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在您的电脑上运行SatcoDX软件的详细指南:

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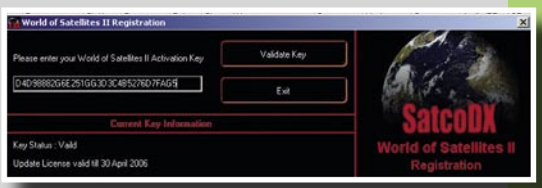
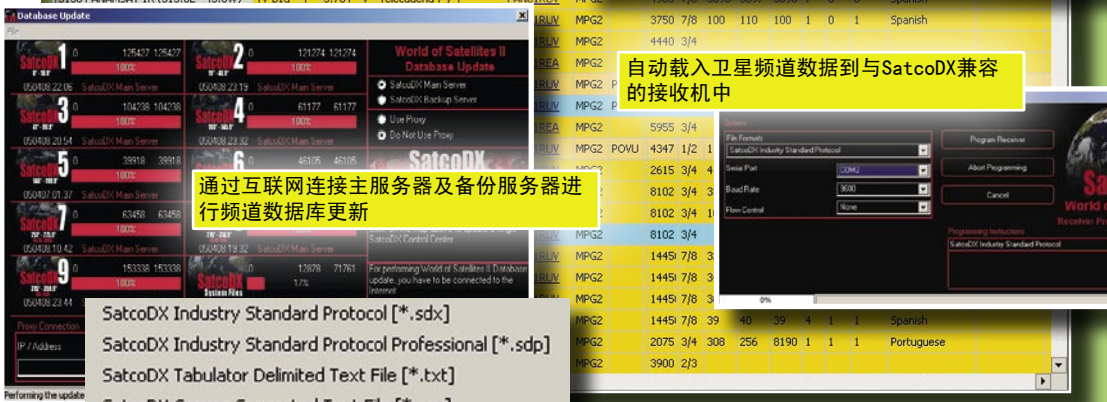
2. 点击“许可”按钮输入激活码然后注册。输入有效的激活码后退出。现在您就可以在您想要的时候下载最新的卫星转发器数据，前提是您的电脑连接到网上并允许FTP下载。

注意：SatcoDX软件不用激活码或者使用过期的激活码也可以运行。但是，显示的卫星数据可能是上次您更新的或者原始的数据。SatcoDX软件默认状态是当前编编辑完并上传的最新数据。



全球所有卫星频道完整数据列表

自动显示所有可接收的卫星频道



自动载入卫星频道数据到与SatcoDX兼容的接收机中

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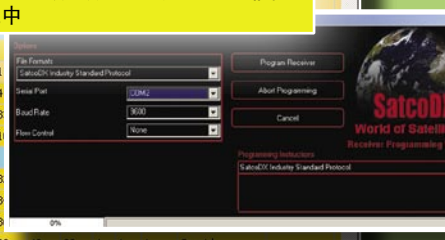

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DVB2000 Binary File [*.dvb]
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Newsmail [*.txt]
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以多种格式保存网页数据

以HTML格式打印包含卫星场强图的频道列表

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亲爱的读者们

《国际卫星电视》今后将在信号分析仪这一题目上倾注更多的精力。在这期杂志中我们要介绍两款新的信号分析仪:一款功能强大而又齐备,一款面向更多的普通用户。为什么信号分析仪变得越来越重要呢? 简单地说: 技术将变得越来越复杂。一个更重要的理由是卫星的数目在逐渐增加。越来越多的卫星彼此靠得越来越近。精确地调整卫星天线就越来越重要。

由于卫星之间只有 2 到 3 度的间隔,这样你的天线很容易对错,其结果是卫星变得难以接收。而若遇到不良的天气,你可能会收不到原来信号。

仅凭裸眼并把家用接收机作为“信号分析仪”,可能会使你在调整天线时出现微小的偏差:当天气很好时,接收的信号会总是在最好的状态 (谁会在雨中安装天线呢?)。只有使用真正的信号分析仪,并在阳光充足的明亮日子里你才可能准确地调整好天线。也只有使用信号分析仪,才能调整好天线。接收电视节目只有在成功调准天线之后才能实现,这不是仅仅用于帮助调准。

无论是这期介绍的间隔为 6° 的一体 LNB, 还是多馈源系统, 精确的调准对于接收两个卫星变得越来越重要。在这种情况下,要同时实现两个卫星的理想接收,只能求助于信号分析仪的帮忙了。两个(或更多)卫星的接收也变得越来越重要: 新的高清电视频道时常从新的卫星位置来传输,同时接收两个卫星的需求就成为现实。

专业的卫星系统安装人员深知具有一台信号分析仪的必要性。 现在业余的安装人员包括个人用户过不了多久就不必背着信号分析仪到处走了。 日益低廉的价格使得这些产品趋于普及。内建电视监视器的小型手持信号分析仪将成为一款真正的男人玩具,就像本期介绍的那种。

如果你经常遇到一些卫星接收方面的问题, 你就不能不有一个信号分析仪。最后说一句,这是一些关于兴趣的话题,对吧?

您的
亚历山大•维思

附注: 本月我喜爱的广播电台是挪威的 MP 3,它来自 359° E(1° W)雷神卫星上, 11.372V,音频 PID 为 706,请不要与音频 PID 为 702 的 P3 频道弄混。MP 3 其名不能望文生义,它是挪威 NRK 的顶级儿童频道,没有停顿和商业广告。

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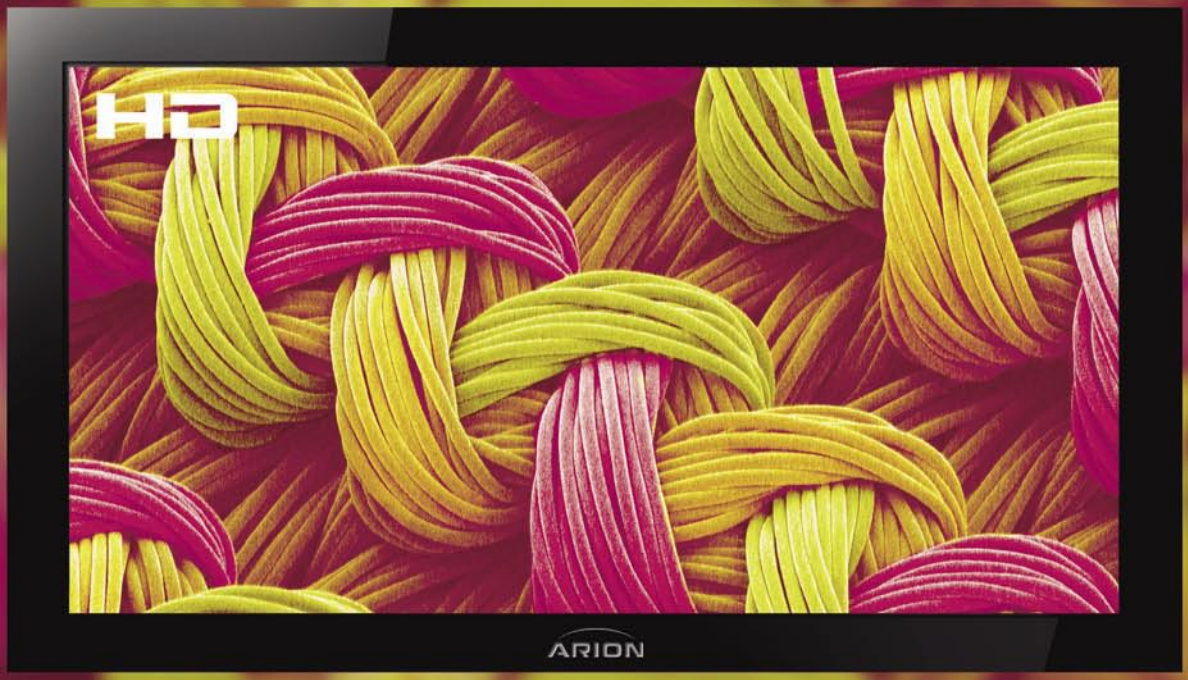

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EUROPE
ONE IN FIVE HOMES HAS HDTV SET
Satellite operator SES Astra says one in five European homes now has an HDTV set, with more than 37 million HD Ready sets bought in Europe since Feb 2005. According to data drawn from GfK Retail & Technology, almost 40 million HD Ready sets, either Plasma, LCD or rear projection, are in use, while another 24-25m flat panel sets (without the HD Ready tag) are in use. Based on the latest data from Screen Digest, SES Astra expects Europe to have some 400 HDTV channels by 2012, with about 160 of them on satellite.

AUSTRIA
ADB TO SUPPLY IPTV BOXES TO TELEKOM AUSTRIA
Advanced Digital Broadcast (ADB) has been selected to supply high definition, Advanced Video Coding (AVC) ADB-3800W IPTV set-top boxes to Telekom Austria for their IPTV television services. In addition to 82 TV programmes the IPTV television service includes VOD, an EPG and radio channels.

FRANCE
FREE LAUNCHES NEW FEATURE
IPTV provider Free has launched a new option allowing subscribers to 'broadcast' websites on television. The Telesite service allows customers to restrict the site to their own Freebox or available to all Free users. It also allows customers to upload videos via the TV Perso feature or the Telesite service. The current availability of these services is only to Freebox HD subscribers.

EUROSPORT TO LAUNCH HDTV SERVICE IN MAY
Eurosport will launch an HD simulcast channel on May 25, just in time for the start of the French Open-Roland Garros tennis Grand Slam. Additionally, viewers can count on seeing content from the Tour de France and the Beijing Olympics. Carriage agreements have been signed with platforms in Israel, Turkey, Portugal and the Nordic countries.

GERMANY
JDS UNIPHASE TO PROVIDE IPTV TEST SERVICE TO DT
California-based provider of optical communications products and services, JDS Uniphase, will supply its IPTV test service to global carrier Deutsche Telekom. JDSU's NetComplete service assurance system and associated IP test probes will be deployed in Deutsche Telekom's network.

GREECE
ERICSSON PROVIDES IPTV SOLUTION FOR OTE
The Hellenic Telecommunications Organization (OTE) has picked Ericsson as an end-to-end IPTV systems integrator, solution provider and business consultant. The initial offer includes broad range of broadcast channels, VOD, EPG, and PVR capabilities.

ICELAND
VODAFONE OPTS FOR SECUREMEDIA FOR IPTV SECURITY
Vodafone Iceland has implemented and deployed the Encryptonite ONE System from SecureMedia in order to protect its next generation end-to-end IPTV offering. Vodafone Iceland offers mobile, fixed-line, FTTH, and ADSL/Internet services, while its IPTV service features an extensive video offering complete with customer personalization and interactivity.

IRELAND
SMART TELECOM LAUNCHES IPTV SERVICE
Smart Telecom in April launched its DSL-based multi-channel IPTV service in the 37 unbundled exchanges in which it currently offers broadband. The soft-launch will begin with selected customers closest to exchanges, before a general rollout across the country. Smart plans to invest US$4 million in a MPEG 4 IPTV head end and middleware solution from Thomson. The operator will deliver more than 100 TV and radio channels to an addressable 550,000 homes.

ITALY
MCDONALDS TO INSTALL IPTV NETWORK
SkyRec will use CodecSys from Broadcast International to implement a private IPTV network in 335 McDonald's restaurants throughout Italy -- the first implementation of its kind. In partnership with Samsung Italy, the new network will deliver proprietary video content. This content includes sports, live news and sports, in addition to pre-recorded commercial content.

LITHUANIA
WIDEVINE SELECTED TO PROTECT TEO IPTV SERVICE
Widevine Technologies has been selected by Lithuanian telco TEO LT to secure delivery of premium broadcast and video-on-demand content for its GALA IPTV service. TEO now offers hundreds of VOD films, 52 channels including sports packages, Virtual Cinema and games services to more than 20,000 subscribers. Widevine, in partnership with Ericsson, the systems integrator leading the project for TEO, and Motorola, supplier of the set top boxes, offer a tightly integrated and highly scalable IPTV platform.

LUXEMBOURG
SES ORDERS NSS-14 SATELLITE FROM LORAL
SES New Skies has contracted Space Systems/Loral, a subsidiary of Loral Space & Communications, to supply a new satellite, NSS-14. The new satellite will be deployed over the Atlantic Ocean at 338 degrees East, enabling the incumbent NSS-7 satellite to move to another location. NSS-14 will be a hybrid satellite featuring 52 C-band transponders and 72 Ku-band transponders. The satellite is scheduled for launch in the fourth quarter of 2010.

THE NETHERLANDS
DUTCH PUBLIC TV IN HDTV FROM 2009
The main Dutch public TV channels will be made available in High Definition as early as 2009 after cable operator Zesko agreed a joint-venture and carriage deal for HD simulcasts of the three national channels Nederland 1, 2 and 3 in its basic digital package. Using the 720p standard at launch, local HD content will initially be limited. Negotiations are underway with other operators, such as cabler UPC, to join the HD initiative.

POLAND
TANDBERG POWERS IPTV SERVICE FOR MULTIMEDIA POLSKA
Tandberg Television's OpenStream Digital Services platform has been fully deployed by Multimedia Polska to power its entire VOD services, which is a critical part of their deployment of a major, advanced multimedia offering. Tandberg has provided its Xport on-demand content production software system, as well as its OpenStream back office. Multimedia Polska launched a HDTV offering in 2007 and plans to add more advanced, revenue generating services such as mobile TV.

PORTUGAL
PT CLOSES 2007 WITH 21,000 IPTV SUBSCRIBERS
Portugal Telecom (PT) has signed 30 percent fewer customers for its Meo IPTV service in 2007, closing the year with 21,000. The operator managed to sign up 15,000 TV customers in the final quarter of the year.

RUSSIA
STREAM OFFERS HDTV VIA TELEPHONE CABLE
Comstar-Direct's Stream service has launched a high-definition TV offering and the soft-launch of Stream's HDTV offering will run till June 1. It currently offers four channels—Discovery HD, MelodyZen, Luxe TV and Voom HD—and a package of ten movies via VOD. In Moscow, Comstar has 3.6 million residential subscribers, 452,600 broadband Internet subscribers and 108,600 corporate subscribers.

RSCC TO BUILD EXPRESS-AM4 SATELLITE
The Russian Satellite Communications Co. (RSCC) signed a contract with Khrunichev Center to build the Express-AM4 satellite. The spacecraft will be based on EADS Astrium's Eurostar E3000 platform and carry 63 transponders operating in C-, Ku-, Ka and L-bands. The satellite, which will be located at 80° East, will be delivered in the second half of 2010.

SLOVENIA
TUŠ TELEKOM OPTS FOR ORBIT 2X SERVER FOR IPTV SERVICE
Slovenian telco Tuš Telekom has launched on-demand IPTV services using Edgeware's Orbit 2x server system. The system uses solid state flash memory storage to achieve scalability, quality of service, reliability and low total cost of ownership. It also enables deployments of interactive TV services such as time shift TV, VOD, nPVR and dynamic ad insertion.

SWEDEN
RUCKUS WIRELESS SELECTED BY TELENOR FOR IPTV
Ruckus Wireless has been selected by Telenor to supply Smart Wi-Fi 802.11g systems for the wireless distribution of its popular IPTV service, offered to subscriber homes throughout Sweden through the wholly owned subsidiary Bredbandsbolaget. The Ruckus MediaFlex systems are being made available to consumers in Sweden through Telenor retail outlets, and can be easily self-installed by subscribers. Bredbandsbolaget has over 450,000 broadband customers.

SWITZERLAND
BLUEWIN ENDS 2007 WITH 70,000 IPTV SUBSCRIBERS
Swiss IPTV service Bluwin TV connected 70,000 homes at the end of 2007 and hopes to increase its customer base to 200,000 - 250,000 users by the end of this year. Bluewin TV currently offers over 100 TV stations, numerous of HD services and radio stations.

UKRAINE
COMSTAR LAUNCHES IPTV IN ODESSA
Russian fixed line and broadband operator Comstar UTS has announced that its Ukrainian division has launched commercial IPTV in Odessa, the country's second largest city, and plans to expand the service to the capital Kiev by the end of this year. Comstar's TV-over-broadband service is delivered via a fibre-optic network using IPSoft iVision software developed

by Netris, and initially offers 60 broadcast TV channels, with further plans to up the number of channels to 90 and launch a VOD service.

UNITED KINGDOM

BBC AND NHK WORKING ON HD SUCCESSOR

The BBC and Japanese public broadcaster NHK are working on new format which promises to deliver pictures in a quality 33 times better than the best HD sets on the market. Super Hi-Vision is currently being tested by NHK, but the BBC is planning to use the technology to screen the 2012 Olympics on big screens in city centres across the UK.

OFCOM PLANS TO RAISE BILLIONS FROM HDTV AUCTION

Television regulator Ofcom is hoping to raise billions from an auction of high definition TV spectrum. Three HDTV channels will be launched in 2009 and a fourth in 2012, the regulator said. One slot will be reserved for the BBC, which already broadcasts its BBC HD channel via satellite and cable. The other three will be awarded after an auction open to ITV, Channel 4, Five and Welsh language broadcaster S4C.

FRANCE TELECOM PREPARES IPTV LAUNCH

France Telecom has confirmed it will soon launch its triple play service in the U.K., via the Orange brand. In order to avoid limiting the appeal of the service and alienating any of its existing 1.4 million DSL customers, Orange UK is calling its service Digital TV, and will not use the term IPTV externally. The service has been trialled since November 2007 in London and the northern city of Leeds with 350 existing, paying Orange UK broadband customers.

NORTH AMERICA

CANADA

SOGETEL TO OFFER IPTV

Occam Networks has announced that Canadian independent telco Sogetel has purchased Occam's Broadband Loop Carrier (BLC) 6000 solution to complete a "significant" network upgrade with the intention of offering IPTV and VoIP services. Quebec-based Sogetel is deploying Occam equipment at more than 35 sites across Sogetel's service area. The telco is using ADSL2+ to provide IPTV over the last mile copper line.

UNITED STATES

AMC-14 SATELLITE FAILS

Dish Network's new satellite designed to expand its High-Definition programming capacity failed in mid-March. The AMC-14 satellite, which Dish was leasing from SES Americom, had lifted off successfully, but an "anomaly" occurred during the second burn of the Breeze M upper stage. The satellite then failed to reach its planned orbit. Once operational, the satellite was expected to enable Dish to begin adding HD channels, increasing its current total to roughly 70 to 100 by year's end.

TIME WARNER CABLE TO CARRY 100 HDTV CHANNELS

Time Warner Cable of New York and New Jersey is poised to carry 100 HD channels and add more than 250 HD On Demand choices by the end of 2008 across the company's service area, starting with a total of 50 on April 30. Over the next year in an area-by-area rollout, Time Warner Cable of NY/NJ will launch "Enhanced HDTV" which includes the cable-exclusive Start Over service. It allows customers to start a program over during its allotted time slot without the need for a DVR.

DIRECTV 11 SATELLITE LAUNCHED SUCCESSFULLY

DirecTV's new HDTV satellite was successfully launched on March 19 by a Sea Launch Zenit-3SL rocket. Once operational in September, DirecTV 11, will enable the satellite broadcaster to offer up to 150 national HD channels, compared to the current 90. DirecTV also plans to deliver local HD channels to more than 100 markets, representing 84% of U.S. TV households. It plans to launch yet another satellite in 2009 that will enable it to provide up to 200 national HD channels.

CARIBBEAN

TELBO SELECTS AMINO STB FOR IPTV SERVICE

Telefonia Bonairiano (Telbo), a telecommunications company in the Dutch Caribbean region, has selected the AmiNET125 multi-codec set-top-box from Amino for its IPTV service, jointly developed by. Telbo, Savant Communications and Manycast Consultancy. The mitv service, which is a part of Telbo's triple-play offering, will air around 40 channels including HBO, Discovery and FOX. The Dutch Public Channels, Nederland 1, 2 and 3, will be inserted into the head end via optical submarine cables. By deploying

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the AmiNET125, Telbo will offer its subscribers more than the traditional triple-play (video, voice and data) services.

LATIN AMERICA

CHINA TO LAUNCH VENEZUELA-URUGUAY SATELLITE

Venezuela and Uruguay plan to have their own communications satellite in space by the end of 2008. Under an agreement signed in November 2005, the China Great Wall Industry Corp was contracted to design, manufacture, test and put into orbit the Venesat-1 for Venezuela. Uruguay later joined the US$ 241 million project, financing 10% of its cost. The satellite is called the "Simon Bolivar Satellite," named after the South American revolutionary.

COLOMBIA

EPM TO LAUNCH IPTV IN MID-2008

Local telecom operator EPM has told local media that it plans to launch its IPTV service in the middle of this year, one year after initially forecast. According to the vice president of resources, Carlos Gabriel Álvarez, EPM will also increase its network coverage to reach 60% of the capital Bogota by year-end. The operator aims to end 2008 with 33,351 subscribers to its IPTV service, and increase this figure to 250,000 by 2011.

ECUADOR

ANDINATEL TARGETS 2009 LAUNCH FOR IPTV SERVICE

Local telecom operator Andinatel anticipates launching IPTV services in 2009, according to company President César Regalado. The executive said that Andinatel expects to launch commercial trials in coming months in order to test the service. IPTV services will initially be available in the national capital of Quito and gradually expand to other areas. The telco provides services in 13 provinces in north-central Ecuador.

PANAMA

SECUREMEDIA TO PROTECT CTV TELECOM IPTV CONTENT

CTV Telecom has selected SecureMedia's Encryptonite ONE System to secure content on its new IPTV service. Through its integration partner Sonitel Networks, CTV Telecom has installed an advanced, optical fibre-based IPTV platform in Panama City, with reach to be expanded to more regions in the future. The IPTV service has already launched and offers over 100 broadcast, music and on-demand channels, telephone and broadband Internet.

ASIA & PACIFIC

CHINA

SHANGAI TO OFFER FREE IPTV SERVICE FOR TWO YEARS

Shanghai will offer a two-year conditional free IPTV service to expand its IPTV user base. The city's IPTV operator BesTV will cooperate with Shanghai Telecom to launch a sales promotion until June 30 targeting the city with unlimited-time 2 Mbps or 1 Mbps ADSL services. During the period, the company will exempt eligible users from paying the RMB 310 installation fee and two years' IPTV service fee if they can spend more than eight days a month browsing IPTV.

IPTV SURPASSES CABLE IN HONG KONG

Hong Kong looks set to be the first territory in the world where IPTV services overtake cable delivery of pay-TV. Annual results from telco leader PCCW showed that its Now TV subsidiary had 882,000 subscribers. Although I-Cable has yet to unveil its own numbers, PCCW was confident enough to claim that Now has "taken a leadership position." I-Cable previously announced that it had 830,000 as of June 30. Meanwhile, PCCW has deployed Harmonic's market-leading DiviCom Electra 7000 HD MPEG-4 AVC (H.264) encoders to power its HD channel service in Hong Kong.

ZHONGSHAN CABLE ADDS HDTV SERVICES

Guangdong's Zhongshan Cable is deploying BigBand Networks' (BBND) Broadband Multi-media-Service Router to process, manage and deliver digital television services, including HDTV and video-on-demand. Zhongshan Cable serves approximately 300,000 subscribers in the city and is using the BMR to improve the video quality and bandwidth efficiency of its television services.

INDIA

GOLDSTONE TO ROLLOUT IPTV IN 11 COUNTRIES

Goldstone Technologies plans to roll out IPTV services in 11 countries by the end of 2008-09, according to President and CEO Rajesh Kalidindi. "We are targeting south-east Asian and European countries for offering regional content. There is a huge demand for Tamil, Telugu, Malayalam, Kannada, Gujarati, and Punjabi content in these regions", he said in an interview. Goldstone Technologies recently launched the service in Thailand and plans to roll out IPTV services in Malaysia, Singapore, the Philippines, Japan, New Zealand, the UK, France, Germany, Israel and Spain in the next 11-18 months.

MALAYSIA

MEASAT TO LAUNCH NEW SATELLITE IN Q3 2008

Measat has announced that its next satellite is expected to be launched in the third quarter of this year. The satellite, previously known as Measat-1R, will be renamed Measat-3a as it is being designed to be co-located with the Measat-3 satellite at the 91.5°E orbital slot. The new satellite will have 12 high-powered C-band transponders providing coverage across Africa and Eastern Europe in the West, and Japan through to Australia in the East. It will also have 12 high-powered Ku-Band transponders for DTH customers in Malaysia and Indonesia.

TIME BROADBAND LAUNCHES IPTV SERVICE

Time Broadband Services (TBSL) has started mobile IPTV services in Malaysia and plans to expand it to China, India and Ukraine in the next three months. The company said that it will foray in each country with an initial investment of $10 million. TBSL, with Malaysian's Stanton Technologies has entered into an agreement with Chinese government entity Potevio to offer mobile IPTV services to over 500 million mobile users in China.

SOUTH KOREA

KOREAN COMPANIES TO INVEST US$ 15.8 BILLION IN IPTV

Korean telecom firms will invest around KRW 1.57tr (US$ 15.8 billion) in IPTV this year, according to the country's Broadcasting and Communications Commission (BCC). KT alone is expected to invest KRW 1.3tr in its IPTV service "Mega TV" this year, while LG Dacom will spend KRW 146.4bn on "myLGtv" and Hanarotelecom will invest KRW 122.1bn in "Hana TV". According to the report, a large part of the funds will be spent on expanding and improving Internet networks and purchasing TV content.

SRI LANKA

SRI LANKA TELECOM TO LAUNCH IPTV UNIT

Sri Lanka Telecom (SLT) has set up a subsidiary to broadcast IPTV services to its broadband customers. SLT plans to invest LKR100 million (US$ 1 million) in the initial launch of the SLT Visioncom unit.

TAIWAN

VASTAR CABLE TV LAUNCHES IPTV TESTS

Vastar Cable TV System from Taichung has begun operations of Vee TV, its HD IPTV service, on a trial basis. Vastar delivers Vee TV service through its fiber-optic network and the trial broadcast consists of three HD digital channels as well as HD VOD with content including NHK programs from Japan, nature shows and adult movies. Vastar plans to set a minimum monthly fee of NT$89 (US$3) per subscriber for viewing at least 32 channels. The whole fiber-optic infrastructure can serve 600,000-700,000 subscribers.

THAILAND

GOLDSTONE AND SYNOP MEDIA LAUNCH IPTV SERVICE

Software services firm Goldstone Technologies in March launched a IPTV service in partnership with Synap Media & Infotech. It broadcasts 20 TV channels along with movies in Hindi, English and several regional languages through the Internet and has its network operating centre in Thailand.

UNITED ARAB EMIRATES

YAHSAT TO LAUNCH SATELLITE FOR AFRICA

Al Yah Satellite Communications Company (Yahsat), the UAE's first nationally-owned satellite operator, has signed an agreement with Arianespace to launch the Yahsat 1A satellite in the second half of 2010. The satellite is currently being manufactured by the consortium of EADS Astrium and Thales Alenia Space. Another agreement was also signed with International Launch Services (ILS) to launch the Yahsat 1B satellite in first half of 2011.

VIETNAM

VIETNAM TO LAUNCH FIRST SATELLITE

The launch of Vietnam's first satellite has been set for April 19 by commercial services launcher Arianespace. The Vinasat project, which cost about US$ 300 millions, has been in the pipeline for more than 10 years. Vietnam signed a contract with US firm Lockheed Martin in May 2006 to build the satellite after delays largely due to problems in coordinating its frequencies with those of satellites already in orbit in the region. The satellite 20 transponders for transmission and reception of TV channels, telecommunications and the Internet.

PACIFICOCEANIA

AUSTRALIA

ABC TO LAUNCH IPTV REPEAT CHANNEL

ABC has announced four new digital services including an IPTV station called "ABC Playback" which will allow viewers to stream shows that were broadcast by the ABC in the previous week. The trial online service is currently showing three channels - ABC Catch-up (a mix of popular and specialist shows previously screened on ABC1 or ABC2), ABC Real (natural history programs and general documentaries), and ABC Shop channel. An ABC news channel is also on the cards one the service goes live.

NEW ZEALAND

FREE-TO-AIR HDTV LAUNCHED

New Zealand launched its first free-to-air HDTV broadcast service in April, with the TV1, TV2 and TV3 channels. Branded Freeview HD, the new service will be available in nine major centres (Auckland, Hamilton, Tauranga, Napier, Hastings, Palmerston North, Wellington, Christchurch and Dunedin). The first high-definition programming from TVNZ is likely to be coverage of the Beijing Olympic Games, which will be broadcast in HD during August and September.

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INDONESIA

为什么 DiSEqC 并不总是可靠

亨兹•考匹茨

DiSEqC 控制系统，是由 EUTELSAT 和飞利浦公司共同开发的，其特色是利用了现有的同轴电缆，它对于现代卫星接收系统来说是不可或缺的。借助 DiSEqC 1.0 和 1.1 协议，接收机选择所需的参数并在多个天线或 LNB 之间自动切换。为了控制电动天线，该系统扩展到 DiSEqC 1.2。令人感到奇怪的是，很少有接收机拥有全部这些功能。

▲ Arion DiSEqC 1.2 的设置

在协议里精确地定义了 DiSEqC 的移动步长。数目越大，控制指令的复杂程度也越高，每个 DiSEqC 步长都设置了限度。换句话说，DiSEqC 1.2 包含了 DiSEqC 1.0 和 1.1 的所有控制指令。那么，DiSEqC 1.2 就可以满足全部需要吗？它不仅应该能够发出复合开关的切换指令，而且应该能够控制天线马达，但实际上并不是这样。

很少有接收机实现全部协议的功能

大多数接收机不能同时实现所有协议的功能。多数情况下，DiSEqC 1.2 并不包括 DiSEqC 1.1 的控制指令。但是，这是可以理解的。一个使用 DiSEqC 1.1 的大型楼宇的卫星系统是不会使用电动天线的。同时，一个装有马达的天线也不需要 DiSEqC 1.1 控制指令。但是，重要的是当你正要购买一个楼宇系统所使用接收机的时候，要知道 DiSEqC 1.2 并没有好到哪里去，而 DiSEqC 1.1 则是必需的！

DiSEqC 1.2 增加的马达指令是：

向东/西转 向东/西快速地或缓慢地转动
存储“nn” 储存现在马达所在位置“nn”
转到 “nn” 转到马达储存的位置“nn”
限定最东/最西 软件中东/西方向的极限开关
转到 “0”位置(参考点) 转动马达到参考点“0” 位置
再同步 (变化) 驱动马达回到记忆的“nn”位置
转到 X 向东/西转动天线到X° 位置

马达的控制指令并不理想

所有的接收机都有向东/西转的控制指令。然而，质量却有所不同：一些接收机不能慢慢地或以极小的步长移动天线。另一方面，有一些天线在接收机收到的信号大到最大值时会自动停止转动，这极大地简化了对卫星的搜寻。

存储 “nn” 和 转到 “nn” 两个指令用来储存已经发现卫星的位置，这使天线能够容易地再重返回去。接收机存储有分配给马达的 60 个位置，都用两位数表示，“nn”便是其中之一。但是你在接收机菜单中看不见它们，所以你不能直接访问这些储存了的位置。

电动天线储存的卫星位置并不可靠

接收机依照其内在逻辑确定的位置数据很少将天线转到正好的位置。以至于常常出现问题，除非删除已有位置数据重新

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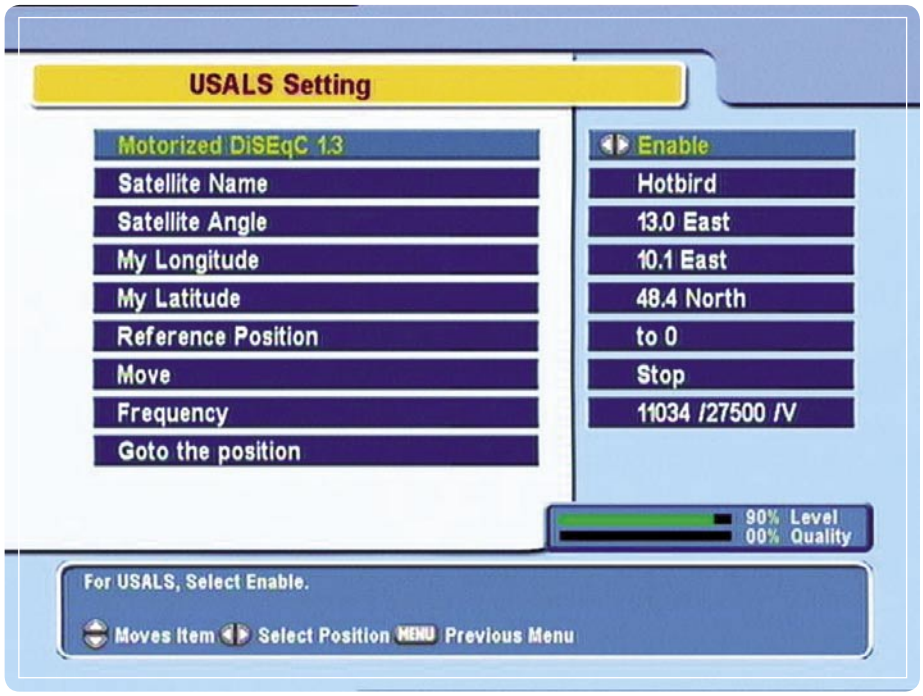

▲ Topfield USALS 的设置

进行设定，而所有已有的设定将会遗失!

电动天线的制造厂家想要使搜索卫星变得更容易，便将比较常用的卫星位置预先设定好。这些预先设定的前提是：天线的调整很到位。这是一个大的错误，在一些点上接收机储存的位置并不是设定正确的位置，所以你根本找不到它们。另外，预先设置的数值根本就没有用，因为你实际的数值和与预先设定的数值根本就不相符。

再同步指令是无用的

再同步指令根据相同的步长数值预先设定所有的位置数据。这一功能毫无用处。

如果接收机和天线马达位置数值之间彼此匹配，那它会很恰当。但是实际上并不是这样，同步只会造成混乱。预先设定的数值无论如何无法符合线性的变化，这个指令没有作用。幸运的是还有转到“0”位置的指令，它可以驱动马达回到初始设定的原点位置。

转到 X 只能简单地搜寻卫星

即使所有的天线马达都接受转到 X 的指令,它也很难为 DiSEqC 1.2 接收机所用。每个卫星的位置都能直接输入接收机。

当然，这首先需要天线安装得非常精确。马达和天线必须在北半球(在南半球对准正北)完全对准正南方向，以便进行良好的调整(这在天线柱上要做好)。在接收机中转到 X 的功能存储了卫星位置而不是存储马达上的位置。这与存储天线马达那些不可靠的记忆位置比较是一个很大的进步。这就是为什么 USALS 应用得越来越多的原因。

这种接收机(也称为 DiSEqC 1.3)的进步是可以自动储存全部卫星位置: 接收机内的一个球坐标计算程序自动地计算出所有你喜爱卫星的位置。你只需向接收机内输入你的地理位置即可，根据这个数据, 它将你的位置转换成每个卫星位置所必需的方位角，然后储存起来。

你需要哪种 DiSEqC 协议

1. 单个天线对准单个卫星就无需 DiSEqC 协议，每个接收机都能做到。

2. 脉冲开关功能用于使用一体化双LNB来接收两个卫星，每个数字接收机都具备这个功能。

3. DiSEqC 1.0协议用于多馈源或多个天线，可以接驳多达4个馈源或天线，还可以通过脉冲开关扩展到8 个。

4. DiSEqC 1.1协议用于可叠加的多馈源系统，最多可接收56个卫星。控制命令被重叠复合多次以保证到达最终目标，它常应用于大型卫星接收系统。

5. DiSEqC 1.2协议驱动H—H型极轴天线座来接收喜爱卫星。它在存储卫星位置方面还存在一些弱点。

6. DiSEqC 1.3协议也用来驱动H—H型极轴天线座。借助于内建于接收机的计算程序，它集中了DiSEqC 1.2协议所有转向X指令的优点。它们被称为USALS 、DiSEqC 1.3协议，或者叫“转向X”。

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AB IPBox 9000HD

Digital HDTV receiver with Linux operating system

- Linux operating system (kernel 2.6.17.14),
- 2x Smart cards readers (X-Crypt CAS, Firecrypt CAS)
- 2x Common Interface slots
- 2x Plug and Play tuners (DVB-S2, DVB-S, DVB-T, DVB C)
- Processor: STi7101-266MHz, 192MB DDRAM, 32MB Flash
- SCPC and MCPC reception (DVB-C standard)
- HDTV and SDTV decoding (MPEG2, MPEG4 (H.264) formats)
- Alphanumeric VFD display with channel name presentation
- PiP and PaP functions for One and Two tuners
- LAN and Internet connection supported via Ethernet 10/100
- HDMI 1.2a with HDCP output (1080i, 720p, 576i formats)
- Internal SATA (SATA I) hard discs supported
- Simultaneous recording of two channels
- Time Shift function - possibility of getting back in time on real time channel
- Built-in AC3 decoder with 2.0CH downmix
- Internet radio playback
- Web interface for complete remote management of the receiver
- Possibility of watching TV programs through LAN or Internet
- Software upgrade through Internet
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- MP3 and pictures playback,DivX supported, possibility of watching TV programs through LAN or Internet (...soon)

ALL INCLUSIVE!

1080i

HDTV

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GUT
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世界顶级的信号分析仪

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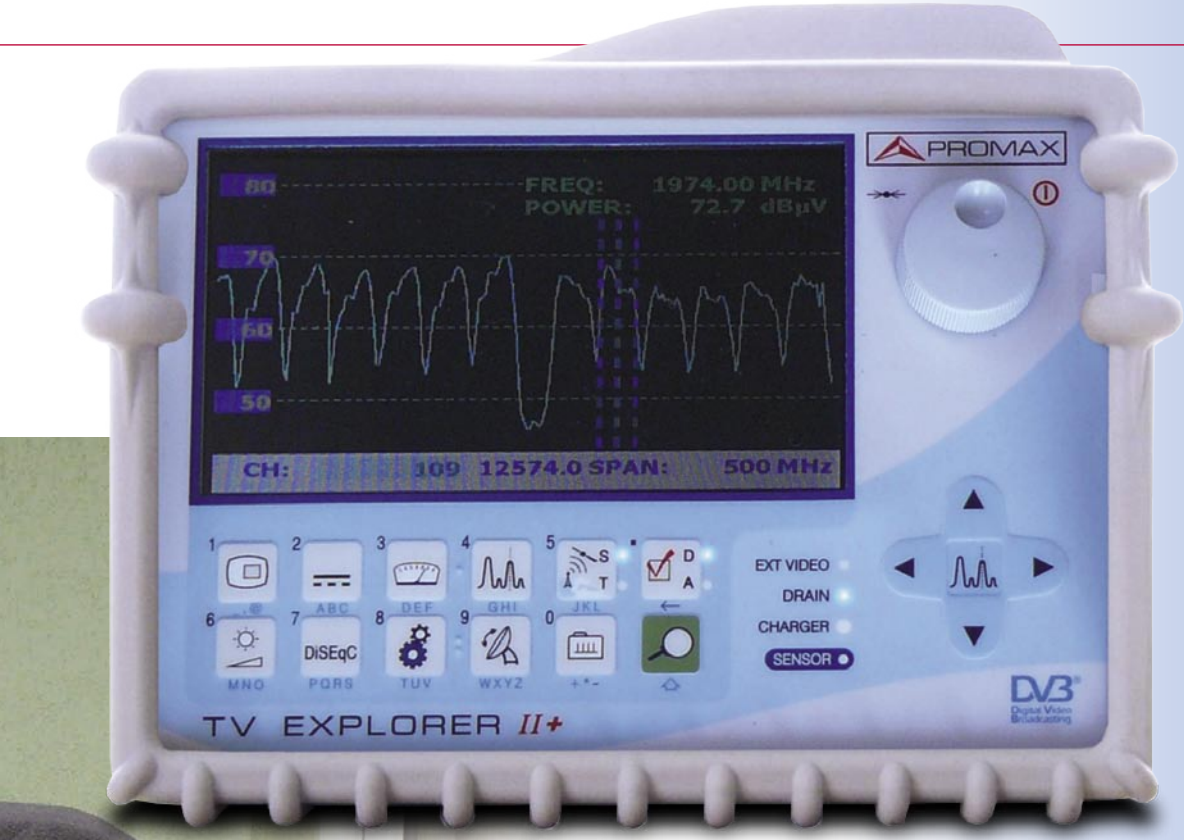


有些人可以不用任何额外设备就能对准卫星天线。有时，他们甚至连最基本的信号寻找设备——一台标准的卫星接收机都不用。当然，这一方法要花费更多的时间，也不可能调得非常准确。如果你正在准备在屋顶上建立一套 SMATV 网并加以维护，天线确实调起来不容易，你至少应该有一台简单的信号寻找设备，虽然它不一定很高级。

当你要精确地调准卫星和地面电视广播天线，并要将所有信号混合后再分配到一栋建筑物里各个房间里的时候，那就需要更加复杂的设备。这就要用到 Promax 的电视探测者 2+。它的用途十分广泛，所以难以找出一个专有名词来命名。它综合了下列所有功能： 场强仪、频谱分析仪、卫星寻找仪、测试接收机，还有监视器。那么，它对于所有模拟或数字电视信号都有用吗?它对于卫星、有线及地面开路电视信号都有用吗?它对于电视或广播信号都有用吗? 电视探测者 2+ 对于上述所有方面的测量都没有问题！ 我们面对一个功能如此之多的仪器没有太好的名字，所以就决定称其为世界顶级的信号分析仪。

读者们可能会记得我们的 Prolink-4 C 测试报告。该仪器也来自 Promax。我们对其表现和众多功能留有深刻的印象。它的继承者电视探测者 2+, 则相对较小也较轻，但是功能更强、人机交互更友好。

听起来不太可能吧? 请相信我们,这是真的！ 在电视探测者 2+ 中, Promax 增加了 DVB-S2 的信号分析功能和一个 USB 总线接口。重新设计了菜单结构，现在更直观，更符合现有的测量方式。当你测量一个参数的时候,例如 C/N,你可以在同一个屏幕上同时看到所有其它重要的参数： 信号强度、MER、CBER、VBER、L 波段频率、转发器频率和频道数。

让我们着重介绍一下电视探测者 2+ 的特性。它能测量所有类型的电视和广播信号:卫星、地面开路和有线电视信号。它也适用于 FM 广播、移动电视(DVB-H)和有线电视频道。它可以解调 QPSK、8PSK、QAM 或 COFDM 制式的节目。电视探测者 2+ 真的是一个多面手。它可以接收任何色彩的电视制式： PAL、NTSC 或 SECAM制式和任何电视音频标准： M、N、B、G、I、D、K 或 L。

电视探测者 2+ 的接收范围从 5 MHz 连续到 2150 MHz。这包括所有的地面开路、有线和卫星电视节目。当然,在卫星传输情况下,我们一般不提下行频率而多用 LNB 的输出频率(L 波段)。我们还要测量转发器之间的频率变化。它还预存了许多卫星的转发器数据,当然，这些数据可以重新编排。它能根据调谐的类型测量从 44/45 dBµv 到 100/114 dBµv 的信号。包括： 场强、BER、

手提箱装有仪表和所有的附件

VBER、LBER、MER、C/N、噪声容限和数据包误码数。

当然，该分析仪还能够测量 DVB-S 和 DVB-S2 的信号。所有不同的 EFC 都可以测。包括 DVB-S 2 的 1/4,1/3,2/5,1/2,3/5,2/3,3/4,4/5,5/6,8/9,9/10、QPSK信号的 3/5,2/3,3/4,5/6,8/9,9/10 及 8 PSK 信号。如果你还要处理模拟信号，电视探测者 2+ 会让你在黑暗中一览无余。它能测量信号水平、C/N、音视频比、FM 的偏离和解调(最后两者是用于典型的地面开路电视信号的)。

在这里我们就不再强调该仪器中频谱分析仪的重要了。你不仅可以在不知道其频道频率的情况下检测一个信号,而且你也还侦测到网络里的未知信号。频率范围可以是从 16 MHz到全部频段，垂直范围的步长也是可以调整的。除了测量之外,该仪器还能显示电视图像，不管信号是模拟还是数字的。对于数字信号,你可以看到所有免费的 MPEG-2 频道。加密频道也能看到，只要将付费卡插入仪器后面的 CI 插槽就行。这是一个非常独特的功能，很少有其他仪器能做到这点。请注意，它还不能处理 MPEG-4 信号。若要收看 MPEG-4 的免费频道,需要插入适当的 MPEG-4 模块来代替 MPEG-2 模块。该仪器能测量所有的 DVB-S2 的信号，包括 MPEG-4 码流。附加的模块是用来观看频道图像的。

日常使用

Promax 为该仪器提供了一个非常大的背包。令我们感到惊讶的是发现了里面装了那么多的配件。箱子里包含有一个非常实用的背包、一件带防护的手提箱 (两者都有肩绳)、一个外接电源及电线、一个汽车电源适配器、一根 USB 线、一个 10 分贝的信号衰减器、连接适配器、装有电脑软件用于控制仪器并存储数据信息的 U 盘。

▲测量用的附件

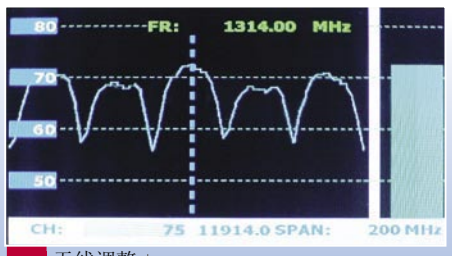
前面板上最突出的是 16:9 的 LCD 显示屏。下面有十二个控制按钮。顶排从左至右的按钮分别对应的是频道图像、LNB 电源设定、显示测量结果、显示频率频谱、切换卫星/地面开路电视模式和数字/模拟模式切换。底排从左至右的按钮分别是图像和声音、DiSEqC 指令、功能/设置、天线调准模式、转发器或频率调谐以及转发器甄别。如果你有任何疑问,电视探测者 2+ 可以发出任何 DiSEqC 1.0、1.1 和 1.2指令。确认卫星是以转发器传输的 NIT 数据为基础的。如果有这种数据传输 (这要取决于节目供应商),那就还应该有一个轨道位置和网络供应商的名字。比如,他会告诉我们：13° E，ABSat。

在频谱模式下四个箭头键用于设定频率范围和频谱线水平(上下移动频谱显示)。也用在菜单中选择不同的项目和选项。调谐旋钮在频谱模式下用于在菜单中移动加亮选项或者变更转发器/频道。在前面板上有三个显示状态的 LED ，还有一个光线感应器。LED 显示屏幕上有图像显示、外接装置 (LNB) 已在供电，而且电池正在充电。感应器会调整屏幕的亮度和对比度，并使电池电力消耗最省。电池大约能持续工作 4.5 小时之久。但是要充满 80% 的电能只需 3 小时。F 接头位于侧面最上方。随包附有连接适配器(F 对 BNC 和 F 对 DIN)。供电插座位于右侧上方，还有一个小孔可以用来重新启动。我们现在还用不到重新启动，因为在整个测试过程中软件运行通畅。在背面是欧插接口，能用来向外部的监视器传输 LCD 上的声音和图像，也可以接入音视频信号在 LCD 上显示出来。

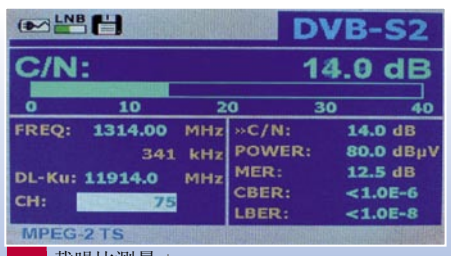
后面板上有一个用于 CA 模块的 CI 插槽，还有一个 USB 接口以便仪器能与个人计算机连接。整个仪器外面包裹着灰色橡皮，以防硬物磕碰。

我们提到过，已经有一些使

频谱分析 |



天线调整 |



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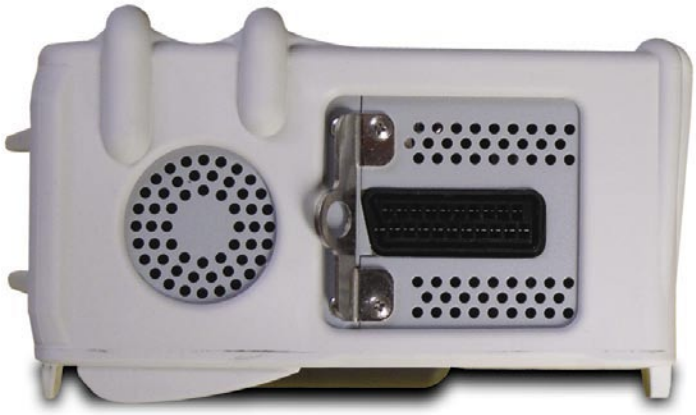
用出色的 Prolink-4 C 方面的经验。因此，对于电视探测者 2+ 没有期待更多的惊奇。但是我们错了！ 它不仅包括其早期产品所有的功能，而且还许多新东西。不仅有 DVB-S2 的测量，而且还包括对 DVB-T/H、 DVB-C、DVB-S 和 DVB-S2 的测量，特别是由于具有 RP-250 和 RP-080 信号模拟器的功能，可以对网络进行一些测试。

然而，这两款仪器之间除了尺寸和重量的差异之外，最明显的是使用的便捷。Prolink-4 C 相当符合人类环境改造学原理，而电视探测者 2+更是参考了所有其他同类产品来进行全新的设计。我们发现其全部控制操作都是直观的，对于其他仪器，若要看到信号所选极化及其所属波段，就必须输入 L 波段频率并设定 LNB 电压和 22 KHz 信号状态。对于电视探测者 2+ 来说，它却可以让你在转发器之间自由切换，而设定适当的电压和 22 KHz 状态都是自动完成的。当然，这是因为转发器目录储存在仪器的记忆中。

该仪器功能强大而又繁杂，我们需要介绍一下使用手册。当然，如果你想要历数其全部功能优势，那就得把使用手册从头看到尾。它有 85 页内容，配照丰富，并用西班牙语、英语和法语配发。其内容阅读起来很方便，这得益于其富于逻辑性的编排，你会很快很容易地找到你所需要的信息。它还有一个方便读者的快速阅读参考指引。

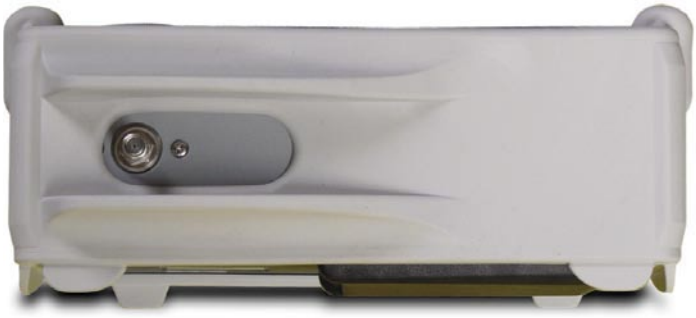
我们用电视探测者 2+ 做了一个最有代表性的工作：调准天线。其宽大的屏幕，快速的反应和良好的观测清晰度使这件工作成为小菜一碟。首先，我们调到天线调准模式。屏幕上快速地显示出频谱，同时右侧出现两个垂直的信息条。左面的信息条表示在最近几秒里记录到的最大值，而右侧表示当前的水平。它还像一个优质的音频信号测量仪器，当信号水平上升的时候，仪器发出的音频信号会变得急促起来。

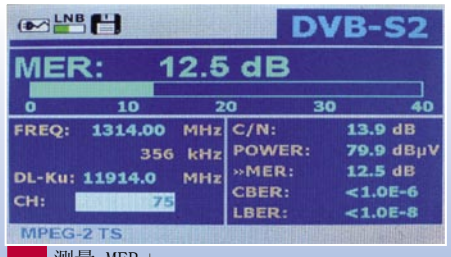


在任意设定了天线的仰角之后， 我们反复匀速地将天线从左边转到右边，并寻找频谱曲线上的最高峰和信息条上的最大值。

失败后我们又调整了仰角再次重复上述的动作。一旦我们观察到信号出现，我们就暂时停下。然后再对天线进行上下左右细微的调整以找一个最高的信号水平。在认真修正方位角和仰角之后，我们终于读取到了最大信号水平。

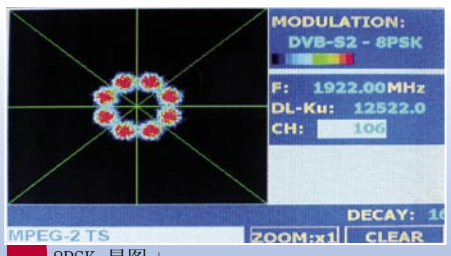
那么我们刚才对准的是什么卫星呢？ 为探寻究竟，我们转到正常的频谱模式，并将标记对准一个数字转发器。数字转发器的频谱都是方方正正的，它们的顶部比较平坦。模拟转发器则多为铃形。我们有两个可能，因为按计划我们预置的是 19.2° E 的 Astra 卫星上的频道频率，于是调到快速浏览转发器模式， 我们用旋钮看看标记是否从一个转发器的中心跳到下一个转发器的中心。很遗憾， 标记没有跳到转发器的中心，我们转到连续调





测量 MER

QPSK 星图



8PSK 星图

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谐模式(平滑地变化频率)并将标记移到一个数字转发器的中心。在按下卫星确认按钮之后,我们发现了天线指向的是 13° E的卫星。我们要找的卫星是 Astra,而不是 Hotbird。

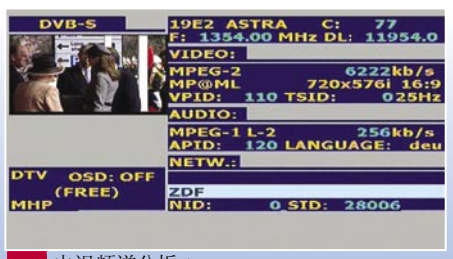
因为我们的目标是将天线对准 19.2 °E 的 Astra,所以知道需要向东转动天线。我们开始转动后不久就在频谱信号中找到另外一个“山顶”。它一定是 16° E 的 Eutelsat W2 卫星,我们继续移动,并在东边更远些的地方找到了一个较强的信号。切换到快速浏览转发器模式之后,我们可以看到标记总是在转发器频谱的中央停留。我们再一次确认它就是 Astra 卫星。然后,我们切换到观看模式。过了2~3 秒,我们看到了频道图像。我们又浏览了各转发器之间和同一个转发器里面的各个频道,一切正常,我们正在观看的就是 19.2° E 的 Astra 1 卫星。

但是我们并没有做完,还需要精确调整方位角、仰角和 LNB 的极化角(倾斜角)为此,我们切换到 C/N 测量模式。我们调整这三项内容并得到最大读数,当然也可以使用 MER 测量模式来调。如果你喜欢调最小值而不是最大值,那你可以使用 CBER 模式。VBER 模式不适宜用来调天线,因为它的反应过于敏锐,。

在调整 LNB 极化角的时候,我们特别喜欢读取 C/N 值。甚至一点微小也能马上引起 C/N 的变化,这要得益于它能够分辨 0.1个分贝的变化。天线调得很到位,没有比这更容易的了。由于它的屏幕大,你甚至可以把电视探测者 2+ 放在地面上站着看着它来调天线。原因是屏幕为 TFT 液晶,亮度高,即使在户外也能轻松读取。实际上,探险家 2+ 是市场上唯一使用这项高技术的仪器。

该仪器对于带有 DiSEqC 开关和马达的比较复杂的天线系统也很适用。但为了更好地操作,使用者一定要熟悉 DiSEqC 指令 (什么指令做什么)。只要再按下一个按钮,就可以从频谱分析模式切换到视频模式来看一看第一个频道的图像。我们还可以浏览其他所有频道并获得音视频 PID 码,以及有关于图像分辨率和码率的信息。

我们也用它测试了模拟有线电视信号也都非常成功。



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专家结论

Jacek Pawlowski
TELE-satellite
Test Center
Poland

\+

电视探险家 2+ 是一台令人惊奇、用途广泛、人机互动友好的专业设备。它特别适合用于建立、维护卫星接收站/地面天线及其信号传输网络。它也是一台功能足够齐全、用于检测模拟或数字有线电视网络的仪器。它能甚至可以用来检查 FM 广播或 DVB-H 的信号！它的 TFT 液晶显示屏即使在在明亮的日光下也易于读取。

\-

没有。

TECHNIC DATA

Manufacturer	PROMAX Electronica S. A., C/ Francesc Moragas, 71, 08907 L'Hospitalet de Llobregat, SPAIN
Tel	+34-932-602-000
Website	www.promax.es
Email	promax@promax.es
Model	Promax TV Explorer II+
Function	Universal Satellite Signal Meter and Analyzer
Type of signals processed	Analog TV terrestrial/cable and satellite, DVB-S, DVB-S2, DVB-C, DVB-T, DVB-H, FM Radio
TV systems	PAL, SECAM, NTSC
TV standards	M, N, B, G, I, D, K and L
Tuning range	5 to 1000 MHz (terrestrial) and 950 to 2150 MHz (satellite)
Measured parameters for DVB-S (QPSK)	Power, CBER, VBER, MER, C/N and Noise Margin
Measured parameters for DVB-S2 (QPSK/8PSK)	Power, CBER, LBER, MER, C/N and Wrong Packets
Constellation diagram available for:	DVB-T/H, DVB-C, DVB-S, DVB-S2
DVB-S signal range	44 dBµV to 114 dBµV, 2 to 45 Ms/sec
DVB-S2 signal range	44 dBµV to 114 dBµV, 2 to 33 Ms/sec (QPSK) and 2 to 30 Ms/sec (8PSK)
Spectrum Analyzer (satellite range)	Input: 30 dBµV to 130 dBµV Span: Full – 500 – 200 – 100 – 50 – 32 – 16 MHz selectable
Monitor	transflective TFT 6.5 "
Aspect ratio	16:9, 4:3, Auto
External units powers supply (e.g. LNB)	5/13/15/18/24 V, 22 kHz: 0.65 ± 0.25 V
Internal power supply	7.2V 11 Ah Li-ion Battery 4.5 hours of continuous operation
Recharging time	3 hours to 80%
External power supply	12 V, 30 W
Operating temperature	5 to 40° C
Humidity	80% (up to 31° C) decreasing linearly to 50% at 40° C
Dimensions	230 x 161 x 76 mm
Weight	2.2 kg

What do all these acronyms mean?

QPSK *— phase modulation used in DVB-S and DVB-S2 transmissions. 4 phase angles are used.*

8PSK *— phase modulation used in DVB-S2 transmissions. 8 phase angles are used. If used instead of QPSK, more data can be sent in the same bandwidth.*

QAM *— phase/amplitude modulation used in DVB-C transmission. Different number of phase angles and amplitude levels are used depending on the mode: 16QAM, 32QAM, 64QAM, 128QAM or 256QAM.*

COFDM *— complex modulation used in DVB-T optimized to be insensitive to the interference typical for terrestrial TV.*

L-Band *— frequency range 950-2150 MHz to which all satellite signals are converted to by an LNB (Ku-, C- or S-band). This frequency range is used to transmit satellite signals via a cable from an LNB to a satellite meter and/or satellite receiver.*

MPEG-2 *— the older compression method used for digital video in DVB. Still widely used for standard definition channels.*

MPEG-4 *— the newer more efficient compression method for digital video in DVB-S2 and DVB-T/H.*

C/N *— carrier-to-noise ratio expressed in dB. One of the basic terms used to assess signal quality. The higher the C/N, the better the signal. In practice, it is difficult to measure it correctly because it is not possible to switch the transponder off and measure only the noise. The meter tries to find a noise level next to the transponder signal and uses it as a reference. The readings may be too pessimistic.*

BER *— bit error rate: a measure of digital signal quality telling us how often we have a false bit in an incoming data stream. Thus, $3x10^{-4}$ means that in 10,000 bits we have 3 false bits (0's instead of 1's or vice versa). The lower the BER the better. For example, $4x10^{-5}$ is better than $1x10^{-4}$.*

CBER *— channel BER. Bit error rate before the forward error correction technique is used.*

VBER *— Viterbi BER. Bit error rate after the Viterbi forward error correction technique has been applied. VBER is always much better (lower) than CBER. Signals with a VBER = $1x10^{-4}$ are regarded as Quasi Error Free (QEF). It is marked on the bar indicator scale when the TV Explorer II+ is in VBER measuring mode.*

LBER *— BER after Low Density Parity Check. This is an equivalent of VBER for DVB-S2 signals.*

MER *— modulation error ratio. The relation between the average power of a DVB signal and the average power of noise present in the constellation of a signal. It is "a digital equivalent of signal-to-noise" ratio in analog transmissions. So, the higher the MER the better (like C/N). The TV Explorer II+ also shows the noise margin (in dB) when in MER measurement mode. We should have at least a 3 dB noise margin to ensure good reception even in bad weather conditions.*

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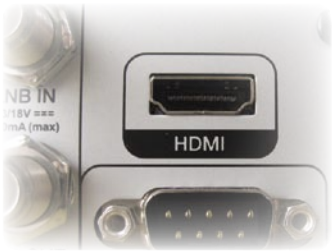
信息条 |

高清电视这个词已经深入人心，无数等离子和液晶电视的用户正在耐心地期盼这项新技术来一次突破。在欧洲，虽然有为数不多的高清电视传输，但是大部份的频道仍然还是标清格式。如果你想要在一个大屏幕电视上看标清节目,那你就会很快发现这种办法并不妙。

韩国的 Arion 公司想出在 PVR 接收机内建适配器的方法有助于这一问题的解决。适配器的作用就是接收信号并且将减少的像素补充上，而这些像素不包含任何光栅,有些只是简单的增加。

AF9400 PVR HDMI 的外观简洁而又典雅。在前面板上有很容易读取的 VFD 显示窗，还有仓门后面的八个按钮，不用遥控器就可以控制接收机。还有两个典型的 CI 插槽(Irdeto、Seca、Viaccess、Conax、Nagravision 等等)。左右两端的LED 显示着接收机的操作状态。

当我们看到后面板的时候，眼镜有些发亮：它居然有



两组一进一出的卫星信号接口，可以连接两个高频头,我们还发现了两组欧插,S 视频输出和 HDMI 接口可以将接收机连结到等离子或 LCD 电视机上。还有三个 RCA 视频插口和立体声音频输出插口,一个 0/12 V 输出插口，一个 RS-232 接口, USB 2.0 输出接口可以连接到个人计算机上，还有一个射频输出口,当然,还有光纤数字音频输出。更有一个电源开关。

随机的遥控器按照人体工学的原理设计而成，握在手中使你感觉按键分类排列清晰。Arion 还附赠一个更小的且功能少一些的遥控器，这是一个很有趣的创意, 因为它会使那些对技术不熟悉的家庭成员使用新接收机时更容易些。

尤其值得注目的是详尽的使用手册，其编排逻辑性很强，逐步解释了该接收机的每个功能。

日常使用

新款 Arion 接收机具有多种屏幕菜单语言。有英语、德语、法语、意大利语、西班牙语、希腊语、匈牙利语、荷兰语、波斯语、波兰语和葡萄牙语，使用者还能选择罗马尼亚语、俄语、瑞语、典塞尔维亚语和土耳其语。

电视信号经过适配器时以 RGB 和 CVBS 模式送送。另外,也可用 4:3 和 16:9 比例显示。可以自动选择 PAL 和 NTSC 两种制式。

由于该 PVR 具有两对高频头,且两对高频头又可以分别以三种不同的模式操作。在环路模式下,由于输入信号进来又绕出来，只需要一个卫星信号源，因为它要穿过第一个

connect two LNBs to two STBs using onecable

global invacom
completing the picture

Stacker De-Stacker
Stacker De-Stacker*plus*

globalinvacom.com

The Stacker De-Stacker enables two IF feeds, taken from the LNB or Multi-Switch, to be combined together (with UHF) onto a single coaxial cable for connection to PVRs or independent STBs.

Two versions are available now from globalinvacom distributors:

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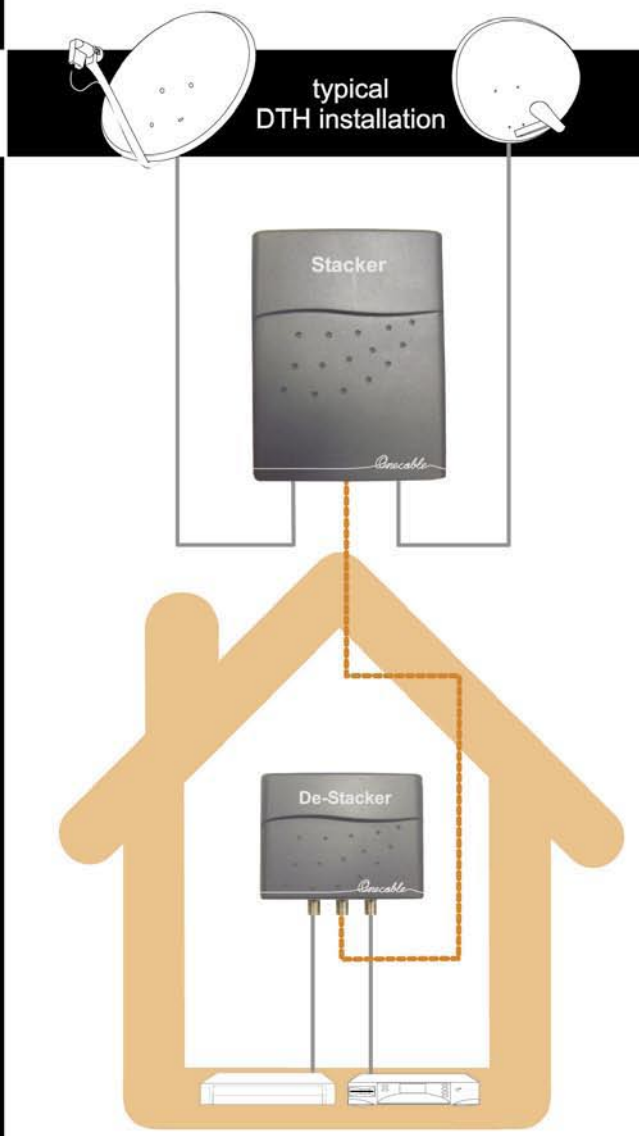
* using RG6/CT100 type cable



Winterdale Manor, Southminster Road, Althorne, Essex. CM3 6BX
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高频头到第二个高频头。在这种情况下，当一个频道在录制的时候，第二个高频头里是不会有其余频道的。在双高频头模式下，两高频头同时输入卫星信号，两个高频头可以同时得到信号。在T1/T2 模式下，AF9400 PVR HDMI 的两个高频头都被各自独立的卫星信号占用。在这个模式里，两个高频头不再同时获得相同的频道。

在安装助手菜单中可以直接设置极轴天线 (DiSEqC 1.2 或 1.3/USALS)。然后它会显示 54 个卫星的目录，遗憾的是这不是最新的。

在安装过程中，只需用按钮就会轻松设置每个卫星的 LNB 和 DiSEqC 参数。除此之外，Arion AF9400 PVR HDMI 也支持 DiSEqC 1.0 和 1.1 协议，因而它能够接驳多达 16 个 LNB。它不像多数其他制造厂家的接收机，这款新型 Arion 接收机实际上可以编程使每个卫星都输出 0/12 V 信号。

在按下红色按钮之后，Arion 开始扫描我们挑选的卫星，并在 4 分 20 秒内完成对 110 个转发器的扫描。

主菜单被分成六大部分：在频道搜寻菜单里，可以设置多个天线和卫星数据。接收机可以进行自动、人工和 PID 扫描。当然，若只需要免费 (FTA) 频道时可以选择网络扫描。

在频道编辑菜单里，编辑频道和转发器目录很容易。它能储存多达 8000 个频道，在这个菜单中可以进行删除、移动和重新命名，可以用一个密码锁住某一转发器，也可以编辑喜爱频道目录。

对于等离子和 LCD 电视的用户，菜单设置尤其有趣：在这里，你可以按照个人需在选择 HDMI 信号输出。在我们的测试中，使用一台 Technisat LCD 和一台先锋等离子电视，图像马上变得很清楚，要得到最佳的图像质量这一步是必需的。在设置完亮度、对比度和锐度之后，你可以将噪音控制设定为三个不同的水平。

适配器能以三种不同的显示模式工作：576p、720p 和 1080i。如果你仍然想要用欧插而不是 HDMI 输出的话，所有的必需设置在相同的菜单里也可以进行。接收机通过欧插提供 CVBS 和 RGB 信号。它还可以提供 S 视频输出，遗憾的是没有 YUV。

接下来是 CI 模块、硬盘和对先前录制节目的后解密。当然，制造厂家也提供一些额外的功能，如计算器、日历和几款游戏。

需要强调的是后解密。该接收机可以随时预置录制节目并储存在它的硬盘上，还可以自动解密。令人失望的是录制的节目其供应商会改变加密密钥，所以会造成不能解密以前录制节目的情况。只要 CI 模块支持后解密功能，接收机就能同时录制两套节目并解密后加以储存。在对一个 Alphacrypt CI 模块进行的测试中，它能正常地工作。

Arion AF9400 PVR HDMI 被制造厂家预先安装了硬盘，你也可以选择自己需要的硬盘。制造厂家安装的硬盘专门是为家庭娱乐之用，因此噪音很小，它也可以由用户设定时间自动停下。

在进行完一大堆设置之后，我们当然想要进一步了解接收机的操作性能。吸引我们注意的是它可以同时录制四套节目的能力。

由于接收机只有两个高频头输入端，四套节目当然只能从两个转发器上录制。由于录制节目的数量有限，接收机会将接收不到的那些频道从频道目录上删除。

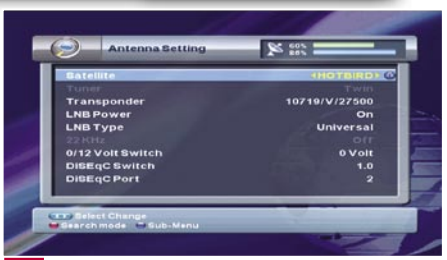
已经看过的录制节目会作上标记。接收机还能识别录

EPG 扩展信息

技术参数

EPG

主菜单



每个卫星的设置

HDMI 的设置

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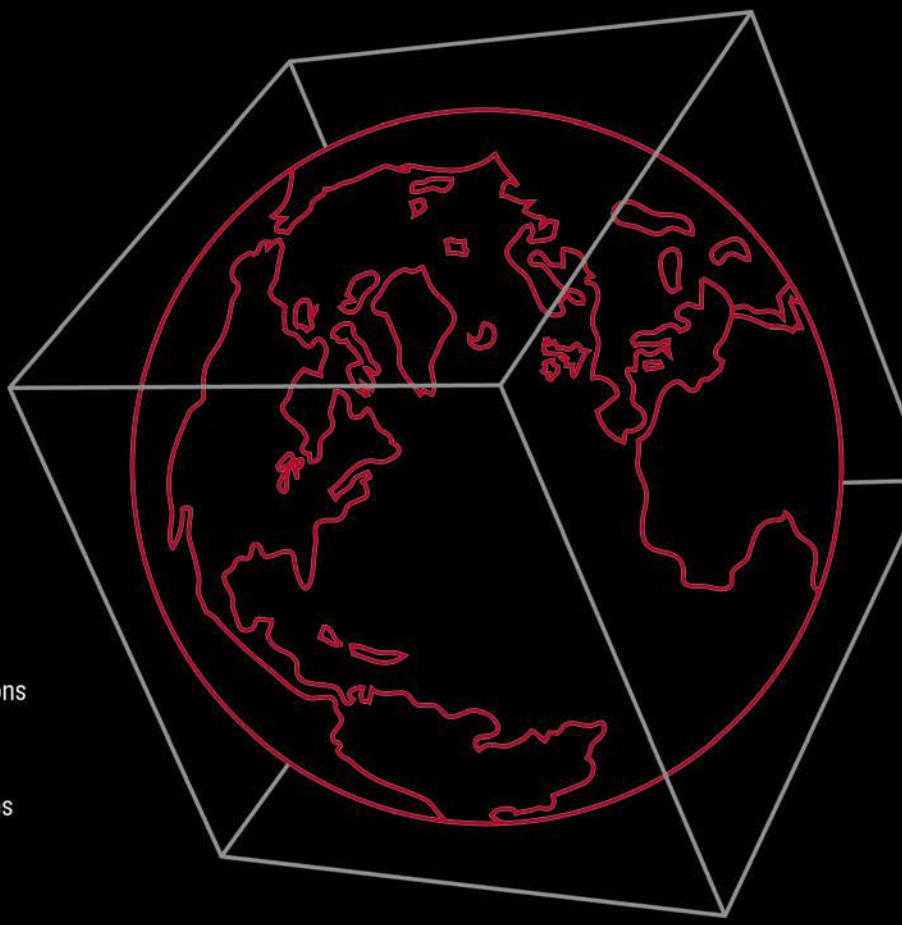

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制时停止的地点以便再按下按钮后重新从停止的地方开始录制。

按下“OK”按钮，就会看到详细的频道目录。借助于功能按钮,频道目录可以根据高频头或免费、加密方式分类，也可以按字母顺序存储。借助多画面功能,你可以同时浏览2、4、9、10、13 或 16个不同的频道。

频道转换时，会暂时出现一个信息条，并显示现在的信息和即将来临的节目信息，还有特定的频道数据 (图文电视文件、副标题、数字杜比音频等等)和当前卫星的信息。只要节目供应商提供该信息，再次按下“OK”按钮就会显示当前节目的扩展 EPG 信息。再按下这个按钮，就会显示相关的技术参数，如频率、极化、符码率和 PID 码。

Arion 的 EPG 很不错，它的显示极具逻辑性,可以快速地正确分类显示所有的信息。通过 EPG 可以直接设置定时器。

Arion 制造的高频头具有良好的信号敏感度，在接收26° E 上 BADR 卫星和 7° W 上 NILESAT 卫星的微弱信号时没有任何问题。接收机也赢得了我们的 SCPC 测试,2~45 Ms/秒的符码率范围确实是真实的。另外一些本地测试也都值得肯定。显而易见，高度敏感的 Arion 高频头是赢得竞争的第一步，它在门限水平上接收到的信号，其质量之好令人惊奇。

做为一个制造厂家,为了保持市场优势，它的 PVR 接收机配备了 USB 2.0 和网络接口，尽管电影业界和一些付费电视节目供应商对此不太欢迎。 Arion 在这方面没有放过任何机会，事实上,他们走得更远：安装了专门的芯片集，因而可以尽享 USB 2.0 接口的全部功能。接收机用了差不多三分钟将容量为 2GB 的录制的节目从接收机传送到个人计算机上，这里没有使用任何特殊的软件，因为其硬盘是经过微软公司认证的存储器。Arion 也提供一个免费的编辑器，可以让你在个人计算机上编辑处理频道和喜欢的东西。

Arion不断地致力于接收机的开发,新版软件可以通过卫星下载，也可以用个人计算机从网上下载后通过 USB 接口导入，然后再通过数据管理器激活。对频道目录，它可以转眼间下载完毕而不必经过一系列界面。向前或向后再现频道目录可以连续进行。

专家结论

Thomas Haring
TELE-satellite
Test Center
Austria

\+

Arion AF9400 PVR HDMI 是一款坚固耐用且易于使用的接收机，在我们的测试过程中没有出现任何问题。由于内建适配器,普通的标清电视频道能够显示出较好的图像质量。即使这些频道由于发行成本的原因使其图像质量低于平均水平，也能使图像质量有所改善。如果一个频道具有较高的传输质量,得益于适配器，可以使观赏更自然，也有更多的乐趣。尤其值得注目的是,快速的 USB 2.0 接口可同时录制四套节目。

\-

卫星和转发器目录应该经常更新

TECHNIC DATA

Manufacturer	Arion, South Korea
Tel	+82 (0) 31 361 3000
Fax	+49 (0) 31 361 3099
E-Mail	info@arion.co.kr
Model	AF9400PVR HDMI
Function	Digital Satellite PVR Receiver with built-in Scaler
Channel Memory	8000
Satellites	54
Symbolrate	2~45 Ms/sec. (in our Test starting at 2 Ms/s)
SCPC Compatible	yes
USALS	yes
DiSEqC	1.0 / 1.1 / 1.2 / 1.3
Scart Connectors	2
Audio/Video Outputs	3 x RCA
UHF Output	yes
0/12 Volt Output	yes
Digital Audio Output	yes
EPG	yes
C/Ku-Band Compatible	yes
Power Supply	100-240 VAC, 50/60 Hz

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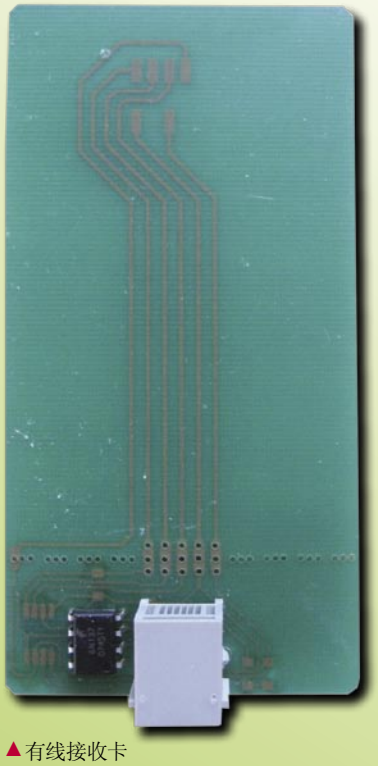
L-7257 Helmsange-Walferdange, Luxembourg

享卡器

将付费电视节目发送到各个房间

▲最多可以支持 4 张卡的有线控制单元

为了要在各个房间都接收到付费电视节目,目前只有或多或少三种实际解决办法: 你要么将各个房间布满馈线并建立起自己的电缆网络,要么用视频发射器将信号分送到多个电视。但主要问题是所有的电视只能同时收看相同的频道。第三种办法是订购多套付费电视节目,这显然对于大部分消费者来说不可行。



▲有线接收卡

如果你想要解决这个问题,正如《国际卫星电视》介绍过的诸如 Invacom 的光纤 LNB 等新产品, 借助现代光纤技术的帮助,将来我们可以将卫星、有线电视或者 IPTV 信号传送到屋子中的每个房间。这使将付费电视节目解密并传送给多个电视更为重要。

还有一种使用一张付费卡支持多个电视成为可能的解决办法就是享卡器。生产享卡器的公司给了我们邮来了他们产品线的分类测试报告:

- B 型无线享卡器,用于 Viaccess、Conax、Cryptoworks、Mediaguard 和 Irdeto 卡;
- CSPRO-8 有线享卡器,用于 Irdeto 卡;
- CSPRO-4 有线享卡器,用于 Viaccess、Conax、Cryptoworks 和 Mediaguard 卡。

还包括若干接收卡(无线和有线),连同必需的天线。

打开包装的时候,所有的产品都制作得质量精良,这给我们留下了很好的印象。能够同时处理四张付费卡的最昂贵版本没有送来,唯一提供的是有 8 到 16 个输出的版本。

虽然控制单元的输入电压为 12V,但还需要一个 6～9 V 的电源,制造厂家没有提供。

CSPRO-4/8 享卡器

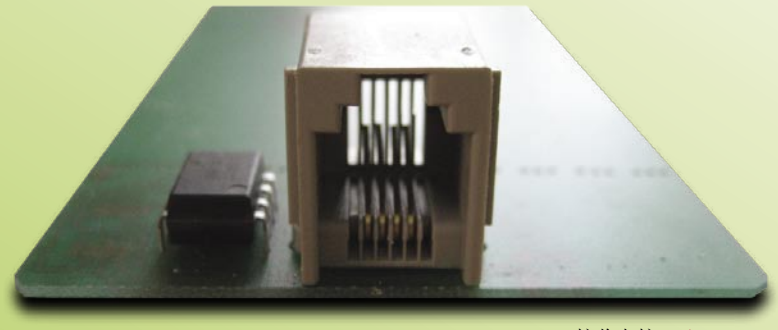
首先,当接收终端之间距离很近的时候,就可以用到有线版的享卡器了。典型的用法是当一个接收机正在接收付费电视节目时候,另一个内建录像机的接收机会同时录制另一个频道的节目。

因为这需要两个接收机,所提供的付费卡片就由两者共享。CSPRO 系列享卡器可以连接 4、8 或 16 张接收卡。不要看错,每个控制盒上的插口都能接驳两张接收卡。即使只有两个插口的最小版本也能接驳四张接收卡。

日常使用

在第一次使用享卡器之前不必进行初始设定或者做什么准备。使用者只需在控制单元中插入付费电视节目卡并且接上电源。然后,接收卡和控制单元之间就用随机带来的连接线连结上就可以了。

我们首先选择的是 Cryptoworks ORF(奥地利电视台)卡,控制单元很容易就识别出来。前面板上红色的 LED 就显示出这一点。然后,我们用连接线接上两张接收机卡,连同两个匹配的 CI 模块插入两个接收机内,就耐心地等候付费电视节目的解密了。但是两个接收机一直黑着,这说明我们的卡有问题。我们马上联系厂家,他们早已经知道这个问题。他们跟我们解释说当第一次接驳接收机的时候, 接收卡是空的,而 ATR 一定要转到卡上的 EPROM 里。有的只需几毫秒,但是对于有些接收机则要长些,所以此时由于无法读取 ATR,所以它们认为卡有问题。



接收卡接口▲

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conax

XCRYPT

Blind Scan

NanoXX 9500HD

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+ 2 Common Interface Slots und 1 Smart Card Reader for Conax, X-Crypt, DG-Crypt, Firecrypt and Crypton
+ HDMI Ver. 1.2, S-VHS und YPbPr Outputs

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Blind Scan

NanoXX 9200, 9400

Digital Satellite Receiver of Premium Quality

+ 10.000 Channels Memory, Blindscan-Tuner
+ USB1.1 Plug for Software + Channellist Upgrades + JPG-Foto Show
+ 2 Smart Card Reader for Conax, X-Crypt, DG-Crypt, Firecrypt and Crypton
+ Nanoxx 9400: same as 9200 but additional 2 Common Interface Slots

conax
XCRYPT
Blind Scan

NanoXX 9300C

Digital Cable Receiver of Premium Quality

+ 10.000 Channels Memory, Blindscan-Tuner, DVB-C Standard
+ USB1.1 Plug for Software + Channellist Upgrades + JPG-Foto Show
+ 1 Smart Card Reader for Conax, X-Crypt, DG-Crypt, Firecrypt and Crypton
+ 2 Common Interface Slots

iP Internet Protocoll Personal Video Recorder PVR

XCRYPT

NanoXX 9600IP

Digital Satellite Receiver incl. IP PVR Function*

+ 6.000 Channels Memory,
+ Ethernet RJ45 Plug for Software Upgrades via Internet
+ 1 Smart Card Reader for XCrypt

iP Internet Protocoll Personal Video Recorder PVR

* Record Video in MPEG format directly over your LAN Home Network to the hard disk of your Personal Computer (Windows). The needed Software Tool is included on CD Rom.
Before you can use the IP PVR function an automatic software upgrade via the internet has to be made to the Set-Top-Box in order to install the latest firmware version to the Set-Top-Box (Internet connection required).

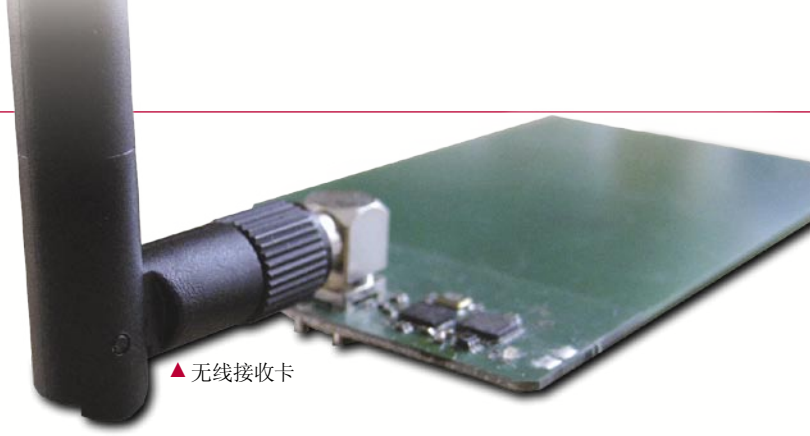
Distribution Germany
MatriXX Systems GmbH
Industriestr. 2
D - 65835 Liederbach
http://www.matrixxsystems.de

Distribution Switzerland
Telanor AG
Bachstr. 42
CH - 4654 Lostorf
http://www.telanor.ch

Distribution Austria
Pötzelsberger Electronic GesmbH
Münchner Bundesstraße 121a
A - 5020 Salzburg
http://www.p-sat.at

http://www.nanoxx.info

NANOXX



▲无线接收卡

要解决这个问题，只需将卡从 CI 模块里取出来然后再插进去。由于 ATR 读取出来并储存进卡里,再识别的时候就没有任何问题了。

厂家的这一招太绝了，于是我们就把两张卡从 CI 模块中取出并再次插入,随后解密的 ORF 图像就从两个接收机上输出出来。

由于初战告捷,我们的胆子就大了些:我们试验用四个 Cryptoworks 模块和杂志社库存的一些接收机来组成四个 CI 接收机。我们很快将四张接收卡连接上厂家给我们提供的控制单元,我们期望着这四个 CI 接收机和享卡器珠联璧合。两名同事开始快速地浏览各个频道，CSPRO 毫无悬念地没有任何延迟地通过了这个测试。

最多可以支持 8 张卡的有线控制单元 ▲

我们使用 Mediaguard 和 Conax 付费卡来插入多个接收机进行测试也取得同样的成功。最后我们还测试了一张 Irdeto 版本的 Euro1080 卡，同样也都没有问题。

ATR 一旦写入接收卡，如果再使用其它加密方式时必须删除重写。对于用过 Viaccess、Conax、Cryptoworks 或 Mediaguard 方式的接收卡来说，这不成问题。只需将卡马上插入控制单元即可。遗憾的是对于用过 Irdeto 方式的卡,必须用读卡器通过计算机来删除。关于这点，制造厂家在它的网站上提供一个相应的程序和详细的下载指导。

无线享卡器

除了有线的版本之外，享卡器还提供一个无线的版本。与 CSPRO 系列相比较，无线的版本能处理五种不同加密码方案：Irdeto、Conax、Viaccess、Cryptoworks 和 Mediaguard。

前面板身上红色和绿色的 LED 显示着控制单元和读卡器的操作状态。在其最上面是 WLAN 天线，背面是 6～9 V 电源接口，它也能接入 12V 的电源。

日常使用

与有线版本不同，在它第一次使用之前，无线版本的享卡器必须进行初始设定。这样做的理由非常明显：它需要确认要处理的卡是所需要的而不是整个公寓大楼里其它的。

首先，控制单元需要在空置状态下开机，然后才插入付费电视节目卡。接下来它会进行自检并确认反应时间。控制单元需要了解卡片对指令产生反应所需要的时间，这对下一步使用享卡器很重要。当 LED 缓慢地持续眨眼的时候，显示测试完毕，卡可以拿出来了。

然后，所有的卡马上插入控制单元中进行初始化，确定传输频率并读取 ATR 值。控制单元接入电源后，数据和其他的参数便开始进行无线传输。

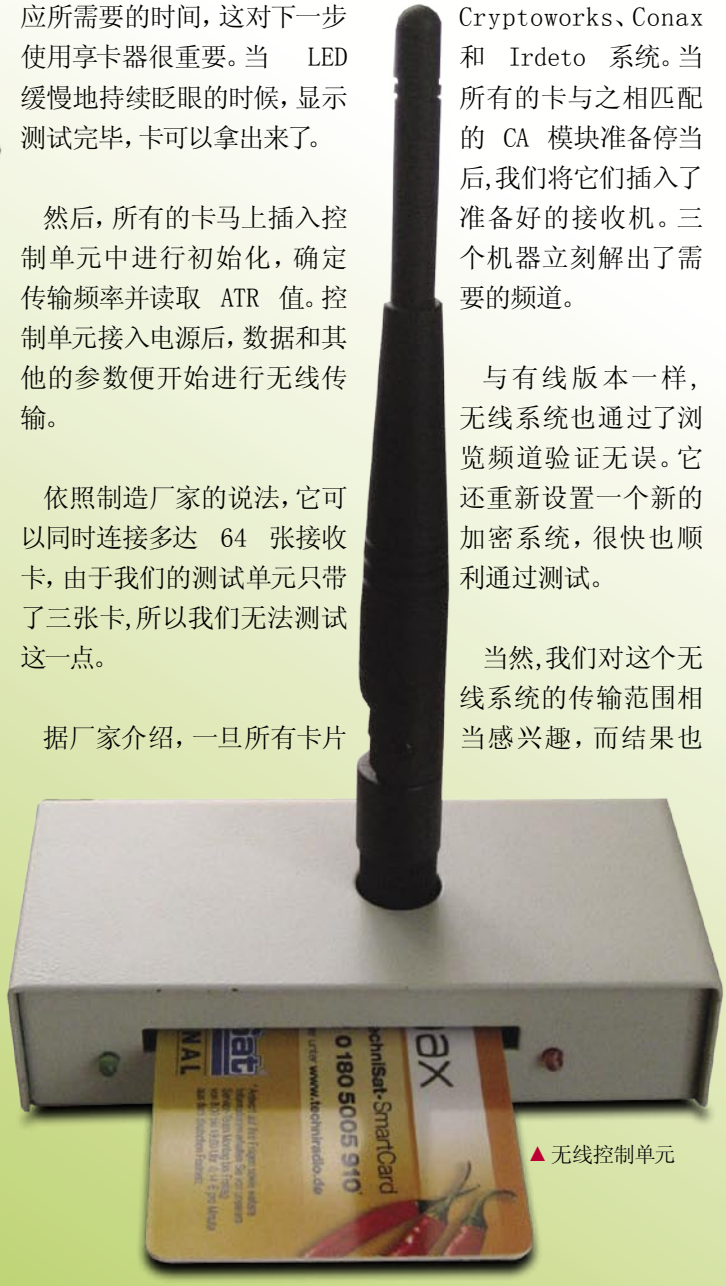
依照制造厂家的说法，它可以同时连接多达 64 张接收卡，由于我们的测试单元只带了三张卡,所以我们无法测试这一点。

据厂家介绍，一旦所有卡片完成初始设定,控制单位就将这些卡锁定了，这样其它未经认可的卡片就不再能加入进来。要增加的话实际上相当容易：只需在卡片未拔出的状态下将控制单元的电源关闭然后重新打开。若要使接收卡取消锁定，只需将其拔出再向控制单元恢复供电。

与有线版本一样，无线享卡器也被验证支持 Cryptoworks、Conax 和 Irdeto 系统。当所有的卡与之相匹配的 CA 模块准备停当后,我们将它们插入了准备好的接收机。三个机器立刻解出了需要的频道。

与有线版本一样，无线系统也通过了浏览频道验证无误。它还重新设置一个新的加密系统，很快也顺利通过测试。

当然,我们对这个无线系统的传输范围相当感兴趣，而结果也



▲无线控制单元

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Spectrogram and Merogram: monitors spectrum and MER by channel to trace impulsional impairments (*patent pending)

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■ 有线享卡系统

令人非常惊奇：尽管接收卡和控制单元被分别放置在我们办公大楼的三楼和一楼，相隔着相当厚的墙壁，测试也丝毫不受影响。户外的结果更好，我们测试时从杂志社的眺望台向 300 米之遥的地方传送付费电视节目信号，而系统的运作没有任何延迟或干扰。

我们测试的模块其功率只有 1 mW，依照制造厂家的说法，很快就会生产出 250 mW 的型号。将来的计划包括有 0.5 W 和 1 W 两个模型，甚至还有一个带有局域网接口的也在研制中！

这就意味着在市区里信号的直线传输距离可达 100～500 米，在没有任何障碍物的空旷地方传输距离可达 2 公里！

与其他制造厂家相似的系统相比较，该享卡器产品有比较远的传输范围。为此，使用者一定得使用接收卡上的接收天线。由于它们可以进行 360° 水平和 90° 垂直的调整，你肯定可以找到一个实现良好接收的最佳位置。尤其是当系统组成网络时其覆盖和接收能力更为强大。在实测中，我们为每种加密系统选用了适当的 CI 模块，使用各种读卡器所做的多个测试都没有任何问题。

值得一提的是制造厂家还提供互联网论坛支持 （英语、希腊语和瑞典语），它提供了很多最好最快的技术服务来解决问题。

TELE-satellite World

www.TELE-satellite.com/...

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Russian	Русский	www.TELE-satellite.com/TELE-satellite-0807/rus/cardsplitter.pdf
Swedish	Svenska	www.TELE-satellite.com/TELE-satellite-0807/sve/cardsplitter.pdf
Turkish	Türkçe	www.TELE-satellite.com/TELE-satellite-0807/tur/cardsplitter.pdf

专家结论

Thomas Haring
TELE-satellite
Test Center
Austria

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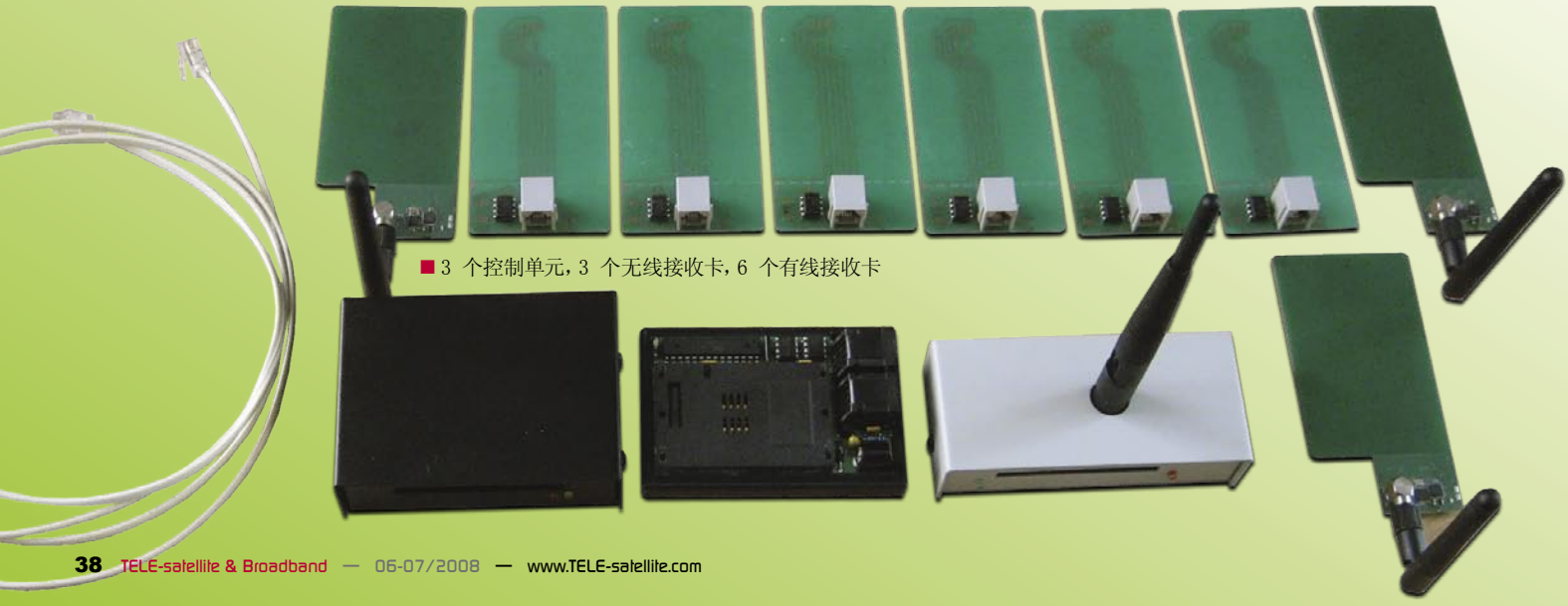
即使发送和接收装置之间的距离较远，其效果也很好，开阔地的传输距离更是可达几百米。楼宇内发送和接收的设置都非常容易。通过读卡器可以为卡编程，使用起来没有任何问题。

\-

如果还能支持 Nagravision 或 NDS 加密系统的话，那它就更完美了。控制单元的干扰应该减少。

TECHNIC DATA

Manufacturer	Decibit, 59/273 M.2, Soi Sukhonthasawat, Ladprad 71, Bangkok 10230, Thailand
Website	www.decibit.com
Distribution	www.splitter.cc
Email	info@splitter.cc
Model	Hard-wired or Wireless Smartcard Splitter System
Supported CA Systems	Irdeto, Mediaguard, Viaccess, Cryptoworks, Conax
Hard-wired Connections	4, 8 or 16 Reception Cards
Wireless Connections	up to 64 Cards
Range	max. 500m in urban use up to 2km direct line-of-sight with higher power models
Power Requirements	6~9V



■ 3 个控制单元，3 个无线接收卡，6 个有线接收卡

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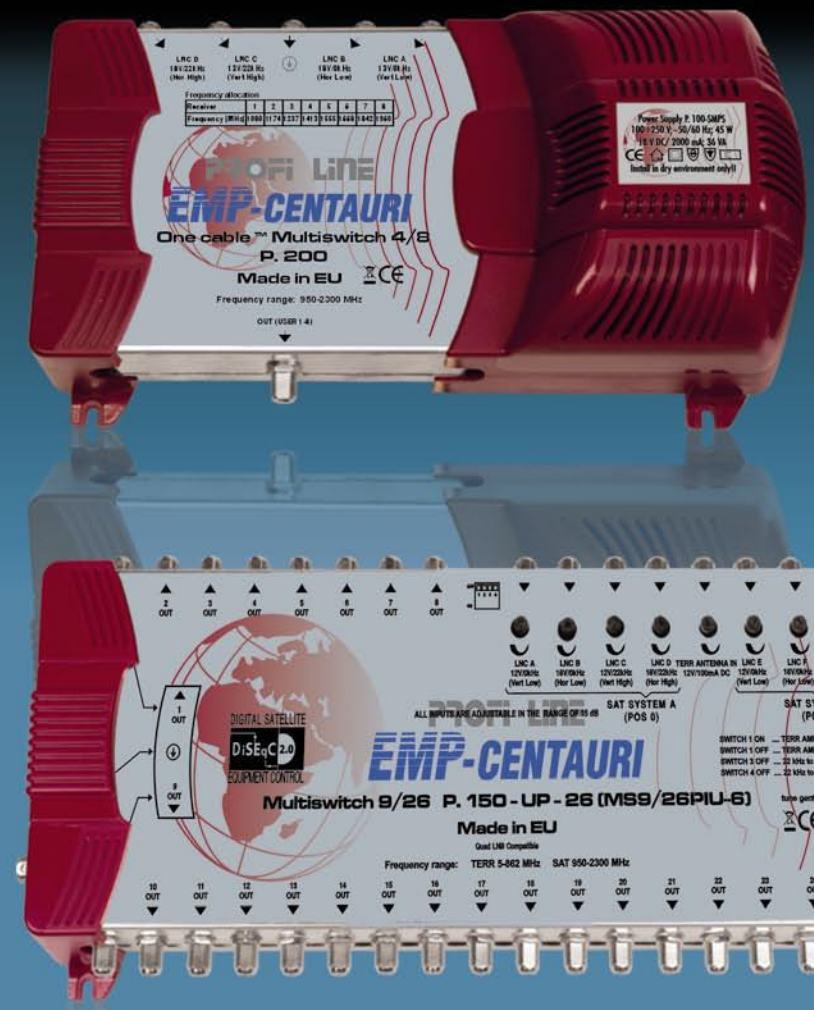

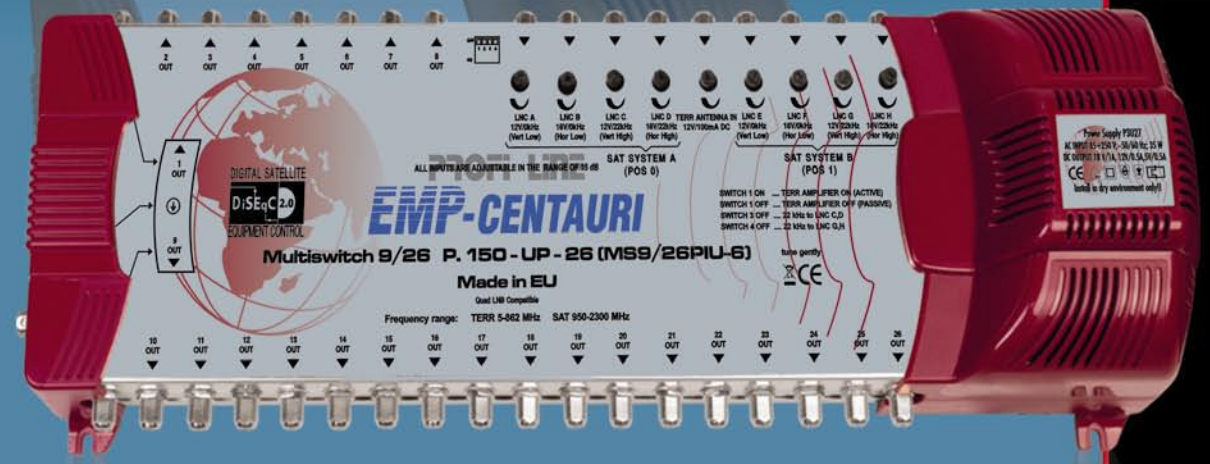

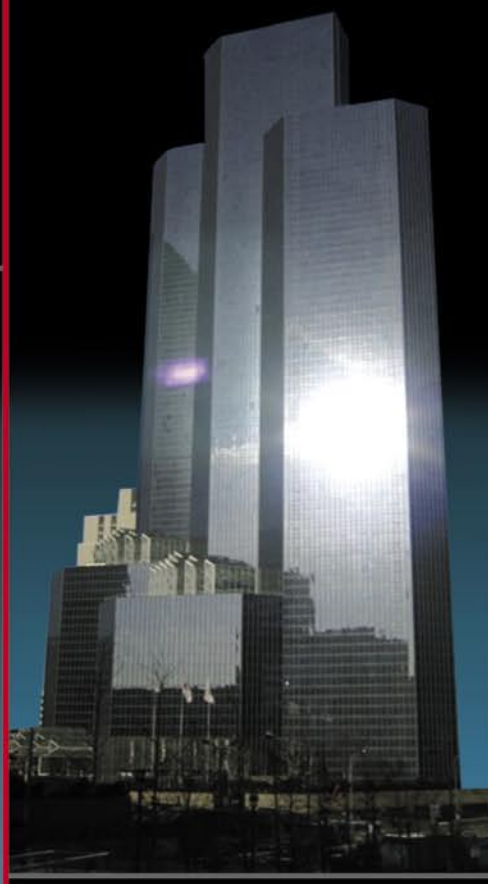

- *MS 9/26*
- *MS 9/20*
- *MS 9/16*

etc...

- *MS 17/26*
- *MS 17/20*

etc...

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Nanoxx 9500HD

在上一期《国际卫星电视电视》里，我们介绍了新的 NanoXX 9500HD。其工艺和操作能力给我们留下了深刻的印象，我们真的挑不出什么负面的东西。一些制造厂家一般弄一个测试报告后便完事大吉， 但是 NanoXX 不是这样。尽管9500HD得到了很高的赞誉，但他们仍然要求程序设计师们将新的功能纳入其中。就在此之前，我们收到消息说软件又更新了。

新的软件很容易安装： 如果将接收机连接到互联网上,只需按下一个按钮就可搞定。你也可以用电脑下载新的软件， 再用一根 USB 连线连上，然后再启动接收机软件升级功能。

在装入新的 02.0.200 版软件无误之后,我们就看看到底可以找到什么变化。现在，当你观看已储存在硬盘上第三个节目或观看直播时它还可以同步录制另外两个节目,甚至在时间同步模式下，只要三个节目都在相同的转发器上，你可以尽情地看下去。这项功能对于高清节目也适用。USB 2.0 连接的速度足够用。

甚至听力收到损害的观众还将会享受到如下功能：制造厂家更新了节目录制的程序，现在图文电视、图文电视的字幕和 DVB 字幕都能全部自动录制下来，可以随意从硬盘上回放。

回放过程也一些变化。NanoXX 9500HD 会记得上次回放停止的位置，以便当它重新开始时,会从它停止的地方接续上。还增加了另外一个功能，只需一个按钮就能让你越过那些令人厌烦的商业广告。

为了保证你喜爱节目的开头和结尾不被漏掉， NanoXX 增加了这样的功能：从最初的开始录制和结束的地方前后都自动地延长一段时间。

而当我们还在谈论它的时候，最新升级的机器已经可以让你直接设定录制频道的时间， 如首映的德国付费频道节目。为此,使用者现在要手动设定他们需要的时间长度。制造厂家改进了一些缺陷，由于硬盘容量要大于 300GB,定时器的一个错误已被改正,频道目录的问题和 Alphacrypt CI 的操作也被改进了。一些菜单条目有所改动，增加了另外一些新的功能。

所有的细节都被考虑到了,该软件升级是相当成功的,最重要是，它证明了还有一些制造厂家在你购买其产品后,不会置你的呼声于不顾。相反的，他们仍然在不断地改进你刚刚购买的产品。我们特别满意的是在第一份测试报告里提到的 Windows FAT32 硬盘格式问题已被制造厂家解决了。NanoXX 在网上放置了一个小的在线工具，可以将你的任何容量硬盘格式化成 FAT32 格式，以适应 MS Windows 的要求。

如果你认为制造厂家在做完所有这些之后便喝茶休息了,那你就错了。制造厂家向我们透露说将来的升级将把 NanoXX 9500变成一个全功能高清 IP PVR 接收机。我们迫不及待地要见识这款即将面世的新产品。

同时可以录制两套节目(包括高清节目) |

结束录制 |

设置书签功能 |

回放操作 |

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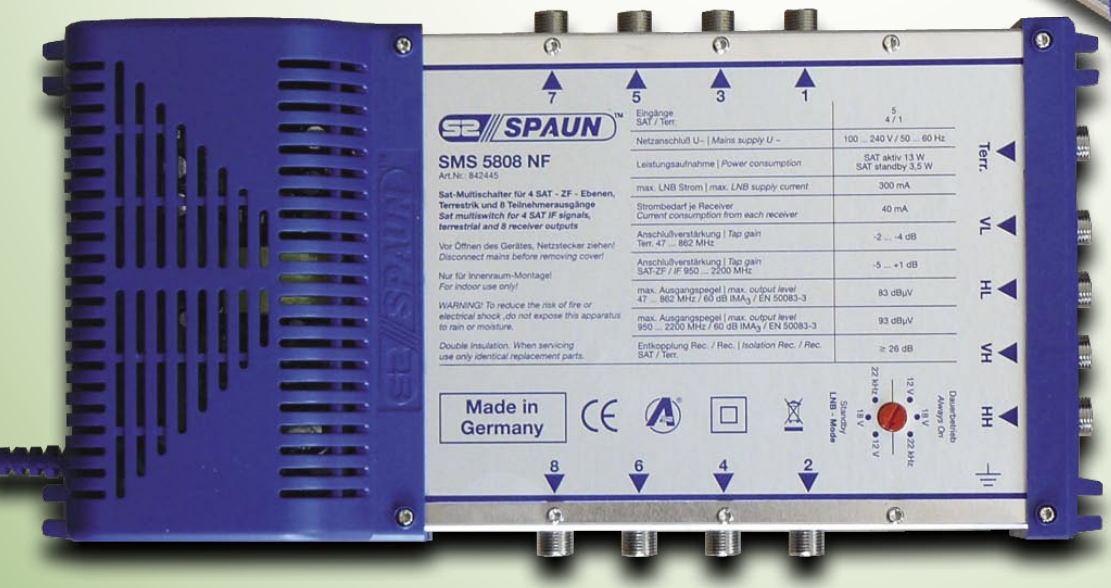
一眼看去，它并没有任何特别之处。该复合开关只有 4 个卫星输入端（4 输出 LNB）、一个接地和 8 个接收机输出端，是为两个家庭共用一套天馈系统所用的。 当然，如同所有 SPAUN 开关一样，它看起来非常专业，而且还包含我们一直需要的功能： 可以连接 4 或 2 输出 LNB，还有一个待机模式。而我们一开始测量的时候就惊呆了，它的噪声低得简直令人难以置信！

还是让我们从头开始吧。我们检查了输入电源，确信它真的是一款环保型装置。

当所有连接的接收机都处在待机模式的时候， 复合开关就切断与 LNB的连接，并且把能耗降低到 3.5 W，我们测量到在待机时的供给电流是 33 毫安 r.m.s。这意味着其能费是 7.6 伏安。如果考虑到其工作模式耗电达到 13 W，那待机模式就很有意义。它几乎为我们节省了 10 W 。



好，下一步将是选择转发器来测试输入情况，具体见表 1。如你所见，我们为每个卫星输入（VL、HL、VH 和 HH）选择了 3 个转发器，频率分别取自波段上下边缘及中间位置。我们一个一个地测量了在 8 个输出上的 12 个转发器，因此复合开关若存在任何薄弱环节就不会漏过。

那么每个端口的增益怎么

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- Quality indicator (Pre BER) displayed alongside RF Level (dBuV)
- Pre and Post BER can be displayed with their actual values (setup option)
- Toggle to display Post BER and Carrier to Noise (dB)
- DiSEqC switch commands (available from sub menu)
- Symbol rates 2Msymb to 45Msymb
- Frequency range 950 to 2150MHz
- Input impedance 75 Ohms
- LNB Pass / Fail test function
- LNB short circuit protection
- Satellite cable integrity test
- Upgradeable firmware
- Intelligent internal AC charger 100 to 240 V AC
- Automatic fast and trickle charge modes
- 12 volt in car charger supplied
- USB lead supplied
- CE approved
- Compliant with EN 61326-1 : 2006 (EMC) and EN 61010-1 : 2001 (Electrical safety)
- Registered design
- Free product support via phone and email

HDSM USB PLUS (additional features)

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- Histogram display with up to 9 simultaneous carrier measurements for single cable installations (SCR)
- Data Logging (upload installation measurement data to your PC)

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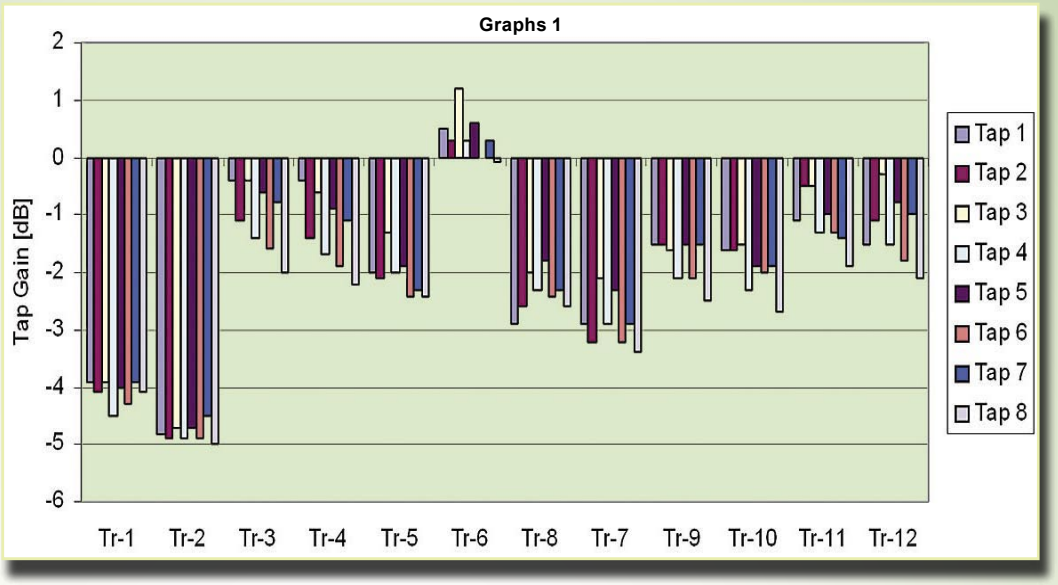
Tr-3	H	11296	HL
Tr-4	V	11278	VL
Tr-5	H	11642	HL
Tr-6	V	11662	VL
Tr-8	V	11727	VH
Tr-7	H	11747	HH
Tr-9	H	12092	HH
Tr-10	V	12111	VH
Tr-11	V	12713	VH
Tr-12	H	12731	HH

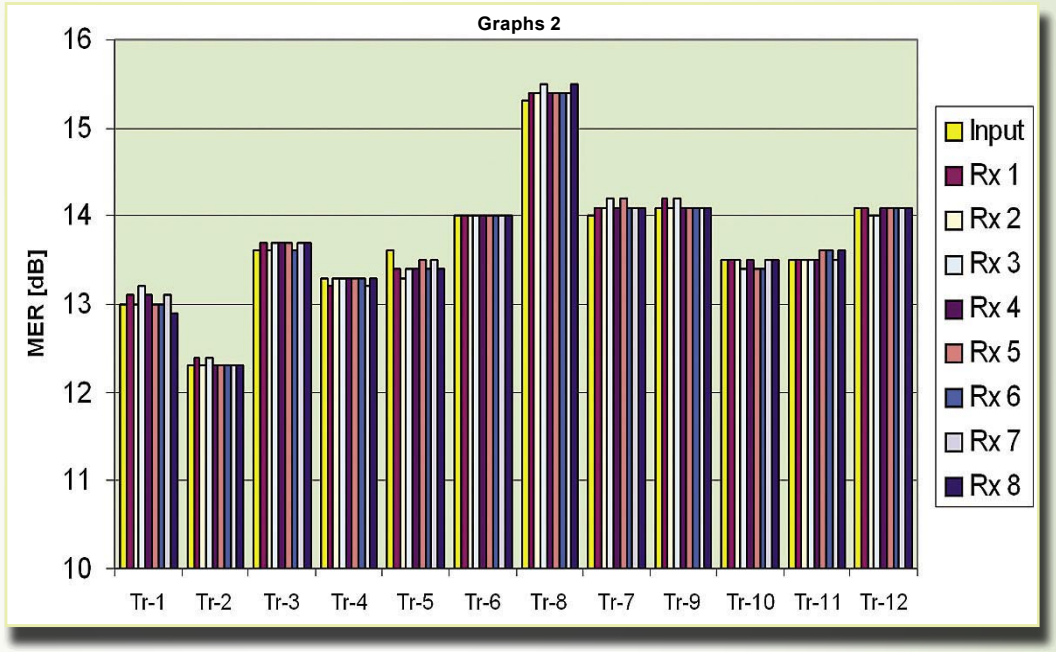
样呢？ 按照说明书标注的数值，它应该是在 —5 分贝到 +1 分贝之间。实测的结果非常好。正如你在图表(图表 1)上所看到的,实际结果完全验证了制造厂家的标称值。

而各端口之间的增益差异仅有大约一个分贝，这几乎可以忽略。

现在是最具有决定意义的测试。许多复合开关都会造成信号质量的下降。信号质量通常用 C/N 或 MER 测量。我们决定使用后者，即调制错误比率。

这次是令我们惊异的时候了。详见 MER 曲线图 (图表 2)。在输入端和所有的端口之间没有任何差异。从 SMS 5808 NF 输出的信号就像从 LNB 输出的一样！ 而且是每个端口都如此！有了这么一个复合开关，就没有必要使用再大些的碟形天线了。你的接收机收到的信号就如同直接连接到 LNB 上一样。





专家结论

Jacek Pawlowski
TELE-satellite
Test Center
Poland

\+

表现出色。具有较低的噪声和良好的增益特性，可以接驳多种LNB。值得信任而且价格不贵，还符合环保要求。制作精良。

\-

无

TECHNIC

DATA

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Email	info@spaun.de
Phone	+49 (0) 7731-86730
Fax	+49 (0) 7731-64202
Model	SMS 5808 NF
Function	Multiswitch with standby mode
Inputs	4 satellite and 1 terrestrial
Receiver outputs	8
Tap Gain SAT-IF 950...2150 MHz	-5...+1 dB
Tap Gain Terrestrial 47...862 MHz	-2...-3dB
Mains supply	100...240 V 50...60 Hz
Power consumption (operate)	13 W
Power consumption (standby)	3.5 W
LNB supply current	300 mA max.
Current consumption on receiver outputs	40 mA each
Isolation between receiver outputs	26 dB min.
Ambient temperature	-20 ... +50 °C (Indoor use only!)
Dimensions	259 x 132 x 56 mm

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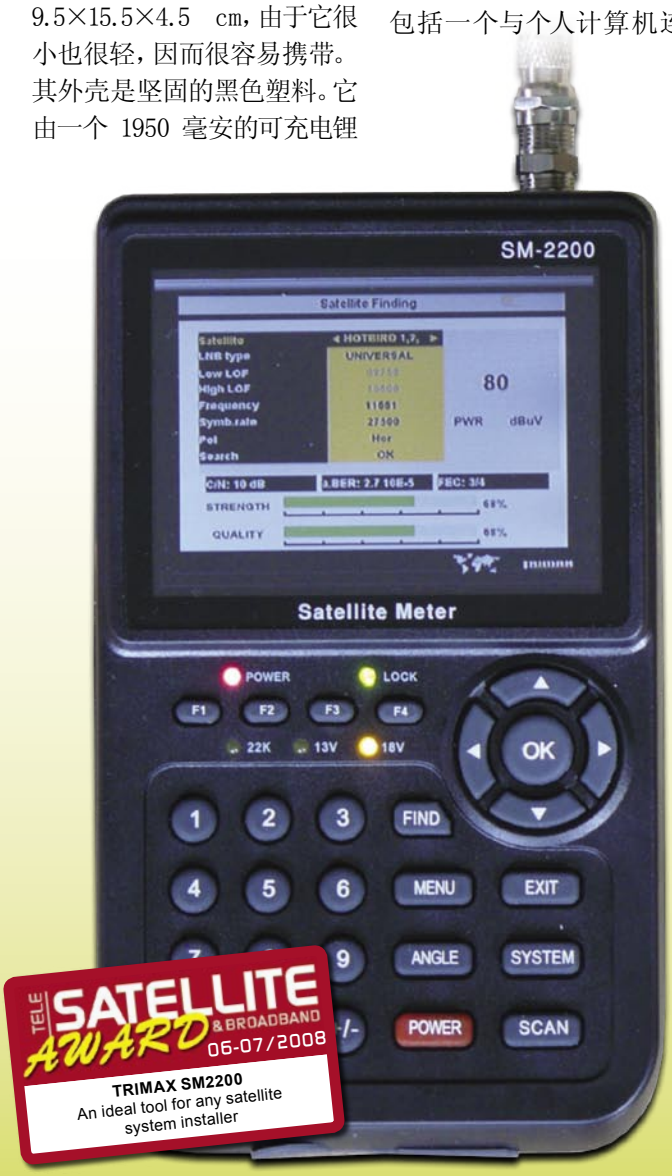
让寻找卫星信号更容易些

如果你是安装卫星天线的,那你就必须要爬上屋顶来安装,你会想过让工作尽可能容易些,如想要爬上爬下的那个梯子小一些。有时,整个工作最难的部份不是竖起天线,而是寻找客户想要接收到的那个卫星。当然,你会带上笨重的卫星频谱仪,那么有什么省事些的方法吗? Trimax 公司就有。

Trimax 公司最近推出了一款尖端的手持式信号仪,它可以大大简化安装工作。这要感谢加拿大的杰瑞•费舍(www.satmancanada.com)把一个样品寄给了我们,使我们有机会仔细研究它。它只有大约 1.25 磅(0.5 公斤)重,体积为 9.5×15.5×4.5 cm,由于它很小也很轻,因而很容易携带。其外壳是坚固的黑色塑料。它由一个 1950 毫安的可充电锂电池供电。SM-2200 的顶上有一个“ F”输入接口,底部有一个 USB 接口和直流供电接口。为防止污垢和湿气,上面有橡胶的护盖。随包裹带有一个 AC 转换器,一个汽车直流插头,一个 “F”连接头, 一个黑色护套和方便的肩绳。还包括一个与个人计算机连接用的 RS-232 接口电缆和一个 USB 连线。最后,你还会找到一本 15 页的 SM-2200 使用手册。



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Farsi	فارسي	www.TELE-satellite.com/TELE-satellite-0807/far/trimax.pdf
French	Français	www.TELE-satellite.com/TELE-satellite-0807/fra/trimax.pdf
Greek	Ελληνικά	www.TELE-satellite.com/TELE-satellite-0807/hel/trimax.pdf
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Italian	Italiano	www.TELE-satellite.com/TELE-satellite-0807/ita/trimax.pdf
Hungarian	Magyar	www.TELE-satellite.com/TELE-satellite-0807/mag/trimax.pdf
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Swedish	Svenska	www.TELE-satellite.com/TELE-satellite-0807/sve/trimax.pdf
Turkish	Türkçe	www.TELE-satellite.com/TELE-satellite-0807/tur/trimax.pdf

日常使用

当第一次给信号仪充电的时候,制造厂家建议在使用之前至少为电池充电 5个小时。通用 AC 转换器对电流的要求是 90～240VAC/50～60Hz,再加上墙壁电源插头,你几乎在世界上任何地方使用 SM-2200。汽车直流插头可以用于在路上充电。只需将插头插入车上的 12VDC 电源接口,信号仪就会在你去下个安装工作的途中充满电。当电池正在充电的时候,信号仪不能打开。前面板上的 LED 显示绿色时表明正在充电。当信号仪完全充满电的时候,它将会变红色。

卫星信号经过顶部的公“F”接头传送给信号仪。你可能觉得奇怪,为什么制造厂家安装了一个公 “F”接头并且随包提供了一个母对母的“F”接头呢?原因是随着时间的推移,母“F”头更容易被磨损。这样,或许会因修理或更换母“ F”接头而耽误工作。相反,当螺纹被损坏的时候,更换现有的母对母“F”是很容易的。显然,制造厂家考虑得很周到。

SM-2200 的前面板有 28 个操作按钮。包括数字按钮、四个功能按钮、围绕在“OK”按钮周围的上下左右按钮,还有一组操控菜单的按钮,以及电源开关按钮。它能显示五种状态: 电源能量、信号锁定、22 KHz和 13V 和 18V 极化。当然,在前面板上最显眼的是 3.5 吋 TFT 液晶显示器。你不仅能就在这个屏幕上看到所有的菜单界面,而且你也能在 SM-2200 上直接收看卫星电视频道! 事实上,这就确保了你所搜寻到的卫星就是想要的卫星。

信号仪充满电后,按下红色电源按钮大约一秒之后就开机了。如果你是第一次开机或者它可能已经被重新设定,这时需要输入随包带来的登录密码。此后你每次开机就会直接到达信号仪的主菜单。而后信号仪需要设定使用区域。从主菜单屏幕使用箭头可以找到“系统设定”后按下“OK”按钮。如果它碰巧在

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信号仪以及附件

电视模式下，使用前面板上的系统按钮就能直接进入系统设定界面。从系统设定界面，你可以选择适当的语言（英语或俄语）、正确的电视制式(PAL、NTSC、SECAM或者自动)，并能根据使用者的要求设定定时关机(5、10、15 或 20 分钟)来关闭 LCD 屏幕。开始测试时，我们要使用信号仪将天线对准 97° W 的银河 25 卫星。我们选择英语做为我们的菜单语言，我们将电视制式设定为 PAL 制。在系统设定菜单里，你可以进行出厂设定，并看看当前信号仪所装软件的版本。当所有设定完成后,按下“退出”按钮即回到主菜单。

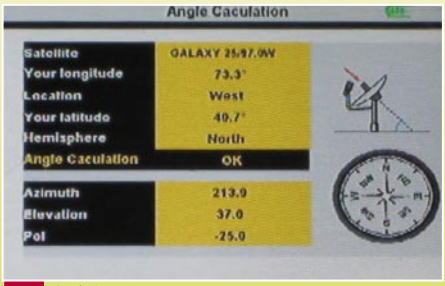
系统设定完成后，下一步就是进行天线设定。从主菜单上选定卫星设置并按下“OK”按钮，然后选择天线设定并再次按下“OK”按钮。天线设定菜单会让你选择一个卫星并调整其参数，以使信号仪能够接收到来自天线的一个信号。当卫星名称被加亮时，我们用左/右箭头选择银河 25 卫星。我们天线上使用的是 10.750 GHz 标准本振的 Ku 波段 LNB。在天线设定菜单里，我们选择好 LNB 类型并用左/右箭头选择了 10750 GHz。其他预置的 LOF 设定包括 5150 和 9750,既有通用的也可以由用户自己设定。根据客户的需要，可以修改设定为 11.250 GHz 的 LOF，这是用来接收北美直播卫星的 LOF。在通用设定状态下，高、低 LOF 和 22 KHz的设定都可以按照你的需要自动完成。LNB 电源的设定能使信号仪根据实际的极化来选择 13V 或 18V ，也可以完全关掉电源。在自动模式中，它选择以极化为基础的适当电压。

我们想要调整的天线使用一个 DiSEqC 1.0 开关来控制，所以信号仪也需要作相应的设定。我们在天线设定菜单里选择了开关类型，并用左右箭头选择到 DiSEqC 1.0，使这一功能开始工作。我们选择了 DiSEqC 开关的 #2 输入端口。这些设定完成后,按下“退出”按钮后，再按下“OK”按钮保存这些设定。

此时，信号仪已经准备好寻找卫星。我们在室外测试信号仪的那天是多云，所以液晶屏幕的显示状况更易于观察。但是即使在阳光充足的晴天，其屏幕图像仍可清晰可见。作为第一个测试,我们想要看看它会如何找到 97° W 的银河 25 卫星。信号仪预置了这个卫星上所有的转发器，所以只需具体选择了。从主菜单里我们找到了该卫星并按下“OK”按

天线设置

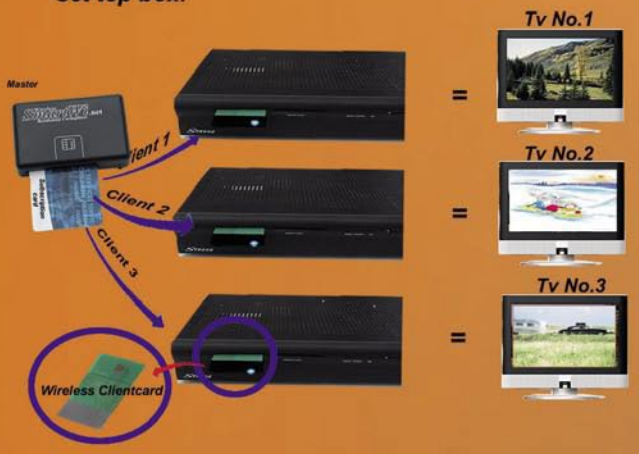
卫星搜寻



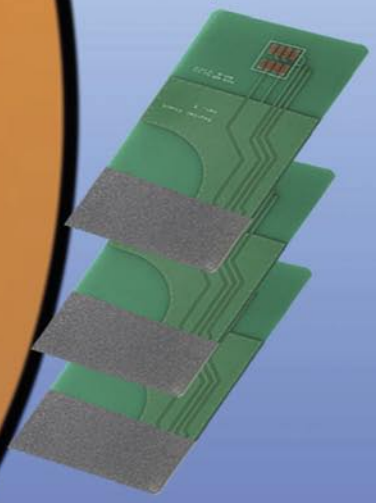
角度指引

Wireless SmartWi.net
Residential Cardsplitter

SmartWi is a wireless card splitter solution witch can be used in household with more than one set top box.



SmartWi split your subscription card and make is possible to watch differed programs on each set top box with only one subscriptions card.



Wireless SmartWi come standard with
1 Wireless SmartWi
3 Wireless Smartwi client card
1 Power adaptor for Smartwi master.

Wireless SmartWi works on most common set top box for Satellite, Cable and Terrestrial systems

Contact. information
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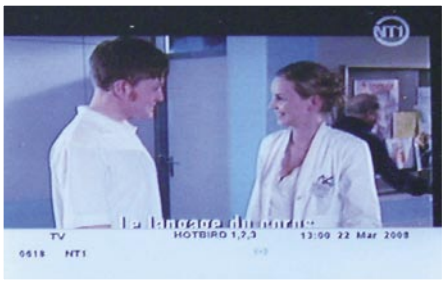
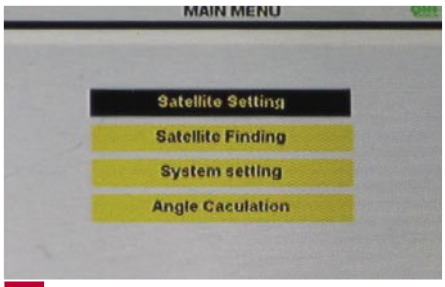
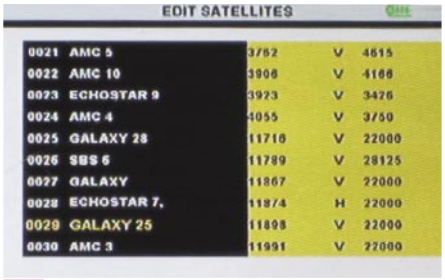


信息条 |



主菜单 |



编辑卫星 |

钮。然后就进入卫星寻找界面，在这里我们可以选择这次测试要找寻的卫星和转发器。如果一个在工作的已知转发器在目录上没有,那你可以在卫星寻找界面上对一个现成的转发器进行编辑来输入有关数据。 只要记得这将会把那个转发器的数据覆盖。遗憾的是，在信号仪的菜单界面上不能加入新的转发器，唯一可行的是对现有转发器进行编辑。要增加新的转发器需要从 Trimax 公司的网站上(www.trimaxmeters.com) 下载数据再通过 USB 接口将新数据装入信号仪。

我们开始用 90cm 的极轴天线搜寻银河 25 卫星上的 12.115V 转发器。信号强度和质量的柱线立刻在 Trimax 上显示出来，这就表明我们已经找到了目标卫星。 除了这两个柱线之外，信号仪上还显示出相应 C/N 和 BER 数值，这就使微调天线轻而易举。这两项数值使得天线调整更趋精确，而仅靠信号强度和质量的模拟显示还不够。

如果你还不能确认卫星位于天空的位置,该信号仪还带一个方便的角度计算工具来为你指出正确的方向。只要从主菜单进入角度计算界面,输入你当地的经度和纬度坐标，并选择你想要找的卫星。该工具就会计算出所需卫星的方位角和仰角。

对准卫星之后,转发器的频道扫描就可以开始了，找到菜单上的“搜寻”项，并按下“OK”按钮就开始了。不到 10 秒，转发器上所有工作的频道都被信号仪找到并储存下来。退出屏幕菜单，就可以观看刚刚被储存的频道。用上/下箭头键可以换台，或者你可以按下“OK”按钮则会显示一连串频道名称。用左/右键可以在全屏模式中调整画面尺寸，并且在频道目录模式中用来翻页。在频道目录模式中，当前频道的图像可以同时插入显示出来。浏览频道目录就会显示名称被加亮的频道图像，再按下“OK”按钮则该图像就会全屏幕播放。

实际上图像的质量相当好，甚至当你考虑这只是卫星信号仪的时候，声音也不错！ 就像一个标准的卫星接收机一样，频道之间的转换大约仅需 1 秒，在屏幕底部的一个信息条显示着频道的一些基本数据。 我们也在一些 SCPC 转发器上进行了测试，发现 Trimax 接收这些较低符码率节目时没有任何问题。

结论

其小巧轻盈的设计会让你带着 Trimax SM-2200 在墙壁上、屋顶上或是地面上轻松地安装天线。只用一只手就可以拿着它，而 3.5 吋屏幕上的菜单内容显示得相当清晰。它将成为任何卫星安装者的理想工具。毫无疑问，卫星玩家们也将此列为必备工具。按照他们的想法,这是一个便携式卫星接收机，可以连同他们的小型天线到处接收节目。遗憾的是它的价格比一个标准的卫星接收机略微高些，而这可能使他们当中的一些人放弃。

长效的电池将会保证你在安装过程中不会停电,若要在野外充电,只需把它插入汽车上的点烟器。如果能在野外条件下增加新的卫星或转发器就更好了。希望将来的软件升级将会考虑到这点小小的不便。总的来看，Trimax SM-2200 卫星信号仪是一个可靠的工具,可以缩短许多寻找卫星的时间。真是太好了。

专家结论

Ron Roessel
TELE-satellite Test Center USA

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小巧轻盈，电池持续耐用，这使其成为安装者的好伴侣。

\-

应该通过软件升级加上新转发器参数。

Trimax SM-2200 在欧洲

当我们打开信号仪浏览其菜单时，我们很快发现没有西半球的卫星。我们得到的测试样机是在美洲使用的。SM-2200 还能在世界其他地方使用吗?

我们登录制造厂家的网站(http:// www.trimaxmeters.com)，发现他们为世界不同地方设计了各自的版本： 1. 亚洲和南太平洋,2. 大西洋,3. 欧洲，非洲和中东,4. 北方和南美洲。上面最新的软件比我们仪器上的版本要高(1.03 vs 1.00) 我们下载了欧洲的版本，还有软件安装程序， 以及一个叫做“信号仪工具”的转发器编辑程序工具。软件升级很顺利。欧洲的卫星目录包含了从 4.8°E(天狼星) 到 72°E(Intelsat 4) 的卫星。

The Trimax SM-2200 used as a small portable satellite tv

我们将制造厂家的卫星目录下载到我们的个人计算机上,并进行一些编辑，用“信号仪工具”增加了更多能在欧洲收到的卫星，然后把它

装入了信号议。在完成对院子里的一个测试天线进行设定之后,我们将天线连接到了信号仪上，来看看是否很容易对准天线。很快我们就看见了ASTRA 1(19.2°E)，然后又转向HOTBIRD (13°E)。 信号仪上表示信号强度和质量的信息条在我们调整过程中都很快显示出来。

如果你站在不远处,就能听到信号仪发出的特别的音频讯号。信号越强，“哔哔”声也越急促。“哔哔”声在持续发出，而实际上音量也相当大。如果安装者工作在一条繁忙的街道附近时会很有用，就不必回到客户家的后院了。如果你不需要这个“哔哔”声,Trimax 通过 F2 键可以开关声音。我们测试了其他一些卫星上的免费和付费频道，以及符号率高和低(超过 2个Ms/sec)的信号，该信号仪毫无悬念地锁住了每个信号。

若不用声音我们就得仰赖屏幕的读数。Trimax 在外包上增加了太阳遮板，我们发现它非常有用。信号强度的柱线非常容易读取。

然而，信号质量的百分比数值和 C/N 数值仍较难读取。最后两者是调整天线时最重要的。如果将来的软件版本能使这些数值更容易读取，毫无疑问将是非常有益的。即使是一个分贝的 C/N 值，对于不是太大的标准天线也很重要。而对于我们这些卫星爱好者来说,0.1 个分贝的 C /N (或者 MER)值都是锱铢必究的。天线调整好后， 就像对待标准卫星接收机那样，我们马上就进行了一个典型的频道自动搜索。 画质之好令人惊讶，色彩甚至超过我们正在使用的这台笔记本电脑。考虑到其体积如此小巧，则其声音当然可以接受。我们真的没有想到会有这么好的信号仪，当你搜索频道的时候，你无法不想在下次野营旅行时带上它。在帐篷里看电视?太棒了!

专家结论

Jacek Pawlowski
TELE-satellite
Test Center
Poland

\+

Trimax SM-2200 是一款带有卫星接收机的信号仪。它兼有图像和声音的及时反馈，图像显示是其亮点，你可以向用户显示天线已经调整到最佳位置。这在某些情况下很有帮助，如天线调整过程中用户有疑问的时候。

\-

如果加上欧洲卫星的转发器参数就更好了。C/N 值如果显示到0.1dB，天线的安装就将更加精确。如果信号强度的显示字体再大些就会使使用更加便捷(包括C/N 和信号质量)。

TECHNIC DATA

Distributor	Satman Canada, Winnipeg, Manitoba, Canada
E-mail	trimaxmeters@mts.net
Tel	+1-204-661-3279
Model	Trimax SM-2200
Function	Hand-held Satellite Signal Meter
SymbolRate	2-45 Ms/sec
DiSEqC	yes, 1.0
Display	3.5” TFT LCD TV screen
Satellite Input	male “F” connector
USB Interface	yes
Internal Power Source	Rechargeable 1950mA battery
External Power Supply	90-240VAC/50-60Hz

九洲 JQA1P LNBF 6一体化复合高频头

4 个接收机同时接收 2 个卫星

当你想要接收 2 个 Ku 波段卫星的时候，可能会用到一体化 LNBF。它与极轴天线比较，在卫星的切换速度上要明显占优势，它是瞬间完成切换的，而极轴天线则需要 2~3 秒。当然，一体化 LNBF 所对准的卫星彼此之间分隔的角度要精确对应， 而且分隔得不能太远。大多数一体化 LNBF 间隔为 6°。因为在欧洲最常接收的是 19.2° E 和 13° E 这两个轨道位置上的 ASTRA 和 HOTBIRD 卫星。

TELE SATELLITE AWARD & BROADBAND 06-07/2008

JIUZHOU JQA1P MONOBLOCK QUAD LNBF 6
High performance LNBF for 2 satellites and 4 receivers, optimized for 85 cm dishes

通常，你需要向不同房间的接收机分配信号，而普通的一体化 LNBF 用不上。但是你如果有一体化复合 LNBF，你就可以向四个接收机分配信号并使它们独自接收 ASTRA 或 HOTBIRD 上的任何频道。在欧洲同时接收 ASTRA 和 HOTBIRD 卫星用一个 85~90 cm 的天线就足够了。这对于居住在大城市的观众来说非常实用，很明显九洲 JQA1P 一体化复合高频头的目标市场就在这里。

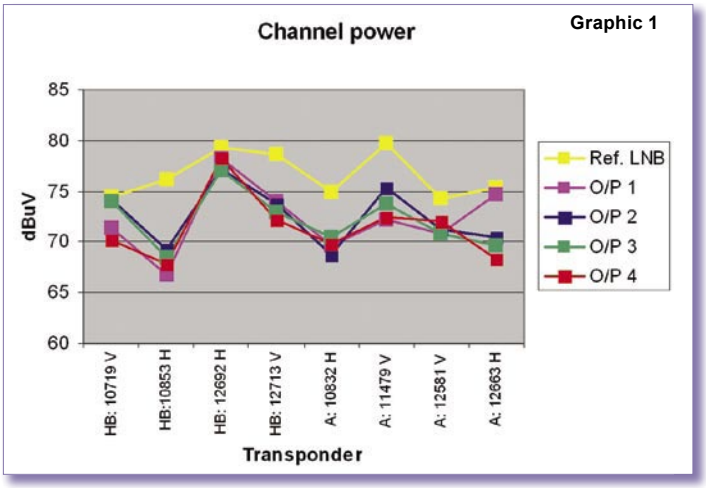
JQA1P 一体化复合高频头完全密闭在金属外壳里面，它并不比其他同类重些。 如你在照片上所见，它是为 23 毫米的支架而设计的。 四个 F 接头两个靠前，两个靠后。这样我们就有较大的余地来接驳馈线。

在测试样品之前，我们先测量了抽屉中原有最好的单体 LNB。将其 0.2 分贝的NF 典型值作为参考。JQA1P 的典型噪音值标注为 0.3个分贝。我们用了一个 85 cm 的天线与之相配。当然，你也可以使用 90 cm 的天线，但是如果你用 60 cm 或 120 cm的天线，那高频头所对应的轨道间隔就不是 6°了，天线的不同会使你不能正确对准卫星。

正如你所想的那样，我们用 ASTRA 和 HOTBIRD 卫星作为测试信号来源。我们选择对准 HOTBIRD 的 LNBF 在天线焦点上，而对准 ASTRA 的 LNBF 在旁边。当然，也可以调个个。在把测试仪连结到 JQA1P 之后，我们就找到了接收 HOTBIRD 的最佳天线位置。然后我们将 DiSEqC 指令发送了对准 ASTRA 的 LNB ，结果信号是弱的。我们一点一点移动天线来增强信号，在做了一些调整之后，我们发现了可以兼顾接收两个卫星的最好位置。

将其与作为参考的 LNB 的输出增益和 C/N 测量后加以比较。在第一个曲线图上，你可以看到四个 HOTBIRD 转发器和四个 ASTRA 转发器测出的输出增益。我们选择了各个极化和靠近 Ku 波段

Graphic 1



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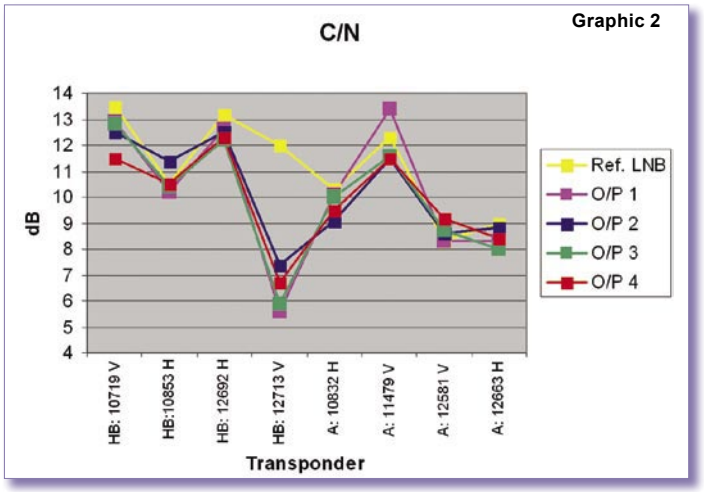
频率末端的转发器。JQA1P 的输出增益比参考 LNB 的略微低些。然而，无论它差多少，如果我们再近距离观看曲线图，我们将会发现两者输出增益之间没有太大差别。

但是，输出增益并不是衡量输出信号质量的唯一指标。因此，我们测量了相同转发器的 C/N 比值。如你在第二个曲线图上所见，JQA1P 接收的多数转发器信号水平与我们作为参考的 0.2个分贝单体 LNB 几乎一样好。

考虑到我们是将一体化 LNBF 放在非中心焦点来接收，这真是令人印象深刻。我们注意了到在 Ku 波段末端的 12713 MHz、V、27.5 Ms/秒的转发器指标有些低。为了看看是否有足够的增益，我们用测试仪测了一下。没问题！即使天气不太好，要实现良好的接收 3.3 分贝的增益也足够了。

Graphic 2



专家结论

Jacek Pawlowski
TELE-satellite
Test Center
Poland

\+

JQA1P 的性能几乎与安装在天线焦点上 0.2 分贝的单体 LNB 一样。4 个输出之间差异很小。由于 F 接头之间的空隙较大，使得安装起来很容易。

\-

没有

TECHNIC DATA

Manufacturer	Sichuan Jiuzhou Electric Group Co. Ltd, China
Internet	http://www.jiuzhou.com.cn/
E-mail	overseas@jiuzhou.com.cn
Telephone	(86 816) 2468428 (86 816) 2468360
Fax	(86 816) 2468903 / (86 816) 2469241
Model	JQA1P
Function	Universal Ku-Band Monoblock Quad LNB 6°
Noise Figure	0.3 dB (typ.)
LOF	9.750 and 10.600 GHz
Frequency Stability	±1 MHz max. / T=25° C ±3 MHz / T= –40...+60 °C
Gain	50~62 dB
Gain Variation	5 dB p-p (typ.)
Cross Polarization Isolation	25 dB (typ.), 20dB (min.)
Phase Noise at 1 kHz Offset	-60 dBc/Hz
Phase Noise at 10 kHz Offset	-80 dBc/Hz
Phase Noise at 100 kHz Offset	-100 dBc/Hz
DC Current Consumption	180 mA (max.)
Operating Temperature	-40...+60 °C
Waterproof	+60 °C water for 5 minutes
Holder diameter	23 mm

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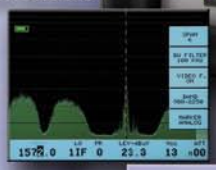

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Techno Shopping in Yongsan

Undoubtedly the largest shopping mile for electronics, PC's and mobile phones – anything that would be of interest to the male population can be found in Yongsan in central Seoul. This electronic marketplace is said to be larger than those in Tokyo, Singapore, Hong Kong or London, and you would have no trouble believing it if you tried to take it all in. The complex is made up of multiple shopping malls in the middle of which we found some satellite shops that TELE-satellite paid a visit to.

TAEHWA

This shop founded by Hae-Jin Jung has been in existence for over 30 years. His best selling product is the 90cm dish of which he sells roughly 100 a month. The somewhat smaller 75cm antenna is also popular: "We sell about 70 of those every month", explains Hae-Jin Jung. Even 120cm dishes are available; all of these sizes are used for reception of KOREASAT. But even 180cm antennas are sold: "These are used for ASIASAT reception", reveals Hae-Jin Jung, "we sell about 40 or 50 of them each month." Hae-Jin Jung runs his business with three employees.

CUSTOM

Choi Jong Sik operates his family business also with three employees and at 25 years has been in business for almost just as long. His product line includes 60cm antennas of which he sells about 120 each year, 120cm dishes of which he sells about the same amount each year as well as 180cm antennas that account for roughly 70 a year.

"For satellite receivers, we offer a model from Multiplus", explains Choi Jong Sik.

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If you ride the Seoul Metro Line #1 to the Yongsan station, you'll run into the I'Park Shopping Center sitting right on top of the Metro station: multiple levels are tightly packed with one electronics shop after the other. Everything brand new and 'glitzy'. If you exit the I'Park Shopping Center and walk across the pedestrian bridge (right side in picture), you'll find yourself in the next shopping center that sits over a bus terminal. Here some of the 'glitz' is lacking. Another pedestrian bridge takes you to the ETLAND Shopping Center (left side in picture), the largest in Yongsan and again very 'glitzy'. Other shopping malls are also linked that are far less 'glitzy' and offer less expensive products.

DIGITAL also offers satellite antennas and reception components.

Choi Jong Sik from CUSTOM, presents his best seller: a 120cm antenna. The smaller 60cm dishes are used for KOREASAT reception.

Hae-Jin Jung with a 75cm antenna in front of his TAEHWA TELECOM shop that also serves as a warehouse. If it's in stock, you can take it with you.

圣地亚哥的卫星接收

▲ 胡安•卡洛斯在调整他的天线对准银河卫星。左边的天线用来接收 TELSTAR 12卫星，而右边的 C 波段大天线还需要适当调整。

▲ 胡安的小屋里面。他的技术装备令人印象相当深刻。

▲ 胡安•卡洛斯正在阅读《国际卫星电视》杂志，这是他从网上下载并在家打印出来的。

在圣地牙哥智利总统官邸摩尼达宫的右面，胡安•卡洛斯•米兰达•杜阿特正忙于打造具有自己特色的卫星接收系统。他的金属工艺专业背景，对于这个工作是一个资本。胡安•卡洛斯来自维阿德尔玛，圣地亚哥南方 120 公里左右的一个城镇，他讲述了如何变成卫视爱好者的故事：

◀ 胡安•卡洛斯在圣地牙哥使用屋顶来安装天线。远处的背景就是安第斯山脉,还可以看见智利 ENTEL 电讯公司的发射塔。

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“大约一年前，当我在网上冲浪的时候偶然发现了《国际卫星电视》杂志。南非人因构•所罗门的庞大天线立刻引起了我的注意。”显然， 作为一个用老式电子管收音机收听短波的年轻爱好者，胡安•卡洛斯又对卫星电视产生了兴趣：不仅要接收本国的付费电视频道，他还想要接收全球各个国家的免费节目。

他立刻买下了一个朋友用过的卫星接收机,很快地又弄来了一个旧天线和 LNB。他组装起天馈系统，努力去寻找信号 - 但没找到。难道他买的是一个坏的接收机吗?难道 LNB 有故障吗? 天线没有对准吗? 还是输入机器的参数有错误?几个星期过去了,但是胡安•卡洛斯痴心不改。

终于有一天，他弄到了一个双本振 LNB，然后所有经历的困苦便都被忘得一干二净：HISPASAT 卫星的节目赫然出现在眼前的电视屏幕上，从此后他的“发烧”便一发而不可收拾。

在智利几乎没有任何专门的卫星器材商店，只有到跳蚤市场才能找到有些元器件。胡安•卡洛斯坐车在附近浏览过所有各种市场，找到了一些天线。今天,他已经有了四个 Ku 天线，并且有了自己首个 C 波段天线。他拥有四个接收机，还有一个 PC 卡。

“我最喜爱的电台是来自法国的音乐电台 RFI 和来自西班牙的第三台,这两者在 HISPASAT 卫星上传输,还有来自古巴的 Enciclopedia 电台,”胡安•卡洛斯解释说。

在所能接收到的电视频道中， 他特别喜欢 TELSTAR 12 卫星上的德国 DW 电视和荷兰的节目:“我不懂荷兰语,” 他说 ,“但是我喜欢这个频道。”他喜欢银河卫星上阿根廷第七频道和乌拉圭的 Montecarlo 电视频道。来自古巴的电视频道和来自西班牙的 Canarias 电视频道他也很喜欢。“晚上，我把接收机对准 TELSTAR 12卫星上的比利时电台，这个台上好听的音乐会在第二天早晨唤醒我,” 胡安描述着他的接收习惯。

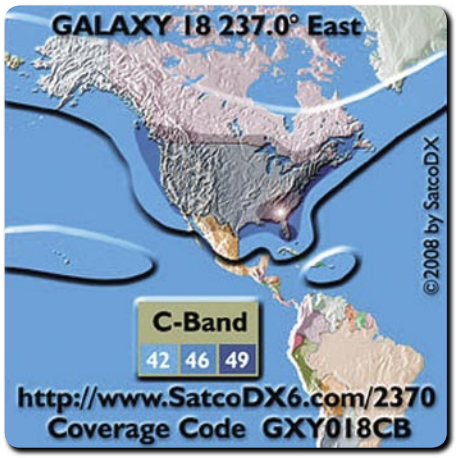
现在，胡安•卡洛斯正在拓展他的装备。除了最关键的部分外，还有很大的拓展空间。一旦某人成了“发烧友”,那么什么困难都能克服。

Edited by
Sylvain Oscul

New Satellites

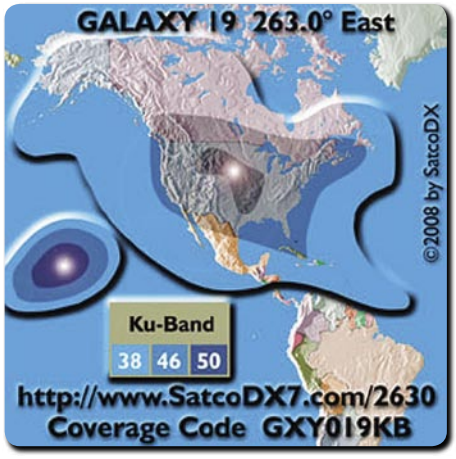
Update from last issue

GALAXY 18 is scheduled to be launched on 11th of May and TURKSAT 3A and BADR 6 are now scheduled to be launched in May.



GALAXY 19

This is a new Loral system satellite to be launched soon by Zenit 3 from Sea Launch's Odyssey platform in the Pacific Ocean. The new system will replace GALAXY 25 at 263°E (97°W) with 24 Ku and 24 C Band transponders.

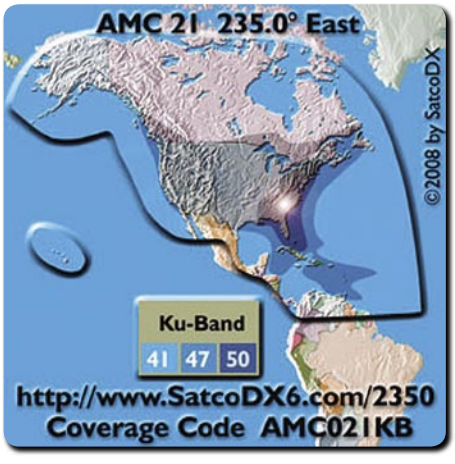


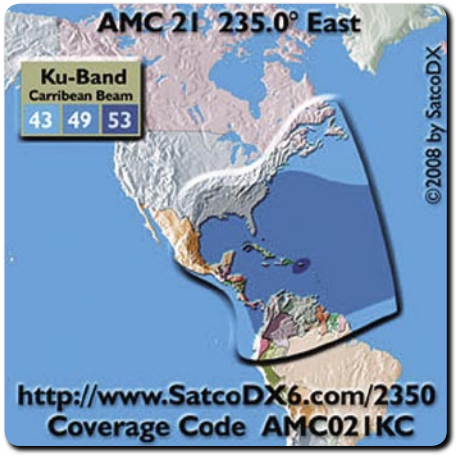
ASTRA 1M

Another ASTRA satellite for the 19°2E fleet, to be launched by Ariane in June or July, will replace ASTRA 1H with 36 transponders in Ku band for the next 15 years

AMC 21

To be launched be in June, this satellite will be placed at 235°E (125°W) with 24 Ku transponders. Launcher is Zenith 3.





EXPRESS AM-44

This satellite will be launched in June by Proton to replace EXPRESS 1 at 349°E (11°W). No official coverage maps available yet.

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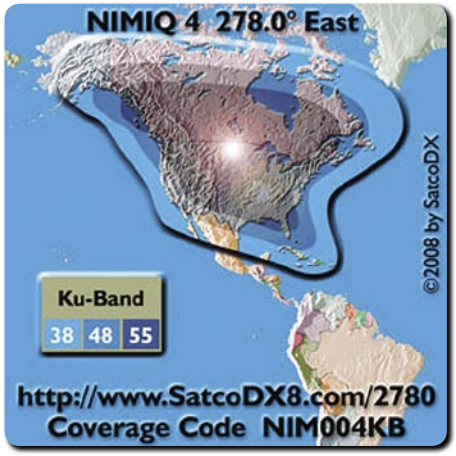
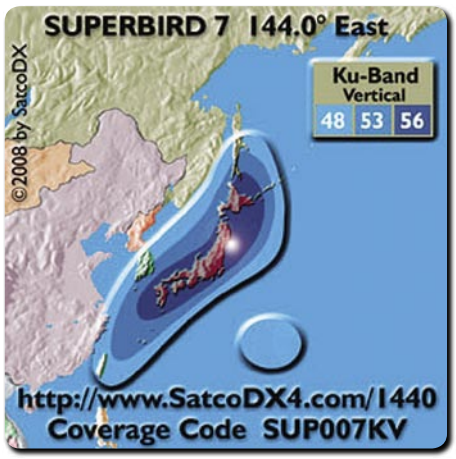
NIMIQ 4

Launch is scheduled for May. NIMIQ 4 will continue to enhance digital television services in Canada at 278°E (82°W) collocated with NIMIQ 2. It will feature 32 Ku-band and 8 Ka-band transponders. Launcher is Proton from the Baikonour site in Russia.



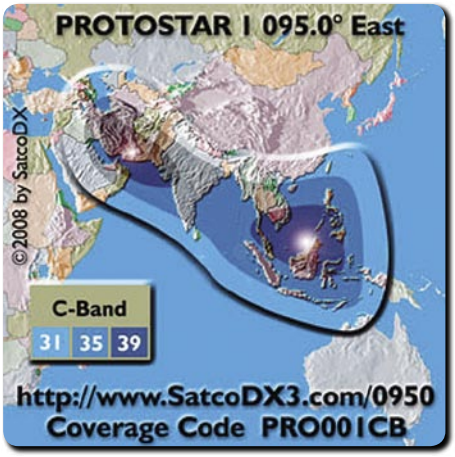
SUPERBIRD 7

Will be launched by an Ariane 5 in July from the Guyana Space Center, Europe's Spaceport in Kourou, French Guayana, South America, and be positioned at 144°E with 28 Ku transponders.



PROTOSTAR 1

This new bird is to be launched in June by Ariane 5 in Guyana, to be located at 95°E with 22 Ku and 32 C-Band transponders to provide DTH to the Asia area for the next 15 years.



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(with Ariane 5 full-scale model)

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DOUBLE LNB HOLDER

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ROLL 100m or 300m

F-CONNECTOR (100 Pc)

The products can be branded. In case of larger order the products will be delivered free of charge.

SatcoDX Global Satellite Chart

Compiled by the Worldwide SatcoDX Monitoring Stations, exclusively for TELE-satellite Magazine

New Channels Since Last Issue of TELE-satellite Magazine are marked with a ●

EUROBIRD 4
4.0 East
EUB004WX

11.160 H	AFLENZ E-S	27500
12.130 V	DVBS2	27500
12.130 V	Standard_TV	27500

SIRIUS 3,4
5.0 East
SIR004EU

11.725 H	EbS Europe By Satell	27500
11.725 H	EU Test	27500
11.766 H	KANAL UKRAINA	27500
11.766 H	TET	27500
11.766 H	Channel 5 (Ukraine)	27500
11.766 H	GLAS	27500
11.766 H	KRT	27500
11.766 H	NOVY CHANNEL	27500
11.766 H	RADA	27500
11.766 H	Star TV UKR	27500
11.766 H	Love Radio	27500
11.766 H	RADIO ERA	27500
11.766 H	Radio Test	27500
11.766 H	RUI	27500
11.766 H	UR1	27500
11.766 H	UR2	27500
11.766 H	UR3	27500
●12.072 H	ENTER	27500
●12.072 H	ENTER-FILM	27500
●12.072 H	INTER+	27500
●12.072 H	OCK	27500
●12.072 H	UBC	27500
●12.072 H	Univermag	27500
●12.149 H	Antena 3	27500
●12.149 H	AXN	27500
●12.149 H	AXN SciFi	27500
●12.149 H	Euforia Lifestyle	27500
●12.149 H	Kanal D	27500
●12.149 H	MTV	27500
●12.149 H	National Geografic	27500
●12.149 H	OTV	27500
●12.149 H	Prima TV	27500
●12.149 H	Realitatea	27500
●12.149 H	TV Sport	27500
●12.149 H	TVR 1	27500
●12.149 H	TVR 2	27500
●12.149 H	TVRM	27500
●12.149 H	AXN Crime	27500
●12.149 H	Eurosport	27500
●12.149 H	Max Info	27500
●12.149 H	ProFM	27500
●12.149 H	InfoPro	27500
●12.149 H	Radio SON	27500
●12.149 H	Romantic	27500
●12.265 H	Boomerang	27500
●12.265 H	Cartoon Network	27500
●12.265 H	Eurosport 2	27500
●12.265 H	Hallmark	27500
●12.265 H	Jetix	27500
●12.265 H	Jetix Play	27500
●12.265 H	Minimax	27500
●12.265 H	Movies 24	27500
●12.265 H	Romantica	27500
●12.265 H	TVR Cultural	27500
●12.265 H	Canal Teleshop	27500
●12.265 H	Da Vinci	27500
●12.265 H	Etno	27500
●12.265 H	Meteo	27500
●12.265 H	Taraf	27500
●12.265 H	U Tv	27500
●12.341 H	Acasa Tv	27500
●12.341 H	Animal Planet	27500
●12.341 H	Antena 1	27500
●12.341 H	B1TV	27500
●12.341 H	Cinemax	27500
●12.341 H	Discovery	27500
●12.341 H	FreeXTV	27500
●12.341 H	HBO	27500
●12.341 H	HBO Comedy	27500
●12.341 H	National Tv	27500
●12.341 H	Pro Cinema	27500
●12.341 H	Pro Tv	27500
●12.341 H	Telesport	27500
●12.341 H	X Dream TV	27500
12.380 H	ATG EU BSS	27500
12.380 H	Harness Racing	27500
12.380 H	international	27500
12.380 H	NTV	27500
12.380 H	TV6 Hungary	27500
12.380 H	Viasat3	27500
12.380 H	Thoroughbred Racing	27500
12.380 H	TVCI new	27500
12.380 H	European Radio for B	27500
12.380 H	Pace Europa	27500
12.380 H	Pace Europa 2	27500
12.380 H	PROXY	27500
12.418 H	Alphameric Games	27500
12.418 H	Alphameric Games plu	27500
12.418 H	Alphameric Studio	27500
12.418 H	Alphameric Studio pl	27500
12.418 H	ATRi - English	27500
12.418 H	ATRi - German	27500
12.418 H	Betfred	27500
12.418 H	BOYLES SPORTS	27500
12.418 H	BRAND TV DEMO	27500
●12.418 H	BTC Alpha Irish Da	27500
●12.418 H	BTC Alpha UK Data	27500
12.418 H	CCC TEST CHANNEL	27500
12.418 H	CORAL - SIRIUS	27500
12.418 H	CORAL BIDS	27500
12.418 H	CORAL WITH SIS DA	27500
12.418 H	EMP TEST CHANNEL	27500
12.418 H	EURO RACING - NO	27500
12.418 H	EURO RACING - SIR	27500
12.418 H	Intertrack-Data To	27500
12.418 H	iSIS Channel	27500
12.418 H	LADBROKES IP DATA	27500
12.418 H	LTEST	27500
12.418 H	LXTRA SILVER	27500
●12.418 H	SIS BTC - Vision a	27500
12.418 H	SIS Racing - Data	27500
12.418 H	SIS Racing - Germ	27500
12.418 H	SIS Racing - Germ	27500
12.418 H	SIS Racing - INDE	27500
●12.418 H	SIS UK BTC	27500
12.418 H	SIS+	27500
12.418 H	SPECIAL LADBROKES	27500
12.418 H	SPECIAL WILLIAM H	27500
12.418 H	STAN JAMES	27500
12.418 H	TEMP LADBROKES EI	27500
12.418 H	TEST2	27500
12.418 H	TOTE - SIRIUS	27500
12.418 H	TOTE SIS AUDIO AN	27500
12.418 H	VISION AUDIO AND	27500
12.418 H	WHO IP CLEAR	27500
12.418 H	WILLIAM HILL - SI	27500
12.418 H	ALT VC 11	27500
12.418 H	ALT VC 140	27500
12.418 H	ALT VC 145	27500
12.418 H	ALT VC 160	27500
12.418 H	ALT VC 20	27500
12.418 H	ALT VC 29	27500
12.418 H	ALT VC 33	27500
12.418 H	ALT VC 39	27500
12.418 H	ALT VC 40	27500
12.418 H	ALT VC 49	27500
12.418 H	ALT VC 50	27500
12.418 H	ALT VC 53	27500
12.418 H	ALT VC 59	27500
12.418 H	AUDIO AND DATA ON	27500
12.418 H	SIS Racing - Audi	27500
12.418 H	TEST CHANNEL 135	27500
12.418 H	AUDIO CLEAR TEST	27500
12.418 H	ALT VC 122	27500
12.418 H	ALT VC 123	27500
12.418 H	ALT VC 302	27500
●12.418 H	BAF Test	27500
12.418 H	BRAND TV TEST	27500
12.418 H	DO NOT REMOVE	27500
12.418 H	EMP TEST ALT CHAN	27500
12.418 H	FAZZT	27500
●12.608 H	TV 1000 Ru Kino FS	27500
●12.608 H	TV1000 East FSS	27500
●12.608 H	TV6 Hungary FSS	27500
●12.608 H	Viasat Sport FSS	27500
●12.608 H	Viasat3 FSS	27500
12.637 H	Explorer/Spice(FSS)	14463
12.637 H	TV1000 Balkan FSS	14463
12.637 H	TV1000 Poland (FSS	14463
12.637 H	Viasat History (FSS)	14463

SIR004NO

11.804 H	MTV NO	27500
●11.804 H	Ticket	27500
●11.804 H	TV 2 Filmkanalen	27500
11.804 H	TV4 Film	27500
11.804 H	TV4 Plus	27500
11.804 H	TV400	27500
11.804 H	Viasat History	27500
11.804 H	Viasat Sport 2	27500
11.804 H	Viasat Sport 3	27500
11.804 H	CORE SI	27500
11.804 H	XSI_Data	27500
11.843 H	1st Baltic Ch. Eston	27500
11.843 H	1st Baltic Ch. Latvi	27500
11.843 H	1st Baltic Ch. Lithu	27500
11.843 H	LNK	27500
●11.843 H	LTV7	27500
11.843 H	Ren-TV B	27500
11.843 H	TV1 Lithuania	27500
11.843 H	1st Baltic Music Cha	27500
11.843 H	TV5	27500
11.843 H	Radio Pukas	27500
11.843 H	Radio Pukas-2	27500
11.881 H	24	27500
11.881 H	Barnkanalen	27500
11.881 H	SVT1	27500
11.881 H	SVT2	27500
11.881 H	TV1000 Plus One	27500
11.881 H	TV1K+1	27500
11.881 H	GOD Channel	27500
11.881 H	Kanal 10	27500
11.881 H	Sirius Channel	27500
11.881 H	CORE SI	27500
11.881 H	XSI_Data	27500
11.919 H	MTV3 Fakta	27500
11.919 H	MTV3 Leffa	27500
11.919 H	MTV3 MAX	27500
11.919 H	Planeta Sport	27500
11.919 H	SubTV Juniori	27500
●11.919 H	TV 2 Nyhetskanalen	27500
●11.919 H	TV1000 Premium	27500
11.919 H	Viasat Golf	27500
11.919 H	Russia Today	27500
11.919 H	CORE SI	27500
11.919 H	XSI_Data	27500
11.938 V	Cartoon/TCM EE	27500
11.938 V	Discovery EE	27500
11.938 V	Nat Geo / CNBC	27500
11.938 V	RTR Planeta	27500
11.938 V	TV3 Mitt	27500
11.938 V	TV3 Norr	27500
11.938 V	TV3 Syd	27500
11.938 V	TV3 Väst	27500
11.938 V	TV3 Öst	27500
11.938 V	Bandit Rock	27500
11.938 V	Club/Dance	27500
11.938 V	Disco	27500
11.938 V	Golden Oldies	27500
11.938 V	Jazz	27500
11.938 V	Lugna Favoriter	27500
11.938 V	Soul R&b	27500
●11.938 V	Star FM	27500
11.938 V	Super 80's	27500
11.938 V	Classic	27500
●11.938 V	CORE SI	27500
11.938 V	XSI Data	27500
11.958 H	3+ Baltics	27500
11.958 H	3+ Baltics E	27500
11.958 H	ETV	27500
11.958 H	Lithuanian TV1	27500
11.958 H	LNT Latvia	27500
11.958 H	LTV1	27500
11.958 H	Tango TV	27500
11.958 H	TV3 Estonia	27500
11.958 H	TV3 Latvia	27500
11.958 H	TV3 Lithuania	27500
11.958 H	Power Hit Radio	27500
11.958 H	Star FM	27500
11.977 V	BBC World	27500
11.977 V	Hallmark	27500
11.977 V	MTV SE	27500
11.977 V	Nature/Crime/Playboy	27500
11.977 V	TV1000 East	27500
11.977 V	TV3+	27500
11.977 V	TV4 Fakta	27500
11.977 V	Viasat 4	27500
11.977 V	Viasat Sport 1	27500
11.977 V	P4 Norge	27500
11.977 V	CORE SI	27500
11.977 V	XSI_Data	27500
●11.996 H	FEM	27500
11.996 H	K75 NORDEN	27500
●11.996 H	Kanal 5	27500
11.996 H	SportN	27500
11.996 H	SvSp	27500
11.996 H	TVN Chile Nordic	27500
11.996 H	01 39 01 33	27500
●11.996 H	04010121	27500
●11.996 H	04020102	27500
●11.996 H	05010024	27500
11.996 H	CORE SI	27500
11.996 H	DATA	27500
11.996 H	HUMAX DOWNLOAD SV	27500
11.996 H	Nokia 220	27500
11.996 H	Nokia Download 9780	27500
11.996 H	Nokia Download 9802	27500
11.996 H	Nokia Download 9902	27500
11.996 H	Pace Download	27500
11.996 H	Pace Download 2	27500
11.996 H	Pace Download 3	27500
11.996 H	Pace Download 4	27500
11.996 H	TRC Data1	27500
11.996 H	TT	27500
11.996 H	XSI_Data	27500
12.034 H	Disney Channel	27500
12.034 H	E!	27500
12.034 H	Nickelodeon/VH1	27500
12.034 H	Toon Disney	27500
12.034 H	TV1000 Classic	27500
12.034 H	TV1000 Family	27500
12.034 H	TV1000 Nordic	27500
12.034 H	TV1KC	27500
12.034 H	Zone Reality	27500
12.034 H	CORE SI	27500
12.034 H	XSI_Data	27500
12.054 V	Cartoon/TCM	27500
12.054 V	Jetix/Travel	27500
12.054 V	TV1000	27500
12.054 V	TV1000 Action	27500
12.054 V	TV1K	27500
12.054 V	TV1KA	27500
12.054 V	TV3 Denmark	27500
12.054 V	TV3 Norge	27500
12.054 V	TV3 Stockholm	27500
12.054 V	TV6	27500
12.054 V	Bandit 106.3	27500
12.054 V	Rix FM	27500
12.054 V	CORE SI	27500
12.054 V	EPG	27500
12.054 V	Pace BL2	27500
12.054 V	Pace Main	27500
12.054 V	Samsung BL2	27500
12.054 V	Samsung Main	27500
12.054 V	XSI_Data	27500
●12.092 V	Playhouse Disney	27500
●12.092 V	TV 2 Norge	27500
12.092 V	TV2 NEWS	27500
●12.092 V	TV4 Science Fiction	27500
12.092 V	TV4 Sport	27500
●12.092 V	TV7	27500
●12.092 V	TVNorge	27500
12.092 V	Visjon Norge	27500
12.092 V	CORE SI	27500
●12.092 V	N3	27500
12.092 V	XSI_Data	27500
12.476 V	TV 2/Bornholm	27500
12.476 V	TV 2/Fyn	27500
12.476 V	TV 2/Lorry	27500
12.476 V	TV 2/Midt-Vest	27500
12.476 V	TV 2/Nord	27500
12.476 V	TV 2/Syd	27500
12.476 V	TV 2/Øst	27500
12.476 V	TV 2/Østjylland	27500
12.476 V	CORE SI	27500
12.476 V	XSI_Data	27500

●11.747 V	TV4	27500
●11.747 V	Allsvenskan 1	27500
●11.747 V	Allsvenskan 2	27500
●11.747 V	Allsvenskan 3	27500
●11.747 V	Allsvenskan 4	27500
●11.747 V	Allsvenskan 5	27500
●11.747 V	Russia Test	27500
●11.747 V	Viasat Xtra 1	27500
●11.747 V	Viasat Xtra 2	27500
●11.747 V	Viasat Xtra 3	27500
●11.747 V	Viasat Xtra 4	27500
●11.747 V	Viasat Xtra 5	27500
●11.747 V	Vue Cinemas	27500
●11.747 V	CORE SI	27500
●11.747 V	DATA 2	27500
●11.747 V	XSI_Data	27500
●11.785 V	24 ABC	27500
●11.785 V	24 Gävledala	27500
●11.785 V	24 Mittnytt	27500
●11.785 V	24 Nordnytt	27500
●11.785 V	24 REG	27500
●11.785 V	24 Smålandsnytt	27500
●11.785 V	24 Sydnytt	27500
●11.785 V	24 Tvärsnytt	27500
●11.785 V	24 Värmlandsnytt	27500
●11.785 V	24 Västerbottensnytt	27500
●11.785 V	24 Västnytt	27500
●11.785 V	24 Östnytt	27500
●11.785 V	SVT2 ABC	27500
●11.785 V	SVT2 Gävledala	27500
●11.785 V	SVT2 Mittnytt	27500
●11.785 V	SVT2 Nordnytt	27500
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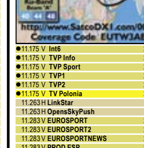
●11.785 V	SVT2 Östnytt	27500
●11.785 V	CORE SI	27500
●11.785 V	DATA	27500
●11.785 V	XSI_Data	27500
●11.823 V	CNN	27500
●11.823 V	DR 1	27500
●11.823 V	DR 2	27500
●11.823 V	DR1	27500
●11.823 V	DR2	27500
●11.823 V	Explorer/Spice	27500
●11.823 V	MTV DK	27500
●11.823 V	TV 2 SPORT	27500
●11.823 V	TV1000 Ru Kino	27500
●11.823 V	TV8	27500
●11.823 V	DR Klassisk	27500
●11.823 V	DR P1	27500
●11.823 V	DR P3	27500
●11.823 V	CORE SI	27500
●11.823 V	SAMSUNG DOWNLOAD	27500
●11.823 V	XSI_Data	27500
●11.862 V	MTV EU	27500
●11.862 V	ztv.se	27500
●11.862 V	Viasat Classic 2	27500
●11.862 V	CORE SI	27500
●11.862 V	EPG_data	27500
●11.900 V	Kanal 2	27500
●11.900 V	MTV Baltics EE	27500
●11.900 V	MTV Baltics LT	27500
●11.900 V	MTV Baltics LV	27500
●11.900 V	TV6 Latvia	27500
●11.900 V	Viasat Sport	27500
●11.900 V	REN-TV Estonia	27500
●12.015 V	NRK Super / NRK3	27500
●12.015 V	NRK1	27500
●12.015 V	NRK1 Midtnytt	27500
●12.015 V	NRK1 Møre og Romsdal	27500
●12.015 V	NRK1 Nordland	27500
●12.015 V	NRK1 Nordnytt	27500
●12.015 V	NRK1 Rogaland	27500
●12.015 V	NRK1 Sørlandet	27500
●12.015 V	NRK1 Tegnspråk	27500
●12.015 V	NRK1 Vestlandsrevyen	27500
●12.015 V	NRK1 Østafjells	27500
●12.015 V	NRK1 Østfold	27500
●12.015 V	NRK1 Østnytt	27500
●12.015 V	NRK2	27500
●12.015 V	NRK Folkemusikk	27500
●12.015 V	NRK Gull	27500
●12.015 V	NRK Klassisk	27500
●12.015 V	NRK mP3	27500
●12.015 V	NRK Nyheter	27500
●12.015 V	NRK P1	27500
●12.015 V	NRK P2	27500
●12.015 V	NRK P3	27500
●12.015 V	NRK Sami Radio	27500
●12.015 V	NRK Storting	27500
●12.015 V	NRK Super	27500
●12.015 V	NRK Været til sjøs	27500
●12.015 V	CORE SI	27500
●12.015 V	NRK Ekstra	27500
●12.015 V	XSI_Data	27500
●12.399 V	TV 2 Sport HD	27500
●12.399 V	Viasat Sport HD	27500
●12.399 V	CORE SI	27500
●12.399 V	NatGeo HD	27500
●12.437 V	TV1000 HD	27500
●12.437 V	CORE SI	27500

Europe
EUTELSAT W3A
7.0 East
EUTW3ABA



●11.175 V	Int6	27500
●11.175 V	TVP Info	27500
●11.175 V	TVP Sport	27500
●11.175 V	TVP1	27500
●11.175 V	TVP2	27500
●11.175 V	TV Polonia	27500
11.263 H	LinkStar	27491
11.263 H	OpensSkyPush	27491
11.283 V	EUROSPORT	27500
11.283 V	EUROSPORT2	27500
11.283 V	EUROSPORTNEWS	27500
11.283 V	PROD ESP	27500
11.283 V	PROD ESP2	27500
11.283 V	TV5 Orient	27500
●11.283 V	M6_Suisse	27500
●11.283 V	OCCA_1_W3	27500
11.283 V	RFI TV Latine	27500
11.283 V	BuffaloGrill	27500
11.283 V	VT COMMUNICATIONS	27500
11.283 V	RFI Afrique	27500
11.283 V	RFI Albania	27500
11.283 V	RFI Americas 5	27500
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11.283 V	RFI Bakou	27500
11.283 V	RFI Barcelona	27500
11.283 V	RFI BBC Hungary	27500
11.283 V	RFI BBC Saxe	27500
11.283 V	RFI Bucarest	27500
11.283 V	RFI Cambodge	27500
11.283 V	RFI Chisinau	27500
11.283 V	RFI Divers 1	27500
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11.283 V	RFI Ekaterinbourg	27500
11.283 V	RFI Epra	27500
11.283 V	RFI Erevan	27500
11.283 V	RFI Fileas	27500
11.283 V	RFI Francais	27500
11.283 V	RFI Germany	27500
11.283 V	RFI Hispasat1	27500
11.283 V	RFI Hispasat2	27500
11.283 V	RFI Kaboul	27500
11.283 V	RFI Kosovo	27500
11.283 V	RFI Langues Div	27500
11.283 V	RFI Langues Est	27500
11.283 V	RFI Langues1	27500
11.283 V	RFI Langues2	27500
11.283 V	RFI Latine	27500
11.283 V	RFI Liban	27500
11.283 V	RFI Lisbonne	27500
11.283 V	RFI Montenegro	27500
11.283 V	RFI Multilingue	27500
11.283 V	RFI Musique	27500
11.283 V	RFI Ocean Indien	27500
11.283 V	RFI Orbit	27500
11.283 V	RFI Prague	27500
11.283 V	RFI Reserve	27500
11.283 V	RFI Rmc Amman	27500
11.283 V	RFI Rmc Mo	27500
11.283 V	RFI Russia	27500
11.283 V	RFI Skopje	27500
11.283 V	RFI Sofia	27500
11.283 V	RFI St Peter	27500
11.283 V	RFI Tbilissi	27500
11.283 V	RFI Test	27500
11.283 V	RFI World1	27500
11.283 V	RFI World2	27500
11.283 V	RFI World3	27500
11.283 V	RFI Worldspace	27500
11.283 V	RFI WS Ouest	27500
11.283 V	RFI WS Sud	27500
11.283 V	GC-ME	27500
11.283 V	LOREAL-W3	27500
●11.283 V	Mcast File mutualise	27500
●11.283 V	Meteo France - W3	27500
11.283 V	PMI File W3	27500
11.283 V	PMI streaming W3	27500
11.283 V	SCHOOLNET-Varamin	27500
11.324 V	BFBS 1	27500
11.324 V	BFBS 10	27500
11.324 V	BFBS 2	27500
11.324 V	BFBS 3	27500
11.324 V	BFBS 4	27500
11.324 V	BFBS 5	27500
11.324 V	BFBS 6	27500
11.324 V	BFBS 7	27500
11.324 V	BFBS 8	27500
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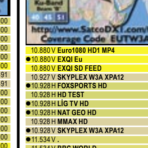
11.324 V	AFGHANISTAN	27500
11.324 V	R2 CYPRUS	27500
11.324 V	R2 EUROPE	27500
11.324 V	R2 WORLD	27500
11.324 V	.	27500
11.324 V	..	27500
11.324 V	...	27500
11.324 V	BALKANS	27500
11.324 V	BFBS UK	27500
11.324 V	CYPRUS	27500
11.324 V	EUROPE	27500
11.324 V	GURKHA	27500
11.324 V	M.EAST	27500
11.324 V	N.IRELAND	27500
11.324 V	DATA	27500
●11.345 H	ESP2 FAPL Clean	27500
●11.345 H	ESP2 German	27500
●11.345 H	2STV	27500
●11.345 H	Africable	27500
●11.345 H	Extra 3	27500
●11.345 H	ORTM	27500
●11.345 H	RTS	27500
●11.345 H	MOOD MEDIA	27500
●11.345 H	MOOD RADIO	27500
●11.345 H	Origine FM	27500
●11.345 H	PUBLIRAD	27500
●11.345 H	RSI	27500
●11.345 H	AT&T	27500
●11.345 H	AVANTI	27500
●11.345 H	ENVIATEL	27500
●11.345 H	NORTIS	27500
●11.345 H	VOXLINK	27500
●11.452 V	ATA TV	25066
●11.452 V	CHANNEL 1 RUSSIA	25066
●11.452 V	E! ENTERTAINMENT	25066
●11.452 V	HALK TV	25066
●11.452 V	KANAL B	25066
●11.452 V	SALONDA NE VAR?	25066
●11.452 V	SES TV	25066
●11.452 V	SEYREDECEK NE VAR	25066
●11.452 V	SHOPPING TV	25066
●11.452 V	.	25066
●11.471 H	24	30000
●11.471 H	AKILLI TV	30000
●11.471 H	BBC PRIME	30000
●11.471 H	e2	30000
●11.471 H	EURONEWS	30000
●11.471 H	EUROSPORT 2	30000
●11.471 H	EXTREME SPORTS	30000
●11.471 H	FOXlife	30000
●11.471 H	MEZZO	30000
●11.471 H	MTV Türkiye	30000
●11.471 H	NTVSPOR	30000
●11.471 H	OLAY TV	30000
●11.471 H	TVNET	30000
11.492 V	DİZİMAX	30000
11.492 V	HALLMARK CHANNEL	30000
11.492 V	LİG TV	30000
11.492 V	MEMLEKETİM TV	30000
11.492 V	SAMANYOLU TV	30000
11.492 V	SHOW PLUS	30000
11.492 V	TÜRKMAX	30000
11.492 V	WEDDING TV	30000
11.492 V	ZONE REALITY	30000
11.492 V	.	30000
11.492 V	TRT1	30000
11.492 V	TRT2 / TRT3	30000
11.492 V	test2	30000
11.492 V	testint	30000
11.492 V	CAM	30000
11.513 H	BABY TV	27500
●11.513 H	BabyFirst	27500
●11.513 H	CRIME&INVESTIGATI	27500
11.513 H	ESPN CLASSIC	27500
11.513 H	FLASH TV	27500
11.513 H	POWERTURK TV	27500
11.513 H	S HABER	27500
11.513 H	TV5 MONDE	27500
●11.513 H	İZ	27500
11.513 H	DIGIAKTİF	27500
11.513 H	DIGIPOSTA	27500
●11.513 H	DIGITURK TEKNIK S	27500
11.513 H	HALKBANK	27500
11.513 H	JOJO	27500
11.513 H	MÜŞTERİ HİZMETLER	27500
11.513 H	S'NEK iTV	27500
11.513 H	TURKCELL SÜPER Lİ	27500
11.513 H	TV HABER	27500
11.513 H	TV HAVA DURUMU	27500
11.513 H	YAPI KREDİ	27500
11.513 H	YEMEK SEPETİ	27500

EUTW3ABB



10.880 V	Euro1080 HD1 MP4	17360
●10.880 V	EXQI Eu	17360
10.880 V	EXQI SD FEED	17360
10.927 V	SKYPLEX W3A XPA12	27500
●10.928 H	FOXSPORTS HD	30000
10.928 H	HD TEST	30000
●10.928 H	LİG TV HD	30000
●10.928 H	NAT GEO HD	30000
10.928 H	MMAX HD	30000
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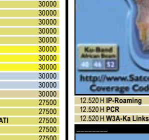
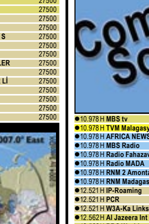
●11.534 V	.	30000
11.534 V	BBC WORLD	30000
11.534 V	BLOOMBERG	30000
11.534 V	BUSINESS CHANNEL	30000
●11.534 V	CARTOON NETWORK	30000
11.534 V	CNBC-e	30000
11.534 V	CNN TÜRK	30000
11.534 V	KANALTURK	30000
11.534 V	KRAL TV	30000
11.534 V	MOVIEMAX	30000
11.534 V	NTV	30000
11.534 V	TV8	30000
11.534 V	TV FINANS	30000
●11.554 H	DIGITURK INFO	27500
●11.554 H	KANAL A	27500
●11.554 H	SAUDI 1 TV	27500
●11.554 H	Test453	27500
●11.554 H	ZDF	27500
11.575 V	JETIX	30000
11.575 V	JETIX PLAY	30000
11.575 V	KANAL A	30000
11.575 V	KANAL D	30000
11.575 V	SAILING CHANNEL	30000
11.575 V	SALON 2	30000
11.575 V	SHOW TV	30000
●11.575 V	SHOWMAX	30000
11.575 V	TURKCELL SALON 1	30000
11.575 V	VH1	30000
11.575 V	VIP TV	30000
11.575 V	DPVESOTV01	30000
11.575 V	HUMAX DOWNLOAD SV	30000
11.575 V	IGUIDE-R	30000
11.575 V	PHILIPS DOWNLOAD	30000
11.575 V	VESTEL ZAP DOWNLO	30000
●11.595 H	AL JAZEERA English	30000
●11.595 H	CNN INTERNATIONAL	30000
●11.595 H	FB TV	30000
●11.595 H	FOX SPORTS	30000
●11.595 H	GOLDMAX 2	30000
●11.595 H	HABERTURK	30000
●11.595 H	LİG TV TİCARİ	30000
●11.595 H	MYMAX	30000
●11.595 H	RAI1	30000
●11.595 H	TGRT HABER	30000
●11.595 H	TJK TV	30000
●11.595 H	test2.	30000
●11.595 H	test455	30000
●11.595 H	Bilyoner.com	30000
●11.595 H	DIGIAKTIFtest	30000
●11.595 H	HİPODROM iTV	30000
●11.595 H	PHILIPS DOWNLOAD	30000
●11.617 V	BTV2	30000
11.617 V	HOME TV	30000
11.617 V	KARADENİZ TV	30000
11.617 V	MCM TOP	30000
●11.617 V	NAT. GEO. WILD	30000
●11.617 V	NAT. GEOGRAPHIC	30000
11.617 V	NICKELODEON	30000
●11.617 V	S'NEK	30000
11.617 V	STAR	30000
●11.617 V	THE HISTORY CH.	30000
●11.617 V	VH1	30000
●11.617 V	2000 s HITS	30000
●11.617 V	50 s-60 s HITS	30000
●11.617 V	70 s HITS	30000
●11.617 V	80 s HITS	30000
●11.617 V	90 s HITS	30000
11.617 V	ALEM FM 89.2	30000
11.617 V	ALTERNATIVE ROCK	30000
11.617 V	ARIONRADIO.COM	30000
11.617 V	BLUES	30000
●11.617 V	CHILL OUT-LOUNGE	30000
11.617 V	CLASSIC ROCK	30000
11.617 V	CLASSICAL MUSIC	30000
11.617 V	DANCE	30000
11.617 V	DANCE CLASSICS	30000
11.617 V	EASY LISTENING	30000
11.617 V	HARD ROCK	30000
●11.617 V	HIP HOP-R&B	30000
11.617 V	HOTTEST HITS	30000
11.617 V	INTERNATIONAL	30000
11.617 V	JAZZ CLASSICS	30000
11.617 V	LATIN	30000
●11.617 V	LIG RADYO	30000
11.617 V	LOVE SONGS	30000
11.617 V	MASAL RADYO	30000
11.617 V	NU JAZZ	30000
11.617 V	POWER FM	30000
●11.617 V	POWERTÜRK	30000
11.617 V	R&B	30000
11.617 V	RADIO TIME	30000
11.617 V	RADYO SPOR	30000
11.617 V	REGGAE	30000
11.617 V	STANDARDS	30000
●11.617 V	SYMPHONIC	30000
11.617 V	YOGA ZONE	30000
●11.617 V		30000
11.617 V	Test454	30000
11.617 V	DS265-R	30000
11.617 V	DT9002-R	30000
11.617 V	KANAL 532	30000
11.617 V	TDS850-R	30000
11.617 V	TDS850-T	30000
11.637 H	ACTIONMAX	30000
11.637 H	AVRASYA TV	30000
11.637 H	BTV	30000
●11.637 H	EStore TV	30000
11.637 H	GOLDMAX	30000
11.637 H	INTIMACY	30000
11.637 H	JOJO	30000
●11.637 H	JOLLY TATİL TV	30000
11.637 H	KANAL 1	30000
11.637 H	MGM MOVIES	30000
11.637 H	PRO7	30000
11.637 H	TOUCH	30000
11.637 H	DIGIOYUN	30000
11.637 H	EROTİK OYUNLAR	30000
●11.679 H	ATV	30000
●11.679 H	COMEDYMAX	30000
●11.679 H	DISNEY CHANNEL	30000
●11.679 H	DREAM TV	30000
●11.679 H	EUROSPORT	30000
●11.679 H	FOX	30000
●11.679 H	HABER 7	30000
●11.679 H	KANAL7	30000
●11.679 H	MOVIEMAX 2	30000
●11.679 H	NUMBER 1 TV	30000
●11.679 H	SALON 3	30000
●11.679 H	SKYTURK	30000

South Africa
EUTELSAT W3A
7.1 East
EUTW3AAB



12.520 H	IP-Roaming	27500
12.520 H	PCR	27500
12.520 H	W3A-Ka Linkstar Serv	27500



●10.978 H	MBS tv	3333
●10.978 H	TVM Malagasy	3333
●10.978 H	AFRICA NEWS FEEDS	3333
●10.978 H	MBS Radio	3333
●10.978 H	Radio Fahazavana	3333
●10.978 H	Radio MADA	3333
●10.978 H	RNM 2 Amontana	3333
●10.978 H	RNM Madagasikara	3333
●12.521 H	IP-Roaming	27500
●12.521 H	PCR	27500
●12.521 H	W3A-Ka Linkstar Serv	27500
●12.562 H	Al Jazeera Int	30000
●12.562 H	BBC World	30000
●12.562 H	E! Entertainment	30000
●12.562 H	Fox Sports Africa	30000
●12.562 H	G Prime	30000
●12.562 H	G Prime	30000
●12.562 H	G Sports 1	30000
●12.562 H	G Sports 2	30000
●12.562 H	G XTRA	30000
●12.562 H	GOD	30000
●12.562 H	Kiss	30000
●12.562 H	MGM	30000
●12.562 H	MTV base	30000
●12.562 H	Nickelodeon	30000
●12.562 H	Setanta Africa	30000
●12.562 H	Sky News	30000
●12.562 H	TV5 Monde Afrique	30000
●12.562 H	Zee Cinema	30000
●12.562 H	Software Download	30000
●12.645 H	G Africa	30000
●12.645 H	G Series	30000
●12.645 H	Kidsco	30000
●12.728 H	WWW.PSAT.TV	30000
●12.728 H	2STV	30000
●12.728 H	DIRECT 8	30000
●12.728 H	MSNBC AFRICA	30000
●12.728 H	MTA INTL	30000
●12.728 H	RTS	30000
●12.728 H	Origine FM	30000
●12.728 H	RFI Afrique	30000
●12.728 H	RSI	30000
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●12.728 H	INTERSAT AFRICA	30000
●12.728 H	Kertel	30000
●12.728 H	SatSurf	30000
●12.728 H	SYTEA Bridge	30000
●12.728 H	TELEDATA	30000

EUROBIRD 9
9.0 East
EUB009KW

11.727 V	Discovery	27500
11.727 V	História	27500
11.727 V	Odisseia	27500
11.727 V	Panda	27500
11.727 V	People & Arts	27500
11.727 V	RTP 1	27500
11.727 V	RTP 2	27500
11.727 V	RTP N	27500
11.727 V	SIC	27500
11.727 V	TVI	27500
11.727 V	OTA DVB	27500
11.747 H	3 CH	27500
11.747 H	AUTOMOTIVE CHANNE	27500
11.747 H	Bet Vision	27500
11.747 H	BLU	27500
11.747 H	ITALIA 2	27500
11.747 H	NESSUNO ESCLUSO	27500
●11.747 H	RETE 7	27500
●11.747 H	SALENTO CHANNEL	27500
●11.747 H	STUDIO 100 TV	27500
●11.747 H	TVA VICENZA	27500
●11.747 H	R&R SELEX	27500
11.747 H	ROS&ROS	27500
11.747 H	EB9 SKL	27500
11.766 V	Biography	27500
11.766 V	Hollywood	27500
11.766 V	MGM	27500
11.766 V	MTV	27500
●11.766 V	MVMTV	27500
11.766 V	NASN	27500
11.766 V	Travel	27500
11.766 V	VH1	27500
11.766 V	RBTI	27500
●11.766 V	RNTV	27500
●11.766 V	OTA DigitAll	27500
11.766 V	TT STB Update	27500
11.785 H	CCTV 4	27500
●11.785 H	M3 sat FEED	27500
●11.785 H	M3 sat HELLAS	27500
●11.785 H	M3 sat VELTRO	27500
11.785 H	Nessuno TV	27500
11.785 H	Neth Srilanka	27500
11.785 H	Telelombardia	27500
11.785 H	CUOREDUE CENTRO	27500
11.785 H	CUOREDUE SUD	27500
11.785 H	GAMMARADIO	27500
●11.785 H	Radio CRC	27500
11.785 H	Radio Nostalgia	27500
●11.804 V	LUXE.TV HD	27500
●11.804 V	LUXE.TV SD	27500
●11.804 V	LUXE.TV UK HD	27500
●11.823 H	TVB Classic	27500
●11.823 H	TVB Entertainment Ne	27500
●11.823 H	TVB LifeStyle	27500
●11.823 H	TVBN	27500
●11.823 H	TVBS Europe	27500
11.843 V	SVT Europa	27500
●11.843 V	AASTHA.INTERNATIO	27500
●11.843 V	Al Bashara	27500
●11.843 V	ARY Musik	27500
●11.843 V	ARY One World	27500
●11.843 V	ARY QTV	27500
11.843 V	B4U Music	27500
●11.843 V	DAN (Tamil)	27500
●11.843 V	Euro Television Test	27500
●11.843 V	Kairali	27500
●11.843 V	Nepali	27500
●11.843 V	TV Lanka	27500
●11.843 V	ZEE Music	27500
●11.843 V	ZEE Russia	27500
●11.843 V	Radio HAY	27500
11.843 V	Radio Sweden 1	27500
11.843 V	Radio Sweden 2	27500
●11.900 H	G XTRA	27500
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●11.900 H	E! Entertainment	27500
●11.900 H	Fox Sports Africa	27500
●11.900 H	G Prime	27500
●11.900 H	G Prime	27500
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●11.900 H	G Sports 2	27500
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●11.900 H	Kiss	27500
●11.900 H	MGM	27500
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●11.900 H	Sky News	27500
●11.900 H	TV5 Monde Afrique	27500
●11.900 H	Zee Cinema	27500
●11.900 H	Software Download	27500
●11.916 V	G Africa	27500
●11.916 V	G Series	27500
●11.916 V	Kidsco	27500
11.958 V	Boomerang Germany	27500
11.958 V	CN Germany	27500
●11.958 V	TBi	27500
11.958 V	TCM Germany	27500
11.958 V	C-MUSIC	27500
11.958 V	MelodyZen HD	27500
●11.958 V	MelodyZen SD	27500
11.958 V	Poker Channel	27500
11.977 H	OCC	27500
●11.977 H	OCC_2	27500
11.977 H	TSBS-MB-cz	27500
11.977 H	TSBS-MB-dt	27500
11.977 H	TSBS-MB-f	27500
11.977 H	TSBS-MB-nl	27500
11.977 H	TSBS-MB-rum	27500
11.977 H	TSBS-MB-s	27500
11.977 H	TSBS-MB-sl	27500
●11.977 H	Testbild	27500
●11.977 H	Sportinfo	27500
●12.034 V	Eurosport / HBO HD	27500
●12.034 V	Eurosport	27500
●12.034 V	Eurosport 2	27500
●12.034 V	HirTV	27500
●12.034 V	Minimax	27500
●12.034 V	Musicmax Adult	27500
●12.034 V	National Geographic	27500
●12.034 V	Viasat3	27500
●12.034 V	test	27500
●12.074 V	National Geographic	27500
●12.074 V	m1	27500
●12.074 V	Duna TV	27500
●12.074 V	Filmbox Extra	27500
●12.074 V	m2	27500
●12.074 V	Magyar ATV	27500
●12.074 V	RTL Klub	27500
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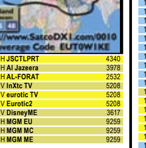
●12.074 V	Filmbox HD	27500

EUTELSAT W1
10.0 East
EUT0W1KE



11.126 H	JSCTLPRT	4340
11.156 H	Al Jazeera	3978
11.175 H	AL-FORAT	2532
11.190 V	InXtc TV	5208
11.190 V	eurotic TV	5208
11.190 V	Eurotic2	5208
●12.568 V	DisneyME	3617
●12.611 H	MGM EU	9259
●12.611 H	MGM MC	9259
12.611 H	MGM ME	9259

HOTBIRD 6,7A,8
13.0 East
HOT006KB

10.775 H	AFN Atlantic/Power	28000
10.775 H	AFN Iraq Radio	28000
10.775 H	Bavaria	28000
10.775 H	Benelux	28000
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10.775 H	Guide/Country	28000
10.775 H	Guide/ESPN Radio	28000
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10.775 H	Guide/Hot AC	28000
10.775 H	Guide/NPR	28000
10.775 H	Guide/PowerNet/Hot	28000
10.775 H	Guide/Pure Gold	28000
10.775 H	Guide/The Touch	28000
10.775 H	Guide/Z-rock ABC H	28000
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10.775 H	Pacific/Pure Gold	28000
10.775 H	Spectrum/Touch/Conti	28000
10.775 H	Sports/ESPN/FoxSpo	28000
10.775 H	Voice	28000
10.775 H	Bars and Test Tone +	28000
10.775 H	SMPTE Time Code	28000
10.775 H	UI Split/Voice	28000
10.815 H	Duna TV	
10.815 H	Petofi Radio	
10.815 H	Regionalis es Nemzet	
10.829 H	Autonomia	3333
10.834 V	Canal+	27500
10.834 V	Canal+ Cinéma	27500
10.834 V	Canal+ Décalé	27500
10.834 V	Canal+ Hi-Tech	27500
10.834 V	Canal+ Sport	27500
10.834 V	Eurosport 2	27500
10.834 V	France 2	27500
10.834 V	France 3	27500
●10.834 V	ITELE	27500
10.834 V	OL TV	27500
10.834 V	0208010a0F	27500
10.834 V	0208041a0F	27500
10.834 V	Debits de jetons	27500
10.853 H	INXTC TV	27500
10.853 H	'Arab-Girls.TV	27500
10.853 H	ALO TV	27500
10.853 H	ArabSexClub	27500
10.853 H	eurotic TV	27500
10.853 H	eurotic TV 2	27500
10.853 H	Fatayat 7'armanat	27500
10.853 H	Sexy-Arab.TV	27500
10.853 H	Supreme Master TV	27500
10.853 H	Ta3arees TV	27500
10.853 H	Acentic	27500
10.853 H	EUMETCAST	27500
10.853 H	GlobalK-Sat	27500
10.853 H	Tenfore	27500
●10.872 V	Equidia	27500
●10.872 V	Equidia Outlist	27500
●10.872 V	France 4	27500
●10.872 V	France 5	27500
●10.872 V	France Ô	27500
●10.872 V	La Chaine Parlementa	27500
●10.872 V	La Chaîne Parlementa	27500
●10.872 V	M6 Music Black	27500
●10.872 V	M6 Music Rock	27500
●10.872 V	Sci Fi	27500
●10.872 V	TV Breizh	27500
●10.872 V	Ushuaia TV	27500
●10.872 V	Fun Radio	27500
●10.872 V	RMC	27500
●10.872 V	RTL2	27500
●10.872 V	Alouette	27500
●10.872 V	Europe1	27500
●10.872 V	Guide	27500
●10.872 V	Radio Classique	27500
●10.872 V	RFM	27500
●10.872 V	RTL	27500
●10.872 V	Virgin Radio	27500
●10.872 V	01 03 01 46	27500
●10.872 V	01 03 04 48	27500
●10.872 V	01 03 06 23	27500
●10.872 V	01 04 01 46	27500
●10.872 V	01 04 04 48	27500
●10.872 V	01 06 01 46	27500
●10.872 V	01 06 04 48	27500
●10.872 V	01 07 01 46	27500
●10.872 V	01 07 04 48	27500
●10.872 V	01 08 01 46	27500
●10.872 V	01 08 04 48	27500
●10.872 V	01 46 01 65	27500
●10.872 V	01 46 04 65	27500
●10.872 V	01 60 01 65	27500
●10.872 V	01 60 04 65	27500
●10.872 V	02 01 01 82	27500
●10.872 V	02 01 04 84	27500
●10.872 V	02 02 01 82	27500
●10.872 V	02 02 04 84	27500
●10.872 V	02 04 01 82	27500
●10.872 V	02 04 04 84	27500
●10.872 V	02 05 01 82	27500
●10.872 V	02 05 04 84	27500
●10.872 V	02 06 01 82	27500
●10.872 V	02 06 04 84	27500
●10.872 V	Boutique Votre Abonn	27500
●10.872 V	Notification Débits	27500
●10.872 V	opentst	27500
●10.872 V	test-96-0	27500
●10.872 V	UPSELLING	27500
●10.872 V	Votre_Contrat	27500
10.971 H	Baby TV	27500
10.971 H	TIN + 18668336763	27500
10.971 H	3 Channel	27500
10.971 H	Al-Anwar	27500
10.971 H	Asianet Plus	27500
10.971 H	GOD TV	27500
10.971 H	MRTV / Univ TV	27500
10.971 H	Music Box Russia	27500
10.971 H	NTD TV	27500
10.971 H	Russia Today	27500
10.971 H	Suroyo tv	27500
10.971 H	Suryoyo Sat	27500
10.971 H	Telenova	27500
10.971 H	The Word Network	27500
10.971 H	TRT-INT	27500
10.971 H	VenetoSat	27500
10.971 H	Wind int. tv	27500
10.971 H	DHALAD Radio	27500
●10.971 H	Glas Drin BiH	27500
10.971 H	ILO Romano Radio	27500
10.971 H	Nawa Kurd Radio	27500
10.971 H	R.jamawar_KSDP	27500
10.971 H	Radio Tondar	27500
10.971 H	Radyo-2 (TRT FM)	27500
10.971 H	Thuthi FM-Tamil	27500
10.971 H	TSR Turkce	27500
10.971 H	Turizm Radyosu	27500
10.971 H	VOT West	27500
10.971 H	VOT World	27500
10.992 V	Rai Africa	27500
10.992 V	Rai Due	27500
10.992 V	Rai Gulp	27500
10.992 V	Rai Tre	27500
10.992 V	Rai Uno	27500
10.992 V	RAITALIA INTERNAT	27500
10.992 V	FD Leggera	27500
10.992 V	Multilingue 1	27500
10.992 V	Multilingue 2	27500
10.992 V	Radio OM unica	27500
10.992 V	Radio2 mono	27500
10.992 V	Radio3 mono	27500
10.992 V	SatelRadio	27500
11.013 H	AIT	27500
11.013 H	AL FAYHAA	27500
●11.013 H	Angel TV	27500
●11.013 H	Bridge TV	27500
11.013 H	Canale8	27500
11.013 H	CGN	27500
11.013 H	Cinquestelle	27500
11.013 H	Gali Kurdistan TV	27500
11.013 H	LA 9	27500
11.013 H	Marine Biz TV	27500
●11.013 H	MTA International	27500
11.013 H	RU TV	27500
11.013 H	Rusiya Al-Yaum	27500
11.013 H	SARAFAN	27500
11.013 H	TBM	27500
11.013 H	Telecolore	27500
11.013 H	VideoBergamo	27500
11.013 H	RUSSIAN RADIO	27500
11.013 H	European Radio for B	27500
11.013 H	London Tamil Radio	27500
11.013 H	London TBC	27500
11.013 H	New Life Radio Russi	27500
●11.013 H	R.Kurdistan	27500
11.013 H	RDK DUHOK	27500
11.013 H	Tamil ITR France	27500
11.013 H	Tamil Radio EU	27500
11.013 H	TAMIL RADIO TIR	27500
11.034 V	Berbere Television	27500
11.034 V	Boomerang	27500
●11.034 V	MTV BASE	27500
11.034 V	PINK TV PINKX	27500
11.034 V	Tele Melody	27500
11.034 V	W9	27500
11.034 V	Aljazeera Intl	27500
11.034 V	CCTV9	27500
11.034 V	CLP TV	27500
11.034 V	Demain!	27500
11.034 V	M6 Boutique la chain	27500
11.034 V	RTR	27500
11.034 V	Vesti	27500
11.034 V	Radio Berbere	27500
11.054 H	Akubis Classic	27500
11.054 H	Akubis Direkt	27500
11.054 H	bwtv	27500
11.054 H	RTL CH	27500
11.054 H	AKUBIS Special IG	27500
11.054 H	C TV Coptic CH	27500
11.054 H	Iran Beauty	27500
11.054 H	MI-TV	27500
11.054 H	Sport Channel	27500
11.054 H	SRI TV	27500
●11.054 H	tv PERSIA	27500
11.054 H	Venere TV	27500
11.054 H	ZDF	27500
11.054 H	Akubis Daten	27500
11.075 V	Comedy Central Polsk	27500
●11.075 V	Comedy Central Polsk	27500
11.075 V	Game One	27500
11.075 V	MTV 1	27500
11.075 V	MTV Polska	27500
11.075 V	MTV Polska.	27500
11.075 V	MTV Portugal	27500
11.075 V	Nickelodeon Euro	27500
11.075 V	VH1	27500
11.075 V	VH1 Polska	27500
11.075 V	VH1 Polska.	27500
11.075 V	VH1.	27500
11.075 V	{Empty}	27500
11.075 V	VIVA Polska	27500
11.075 V	VIVA Polska.	27500
●11.096 H	AFN Family Channel	28000
●11.096 H	AFN Freedom	28000
●11.096 H	AFN Movie Channel	28000
●11.096 H	AFN Vicenza Continge	28000
●11.096 H	AFN Xtra/Time Code	28000
●11.096 H	AFNS Contingency C	28000
●11.096 H	Aviano	28000
●11.096 H	Naples	28000
●11.096 H	News/BrightAC/Coun	28000
●11.096 H	Sigonella	28000
●11.096 H	Vicenza	28000
●11.096 H	Pentagon Channel	28000
●11.096 H	AFN Freedom Radio	28000
●11.096 H	Power - La Maddalena	28000
●11.096 H	Power - Livorno	28000
●11.096 H	Power - Naples	28000
●11.096 H	Power - Sigonella	28000
●11.096 H	Power 107 Vicenza	28000
●11.096 H	Power-Vicenza	28000
●11.096 H	The Eagle - Vicenza	28000
●11.096 H	The Eagle - La Madda	28000
●11.096 H	The Eagle - Livorno	28000
●11.096 H	The Eagle - Naples	28000
●11.096 H	The Eagle - Sigonell	28000
●11.096 H	The Eagle-Vicenza	28000
11.137 H	Motors TV	27500
11.137 H	ANN	27500
11.137 H	GEM TV	27500
11.137 H	Iran TV	27500
11.137 H	Kurdistan TV	27500
11.137 H	RTB	27500
11.137 H	Starmarket	27500
11.137 H	TV5MONDE EUROPE	27500
11.137 H	TV5MONDE FBS	27500
11.137 H	Videolina	27500
11.137 H	Videolook	27500
●11.158 V	Polsat Sport	27500
●11.158 V	Polsat	27500
●11.158 V	Polsat Sport Extra	27500
●11.158 V	Superstacja	27500
●11.158 V	TV4	27500
●11.158 V	Polsat2	27500
●11.158 V	TV Biznes	27500
●11.158 V	Zdrowie i Uroda	27500
●11.179 H	BTV INPS	27500
●11.179 H	JSC Sport+1	27500
●11.179 H	JSC Sport+2	27500
●11.179 H	Sisal TV	27500
●11.179 H	Canale Italia	27500
●11.179 H	Diva Futura	27500
●11.179 H	GBR	27500
●11.179 H	GLOBE MEDIA	27500
●11.179 H	NEW TELEVISION	27500
●11.179 H	Nostradamus	27500
●11.179 H	Sensuality	27500
●11.179 H	SixtyNine	27500
●11.179 H	Studio Europa	27500
●11.179 H	Telemarket	27500
●11.179 H	TV Moda	27500
11.566 H	Church Channel	27500
11.566 H	DAYSTAR	27500
11.566 H	EL SHAFAA	27500
11.566 H	Inspiration	27500
11.566 H	JCTV	27500
11.566 H	NEJAT TV	27500
●11.566 H	Smile of a Child	27500
11.566 H	TBN Europe	27500
11.566 H	TBN ITALIA	27500
11.566 H	TBN RUSSIA	27500
11.566 H	TBNEspain	27500
●11.585 V	TV GLOBO	27500
11.585 V	Walf TV	27500
11.585 V	.Viva L'Italia Chann	27500
11.585 V	Ariana TV	27500
11.585 V	BFM TV	27500
11.585 V	Bio TV	27500
11.585 V	E'TV Emilia Romagna	27500
●11.585 V	EWTN UK	27500
11.585 V	Holy God 2	27500
11.585 V	ISLAM TV	27500
11.585 V	MAHARISHI	27500
11.585 V	NRJ 12	27500
11.585 V	NRJ 12 HQ	27500
11.585 V	RTS SAT	27500
11.585 V	SPIRIT CHANNEL	27500
11.585 V	radio Walfadjri	27500
●11.585 V	Test Radio Globo	27500
11.585 V	Cherie FM	27500
11.585 V	Nostalgie	27500
●11.585 V	NRJ	27500
11.585 V	Rire & Chansons	27500
11.604 H	' ' Hot Arab Sex	27500
11.604 H	.69arabdream.tv	27500
11.604 H	.arab babes	27500
11.604 H	.Top Porn Stars	27500
11.604 H	7'armanat Nar	27500
11.604 H	Al Arab Erotica	27500
11.604 H	Arab XXX	27500
11.604 H	arab-69.tv	27500
●11.604 H	COOLtv	27500
11.604 H	DW-TV ARABIA	27500
11.604 H	DW-TV EUROPA	27500
11.604 H	Erde und Mensch	27500
11.604 H	Erotica Arabia TV	27500
11.604 H	FREE CHANNEL	27500
11.604 H	Hot Sex Sat	27500
11.604 H	IranMusic	27500
11.604 H	Italiamia	27500
11.604 H	Lebnaniat TV.	27500
11.604 H	Napoli TLA	27500
11.604 H	pdf.tv	27500
11.604 H	RTL 2 CH	27500
11.604 H	Sexy Sexy TV	27500
11.604 H	Tele A+	27500
11.604 H	Wala3 Arab tv	27500
11.604 H	Xtele.tv	27500
11.604 H	xxx Action TV	27500
11.604 H	DW-FEED1	27500
11.604 H	DW-FM01	27500
11.604 H	DW-FM02	27500
11.604 H	DW-FM03	27500
11.604 H	DW-FM04	27500
11.604 H	DW-FM06	27500
11.604 H	DW-FM07	27500
11.604 H	DW-M	27500
11.604 H	DW01	27500
11.604 H	DW02	27500
11.604 H	DW04	27500
11.604 H	DW05	27500
11.604 H	DW06	27500
11.604 H	DW08	27500
11.604 H	DW09	27500
11.604 H	RNW-4	27500
●11.623 V	KBS_WORLD	27500
●11.623 V	123_SAT	27500
11.623 V	ARTE	27500
●11.623 V	ARTE-ARTE CHANNEL	27500
●11.623 V	Best_of_Shopping	27500
●11.623 V	CARISMA TV	27500
●11.623 V	Cartomanzia_LOTTO	27500
11.623 V	ITALIA CHANNEL	27500
11.623 V	K+	27500
●11.623 V	Nostradamus	27500
●11.623 V	RTL_102.5_TV	27500
●11.623 V	Telepiu Channel	27500
●11.623 V	TV_ROMANIA	27500
●11.623 V	ARTE_Radio.com	27500
●11.623 V	Guardia_Costeria	27500
●11.623 V	Radio_Romania_Intern	27500
●11.623 V	RadioClassica	27500
●11.623 V	Romania_In_direct	27500
●11.623 V	RTL_102.5	27500
●11.623 V	RTL_102.5_CLASSIC	27500
●11.623 V	RTL_102.5_HC	27500
●11.623 V	RTL_102.5_ROCK	27500
11.642 H	Bloomberg Feeds (B	27500
11.642 H	Bloomberg Feeds (B	27500
●11.642 H	Bloomberg Feeds (B	27500
●11.642 H	Bloomberg Feeds (B	27500
●11.642 H	Bloomberg Feeds (B	27500
●11.642 H	Bloomberg Feeds (B	27500
●11.642 H	Bloomberg Feeds (E	27500
●11.642 H	Bloomberg Feeds (Mir	27500
11.642 H	Bloomberg Feeds (S	27500
●11.642 H	Bloomberg Feeds (S	27500
●11.642 H	Bloomberg Feeds (Era	27500
●11.642 H	Bloomberg Feeds (Era	27500
●11.642 H	Bloomberg Feeds (Era	27500
●11.642 H	Bloomberg Feeds (Era	27500
●11.642 H	Bloomberg Feeds (Era	27500
●11.642 H	Bloomberg Feeds (Fil	27500
11.662 V	13ème RUE	27500
11.662 V	COMEDIE!	27500
11.662 V	MULTIVISION 1	27500
11.662 V	MULTIVISION 2	27500
11.662 V	MULTIVISION 3	27500
11.662 V	MULTIVISION 4	27500
11.662 V	MULTIVISION 5	27500
11.662 V	MULTIVISION 6	27500
11.662 V	MULTIVISION 7	27500
11.662 V	OM TV	27500
11.662 V	SPORT+	27500
11.662 V	MULTIVISION	27500
11.662 V	CANAL+	27500
11.662 V	CANAL+ CINEMA	27500
11.662 V	CANAL+ DECALE	27500
11.662 V	CANAL+ HI-TECH	27500
11.662 V	CANAL+ SPORT	27500
11.662 V	Mathilda	27500
11.662 V	PPV_OPTV	27500
11.662 V	quizz_Satisfaction	27500
11.662 V	TELESHOPPING	27500
11.662 V	TFOU	27500
●11.678 H	AB MOTEURS	27500
●11.678 H	AB1	27500
●11.678 H	ACTION	27500
●11.678 H	ANIMAUX	27500
●11.678 H	CHASSE & PECHE	27500
●11.678 H	ENCYCLOPEDIA	27500
●11.678 H	ESCALES	27500
●11.678 H	France 5	27500
●11.678 H	France ô	27500
●11.678 H	LCP	27500
●11.678 H	MANGAS	27500
●11.678 H	RTL9	27500
●11.678 H	TF1	27500
●11.678 H	XXL	27500
●11.678 H	XXL PL	27500
●11.678 H	NT1	27500
●11.678 H	TISHK	27500
●11.678 H	SSU	27500
12.520 V	HRT PLUS	27500
12.520 V	HRT-TV1	27500
12.520 V	HRT-TV2	27500
12.520 V	Health&Beauty TV	27500
12.520 V	Ishtar TV	27500
12.520 V	Italia 8	27500
12.520 V	Jewels Sorg1	27500
12.520 V	Jewels Sorg2	27500
12.520 V	Jewels Sorg3	27500
12.520 V	NOELLO SAT	27500
12.520 V	OASI TV	27500
12.520 V	RBC-TV	27500
12.520 V	TAXI CHANNEL	27500
12.520 V	DALMATIA	27500
12.520 V	HKR	27500
12.520 V	HRT-HR1	27500
12.520 V	HRT-HR2	27500
12.520 V	HRT-HR3	27500
12.520 V	MEDIASERVIS	27500
12.520 V	Narodni radio	27500
12.520 V	OTVORENI	27500
12.520 V	PEVEC RADIO	27500
12.520 V	R MIR M	27500
12.520 V	Radio Banovina	27500
12.520 V	RADIO MARIJA	27500
12.520 V	RKC	27500
12.520 V	VOICE OF CRO	27500
●12.539 H	A3	27500
●12.539 H	BLUTV	27500
●12.539 H	Canal Algerie	27500
●12.539 H	CARPE DIEM	27500
●12.539 H	DIRECT 8	27500
●12.539 H	GENIUS TV	27500
●12.539 H	LA 8	27500
●12.539 H	MEDIOLANUM	27500
●12.539 H	Nile News	27500
●12.539 H	Nile TV Internationa	27500
●12.539 H	RETE ORO	27500
●12.539 H	Sports	27500
●12.539 H	TV8 Mt Blanc	27500
●12.539 H	TVA Vicenza	27500
●12.539 H	Al moagehat	27500
●12.539 H	Chaine 1	27500
●12.539 H	Chaine 2	27500
●12.539 H	Chaine 3	27500
●12.539 H	El Shark El Awsat	27500
●12.539 H	RADIO GENIUS	27500
●12.539 H	Data_01	27500
●12.539 H	Data_02	27500
●12.539 H	HitCast Data 1	27500
●12.539 H	SKY MEDIO	27500
●12.539 H	SKYGATE ERTU	27500
●12.539 H	Skygate RTORO	27500
●12.539 H	SkygateBLUTV	27500
●12.539 H	skygateTDA	27500
●12.539 H	SkygateTDA	27500
●12.539 H	Skyplex 10.2	27500
●12.539 H	Skyplex RMB	27500
●12.539 H	SKYPLEX TXP91	27500
12.558 V	Administra.it - FLTV	27500
12.558 V	AL JAZEERA CHILDR	27500
●12.558 V	Edusat	27500
●12.558 V	Polonia 1	27500
●12.558 V	T. R. Padre Pio	27500
●12.558 V	Tele 5	27500
●12.558 V	alenia	27500
12.558 V	AleniaSpazio	27500
●12.558 V	CID00004600	27500
●12.558 V	CID00004601	27500
●12.558 V	CID00004602	27500
●12.558 V	CID00004603	27500
●12.558 V	CID09000200	27500
●12.558 V	CID09000201	27500
●12.558 V	CID09000600	27500
●12.558 V	CID09000601	27500
●12.558 V	CID09000602	27500
●12.558 V	CID0b002a00	27500
●12.558 V	CID0b002a01	27500
●12.558 V	CID0b004400	27500
●12.558 V	CRF-Perugia	27500
12.558 V	CSF-Viminale	27500
12.558 V	ITA-FOC-17(SKY2)	27500
12.558 V	Network	27500
12.558 V	QAT-DOH-008	27500
12.558 V	SIMS Signaling	27500
12.558 V	skn-92-8	27500
12.558 V	skygate24	27500
12.558 V	skygate27	27500
●12.558 V	SkyPlex CHID 4	27500
●12.558 V	Skyplex Internal	27500
12.558 V	SKYPLEX TXP92	27500
●12.558 V	TOR_VVF	27500
●12.558 V	TorinoVVF	27500
●12.558 V	VFSAT8	27500
●12.577 H	CONTO TV 1	27500
●12.577 H	CONTO TV 2	27500
●12.577 H	PINK_EXTRA	27500
●12.577 H	pink_plus	27500
●12.577 H	Abu_Dhabi_Sport	27500
●12.577 H	ARM_1	27500
12.577 H	CONTO TV	27500
●12.577 H	CONTO TV 3	27500
●12.577 H	Etruria_Channel	27500
●12.577 H	Hope_Channel	27500
●12.577 H	Hope_Channel_2	27500
●12.577 H	Liberty_TV _FR	27500
●12.577 H	Liberty_TV_NL	27500
●12.577 H	Payam_TV	27500
12.577 H	TELESUD	27500
●12.577 H	RADIO_PINK	27500
●12.577 H	RD1_Radio_ARMENIA	27500
12.577 H	WorldSat	27500
●12.577 H	worldsat-o	27500
12.597 V	CNNi	27500
12.597 V	JSTV1	27500
12.597 V	JSTV2	27500
●12.597 V	1TVRUS Europe	27500
12.597 V	BBC World	27500
12.597 V	Euronews	27500
12.597 V	KTO	27500
12.597 V	Planeta Sport	27500
12.597 V	AWR Radio 128Kbit	27500
12.597 V	Family Europe	27500
12.597 V	Family Int 1	27500
12.597 V	Family Int 2	27500
12.597 V	GBTS1	27500
12.597 V	GBTS2	27500

TV Digital | **Radio** Digital | **TV** Digital Crypt | **Radio** Digital Crypt | **TV** High Definition | **TV** High Definition Crypt | **Data** Channel | **TV** Analog | **Radio** Analog

Freq GHz	Pol	Channel Name	Symbol rate
●12.597	V	GBTS3	27500
12.597	V	IBC TAMIL RADIO	27500
●12.597	V	PEC 3 RRI 3	27500
12.597	V	PRA Radio	27500
12.597	V	Radio New Hope	27500
12.597	V	RCI 1	27500
12.597	V	RCI 2	27500
12.597	V	RCI 3	27500
12.597	V	RTE	27500
12.597	V	Sedayelran	27500
12.597	V	The Voice	27500
12.597	V	VTCSW1	27500
12.597	V	WRN Deutsch	27500
12.597	V	WRN Eng AAP	27500
12.597	V	WRN English	27500
12.597	V	WRN Events	27500
12.597	V	WRN Francais	27500
12.597	V	WRN Russkij	27500
12.597	V	WRN Sawt Al Alam	27500
12.597	V	YLESAT 1	27500
12.597	V	YLESAT 2	27500
12.597	V	Quadriga	27500

HOT008KB

Freq GHz	Pol	Channel Name	Symbol rate
10.719	V	DTV 4	27500
10.719	V	DTV CABLE MI	27500
10.719	V	DTV CABLE PL	27500
10.719	V	EUROSPORT 2	27500
●10.719	V	HALLMARK	27500
●10.719	V	HBO	27500
●10.719	V	HBO COMEDY	27500
●10.719	V	HBO2	27500
10.719	V	INFO+/C+ Sport2	27500
10.719	V	MINIMINI	27500
10.719	V	Movies24	27500
●10.719	V	MTV TWO	27500
10.719	V	PLANETE	27500
10.719	V	TV 4	27500
10.719	V	4fun.TV	27500
10.719	V	ESP	27500
●10.719	V	tech 3	27500
10.719	V	ST	27500
10.723	H	AXN	29900
10.723	H	AXN Crime	29900
10.723	H	AXN Sci-Fi	29900
10.723	H	Discovery Historia	29900
●10.723	H	Religia	29900
10.723	H	10.722 H	29900
10.723	H	AL JAZEERA SP+1	29900
10.723	H	AL JAZEERA SP+2	29900
10.723	H	ANT1 EUROPE	29900
10.723	H	Deepam TV	29900
●10.723	H	ANT1 EU promo	29900
10.723	H	MTA INTL	29900
10.723	H	RTPi	29900
10.723	H	NPR	29900
10.723	H	Radio A1	29900
10.723	H	RDPi Radio	29900
●10.757	V	C Cinéma Classic	27500
●10.757	V	C Cinéma Culte	27500
●10.757	V	C Cinéma Emotion	27500
●10.757	V	C Cinéma Famiz	27500
●10.757	V	C Cinéma Frisson	27500
●10.757	V	C Cinéma Premier	27500
●10.757	V	C Cinéma Premier 16/	27500
●10.757	V	C Cinéma Star	27500
●10.757	V	TPS Star	27500
●10.757	V	France Bleu	27500
●10.757	V	France Vivace	27500
●10.757	V	Playin TV Outlist	27500
●10.757	V	Sud Radio	27500
●10.757	V	TPS & Vous	27500
●10.757	V	Canal+	27500
●10.757	V	Playin TV	27500
●10.757	V	PRIVATE SPICE	27500
●10.757	V	RADIO2000	27500
●10.757	V	Tests terminaux	27500
●10.757	V	X X L	27500
●10.795	V	CANAL + FAMILY	27500
●10.795	V	Fun TV	27500
●10.795	V	Infosport	27500
●10.795	V	M6 Music Hits	27500
●10.795	V	Paris Première	27500
●10.795	V	Piwi	27500
●10.795	V	Planète Juniors	27500
●10.795	V	Série Club	27500
●10.795	V	Teletoon Africa	27500
●10.795	V	TPS Foot	27500
●10.795	V	Télétoon	27500
●10.795	V	Téva	27500
●10.795	V	France Info	27500
●10.795	V	France Inter	27500
●10.795	V	Radio FG	27500
●10.795	V	Quizz_TF1	27500
10.892	H	119 test 1 E	27500
10.892	H	119 test 1. E	27500
10.892	H	119 test 2 E	27500
10.892	H	119 test 2. E	27500
10.892	H	119 test 3 E	27500
10.892	H	119 test 3. E	27500
10.892	H	ALE KINO!	27500
10.892	H	CANAL+	27500
10.892	H	CANAL+ FILM	27500
10.892	H	CANAL+ SPORT	27500
10.892	H	DTV CABLE	27500
10.892	H	DTV CABLE 2	27500
10.892	H	DTV CABLE 3	27500
10.892	H	DTV CABLE AL	27500
10.892	H	DTV CABLE JE	27500
10.892	H	DTV CABLE KU	27500
10.892	H	DTV CABLE ZI	27500
10.892	H	H test 1	27500
10.892	H	H test 2	27500
10.892	H	H test 3	27500
10.892	H	JETIX	27500
10.892	H	KUCHNIA.TV	27500
10.892	H	TVP 1	27500
10.892	H	TVP 2	27500
10.892	H	ZigZap	27500
10.892	H	ZONE CLUB	27500
10.892	H	CYFRA+ RADIO	27500
10.892	H	CYFRA+ RMF	27500
10.892	H	tech	27500
10.892	H	tech 2	27500
10.892	H	CYFRA+ PR	27500
10.892	H	PHILIPS DOWNLOAD	27500
●10.910	V	Eurosport	27500
●10.910	V	Histoire	27500
●10.910	V	LCI	27500
●10.910	V	M6	27500
●10.910	V	Odyssée	27500
●10.910	V	Planète Thalassa	27500
●10.910	V	Privatespice	27500
●10.910	V	TF1	27500
●10.910	V	TF6	27500
●10.910	V	Télétoon+1	27500
●10.910	V	Météo Express	27500
●10.910	V	BFM	27500
●10.910	V	Skyrock	27500
●10.910	V	BANDIAGARA	27500
●10.910	V	FIP	27500
●10.910	V	France Culture	27500
●10.910	V	France Musique	27500
●10.910	V	Le Mouv	27500
●10.910	V	Météo Express	27500
●10.910	V	Radio Courtoisie	27500
10.930	H	A TEST	27500
10.930	H	Animal Planet	27500
10.930	H	FILMNET1 Cy	27500
10.930	H	FILMNET2	27500
10.930	H	FILMNET2 Cy	27500
10.930	H	MGM	27500
10.930	H	MTV	27500
10.930	H	National Geographic	27500
10.930	H	OTV Test	27500
●10.930	H	SigSp1	27500
10.930	H	SSExtra 2	27500
●10.930	H	Stest1	27500
10.930	H	SuperSport1 Cy	27500
10.930	H	SuperSport3	27500
10.930	H	SuperSport3 Cy	27500
10.930	H	Travel Channel	27500
10.930	H	VH1	27500
10.930	H	CY Feed	27500
10.930	H	NOVA SCOPE	27500
10.930	H	Radio Gold	27500
10.930	H	REAL FM	27500
10.930	H	SS FM	27500
10.930	H	EEPG	27500
10.930	H	Eepg	27500
10.930	H	OTV PVR	27500
10.949	V	Cartoon Network	27500
10.949	V	CN/TCM CEE Combo	27500
10.949	V	Disney Channel	27500
10.949	V	Turner Classic Movie	27500
10.949	V	Al Forat	27500
10.949	V	Al Hiwar TV	27500
10.949	V	All Music	27500
10.949	V	ANB	27500
10.949	V	DMC TV	27500
10.949	V	Noursat	27500
10.949	V	Rete Capri	27500
10.949	V	Sun KTV	27500
10.949	V	Sun TV +442083356780	27500
10.949	V	Al Forat Radio	27500
10.949	V	IRN	27500
10.949	V	Radio Capri	27500
10.949	V	Suryan Radio	27500
11.727	V	An Planet	27500
11.727	V	Disc Chnl	27500
11.727	V	Disc Civ	27500
11.727	V	Disc Science	27500
11.727	V	Trav + Leisure	27500
11.727	V	BBC Arabic	27500
11.727	V	Infochannel	27500
11.727	V	Nepali	27500
11.727	V	Sardegna Uno	27500
11.727	V	Sardinia	27500

Freq GHz	Pol	Channel Name	Symbol rate
11.727	V	SET	27500
11.727	V	Sicilia Int	27500
11.727	V	Telefortune	27500
11.727	V	TRSP	27500
11.727	V	Zagros Tv	27500
11.727	V	BBC Albanian	27500
11.727	V	BBC Arabic	27500
11.727	V	BBC Azeri	27500
11.727	V	BBC Balkans	27500
11.727	V	BBC English (Europe)	27500
11.727	V	BBC English Mid-Ea	27500
11.727	V	BBC English News	27500
11.727	V	BBC Feed 1	27500
11.727	V	BBC Feed 2	27500
11.727	V	BBC Feed 3	27500
11.727	V	BBC Feed 4	27500
11.727	V	BBC Feed 5	27500
11.727	V	BBC Feed 6	27500
11.727	V	BBC Persian	27500
11.727	V	BBC Romanian	27500
11.727	V	BBC Russian	27500
11.727	V	BBC Turkish	27500
11.727	V	BBC Ukrainian	27500
11.727	V	Zagros Radio	27500
●11.747	H	AL ARABIYA	27500
●11.747	H	Dubai Sports	27500
●11.747	H	Dubai TV.	27500
●11.747	H	EZ SHOP	27500
●11.747	H	INFINITY	27500
●11.747	H	MBC Maghreb Al-Ara	27500
●11.747	H	ME SHOP	27500
●11.747	H	PMC	27500
●11.747	H	Sama Dubai	27500
●11.747	H	SHARQIYA	27500
●11.747	H	EDTV Radio 1	27500
●11.747	H	EDTV Radio 2	27500
11.766	V	Rai Gulp	27500
11.766	V	RAI1	27500
11.766	V	RAI2	27500
11.766	V	RAI3	27500
11.766	V	RaiEdu2	27500
11.766	V	RaiMed	27500
11.766	V	Senato	27500
11.766	V	FD leggera	27500
11.766	V	Notturno italiano	27500
11.766	V	download	27500
●11.785	H	Al-Hayat	27500
●11.785	H	Arablive	27500
11.785	H	Canal 24 Horas	27500
●11.785	H	Channel One	27500
●11.785	H	Didar Global TV	27500
●11.785	H	ERO LIVE 1	27500
●11.785	H	ERO PULSE	27500
●11.785	H	Exotica	27500
●11.785	H	GAY.TV	27500
●11.785	H	Ictimai TV	27500
●11.785	H	IGHRA	27500
●11.785	H	Kicc TV	27500
●11.785	H	KontaktChance.TV	27500
●11.785	H	Mare TV	27500
●11.785	H	MARE TV	27500
●11.785	H	Payame Afghan	27500
●11.785	H	PTV	27500
●11.785	H	R1	27500
●11.785	H	SAT EROTICA	27500
●11.785	H	Subacquea	27500
●11.785	H	SUBACQUEA.TV	27500
11.785	H	TVE Internacional	27500
11.785	H	TVE Internacional As	27500
●11.785	H	VIP.TV	27500
11.785	H	Radio 1	27500
11.785	H	Radio 3	27500
11.785	H	Radio 4	27500
11.785	H	Radio 5	27500
11.785	H	Radio Clasica	27500
11.785	H	Radio Exterior	27500
11.785	H	RNE Contribucion	27500
11.804	V	Camera Deputati	27500
11.804	V	Rai Edu1	27500
11.804	V	Rai Gulp	27500
11.804	V	RaiNettunoSat1	27500
11.804	V	RaiNettunoSat2	27500
11.804	V	RaiNotizie24	27500
11.804	V	RaiSportSat	27500
11.804	V	RaiTest	27500
11.804	V	SAT2000	27500
11.804	V	BLUSAT2000	27500
11.804	V	DAB	27500
11.804	V	FD auditorium	27500
11.804	V	GR Parlam.	27500
11.804	V	Isoradio	27500
11.804	V	Radio Vaticana	27500
11.804	V	RADIODUE	27500
11.804	V	RADIOTRE	27500
11.804	V	RADIOUNO	27500
11.823	H	SuperSport1	27500
11.823	H	ALPHA TV	27500
11.823	H	ALTER	27500
11.823	H	ANT-1	27500
11.823	H	FILMNET1	27500
11.823	H	JETIX	27500
11.823	H	MEGA	27500
11.823	H	R1	27500
11.823	H	R11	27500
11.823	H	R12	27500
11.823	H	R13	27500
11.823	H	R3	27500
11.823	H	R4	27500
11.823	H	R5	27500
11.823	H	R6	27500
11.823	H	STAR	27500
11.823	H	DS Test	27500
11.823	H	Greek Church	27500
11.823	H	Love Radio	27500
11.823	H	Melodi Radio	27500
11.823	H	RR1	27500
11.823	H	RR3	27500
11.823	H	Skai Radio	27500
11.823	H	SSExtra 1	27500
11.823	H	SuperSport1	27500
11.823	H	Test2	27500
●11.842	V	Caccia e Pesca	27500
●11.842	V	Fox Crime +1	27500
●11.842	V	Jimmy	27500
●11.842	V	MotoTV	27500
●11.842	V	Yacht & Sail	27500
●11.842	V	SKY Inside	27500
●11.842	V	SKY Play IT	27500
●11.842	V	SKY Sound	27500
●11.842	V	DI561	27500
●11.842	V	IEPG Data	27500
●11.842	V	Playjam	27500
●11.861	H	Animal Planet	27500
●11.861	H	Class CNBC	27500
●11.861	H	Comedy Central	27500
●11.861	H	Discovery	27500
●11.861	H	Discovery Real Time	27500
●11.861	H	NASN	27500
●11.861	H	Nickelodeon	27500
●11.861	H	Raisat Cinema	27500
●11.861	H	Raisat Gambero	27500
●11.861	H	Raisat YOYO	27500
●11.861	H	Rock TV	27500
●11.861	H	VideoItalia	27500
●11.861	H	IEPG Data	27500
●11.880	V	Alice	27500
●11.880	V	Fantasy	27500
●11.880	V	Fox +1	27500
●11.880	V	Leonardo	27500
●11.880	V	Marcopolo	27500
●11.880	V	NatGeo Wild	27500
●11.880	V	Nuvolari	27500
●11.880	V	IEPG Data	27500
●11.880	V	DI583	27500
●11.880	V	Gestione Collegam. T	27500
●11.880	V	Prima Fila	27500
11.900	H	AXN	27500
11.900	H	Disney Ch. +1	27500
11.900	H	Inter Channel	27500
11.900	H	Juventus Channel	27500
11.900	H	Matchmusic	27500
11.900	H	MTV	27500
11.900	H	Playhouse Disney	27500
11.900	H	Raisat Premium	27500
11.900	H	Raisat Smash	27500
11.900	H	RaisatExtra	27500
11.900	H	Toon Disney	27500
11.900	H	IEPG Data	27500
11.919	V	Test	27500
11.919	V	Canale 5	27500
11.919	V	Italia 1	27500
11.919	V	Mediashopping	27500
●11.919	V	Retequattro	27500
11.919	V	Radio Mater	27500
11.958	V	SKY Sport 1	27500
11.958	V	iadv Video	27500
11.958	V	SKY Sport 2	27500
11.958	V	SKY SuperCalcio	27500
11.958	V	Sport Active 1	27500
11.958	V	Sports Active 2	27500
11.958	V	Sports Active 3	27500
11.958	V	i-Spot Nokia Nseries	27500
11.958	V	i-Spot Puntoshop	27500
11.958	V	IEPG Data	27500
●11.976	H	Cartoon Network	27500
●11.976	H	Cult	27500
●11.976	H	Cultoon	27500
●11.976	H	Fox Crime	27500
●11.976	H	Fox Life	27500
●11.976	H	Fox News	27500
●11.976	H	History +1	27500
●11.976	H	Jetix	27500
●11.976	H	NatGeoAdventur	27500
●11.976	H	NationalGeo +1	27500
●11.976	H	Sky News	27500
●11.976	H	IEPG Data	27500
●11.976	H	SKY PASS	27500
12.015	H	ART CHILDREN/TARA	27500
12.015	H	ART CINEMA - ARAB	27500
12.015	H	ART HEKAYAT - ARA	27500
12.015	H	ART MOVIES - ARAB	27500
12.015	H	ART MOVIES2 - ARA	27500
12.015	H	ART PRIME SPORT -	27500
12.015	H	ART SPORT 1 - ARA	27500
12.015	H	ART SPORT 2 - ARA	27500
12.015	H	ART SPORT 3 - ARA	27500
12.015	H	ART SPORT 4 - ARA	27500
12.015	H	ART SPORT 5 - ARA	27500
12.015	H	ART SPORT 6 - ARA	27500
12.015	H	LBC EUROPE - ARAB	27500
12.015	H	NILE DRAMA - ARAB	27500
12.015	H	FUTURE TV - ARABE	27500
12.015	H	IQRAA - ARABESQUE	27500
12.034	V	Disney Channel	27500
12.034	V	E!	27500
●12.034	V	New Ch1	27500
12.034	V	SKY Calcio 1	27500
12.034	V	SKY Mania	27500
12.034	V	SKY Max	27500
12.034	V	SKY Show	27500
12.034	V	SKYCinema 1	27500
12.034	V	SKYCinema 3	27500
12.034	V	IEPG Data	27500

Freq GHz	Pol	Channel Name	Symbol rate
12.054	H	BBC Prime	27500
12.054	H	Bloomberg	27500
12.054	H	Discovery Sci	27500
12.054	H	ESPN Classic	27500
12.054	H	Eurosport	27500
12.054	H	Eurosport 2	27500
12.054	H	EurosportNews	27500
12.054	H	SKY Sport 3	27500
12.054	H	SKY Vivo	27500
12.054	H	Sportitalia	27500
12.054	H	IEPG Data	27500
●12.072	V	Prima Fila 11	27500
●12.072	V	Prima Fila 13	27500
●12.072	V	Prima Fila 22	27500
●12.072	V	Prima Fila 28	27500
●12.072	V	Prima Fila 3	27500
●12.072	V	Prima Fila 30	27500
●12.072	V	Prima Fila 5	27500
●12.072	V	SKY Calcio 2	27500
●12.072	V	SKY Calcio 3	27500
●12.072	V	SKY Calcio 4	27500
●12.072	V	SKY Calcio 5	27500
●12.072	V	SKY Calcio 6	27500
●12.072	V	SKY Calcio 7	27500
●12.072	V	SKY Calcio 8	27500
●12.072	V	IEPG Data	27500
●12.092	H	MCT Blu	27500
●12.092	H	MCT Fantasy-Amateur	27500
12.092	H	MCT Gay-Trans	27500
●12.092	H	MCT Gold	27500
12.092	H	MCT Premium	27500
12.092	H	MCT Sct	27500
12.092	H	MCT Sex	27500
●12.092	H	MCT Strong	27500
12.092	H	MCT Super-Dream	27500
12.092	H	Redlight German	27500
12.092	H	Redlight Italy	27500
12.092	H	Redlight LATINO	27500
12.092	H	Redlight Mixx	27500
12.092	H	TELEITALIA	27500
12.092	H	MCT Lux-Best	27500
12.092	H	MCT Reality-Full	27500
12.092	H	Redlight USA	27500
12.092	H	Musicam 1	27500
12.092	H	Musicam 2	27500
12.092	H	Musicam 3	27500
12.092	H	Musicam 4	27500
12.092	H	Musicam 5	27500
12.092	H	Musicam 6	27500
12.092	H	Bolsa	27500
12.111	V	ACM Channel	27500
12.111	V	AL JAZEERA	27500
12.111	V	AlJazeera Documentar	27500
12.111	V	AlJazeera Mubasher	27500
12.111	V	MediterraneoSat	27500
12.111	V	Puglia Channel	27500
12.111	V	Radio Radio Tv	27500
12.111	V	Sicilia Channel	27500
●12.111	V	Telefoggia	27500
12.111	V	Telemarket 2	27500
12.111	V	TV della Liberta'	27500
12.111	V	UNOSAT	27500
12.111	V	ANNI 60	27500
12.111	V	DimSuono Roma	27500
12.111	V	Popolare	27500
12.111	V	R-Radio	27500
12.111	V	R.Italia S.m.i.	27500
12.111	V	R.KOLBE-SAT	27500
12.111	V	R.Maria	27500
12.111	V	R.Speranza	27500
12.111	V	Radio Eurospin	27500
12.111	V	RADIO PADANIA	27500
12.111	V	Radio Padania IP	27500
12.111	V	Radio Radicale	27500
12.111	V	Radio ZETA	27500
12.111	V	RDS	27500
12.111	V	Vietnamese PR	27500
12.111	V	OUT IP DATA TS1	27500
12.131	H	Magyar 2	
12.131	H	Bartok Radio	
12.149	V	BLU	27500
12.149	V	BLU 3	27500
12.149	V	CCTV4	27500
12.149	V	DunaTV	27500
12.149	V	FUEGO	27500
12.149	V	Khabar TV	27500
12.149	V	LIDER TV AZE	27500
12.149	V	Nessuno TV	27500
12.149	V	promocja.tv	27500
●12.149	V	SALENTO CHANNEL	27500
12.149	V	STUDIO 100 TV	27500
12.149	V	Telelombardia	27500
12.149	V	TR2SAT	27500
12.149	V	TV7 Tunis	27500
12.149	V	Ecoradio	27500
●12.149	V	MR1-Kossuth	27500
●12.149	V	MR2-Petofi	27500
●12.149	V	MR4/MR5	27500
12.149	V	R.Citta Futura	27500
12.149	V	R.Tunisie Culture	27500
12.149	V	R.Tunisie Internatio	27500
12.149	V	R.Tunisie Nationale	27500
12.149	V	Radio 6	27500
12.149	V	Radio Azzurra	27500
12.149	V	Radio Spazio Aperto	27500
12.149	V	ReteSport	27500
12.149	V	Test	27500
12.149	V	AH-EMP4-DATA	27500
12.169	H	Cartoon	27500
12.169	H	Discovery Channel	27500
12.169	H	ET-1	27500
12.169	H	ET-3	27500
12.169	H	MACEDONIA TV	27500
12.169	H	MAD T.V	27500
12.169	H	MAD TV	27500
12.169	H	NET	27500
12.169	H	R10	27500
12.169	H	R14	27500
12.169	H	R15	27500
12.169	H	R7	27500
12.169	H	R8	27500
12.169	H	R9	27500
12.169	H	SKAI TV	27500
12.169	H	SuperSport2	27500
12.169	H	SuperSport2 Cy	27500
12.169	H	SuperSport7	27500
12.169	H	SuperSport7 Cy	27500
12.169	H	TCM	27500
12.169	H	Test TX	27500
●12.169	H	Βουλή	27500
12.169	H	ERA SPORT	27500
12.169	H	ERA1	27500
12.169	H	ERA2	27500
12.169	H	ERA3	27500
12.169	H	MAD MUSIC Hits G	27500
12.169	H	Mad Music Seasonal	27500
12.169	H	MAD MUSIC Greek	27500
12.169	H	Mad Music Greek Cy	27500
12.169	H	Mad Music Hits GR	27500
12.169	H	MAD MUSIC My Rock	27500
12.169	H	Mad Music My Rock Cy	27500
12.169	H	MAD MUSIC Rebetico	27500
12.169	H	Mad Music Rebetico C	27500
12.169	H	MAD MUSIC Seasonal	27500
12.188	V	Animal Planet	27500
12.188	V	AXN	27500
12.188	V	AXN Crime	27500
12.188	V	AXN Sci-Fi	27500
12.188	V	Cinemax2	27500
12.188	V	Discovery	27500
12.188	V	ESPN	27500
12.188	V	Extreme Sports	27500
12.188	V	FoxLife	27500
12.188	V	Jetix	27500
12.188	V	KINO POLSKA	27500
12.188	V	Test_P	27500
12.188	V	TVP1	27500
12.188	V	TVP2	27500
12.188	V	Zone Romantica	27500
12.188	V	EpgOpenTV	27500
12.188	V	01 41 01 06	27500
●12.188	V	02010016	27500
●12.188	V	0202000E	27500
●12.188	V	Samsung2	27500
12.207	H	Free-X TV	27500
12.207	H	FREE-XTV 2	27500
12.207	H	XDream TV	27500
12.207	H	3ABN International	27500
12.207	H	Arirang TV	27500
12.207	H	Asianet	27500
12.207	H	CNL	27500
12.207	H	F men	27500
12.207	H	Fashion TV	27500
12.207	H	KURDsat	27500
12.207	H	Newroz	27500
12.207	H	Pars TV	27500
12.207	H	Rojhelat	27500
12.207	H	SAMA FM TV	27500
12.207	H	TCT	27500
12.207	H	Thai Global Network	27500
12.207	H	VTV4	27500
12.207	H	3ABN Radio	27500
12.207	H	Christian Voice	27500
●12.207	H	George Test	27500
12.207	H	Hornafrik Somalia	27500
12.207	H	Music Box Radio	27500
●12.207	H	neo zwei	27500
12.207	H	Overcomer Radio	27500
●12.207	H	Rang A Rang radio	27500
12.207	H	SWISS MUSIC RADIO	27500
12.207	H	TGN Radio	27500
12.207	H	VOV Radio	27500
12.226	V	Al Hurra-Europe TV	27500
12.226	V	IBB OS Download 8	27500
12.226	V	IBB OS Download 9	27500
12.226	V	IBB TV Dedicated C	27500
12.226	V	IBB TV Dedicated C	27500
12.226	V	IBB VOA RFERL Rad	27500
12.226	V	IBB VOA RFERL Rad	27500
12.226	V	IBB VOA RFERL Rad	27500
12.226	V	IBB VOA RFERL Rad	27500
12.226	V	IBB VOA RFERL Rad	27500
12.226	V	IBB VOA RFERL Rad	27500
12.226	V	IBB VOA RFERL Rad	27500
12.226	V	IBB VOA RFERL Rad	27500
12.226	V	IBB VOA RFERL Rad	27500
12.226	V	IBB VOA RFERL Rad	27500
12.226	V	IBB VOA RFERL Rad	27500
12.226	V	IBB VOA RFERL Rad	27500
12.226	V	IBB VOA RFERL Rad	27500
12.226	V	IBB VOA RFERL Rad	27500
12.226	V	IBB VOA RFERL Rad	27500
12.226	V	IBB VOA RFERL Rad	27500
12.226	V	VNN TEST 400	27500
12.226	V	VOA Music Mix 260	27500
12.226	V	VOA Music Mix 261	27500
12.226	V	VOA Music Mix 262	27500
12.226	V	VOA Music Mix 268	27500
12.226	V	VOA Persian TV 295	27500
12.226	V	VOA Persian TV 298	27500
12.226	V	VOA TV 1 (HB1-8)	27500
12.226	V	VOA TV 100 (HB1-4)	27500
12.226	V	VOA TV 240 (HB1-8)	27500

Freq GHz	Pol	Channel Name	Symbol rate
12.226	V	VOA TV 241 (HB1-2,	27500
12.226	V	VOA TV 242 (HB1-2,	27500
12.226	V	VOA TV 250 (HB1-8)	27500
12.226	V	VOA TV 251 (HB1-2,	27500
12.226	V	VOA TV 252 (HB1-2,	27500
12.226	V	Farda Radio 119	27500
12.226	V	Farda Radio 294	27500
12.226	V	Farda Radio 306	27500
12.226	V	IBB VOA Radio 107	27500
12.226	V	IBB VOA RFERL Rad	27500
12.226	V	IBB VOA RFERL Rad	27500
12.226	V	IBB VOA RFERL Rad	27500
12.226	V	IBB VOA RFERL Rad	27500
12.226	V	IBB VOA RFERL Rad	27500
12.226	V	IBB VOA RFERL Rad	27500
12.226	V	IBB VOA RFERL Rad	27500
12.226	V	IBB VOA RFERL Rad	27500
12.226	V	IBB VOA RFERL Rad	27500
12.226	V	IBB VOA RFERL Rad	27500
12.226	V	Sawa Egypt Radio 116	27500
12.226	V	Sawa Egypt Radio 290	27500
12.226	V	Sawa Egypt Radio 293	27500
12.226	V	Sawa Egypt Radio 302	27500
12.226	V	Sawa Gulf Radio 117	27500
12.226	V	Sawa Gulf Radio 291	27500
12.226	V	Sawa Gulf Radio 303	27500
12.226	V	Sawa Iraq Radio 115	27500
12.226	V	Sawa Iraq Radio 283	27500
12.226	V	Sawa Iraq Radio 301	27500
12.226	V	Sawa Lebanon Radio 1	27500
12.226	V	Sawa Lebanon Radio 2	27500
12.226	V	Sawa Lebanon Radio 3	27500
12.226	V	Sawa Levant Radio 11	27500
12.226	V	Sawa Levant Radio 28	27500
12.226	V	Sawa Levant Radio 30	27500
12.226	V	Sawa N. Africa Radio	27500
12.226	V	Sawa N. Africa Radio	27500
12.226	V	Sawa N. Africa Radio	27500
12.226	V	Sawa Sudan Radio 122	27500
12.226	V	Sawa Sudan Radio 297	27500
12.226	V	Sawa Sudan Radio 305	27500
12.226	V	VOA Music Mix 104	27500
12.226	V	VOA Urdu Radio 310	27500
12.245	H	Canal J	27500
12.245	H	FILLES TV	27500
12.245	H	Gulli	27500
12.245	H	MEZZO	27500
12.245	H	Private Spice	27500
12.245	H	TIJI	27500
12.245	H	Virgin 17	27500
12.245	H	AZ TV	27500
●12.245	H	COMING SOON	27500
12.245	H	DAN TV	27500
12.245	H	HOLY GOD	27500
●12.245	H	KURD 1	27500
12.245	H	Rainbow TV	27500
●12.245	H	SUBACQUEA TV	27500
12.245	H	Dan TAMIL ALAI Ra	27500
●12.245	H	FRANCE MAGHREB	27500
12.245	H	Israel 2000	27500
12.245	H	RADIO ORIENT	27500
12.245	H	RCF	27500
●12.284	H	Boomerang	27500
●12.284	H	Civilisation	27500
●12.284	H	Dla Abonentow	27500
●12.284	H	E!	27500
●12.284	H	Jetix Play	27500
●12.284	H	Playboy	27500
●12.284	H	Science	27500
●12.284	H	Test-EPG	27500
●12.284	H	Travel	27500
●12.284	H	TV1000	27500
●12.284	H	Zone Club	27500
●12.284	H	Zone Europa	27500
●12.284	H	Zone Reality	27500
●12.284	H	Jedynka - PR	27500
●12.284	H	Radio Polonia	27500
●12.284	H	RMF FM	27500
●12.284	H	Test Radio 2	27500
●12.284	H	Trójka - PR	27500
●12.284	H	Pogoda	27500
●12.284	H	Portal ITV	27500
●12.284	H	RADIO PLUS	27500
●12.284	H	Radio Plus	27500
●12.284	H	Radio ZET	27500
●12.284	H	Radiostacja	27500
●12.284	H	RMF Classic	27500
●12.284	H	RMF MAXXX	27500
●12.284	H	Test	27500
●12.284	H	01 34 01 16	27500
●12.284	H	CP_Download	27500
●12.284	H	EDCPS	27500
●12.284	H	SAMSUNG370	27500
●12.284	H	SCM Download	27500
●12.284	H	Techniczny	27500
12.303	V	NTV HAYAT SAT	27500
12.303	V	BLU LINE	27500
12.303	V	BVN-TV	27500
12.303	V	CRO MUSIC CHANNEL	27500
12.303	V	DANCE TV	27500
12.303	V	Diva Futura LIVE	27500
12.303	V	ITALIAN MUSIC	27500
12.303	V	Kanal e Jadid	27500
●12.303	V	LOVEWORLD	27500
12.303	V	PLEASURE TV	27500
12.303	V	SLO-TV1	27500
12.303	V	SLO-TV2	27500
12.303	V	SLO-TV3	27500
12.303	V	TV K-C	27500
12.303	V	TV SLJEME	27500
●12.303	V	TVS	27500
12.303	V	XL Tv	27500
12.303	V	CAPODISTRIA	27500
●12.303	V	RA.OGNJISCE SI	27500
12.303	V	RADIO SI	27500
12.303	V	RNW-1	27500
12.303	V	RNW-2	27500
12.303	V	SLO-RA1-INF	27500
12.303	V	SLO-RA2	27500
12.303	V	SLO-RA3	27500
12.322	H	RTVi Detskii Mir -	27500
12.322	H	RTVi Europe	27500
12.322	H	RTVi ME	27500
12.322	H	RTVi Nashe Kino	27500
●12.322	H	SCI FI	27500
●12.322	H	TRACE-TV	27500
12.322	H	UNIVERSAL	27500
12.322	H	France 24 (in Arabic	27500
●12.322	H	Italy&Italy	27500
12.322	H	RIT-TV	27500
12.322	H	World Fashion	27500
12.322	H	GRAND	27500
12.322	H	Lijepa nasa (LINA)	27500
12.322	H	MB MITIC BILJANA	27500
12.322	H	PEIRAIKI EKKLISIA	27500
12.322	H	Radio Azadegan	27500
12.322	H	Radio Dijla	27500
12.322	H	RADIO FLES	27500
12.322	H	RADIO IZVOR	27500
12.322	H	Radio SRNA-BOSANK	27500
12.322	H	Radio SvetPLUS	27500
12.322	H	RAM RAJ RADIO	27500
12.322	H	Srce Lijepe Nase	27500
12.322	H	TREF Radio	27500
12.322	H	VULKAN radio	27500
12.322	H	YU PLANET BEC	27500
12.341	V	Prima Fila 16	27500
12.341	V	Prima Fila 20	27500
12.341	V	Prima Fila 24	27500
12.341	V	Prima Fila 26	27500
12.341	V	Prima Fila 8	27500
12.341	V	SKY Calcio 10	27500
12.341	V	SKY Calcio 11	27500
12.341	V	SKY Calcio 12	27500
12.341	V	SKY Calcio 13	27500
12.341	V	SKY Calcio 14	27500
12.341	V	SKY Calcio 9	27500
12.341	V	SKY Sport 16:9	27500
12.341	V	SKY Sport Extra	27500
12.341	V	IEPG Data	27500
12.360	H	SEX VIEW HQ	27500
12.360	H	SEX VIEW 247	27500
12.360	H	SEX VIEW CLIMAX	27500
12.360	H	SEX VIEW DP	27500
12.360	H	SEX VIEW EXTRA	27500
12.360	H	SEX VIEW EXTREME	27500
12.360	H	SEX VIEW GAY	27500
12.360	H	SEX VIEW HOT	27500
12.360	H	SEX VIEW HQ	27500
12.360	H	SEX VIEW INFO	27500
12.360	H	SEX VIEW INTER	27500
12.360	H	SEX VIEW PLUS	27500
12.360	H	SEX VIEW SPECIAL	27500
12.360	H	SEX VIEW TV	27500
12.360	H	!ALLOVE	27500
12.360	H	.AAA Sex Channel	27500
12.360	H	HOUSE CHANNEL	27500
●12.360	H	KARIALI TV	27500
●12.360	H	PIANETA TV	27500
●12.360	H	QUORE TV	27500
12.360	H	SEX VIEW 264	27500
●12.360	H	SEXWORLD	27500
12.360	H	SEXYSAT2	27500
12.360	H	SEXYSAT3	27500
12.360	H	SEXYSAT4	27500
12.399	H	HD suisse	27500
12.399	H	SF 1	27500
12.399	H	SF zwei	27500
12.399	H	SF info	27500
12.399	H	SRG-DRS 1	27500
12.399	H	SRG-DRS 2	27500
12.399	H	SRG-DRS 3	27500
12.399	H	SRG-DRS 4 News	27500
12.399	H	SRG-DRS Musikwelle	27500
12.399	H	SRG-DRS Virus	27500
12.399	H	SRG-Rumantsch	27500
12.399	H	SRG-Swiss Classic	27500
12.399	H	SRG-Swiss Jazz	27500
12.399	H	SRG-Swiss Pop	27500
12.418	V	Classica	27500
12.418	V	CNN Intl.	27500
12.418	V	Discovery Civil.	27500
12.418	V	Discovery Travel	27500
12.418	V	La7	27500
12.418	V	Milan Channel	27500
●12.418	V	SKY Cinema Hits	27500
12.418	V	SKY Classics	27500
12.418	V	SKYCinema 2	27500
12.418	V	IEPG Data	27500
12.437	H	AL-ALAM	27500
12.437	H	ALKAWTHAR	27500
●12.437	H	FEED	27500
12.437	H	IRIB1 ENG	27500
12.437	H	IRIB1 PER	27500
12.437	H	IRIB2 ENG	27500
12.437	H	IRIB2 PER	27500
●12.437	H	IRIBQURAN	27500
12.437	H	IRINN	27500
12.437	H	PRESS TV	27500
12.437	H	SAHAR	27500
12.437	H	IRIB1/IRIB2	27500
12.437	H	IRIB3/IRIB6	27500

Freq GHz	Pol	Channel Name	Symbol rate
12.437	H	IRIB5/IRIB4	27500
12.437	H	RADIO IRAN	27500
●12.437	H	RADIO MAAREF(ENG)	27500
12.437	H	RADIO QURAN	27500
12.437	H	SEDAYE ASHNA	27500
●12.466	V	Deejay TV	27500
●12.466	V	MTV Brand New	27500
●12.466	V	MTV Gold	27500
●12.466	V	MTV Hits	27500
●12.466	V	MTV Pulse	27500
●12.466	V	Music on SKY	27500
●12.466	V	SKY Assist	27500
●12.466	V	Vh1	27500
●12.466	V	50 songs	27500
●12.466	V	B-Side	27500
●12.466	V	Baby Mix	27500
●12.466	V	Capital '70	27500
●12.466	V	Disc Joker	27500
●12.466	V	Extrabeat	27500
●12.466	V	Heart n' song	27500
●12.466	V	Hit Italia	27500
●12.466	V	ItalianVintage	27500
●12.466	V	Jazz & Fusion	27500
●12.466	V	Jazz Gold	27500
●12.466	V	Livetime	27500
●12.466	V	New Rock	27500
●12.466	V	Onda Latina	27500
●12.466	V	Opera	27500
●12.466	V	Out Of Mind	27500
●12.466	V	Rock Classic	27500
●12.466	V	Rock Shock	27500
●12.466	V	Sinfonia	27500
●12.466	V	Soul Train	27500
●12.466	V	Soulsista	27500
●12.466	V	Stardust	27500
●12.466	V	Vintage '60	27500
●12.466	V	Yesterjay '80	27500
●12.466	V	Yesterjay '90	27500
●12.466	V	IEPG Data	27500
12.476	H	Alpha ETC Punjabi	27500
12.476	H	ARY DIGITAL	27500
12.476	H	B4U Movies	27500
12.476	H	Zee Cinema	27500
12.476	H	Zee TV	27500
12.476	H	.Eurotour-Xstream	27500
12.476	H	2M MAROC	27500
●12.476	H	Finest TV	27500
12.476	H	Komala TV	27500
12.476	H	LIVE 24	27500
12.476	H	MEZOPOTAMIA	27500
●12.476	H	Newroz	27500
12.476	H	Podroze TV	27500
12.476	H	ROJ	27500
12.476	H	Tele A	27500
12.476	H	ROUGE FM	27500
12.476	H	ALMAHABA	27500
12.476	H	DENGE RADIO	27500
12.476	H	Eviva Radio	27500
12.476	H	RADIO 2M MAROC	27500
12.476	H	RADIO 74	27500
12.476	H	Radio Zamaneh	27500
12.476	H	RVi 1 (VRT)	27500
●12.476	H	RVi 2 (VRT)	27500
12.476	H	TASVIR IRAN	27500
12.476	H	TOP TWO	27500
12.476	H	AllSat.Com	27500
12.476	H	Allsatcom4	27500
12.476	H	HUMAX DOWNLOAD SV	27500
12.476	H	MOVIEPEAK	27500
12.476	H	Opentech	27500
12.476	H	StrongDigitalTV	27500
12.616	H	FX	27500
12.616	H	Prima Fila 1	27500
12.616	H	Prima Fila 10	27500
12.616	H	Prima Fila 12	27500
12.616	H	Prima Fila 2	27500
12.616	H	Prima Fila 4	27500
12.616	H	Prima Fila 6	27500
12.616	H	Prima Fila 7	27500
12.616	H	Prima Fila 9	27500
●12.616	H	Vetrina Primafila	27500
12.616	H	DI583	27500
12.616	H	IEPG Data	27500
12.635	V	Prima Fila 14	27500
12.635	V	Prima Fila 15	27500
12.635	V	Prima Fila 17	27500
12.635	V	Prima Fila 18	27500
12.635	V	Prima Fila 19	27500
12.635	V	Prima Fila 21	27500
12.635	V	Prima Fila 23	27500
12.635	V	Prima Fila 25	27500
12.635	V	Prima Fila 27	27500
12.635	V	Prima Fila 40	27500
12.635	V	IEPG Data	27500
12.635	V	Zona Bet Test	27500
●12.654	H	AL IRAQIA TV	27500
12.654	H	ALMUSTAKILLA	27500
12.654	H	ESC	27500
12.654	H	JORDAN	27500
12.654	H	KUWAIT	27500
12.654	H	LIBYA	27500
12.654	H	OMAN	27500
12.654	H	QATAR TV	27500
12.654	H	SAUDI 1	27500
12.654	H	SHARJAH TV	27500
12.654	H	STRIKE TV	27500
12.654	H	SUDAN	27500
12.654	H	AL-IRAQIA QURAN	27500
12.654	H	ESC R1	27500
12.654	H	ESC R2	27500
12.654	H	ESC R3	27500
12.654	H	JORDAN R1	27500
12.654	H	KUWAIT R1	27500
12.654	H	KUWAIT R2	27500
12.654	H	OMAN -HOLY QURAN	27500
12.654	H	OMAN R1	27500
12.654	H	OMAN R2	27500
12.654	H	OMAN R3	27500
12.654	H	QATAR R1	27500
12.654	H	RADIO BAGHDAD	27500
12.654	H	SAUDI1 R1	27500
12.654	H	SAUDI1 R2	27500
12.654	H	SHARJAH R1	27500
12.654	H	SHARJAH R2	27500
12.654	H	SUDAN R1	27500
12.654	H	SUDAN R2	27500
12.673	V	AL Aoula	27500
●12.673	V	Arriadia 2	27500
12.673	V	AL MAGHRIBIA	27500
12.673	V	ARRABIAA	27500
●12.673	V	ARRIADIA	27500
12.673	V	ASSADISSA	27500
12.673	V	Medi1SAT	27500
12.673	V	TVM INTER	27500
12.673	V	TVM INTER+L	27500
12.673	V	Amazigh	27500
12.673	V	Chaine inter	27500
12.673	V	Radio Dakhla	27500
●12.673	V	Radio FES	27500
12.673	V	Radio Mohamed VI	27500
12.673	V	Radio national	27500
12.673	V	MAP SAT	27500
12.692	H	AB3	27500
12.692	H	AB4	27500
12.692	H	CINE FIRST	27500
12.692	H	CINE FX	27500
12.692	H	CINE POLAR	27500
12.692	H	CINE POP	27500
12.692	H	France 2	27500
12.692	H	France 3	27500
12.692	H	France 4	27500
12.692	H	ORANGE SPORT TV	27500
●12.692	H	TEST	27500
12.692	H	TMC	27500
12.692	H	VIDEOCLICK	27500
12.692	H	Beur TV	27500
12.692	H	BIS TV PROMO	27500
12.692	H	LUXE TV	27500
12.692	H	PASSIONS	27500
12.713	V	Amici int.	27500
12.713	V	NatGeo Music	27500
12.713	V	SKY Focus	27500
12.713	V	SNAI Sat	27500
12.713	V	Anc1003	27500
12.713	V	Anc1004	27500
12.713	V	Anc1005	27500
12.713	V	Anc1006	27500
12.713	V	SKY Meteo24	27500
12.713	V	SKY TG 24	27500
12.713	V	Test 5	27500
12.713	V	IEPG Data	27500
12.731	H	Boomerang	27500
12.731	H	Cartoon +1	27500
12.731	H	Fox	27500
12.731	H	GXT	27500
12.731	H	Hallmark	27500
12.731	H	History	27500
12.731	H	Jetix +1	27500
12.731	H	NationalGeo	27500
12.731	H	New Ch4	27500
12.731	H	Roma Channel	27500
12.731	H	Universal	27500
12.731	H	IEPG Data	27500

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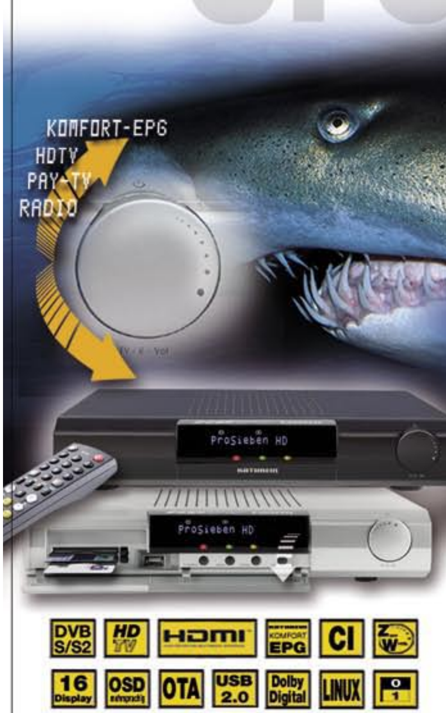
Freq GHz	Pol	Channel Name	Symbol rate
●11.117	V	BBC CBeebies Polan	27500
●11.117	V	BBC Entertainment Po	27500
●11.117	V	BBC Knowledge Poland	27500
●11.117	V	BBC Lifestyle Poland	27500
●11.117	V	BBC Prime	27500
●11.117	V	Civilisation	27500
●11.117	V	Science	27500
●11.117	V	Travel	27500
●11.117	V	Wedding TV	27500
●11.117	V	Kairali	27500
●11.117	V	BBC WS Persian Rad	27500
●11.219	H	CNBC Europe	27500
●11.219	H	JimJam	27500
●11.219	H	Prima Fila 31	27500
●11.219	H	Prima Fila 32	27500
●11.219	H	Prima Fila 33	27500
●11.219	H	Prima Fila 35	27500
●11.219	H	Prima Fila 36	27500
●11.219	H	Prima Fila 37	27500
●11.219	H	Prima Fila 38	27500
●11.219	H	Prima Fila 39	27500
●11.219	H	IEPG Data	27500
11.258	H	Boomerang	27500

Freq GHz	Pol	Channel Name	Symbol rate
11.258	H	Cartoon TCM	27500
11.258	H	Cinemax 1	27500
11.258	H	Cinemax 2	27500
11.258	H	DA VINCI	27500
11.258	H	Jetix	27500
11.258	H	KidsCo	27500
11.258	H	MTV2	27500
11.258	H	NASN	27500
●11.258	H	Nsport 58	27500
●11.258	H	Nsport 59	27500
11.258	H	OTV	27500
11.258	H	Sport Klub	27500
11.258	H	Sport Klub +	27500
11.258	H	TVN Med	27500
11.258	H	TVP 1	27500
11.258	H	TVP 2	27500
11.258	H	TVP 3	27500
11.258	H	TVP Sport	27500
●11.258	H	HBO HD	27500
11.258	H	ITVN EU	27500
11.258	H	R1	27500
11.258	H	R2	27500
●11.278	V	CANAL+ FILM HD	27500
●11.278	V	CANAL+ SPORT HD	27500
●11.278	V	NATIONAL GEO HD	27500
11.296	H	S2K	27500
11.296	H	AB Channel	27500
11.296	H	ALL TV	27500
11.296	H	Challenger Tv	27500
11.296	H	Denaro Tv	27500
11.296	H	Gold shop	27500
11.296	H	IMC	27500
11.296	H	julie	27500
11.296	H	Laurenti Ch	27500
11.296	H	Lazio Ch	27500
11.296	H	LIBERA	27500
11.296	H	Mediterraneo Sat 2	27500
11.296	H	MilanoTV Sat	27500
11.296	H	Napoli Mia	27500
11.296	H	ONE	27500
11.296	H	Poker Tv	27500
11.296	H	Punto Sat	27500
11.296	H	Puntosat3	27500
11.296	H	Radio Italia TV	27500
11.296	H	ROLSAT	27500
11.296	H	S.Neu Jerusalem	27500
11.296	H	S24	27500
11.296	H	Ulisse	27500
11.320	V	TV 5 Europe	
11.355	V	Fox Life +1	27500
11.355	V	GF Feed1	27500
11.355	V	GF Feed2	27500
11.355	V	GF Feed3	27500
11.355	V	GF Feed4	27500
11.355	V	Music Box	27500
11.355	V	NationalGeo HD	27500
11.355	V	Next HD	27500
11.355	V	Prima Fila 29	27500
11.355	V	Prima Fila 34	27500
11.355	V	SKY Cinema HD	27500
11.355	V	SKY Sport HD	27500
●11.355	V	SKY Vivo Extra 1	27500
●11.355	V	SKY Vivo Extra 2	27500
●11.355	V	SKY Vivo Extra 3	27500
●11.355	V	SKY Vivo Extra 4	27500
11.355	V	SKY Test	27500
11.355	V	BET ON SKY	27500
11.355	V	DI81	27500
11.355	V	IEPG Data	27500
11.355	V	Modalita' d'Acquisto	27500
11.355	V	SKY Assist active	27500
11.355	V	SNAI	27500
11.411	H	Dorcel TV	27500
11.411	H	MTV IDOL	27500
11.411	H	MTV PULSE	27500
11.411	H	ADJARA TV	27500
11.411	H	APOSTOLIC ONENESS	27500
11.411	H	Bethel TV	27500
●11.411	H	CALABRIA	27500
11.411	H	Cancao Nova	27500
11.411	H	Casa Italia	27500
11.411	H	ECTV	27500
11.411	H	Extra 3	27500
11.411	H	Galaxy	27500
●11.411	H	IPN	27500
11.411	H	Mondo Arte	27500
11.411	H	NAPOLI NOVA	27500
11.411	H	One Minute TV	27500
11.411	H	RTA	27500
●11.411	H	SEX HOT CHILI	27500
11.411	H	Sexxx	27500
11.411	H	TAPESH TV2	27500
11.411	H	TIZIANA SAT	27500
11.411	H	TV2DAY	27500
11.432	V	Canale 5	27500
11.432	V	Iris	27500
11.432	V	Italia 1	27500
11.432	V	Rete 4	27500
●11.432	V	Servizio 21	27500
11.432	V	Servizio 23	27500
●11.432	V	Servizio 24	27500
11.432	V	Servizio 25	27500
11.432	V	Servizio 26	27500
11.432	V	Servizio 27	27500
●11.432	V	Servizio 28	27500
11.432	V	Servizio 29	27500
11.432	V	Servizio 30	27500
11.432	V	Sportitalia	27500
11.432	V	Sportitalia24	27500
11.449	H	Discovery HD	27500
●11.449	H	FILMBOX HD	27500
11.449	H	MGM	27500
11.449	H	nSport	27500
11.449	H	nTalk	27500
11.449	H	pVOD	27500
11.449	H	TVN Lingua	27500
11.449	H	Upload	27500
11.449	H	Wojna i Pokoj	27500
●11.488	H	ANIMAL PLANET	27500
11.488	H	CINEMAX	27500
●11.488	H	CNBC	27500
●11.488	H	DISCOVERY	27500
●11.488	H	ESPN Classic Sport	27500
●11.488	H	EXTREME SPORTS	27500
11.488	H	KINO POLSKA	27500
11.488	H	TVP INFO	27500
●11.488	H	ZONE CLUB	27500
●11.488	H	ZONE REALITY	27500
11.488	H	ITV	27500
11.488	H	TV POLONIA	27500
11.488	H	TV PULS	27500
11.488	H	TVP Kultura	27500
●11.488	H	5199	27500
11.488	H	Polonia 1	27500
11.488	H	Tele5	27500
11.488	H	TRAVEL	27500
11.505	V	TVN	
11.526	H	TSI2	27500
11.526	H	TSR2	27500
11.526	H	TSI1	27500
11.526	H	TSR1	27500
11.526	H	SSR-Couleur3	27500
11.526	H	SSR-Espace 2	27500
11.526	H	SSR-La 1ere	27500
11.526	H	SSR-Option Musique	27500
11.526	H	SSR-Rete Due	27500
11.526	H	SSR-Rete Tre	27500
11.526	H	SSR-Rete Uno	27500
11.526	H	SSR-WRS	27500
11.541	V	ESP2 Hungary	22000
11.541	V	ESP2 Romania	22000
●11.541	V	NATIONAL GEO	22000
11.541	V	50 Canale	22000
11.541	V	ARCOIRIS TV	22000
11.541	V	BERGAMOSAT	22000
11.541	V	La Nuova TV	22000
11.541	V	LA7	22000
11.541	V	ROMAUNO	22000
11.541	V	Sardegna Channel	22000
11.541	V	TeleTirreno	22000
11.541	V	THOU TV	22000
11.541	V	Toscana Channel	22000
11.541	V	TV7 LOMBARDIA	22000
11.541	V	Umbria Channel	22000
●11.541	V	DISCORADIO	22000
11.541	V	Global-Mir	22000
11.541	V	KISS KISS RADIO	22000
11.541	V	LifeGate	22000
11.541	V	Millennium Radio	22000
11.541	V	R.BuonConsiglio	22000
11.541	V	R.S.F. inBlu	22000
11.541	V	R101	22000
11.541	V	Radio 24	22000
11.541	V	RADIO CUORE	22000
11.541	V	RADIO CUORE DUE	22000
●11.541	V	RADIO GYE NYAME	22000
11.541	V	RADIO KOLBE	22000
11.541	V	Radio Padre Pio	22000
11.541	V	RADIO RELAX	22000
11.541	V	Radio Torino Intl.	22000
11.541	V	ROCK FM	22000
11.541	V	VIRGIN RADIO	22000
11.541	V	ENVIATEL	22000
11.541	V	XSI	22000

Freq GHz	Pol	Channel Name	Symbol rate
11.200	V	.Lolita	27500
11.200	V	ALL SEX	27500
●11.200	V	Betting Channel	27500
11.200	V	EBC.1	27500
11.200	V	ELITE SHOPPING	27500
11.200	V	EROS LIVE	27500
●11.200	V	Heaven TV	27500
11.200	V	Hot Point	27500
11.200	V	Hot Week	27500
11.200	V	Made In Italy	27500
11.200	V	MagicTV	27500
11.200	V	MOTORI TV	27500
11.200	V	ODEON SAT	27500
11.200	V	PEOPLE TV-RETE7	27500
11.200	V	PLAY TV ITALIA	27500
11.200	V	ROMA SAT	27500
11.200	V	Sat8	27500
11.200	V	Sat9	27500
11.200	V	STARSAT	27500
11.200	V	Telenord	27500
11.200	V	TLC SAT	27500
11.200	V	Trentino TV	27500

HDTV-Sat-Receiver UFS 910

Endlich mal was Scharfes sehen!



Der neue **HDTV-Sat-Receiver UFS 910** kann sowohl hochauflösendes **(HDTV= High Definition Television)** als auch herkömmliches Fernsehen empfangen.

Das eingebaute Common Interface bietet Platz für die Aufnahme von zwei CA-Modulen für Pay-TV-Programme. Über das 16-stellige alphanumerische Display zeigt der Kathrein-Receiver den Programm-Namen des aktuell empfangenen Programmes an.

Weitere Austattungsmerkmale:

- HDMI-Ausgang für den Anschluss an ein HDTV-fähiges TV-Gerät
- YPbPr-Ausgang
- Optischer Audio-Ausgang für Dolby Digital-Datenstrom (AC 3)
- Kathrein-Komfort-EPG mit Timer-Programmierung

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http://www.kathrein.de

KATHREIN
Antennen · Electronic

The Full Chart with the most up-to-date channel data is available exclusively for TELE-satellite readers from SatcoDX's CD "World of Satellites"
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Freq GHz	Pol	Channel Name	Symbol rate
11.200	V	AfgSalamWatandar	27500
11.200	V	McDonalds	27500
11.200	V	R.DI per Di	27500
11.200	V	R.ONDA D'URTO	27500
11.200	V	Radio Billa	27500
11.200	V	Radio Expert	27500
11.200	V	Radio Intesa	27500
11.200	V	Radio Metro	27500
11.200	V	Radio Standa	27500
11.200	V	RADIO ZAINET	27500
11.200	V	NIS_Intesa1	27500
11.240	V	KP	27500
11.240	V	M	27500
11.240	V	S	27500
11.240	V	ESP Bulgarian	27500
11.240	V	ESP Cyprus	27500
11.240	V	ESP Czech	27500
11.240	V	ESP Dutch	27500
11.240	V	ESP Greek	27500
11.240	V	ESP Hungarian	27500
11.240	V	ESP Int'l	27500
11.240	V	ESP Polish	27500
11.240	V	ESP Portuguese	27500
11.240	V	ESP Romanian	27500
11.240	V	ESP Russian	27500
11.240	V	ESP Serbia	27500
11.240	V	ESP Turk	27500
11.240	V	ESP2 German	27500
11.240	V	ESP2 Greek	27500
11.240	V	ESP2 Int'l	27500
11.240	V	ESP2 Romanian	27500
11.240	V	ESP2 Rus	27500
11.240	V	ESP2 Serbia	27500
11.240	V	ESP2 Turk	27500
11.240	V	EUSP2 PL	27500
11.240	V	H1	27500
11.240	V	H2	27500
11.240	V	H3	27500
11.240	V	France 24 (en Franca	27500
11.240	V	France 24 (en Englis	27500
11.240	V	Prod ESP	27500
11.240	V	Prod ESP2	27500
11.240	V	SSU	27500
11.334	H	INXTC TV	27500
11.334	H	'Arab-Girls.TV	27500
11.334	H	ALO TV	27500
11.334	H	ArabSexClub	27500
11.334	H	eurotic TV	27500
11.334	H	eurotic TV 2	27500
11.334	H	Fatayat J'armanat	27500
11.334	H	Sexy-Arab.TV	27500
11.334	H	Supreme Master TV	27500
11.334	H	Tazarees TV	27500
11.334	H	Acentic	27500
11.334	H	EUMETCAST	27500
11.334	H	GlobalK-Sat	27500
11.334	H	Tenfore	27500
11.393	V	FILMBOX	27500
11.393	V	FILMBOX EXTRA	27500
11.393	V	TVN	27500
11.393	V	TVN 24	27500
11.393	V	TVN CNBC Biznes	27500
11.393	V	TVN METEO	27500
11.393	V	TVN Siedem	27500
11.393	V	TVN Style	27500
11.393	V	TVN TURBO	27500
11.393	V	Mango 24	27500
11.393	V	TVN Gra	27500
11.393	V	test_radio	27500
11.470	V	THARISANAM	27500
11.470	V	Andishah	27500
11.470	V	Ariana	27500
11.470	V	BET NAHRAIN	27500
11.470	V	Channel 6	27500
11.470	V	ICC TV	27500
11.470	V	IRAN	27500
11.470	V	IRAN MNTV	27500
11.470	V	JAAM E JAM	27500
11.470	V	Mkhz Sat	27500
11.470	V	MOHABAT TV	27500
11.470	V	OMID E IRAN	27500
11.470	V	OU	27500
11.470	V	PEN TV	27500
11.470	V	PROPHETIC	27500
11.470	V	RIKSAT	27500
11.470	V	SALAAM TV	27500
11.470	V	TAPESH	27500
11.470	V	Tasvir Iran	27500
11.470	V	CYFRA+ GRY	27500
11.470	V	CYFRA+ GRY2	27500
11.470	V	INFO+	27500
11.470	V	Music Ch. Dance	27500
11.470	V	Music Choice 5	27500
11.470	V	Bahai Radio	27500
11.470	V	Makedonsko Radio	27500
11.470	V	Music Ch. Oldies	27500
11.470	V	Music Ch. Rock	27500
11.470	V	Music Ch. Swiat	27500
11.470	V	Music Ch. Urban	27500
11.470	V	Music Choice 1	27500
11.470	V	Music Choice 2	27500
11.470	V	Music Choice 3	27500
11.470	V	Music Choice 4	27500
11.470	V	Music Choice 6	27500
11.470	V	Music Choice 7	27500
11.470	V	Music Choice Pop	27500
11.470	V	MusicC. Klasyka	27500
11.470	V	Radio Mojdeh	27500
11.470	V	TOP 3 radio belgrad	27500
11.523	V	test	5000
11.534	V	Canal+ Cinéma	27500
11.534	V	Canal+ Hi-Tech	27500
11.534	V	Eurosport 2	27500
11.534	V	France 2	27500
11.534	V	France 3	27500
11.534	V	ITELE	27500
11.534	V	OL TV	27500
11.534	V	Canal+	27500
11.534	V	Canal+ Décalé	27500
11.534	V	Canal+ Sport	27500
11.534	V	0208010a0F	27500
11.534	V	0208041a0F	27500
11.534	V	Debits de jetons	27500
11.938	H	ALFA	27500
11.938	H	Chasse & Peche	27500
11.938	H	E! Entertainment	27500
11.938	H	FILMNET3	27500
11.938	H	FILMNET3 Cy	27500
11.938	H	LTV	27500
11.938	H	Motors TV	27500
11.938	H	Playboy TV	27500
11.938	H	Playboy TV Cy	27500
11.938	H	Private Spice	27500
11.938	H	Private Spice Cy	27500
11.938	H	SuperSport4	27500
11.938	H	SuperSport4 Cy	27500
11.938	H	SuperSport5	27500
11.938	H	SuperSport6	27500
11.938	H	SuperSport Cy	27500
11.938	H	The History Channel	27500
11.938	H	Nova Promo	27500
11.938	H	Mad Radio	27500
11.938	H	GAMES	27500
11.996	V	SKY Cinema HD	27500
11.996	V	SKY Sport HD 2	27500
11.996	V	NationalGeo HD	27500
11.996	V	Next HD	27500
11.996	V	SKY Sport HD 1	27500
11.996	V	EPG Data	27500
12.264	V	HBO HD test	27500
12.264	V	Polsat Sport HD test	27500
12.264	V	HBO	27500
12.264	V	HBO 2	27500
12.264	V	HBO Comedy	27500
12.380	V	EQUIDIA PRO	27500
12.380	V	Abu Dhabi	27500
12.380	V	ALBAGHDADIA	27500
12.380	V	Living God	27500
12.380	V	RTV Montenegro	27500
12.380	V	SAT 7	27500
12.380	V	Saudi arabia TV2	27500
12.380	V	Syria Satellite Chan	27500
12.380	V	TELEPACE	27500
12.380	V	Yemen TV	27500
12.380	V	ZAHRAA TV	27500
12.380	V	Aden Radio	27500
12.380	V	Emirates FM	27500
12.380	V	Main General Program	27500
12.380	V	Radio MARIA	27500
12.380	V	Radio Montenegro	27500
12.380	V	RADIO SAN	27500
12.380	V	RFI Français	27500
12.380	V	Sana'a radio	27500
12.380	V	Voice Of People	27500
12.380	V	Voice of Youth	27500
12.380	V	POLYCOM	27500
12.480	V	Deejay TV	27500
12.480	V	MTV Brand New	27500
12.480	V	MTV Gold	27500
12.480	V	MTV Hits	27500
12.480	V	MTV Pulse	27500
12.480	V	Music on SKY	27500
12.480	V	SKY Assist	27500
12.480	V	VH1	27500
12.480	V	50 songs	27500
12.480	V	B-Side	27500
12.480	V	Baby Mix	27500
12.480	V	Capital '70	27500
12.480	V	Disc Joker	27500
12.480	V	Extrabeat	27500
12.480	V	Heart n' song	27500
12.480	V	Hit Italia	27500
12.480	V	ItalianVintage	27500
12.480	V	Jazz & Fusion	27500
12.480	V	Jazz Gold	27500
12.480	V	Livetime	27500
12.480	V	New Rock	27500
12.480	V	Onda Latina	27500
12.480	V	Opera	27500
12.480	V	Out Of Mind	27500
12.480	V	Rock Classic	27500
12.480	V	Rock Shock	27500
12.480	V	Sinfonia	27500
12.480	V	Soul Train	27500
12.480	V	Soulsista	27500
12.480	V	Stardust	27500
12.480	V	Vintage '60	27500
12.480	V	Yesterjay '80	27500
12.480	V	Yesterjay '90	27500
12.480	V	EPG Data	27500

Europe

EUTELSAT W2 16.0 East

EUTW2KW

Freq GHz	Pol	Channel Name	Symbol rate
10.972	V	B92 Info	27500
10.972	V	BBC Prime	27500
10.972	V	FreeX TV	27500
10.972	V	FreeX TV 2	27500
10.972	V	Hallmark	27500
10.972	V	Kanal D	27500
10.972	V	Kopernikus	27500
10.972	V	Most	27500
10.972	V	MTV Adria	27500
10.972	V	TV1000	27500
10.972	V	Viasat History	27500
10.972	V	X-Dream TV	27500
10.972	V	Viasat Explorer	27500
10.972	V	SW Download	27500
11.011	V	AXN	27500
11.011	V	Cinemax	27500
11.011	V	Diema	27500
11.011	V	Diema Family	27500
11.011	V	Diema 2	27500
11.011	V	Discovery	27500
11.011	V	Eurosport	27500
11.011	V	Hallmark	27500
11.011	V	HBO	27500
11.011	V	HustlerTV	27500
11.011	V	N Geographic	27500
11.011	V	TV2	27500
11.011	V	TV7	27500
11.011	V	Bulgaria TV	27500
11.011	V	BNR Horizont	27500
11.011	V	Radio Test	27500
11.011	V	SUTON Radio	27500
11.045	H	National TV	10555
11.045	H	Favorit TV	10555
11.045	H	National 24	10555
11.045	H	Favorit FM	10555
11.045	H	National FM	10555
11.055	V	Bang Bang	27900
11.055	V	Cufo Tv	27900
11.055	V	Digi+	27900
11.055	V	Digifilm	27900
11.055	V	Digifilm Autor	27900
11.055	V	Digifilm Premiere	27900
11.055	V	Explorer 1	27900
11.055	V	Explorer 2	27900
11.055	V	Explorer 3	27900
11.055	V	Junior Tv	27900
11.055	V	My-Music	27900
11.055	V	Top Channel	27900
11.055	V	Top News	27900
11.055	V	My Music Radio	27900
11.055	V	Top Albania Radio	27900
11.055	V	Globaltel	27900
11.055	V	Opentech	27900
11.062	H	Nat Geo Ger W2	5722
11.062	H	Nat Geo Music	5722
11.062	H	Ecoradio	5722
11.062	H	Radio 6	5722
11.062	H	Radio Citta Futura	5722
11.062	H	Rete Sport	5722
11.078	H	Nat Geo Music	5208
11.078	H	Ecoradio	5208
11.078	H	Radio 6	5208
11.078	H	Radio Citta Futura	5208
11.078	H	Rete Sport	5208
11.078	H	TMF Radio MCPC	5208
11.094	V	DigitAlb HD-1	27900
11.094	V	DigitAlb HD-2	27900
11.094	V	4-X	27900
11.094	V	Channel A	27900
11.094	V	Digifilm 6	27900
11.094	V	Digifilm 7	27900
11.094	V	Digifilm 8	27900
11.094	V	XX	27900
11.094	V	XXX	27900
11.132	V	Antena 1	14815
11.132	V	Antena 2	14815
11.132	V	Antena 3	14815
11.132	V	Antena International	14815
11.132	V	Euforia Lifestyle	14815
11.132	V	Radio Newz fm	14815
11.132	V	Romantic Radio	14815
11.138	H	BBT	27700
11.138	H	BNT	27700
11.138	H	EK Bulgaria	27700
11.138	H	Evrokom NCTV	27700
11.138	H	FOX Crime	27700
11.138	H	Fox Crime BG	27700
11.138	H	Fox Life	27700
11.138	H	FOX Life Regional	27700
11.138	H	Kanal 1	27700
11.138	H	Kanal 1- PP	27700
11.138	H	Ring TV	27700
11.138	H	Technisat	27700
11.138	H	Balkanika	27700
11.138	H	EvropaTV	27700
11.138	H	FANTV	27700
11.138	H	IkonomikaTV - EBF	27700
11.138	H	AUREA Radio	27700
11.138	H	Darik Radio	27700
11.138	H	ESP BG	27700
11.138	H	JAZZ FM	27700
11.138	H	OK RADIO BELGRADE	27700
11.138	H	Radio NOVA	27700
11.138	H	Radio SIBIR	27700
11.138	H	Radio Veronika	27700
11.138	H	Radio ZA Sevdah	27700
11.138	H	Retro Radio	27700
11.138	H	Z-ROCK	27700
11.138	H	Interactive	27700
11.138	H	IT-Test	27700
11.138	H	Opentech	27700
11.138	H	PHILIPS DOWNLOAD	27700
11.138	H	Service	27700
11.138	H	Strong	27700
11.138	H	Subtitles	27700
11.138	H	TV Programs	27700
11.148	V	7dmi	8900
11.148	V	DKTE/S7 Test	8900
11.148	V	Eurofootball	8900
11.148	V	VIASAT	8900
11.166	H	GOD Europe	11850
11.166	H	Food School	11850
11.166	H	Karaoke Channel	11850
11.166	H	GOD Channel	11850
11.166	H	GOD Europe	11850
11.166	H	God's Learning	11850
11.166	H	Telemedia 11	11850
11.166	H	Amistad Radio	11850
11.166	H	MB MITIC BILJANA	11850
11.166	H	Pinki Radio	11850
11.166	H	Radio Biser	11850
11.166	H	RADIO HAY	11850
11.178	V	Pink	27500
11.178	V	Pink Action	27500
11.178	V	Pink BH	27500
11.178	V	Pink Extra	27500
11.178	V	Pink Film	27500
11.178	V	Pink Kids	27500
11.178	V	Pink M	27500
11.178	V	Pink Movies	27500
11.178	V	Pink Music	27500
11.178	V	Pink Plus	27500
11.178	V	U2 TV	27500
11.178	V	BG-BL	27500
11.178	V	BG-PG	27500
11.178	V	BG-SA	27500
11.178	V	RADIO INDEX	27500
11.178	V	Radio Pink	27500
11.304	V	Animal Planet	30000
11.304	V	BTV 1	30000
11.304	V	BTV 2	30000
11.304	V	BTV 5 (RBS)	30000
11.304	V	GTV	30000
11.304	V	Jetix / Hip Hop TV	30000
11.304	V	Planeta	30000
11.304	V	Premium Digital	30000
11.304	V	TSP Service 311	30000
11.304	V	FolklorTV	30000
11.304	V	Kanal 3	30000
11.304	V	SC Folk	30000
11.304	V	Zdrave	30000
11.325	H	ANIMAX	27500
11.325	H	ANIMAX-eng	27500
11.325	H	ANIMAX-ger	27500
11.325	H	AXN-CE	27500
11.325	H	AXN-CE-bul	27500
11.325	H	AXN-CE-cze	27500
11.325	H	AXN-CE-eng	27500
11.325	H	AXN-CE-hun	27500
11.325	H	AXN-Crime	27500
11.325	H	AXN-Crime-bul	27500
11.325	H	AXN-Crime-cze	27500
11.325	H	AXN-Crime-eng	27500
11.325	H	AXN-Crime-hun	27500
11.325	H	AXN-Crime-pol	27500
11.325	H	AXN-Crime-rum	27500
11.325	H	AXN-Germany	27500
11.325	H	AXN-POL	27500
11.325	H	AXN-POL-eng	27500
11.325	H	AXN-POL-pol	27500
11.325	H	AXN-ROM	27500
11.325	H	AXN-ROM-cze	27500
11.325	H	AXN-ROM-eng	27500
11.325	H	AXN-ROM-hun	27500
11.325	H	AXN-ROM-rum	27500
11.325	H	AXN-SciFi	27500
11.325	H	AXN-SciFi-bul	27500
11.325	H	AXN-SciFi-cze	27500
11.325	H	AXN-SciFi-hun	27500
11.325	H	AXN-SciFi-pol	27500
11.325	H	AXN-SciFi-rum	27500
11.325	H	SET AFRICA	27500
11.325	H	VIASAT	27500
11.428	V	ATV	30000
11.428	V	Avala	30000
11.428	V	FOX	30000
11.428	V	FTV	30000
11.428	V	HBO Comedy	30000
11.428	V	Metropolis	30000
11.428	V	MTS	30000
11.428	V	OBN	30000
11.428	V	Palma Plus	30000
11.428	V	Panonija	30000

Freq GHz	Pol	Channel Name	Symbol rate
11.428	V	RTRS	30000
11.428	V	Sport Klub+	30000
11.428	V	Travel	30000
11.428	V	Spectrum	30000
11.449	H	Big Brother 1	27500
11.449	H	Big Brother 2	27500
11.449	H	Folk Tv	27500
11.449	H	Klan Tv	27500
11.449	H	Koha Tv	27500
11.449	H	KTV	27500
11.449	H	News 24	27500
11.449	H	Premium 1	27500
11.449	H	Premium 2	27500
11.449	H	Premium 3	27500
11.449	H	Premium 4	27500
11.449	H	Premium 5	27500
11.449	H	RTV 21	27500
11.449	H	TVSH Tokesor	27500
11.449	H	Vizion+	27500
11.449	H	Coship STB	27500
11.449	H	Opentech STB	27500
11.471	V	TVR1	29950
11.471	V	TVR1 PowerVu	29950
11.471	V	TVR2	29950
11.471	V	TVR2 PowerVu	29950
11.471	V	TVR Cluj	29950
11.471	V	TVR Craiova	29950
11.471	V	TVR Cultural	29950
11.471	V	TVR Iasi	29950
11.471	V	TVR Timisoara	29950
11.471	V	TVRi	29950
11.471	V	Romania in Direct	29950
11.471	V	Romania Internationa	29950
11.513	V	CNNi	29950
11.513	V	DDTV	29950
11.513	V	Disc.Civilization	29950
11.513	V	Disc.Science	29950
11.513	V	Disc.Travel	29950
11.513	V	Extreme Sports	29950
11.513	V	Good Life	29950
11.513	V	Reality Tv	29950
11.513	V	Trinitas	29950
11.513	V	Tv 1000	29950
11.513	V	VH 1	29950
11.513	V	Viasat Explorer	29950
11.513	V	Viasat History	29950
11.513	V	AlfaOmega	29950
11.513	V	Ch.3	29950
11.513	V	Credo Tv	29950
11.513	V	iTTv	29950
11.513	V	Pro Tv Intl	29950
11.513	V	Minisat	29950
11.513	V	RFI	29950
11.513	V	Vocea Evangheliei	29950
11.534	H	13EME RUE	30000
11.534	H	ACTION	30000
11.534	H	CANAL J	30000
11.534	H	Cartoon Network	30000
11.534	H	CINEMA FAMIZ	30000
11.534	H	DISNEY CHANNEL	30000
11.534	H	ITELE	30000
11.534	H	L'EQUIPE TV	30000
11.534	H	MCM	30000
11.534	H	PARIS PREMIERE	30000
11.534	H	PLANETE	30000
11.534	H	TCM	30000
11.534	H	TELE REUNION	30000
11.534	H	TEMPO/FRANCE Ô	30000
11.534	H	TMC	30000
11.534	H	TRACE	30000
11.534	H	TV5	30000
11.534	H	VOYAGE	30000
11.554	V	B92	30000
11.554	V	Cinemania	30000
11.554	V	DoQ	30000
11.554	V	Enter	30000
11.554	V	Film+	30000
11.554	V	Happy/Kosava	30000
11.554	V	HBO Adria	30000
11.554	V	RTS1	30000
11.554	V	RTS2	30000
11.554	V	SOS	30000
11.554	V	Sport Klub	30000
11.554	V	Studio B	30000
11.554	V	Super TV	30000
11.554	V	Ultra TV	30000
11.554	V	Radio B92	30000
11.575	V	+DE SPORT	30000
11.575	H	ANTENNE REUNION	30000
11.575	H	BBC WORLD	30000
11.575	H	CANAL EVENEMENT	30000
11.575	H	CANAL+ FAMILY	30000
11.575	H	CUISINE.TV	30000
11.575	H	DISNEY CINEMAGIC	30000
11.575	H	EURONEWS	30000
11.575	H	EXTREME SPORTS	30000
11.575	H	GAME ONE	30000
11.575	H	LCP	30000
11.575	H	MCM POP	30000
11.575	H	MOTORS TV	30000
11.575	H	MTV	30000
11.575	H	NATIONAL GEO	30000
11.575	H	PLANETE JNR/THAL	30000
11.575	H	PLANETE NO LIMIT	30000
11.575	H	PRIVATE SPICE	30000
11.575	H	SEASONS	30000
11.575	H	SPORT+/NBA TV	30000
11.575	H	TEST	30000
11.575	H	TEVA	30000
11.575	H	USHUAIA TV	30000
11.575	H	XXL	30000
11.575	H	ZEE CINEMA	30000
11.575	H	ZEE TV	30000
11.575	H	(Empty)	30000
11.575	V	CANAL+ HD	30000
11.575	V	TF1 HD	30000
11.596	V	+DE SPORT	30000
11.596	H	AB moteurs	30000
11.596	H	CNN I	30000
11.596	H	Comedie	30000
11.596	H	Equidia	30000
11.596	H	Escales	30000
11.596	H	Eurosport	30000
11.596	H	Eurosport 2	30000
11.596	H	EXTREME SPORTS	30000
11.596	H	Fun TV	30000
11.596	H	G SPORT ONE	30000
11.596	H	Infosport	30000
11.596	H	Jetix	30000
11.596	H	LCI	30000
11.596	H	M6 Music Black	30000
11.596	H	M6 Music Hits	30000
11.596	H	NATIONAL GEO	30000
11.596	H	Odyssee	30000
11.596	H	PLANETE JNR/THAL	30000
11.596	H	PRIVATE SPICE	30000
11.596	H	Teletoon	30000
11.596	H	TF1	30000
11.596	H	TPS FOOT	30000
11.596	H	TPS Star	30000
11.596	V	USHUAIA TV	30000
11.596	H	W9	30000
11.596	V	ZEE CINEMA	30000
11.596	V	ZEE TV	30000
11.596	H	Europe 1	30000
11.596	H	Free DOM	30000
11.596	H	Nostalgie	30000
11.596	H	Radio Classique	30000
11.596	H	Radio Plus	30000
11.596	H	Radio Reunion	30000
11.596	H	Radio Tana	30000
11.596	H	RTA Gasy Radio	30000
11.596	H	RTL	30000
11.596	H	Sport O FM	30000
11.596	H	Top FM	30000
11.596	H	RCF	30000
11.596	H	01 04 01 03	30000
11.596	V	CANAL+ HD	30000
11.596	H	CCTV	30000
11.596	H	CS 1	30000
11.596	H	CS 100	30000
11.596	H	CS 101	30000
11.596	H	DORCEL TV	30000
11.596	H	Hotshow	30000
11.596	H	Jeu Bleex	30000
11.596	H	Kanal Austral	30000
11.596	H	LA BOUTIK	30000
11.596	H	Logo Ring Tone	30000
11.596	H	SUDOKU	30000
11.596	V	TF1 HD	30000
11.596	V	TV Breizh	30000
11.658	H	CANAL+	30000
11.658	H	CANAL+ CINEMA	30000
11.658	H	CANAL+ SPORT	30000
11.658	H	CHEZ VOUS TV	30000
11.658	H	CINEMA EMOTION	30000
11.658	H	CINEMA FRISSON	30000
11.658	H	CINEMA PREMIER	30000
11.658	H	EQUIDIA	30000
11.658	H	EUROSPORT	30000
11.658	H	LCI	30000
11.658	H	M6	30000
11.658	H	PLAYHOUSE DISNEY	30000
11.658	H	RTL9	30000
11.658	H	TF1	30000
11.658	H	TF6	30000
11.658	H	ZEE MUZIC	30000
11.658	H	FRANCE VIVACE	30000
11.658	H	FREQUENCE JAZZ	30000
11.658	H	LE MOUV'	30000
11.658	H	RADIO REUNION	30000
11.658	H	RFM	30000
11.658	H	FRANCE INFO	30000
11.658	H	RFI	30000
11.682	H	Region 2B Ch5	14468
11.682	H	Region 3B Ch5	14468
11.682	H	Region 4B Ch5	14468
11.682	H	Region 5B Ch5	14468
12.513	V	MELOS TV	2156
12.520	V	Top Music	2156
12.530	V	BR R.Srpska	4340
12.557	V	SatTV	2156
12.568	H	SIC INTERNACIONAL	3702
12.642	V	Armenia TV Foregin	3418
12.642	V	Armenia TV Region	3418
12.642	V	Armenia TV	3418
12.648	V	BH-TV1	5200
12.648	V	BH-Radio1	5200
12.650	H	44-SNAI TV promo	15000
12.650	H	77-TEST RADIO	15000
12.650	H	CH 20 - U VERDE S	15000
12.650	H	CH 4 - SNAI TV	15000
12.650	H	CH 5 - SNAI SAT/U	15000
12.650	H	CH 6 - U GRIGIO S	15000
12.650	H	CH 7 - SPORTIVE S	15000
12.650	H	UNIRE 1 - GRIGIO	15000
12.650	H	UNIRE 2 - VERDE	15000
12.650	H	CH3 - TELEIPPICA	15000
12.650	H	CH99 - IP Test	15000
12.682	H	TV7	2892
12.682	H	R Tunisie Culture	2892
12.682	H	R Tunisie Jeunes	2892
12.682	H	R Tunisie Nationale	2892

Freq GHz	Pol	Channel Name	Symbol rate
12.703	H	TVM-I	2750
12.719	H	BRAVO TV	9000
12.719	H	CTC MOLDOVA	9000
12.719	H	EuTV Chisinau	9000
12.719	H	HIT-FM MOLDOVA	9000
12.719	H	Micul Samaritean	9000
12.728	V	Kanal A	26050
12.728	V	POP TV	26050
12.728	V	SportKlub Slovenija	26050
12.728	V	TV3 Slovenia	26050
12.728	V	ART Channel	26050
12.728	V	Duga TV	26050
12.728	V	Estate TV	26050
12.728	V	MMTV	26050
12.728	V	RRokum TV	26050
12.728	V	StaticTvServiceTest1	26050
12.728	V	Svet Plus	26050
12.728	V	TV Jasmin	26050
12.728	V	TV Pika	26050
12.728	V	ALFA RADIO SARAJE	26050
12.728	V	GRAND	26050
12.728	V	ISTOCNO Sarajevo	26050
12.728	V	KISS DONNA VLASKI	26050
12.728	V	KISS RADIO	26050
12.728	V	KISS ROM RADIO	26050
12.728	V	KITT Radio	26050
12.728	V	LJEPA NASA	26050
12.728	V	MB MITIC BILJANA	26050
12.728	V	MIKS RADIO	26050
12.728	V	Oldies Radio	26050
12.728	V	ORV Valentino BH	26050
12.728	V	Radio BEZLJA	26050
12.728	V	Radio BRCKO	26050
12.728	V	Radio Brod	26050
12.728	V	Radio DUKAT	26050
12.728	V	Radio Glas Drine	26050
12.728	V	Radio KOKTEL	26050
12.728	V	Radio Pink Int	26050
12.728	V	RADIO POSAVINA	26050
12.728	V	RADIO S BEOGRAD	26050
12.728	V	RADIO SARMER	26050
12.728	V	Radio SvetPLUS	26050
12.728	V	Radio Zurka Wien	26050
12.728	V	SRCE POSAVINE	26050
12.728	V	Test	26050
12.728	V	Top 3 radio	26050
12.728	V	Vikom RTV	26050
12.728	V	VIP Radio	26050
12.728	V	YU PLANET BEC	26050
12.733	V	Kanal A	26050
12.733	V	POP TV	26050
12.733	V	SportKlub Slovenija	26050
12.733	V	TV3 Slovenia	26050
12.733	V	ART Channel	26050
12.733	V	Duga TV	26050
12.733	V	Estate TV	26050
12.733	V	MMTV	26050
12.733	V	RRokum TV	26050
12.733	V	StaticTvServiceTest1	26050
12.733	V	Svet Plus	26050
12.733	V	TV Jasmin	26050
12.733	V	TV Pika	26050
12.733	V	ALFA RADIO SARAJE	26050
12.733	V	GRAND	26050
12.733	V	ISTOCNO Sarajevo	26050
12.733	V	KISS DONNA VLASKI	26050
12.733	V	KISS RADIO	26050
12.733	V	KISS ROM RADIO	26050
12.733	V	KITT Radio	26050
12.733	V	LJEPA NASA	26050
12.733	V	MB MITIC BILJANA	26050
12.733	V	MIKS RADIO	26050
12.733	V	Oldies Radio	26050
12.733	V	ORV Valentino BH	26050
12.733	V	Radio BEZLJA	26050
12.733	V	Radio BRCKO	26050
12.733	V	Radio Brod	26050
12.733	V	Radio DUKAT	26050
12.733	V	Radio Glas Drine	26050
12.733	V	Radio KOKTEL	26050
12.733	V	Radio Pink Int	26050
12.733	V	RADIO POSAVINA	26050
12.733	V	RADIO S BEOGRAD	26050
12.733	V	RADIO SARMER	26050
12.733	V	Radio SvetPLUS	26050
12.733	V	Radio Zurka Wien	26050
12.733	V	SRCE POSAVINE	26050
12.733	V	Test	26050
12.733	V	Top 3 radio	26050
12.733	V	Vikom RTV	26050
12.733	V	VIP Radio	26050
12.733	V	YU PLANET BEC	26050

East Africa

EUTELSAT W2 16.1 East

EUTW2RE

Freq GHz	Pol	Channel Name	Symbol rate
11.486	H	Antenne Reunion	29950
11.486	H	BFM TV	29950
11.486	H	CC Canal J	29950
11.486	H	CC Classic	29950
11.486	H	CC Culte	29950
11.486	H	CC Emotions	29950
11.486	H	CC Famiz	29950
11.486	H	CC Frissons	29950
11.486	H	CC Premier	29950
11.486	H	CC Star	29950
11.486	H	Discovery	29950
11.486	H	M6	29950
11.486	H	MANGAS	29950
11.486	H	Planete Juniors	29950
11.486	H	REAL TIME	29950
11.486	H	RTL9	29950
11.486	H	Serie Club	29950
11.486	H	Sport Evenement	29950
11.486	H	Supersport 3	29950
11.486	H	TeleReunion	29950
11.486	H	Tempo	29950
11.486	H	Teva	29950
11.486	H	TF6	29950
11.486	H	Cherie FM	29950
11.486	H	EXO FM	29950
11.486	H	Festival	29950
11.486	H	KOI	29950
11.486	H	Kreol FM	29950
11.486	H	NRJ Reunion	29950
11.486	H	Radio One	29950
11.486	H	Chasse et Peche	29950
11.486	H	Horoscope	29950
11.486	H	Piwi	29950
11.534	H	13EME RUE	30000
11.534	H	ACTION	30000
11.534	H	CANAL J	30000
11.534	H	Cartoon Network	30000
11.534	H	CINEMA FAMIZ	30000
11.534	H	DISNEY CHANNEL	30000
11.534	H	ITELE	30000
11.534	H	L'EQUIPE TV	30000
11.534	H	MCM	30000
11.534	H	PARIS PREMIERE	30000
11.534	H	PLANETE	30000
11.534	H	TCM	30000
11.534	H	TELE REUNION	30000
11.534	H	TEMPO/FRANCE Ô	30000
11.534	H	TMC	30000
11.534	H	TRACE	30000
11.534	H	TV5	30000
11.534	H	VOYAGE	30000
11.575	V	+DE SPORT	30000
11.575	H	ANTENNE REUNION	30000
11.575	H	BBC WORLD	30000
11.575	H	CANAL EVENEMENT	30000
11.575	H	CANAL+ FAMILY	30000
11.575	H	CUISINE.TV	30000
11.575	H	DISNEY CINEMAGIC	30000
11.575	H	EURONEWS	30000
11.575	H	EXTREME SPORTS	30000
11.575	H	GAME ONE	30000
11.575	H	LCP	30000
11.575	H	MCM POP	30000
11.575	H	MOTORS TV	30000
11.575	H	MTV	30000
11.575	H	NATIONAL GEO	30000
11.575	H	PLANETE JNR/THAL	30000
11.575	H	PLANETE NO LIMIT	30000
11.575	H	PRIVATE SPICE	30000
11.575	H	SEASONS	30000
11.575	H	SPORT+/NBA TV	30000
11.575	H	TEST	30000
11.575	H	TEVA	30000
11.575	H	USHUAIA TV	30000
11.575	H	XXL	30000
11.575	H	ZEE CINEMA	30000
11.575	H	ZEE TV	30000
11.575	H	(Empty)	30000
11.575	V	CANAL+ HD	30000
11.575	V	TF1 HD	30000
11.596	V	+DE SPORT	30000
11.596	H	AB moteurs	30000
11.596	H	CNN I	30000
11.596	H	Comedie	30000
11.596	H	Equidia	30000
11.596	H	Escales	30000
11.596	H	Eurosport	30000
11.596	H	Eurosport 2	30000
11.596	H	EXTREME SPORTS	30000
11.596	H	Fun TV	30000
11.596	H	G SPORT ONE	30000
11.596	H	GAME ONE	30000
11.596	H	Hotshow	30000
11.596	H	Infosport	30000
11.596	H	LCI	30000
11.596	H	LCP	30000
11.596	H	M6 Music Black	30000
11.596	H	M6 Music Hits	30000
11.596	H	MCM POP	30000
11.596	H	MOTORS TV	30000
11.596	H	MTV	30000
11.596	H	NATIONAL GEO	30000
11.596	H	Odyssee	30000
11.596	H	PLANETE JNR/THAL	30000

Freq GHz	Pol	Channel Name	Symbol rate
11.596	H	PLANETE NO LIMIT	30000
11.596	H	PRIVATE SPICE	30000
11.596	H	SEASONS	30000
11.596	H	SPORT+/NBA TV	30000
11.596	H	TEST	30000
11.596	H	TEVA	30000
11.596	H	TF1	30000
11.596	H	TPS FOOT	30000
11.596	H	TPS Star	30000
11.596	H	Teletoon	30000
11.596	V	USHUAIA TV	30000
11.596	H	W9	30000
11.596	H	XXL	30000
11.596	H	ZEE CINEMA	30000
11.596	H	ZEE TV	30000
11.596	H	(Empty)	30000
11.596	H	Europe 1	30000
11.596	H	Free DOM	30000
11.596	H	Nostalgie	30000
11.596	H	Radio Classique	30000
11.596	H	Radio Plus	30000
11.596	H	Radio Reunion	30000
11.596	H	Radio Tana	30000
11.596	H	RTA Gasy Radio	30000
11.596	H	RTL	30000
11.596	H	Sport O FM	30000
11.596	H	Top FM	30000
11.596	H	RCF	30000
11.596	H	01 04 01 03	30000
11.596	V	CANAL+ HD	30000
11.596	H	CCTV	30000
11.596	H	CS 1	30000
11.596	H	CS 100	30000
11.596	H	CS 101	30000
11.596	H	Escales	30000
11.596	H	Jetix	30000
11.596	H	Jeu Bleex	30000
11.596	H	Kanal Austral	30000
11.596	H	LA BOUTIK	30000
11.596	H	Logo Ring Tone	30000
11.596	H	SUDOKU	30000
11.596	V	TF1 HD	30000
11.596	V	Teletoon	30000
11.658	H	CANAL+	30000
11.658	H	CANAL+ CINEMA	30000
11.658	H	CANAL+ SPORT	30000
11.658	H	CHEZ VOUS TV	30000
11.658	H	CINEMA EMOTION	30000
11.658	H	CINEMA FRISSON	30000
11.658	H	CINEMA PREMIER	30000
11.658	H	EQUIDIA	30000
11.658	H	EUROSPORT	30000
11.658	H	LCI	30000
11.658	H	M6	30000
11.658	H	PLAYHOUSE DISNEY	30000
11.658	H	RTL9	30000
11.658	H	TF1	30000
11.658	H	TF6	30000
11.658	H	ZEE MUZIC	30000
11.658	H	FRANCE VIVACE	30000
11.658	H	FREQUENCE JAZZ	30000
11.658	H	LE MOUV'	30000
11.658	H	RADIO REUNION	30000
11.658	H	RFM	30000
11.658	H	FRANCE INFO	30000
11.658	H	RFI	30000

ASTRA 1F,1G,1H,1KR,1L

19.2 East

ASTR1CH2

Freq GHz	Pol	Channel Name	Symbol rate
11.112	H	MDR Sputnik	
11.421	H	test	

ASTR1CV1

Freq GHz	Pol	Channel Name	Symbol rate
11.377	V	DMAX	

ASTR1CV2

Freq GHz	Pol	Channel Name	Symbol rate
11.259	V	Eurosport	

ASTR1EH1

Freq GHz	Pol	Channel Name	Symbol rate
11.009	V	Phoenix	
11.009	V	2 Klassik	
11.009	V	Bremen 4	
11.009	V	Vera	
11.009	V	WDR Funkhaus Europa	
11.053	H	WDR	
11.053	H	EinsLive	
11.053	H	WDR 2	
11.053	H	WDR 3	
11.053	H	WDR 4	
11.053	H	WDR 5	
11.053	H	EinsLive	
11.053	H	WDR 2	

ASTR1EH2

Freq GHz	Pol	Channel Name	Symbol rate
11.464	H	sonnenklar.tv	
11.494	H	Das Erste	
11.494	H	ARD-Sternpunkt 1 (Su	
11.494	H	ARD-Sternpunkt 2 (Su	
11.494	H	Bremen 1	
11.494	H	DeutschlandRadio Kul	
11.494	H	DLF	
11.523	H	Nordwest	
11.553	H	DSF - Deutsches Sp	
11.553	H	Tele 5	
11.582	H	NDR	
11.582	H	N-Joy	
11.582	H	NDR 2	
11.582	H	NDR Info	
11.582	H	NDR Info Spezial (su	
11.582	H	NDR Info Spezial (su	
11.582	H	NDR Kultur	
11.582	H	NDR 2	
11.582	H	NDR Info	
11.612	H	MTV Central (Germany	
11.641	H	N-TV	
11.641	H	EuroSpar Music	

ASTR1EV1

Freq GHz	Pol	Channel Name	Symbol rate
10.936	V	9 Live	
10.936	V	Sky Radio	
11.127	V	Viva	
11.127	V	Deejay	
11.656	V	RBB Brandenburg	
11.656	V	Antenne Brandenburg	
11.656	V	Fritz	
11.656	V	RBB 88acht	
11.656	V	RBB info	
11.656	V	RBB Kultur	

Freq GHz	Pol	Channel Name	Symbol rate
11.656	V	RBB Multikulti	
11.656	V	RBB Radio 1	

ASTR1FH1

Freq GHz	Pol	Channel Name	Symbol rate
11.214	H	RTL 2	
11.214	H	Jam FM	
11.244	H	RTL Shop	
11.273	H	Vox	
11.273	H	Klassik Radio	
11.273	H	RTL Radio	
11.303	H	Comedy Central	
11.391	H	Super RTL	
11.391	H	RTL Radio	
11.391	H	RTL Radio (NRW)	
11.421	H	NICK	
11.435	V	TCM MODERNO	22000
11.435	V	TELEFE INT	22000
11.435	V	PORTADA	22000
11.435	V	CANAL+ HD	22000
11.435	V	(Empty)	22000
11.720	H	PREMIERE FILMCLAS	27500
11.720	H	PREMIERE FILMFEST	27500
11.720	H	PREMIERE NOSTALGI	27500
11.720	H	PREMIERE SPORT PO	27500
11.720	H	CPT_TP65	27500
11.797	H	PREMIERE 1	27500
11.797	H	PREMIERE 2	27500
11.797	H	PREMIERE 3	27500
11.797	H	PREMIERE 4	27500
11.797	H	PREMIERE KRIMI	27500
11.797	H	PREMIERE SERIE	27500
11.797	H	CPT_TP69	27500
12.031	H	BIG BROTHER	27500
12.031	H	13 TH STREET	27500
12.031	H	EROTIK - AB 18!	27500
12.031	H	MGM	27500
12.031	H	SCI FI	27500
12.031	H	PREMIERE DIREKT	27500
12.031	H	CPT_TP81	27500
12.031	H	NDS Application	27500
12.031	H	Philips DS2221 FP	27500
12.031	H	Thomson CAB IPDL	27500
12.031	H	Videotext	27500

ASTR1FH2

Freq GHz	Pol	Channel Name	Symbol rate
11.332	H	Kabel 1	
11.332	H	Antenne Bayern	
11.332	H	Rock Antenne	
11.332	H	Antenne Bayern	
11.758	V	Topfield	27500
11.758	V	MTV Base France	27500
11.758	V	MTV Dance	27500
11.758	V	MTV ESP	27500
11.758	V	MTV France	27500
11.758	V	MTV Hits	27500
11.758	V	MTV Hits.	27500
11.758	V	MTV TWO	27500
11.758	V	MTV TWO.	27500
11.758	V	Nick ESP	27500
11.758	V	NICKELODEON Franc	27500
11.758	V	VH1	27500
11.758	V	VH1 Classic	27500
11.758	V	VH1 Classic.	27500
11.758	V	VH1.	27500
11.758	V	Data_System_TR_66	27500

ASTR1FV1

Freq GHz	Pol	Channel Name	Symbol rate
12.246	V	Primetime	27500
12.246	V	4live	27500
12.246	V	Clubt.TV	27500
12.246	V	22Slive	27500
12.246	V	666 Girls.TV	27500
12.246	V	At Teleshop	27500
12.246	V	AbsolutSexy.TV	27500
12.246	V	ACHTUNG Erotik.TV	27500
12.246	V	ACHTUNG Singles.TV	27500
12.246	V	AllesfürsHandy	27500
12.246	V	Amore TV	27500
12.246	V	Blitzkontakt.TV	27500
12.246	V	DELUXE MUSIC	27500
12.246	V	DMAX	27500
12.246	V	DrDish Television	27500
12.246	V	EroticDome	27500
12.246	V	Erotik 24	27500
12.246	V	Franken SAT	27500
12.246	V	Gebrauchtwagen TV	27500
12.246	V	Gratis Hot TV	27500
12.246	V	Herzschlag69	27500
12.246	V	Hot Girls TV	27500
12.246	V	Liebesglück.TV	27500
12.246	V	Liebestraum.TV	27500
12.246	V	LokalSAT	27500
12.246	V	Lustkanal.TV	27500
12.246	V	mannerwelt.tv	27500
12.246	V	Mallorca.TV	27500
12.246	V	münchen.tv/RFO	27500
12.246	V	ONTV Regional	27500
12.246	V	Partnersuche.TV	27500
12.246	V	Po6	27500
12.246	V	ReiseSchnäppchen.TV	27500
12.246	V	Ringtone TV	27500
12.246	V	SAT Erotiktreff.TV	27500
12.246	V	SexyGirls.TV	27500
12.246	V	tele6.tv	27500
12.246	V	Top Girl Sex TV	27500
12.246	V	Traumkontakt.tv	27500
12.246	V	Urol tv	27500
12.246	V	Venusclub.TV	27500
12.246	V	XXXKanal.TV	27500
12.246	V	Zack Erotik TV	27500
12.246	V	DELUXE LOUNGE	27500
12.246	V	DELUXE RADIO	27500
12.246	V	TEDDY	27500
12.246	V	more TV 01	27500
12.246	V	more TV 02	27500
12.246	V	more TV 03	27500
12.246	V	more TV 04	27500
12.246	V	more TV 07	27500
12.246	V	moreTV	27500

ASTR1FV2

Freq GHz	Pol	Channel Name	Symbol rate
11.229	V	RTL	
11.288	V	Sat.1	
11.347	V	3sat	
11.347	V	Deutschlandfunk	
11.347	V	DeutschlandRadio Kul	
11.406	V	Pro 7	
11.406	V	Radio Horeb	
11.406	V	Sunshine Live	
11.441	V	ANIMAX (a/P)	27500
11.441	V	Biography Channel	27500
11.441	V	Bundesliga 1	27500
11.441	V	Bundesliga 2	27500
11.441	V	Bundesliga 3	27500
11.441	V	Bundesliga 4	27500
11.441	V	Bundesliga 7	27500
11.441	V	Bundesliga 8	27500
11.441	V	Bundesliga HOME	27500
11.441	V	Bundesliga INFO	27500
11.441	V	Cartoon Network (a/P	27500
11.441	V	Eurosport 2	27500
11.441	V	History Channel	27500
11.441	V	Kinowelt	27500
11.441	V	National Geographic	27500
11.441	V	RTL Living	27500

ASTR1GKU

Freq GHz	Pol	Channel Name	Symbol rate
11.739	V	GAME ONE	27500
11.739	V	MTV Base France	27500
11.739	V	MTV Dance	27500
11.739	V	MTV ESP	27500
11.739	V	MTV France	27500
11.739	V	MTV Hits	27500
11.739	V	MTV Hits.	27500
11.739	V	MTV TWO	27500
11.739	V	MTV TWO.	27500
11.739	V	Nick ESP	27500
11.739	V	NICKELODEON Franc	27500
11.739	V	VH1	27500
11.739	V	VH1 Classic	27500
11.739	V	VH1 Classic.	27500
11.739	V	VH1.	27500
11.739	V	Data_System_TR_66	27500
11.817	V	CINEMA EMOTION	27500
11.817	V	CINEMA FRISSON	27500
11.817	V	HISTOIRE	27500
11.817	V	ITELE	27500
11.817	V	JIMMY	27500
11.817	V	LA CHAINE METEO	27500
11.817	V	MEZZO	27500
11.817	V	MEZZO.	27500
11.817	V	PARIS PREMIERE	27500
11.817	V	SEASONS	27500
11.817	V	SPORT+	27500
11.817	V	EURONEWS	27500
11.817	V	DATA SYSTEM[70]	27500
11.856	V	CINEMA PREMIER	27500
11.856	V	CANAL+ CINEMA	27500
11.856	V	CANAL+ HI-TECH	27500
11.856	V	CANAL+ HI-TECH.	27500
11.856	V	DISNEY CHANNEL	27500
11.856	V	EQUIDIA	27500
11.856	V	SCI FI	27500
11.856	V	CANAL+	27500
11.856	V	CANAL+ DECALE	27500
11.856	V	CANAL+ SPORT	27500
11.856	V	PMU sur Canal+	27500
11.856	V	01 04 01 47	27500
11.856	V	01 04 01 47	27500
11.856	V	CDSA	27500
11.856	V	DATA SYSTEM[72]	27500
11.856	V	DOWNLOAD TNTSAT S	27500
11.876	H	sportdigital.tv	27500
11.876	H	AXN (a/P)	27500
11.876	H	BOOMERANG (a/P)	27500
11.876	H	DISNEY PLAYHOUSE	27500
11.876	H	DISNEY TOON (P)	27500
11.876	H	E.CLIPS (P)	27500
11.876	H	KINOWELT TV (P)	27500
11.876	H	Ietra (a/P)	27500
11.876	H	ROMANCE TV	27500
11.876	H	TCM (a/P)	27500
11.876	H	STAR XL LIVE	27500
11.895	V	CINEMA CULTE	27500
11.895	V	CHEZ VOUS TV	27500
11.895	V	MCM	27500
11.895	V	MCM POP	27500
11.895	V	MCM TOP	27500
11.895	V	TF1	27500
11.895	V	VIRGIN 17	27500
11.895	V	DATA SYSTEM74	27500
11.934	V	CANAL J	27500
11.934	V	CANAL+ FAMILY	27500
11.934	V	CUISINE TV	27500
11.934	V	EUROSPORT	27500
11.934	V	FILLES TV	27500
11.934	V	LCI	27500
11.934	V	PLANETE	27500
11.934	V	PLANETE JUNIORS	27500
11.934	V	TIJI	27500
11.934	V	TMC	27500
11.934	V	VOYAGE	27500
11.934	V	DATA SYSTEM76	27500
11.973	V	MTV ENTERTAINMENT	27500
11.973	V	MTV Euro	27500
11.973	V	MTV Idol	27500
11.973	V	MTV Music	27500
11.973	V	MTV NL	27500
11.973	V	MTV Pulse	27500
11.973	V	NICK PREMIUM (P)	27500
11.973	V	COMEDY CENTRAL Ge	27500
11.973	V	MTV Germany	27500
11.973	V	NICK Germany	27500
11.973	V	VIVA Germany	27500
11.973	V	DATA SYSTEM TR 78	27500
11.993	H	Cool	27500
11.993	H	Duna TV	27500
11.993	H	Echo TV	27500
11.993	H	Film+	27500
11.993	H	HBO	27500
11.993	H	HBO2	27500
11.993	H	m2	27500
11.993	H	Magyar ATV	27500
11.993	H	Minimax / Animax	27500
11.993	H	Sport 1	27500
11.993	H	Sport 2	27500
11.993	H	TV Paprika	27500
12.012	V	A LA CARTE 10	27500
12.012	V	A LA CARTE 11	27500
12.012	V	ESPN CLASSIC	27500
12.012	V	FRANCE 2	27500
12.012	V	FRANCE 3	27500
12.012	V	MOTORS TV	27500
12.012	V	TELE MELODY	27500
12.012	V	TRACE TV	27500
12.012	V	CINE+	27500
12.012	V	TELEREALITE	27500
12.012	V	A LA CARTE	27500
12.012	V	DATA SYSTEM80	27500
12.051	V	Animal Planet	27500
12.051	V	Discovery Ch	27500
12.051	V	Extreme Sports	27500
12.051	V	Galaxie Sport	27500
12.051	V	Hallmark	27500
12.051	V	HBO Comedy	27500
12.051	V	Hustler TV	27500
12.051	V	Jetix/Jetix Max	27500
12.051	V	JimJam	27500
12.051	V	Nat Geo	27500
12.051	V	ZoneReality	27500
12.051	V	Game 1	27500
12.051	V	Game 2	27500
12.051	V	Game 3	27500
12.051	V	Games Portal	27500
12.051	V	Guide	27500
12.051	V	HUMAX DOWNLOAD	27500
12.051	V	NAGRA DOWNLOAD	27500
12.051	V	PHILIPS DOWNLOAD	27500
12.051	V	PHILIPS DOWNLOAD	27500
12.051	V	UPC Direct Radio	27500
12.051	V	UPC_EPG	27500
12.383	H	CT1	27500
12.383	H	CT2	27500
12.383	H	CT4 Sport	27500
12.383	H	CT24	27500
12.383	H	DAO	27500
12.383	H	Eurosport 2	27500
12.383	H	Filmmuzeum	27500
12.383	H	NOVA Cinema	27500
12.383	H	Prima TV	27500
12.383	H	TV JOJ	27500
12.383	H	TV Markiza	27500
12.383	H	TV Nova	27500
12.383	H	XXX	27500
12.383	H	CT24	27500
12.515	H	Film1.1	27500
12.515	H	Film1.2	27500
12.515	H	NED1	27500
12.515	H	NED2	27500
12.515	H	NED3	27500
12.515	H	NGC	27500
12.515	H	Nickelodeon/Comedy C	27500
12.515	H	Sport1	27500
12.515	H	Tele2 2e kanaal	27500
12.515	H	Man-X	27500
12.515	H	Classic FM	27500
12.515	H	Q-Music	27500
12.515	H	FunX	27500
12.515	H	R538 Dance Departmen	27500
12.515	H	Fluister	27500
12.515	H	Downl Philips	27500
12.515	H	EPG	27500
12.522	V	CANAL HD TEST 3	22000
12.522	V	NATIONAL GEO HD	22000
12.522	V	CANAL+ HI-TECH HD	22000
12.522	V	FT HD	22000
12.552	V	Kanal Telemedial	22000
12.552	V	[tru:] young tv	22000
12.552	V	Astra Vision	22000
12.552	V	Bloomberg TV Germany	22000
12.552	V	Chamber TV	22000
12.552	V	eUrotic NEU	22000
12.552	V	Liberty TV FR	22000
12.552	V	LUXE.TV SD	22000
12.552	V	MeditSAT	22000
12.552	V	QVC Deutschland	22000
12.552	V	RTL Tele Letzebuerg	22000
12.552	V	ASTRA SDT	22000
12.552	V	PVR service	22000
12.574	H	BIB	22000
12.574	H	Film1.3	22000
12.574	H	Hallmark	22000
12.574	H	NETS	22000
12.574	H	SBS6	22000
12.574	H	Tele2 / Het Gesprek	22000
12.574	H	TMF	22000
12.574	H	Veronica/JETIX	22000
12.574	H	BVN	22000
12.574	H	NL-3FM	22000
12.574	H	NL-Radio 2	22000
12.574	H	NL-Radio 4	22000
12.574	H	C1	22000
12.574	H	Juize.FM	22000
12.574	H	KINK FM	22000
12.574	H	NL-Radio 1	22000
12.574	H	NL-Radio 5	22000
12.574	H	NL-Radio 6	22000
12.574	H	Radio Veronica	22000
12.574	H	Radio100Gold	22000
12.574	H	Radio538	22000
12.574	H	RNW1	22000
12.574	H	RNW2	22000
12.574	H	RNW3	22000

Freq GHz	Pol	Channel Name	Symbol rate
12.574	H	Sky Radio	22000
12.574	H	Downl	22000
12.581	V	M6 HD	22000
12.581	V	13EME RUE HD	22000
12.581	V	CINE PREMIER HD	22000
12.581	V	DATASYSTEM 110	22000
12.581	V	DATA SYSTEM[86]	22000
12.581	V	DISNEY MAGIC HD	22000
12.604	H	TechniTipp-TV	22000
12.604	H	WDR Aachen	22000
12.604	H	WDR Bonn	22000
12.604	H	WDR Duisburg	22000
12.604	H	WDR Wuppertal	22000
12.604	H	Euroklassik 1	22000
12.604	H	Jazz Time	22000
12.604	H	Kinderradio 1/ Konze	22000
12.604	H	Radio Swiss Classic	22000
12.604	H	Radio Swiss Jazz	22000
12.604	H	Radio Swiss Pop	22000
12.604	H	Radio Viola	22000
12.604	H	RADIOROPA-Hörbuch	22000
12.604	H	RADIOROPA-Hörbuch	22000
12.604	H	RADIOROPA-Hörbuch	22000
12.604	H	RADIOROPA-Hörbuch	22000
12.604	H	Star*Sat Country	22000
12.604	H	Star*Sat EASYTI	22000
12.604	H	Star*Sat Gold	22000
12.604	H	Star*Sat Hit-Express	22000
12.604	H	Star*Sat Klassik	22000
12.604	H	Star*Sat Melodie	22000
12.604	H	RADIOROPA-BERLIN	22000
12.604	H	AN PTU	22000
12.604	H	ASTON DOWNLOAD	22000
12.604	H	ASTRA SDT	22000
12.604	H	Datendienst T1M	22000
12.604	H	FP URMET	22000
12.604	H	GRUNDIG DVB	22000
12.604	H	HDS Europe	22000
12.604	H	HUMAX DOWNLOAD SV	22000
12.604	H	Iconera	22000
12.604	H	KaCTFL	22000
12.604	H	Kathrein Download	22000
12.604	H	MFTS Services	22000
12.604	H	MMS02C	22000
12.604	H	MMS1111A	22000
12.604	H	Opentech	22000
12.604	H	ProArzt	22000
12.604	H	Proxy GAC 1.111	22000
12.604	H	SGI_1111	22000
12.604	H	SKYMASTER1	22000
12.604	H	SKYMASTER2	22000
12.604	H	STB Adimo	22000
12.604	H	STB Arion	22000
12.604	H	STB Aston2	22000
12.604	H	STB Comag	22000
12.604	H	STB Comag1	22000
12.604	H	STB Echostar	22000
12.604	H	STB Globalteq	22000
12.604	H	STB Grob	22000
12.604	H	STB GSS	22000
12.604	H	STB Handan	22000
12.604	H	STB Homecast	22000
12.604	H	STB Hyundai	22000
12.604	H	STB Inverto	22000
12.604	H	STB Loewe	22000
12.604	H	STB Opentech	22000
12.604	H	STB Panasonic	22000
12.604	H	STB Pesi	22000
12.604	H	STB Philips	22000
12.604	H	STB Radix	22000
12.604	H	STB Radix 128kbps	22000
12.604	H	STB Sandmartin	22000
12.604	H	STB Setone	22000
12.604	H	STB Siemens	22000
12.604	H	STB Skardin	22000
12.604	H	STB SMEL	22000
12.604	H	STB SRADIX	22000
12.604	H	STB Strong	22000
12.604	H	STB Technisat	22000
12.604	H	STB Woon Ik	22000
12.604	H	STB2 Globalteq	22000
12.604	H	Topfield	22000
12.604	H	tvtv Digital	22000
12.604	H	tvtv DIGITAL	22000
12.604	H	tvtv premium	22000
12.604	H	tvtv RP	22000
12.640	V	BLOOMBERG TV	22000
12.640	V	CINE POLAR	22000
12.640	V	DISNEY CHANNEL+1	22000
12.640	V	DISNEY CINEMAGIC	22000
12.640	V	DISNEY MAGIC+1	22000
12.640	V	E! ENTERTAINMENT	22000
12.640	V	GULLI	22000
12.640	V	PLAYHOUSE DISNEY	22000
12.640	V	TEVA	22000
12.640	V	CINEMA 16/9	22000
12.640	V	DATASYSTEM 114	22000
12.669	V	2BE	22000
12.669	V	ActionNow	22000
12.669	V	JIM	22000
12.669	V	Ketnet/Canvas	22000
12.669	V	VIJFtv	22000
12.669	V	Vitaya	22000
12.669	V	VT4	22000
12.669	V	VTM	22000
12.669	V	één	22000
12.669	V	KANAAL Z	22000
12.669	V	4FM	22000
12.669	V	Donna	22000
12.669	V	Klara	22000
12.669	V	Q-music	22000
12.669	V	Radio 1	22000
12.669	V	Radio 2	22000
12.669	V	Studio Brussel	22000
12.669	V	HUMAX DOWNLOAD SV	22000
12.669	V	Samsung2	22000
12.669	V	SEMCO Download	22000
12.669	V	STB Technisat	22000

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Freq GHz	Pol	Channel Name	Symbol rate
11.778	V	1.058 Spare	27500
11.778	V	Boomerang	27500
11.778	V	Spare 2	27500
11.778	V	TCM	27500
11.778	V	Cartoon Network	27500
11.778	V	CNN Int.	27500
11.778	V	Spare 28526	27500
11.778	V	Spare 3	27500
11.778	V	CNN Radio	27500
11.778	V	DATA_SYS_68	27500
11.836	H	arte-alt	27500
11.836	H	Bayerisches FS Süd	27500
11.836	H	BR-alpha*	27500
11.836	H	Das Erste	27500
11.836	H	hr-fernsehen	27500
11.836	H	Phoenix-alt	27500
11.836	H	SWR Fernsehen BW	27500
11.836	H	Test-R	27500
11.836	H	WDR Köln	27500
11.915	H	ANIXE HD	27500
11.915	H	ASTRA HD+	27500
11.915	H	DISCOVERY HD	27500
11.915	H	PREMIERE HD	27500
12.051	V	Kabel 1 Austria	27500
12.051	V	Kabel 1 Schweiz	27500
12.051	V	ProSieben Austria	27500
12.051	V	ProSieben Schweiz	27500
12.051	V	PULS 4 Austria	27500
12.051	V	SAT.1 A	27500
12.051	V	SAT.1 CH	27500
12.070	H	1-2-3.tv	27500
12.070	H	GOLDSTAR TV	27500
12.070	H	HEIMATKANAL	27500
12.070	H	HIT24	27500
12.070	H	PASSION	27500
12.070	H	PREMIERE START	27500
12.070	H	RTL CRIME	27500
12.070	H	P-GOLDSTAR TV	27500
12.070	H	P-HEIMATKANAL	27500
12.070	H	P-COUNTRY	27500
12.070	H	P-DEUTSCHE CHARTS	27500
12.070	H	P-LOVE SONGS	27500
12.070	H	P-RnB/HIP HOP	27500
12.070	H	P-ROCK HYMNEN	27500
12.070	H	BDatat	27500
12.070	H	CPT_TP83	27500
12.090	V	CINEMA STAR	27500
12.090	V	DISCOVERY	27500
12.090	V	INFOSPORT	27500
12.090	V	M6 MUSIC HITS	27500
12.090	V	PINK TV/PINK X	27500
12.090	V	SERIE CLUB	27500
12.090	V	TELETOON	27500
12.090	V	TELETOON+1	27500
12.090	V	TPS STAR	27500
12.090	V	W9	27500
12.090	V	DATASYSTEM 84	27500
12.110	H	NDR-TEST-2	27500
12.110	H	EinsExtra-alt	27500
12.110	H	EinsFestival-alt	27500
12.110	H	EinsPlus-alt	27500
12.110	H	NDR FERNSEHEN	27500
12.110	H	MDR S-ANHALT	27500
12.110	H	MDR SACHSEN	27500
12.110	H	MDR THÜRINGEN	27500
12.110	H	NDR FS HH	27500
12.110	H	NDR FS MV	27500
12.110	H	NDR FS NDS	27500
12.110	H	NDR FS SH	27500
12.110	H	rbb Berlin	27500
12.110	H	rbb Brandenburg	27500
12.110	H	SWR Fernsehen RP	27500
12.110	H	ARD-Online-Kanal	27500
12.110	H	Bayern 4 Klassik	27500
12.110	H	hr2	27500
12.110	H	MDR FIGARO	27500
12.110	H	MDR INFO	27500
12.110	H	MDR SPUTNIK	27500
12.110	H	NDR Kultur	27500
12.110	H	SWR2	27500
12.110	H	WDR 3	27500
12.110	H	WDR 5	27500
12.110	H	ARD-MHP-Data	27500
12.110	H	ARD-TEST-1	27500
12.129	V	A LA CARTE 1	27500
12.129	V	A LA CARTE 13	27500
12.129	V	A LA CARTE 3	27500
12.129	V	A LA CARTE 4	27500

Freq GHz	Pol	Channel Name	Symbol rate
12.129	V	A LA CARTE 5	27500
12.129	V	A LA CARTE 6	27500
12.129	V	A LA CARTE 7	27500
12.129	V	A LA CARTE 8	27500
12.129	V	A LA CARTE 2	27500
12.129	V	DATA SYSTEM[86]	27500
12.149	H	Alpenglühen TVX	27500
12.149	H	BD 4	27500
12.149	H	PFH	27500
12.149	H	PREMIERE Austria	27500
12.149	H	Der Schmuckkanal	27500
12.149	H	GOD Channel	27500
12.149	H	Q TV SHOP	27500
12.149	H	RNFplus	27500
12.149	H	rtn myestate	27500
12.149	H	TIER.TV	27500
12.149	H	Voyages Television	27500
12.149	H	YAVIDO CLIPS	27500
12.149	H	2255 Gewinnradio	27500
12.149	H	ANTENNE BAYERN	27500
12.149	H	ERF Radio	27500
12.149	H	ROCK ANTENNE	27500
12.149	H	sunshine live	27500
12.149	H	BData4	27500
12.188	H	n-tv	27500
12.188	H	RTL HB NDS	27500
12.188	H	RTL HH SH	27500
12.188	H	RTL Shop	27500
12.188	H	RTL SHOP	27500
12.188	H	RTL Television	27500
12.188	H	RTL2	27500
12.188	H	Super RTL	27500
12.188	H	Super RTL CH	27500
12.188	H	VOX	27500
12.188	H	VOX CH	27500
12.207	V	A LA CARTE 12	27500
12.207	V	FRANCE 5	27500
12.207	V	FRANCE Ô	27500
12.207	V	OLTV	27500
12.207	V	OM TV	27500
12.207	V	PLANETE THALASSA	27500
12.207	V	TV BREIZH	27500
12.207	V	PLAYBOY TV	27500
12.207	V	ADO	27500
12.207	V	ALOUETTE	27500
12.207	V	BBC ARABIC	27500
12.207	V	BBCW SERVICE	27500
12.207	V	BEUR FM	27500
12.207	V	BFM	27500
12.207	V	CANALSAT RADIOS	27500
12.207	V	CHERIE FM	27500
12.207	V	CONTACT FM	27500
12.207	V	COULEUR 3	27500
12.207	V	EUROPE 1	27500
12.207	V	FIP	27500
12.207	V	France CULTURE	27500
12.207	V	France INFO	27500
12.207	V	France Inter	27500
12.207	V	FRANCE MUSIQUE	27500
12.207	V	FREQUENCE JAZZ	27500
12.207	V	FUN RADIO	27500
12.207	V	LE MOUV	27500
12.207	V	MC DOUALIYA	27500
12.207	V	MEDI 1	27500
12.207	V	NOSTALGIE	27500
12.207	V	NRJ	27500
12.207	V	OUI FM	27500
12.207	V	PARENTHESE RADIO	27500
12.207	V	RADIO 1	27500
12.207	V	RADIO 2	27500
12.207	V	RADIO 3	27500
12.207	V	RADIO ALPHA	27500
12.207	V	RADIO CLASSIQUE	27500
12.207	V	RADIO COURTOISIE	27500
12.207	V	RADIO FG	27500
12.207	V	RADIO FRANCE	27500
12.207	V	RADIO INT	27500
12.207	V	RADIO INT 2	27500
12.207	V	RADIO LATINA	27500
12.207	V	RADIO NOTRE-DAME	27500
12.207	V	RADIO NOVA	27500
12.207	V	RADIOS 2	27500
12.207	V	RADIOS 3	27500
12.207	V	RCJ / SHALOM	27500
12.207	V	RF	27500
12.207	V	RFI INT	27500
12.207	V	RFI MULTILINGUE	27500
12.207	V	RFM	27500
12.207	V	RIRE & CHANSONS	27500
12.207	V	RMC	27500
12.207	V	RTL	27500
12.207	V	RTL 2	27500
12.207	V	SKYROCK	27500
12.207	V	SUD RADIO	27500
12.207	V	TSF	27500
12.207	V	VIBRATION	27500
12.207	V	VIRGIN RADIO	27500
12.207	V	VOLTAGE	27500
12.207	V	WRN	27500
12.207	V	CANALSAT RADIOS	27500
12.207	V	DATA SYSTEM[90]	27500
12.227	H	EuroNews	27500
12.227	H	Eurosport	27500
12.227	H	HSE24 Digital	27500
12.227	H	MTV AUSTRIA	27500
12.227	H	NICK AUSTRIA	27500
12.227	H	RTL Austria	27500
12.227	H	RTL2 Austria	27500
12.227	H	Super RTL A	27500
12.227	H	VOX Austria	27500
12.227	H	Guide Plus+	27500
12.265	H	Radio Bremen TV	27500
12.265	H	SR Fernsehen	27500
12.265	H	1LIVE	27500
12.265	H	1LIVE diggi	27500
12.265	H	Antenne Brandenburg	27500
12.265	H	B5 aktuell	27500
12.265	H	B5 plus	27500
12.265	H	Bayern 1	27500
12.265	H	Bayern 2	27500
12.265	H	Bayern 3	27500
12.265	H	Bayern 4 Klassik	27500
12.265	H	Bayern Mobil	27500
12.265	H	BR Verkehr	27500
12.265	H	Bremen Eins	27500
12.265	H	Bremen Vier	27500
12.265	H	cont.ra	27500
12.265	H	Das Modul	27500
12.265	H	DASDING	27500
12.265	H	DW 1	27500
12.265	H	DW 4	27500
12.265	H	Fritz	27500
12.265	H	hr INFO	27500
12.265	H	hr INFO +	27500
12.265	H	hr1	27500
12.265	H	hr3	27500
12.265	H	hr4	27500
12.265	H	InfoRadio	27500
12.265	H	kulturradio	27500
12.265	H	MDR FIGARO	27500
12.265	H	MDR INFO	27500
12.265	H	MDR JUMP	27500
12.265	H	MDR SPUTNIK	27500
12.265	H	MDR1 S-ANHALT	27500
12.265	H	MDR1 SACHSEN	27500
12.265	H	MDR1 THÜRINGEN	27500
12.265	H	N-JOY	27500
12.265	H	NDR 1 Niedersachsen	27500
12.265	H	NDR 1 Radio MV	27500
12.265	H	NDR 1 Welle Nord	27500
12.265	H	NDR 2	27500
12.265	H	NDR 90,3	27500
12.265	H	NDR Info	27500
12.265	H	NDR Info Spezial	27500
12.265	H	NDR Kultur	27500
12.265	H	Nordwestradio	27500
12.265	H	radioBERLIN 88,8	27500
12.265	H	radioeins	27500
12.265	H	radiomultikulti	27500
12.265	H	SR1	27500
12.265	H	SR2	27500
12.265	H	SR3	27500
12.265	H	SWR1 BW	27500
12.265	H	SWR1 RP	27500
12.265	H	SWR2	27500
12.265	H	SWR3	27500
12.265	H	SWR4 BW	27500
12.265	H	SWR4 RP	27500
12.265	H	WDR 2	27500
12.265	H	WDR 2 Klassik	27500
12.265	H	WDR 3	27500
12.265	H	WDR 4	27500
12.265	H	WDR 5	27500
12.265	H	WDR Event	27500
12.265	H	WDR Funkhaus Europa	27500
12.265	H	YOU FM	27500
12.285	V	XXL	27500
12.285	V	AB MOTEURS	27500
12.285	V	AB1	27500
12.285	V	ACTION	27500
12.285	V	ANIMAUX	27500
12.285	V	CINE FX	27500
12.285	V	CINE POLAR	27500
12.285	V	ENCYCLOPEDIA	27500
12.285	V	ESCALES	27500
12.285	V	MANGAS	27500
12.285	V	RTL9	27500
12.285	V	toute L'HISTOIRE	27500
12.285	V	LCP	27500
12.285	V	NT1	27500
12.285	V	DATA SYSTEM TR94	27500
12.324	V	ONZEO	27500
12.324	V	PRIVATE SPICE	27500
12.324	V	SAILING CHANNEL	27500
12.324	V	CASH TV	27500
12.324	V	MOSA 2	27500
12.324	V	MOSA 3	27500
12.324	V	MOSA 4	27500
12.324	V	MOSA 5	27500
12.324	V	MOSAIQUE	27500
12.324	V	CONI2	27500
12.324	V	(Empty)	27500
12.324	V	01 06 01 47	27500
12.324	V	01 07 01 47	27500
12.324	V	01 07 04 47	27500
12.324	V	01 08 04 47	27500
12.324	V	02 01 01 83	27500
12.324	V	02 01 03 83	27500
12.324	V	02 02 04 83	27500
12.324	V	02 04 01 83	27500
12.324	V	02 04 04 83	27500
12.324	V	02 05 01 83	27500
12.324	V	02 06 01 83	27500
12.324	V	02 06 04 83	27500
12.324	V	BIENVENUE SUR AST	27500
12.324	V	DATA SYSTEM[96]	27500
12.344	H	Animal Planet	27500

TV Digital | Radio Digital | TV Digital Crypt | Radio Digital Crypt | TV High Definition | TV High Definition Crypt | Data Channel | TV Analog | Radio Analog

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Freq Pol GHz		Channel Name	Symbol rate
11.635	H	Dance	28500
11.635	H	Deutsche Hits	28500
11.635	H	Deutsche Schlager	28500
11.635	H	Deutscher Rock	28500
11.635	H	Euro Hits	28500
11.635	H	Heavy Metal	28500
11.635	H	Instrumentals	28500
11.635	H	Klassik Hits	28500
11.635	H	Klassischer Jazz	28500
11.635	H	Love Songs	28500
11.635	H	New Age	28500
11.635	H	Perfect Dinner Party	28500
11.635	H	Pop	28500
11.635	H	R & B Hip Hop	28500
11.635	H	Rap	28500
11.635	H	Reggae	28500
11.635	H	Rock Anthems	28500
11.635	H	Rock'n' Roll Oldies	28500
11.635	H	Spanischer Rock	28500
11.635	H	Symphonie	28500
11.635	H	UK Hits	28500
●11.635	V	Bayern 2	28500
●11.635	V	Bayern 4 Klassik	28500
●11.635	V	Bremen Vier	28500
●11.635	V	Fritz	28500
●11.635	V	hr2	28500
●11.635	V	hr3	28500
●11.635	V	MDR SPUTNIK	28500
●11.635	V	N-JOY	28500
●11.635	V	NDR 90,3	28500
●11.635	V	Nordwestradio	28500
●11.635	V	radioeins	28500
●11.635	V	SWR1 BW	28500
●11.635	V	SWR4 RP	28500
●11.635	V	WDR 2	28500
●11.635	V	WDR 3	28500
●11.635	V	WDR 4	28500
11.675	V	Al Jazeera Int (engl	28500
11.675	V	CH1 Russia (rus)	28500
11.675	V	EuroNews (itl)	28500
11.675	V	EuroNews (port)	28500
11.675	V	EuroNews (rus)	28500
11.675	V	EuroNews (span)	28500
11.675	V	Fox Turk (türk)	28500
11.675	V	France 2 (frz)	28500
11.675	V	France 3 (frz)	28500
11.675	V	France 5 (frz)	28500
11.675	V	iTVN (pol)	28500
11.675	V	Kanal 7 Int (türk)	28500
11.675	V	LiG TV (türk)	28500
11.675	V	Rai 1 (itl)	28500
11.675	V	Rai 2 (itl)	28500
11.675	V	Rai 3 (itl)	28500
11.675	V	Show Turk (türk)	28500
11.675	V	Turkmax (türk)	28500
12.525	V	CT 2	27500
12.525	V	CS Film/XXX/Test2	27500
12.525	V	CT 1	27500
12.525	V	CT SPORT	27500
12.525	V	Galaxie Sport	27500
12.525	V	Prima TV	27500
12.525	V	CT 24	27500
12.525	V	Noe TV	27500
12.525	V	BBC CZ	27500
12.525	V	CRo 1-Radiozurnal	27500
12.525	V	CRo 2+6/CRo 7	27500
12.525	V	CRo 2-Praha	27500
12.525	V	CRo 3-Vltava	27500
12.525	V	CRo 4-Radio Wave	27500
12.525	V	CRo D-dur	27500
12.525	V	CRo Leonardo	27500
12.525	V	CRo Radio Cesko	27500
12.525	V	CRo Region	27500
12.525	V	Proglas	27500
12.565	H	Markiza	27500
●12.565	V	1-2-3.tv	27500
12.565	V	BBC World (engl)	27500
12.565	V	BibelTV	27500
12.565	V	Bloomberg	27500
12.565	V	EuroNews	27500
12.565	V	Eurosport 2	27500
12.565	V	MTV	27500
12.565	V	NICK	27500
12.565	H	STV1	27500
12.565	H	STV1 TT	27500
12.565	H	STV2	27500
12.565	H	STV2 TT	27500
●12.565	V	TV 5 Monde (frz)	27500
12.565	H	TV JOJ	27500
12.565	H	TV JOJ_test	27500
12.565	H	TA3	27500
12.565	V	ERF	27500
12.565	V	Radio Horeb	27500
●12.565	V	Radio-Test	27500
12.565	H	SM 1	27500
12.565	H	SM 2	27500
12.565	H	SM-CS	27500
12.565	V	Sunshine Live	27500
●12.565	V	1LIVE	27500
●12.565	V	Antenne Brandenburg	27500
●12.565	V	Bayern 1	27500
●12.565	V	Bayern 3	27500
●12.565	V	Bremen Eins	27500
12.565	H	Devin	27500
12.565	H	EXPRES 7	27500
12.565	H	FUN-R	27500
●12.565	V	hr1	27500
12.565	H	Lumen	27500
●12.565	V	MDR INFO	27500
●12.565	V	NDR Kultur	27500
12.565	H	OKEY	27500
●12.565	H	Patria	27500
12.565	H	Radio - 7	27500
12.565	H	Radio Hey	27500
12.565	H	Radio_FM	27500
12.565	H	ReginaBA	27500
12.565	H	ReginaBB	27500
12.565	H	ReginaKE	27500
●12.565	H	Slovakia	27500
12.565	H	Slovensko	27500
12.565	H	VIVA	27500
12.605	H	13th Street (KD)	28500
12.605	H	AXN	28500
12.605	V	AXN (engl)	28500
12.605	V	BBC Prime (engl)	28500
12.605	V	Boomerang	28500
12.605	V	Boomerang (engl)	28500
12.605	V	CNBC Europe (engl)	28500
12.605	H	CNN (engl)	28500
12.605	H	Der Schmuckkanal	28500
12.605	V	Detski Mir	28500
12.605	H	Disney Toon	28500
12.605	V	DMAX	28500
12.605	H	E! Entertainment	28500
12.605	H	ESPN Classic	28500
12.605	H	ESPN Classic (engl)	28500
12.605	V	Extreme Sports	28500
12.605	V	Extreme Sports (engl	28500
12.605	V	GemsTV	28500
12.605	H	Giga Digital	28500
●12.605	V	iMusic	28500
12.605	H	Jukebox	28500
12.605	V	kabel eins classics	28500
12.605	H	NASN	28500
12.605	H	NASN (engl)	28500
12.605	V	Playhouse Disney (en	28500
12.605	H	QVC	28500
12.605	V	Rock TV	28500
12.605	V	Sat.1 Comedy	28500
12.605	H	Silverline	28500
12.605	V	Sky News (engl)	28500
●12.605	V	TCM Classic Movies (	28500
12.605	V	Toon Disney (engl)	28500
12.605	H	VH1 Classic	28500
12.605	H	VH1 Classic (engl)	28500
12.605	H	Voyages Television	28500
12.605	H	Wein TV	28500
12.605	V	BBC World Service	28500
12.636	V	K-TV	2277
●12.685	V	arte	27500
●12.685	V	EinsExtra	27500
●12.685	V	EinsFestival	27500
●12.685	V	EinsPlus	27500
●12.685	V	Phoenix	27500

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Freq Pol GHz		Channel Name	Symbol rate
●11.778	V	BravaHDTV	27500
●11.778	V	NGC HD	27500
●11.778	V	Service3	27500
●11.778	V	Service1	27500
●11.778	V	Service5	27500

BADR-3,4/EUROBIRD 2
26.0 East

BADR03KB

Freq Pol GHz		Channel Name	Symbol rate
●11.727	H	Al Muntada TV	27500
●11.727	H	Algeria	27500
●11.727	H	Eriteria	27500
●11.727	H	Ethiopia	27500
●11.727	H	Hannibal	27500
●11.727	H	Libya Sport (Riadia)	27500
●11.727	H	Libya TV	27500
●11.727	H	Mauritania	27500
●11.727	H	Morroco TV	27500
●11.727	H	Tunis	27500
●11.727	H	Tunisie 21	27500
●11.727	H	Algeria R1	27500
●11.727	H	Algeria R2	27500
●11.727	H	Eritera R1	27500
●11.727	H	Eriteria R2	27500
●11.727	H	Ethiopia R1	27500
●11.727	H	Mauritania R1	27500
●11.727	H	Morroco R1	27500
●11.727	H	Morroco R2	27500
●11.727	H	R- Tunisie- Culture	27500
●11.727	H	R- Tunisie- Internat	27500
●11.727	H	R- Tunisie- National	27500
●11.747	V	A Thuraya	27500
●11.747	V	Al Jawhara TV	27500
●11.747	V	Alkawthar	27500
●11.747	V	ASNshop	27500
●11.747	V	Oman	27500
●11.747	V	Oyoun Jeddah	27500
●11.747	V	Saudi 1	27500
●11.747	V	Saudi 2	27500
●11.747	V	Tayba TV	27500
●11.747	V	TV5	27500
●11.747	V	Wazifaty	27500
●11.747	V	OMAN ENGLISH PROG	27500
●11.747	V	OMAN GENERAL PROG	27500
●11.747	V	OMAN YOUTH PROGRA	27500
●11.747	V	Radio RMC	27500
●11.747	V	RFI Radio	27500
●11.747	V	Saudi 2 R1	27500
●11.747	V	Saudi1 R1	27500
●11.747	V	Saudi1 R2	27500
11.785	V	A1 Shop	27500
11.785	V	EL Emarah	27500
11.785	V	Future USA	27500
11.785	V	Ghinwa	27500
11.785	V	Sahm TV	27500
11.785	V	Strike	27500
11.785	V	Test 12	27500
11.785	V	Test 13	27500
11.785	V	Test 5	27500
11.785	V	Test 10	27500
●11.804	H	ABU DHABI-A	27500
●11.804	H	ABU DHABI-E	27500
●11.804	H	AD Sports	27500
●11.804	H	AL Emarat	27500
●11.804	H	AlQuds TV	27500
●11.804	H	Poet	27500
●11.804	H	Sayedaty TV	27500
●11.804	H	SHARJAH TV	27500
●11.804	H	Test 1	27500
●11.804	H	ABU DHABI RADIO	27500
●11.804	H	AD RADIO 1	27500
●11.804	H	ALAIN Athaan	27500
●11.804	H	ALATHAN Radio	27500
●11.804	H	EMARAT FM	27500
●11.804	H	Fujairah Athaan	27500
●11.804	H	LIWA Athaan	27500
●11.804	H	QURAAN QARIM	27500
●11.804	H	SHARJAH Radio	27500
●11.804	H	SOWT ALMUSICA	27500
●11.804	H	Test	27500
●11.843	H	Al-Ressala	27500
11.843	H	Arabsat Coming Soon	27500
11.843	H	Arabsat Promotion Ch	27500
11.843	H	Rotana Cinema	27500
11.843	H	Rotana Clip	27500
11.843	H	Rotana Khalijiah	27500
11.843	H	Rotana Music	27500
11.843	H	Rotana Tarab	27500
●11.843	H	Rotana Zaman	27500
●11.843	H	Test	27500
11.862	V	A lpha Shop	27500
11.862	V	AL JAZEERA CHILDR	27500
●11.862	V	Booyut Motmaeena	27500
●11.862	V	Najah	27500
11.862	V	Oman TV2	27500
11.862	V	Test 1	27500
●11.862	V	Test 2	27500
11.862	V	Test 3	27500
●11.862	V	Test 5	27500
●11.862	V	Test4	27500
●11.862	V	Wazefaty TV	27500
11.862	V	Yara TV	27500
11.862	V	ALKAWTHAR Radio	27500
11.862	V	BBC Arabic Radio	27500
11.862	V	BBC English Radio	27500
11.862	V	Oman Quraan Karim	27500
12.015	V	Al-EKhbaria	27500
12.015	V	Saudi Sport	27500
12.015	V	Saudi TV	27500
12.015	V	Saudi-1	27500
12.015	V	Saudi-2	27500
12.015	V	European	27500
12.015	V	Holy Quran	27500
12.015	V	Radio-5	27500
12.015	V	Saudi Radio-1	27500
12.015	V	Saudi Radio-2	27500

BADR04KB

Freq Pol GHz		Channel Name	Symbol rate
11.823	V	AlManar	27500
11.823	V	Future News	27500
11.823	V	Future TV	27500
●11.823	V	LBCI	27500
11.823	V	NBN	27500
11.823	V	OTV	27500
11.823	V	Star Academy	27500
11.823	V	TeleLiban	27500
●11.823	V	Test 8	27500
11.823	V	Thane Express	27500
11.823	V	Radio El Nour	27500
11.823	V	Radio Orient	27500
11.919	H	MBC Int	27500
11.919	H	AL-Arabiya	27500
11.919	H	ChatCom	27500
11.919	H	MBC Action	27500
11.919	H	MBC1	27500
11.919	H	MBC2	27500
11.919	H	MBC3	27500
11.919	H	MBC4	27500
11.919	H	TXT TV	27500
11.919	H	Jeddah FM	27500
11.919	H	MBC FM	27500
11.919	H	MBC FM ER	27500
11.919	H	Panjordon	27500
11.919	H	Panorama	27500
11.919	H	Riyadh FM	27500
11.938	V	AL Afaf	27500
●11.938	V	Al Hurra	27500
11.938	V	Al Hurra Iraq	27500
11.938	V	Alwseet	27500
●11.938	V	AutoOne	27500
11.938	V	Beeaty	27500
11.938	V	DardaChat	27500
11.938	V	FANOOS	27500
11.938	V	Hamsa	27500
11.938	V	Mersal	27500
11.938	V	Mlive Club	27500
11.938	V	Rabet alkher	27500
11.938	V	Rayhana TV	27500
●11.938	V	Romanceya TV	27500
11.938	V	U Mark	27500
11.938	V	Yalla SMS	27500
11.938	V	Yemen TV	27500
11.938	V	Radio Farda	27500
11.938	V	Radio Iraq North and	27500
11.938	V	Radio Sawa Iraq	27500
11.938	V	Radio Sawa Levent	27500
11.938	V	Radio Sawa Sudan	27500
11.938	V	Yemen R1	27500
11.938	V	Yemen R2	27500
●11.957	H	LUXE.TV HD	27500
●11.957	H	HD VISIO TV	27500
●11.957	H	Melody Zen HD	27500
●11.957	H	MelodyZen SD	27500
●11.957	H	TEST	27500
●11.958	H	LUXE.TV HD	27500
11.958	H	HD VISIO TV	27500
●11.958	H	Melody Zen HD	27500
●11.958	H	MelodyZen SD	27500
11.958	H	TEST	27500
●11.976	V	Al Watan Plus	27500
●11.976	V	Al Watan TV	27500
●11.976	V	AlRai2	27500
11.996	H	Al Jazzera	27500
11.996	H	AlAlam	27500
11.996	H	AlMustakillah	27500
11.996	H	Arabsat Promotion Ch	27500
11.996	H	BBC Arabic	27500
11.996	H	CNBC Arabiya	27500
11.996	H	Family TV	27500
11.996	H	France 24 (in Arabic	27500
11.996	H	Nessma TV	27500
11.996	H	Rusiya Al-Yaum	27500
11.996	H	TEST	27500
11.996	H	AlAlam R1	27500
11.996	H	AlAlam R2	27500
●11.996	H	BBC World Service	27500
●11.996	H	BBC World Service	27500
11.996	H	CNBC Arabiya R1	27500
11.996	H	WRN (Sawt AlAlam)	27500
●12.034	H	AL JAZEERA CHILDR	27500
●12.034	H	Alkass	27500
●12.034	H	JSC	27500
●12.034	H	JSC Documentary	27500
●12.034	H	JSC English	27500
●12.034	H	JSC Mubasher	27500
●12.034	H	JSC Sports	27500
●12.034	H	Qatar TV	27500
●12.034	H	Test	27500
●12.034	H	Qatar Radio	27500
●12.034	H	Sout Al Khaleej	27500
●12.034	H	Sout Al Rayan	27500
●12.053	V	Addounia TV	27500
●12.053	V	Al Naser Club	27500
●12.053	V	AlAqsa	27500
●12.053	V	AlRai	27500
●12.053	V	Awtan	27500
●12.053	V	Jordan TV	27500
●12.053	V	KBS W	27500
●12.053	V	Mobile Gaming TV	27500
●12.053	V	Press TV	27500
●12.053	V	SAHARA TV	27500
●12.053	V	Syria TV	27500
●12.053	V	AlAqsa Voice	27500
●12.053	V	Jordan Fann	27500
●12.053	V	Jordan Radio	27500
●12.053	V	Syria R1	27500
●12.053	V	Syria R2	27500
●12.053	V	Syria R3	27500
●12.072	H	4Fun TV	27500
●12.072	H	Aalam Hawaa	27500
●12.072	H	Al Hiwar	27500
●12.072	H	ANN TV	27500
●12.072	H	Arabsat Promotion Ch	27500
●12.072	H	Arosty	27500
●12.072	H	BBC World Middle E	27500
●12.072	H	Funoon TV	27500
●12.072	H	Live TV	27500
●12.072	H	Luxe TV	27500
●12.072	H	Nailat Shopping	27500
●12.072	H	Test	27500
●12.072	H	Zafaf	27500
●12.073	H	4Fun TV	27500
●12.073	H	Aalam Hawaa	27500
●12.073	H	Al Hiwar	27500
●12.073	H	ANN TV	27500
●12.073	H	Arabsat Promotion Ch	27500
●12.073	H	Arosty	27500
●12.073	H	BBC World Middle E	27500
●12.073	H	Funoon TV	27500
●12.073	H	Live TV	27500
●12.073	H	Luxe TV	27500
●12.073	H	Nailat Shopping	27500
●12.073	H	Test	27500
●12.073	H	Zafaf	27500
●12.092	V	AL HRMAIN	27500
●12.092	V	AL MOJTAMA	27500
●12.092	V	ARAB TV	27500
●12.092	V	Dunia TV	27500
●12.092	V	Fujairah Media 11	27500
●12.092	V	Fujairah Media 12	27500
●12.092	V	orient	27500
●12.092	V	Petrogas TV	27500
●12.092	V	Recruitment TV	27500
●12.092	V	Shaer al Rasoul	27500
●12.092	V	SMARTSWAY	27500
●12.092	V	Zoal TV	27500
●12.092	V	Fujairah FM Radio	27500
12.111	H	Ahlulbayt	27500
12.111	H	Al Eqtisadia TV	27500
12.111	H	ALAAN TV	27500
12.111	H	ARIRANG	27500
12.111	H	ASHOROOQ TV	27500
●12.111	H	Decision Makers Tv	27500
12.111	H	Dubai Sports 2	27500
12.111	H	INFINITY 2	27500
●12.111	H	Jawna	27500
12.111	H	SHARAQIYA	27500
●12.130	V	4FUN	27500
●12.130	H	Ahlulbayt	27500
●12.130	H	Al Eqtisadia TV	27500
●12.130	V	Al Haqiqa	27500
●12.130	V	Al Motahdth	27500
●12.130	H	ALAAN TV	27500
●12.130	H	ARIRANG	27500
●12.130	H	ASHOROOQ TV	27500
●12.130	H	Decision Makers Tv	27500
12.130	V	Dubai One	27500
●12.130	V	Dubai Sport	27500
●12.130	H	Dubai Sports 2	27500
12.130	V	Dubai TV	27500
●12.130	H	INFINITY 2	27500
●12.130	V	IQRA	27500
●12.130	H	Jawna	27500
●12.130	V	Nilat	27500
12.130	V	Sama Dubai	27500
●12.130	H	SHARAQIYA	27500
12.130	V	Shariq Alomar	27500
●12.130	V	Test	27500
●12.130	V	Test1	27500
12.130	V	Al Mirbad Radio	27500
●12.149	H	ALBAGHDADIA	27500
●12.149	H	ALhayat	27500
12.149	H	Arosty	27500
●12.149	H	Bedayah Nesaaya TV	27500
12.149	H	Fatwa	27500
●12.149	H	Info. Mohamed	27500
●12.149	H	Test	27500
12.149	H	Wtanya	27500
12.149	H	Zawag	27500
●12.167	V	Ghiras TV	27500
●12.167	V	MTV ARABIA	27500
●12.167	V	CELRUN OTA	27500
●12.182	H	SHEBA	16200
●12.182	H	TEST	16200
●12.182	H	YAMANIA	16200
●12.182	H	YEMEN	16200
●12.182	H	YEMEN R1	16200
●12.182	H	YEMEN R2	16200
●12.182	H	YEMEN R3	16200
●12.182	H	YEMEN R4	16200
●12.206	V	Aalam Hawaa	27500
●12.206	V	Al-Iraqia	27500
●12.206	V	AL-majd	27500
●12.206	V	AL-majd Quran	27500
●12.206	V	Djibouti	27500
●12.206	V	PEACE TV	27500
●12.206	V	PSC	27500
●12.206	V	Qatar TV	27500
●12.206	V	Shada	27500
●12.206	V	Sudan TV	27500
●12.206	V	Tayba TV	27500
●12.206	V	Zafaf	27500
●12.206	V	Al-Iraqia Quran	27500
●12.206	V	PSC Radio	27500
●12.206	V	Qatar Radio	27500
●12.206	V	Radio Baghdad	27500
●12.206	V	Sudan R1	27500
●12.206	V	Sudan R2	27500
●12.226	H	Bahrain 55	27500
●12.226	H	Bahrain Sport	27500
●12.226	H	Bahrain TV	27500
●12.226	H	Test 1	27500
●12.226	H	Test 2	27500
●12.226	H	Test 3	27500
●12.226	H	Test 4	27500
●12.226	H	Test 5	27500
●12.226	H	Test 6	27500
●12.226	H	Test 7	27500
●12.226	H	Arab Classical Music	27500
●12.226	H	Bahrain FM	27500
●12.226	H	Bahrain Radio genera	27500
●12.226	H	Holy Quran Channel	27500
●12.226	H	News Channel	27500
●12.226	H	Radio Bahrain	27500
●12.226	H	Test 1	27500
●12.226	H	Traditional Music	27500
●12.284	V	Aamal	27500
●12.284	V	Alqurain	27500
●12.284	V	Douaa	27500
●12.284	V	Montada	27500
●12.284	V	Test6	27500
12.523	H	ETHRAA	27500
12.523	H	KTV CH1	27500
12.523	H	KTV.H.Quran	27500
12.523	H	KUWAIT CH2	27500
12.523	H	KUWAIT FEED	27500
12.523	H	SPORT PLUS	27500
12.523	H	YOUTH SPORT	27500

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Freq Pol GHz		Channel Name	Symbol rate
●11.012	H	BLOOMBERG	27500
●11.012	H	CINEMA CITY	27500
●11.012	H	FASHION TV	27500
●11.012	H	MGM	27500
●11.012	H	SERIES	27500
●11.012	H	SPACE TOON	27500
●11.012	H	SUPER MOVIES	27500
●11.012	H	TVMAX	27500
●11.012	H	TVMAX PROMO	27500
●11.012	H	SDSJ5	27500
●11.055	H	AL RIYADIYAH	27500
●11.055	H	AMERICA PLUS	27500
●11.055	H	CNBC-US	27500
●11.055	H	MUSIC NOW	27500
●11.055	H	SUPER COMEDY	27500
●11.055	H	MARHABA	27500
●11.055	H	BBC ARABIC	27500
●11.055	H	BBC ENGLISH	27500
●11.055	H	CLASSICAL	27500
●11.055	H	COUNTRY OF BLUES	27500
●11.055	H	DANCE	27500
●11.055	H	GMA DZBB	27500
●11.055	H	HITS	27500
●11.055	H	JAZZ	27500
●11.055	H	KHALIJYA'T	27500
●11.055	H	LITE FM	27500
●11.055	H	LOVE SONGS	27500
●11.055	H	MONAWA'T	27500
●11.055	H	MONTE CARLO	27500
●11.055	H	MOTOWN	27500
●11.055	H	POP	27500
●11.055	H	R&B	27500
●11.055	H	ROCK	27500
●11.055	H	SUPER GOLD	27500
●11.055	H	TARABIYA'T	27500
●11.055	H	VIRGIN RADIO	27500
●11.055	H	EPG	27500
●11.055	H	HUMAX OTA	27500
●11.055	H	RADIO MOSAIC	27500
●11.055	H	SDSJ1	27500
●11.075	H	AL RIYADIYAH	27500
●11.075	H	AMERICA PLUS	27500
●11.075	H	CNBC-US	27500
●11.075	H	MUSIC NOW	27500
●11.075	H	SUPER COMEDY	27500
●11.075	V	Al-Boshra	27500
●11.075	V	Al-Habeeb-TV	27500
●11.075	V	Al-Khalij	27500
●11.075	V	Al-Lubnania	27500
●11.075	V	Alhayat TV	27500
●11.075	V	Alhayat TV1	27500
●11.075	V	BNI-ALHARTH TV	27500
●11.075	H	MARHABA	27500
●11.075	V	Qwafee	27500
●11.075	V	Rawasy-TV	27500
●11.075	V	Silk-Road	27500
●11.075	V	Talamiah	27500
11.075	V	Watani	27500
●11.075	H	BBC ARABIC	27500
●11.075	H	BBC ENGLISH	27500
●11.075	H	CLASSICAL	27500
●11.075	H	COUNTRY OF BLUES	27500
●11.075	H	DANCE	27500
●11.075	H	GMA DZBB	27500
●11.075	H	HITS	27500
●11.075	H	JAZZ	27500
●11.075	H	KHALIJYA'T	27500
●11.075	H	LITE FM	27500
●11.075	H	LOVE SONGS	27500
●11.075	H	MONAWA'T	27500
●11.075	H	MONTE CARLO	27500
●11.075	H	MOTOWN	27500
●11.075	H	POP	27500
●11.075	H	R&B	27500
●11.075	H	ROCK	27500
●11.075	H	SUPER GOLD	27500
●11.075	H	TARABIYA'T	27500
●11.075	H	VIRGIN RADIO	27500
●11.075	H	EPG	27500
●11.075	H	HUMAX OTA	27500
●11.075	H	RADIO MOSAIC	27500
●11.075	H	SDSJ1	27500
●11.096	H	EURONEWS	27500
●11.096	H	DISCOVERY CHANNEL	27500
●11.096	H	DISCOVERY SCIENCE	27500
●11.096	H	DISNEY PLAYHOUSE	27500
●11.096	H	FUN CHANNEL	27500
●11.096	H	JSC+1	27500
●11.096	H	JSC+2	27500
●11.096	H	NBN PINOY NEWS	27500
●11.096	H	PTEST	27500
●11.096	H	STC	27500
●11.096	H	TRACE	27500
●11.096	H	MTV ARABIA	27500
●11.096	H	SDSJ4	27500
●11.585	V	Discovery-Middle-Eas	27500
●11.585	V	Discovery-Travel&Liv	27500
●11.585	V	ATLAS TV Or	27500
●11.585	V	DM-TV	27500
●11.585	V	Gunaz-TV	27500
●11.585	V	Marhaba	27500
●11.585	V	NBN	27500
●11.585	V	New-TV	27500
●11.585	V	OTV	27500
●11.585	V	Supreme-Master-TV	27500
●11.585	V	Polskie-Radio	27500
●11.604	H	AMERICA PLUS +2	27500
11.604	H	ANIMAL PLANET	27500
11.604	H	BBC PRIME	27500
●11.604	H	BOOMERANG	27500
●11.604	H	CARTOON NETWORK	27500
●11.604	H	CINEMA CITY +1	27500
●11.604	H	DISCOVERY CHANNEL	27500
●11.604	H	DISCOVERY T&L	27500
11.604	H	DISNEY CHANNEL	27500
●11.604	H	ORBIT ESPN	27500
●11.604	H	ORBIT NEWS	27500
●11.604	H	SUPER COMEDY +2	27500
11.604	H	TOON DISNEY	27500
11.604	H	CNNI	27500
11.604	H	SDSJ2	27500
●11.623	V	Al-Khel TV	27500
●11.623	V	Al-Rouh	27500
●11.623	V	Al-Sahraa	27500
●11.623	V	Almohim Q8	27500
●11.623	V	Atlas--Original	27500
●11.623	V	Bahrain TV	27500
●11.623	V	Bin-Othaimeen	27500
●11.623	V	Domino-kuwait_4	27500
●11.623	V	Nabeha Tahalof	27500
●11.623	V	NART	27500
●11.623	V	Ommah 2008	27500
●11.623	V	Rab3i	27500
●11.623	V	Ritmo	27500
●11.623	V	Salwa	27500
●11.662	V	Afkar-wa-Mawaheb	27500
●11.662	V	Arrai	27500
●11.662	V	Domino 5	27500
●11.662	V	Domino 6	27500
●11.662	V	Domino 7	27500
●11.662	V	Domino 8	27500
●11.662	V	HG-Business	27500
●11.662	V	Imtiaz	27500
●11.662	V	Industry	27500
●11.662	V	Karbala	27500
●11.662	V	MECCA	27500
●11.662	V	Mesiar	27500
●11.662	V	NEW TV	27500
●11.662	V	Rayeg	27500
●11.662	V	STOCK TV	27500
●11.681	H	AL SAFWA	27500
●11.681	H	AL YAWM	27500
●11.681	H	CINEMA 1	27500
●11.681	H	CINEMA 2	27500
●11.681	H	FANN	27500
●11.681	H	GMA Pinoy TV	27500
●11.681	H	HISTORY CHANNEL	27500
●11.681	H	HOLLYWOOD	27500
●11.681	H	NBA TV	27500
●11.681	H	PBO	27500
●11.681	H	SERIES+4	27500
●11.681	H	SUPER MOVIES+1	27500
●11.681	H	TCM	27500
●11.681	H	GMA LIFE TV	27500
●11.681	H	SDSJ3	27500

C-Band: BADR-C
26.1 East

BADR0CCH

Freq Pol GHz		Channel Name	Symbol rate
3.745	H	Yemen TV	3340
3.882	H	Al Jawhara	27500
●3.882	H	Al Najah	27500
●3.882	H	Booyut Motmaeena	27500
3.882	H	Family TV	27500
3.882	H	Oyoun Jeddah	27500
3.882	H	Press TV	27500
3.882	H	Sayedaty	27500
●3.882	H	Test	27500
3.882	H	Thane TV	27500
3.882	H	Thuraya TV	27500
●3.882	H	Wazefaty	27500
3.882	H	Yara TV	27500
●4.040	H	Al Ekhbaria	27500
4.040	H	Dubai Sport	27500
4.040	H	Dubai TV	27500
4.040	H	Ethiopia	27500
4.040	H	IQRA	27500
●4.040	H	JSC	27500
●4.040	H	JSC Sports 1	27500
4.040	H	Riyadiyah	27500
4.040	H	Saudi-1	27500
4.040	H	Saudi-2	27500
4.040	H	Ethiopia R1	27500
4.120	H	Abu Dhabi	27500
●4.120	H	Al Jazeera Mubasher	27500
4.120	H	AL MONOWA	27500
4.120	H	Future TV	27500
4.120	H	Lybia	27500
4.120	H	Oman TV	27500
4.120	H	One TV	27500
4.120	H	Sudan	27500
●4.120	H	Test	27500
4.120	H	Radio Orient	27500

ASTRA 2A-B-C-D
28.2 East

AST02ANO

Freq Pol GHz		Channel Name	Symbol rate
●11.759	H	1385	27500
●11.759	H	1484	27500
●11.759	H	1381	27500
●11.759	H	1382	27500
●11.759	H	1383	27500
●11.759	H	1384	27500
●11.759	H	1386	27500
●11.759	H	1387	27500
●11.759	H	1388	27500
●11.759	H	1389	27500
●11.759	H	1481	27500
●11.759	H	1482	27500
●11.759	H	1483	27500
●11.759	H	1485	27500
●11.759	H	1486	27500
●11.759	H	1487	27500
●11.759	H	1488	27500
●11.759	H	1489	27500
●11.778	V	Music Choice	27500
●11.778	V	60s	27500
●11.778	V	70s	27500
●11.778	V	80s	27500
●11.778	V	90s	27500
●11.778	V	All Day Party	27500
●11.778	V	Arabic	27500
●11.778	V	Bass, Breaks & Beats	27500
●11.778	V	Blues	27500
●11.778	V	Bollywood Hits	27500
●11.778	V	Chansons	27500
●11.778	V	Chillout	27500
●11.778	V	Classic R'n'B & Soul	27500
●11.778	V	Classic Rock	27500
●11.778	V	Classical Calm	27500
●11.778	V	Classical Greats	27500
●11.778	V	Classical Orchestral	27500
●11.778	V	Cocktail Lounge	27500
●11.778	V	Cool Jazz	27500
●11.778	V	Country	27500
●11.778	V	DanceFloor Fillers	27500
●11.778	V	Drive	27500
●11.778	V	Freedom	27500
●11.778	V	Groove (Disco & Funk	27500
●11.778	V	Harder Than Hell	27500
●11.778	V	Hip Hop	27500
●11.778	V	Indie Classics	27500
●11.778	V	Jazz Classics	27500
●11.778	V	Kids	27500
●11.778	V	New Age	27500
●11.778	V	Reggae	27500
●11.778	V	Revival (60s-70s)	27500
●11.778	V	Rewind (80s-90s)	27500
●11.778	V	Rock 'n' Roll	27500
●11.778	V	Rock Anthems	27500
●11.778	V	Schlager	27500
●11.778	V	Silk (Love Songs)	27500
●11.778	V	The Alternative - UK	27500
●11.778	V	The Alternative-GER	27500
●11.778	V	Total Hits - France	27500
●11.778	V	Total Hits - Germany	27500
●11.778	V	Total Hits - Italy	27500
●11.778	V	Total Hits - NL	27500
●11.778	V	Total Hits - Nordic	27500
●11.778	V	Total Hits - Spain	27500
●11.778	V	Total Hits - UK	27500
●11.778	V	Türk Müziki	27500
●11.778	V	Urban	27500
●11.778	V	World Music	27500
●11.778	V	EPG Background Audio	27500
●11.778	V	IEPG data 1	27500
●11.778	V	DCS1	27500
11.836	H	Sky Action	27500
11.836	H	Sky Classics	27500
11.836	H	Sky Comedy	27500
11.836	H	Sky Drama	27500
11.836	H	Sky Family	27500
11.836	H	Sky Indie	27500
11.836	H	Sky ScFi/Horror	27500
●11.856	V	3823	29500
●11.856	V	Sky Sports HD3	29500
●11.856	V	SkyPremiereHD	29500
●11.915	H	TV5	27500
●11.915	H	DCS5	27500
●11.934	V	Cust Chan Active	27500
11.934	V	Sky Cust Ch	27500
11.934	V	DCS6	27500
●11.954	H	BBC NEWS 24	27500
11.954	H	BBC PARL'MNT	27500
11.954	H	T4 STRM-0	27500
11.954	H	T4 STRM-1	27500
11.954	H	1Xtra BBC	27500
11.954	H	BBC London	27500
11.954	H	BBC 6 Music	27500
11.954	H	BBC 7	27500
11.954	H	BBC Asian N.	27500
11.954	H	BBC R Cymru	27500
11.954	H	BBC R n Gael	27500
11.954	H	BBC R Scot.	27500
11.954	H	BBC R Ulster	27500
11.954	H	BBC R Wales	27500
11.954	H	BBC R1	27500
11.954	H	BBC R2	27500
11.954	H	BBC R3	27500
11.954	H	BBC R4 FM	27500
11.954	H	BBC R4 LW	27500
11.954	H	BBC WS	27500
11.954	H	ETV3	27500
●12.149	H	ParaComedy 2	27500
●12.149	H	Sky Spts Xtra	27500
●12.149	H	Eurosport2 UK	27500
●12.149	H	Hallmark	27500
●12.149	H	S1Test	27500
●12.149	H	SCI FI	27500
●12.149	H	Sky Sports 1	27500
●12.149	H	Sky Spts News	27500
●12.149	H	Sky Spts Xtra	27500
●12.149	H	SP News	27500
●12.149	H	SP Xtra	27500
12.168	V	C4L Test 1	27500
12.168	V	Channel 4	27500
●12.227	H	1837	27500
●12.227	H	1840	27500
●12.227	H	1871 - OSM Test	27500
●12.227	H	KISS	27500
●12.227	H	Q	27500
●12.227	H	Sky One	27500
●12.227	H	Sky Three	27500
●12.227	H	Sky Two	27500
●12.227	H	The Box	27500
●12.227	H	CommunityChnl	27500
●12.227	H	Vegas Monopoly	27500
12.246	V	Sky Bet, Vegas & Sky	27500
12.246	V	Vegas Pyramid	27500
12.246	V	Vegas Rainbow Riches	27500
12.246	V	WAP Browser 1	27500
12.246	V	WAP Browser 2	27500
12.246	V	Wonder Perks	27500
●12.246	V	Sky Bingo	27500

AST02ASO

Freq Pol GHz		Channel Name	Symbol rate
11.720	H	Sky Sports HD1	29500
11.720	H	Sky Sports HD2	29500
11.739	V	Bravo	27500
11.739	V	Bravo+	27500
11.739	V	Bravo+1	27500
11.739	V	Bravo~	27500
11.739	V	Challenge	27500
11.739	V	Challenge+	27500
11.739	V	LIVING	27500
11.739	V	LIVING +1	27500
11.739	V	Living+	27500
11.739	V	LIVING2	27500
11.739	V	Living~	27500
11.739	V	test~~	27500
11.739	V	Trouble	27500
11.739	V	Trouble+	27500
●11.797	H	Channel 4 HD	29500
●11.797	H	Sky Screen 1HD	29500
11.817	V	Dave	27500
11.817	V	UK Food~	27500
11.817	V	UK Gold 2~	27500
11.817	V	UK Gold~	27500
11.817	V	UK History~	27500
11.817	V	UK SG~	27500
11.817	V	UK Style~	27500
11.817	V	UK Style~~	27500
11.817	V	UKTV Docs	27500
11.817	V	Uktv Docs~	27500
11.817	V	UKTV Drama	27500
11.817	V	UKTV Food	27500
11.817	V	UKTV Food +1	27500
11.817	V	UKTV Gardens	27500
11.817	V	UKTV Gold	27500
11.817	V	UKTV History	27500
11.817	V	UKTV Style	27500
11.876	H	Animal Planet	27500
11.876	H	dis+	27500
11.876	H	Disc.H&H+1	27500
11.876	H	Disc.H&Health	27500
11.876	H	Disc.Knowldge	27500
11.876	H	Disc.RealTime	27500
11.876	H	Disc.Science	27500
11.876	H	Disc.Travel&L	27500
11.876	H	Disc.Turbo	27500
11.876	H	Discovery	27500
11.876	H	Discovery+1	27500
11.876	H	H&Li	27500
11.876	H	6200	27500
11.895	V	7042	27500
11.895	V	Mti	27500
11.895	V	MTV BASE	27500
11.895	V	MTV DANCE	27500
11.895	V	MTV HITS	27500
11.895	V	MTV ONE	27500
●11.895	V	MTV ONE +1	27500
11.895	V	MTV Trax	27500
11.895	V	MTV TWO	27500
11.895	V	MTV®	27500
11.895	V	TMF	27500
11.895	V	VH1	27500
11.895	V	VH1 Classic	27500
12.051	V	Boomerang	27500
12.051	V	Boomerang +1	27500
12.051	V	Cartoon I	27500
12.051	V	Cartoon Netwrk	27500
12.051	V	CN Too	27500
12.051	V	Cni	27500
12.051	V	Toonami I	27500
12.051	V	CNN	27500
●12.051	V	Nuts TV	27500
12.051	V	5606	27500
12.129	V	B4U Movies	27500
12.129	V	7308	27500
12.129	V	B4U Music	27500
12.129	V	Create & Craft	27500
12.129	V	S4C	27500
12.129	V	S4C SE	27500
12.129	V	S4C2	27500
12.129	V	Teletext Holidays	27500
12.129	V	Teletext Hols	27500
12.129	V	Vitality	27500
12.129	V	Teletext Holidays &	27500
12.480	V	Channel 4 +1	27500
●12.480	V	Brit Asia TV	27500
●12.480	V	Red	27500

AST02BNO

Freq Pol GHz		Channel Name	Symbol rate
●11.993	H	6103	27500
●11.993	H	7360	27500
●11.993	H	7601	27500
●11.993	H	Dave +1	27500
●11.993	H	UKTV Docs+1	27500
●11.993	H	UKTV Docs+1~	27500
●11.993	H	UKTV Drama+1	27500
●11.993	H	UKTV Food +1	27500
●11.993	H	UKTV Gold +1	27500
●11.993	H	Uktv Gold+1~	27500
●11.993	H	UKTV H'tory+1	27500
●11.993	H	UKTV People	27500
●11.993	H	UKTV Style +1	27500
●12.012	V	Entertainment Video	27500
12.012	V	Portal Video	27500
12.012	V	Portal Video 1	27500
12.012	V	Portal Video 2	27500
12.012	V	Portal Video 5	27500
●12.012	V	Sky Bet, Vegas & Sky	27500
12.012	V	Sky Wonder Perks	27500
●12.012	V	Video Application Va	27500
12.012	V	Cartoon Network Game	27500
12.012	V	Cartoon Network Game	27500
12.012	V	Cartoon Network Game	27500
12.012	V	Cartoon Network Game	27500
12.012	V	Games Slot 1	27500
12.012	V	Games Slot 10	27500
12.012	V	Games Slot 11	27500
12.012	V	Games Slot 12	27500
12.012	V	Games Slot 13	27500
12.012	V	Games Slot 14	27500
12.012	V	Games Slot 2	27500
12.012	V	Games Slot 3	27500
12.012	V	Games Slot 4 (catfla	27500
12.012	V	Games Slot 5	27500
12.012	V	Games Slot 6	27500
12.012	V	Games Slot 7	27500
12.012	V	Games Slot 9	27500
12.012	V	Personal Organiser	27500
12.012	V	Portal Video Applica	27500
●12.012	V	Vegas Rainbow Riches	27500
●12.012	V	eSales Test	27500
12.012	V	iSAles	27500
●12.012	V	Sky Bingo	27500
12.012	V	Sky Customer Service	27500
12.012	V	Sky Shop Test	27500
●12.012	V	Vegas Portal II	27500
12.012	V	WML IA Test	27500
12.070	H	Sky Spts Xtra	27500
12.070	H	FOX News	27500
12.070	H	Kerrang!	27500
12.070	H	Magic	27500
12.070	H	SCI FI +1	27500
12.070	H	Sky Arts	27500
12.070	H	Sky Sports 1	27500
12.070	H	Sky Sports 3	27500
12.070	H	Sky Spts News	27500
12.070	H	Smash Hits!	27500
12.070	H	The Hits	27500
●12.070	H	Vegas Cashino	27500
●12.070	H	Vegas Hit It Poker	27500
●12.070	H	Vegas Wanted DOA	27500
12.070	H	DCS24	27500
12.090	V	STAR News	27500
12.090	V	STAR Plus	27500
12.090	V	DCS8	27500
12.090	V	IEPG data 8	27500
●12.285	V	4609	27500
●12.285	V	Nat Geo	27500
●12.285	V	Nat Geo+1hr	27500
●12.285	V	RealmadridTV	27500
●12.285	V	Sky One	27500
●12.285	V	Sky Screen 1	27500
●12.285	V	Sky Screen 2	27500
●12.285	V	yd1oe6	27500
●12.285	V	yd2oe6	27500
●12.285	V	yd3oe6	27500
●12.285	V	yd4oe6	27500
●12.285	V	{Empty}	27500
●12.285	V	Nat Geo App	27500
●12.285	V	Games Slot 15	27500
●12.383	H	MMS 3	27500
●12.383	H	MMS 4	27500
●12.383	H	MMS 7	27500
●12.383	H	{Empty}	27500
●12.383	H	1697	27500
●12.383	H	4301	27500
●12.383	H	Movies Active	27500
●12.383	H	Sky	27500
●12.383	H	Chl Line-up	27500
●12.402	V	12199	27500
●12.402	V	ITVi Stream 3/36	27500
●12.402	V	12198	27500
●12.461	H	Portal Video 7	27500
●12.461	H	Sky Cast	27500
●12.461	H	WML IA Application	27500
●12.461	H	WML IA Application	27500
●12.461	H	WML IA Application	27500
●12.461	H	Games Slot 25	27500
●12.461	H	launchpad	27500
●12.461	H	Sky Active	27500
●12.461	H	Sky Upgrade Dal	27500
●12.461	H	TLM Portal Plug In	27500
●12.461	H	TLM Portal Redirecto	27500
●12.461	H	Vegas Pyramid	27500
●12.461	H	WAP Browser 1	27500
●12.461	H	WAP Browser 2	27500
●12.461	H	WML Highscores	27500
●12.461	H	WML IA Application	27500
●12.461	H	Wonder Perks	27500
●12.461	H	Camelot Info	27500
●12.461	H	Camelot Main	27500
●12.461	H	I-Service App	27500
●12.461	H	iSales Hardware	27500
●12.461	H	Pin Reminder Service	27500
●12.461	H	Sky Bet Active	27500
●12.461	H	Sky Credit Card 1	27500
●12.461	H	Sky Credit Card 2	27500
●12.461	H	Sky Customer Service	27500
●12.461	H	TV Keys / Miniweb	27500
●12.461	H	TV Picks	27500

AST02BSO

Freq Pol GHz		Channel Name	Symbol rate
11.973	V	AlphaEtcPun	27500
11.973	V	MAX	27500
11.973	V	Sony TV Asia	27500
11.973	V	UKTV Style 2	27500
11.973	V	Zee Cinema	27500
11.973	V	Zee Gujarati	27500
11.973	V	Zee TV	27500
11.973	V	U Save. TV	27500
11.973	V	Zee Music	27500
●12.031	H	bid tv	27500
●12.031	H	Ideal World	27500
●12.031	H	price-drop tv	27500
●12.031	H	Q_I	27500
●12.031	H	Q_I dir	27500
●12.031	H	QVC	27500
●12.031	H	QVC Barker	27500
●12.031	H	QVC TSVNOW	27500
●12.031	H	speedauctiontv	27500
●12.031	H	Teachers TV	27500
●12.110	H	Sky Sports 3	27500
●12.110	H	Cartoonito	27500
●12.110	H	FX	27500
●12.110	H	SBL	27500
●12.110	H	Sky Sports 1	27500
●12.110	H	Sky Sports 2	27500
●12.110	H	Sky Sports 3	27500
●12.110	H	SP1	27500
●12.110	H	SP3	27500
●12.110	H	TCM 2	27500
●12.110	H	Games Slot 23	27500
●12.110	H	Games Slot 24	27500
●12.110	H	DCS2	27500
12.188	H	Chelsea TV	27500
12.188	H	E! Entertainm	27500
12.188	H	Eurosport UK	27500
12.188	H	MUTV	27500
12.188	H	Nat Geo Wild	27500
12.188	H	ParaComedy 1	27500
12.188	H	TCM	27500
12.188	H	HSSNR	27500
12.188	H	snr3	27500
●12.188	H	Vegas DOND	27500
12.207	V	Sky News	27500
12.207	V	Sky News Eire (Cable	27500
12.207	V	Sky News UK (Cable)	27500
●12.265	H	Jetix +1	27500
●12.265	H	Nick Jr Test	27500
●12.265	H	Nick Jr.	27500
●12.265	H	Nick Replay	27500
●12.265	H	Nick Test	27500
●12.265	H	Nickelodeon	27500
●12.265	H	Nicktoons	27500
●12.265	H	Sky Sports 2	27500
●12.265	H	SkyVenue	27500
●12.265	H	SP2	27500
●12.265	H	{Empty}	27500
●12.265	H	1720	27500
●12.265	H	Vegas Video Poker	27500
●12.305	H	1429	27500
●12.305	H	9355	27500
●12.305	H	Crime	27500
●12.305	H	Five T2 Reg 2	27500
●12.305	H	Jetix	27500
●12.305	H	Retail Info	27500
●12.305	H	Sky Premiere	27500
●12.305	H	Sky Vegas	27500
●12.305	H	SkyPoker.com	27500
12.324	V	Discovery HD	29500
12.324	V	HD Retail Info	29500
12.324	V	SBO HD2	29500
12.324	V	Sky Arts HD	29500
12.344	H	Sky One HD	29500
●12.344	H	Sky Screen 2HD	29500
12.363	V	History HD	29500
12.363	V	Nat Geo HD	29500
12.363	V	SBO HD1	29500
12.441	V	STREAM-0	27500
12.441	V	STREAM-1	27500
12.441	V	STREAM-2	27500
12.441	V	STREAM-3	27500
12.441	V	STREAM-4	27500
12.441	V	STREAM-5	27500
12.441	V	STREAM-6	27500

AST02CKU

Freq Pol GHz		Channel Name	Symbol rate
10.964	H	Five	22000
10.964	H	Five Life	22000
10.964	H	Five Life +1	22000
10.964	H	Five US	22000
10.964	H	Five US +1	22000

AST02DKB

Freq Pol GHz		Channel Name	Symbol rate
10.714	H	G41	22000
10.714	H	ITV1 Anglia S	22000
10.714	H	ITV1 Anglia W	22000
10.714	H	ITV1 Central SW	22000
10.714	H	ITV1 TT N	22000
10.714	H	ITV1 TT S	22000
10.714	H	ITV2+1	22000
●10.714	H	ITVi Stream 3/41	22000
10.714	H	TTG41	22000
●10.714	H	10198	22000
10.729	V	8389	22000
10.729	V	E4	22000
10.729	V	E4+1	22000
10.729	V	EfiAd	22000
10.729	V	More4	22000
10.729	V	More4 +1	22000
●10.729	V	8350	22000
10.729	V	FF TEST1	22000
10.729	V	Film4	22000
10.729	V	Film4 +1	22000
10.744	H	DW-TV	22000
10.744	H	RTE One	22000
10.744	H	RTE TWO	22000
10.744	H	TG4	22000
10.744	H	TV3	22000
10.744	H	RTE 2FM	22000
10.744	H	RTE Lyric fm	22000
10.744	H	RTE R na G	22000
10.744	H	RTE Radio 1	22000
10.759	V	CITV	22000
10.759	V	ITV1 Anglia E	22000
10.759	V	ITV1 Central W	22000
10.759	V	ITV1 Granada	22000
10.759	V	ITV1 London	22000
10.759	V	ITV2	22000
10.759	V	ITV4	22000
10.759	V	Men & Motors	22000
10.773	H	BBC 1 London	22000
10.773	H	BBC 1 NI	22000
10.773	H	BBC 2 England	22000
10.773	H	BBC FOUR	22000
10.773	H	BBC TES 3	22000
10.773	H	BBC THREE	22000
10.773	H	CBBC Channel	22000
10.773	H	CBeebies	22000
10.773	H	ETV	22000
●10.788	V	BBC 1 E Mids	22000
●10.788	V	BBC 1 East (E)	22000
●10.788	V	BBC 1 N West	22000
●10.788	V	BBC 1 W Mids	22000
●10.788	V	BBC 1 Yorks	22000
●10.788	V	BBC 1 Yrks&Lin	22000
●10.788	V	ETV5	22000
10.803	H	BBC 1 Scotland	22000
10.803	H	BBC 1 Wales	22000
10.803	H	BBC 2 NI	22000
10.803	H	BBC 2 Scotland	22000
10.803	H	BBC 2W	22000
10.803	H	ETV2	22000
10.803	H	BBC 5LSport	22000
10.803	H	BBC R5 Live	22000
10.803	H	ETV3	22000
10.818	V	BBC 1 NE & C	22000
10.818	V	BBC 1 Oxford	22000
10.818	V	BBC 1 S East	22000
10.818	V	BBC 1 S West	22000
10.818	V	BBC 1 South	22000
10.818	V	BBC 1 West	22000
10.818	V	ETV6	22000
10.832	H	G49	22000
10.832	H	ITV1 Border	22000
10.832	H	ITV1 Central E	22000
10.832	H	ITV1 Central S	22000
10.832	H	ITV1 W Country	22000
10.832	H	ITV1 Wales	22000
10.832	H	ITV1 West	22000
10.832	H	ITVi Stream 2	22000
10.847	V	6945	22000
10.847	V	BBC 1 CI	22000
10.847	V	BBC 1 East (W)	22000
10.847	V	BBC HD	22000
10.862	H	DCT (t51)	22000
10.862	H	Disney Chnl	22000
10.862	H	Disney Chnl+1	22000
10.862	H	Disney Cine	22000
10.862	H	Disney Cine+1	22000
10.862	H	Play Disney	22000
10.862	H	Play Disney+	22000
10.862	H	ArrwRock	22000
10.862	H	Galaxy	22000
10.862	H	Heart	22000
10.862	H	LBC 97.3	22000
10.862	H	Oneword	22000
10.862	H	Real Radio	22000
10.862	H	Smooth	22000
10.862	H	talkSPORT	22000
●10.862	H	Vegas Cleopatra	22000
●10.862	H	Vegas Diamond Compas	22000
●10.862	H	Vegas Golden Doubloo	22000
●10.862	H	Vegas Roulette II	22000
10.862	H	Yarr	22000
●10.862	H	Vegas 3 Card poker	22000
●10.862	H	Vegas Blackjack	22000
●10.862	H	Vegas Caribbean Stud	22000
●10.877	V	1356	22000
●10.877	V	At The Races	22000
●10.877	V	FX+	22000
●10.877	V	Sky Real Lives	22000
●10.877	V	Sky Sports 2	22000
●10.877	V	Sky Travel	22000
●10.877	V	SkyRealLive+1	22000
●10.877	V	SkyRealLives2	22000
●10.877	V	Vegas Juicy Jackpot	22000
10.891	H	G53	22000
10.891	H	ITV1 BorderSco	22000
10.891	H	ITV1 Mer N	22000
10.891	H	ITV1 Mer SE	22000
10.891	H	ITV1 Meridian E	22000
10.891	H	ITV1 Meridian S	22000
10.891	H	ITV1 Yorks E	22000
10.891	H	ITV1 Yorks W	22000
10.906	V	G54	22000
10.906	V	ITV Channel Is	22000
10.906	V	ITV3	22000
10.906	V	ITV3+1	22000
10.906	V	stv	22000
10.906	V	UTV	22000
●10.921	H	Current TV	22000
●10.921	H	NDTV 24x7	22000
●10.935	V	1391	22000
●10.935	V	1392	22000
●10.935	V	1393	22000
●10.935	V	1394	22000
●10.935	V	1395	22000
●10.935	V	1396	22000
●10.935	V	1397	22000
●10.935	V	1398	22000
●10.935	V	1399	22000
●10.935	V	1471	22000
●10.935	V	1472	22000
●10.935	V	1473	22000
●10.935	V	1474	22000
●10.935	V	1475	22000
●10.935	V	1476	22000
●10.935	V	1477	22000
●10.935	V	1478	22000
●10.935	V	{Empty}	22000

EUB001KF

Freq Pol GHz		Channel Name	Symbol rate
11.222	H	DMAX+1	27500
11.222	H	CelebrityShop	27500
11.222	H	Chat Box	27500
●11.222	H	Clubland TV	27500
11.222	H	Fashion TV	27500
11.222	H	Get Lucky TV	27500
●11.222	H	JJB Golf	27500
11.222	H	ROCKWORLDTV	27500
●11.222	H	SupremeMastr	27500
11.222	H	UCB TV	27500
11.222	H	Urban TV	27500
11.222	H	Wonderful	27500
●11.222	H	YouPlay TV2	27500
11.222	H	Zone Reality X	27500
11.222	H	BFBS Radio	27500
11.222	H	Club Asia	27500
11.222	H	Sunrise	27500
●11.224	V	Nollywood	27500
11.224	V	Sahara Filmy	27500
11.224	V	Sahara One	27500
●11.224	V	AIT	27500
●11.224	V	jazeerachildren	27500
●11.224	V	movies4men 2	27500
●11.224	V	oMusic TV	27500
11.224	V	Pitch TV	27500
●11.224	V	Pitch World	27500
11.224	V	PTV Global	27500
●11.260	V	AAJ TAK	27500
●11.260	V	Audi Channel	27500
●11.260	V	Fight Network	27500
●11.260	V	Gospel Channel	27500
●11.260	V	Mana Telugu	27500
●11.260	V	Open Access	27500
●11.260	V	Open Access 2	27500
●11.260	V	Open Access 3	27500
●11.260	V	Over 18 TV	27500
●11.260	V	Passion TV	27500
●11.260	V	PitchGaming	27500
●11.260	V	SmartLive	27500
●11.260	V	Tease Me	27500
●11.261	H	Africa Channel	27500
●11.261	H	Channel 6	27500
●11.261	H	CNBC	27500
●11.261	H	DMAX	27500
●11.261	H	STAR Gold	27500
●11.261	H	STAR One	27500
●11.261	H	Business Chn'l	27500
●11.261	H	DM Digital	27500
●11.261	H	Gay Network	27500
●11.261	H	Max TV	27500
●11.261	H	SportxxxBabes	27500
●11.261	H	Thane Direct	27500
●11.261	H	Zone Horror	27500
●11.261	H	Zone Reality +1	27500
●11.261	H	Newstalk	27500
●11.261	H	Panjab Radio	27500
11.307	V	Aastha TV	27500
11.307	H	Bravo 2	27500
11.307	H	Challenge+1	27500
●11.307	V	DMAX+2	27500
11.307	H	LIVING	27500
11.307	V	Motors TV	27500
11.307	V	Nickelodeon	27500
11.307	H	Trouble +1	27500
11.307	H	Virgin 1	27500
11.307	H	Virgin 1+1	27500
11.307	V	XPLICIT XXX	27500
●11.307	V	BET	27500
11.307	V	Jewellery Ch.	27500
11.307	V	JJB Sports TV	27500
●11.307	H	JML	27500
11.307	H	propeller	27500
11.307	V	Simply Ideas	27500
11.307	V	TV Warehouse1	27500
11.307	H	Vinappris	27500
11.307	H	Premier	27500
11.343	V	ParaComedy2+	27500
11.343	V	Babestation	27500
11.343	V	Babeworld.tv	27500
●11.343	V	Baby Channel	27500
11.343	V	Fizz	27500
11.343	V	House Of Fun	27500
11.343	V	Lucky Star	27500
11.343	V	Mainstreet	27500
11.343	V	My Channel	27500
●11.343	V	NDTV Imagine	27500
11.343	V	Psychic TV	27500
11.343	V	Raj TV	27500
11.343	V	SA Direct	27500
11.343	V	Sumo TV	27500
11.343	V	ZoneRomantica	27500
●11.345	H	Animal Plnt+1	27500
●11.345	H	Disc.RT Extra	27500
●11.345	H	Disc.RT+1	27500
●11.345	H	Discovery+1.5	27500
●11.345	H	Nick Jr. 2	27500
●11.345	H	Bangla TV	27500
●11.345	H	Blue Kiss TV	27500
●11.345	H	DM Gold	27500
●11.345	H	Essex Babes	27500
●11.345	H	LivexxxBabes	27500
●11.345	H	Price Crash 2	27500
●11.345	H	Real Estate TV	27500
●11.345	H	Wedding TV	27500
●11.389	H	Nick Jr	27500
●11.389	H	channel U	27500
●11.389	H	Entrepreneur	27500
●11.389	H	Film24	27500
●11.389	H	Gems TV2	27500
●11.389	H	MATV National	27500
●11.389	H	Northern Birds	27500
●11.389	H	Performance	27500
●11.389	H	Sunrise TV	27500
●11.389	H	The Other Side	27500
●11.389	H	Travel Ch +1	27500
●11.390	V	Adult Channel	27500
●11.390	V	Climax3 - 1	27500
●11.390	V	Climax3 - 2	27500
●11.390	V	Climax3 - 3	27500
●11.390	V	movies24	27500
●11.390	V	movies24+	27500
●11.390	V	Playboy TV	27500
●11.390	V	psdtt	27500
●11.390	V	Spice Extreme	27500
●11.390	V	ARY Oneworld	27500
●11.390	V	Dating Channel	27500
●11.390	V	Playboy One	27500
●11.390	V	Amrit Bani	27500
●11.390	V	big L 1395	27500
●11.390	V	Caroline	27500
●11.390	V	CC Radio	27500
●11.390	V	Colourful	27500
●11.390	V	Desi Radio	27500
●11.390	V	DutchIntSv	27500
●11.390	V	Family Radio	27500
●11.390	V	Gaydarradio	27500
●11.390	V	InsightRadio	27500
●11.390	V	MOS Radio	27500
●11.390	V	Pulse Rated	27500
●11.390	V	Raaj Radio	27500
●11.390	V	Radio	27500
●11.390	V	Rainbow	27500
●11.390	V	Recordbrazil	27500
●11.390	V	RTE R1 Extra	27500
●11.390	V	Spectrum 1	27500
●11.390	V	Starpoint Radio	27500
●11.390	V	The Word	27500
●11.390	V	TWR	27500
●11.390	V	VIP Radio	27500
●11.390	V	Virgin Radio	27500
●11.390	V	Virgin105.8	27500
●11.390	V	VirginCRock	27500
●11.390	V	VirginGrve	27500
●11.390	V	VirginXtrme	27500
●11.390	V	WRN Europe	27500
●11.390	V	Yorkshire R	27500
11.426	V	Diva TV	27500
11.426	V	SouthForYou	27500
11.426	V	AAG	27500
11.426	V	ARY QTV	27500
11.426	V	Bloomberg	27500
11.426	V	DD-India	27500
11.426	V	GEO UK	27500
●11.426	V	Glory TV	27500
11.426	V	i Play TV	27500
11.426	V	KICC TV	27500
11.426	V	OBE	27500
●11.426	V	Screenshop2	27500
11.426	V	Venus TV	27500

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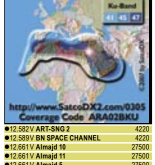
Freq Pol GHz		Channel Name	Symbol rate
11.469	H	{Empty}	27500
11.469	H	MMS 1	27500
11.469	H	MMS 2	27500
11.469	H	MMS 5	27500
11.469	H	MMS 6	27500
11.469	H	MMS 8	27500
11.469	H	TVEi	27500
11.469	H	{Empty}	27500
●11.469	H	Vegas House of Horro	27500
●11.469	H	Vegas Kung Fu Cash	27500
11.469	H	Directgov	27500
11.469	H	Sky Customer Service	27500
●11.469	H	Vegas Chamber of Gol	27500
11.488	V	Channel Punjab	27500
●11.488	V	ATN	27500
11.488	V	Channel 'S'	27500
11.488	V	Channel S NTV	27500
11.488	V	France 24	27500
●11.488	V	Genesis	27500
11.488	V	HappyHourGirls	27500
11.488	V	Info TV2	27500
11.488	V	revelation	27500
11.488	V	Tease Me 2	27500
11.508	H	FX+1	27500
11.508	H	Pub Channel	27500
11.508	H	1784	27500
●11.508	H	1787	27500
11.508	H	5ADT	27500
11.508	H	8N2	27500
11.508	H	9328	27500
11.508	H	EIA2 Test	27500
11.508	H	EIA2 Test 3	27500
11.508	H	EIA2 Test 4	27500
11.508	H	EIA2 Test 5	27500
11.508	H	EIA2 Test 6	27500
11.508	H	ISM Sky News v6	27500
11.508	H	ISM Sky One v6	27500
11.508	H	ISM Sports 1 v6	27500
11.508	H	ISM Test1 v5	27500
●11.508	H	Vegas Elvis	27500
11.527	V	ParaComedy 1	27500
11.527	V	Channel M	27500
●11.527	V	DD-News	27500
11.527	V	GayDateTV	27500
11.527	V	NHS t3	27500
11.527	V	NHS V1	27500
11.527	V	NHS V1t	27500
11.527	V	NHS V2	27500
11.527	V	NHS V2t	27500
11.527	V	Thomas Cook	27500
11.527	V	NHS A1	27500
11.527	V	NHS A2	27500
11.527	V	NHS Direct Interacti	27500
11.546	H	ARY Digital	27500
11.546	H	ParaComedy+1	27500
11.546	H	AVAGO (Cable)	27500
11.546	H	AvaTest	27500
11.546	H	cso	27500
11.546	H	cso T	27500
11.546	H	Faith	27500
11.546	H	Gala TV	27500
11.546	H	GEO News	27500
11.546	H	Home&Travel	27500
11.546	H	Shop on TV	27500
11.546	H	Wine TV	27500
●11.546	H	YouPlay TV	27500
11.565	V	E4	27500
●11.565	V	AbbeyDal	27500
●11.565	V	E-ON Dal	27500
11.565	V	Film DAL	27500
●11.565	V	IA Homes Dal	27500
11.565	V	Portal Video 6	27500
●11.565	V	Sky Games	27500
●11.565	V	South Park val	27500
11.565	V	Movie Quiz	27500
●11.565	V	Remote Control Look	27500
11.565	V	Sky Anytime Dal	27500
11.565	V	Camelot Test ABB	27500
11.565	V	Camelot Test Info	27500
11.565	V	Cinema Guide ABB	27500
11.565	V	KOOPID ABB	27500
11.565	V	LADBROKES ABB	27500
11.565	V	Local authority	27500
11.565	V	Sky Bet Channel Fou	27500
11.565	V	Sky Bet At The Races	27500
11.585	H	Arsenal TV	27500
11.585	H	LiverpoolFCTV	27500
11.585	H	NASN	27500
11.585	H	Racing UK	27500
11.585	H	Racing World	27500
11.585	H	Setanta Ireland	27500
11.585	H	Setanta Sports	27500
●11.604	V	Biography	27500
●11.604	V	History	27500
●11.604	V	History +1 hour	27500
●11.604	V	Sky Mdn Greats	27500
●11.604	V	Sky Prem+1	27500
●11.604	V	Games Slot 16	27500
●11.604	V	Games Slot 17	27500
●11.604	V	Games Slot 18	27500
●11.604	V	Games Slot 19	27500
●11.604	V	Games Slot 20	27500
●11.604	V	Games Slot 21	27500
●11.604	V	Games Slot 22	27500
●11.604	V	Wap Casino One	27500
11.623	H	BabyTV	27500
11.623	H	50849	27500
11.623	H	Abu Dhabi TV	27500
●11.623	H	Ape TV	27500
11.623	H	Bedroom TV	27500
11.623	H	Horse & Country	27500
●11.623	H	Live XXX	27500
11.623	H	PCNE Chinese	27500
11.623	H	PTV Prime	27500
11.623	H	Russia Today	27500
11.623	H	50850	27500
11.623	H	Heat	27500
11.623	H	InTune	27500
11.623	H	Kerrang	27500
11.623	H	Kiss	27500
11.623	H	Magic	27500
11.623	H	MOJO	27500
11.623	H	Moto	27500
11.623	H	Q	27500
11.623	H	Smash Hits!	27500
11.623	H	The Hits	27500
11.623	H	Wired Ocean	27500
11.642	V	Anime Central	27500
11.642	V	Bliss	27500
11.642	V	Chart Show TV	27500
11.642	V	Flaunt	27500
●11.642	V	Flava	27500
11.642	V	NME TV	27500
11.642	V	POP	27500
11.642	V	Pop +1	27500
11.642	V	PopGirl	27500
11.642	V	Scuzz	27500
11.642	V	The Vault	27500
11.642	V	Tiny Pop	27500
11.642	V	Tiny Pop +1	27500
11.642	V	True Movies	27500
11.642	V	True Movies 2	27500
11.662	H	ESPN Classic	27500
11.662	H	CCTV-9	27500
11.662	H	Inspiration	27500
11.662	H	Live Roulette	27500
11.662	H	LOVEWORLD TV	27500
11.662	H	mta-muslim tv	27500
11.662	H	Word Network	27500
11.662	H	Ladbrokes Roulette	27500
11.662	H	PlayJam Games	27500
11.662	H	Ladbrokes Betting &	27500
11.662	H	Ladbrokes Blackjack	27500
11.662	H	Ladbrokes test	27500
11.662	H	Ladbrokes Test APP3	27500
11.681	V	Extreme Sports	27500
11.681	V	Al Jazeera Eng	27500
11.681	V	FriendlyTV	27500
11.681	V	GOD Channel	27500
11.681	V	GOD Europe	27500
11.681	V	HollywoodTV	27500
11.681	V	Islam Channel	27500
11.681	V	Peace TV	27500
11.681	V	TBN Europe	27500

EUB001S2

Freq Pol GHz		Channel Name	Symbol rate
12.523	H	AIT Int'l	27500
12.523	H	BEN	27500
12.523	H	DAYSTAR	27500
12.523	H	EWTN	27500
12.523	V	Gems TV	27500
12.523	H	Information TV	27500
●12.523	V	JML Choice	27500
●12.523	V	JML Innovation	27500
●12.523	V	JML Solutions	27500
12.523	V	Life One	27500
●12.523	H	movies4men	27500
●12.523	H	movies4men+1	27500
12.523	V	Price Crash	27500
12.523	V	Reality TV.	27500
12.523	V	Record TV	27500
12.523	V	Stop + Shop	27500
12.523	V	TV SHOP	27500
12.523	V	TV Warehouse	27500
12.523	V	TVW Select	27500
12.523	V	Zone Reality	27500
12.523	V	Akash Radio	27500
12.523	V	Asian Gold	27500
12.523	V	Capital	27500
12.523	V	Choice FM	27500
12.523	V	Classic FM	27500
●12.523	H	EWTN	27500
12.523	V	FUN Radio	27500
12.523	V	Gold	27500
●12.523	V	Hot Digital	27500
12.523	V	Kismat	27500
12.523	V	Liberty	27500
12.523	V	Planet Rock	27500
12.523	H	RTI Radio	27500
12.523	V	Solar Radio	27500
12.523	V	Sukh Sagar	27500
12.523	V	theJazz	27500
12.523	V	UCB Bible	27500
12.523	V	UCB Insp	27500
12.523	V	UCB Talk	27500
12.523	V	UCB UK	27500
12.523	V	XFM	27500
●12.560	H	Arsenal Replay	27500
●12.560	H	BabyFirst	27500
●12.560	H	Celtic TV	27500
●12.560	H	Rangers TV	27500
●12.560	H	Setanta Golf	27500
●12.560	H	Setanta News	27500
●12.560	H	Setanta Sports1	27500
●12.560	H	Setanta Sports2	27500
●12.560	V	Best Direct	27500
●12.560	V	BestDirect+	27500
●12.560	V	Bubble Hits	27500
●12.560	V	EuroNews	27500
●12.560	V	fame TV	27500
●12.560	V	JML Lifestyle	27500
●12.560	V	O'seasproperty	27500
●12.560	V	Real Estate +1	27500
●12.560	V	Thomson TV	27500
●12.560	V	Travel Channel	27500
●12.560	V	TravelChannel2	27500
●12.560	V	Wedding TV+1	27500
●12.560	V	Zone Thriller	27500
●12.607	H	Rush HD	27500
●12.607	V	55300	27500
●12.607	V	55305	27500
●12.607	V	55315	27500
●12.607	V	55320	27500
12.607	H	Gay TV	27500
12.607	H	redhot 40+	27500
12.607	H	redhot amateur	27500
12.607	H	redhot dd	27500
12.607	H	redhot fetish	27500
12.607	H	redhot girl girl	27500
12.607	H	redhot just 18	27500
12.607	H	redhot raw	27500
12.607	H	redhot viewers	27500
12.607	H	Television X	27500
12.607	H	Television X 2	27500
12.607	H	Television X 3	27500
12.607	H	Television X4	27500
●12.607	V	55310	27500
12.643	H	Fantasy 1	27500
12.643	H	Fantasy 2	27500
12.643	H	Luxe TV	27500
12.643	H	Luxe TV HD	27500
12.643	H	Music India	27500
12.643	H	Noor TV	27500
12.643	H	PitchGaming2	27500
●12.643	H	Pulse	27500

ARABSAT 2B
30.5 East

ARA02BKU



Freq Pol GHz		Channel Name	Symbol rate
●12.582	V	ART-SNG 2	4220
●12.589	V	BN SPACE CHANNEL	4220
●12.661	V	Almajd 10	27500
●12.661	V	Almajd 11	27500
●12.661	V	Almajd 5	27500
●12.661	V	Almajd 6	27500
●12.661	V	Almajd 7	27500
●12.661	V	Almajd 8	27500
●12.661	V	Almajd 9	27500
●12.661	V	Feeds	27500
●12.661	V	Test	27500
●12.661	V	Almajd 1	27500

TV Digital
Radio Digital
Data Channel
TV Analog
Radio Analog

Freq GHz	Pol	Channel Name	Symbol rate
●12.661	V	Almajd 2	27500
●12.661	V	Almajd 3	27500
●12.661	V	Almajd 4	27500
●12.661	V	SWDL 072D	27500
12.740	V	OMAN TV SPECIAL	5084
12.740	V	OMAN TV CH1	5084
12.740	V	OMAN RADIO FEEDS	5084

INTELSAT 802/EUROBIRD 3
33.0 East

EUB003KA

Freq GHz	Pol	Channel Name	Symbol rate
11.175	H	Animal Planet	23600
11.175	H	GTV	23600
●11.175	H	Jetix	23600
11.175	H	Planeta	23600
11.175	H	Premium Digital	23600
11.175	H	ART Channel	23600
11.175	H	Estate	23600
11.175	H	FolklorTV	23600
11.175	H	Kanal 3	23600
11.175	H	MMTV	23600
11.175	H	SC Folk	23600
11.175	H	Zdrave	23600
11.472	H	EB3-A Linkstar Servi	27500
11.472	H	PCR	27500
11.554	H	EB3-A Linkstar Servi	27500
11.554	H	PCR	27500
11.598	H	EB3-D Linkstar Servi	27500
11.598	H	PCR	27500
11.650	V	Turf TV	10098
11.650	V	SSU1	10098
●11.685	H	DIGITURK INFO	17360
●11.685	H	KANAL A	17360
●11.685	H	SAUDI 1 TV	17360
11.685	H	Test453	17360
●11.685	H	ZDF	17360

EUB003KB

Freq GHz	Pol	Channel Name	Symbol rate
10.978	V	Test	5787
11.098	H	TV8 Mont Blanc	2441
11.110	H	FOX TURK	3124
11.140	V	MTV/MICK WALLONNE	4881
11.165	V	RETE ORO	1666
11.596	V	MAP TV	27500
11.596	V	Radio BNL	27500
●11.596	V	Radio Carrefour	27500
11.596	V	Radio GS	27500
11.596	V	EB3-B Linkstar Servi	27500
11.596	V	EB3-C-CTLPID	27500
11.596	V	PCR	27500

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Freq GHz	Pol	Channel Name	Symbol rate
●11.596	H	EB3-D Linkstar Servi	27500
●11.596	H	PCR	27500

Europe
EUTELSAT SESAT, W4
36.0 East

EUT0W4EU

Freq GHz	Pol	Channel Name	Symbol rate
12.175	L	TNV	4340
●12.207	R	EuroNews	27500
●12.207	R	Eurosport	27500
●12.207	R	Eurosport 2	27500
12.207	R	Hallmark	27500
●12.207	R	MGM Channel	27500
●12.207	R	NASN	27500
●12.207	R	National Geographic	27500
12.207	R	Nickelodeon	27500
●12.207	R	RBK-TV	27500
●12.207	R	Sport3	27500
●12.207	R	TCM-Cartoon Network	27500
●12.207	R	Test2	27500
●12.207	R	Travel Channel	27500
12.207	R	RUTV	27500
●12.226	L	Вести	27500
●12.226	L	ДТВ	27500
●12.226	L	Звезда	27500
●12.226	L	Культура	27500
●12.226	L	МузТВ	27500
●12.226	L	НТВ	27500
●12.226	L	Первый	27500
●12.226	L	Петербург 5 канал	27500
●12.226	L	Рен ТВ	27500
●12.226	L	Россия	27500
●12.226	L	Спорт	27500
12.226	L	ТВ3	27500
●12.226	L	ТВЦ	27500
●12.226	L	ТНТ	27500
●12.226	L	ТриколорТВ	27500
12.226	L	DRE	27500
12.245	R	BBC World	27500
12.245	R	Bloomberg	27500
●12.245	R	Eurosport 2	27500
●12.245	R	Nickelodeon	27500
12.245	R	Russia Today	27500
12.245	R	TV5	27500
12.245	R	World Fashion	27500
●12.245	R	Детский мир/Телеклуб	27500
12.245	R	Кинохит	27500
12.245	R	НТВ Мир	27500
12.245	R	Наше новое кино	27500
12.265	L	HD-Спорт	27500
12.265	L	HD-Life	27500
12.265	L	HD-Кино	27500
12.265	L	HD-ТЕСТ	27500
●12.265	L	010D010E20	27500
●12.265	L	EPG TEST	27500
●12.265	L	Имена групп каналов	27500
●12.303	L	Домашний	27500
●12.303	L	Зоо ТВ	27500
●12.303	L	Индия ТВ	27500
●12.303	L	Кинопоказ	27500
●12.303	L	СТС	27500
●12.303	L	ТВ3	27500
12.303	L	7TV	27500
12.303	L	A-ONE	27500
12.303	L	Bridge TV	27500
12.303	L	Style	27500
12.303	L	Союз	27500
●12.303	L	АВТОРАДИО	27500
12.303	L	Воскресение	27500
12.303	L	Новый день	27500
●12.303	L	Радио АЛЛА	27500
●12.303	L	ЭНЕРГИЯ	27500
●12.303	L	ЮМОР ФМ	27500
12.303	L	IP/DVB service1	27500
12.303	L	RMT_3/4_8MS	27500
●12.322	R	Спорт	27500
12.322	R	Blue Hustler	27500
●12.322	R	REN-TV	27500
12.322	R	Киноклуб	27500
●12.322	R	Кто есть кто	27500
●12.322	R	Наше кино	27500
12.322	R	Первый	27500
12.322	R	Премьера	27500
●12.322	R	Футбол	27500
12.322	R	Инфоканал	27500
●12.360	R	CNN International	27500
●12.360	R	Detskiy Mir-Teleclub	27500
12.360	R	Feed	27500
●12.360	R	Fenix-Art	27500
●12.360	R	Fox Crime	27500
●12.360	R	RTVi	27500
●12.360	R	Sport 4	27500
12.360	R	Test10	27500
●12.360	R	Test3	27500
●12.360	R	TRC KYIV	27500
●12.360	R	UT-1	27500
●12.360	R	O2TV	27500
●12.360	R	Pervyi muzykalnyi k	27500
12.360	R	Smash TV	27500
●12.380	L	365 дней ТВ	27500
12.380	L	Авто Плюс	27500
12.380	L	Боец ТВ	27500
●12.380	L	Закон-ТВ	27500
●12.380	L	Индия ТВ	27500
●12.380	L	Интересное ТВ	27500
●12.380	L	Комедия ТВ	27500
●12.380	L	Кухня ТВ	27500
●12.380	L	Ля-минор ТВ	27500
●12.380	L	МНОГОсерийное ТВ	27500
12.380	L	Ностальгия	27500
●12.380	L	Русская ночь	27500
●12.380	L	ТВ Бульвар	27500
12.399	R	24ДОК	27500
●12.399	R	Fashion TV Network	27500
12.399	R	MTV Russia	27500
12.399	R	Вести	27500
12.399	R	Звезда	27500
12.399	R	Киносоюз	27500
12.399	R	Культура	27500
12.399	R	НТВ	27500
12.399	R	Россия	27500
12.399	R	СТС-Москва	27500
12.399	R	Спас	27500
●12.399	R	Спорт on-line	27500
12.399	R	ТНТ	27500
12.399	R	Relax FM	27500
12.399	R	Эхо Москвы	27500
12.418	L	3 канал	27500
12.418	L	Rusiya Al-Yaum	27500
●12.418	L	TV SALE	27500
12.418	L	VH-1 Russia	27500
12.418	L	Бибигон	27500
12.418	L	Время: далекое и бли	27500
12.418	L	Дом Кино	27500
12.418	L	МИР	27500
12.418	L	Музыка Первого	27500
12.418	L	Первый МЕТЕО	27500
12.418	L	Первый канал. Всемир	27500
12.418	L	Петербург - 5 канал	27500
●12.418	L	РБК-ТВ	27500
●12.418	L	ТВЦ	27500
12.418	L	Теленяня	27500
●12.418	L	Радио Дети FM ТЕСТ	27500
●12.418	L	ТЕСТ 10	27500
●12.456	L	Animal Planet	27500
●12.456	L	Discovery	27500
12.456	L	Discovery Travel&Liv	27500
●12.456	L	Eurosport	27500
12.456	L	Hallmark	27500
12.456	L	Jetix	27500
12.456	L	Jetix Play	27500
●12.456	L	Mezzo (Muzzik)	27500
12.456	L	Music Box	27500
12.456	L	National Geographic	27500
●12.456	L	Zone Romantica	27500
12.456	L	ТДК	27500
12.476	R	Cartoon Network/TCM	27500
12.476	R	CNN International	27500
12.476	R	Discovery Civilisati	27500
12.476	R	Discovery Science	27500
12.476	R	Euronews	27500
12.476	R	Extreme Sports	27500
12.476	R	MCM	27500
12.476	R	MGM int.	27500
●12.476	R	MTV Dance	27500
12.476	R	Nat Geo Wild	27500
12.476	R	VH1 Classic	27500
12.476	R	Zone Reality	27500

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Freq GHz	Pol	Channel Name	Symbol rate
●11.142	H	Ang 1	30000
●11.142	H	Ang 2	30000
●11.142	H	CCE&F	30000
●11.142	H	Insp	30000
●11.142	H	KBCTV	30000
●11.142	H	KTN	30000
●11.142	H	NGwld	30000
●11.142	H	NTA_B	30000
●11.142	H	NTV	30000
●11.142	H	SMax	30000
●11.142	H	ZDF	30000
●11.142	H	CORO	30000
●11.142	H	IDHAA	30000
●11.142	H	KBCes	30000
●11.142	H	METRO	30000
●11.476	H	13RUE	29000
●11.476	H	Can+C	29000
●11.476	H	CineC	29000
●11.476	H	FR2	29000
●11.476	H	FR5	29000
●11.476	H	Fut (was Arte)	29000
●11.476	H	Plan	29000
●11.476	H	RTBF	29000
●11.476	H	RTL9	29000
●11.476	H	Sprt+	29000
●11.476	H	Tiji	29000
●11.476	H	TRACE	29000
●11.559	H	AXN	29000
●11.559	H	DsnyP	29000
●11.559	H	Globo	29000
●11.559	H	MTV P	29000
●11.559	H	NGeoP	29000
●11.559	H	RTNC	29000
●11.559	H	RTPa	29000
●11.559	H	SIC I	29000
●11.559	H	SIC N	29000
●11.559	H	TVC1	29000
●11.559	H	TVC2	29000
●11.559	H	TVMoz	29000
●11.559	H	TVRec	29000
●11.559	H	TVUga	29000
●11.559	H	Ant 1	29000
●12.190	L	365 дней	20000
●12.190	L	Автоплюс	20000
●12.190	L	Веселое ТВ	20000
●12.190	L	Дом Кино	20000
●12.190	L	Комедия ТВ	20000
●12.190	L	Мать и дитя	20000
●12.190	L	Много ТВ	20000
●12.190	L	Ночной Клуб	20000
●12.190	L	Ракета ТВ	20000
●12.190	L	Русская Ночь	20000
●12.190	L	Теленяня	20000
●12.190	L	Телепутешествия	20000
●12.283	R	5 канал (Украина)	27500
●12.283	R	CCTV4	27500
●12.283	R	CCTV9	27500
●12.283	R	ICTV	27500
●12.283	R	Время: далекое и бли	27500
●12.283	R	Мегаспорт	27500
●12.283	R	НТН	27500
●12.283	R	Парк развлечений	27500
●12.283	R	Первый канал. Всемир	27500
●12.283	R	РТР-Планета	27500
●12.283	R	Совершенно секретно	27500
●12.284	H	go	26480
●12.284	H	KAIDy	26480
●12.284	H	Mwld	26480
●12.284	H	NaGeo	26480
●12.284	H	SkyN	26480
●12.284	H	SS5	26480
●12.284	H	SS7	26480
●12.284	H	SSupd	26480
●12.284	H	Z D F	26480
●12.284	H	ZnRea	26480
●12.322	H	AJE	26480
●12.322	H	AnimP	26480
●12.322	H	Boom	26480
●12.322	H	FTV	26480
●12.322	H	HIST	26480
●12.322	H	Learn	26480
●12.322	H	Rhema	26480
●12.322	H	SS6	26480
●12.322	H	TCM	26480
●12.322	H	70s	26480
●12.322	H	AdulC	26480
●12.322	H	Afric	26480
●12.322	H	Beaut	26480
●12.322	H	CampR	26480
●12.322	H	ClasJ	26480
●12.322	H	ClasR	26480
●12.322	H	Contl	26480
●12.322	H	Dance	26480
●12.322	H	FrenC	26480
●12.322	H	Gospl	26480
●12.322	H	Htrax	26480
●12.322	H	LiteC	26480
●12.322	H	R'nR	26480
●12.322	H	Regga	26480
●12.322	H	SmthJ	26480
●12.322	H	SoftH	26480
●12.322	H	Symph	26480
●12.322	H	UBeat	26480
●12.322	H	Urban	26480
●12.322	H	Games	26480
●12.322	H	Guide	26480
●12.322	H	IPE	26480
●12.322	H	PVRgd	26480
●12.360	H	B4U	26480
●12.360	H	C+H	26480
●12.360	H	CN	26480
●12.360	H	CNN	26480
●12.360	H	E !	26480
●12.360	H	FR24	26480
●12.360	H	LCI	26480
●12.360	H	MTV	26480
●12.360	H	RTPi	26480
●12.360	H	TV5	26480
●12.360	H	CII	26480
●12.360	H	RFI	26480
●12.360	H	TAR	26480
●12.360	H	VOA	26480
●12.360	H	WRN	26480
●12.399	H	ESPN	26480
●12.399	H	EuroN	26480
●12.399	H	HallM	26480
●12.399	H	RAI	26480
●12.399	H	SET A	26480
●12.399	H	TF6	26480
●12.399	H	TSN	26480
●12.399	H	ZeeTV	26480
●12.399	H	BBC1	26480
●12.399	H	BBC2	26480
●12.399	H	BBC3	26480
●12.399	H	RAI R	26480
●12.399	H	Okapi	26480
●12.437	R	NBA TV	27500
●12.437	R	Муз ТВ	27500
●12.437	R	НСТ	27500
●12.437	R	Наш футбол	27500
●12.437	R	Ностальгия	27500
●12.437	R	РТР-Спорт	27500
●12.437	R	Русский Экстрим	27500
●12.437	R	Спорт Классика	27500
●12.437	R	Спорт Союз	27500
●12.437	R	Теннис	27500
●12.440	H	Actio	23437
●12.440	H	BBC P	23437
●12.440	H	BBC W	23437
●12.440	H	CRIME	23437
●12.440	H	Dsny	23437
●12.440	H	MNetE	23437
●12.440	H	Mstar	23437
●12.440	H	MTV B	23437
●12.440	H	OneG	23437
●12.440	H	SABCA	23437
●12.440	H	SS10	23437
●12.440	H	SS2	23437
●12.440	H	SSsel	23437
●12.440	H	ITest	23437
●12.440	H	DMove	23437
●12.476	H	AfMag	26040
●12.476	H	BBC F	26040
●12.476	H	ChO	26040
●12.476	H	Disc	26040
●12.476	H	MM1	26040
●12.476	H	MM2	26040
●12.476	H	MNetW	26040
●12.476	H	Serie	26040
●12.476	H	SS1	26040
●12.476	H	SS3	26040
●12.476	H	SSmax	26040
●12.476	H	TBN	26040
●12.476	H	OKSL	26040

Africa
EUTELSAT SESAT, W4
36.1 East

EUT0W4AF

Freq GHz	Pol	Channel Name	Symbol rate
11.476	H	13RUE	29000
11.476	H	Can+C	29000
11.476	H	CineC	29000
11.476	H	FR2	29000
11.476	H	FR5	29000
11.476	H	Fut (was Arte)	29000
11.476	H	Plan	29000
11.476	H	RTBF	29000
11.476	H	RTL9	29000
11.476	H	Sprt+	29000
11.476	H	Tiji	29000
11.476	H	TRACE	29000
11.559	H	AXN	29000
11.559	H	DsnyP	29000
11.559	H	Globo	29000
11.559	H	MTV P	29000
11.559	H	NGeoP	29000
11.559	H	RTNC	29000
11.559	H	RTPa	29000
11.559	H	SIC I	29000
11.559	H	SIC N	29000
11.559	H	TVC1	29000
11.559	H	TVC2	29000
11.559	H	TVMoz	29000
11.559	H	TVRec	29000
11.559	H	TVUga	29000
11.559	H	Ant 1	29000
12.284	H	go	26480
●12.284	H	Idols	26480
12.284	H	KAIDy	26480
●12.284	H	Mwld	26480
12.284	H	NaGeo	26480
12.284	H	SkyN	26480
12.284	H	SS5	26480
12.284	H	SS7	26480
12.284	H	SSupd	26480
12.284	H	ZnRea	26480
12.322	H	AJE	26480
12.322	H	AnimP	26480
12.322	H	Boom	26480
12.322	H	FTV	26480
●12.322	H	HIST	26480
12.322	H	Learn	26480
12.322	H	Rhema	26480
12.322	H	SS6	26480
12.322	H	TCM	26480
12.322	H	70s	26480
12.322	H	AdulC	26480
12.322	H	Afric	26480
12.322	H	Beaut	26480
12.322	H	CampR	26480
12.322	H	ClasJ	26480
12.322	H	ClasR	26480
12.322	H	Contl	26480
12.322	H	Dance	26480
12.322	H	FrenC	26480
12.322	H	Gospl	26480
12.322	H	Htrax	26480
12.322	H	LiteC	26480
12.322	H	R'nR	26480
12.322	H	Regga	26480
12.322	H	SmthJ	26480
12.322	H	SoftH	26480
12.322	H	Symph	26480
12.322	H	UBeat	26480
12.322	H	Urban	26480
12.322	H	Games	26480
12.322	H	Guide	26480
12.322	H	IPE	26480
12.322	H	PVRgd	26480
12.360	H	B4U	26480
12.360	H	C+H	26480
12.360	H	CN	26480
12.360	H	CNN	26480
12.360	H	E !	26480
12.360	H	FR24	26480
12.360	H	LCI	26480
12.360	H	MTV	26480
12.360	H	RTPi	26480
12.360	H	TV5	26480
12.360	H	CII	26480
12.360	H	RFI	26480
12.360	H	TAR	26480
12.360	H	VOA	26480
12.360	H	WRN	26480
12.399	H	ESPN	26480
12.399	H	EuroN	26480
12.399	H	HallM	26480
12.399	H	RAI	26480
12.399	H	SET A	26480
12.399	H	TF6	26480
12.399	H	TSN	26480
12.399	H	ZeeTV	26480
12.399	H	BBC1	26480
12.399	H	BBC2	26480
12.399	H	BBC3	26480
12.399	H	RAI R	26480
12.399	H	Okapi	26480
12.476	H	AfMag	26040
12.476	H	BBC F	26040
12.476	H	ChO	26040
12.476	H	Disc	26040
12.476	H	MM1	26040
12.476	H	MM2	26040
12.476	H	MNetW	26040
12.476	H	Serie	26040
12.476	H	SS1	26040
12.476	H	SS3	26040
12.476	H	SSmax	26040
12.476	H	TBN	26040
12.476	H	OKSL	26040

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Freq GHz	Pol	Channel Name	Symbol rate
●11.142	H	Ang 1	30000
●11.142	H	Ang 2	30000
●11.142	H	CCE&F	30000
●11.142	H	Insp	30000
●11.142	H	KBCTV	30000
●11.142	H	KTN	30000
●11.142	H	NGwld	30000
●11.142	H	NTA_B	30000
●11.142	H	NTV	30000
●11.142	H	SMax	30000
●11.142	H	ZDF	30000
●11.142	H	CORO	30000
●11.142	H	IDHAA	30000
●11.142	H	KBCes	30000
●11.142	H	METRO	30000
●12.440	H	Actio	23437
●12.440	H	BBC P	23437
●12.440	H	BBC W	23437
●12.440	H	CRIME	23437
●12.440	H	Dsny	23437
●12.440	H	MNetE	23437
●12.440	H	Mstar	23437
●12.440	H	MTV B	23437
●12.440	H	OneG	23437
●12.440	H	SABCA	23437
●12.440	H	SS10	23437
●12.440	H	SS2	23437
●12.440	H	SSsel	23437
●12.440	H	ITest	23437
●12.440	H	DMove	23437

C-Band: PAKSAT 1
38.0 East

PAK001CB

Freq GHz	Pol	Channel Name	Symbol rate
3.797	H	Geo Super	3000
● 3.876	H	PUNJAB TV	2165
3.879	H	Dtv	3333
● 3.888	H	PUNJAB TV	6200
● 3.888	H	STAR ASIA	6200
4.031	H	SUNBIZ	3255
4.055	H	Tandberg Service	3255
● 4.104	H	DIN NEWS	3000
4.115	H	METRO TV	3333
4.120	H	Indus Vision	3358
4.135	H	PTV.LAHORE PAK S	3255

PAK001CS

Freq GHz	Pol	Channel Name	Symbol rate
3.411	H	Virtual TV1	13000
3.411	H	Virtual TV2	13000
3.411	H	Virtual TV3	13000
3.411	H	Virtual TV4	13000
3.435	H	PTV Bolan	3255
3.815	H	G Kaboom	4666
3.815	H	MTV Pakistan tests	4666
3.864	H	Masala TV	3800
3.945	H	Play TV	4700
3.951	H	Haq	3240
3.968	H	ARY Shopping Channel	11481
3.968	H	Fashion TV	11481

Europe
HELLAS SAT 2
39.0 East

HEL002F1

Freq GHz	Pol	Channel Name	Symbol rate
12.524	H	Animal Planet	30000
12.524	H	bTV	30000
12.524	H	Diema	30000
12.524	H	Diema 2	30000
12.524	H	Discovery Channel	30000
12.524	H	HBO	30000
12.524	H	Kanal 1	30000
12.524	H	National Geographic	30000
12.524	H	Nova TV	30000
12.524	H	Private Spice	30000
12.524	H	TV7	30000
12.524	V	4E HELLAS ORTHODO	30000
12.524	V	902 TV	30000
12.524	V	CYPRUS SAT	30000
12.524	V	ERT world	30000
12.524	V	ESPERIA	30000
12.524	V	KANALI 10	30000
12.524	V	OPAP	30000
12.524	H	Planeta TV	30000
12.524	V	SGC-SGI PRESS ROO	30000
12.524	V	SKAI	30000
12.524	V	TELEASTY	30000
12.524	H	The Voice	30000
12.524	V	VOULI	30000
12.524	V	902 FM	30000
12.524	V	ANGEL RADIO	30000
12.524	V	ANT1	30000
12.524	V	ATHINA 9,84	30000
12.524	V	BEST 92,6	30000
12.524	V	CyBc A	30000
12.524	V	CyBc B	30000
12.524	V	DIAVLOS1	30000
12.524	V	EKK. ELLADOS	30000
12.524	V	ERT3 102 Makedonia	30000
12.524	V	EXTRA SPORT	30000
12.524	V	FLASH	30000
12.524	V	GALAXY	30000
12.524	V	HPEIROS 94,5	30000
12.524	V	John Greek	30000
12.524	V	Metropolis	30000
12.524	V	NITRO	30000
12.524	V	OASIS	30000
12.524	V	PEIRAIKI EKKLISIA	30000
12.524	V	Radio D.J	30000
12.524	V	RADIO THESSALONIK	30000
12.524	V	RADIOASTY	30000
12.524	V	RYTHMOS	30000
12.524	V	Sat Lux Radio	30000
12.524	V	SFERA	30000
12.524	V	SKAI RADIO	30000
12.524	V	SPORT FM	30000
12.524	V	TOP FM RODOS	30000
12.524	V	TRITO	30000
●12.524	H	DATAs	30000
12.524	V	INTERNET	30000
●12.556	H	BBT	13333
●12.556	H	CNN	13333
●12.556	H	Fashion TV	13333
●12.556	H	Folklor TV	13333
●12.556	H	Jetix	13333
●12.556	H	Perviy Kanal	13333
●12.556	H	Ring TV	13333
●12.556	H	RTVi	13333
●12.556	H	TV2	13333
●12.556	H	Zone Reality	13333
12.565	V	Acasa TV	30000
12.565	V	Antena 1	30000
12.565	V	Antena 2	30000
12.565	V	Antena 3	30000
12.565	V	AXN	30000
12.565	V	B1 TV	30000
12.565	V	Favorit TV	30000
12.565	V	Minimax/Anime	30000
12.565	V	N24	30000
12.565	V	National TV	30000
12.565	V	OTV	30000
12.565	V	Prima TV	30000
●12.565	V	PRO TV	30000
12.565	V	PRO TV INTL.	30000
12.565	V	Realitatea TV	30000
12.565	V	Sport.ro	30000
12.565	V	X-Dream TV	30000
12.574	H	BBC Prime	16640
●12.574	H	CNN/Horse Racing	16640
12.574	H	Eurosport	16640
12.574	H	Extra	16640
●12.574	H	Globe Documentaries	16640
●12.574	H	LTV	16640
●12.574	H	Sigma TV	16640
12.574	H	TCM/Cartoon Network	16640
12.574	H	ALFA	16640
12.574	H	Free-X TV	16640
12.574	H	Radio LGR	16640
12.606	H	Animal Planet	30000
12.606	H	AXN SCI FI	30000
12.606	H	Cinemax 2	30000
12.606	H	Discovery	30000
12.606	H	Euforia	30000
12.606	H	Eurosport 2	30000
12.606	H	HBO Comedy	30000
12.606	H	Kiss TV	30000
12.606	H	Money Channel	30000
12.606	H	Science	30000
●12.606	H	Sport Klub	30000
12.606	H	TVR 1	30000
12.606	H	TVR 2	30000
12.606	H	TVR Cultural	30000
12.606	H	VH 1 Classic	30000
12.647	H	Boomerang	30000
12.647	H	Discovery Civilizati	30000
12.647	H	Discovery Science	30000
12.647	H	Discovery Travel & L	30000
12.647	H	Eurocom BG	30000
12.647	H	Film Plus	30000
12.647	H	GTV	30000
●12.647	H	Hustler TV	30000
12.647	H	M Sat	30000
12.647	H	Super 7	30000
12.647	H	TV Bulgaria	30000
12.647	H	TV Evropa	30000
12.647	H	Zone Club	30000
12.647	H	Info Channel	30000
12.647	H	K8	30000
12.647	H	Kanal 3	30000
12.647	H	MM	30000
12.647	H	Planeta Folk TV	30000
12.647	H	Skat TV	30000
12.647	H	BG Radio	30000
12.647	H	Darik Radio	30000
12.647	H	NRJ	30000
12.647	H	radio Aurea	30000
12.647	H	radio Nova	30000
12.647	H	Retro Radio	30000
12.647	H	DATAs	30000
12.648	V	AXN CRIME	30000
12.648	V	Boomerang	30000
12.648	V	Cartoon Net/TCM	30000
12.648	V	Cartoon Network	30000
12.648	V	CNN Intern.	30000
12.648	V	Euronews	30000
12.648	V	Free-X TV	30000
12.648	V	Free-X TV 2	30000
12.648	V	Hallmark	30000
12.648	V	Kanal D	30000
12.648	V	MTV 2	30000
●12.648	V	MTV Dance	30000
12.648	V	MTV Romania	30000
12.648	V	Private Spice	30000
12.648	V	TCM	30000
12.648	V	Travel&Living	30000
12.688	H	AXN	30000
12.688	H	AXN Crime	30000
12.688	H	AXN Sci Fi	30000
12.688	V	Cinemax	30000
12.688	H	City TV	30000
12.688	V	Civilization	30000
12.688	H	Diema Family	30000
12.688	V	Eurosport	30000
12.688	H	Eurosport 2	30000
12.688	H	Explorer/Playboy TV	30000
12.688	V	Extreme Sports	30000
12.688	V	Fashion TV	30000
12.688	H	FOX Crime	30000
12.688	H	FOX Life	30000
12.688	H	Hallmark	30000
12.688	V	HBO	30000
12.688	H	HBO Comedy	30000
12.688	H	Hobby TV	30000
12.688	H	MTV Europe	30000
12.688	V	Nat. Geographic	30000
12.688	V	PRO Cinema	30000
12.688	V	TELESPORT	30000
12.688	V	TRACE	30000
12.688	V	Travel Channel	30000
12.688	H	TV1000	30000
●12.688	V	UTV	30000
12.688	V	VH 1	30000
12.688	H	VH1	30000
12.688	H	Viasat History	30000
12.688	V	Taraf	30000
12.688	H	radio Atlantic	30000
12.688	H	radio OMV	30000
12.688	H	radio Veselina E	30000
12.688	H	radio Veselina N	30000
12.688	H	radio Veselina W	30000
12.688	H	radio Vitosha E	30000
12.688	H	radio Vitosha W	30000
12.688	H	The Voice	30000
12.688	H	DATAs	30000
12.688	V	{Empty}	30000
12.734	V	Baby TV	30000
12.734	V	Jetix	30000
12.734	V	KidsCo	30000
12.734	V	Movies 24	30000
12.734	V	Nickelodeon	30000
●12.734	V	Trinitas TV	30000
12.734	V	TVRM	30000
12.734	V	[illegible]	30000
12.734	V	Etno	30000
12.734	V	Euro Channel	30000

HEL002F2

Freq GHz	Pol	Channel Name	Symbol rate
10.956	V	GNET	4123
10.956	V	MAD TV BULGARIA	4123
10.956	V	MAD RADIO	4123
11.037	V	PTV	5210
11.037	V	CNBC Europe	5210
11.135	V	Pgm1	1425
12.715	V	test	6654

HEL002ME

Freq GHz	Pol	Channel Name	Symbol rate
11.512	H	FEED	30000
11.512	H	HTH	30000
11.512	H	KDRTRK	30000
11.512	H	KRT	30000
11.512	H	KULTURA	30000
11.512	H	TV BITA	30000
11.512	H	UBK	30000
11.512	H	UTR	30000
11.512	H	ZAGRAVA	30000
11.512	H	RUI2	30000
11.512	H	StudioChocolate	30000
11.512	H	StudioChocolate_2	30000
11.512	H	UR1	30000
11.512	H	UR2	30000
11.512	H	UR3	30000

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Freq GHz	Pol	Channel Name	Symbol rate
●12.647	V	AXN CRIME	30000
●12.647	V	Boomerang	30000
●12.647	V	Cartoon Net/TCM	30000
●12.647	V	Cartoon Network	30000
●12.647	V	CNN Intern.	30000
●12.647	V	Euronews	30000
●12.647	V	Free-X TV	30000
●12.647	V	Free-X TV 2	30000
●12.647	V	Hallmark	30000
●12.647	V	Kanal D	30000
●12.647	V	MTV 2	30000
●12.647	V	MTV Dance	30000
●12.647	V	MTV Romania	30000
●12.647	V	Private Spice	30000
●12.647	V	TCM	30000
●12.647	V	Travel&Living	30000
●12.729	V	Baby TV	30000
●12.729	V	Jetix	30000
●12.729	V	KidsCo	30000
●12.729	V	Movies 24	30000
●12.729	V	Nickelodeon	30000
●12.729	V	Trinitas TV	30000
●12.729	V	TVRM	30000
●12.729	V	[illegible]	30000
●12.729	V	Etno	30000
●12.729	V	Euro Channel	30000

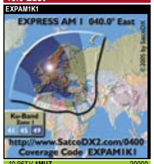
South Africa
HELLAS SAT 2
39.1 East

HEL002S1

Freq GHz	Pol	Channel Name	Symbol rate
12.524	H	Extreme Sports	30000
12.524	H	Audi	30000
12.524	H	Boogaloos	30000
12.524	H	BYU TV	30000
12.524	H	Catwalk Extreme	30000
12.524	V	Checkers Checkout	30000
12.524	V	Christian TV	30000
12.524	V	Education - Primary	30000
12.524	V	Education - Secondar	30000
12.524	V	Education - Tertiary	30000
12.524	H	Fashion TV	30000
12.524	V	iPop TV	30000
12.524	V	Juice TV	30000
12.524	V	Lesotho Tourism	30000
12.524	V	LG	30000
12.524	V	Movie channel	30000
12.524	H	Muslim TV	30000
12.524	H	Nissan	30000
12.524	V	Primi TV	30000
12.524	H	Rivers Church	30000
12.524	H	Salon TV - Hair	30000
12.524	H	Samsung	30000
12.524	H	Spar TV	30000
12.524	V	TWC Channel	30000
12.524	H	Xleague.TV	30000
12.524	H	Capitol Radio 604	30000
12.524	V	Radio 10	30000
12.524	V	Radio 2	30000
12.524	V	Radio 3	30000
12.524	V	Radio 4	30000
12.524	V	Radio 5	30000
12.524	V	Radio 6	30000
12.524	V	Radio 7	30000
12.524	V	Radio 8	30000
12.524	V	Radio 9	30000

EXPRESS AM1
40.0 East

EXPAM1K1



Freq GHz	Pol	Channel Name	Symbol rate
10.967	V	1MUZ	20000
10.967	V	5 Kanal	20000
10.967	V	7 TV	20000
10.967	V	Dom Kino	20000
10.967	V	Orbita-4	20000
10.967	V	Russia Double-4	20000
10.967	V	Telecafe	20000
10.967	V	Telenyanya	20000
10.967	V	TV Centr	20000
10.967	V	Vesti	20000
10.967	V	Vremya	20000
10.967	V	Radio Rossii D4	20000
10.967	V	Yunost	20000
10.995	V	1 Kanal	20000
10.995	V	5 Kanal	20000
10.995	V	Home	20000
10.995	V	Kultura	20000
10.995	V	MuzTV	20000
10.995	V	RTR Sport	20000
10.995	V	Russia	20000
10.995	V	STS	20000
10.995	V	TNT	20000
10.995	V	TNV	20000
10.995	V	TV Centr	20000
10.995	V	Love Radio	20000
10.995	V	Mayak	20000
10.995	V	Novy Vek	20000
10.995	V	Radio Kultura	20000
10.995	V	Radio Rossi	20000
11.097	H	TV	4000
11.097	H	FM	4000
11.159	V	SPACE TV AZERBAIJ	3333
●11.679	H	NNTV_plus_RIC	7596
●11.679	H	vesty_privolghe	7596

C-Band: EXPRESS AM1
40.1 East

EXPAM1C1

Freq GHz	Pol	Channel Name	Symbol rate
3.675	R	1kanalR+Mayak	33483
3.675	R	7TV_Podmoskov'e	33483
3.675	R	Dubl-4+RRD4	33483
3.675	R	Orbita-4R+Yunost	33483
● 3.675	R	Rossiya+RR	33483
3.675	R	Kultura+RVKultura	33483
3.675	R	Kultura-3	33483
3.675	R	Radio Al-10	33483
3.675	R	Radio Al-11	33483
3.675	R	Radio Al-3_Al-9	33483
3.675	R	Radio Al-8_Al-5	33483
3.675	R	Radio CH12	33483
3.675	R	Radio CH13	33483
3.675	R	Radio Kultura	33483
3.675	R	Radio Mayak	33483
3.675	R	Radio Rossii	33483
3.675	R	Radio RossiiD4	33483
3.675	R	Radio Yunost	33483
3.675	R	Data SMR_40	33483
3.740	R	GTRK VOLOGDA	3230
3.771	R	SCOPUS-NET-TECH	3330
3.865	R	RGVK-DAGESTAN	4000
3.873	R	VAYNAH TV	4340
4.059	R	GTRK ELISTA	3230
4.062	R	GTRK Volgograd TRV	2772
4.107	R	KRT	3215
4.112	R	GTRK-KURSK	4285
4.118	R	Tv43Region	3300
4.125	R	Planeta-1	3215
4.131	R	GTRK Kostroma	3219
4.135	R	GTRK Alania	3240
4.142	R	GTRK Orenburg	3219

TURKSAT 1C, 2A
42.0 East

TUR01CWB

Freq GHz	Pol	Channel Name	Symbol rate
●10.968	V	BRTK KKTC	4556
●10.981	V	D MAX	10800
●10.981	V	D PLUS	10800
●10.981	V	KIDSCO	10800
●10.981	V	LULI	10800
●10.981	V	TV DERSHANE	10800
●10.981	V	WORLD FASHION	10800
●10.981	V	CHAT TV	10800
●10.981	V	EUROSPORT PORTAL	10800
●10.981	V	iPORTAL	10800
11.007	V	OLAY TV & FM	2950
11.011	V	Service 1	2125
●11.015	V	FASHIONONE	2050
●11.018	V	AKSU TV	2150
●11.023	V	HABUR	4444
11.023	V	Dating TV	4444
11.023	V	Finest	4444
●11.029	V	TV 58	2400
11.136	V	ATA TV	2170
●11.143	V	BASKENT-AB TV	2200
11.159	V	RUMELI TV	2596
11.162	V	MPL TV	2222
11.162	V	MPL RADYO	2222
11.166	V	BENGUTURK TV	2960
11.177	V	VATAN TV	2200

TUR02AKE

Freq GHz	Pol	Channel Name	Symbol rate
●11.734	H	EAS PROMO	3291
●11.734	H	POLIS RADYOSU	3291
●11.739	H	KANALTÜRK	3125
●11.739	H	KANALTÜRK RADYO	3125
●11.743	H	TV NET	2222
●11.743	H	LALEGUL FM	2222
●11.748	H	KANAL 7	4444
11.748	H	RADYO 7	4444
●11.748	H	RADYO 7	4444
●11.753	H	AVRASYA TV	3000
●11.760	H	ALEM FM	5925
●11.760	H	SHOW TV	5925
11.775	H	ALJAZEER	2222
●11.794	H	STAR TV	5632
11.794	H	HOROSCOPE	5632
11.800	H	ANS GROUP	2400
11.892	H	CNBC-e	12800
11.892	H	e2	12800
11.892	H	NTV	12800
●11.892	H	NTV Spor	12800
●11.892	H	Capital Radio	12800
11.892	H	NTV Radyo	12800
11.892	H	Radyo Eksen	12800
11.905	H	KANAL D	6666
●11.905	H	SMART HITS	6666
●11.905	H	SMART JAZZ	6666
●11.905	H	SMART OLDIES	6666
●11.905	H	SMART ROCK	6666
●11.905	H	SMART SLOW	6666
●11.905	H	iRADYO_PORTAL	6666
11.905	H	RADYO D	6666
●11.905	H	{Empty}	6666
●11.912	H	AYNA TV	3333
●11.970	H	ANIMAL PLANET	17900
●11.970	H	CIVILISATION	17900
●11.970	H	CNN INTERNATIONAL	17900
●11.970	H	COMEDY SMART	17900
●11.970	H	DISCOVERY CHANNEL	17900
●11.970	H	EUROSPORT	17900
●11.970	H	MOVIE SMART	17900
●11.970	H	MOVIES 24	17900
●11.970	H	MOVIES 24 EROTICA	17900
●11.970	H	SCIENCE	17900
●11.970	H	TRAVEL & LIVING	17900
●11.970	H	FASHION TV	17900
●11.984	H	Nickelodeon	4000
●11.984	H	MTV TURKIYE	4000
12.002	H	atv	4800
●12.008	H	KANAL 1	4400
●12.008	H	..	4400
●12.008	H	RADY0 MARMARA	4400
●12.015	H	TGRT Haber	4800
●12.015	H	TGRT Pazarlama	4800
●12.015	H	TGRT FM	4800
●12.022	H	FOX	5380
●12.028	H	samanyolu.tv	4557
●12.028	H	Burc FM	4557
●12.028	H	Dunya Radyo	4557
●12.028	H	SHaber Radyo	4557
●12.127	H	BERAT	7400
●12.127	H	Blinko TV	7400
●12.127	H	Denge TV	7400
●12.127	H	Ekin TV	7400
●12.127	H	Esin TV	7400
●12.127	H	ILAN TV	7400
●12.127	H	iPlay	7400
●12.127	H	Kanal 6	7400
●12.135	H	ASTRO	3703
●12.135	H	FASIL	3703
●12.140	H	ALJAZEER	2222

TUR02AKW

Freq GHz	Pol	Channel Name	Symbol rate
11.712	V	SES TV	2963
●11.717	V	HILAL TV	2222
●11.717	V	GÖZYAŞI FM	2222
●11.717	V	SEYR FM	2222
●11.729	V	INTIMACY	15555
●11.729	V	JOJO	15555
●11.729	V	LIG TV	15555
●11.729	V	S'NEK	15555
●11.729	V	TÜRKMAX	15555
●11.729	V	İZ	15555
●11.729	V	MASAL RADYO	15555
●11.729	V	POWER FM	15555
●11.729	V	POWERTURK	15555
●11.729	V	TEST	15555
●11.729	V	CAM SW	15555
●11.729	V	HUMAX DOWNLOAD SV	15555
●11.729	V	test	15555
●11.729	V	VESTEL ZAP DOWNLO	15555
●11.743	V	CAY TV	2222
●11.753	V	24	3900
●11.757	V	CEM TV	2962
●11.757	V	CEM RADYO 96.4	2962
11.762	V	SU TV	2155
●11.766	V	KaradenizTV	2222
●11.766	V	KaradenizFM	2222
11.770	V	DTV	2177
11.773	V	Dost TV	2420
11.777	V	TGRT EU	3150
11.777	V	TGRT FM	3150
11.781	V	FOXTURK	2815
11.804	V	DA VINCI LEARNING	24444
●11.804	V	DREAM TV	24444
11.804	V	DREAM TÜRK	24444
11.804	V	PASSION TV	24444
11.804	V	BJK TV	24444
●11.804	V	CNN TÜRK	24444
11.804	V	EURO D	24444
11.804	V	EURO STAR	24444
11.804	V	FB TV	24444
11.804	V	FIX TV	24444
11.804	V	GS TV	24444
11.804	V	POWERTÜRK TV	24444
●11.804	V	TNT	24444
11.804	V	RADYO MODA	24444
11.804	V	BEST FM	24444
11.804	V	CNN TÜRK RADYO	24444
11.804	V	FENOMEN	24444
11.804	V	RADYO D	24444
11.804	V	SLOW TÜRK	24444
11.804	V	İSTANBUL FM	24444
11.804	V	EPG Dynamic Update	24444
11.804	V	{Empty}	24444
●11.830	V	TV 8	6666
11.839	V	TURKMEN TV	4444
11.846	V	TV5	3333
11.846	V	YenicagTV	3333
11.852	V	Akilli_TV	4444
11.852	V	Smart	4444
11.852	V	TARAFTAR_TV	4444
11.852	V	Z_TV	4444
●11.858	V	TATLISES TV	2400
11.867	V	KANAL B	4444
●11.874	V	MELTEM TV	3400
●11.874	V	ÖZLEM TV	3400
●11.874	V	MEDYA FM	3400
●11.874	V	Meltem Radyo	3400
●11.874	V	RADYO 2000	3400
●11.874	V	RADYO ILAC	3400
●11.877	V	KADIRGA TV	3750
●11.877	V	MARMARA TV	3750
●11.877	V	MESAJ TV	3750
●11.877	V	Meltem Radyo-2	3750
●11.882	V	BERAT EU	2965
●11.882	V	Kanal Avrupa	2965
●11.882	V	YURDUM HALAY	2965
11.887	V	Expo Channel TV	3333
11.887	V	TurkSpor TV	3333
●11.892	V	AVRASYA-TV	2960
11.892	V	Radyo *****	2960
11.896	V	SAMSUN AKS TV	2222
●11.919	V	TRT 1	24444
●11.919	V	TRT 2	24444
●11.919	V	TRT 3	24444
●11.919	V	TRT 4	24444
●11.919	V	TRT INT	24444
●11.919	V	Meteorolojinin Sesi	24444
●11.919	V	RADYO 1	24444
●11.919	V	RADYO 2 (TRT FM)	24444
●11.919	V	RADYO 3	24444
●11.919	V	RADYO 4	24444
●11.919	V	Radyo GAP	24444
●11.919	V	TSR Turkce	24444
●11.919	V	Turizm Radyosu	24444
●11.919	V	VOT East	24444
●11.919	V	VOT West	24444
●11.919	V	VOT World	24444
●11.940	V	TRT 1	24444
●11.940	V	TRT 2	24444
●11.940	V	TRT 3	24444
●11.940	V	TRT 4	24444
●11.940	V	TRT INT	24444
●11.940	V	Meteorolojinin Sesi	24444
●11.940	V	RADYO 1	24444
●11.940	V	RADYO 2 (TRT FM)	24444
●11.940	V	RADYO 3	24444
●11.940	V	RADYO 4	24444
●11.940	V	Radyo GAP	24444
●11.940	V	TSR Turkce	24444
●11.940	V	Turizm Radyosu	24444
●11.940	V	VOT East	24444
●11.940	V	VOT West	24444
●11.940	V	VOT World	24444
●11.951	V	MEHTAP TV	8800
●11.951	V	S HABER	8800
●11.951	V	SAMANYOLU TV	8800
●11.951	V	YUMURCAK TV	8800
●11.951	V	INTERCOM	8800
●11.951	V	AKRA FM	8800
●11.951	V	BURC FM	8800
●11.951	V	DUNYA RADIO	8800
●11.951	V	MARMARA FM	8800
●11.951	V	MORAL FM	8800
●11.951	V	RADYO 15	8800
●11.959	V	KIBRIS GENC TV	2960
●11.959	V	MMC TURK	2960
11.959	V	CYS FEED	2960
11.959	V	FIRST FM	2960
11.963	V	DOGU TV	2300
11.973	V	KONTV	2240
11.996	V	DEM TV	26000
11.996	V	DugunTV	26000
11.996	V	Genc TV	26000
11.996	V	GERCEK TV	26000
11.996	V	HAYAT TV	26000
11.996	V	KANAL T	26000
11.996	V	M-ON	26000
11.996	V	Manolya.TV	26000
11.996	V	MAVI KARADENIZ	26000
11.996	V	Ordu TV	26000
11.996	V	SPORTV	26000
11.996	V	Tempo TV	26000
11.996	V	TURKSHOP	26000
11.996	V	TURKSHOW	26000
●11.996	V	TV 5 Int	26000
●11.996	V	Yol TV	26000
11.996	V	Ekin Radyo	26000
11.996	V	KUPE FM	26000
11.996	V	Metro FM	26000
●11.996	V	RADYO SPOR	26000
●11.996	V	RADYO TATLISES	26000
11.996	V	RADYO TIME	26000
11.996	V	RADYOPINK	26000
●11.996	V	{Empty}	26000
11.996	V	OTA-DBC	26000
●12.126	V	HABER 7	6666
●12.126	V	KANAL7 INT	6666
●12.126	V	tvt	6666
●12.126	V	,,,,	6666
●12.126	V	;	6666
●12.126	V	RADYO M-R 7	6666
12.134	V	BUSINESS	3333
●12.140	V	EAS_PROMO	4444
●12.140	V	NUMBER ONE TV	4444
●12.140	V	NUMBER ONE FM	4444
●12.140	V	POLIS RADYOSU	4444
●12.140	V	RADYO KLAS	4444
●12.140	V	RADYO MYDONOSE	4444
12.692	H	AZAD AZERBAYCAN	2800

TUR02AS1

Freq GHz	Pol	Channel Name	Symbol rate
12.513	H	KANAL A	4400
12.513	H	Dunya Radyo	4400
12.513	H	Radyo A	4400
●12.519	H	SHOPPING	3125
12.524	H	SKYTURK	4250
12.530	H	SHOW TURK	4444
12.536	H	HALK TV	2962
12.540	H	EUROTURK	3125
12.540	H	MAX	3125
12.590	V	MZE & 1ST .	3000
●12.596	V	Rustavi 2	2500
12.605	V	georgian tv	2962
12.614	V	FLASH TV	3333
12.633	V	atv	4800
12.633	V	TURKC	4800
12.633	V	.	4800
12.633	V	RADIO CITY	4800
●12.636	H	Buket TV	4800
●12.636	H	Kral TV	4800
●12.636	H	Kral FM	4800
12.638	V	YENI ASIR TV	2400
●12.646	V	KACKAR TV	3332
●12.646	V	TEST	3332
●12.646	V	YILDIZ TV	3332
●12.646	V	KACKAR FM	3332
●12.646	V	RIZENIN SESI	3332
●12.646	V	TEST	3332
12.652	H	D SPOR	22500
12.652	H	D YEŞİLÇAM	22500
12.652	H	D ÇOCUK	22500
12.652	H	FANTASY	22500
12.652	H	LOCA1	22500
12.652	H	LOCA2	22500
●12.652	H	LOCA3	22500
12.652	H	D SHOPPING	22500
●12.652	H	D-SMART PROMO	22500
●12.652	H	KRAL TV	22500
12.652	H	T.A.Y. TV	22500
●12.652	H	YAŞAM TV	22500
12.652	H	GECE KUŞAĞI	22500
●12.661	V	DHA FEED	9150
●12.661	V	PEMBE SMART	9150
●12.661	V	iTVGAMETEST	9150
●12.661	V	iTVGAMETEST2	9150
●12.661	V	SMARTBAHIS	9150
●12.661	V	SMARTOYUN	9150
●12.661	V	SMARTOYUN_OYUNLAR	9150
●12.661	V	VIDEO GAMES	9150
●12.661	V	VIDEO_GAMES_OYUNL	9150
●12.673	H	KANAL 67	2222
12.680	H	Cine5	8888
12.680	H	Gala	8888
12.680	H	Supersport	8888
12.680	H	Viva	8888
12.680	H	.	8888
12.680	H	Nostalji TURK	8888
12.680	H	Radyo Viva	8888
12.680	H	Radyo5	8888
12.680	H	Show Radyo	8888
●12.688	H	A Plus Extra	2400
12.688	H	A Plus Live	2400
12.688	H	Kanal Market	2400
●12.696	H	KRAL KARADENIZ	2222
12.699	H	EGE TV	2400
12.702	H	ULUSAL TV	2285
12.702	H	YON FM	2285
12.717	V	NBA TV	5925
12.717	V	NTV BATI	5925
12.717	V	87.7	5925
12.717	V	Intercomm	5925
12.717	V	N 101	5925
12.731	V	EAS PROMO	3333

TURKSAT 2A
42.1 East

EAS001KE

Freq GHz	Pol	Channel Name	Symbol rate
11.733	H	Eurasiasat promo	3291
11.733	H	Polis Radyosu	3291
11.757	V	Avrasya-ANK	2960
11.757	V	CEM TV	2960
11.757	V	CEM RADYO 96.4	2960
11.759	H	Show TV	5925
11.763	V	SU TV	2155
11.788	H	Palestine Channel	2892
11.794	H	STAR TV	5632
11.794	H	Game Portal	5632
11.794	H	HOROSCOPE	5632
11.794	H	MEMORY	5632
11.800	H	ANS TV	2400
11.800	H	ANS Ch.M.	2400
11.820	H	Avrasya TV	3000
11.820	H	Avrasya FM	3000
11.892	H	NBA TV	12800
11.892	H	CNBC-e	12800
11.892	H	e2	12800
11.892	H	NTV	12800
11.892	H	N 101	12800
11.892	H	NTV Radyo	12800
11.892	H	Radyo Eksen	12800
11.892	H	Rokket FM	12800
11.905	H	KANAL D	6666
11.905	H	Kanal D	6666
11.905	H	IFB&TEK1	6666
11.905	H	IFB&TEK2	6666
11.905	H	IFB&TEK3	6666
11.905	H	IFB&TEK4	6666
11.905	H	iPORTAL	6666
11.905	H	Radio Time	6666
11.905	H	Radyo D	6666
11.905	H	RADYO D	6666
11.905	H	BACKGAMMON	6666
11.905	H	OPERATION OCTOPUS	6666
11.912	H	Ayna TV	3332
11.977	H	CNBC-E	27500
11.977	H	DISCOVERY	27500
11.977	H	NBA	27500
11.977	H	NICKELODEON	27500
11.977	H	NTV	27500
11.977	H	KANAL 7	27500
11.977	H	NR1	27500
12.002	H	ATV Turkiye	4800
12.008	H	Kanal 1	4400
12.008	H	Turk C	4400
12.017	H	TGRT	8150
12.017	H	TGRT Haber TV	8150
12.017	H	TGRT Pazarlama TV	8150
12.017	H	Blank audio channel	8150
12.017	H	TGRT FM	8150
12.028	H	Samanyolu TV	4557
12.028	H	Audio tests	4557
12.028	H	Burc FM	4557
12.028	H	Dunya Radyo	4557

EAS001KW

Freq GHz	Pol	Channel Name	Symbol rate
11.712	V	SES TV	2963
11.717	V	HILAL TV	2222
11.717	V	GÖZYAŞI FM	2222
11.727	V	ELMAX	15555
11.727	V	INTIMACY	15555
11.727	V	KANAL 1.	15555
11.727	V	LIG TV	15555
11.727	V	RETROMAX	15555
11.727	V	S'NEK	15555
11.727	V	TÜRKMAX	15555
11.727	V	İZ	15555
11.727	V	JOJO	15555
11.727	V	SHOWROOM	15555
11.727	V	MASAL RADYO	15555
11.727	V	POWER FM	15555
11.727	V	POWERTURK	15555
11.727	V	TEST	15555
11.727	V	CAM SW	15555
11.727	V	HUMAX DOWNLOAD SV	15555
11.727	V	VESTEL ZAP DOWNLO	15555
11.743	V	CAY TV	2222
11.765	V	KaradenizTV	2177
11.765	V	SU TV	2177
11.765	V	KaradenizFM	2177
11.765	V	MÜJDEFM EGE	2177
11.765	V	Radyo EKÝN	2177
11.765	V	RADYO VATAN	2177
11.773	V	Dost TV	2420
11.773	V	Dost FM	2420
11.779	V	Manolya TV	6250
11.779	V	TEST	6250
11.779	V	TGRT EU	6250
11.779	V	TGRT FM	6250
11.779	V	FIKIRSHOW	6250
11.779	V	MANOLYA	6250
11.779	V	TGRT EU	6250
11.779	V	TGRT FM	6250
11.804	V	DHA FEED	24444
11.804	V	MOVIE SMART	24444
11.804	V	PASSION TV	24444
11.804	V	BJK TV	24444
11.804	V	CNN TURK	24444
11.804	V	CNN TÜRK	24444
11.804	V	DHA FEED	24444
11.804	V	DREAM TURK	24444
11.804	V	DREAM TV	24444
11.804	V	DREAM TÜRK	24444
11.804	V	EURO D	24444
11.804	V	EURO STAR	24444

The Full Chart with the most up-to-date channel data is available exclusively for TELE-satellite readers from SatcoDX's CD "World of Satellites"
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Freq GHz	Pol	Channel Name	Symbol rate
11.804	V	FB TV	24444
11.804	V	FIX TV	24444
11.804	V	GS TV	24444
11.804	V	MAX TV	24444
11.804	V	MMC Euroturk	24444
11.804	V	POWERTURK TV	24444
11.804	V	POWERTÜRK TV	24444
11.804	V	IFB-TEK 1 V POL	24444
11.804	V	IFB-TEK 2 V POL	24444
11.804	V	IFB-TEK 3 V POL	24444
11.804	V	IFB-TEK 4 V POL	24444
11.804	V	RADIO TEST	24444
11.804	V	BEST FM	24444
11.804	V	CNN TURK RADIO	24444
11.804	V	CNN TÜRK RADYO	24444
11.804	V	FENOMEN	24444
11.804	V	istanbul FM	24444
11.804	V	POWER XL	24444
11.804	V	RADYO D	24444
11.804	V	RADYO TIME	24444
11.804	V	SLOW TURK	24444
11.804	V	SLOW TÜRK	24444
11.804	V	İSTANBUL FM	24444
11.804	V	{Empty}	24444
11.839	V	TURKMEN TV	4444
11.846	V	TV5	3333
11.852	V	MaviAkdeniz	4444
11.852	V	S TEST	4444
11.852	V	Smart	4444
11.857	V	Tatlises TV	2400
11.867	V	KANAL B	4444
11.874	V	Meltem TV	3400
11.874	V	FM	3400
11.874	V	Meltem Radyo	3400
11.874	V	Radyo	3400
11.874	V	Radyo Ilac	3400
11.877	V	mesaj tv	2598
11.882	V	KANAL AVRUPA	2965
11.887	V	T------ S-----	3333
11.892	V	Avrasya-ANK	2960
11.892	V	Radyo BANKO	2960
11.923	V	TRT 1	24440
11.923	V	TRT 2	24440
11.923	V	TRT 3	24440
11.923	V	TRT 4	24440
11.923	V	TRT INT	24440
11.923	V	Audio Test Tone	24440
11.923	V	Meteorolojinin Sesi	24440
11.923	V	RADYO 1	24440
11.923	V	RADYO 2 (TRT FM)	24440
11.923	V	RADYO 3	24440
11.923	V	RADYO 4	24440
11.923	V	Radyo GAP	24440
11.923	V	TSR Turkce	24440
11.923	V	Turizm Radyosu	24440
11.923	V	VOT East	24440
11.923	V	VOT West	24440
11.923	V	VOT World	24440
11.945	V	TD 1	2960
11.952	V	MEHTAP TV	8800
11.952	V	S HABER	8800
11.952	V	SAMANYOLU TV	8800
11.952	V	YUMURCAK TV	8800
11.952	V	INTERCOM	8800
11.952	V	AKRA FM	8800
11.952	V	BURC FM	8800
11.952	V	DUNYA RADIO	8800
11.952	V	MARMARA FM	8800
11.952	V	MORAL FM	8800
11.952	V	RADYO 15	8800
11.959	V	KIBRIS GENC TV	2960
11.959	V	CYS FEED	2960
11.959	V	FIRST FM	2960
11.963	V	DOGU TV	2300
11.970	V	Test	4340
11.973	V	KONTV	2239
11.996	V	Ask TV	26000
11.996	V	Box TV	26000
11.996	V	cips tv	26000
11.996	V	DugunTV	26000
11.996	V	KanalC	26000
11.996	V	KARE	26000
11.996	V	Mavi Karadeniz	26000
11.996	V	ORDU TV	26000
11.996	V	TShop	26000
11.996	V	TurkDugun	26000
11.996	V	TurkShop	26000
11.996	V	TurkShow	26000
11.996	V	ASK FM	26000
11.996	V	KUPE FM	26000
11.996	V	Mujde Akdeniz	26000
11.996	V	Mujde Ege	26000
11.996	V	Ozgur Radyo Ankara	26000
11.996	V	RADYO	26000
11.996	V	RADYO SAHIN	26000
11.996	V	Radyo Spor	26000
11.996	V	Radyo TATLISES	26000
11.996	V	Radyo Time	26000
11.996	V	Radyo Vatan	26000
12.126	V	HABER 7	6665
12.126	V	KANAL7 INT	6665
12.126	V	tvt	6665
12.126	V	;	6665
12.126	V	ISTANBULUN SESI	6665
12.126	V	RADYO M-R 7	6665
12.134	V	BUSINESS CH	3333
12.141	V	EAS PROMO	4442
12.141	V	NUMBER ONE TV TES	4442
12.141	V	TURKSAT TEST 2	4442
12.141	V	NUMBER ONE FM	4442
12.141	V	RADYO KLAS	4442
12.141	V	RADYO MYDONOSE	4442
12.506	V	Babe TV	2222
12.506	V	Gunizi TV	2222
12.506	V	Private TV	2222

EAS001S1

Freq GHz	Pol	Channel Name	Symbol rate
12.513	H	Kanal A	4444
12.513	H	Test	4444
12.518	H	SHOPPING	3125
12.518	H	Shopping TV	3125
12.524	H	SKYTURK	4250
12.530	H	SHOW TURK	4444
12.535	H	HALK TV	2962
12.540	H	EUROTURK.	3125
12.590	V	LIFE CHANNEL	3002
12.595	V	Rustavi 2	2500
12.605	V	Georgian TV	2962
12.605	V	GEORGIAN TV	2962
12.608	V	IMEDI TV	3700
12.614	V	CLUB	3003
12.614	V	EUROPE	3003
12.614	V	GEORGIAN TV	3003
12.614	V	RED	3003
12.614	V	SHE	3003
12.620	V	ARKADAS TV	6161
12.620	V	CANLI SHOBET TV	6161
12.620	V	CEP MELODI-SMS TV	6161
12.620	V	God	6161
12.620	V	GOD UK	6161
12.620	V	Satmedia tv	6161
12.620	V	VIC TV Promo	6161
12.620	V	VICTV Promo	6161
12.620	V	Cross Rhythms	6161
12.633	V	FEED	4800
12.633	V	atv	4800
12.633	V	.	4800
12.633	V	Marmara Radyo	4800
12.633	V	RADIO CITY	4800
12.638	V	TURK C	2300
12.649	V	test	6666
12.652	H	FANTASY	22500
12.652	H	LOCA1	22500
12.652	H	LOCA2	22500
12.652	H	LULİ	22500
12.652	H	D COCUK	22500
12.652	H	D MAX	22500
12.652	H	D PLUS	22500
12.652	H	D SHOPPING	22500
12.652	H	D SINEMAX	22500
12.652	H	D SPOR	22500
12.652	H	D YESiLCAM	22500
12.652	H	D YEŞİLÇAM	22500
12.652	H	D ÇOCUK	22500
12.652	H	EMLAK TV	22500
12.652	H	HABERTURK	22500
12.652	H	KRAL TV	22500
12.652	H	MOVIE SMART 2	22500
12.652	H	T.A.Y. TV	22500
12.652	H	test2	22500
12.652	H	KRAL FM	22500
12.652	H	METRO FM	22500
12.652	H	RADYO HABERTURK	22500
12.652	H	SUPER FM	22500
12.652	H	LOCA PORTAL	22500
12.665	V	teknoloji tv	2344
12.665	V	Teknoloji TV	2344
12.680	H	Cine5	8888
12.680	H	Gala	8888
12.680	H	Halay TV	8888
12.680	H	Supersport	8888
12.680	H	Viva	8888
12.680	H	Radyo Nostalji	8888
12.680	H	Radyo Viva	8888
12.680	H	Radyo5	8888
12.680	H	Show Radyo	8888
12.688	H	Kanal 6	2400
12.692	H	AZAD AZERBAYCAN	2800
12.695	H	Nur TV	2285
12.695	H	Nur Radio	2285
12.699	H	Ege TV	2400
12.699	H	Radio Ege	2400
12.702	H	ULUSAL TV	2285
12.702	H	YON FM	2285
12.706	H	Ey TV Antalya	2400
12.706	H	Ey FM Antalya	2400
12.715	V	NTV Int	2965
12.719	V	Olay TV	2950
12.733	V	EAS_PROMO	3333

South Africa
INTELSAT 12
45.0 East

INT012SA

Freq GHz	Pol	Channel Name	Symbol rate
●11.452	H	Asianet	3254
●11.452	H	TELEMEDIA TELEPOR	3254
11.461	H	Skytrain	5926
11.461	H	Spare	5926
11.470	H	URBAN_BREW 2_	2894
●11.483	H	TADIRAN SCOPUS	3100

India
INTELSAT 12
45.1 East

INT012IN

Freq GHz	Pol	Channel Name	Symbol rate
11.468	V	Cartoon Network	27680
●11.468	V	Channel C	27680
11.468	V	Derana	27680
●11.468	V	Eye/Nethra	27680
11.468	V	God TV	27680
11.468	V	ITN	27680
11.468	V	MTV	27680
11.468	V	NEO Sports Plus	27680
11.468	V	Nickelodeon	27680
11.468	V	POGO	27680
●11.468	V	Ranaroo	27680
11.468	V	Rupavahini	27680
●11.468	V	Shruthi	27680
11.468	V	Star Cricket	27680
11.468	V	Swarnawahini	27680
11.468	V	TNL	27680
11.468	V	VH1	27680
11.468	V	Zee Sports	27680
11.468	V	Islam channel	27680
11.468	V	The Buddhist	27680
11.509	V	CNBC-ISLAMABAD	1955
●11.591	V	Al Jazeera	27689
●11.591	V	AXN	27689
●11.591	V	BBC World	27689
●11.591	V	CineMax	27689
●11.591	V	CNN	27689
●11.591	V	Hallmark	27689
●11.591	V	HBO	27689
●11.591	V	HBO Family	27689
●11.591	V	HBO Hits	27689
●11.591	V	HBO Signature	27689
●11.591	V	NDTV	27689
●11.591	V	Set MAX	27689
●11.591	V	Star Movies	27689
●11.591	V	Star Vijay	27689
●11.591	V	Star World	27689
●11.591	V	TBO	27689
●11.591	V	Zee Cinema	27689
●11.591	V	Zee Studio	27689
●11.591	V	Code Download	27689
11.673	V	Animal Planet	27680
11.673	V	AustraliaNetwork	27680
11.673	V	CiTi Hitz	27680
11.673	V	Discovery	27680
11.673	V	ESPN	27680
11.673	V	History	27680
11.673	V	NatGEO	27680
11.673	V	NatGEO Adventure	27680
11.673	V	Neo Sports	27680
11.673	V	SET	27680
11.673	V	Star Plus	27680
11.673	V	Star Sports	27680
11.673	V	Ten Sports	27680
11.673	V	Travel & Living	27680
11.673	V	Zee Cafe	27680
11.673	V	Zee Trendz	27680
11.673	V	Zee TV	27680
11.673	V	Zone Reality	27680
12.707	V	Control	3618
12.707	V	Data	3618
12.707	V	PCR	3618

Europe
INTELSAT 12
45.2 East

INT012KE

Freq GHz	Pol	Channel Name	Symbol rate
11.550	V	Bridge TV	27500
●11.550	V	ESPN	27500
11.550	V	Feniks-Art	27500
●11.550	V	Israel + Russia	27500
●11.550	V	MEZZO	27500
11.550	V	Sarafan	27500
●11.550	V	Travel Channel	27500
●11.550	V	TV Centr Internation	27500
●11.550	V	TV XXI	27500
●11.550	V	WorldMadeChannel	27500
●11.550	V	Doroznoe Radio	27500
11.590	V	Discovery HD	30000
11.590	V	Discovery HD Polish	30000
11.590	V	Disc Iberia Por	30000
11.590	V	Disc Iberia Sp	30000
11.590	V	Disc Iberia Sp Por	30000
11.590	V	Discovery Historia	30000
11.590	V	Discovery Hungary	30000
11.590	V	Discovery Russia	30000

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Freq GHz	Pol	Channel Name	Symbol rate
●11.591	V	Discovery HD	30000
●11.591	V	Discovery HD Polish	30000
●11.591	V	Disc Iberia Por	30000
●11.591	V	Disc Iberia Sp	30000
●11.591	V	Disc Iberia Sp Por	30000
●11.591	V	Discovery Historia	30000
●11.591	V	Discovery Hungary	30000
●11.591	V	Discovery Russia	30000

C-Band: YAMAL 202
49.0 East

YAM202CB

Freq GHz	Pol	Channel Name	Symbol rate
● 3.585	L	TURA_TV	3215
3.597	L	TV ZVEZDA + 2	2895
3.706	L	PLANETA SPORT	15550
3.706	L	rentv0	15550
3.706	L	rentv2	15550
3.706	L	RIK	15550
3.706	L	RTR PLANETA	15550
3.740	L	Rusiya Al-Yaum	38000
3.740	L	Russia Today	38000
3.740	L	D1-1	38000
3.740	L	D1-10	38000
3.740	L	D1-11	38000
3.740	L	D1-12	38000
3.740	L	D1-13	38000
3.740	L	D1-14	38000
3.740	L	D1-15	38000
3.740	L	D1-16	38000
3.740	L	D1-2	38000
3.740	L	D1-3	38000
3.740	L	D1-4	38000
3.740	L	D1-5	38000
3.740	L	D1-6	38000
3.740	L	D1-7	38000
3.740	L	D1-8	38000
3.740	L	D1-9	38000
● 3.793	L	NOVY VEK	1800
● 3.909	L	VTC YAMAL	1356

Freq GHz	Pol	Channel Name	Symbol rate
3.940	L	RTR+Pomor'e	7500
3.940	L	TVS_Severnaya Dvina	7500
3.945	L	JAYA TV	1555
3.948	L	PRIME SPORTS	2220
● 3.953	L	DAN TV	4500
3.953	L	TVLanka 2	4500
3.953	L	TVL Radio	4500
3.961	L	RTR+REGION TYUMEN	8570
3.961	L	TYUMEN TIME	8570
3.970	L	GTRK Yamal	4275
3.977	L	TYMEN-YGORIA TV	4285
3.982	L	TV KOMI	4285
● 3.987	L	TV-UNIVERSITET	2150
4.068	L	Feed (FEED-1)	29755
4.068	L	Feed (FEED-2)	29755
4.068	L	Feed (ts)	29755

EXPRESS AM22/SESAT 2
53.0 East

EXPA22K1

Freq GHz	Pol	Channel Name	Symbol rate
11.682	V	Limar TV	5000
11.682	V	Tolo TV	5000

EXPA22K2

Freq GHz	Pol	Channel Name	Symbol rate
10.974	H	5 Channel	8150
10.974	H	DVB-RCS Data	8150
11.022	H	SGU Internet	8888
11.031	H	CTPAHA COBETOB	3750
11.044	V	1-Muz BY	44950
11.044	V	CTC+0	44950
11.044	V	CTC+2	44950
11.044	V	Domashny+0	44950
11.044	V	Domashny+2	44950
11.044	V	FNS	44950
11.044	V	MuzTV+Love	44950
11.044	V	World Music Channel	44950
11.044	V	Love Radio	44950
11.044	V	Radio CH50	44950
11.044	V	Radio CH51	44950
11.044	V	Radio CH52	44950
11.044	V	Radio CH53	44950
11.044	V	Radio Max	44950
11.044	V	DATA CTC	44950
11.095	V	NTN	6400
11.095	V	UTR	6400
11.095	V	RUI2	6400
11.095	V	UR1	6400
11.124	V	Data services	7590
11.161	V	STV	5785
11.161	V	Belarus-TV	5785
11.616	V	Allibiya Satellite C	2892
12.631	V	ASHUR TV	2530
●12.632	H	SALAM TV	2170
12.637	H	Al Masar	2532
12.639	V	AL RAI 1B	2892
12.639	V	TV	2892
12.652	H	Al-Mosullia	2532
●12.664	V	ART-Feed	30000
●12.664	V	CH1-SCR	30000
●12.664	V	CH2-SCR	30000
12.664	V	ERTU	30000
●12.664	V	Feed-2	30000
●12.664	V	JSC-Feed	30000
12.664	V	OrbitLine1	30000
12.664	V	OrbitLine2	30000
12.664	V	OrbitLine3	30000
●12.664	V	Al-Majd Feed	30000
●12.664	V	CH5	30000
●12.664	V	CH8	30000
●12.664	V	ESCA	30000
●12.664	V	Feed-4	30000
●12.664	V	N DRAMA	30000
●12.664	V	HolyQuran Radio	30000
12.741	H	ERTU	7086
12.741	H	Ch-4	7086
12.741	H	Service 2	7086
12.741	H	test-e	7086

EXPRESS AM22/SESAT 2
53.1 East

EXPA22K1

Freq GHz	Pol	Channel Name	Symbol rate
11.682	V	Limar TV	5000
11.682	V	Tolo TV	5000

EXPA22K2

Freq GHz	Pol	Channel Name	Symbol rate
10.974	H	5 Channel	8150
10.974	H	Kanal 5	8150
10.974	H	DVB-RCS Data	8150
11.022	H	SGU Internet	8888
11.031	H	CTPAHA COBETOB	3750
11.044	V	1-Muz BY	44950
11.044	V	CTC+0	44950
11.044	V	CTC+2	44950
11.044	V	Domashny+0	44950
11.044	V	Domashny+2	44950
11.044	V	FNS	44950
11.044	V	MuzTV+Love	44950
11.044	V	World Music Channel	44950
11.044	V	Love Radio	44950
11.044	V	Radio CH50	44950
11.044	V	Radio CH51	44950
11.044	V	Radio CH52	44950
11.044	V	Radio CH53	44950
11.044	V	Radio Max	44950
11.044	V	DATA CTC	44950
11.095	V	NTN	6400
11.095	V	UTR	6400
11.095	V	RUI2	6400
11.095	V	UR1	6400
11.124	V	Data services	7590
11.161	V	MINSK TV	5785
11.161	V	STV	5785
11.161	V	Belarus-TV	5785
11.616	V	Allibiya Satellite C	2892
12.631	V	ASHUR TV	2530
12.632	H	Al Salam	2170
12.637	H	Al Masar	2532
12.639	V	AL RAI 1B	2892
12.639	V	TV	2892
12.652	H	Al-Mosullia	2532
12.664	V	ART-Feed	30000
12.664	V	CH1-SCR	30000
12.664	V	CH2-SCR	30000
12.664	V	ERTU	30000
12.664	V	Feed-2	30000
12.664	V	JSC-Feed	30000
12.664	V	OrbitLine1	30000
12.664	V	OrbitLine2	30000
12.664	V	OrbitLine3	30000
12.664	V	Al-Majd Feed	30000
12.664	V	CH5	30000
12.664	V	CH8	30000
12.664	V	ESCA	30000
12.664	V	Feed-4	30000
12.664	V	N DRAMA	30000
12.664	V	HolyQuran Radio	30000
12.741	H	ERTU	7086
12.741	H	Service 2	7086
12.741	H	Ch-4	7086
12.741	H	test-e	7086

C-Band: INSAT 3E
55.0 East

INS03ECI

Freq GHz	Pol	Channel Name	Symbol rate
3.970	V	Test	4250
4.000	V	DDK-HISAR	4250

BONUM 1
56.0 East

BON001KU

Freq GHz	Pol	Channel Name	Symbol rate
12.245	R	NTV Plus	27500
12.303	L	Ermak	27500
12.322	R	NTV Plus	27500
12.456	L	Serebryany Dozhd	5000
12.476	R	NTV Plus	27500

NSS 703
57.0 East

NSS703EH

Freq GHz	Pol	Channel Name	Symbol rate
3.751	R	SUN TV	13500
3.751	R	test	13500
3.751	R	UDAYA II	13500
3.792	R	ZEE TELUGU	3333
3.873	R	JESUS-TV	2963
3.981	R	ADITHYA TV	28000
3.981	R	GCV	28000
3.981	R	GEMINI TV	28000
3.981	R	K TV	28000
3.981	R	SUN MUSIC	28000
3.981	R	SURJO	28000
3.981	R	TEJA NEWS	28000
3.981	R	TEJA TV	28000
3.981	R	UDAYA NEWS	28000
3.981	R	UDAYA TV	28000
3.981	R	USHE TV	28000
3.981	R	KIRAN TV	28000
3.981	R	SUN NEWS	28000
3.981	R	SUN TV	28000
3.981	R	SURYA TV	28000
3.981	R	SURYAN FM	28000

NSS703EU

Freq GHz	Pol	Channel Name	Symbol rate
11.507	V	B-SKY-B	2917
12.551	V	bTV	9404
12.551	V	eUrotic ASTRA	9404
12.551	V	VTK	9404
12.551	V	BRAVO Radio	9404

NSS703GL

Freq GHz	Pol	Channel Name	Symbol rate
● 4.055	R	AETN TV 340	25994
● 4.055	R	Al Hurra TV 150	25994
● 4.055	R	Ch. 1 - Default	25994
● 4.055	R	IBB OS Download 8	25994
● 4.055	R	IBB OS Download 9	25994
● 4.055	R	VOA IOR TV 420	25994
● 4.055	R	Farda Radio 448	25994
● 4.055	R	Farda Radio 456	25994
● 4.055	R	IBB VOA RFE/RL Ra	25994
● 4.055	R	IBB VOA RFE/RL Ra	25994
● 4.055	R	IBB VOA RFE/RL Ra	25994
● 4.055	R	IBB VOA RFE/RL Ra	25994
● 4.055	R	IBB VOA RFE/RL Ra	25994
● 4.055	R	IBB VOA RFE/RL Ra	25994
● 4.055	R	IBB VOA RFE/RL Ra	25994
● 4.055	R	IBB VOA RFE/RL Ra	25994
● 4.055	R	RFA Radio 436	25994
● 4.055	R	RFA/VOA Radio 437	25994
● 4.055	R	Sawa Djibouti 421	25994
● 4.055	R	Sawa Egypt Radio 452	25994
● 4.055	R	Sawa Egypt/Gulf Radi	25994
● 4.055	R	Sawa Gulf Radio 453	25994
● 4.055	R	Sawa Gulf/VOA Djib	25994
● 4.055	R	Sawa Iraq / Iraq N-S	25994
● 4.055	R	Sawa Lebanon Radio 4	25994
● 4.055	R	Sawa N. Africa Radio	25994
● 4.055	R	Sawa Sudan Radio 455	25994
● 4.055	R	VOA Djibouti/Farda	25994
● 4.055	R	VOA/Sawa Iraq Radi	25994
● 4.055	R	VOA/Sawa Lebanon R	25994
● 4.055	R	VOA/Sawa Levant Ra	25994
● 4.066	L		6600
4.066	L	MPEG TEST SERVICE	6600

NSS703NW

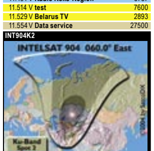
Freq GHz	Pol	Channel Name	Symbol rate
3.910	L	TV	2894
● 3.913	R	SATV	2222
3.932	L	BTV	2894

INTELSAT 904
60.0 East

INT904K1

Freq GHz	Pol	Channel Name	Symbol rate
11.093	V	Nika TV	3980
11.093	V	Miliceiskaya Volna	3980
11.491	V	RTV Kuban	5787
11.491	V	Mayak Kubani	5787
11.491	V	Radio Roks-Region	5787
11.514	V	test	7600
11.529	V	Belarus TV	2893
11.554	V	Data service	27500

INT904K2



Freq GHz	Pol	Channel Name	Symbol rate
11.555	H	Animal Planet Europe	29270
11.555	H	BBC World	29270
11.555	H	Discovery Travel & A	29270
11.555	H	El Arna	29270
11.555	H	Fox Kids Russia & Tu	29270
11.555	H	Hallmark Channel (Ru	29270
11.555	H	KTK TV	29270
11.555	H	MTV Russia	29270
11.555	H	NTK	29270
11.555	H	NTV	29270
11.555	H	Rakhat TV	29270
11.555	H	TV XXI	29270
11.555	H	Europa Plus Kazakhst	29270
11.595	H	Discovery Channel Ru	29270
11.595	H	EuroNews	29270
11.595	H	Eurosport Russia	29270
11.595	H	Kazakhstan TV	29270
11.595	H	Khabar TV	29270
11.595	H	MCM Europe	29270
11.595	H	ORT Kazakhstan	29270
11.595	H	Telekanal Rossiya	29270
11.595	H	Kazakhstan RV	29270
11.595	H	Russkoe Radio - Asia	29270

INTELSAT 902
62.0 East

INT902CG

Freq GHz	Pol	Channel Name	Symbol rate
4.180	L	Reuters TV	31530
4.180	L	Sky News Intl	31530
4.180	L	ABC	31530
4.180	L	Arqiva OU ch 2	31530
4.180	L	Arqiva OU ch1	31530
4.180	L	Intelsat 2	31530
4.180	L	Taiwan Radio	31530

INT902K1

Freq GHz	Pol	Channel Name	Symbol rate
10.973	V	Alantefaza TV	27500
10.973	V	IRIB TV1	27500
10.973	V	IRIB TV2	27500
10.973	V	IRIB TV3	27500
10.973	V	IRIB TV4	27500
10.973	V	IRIB TV5	27500
10.973	V	Jaam-e-Jam Internati	27500
10.973	V	IRIB Radio 1	27500
10.973	V	Radio Farhang	27500
10.973	V	Radio Farhang Varzes	27500
10.973	V	Radio Javan	27500
10.973	V	Radio Maaref	27500
10.973	V	Radio Payam	27500
10.973	V	Radio Quran	27500
10.973	V	Radio Quran Maaref	27500
10.973	V	Radio Salamt	27500
10.973	V	Radio Sarasari	27500
10.973	V	Radio Sport	27500
10.973	V	Sedaye Ashna	27500
11.043	V	Khozestan TV	3600
11.068	V	Mazandaran TV	3610
11.073	V	Azarbayjan TV	3600
11.078	V	Khorasan TV	3610
11.083	V	Esfahan TV	3600
11.088	V	Yazd TV	3610
11.093	V	Kerman TV	3600
11.103	V	Fars	10000
11.103	V	Fars TV	10000
11.103	V	feed	10000
11.103	V	khalij fars(T)	10000

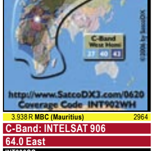
INT902K2

Freq GHz	Pol	Channel Name	Symbol rate
●11.105	H	VTV	3328
●11.108	H	A1 PLUS	2170
●11.148	H	KISS TV	2710
11.152	H	Prima TV	3333
11.175	H	KANAL-D	3333
11.186	H	AXA TV	2046
11.189	H	TELESHOP	2221

INT902SE

Freq GHz	Pol	Channel Name	Symbol rate
3.814	L	NTV (Kenya)	3852
3.814	L	Nation Radio	3852
3.837	L	Citizen TV	2466
3.927	L	M-Net	
3.967	L	E.TV	9326
3.967	L	Akermans	9326
3.967	L	Good Hope FM	9326
3.996	L	BTV 2	20000
3.996	L	BTV 3	20000
3.996	L	SABC 1	20000
3.996	L	SABC 2	20000
3.996	L	SABC 3	20000
3.996	L	BTV 1	20000

INT902WH



Freq GHz	Pol	Channel Name	Symbol rate
3.938	R	MBC (Mauritius)	2964

C-Band: INTELSAT 906
64.0 East

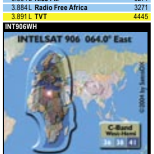
INT906CG

Freq GHz	Pol	Channel Name	Symbol rate
4.094	L	Atlantic	3680
4.094	L	News	3680
4.094	L	Sports	3680

INT906EH

Freq GHz	Pol	Channel Name	Symbol rate
3.884	L	Star TV	3271
3.884	L	Kiss FM	3271
3.884	L	Radio Free Africa	3271
3.891	L	TVT	4445

INT906WH



Freq GHz	Pol	Channel Name	Symbol rate
3.642	R	Ch.10	13330
3.642	R	EATV	13330
3.642	R	ITV1	13330
3.642	R	PULSE	13330
3.653	R	TVM MZ	5632
3.721	R	MOI	4882

Freq GHz	Pol	Channel Name	Symbol rate
● 3.780	R	AGAPE TV	3000
3.968	R	CHILD	10162
3.968	R	JCTV	10162
3.968	R	TBN	10162
3.968	R	TCC	10162
● 4.000	R	ETC ALPHA PUNJABI	27500
● 4.000	R	ETC Alpha Punjabi	27500
● 4.000	R	ZEE CINEMA - UK	27500
● 4.000	R	ZEE CINEMA- USA	27500
● 4.000	R	ZEE GUJRATI - UK	27500
● 4.000	R	ZEE GUJRATI - USA	27500
● 4.000	R	ZEE MUSIC- UK	27500
● 4.000	R	ZEE RUSSIA	27500
● 4.000	R	ZEE TV - South Afr	27500
● 4.000	R	ZEE TV - USA	27500
● 4.000	R	ZEE TV- UK	27500

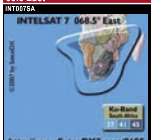
C-Band: INTELSAT 704
66.0 East

INT704EH

Freq GHz	Pol	Channel Name	Symbol rate
4.055	R	CFI ASIE PRO	27500
4.055	R	TV5 ASIE	27500
4.055	R	CFI Audio 1	27500
4.055	R	RFI AS Francais	27500
4.055	R	RFI AS Langues	27500
4.055	R	RFI Cambodge	27500
4.055	R	RFI China	27500
4.055	R	RFI Francais	27500
4.055	R	RFI French-Eng	27500
4.055	R	RFI Kaboul	27500
4.055	R	RFI Langues1	27500
4.055	R	RFI Langues2	27500
4.055	R	RFI Musique	27500
4.055	R	RFI Palapa	27500
4.055	R	RFI Russia	27500
4.055	R	RFI WS Ouest	27500
4.055	R	RFI WS Sud	27500
4.055	R	DASSAULT-IS704	27500
4.055	R	KATELCO-ALA	27500
4.055	R	KATELCO-ASTA	27500

South Africa
INTELSAT 7, 10
68.5 East

INT007SA



Freq GHz	Pol	Channel Name	Symbol rate
10.970	V	AfMag	30000
10.970	V	CNN	30000
10.970	V	CSN	30000
10.970	V	EuroN	30000
10.970	V	Home	30000
10.970	V	KykNT	30000
10.970	V	Rhema	30000
10.970	V	SkyN	30000
10.970	V	SS6	30000
10.970	V	SS7	30000
10.970	V	SSupd	30000
10.970	V	ZeeTV	30000
10.970	V	JAC	30000
10.970	V	Ksmos	30000
10.970	V	Verit	30000
10.970	V	Decoder Care	30000
10.970	V	INT2	30000
10.970	V	SSVirtual	30000
11.010	H	3SAT	30000
11.010	H	ANMAX	30000
11.010	H	ARD	30000
11.010	H	Astro	30000
11.010	H	B4U	30000
11.010	H	BBC F	30000
11.010	H	DW	30000
11.010	H	ERT	30000
11.010	H	FIN24	30000
11.010	H	FTV	30000
11.010	H	Fut	30000
11.010	V	Games	30000
11.010	H	IQRAA	30000
11.010	H	Learn	30000
●11.010	V	LTV	30000
11.010	V	MK	30000
11.010	H	NEW24	30000
11.010	H	PRO7	30000
11.010	H	RAI	30000
11.010	H	RTL	30000
11.010	H	RTPi	30000
11.010	V	SABC1	30000
11.010	V	SABC2	30000
11.010	V	SABC3	30000
11.010	H	SAT1	30000
11.010	H	ZDF	30000
11.010	V	adhoc2	30000
11.010	V	Even2	30000
11.010	V	Fut3-	30000
11.010	V	Guide	30000
11.010	V	iA virtual 8	30000
11.010	V	iA Virtual 9	30000
11.010	V	MNET Extra	30000
11.010	V	Regis	30000
11.010	V	-	30000
11.010	H	BAY1	30000
11.010	H	BAY3	30000
11.010	V	C FM	30000
11.010	V	Ch 73	30000
11.010	V	DW-R	30000
11.010	V	adhoc1	30000
11.010	V	Extended EPG	30000
11.010	V	iA Virtual 10	30000
11.010	V	iA Virtual 12	30000
11.010	V	iA Vitual 6	30000
11.010	H	IP_Martl	30000
11.010	V	Theme Search	30000
11.010	H	TouchPids19	30000
11.050	V	BBC P	30000
11.050	V	Boom	30000
11.050	V	Ch2	30000
11.050	V	Fut	30000
11.050	V	go	30000
●11.050	V	Idols	30000
11.050	V	KAIDy	30000
11.050	V	NaGeo	30000
11.050	V	NBC	30000
11.050	V	SumTV	30000
11.050	V	TV5	30000
11.050	V	ZnRea	30000
●11.050	V	HIST	30000
11.050	V	iA Virtual 1	30000
11.050	V	100FM	30000
11.050	V	702	30000
11.050	V	ASAT1	30000
11.050	V	CII	30000
11.050	V	CRI	30000
11.050	V	HEAT	30000
11.050	V	Hyper	30000
11.050	V	Im	30000
11.050	V	VOA	30000
11.050	V	Wave	30000
11.050	V	WRN	30000
11.050	V	TWR	30000
11.050	V	IP_TV	30000
11.050	V	ORB1	30000
11.050	V	ORB2	30000
11.090	V	BBC W	30000
11.090	V	Bloom	30000
11.090	V	CN	30000
11.090	V	Dsny	30000
11.090	V	ESPN	30000
11.090	V	KTV	30000
11.090	V	MTV	30000
11.090	V	MTV B	30000
11.090	V	SET	30000
11.090	V	Sun	30000
11.090	V	TCM	30000
11.090	V	Travl	30000
11.090	V	VH1	30000
11.090	V	BBC1	30000
11.090	V	BBC2	30000
11.090	V	BBC3	30000
11.090	V	Fut12	30000
11.090	V	Fut15	30000
11.090	V	TouchPids4	30000
●11.100	H	Cartoon Network	5400
●11.100	H	Channel O	5400
●11.100	H	CNN	5400
●11.100	H	E! Entertaiment	5400
●11.100	H	ESG CBMS	5400
●11.100	H	ESG Sagem	5400
●11.100	H	Int Table	5400
●11.100	H	MagicWorld	5400
●11.100	H	MTV	5400
●11.100	H	Nat Geo	5400
●11.100	H	SABC 1	5400
●11.100	H	Supersport 1	5400
●11.100	H	SuperSport 2	5400
●11.100	H	SuperSport 3	5400
11.589	V	ChO	27500
11.589	V	Disc	27500
11.589	V	HallM	27500
11.589	V	M-Net	27500
11.589	V	MM1	27500
11.589	V	SABCA	27500
11.589	V	Serie	27500
11.589	V	SS1	27500
11.589	V	SS2	27500
11.589	V	SS5	27500
11.589	V	SSmax	27500
11.589	V	ASAT2	27500
11.589	V	Jhank	27500
11.589	V	Kaya	27500
11.589	V	KL	27500
11.589	V	RAI R	27500
11.589	V	TAR	27500
11.589	V	YFM	27500
11.589	V	Lotto App	27500
11.589	V	VRFY	27500
11.594	V	ChO	27500
11.594	V	Disc	27500
11.594	V	HallM	27500
11.594	V	M-Net	27500
11.594	V	MM1	27500
11.594	V	SABCA	27500
11.594	V	Serie	27500
11.594	V	SS1	27500
11.594	V	SS2	27500
11.594	V	SS5	27500
11.594	V	SSmax	27500
11.594	V	ASAT2	27500
11.594	V	Jhank	27500
11.594	V	Kaya	27500
11.594	V	KL	27500
11.594	V	RAI R	27500
11.594	V	TAR	27500
11.594	V	YFM	27500
11.594	V	Lotto App	27500
11.594	V	VRFY	27500
●11.625	V	BOTSWANA TELEVISI	15000

INT010AV

Freq GHz	Pol	Channel Name	Symbol rate
12.522	H	Fox Sports	26657
12.522	H	Arsenal/Setanta News	26657
12.522	H	NTA+	26657
12.522	H	Teletoon	26657
12.522	H	Zee Cinema	26657
12.522	H	France 24	26657
●12.562	H	ACBN	26657
12.562	H	Apostolic Oneness Ne	26657
●12.562	H	Ben TV	26657
12.562	H	DBN	26657
●12.562	H	OMEGA	26657
12.562	H	Press TV	26657
12.562	H	Supreme Master TV	26657
●12.562	H	Wonderful	26657
●12.562	H	1Africa	26657
●12.562	H	CVC Africa	26657
12.575	V	Mana 2	3378
12.575	V	Mana Africa	3378
12.722	H	African Movie/Ftv	26657
12.722	H	AIT	26657
12.722	H	Baby TV	26657
12.722	H	BBCW	26657
12.722	V	e.tv	26656
12.722	H	Fashion TV	26657
12.722	H	MCM TOP	26657
12.722	H	MGM	26657
12.722	H	NatGeo Adventure	26657
12.722	H	Setanta	26657
12.722	H	Trace TV	26657
12.722	V	CNBC Africa	26656
12.722	V	CTV	26656
12.722	V	G	26656
12.722	V	HOPE	26656
12.722	V	Ps91	26656
12.722	V	SANI	26656
12.722	V	TCT	26656
12.722	V	ChAfr	26656
12.722	V	Future10	26656
12.722	V	Future11	26656
12.722	V	Future12	26656
12.722	V	Future7	26656
12.722	V	Future8	26656
12.722	V	Future9	26656
12.722	V	RPTA	26656
12.722	V	Spare5	26656
12.722	V	TWR	26656
12.722	V	INFO_GWY	26656
12.722	V	UEC_Down	26656

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Freq GHz	Pol	Channel Name	Symbol rate
●10.970	H	AnimP	30000
●10.970	H	BVN	30000
●10.970	H	CCTV4	30000
●10.970	H	CCTV9	30000
●10.970	H	Globo	30000
●10.970	H	MNA	30000
●10.970	H	NDTV	30000
●10.970	H	SET A	30000
●10.970	H	SIC	30000
●10.970	H	TBN	30000
●10.970	H	ZTV	30000
●10.970	H	Adhoc 3	30000
●10.970	H	iA Virtual 4	30000
●10.970	H	RingT	30000
●10.970	H	1485	30000
●10.970	H	RFI	30000
●10.970	H	RNW 1	30000
●10.970	H	RNW 2	30000
●10.970	H	RVI-1	30000
●10.970	H	iAD4	30000
●10.970	H	Int1	30000
●10.970	H	Int10	30000
●11.050	H	Fut10	30000
●11.050	H	Fut12	30000
●11.050	H	Fut13	30000
●11.050	H	Fut14	30000
●11.050	H	Fut15	30000
●11.050	H	Fut16	30000
●11.081	H	Learn	14875
●11.081	H	Health	14875
●11.130	H	HDTST	30000
●11.130	V	Actio	30000
●11.130	V	eTV	30000
●11.130	H	Fut09	30000
●11.130	V	GA1	30000
●11.130	H	HDTS2	30000
●11.130	V	MM2	30000
●11.130	V	MStar	30000
●11.130	H	Mwld	30000
●11.130	H	NGwld	30000
●11.130	H	OneG	30000
●11.130	V	Parl	30000
●11.130	V	RT	30000
●11.130	H	Sowet	30000
●11.130	V	SS3	30000
●11.130	H	SS4	30000
●11.130	V	TelTr	30000
●11.130	V	TRACE	30000
●11.130	H	TSN	30000
●11.130	H	Weath	30000
●11.130	H	ZNBC	30000
●11.130	V	'70s	30000
●11.130	V	'80s	30000
●11.130	V	A & O	30000
●11.130	V	AdulC	30000
●11.130	V	Afric	30000
●11.130	V	AltR	30000
●11.130	V	Beaut	30000
●11.130	V	Blues	30000
●11.130	V	CampR	30000
●11.130	V	Chamb	30000
●11.130	V	City	30000
●11.130	V	ClasJ	30000
●11.130	V	ClasR	30000
●11.130	V	Contl	30000
●11.130	V	Dance	30000
●11.130	V	Elctr	30000
●11.130	V	EuroH	30000
●11.130	V	FamF	30000
●11.130	V	GoldO	30000
●11.130	V	Gospl	30000
●11.130	V	Groov	30000
●11.130	V	HardR	30000
●11.130	V	HTrax	30000
●11.130	V	ItalC	30000
●11.130	V	LiteC	30000
●11.130	V	Love	30000
●11.130	V	MetrB	30000
●11.130	V	ModnC	30000
●11.130	V	New A	30000
●11.130	V	PowrH	30000
●11.130	V	R&B	30000
●11.130	V	R'nR	30000
●11.130	V	Regga	30000
●11.130	V	SmthJ	30000
●11.130	V	SoftH	30000
●11.130	V	Subt	30000
●11.130	V	Symph	30000
●11.130	V	TradC	30000
●11.130	V	UBeat	30000
●11.130	V	Urban	30000
●11.130	V	D41	30000
●11.130	H	TouchPids	30000
●11.170	H	AJE	30000
●11.170	H	CNBCA	30000
●11.170	H	CRIME	30000
●11.170	H	E!	30000
●11.170	H	Fut10	30000
●11.170	H	iAD3	30000
●11.170	H	MXtra	30000
●11.170	V	SEN1	26652
●11.170	V	SEN2	26652
●11.170	H	SS3A	30000
●11.170	H	SS5A	30000
●11.170	H	SSact	30000
●11.170	H	SSsel	30000
●11.170	H	SSupA	30000
●11.170	V	EDU	26652
●11.170	H	iAD1	30000
●11.170	V	SEN3	26652
●11.170	V	SEN4	26652
●11.170	V	SEN5	26652
●11.170	V	SEN6	26652
●11.170	H	Beats	30000
●11.170	V	FusFM	26652
●11.170	H	Link	30000
●11.170	V	MetFM	26652
●11.170	V	SPUR	26652
●11.170	V	Star2	26652
●11.170	V	Star3	26652
●11.170	V	Ack	26652
●11.170	V	AdSa1	26652
●11.170	V	AdSa2	26652
●11.170	V	AdSa3	26652
●11.170	V	AdSa4	26652
●11.170	V	AdSa5	26652
●11.170	V	Clicks	26652
●11.170	V	FreshFM	26652
●11.170	V	MRAIL	26652
●11.170	V	NCRF	26652
●11.170	V	ORIO1	26652
●11.170	V	ORIO2	26652
●11.170	V	ORIO3	26652
●11.170	V	ORIO4	26652
●11.170	V	ORIO5	26652
●11.170	V	ORIO6	26652
●11.170	V	PEP	26652
●11.170	V	PnP_G	26652
●11.170	V	Red1	26652
●11.170	V	Red2	26652
●11.170	V	SFM	26652
●11.170	V	Spare2	26652
●11.170	V	Spare4	26652
●11.170	V	Star1	26652
●11.170	V	Test2	26652
●11.170	V	Test3	26652
●11.170	V	Test4	26652
●11.170	V	Test5	26652
●11.170	V	AIR03	26652
●11.170	V	InfoSatA12	26652
●11.170	H	ItvDalVirt	30000
●11.674	V	Feed1	26652
●11.674	V	SABC1	26652
●11.674	V	SABC2	26652
●11.674	V	SABC3	26652
●11.674	V	F24	26652
●11.674	V	GodCh	26652
●11.674	V	ITV	26652
●11.674	V	5FM	26652
●11.674	V	Cii	26652
●11.674	V	ClassicFM	26652
●11.674	V	DWRadio	26652
●11.674	V	Future1	26652
●11.674	V	Future2	26652
●11.674	V	Future3	26652
●11.674	V	Future_13	26652
●11.674	V	GHFM	26652
●11.674	V	Ikwekwezi	26652
●11.674	V	Islam	26652
●11.674	V	Lesedi	26652
●11.674	V	Ligwalagwala	26652
●11.674	V	Lotus	26652
●11.674	V	Metro	26652
●11.674	V	MM	26652
●11.674	V	Motsweding	26652
●11.674	V	Munghana	26652
●11.674	V	Phalaphala	26652
●11.674	V	Pulpit	26652
●11.674	V	R2000	26652
●11.674	V	Rad1	26652
●11.674	V	RSG	26652
●11.674	V	SAFM	26652
●11.674	V	SERON	26652
●11.674	V	Spare3	26652
●11.674	V	Thobela	26652
●11.674	V	Ukhozi	26652
●11.674	V	Umhlobo	26652
●11.674	V	Guide	26652
●11.674	V	INFOSAT_B6	26652
●11.674	V	Radix_Down	26652
●12.682	H	3ABN	26657
●12.682	H	Adonai	26657
●12.682	H	CVV	26657
●12.682	H	Day*	26657
●12.682	H	Dvine	26657
●12.682	H	Emmanuel TV	26657
●12.682	H	John 3v16	26657
●12.682	H	LoveWorld	26657
●12.682	H	Manna	26657
●12.682	H	Rohi	26657
●12.682	H	TKC	26657
●12.682	H	VwAfr	26657
●12.682	H	Divine Radio	26657

C-Band: INTELSAT 7,10
68.6 East

INT007CV

Freq GHz	Pol	Channel Name	Symbol rate
3.540	V	Sin-Pakistan	3305
● 3.662	V	Aapna Des	14074
● 3.662	V	DM Digital World	14074
● 3.662	V	DM Islam TV	14074
● 3.662	V	Love World	14074
● 3.662	V	Noor TV	14074
● 3.662	V	View Asia	14074
● 4.003	H	Service 2	2963
4.011	V	PTV	2200
● 4.033	V	DD Bharti	19559
● 4.033	V	DD India	19559
● 4.033	V	DD News	19559
● 4.033	V	DD Sports	19559
● 4.033	V	DDFeeds CPC	19559
4.160	H	EXPRESS NEWS	3618

INT010CH

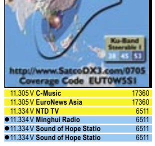
Freq GHz	Pol	Channel Name	Symbol rate
3.745	H	Premium	16175
3.745	H	NTSC English	16175
3.745	H	NTSC Japanese	16175
3.745	H	PAL English	16175
3.745	H	PAL Japanese	16175
3.745	H	Audio for Radio	16175
● 3.765	V	TEST	2950
● 3.767	H	ZEE SPORTS	6500
● 3.767	H	ZEE SPORTS USA	6500
3.774	H	HUM TV	3300
3.777	V	AASTHA.INTERNATIO	2940
3.811	H	CNBC_Pakistan	3313
3.836	H	Aajtak	19850
3.836	H	Aajtak Tez	19850
3.836	H	Delhi Aajtak	19850
3.836	H	Headlines Today	19850
3.836	H	INT AAJTAK	19850
3.836	H	INT HEADLINES TOD	19850
3.836	H	S10	19850
3.836	H	S7	19850
3.836	H	S8	19850
3.836	H	S9	19850
● 3.837	H	Aajtak	19850
● 3.837	H	Aajtak Tez	19850
● 3.837	H	Delhi Aajtak	19850
● 3.837	H	Headlines Today	19850
● 3.837	H	INT AAJTAK	19850
● 3.837	H	INT HEADLINES TOD	19850
● 3.837	H	S10	19850
● 3.837	H	S7	19850
● 3.837	H	S8	19850
● 3.837	H	S9	19850
3.927	H	A copy of HBO India	26500
3.927	H	A copy of MAX Intern	26500
3.927	H	A copy of SET_Intern	26500
3.927	H	A copy of SETMAX	26500
3.927	H	Channel 10	26500
3.927	H	Download 200	26500
3.927	H	MAX International	26500
3.927	H	MAX_UK	26500
3.927	H	MIDDLE EAST	26500
3.927	H	PIX	26500
3.927	H	SABTV	26500
3.927	H	SET_Encrypted	26500
3.927	H	SET_Encrypted Finger	26500
3.927	H	SET_International	26500
3.927	H	SETMAX	26500
3.927	H	TRAI	26500
3.974	H	Cartoon Hinde	19500
3.974	H	Cartoon India	19500
3.974	H	Cartoon India ENGL	19500
3.974	H	Cartoon India HIND	19500
3.974	H	Cartoon India TAMI	19500
3.974	H	Cartoon India TELE	19500
3.974	H	Cartoon Pakistan	19500
3.974	H	Cartoon Pas10	19500
3.974	H	Cartoon Tamil	19500
3.974	H	CNN India	19500
3.974	H	HBO India	19500
3.974	H	Pogo	19500
4.034	H	MTV India	20500
4.034	H	MTV Indo	20500
4.034	H	MTV Mandarin	20500
4.034	H	MTVNA 1	20500
4.034	H	Nick India	20500
4.034	H	VH1 India	20500
4.064	H	B4U Movies	19850
4.064	H	Discovery	19850
4.064	H	SIS	19850
4.064	H	Al Jazeera	19850
4.064	H	B4U Music	19850
4.064	H	E!	19850
4.064	H	EWTN	19850
4.064	H	BBC WS Radio	19850
4.064	H	EWTN Radio	19850
4.064	H	Voice of Tibet	19850
4.064	H	WRN AAP1	19850
4.064	H	WRN AAP2	19850
4.064	H	B4U Music	19850
4.103	H	IBN	5720
4.103	H	SAW	5720
● 4.117	H	SAMAA	3333
● 4.124	V	AAG	19850
● 4.124	V	AAG INTL	19850
● 4.124	V	GEO	19850
● 4.124	V	GEO ME.	19850
● 4.124	V	GEO SUPER	19850
● 4.124	V	GEO UK	19850
● 4.124	V	GEO USA	19850
● 4.124	V	GEO NEWS	19850
4.126	H	DAWN NEWS TV	3255
4.132	H	Ujala TV	2573
4.143	H	ROHI TV	3306
● 4.147	H	DUNYA	3300
4.165	H	ROYAL TV	3255

INT010CV

Freq GHz	Pol	Channel Name	Symbol rate
3.716	V	BBC F	20600
3.716	V	BBC P	20600
3.716	H	Cricket Plus	20765
3.716	H	Football Channel	20765
3.716	V	go	20600
3.716	H	Goal TV1	20765
3.716	H	Goal TV2	20765
3.716	V	KAIDy	20600
3.716	V	Learn	20600
3.716	V	MM1	20600
3.716	V	MNetE	20600
3.716	V	MNetW	20600
3.716	V	SS1	20600
3.716	V	TCM	20600
3.716	H	Ten SI	20765
3.716	H	Ten SP	20765
3.716	H	TSME	20765
3.716	V	Fut	20600
3.716	V	70's	20600
3.716	V	AduIC	20600
3.716	V	Afric	20600
3.716	V	Beaut	20600
3.716	V	CampR	20600
3.716	V	ClasJ	20600
3.716	V	ClasR	20600
3.716	V	Contl	20600
3.716	V	Dance	20600
3.716	V	FrenC	20600
3.716	V	Gospl	20600
3.716	V	Htrax	20600
3.716	V	LiteC	20600
3.716	V	R'nR	20600
3.716	V	Regga	20600
3.716	V	SmthJ	20600
3.716	V	SoftH	20600
3.716	V	Symph	20600
3.716	V	UBeat	20600
3.716	V	Urban	20600
3.716	V	Extended EPG	20600
3.716	V	Theme Search	20600
3.743	V	AfMag	20600
3.743	V	C+H	20600
3.743	V	ChO	20600
3.743	V	CNN	20600
● 3.743	V	Idols	20600
3.743	V	RTPi	20600
3.743	V	SABCA	20600
3.743	V	SS2	20600
3.743	V	Ssupd	20600
3.743	V	Guide	20600
3.743	V	IPEMart	20600
3.743	V	VFW4	20600
3.743	V	VRFY	20600
3.783	V	CGNTV	2964
3.783	H	PEACE TV	3250
3.787	V	India - Australia Ne	3617
3.787	V	RAS2	3617
3.787	V	RAS3	3617
3.787	V	RAS4	3617
3.787	V	RAS5	3617
3.787	V	RAS6	3617
3.808	V	Rai Africa	10340
3.808	V	Reality TV	10340
3.808	V	God Asia	10340
3.808	V	Supreme Master TV	10340
3.808	V	Multilingue	10340
● 3.808	V	RNW-7	10340
3.808	V	satelRadio	10340
● 3.836	V	Actio	20600
3.836	V	BBC W	20600
3.836	V	CN	20600
3.836	V	Disc	20600
3.836	V	ESPN	20600
3.836	V	HallM	20600
3.836	V	MTV	20600
3.836	V	NaGeo	20600
3.836	V	SS7	20600
3.836	V	TV5	20600
3.836	V	BBC1	20600
3.836	V	BBC2	20600
3.836	V	BBC3	20600
3.836	V	CRI	20600
3.836	V	DMove	20600
3.836	V	Event	20600
3.836	V	RAI R	20600
3.836	V	RFI	20600
3.836	V	VOA	20600
3.836	V	WRN	20600
3.863	V	Bloom	20600
3.863	V	FTV	20600
● 3.863	V	HIST	20600
3.863	V	MM2	20600
3.863	V	Rhema	20600
3.863	V	Serie	20600
3.863	V	SkyN	20600
3.863	V	SS3	20600
3.863	V	SS5	20600
3.863	V	SS6	20600
3.863	V	Travl	20600
3.863	V	ZnRea	20600
3.863	V	CII	20600
3.863	V	TAR	20600
3.863	V	IPEW4	20600
● 3.864	H	ARY Digital UK	19850
● 3.864	H	ARY Digital USA	19850
● 3.864	H	ARY Middle East	19850
● 3.864	H	ARY ONE World	19850
● 3.864	H	HBO ARY	19850
● 3.864	H	Nick ARY	19850
● 3.864	H	ARY Asia	19850
● 3.864	H	ARY One World	19850
● 3.864	H	ARY Qtv	19850
● 3.864	H	The Musik	19850
3.900	V	Nimbus 1	12300
3.900	V	Nimbus 2	12300
3.913	V	KBS WORLD	6510
3.913	V	NoName	6510
3.920	V	LA CADENA	3000
3.924	V	FETV	3003
3.974	V	DTL India	19850
3.974	V	APL India	19850
3.974	V	BBC World India	19850
3.974	V	DSC India - English	19850
3.974	V	DSC India - Hindi	19850
3.974	V	Encoder 4	19850
3.974	V	Encoder 6	19850
3.974	V	BBC Burmese	19850
● 4.054	V	ArirangTV W1	4400
4.059	V	CTS	3530
4.064	V	Times Now	4610
4.069	V	Hope Channel Intl	3005
4.069	V	Hope Intl Alt Lang1	3005
4.069	V	Hope Intl Alt Lang2	3005
4.069	V	Lifetalk Radio	3005
4.074	V	Hungama Tv	4000
4.083	V	CRI Radio	3428
● 4.087	H	CCTV 4	9375
● 4.087	H	CCTV 9	9375
● 4.087	H	CCTV E	9375
● 4.087	H	CCTV F	9375
4.173	V	INDIA TV	3000
4.178	V	Zoom	4000
● 4.184	H	24x7	20000
● 4.184	H	INDIA	20000
● 4.184	H	METRO	20000
● 4.184	H	PROFIT	20000
● 4.184	H	TEST1	20000
● 4.184	H	TEST2	20000
● 4.184	H	TEST3	20000
● 4.189	V	IMAGINE	12207
● 4.189	V	LIFEST	12207
● 4.189	V	TEST5	12207
● 4.189	V	TEST6	12207

South East Asia
EUTELSAT W5
70.5 East

EUT0W5S1



Freq GHz	Pol	Channel Name	Symbol rate
11.305	V	C-Music	17360
11.305	V	EuroNews Asia	17360
11.334	V	NTD TV	6511
●11.334	V	Minghui Radio	6511
●11.334	V	Sound of Hope Statio	6511
●11.334	V	Sound of Hope Statio	6511

TV Digital · **Radio** Digital · **TV** Digital Crypt · **Radio** Digital Crypt · **TV** High Definition · **TV** High Definition Crypt · **Data** Channel · **TV** Analog · **Radio** Analog

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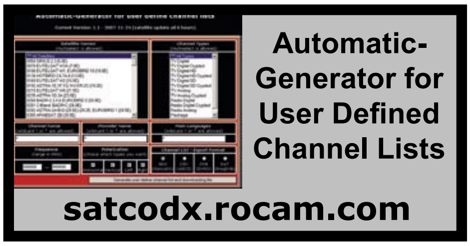
60mm



●11.242 V	CH 450 VOA TV EUR	27500
●11.242 V	CH 452 VOA TV ASI	27500
●11.242 V	CH 453 VOA/RFE/RL	27500
●11.242 V	CH 454 VOA/RFE/RL	27500
●11.242 V	CH 455 VOA/RFE/RL	27500
●11.242 V	CH 451 VOA/RFE/RL	27500
●11.242 V	CH 456 VOA/RFE/RL	27500
●11.242 V	CH 457 VOA/RFE/RL	27500
●11.242 V	CH 458 VOA/RFE/RL	27500
●11.242 V	CH 459 VOA	27500
●11.242 V	CH 460 VOA	27500
●11.242 V	CH 461 VOA/RFE/RL	27500
●11.242 V	CH 462 RFA	27500
●11.242 V	CH 463 VOA/RFE/RL	27500
●11.242 V	CH 464 VOA	27500
●11.242 V	CH 465 VOA	27500
●11.242 V	CH 466 VOA	27500
●11.242 V	CH 467 VOA	27500

Europe
EUTELSAT W5
70.6 East
EUT0W5WB

11.214 H	ENG	13020
11.214 H	FR	13020
11.214 H	EuroNews	13020
11.214 H	ENGRAD	13020
11.214 H	FRRAD	13020
11.214 H	CBCRAD	13020
11.214 H	DND_Audio	13020
●11.378 V	TVBPV1	7440
●11.378 V	TVBPV2	7440
●11.378 V	TVBPV3	7440
●11.378 V	TVBPV4	7440
11.385 H	IRIB-BAGDAD	19145
●11.385 H	IRIB-BAGDAD-2	19145
11.385 H	IRIB-HC-TEST	19145
11.385 H	IRIB-KABOL	19145
11.385 H	IRIB-TEHRAN	19145

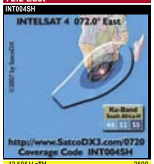
C-Band: INTELSAT 4
72.0 East
INT004CA

3.729 H	CCTV	10500
3.729 H	DCC	10500
3.729 H	RTGA	10500
3.729 H	RTNC 1	10500
3.729 H	RADIO 1	10500
3.729 H	RADIO 2	10500
3.729 H	RADIO 3	10500
3.729 H	RADIO 4	10500
3.729 H	RADIO SARVICE 5	10500

Europe
INTELSAT 4
72.1 East
INT004K1

12.518 V	NEWS ONE	8232
12.518 V	RU MUSIC	8232
12.518 V	EUROPA FM	8232
12.518 V	RADIO.5	8232
12.524 V	MENU-TV	3266
12.677 V	DivaFutura	1447

South Africa
INTELSAT 4
72.2 East
INT004SH



12.505 H	eTV	2500
12.544 H	Asianet	1480

C-Band: I
74.0 East
INS003CB

● 3.756 H	DD NATIONAL 3C	14060
● 3.756 H	DD NEWS 3C	14060
● 3.756 H	DD RAJYA SABHA 3C	14060
● 4.148 V	DD-SPORTS 3C	6250
4.166 H	CEC-UGC-4	26000
4.166 H	EKLAVYA-3	26000
4.166 H	GYANDARSHAN-1	26000
4.166 H	GYANDARSHAN-2	26000
4.166 H	GYANVANI-6	26000
4.166 H	KISAN-5	26000

EDUSAT, INSAT 4CR
74.1 East
EDU001KU

10.952 H	DSERT-VIDYAVAHINI	1700
10.956 H	DSERT-VTU	1808
●10.964 H	SLRC2	2143
●10.967 H	Kairali Tv	2000
10.977 H	VICTERS	3000
●11.159 H	IP/DVB Service	10000
●11.159 H	RCS Map Table	10000

South-East Asia
ABS-1
75.0 East
ABS001SB

●12.505 H	{Empty}	2500
●12.509 H	Tandberg Service	2450
12.579 H	1TVRUS Asia	22000
12.579 H	3ABN	22000
●12.579 H	APOSTOLIC ONENESS	22000
●12.579 H	JCTV	22000
12.579 H	NET-25	22000
12.579 H	Smile of A Child	22000
12.579 H	Supreme Master TV	22000
12.579 H	TBN	22000
12.579 H	The Church Channel	22000

ABS-1
75.0 East
ABS001CB

● 3.529 H	1TVRUS Asia	13330
● 3.529 H	Data1	13330
● 3.569 H	SB.Tv	3255
● 3.569 H	Zam Tv	3255
● 3.577 H	ABTV1	9598
● 3.577 H	ABTV2	9598
● 3.577 H	ABTV3	9598
● 3.577 H	ABTV4	9598
● 3.577 H	ABTV7	9598
● 3.577 H	ABTV5	9598
● 3.577 H	ABTV6	9598
● 3.577 H	ABTV8	9598
● 3.577 H	ABTV	9598
● 3.577 H	BIG FM	9598
● 3.577 H	FM 90.5	9598
● 3.577 H	RS RADIO	9598
● 3.577 H	blank	9598
3.593 H	Channel 1	5185
3.593 H	Channel 2	5185

ABS-1
75.0 East
ABS001NB

●12.519 V	Israel+	22000
●12.519 V	TV1000 (+21)	22000
●12.519 V	TV1000 East (FSS)	22000
●12.519 V	TV1000 Ru Kino	22000
●12.519 V	Viasat Explorer (FSS	22000
●12.519 V	Viasat History (FSS)	22000
●12.519 V	Viasat Sport	22000
●12.519 V	DTV-2	22000
●12.519 V	TV-21	22000
12.519 V	Pace Europa 2	22000
●12.549 V	24Techno	22000
●12.549 V	AXN-ScFi-Ru	22000
●12.549 V	Detsky	22000
●12.549 V	HCT	22000
●12.549 V	Israel+	22000
●12.549 V	Russkij illuzion	22000
●12.549 V	Russkiy Extream	22000
●12.549 V	Fashion-TV	22000
●12.549 V	Gameplay	22000
●12.549 V	illuzion +	22000
●12.549 V	Inter+	22000
●12.549 V	TV-21	22000
●12.549 V	Zoo	22000
●12.610 V	TPO	22000
●12.641 V	HOME+7R	22000
●12.641 V	CTC +7	22000
●12.641 V	DTV-0	22000
●12.641 V	HTB	22000
●12.641 V	HTB-3	22000
●12.641 V	RBC TV	22000
●12.671 V	Discovery Channel	22000
●12.671 V	ESP Russian	22000
●12.671 V	ESP2 Russian	22000
●12.671 V	Fenix-Art	22000
●12.671 V	Mat' i Ditya	22000
●12.671 V	NAT GEO	22000
●12.671 V	2X2	22000
●12.671 V	LUXE TV	22000
●12.671 V	TVclub	22000
●12.671 V	DOPO*HOE	22000
●12.671 V	New Life Radio	22000
●12.695 V	Endemol	10000
●12.695 V	MGOU	10000
●12.695 V	Mir Service	10000
●12.695 V	MIR-TV	10000
●12.695 V	MIR-TV +3	10000
●12.695 V	Videofilm	10000
12.695 V	MIR Radio Service	10000
12.695 V	Radio MIR	10000
●12.729 V	CBMS ESG	5140
●12.729 V	Int Table	5140
●12.729 V	service 1-2	5140
●12.729 V	service 13-16	5140
●12.729 V	service 3	5140
●12.729 V	service 4	5140
●12.729 V	service 5-8	5140
●12.729 V	service 9-12	5140
●12.740 V	Tajik TV	7242
●12.740 V	TV Bakhoriston	7242
●12.740 V	TV Safina	7242

TELSTAR 10
76.5 East
TEL010KB

●12.280 V	AD-HOC[UB05]	22425
12.280 V	BLTV 人間衛視 [UB02]	22425
12.280 V	CONGRESS 國會衛星 [UB0	22425
●12.280 V	HZ 華藏[UB07]	22425
12.280 V	LIFE TV 生命電視台[UB04	22425
●12.280 V	MAC TV 宏觀(UB10)	22425
12.280 V	TZUCHI 慈濟大愛 [UB01	22425
12.280 V	UCTV 法界衛星 新[UB03]	22425
●12.280 V	大利電視台[UB06]	22425
●12.280 V	蓬萊綜合台[UB09]	22425
12.308 V	CSN °ê®õ[UB306]	22425
12.308 V	EF TV'B³q[UB304]	22425
12.308 V	HB ¤¤µØ¥ø·~ [UB303]	22425
12.308 V	HS «i¥Í[UB307]	22425
12.308 V	TACT¥xÃÀ[UB301]	22425
12.308 V	FINANCE °]°T°],g¥x	22425
12.308 V	SBN ¾Ç°Ì°],g[UB308]	22425
12.308 V	World ¥@¬É[UB302]	22425
●12.308 V	3033_KFC	22425
●12.308 V	3001_US New songs &	22425
●12.308 V	3002_US Popular Song	22425
●12.308 V	3003_Sweet Love Song	22425
●12.308 V	3004_50 & 60 Popular	22425
●12.308 V	3005_R&B	22425
●12.308 V	3006_Hip Hop	22425
●12.308 V	3007_Party Music	22425
●12.308 V	3008_Rock Music	22425
●12.308 V	3009_Jazz Vocal	22425
●12.308 V	3010_Jazz Main Strea	22425
●12.308 V	3011_Lounge	22425
●12.308 V	3012_Enke	22425
●12.308 V	3013_Japanese Popuar	22425
●12.308 V	3014_J&T Station	22425
●12.308 V	3015_Bossa Nova	22425
●12.308 V	3016_Classical	22425
●12.308 V	3017_Piano Easy List	22425
●12.308 V	3018_Crystal Music	22425
●12.308 V	3019_Soft Hearing	22425
●12.308 V	3020_Season Music	22425
●12.308 V	3021_Old Deck	22425
●12.308 V	3022_Chinese Best Se	22425
●12.308 V	3023_Chinese Soft So	22425
●12.308 V	3024_Chinese Classic	22425
●12.308 V	3025_Children Music	22425
●12.308 V	3026_Easy Listening	22425
●12.308 V	3027_Birthday Songs	22425
●12.308 V	3028_Wedding And Goo	22425
●12.308 V	3029_Sweet Love Chan	22425
●12.308 V	3030_Pop Music Pop	22425
●12.308 V	3031_3357	22425
●12.308 V	3032_Napoli	22425
●12.308 V	3034_Audrey	22425
●12.308 V	3035_KF	22425
●12.308 V	3036_Crystal &Piano	22425
●12.308 V	3037_Fashion Music	22425
●12.308 V	3038_Soft Music	22425
●12.308 V	3039_KG	22425
●12.308 V	3040_Asia Radio	22425
12.406 V	afa TV µØ¤HÀ¸¼@[UB61	30000
12.406 V	GOLDSUN TV °ê¿³[U	30000
12.406 V	HOLLYWOOD ¦nµÜ¶ô'	30000
12.406 V	JET[UB606]	30000
12.406 V	PTV-1 ¤¤¤Ñ·s»D[UB6	30000
12.406 V	PTV-2 ¤¤¤Ñ°ï¦X[UB6	30000
●12.406 V	PTV-3 ¤¤¤Ñ®T¼Ö[UB6	30000
●12.406 V	afa TV µØ¤H°Ó·~¥x[UB	30000
●12.406 V	GOOD2 ¦n®ø®§¤G¥x[U	30000
●12.406 V	Null'w³ÆÀW'D[UB600]	30000
●12.406 V	Null'w³ÆÀW'D[UB604]	30000
●12.406 V	«ax(UB612)	30000
●12.406 V	133_KFC	30000
●12.406 V	101_US New songs & C	30000
●12.406 V	102_US Popular Songs	30000
●12.406 V	103_Sweet Love Songs	30000
●12.406 V	104_50 & 60 Popular	30000
●12.406 V	105_R&B	30000
●12.406 V	106_Hip Hop	30000
●12.406 V	107_Party Music	30000
●12.406 V	108_Rock Music	30000
●12.406 V	109_Jazz Vocal	30000
●12.406 V	110_Jazz Main Stream	30000
●12.406 V	111_Lounge	30000
●12.406 V	112_Enke	30000
●12.406 V	113_Japanese Popuar	30000
●12.406 V	114_J&T Station	30000
●12.406 V	115_Bossa Nova	30000
●12.406 V	116_Classical	30000
●12.406 V	117_Piano Easy Liste	30000
●12.406 V	118_Crystal Music	30000
●12.406 V	119_Soft Hearing	30000
●12.406 V	120_Season Music	30000
●12.406 V	121_Old Deck	30000
●12.406 V	122_Chinese Best Sel	30000
●12.406 V	123_Chinese Soft Son	30000
●12.406 V	124_Chinese Classica	30000
●12.406 V	125_Children Music	30000
●12.406 V	126_Easy Listening	30000
●12.406 V	127_Birthday Songs	30000
●12.406 V	128_Wedding And Good	30000
●12.406 V	129_Sweet Love Chann	30000
●12.406 V	130_Pop Music Pop	30000
●12.406 V	131_3375	30000
●12.406 V	132_Napoli	30000
●12.406 V	134_Audrey	30000
●12.406 V	135_KF	30000
●12.406 V	136_Crystal &Piano M	30000
●12.406 V	137_Fashion Music	30000
●12.406 V	138_Soft Music	30000
●12.406 V	139_KG	30000
●12.406 V	140_Asia Radio	30000
12.434 H	DVB	10000
12.434 H	ZHONGGUANG	10000
12.462 V	Boss Golf	22425
12.462 V	CTS 華視	22425
12.462 V	CTV 中視	22425
12.462 V	FTV 民視	22425
12.462 V	PTS 公視	22425
12.462 V	TVBS	22425
12.462 V	Asia Trave 亞洲旅遊	22425
12.462 V	PR-CH 公告頻道	22425
12.462 V	TTV台視	22425
●12.491 V	DesireTV	22425
12.491 V	DISNEY 迪士尼	22425
●12.491 V	G&PTV	22425
●12.491 V	SETI 三立國際	22425
12.491 V	TVBS-G	22425
12.491 V	TVBS-N	22425
●12.491 V	UNTV	22425
●12.491 V	FTV News	22425
●12.530 V	ET Variety 東森綜合台	30000
●12.530 V	ETtoday 財經生活台	30000
●12.530 V	ETTV ASIA 東森亞洲衛視	30000
●12.530 V	ETTV Drama 東森戲劇台	30000
●12.530 V	ETTV MOVIE東森電影台	30000
●12.530 V	ETTV News 東森新聞台	30000
●12.530 V	ETTV SERVICE 12	30000
●12.530 V	ETTV SERVICE 6	30000
●12.530 V	STV 2	30000
●12.530 V	STV 超視台	30000
●12.530 V	Yo Yo TV 東森幼幼台	30000
●12.530 V	ET ASIA NEWS 東森亞洲新	30000
●12.530 V	ETTV SERVICE 10	30000
●12.530 V	ETTV SERVICE 11	30000
●12.700 V	Xizang TV1	5656
●12.700 V	Xizang TV2	5656

C-Band: TELSTAR 10
76.6 East
TEL010CG

3.646 V	Racing International	5065
3.646 V	SA Clean Feed	5065
3.655 H	SHANGRI-LA TV	3215
3.680 H	BBC India	27500
3.680 H	BBC India Hindi	27500
3.680 H	BBC Knowledge	27500
3.680 H	BBC LifeStyle	27500
3.680 H	CBeeBies	27500
3.680 H	Tamil Box Office	27500
● 3.680 H	Adhoc Feed	27500
3.680 H	ERT	27500
3.680 H	ITV	27500
● 3.704 V	GLTV	6713
● 3.704 V	International 2	6713
3.714 V	GMA	7475
3.714 V	PBO	7475
3.714 V	Pinoy Prime	7475
3.720 H	Hallmark Asia NTSC	29265
3.720 H	Hallmark Asia NTSC	29265
3.720 H	Hallmark Asia NTSC	29265
3.720 H	Hallmark Asia PAL	29265
3.720 H	Hallmark Asia PAL	29265
3.720 H	Hallmark Asia PAL	29265
3.720 H	Hallmark Asia PAL	29265
● 3.720 H	KidsCO AA NTSC	29265
● 3.720 H	KidsCO AA PAL	29265
3.720 H	Test	29265
3.720 H	Virtual Hallmark A	29265
3.720 H	Virtual Hallmark A	29265
3.760 H	ALSH	28066
3.760 H	BOM	28066
3.760 H	ESC1	28066
3.760 H	K15	28066
3.760 H	MKTV	28066
3.760 H	NDM	28066
3.760 H	NTV	28066
3.760 H	NVAR	28066
3.760 H	ROTT	28066
3.760 H	DSPT	28066
3.760 H	DTV	28066
3.760 H	MAZZ	28066
3.760 H	SAMA DUBAI	28066
3.760 H	AGNI	28066
3.760 H	ALB	28066
3.760 H	ALRA	28066
3.760 H	BH1R	28066
3.760 H	CITY	28066
3.760 H	ELQN	28066
3.760 H	ERAS	28066
3.760 H	IASA	28066
3.760 H	MGF	28066
3.760 H	MRL	28066
3.760 H	MRT	28066
3.760 H	ROSA	28066
3.760 H	SOUT	28066
3.760 H	blank	28066
3.780 V	4E	28062
3.780 V	AGHAPY TV	28062
3.780 V	ALPHA	28062
3.780 V	ALTG	28062
3.780 V	ATV	28062
3.780 V	ESTAR	28062
3.780 V	EURO D	28062
3.780 V	MAD	28062
3.780 V	MEGA	28062
3.780 V	NTV	28062
3.780 V	RIKSAT	28062
3.780 V	SAMANYOLU TV	28062
3.780 V	SHOW	28062
3.780 V	SIGMA	28062
3.780 V	STAR	28062
3.780 V	ALEM FM	28062
3.780 V	ATHN	28062
3.780 V	BEST FM	28062
3.780 V	BURC	28062
3.780 V	COG	28062
3.780 V	ESFM	28062
3.780 V	ISFM	28062
3.780 V	KRAL FM	28062
3.780 V	MELO	28062
3.780 V	OASIS	28062
3.780 V	RADIO D	28062
3.780 V	REBLAIKA	28062
3.780 V	SFERA	28062
3.780 V	SOHO FM	28062
3.780 V	THES	28062
3.780 V	blank	28062
● 3.787 H	ETV ENC B	4600
3.793 H	DIGANTA TV	2700
● 3.831 V	IFA	6113
3.841 H	BFTV	27500
3.841 H	DVB	27500
● 3.841 H	SM2 Global Feed	27500
3.841 H	THE SOUNDTRACK CH	27500
3.880 H	DC-Asia (Bahasa)	28125
3.880 H	DC-Asia (NTSC) Phi	28125
3.880 H	DC-Asia (NTSC) Phi	28125
3.880 H	DC-Asia (PAL)	28125
3.880 H	DC-Asia (Thai)	28125
3.880 H	DC-Asia with Cue-Ton	28125
3.880 H	DC-India (English)	28125
3.880 H	DC-India (Hindi)	28125
3.880 H	DC-India (Tamil)	28125
3.880 H	DC-India (Telugu)	28125
3.880 H	DC-Korea (NTSC) w/	28125
3.880 H	PDC-Asia (Bahasa)	28125
3.880 H	PDC-Asia (NTSC)	28125
3.880 H	PDC-Asia (PAL)	28125
3.880 H	PDC-Asia (Thai)	28125
3.880 H	Toon-India (English)	28125
3.880 H	Toon-India (Hindi)	28125
3.880 H	Toon-India (Tamil)	28125
3.880 H	Toon-India (Telugu)	28125
3.880 H	PDC-India (English)	28125
● 3.921 H	Animax Hong Kong	28343
3.921 H	Animax Philippines	28343
3.921 H	Animax Philippines	28343
3.921 H	Animax SEA track 345	28343
3.921 H	Animax Sout East Asi	28343
3.921 H	Animax Sout East A	28343
3.921 H	Animax Sout East A	28343
3.921 H	Animax South Asia	28343
3.921 H	Animax Taiwan	28343
3.921 H	Animax_HK_56	28343
3.921 H	ANIMAX_HK_78	28343
3.921 H	Animx _HK_78	28343
3.921 H	AXN Beyond	28343
3.921 H	AXN Beyond_A3QT	28343
● 3.921 H	AXN CH 14	28343
● 3.921 H	AXN CH15	28343
3.921 H	AXN East Asia 2	28343
3.921 H	AXN India Audio Re	28343
3.921 H	AXN Korea	28343
3.921 H	AXN Philippines	28343
3.921 H	AXN Rest of Asia	28343
3.921 H	AXN Rest of AsiaCU	28343
3.921 H	AXN South Asia	28343
3.921 H	AXN Taiwan	28343
3.921 H	channel 40	28343
3.921 H	EA Business IRD	28343
3.921 H	EA2 Business	28343
3.921 H	Philippines Business	28343
3.921 H	SEA Business IRD	28343
3.921 H	SEA Business IRD A	28343
3.921 H	Test	28343
4.032 V	TVM	6310
4.032 V	VOM	6310
● 4.034 H	CHANNEL-I	4300
● 4.049 H	Bangla Vision	3600
4.056 H	Service 2	3215
● 4.073 H	BBC Arabic	13020
4.073 H	BBC Asia Feed 1	13020
4.073 H	BBC Azeri	13020
4.073 H	BBC Bengali	13020
4.073 H	BBC Burmese	13020
4.073 H	BBC Dari	13020
4.073 H	BBC English (E Asi	13020
4.073 H	BBC English (Europe)	13020
4.073 H	BBC English (S Asi	13020
4.073 H	BBC English Mid-Ea	13020
4.073 H	BBC English News	13020
4.073 H	BBC Farsi	13020
4.073 H	BBC Hindi	13020
4.073 H	BBC Indonesian	13020
4.073 H	BBC Kirghiz	13020
4.073 H	BBC Mandarin	13020
4.073 H	BBC Pashto	13020
4.073 H	BBC Russian	13020
4.073 H	BBC Russian (C Asi	13020
4.073 H	BBC Tajik	13020
4.073 H	BBC Turkish	13020
4.073 H	BBC Urdu	13020
4.073 H	BBC Uzbek	13020
4.073 H	BBC Vietnamese	13020
4.089 H	BOISHAKHI TV	4300
4.095 H	Channel One	4080
● 4.105 H	JAKARTA	2900
4.113 H	NDTV.ARABIA-4.5MB	2893
● 4.147 H	IslamicTV	3600
● 4.165 H	DESH TV	4285
4.174 H	nTV DVB	7400
4.174 H	RTV DVB	7400

TEL010KB

●12.280 V	AD-HOC[UB05]	22425
12.280 V	BLTV 人間衛視 [UB02]	22425
12.280 V	CONGRESS 國會衛星 [UB0	22425
●12.280 V	HZ 華藏[UB07]	22425
12.280 V	LIFE TV 生命電視台[UB04	22425
●12.280 V	MAC TV 宏觀(UB10)	22425
12.280 V	TZUCHI 慈濟大愛 [UB01	22425
12.280 V	UCTV 法界衛星 新[UB03]	22425
●12.280 V	大利電視台[UB06]	22425
●12.280 V	蓬萊綜合台[UB09]	22425
12.308 V	CSN °ê®õ[UB306]	22425
12.308 V	EF TV'B³q[UB304]	22425
12.308 V	HB ¤¤µØ¥ø·~ [UB303]	22425
12.308 V	HS «i¥Í[UB307]	22425
12.308 V	TACT¥xÃÀ[UB301]	22425
12.308 V	FINANCE °]°T°],g¥x	22425
12.308 V	SBN ¾Ç°Ì°],g[UB308]	22425
12.308 V	World ¥@¬É[UB302]	22425
●12.308 V	3033_KFC	22425
●12.308 V	3001_US New songs &	22425
●12.308 V	3002_US Popular Song	22425
●12.308 V	3003_Sweet Love Song	22425
●12.308 V	3004_50 & 60 Popular	22425
●12.308 V	3005_R&B	22425
●12.308 V	3006_Hip Hop	22425
●12.308 V	3007_Party Music	22425
●12.308 V	3008_Rock Music	22425
●12.308 V	3009_Jazz Vocal	22425
●12.308 V	3010_Jazz Main Strea	22425
●12.308 V	3011_Lounge	22425
●12.308 V	3012_Enke	22425
●12.308 V	3013_Japanese Popuar	22425
●12.308 V	3014_J&T Station	22425
●12.308 V	3015_Bossa Nova	22425
●12.308 V	3016_Classical	22425
●12.308 V	3017_Piano Easy List	22425
●12.308 V	3018_Crystal Music	22425
●12.308 V	3019_Soft Hearing	22425
●12.308 V	3020_Season Music	22425
●12.308 V	3021_Old Deck	22425
●12.308 V	3022_Chinese Best Se	22425
●12.308 V	3023_Chinese Soft So	22425
●12.308 V	3024_Chinese Classic	22425
●12.308 V	3025_Children Music	22425
●12.308 V	3026_Easy Listening	22425
●12.308 V	3027_Birthday Songs	22425
●12.308 V	3028_Wedding And Goo	22425
●12.308 V	3029_Sweet Love Chan	22425
●12.308 V	3030_Pop Music Pop	22425
●12.308 V	3031_3357	22425
●12.308 V	3032_Napoli	22425
●12.308 V	3034_Audrey	22425
●12.308 V	3035_KF	22425
●12.308 V	3036_Crystal &Piano	22425
●12.308 V	3037_Fashion Music	22425
●12.308 V	3038_Soft Music	22425
●12.308 V	3039_KG	22425
●12.308 V	3040_Asia Radio	22425
12.406 V	afa TV µØ¤HÀ¸¼@[UB61	30000
12.406 V	GOLDSUN TV °ê¿³[U	30000
12.406 V	HOLLYWOOD ¦nµÜ¶ô'	30000
12.406 V	JET[UB606]	30000
12.406 V	PTV-1 ¤¤¤Ñ·s»D[UB6	30000
12.406 V	PTV-2 ¤¤¤Ñ°ï¦X[UB6	30000
●12.406 V	PTV-3 ¤¤¤Ñ®T¼Ö[UB6	30000
●12.406 V	afa TV µØ¤H°Ó·~¥x[UB	30000
●12.406 V	GOOD2 ¦n®ø®§¤G¥x[U	30000
●12.406 V	Null'w³ÆÀW'D[UB600]	30000
●12.406 V	Null'w³ÆÀW'D[UB604]	30000
●12.406 V	«ax(UB612)	30000
●12.406 V	133_KFC	30000
●12.406 V	101_US New songs & C	30000
●12.406 V	102_US Popular Songs	30000
●12.406 V	103_Sweet Love Songs	30000
●12.406 V	104_50 & 60 Popular	30000
●12.406 V	105_R&B	30000
●12.406 V	106_Hip Hop	30000
●12.406 V	107_Party Music	30000
●12.406 V	108_Rock Music	30000
●12.406 V	109_Jazz Vocal	30000
●12.406 V	110_Jazz Main Stream	30000
●12.406 V	111_Lounge	30000
●12.406 V	112_Enke	30000
●12.406 V	113_Japanese Popuar	30000
●12.406 V	114_J&T Station	30000
●12.406 V	115_Bossa Nova	30000
●12.406 V	116_Classical	30000
●12.406 V	117_Piano Easy Liste	30000
●12.406 V	118_Crystal Music	30000
●12.406 V	119_Soft Hearing	30000
●12.406 V	120_Season Music	30000
●12.406 V	121_Old Deck	30000
●12.406 V	122_Chinese Best Sel	30000
●12.406 V	123_Chinese Soft Son	30000
●12.406 V	124_Chinese Classica	30000
●12.406 V	125_Children Music	30000
●12.406 V	126_Easy Listening	30000
●12.406 V	127_Birthday Songs	30000
●12.406 V	128_Wedding And Good	30000
●12.406 V	129_Sweet Love Chann	30000
●12.406 V	130_Pop Music Pop	30000
●12.406 V	131_3375	30000
●12.406 V	132_Napoli	30000
●12.406 V	134_Audrey	30000
●12.406 V	135_KF	30000
●12.406 V	136_Crystal &Piano M	30000
●12.406 V	137_Fashion Music	30000
●12.406 V	138_Soft Music	30000
●12.406 V	139_KG	30000
●12.406 V	140_Asia Radio	30000
12.434 H	DVB	10000
12.434 H	ZHONGGUANG	10000
12.462 V	Boss Golf	22425
12.462 V	CTS 華視	22425
12.462 V	CTV 中視	22425
12.462 V	FTV 民視	22425
12.462 V	PTS 公視	22425
12.462 V	TVBS	22425
12.462 V	Asia Trave 亞洲旅遊	22425
12.462 V	PR-CH 公告頻道	22425
12.462 V	TTV台視	22425
●12.491 V	DesireTV	22425
12.491 V	DISNEY 迪士尼	22425
●12.491 V	G&PTV	22425
●12.491 V	SETI 三立國際	22425
12.491 V	TVBS-G	22425
12.491 V	TVBS-N	22425
●12.491 V	UNTV	22425
●12.491 V	FTV News	22425
●12.530 V	ET Variety 東森綜合台	30000
●12.530 V	ETtoday 財經生活台	30000
●12.530 V	ETTV ASIA 東森亞洲衛視	30000
●12.530 V	ETTV Drama 東森戲劇台	30000
●12.530 V	ETTV MOVIE東森電影台	30000
●12.530 V	ETTV News 東森新聞台	30000
●12.530 V	ETTV SERVICE 12	30000
●12.530 V	ETTV SERVICE 6	30000
●12.530 V	STV 2	30000
●12.530 V	STV 超視台	30000
●12.530 V	Yo Yo TV 東森幼幼台	30000
●12.530 V	ET ASIA NEWS 東森亞洲新	30000
●12.530 V	ETTV SERVICE 10	30000
●12.530 V	ETTV SERVICE 11	30000
●12.700 V	Xizang TV1	5656
●12.700 V	Xizang TV2	5656

● 3.840 H	BFTV	27500
● 3.840 H	DVB	27500
● 3.840 H	SM2 Global Feed	27500
● 3.840 H	THE SOUNDTRACK CH	27500
● 4.031 V	TVM	6312
● 4.031 V	VOM	6312

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THA005KI

12.271 H	DLTV1	30000
12.271 H	DLTV10	30000
12.271 H	DLTV11	30000
12.271 H	DLTV12	30000
12.271 H	DLTV13	30000
12.271 H	DLTV14	30000
12.271 H	DLTV15	30000
12.271 H	DLTV2	30000
12.271 H	DLTV3	30000
12.271 H	DLTV4	30000
12.271 H	DLTV5	30000
12.271 H	DLTV6	30000
12.271 H	DLTV7	30000
12.271 H	DLTV8	30000
12.271 H	DLTV9	30000
12.271 H	ETV	30000
12.271 H	MONY	30000
12.271 H	RS79	30000
12.271 H	RS98	30000
12.271 H	TGN	30000
12.271 H	FM92	30000
12.313 H	EarthOne	30000
12.313 H	FilMagix	30000
12.313 H	KIDS CLUB	30000
12.313 H	Modern9 TV	30000
12.313 H	Nation	30000
●12.313 H	NBT	30000
12.313 H	Newsline	30000
12.313 H	Thai TV3	30000
●12.313 H	TPBS	30000
12.313 H	TV5	30000
12.313 H	TV7	30000
12.313 H	Vacant2	30000
12.313 H	Vacant3	30000
12.313 H	Dhamma	30000
12.313 H	Parliament TV	30000
12.313 H	Test	30000
●12.313 H	TVTV	30000
12.313 H	Vacant	30000
12.313 H	FM 101.0 MHz	30000
12.313 H	FM 101.75 MHz	30000
12.313 H	FM 102.5 MHz	30000
12.313 H	FM 103.5 MHz	30000

●12.272 H	DLTV1	30000
●12.272 H	DLTV10	30000
●12.272 H	DLTV11	30000
●12.272 H	DLTV12	30000
●12.272 H	DLTV13	30000
●12.272 H	DLTV14	30000
●12.272 H	DLTV15	30000
●12.272 H	DLTV2	30000
●12.272 H	DLTV3	30000
●12.272 H	DLTV4	30000
●12.272 H	DLTV5	30000
●12.272 H	DLTV6	30000
●12.272 H	DLTV7	30000
●12.272 H	DLTV8	30000
●12.272 H	DLTV9	30000
●12.272 H	ETV	30000
●12.272 H	MONY	30000
●12.272 H	TGN	30000
●12.272 H	FM92	30000
●12.313 V	EarthOne	30000
●12.313 V	FilMagix	30000
●12.313 V	KIDS CLUB	30000
●12.313 V	Modern9 TV	30000
●12.313 V	Nation	30000
●12.313 V	NBT	30000
●12.313 V	Thai TV3	30000
●12.313 V	TPBS	30000
●12.313 V	TV5	30000
●12.313 V	TV7	30000
●12.313 V	Dhamma	30000
●12.313 V	Parliament TV	30000
●12.313 V	TVTV	30000
●12.313 V	FM 101.0 MHz	30000
●12.313 V	FM 101.75 MHz	30000
●12.313 V	FM 102.5 MHz	30000
●12.313 V	FM 103.5 MHz	30000
●12.355 H	Channel2	30000
●12.355 H	Lao Star Channel	30000
●12.355 H	LNTV	30000
●12.355 H	Poper	30000
●12.355 H	Rak Thai	30000
●12.355 H	Siam Sport Channel	30000
●12.355 H	Look Thoung Rak Thai	30000
●12.355 H	Next FM	30000
●12.438 H	CH-3	30000
●12.438 H	CH-5	30000
●12.438 H	CH-7	30000
●12.438 H	CH-9	30000
●12.438 H	CH11	30000
●12.438 H	CINM	30000
●12.438 H	FL A	30000
●12.438 H	HALL	30000
●12.438 H	HBO	30000
●12.438 H	MOVH	30000
●12.438 H	RS09	30000
●12.438 H	SMES	30000
●12.438 H	STMV	30000
●12.438 H	TNN	30000
●12.438 H	TNN2	30000
●12.438 H	TPBS	30000
●12.438 H	70'S	30000
●12.438 H	80'S	30000
●12.438 H	BLUE	30000
●12.438 H	CLAS	30000
●12.438 H	CLRK	30000
●12.438 H	CONT	30000
●12.438 H	DISC	30000
●12.438 H	INST	30000
●12.438 H	JAZZ	30000
●12.438 H	JVOC	30000
●12.438 H	LOVE	30000
●12.438 H	R&B	30000
●12.438 H	R&R	30000
●12.438 H	RATP	30000
●12.438 H	SOFT	30000
●12.479 H	AFRR	30000
●12.479 H	AXN	30000
●12.479 H	CH-V	30000
●12.479 H	CHIC	30000
●12.479 H	HBOF	30000
●12.479 H	HBOH	30000
●12.479 H	HBOS	30000
●12.479 H	insE	30000
●12.479 H	LTNG	30000
●12.479 H	MA	30000
●12.479 H	MGM	30000
●12.479 H	SRES	30000
●12.479 H	TCM	30000
●12.479 H	TMUS	30000
●12.479 H	XZYT	30000
●12.479 H	ALT	30000
●12.479 H	BBCW	30000
●12.479 H	COOL	30000
●12.479 H	DANC	30000
●12.479 H	EURO	30000
●12.479 H	GET	30000
●12.479 H	GWV	30000
●12.479 H	HOTT	30000
●12.479 H	J100	30000
●12.479 H	LKTG	30000
●12.479 H	METR	30000
●12.479 H	MJNG	30000
●12.479 H	RIVR	30000
●12.479 H	SPT	30000
●12.479 H	TMSC	30000
●12.521 H	AMAX	30000
●12.521 H	BBCE	30000
●12.521 H	D RT	30000
●12.521 H	DSci	30000
●12.521 H	DSCV	30000
●12.521 H	E!	30000
●12.521 H	EXP1	30000
●12.521 H	EXP2	30000
●12.521 H	EXP3	30000
●12.521 H	HIST	30000
●12.521 H	NGAV	30000
●12.521 H	NGC	30000
●12.521 H	STC	30000
●12.521 H	SWLD	30000
●12.521 H	TVB	30000
●12.562 H	ANPL	25776
●12.562 H	D HH	25776
●12.562 H	D TL	25776
●12.562 H	Disn	25776
●12.562 H	DisP	25776
●12.562 H	GSQ	25776
●12.562 H	SPRK	25776
●12.562 H	TCCN	25776
●12.562 H	TSP1	25776
●12.562 H	TSP2	25776
●12.562 H	TSP3	25776
●12.562 H	TSP4	25776
●12.604 H	BBC	30000
●12.604 H	BMBG	30000
●12.604 H	CCTV	30000
●12.604 H	CNBC	30000
●12.604 H	CNN	30000
●12.604 H	ESPN	30000
●12.604 H	NHK	30000
●12.604 H	PPV2	30000
●12.604 H	RS67	30000
●12.604 H	SPRT	30000
●12.604 H	TSE1	30000
●12.604 H	TSE2	30000
●12.604 H	TSP5	30000
●12.604 H	TV5	30000
●12.657 H	MCT1	30000
●12.657 H	MCT2	30000
●12.657 H	PREV	30000
●12.657 H	RATV	30000
●12.657 H	RS100	30000
●12.657 H	RS106	30000
●12.657 H	RS107	30000
●12.657 H	RS110	30000
●12.657 H	TATV	30000
●12.720 H	RS117	30000
●12.720 H	RS116	30000

C-Band: THAICOM 2,5
78.6 East
THA002CR

● 3.764 H	BBTV CH 7 1	4702

THA005CG

● 3.431 H	HADI TV	13333
● 3.431 H	MANMIN-TV	13333
● 3.431 H	DASSAULT-IS704	13333
● 3.504 H	KCTV	3365
3.551 H	APOSTOLIC ONENESS	13333
3.551 H	FTV INDIA	13333
3.551 H	GOD Africa	13333
● 3.551 H	HCTV	13333
3.551 H	Marine Biz TV	13333
3.551 H	TRT INT	13333
● 3.551 H	Hornafrik Radio	13333
3.551 H	Radyo-2 (TRT FM)	13333
3.551 H	TSR Turkce	13333
3.551 H	VOT World	13333
● 3.600 H	APNA	26670
● 3.600 H	DMC	26670
● 3.600 H	KHYBER NEWS	26670
● 3.600 H	KTN	26670
● 3.600 H	S-LAND	26670
● 3.600 H	SHIN SAT 3	26670
● 3.600 H	SINDH TV	26670
● 3.600 H	TV-Paki	26670
● 3.600 H	TV5 Global	26670
● 3.600 H	Vibe	26670
● 3.600 H	VTV	26670
● 3.600 H	TGN_radio	26670
● 3.609 V	MRTV,OCCA,NDS,DSN	2500
● 3.617 V	5-CARTOONS	12500
● 3.617 V	5-MOVIES	12500
● 3.617 V	5-SERIES	12500
● 3.617 V	CNN	12500
● 3.617 V	ESPN	12500
● 3.617 V	STAR SPORTS	12500
● 3.617 V	FM RADIO	12500
● 3.617 V	MRTV	12500
● 3.617 V	MRTV-4	12500
● 3.617 V	NGC WILD	12500
● 3.617 V	RADIO-2	12500
3.640 H	BABY TV	28062
3.640 H	3ABN International	28062
3.640 H	BVN	28062
3.640 H	DAYSTAR	28062
3.640 H	KURDSAT	28062
3.640 H	LLBN TV	28062
3.640 H	Russia Today	28062
3.640 H	Svt Europa	28062
3.640 H	TCT	28062
3.640 H	TELEMEDIA	28062
3.640 H	The Word Network	28062
3.640 H	UNIV TV	28062
3.640 H	3ABN RADIO	28062
3.640 H	CVC	28062
3.640 H	DHALAD Radio	28062
3.640 H	Overcomer Radio	28062
3.640 H	Rvi1 (VRT)	28062
3.640 H	Swedish Radio 1	28062
3.640 H	Swedish Radio 2	28062
● 3.665 H	TVK CAMBODIA	3703
3.693 H	Sky 2	5000
3.693 H	Sky 1	5000
3.711 V	GOA NEWS	13330
3.711 V	HARYANA NEWS	13330
3.711 V	PUNJAB TODAY	13330
3.711 V	UP NEWS	13330
3.727 V	KHYBER NEWS	3255
3.760 V	7 Star Care	26660
3.760 V	Sanskar	26660

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3.420 V	SCOPUS-NET-TEC0	6666
3.420 V	SCOPUS-NET-TEC1	6666
3.432 V	Nepal Television 1	6664
3.432 V	Nepal Television 2	6664
3.440 V	SAMRUJLOK	5923
● 3.440 V	Music LifeStyle	5923
3.440 V	Next Step Television	5923
3.440 V	PSI Mail	5923
● 3.440 V	OK HOT	5923
● 3.440 V	OK LOVE	5923
● 3.440 V	OK LUKTUNG	5923
3.454 V	AVENUES TV	3000
● 3.464 V	ETC	3328
● 3.489 V	Sagarmatha	3332
3.521 V	LaoStar Channel	2915
● 3.544 V	Movie Hits	30000
● 3.544 V	Movie Mania	30000
● 3.544 V	MTV Thailand	30000
● 3.544 V	Nickelodeon	30000
● 3.544 V	Panorama '07	30000
● 3.544 V	Popper	30000
● 3.544 V	Rakthai	30000
● 3.544 V	VH1 Thailand	30000
● 3.544 V	World fashion Channe	30000
● 3.544 V	MY TV	30000
● 3.544 V	NEWS_LINE	30000
● 3.544 V	SHIN SAT 1	30000
● 3.544 V	SHIN SAT 2	30000
● 3.544 V	S_Look Thoung Rak Th	30000
● 3.544 V	S_Next FM	30000
● 3.575 H	MRTV	7495
● 3.575 H	MRTV3	7495
● 3.575 H	MYANMARRADIO	7495
● 3.575 H	RADIO2	7495
● 3.575 H	IPDATA1	7495
● 3.575 H	IPDATA2	7495
3.585 V	TTN	26667
3.585 V	AI-NET CHANNEL	26667
3.585 V	ETC	26667
3.585 V	ETC PANJABI	26667
3.585 V	mvtv_h plus channel	26667
3.585 V	MVTV_HITSTATION	26667
3.585 V	MVTV_MIC	26667
3.585 V	MVTV_NEWS	26667
3.585 V	MVTV_STAR	26667
3.585 V	MVTV_VARIETY	26667
● 3.585 V	NIC Channel	26667
3.585 V	P5tv	26667
3.585 V	PTC NEWS	26667
● 3.585 V	TCTV	26667
3.585 V	KCS Radio	26667
● 3.585 V	Data Broadcast SBI	26667
● 3.784 V	AVENUESTV	3333
3.814 V	MHONE NEWS	6660
3.814 V	Shraddha	6660
3.840 V	MH1Music	26667
3.840 V	Nepal1	26667
3.840 V	Sadhana	26667
● 3.865 V	NBT.	4685
● 3.874 V	Chiangmai	2530
● 3.877 V	UBON	2530
● 3.880 V	CH11 Pitsanuloke	2530
● 3.883 V	SONGKHLA 2.734	2530
● 3.887 V	CH11 CHANTABURI	2530
● 3.890 V	KHONKAEN	2530
● 3.893 V	Suratthani	2530
3.893 V	Suratthani (Talkback	2530
3.896 V	TV.11 KANCHANABUR	2530
3.920 V	EDN EDUTAINMENT N	30000
3.920 V	M1 MOVIE 1	30000
3.920 V	POP CHANNEL	30000
3.920 V	THAI CHAI YO	30000
3.920 V	VARIETY ONE	30000
3.920 V	ACE CHANNEL	30000
3.920 V	DHOOM TV	30000
3.920 V	DIN NEWS	30000
3.920 V	Kashish TV	30000
3.920 V	Kook TV	30000
● 3.920 V	Peak Channel	30000
3.920 V	SINDH TV	30000
● 3.960 V	SHINSAT 6	30000
3.960 V	APNA	30000
3.960 V	APNA NEWS	30000
3.960 V	Joo Music	30000
3.960 V	KTN	30000
3.960 V	NEWS TIME	30000
● 3.960 V	PAK TV	30000
● 3.960 V	SHINSAT 12	30000
3.960 V	SILVER SCREEN	30000
3.960 V	SINDH TV NEWS	30000
● 3.960 V	Starlite	30000
3.960 V	Vibe	30000
3.960 V	Voyages	30000
● 3.991 V	IMAYAM	13330
● 3.991 V	SHAKTI	13330
● 3.991 V	SS MUSIC	13330
● 3.991 V	SUR SANGEET	13330
● 3.991 V	TARA MUZIK	13330
● 3.991 V	TARA NEWZ	13330
● 3.991 V	TEST INDIASIGN	13330
4.106 V	ATN-Bangla	6665
● 4.122 V	KTN-KARACHI	2995
4.135 V	Apsara TV	4443
4.135 V	TV5 Cambodia	4443
4.135 V	FM 98 MHz Cambodia	4443
4.145 V	Channel-5	4615
● 4.166 V	KTN-KARACHI	3333

EXPRESS AM2
80.0 East
EXPAM2KR

10.973 V	ENISEY-REGION	4444
10.992 V	OTC	4441
10.992 V	ZV1	4441
11.463 V	Russya+Tomsk	3200

●11.044 H	Euronews	44948
●11.044 H	Eurosport	44948
●11.044 H	Eurosport 2	44948
●11.044 H	Hallmark	44948
●11.044 H	National Geographic	44948
●11.044 H	Ocean TV	44948
●11.044 H	Бибигон	44948
●11.044 H	Вести 24	44948
●11.044 H	Драйв	44948
●11.044 H	Звезда	44948
●11.044 H	Культура	44948
●11.044 H	Орион Экспресс Инфо	44948
●11.044 H	Охота и Рыбалка	44948
●11.044 H	Первый канал	44948
●11.044 H	РБК-ТВ	44948
●11.044 H	РЕН ТВ	44948
●11.044 H	Россия	44948
●11.044 H	ТВ Центр	44948
●11.044 H	ТВ-3	44948
●11.044 H	Телекафе	44948
●11.044 H	Усадьба	44948
●11.044 H	Music Love	44948
●11.044 H	Neo Music	44948
●11.044 H	Militseiskaya Volna	44948
●11.044 H	Radio Mayak	44948
●11.044 H	Test1001	44948
●11.044 H	Test1002	44948
●11.606 V	Animal Planet	44948
●11.606 V	AXN Sci Fi	44948
●11.606 V	Discovery Civilisati	44948
●11.606 V	Discovery Europe Cha	44948
●11.606 V	Discovery Science	44948
●11.606 V	Discovery Travel & L	44948
●11.606 V	Dom kino	44948
●11.606 V	Extreme Sports	44948
●11.606 V	Fox Crime	44948
●11.606 V	KidsCo	44948
●11.606 V	Telenyanya	44948
●11.606 V	TV XXI	44948
●11.606 V	Zee TV Russia	44948
●11.606 V	Идеальный Мир	44948
●11.606 V	Киномания ТВ	44948
●11.606 V	Мультимания ТВ	44948
●11.606 V	Феникс-Арт	44948
●11.606 V	Футбол	44948
●11.606 V	1TVRUS CIS	44948
●11.606 V	Бридж ТВ	44948
●11.606 V	Китай	44948

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EXPRESS AM2
80.0 East
EXPAM2CR

Freq GHz	Pol	Channel Name	Symbol rate
3.558	R	TPK-CEBEP	3214
3.561	R	TRV Muzhi	3226
3.583	R	RTPC Irkutsk	4285
3.675	R	Perviy kanal (+4h)	33484
3.675	R	Telekanal Rossiya (+	33484
3.675	R	7TV	33484
3.675	R	Kultura-2+RVKultura	33484
3.675	R	RenTV 0	33484
3.675	R	RenTV 2	33484
3.675	R	RenTV 4	33484
3.675	R	RenTV 7	33484
3.675	R	AI-15	33484
3.675	R	AI-16	33484
3.675	R	Mayak O3R	33484
3.675	R	Radio CH20	33484
3.675	R	Radio CH21	33484
3.675	R	Radio CH22	33484
3.675	R	Radio CH23	33484
3.675	R	Radio CH24	33484
3.675	R	Radio CH25	33484
3.675	R	Radio CH26	33484
3.675	R	Radio CH27	33484
3.675	R	Radio CH28	33484
3.675	R	Radio CH29	33484
3.675	R	Radio CH30	33484
3.675	R	Radio KulturaD2	33484
3.675	R	Radio RussiaD3	33484
3.675	R	Radio Unost	33484
3.928	L	5_kanal_msk	8703
3.928	L	5_kanal_sibir	8703
4.147	R	TV XXI	27500
4.147	R	7 TV	27500
4.147	R	Center TV Plus	27500
4.147	R	TVC	27500
4.147	R	TVC Siberia	27500
4.147	R	TVC Ural	27500
4.147	R	CTV Plus	27500
4.147	R	Radio 2 (test)	27500
4.147	R	Radio 4 (test)	27500
4.147	R	Radio 5 (test)	27500
4.147	R	Radio Arsenal	27500
4.147	R	Russian Public Radio	27500
4.175	R	Blagovest	4050

India
INSAT 3B,4A
83.0 East
INS04AKB

Freq GHz	Pol	Channel Name	Symbol rate
10.970	H	BBC Entertainment	27500
10.970	H	Bindass	27500
10.970	H	CBeebies	27500
10.970	H	DD Kashir	27500
10.970	H	FILMY	27500
10.970	H	HBO	27500
10.970	H	NDTV GOOD TIMES	27500
10.970	H	STAR Gold	27500
10.970	H	STAR Movies	27500
● 10.970	H	World Movies	27500
10.970	H	Zee Cafe	27500
10.970	H	Zee Cinema	27500
10.970	H	Zee Studio	27500
10.970	H	Zone Reality	27500
10.970	H	Actve Cooking Trig	27500
11.010	H	Animal Planet	27500
11.010	H	DD Chandana	27500
11.010	H	Discovery	27500
● 11.010	H	ETV Rajasthan	27500
● 11.010	H	ETV UP	27500
11.010	H	ETV2	27500
11.010	H	History	27500
11.010	H	MAA TV	27500
● 11.010	H	Topper	27500
11.010	H	Udaya 2	27500
11.010	H	Udaya Movies	27500
11.010	H	Udaya TV	27500
● 11.010	H	UTV Movies	27500
11.010	H	SDP Service	27500
11.050	H	Animax	27500
11.050	H	Cartoon Network	27500
11.050	H	Chutti TV	27500
11.050	H	Disney	27500
11.050	H	Hungama	27500
11.050	H	Kalaignar TV	27500
11.050	H	KTV	27500
11.050	H	Nick	27500
11.050	H	PIX	27500
11.050	H	Pogo	27500
11.050	H	STAR Majha	27500
11.050	H	Toon Disney	27500
11.050	H	Udaya Varthegalu	27500
11.090	H	Aastha	27500
11.090	H	Channel V	27500
11.090	H	DD Punjabi	27500
11.090	H	Discovery T & L	27500
11.090	H	Fashion TV	27500
11.090	H	INDIA TV	27500
11.090	H	Lok Sabha TV	27500
11.090	H	MH ONE Shraddha	27500
11.090	H	MTV	27500
11.090	H	Nat Geo	27500
● 11.090	H	News 24	27500
11.090	H	Sanskar	27500
11.090	H	Zee Punjabi	27500
11.090	H	Zee Trendz	27500
● 11.090	H	Rajya Sabha Trigger	27500
11.130	H	Aaj Tak	27500
11.130	H	ACTVE DARSHAN	27500
11.130	H	ACTVE NEWSROOM	27500
11.130	H	ACTVE STAR NEWS	27500
11.130	H	CNN-IBN	27500
11.130	H	DD NE	27500
11.130	H	DD News	27500
11.130	H	Headlines Today	27500
11.130	H	NDTV 24x7	27500
11.130	H	NDTV India	27500
11.130	H	STAR News	27500
11.130	H	TIMES NOW	27500
11.130	H	Zee News	27500
11.130	H	Ferrari Contest	27500
11.170	H	Asianet News	27500
11.170	H	BBC WORLD	27500
11.170	H	CNBC Awaaz	27500
11.170	H	CNBC-TV18	27500
11.170	H	CNN	27500
11.170	H	Gemini News	27500
11.170	H	Jaya	27500
11.170	H	MH One	27500
11.170	H	MI MARATHI	27500
11.170	H	NDTV Profit	27500
11.170	H	Sun Music	27500
11.170	H	Sun News	27500
11.170	H	TV9 - Kannada	27500
11.170	H	Zee Business	27500
11.470	H	ACTVE SPORTS	27500
11.470	H	Actve Sports Highlig	27500
11.470	H	ACTVE SPORTS TEST	27500
11.470	H	ESPN	27500
11.470	H	MAX	27500
● 11.470	H	NEO Cricket	27500
● 11.470	H	NEO Sports	27500
● 11.470	H	Service 1905	27500
11.470	H	STAR Cricket	27500
11.470	H	STAR Sports	27500
11.470	H	ACTVE TRIGGER ESP	27500
11.470	H	Actve Trigger NEO	27500
11.470	H	ACTVE TRIGGER SPO	27500
11.510	H	Aakaash Bangla	27500
11.510	H	AXN	27500
11.510	H	DD Bangla	27500
11.510	H	DD Oriya	27500
11.510	H	DD Sahyadri	27500
11.510	H	ETV Bangla	27500
11.510	H	ETV Kannada	27500
11.510	H	ETV Marathi	27500
11.510	H	Kiran TV	27500
11.510	H	STAR Ananda	27500
11.510	H	STAR World	27500
11.510	H	Surya TV	27500
11.510	H	Zee Bangla	27500
11.510	H	Zee Marathi	27500
11.550	H	DD Gujarati	27500
11.550	H	DD National	27500
11.550	H	ETV Gujarati	27500
11.550	H	ETV Oriya	27500
11.550	H	ETV Urdu	27500
11.550	H	SAB	27500
11.550	H	Sahara ONE	27500
11.550	H	Sony	27500
11.550	H	STAR One	27500
11.550	H	STAR Plus	27500
11.550	H	STAR Utsav	27500
11.550	H	Teja TV	27500
11.550	H	Zee Gujarati	27500
11.550	H	Zee TV	27500
11.550	H	STAR Plus Contest	27500
11.590	H	Amrita TV	27500
11.590	H	Asianet	27500
11.590	H	DD Malayalam	27500
11.590	H	DD Podhigai	27500
11.590	H	DD Saptagiri	27500
11.590	H	ETV Telugu	27500
11.590	H	Gemini Music	27500
11.590	H	Gemini TV	27500
11.590	H	Indiavision	27500
11.590	H	Kairali	27500
11.590	H	NE TV	27500
11.590	H	STAR Vijay	27500
11.590	H	Sun TV	27500
11.590	H	TV9	27500
11.590	H	HELPDESK	27500
11.630	H	ACTVE COOKING	27500
11.630	H	ACTVE DOORDARSHAN	27500
● 11.630	H	DARSHAN QUAD	27500
● 11.630	H	Help Channel	27500
● 11.630	H	HELPDESK_NEW	27500
● 11.630	H	HOME	27500
● 11.630	H	Sales Promo Channel	27500
11.630	H	Showcase	27500
11.630	H	Showcase Promo Cha..	27500
● 11.630	H	EPG Audio	27500
11.630	H	Gurbani (AIR Jall..)	27500
11.630	H	Service 2308	27500
11.670	H	9X	27500
11.670	H	DD Sports	27500
● 11.670	H	NDTV Imagine	27500
● 11.670	H	NEWSX	27500
11.670	H	Service 2401	27500
11.670	H	TEN Sports	27500
11.670	H	VH1	27500
● 11.670	H	Zoom	27500
11.670	H	ACTVE ASTROLOGY	27500
11.670	H	ACTVE GAMES	27500
11.670	H	ACTVE LEARNING	27500
11.670	H	ACTVE STORIES	27500
11.670	H	ACTVE STORIES ENG	27500
11.670	H	ACTVE STORIES HIN	27500
11.670	H	ACTVE WIZKIDS	27500
11.670	H	Contest	27500
11.670	H	Game Guru	27500
11.670	H	Games 1	27500
11.670	H	Games 2	27500
11.670	H	Games 3	27500
11.670	H	Games 4	27500
11.670	H	Games 5	27500
11.670	H	Games 6	27500
11.670	H	Games Portal	27500
11.670	H	High Score Module	27500
11.670	H	Interactive test BW	27500
11.670	H	Interactive test BW	27500
11.670	H	Interactive test BW	27500
11.670	H	Wizkids	27500
11.670	H	Wizkids5	27500

C-Band: INSAT 2E,3B,4A
83.1 East
INS02ECW

Freq GHz	Pol	Channel Name	Symbol rate
3.549	V	TV9	3255
3.643	V	Asianet	19531
3.643	V	Asianet News	19531
3.643	V	Asianet Plus	19531
3.643	V	Jeevan TV	19531
3.643	V	Sitara	19531
3.643	V	Suvarna	19531
● 3.643	V	Suvarna News	19531
3.679	V	AMRITA TV	5929
3.689	V	Ne Hi Fi	3328
● 3.696	V	ISAI ARUVI	6113
3.761	V	CNBC	6500
3.761	V	CNBC AAWAZ	6500
3.774	V	RAJ	13020
3.774	V	RAJ PLUS	13020
3.774	V	VISSA	13020
3.774	V	RAJ MUSIX	13020
● 3.774	V	RAJ NEWS	13020
3.845	V	MAA-TV	26042
3.845	V	Kairali	26042
3.845	V	Kairali WE	26042
3.845	V	kairali People	26042
3.845	V	MAKKAL TV	26042
3.845	V	TAMILAN TV	26042
3.845	V	TV 5	26042
3.845	V	WIN-TV	26042
4.005	V	ETV-2	27000
4.005	V	ETV-Bengali	27000
4.005	V	ETV-Gujarathi	27000
4.005	V	ETV-Kannada	27000
4.005	V	ETV-Marathi	27000
4.005	V	ETV-Oriya	27000
4.005	V	ETV-Telugu	27000
4.005	V	ETV-Urdu	27000
● 4.092	H	MI-MARATHI	3000

INS02ECZ

Freq GHz	Pol	Channel Name	Symbol rate
3.559	V	S1 TELEVISION	3366
3.581	V	TV-9KANNADA	3255
● 3.593	V	JAYA MAX	8680
● 3.593	V	JAYA PLUS	8680
● 3.593	V	JAYA TV	8680
3.612	V	AKAASH	9625
● 3.612	V	Channel 8	9625
3.620	V	NE TELEVISON	3333
4.070	V	DD1 2E NATIONAL	5000

INS04ACB

Freq GHz	Pol	Channel Name	Symbol rate
3.725	H	AASEERVATHAM TV	26656
● 3.725	H	D TV	26656
● 3.725	H	HARIYALI	26656
● 3.725	H	HARIYALITV	26656
3.725	H	JHANKAR MOVIE	26656
3.725	H	LEMON TV	26656
3.725	H	POWERVISION TV	26656
● 3.725	H	SPACE TV	26656
3.725	H	STANDARD WORLD	26656
3.725	H	TIMETV	26656
3.754	V	NE BANGLA	3225
● 3.756	H	Enterr10	13328
● 3.756	H	India NEWS	13328
3.756	H	Manoranjan TV	13328
3.756	H	REAL ESTATE TV	13328
3.756	H	Service 6	13328
3.756	H	Service 7	13328
● 3.756	H	Spacetoon	13328
● 3.776	H	STAR	10900
● 3.776	H	STAR ANANDA	10900
● 3.776	H	STAR NEWS	10900
● 3.776	H	STAR MAJHA	10900
3.805	H	BINDASS	28500
3.805	H	BINDASS MOVIES	28500
● 3.805	H	UTV MOVIES	28500
● 3.805	H	UTV NEWS	28500
● 3.805	H	WORLD MOVIES	28500
● 3.805	H	AZAD NEWS	28500
3.805	H	CHANNEL 1	28500
● 3.805	H	NEWS LIVE	28500
● 3.805	H	OTV	28500
3.805	H	PRAGYA	28500
3.805	H	SHALOM TV	28500
3.805	H	SUDARSHAN TV	28500
● 3.805	H	SVBC	28500
3.805	H	YO MUSIC	28500
● 3.828	H	SCOPUS-NET-TECH	3200
● 3.838	H	INDIAVISION	3333
● 3.843	H	YES INDIAVISION	3333
3.852	H	CTVN AKD PLUS	3265
3.856	H	kasthuri TV	3463
3.899	H	Bhakti	6800
● 3.899	H	NTV	6800
● 3.922	H	MUSIC INDIA	13000
3.922	H	SANGEET BANGLA	13000
● 3.922	H	SATSANG	13000
3.922	H	TOTAL TV	13000
3.922	H	TV 100	13000
● 3.923	V	MMINTL	3000
3.934	V	KALAIGNAR	13020
3.934	V	MEGATV	13020
3.934	V	SUBHAVAARTHA	13020
● 3.936	H	9x	10100
● 3.936	H	9xM	10100
● 3.936	H	NewsX	10100
3.975	V	SANSKRUTI	13330
● 3.975	V	TV9 GUJARATI	13330
3.976	H	ZEE NEXT	3200
● 4.004	H	ETV 2	22210
● 4.004	H	ETV Bengali	22210
● 4.004	H	ETV Gujrathi	22210
● 4.004	H	ETV Kannada	22210
● 4.004	H	ETV Marathi	22210
● 4.004	H	ETV Oriya	22210
● 4.004	H	ETV Telugu	22210
● 4.004	H	ETV Bihar	22210
● 4.004	H	ETV Madhya Pradesh	22210
● 4.004	H	ETV Rajasthan	22210
● 4.004	H	ETV Urdu	22210
● 4.004	H	ETV Uttar Pradesh	22210
● 4.040	H	ASHIRWAD	7500
● 4.040	H	Cinext	7500
4.042	V	Angel TV	8000
4.042	V	God's learning Chann	8000
● 4.042	V	JEYAM TV	8000
4.042	V	Tristit TV	8000
● 4.050	V	JAI HIND	5085
● 4.071	H	HOME SHOP18	6500
● 4.071	H	IBN SOUTH	6500
● 4.071	H	TOPPER	6500
● 4.080	H	IBN LOKMAT	6500
● 4.087	H	LIVE INDIA	3300
4.100	H	BBS TV	4750
4.100	H	BBS FM	4750
4.100	H	Kuzoo FM	4750
● 4.115	H	MMCAL	5555
● 4.115	H	MMCOCHIN	5555
● 4.115	H	MMTVM	5555
● 4.134	H	E 24	10600
● 4.134	H	BIZ 24	10600
● 4.134	H	LIFE24	10600
● 4.134	H	NEWS 24	10600
● 4.151	H	ZEE KANNADA	6500
● 4.151	H	ZEE TELUGU	6500
● 4.151	H	24 GHANTA	6500
● 4.160	H	PLAY TV	6500
● 4.160	H	ZEE TALKIES	6500
● 4.160	H	24 TAAS	6500
4.170	H	LSTV	4650
4.181	H	KOLKATATV	3234

INTELSAT 709
85.0 East
INT709ME

Freq GHz	Pol	Channel Name	Symbol rate
11.584	H	Kurdsat	3254
11.591	H	SkyARCS Saudi Inte	2637
11.599	H	Feeds (2XG-EN2)	3000
11.599	H	RRSat Promo	3255
11.605	H	Feeds (2XG-EN2)	3600
11.679	H	Feeds (SNG-006B)	3255

C-Band: CHINASTAR 1
87.5 East
CHI001CB

Freq GHz	Pol	Channel Name	Symbol rate
3.733	H	MYAWADY TV	5925

C-Band: ST 1
88.0 East
STC001CB

Freq GHz	Pol	Channel Name	Symbol rate
3.413	V	UBC Thailand	3618
3.550	V	1_VL Cinema	30000
3.550	V	2_VL Nipponese	30000
3.550	V	3_VL Drama	30000
3.550	V	4_VL Ensemble	30000
3.550	V	5_VL Sports	30000
3.550	V	6_VL Edu & Ent	30000
3.550	V	9_Ad hoc feed	30000
● 3.550	V	7_ch7	30000
3.550	V	8_UTV MOMO	30000
3.550	V	Life TV	30000
3.633	V	1_VL Cinema	30000
3.633	V	2_VL Nipponese	30000
3.633	V	3_VL Drama	30000
3.633	V	4_VL Ensemble	30000
3.633	V	5_VL Sports	30000
3.633	V	6_VL Edu & Ent	30000
3.633	V	9_Ad hoc feed	30000
● 3.633	V	7_ch7	30000
3.633	V	8_UTV MOMO	30000
3.633	V	Life TV	30000
● 3.671	H	Ch_1 BTS	9255
● 3.671	H	Ch_2 Life TV	9255
● 3.671	H	Ch_3	9255
● 3.671	H	Ch_4 TEST	9255
● 3.679	H	CHT	3000
3.688	H	Service 2	3000

India
ST 1
88.1 East
STC001K2

Freq GHz	Pol	Channel Name	Symbol rate
● 11.510	V	TVLanka 2	3000
● 11.510	V	TVL Radio 1	3000
● 11.510	V	TVL Radio 3	3000
● 11.510	V	TVL Radio 4	3000
● 11.510	V	TVL Radio 5	3000
● 11.606	H	News One ISB	2000
● 11.609	H	News One Lahore	2000

YAMAL 201
90.0 East
YAM201KB

Freq GHz	Pol	Channel Name	Symbol rate
● 10.995	V	YAMAL	4285
● 11.057	V	CTC+7	26470
● 11.057	V	Home+7	26470
● 11.057	V	NTV2	26470
● 11.057	V	NTV4	26470
● 11.057	V	SHKOLNIK	26470
● 11.057	V	TNT 2	26470
● 11.057	V	TNT 4	26470
● 11.057	V	DFM_REGION	26470
● 11.057	V	HIT_FM	26470
● 11.057	V	MAXIMUM	26470
● 11.057	V	RSN	26470
● 11.057	V	RUSSIAN_RADIO	26470
● 11.057	V	Audio 31 F-Way+Novos	26470
● 11.092	V	CHANSON	26470
● 11.092	V	PARK RAZVL	26470
● 11.092	V	SOVSEKRETNO	26470
● 11.092	V	BIBIGON	26470
● 11.092	V	CTC+4	26470
● 11.092	V	FOOTBALL	26470
● 11.092	V	Home+4	26470
● 11.092	V	RENTV4	26470
● 11.092	V	RENTV7	26470
● 11.092	V	RIK	26470
● 11.092	V	Europa Plus	26470
● 11.092	V	Radio 7	26470
● 11.092	V	Retro FM	26470

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11.092

YAMAL 201
90.0 East
YAM201CB

Freq GHz	Pol	Channel Name	Symbol rate
3.550	L	Altyn Asyr	20000
3.550	L	Miras	20000
3.550	L	Turkmenistan TV-4	20000
3.550	L	Yaslyk	20000
3.606	L	Fashion TV Russia	2626
3.645	L	Sport	28000
3.645	L	DTV +7	28000
3.645	L	NTV7	28000
3.645	L	Test 1	28000
3.645	L	TNT	28000
3.645	L	TV ZVEZDA	28000
3.645	L	TV3	28000
3.674	L	MTV	17500
3.674	L	SGU TV	17500
3.674	L	SPAS	17500
3.674	L	TV-3 PLUS 3	17500
3.674	L	TV-3 PLUS 7	17500
3.725	L	Skvortsovo	3200
3.729	L	GTRK Dalnevostochnay	4283
3.900	L	ROSTOV-TV1	4285
3.906	L	ROSTOV-TV2	4265
3.944	L	AM LIFE	15550
3.944	L	O2TV	15550
3.944	L	RUTV	15550
3.944	L	Radio Radonezh/Famil	15550
3.944	L	Radio Zvezda	15550
3.944	L	Russkoe Mezhdunarodn	15550
4.042	R	HUMOR TV	8679
4.042	R	MUSIC BOX RU	8679
4.042	R	MUSIC BOX TV	8679
4.085	R	107-8	2500
4.085	R	Avtoradio	2500
4.085	R	Dinamit	2500
4.085	R	Echo Moscow	2500
4.085	R	Energia	2500
4.085	R	Monte Carlo	2500
4.085	R	Retro	2500
4.085	R	Russkoe-2	2500

Indonesia
MEASAT 3
91.5 East
MEA003KI

Freq GHz	Pol	Channel Name	Symbol rate
10.982	V	AXN	30000
10.982	V	DISN	30000
10.982	V	HBO	30000
10.982	V	HHD	30000
10.982	V	NGEO	30000
10.982	V	PHDC	30000
10.982	V	RIA	30000
10.982	V	SMV	30000
10.982	V	TVBS	30000
10.982	V	VAAN	30000
10.982	V	WLT	30000
● 10.982	V	DS DMR 101	30000
● 10.982	V	SWAP	30000
● 11.062	V	AEC	30000
● 11.062	V	CER	30000
● 11.062	V	CINE	30000
● 11.062	V	CNN	30000
● 11.062	V	DISC	30000
● 11.062	V	PHNX	30000
● 11.062	V	PRIMA	30000
● 11.062	V	SUN	30000
● 11.062	V	TVB8	30000
● 11.062	V	VT	30000
● 11.062	V	XHE	30000
● 11.062	V	ERA	30000
● 11.062	V	GOLD	30000
● 11.062	V	HITZ	30000
● 11.062	V	IB	30000
● 11.062	V	JAZ	30000
● 11.062	V	LITE	30000
● 11.062	V	MIX	30000
● 11.062	V	MLD	30000
● 11.062	V	MSQA	30000
● 11.062	V	MY	30000
● 11.062	V	NLG	30000
● 11.062	V	OPUS	30000
● 11.062	V	OSAI	30000
● 11.062	V	PLAY	30000
● 11.062	V	RAAGA	30000
● 11.062	V	ROCK	30000
● 11.062	V	SINAR	30000
● 11.062	V	XF FM	30000
● 11.062	V	DS DMR 103	30000
● 11.062	V	RAD	30000
● 11.102	V	8TV	30000
● 11.102	V	ABO	30000
● 11.102	V	ANIM	30000
● 11.102	V	BRTV	30000
● 11.102	V	CEL	30000
● 11.102	V	ESPN	30000
● 11.102	V	HITZ	30000
● 11.102	V	KIRA	30000
● 11.102	V	RTM1	30000
● 11.102	V	SHX	30000
● 11.102	V	SPRT	30000
● 11.102	V	ASL	30000
● 11.102	V	DS DMR 104	30000
● 11.182	V	@15	30000
● 11.182	V	ASSP	30000
● 11.182	V	BBCE	30000
● 11.182	V	BTV	30000
● 11.182	V	CTV4	30000
● 11.182	V	DH&H	30000
● 11.182	V	DRT	30000
● 11.182	V	E!	30000
● 11.182	V	HMK	30000
● 11.182	V	JYU	30000
● 11.182	V	SM	30000
● 11.182	V	SWR	30000
● 11.182	V	TVIQ	30000
● 11.182	V	INFO	30000
● 11.182	V	DS DMR 106	30000
● 11.482	V	@15	30000
● 11.482	V	AOD	30000
● 11.482	V	APL	30000
● 11.482	V	ASSP	30000
● 11.482	V	BBC	30000
● 11.482	V	BBCE	30000
● 11.482	V	BTV	30000
● 11.482	V	CNBC	30000
● 11.482	V	CTV4	30000
● 11.482	V	CTV9	30000
● 11.482	V	DH&H	30000
● 11.482	V	DRT	30000
● 11.482	V	DSCI	30000
● 11.482	V	E!	30000
● 11.482	V	ES	30000
● 11.482	V	GC	30000
● 11.482	V	HMK	30000
● 11.482	V	JYU	30000
● 11.482	V	MTV	30000
● 11.482	V	NTV7	30000
● 11.482	V	PIN	30000
● 11.482	V	SM	30000
● 11.482	V	SWR	30000
● 11.482	V	TVIQ	30000
● 11.482	V	INFO	30000
● 11.482	V	DS DMR 106	30000
● 11.482	V	DS DMR 201	30000
● 11.522	V	@15	30000
● 11.522	V	[V]	30000
● 11.522	V	AFC	30000
● 11.522	V	AOD	30000
● 11.522	V	ART	30000
● 11.522	V	ASSP	30000
● 11.522	V	BBCE	30000
● 11.522	V	BTV	30000
● 11.522	V	CTV4	30000
● 11.522	V	DH&H	30000
● 11.522	V	DRT	30000
● 11.522	V	E!	30000
● 11.522	V	HMK	30000
● 11.522	V	JYU	30000
● 11.522	V	NEWS	30000
● 11.522	V	SM	30000
● 11.522	V	SWR	30000
● 11.522	V	TEST1	30000
● 11.522	V	TEST2	30000
● 11.522	V	TVIQ	30000
● 11.522	V	INFO	30000
● 11.522	V	DS DMR 106	30000
● 11.522	V	DS DMR 202	30000
● 11.562	V	@15	30000
● 11.562	V	[V]	30000
● 11.562	V	AFC	30000
● 11.562	V	AOD	30000
● 11.562	V	ART	30000
● 11.562	V	ASSP	30000
● 11.562	V	BBCE	30000
● 11.562	V	BTV	30000
● 11.562	V	CHTV	30000
● 11.562	V	CTV4	30000
● 11.562	V	DH&H	30000
● 11.562	V	DRT	30000
● 11.562	V	E!	30000
● 11.562	V	HMK	30000
● 11.562	V	JYU	30000
● 11.562	V	KBSW	30000
● 11.562	V	MAK	30000
● 11.562	V	NEWS	30000
● 11.562	V	NICK	30000
● 11.562	V	SM	30000
● 11.562	V	SWR	30000
● 11.562	V	TEST1	30000
● 11.562	V	TEST2	30000
● 11.562	V	TV9	30000
● 11.562	V	TVIQ	30000
● 11.562	V	XTY	30000
● 11.562	V	INFO	30000
● 11.562	V	DS DMR 106	30000
● 11.562	V	DS DMR 202	30000
● 11.563	V	@15	30000
● 11.563	V	[V]	30000
● 11.563	V	AFC	30000
● 11.563	V	AOD	30000
● 11.563	V	ART	30000
● 11.563	V	ASSP	30000
● 11.563	V	BBCE	30000
● 11.563	V	BTV	30000
● 11.563	V	CHTV	30000
● 11.563	V	CTV4	30000
● 11.563	V	DH&H	30000
● 11.563	V	DRT	30000
● 11.563	V	E!	30000
● 11.563	V	HMK	30000
● 11.563	V	JYU	30000
● 11.563	V	KBSW	30000
● 11.563	V	MAK	30000
● 11.563	V	NEWS	30000
● 11.563	V	NICK	30000
● 11.563	V	SM	30000
● 11.563	V	SWR	30000
● 11.563	V	TEST1	30000
● 11.563	V	TEST2	30000
● 11.563	V	TV9	30000
● 11.563	V	TVIQ	30000
● 11.563	V	XTY	30000
● 11.563	V	INFO	30000
● 11.563	V	DS DMR 106	30000
● 11.563	V	DS DMR 202	30000
● 11.602	V	@15	30000
● 11.602	V	[V]	30000
● 11.602	V	AFC	30000
● 11.602	V	AJE	30000
● 11.602	V	AOD	30000
● 11.602	V	AODP	30000
● 11.602	V	ART	30000
● 11.602	V	ARU	30000
● 11.602	V	ASSP	30000
● 11.602	V	AWANI	30000
● 11.602	V	BBCE	30000
● 11.602	V	BTV	30000
● 11.602	V	CHTV	30000
● 11.602	V	CI	30000
● 11.602	V	CTV4	30000
● 11.602	V	DH&H	30000
● 11.602	V	DRT	30000
● 11.602	V	E!	30000
● 11.602	V	ETVA	30000
● 11.602	V	HMK	30000
● 11.602	V	JYU	30000
● 11.602	V	KBSW	30000
● 11.602	V	MAK	30000
● 11.602	V	NEWS	30000
● 11.602	V	NICK	30000
● 11.602	V	OAS	30000
● 11.602	V	RTM2	30000
● 11.602	V	SM	30000
● 11.602	V	SWR	30000
● 11.602	V	TEST1	30000
● 11.602	V	TEST2	30000
● 11.602	V	TRAV	30000
● 11.602	V	TV3	30000
● 11.602	V	TV9	30000
● 11.602	V	TVIQ	30000
● 11.602	V	WATV	30000
● 11.602	V	XTY	30000
● 11.602	V	ZEE	30000
● 11.602	V	INFO	30000
● 11.602	V	DS DMR 106	30000
● 11.602	V	DS DMR 202	30000
● 11.602	V	DS DMR 204	30000
● 11.642	V	@15	30000
● 11.642	V	[V]	30000
● 11.642	V	AFC	30000
● 11.642	V	AOD	30000
● 11.642	V	ART	30000
● 11.642	V	ASSP	30000
● 11.642	V	BBCE	30000
● 11.642	V	BTV	30000
● 11.642	V	CHTV	30000
● 11.642	V	CTV4	30000
● 11.642	V	DH&H	30000
● 11.642	V	DRT	30000
● 11.642	V	E!	30000
● 11.642	V	HMK	30000
● 11.642	V	JYU	30000
● 11.642	V	KBSW	30000
● 11.642	V	MAK	30000
● 11.642	V	NEWS	30000
● 11.642	V	NICK	30000
● 11.642	V	SM	30000
● 11.642	V	SWR	30000
● 11.642	V	TEST1	30000
● 11.642	V	TEST2	30000
● 11.642	V	TV9	30000
● 11.642	V	TVIQ	30000
● 11.642	V	XTY	30000
● 11.642	V	AOD	30000
● 11.642	V	CTWK	30000
● 11.642	V	INFO	30000
● 11.642	V	TEST	30000
● 11.642	V	DS DMR 106	30000
● 11.642	V	DS DMR 202	30000
● 11.642	V	DS DMR 205	30000
● 11.682	V	@15	30000
● 11.682	V	[V]	30000
● 11.682	V	AFC	30000
11.682	V	AOD	30000
● 11.682	V	ART	30000
● 11.682	V	ASSP	30000
● 11.682	V	BBCE	30000
● 11.682	V	BTV	30000
● 11.682	V	CHTV	30000
● 11.682	V	CTV4	30000
● 11.682	V	CTWK	30000
● 11.682	V	DH&H	30000
● 11.682	V	DRT	30000
● 11.682	V	E!	30000
11.682	V	HIST	30000
● 11.682	V	HMK	30000
● 11.682	V	JYU	30000
● 11.682	V	KBSW	30000
● 11.682	V	MAK	30000
● 11.682	V	NEWS	30000
11.682	V	NHK	30000
● 11.682	V	NICK	30000
● 11.682	V	SM	30000
● 11.682	V	SWR	30000
● 11.682	V	TEST	30000
● 11.682	V	TEST1	30000
● 11.682	V	TEST2	30000
● 11.682	V	TV9	30000
● 11.682	V	TVIQ	30000
● 11.682	V	XTY	30000
● 11.682	V	AOD	30000
● 11.682	V	INFO	30000
● 11.682	V	DS DMR 106	30000
● 11.682	V	DS DMR 202	30000
● 11.682	V	DS DMR 205	30000
● 11.682	V	DS DMR 206	30000
● 11.833	V	@15	30000
● 11.833	V	[V]	30000
● 11.833	V	AFC	30000
● 11.833	V	AOD	30000
● 11.833	V	ART	30000
● 11.833	V	ASSP	30000
● 11.833	V	BBCE	30000
● 11.833	V	BTV	30000
● 11.833	V	CHTV	30000
● 11.833	V	CTV4	30000
● 11.833	V	CTWK	30000
● 11.833	V	DH&H	30000
● 11.833	V	DRT	30000
● 11.833	V	E!	30000
● 11.833	V	HMK	30000
● 11.833	V	JYU	30000
● 11.833	V	KBSW	30000
● 11.833	V	MAK	30000
● 11.833	V	NEWS	30000
● 11.833	V	NICK	30000
● 11.833	V	SM	30000
● 11.833	V	SWR	30000
● 11.833	V	TEST	30000
● 11.833	V	TEST1	30000
● 11.833	V	TEST2	30000
● 11.833	V	TV9	30000
● 11.833	V	TVIQ	30000
● 11.833	V	XTY	30000
● 11.833	V	AOD	30000
● 11.833	V	INFO	30000
● 11.833	V	DS DMR 106	30000
● 11.833	V	DS DMR 202	30000
● 11.833	V	DS DMR 205	30000
● 11.957	V	AOD	30000
● 11.957	V	@15	30000
● 11.957	V	[V]	30000
● 11.957	V	AFC	30000
● 11.957	V	AOD	30000
● 11.957	V	ART	30000
● 11.957	V	ASSP	30000
● 11.957	V	BBCE	30000
● 11.957	V	BTV	30000
● 11.957	V	CHTV	30000
● 11.957	V	CTV4	30000
● 11.957	V	CTWK	30000
● 11.957	V	DH&H	30000
● 11.957	V	DRT	30000
● 11.957	V	E!	30000
● 11.957	V	HMK	30000
● 11.957	V	JYU	30000
● 11.957	V	KBSW	30000
● 11.957	V	MAK	30000
● 11.957	V	NEWS	30000
● 11.957	V	NICK	30000
● 11.957	V	SM	30000
● 11.957	V	SWR	30000
● 11.957	V	TEST	30000
● 11.957	V	TEST1	30000
● 11.957	V	TEST2	30000
● 11.957	V	TV9	30000
● 11.957	V	TVIQ	30000
● 11.957	V	XTY	30000
● 11.957	V	AOD	30000
● 11.957	V	INFO	30000
● 11.957	V	DS DMR 106	30000
● 11.957	V	DS DMR 202	30000
● 11.957	V	DS DMR 205	30000
● 12.333	V	@15	30000
● 12.333	V	[V]	30000
● 12.333	V	AFC	30000
● 12.333	V	AOD	30000
● 12.333	V	ART	30000
● 12.333	V	ASSP	30000
● 12.333	V	BBCE	30000
● 12.333	V	BTV	30000
● 12.333	V	CHTV	30000
● 12.333	V	CTV4	30000
● 12.333	V	CTWK	30000
● 12.333	V	DH&H	30000
● 12.333	V	DRT	30000
● 12.333	V	E!	30000
● 12.333	V	HMK	30000
● 12.333	V	JYU	30000
● 12.333	V	KBSW	30000
● 12.333	V	MAK	30000
● 12.333	V	NEWS	30000
● 12.333	V	NICK	30000
● 12.333	V	SM	30000
● 12.333	V	SWR	30000
● 12.333	V	TEST	30000
● 12.333	V	TEST1	30000
● 12.333	V	TEST2	30000
● 12.333	V	TV9	30000
● 12.333	V	TVIQ	30000
● 12.333	V	XTY	30000
● 12.333	V	AOD	30000
● 12.333	V	INFO	30000
● 12.333	V	DS DMR 106	30000
● 12.333	V	DS DMR 202	30000
● 12.333	V	DS DMR 205	30000
● 12.414	V	@15	30000
● 12.414	V	[V]	30000
● 12.414	V	AOD	30000
● 12.414	V	ART	30000
● 12.414	V	ASSP	30000
● 12.414	V	BBCE	30000
● 12.414	V	BTV	30000
● 12.414	V	CHTV	30000
● 12.414	V	CTV4	30000
● 12.414	V	CTWK	30000
● 12.414	V	DH&H	30000
● 12.414	V	DRT	30000
● 12.414	V	E!	30000
● 12.414	V	HMK	30000
● 12.414	V	JYU	30000
● 12.414	V	KBSW	30000
● 12.414	V	MAK	30000
● 12.414	V	NEWS	30000
● 12.414	V	NICK	30000
● 12.414	V	SM	30000
● 12.414	V	SWR	30000
● 12.414	V	TEST	30000
● 12.414	V	TEST1	30000
● 12.414	V	TEST2	30000
● 12.414	V	TV9	30000
● 12.414	V	TVIQ	30000
● 12.414	V	XTY	30000
● 12.414	V	AFC	30000
● 12.414	V	AOD	30000
● 12.414	V	INFO	30000
● 12.414	V	DS DMR 106	30000
● 12.414	V	DS DMR 202	30000
● 12.414	V	DS DMR 205	30000
● 12.493	V	@15	30000
● 12.493	V	[V]	30000
● 12.493	V	AFC	30000
● 12.493	V	AOD	30000
● 12.493	V	ART	30000
● 12.493	V	ASSP	30000
● 12.493	V	BBCE	30000
● 12.493	V	BTV	30000
● 12.493	V	CHTV	30000
● 12.493	V	CTV4	30000
● 12.493	V	CTWK	30000
● 12.493	V	DH&H	30000
● 12.493	V	DRT	30000
● 12.493	V	E!	30000
● 12.493	V	HMK	30000
● 12.493	V	JYU	30000
● 12.493	V	KBSW	30000
● 12.493	V	MAK	30000
● 12.493	V	NEWS	30000
● 12.493	V	NICK	30000
● 12.493	V	SM	30000
● 12.493	V	SWR	30000
● 12.493	V	TEST	30000
● 12.493	V	TEST1	30000
● 12.493	V	TEST2	30000
● 12.493	V	TV9	30000
● 12.493	V	TVIQ	30000
● 12.493	V	XTY	30000
● 12.493	V	AOD	30000
● 12.493	V	INFO	30000
● 12.493	V	DS DMR 106	30000
● 12.493	V	DS DMR 202	30000
● 12.493	V	DS DMR 205	30000

C-Band: MEASAT 3
91.6 East
MEA003CG

Freq GHz	Pol	Channel Name	Symbol rate
3.721	V	TV NATIN	2170
● 3.721	V	BEAT	2170
● 3.721	V	DZRH	2170
● 3.721	V	HOT FM	2170
● 3.721	V	KIDS FM	2170
● 3.721	V	LOVE	2170
● 3.721	V	RN	2170
● 3.721	V	YES FM	2170
● 3.786	V	9MHz, PAL, 1 Audio	7030
3.795	V	HTV7	7030
3.795	V	HTV9	7030
● 3.795	V	SAIGON_FM	7030
● 3.802	V	AMNSSG Adhoc Encod	3255
3.840	V	AFC	30000
● 3.840	V	ARUNA	30000
3.840	V	BBC Entertainment	30000
● 3.840	V	CCM	30000
3.840	V	Celestial 1	30000
3.840	V	Celestial 2	30000
3.840	V	CRIME&INVESTIGATI	30000
3.840	V	GOLF	30000
3.840	V	HISTORY	30000
3.840	V	JIA YU	30000
3.865	V	Sabah TV	3835
3.865	V	Sabah FM	3835
3.865	V	Sabah FM1	3835
3.865	V	Sabah FM3	3835
3.865	V	Sabah FM4	3835
3.877	V	RTM 1	12520
3.877	V	RTM 2	12520
● 3.877	V	RTM FEED 1	12520
3.877	V	RTM FEED 2	12520
3.877	V	AI FM	12520
3.877	V	ASYIK FM	12520
3.877	V	KLASIK NASIONAL F	12520
3.877	V	MINNAL FM	12520
3.877	V	MUZIK FM	12520
3.877	V	SUARA MALAYSIA 1	12520
3.877	V	SUARA MALAYSIA 2	12520
3.877	V	TRAXX FM	12520
3.888	V	RTM Sarawak TV	3980
3.888	V	Red FM	3980
3.888	V	Sarawak FM	3980
3.888	V	Sarawak FM 4	3980
3.888	V	Sarawak FM 5	3980
3.888	V	Wai FM	3980
● 3.920	V	Filmazia	28000
● 3.920	V	MTV Pakistan	28000
● 3.920	V	WFC	28000
● 3.920	V	Film World	28000
● 3.920	V	Indus Vision	28000

India
MEASAT 3
91.7 East
MEA003KA

Freq GHz	Pol	Channel Name	Symbol rate
● 12.523	V	Headlines Today	27500
● 12.523	V	Mosaic 3	27500
● 12.523	V	Aaj Tak Tez	27500
● 12.523	V	B4U Music	27500
● 12.523	V	Gemini Music	27500
● 12.523	V	Mosaic 7	27500
● 12.523	V	MTV India	27500
● 12.523	V	NG - Data - 2	27500
● 12.523	V	Nick	27500
● 12.523	V	Sahara National	27500
● 12.523	V	Star Utsav	27500
● 12.523	V	VH1 India	27500
● 12.523	V	Zee Bangla	27500
● 12.523	V	Zee Business	27500
● 12.523	V	Zee Cafe	27500
● 12.523	V	Zee Cinema	27500
● 12.523	V	Zee Music	27500
● 12.523	V	Zee News	27500
● 12.523	V	Zee Studio	27500
● 12.523	V	Zee Trendz	27500
● 12.523	V	Zee TV	27500
● 12.523	V	Zoom TV	27500
12.563	V	Big TV	27500
● 12.563	V	BOLLY ACTION 1	27500
● 12.563	V	BOLLY BLOCKBUSTER	27500
● 12.563	V	BOLLY BLOCKBUSTER	27500
● 12.563	V	BOLLY CLASSIC	27500
● 12.563	V	BOLLY COMEDY 1	27500
● 12.563	V	BOLLY COMEDY 2	27500
● 12.563	V	BOLLY COMEDY 3	27500
● 12.563	V	BOLLY FAMILY 1	27500
● 12.563	V	BOLLY FAMILY 2	27500
● 12.563	V	BOLLY FAMILY 3	27500
● 12.563	V	BOLLY FAMILY 4	27500
● 12.563	V	BOLLY FAMILY 5	27500
● 12.563	V	BOLLY KIDS	27500
● 12.563	V	BOLLY MEGA HIT 1	27500
● 12.563	V	BOLLY MEGA HIT 2	27500
● 12.563	V	BOLLY ROMANCE	27500
● 12.563	V	HOLLY BLOCKBUSTER	27500
● 12.563	V	HOLLY BLOCKBUSTER	27500
● 12.563	V	HOLLY BLOCKBUSTER	27500
● 12.563	V	NG - Data - 8	27500
● 12.603	V	Mosaic 4	27500
● 12.603	V	9XM	27500
● 12.603	V	Channel V	27500
● 12.603	V	CNN	27500
● 12.603	V	History Channel	27500
● 12.603	V	JANMAT	27500
● 12.603	V	Mosaic 1	27500
● 12.603	V	Music India	27500
● 12.603	V	National Geographic	27500
● 12.603	V	NDTV 24x7	27500
● 12.603	V	NDTV Good Times	27500
● 12.603	V	NDTV INDIA	27500
● 12.603	V	NDTV Profit	27500
● 12.603	V	NG - Data - 5	27500
● 12.603	V	Sahara Filmy	27500
● 12.603	V	Sahara One	27500
● 12.603	V	Star Gold	27500
● 12.603	V	Star Movies	27500
● 12.603	V	Star News	27500
● 12.603	V	Star One	27500
● 12.603	V	Star Plus	27500
● 12.603	V	Star Sports	27500
● 12.603	V	Star Vijay	27500
● 12.603	V	Star World	27500
● 12.603	V	Ten Sports	27500
● 12.603	V	UTV Movies	27500
● 12.643	V	Animax	27500
● 12.643	V	AXN	27500
● 12.643	V	Bindass	27500
● 12.643	V	DD Bangla	27500
● 12.643	V	DD Gujarati	27500
● 12.643	V	DD Lok Sabha	27500
● 12.643	V	DD Malayalam	27500
● 12.643	V	DD National	27500
● 12.643	V	DD News	27500
● 12.643	V	DD Rajya Sabha	27500
● 12.643	V	DD Sahyadri	27500
● 12.643	V	DD Sapthagiri	27500
● 12.643	V	DD Urdu	27500
● 12.643	V	ESPN	27500
● 12.643	V	Gyan Darshan	27500
● 12.643	V	Mosaic 5	27500
● 12.643	V	NG - Data - 6	27500
● 12.643	V	Star Ananda	27500
● 12.643	V	Star Cricket	27500
● 12.643	V	Toon Disney India	27500
● 12.643	V	Zee Kannada	27500
● 12.643	V	Zee Talkies	27500
● 12.643	V	Zee Telugu	27500
● 12.683	H	Air Bangla	27500
● 12.683	H	Air Hindi	27500
● 12.683	H	Air Kannada	27500
● 12.683	H	Air Marathi	27500
● 12.683	H	Air Punjabi	27500
● 12.683	H	Air Tamil	27500
● 12.683	H	Air Telugu	27500
● 12.683	H	Air VBS	27500
● 12.683	H	FM Gold Mumbai	27500
● 12.683	H	Radio Kashmir	27500
● 12.683	H	Aakaash	27500
● 12.683	H	Amrita TV	27500
● 12.683	V	Animal Planet	27500
● 12.683	H	Asianet Global	27500
● 12.683	H	Asianet News	27500
● 12.683	H	Asianet Plus	27500
● 12.683	V	Cartoon Network	27500
● 12.683	V	CNN IBN	27500
● 12.683	V	Discovery	27500
● 12.683	V	Discovery Travel & L	27500
● 12.683	V	Disney Channel	27500
● 12.683	V	ETV 2	27500
● 12.683	H	ETV Bihar	27500
● 12.683	V	ETV Gujarati	27500
● 12.683	V	ETV Kannada	27500
● 12.683	V	ETV Marathi	27500
● 12.683	H	ETV MP	27500
● 12.683	V	ETV Oriya	27500
● 12.683	H	ETV Rajasthan	27500
● 12.683	V	ETV Telugu	27500
● 12.683	H	ETV UP	27500
● 12.683	V	ETV Urdu	27500
● 12.683	V	HBO	27500
● 12.683	H	Hungama TV	27500
● 12.683	V	IBN7	27500
● 12.683	H	Jaya TV	27500
● 12.683	H	Kairali	27500
● 12.683	V	Maa TV	27500
● 12.683	H	Manorama News	27500
● 12.683	V	Mosaic 2	27500
● 12.683	V	Mosaic 6	27500
● 12.683	H	Neo Sport Plus	27500
● 12.683	H	Neo Sports	27500
● 12.683	V	NG - Data - 4	27500
● 12.683	H	NG - Data -1	27500
● 12.683	H	NG - OCode	27500
● 12.683	V	Pix	27500
● 12.683	V	Pogo	27500
● 12.683	V	SAB TV	27500
● 12.683	V	Set Max	27500
● 12.683	V	Sony	27500
● 12.683	H	TCM	27500
● 12.683	H	Times Now	27500
● 12.683	H	TV 9	27500
● 12.683	H	TV 9 Kannada	27500
● 12.683	V	Zee Classic	27500
● 12.683	H	Zee Gujarati	27500
● 12.683	H	Zee Marathi	27500
● 12.683	V	Zee Premiere	27500
● 12.683	H	Zee Punjabi	27500
● 12.683	V	Zee Sports	27500
● 12.723	H	AAJ TAK	27500
● 12.723	V	Customer Care	27500
● 12.723	V	HOLLY ACTION 1	27500
● 12.723	V	HOLLY ACTION 2	27500
● 12.723	V	HOLLY ACTION 3	27500
● 12.723	V	HOLLY BLOCKBUSTER	27500
● 12.723	V	HOLLY CLASSIC 1	27500
● 12.723	V	HOLLY CLASSIC 2	27500
● 12.723	V	HOLLY FAMILY 1	27500
● 12.723	V	HOLLY FAMILY 2	27500
● 12.723	V	HOLLY HORROR	27500
● 12.723	V	HOLLY MEGA HIT 1	27500
● 12.723	V	HOLLY MEGA HIT 2	27500
● 12.723	H	Aastha TV	27500
● 12.723	H	Bindass Movies	27500
● 12.723	H	CNBC Awaaz	27500
● 12.723	H	CNBC TV 18	27500
● 12.723	H	DD Bharti	27500
● 12.723	H	DD Sports	27500
● 12.723	H	ETC	27500
● 12.723	H	ETC Punjabi	27500
● 12.723	H	Fashion TV India	27500
● 12.723	V	Games Portal	27500
● 12.723	H	GOD TV	27500
● 12.723	H	India TV	27500
● 12.723	H	MH 1	27500
● 12.723	H	Mi Marathi	27500
● 12.723	H	NDTV Imagine	27500
● 12.723	H	NG - Data - 3	27500
● 12.723	V	NG - Data - 7	27500
● 12.723	H	Sanskar	27500
● 12.723	H	SS Music	27500
● 12.723	H	Star Majha	27500
● 12.723	H	Sun Music	27500
● 12.723	H	World Movies	27500
● 12.723	H	Zee 24 Taas	27500
● 12.723	H	Zee Aakash 24 Ghante	27500

C-Band: INSAT 3A,4B
93.5 East
INS03ACE

Freq GHz	Pol	Channel Name	Symbol rate
4.131	V	RTA - Kabul	4000
4.131	V	RADIO	4000
4.136	V	Ningarhar Service	2000
4.141	V	ARIANA INT'L	5148
4.141	V	ARIANA NATIONAL	5148
● 4.141	V	ARIANA FM	5148

INS03ACI

Freq GHz	Pol	Channel Name	Symbol rate
3.731	V	DD Bangla	6250
3.731	V	Kolkata Feed	6250
3.740	V	DD PUNJABI	6250
3.740	V	JALANDHAR FEED	6250
● 3.749	V	Ahmedabad Feed	6250
● 3.749	V	DD Gujrati	6250
3.758	V	DD BANGALORE NEWS	6250
3.758	V	DD CHANDANA	6250
3.771	V	DD Feed - BBSR	6250
3.771	V	DD Oriya	6250
3.781	V	DD-KASHIR (SRINAG	6250
3.781	V	DD-News feed(SRIN	6250
3.791	V	NEWS-FEED	8600
3.791	V	DD SAHYADRI	8600
3.791	V	MUMBAI-FEED	8600
3.800	V	DD URDU	4250
3.811	V	DD Malayalam RLSS	6250
3.811	V	NEWS DDK Trivandru	6250
3.820	V	News feed hyd (News	6250
● 3.820	V	News feed hyd (Sapth	6250
● 3.831	V	Chennai feed - 1	8600
● 3.831	V	Podhigai	8600
3.931	V	DD-News feed(Shimla)	6250
● 3.931	V	DD-Shimla	6250
3.941	V	DD-Jaipur	6250
3.941	V	DD-N/FeedJaipur	6250
3.950	V	DD-Bhopal	6250
3.950	V	DD-News feed(Bhopal)	6250
3.960	V	DD-Lucknow	6250
3.960	V	DD-News feed(Lucknow	6250
● 4.093	V	DDSHG-NEWSFEED	6250
● 4.093	V	DDSHG-REGIONAL	6250
4.101	V	AIZAWL-REGIONAL	6250
4.101	V	DD-AZL-NEWSFEED	6250

INS04BCE

Freq GHz	Pol	Channel Name	Symbol rate
● 3.725	H	DD BANGLA	27500
● 3.725	H	DD BHARATI	27500
● 3.725	H	DD FEED 4B	27500
● 3.725	H	DD INDIA	27500
● 3.725	H	DD NATIONAL	27500
● 3.725	H	DD NEWS	27500
● 3.725	H	DD RAJYA SABHA	27500
● 3.725	H	DD URDU	27500
● 3.762	H	DD Chhattisgarh	4250
● 3.803	H	DDK-HISAR	4250
● 3.822	H	DDK PORTBLAIR	4250
● 3.833	H	DD Patna	6250
● 3.833	H	Feed DD Patna	6250
● 3.840	H	DD-13	6250
● 3.840	H	DDGUW-NFEED	6250
3.885	H	GEMINI CABLE VISI	28000
3.885	H	GEMINI MUSIC	28000
3.885	H	GEMINI NEWS	28000
3.885	H	GEMINI TV	28000
3.885	H	K TV	28000
3.885	H	SUN MUSIC	28000
3.885	H	SUN NEWS	28000
3.885	H	SUN TV	28000
3.885	H	TEJA TV	28000
3.885	H	UDAYA MOVIES	28000
3.885	H	UDAYA TV	28000
3.885	H	UDAYA VARTHEGALU	28000
3.885	H	CHUTTI TV	28000
3.885	H	KIRAN TV	28000
3.885	H	SURYA TV	28000
3.885	H	S FM BANGALORE 93	28000
3.885	H	S FM HYDERABAD 93	28000
3.885	H	SURYAN FM 93.5	28000
● 4.045	H	ADITHYA TV	28000
● 4.045	H	TEJA NEWS	28000
● 4.045	H	UDAYA NEWS	28000
● 4.045	H	USHE TV	28000
● 4.045	H	UDAYA II	28000

INSAT 4B
93.6 East
INS04BKB

Freq GHz	Pol	Channel Name	Symbol rate
● 10.990	V	LOK SABHA TV	27500
10.990	V	DD BANGLA	27500
10.990	V	DD BHARATI	27500
10.990	V	DD GUJARATI	27500
10.990	V	DD INDIA	27500
● 10.990	V	DD KASHIR	27500
10.990	V	DD NATIONAL	27500
10.990	V	DD NEWS	27500
10.990	V	DD SPORTS	27500
10.990	V	DD-CHANDANA	27500
10.990	V	AIR MARATHI	27500
10.990	V	AIR TAMIL	27500
10.990	V	AIR TELUGU	27500
10.990	V	AIR VBS	27500
11.030	V	Gemini TV	27500
11.030	V	Jaya TV	27500
11.030	V	K TV	27500
11.030	V	Kalaignar TV	27500
11.030	V	Kiran TV	27500
11.030	V	SS Music	27500
11.030	V	Sun TV	27500
11.030	V	Surya TV	27500
11.030	V	Teja	27500
11.030	V	Udaya	27500
11.030	V	Udaya Movies	27500
11.070	V	DD MALAYALAM	27500
11.070	V	DD NORTH EAST	27500
11.070	V	DD ORIYA	27500
11.070	V	DD PODHIGAI	27500
● 11.070	V	DD PUNJABI	27500
11.070	V	DD RAJYA SABHA	27500
11.070	V	DD SAHYADRI	27500
11.070	V	DD SAPTAGIRI	27500
11.070	V	ENTER10	27500
11.070	V	MH1 MUSIC	27500
11.070	V	AIR GUJRATI	27500
11.070	V	AIR PUNJABI	27500
11.070	V	FM GOLD	27500
11.070	V	FM RAINBOW	27500
11.110	V	B4u Music	27500
11.110	V	Bhakti TV	27500
● 11.110	V	Bindass Movies	27500
11.110	V	Chutti TV	27500
11.110	V	ETV 2	27500
11.110	V	ETV Telugu	27500
11.110	V	Gemini Music	27500
11.110	V	Gemini News	27500
11.110	V	Maa TV	27500
11.110	V	Shalom TV	27500
11.110	V	Star Majaa	27500
11.110	V	Sun Music	27500
11.110	V	Sun News	27500
11.110	V	TV5 Telugu	27500
11.110	V	TV9	27500
● 11.110	V	World Movies	27500
● 11.150	V	AASTHA	27500
● 11.150	V	9XM	27500
11.150	V	ETC	27500
11.150	V	KAIRALI TV	27500
11.150	V	MAKKAL TV	27500
11.150	V	PTC NEWS	27500
11.150	V	SMILE TV	27500
11.150	V	TIME TV	27500
11.150	V	TOTAL TV	27500
11.150	V	ZEE JAGRAN	27500
11.150	V	AIR BANGLA	27500
11.150	V	AIR HINDI	27500
11.150	V	AIR KANNADA	27500
11.150	V	AIR N E	27500
11.185	V	DW TV	20000
11.185	V	ETV Urdu	20000
11.185	V	Jain TV	20000
11.185	V	Kairali	20000
11.185	V	Makkal TV	20000
11.185	V	Mega TV	20000
11.185	V	Podhigai	20000
11.185	V	Sahara	20000
11.185	V	Star Utsav	20000
11.185	V	Win TV	20000
11.185	V	Yo Music	20000
11.185	V	SFM - B'lore	20000
11.185	V	SFM Hyderabad	20000
11.185	V	SuryanFM	20000
● 11.490	V	DW-TV	27500
11.490	V	TEST -16	27500
11.490	V	TEST -17	27500
11.490	V	TEST -18	27500
11.490	V	TEST -19	27500
11.490	V	TEST -20	27500
● 11.490	V	TEST 13	27500
11.490	V	TEST-12	27500
11.490	V	TEST-14	27500
11.490	V	TEST-15	27500
11.490	V	AIR ASSAMESE	27500
11.490	V	AIR MALAYALAM	27500
11.490	V	FM GOLD-MUM	27500
11.490	V	FM R'BOW-CHN	27500
● 11.490	V	RADIO KASHMIR	27500
● 11.530	V	9X	27500
● 11.530	V	9XM	27500
11.530	V	Asianet Suvarna	27500
11.530	V	ETV Kannada	27500
11.530	V	K TEST	27500
11.530	V	MI Marathi	27500
11.530	V	N TV	27500
11.530	V	NDTV Good Times	27500
11.530	V	NE TV	27500
11.530	V	Nepal TV	27500
11.530	V	TV 9 Kannada	27500
11.530	V	Udaya 2	27500
11.530	V	Udaya Varthegalu	27500
● 11.570	V	B4U Music	27500
11.570	V	DD URDU	27500
11.570	V	GYANDARSHAN-1	27500
11.570	V	GYANDARSHAN-2	27500
11.570	V	JAIHIND TV	27500
11.570	V	Kalaignar TV	27500
11.570	V	MEGA TV	27500
11.570	V	MUSIC INDIA	27500
● 11.570	V	STAR UTSAV	27500
11.570	V	WIN TV	27500
11.570	V	AIR ORIYA	27500
11.570	V	AIR RAGAM	27500
11.570	V	AIR URDU	27500
11.570	V	FM R'BOW-BLR	27500
11.610	V	Akash bangla	27500
11.610	V	Amrita	27500
11.610	V	Angel TV	27500
11.610	V	Asianet	27500
11.610	V	Asianet News	27500
11.610	V	Asianet Plus	27500
● 11.610	V	Bindass	27500
11.610	V	ETV Marathi	27500
11.610	V	God TV	27500
11.610	V	India Vision	27500
11.610	V	Jeevan	27500
11.610	V	Kairali People	27500
11.610	V	Kairali We	27500
11.610	V	O TV	27500
11.610	V	Sanskar	27500
11.610	V	Shakthi TV	27500
11.644	V	7 Star Care	20000
11.644	V	ABC	20000
● 11.644	V	CCTV 9	20000
11.644	V	Daystar	20000
11.644	V	Manorama news	20000
11.644	V	NDTV 24x7	20000
11.644	V	NDTV India	20000
11.644	V	NDTV Profit	20000
● 11.681	V	Mosaic Test	9500
11.681	V	SN	9500

India
INSAT 4B
95.0 East
INS04BKB

Freq GHz	Pol	Channel Name	Symbol rate
● 10.990	V	LOK SABHA TV	27500
● 10.990	V	DD BANGLA	27500
● 10.990	V	DD BHARATI	27500
● 10.990	V	DD GUJARATI	27500
● 10.990	V	DD INDIA	27500
● 10.990	V	DD KASHIR	27500
● 10.990	V	DD NATIONAL	27500
● 10.990	V	DD NEWS	27500
● 10.990	V	DD SPORTS	27500
● 10.990	V	DD-CHANDANA	27500
● 10.990	V	AIR MARATHI	27500
● 10.990	V	AIR TAMIL	27500
● 10.990	V	AIR TELUGU	27500
● 10.990	V	AIR VBS	27500
● 11.030	V	Gemini TV	27500
● 11.030	V	Jaya TV	27500
● 11.030	V	K TV	27500
● 11.030	V	Kalaignar TV	27500
● 11.030	V	Kiran TV	27500
● 11.030	V	SM	27500
● 11.030	V	SP	27500
● 11.030	V	SS Music	27500
● 11.030	V	Sun TV	27500
● 11.030	V	Surya TV	27500
● 11.030	V	Teja	27500
● 11.030	V	Udaya	27500
● 11.030	V	Udaya Movies	27500
● 11.030	V	VI TEST	27500
● 11.070	V	DD MALAYALAM	27500
● 11.070	V	DD NORTH EAST	27500
● 11.070	V	DD ORIYA	27500
● 11.070	V	DD PODHIGAI	27500
● 11.070	V	DD PUNJABI	27500
● 11.070	V	DD RAJYA SABHA	27500
● 11.070	V	DD SAHYADRI	27500
● 11.070	V	DD SAPTAGIRI	27500
● 11.070	V	ENTER10	27500
● 11.070	V	MH1 MUSIC	27500
● 11.070	V	AIR GUJRATI	27500
● 11.070	V	AIR PUNJABI	27500
● 11.070	V	FM GOLD	27500
● 11.070	V	FM RAINBOW	27500
● 11.110	V	B4U Music	27500
● 11.110	V	Bhakti TV	27500
● 11.110	V	Bindass Movies	27500
● 11.110	V	Chutti TV	27500
● 11.110	V	CV-1	27500
● 11.110	V	ETV 2	27500
● 11.110	V	ETV Telugu	27500
● 11.110	V	Gemini Music	27500
● 11.110	V	Gemini News	27500
● 11.110	V	Maa TV	27500
● 11.110	V	Shalom TV	27500
● 11.110	V	Star Majaa	27500
● 11.110	V	Sun Music	27500
● 11.110	V	Sun News	27500
● 11.110	V	TV5 Telugu	27500
● 11.110	V	TV9	27500
● 11.110	V	World Movies	27500
● 11.150	V	AASTHA	27500
● 11.150	V	9XM	27500
● 11.150	V	ETC	27500
● 11.150	V	KAIRALI TV	27500
● 11.150	V	MAKKAL TV	27500
● 11.150	V	PTC NEWS	27500
● 11.150	V	SMILE TV	27500
● 11.150	V	TIME TV	27500
● 11.150	V	TOTAL TV	27500
● 11.150	V	ZEE JAGRAN	27500
● 11.150	V	AIR BANGLA	27500
● 11.150	V	AIR HINDI	27500
● 11.150	V	AIR KANNADA	27500
● 11.150	V	AIR N E	27500
● 11.185	V	DW TV	20000
● 11.185	V	ETV Urdu	20000
● 11.185	V	Jain TV	20000
● 11.185	V	Kairali	20000
● 11.185	V	Makkal TV	20000
● 11.185	V	Mega TV	20000
● 11.185	V	Podhigai	20000
● 11.185	V	Sahara	20000
● 11.185	V	SG	20000
● 11.185	V	SO	20000
● 11.185	V	Star Utsav	20000
● 11.185	V	Win TV	20000
● 11.185	V	Yo Music	20000
● 11.185	V	SFM - B'lore	20000
● 11.185	V	SFM Hyderabad	20000
● 11.185	V	SuryanFM	20000
● 11.490	V	DW-TV	27500
● 11.490	V	KBS WORLD	27500
● 11.490	V	NEWS LIVE	27500
● 11.490	V	NHK WORLD	27500
● 11.490	V	TEST -16	27500
● 11.490	V	TEST -17	27500
● 11.490	V	TEST -18	27500
● 11.490	V	TEST -19	27500
● 11.490	V	TEST -20	27500
● 11.490	V	TEST-15	27500
● 11.490	V	AIR ASSAMESE	27500
● 11.490	V	AIR MALAYALAM	27500
● 11.490	V	FM GOLD-MUM	27500
● 11.490	V	FM R'BOW-CHN	27500
● 11.490	V	RADIO KASHMIR	27500
● 11.530	V	9X	27500
● 11.530	V	9XM	27500
● 11.530	V	Asianet Suvarna	27500
● 11.530	V	ETV Kannada	27500
● 11.530	V	K TEST	27500
● 11.530	V	MI Marathi	27500
● 11.530	V	N TV	27500
● 11.530	V	NDTV Good Times	27500
● 11.530	V	NE TV	27500
● 11.530	V	Nepal TV	27500
● 11.530	V	SW	27500
● 11.530	V	TV 9 Kannada	27500
● 11.530	V	Udaya 2	27500
● 11.530	V	Udaya Varthegalu	27500
● 11.570	V	B4U Music	27500
● 11.570	V	DD URDU	27500
● 11.570	V	GYANDARSHAN-1	27500
● 11.570	V	GYANDARSHAN-2	27500
● 11.570	V	JAIHIND TV	27500
● 11.570	V	Kalaignar TV	27500
● 11.570	V	MEGA TV	27500
● 11.570	V	MUSIC INDIA	27500
● 11.570	V	STAR UTSAV	27500
● 11.570	V	WIN TV	27500
● 11.570	V	AIR ORIYA	27500
● 11.570	V	AIR RAGAM	27500
● 11.570	V	AIR URDU	27500
● 11.570	V	FM R'BOW-BLR	27500
● 11.610	V	Akash bangla	27500
● 11.610	V	Amrita	27500
● 11.610	V	Angel TV	27500
● 11.610	V	Asianet	27500
● 11.610	V	Asianet News	27500
● 11.610	V	Asianet Plus	27500
● 11.610	V	Bindass	27500
● 11.610	V	ETV Marathi	27500
● 11.610	V	God TV	27500
● 11.610	V	HC	27500
● 11.610	V	India Vision	27500
● 11.610	V	Jeevan	27500
● 11.610	V	Kairali People	27500
● 11.610	V	Kairali We	27500
● 11.610	V	N TEST	27500
● 11.610	V	O TV	27500
● 11.610	V	Sanskar	27500
● 11.610	V	Shakti TV	27500
● 11.610	V	UTV Movies	27500
● 11.645	V	ABC	20000
● 11.645	V	CCTV 9	20000
● 11.645	V	Daystar	20000
● 11.645	V	Manorama news	20000
● 11.645	V	NDTV 24x7	20000
● 11.645	V	NDTV India	20000
● 11.645	V	NDTV Profit	20000
● 11.682	V	N TEST	9500
● 11.682	V	NP TEST	9500
● 11.682	V	SN	9500

NSS006IN

Freq GHz	Pol	Channel Name	Symbol rate
● 11.038	H	CHANNEL V	40700
● 11.038	H	CNBC AWAAZ	40700
● 11.038	H	CNN IBN	40700
● 11.038	H	DISNEY CHANNEL	40700
● 11.038	H	ETV 2	40700
● 11.038	H	ETV BANGLA	40700
● 11.038	H	ETV GUJARATI	40700
● 11.038	H	ETV KANNDA	40700
● 11.038	H	ETV ORIYA	40700
● 11.038	H	ETV TELUGU	40700
● 11.038	H	ETV UP	40700
● 11.038	H	ETV URDU	40700
● 11.038	H	HISTORY CHANNEL	40700
● 11.038	H	HUNGAMA	40700
● 11.038	H	KHEL ACTIVE	40700
● 11.038	H	KIDS ACTIVE	40700
● 11.038	H	NAT GEO	40700

TV Digital
Radio Digital
TV Digital Crypt
Radio Digital Crypt
TV High Definition
TV High Definition Crypt
Data Channel
TV Analog
Radio Analog

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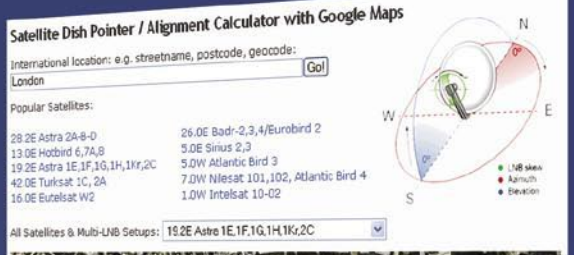

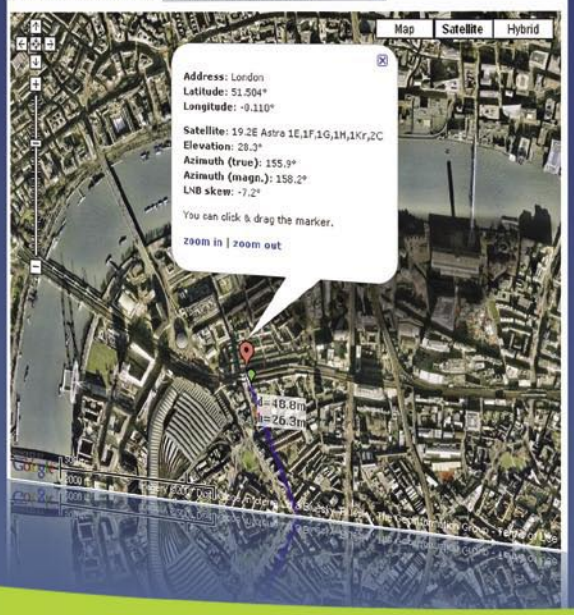

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MAXDIGITAL

The World's Largest Satellite Magazine TELE SATELLITE & BROADBAND

DISHPOINTER Software Solution that, with the help of Google Maps and its real images as well as SatcoDX and its up-to-date channel data, provides highly accurate satellite reception information.

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SatcoDX Global Satellite Chart 06/2008

Freq Pol Channel Name Symbol rate GHz

- 3.580 H Animal Planet 28000
- 3.580 H Cartoon 28000
- 3.580 H Cinemax 28000
- 3.580 H CNBC 28000
- 3.580 H CNN 28000
- 3.580 H Discovery 28000
- 3.580 H HBO 28000
- 3.580 H KBS World 28000
- 3.580 H MTV 28000
- 3.580 H NGC 28000
- 3.580 H NHK 28000
- 3.580 H Nickleodeon 28000
- 3.580 H Star Movie 28000
- 3.580 H Star Sports 28000
- 3.580 H Star World 28000
- 3.580 H TV One 28000
- 3.580 H Radio Test 28000
- 3.620 H AFAC 28000
- 3.620 H Animax 28000
- 3.620 H ANK 28000
- 3.620 H BBC 28000
- 3.620 H Celestial 28000
- 3.620 H Channel 2 28000
- 3.620 H Discovery RT 28000
- 3.620 H Discovery TL 28000
- 3.620 H Disney 28000
- 3.620 H E! 28000
- 3.620 H ESPN 28000
- 3.620 H Fashion TV 28000
- 3.620 H Hallmark 28000
- 3.620 H HBO Signature 28000
- 3.620 H Ten Sport 28000
- 3.620 H Telkomvision 28000
- 3.795 H Feeds [TELKOM IND 30000
- 4.075 H TV7-Network 6000
- 4.085 H TransTV_Test1 6000

China

NSS 11

108.2 East

NSS011CH

- 12.531 V III 26667
- 12.531 V III 26667
- 12.531 V III 26667
- 12.531 V III 26667
- 12.531 V III 26667
- 12.531 V III 26667
- 12.531 V III 26667
- 12.531 V III 26667
- 12.531 V III 26667
- 12.531 V III 26667
- 12.531 V III 26667
- 12.531 V III 26667
- 12.611 V III 26667
- 12.611 V III 26667
- 12.611 V III 26667
- 12.611 V III 26667
- 12.611 V III 26667
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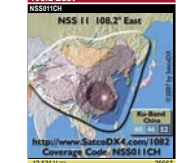
- 12.611 V III 26667
- 12.689 V III 26667
- 12.689 V III 26667

NSS011HK



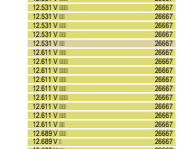
- 12.316 V MYUNG SUNG 3680
- 12.411 V Baro-TV 11110
- 12.411 V JBS 11110
- 12.411 V ZAMJARI 1 11110
- 12.411 V ZAMJARI 2 11110
- 12.411 V LGCC-DigitalNink 11110

India

NSS 11

108.3 East

NSS011SA



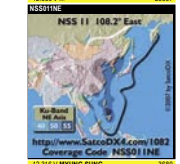
- 12.316 V MYUNG SUNG 3680
- 12.411 V Baro-TV 11110
- 12.411 V JBS 11110
- 12.411 V ZAMJARI 1 11110
- 12.411 V LGCC-DigitalNink 11110

India

NSS 11

108.3 East

NSS011SA



- 12.731 H (Empty) 30000
- 12.327 H ASHIRWAD 5000
- 12.473 H IPDVB Service 900 3355
- 12.473 H RCS Map Table 60 3355

BSAT 1A,2A

110.0 East

BSA01AKB

- 11.804 H Wowow
- 11.843 H NHK BS-1
- 11.881 H NHK Hi-Vision
- 11.919 H NHK BS-2

BSA02AKB

- 11.727 H BS Asahi (Ch 151)
- 11.727 H BS Asahi (Ch 152)
- 11.727 H BS Asahi (Ch 153)
- 11.727 H BS-i
- 11.766 H Wowow
- 11.766 H Wowow 2
- 11.766 H BS Japan
- 11.766 H St.Giga
- 11.766 H BSJ Radio
- 11.858 H BS Fuji
- 11.958 H BS Nippon
- 11.958 H BS NTV Radio 2
- 11.958 H BSQR 489
- 11.958 H Healing Station
- 11.958 H LIFX 488
- 11.996 H BS Asahi
- 11.996 H Star Channel
- 11.996 H NHK BS-1
- 11.996 H NHK BS-2
- 11.996 H BS & M 318
- 11.996 H Blooming 316
- 11.996 H JFN Satellite Radio
- 11.996 H Opera My Seat
- 11.996 H World Tour Station

Freq Pol Channel Name Symbol rate GHz

N-SAT 110

110.1 East

JCS110KB

- 12.291 R Plat One Promo 13000
- 12.291 R 60s/70s Rock & Pops 13000
- 12.291 R 80s/90s Rock & Pops 13000
- 12.291 R Beatles 13000
- 12.291 R Borderless 13000
- 12.291 R C&W 13000
- 12.291 R Cafés Sound 13000
- 12.291 R Fusion 13000
- 12.291 R Healing 13000
- 12.291 R J-Pop Classic 13000
- 12.291 R J-Pop Hits 13000
- 12.291 R Kids 13000
- 12.291 R Latin 13000
- 12.291 R Nippon Song 13000
- 12.291 R R&B Soul 13000
- 12.291 R Right Classic 13000
- 12.291 R Rock & Pops Best Hit 13000
- 12.291 R Soundteria 13000
- 12.291 R Soundtrack 13000
- 12.291 R Strings 13000
- 12.291 R Swing 13000
- 12.331 R Cartoon Network Japa 13000
- 12.331 R Fighting TV Samurai! 13000
- 12.331 R Fox Channel 13000
- 12.331 R Space Shower TV 13000
- 12.371 R Sky Perfect TV Promo 13000
- 12.371 R AXN Japan 13000
- 12.371 R Channel Neco 13000
- 12.371 R Cinelli Imagica 13000
- 12.371 R Eisei Gekijo 13000
- 12.371 R Nihon Eiga 13000
- 12.371 R Super Channel 13000
- 12.371 R Tool Channel 13000
- 12.411 R EP 56 10720
- 12.411 R EP Promo 10720
- 12.451 R BBTV 27500
- 12.451 R Dlifesson TV 27500
- 12.451 R Wowow PPV1 27500
- 12.451 R Wowow PPV2 27500
- 12.451 R Wowow PPV3 27500
- 12.451 R Wowow PPV4 27500
- 12.491 R Asahi NewStar 10490
- 12.491 R BBC World 10490
- 12.491 R CNN international As 10490
- 12.491 R Comic Soon TV 10490
- 12.491 R FavorITV 10490
- 12.491 R MTV Japan 10490
- 12.491 R The Golf Channel 10490
- 12.531 R J Sky Sports 1 27500
- 12.531 R J Sky Sports 2 27500
- 12.531 R J Sky Sports 3 27500
- 12.531 R Sky A 27500
- 12.531 R Sports+ESPN 27500
- 12.531 R Active! Sports Chann 27500
- 12.551 L U-One TV 29915
- 12.551 L SCC Promo 29915
- 12.571 R AT-X 27500
- 12.571 R CSN ! Movie Channel 27500
- 12.571 R Takarazuka Sky Stage 27500
- 12.571 R The History Channel 27500
- 12.571 R Takarazuka Sky Stage 27500
- 12.611 R Golf Network 27500
- 12.611 R LaLa TV 27500
- 12.611 R Nikkei CNBC 27500
- 12.611 R Shop Channel 27500
- 12.651 R Animal Planet Japan 27500
- 12.651 R Animax 27500
- 12.651 R Discovery Channel Ja 27500
- 12.651 R Fuji TV 721 27500
- 12.651 R Fuji TV 739 27500
- 12.691 R Family Gekijyo 27500
- 12.691 R Kids Station 27500
- 12.691 R TBS Channel 27500
- 12.691 R Viewsic 27500
- 12.691 R C-TBS Welcome Chan 27500
- 12.691 R GVC Japan 27500
- 12.730 R Bloomberg TV Japan 27500
- 12.730 R Data College 27500
- 12.730 R DPSTV 27500
- 12.730 R G+ Sport&News 27500
- 12.730 R Music Japan TV 27500
- 12.730 R NNN 24 27500
- 12.730 R Science Channel 27500

C-Band: SINOSAT 1

110.5 East

SIN001CB

- 3.824 V Human university 2100
- 4.067 V GW L1R31 5990
- 4.067 V GW L1R14 5990
- 4.067 V GW L1R16 5990
- 4.067 V GW L17R18 5990
- 4.067 V GW L19R28 5990
- 4.067 V GW L21R22 5990
- 4.067 V GW L23R24 5990
- 4.067 V GW L23R26 5990
- 4.067 V GW L27R28 5990
- 4.067 V GW L29R30 5990
- 4.067 V K15 stero 5990
- 4.067 V Lzh5 Rzh6 5990
- 4.067 V Lzh8 Rdy 5990
- 4.067 V SW1 stero 5990
- 4.067 V SW2 stero 5990
- 4.067 V ZH1 stero 5990
- 4.067 V ZH2 stero 5990
- 4.067 V ZH3 stero 5990
- 4.067 V ZH7 stero 5990
- 4.067 V zh7-2 Stereo 5990

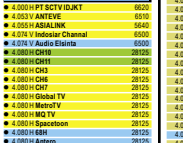
C-Band: PALAPA C2

112.9 East

PALAPA C2 112.9° East

PALC2CE

- 3.765 H TVRI JKT 5555
- 3.774 H rcti 6520
- 3.774 H rcti2 6520
- 3.774 H Trijaya Network 6520
- 3.926 H Service 1 4208
- 3.934 H PT SCTV IDJKT 6620
- 3.936 V MNC INTERNATIONAL 3000
- 4.056 V ANTEVE 6510
- 4.185 V TPI TV 6700
- 4.185 V RADIO DANGDUT TPI 6700



- 4.000 H PT SCTV IDJKT 6620
- 4.053 V ANTEVE 6510
- 4.055 H ASIALINK 5640
- 4.074 V Indosiar Channel 6500
- 4.074 V Audio Elsinta 6500
- 4.080 H CH10 28125
- 4.080 H CH11 28125
- 4.080 H CH3 28125
- 4.080 H CH6 28125
- 4.080 H CH7 28125
- 4.080 H Global TV 28125
- 4.080 H Metro TV 28125
- 4.080 H MQ TV 28125
- 4.080 H Spacetoon 28125
- 4.080 H 6BN 28125
- 4.080 H Antero 28125
- 4.080 H BBC 28125
- 4.080 H Delta FM1 28125
- 4.080 H Delta2 FM 28125
- 4.080 H POP FM 28125
- 4.080 H Pro2 FM 28125

KOREASAT 2

113.1 East

KOR002KB

- 12.362 H NongHyup 13785
- 12.458 H DIGITAL SNG 3072
- 12.503 H CBS 7603
- 12.503 H CH-I KIDZONE 7603
- 12.503 H first 7603
- 12.578 H EBS CAT HUB1 5230
- 12.601 V FGTV SAT 3700
- 12.619 H [S]-ch 12297
- 12.619 H hanTV 12297
- 12.619 H SBC 12297

C-Band: CHINASAT 6B

115.5 East

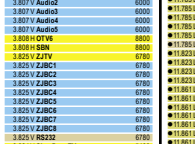
CH006CB

- 3.706 H FujianRadio1 4420
- 3.706 H FujianTV1 4420
- 3.730 H PhoC 10720
- 3.730 H PhoE 10720
- 3.730 H PhoM 10720
- 3.740 V HD 27500
- 3.740 V CMC 27500
- 3.740 V CMC 27500
- 3.740 V MOTION 27500
- 3.750 H hnstv 10490
- 3.750 H jykaton 10490
- 3.750 H hnjj 10490
- 3.750 H hnjt 10490
- 3.750 H hnwy 10490
- 3.750 H hnxw 10490
- 3.750 H (Empty) 10490
- 3.771 H CCTV-E 9370
- 3.771 H CCTV-F 9370
- 3.771 H CCTV-4 9370
- 3.771 H CCTV-9 9370
- 3.780 V DONGMAH1 27500
- 3.780 V ENGLISH 27500
- 3.780 V EXHIBITION 27500
- 3.780 V FOOD 27500
- 3.780 V FOOTBALL1 27500
- 3.786 H sichuan 5440
- 3.786 H scgb1 5440
- 3.786 H scgb2 5440
- 3.786 H scgb3 5440
- 3.786 H scgb4 5440
- 3.786 H scgb5 5440
- 3.786 H scgb6 5440
- 3.786 H scgb7 5440
- 3.796 H GZTV 6930
- 3.796 H GZ-GDSBG 6930
- 3.796 H GZ-JJGB 6930
- 3.796 H GZ-JTGB 6930
- 3.796 H GZ-KWZHGB 6930
- 3.796 H GZ-YYGB 6930
- 3.807 V ChongqingTV 6000
- 3.807 V Audio1 6000
- 3.807 V Audio2 6000
- 3.807 V Audio3 6000
- 3.807 V Audio4 6000
- 3.807 V Audio5 6000
- 3.807 V Audio6 6000
- 3.808 H OTV6 8800
- 3.808 H SBN 8800
- 3.825 V ZJTV 6780
- 3.825 V ZJBC1 6780
- 3.825 V ZJBC2 6780
- 3.825 V ZJBC3 6780
- 3.825 V ZJBC4 6780
- 3.825 V ZJBC5 6780
- 3.825 V ZJBC6 6780
- 3.825 V ZJBC7 6780
- 3.825 V ZJBC8 6780
- 3.825 H RS232 6780
- 3.834 V ShanDongTV 5400
- 3.834 V SDJiaoTong 5400
- 3.834 V SDJingJi 5400
- 3.834 V SDRenMin 5400
- 3.834 V SDShengHuo 5400
- 3.834 V SDWenTi 5400
- 3.834 V SDXiangCun 5400
- 3.840 H CCTV-1 27500
- 3.840 H CCTV-10 27500
- 3.840 H CCTV-11 27500
- 3.840 H CCTV-12 27500
- 3.840 H CCTV-2 27500
- 3.840 H CCTV-7 27500
- 3.840 H CCTV-MUSIC 27500
- 3.840 H Skystream data 27500
- 3.846 V SHANXI TV 5950
- 3.854 V Henan TV 4400
- 3.854 V HN Radio1 4420
- 3.854 V HN Radio2 4420
- 3.854 V HN Radio4 4420
- 3.854 V HN Radio5 4420
- 3.854 V (Empty) 4420
- 3.861 V Ningxia TV 4800
- 3.861 V Ningxia Radio 4800
- 3.871 V SXTV 9075
- 3.871 V SXTVS 9075
- 3.871 V SX-DuShi-BC 9075
- 3.871 V SX-JiaoYu-BC 9075
- 3.871 V SX-JingJi-BC 9075
- 3.871 V SX-NCIGS-BC 9075
- 3.871 V SX-ShaoEr-BC 9075
- 3.871 V SX-XinWen-BC 9075
- 3.871 V SX-XiQu-BC 9075
- 3.871 V SX-YinYue-BC 9075
- 3.880 H CCTV-3 27500
- 3.880 H CCTV-5 27500
- 3.880 H CCTV-6 27500
- 3.880 H CCTV-8 27500
- 3.880 H CCTV-新闻 27500
- 3.880 H CCTV-少儿 27500
- 3.885 V SDETV 4340
- 3.892 V JXTV1 4420
- 3.892 V JXTV2 4420
- 3.892 V JXTV3 4420
- 3.892 V JXTV4 4420
- 3.900 V JSTV 6670
- 3.900 V Audio01 6670
- 3.900 V Audio02 6670
- 3.900 V Audio03 6670
- 3.900 V Audio04 6670
- 3.900 V Audio05 6670
- 3.900 V Audio06 6670
- 3.900 V Audio07 6670
- 3.900 V Audio08 6670
- 3.900 V Audio09 6670
- 3.900 V Audio10 6670
- 3.910 V GSTV 6400
- 3.910 V GSBC1 6400
- 3.910 V GSBC2 6400
- 3.910 V GSBC3 6400
- 3.910 H GSJ32 6400
- 3.929 V Abtv Service 8835
- 3.929 V Abradio Service 8835
- 3.940 V Banjin TV 5950
- 3.940 V binhai 5950
- 3.940 V hangu 5950
- 3.940 V wenyi 5950
- 3.940 V xinwen 5950
- 3.940 V yinyuesb 5950
- 3.951 V BEIJING KAKU 9525
- 3.951 V BEIJING TV 9525
- 3.980 V 城市通讯 27500
- 3.980 V 东方明珠 27500
- 3.980 V 发现之旅 27500
- 3.980 V 环球奇观 27500
- 3.980 V 老故事 27500
- 3.980 V 女性时尚 27500
- 3.980 V 书画 27500
- 3.980 V 现代女性 27500
- 3.980 V 中视购物 27500
- 3.980 V 中小学同步辅导 27500
- 4.000 H CCTV1 27500
- 4.020 V 财富天下 27500
- 4.020 V 东西在线 27500
- 4.020 V 法律服务 27500
- 4.020 V 风尚志 27500
- 4.020 V 快乐购物 27500
- 4.020 V 老年版 27500
- 4.020 V 乐活城市 27500
- 4.020 V 美食频道 27500
- 4.020 V 平期教育 27500
- 4.040 H 东方财经 27500
- 4.040 H 东方健康 27500
- 4.040 H 幼儿教育 27500
- 4.040 H 幼儿频道 27500
- 4.040 H 幼儿英语 27500
- 4.040 H 幼稚园 27500
- 4.040 H 中国电影 27500
- 4.040 H 中国电影2 27500
- 4.040 H 中国电影3 27500
- 4.040 H 中国电影4 27500
- 4.040 H 中国电影5 27500
- 4.040 H 中国电影6 27500
- 4.040 H 中国电影7 27500
- 4.040 H 中国电影8 27500
- 4.040 H 中国电影9 27500
- 4.158 H CHINIC 16K101 8680
- 4.158 H DVT 8680
- 4.158 H EncoMux1 8680
- 4.158 H EncoMux2 8680
- 4.158 H (Empty) 8680
- 4.171 H NMTV-H 9200
- 4.171 H NMTV-M 9200
- 4.175 V GW L11R31 5990
- 4.175 V GW L13R14 5990
- 4.175 V GW L15R16 5990
- 4.175 V GW L17R18 5990
- 4.175 V GW L19R20 5990
- 4.175 V GW L21R22 5990
- 4.175 V GW L23R24 5990
- 4.175 V GW L25R26 5990
- 4.175 V GW L27R28 5990
- 4.175 V GW L29R30 5990
- 4.175 V K15 stero 5990
- 4.175 V Lzh5 Rzh6 5990
- 4.175 V Lzh8 Rdy 5990
- 4.175 V SW1 stero 5990
- 4.175 V SW2 stero 5990
- 4.175 V ZH1 stero 5990
- 4.175 V ZH2 stero 5990
- 4.175 V ZH3 stero 5990
- 4.175 V ZH7 stero 5990
- 4.175 V zh7-2 Stereo 5990
- 4.192 V Hebei TV 6000
- 4.192 V HebeiRadio1 6000
- 4.192 V HebeiRadio2 6000
- 4.192 V HebeiRadio3 6000
- 4.192 V HebeiRadio4 6000
- 4.192 V HebeiRadio5 6000

KOREASAT 3

116.0 East

KOR003KB



- 11.747 L III 21300
- 11.747 L III 21300
- 11.747 L III 21300
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- 11.785 L III 21300
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- 11.861 L III 21300
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- 11.861 L III 21300
- 11.861 L III 21300
- 12.350 V Channel One 26000
- 12.350 V DAEHAN 26000
- 12.350 V E-ON 26000
- 12.350 V EUNHAE&JINLI 26000
- 12.350 V KWANG-RIM 26000
- 12.350 V kyobo 26000
- 12.350 V nonsusan enc5 26000
- 12.350 V SGI 26000
- 12.350 V ch27 26000
- 12.350 V enc 10 26000
- 12.350 V hyundai enc6 26000
- 12.370 H CSTV 24080
- 12.370 H CCNTV 24080
- 12.370 H GTS 24080
- 12.370 H HCB 24080
- 12.370 H JOBTV 24080
- 12.370 H EBS1 24080
- 12.370 H EBS2 24080
- 12.370 H EBS3 24080
- 12.370 H GUN 24080
- 12.370 H SK 24080
- 12.370 H SKT 24080
- 12.390 H IPG 24080
- 12.430 V CH 501 26687
- 12.430 V CH 503 26687
- 12.430 V CH 504 26687
- 12.430 V CH 505 26687
- 12.430 V CH 506 26687
- 12.430 V CH 507 26687
- 12.430 V CH 508 26687
- 12.430 V CH 509 26687
- 12.430 V CH 510 26687
- 12.430 V CH 701 26687
- 12.501 V KBS HUB 3010
- 12.522 V ITV LINK 6328
- 12.522 V ITV LINK 6328
- 12.550 V CH 601 26687
- 12.550 V CH 602 26687
- 12.550 V CH 603 26687
- 12.550 V CH 604 26687
- 12.550 V CH 605 26687
- 12.550 V CH 606 26687
- 12.550 V CH 607 26687
- 12.550 V CH 608 26687
- 12.550 V CH 609 26687
- 12.550 V CH01 DANYON 26687
- 12.550 V CH02 BOKSUNG 26687
- 12.550 V CH03 BOKYON 26687
- 12.550 V CH04 DANYON 26687
- 12.550 V CH05 SSANG 26687
- 12.550 V CH06 MUNJA 26687
- 12.670 V MegaSat1 24750

- 11.747 H III 21300
- 11.747 H III 21300
- 11.747 H III 21300
- 11.785 H III 21300
- 11.785 H III 21300
- 11.785 H III 21300
- 11.785 H III 21300
- 11.785 H III 21300
- 11.823 H III 21300
- 11.823 H III 21300
- 11.861 H III 21300

THAICOM 1A

120.0 East

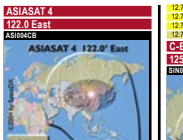
THA01ACR

- 3.758 V Laos TV 3033
- 3.758 V Radio Laos 3033
- 3.855 V CTN 1 5926
- 3.855 V CTN 2 5926
- 3.886 V Thai Society Channel 3000
- 3.916 V BAYONTHAI_2 Audio 3359
- 12.602 H Test card 29000

ASIASAT 4

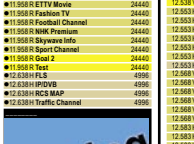
122.0 East

AS1004CB



- 3.664 H 2Way 2500
- 3.664 H PCR 2500
- 3.856 H BeiFen 2170
- 3.856 H HN JJ 2170
- 3.856 H HN JT 2170
- 3.856 H HN LY 2170
- 3.856 H HN NC 2170
- 3.856 H HN XQ 2170
- 3.856 H HN XW 2170
- 3.856 H HN YSWZ 2170
- 3.856 H HN YY 2170
- 3.856 H MY Radio 2170
- 4.120 H 1Way 27500
- 4.120 H 2way 27500
- 4.120 H PCR 27500
- 4.120 H SCBB 27500
- 4.120 H SCMM 27500
- 4.120 H SpeedCast 2 27500
- 4.120 H SpeedCast 312 27500
- 4.149 V SSE Info 2850
- 4.149 V Stocom 2850
- 4.149 V Test 1 2850
- 4.149 V Test 2 2850

- 11.727 R ANIMAX 24440
- 11.727 R AXN 24440
- 11.727 R BBC 24440
- 11.727 R Bloomberg 24440
- 11.727 R CCTV-4 24440
- 11.727 R CCTV-9 24440
- 11.727 R ETTV Asia 24440
- 11.727 R Happy Together 24440
- 11.727 R Phoenix Info 24440
- 11.727 R Playboy 24440
- 11.804 R Asia Plus 24440
- 11.804 R Hallmark 24440
- 11.804 R National Geographic 24440
- 11.804 R Phoenix Chinese 24440
- 11.804 R Shanghai Dragon TV 24440
- 11.804 R Southern TV 24440
- 11.804 R TVB-8 24440
- 11.804 R TVB-Xinghe 24440
- 11.804 R TVBS-News 24440
- 11.804 R Xing Kong 24440
- 11.881 R [V] Mandarin 24440
- 11.881 R Axi 24440
- 11.881 R Beijing TV 24440
- 11.881 R CCTV-11 24440
- 11.881 R Guangdong 24440
- 11.881 R Hu Nan 24440
- 11.881 R Macau Sat. Asia TV 24440
- 11.881 R MTV China 24440
- 11.881 R TVBS Asia 24440
- 11.881 R Zhujiang TV 24440
- 11.958 R Channel News Asia 24440
- 11.958 R ETTV Movie 24440
- 11.958 R Fashion TV 24440
- 11.958 R Football Channel 24440
- 11.958 R NHK Premium 24440
- 11.958 R Skywave Info 24440
- 11.958 R Sport Channel 24440
- 11.958 R Goal 2 24440
- 11.958 R Test 24440
- 12.638 H FLS 4996
- 12.638 H IPDVB 4996
- 12.638 H RCS MAP 4996
- 12.638 H Traffic Channel 4996

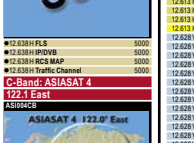


- 12.638 H FLS 5000
- 12.638 H IPDVB 5000
- 12.638 H RCS MAP 5000
- 12.638 H Traffic Channel 5000

C-Band: ASIASAT 4

122.1 East

AS1004CB

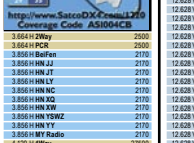


- 3.664 H 2Way 2500
- 3.664 H PCR 2500
- 3.856 H BeiFen 2170
- 3.856 H HN JJ 2170
- 3.856 H HN JT 2170
- 3.856 H HN LY 2170
- 3.856 H HN NC 2170
- 3.856 H HN XQ 2170
- 3.856 H HN XW 2170
- 3.856 H HN YSWZ 2170
- 3.856 H HN YY 2170
- 3.856 H MY Radio 2170
- 4.120 H 1Way 27500
- 4.120 H 2way 27500
- 4.120 H PCR 27500
- 4.120 H SCBB 27500
- 4.120 H SCMM 27500
- 4.120 H SpeedCast 2 27500
- 4.120 H SpeedCast 312 27500
- 4.149 V SSE Info 2850
- 4.149 V Stocom 2850
- 4.149 V Test 1 2850
- 4.149 V Test 2 2850

JCSAT 4A

124.0 East

JCS04AKJ



- 12.283 H Gokaku TV 21096
- 12.283 H Medical Sat 21096
- 12.283 H Success TV 21096
- 12.283 H SVML 21096
- 12.403 H Star Stream Channel 21096
- 12.523 H Sky PerfecTV 21096
- 12.538 V Fuji TV 21096
- 12.538 V Tool Channel 21096
- 12.538 V Viewsic 21096
- 12.538 V Channel BB 21096
- 12.553 H Health & Welfare Cha 21096
- 12.553 H Manzox Channel 21096
- 12.553 H Pachinko Pachisiot C 21096
- 12.553 H Quiz Nan Dee 21096
- 12.553 H Zap TV 21096
- 12.553 H Data Service 21096
- 12.568 V Perfect Choice 21096
- 12.568 V Perfect Choice Premi 21096
- 12.568 V Perfect Choice 21096
- 12.583 H Sky PerfecTV 21096
- 12.583 V Perfect Info Cha 21096
- 12.583 V Data service 21096
- 12.658 V Data Service 21096
- 12.673 H Sky PerfecTV 21096
- 12.673 H Cinema R 21096
- 12.688 V Paradise TV 21096
- 12.688 V Pink Cherry Bomb 21096
- 12.688 V Sakura Channel 21096
- 12.688 V Yellow Cherry Bomb 21096
- 12.688 V Data Service 21096
- 12.703 H Sky PerfecTV 21096
- 12.703 H Data Service 21096
- 12.718 V Classica Japan 21096
- 12.718 V Coming Soon TV 21096
- 12.718 V The Mistery Channel 21096
- 12.718 V Japanet Studio 242 21096
- 12.718 V Reform Senmon Channe 21096
- 12.718 V VITV 21096
- 12.733 H Sky PerfecTV 21096

C-Band: SINOSAT 3

125.0 East

SIN003CB

- 3.827 H Guangxi TV 5720
- 3.845 H Guangdong 17780
- 3.893 H HLJ 6880
- 3.909 H Jilin 8934
- 3.922 H Yunnan 7200
- 3.933 H Travel TV 6590
- 3.989 H Xizang 5660
- 4.006 H Liaoning 4420
- 4.080 H CCTV 27500
- 4.120 H XinJiang 27500
- 4.160 H CCTV 27500

JCSAT 3

128.0 East

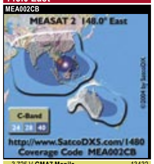
JCS003KJ

- 12.268 V Green Channel 21096
- 12.268 V Kit Manzoku 21096
- 12.268 V The University of th 21096
- 12.268 V TVE International 21096
- 12.268 V Yosemi TV Net 21096
- 12.268 V The University of th 21096
- 12.348 V J Sky Sport 1 21096
- 12.348 V J Sky Sport 2 21096
- 12.348 V J Sky Sport 3 21096
- 12.348 V Perfect Choice 21096
- 12.368 H Blue Cherry Bomb 21096
- 12.368 H Enjoy TV 21096
- 12.368 H Gaora 21096
- 12.368 H Milk 906 21096
- 12.368 H Music Japan TV 21096
- 12.408 H Channel Ruby 21096
- 12.408 H Family Gekijyo 21096
- 12.408 H Perfect Choice 21096
- 12.408 H Playboy Channel 21096
- 12.408 H Star Channel 21096
- 12.408 H Supper Channel 21096
- 12.408 H Data Service 21096
- 12.428 H Perfect Choice 21096
- 12.523 H Accessi 21096
- 12.523 H Global Learning Chan 21096
- 12.523 H Sky A 21096
- 12.523 H Splash 21096
- 12.523 H Travelers Channel 21096
- 12.523 H Victory Channel 21096
- 12.523 H Data Service 21096
- 12.538 V Japan Leisure Channe 21096
- 12.538 V JNN News Bird 21096
- 12.538 V Nickelodeon Japan 21096
- 12.538 V Pioneer Karaoke Chan 21096
- 12.538 V Tabi Channel 21096
- 12.538 V Mondo 21 21096
- 12.553 H Bloomberg TV Japan 21096
- 12.553 H E-Tenki Net 21096
- 12.553 H MTV Japan 21096
- 12.553 H Nippon Shower TV 21096
- 12.553 H Speed Channel 1 21096
- 12.553 H Speed Channel 2 21096
- 12.553 H Data Service 21096
- 12.568 V Asahi NewStar 21096
- 12.568 V Cartoon Network Japa 21096
- 12.568 V DK Star Karaoke 21096
- 12.568 V Eco Music TV 21096
- 12.568 V Igo Digital Channel 21096
- 12.568 V Rainbow Channel 21096
- 12.583 H Discovery Channel Ja 21096
- 12.583 H Star Channel 21096
- 12.583 H LaLa TV 21096
- 12.583 H Movie Plus 21096
- 12.583 H Shop Channel 21096
- 12.598 V Fighting TV Samurai 21096
- 12.598 V Keiko to Manabu Chan 21096
- 12.598 V TV 21096
- 12.598 V The Music 272 21096
- 12.613 H Nk International 21096
- 12.613 H Japan Leisure Ch2 21096
- 12.613 H The Golf Channel 21096
- 12.613 H The History Channel 21096
- 12.613 H V Paradise 21096
- 12.613 H QVC Japan 21096
- 12.628 H Adult Contemporary 21096
- 12.628 V Background Music Amu 21096
- 12.628 V Background Music Fri 21096
- 12.628 V Background Music Org 21096
- 12.628 V Background Music Sok 21096
- 12.628 V Background Music Sou 21096
- 12.628 V Background Music Tre 21096
- 12.628 V Blues 21096
- 12.628 V Chinese HipHits Digest 21096
- 12.628 V Chinese Pop 21096
- 12.628 V Chinese Songs 21096
- 12.628 V Classic Artist Speci 21096
- 12.628 V Classic Artist Speci 21096
- 12.628 V Classic Baroque 21096
- 12.628 V Classic Chamber 21096
- 12.628 V Classic Historical 21096
- 12.628 V Classic New Album 21096
- 12.628 V Classic Opera 21096
- 12.628 V Classic Orchestral 21096
- 12.628 V Classic Selection 21096
- 12.628 V Computer Music 21096
- 12.628 V Country 21096
- 12.628 V Dance Electro 21096
- 12.628 V Disco Collection 21096
- 12.628 V East Japan Best Hits 21096
- 12.628 V Enka Karaoke 21096
- 12.628 V Euroboat 21096
- 12.628 V Folk & New Music 21096
- 12.628 V Foreign Karaoke 21096
- 12.628 V Group Sounds 21096
- 12.628 V Hard Rock & Metal 21096
- 12.628 V Hip Hop 21096
- 12.628 V Inter FM Tokyo 21096
- 12.628 V Jazz Mainstream 21096
- 12.628 V J-Groove Special 21096
- 12.628 V J-Idol & Voice Idol 21096
- 12.628 V J-Pop 21096
- 12.628 V J-Pop 19xx 21096
- 12.628 V J-Pop 70's Hits 21096
- 12.628 V J-Pop 70's&80's Albu 21096
- 12.628 V J-Pop 80's Hits 21096
- 12.628 V J-Pop 90's Album 21096
- 12.628 V J-Pop 90's Hits 21096
- 12.628 V J-Pop Artist Special 21096
- 12.628 V J-Pop Artist Special 21096
- 12.628 V J-Pop Artist Special 21096
- 12.628 V J-Pop Artist Special 21096
- 12.628 V J-Pop Ballads 21096
- 12.628 V J-Pop Collection 21096
- 12.628 V J-Pop Dam Hits 21096
- 12.628 V J-Pop Hit Album 21096
- 12.628 V J-Pop Indies 21096
- 12.628 V J-Pop Karaoke 21096
- 12.628 V J-Pop New Album Pops 21096
- 12.628 V J-Pop New Album Rock 21096
- 12.628 V J-Pop New Album Rock 21096
- 12.628 V J-Pop New Single 21096
- 12.628 V J-Pop Single Chart 21096
- 12.628 V J-Pop Single Hits 21096
- 12.628 V J-Pop Special 21096
- 12.628 V J-Soundtrack 21096
- 12.628 V Jazz Artist Special 21096
- 12.628 V Jazz Artist Special 21096
- 12.628 V Jazz Contemporary 21096
- 12.628 V Jazz Fusion 21096
- 12.628 V Jazz Mainstream 21096
- 12.628 V Jazz New Album 21096
- 12.628 V Jazz Swing 21096
-

Freq GHz	Pol	Channel Name	Symbol rate
12.301	H	IBC 13	25600
12.301	H	MTV Phil	25600
12.301	H	NBN 4	25600
12.301	H	RPN 9	25600
12.301	H	Studio 23	25600
12.301	H	Mabuhay Channel	25600
12.301	H	106 Dream FM	25600
12.301	H	BBC Radio	25600
12.301	H	CMN Radio	25600
12.301	H	Crossroads	25600
12.301	H	DREAM ROCK	25600
12.301	H	DWNU FM	25600
12.301	H	EDGE Radio	25600
12.301	H	I FM	25600
12.301	H	RJ 100	25600
12.301	H	RMN News AM	25600
12.301	H	DAW SW DL	25600
12.301	H	Elle Astrology	25600
12.301	H	Elle Beauty	25600
12.301	H	IP Data Broadcast	25600
12.301	H	M@gic Games	25600
12.301	H	M_D@ily	25600
12.301	H	NewsCast	25600
12.301	H	Nokia SW DL	25600
12.501	H	Boss uplink A	30000
12.501	H	CH-A02	30000
12.501	H	CH-A03	30000
12.501	H	CH-A04	30000
12.501	H	CH-C01	30000
12.501	H	CH-C02	30000
12.501	H	CH-C03	30000
12.501	H	CH-E01	30000
12.501	H	CH-M01	30000
12.501	H	CH-M02	30000
12.501	H	CH-N01	30000
12.501	H	CH-N02	30000
12.501	H	CH-E02	30000
12.541	H	2nd Avenue	25600
12.541	H	Animal Planet	25600
12.541	H	Cinemax	25600
12.541	H	CNBC	25600
12.541	H	Deutsche Welle	25600
12.541	H	Discovery T & L	25600
12.541	H	ESPN	25600
12.541	H	ETC	25600
12.541	V	FLIP2	26000
12.541	H	HBO	25600
12.541	H	MBC Korea	25600
12.541	H	National Geographic	25600
12.541	H	Solar Sports	25600
12.541	H	Star Movies	25600
12.541	H	TCM	25600
12.541	V	AMA Channel	26000
12.541	V	Flip TV	26000
12.541	V	Jollibee TV	26000
12.541	V	Karaoke TV	26000
12.541	V	MAX TV	26000
12.541	V	MSC-SNG	26000
12.541	V	RJ TV	26000
12.541	V	Beat Box	26000
12.541	V	GV AM 792	26000
12.541	V	GV FM 99.1	26000
12.541	V	Jollibee R1	26000
12.541	V	MAGIC89.9	26000
12.541	V	RadioMaria	26000
12.541	V	RJ FM	26000
12.541	V	DATA	26000
12.581	H	Animax	25600
12.581	H	Australia Network	25600
12.581	H	AXN	25600
12.581	H	BBC World	25600
12.581	H	Cartoon Network	25600
12.581	H	CNN	25600
12.581	H	Discovery	25600
12.581	H	Dream Cinema	25600
12.581	H	Hallmark	25600
12.581	H	Living Asia	25600
12.581	H	Nickelodeon	25600
12.581	H	Star Sports	25600
12.581	H	Star World	25600
12.581	H	TV Maria	25600
12.661	H	Animax	25600
12.661	H	CNN	25600
12.661	H	DCinema 1	25600
12.661	H	DCinema 2	25600
12.661	H	ESPN	25600
12.661	H	etc	25600
12.661	H	Hallmark	25600
12.661	H	MBC Korea	25600
12.661	H	Nat Geo	25600
12.661	H	Nat Geo Adventure	25600
12.661	H	Nickelodeon	25600
12.661	H	Solar Sports	25600
12.661	H	Star Sports	25600
12.661	H	Smile of a Child	25600

MEASAT 2
148.0 East

MEA002CB



Freq GHz	Pol	Channel Name	Symbol rate
3.725	V	GMA7 Manila	13432
3.725	V	International 1	13432
3.725	V	International 1 - AC	13432
3.725	V	International 2	13432
3.725	V	QTV 11	13432
4.113	V	TV NATIN	2170
4.113	V	BEAT	2170
4.113	V	DZRH	2170
4.113	V	HOT FM	2170
4.113	V	KIDS FM	2170
4.113	V	LOVE	2170
4.113	V	RN	2170
4.113	V	YES FM	2170

MEA002KM

Freq GHz	Pol	Channel Name	Symbol rate
11.537	H	AUSTRALIAN NW	35500
11.537	H	BIBI	35500
11.537	H	DISNEY	35500
11.537	H	GOALTV1	35500
11.537	H	GOALTV2	35500
11.537	H	HALLMARK	35500
11.537	H	HTV	35500
11.537	H	INFO-TV	35500
11.537	H	MTV ASIA	35500
11.537	H	THIEN ANH	35500
11.537	H	VCTV1	35500
11.537	H	VCTV2	35500
11.537	H	VCTV3	35500
11.537	H	VCTV4	35500
11.537	H	VCTV6	35500
11.537	H	VCTV7	35500
11.537	H	VTV1	35500
11.537	H	VTV2	35500
11.537	H	VTV3	35500
11.537	H	VTV4	35500
11.537	H	VTV5	35500
11.537	H	VTV6	35500
11.537	H	VOV1	35500
11.537	H	VOV3	35500
11.537	H	OTA Opentech	35500
11.537	H	STB Opentech	35500
12.407	H	ASTRO SUPERSPORT	30000
12.407	H	ASTRO WAH LAI TOI	30000
12.407	H	ASTRO XPRESI	30000
12.407	H	CARTOON NTWK	30000
12.407	H	CCTV-9	30000
12.407	H	DISNEY	30000
12.407	H	GOAL TV1	30000
12.407	H	HBO	30000
12.407	H	PLAYHOUSE	30000
12.407	H	STAR WORLD	30000
12.407	H	TVB XING HE	30000
12.407	H	ZEE	30000
12.470	H	ASTRO ARUNA	30000
12.470	H	ASTRO KIRANA	30000
12.470	H	ASTRO TVIQ	30000
12.470	H	GOAL TV2	30000
12.470	H	NATIONAL GEOGRAPH	30000
12.470	H	NHK WORLD	30000
12.470	H	PHOENIX	30000
12.470	H	STAR MOVIES	30000
12.470	H	STAR SPORTS	30000
12.470	H	ALJAZEERA INTERNA	30000
12.470	H	ASTRO SHUANG XING	30000
12.470	H	DISCOVERY	30000
12.470	H	NICKELODEON	30000
12.532	H	ANIMAL PLANET	30000
12.532	H	ANIMAX	30000
12.532	H	ASTRO AWANI	30000
12.532	H	ASTRO CERIA	30000
12.532	H	ASTRO OASIS	30000
12.532	H	BLOOMBERG	30000
12.532	H	CELESTIAL MOVIES	30000
12.532	H	CHANNEL [V]	30000
12.532	H	CINEMAX	30000
12.532	H	ESPN	30000
12.532	H	INDOSIAR	30000
12.532	H	WA TV	30000
12.594	H	AXN	30000
12.594	H	BBC WORLD	30000
12.594	H	CCTV-4	30000
12.594	H	CNN	30000
12.594	H	DISCOVERY TRAVEL	30000

Freq GHz	Pol	Channel Name	Symbol rate
12.594	H	E! ENTERTAINMENT	30000
12.594	H	METRO TV	30000
12.594	H	MTV ASIA	30000
12.594	H	SCTV	30000
12.594	H	TRANS 7	30000
12.594	H	TRANS TV	30000
12.594	H	TVRI	30000

OPTUS D2
152.0 East

OPT0D2KA

Freq GHz	Pol	Channel Name	Symbol rate
12.394	H	ALTG	22500
12.394	H	BOM	22500
●12.394	H	C17	22500
12.394	H	DYES	22500
12.394	H	HYAT	22500
12.394	H	K15	22500
12.394	H	MAD	22500
12.394	H	MKTV	22500
12.394	H	PLAN	22500
12.394	H	RIKS	22500
12.394	H	RTCG	22500
12.394	H	STAR	22500
●12.394	H	INFO	22500
12.394	H	R49	22500
12.394	H	R50	22500
12.394	H	R51	22500
12.394	H	R52	22500
12.394	H	R53	22500
12.394	H	R54	22500
12.394	H	R55	22500
12.394	H	R56	22500
12.394	H	R58	22500
12.394	H	R59	22500
12.394	H	NTC	22500
12.407	V	BTV2	30000
12.407	V	BTV3	30000
12.407	V	SKY1	30000
●12.407	V	SKY10	30000
12.407	V	SKY2	30000
12.407	V	SKY3	30000
12.407	V	SKY4	30000
12.407	V	SKY5	30000
12.407	V	SKY6	30000
12.407	V	SKY7	30000
12.407	V	SKY8	30000
12.407	V	CLK	30000
12.407	V	TUNE 152°E	30000
12.407	V	QTAB	30000
12.407	V	Retail R1	30000
12.407	V	Retail R2	30000
12.407	V	Retail R3	30000
12.407	V	Retail R4	30000
●12.407	V	Retail R5	30000
●12.407	V	Retail R6	30000
12.407	V	SKY Radio1	30000
12.407	V	Sport 927	30000
12.407	V	.	30000
●12.421	H	4E	22500
●12.421	H	AJE	22500
●12.421	H	ALSH	22500
●12.421	H	BAGD	22500
●12.421	H	BHTV	22500
●12.421	H	CDF	22500
●12.421	H	CHV	22500
●12.421	H	DSPT	22500
●12.421	H	DTV	22500
●12.421	H	KAN7	22500
●12.421	H	MAZZ	22500
●12.421	H	AGPY	22500
●12.421	H	ITN	22500
●12.519	V	MTV India	22500
●12.519	V	NDTV	22500
●12.519	V	PolSat	22500
●12.519	V	SET	22500
●12.519	V	SET Max	22500
●12.519	V	Star Gold	22500
●12.519	V	Star One	22500
●12.519	V	Star Plus	22500
●12.519	V	Zee TV	22500
●12.519	V	Al Hayat	22500
●12.519	V	aon	22500
●12.519	V	SMTV	22500
12.581	H	ALNA	22500
12.581	H	ATV	22500
12.581	H	EURD	22500
12.581	H	EURS	22500
12.581	H	IRQY	22500
12.581	H	JAJM	22500
12.581	H	KRAL	22500
12.581	H	LATV	22500
12.581	H	NTV	22500
12.581	H	STV	22500
12.581	H	TRTI	22500
12.581	H	TVGL	22500
12.581	H	VZYN	22500
12.581	H	ALFM	22500
12.581	H	ATNA	22500
12.581	H	COG	22500
12.581	H	ERAS	22500
12.581	H	FERA	22500
12.581	H	MELO	22500
12.581	H	MGF	22500
12.581	H	MRL	22500
●12.581	H	RA18	22500
12.581	H	RAUS	22500
12.581	H	SOHO	22500
12.581	H	THES	22500
●12.608	H	ALPH	22500
●12.608	H	CEST	22500
●12.608	H	COLM	22500
●12.608	H	MEGA	22500
●12.608	H	PELI	22500
●12.608	H	RITL	22500
●12.608	H	TEFE	22500
●12.608	H	TNOV	22500
●12.608	H	TVE	22500
●12.608	H	C105	22500
●12.608	H	ERT	22500
●12.608	H	KTV	22500
●12.608	H	SCTV	22500
●12.608	H	BHTR	22500
●12.608	H	FARD	22500
●12.608	H	MRT	22500
●12.608	H	R37	22500
●12.608	H	R38	22500
●12.608	H	R41	22500
●12.608	H	R47	22500
●12.608	H	R48	22500
●12.608	H	R82	22500
●12.608	H	RDPR	22500
●12.608	H	ROSA	22500
●12.608	H	CITY	22500
●12.644	H	ALYM	22500
●12.644	H	ANA	22500
●12.644	H	CIN1	22500
●12.644	V	CMC	22500
●12.644	H	INFY	22500
●12.644	H	MSLT	22500
●12.644	H	MWER	22500
●12.644	H	NDM	22500
●12.644	H	NEWT	22500
●12.644	H	NNEW	22500
●12.644	H	NVAR	22500
●12.644	H	PARS	22500
●12.644	V	Picture Of Croatia	22500
●12.644	H	ROTC	22500
●12.644	H	RTPI	22500
●12.644	V	BVN	22500
●12.644	V	Church TV	22500
●12.644	V	Daystar	22500
●12.644	V	EWTN	22500
●12.644	V	GOD TV	22500
●12.644	V	Inspiration	22500
●12.644	V	JCTV	22500
●12.644	V	Smile of a Child	22500
●12.644	V	Trinity	22500
●12.644	V	TRT Int	22500
●12.644	H	R100	22500
●12.644	H	R102	22500
●12.644	H	R103	22500
●12.644	H	R104	22500
●12.644	H	R105	22500
●12.644	H	R106	22500
●12.644	H	R107	22500
●12.644	H	R108	22500
●12.644	H	R109	22500
●12.644	H	R110	22500
●12.644	H	R111	22500
●12.644	H	R112	22500
●12.644	V	Tarana	22500
●12.644	V	Vietnamese Radio	22500
●12.644	V	Voice of Croatia	22500
●12.644	V	Kossuth Radio	22500
●12.644	V	Overcomer Radio	22500
●12.644	V	Raw FM	22500
●12.644	V	RNW1	22500
●12.644	V	RNW2	22500
●12.644	V	RNW3	22500
●12.644	V	RVI-1	22500
●12.644	V	Tamil Radio	22500
●12.644	V	TFM Radio	22500
●12.644	V	TSR Turkce	22500
●12.644	V	VOT World	22500
●12.671	H	ALMJ	22500
●12.671	H	ESC	22500
●12.671	H	HEYA	22500
●12.671	H	JSC	22500
●12.671	H	ROTM	22500
●12.671	H	ROTT	22500
●12.671	H	ROTZ	22500
●12.671	H	SAT7	22500
●12.671	H	SHRQ	22500
●12.671	H	SIC	22500
●12.671	H	TASH	22500
●12.671	H	TLBN	22500
●12.671	H	TVS	22500
●12.671	H	BCFM	22500
●12.671	H	BTFM	22500
●12.671	H	ESFM	22500
●12.671	H	ISFM	22500
●12.671	H	KRAL	22500
●12.671	H	R113	22500
●12.671	H	R115	22500
●12.671	H	R23	22500
●12.671	H	R24	22500
●12.671	H	RADD	22500
●12.671	H	SRFM	22500
●12.671	H	2ME	22500
●12.707	V	ITVN	22500
●12.707	V	Setanta Sports	22500
●12.707	V	TV Polonia	22500
●12.707	V	TVK 1	22500
●12.707	V	TVK 2	22500
●12.707	V	TVN Racing	22500
●12.707	V	3ABN	22500
●12.707	V	Aghapy	22500
●12.707	V	Al Forat	22500
●12.707	V	CGN	22500
●12.707	V	Hope	22500
●12.707	V	Press TV	22500
●12.707	V	TTV	22500
●12.707	V	Narodni Radio	22500
●12.707	V	Radio Polskie	22500
●12.707	V	3ABN Radio	22500
●12.707	V	Cronat Radio	22500
●12.707	V	IFB	22500
●12.707	V	RFI	22500
●12.733	V	KTV Tamil	22500
●12.733	V	SUN TV	22500
●12.733	V	Abu Dhabi	22500
●12.733	V	DMC	22500
●12.733	V	DUNA	22500
●12.733	V	ERT	22500
●12.733	V	Kurdsat	22500
●12.733	V	NHK World TV	22500
●12.733	V	Oman TV	22500
●12.733	V	Russia Today	22500
●12.733	V	TGN	22500
●12.733	V	TVRI	22500
●12.733	V	Suryan FM	22500
●12.733	V	2CR	22500
●12.733	V	ATBC Tamil	22500
●12.733	V	Bangkok FM94	22500
●12.733	V	Emirates FM	22500
●12.733	V	In Direct Romania	22500
●12.733	V	KISS FM	22500
●12.733	V	Net 105.8	22500
●12.733	V	Oman Radio	22500
●12.733	V	UCB Radio	22500

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Freq GHz	Pol	Channel Name	Symbol rate
●12.545	V	3ABN 2	22500
●12.545	V	Deepam	22500
●12.545	V	NHK World 2	22500
●12.545	V	3ABN Radio 2	22500

JCSAT 2A
154.0 East

JCS02AKJ

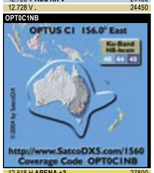
Freq GHz	Pol	Channel Name	Symbol rate
12.310	H	Agonsyu	3515
12.688	V	S-Net package	21096
12.700	H	AG Net	5275

OPTUS C1
156.0 East

OPT0C1NA

Freq GHz	Pol	Channel Name	Symbol rate
●12.305	H	ABC1	30000
12.305	H	AITV05	30000
12.305	H	SBS	30000
12.305	H	EXPO	30000
12.305	H	air	30000
●12.305	H	ASTRA Awards 2008	30000
12.305	H	EPG	30000
12.305	H	GamesWorld	30000
●12.305	H	PDR EPG	30000
12.305	H	AITV100	30000
12.305	H	AITV72	30000
12.305	H	AITV96	30000
12.305	H	AITV97	30000
12.305	H	AITV98	30000
12.305	H	AITV99	30000
12.305	H	Boot	30000
12.305	H	Mind	30000
12.305	H	MindGames	30000
12.305	H	Playin'TV	30000
12.305	H	The Arcade	30000
12.305	H	Tune	30000
12.358	H	Cartoon	27800
12.358	H	Discovery	27800
12.358	H	Fox Sports 3	27800
12.358	H	Hallmark	27800
12.358	H	History	27800
12.358	H	Movie Extra	27800
12.358	H	Movie Greats	27800
12.358	H	Nat Geo	27800
12.358	H	Nickelodeon	27800
12.358	H	Show Greats	27800
12.358	H	World Movies	27800
●12.367	V	ABC1	27800
12.367	V	ACC	27800
●12.367	V	Channel 7	27800
12.367	V	NITV	27800
12.367	V	SBS	27800
12.367	V	SBS News	27800
12.367	V	Setanta Sports	27800
12.367	V	TVN	27800
12.367	V	720ABCPerth	27800
12.367	V	ABC Classic	27800
12.367	V	ABC Goldflds	27800
12.367	V	ABCLocal WA	27800
12.367	V	ABCRadioNat	27800
12.367	V	SBS AM	27800
12.367	V	SBS FM	27800
12.398	H	Animal Planet	27800
12.398	H	Antenna	27800
12.398	H	Bio.	27800
12.398	H	Bloomberg	27800
12.398	H	CNN	27800
12.398	H	ESPN	27800
12.398	H	Food	27800
12.398	H	FOX News	27800
12.398	H	RAI	27800
12.398	H	Showcase	27800
12.398	H	Weather	27800
12.398	H	WEATHER ACTIVE	27800
12.398	H	Ant1 Radio	27800
12.398	H	RAI Radio	27800
●12.438	H	xPush AVC SD	27800
12.438	H	bars	27800
12.438	H	FBOB	27800
12.438	H	Playhouse	27800
12.438	H	Sky News	27800
12.438	H	SKY NEWS ACTIVE	27800
12.438	H	Help	27800
12.438	H	iEPG Video Satellite	27800
12.438	H	{Empty}	27800
●12.438	H	ASTRA	27800
●12.438	H	ASTRA AWARDS - VO	27800
12.438	H	Ch998 Modem Test App	27800
12.438	H	SWDL Satellite (ND	27800
12.447	V	AUSA	27800
12.447	V	SPA	27800
12.447	V	SPB	27800
12.447	V	SPH	27800
12.447	V	SPM	27800
12.447	V	SPW	27800
12.447	V	Arcade	27800
12.447	V	Gamesworld	27800
12.447	V	GAMESWORLD	27800
12.447	V	Mindgames	27800
12.447	V	PickNPlay	27800
12.478	H	Boomerang	27800
12.478	H	Fox Sports 1	27800
12.478	H	Fox Sports 2	27800
12.478	H	FOX SPORTS NEWS A	27800
12.478	H	FoxSportsNews	27800
12.478	H	FS1	27800
12.478	H	FSNA	27800
12.478	H	Main Event	27800
12.478	H	Ovation	27800
12.478	H	SATest	27800
12.478	H	Sky Business	27800
12.478	H	Sky Racing	27800
12.478	H	Spare	27800
12.478	H	SPORT SELECTOR	27800
12.478	H	SportSelector	27800
12.478	H	TVSN	27800
12.487	V	Channel 10	27800
12.487	V	Channel 9	27800
12.607	V	ACC	27800
12.607	V	FB05	27800
12.607	V	FB06	27800
12.607	V	FB07	27800
12.607	V	FB08	27800
12.607	V	FB19	27800
12.607	V	FB20	27800
12.607	V	FB21	27800
12.607	V	FB22	27800
12.607	V	FB23	27800
12.607	V	FB24	27800
12.647	V	Adults Only 1	27800
12.647	V	Adults Only 2	27800
12.647	V	CNBC	27800
12.647	V	EXPO	27800
12.647	V	FB09	27800
12.647	V	FB10	27800
12.647	V	FB11	27800
12.647	V	FB12	27800
12.647	V	FB25	27800
12.647	V	FB26	27800
12.728	V	ABC TV NT	24450
12.728	V	ABC TV Q	24450
12.728	V	ABC TV SA	24450
12.728	V	ABC TV SE	24450
12.728	V	ABC FM NT	24450
12.728	V	ABC FM Q	24450
12.728	V	ABC FM SA	24450
12.728	V	ABC FM SE	24450
12.728	V	ABC JJJ	24450
12.728	V	ABC PNN	24450
12.728	V	ABC RN NT	24450
12.728	V	ABC RN Q	24450
12.728	V	ABC RN SA	24450
12.728	V	ABC RN SE	24450
12.728	V	ABC RR AS	24450
12.728	V	ABC RR NQ	24450
12.728	V	ABC RR NT	24450
12.728	V	ABC RR Q	24450
12.728	V	ABC RR SA	24450
12.728	V	ABC RR SE	24450
12.728	V	ABC RR V	24450
12.728	V	.	24450

OPT0C1NB



Freq GHz	Pol	Channel Name	Symbol rate
12.518	H	ARENA +2	27800
12.518	H	Classics +2	27800
12.518	H	Comedy +2	27800
12.518	H	FOX8 +2	27800
12.518	H	LifeStyle +2	27800
12.518	H	Movie Two	27800
12.518	H	Showtime +2	27800
12.518	H	TV1 +2	27800
12.518	H	UKTV +2	27800
12.518	H	W2	27800
12.527	V	ABC TV WA	30000
12.527	V	GWN TV	30000
12.527	V	IMP TV	30000
12.527	V	SBS SA	30000
12.527	V	WIN	30000
12.527	V	WLK	30000
12.527	V	NITV	30000
12.527	V	2CUZ	30000
12.527	V	5PY	30000
12.527	V	8HA	30000
12.527	V	990 AM	30000
12.527	V	ABC FM WA	30000
12.527	V	ABC RN WA	30000
12.527	V	ABC RR WN	30000
12.527	V	ABC RR WS	30000
12.527	V	Caama	30000
12.527	V	GUM- ALA	30000
12.527	V	Mulba	30000
12.527	V	PAK- AM	30000
12.527	V	PAW	30000
12.527	V	SBS R SA	30000
12.527	V	Teab- ba	30000
12.527	V	ARDS	30000
12.527	V	Arrow	30000
12.527	V	RABS TONE	30000
12.527	V	SMA BUS6	30000
12.527	V	SMA BUS7	30000
12.527	V	.	30000
12.558	H	AREN	27800
12.558	H	ARENA	27800
12.558	H	Comedy	27800
12.558	H	Disney	27800
12.558	H	FOX Classics	27800
12.558	H	FOX8	27800
12.558	H	LifeStyle	27800
12.558	H	Movie One	27800
12.558	H	Showtime	27800
12.558	H	TV1	27800
12.558	H	UKTV	27800
12.558	H	W	27800
12.567	V	AURORA	27800
12.567	V	FB01	27800
12.567	V	FB02	27800
12.567	V	FB03	27800
12.567	V	FB04	27800
12.567	V	FB13	27800
12.567	V	FB14	27800
12.567	V	FB15	27800
12.567	V	FB16	27800
12.567	V	FB17	27800
12.567	V	FB18	27800
12.598	H	BBC World	27800
12.598	H	Channel [V]	27800
12.598	H	CI	27800
12.598	H	FUEL TV	27800
12.598	H	How To	27800
12.598	H	MAX	27800
12.598	H	MTV	27800
12.598	H	SCI FI	27800
12.598	H	Sky News	27800
12.598	H	SkyN	27800
12.598	H	TCM	27800
12.598	H	Vh1	27800
12.598	H	{Empty}	27800
12.638	H	BOX	27800
12.638	H	Box Office	27800
12.638	H	Channel [V]2	27800
12.638	H	Country Music	27800
12.638	H	Disc Health	27800
12.638	H	Disc Science	27800
12.638	H	Disc Travel	27800
12.638	H	E!	27800
12.638	H	Eurosportnews	27800
12.638	H	FTV	27800
12.638	H	NG Adventure	27800
12.638	H	Nick Jr	27800
12.638	H	AIR01	27800
12.638	H	AIR02	27800
12.638	H	AIR03	27800
12.638	H	AIR04	27800
12.638	H	AIR05	27800
12.638	H	AIR06	27800
12.638	H	AIR07	27800
12.638	H	AIR08	27800
12.638	H	AIR09	27800
12.638	H	AIR10	27800
12.638	H	AIR11	27800
12.638	H	AIR12	27800
12.638	H	AIR13	27800
12.638	H	AIR14	27800
12.638	H	AIR15	27800
12.638	H	AIR16	27800
12.638	H	AIR17	27800
12.638	H	AIR18	27800
12.638	H	AIR19	27800
12.638	H	AIR20	27800
12.638	H	AIR21	27800
12.638	H	AIR22	27800
12.638	H	AIR23	27800
12.638	H	AIR24	27800
12.638	H	AIR25	27800
12.638	H	AIR26	27800
12.638	H	AIR27	27800
12.638	H	AIR28	27800
12.638	H	AIR29	27800
12.638	H	AIR30	27800
12.638	H	AIR active	27800
12.638	H	AIR ACTIVE	27800
12.638	H	{Empty}	27800
●12.688	H	ESPN HD	27800
●12.688	H	HD Channel AA	27800
●12.688	H	HD Channel D	27800
●12.688	H	Disc / NGeo HD	27800
●12.688	H	HD Channel BB	27800
●12.688	H	HD push	27800

OPT0C1NZ

Freq GHz	Pol	Channel Name	Symbol rate
12.407	V	7 Central	30000
12.407	V	BTV1	30000
12.407	V	SBS QLD	30000
12.407	V	SBS SE	30000
12.407	V	SBS WA	30000
12.407	V	INFO 156°E	30000
12.407	V	BBC Radio	30000
12.407	V	CBAA	30000
12.407	V	NIRS	30000
12.407	V	QTAB	30000
12.407	V	Red FM	30000
12.407	V	RPH	30000
12.407	V	SBS R NT	30000
12.407	V	SBS R QLD	30000
12.407	V	SBS R SE	30000
12.407	V	SBS R WA	30000
12.407	V	SMA BUS3	30000
12.407	V	SMA BUS4	30000
12.407	V	SMA BUS8	30000
12.407	V	Spirit	30000
12.407	V	TAIMA	30000
12.407	V	UCB	30000
12.407	V	.	30000

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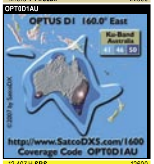
Freq GHz	Pol	Channel Name	Symbol rate
●12.693	V	ABC1	28650
●12.693	V	ABC2	28650
●12.693	V	612ABC Bris	28650
●12.693	V	702ABC Syd	28650
●12.693	V	774ABC Melb	28650
●12.693	V	891ABC Adel	28650
●12.693	V	ABC Classic	28650
●12.693	V	ABC Local SA	28650
●12.693	V	ABC LocalVic	28650
●12.693	V	ABC Nth Qld	28650
●12.693	V	ABC Regnl	28650
●12.693	V	ABCLocalNSW	28650
●12.693	V	ABCNewsRadio	28650
●12.693	V	ABCRadioNat	28650
●12.693	V	ABCWest Qld	28650
●12.693	V	Classic FM	28650
●12.693	V	dig	28650
●12.693	V	dig jazz	28650
●12.693	V	Radio Nat	28650
●12.693	V	triple j	28650

OPTUS D1
160.0 East

OPT0D1AN

Freq GHz	Pol	Channel Name	Symbol rate
12.427	H	GWN	14289
12.427	H	WIN WA 16:9	14289
12.519	V	Cartoon Network	22500
12.519	V	CTV 1	22500
12.519	V	J2	22500
12.519	V	Preview	22500
12.519	V	Preview	22500
12.519	V	SKY Movies	22500
12.519	V	SKY News	22500
12.519	V	MindGames	22500
●12.519	V	80's Hits	22500
12.519	V	Ad Tracks	22500
12.519	V	Classical	22500
12.519	V	George FM	22500
12.519	V	Kids	22500
12.519	V	EPG Background Audio	22500
12.519	V	RNZ Concert	22500
12.519	V	RNZ National	22500
12.519	V	Tahu FM	22500
12.519	V	TS3 IEPG Data Serv	22500
12.519	V	CA2 Download Servi	22500
12.519	V	Firecall	22500

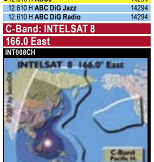
OPT0D1AU



Freq GHz	Pol	Channel Name	Symbol rate
12.407	H	SBS	12600
12.407	H	SBS 2	12600
12.407	H	SBS HD	12600
12.407	H	SBS NEWS	12600
12.407	H	SBS RADIO 1	12600
12.407	H	SBS RADIO 2	12600
12.451	H	SBS	12600
12.451	H	SBS 2	12600
12.451	H	SBS HD	12600
12.451	H	SBS NEWS	12600
12.451	H	SBS RADIO 1	12600
12.451	H	SBS RADIO 2	12600
12.469	H	SBS	12600
12.469	H	SBS 2	12600
12.469	H	SBS HD	12600
12.469	H	SBS NEWS	12600
12.469	H	SBS RADIO 1	12600
12.469	H	SBS RADIO 2	12600
12.487	H	SBS	12600
12.487	H	SBS 2	12600
12.487	H	SBS HD	12600
12.487	H	SBS NEWS	12600
12.487	H	SBS RADIO 1	12600
12.487	H	SBS RADIO 2	12600
12.514	H	ABC HDTV	14294
●12.514	H	ABC1	14294
12.514	H	ABC2	14294
●12.514	H	ABC3	14294
12.514	H	ABC DiG Jazz	14294
12.514	H	ABC DiG Radio	14294
12.532	H	ABC HDTV	14294
●12.532	H	ABC1	14294
12.532	H	ABC2	14294
●12.532	H	ABC3	14294
12.532	H	ABC DiG Jazz	14294
12.532	H	ABC DiG Radio	14294
12.550	H	ABC HDTV	14294
●12.550	H	ABC1	14294
12.550	H	ABC2	14294
●12.550	H	ABC3	14294
12.550	H	ABC DiG Jazz	14294
12.550	H	ABC DiG Radio	14294
12.577	H	ABC HDTV	14294
●12.577	H	ABC1	14294
12.577	H	ABC2	14294
●12.577	H	ABC3	14294
12.577	H	ABC Dig Jazz	14294
12.577	H	ABC DiG Radio	14294
12.595	H	ABC HDTV	14294
●12.595	H	ABC1	14294
12.595	H	ABC2	14294
●12.595	H	ABC3	14294
12.595	H	ABC DiG Jazz	14294
12.595	H	ABC DiG Radio	14294
12.610	H	ABC HDTV	14294
●12.610	H	ABC1	14294
12.610	H	ABC2	14294
●12.610	H	ABC3	14294
12.610	H	ABC DiG Jazz	14294
12.610	H	ABC DiG Radio	14294

C-Band: INTELSAT 8
166.0 East

INT008CH



Freq GHz	Pol	Channel Name	Symbol rate
● 3.740	H	MTV Asia	27500
● 3.740	H	MTV Mandarin	27500
● 3.740	H	MTV Philippines	27500
● 3.740	H	MTVNA	27500
● 3.740	H	Nick Japan	27500
● 3.740	H	Nick NZ	27500
● 3.740	H	Nick SE	27500
● 3.740	H	MTV China	27500
● 4.020	H	Atlantic	26470
4.020	H	ESPN	26470
● 4.020	H	ESPN2	26470
● 4.020	H	ESPN2 Caribbean	26470
● 4.020	H	Latin Caribbean	26470
● 4.020	H	Middle East	26470
● 4.020	H	Pac Rim	26470
● 4.020	H	VC/Occassional Pal	26470
● 4.060	H	Premium	16180
● 4.060	H	NTSC English	16180
● 4.060	H	NTSC Japanese	16180
● 4.060	H	PAL English	16180
● 4.060	H	PAL Japanese	16180
● 4.060	H	Audio for Radio	16180

INT008CV

Freq GHz	Pol	Channel Name	Symbol rate
3.790	V	KBS WORLD	6507
3.790	V	YTN	6507
3.808	V	EMTV & Radio	5632
3.808	V	Radio Services	5632
● 3.815	V	ArirangTV W2	4400
3.833	V	Asia	17500
3.833	V	TVBS-M	17500
3.833	V	TVBS	17500
3.833	V	TVBSG	17500
3.833	V	TVBSN	17500
3.833	V	UTILITY	17500
3.833	V	Audio Only	17500
3.880	V	A copy of ANC (stati	28700
3.880	V	A copy of TFC 1 (cab	28700
3.880	V	ABS-CBN 1 (cable)	28700
3.880	V	ABS-CBN halalan	28700
3.880	V	ANC (cable)	28700
3.880	V	ANC (station)	28700
3.880	V	Channel 17	28700
3.880	V	channel 2	28700
3.880	V	Cinema 1 (cable)	28700
3.880	V	Cinema Global	28700
3.880	V	HERO Channel	28700
3.880	V	LIFESTYLE (cable)	28700
3.880	V	MYX (cable)	28700
3.880	V	OS Download Channel	28700
3.880	V	PBB	28700
3.880	V	PinoyCentral TV	28700
3.880	V	PinoyCentral TV Kida	28700
3.880	V	Studio 23 (cable)	28700
3.880	V	TFC 1 (cable)	28700
3.880	V	Knowledge Channel (c	28700
3.880	V	DZMM (international)	28700
3.880	V	DZMM (local)	28700
3.880	V	DWRR (international)	28700
3.880	V	DWRR (local)	28700
3.880	V	MOR Feed	28700
3.949	V	MBC 1	4613
● 3.960	V	CRI Radio	3428
3.972	V	SBS WORLD	2206
4.050	V	TVB 8	13236
4.121	V	GEMTV	5555
4.121	V	NET-25	5555
4.121	V	Data	5555
● 4.131	V	DAAI	5800
● 4.131	V	HZ	5800

INTELSAT 8
166.1 East

INT008KA

Freq GHz	Pol	Channel Name	Symbol rate
12.286	H	Animal Planet	28800
12.286	H	Canal Sur	28800
12.286	H	Discovery HH	28800
12.286	H	Discovery RT	28800
12.286	H	Discovery Sc	28800
12.286	H	Discovery TL	28800
12.286	H	Enews ES	28800
12.286	H	Enews Italy	28800
12.286	H	Euronews	28800
●12.286	H	Latele Novela	28800
12.286	H	Leonardo World	28800
12.286	H	PGM 207	28800
12.286	H	PGM 208	28800
12.286	H	PGM 213	28800
●12.286	H	RAI Italia	28800
12.286	H	TV Chile	28800
12.286	H	Utilisima	28800
12.286	H	VTV Uruguay	28800
12.286	H	Wine TV	28800
●12.286	H	Satelradio	28800
12.326	H	E! Ent	28800
12.326	H	Movie Ex	28800
12.326	H	Movie Gr	28800
12.326	H	Movie One	28800
12.326	H	Movie Two	28800
12.326	H	MTV	28800
12.326	H	Nat.Geographic	28800
12.326	H	NG Adventure	28800
12.326	H	Ovation	28800
12.326	H	PGM 311	28800
12.326	H	PGM 313	28800
12.326	H	TCM	28800
12.326	H	VH1	28800
12.526	H	ANT1 Pacific	28800
12.526	H	BBC	28800
12.526	H	Bloomberg	28800
12.526	H	Cartoon Network	28800
12.526	H	CNNI	28800
12.526	H	ERT World	28800
12.526	H	Eurosport	28800
12.526	H	Fashion TV	28800
12.526	H	PGM 109	28800
●12.526	H	PGM*114	28800
●12.526	H	RFS TV	28800
12.526	H	Sky Racing	28800
12.526	H	TVE	28800
12.526	H	Weatherzone	28800
●12.526	H	SelecTV.	28800
12.526	H	Antenna Radio	28800
12.526	H	ERA Sport Radio	28800
12.526	H	Vce of Greece	28800
●12.526	H	TCTFM	28800
●12.575	H	ANC	13845
●12.575	H	CINEMA1	13845
12.575	H	KC	13845
●12.575	H	TFC	13845
●12.575	H	ANC	13845
●12.575	H	CINEMA1	13845
12.575	H	DA-I	13845
●12.575	H	ISHTAR TV	13845
●12.575	H	KC	13845
●12.575	H	TFC	13845
12.575	H	DWRR	13845
●12.575	H	DZMM	13845
●12.575	H	DWRR	13845
●12.575	H	DZMM	13845
●12.646	H	Al Arabiyah	28060
●12.646	H	AL JAZEERA	28060
●12.646	H	ART AUSTRALIA	28060
●12.646	H	ART MOVIES	28060
●12.646	H	Future TV	28060
●12.646	H	LBC AUSTRALIA	28060
●12.646	H	MBC	28060
●12.646	H	Tele Lumiere	28060
●12.646	H	ART GLOBAL	28060
●12.646	H	ART LATINO	28060
●12.646	H	Future News	28060
●12.646	H	LBC AMERICA	28060
●12.646	H	Leonardo World	28060
●12.646	H	NBN	28060
●12.646	H	NTV	28060
●12.646	H	RAI NTSC	28060
●12.646	H	RAI PAL Australia	28060
●12.646	H	RAI PAL South Amer	28060
●12.646	H	Orient Radio	28060
●12.646	H	Radio 2Moro	28060
●12.646	H	Radio Al Ddikr	28060
●12.646	H	Radio Music	28060
●12.646	H	Radio Voice of Chari	28060
●12.646	H	Rai Radio Australia	28060
●12.646	H	Rai Radio Service	28060
●12.646	H	RI Anni 60	28060
●12.646	H	DSD	28060
●12.646	H	DSD ARION	28060
12.686	H	CCTV 4	28125
12.686	H	Celestial	28125
12.686	H	Chong Qing TV	28125
12.686	H	Dragon TV	28125
12.686	H	Hunan	28125
12.686	H	Phoenix Chinese	28125
12.686	H	Phoenix InfoNews	28125
12.686	H	TVB K/C	28125
12.686	H	TVB8	28125
12.686	H	TVBJ	28125
12.686	H	tvbN	28125
12.686	H	TVBS - N	28125
12.686	H	TVBS Asia	28125
12.686	H	Xing He	28125
12.686	H	Coship Code Download	28125
●12.726	H	A1 PLUS	28060
●12.726	H	BHT	28060
●12.726	H	BK TV	28060
●12.726	H	BN TV	28060
●12.726	H	DM SAT	28060
●12.726	H	NHK	28060
●12.726	H	PINK EXTRA	28060
●12.726	H	PINK PLUS	28060
●12.726	H	VIKOM	28060
●12.726	H	BETHEL TV	28060
●12.726	H	ERI TV	28060
●12.726	H	KTV	28060
●12.726	H	Melody Arabia	28060
●12.726	H	ORANGE TV	28060
●12.726	H	SYRIA TV	28060
●12.726	H	CRI RADIO	28060
●12.726	H	ERI RADIO A	28060
●12.726	H	ERI RADIO T	28060
●12.726	H	Main General Program	28060
●12.726	H	Voice of People	28060
●12.726	H	Voice of Youth	28060

C-Band: INTELSAT 2
169.0 East

INT002CO

Freq GHz	Pol	Channel Name	Symbol rate
3.958	V	B/U Weather Channel	6621
3.958	V	Metromux-SA2	6621
3.958	V	NAPSA2	6621

INT002CP

Freq GHz	Pol	Channel Name	Symbol rate
3.901	H	PAS Adhoc I VC 2	30800
3.901	H	Adhoc III VC 7	30800
3.901	H	Australian Broadcast	30800
3.901	H	BBC	30800
3.901	H	Copy VC 4 P2 DCP U	30800
● 3.901	H	IQRAA	30800
3.901	H	P2 CCP Upgrade	30800
3.901	H	PAS Adhoc II VC 4	30800
3.901	H	Radio Australia ABC	30800
● 3.958	V	B/U Weather Channel	6620
● 3.958	V	Metromux-SA2	6620
● 3.958	V	NAPSA2	6620
3.992	V	Channel 1	26470
3.992	V	Channel 3	26470
3.992	V	Channel 5	26470
3.992	V	MetroMux Channel 8	26470
3.992	V	Channel 2	26470
3.992	V	Channel 4	26470
3.992	V	Channel 6	26470
3.992	V	MetroMux Channel 7	26470
4.022	H	Hope Channel Intl	5900
● 4.022	H	Hope Intl Alt Lang1	5900
● 4.022	H	Hope Intl Alt Lang2	5900
● 4.022	H	Lifetalk Radio	5900

INTELSAT 2
169.1 East

INT002KA

Freq GHz	Pol	Channel Name	Symbol rate
12.281	H	FTV	3700

INT002KC

Freq GHz	Pol	Channel Name	Symbol rate
12.281	V	ABC TV Northern	27500
12.281	V	Win TV West	27500
12.400	H	TVBS Newsnet	3000
12.401	V	Arirang TV	4400

INT002KN

Freq GHz	Pol	Channel Name	Symbol rate
12.604	V	JAXA/NASA	5429

AMC 23
172.0 East

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Freq GHz	Pol	Channel Name	Symbol rate
3.779	H	Data	26404

INTELSAT 701
180.0 East

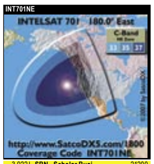
INT701CB

Freq GHz	Pol	Channel Name	Symbol rate
4.055	L	ABC Asia Pacific	16500
4.055	L	Cartoon Network (Aus	16500
4.055	L	CNN International	16500
4.055	L	Discovery Channel (N	16500
4.055	L	Fiji 1	16500
4.055	L	MTV (Southeast Asia)	16500
4.055	L	Sky Entertainment	16500
4.095	L	Sky Multiplex	16500
4.175	L	AFRTS News	3679
4.175	L	AFRTS Pacific	3679
4.175	L	AFRTS Sports	3679

INT701KP

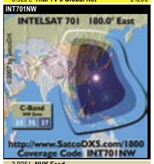
Freq GHz	Pol	Channel Name	Symbol rate
11.060	V	Cinefaz	30000
11.060	V	Infosport	30000
11.060	V	LCI	30000
11.060	V	M6	30000
11.060	V	M6 Music	30000
11.060	V	Matavision	30000
11.060	V	Odyssee	30000
11.060	V	TeleToon	30000
11.060	V	TPS Star	30000
11.060	V	Tahiti Nui TV	30000
11.060	V	Europe 2	30000
11.060	V	Radio Nostalgie	30000
11.060	V	Rire et Chansons	30000
11.136	V	France O	23150
11.136	V	Malakof	23150
11.136	V	RFO feeds	23150
11.136	V	RFO Tempo Nouvelle	23150
11.136	V	RFO Tempo Polynesie	23150
11.136	V	Tele Nouvelle Caledo	23150
11.136	V	Tele Polynesie	23150
11.136	V	Tele Wallis et Futun	23150
11.514	V	Cartoon Network	30000
11.514	V	Cinestar 2	30000
11.514	V	CNN International	30000
11.514	V	Mangas	30000
11.514	V	RFO Tempo Tahiti tes	30000
11.514	V	RTL 9	30000
11.514	V	TCM	30000
11.514	V	Teva	30000
11.514	V	TF1	30000
11.514	V	TF6	30000
11.514	V	TV Polynesie tests	30000
11.514	V	RFO Tempo Polynesie	30000
11.514	V	Tele Polynesie	30000
11.514	V	SkyRock	30000
11.514	V	Radio Polynesie	30000

INT701NE



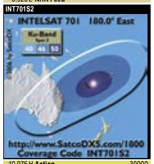
Freq GHz	Pol	Channel Name	Symbol rate
3.922	L	SBN - Scholar Busi	21200
3.922	L	Thai TV 5 Global Net	21200

INT701NW



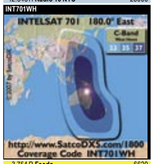
Freq GHz	Pol	Channel Name	Symbol rate
3.925	L	NHK Feed	

INT701S2



Freq GHz	Pol	Channel Name	Symbol rate
10.975	H	Action	30000
10.975	H	Canal+ Jaune	30000
10.975	H	Cinefaz	30000
10.975	H	Cinestar 1	30000
10.975	H	Eurosport France	30000
10.975	H	Mezzo	30000
10.975	H	TF 6	30000
11.174	H	France O	23150
11.174	H	Malakof	23150
11.174	H	RFO Feeds	23150
11.174	H	RFO Tempo Nouvelle	23150
11.174	H	RFO Tempo Polynesie	23150
11.174	H	Tele Nouvelle Caledo	23150
11.174	H	Tele Polynesie	23150
11.174	H	Tele Wallis et Futun	23150
11.174	H	France Culture	23150
11.174	H	France Inter	23150
11.174	H	Le Mouv Inter	23150
11.174	H	Radio Nouvelle Caled	23150
11.174	H	Radio Polynesie	23150
11.610	H	Canal+ Caledonie	30000
11.610	H	Cartoon Network	30000
11.610	H	Cine Cinemas	30000
11.610	H	Disney Channel	30000
11.610	H	Euronews	30000
11.610	H	LCI	30000
11.610	H	LEquipe TV	30000
11.610	H	M6	30000
11.610	H	MCM	30000
11.610	H	Motors	30000
11.610	H	National Geographic	30000
11.610	H	Planete	30000
11.610	H	RFM TV	30000
11.610	H	RTL 9	30000
11.610	H	Sport+	30000
11.610	H	TCM	30000
11.610	H	Tele Caledonie	30000
11.610	H	TV5	30000
11.610	H	Voyage	30000
11.610	H	XXL	30000
11.610	H	France O	30000
11.610	H	Europe 1	30000
12.648	H	BBC World	28066
12.648	H	Discovery Channel (N	28066
12.648	H	EWTN (Asia)	28066
12.648	H	MUTV	28066
12.648	H	Nickelodeon (New Zea	28066
12.648	H	Pacific Sports Netwo	28066
12.648	H	PBS info card	28066
12.648	H	PTV 1	28066
12.648	H	SET Asia	28066
12.648	H	VH1 (Australia)	28066
12.648	H	Zee Cinema (Australi	28066
12.648	H	Zee Music (Asia)	28066
12.648	H	Zee TV (Asia Pacific	28066
12.648	H	BBC World Service	28066
12.648	H	Radio 16 NTC	28066

INT701WH



Freq GHz	Pol	Channel Name	Symbol rate
3.754	R	Feeds	6620
3.769	R	Church TV	20000
3.769	R	Feeds	20000
3.769	R	JCTV	20000
3.769	R	Pacific TV feeds	20000
3.769	R	Pictures of Croatia	20000
3.769	R	TBN - Trinity Broa	20000
3.793	R	TV Globo Internation	6111
3.793	L	WDC_Enc3	5632
3.803	R	NBC Solar 1	6111
3.815	R	NBA Feeds	6111
3.821	R	Feeds (DSNG 2)	6111
3.830	R	Feeds (DSNG 3)	6111
3.854	R	NASA TV	2000
3.885	R	Ch. 10 - POR9-10,	25000
3.885	R	Ch. 150 - Alhurra (M	25000
3.885	R	Ch. 170 - MTN-I	25000
3.885	R	Ch. 22 - POR13-14,	25000
3.885	R	Ch. 8 - OS Downloa	25000
3.885	R	Ch. 9 - OS Downloa	25000
3.885	R	Ch. 90 - POR25-26,	25000
3.885	R	Ch. 91 - POR29-30,	25000
3.885	R	DEFAULT	25000
3.885	R	Ch. 100 - POR25-26	25000
3.885	R	Ch. 120 - POR33-34	25000
3.885	R	Ch. 121 - POR37-38	25000
3.885	R	Ch. 130 - POR41-42	25000
3.885	R	Ch. 131 - POR45-46	25000
3.885	R	Ch. 140 - POR49-50	25000
3.885	R	Ch. 141 - POR53-54	25000
3.885	R	Ch. 151 - POR61-62	25000
3.885	R	Ch. 171 - POR77-78	25000
3.885	R	Ch. 36 - POR5-6, P	25000
3.885	R	CH. 40 - POR65-66,	25000
3.885	R	CH. 42- POR69-70,	25000
3.928	R	JCTV	11394
3.928	R	Smile of a Child	11394
3.928	R	TBN (USA)	11394
3.928	R	The Church Channel	11394
4.024	L	Prime TV	6876
4.028	R	Baccarat Game Channe	3702
4.044	R	Feed	5632

NSS 5
183.0 East (177.0 West)

NSS005AU

Freq GHz	Pol	Channel Name	Symbol rate
12.521	H	ABC NSW	14294
12.521	H	ABC2 NSW	14294
12.539	H	ABC South	14294
12.539	H	ABC2 South Australia	14294
12.556	H	ABC Northern Territo	14294
12.556	H	ABC2 Northern Territ	14294
12.574	H	ABC Queensland	14294
12.574	H	ABC2 Queensland	14294
12.604	H	ABC Victoria	14294
12.604	H	ABC2 Victoria	14294
12.612	V	AD-Hoc	28357
12.612	V	ADHOC Channel.	28357
12.612	V	B Y U	28357
12.612	V	BYU TV	28357
12.612	V	Now TV	28357
12.612	V	STAR NEWS INDIA	28357
12.612	V	TV 5 Asie	28357
12.612	V	TV5 Monde Asie	28357
12.612	V	ZEE TV	28357
12.612	V	{Empty}	28357
12.622	H	SBS South East	12600
12.622	H	SBS EPG	12600
12.622	H	SBS NSW	12600
12.622	H	SBS World News Cha	12600
12.640	H	SBS Queensland	12600
12.640	H	SBS South	12600
12.640	H	SBS EPG	12600
12.640	H	SBS Queensland	12600
12.640	H	SBS South	12600
12.640	H	SBS World News Cha	12600
12.658	H	SBS package	12600

NSS005GL

Freq GHz	Pol	Channel Name	Symbol rate
4.185	R	BYU TV	4377

NSS005NW

Freq GHz	Pol	Channel Name	Symbol rate
3.977	L	AFN Family	28000
3.977	L	AFN Guide	28000
3.977	L	AFN Movies	28000
3.977	L	AFN News	28000
3.977	L	AFN Prime Atlantic	28000
3.977	L	AFN Prime Korea	28000
3.977	L	AFN Prime Pacific	28000
3.977	L	AFN Spectrum	28000
3.977	L	AFN Sports	28000
3.977	L	Pentagon Channel	28000
3.977	L	Adult Rock'n'Roll	28000
3.977	L	AFN Voice Channel	28000
3.977	L	Bright AC	28000
3.977	L	Contingency Channel	28000
3.977	L	Country Music	28000
3.977	L	ESPN Plus	28000
3.977	L	Fox Sports Plus	28000
3.977	L	Hot AC	28000
3.977	L	Newsreel	28000
3.977	L	NPR Worldwide (AFR	28000
3.977	L	Oldies Radio	28000
3.977	L	The Touch	28000
3.977	L	Z-Rock	28000

NSS005WH

Freq GHz	Pol	Channel Name	Symbol rate
3.745	R	Data service	45005
3.920	R	RFO-Tempo	2893

ECHOSTAR 1, 2
212.0 East (148.0 West)

ECH001KB

Freq GHz	Pol	Channel Name	Symbol rate
12.224	R	ART Global America	20000
12.224	R	ART Movies America	20000
12.224	R	Asia TV	20000
12.224	R	B4U Movies USA	20000
12.224	R	CCTV 4	20000
12.224	R	LBC America	20000
12.224	R	Phoenix Chinese Nort	20000
12.224	R	The Israeli Network	20000
12.224	R	TV 5	20000
12.224	R	Zee Gold	20000
12.224	R	Zee TV USA	20000
12.239	L	KBCB-TV	20000
12.239	L	KBTC-TV	20000
12.239	L	KGEB-TV	20000
12.239	L	KWDK-TV	20000
12.239	L	KWHB-TV	20000
12.239	L	KWOG (ShopNBC)	20000
12.239	L	Special 4	20000
12.253	R	HBO HDTV	20000
12.268	L	KAZH-TV	20000
12.268	L	KFTH-TV	20000
12.268	L	KLTJ-TV	20000
12.268	L	KNWS-TV	20000
12.268	L	KTBU-TV	20000
12.268	L	KTMD-TV	20000
12.268	L	KVDA-TV	20000
12.268	L	KWEX-TV	20000
12.268	L	KXLN-TV	20000
12.268	L	KZJL-TV	20000
12.282	R	WGVU-TV	20000
12.282	R	WLLA-TV test card	20000
12.282	R	WOOD-TV	20000
12.282	R	WOTV-TV	20000
12.282	R	WTLJ-TV	20000
12.282	R	WWMT-TV	20000
12.282	R	WXMI-TV	20000
12.282	R	WZPX-TV	20000
12.282	R	WZZM-TV	20000
12.297	L	KDTP-TV	20000
12.297	L	KINC-TV	20000
12.297	L	KPHZ-TV	20000
12.297	L	KTVW-TV	20000
12.297	L	KUVS-TV	20000
12.311	R	Antenna Satellite	20000
12.311	R	Arirang TV World 2	20000
12.311	R	ERT Sat	20000
12.311	R	Mega Cosmos	20000
12.311	R	NTV International	20000
12.311	R	NTV Plus	20000
12.311	R	International Promot	20000
12.326	L	KDTN-TV	20000
12.326	L	KFWD-TV	20000
12.326	L	KLDT-TV	20000
12.326	L	KMPX-TV	20000
12.326	L	KSTR-TV	20000
12.326	L	KUVN-TV	20000
12.326	L	KXTX-TV	20000
12.326	L	WZPX-TV	20000
12.341	R	EDTV Channel Europ	20000
12.341	R	ESC 1 USA	20000
12.341	R	Future TV USA	20000
12.341	R	Nile Drama	20000
12.341	R	PTV Prime	20000
12.341	R	Soccer	20000
12.370	R	RAI International 1&	20000
12.370	R	Rede Record Internac	20000
12.370	R	SET USA	20000
12.370	R	TV Asia	20000
12.370	R	TV Globo Internacion	20000
12.370	R	TV Japan	20000
12.399	R	KCBS-DT	20000
12.428	R	Dish 4 Showroom Prom	20000
12.428	R	Gem Shopping Network	20000
12.428	R	HD PPV	20000
12.428	R	Shop at Home	20000
12.457	R	Showtime HDTV East	20000
12.486	R	Al Jazeera	20000
12.486	R	PolSat 2 Internation	20000
12.486	R	TVN 24	20000
12.516	R	KADY-TV	20000
12.516	R	KAZA-TV	20000
12.516	R	KDOC-TV	20000
12.516	R	KFTR-TV	20000
12.516	R	KHIZ-TV	20000
12.516	R	KLCS-TV	20000
12.516	R	KOCE-TV	20000
12.516	R	KRCA-TV	20000
12.516	R	KSCI-TV	20000
12.516	R	KVCR-TV	20000
12.516	R	KVEA-TV	20000
12.545	R	Business TV	20000
12.545	R	ETC 1	20000
12.545	R	ETC 2	20000
12.545	R	Special 1	20000
12.545	R	Special 2	20000
12.545	R	Special 3	20000
12.574	R	KAZQ-TV	20000
12.574	R	KCHF-TV	20000
12.574	R	KJLA-TV	20000
12.574	R	KLUZ-TV	20000
12.574	R	KTEL-TV	20000
12.574	R	KVMD-TV	20000
12.574	R	KWHY-TV	20000
12.574	R	KXLA-TV	20000
12.603	R	KCSM-TV	20000
12.603	R	KDTV-TV	20000
12.603	R	KFSF-TV	20000
12.603	R	KMPT-TV	20000
12.603	R	KRCB-TV	20000
12.603	R	KRON-TV	20000
12.603	R	KSTS-TV	20000
12.603	R	KTEH-TV	20000
12.603	R	KTNC-TV	20000
12.603	R	KTSF-TV	20000
12.632	R	KBDI-TV	20000
12.632	R	KCEC-TV	20000
12.632	R	KDEN-TV	20000
12.632	R	KMAS-TV	20000
12.632	R	KRMT-TV	20000
12.632	R	KTVJ-TV	20000
12.632	R	KWHD-TV	20000
12.661	R	Dish-On Demand PPV	20000
12.661	R	Events PPV	20000
12.661	R	Florida Educational	20000

The Full Chart with the most up-to-date channel data is available exclusively for TELE-satellite readers from SatcoDX's CD "World of Satellites"

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Freq (GHz)	Pol	Channel Name	Symbol rate
12.661	R	Good Samaritan Netwo	20000
12.661	R	Safety Net	20000
12.661	R	Sport PPV	20000
12.661	R	The Hot Zone	20000
12.661	R	Adult Guard Promo	20000

C-Band: AMC 8
221.0 East (139.0 West)
AMC008CB

Freq (GHz)	Pol	Channel Name	Symbol rate
3.783	H	KTOO-TV Juneau, Al	4200
4.059	H	Gavel To Gavel Netwo	8100
4.059	H	Nasa TV	8100
4.059	H	Alaska Public Radio	8100
4.105	V	Feeds	5025
4.168	H	ARCS	4200
4.168	H	TEST 2	4200
4.168	H	True Country	4200

C-Band: AMC 7
223.0 East (137.0 West)
AMC007CB

Freq (GHz)	Pol	Channel Name	Symbol rate
3.740	V	KMGH-TV	
3.740	V	C Band Talk	
3.800	H	KDVR-TV	
3.800	H	Colorado Talking Boo	
3.800	H	W0kie	
3.820	V	KCNC-TV	
3.880	H	KAKM-TV Anchorage	25196
3.880	H	KIMO-TV Anchorage	25196
3.880	H	KTBY-TV Anchorage	25196
3.880	H	KTUU-TV Anchorage	25196
3.880	H	KTVA-TV Anchorage	25196
3.880	H	KYES-TV Anchorage	25196
3.980	V	KUSA-TV	
4.020	V	Feed	
4.080	H	CRN 1	
4.100	V	Feed	6500
4.160	H	KWGN-TV	

C-Band: AMC 10
225.0 East (135.0 West)
AMC010CB

Freq (GHz)	Pol	Channel Name	Symbol rate
3.720	V	Food Network	29270
3.720	V	HGTV East	29270
3.720	V	Shop at Home TV	29270
3.740	H	Bravo US	19510
3.740	H	ESPN Classic	19510
3.740	H	HBO 2 West	19510
3.740	H	HBO Signature West	19510
3.740	H	HGTV US	19510
3.740	H	Love Stories West	19510
3.740	H	Mystery West	19510
3.740	H	Showtime Too West	19510
3.740	H	Starz! Theater West	19510
3.740	H	The History Channel	19510
3.740	H	The Movie Channel We	19510
3.740	H	Westerns West	19510
3.760	V	Nickelodeon East	
3.780	H	Galavision USA Este	29200
3.780	H	Galavision USA Oeste	29200
3.780	H	TeleFutura	29200
3.780	H	Univision Este	29200
3.783	V	The California Chann	3000
3.800	V	Black Starz! West	19510
3.800	V	Encore West	19510
3.800	V	MoviePlex East	19510
3.800	V	MoviePlex West	19510
3.800	V	Starz! Cinema West	19510
3.800	V	Starz! Family West	19510
3.800	V	Starz! Kids West	19510
3.800	V	Starz! Theater West	19510
3.800	V	Starz! West	19510
3.800	V	WAM! West	19510
3.820	H	E! East	
3.840	V	In HD	19510
3.840	V	In HD2	19510
3.860	H	Test Card	19510
3.860	H	TV Guide	19510
3.880	V	QVC US	
3.900	H	HSN - Home Shoppin	
3.920	V	MTV East	29270
3.920	V	VH1 East	29270
3.956	H	G4 Tech TV US	4000
3.960	V	CNBC US	
3.980	H	Animal Planet	29270
3.980	H	BBC America West	29270
3.980	H	Discovery Channel We	29270
3.980	H	Discovery HD Theater	29270
3.980	H	Discovery Health	29270
3.980	H	The Learning Channel	29270
3.980	H	The Travel Channel	29270
4.020	H	Cine Latino	19510
4.020	H	CNN en Espanol	19510
4.020	H	Discovery Espanol	19510
4.020	H	Fox Sports World Esp	19510
4.020	H	HBO Latino	19510
4.020	H	HTV	19510
4.020	H	MTV Spanish	19510
4.020	H	Telemundo Internacio	19510
4.020	H	Toon Disney	19510
4.020	H	Utilisima Satelital	19510
4.020	H	VH Uno	19510
4.020	H	Fiesta Tropicana	19510
4.020	H	Latin Contemporary	19510
4.020	H	Latin Jazz	19510
4.020	H	Musica de las Americ	19510
4.020	H	Regional Mexican	19510
4.020	H	Rock en Espanol	19510
4.020	H	Salsa	19510
4.020	H	Tejano	19510
4.040	V	MTV East	
4.060	H	In Demand 10	19510
4.060	H	In Demand 11	19510
4.060	H	In Demand 12	19510
4.060	H	In Demand 13	19510
4.060	H	In Demand 14	19510
4.060	H	In Demand 7	19510
4.060	H	In Demand 8	19510
4.060	H	In Demand 9	19510
4.060	H	In Demand Barker	19510
4.067	V	C-SPAN 3	5000
4.080	V	C-SPAN 2	
4.100	H	Showtime HD East	29270
4.100	H	The Movie Channel HD	29270
4.120	V	Discovery Channel Ea	
4.140	H	Flix	
4.180	H	The Weather Channel	29270

C-Band: GALAXY 15
227.0 East (133.0 West)
GXY015CB

Freq (GHz)	Pol	Channel Name	Symbol rate
3.720	H	Comedy Central West	
3.740	V	Galavision USA Este	24570
3.740	V	Univision Este	24570
3.740	V	Univision Oeste	24570
3.740	V	Univision Package	24570
3.760	H	Action East	19510
3.760	H	Action West	19510
3.760	H	Encore East	19510
3.760	H	Love Stories East	19510
3.760	H	Love Stories West	19510
3.760	H	Mystery East	19510
3.760	H	Mystery West	19510
3.760	H	True Stories East	19510
3.760	H	True Stories West	19510
3.760	H	Westerns East	19510
3.760	H	Westerns West	19510
3.780	V	Do-It-Yourself Netwo	19510
3.780	V	Fine Living	19510
3.780	V	Food Network TV	19510
3.780	V	HGTV East	19510
3.780	V	HGTV West	19510
3.800	H	Classic Arts Showcas	
3.820	V	Spike TV	
3.840	H	The Disney Channel W	
3.860	V	Cartoon Network	
3.880	H	ESPN	29270
3.880	H	ESPN 2	29270
3.880	H	ESPN 2 Alternate	29270
3.880	H	ESPN Alternate	29270
3.900	V	MSNBC	
3.920	H	EWTN - Eternal Wor	
3.920	H	EWTN Catholic Radi	
3.920	H	EWTN Radio Catolic	
3.940	V	ShopNBC	
3.960	H	Black Starz! East	19510
3.960	H	Encore East	19510
3.960	H	Encore West	19510
3.960	H	Starz! Cinema East	19510
3.960	H	Starz! Cinema West	19510
3.960	H	Starz! East	19510
3.960	H	Starz! Family East	19510
3.960	H	Starz! Kids East	19510
3.960	H	Starz! Theater East	19510
3.960	H	Starz! West	19510
3.960	H	WAM! East	19510
3.980	V	Feeds	
4.000	H	Cartoon Network East	29270
4.000	H	CNN Headline News	29270
4.000	H	CNN USA	29270
4.000	H	TBS East	29270
4.000	H	TNT East	29270
4.020	V	Boomerang	29270
4.020	V	Cartoon Network West	29270
4.020	V	CNN Airport Network	29270
4.020	V	CNN en Espanol	29270
4.020	V	CNN Headline News	29270
4.020	V	CNN International	29270
4.020	V	CNN USA	29270
4.020	V	TBS Canada	29270
4.020	V	TBS West	29270
4.020	V	TCM US	29270
4.020	V	TNT West	29270
4.020	V	Turner South	29270
4.025	H	I-Life TV	4880
4.040	H	The Inspirational Li	
4.040	H	WNMX FM Mix 106	
4.060	V	@Max East	29270
4.060	V	HBO Comedy East	29270
4.060	V	HBO Comedy West	29270
4.060	V	HBO Zone East	29270
4.060	V	HBO Zone West	29270
4.060	V	Outer Max East	29270
4.060	V	Star Max East	29270
4.060	V	ThrillerMax East	29270
4.060	V	ThrillerMax West	29270
4.060	V	WMax East	29270
4.080	H	Cinemax East	
4.100	V	HGTV US	
4.120	H	USA Network West	
4.140	V	American Life TV Net	29270
4.140	V	CSTV - College Spo	29270
4.140	V	TV One	29270
4.140	V	JCTV	29270
4.140	V	MTV Jams	29270
4.140	V	The Church Channel	29270
4.160	H	ActionMax East	29270
4.160	H	ActionMax West	29270
4.160	H	Cinemax East	29270
4.160	H	Cinemax West	29270
4.160	H	HBO 2 East	29270
4.160	H	HBO 2 West	29270
4.160	H	HBO East	29270
4.160	H	HBO Family East	29270
4.160	H	HBO Family West	29270
4.160	H	HBO Latino East	29270
4.160	H	HBO Latino West	29270
4.160	H	HBO Signature East	29270
4.160	H	HBO Signature West	29270
4.160	H	HBO West	29270
4.160	H	MoreMax East	29270
4.160	H	MoreMax West	29270
4.180	V	Americas Store	29270
4.180	V	SciFi East	29270
4.180	V	SciFi West	29270
4.180	V	Trio	29270
4.180	V	USA East	29270
4.180	V	USA West	29270

C-Band: AMC 11
229.0 East (131.0 West)
AMC011CB

Freq (GHz)	Pol	Channel Name	Symbol rate
3.720	V	National Geographic	30000
3.720	V	Speed Channel	30000
3.720	V	Speed Channel Feeds	30000
3.720	V	Fox Feeds	30000
3.720	V	Fox Movie Channel	30000
3.720	V	Fox Sports World	30000
3.720	V	Fox Sports World Esp	30000
3.760	V	Fine Living	19510
3.760	V	Hot Choice	19510
3.760	V	In Demand 1	19510
3.760	V	In Demand 2	19510
3.760	V	In Demand 3	19510
3.760	V	In Demand 4	19510
3.760	V	In Demand 5	19510
3.760	V	In Demand 6	19510
3.760	V	Pleasure	19510
3.780	H	Lifetime Movie Netwo	29200
3.780	H	Lifetime Real Women	29200
3.780	H	Lifetime West	29200
3.800	V	Hallmark Channel US	29200
3.800	V	Hallmark Channel US	29200
3.800	V	Altitude 25	29200
3.800	V	Altitude 26	29200
3.800	V	Altitude 27	29200
3.820	H	Court TV East (VC	19510
3.820	H	Court TV West (VC	19510
3.820	H	Atlantic Satellite	19510
3.820	H	North West Cable N	19510
3.840	V	C-SPAN	
3.840	V	BBC World Service	
3.840	V	C-SPAN Radio	
3.860	H	E! TV West	26470
3.860	H	GSN - Game Show Ne	26470
3.860	H	GSN - Game Show Ne	26470
3.860	H	Hallmark Channel Eas	26470
3.860	H	PBS Kids Sprout	26470
3.860	H	Style East	26470
3.860	H	Style West	26470
3.860	H	WE - Women's Enterta	26470
3.860	H	Wisdom TV	26470
3.860	H	Bloomberg TV US	26470
3.880	V	Do-It-Yourself Netwo	19510
3.880	V	Fine Living	19510
3.880	V	Food Network East	19510
3.880	V	Food Network West	19510
3.880	V	HGTV West	19510
3.900	H	America's Store	
3.940	H	A&E East	29270
3.940	H	A&E West	29270
3.940	H	Crime & Investigatio	29270
3.940	H	Military History Cha	29270
3.940	H	The History Channel	29270
3.940	H	The History Channel	29270
3.940	H	The History Channel	29270
3.960	H	The Weather Channel	
3.980	H	NESN - Boston	29270
3.980	H	NESN - Feeds	29270
3.980	H	NESN - HD	29270
3.980	H	NESN - New England	29270
3.980	H	Boston Catholic TV	29270
3.980	H	Boston Catholic TV	29270
3.995	V	Viacom Package	19510
4.015	H	Showtime Package	19510
4.020	H	Discovery Espanol	29270
4.020	H	Discovery Health Cha	29270
4.020	H	Discovery Kids Ameri	29270
4.020	H	Discovery Travel and	29270
4.020	H	The Learning Channel	29270
4.040	H	The Movie Channel Ea	
4.060	H	CMT East	29270
4.060	H	CMT West	29270
4.060	H	The New TNN East	29270
4.060	H	TV Land East	29270
4.060	H	TV Land West	29270
4.075	V	Showtime Package	19510
4.100	H	Mun 2 East	29270
4.100	H	GAC - Great Americ	29270
4.100	H	PIN - Product Info	29270
4.100	H	Test Card	29270
4.140	H	BBC America (VC 70	19510
4.140	H	Discovery Civilizati	19510
4.140	H	Discovery Health (VC	19510
4.140	H	Discovery Home & L	19510
4.140	H	Discovery Kids (VC 6	19510
4.140	H	Discovery Wings (VC	19510
4.140	H	The Science Channel	19510
4.140	H	Discovery Espanol (V	19510
4.140	H	Fit TV (VC 616)	19510
4.160	V	E! TV East	

GALAXY 27
231.0 East (129.0 West)
INTAM7CN

Freq (GHz)	Pol	Channel Name	Symbol rate
3.974	V	Test Card	5632
11.780	H	StarBand	30000
11.964	H	White Springs TV	2920
12.100	H	StarBand	30000

ECHOSTAR 5
231.1 East (128.9 West)
ECH005KB

Freq (GHz)	Pol	Channel Name	Symbol rate
12.224	R	DishNetwork	21500

HORIZONS 1
233.0 East (127.0 West)
HOR001KB

Freq (GHz)	Pol	Channel Name	Symbol rate
11.720	H	Asia After Dark	26800
11.720	H	CCTV 4	26800
11.720	H	Chongqing TV	26800
11.720	H	CQTV	26800
11.720	H	CSFJ	26800
11.720	H	CSGD	26800
11.720	H	DAAI	26800
11.720	H	Fujian TV	26800
11.720	H	Guangdong TV	26800
11.720	H	HNTV	26800
11.720	H	IFTV	26800
11.720	H	Liaoning TV	26800
11.720	H	SKL1	26800
11.720	H	Pacvia TV	26800
11.720	H	PiTV	26800
11.720	H	Sky Link TV	26800

Freq (GHz)	Pol	Channel Name	Symbol rate
● 3.800	V	BBC NA MPEG	27690
● 3.800	V	Bethel TV	27690
● 3.800	V	Caribevision	27690
● 3.800	V	D9228 Upgrade	27690
● 3.800	V	Mega TV	27690
● 3.800	V	Shop Latino TV	27690
● 3.800	V	Caracol TV (Audio On	27690

C-Band: GALAXY 14
235.0 East (125.0 West)
GXY014CB

Freq (GHz)	Pol	Channel Name	Symbol rate
3.760	H	TBN - Trinity Broa	
3.760	H	KTBN - Trinity Bro	
3.765	V	The Golf Channel US	3600
3.800	H	CNN USA	
3.800	H	CNN Radio News	
3.820	V	TBS Superstation (	
3.820	V	Brother Stair	
3.820	V	WRN 1 North America	
3.820	V	WRN 2 North America	
3.840	H	The Disney Channel E	
3.860	V	HBO West	
3.860	V	WCPE	
3.880	H	ESPN	
3.920	H	ABC Family East	
3.940	V	Discovery Channel We	
3.960	H	CNBC US	
3.980	V	ESPN 2	
4.000	H	HBO East	
4.020	V	Cinemax West	
4.040	H	TNT East	
4.040	H	CNN Radio Noticias	
4.060	V	Sci Fi East	
4.080	H	USA Network East	
4.100	V	BET - Black Entert	
● 4.120	H	Lifetime East HD	29270
● 4.120	H	Lifetime West HD	29270
4.120	H	Lifetime East	29270
4.120	H	Lifetime Movie	29270
4.120	H	Lifetime West	29270
4.120	H	Lifetime Women	29270
4.140	V	CNN Headline News	
4.140	V	CNN Radio	
4.160	H	A&E East	
4.180	V	Showtime East	

Freq (GHz)	Pol	Channel Name	Symbol rate
● 3.720	H	TBN HD	26666
● 3.720	H	TBN_HD_Dolby	26666
● 3.720	H	Enlace	26666
● 3.720	H	JCTV	26666
● 3.720	H	SOAC	26666
● 3.720	H	Spare	26666
● 3.720	H	TBN_sd	26666
● 3.720	H	TCC	26666
● 3.780	V	Golf HD	29270
● 3.780	V	International	29270
● 3.960	H	WGN HD	29270
● 3.960	H	Tribune HD Content	29270
● 3.960	H	WGN AM Network	29270

GALAXY 10R
237.0 East (123.0 West)
GXY10RKB

Freq (GHz)	Pol	Channel Name	Symbol rate
11.720	V	KEGS	27692
11.720	V	KFDF	27692
11.720	V	KKTU	27692
11.720	V	KLMN-GFMT	27692
11.720	V	KMCC	27692
●11.720	V	KMMF	27692
11.720	V	KPBI - AR	27692
11.720	V	KUTH-KU	27692
11.720	V	KWCE-RTN	27692
11.720	V	KWWF	27692
●11.720	V	UNIV-ARK	27692
11.720	V	WBLU	27692
11.720	V	WNGS	27692
11.720	V	WNYI	27692
●11.732	H	Channel Four	13240
11.732	H	Channel One	13240
11.732	H	Channel Two	13240
●11.732	H	VISN 11	13240
11.732	H	Channel Three-VBA	13240
11.732	H	Wide Band Data	13240
11.798	V	DAYSTAR	26657
●11.798	V	KATV	26657
11.798	V	KCBU	26657
11.798	V	KDEV-LP	26657
11.798	V	KKYK	26657
11.798	V	KQUP	26657
11.798	V	KTVC	26657
11.798	V	KUTF	26657
11.798	V	KUWF	26657
11.798	V	KWBF	26657
11.798	V	KWBM	26657
11.798	V	KWKO	26657
11.798	V	WGMU	26657
11.798	V	WMQF	26657
11.798	V	WPXS	26657
11.798	V	WUMN Ku	26657
11.805	H	Feeds ({Empty Name})	4580
11.905	V	CH 1	4352
●11.965	V	AAJ-TV	5787
●11.965	V	HDTV TELEPORT INF	5787
●11.965	V	HUM-TV	5787
●11.965	V	TV-ONE	5787
●11.965	V	WAQT-TV	5787
12.059	H	Feeds ({Empty Name})	5000
●12.078	V	KBS WORLD	3680
12.104	V	SNG	2222
●12.114	V	RETROJAMS	4340
●12.114	V	KBZT	4340
●12.136	V	Service 1	2666

Freq (GHz)	Pol	Channel Name	Symbol rate
● 3.920	V	OS Download	26470
● 3.920	V	Soap East	26470
● 3.920	V	Soap West	26470
● 3.920	V	Toon East	26470
● 3.920	V	Toon West	26470
● 3.920	V	ABC Fam Backhaul	26470
● 4.160	V	BIO HD	29270
●11.731	H	Channel Four	13240
●11.731	H	Channel One	13240
●11.731	H	Channel Two	13240
●11.731	H	VISN 11	13240
●11.731	H	Channel Three-VBA	13240
●11.731	H	Wide Band Data	13240

GALAXY 10R
237.0 East (123.0 West)
GXY10RCB

Freq (GHz)	Pol	Channel Name	Symbol rate
3.795	V	Flix West	19510
3.795	V	Showtime Beyond West	19510
3.795	V	Showtime Extreme Wes	19510
3.795	V	Showtime Showcase We	19510
3.795	V	Showtime Too West	19510
3.795	V	Showtime West	19510
3.795	V	Sundance Channel Wes	19510
3.795	V	The Movie Channel We	19510
3.795	V	The Movie Channel Xt	19510
3.812	V	Showtime Family West	9760
3.812	V	Showtime Next West	9760
3.812	V	Showtime Women West	9760
3.837	V	TVN 2	19510
3.837	V	TVN 3	19510
3.837	V	TVN 4	19510
3.837	V	TVN 5	19510
3.837	V	TVN 6	19510
3.837	V	TVN 7	19510
3.837	V	TVN 8	19510
3.837	V	TVN 9	19510
3.840	V	unknown	26470
3.880	V	70s Oldies	29270
3.880	V	80s Hits	29270
3.880	V	90s Hits	29270
3.880	V	Acid Jazz	29270
3.880	V	Adult Alternative	29270
3.880	V	Adult Contemporary	29270
3.880	V	Album Rock	29270
3.880	V	Alternative Rock	29270
3.880	V	Beautiful Instrument	29270
3.880	V	Blues	29270
3.880	V	Children's	29270
3.880	V	Classic R&B	29270
3.880	V	Classic Rock	29270
3.880	V	Contemporary Christi	29270
3.880	V	Dance	29270
3.880	V	Fiesta Tropical	29270
3.880	V	Flashback New Wave	29270
3.880	V	Folk Rock	29270
3.880	V	Golden Oldies	29270
3.880	V	Gospel	29270
3.880	V	Great Standards	29270
3.880	V	Hard Rock	29270
3.880	V	Holiday Happenings	29270
3.880	V	Hottest Hits	29270
3.880	V	Jazz	29270
3.880	V	Latin Contemporary	29270
3.880	V	Listening Room	29270
3.880	V	Lite Classical	29270
3.880	V	Modern Country	29270
3.880	V	New Age	29270
3.880	V	Rap	29270
3.880	V	Reggae	29270
3.880	V	Regional Mexican	29270
3.880	V	Retro Dance	29270
3.880	V	Rock & Roll Oldies	29270
3.880	V	Salsa	29270
3.880	V	Show Tunes	29270
3.880	V	Smooth Jazz	29270
3.880	V	Soft Hits	29270
3.880	V	Swing	29270
3.880	V	Symphonic	29270
3.880	V	Tejano	29270
3.880	V	Traditional Country	29270
3.880	V	Urban Adult Contempo	29270
3.880	V	Urban Beat	29270
3.920	V	OS Download	26470
3.920	V	Soap East	26470
3.920	V	Soap West	26470
3.920	V	Toon East	26470
3.920	V	Toon West	26470
3.920	V	ABC Fam Backhaul	26470
3.940	V	Playboy TV	19510
3.940	V	TVND Theatre 16	19510
3.940	V	TVND Theatre 17	19510
3.940	V	TVND Theatre 18	19510
3.940	V	TVND Theatre 19	19510
3.940	V	TVND Theatre 20	19510
3.940	V	TVND Theatre 21	19510
3.940	V	TVND Theatre 22	19510
3.940	V	TVND Theatre 23	19510
3.940	V	TVND Theatre 24	19510
3.940	V	70's Super Hits	19510
3.940	V	American Originals	19510
3.940	V	Atmospheres	19510
3.940	V	Big Band	19510
3.940	V	Boleros	19510
3.940	V	Brazilian Pop	19510
3.940	V	Classic Country	19510
3.940	V	Classic R&B	19510
3.940	V	Contemporary Christi	19510
3.940	V	Dance	19510
3.940	V	Folklorica	19510
3.940	V	International Love S	19510
3.940	V	Jazz	19510
3.940	V	Lite Classical	19510
3.940	V	Metal	19510
3.940	V	Showcase 2	19510
3.940	V	Soft Rock	19510
3.940	V	Tejano	19510
3.940	V	Tropical	19510
3.940	V	Worldbeat	19510
3.960	V	TVN 33	19510
3.960	V	TVN Action	19510
3.960	V	TVN Events Electric	19510
3.960	V	TVN HotBody	19510
3.960	V	TVN Passion Soft	19510
3.960	V	TVN TeleNuestros	19510
3.960	V	GRTV 2	19510
3.960	V	GRTV 3	19510
3.960	V	GRTV 4	19510
3.960	V	70's Oldies	19510
3.960	V	80's Hits	19510
3.960	V	90's Hits	19510
3.960	V	Acid Jazz	19510
3.960	V	Adult Alternative	19510
3.960	V	Adult Contemporary	19510
3.960	V	Album Rock	19510
3.960	V	Alternative Rock	19510
3.960	V	Beautiful Instrument	19510
3.960	V	Blues	19510
3.960	V	Cable Radio 1	19510
3.960	V	Cable Radio 2 Sport	19510
3.960	V	Cable Radio 3 Talk R	19510
3.960	V	Cable Radio 4 Lifest	19510
3.960	V	Cable Radio 5 Law&Or	19510
3.960	V	Cable Radio 6 Issues	19510
3.960	V	Children's	19510
3.960	V	Classic R&B	19510
3.960	V	Classic Rock	19510
3.960	V	Contemporary Christi	19510
3.960	V	Dance	19510
3.960	V	Flashback New Wave	19510
3.960	V	Folk Rock	19510
3.960	V	Golden Oldies	19510
3.960	V	Gospel	19510
3.960	V	Great Standards	19510
3.960	V	Hard Rock	19510
3.960	V	Holiday Happenings	19510
3.960	V	Hot Country	19510
3.960	V	Hottest Hits	19510
3.960	V	Jazz	19510
3.960	V	Latin Contemporary	19510
3.960	V	Listening Room	19510
3.960	V	Lite Classical	19510
3.960	V	Modern Country	19510
3.960	V	New Age	19510
3.960	V	Rap	19510
3.960	V	Reggae	19510
3.960	V	Retro Dance	19510
3.960	V	Rock 'n' Blues	19510
3.960	V	Rock 'n' Roll Oldies	19510
3.960	V	Salsa	19510
3.960	V	Show Tunes	19510
3.960	V	Smooth Jazz	19510
3.960	V	Soft Hits	19510
3.960	V	Swing	19510
3.960	V	Symphonic	19510
3.960	V	Traditional Country	19510
3.960	V	Urban Adult Contempo	19510
3.960	V	Urban Beat	19510
3.960	V	Vocal Blends	19510
3.970	V	Symphonic	11162
3.975	H	Showtime Family West	19510
3.975	H	Showtime HDTV West	19510
3.975	H	Showtime Next West	19510
3.975	H	Showtime Woman West	19510
4.100	H	ESPN Classic	29270
4.100	H	ESPN Desportes	29270
4.100	H	ESPNews	29270
4.100	H	Lifetime Movie Netwo	29270
4.100	H	Lifetime Real Women	29270
4.100	H	SoapNet	29270
4.100	H	Toon Disney	29270
4.100	H	C-SPAN 3	29270
4.120	V	ESPN PPV1	29270
4.120	V	ESPN PPV2	29270
4.120	V	ESPN PPV3	29270
4.120	V	ESPN PPV4	29270
4.120	V	ESPN PPV5	29270
4.120	V	ESPN PPV6	29270
4.140	H	ESPN 2 HD	29270
4.140	H	ESPN HD	29270
4.140	H	ESPN HD Alternate	29270
4.160	V	A&E East	29270
4.160	V	A&E West	29270
4.160	V	Military History Cha	29270
4.160	V	The History Channel	29270
4.160	V	The History Channel	29270
4.160	V	The History Channel	29270
4.180	H	The Outdoor Channel	29270
4.180	H	JLTV	29270
4.180	H	The Outdoor CH Eas	29270
4.180	H	The Outdoor CH Eas	29270
4.180	H	The Outdoor CH Wes	29270
4.180	H	The Outdoor CH Wes	29270

ECHOSTAR 9
239.0 East (121.0 West)
ECH009KB

Freq (GHz)	Pol	Channel Name	Symbol rate
12.016	V	SuperDISH Info Car	20000
12.016	V	DishNetwork Package	20000

GALAXY 23
239.1 East (120.9 West)
INTA13CB

Freq (GHz)	Pol	Channel Name	Symbol rate
3.707	H	CLEVELAND	5632
3.714	H	Cox Sports TV	4340
3.719	H	TVW 1	3000
3.724	H	The Sportsmans Chann	3000
3.727	V	MASN	6065
3.732	V	In Demand	13235
3.751	H	ETV Bangla	8385
3.751	H	ETV Gujarati	8385
3.751	H	ETV Telugu	8385
3.765	H	In Demand	19510
3.778	H	ImaginAsian TV	1860
3.780	V	In Demand	22500
3.800	H	Hot Net Plus	19510
3.800	H	Playboy TV Classic	19510
3.800	H	Playboy TV en Espano	19510
3.800	H	Spice Hot	19510
3.800	H	Spice Live	19510
3.800	H	Spice Platinum	19510
3.815	V	TBN Enlace USA	19510
3.815	V	TV Superstore	19510
3.832	V	OlympuSat Package	19510
3.900	V	24HTVE	27684
3.900	V	DOCUTVE	27684
3.900	V	TVEA1	27684
3.900	V	TVEA2	27684
3.900	V	AJE	27684
3.900	V	EURONEWS	27684
3.900	V	IMF	27684
3.900	V	RCLA	27684
3.900	V	REE	27684
3.900	V	RNE1	27684
3.900	V	RNE3	27684
3.900	V	RNE5	27684
3.940	V	APTN Test Card	29270
3.940	V	Video Rola	29270
3.940	V	Cine Latino	29270
3.940	V	HTV	29270
3.940	V	Infinito	29270
3.940	V	Telefe Internacional	29270
3.940	V	Utilisima Satelital	29270
3.940	V	ZEE TV USA	29270
3.970	H	The Sportsmans Chann	14027
3.980	V	AE Biography MPEG	27690
3.980	V	CNBC2 MPEG Audio	27690
3.980	V	DIY MPEG Audio	27690
3.980	V	History Channel In	27690
3.980	V	IFC MPEG Audio	27690
3.980	V	Lifetime MPEG Audi	27690
3.980	V	ZDTV MPEG Audio	27690
3.980	V	Much Music MPEG Au	27690
4.000	H	Playboy Director's C	19510
4.000	H	Si TV	19510
4.000	H	Spice	19510
4.000	H	Spice 2	19510
4.000	H	The Hot Network	19510
4.000	H	The Hot Zone	19510
4.000	H	The Tennis Channel	19510
4.000	H	CRN 1	19510
4.000	H	CRN 2 - Sports Talk	19510
4.000	H	CRN 4 - Lifestyles	19510
4.000	H	CRN 5 - Law & Order	19510
4.000	H	CRN 6 - Issues	19510
4.000	H	TRN - Talk Radio N	19510
4.060	V	AMERICA ONE	20000
4.060	V	FIRESTONE COMMUNI	20000
4.060	V	SORPRESSA	20000
4.060	V	STC	20000
4.100	V	Gospel Music	29270
4.100	V	JCTV	29270
4.100	V	TBN US	29270
4.100	V	The Church Channel	29270
4.120	H	Jewelry TV	
4.140	V	Azteca America Este	25325
4.140	V	Azteca America Oeste	25325
4.140	V	Azteca Siete	25325
4.140	V	Azteca Trece	25325
4.160	H	A Taste of Spice	19510
4.160	H	Spice Live	19510
4.160	H	Spice Ultimate	19510
4.172	V	Pleasure	14600
4.172	V	TEN	14600
4.172	V	TENBlox	14600
4.172	V	TENBlue	14600
4.172	V	TENClips	14600
4.172	V	TENXtsy	14600
4.186	V	HITN	5184
4.186	V	HITN CH2	5184

ECHOSTAR 7, AMC16
241.0 East (119.0 West)
AMC016KB

Freq (GHz)	Pol	Channel Name	Symbol rate
11.720	R	Dish Network multipl	26000

ECH007KB

Freq (GHz)	Pol	Channel Name	Symbol rate
12.224	R	KATU-TV	20000
12.224	R	KCPT-TV	20000
12.224	R	KCTV-TV	20000
12.224	R	KCWE-TV	20000
12.224	R	KGW-TV	20000
12.224	R	KJRH-TV	20000
12.224	R	KMBC-TV	20000
12.224	R	KMCI-TV	20000
12.224	R	KOIN-TV	20000
12.224	R	KOKI-TV	20000
12.224	R	KOPB-TV	20000
12.224	R	KOTV-TV	20000
12.224	R	KPDX-TV	20000
12.224	R	KPTV-TV	20000
12.224	R	KSHB-TV	20000
12.224	R	KSMO-TV	20000
12.224	R	KTUL-TV	20000
12.224	R	KWBP-TV	20000
12.224	R	WBZ-TV	20000
12.224	R	WCAX-TV	20000
12.224	R	WCVB-TV	20000
12.224	R	WDAF-TV	20000
12.224	R	WETK-TV	20000
12.224	R	WFFF-TV	20000
12.224	R	WFXT-TV	20000
12.224	R	WGBH-TV	20000
12.224	R	WHDH-TV	20000
12.224	R	WLVI-TV	20000
12.224	R	WPEC-TV	20000
12.224	R	WPTZ-TV	20000
12.224	R	WVNY-TV	20000
12.239	L	BET	20000
12.239	L	Bravo US	20000
12.239	L	CNN Financial Networ	20000
12.239	L	Court TV	20000
12.239	L	Empire Sports Networ	20000
12.239	L	Galavision Este	20000
12.239	L	HBO East	20000
12.239	L	PPV Sports	20000
12.239	L	Tech TV	20000
12.239	L	The Hot Zone	20000
12.253	R	KAUT-TV	20000
12.253	R	KCAL-TV	20000
12.253	R	KCET-TV	20000
12.253	R	KCOP-TV	20000
12.253	R	KCPQ-TV	20000
12.253	R	KCTS-TV	20000
12.253	R	KETA-TV	20000
12.253	R	KFMB-TV	20000
12.253	R	KFOR-TV	20000
12.253	R	KGTV-TV	20000
12.253	R	KING-TV	20000
12.253	R	KIRO-TV	20000
12.253	R	KMEX-TV	20000
12.253	R	KNSD-TV	20000
12.253	R	KOCB-TV	20000
12.253	R	KOCO-TV	20000
12.253	R	KOED-TV	20000
12.253	R	KOKH-TV	20000
12.253	R	KOMO-TV	20000
12.253	R	KONG-TV	20000
12.253	R	KPBS-TV	20000
12.253	R	KSBI-TV	20000
12.253	R	KSTW-TV	20000
12.253	R	KSWB-TV	20000
12.253	R	KTFO-TV	20000
12.253	R	KTWB-TV	20000
12.253	R	KWBT-TV	20000
12.253	R	KWTV-TV	20000
12.253	R	WBFS-TV	20000
12.253	R	WBTV-TV	20000
12.253	R	WBZL-TV	20000
12.253	R	WCFE-TV	20000
12.253	R	WCSV-TV	20000
12.253	R	WFLX-TV	20000
12.253	R	WLTV-TV	20000
12.253	R	WNNE-TV	20000
12.253	R	WPBF-TV	20000
12.253	R	WPEC-TV	20000
12.253	R	WPTV-TV	20000
12.253	R	WTVX-TV	20000
12.253	R	WXEL-TV	20000
12.253	R	XETV-TV	20000
12.268	L	C-SPAN	20000
12.268	L	C-SPAN 2	20000
12.268	L	ESPN 2	20000
12.268	L	ESPNews	20000
12.268	L	Flix East	20000
12.268	L	Food Network US	20000
12.268	L	GSN - Game Show Ne	20000
12.268	L	Playboy TV	20000
12.268	L	QVC US	20000
12.268	L	TEN - The Erotic N	20000
12.268	L	70's Hits	20000
12.268	L	Adult Contemporary	20000
12.268	L	Concert Classics	20000
12.268	L	Expressions	20000
12.268	L	Light Classical	20000
12.268	L	Tropical Breezes	20000
12.268	L	Urban Adult	20000
12.282	R	KAET-TV	20000
12.282	R	KASW-TV	20000
12.282	R	KDNL-TV	20000
12.282	R	KETC-TV	20000
12.282	R	KHBW-TV	20000
12.282	R	KHOU-TV	20000
12.282	R	KMOV-TV	20000
12.282	R	KNXV-TV	20000
12.282	R	KPHO-TV	20000
12.282	R	KPLR-TV	20000
12.282	R	KPNX-TV	20000
12.282	R	KPRC-TV	20000
12.282	R	KRIV-TV	20000
12.282	R	KSAZ-TV	20000
12.282	R	KSDK-TV	20000
12.282	R	KTRK-TV	20000
12.282	R	KTVI-TV	20000
12.282	R	KTVK-TV	20000
12.282	R	KTXH-TV	20000
12.282	R	KUHT-TV	20000
12.282	R	KUTP-TV	20000
12.282	R	WAXN-TV	20000
12.282	R	WBTV-TV	20000
12.282	R	WCCB-TV	20000
12.282	R	WCNC-TV	20000
12.282	R	WGVU-TV	20000
12.282	R	WJZY-TV	20000
12.282	R	WLOS-TV	20000
12.282	R	WNSC-TV	20000
12.282	R	WOOD-TV	20000
12.282	R	WSOC-TV	20000
12.282	R	WSPA-TV	20000
12.282	R	WTVI-TV	20000
12.282	R	WWMT-TV	20000
12.282	R	WWWB-TV	20000
12.282	R	WXMI-TV	20000
12.282	R	WYFF-TV	20000
12.282	R	WZZM-TV	20000
12.297	L	Discovery Health	20000
12.297	L	ESPN Classic	20000
12.297	L	Fox News Channel	20000
12.297	L	Fox Sports Alternate	20000
12.297	L	Fox Sports Rocky Mou	20000
12.297	L	HBO 2 East	20000
12.297	L	HBO Signature East	20000
12.297	L	IFC US	20000
12.297	L	Showtime East	20000
12.297	L	Toon Disney	20000
12.297	L	Festive Italian	20000
12.311	R	KAKW-TV	20000
12.311	R	KAMU-TV	20000
12.311	R	KBHK-TV	20000
12.311	R	KBWB-TV	20000
12.311	R	KCEN-TV	20000
12.311	R	KGO-TV	20000
12.311	R	KGUN-TV	20000
12.311	R	KHRR-TV	20000
12.311	R	KICU-TV	20000
12.311	R	KMSB-TV	20000
12.311	R	KNCT-TV	20000
12.311	R	KNTV-TV	20000
12.311	R	KOLD-TV	20000
12.311	R	KPIX-TV	20000
12.311	R	KQED-TV	20000
12.311	R	KTTU-TV	20000
12.311	R	KTVU-TV	20000
12.311	R	KUAT-TV	20000
12.311	R	KVOA-TV	20000
12.311	R	KWBA-TV	20000
12.311	R	KWBU-TV	20000
12.311	R	KWKT-TV	20000
12.311	R	KWTX-TV	20000
12.311	R	KXGR-TV	20000
12.311	R	KXXV-TV	20000
12.311	R	WASV-TV	20000
12.311	R	WBSC-TV	20000
12.311	R	WFYI-TV	20000
12.311	R	WGN-TV	20000
12.311	R	WHNS-TV	20000
12.311	R	WISH-TV	20000
12.311	R	WLFL-TV	20000
12.311	R	WNCN-TV	20000
12.311	R	WNDY-TV	20000
12.311	R	WOTV-TV	20000
12.311	R	WPWR-TV	20000
12.311	R	WRAL-TV	20000
12.311	R	WRAZ-TV	20000
12.311	R	WRDC-TV	20000
12.311	R	WRTV-TV	20000
12.311	R	WTHR-TV	20000
12.311	R	WTLJ-TV	20000
12.311	R	WTTV-TV	20000
12.311	R	WTTW-TV	20000
12.311	R	WTVD-TV	20000
12.311	R	WUNC-TV	20000
12.311	R	WXIN-TV	20000
12.326	L	AMC - American Mov	20000
12.326	L	CMT US	20000
12.326	L	Discovery Channel	20000
12.326	L	ESPN	20000
12.326	L	HBO Family East	20000
12.326	L	PBS	20000
12.326	L	Sci-Fi	20000
12.326	L	Showtime West	20000
12.326	L	The Learning Channel	20000
12.326	L	TNT	20000
12.326	L	Acoustic Crossroads	20000
12.326	L	Country Classics	20000
12.326	L	Country Currents	20000
12.326	L	Environmental East	20000
12.326	L	Foreground Music	20000
12.326	L	Hot FM	20000
12.326	L	New Country	20000
12.326	L	Urban Beat	20000
12.341	R	KBFD-TV	20000
12.341	R	KBYU-TV	20000
12.341	R	KFVE-TV	20000
12.341	R	KGMB-TV	20000
12.341	R	KHET-TV	20000
12.341	R	KHNL-TV	20000
12.341	R	KHON-TV	20000
12.341	R	KIKU-TV	20000
12.341	R	KITV-TV	20000
12.341	R	KJZZ-TV	20000
12.341	R	KPNZ-TV	20000
12.341	R	KSL-TV	20000
12.341	R	KSTU-TV	20000
12.341	R	KTMW-TV	20000
12.341	R	KTVX-TV	20000
12.341	R	KUED-TV	20000
12.341	R	KULC-TV	20000
12.341	R	KUTV-TV	20000
12.341	R	KUWB-TV	20000
12.341	R	KWHE-TV	20000
12.341	R	WABM-TV	20000
12.341	R	WBIQ-TV	20000
12.341	R	WBRC-TV	20000
12.341	R	WIAT-TV	20000
12.341	R	WJSU-TV	20000
12.341	R	WTTO-TV	20000
12.341	R	WVTM-TV	20000
12.355	L	ESPN 2 Alternate	20000
12.355	L	ESPN Alternate	20000
12.355	L	Fox Sports Bay Area	20000
12.355	L	Fox Sports New York	20000
12.355	L	Fox Sports South	20000
12.355	L	Showtime Extreme Eas	20000
12.355	L	The Movie Channel Ea	20000
12.355	L	The Movie Channel Xt	20000
12.355	L	Universityhouse	20000
12.355	L	WE - Women's Enterta	20000
12.370	R	ACN - America's Co	20000
12.370	R	Business TV 1	20000
12.370	R	Business TV 2	20000
12.370	R	EWTN US	20000
12.370	R	Fox Sports Alternate	20000
12.370	R	HSN - Home Shoppin	20000
12.370	R	ShopNBC	20000
12.370	R	The Beauty and Fashi	20000
12.370	R	The Disney Channel E	20000
12.370	R	UCTV - University	20000
12.370	R	Univision Este	20000
12.370	R	Angel One	20000
12.370	R	PPV Guide	20000
12.370	R	Remote Control Help	20000
12.384	L	DISH-on-Demand PPV	20000
12.384	L	Fox Sports Detroit	20000
12.384	L	Fox Sports New Engla	20000
12.384	L	Fox Sports Pittsburg	20000
12.384	L	FX	20000
12.384	L	Noggin	20000
12.384	L	Sunshine Network	20000
12.384	L	TBN - Trinity Broa	20000
12.384	L	The Weather Channel	20000
12.384	L	Destinations Audio	20000
12.384	L	Latino Pop	20000
12.384	L	Muzak	20000
12.384	L	Muzak 2	20000
12.384	L	Viva Marachi	20000
12.399	R	Animal Planet	20000
12.399	R	CNBC US	20000
12.399	R	Comedy Central East	20000
12.399	R	Fox Sports Northwest	20000
12.399	R	HBO 2 West	20000
12.399	R	Lifetime	20000
12.399	R	MSNBC	20000
12.399	R	TBS Superstation (	20000
12.399	R	TV Land	20000
12.399	R	VH 1 US	20000
12.399	R	WGN Superstation	20000
12.399	R	Contemporary Christi	20000
12.399	R	Contemporary Instrum	20000
12.399	R	Contemporary Jazz Fl	20000
12.399	R	Easy Instrumentals	20000
12.399	R	Jazz Traditions	20000
12.414	L	Black Starz! East	20000
12.414	L	Encore East	20000
12.414	L	Extasy	20000
12.414	L	Lifetime Movie Netwo	20000
12.414	L	Pax TV	20000
12.414	L	Starz! Cinema East	20000
12.414	L	Starz! East	20000
12.414	L	Starz! Family East	20000
12.414	L	Starz! Theater East	20000
12.414	L	Westerns East	20000
12.428	R	KABC-TV	20000
12.428	R	KCBS-TV	20000
12.428	R	KNBC-TV	20000
12.428	R	KTLA-TV	20000
12.428	R	KTTV-TV	20000
12.428	R	KWGN-TV	20000
12.428	R	WPIX-TV	20000
12.428	R	WSBK-TV	20000
12.428	R	WWOR-TV	20000
12.428	R	WXTV-TV	20000
12.428	R	70's Songbook	20000
12.428	R	Big Band Era	20000
12.428	R	Classic Rock	20000
12.428	R	Eurostyle	20000
12.428	R	JukeBox Gold	20000
12.428	R	Nonstop Hip Hop	20000
12.443	L	ABC Family	20000
12.443	L	Cartoon Network	20000
12.443	L	CNN Headline News	20000
12.443	L	E! Entertainment TV	20000
12.443	L	HGTV US	20000
12.443	L	MTV East	20000
12.443	L	Nickelodeon West	20000
12.443	L	TCM - Turner Class	20000
12.443	L	The New TNN	20000
12.443	L	Travel Channel	20000
12.443	L	USA Network East	20000
12.443	L	Adult Alternative	20000
12.443	L	Hawaiian Music	20000
12.443	L	Hot Hits	20000
12.443	L	Kids tunes	20000
12.443	L	LDS Radio Network	20000
12.443	L	Modern Rock Alternat	20000
12.443	L	Power Rock	20000
12.457	R	Cinemax East	20000
12.457	R	DISH-on-Demand PPV	20000
12.457	R	Fox Sports Chicago	20000
12.457	R	Fox Sports Southwest	20000
12.457	R	MoreMax East	20000
12.457	R	MSG Network	20000
12.457	R	Speed Channel	20000
12.457	R	Sundance Channel Eas	20000
12.457	R	TV Games Network	20000
12.472	L	Comcast SportsNet Mi	20000
12.472	L	DISH-on-Demand PPV	20000
12.472	L	Fox Sports Cincinnat	20000
12.472	L	Fox Sports Midwest	20000
12.472	L	MuchMusic USA	20000
12.472	L	NASA TV	20000
12.472	L	Nickelodeon East	20000
12.472	L	RAI International 1/	20000
12.472	L	WorldLink TV	20000
12.472	L	Info Card	20000
12.472	L	Broadway & Hollywood	20000
12.486	R	A&E - Arts & Enterta	20000
12.486	R	CNN USA	20000
12.486	R	HBO West	20000
12.486	R	Showtime Too East	20000
12.486	R	The Disney Channel W	20000
12.486	R	The History Channel	20000
12.486	R	Adult Favorites	20000
12.486	R	Blues	20000
12.486	R	Fiesta Mexicana	20000
12.486	R	Latin Style	20000
12.486	R	New Age	20000
12.486	R	Reggae	20000
12.501	L	Cinemax West	20000
12.501	L	Fox Sports West	20000
12.501	L	The Outdoor Channel	20000
12.501	L	WABC-TV	20000
12.501	L	WCBS-TV	20000
12.501	L	WNBC-TV	20000
12.501	L	WNET-TV	20000
12.501	L	WNYW-TV	20000
12.501	L	NESN - New England	20000
12.501	L	50's & 60's Hits	20000
12.501	L	80's Hits	20000
12.501	L	All that Jazz	20000
12.501	L	Beach Party	20000
12.501	L	Classical Ambience	20000
12.501	L	Hit Line	20000
12.501	L	Love Songs	20000
12.501	L	Metro	20000
12.501	L	Miami Mix	20000
12.501	L	Moodscapes	20000
12.501	L	New Orleans Jazz	20000
12.501	L	Piano & Guitar	20000
12.501	L	R&B Revue	20000
12.501	L	Tejano	20000
12.516	R	BBC America	20000
12.516	R	DISH-on-Demand PPV	20000
12.516	R	Fox Sports Alternate	20000
12.516	R	Fox Sports Arizona	20000
12.516	R	Fox Sports Florida	20000
12.516	R	Fox Sports North	20000
12.516	R	Fox Sports Ohio	20000
12.516	R	MTV 2 US	20000
12.516	R	RFD TV - Rural Far	20000
12.516	R	Country Music	20000
12.516	R	Reflections	20000

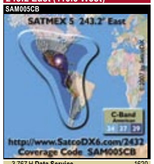
DIRECTV 7S
241.2 East (118.8 West)
DTV006KB

Freq (GHz)	Pol	Channel Name	Symbol rate
12.530	L	Direct TV USA	20000

SATMEX 5
243.2 East (116.8 West)
SAM005K1

Freq (GHz)	Pol	Channel Name	Symbol rate
11.722	H	Feed	30000
11.740	V	DirecWay	30000
11.930	H	Feed	8140
11.960	H	Data Service	2000
11.980	V	DirecWay	30000
12.024	H	ESNE	3000
12.024	H	Radio Catolica El Se	3000
12.028	H	Almavision	3255
12.033	H	Test Card	2532
12.049	V	Feed	1977
12.050	H	Data Service	3105
12.060	V	TV Azteca feeds	5926
12.075	V	Test Card	3025
12.080	H	CCTV 4	25635
12.080	H	CTI TV	25635
12.080	H	TV Polonia	25635
12.080	H	Azio TV	25635
12.080	H	Da Ai TV	25635
12.080	H	ERA News	25635
12.080	H	Hwazan Satellite TV	25635
12.080	H	MAC TV Info Card	25635
12.080	H	Senal Columbia	25635
12.080	H	Tele Amiga Internaci	25635
12.080	H	TeleCaribe	25635
12.080	H	Polskie Radio 1	25635
12.080	H	Polskie Radio 2	25635
12.097	V	Data Service	5000
12.110	H	Feed	2000
12.150	H	Data Service	3150
12.164	H	BYU TV	3935
12.164	V	Data Service	3015
12.182	V	MTY 1	9666
12.182	V	MTY 2	9666
12.182	V	MTY 3	9666
12.182	V	UVE 1	9666
12.182	V	UVE 2	9666
12.196	V	CEM 1	3333
12.196	V	CEM 2	3333

SATMEX 5
243.2 East (116.8 West)
SAM005CB



Freq (GHz)	Pol	Channel Name	Symbol rate
3.767	H	Data Service	1620
3.770	V	Universal Circus 1	7234
3.770	V	Universal Circus 2	7234
3.770	V	Universal Circus 3	7234
3.800	V	Animal Planet	29270
3.800	V	CNI Canal 40	29270
3.800	V	Discovery Health	29270
3.800	V	Discovery Kids	29270
3.800	V	ESPN	29270
3.800	V	Hallmark	29270
3.800	V	IPN Canal 11	29270
3.800	V	MTV	29270
3.800	V	People & Arts	29270
3.800	V	Travel & Adventure	29270
3.840	V	Casa Club	29270
3.840	V	Cinema Platino	29270
3.840	V	Film & Arts	29270
3.840	V	InteliTV	29270
3.840	V	MGM	29270
3.840	V	National Geographic	29270
3.840	V	Nickelodeon	29270
3.840	V	Ponchivision	29270
3.840	V	Telemundo	29270
3.840	V	Venevision Continent	29270
3.855	H	CB TV	2600
3.889	H	Data Service	3333
3.905	V	Sports Book	2975
3.913	V	Sotel Canal 11	2947
3.918	V	CNI Canal 40 - XHT	3329
3.935	V	Hipodromo de Preside	4440
3.935	V	Test Card	4440
3.960	V	Azteca 13 Mexico C	25325
3.960	V	Azteca 7 Mexico Ci	25325
3.960	V	Azteca America Este	25325
3.960	V	Azteca America Oeste	25325
3.980	H	Monte Maria TV	1850
3.985	V	Tele Ritmo	3183
3.989	V	Multimedios	2967
3.997	V	XEIMT Canal 22	3255
4.001	V	RGT TV Digital	2670
4.006	V	Ecuavisa	3516
4.011	V	Latinoamerica TV	3131
4.014	V	TeVe de Mente	2530
4.034	V	Data Service	2893
4.038	V	Video Rola	3364
4.044	V	Ocho TV	2893
4.052	V	TV Mexiquense XHTP	4307
4.060	H	Canal 22 Mexico Ci	19510
4.060	H	Canal de Congreso (V	19510
4.060	H	Gobierno de la Repub	19510
4.060	H	Test Card (VC811)	19510
4.060	H	XEIPN - Once TV (V	19510
4.084	H	Guate Vision	3162
4.096	V	Data Service	2893
4.103	H	CNC Columbia	2593
4.107	H	Teleformula	2012
4.133	H	Canal 9	3617
4.160	V	CMC	29270
4.160	V	ESPN 2	29270
4.160	V	Fox Sports	29270
4.160	V	HSE	29270
4.160	V	Momentum	29270
4.160	V	Movie World	29270
4.160	V	PHTV	29270
4.160	V	TVC	29270
4.160	V	Vacante	29270
4.164	H	Edusat feeds	1733
4.180	H	Cl@se - Canal 22	19510
4.180	H	Discovery Kids - Can	19510
4.180	H	Canal 13 (VC792)	19510
4.180	H	Canal 14 (VC793)	19510
4.180	H	Canal 15 (VC794)	19510
4.180	H	Canal 17	19510
4.180	H	Canal 18	19510
4.180	H	SEA y EMSAD - Can	19510
4.180	H	Telesecundaria - Can	19510
4.180	H	The History Channe	19510

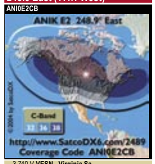
SOLIDARIDAD 2
245.1 East (114.9 West)
SOL002CS

Freq (GHz)	Pol	Channel Name	Symbol rate
3.720	V	The History Channel	27000
3.720	V	Canal de las Artes	27000
3.720	V	Cl@se	27000
3.720	V	Discovery Kids Ameri	27000
3.720	V	Educacion Basica	27000
3.720	V	Educacion Superior	27000
3.720	V	Espacio Edusat	27000
3.720	V	Formacion docente y	27000
3.720	V	Iberoamerica TV	27000
3.720	V	Modelos cirriculares	27000
3.720	V	Radio Edusat	27000
3.720	V	Servicio Publico	27000
3.720	V	Telesecundaria	27000
3.720	V	test card	27000
3.720	V	TV Unam	27000

SATMEX 6
247.0 East (113.0 West)
SAM006C1

Freq (GHz)	Pol	Channel Name	Symbol rate
3.733	H	TV Tabesquena	2875
● 3.744	V	UTEG	2893
3.745	H	Telemax	2976
3.752	V	TELEMAR	2893
3.759	V	MVS TV Test Card	2315
3.762	H	TV Sat	2315
3.763	H	TV Tabesquena	2933
3.772	V	Unknown	3254
3.784	V	Feed	1735
3.784	H	Tele Michoacan	8789
3.784	H	Radio Michoacan	8789
3.800	V	Canal de las Artes	27000
3.800	V	Discovery Kids Latin	27000
3.800	V	Edusat Test Card	27000
3.821	H	TV Tabesquena	3255
3.838	V	TV MAS Veracruz	3720
3.847	V	Service 1	3219
3.852	H	GPO IMAGEN	3255
3.856	H	TV Tabesquena	2670
3.858	H	SIS-JAL-RADIO-TV	2803
3.861	H	Azteca Noreste	3200
3.863	H	TV-NUEVO LEON	3200
3.865	H	Unknown	2963
● 3.870	H	TV Mexiquense	3580
3.872	H	Radio Mexiquense	3617
3.888	H	Central TV	3100
3.904	H	Canal 9	3617
3.928	V	Canal 7	3720
3.934	V	Radio Sonora	3300
3.934	V	Telemax	3300
3.943	V	Unknown	3701
3.951	H	Radio 1 de Marzo	3700
3.951	H	SNT	3700
3.964	V	Unknown	5000
4.058	H	XHST Canal 13	2875
4.075	V	MVS TV Test Card	3782
4.085	V	TMM TV	2821
4.095	V	MVS TV Test Card	3720
4.115	H	XHRCG Canal 7	2933
4.140	H	Cemesatel	
4.163	H	Hidalgo TV	3300
4.163	H	Hidalgo Radio	3300
4.174	H	TV Nuevo Leon	3200

ANIK F2
248.9 East (111.1 West)
ANI0E2CB



Freq (GHz)	Pol	Channel Name	Symbol rate
3.740	V	VESN - Virginia Sa	
3.866	H	Unknown	5000
3.980	V	VESN - Virginia Sa	

ANI0E2KB

Freq (GHz)	Pol	Channel Name	Symbol rate
19.776	L	WildBlue Satellite I	15000

ECHOSTAR 8, 10
250.0 East (110.0 West)

Freq (GHz)	Pol	Channel Name	Symbol rate
●12.224	R	AZTCA	20000
●12.224	R	EDRAM	20000
●12.224	R	ELOVE	20000
●12.224	R	EMYST	20000
●12.224	R	EWAM	20000
●12.224	R	FTRAE	20000
●12.224	R	FTRAW	20000
●12.224	R	HISTI	20000
●12.224	R	NBATV	20000
●12.224	R	PCLAS	20000
●12.224	R	PELIC	20000
●12.224	R	UNVSW	20000
●12.224	R	VS.	20000
●12.239	L	BITV	20000
●12.239	L	BITVV	20000
●12.239	L	KTBS	20000
●12.239	L	LMN	20000
●12.239	L	NOTAX	20000
●12.239	L	PPV	20000
●12.239	L	PREVW	20000
●12.239	L	RTLR	20000
●12.239	L	SPORT	20000
●12.239	L	VOD	20000
●12.239	L	BLMBG	20000
●12.239	L	DGAMS	20000
●12.239	L	DGMSV	20000
●12.239	L	DISAV	20000
●12.239	L	DSNY	20000
●12.239	L	GLASS	20000
●12.239	L	THCAP	20000
●12.239	L	TVENT	20000
●12.239	L	WBSTR	20000
●12.253	R	BABY	20000
●12.253	R	BYUTV	20000
●12.253	R	CLIPS	20000
●12.253	R	COLRS	20000
●12.253	R	CURNT	20000
●12.253	R	DOC	20000
●12.253	R	HITN	20000
●12.253	R	HMC	20000
●12.253	R	JTV	20000
●12.253	R	OVATN	20000
●12.253	R	RSRCH	20000
●12.253	R	SLTV	20000
●12.253	R	TCLIP	20000
●12.253	R	TEEZ	20000
●12.253	R	UWTV	20000
●12.253	R	VERIA	20000
●12.268	L	WCNY	20000
●12.268	L	WCWN	20000
●12.268	L	WMHT	20000
●12.268	L	WNYS	20000
●12.268	L	WNYT	20000
●12.268	L	WRGB	20000
●12.268	L	WSTM	20000
●12.268	L	WSTQ	20000
●12.268	L	WSYR	20000
●12.268	L	WSYT	20000
●12.268	L	WTEN	20000
●12.268	L	WTVH	20000
●12.268	L	WXXA	20000
●12.282	R	CBS C	20000
●12.282	R	CNBCW	20000
●12.282	R	DIY	20000
●12.282	R	DOMIN	20000
●12.282	R	ESPND	20000
●12.282	R	FLVNG	20000
●12.282	R	G4	20000
●12.282	R	HISTE	20000
●12.282	R	REAL	20000
●12.282	R	TENIS	20000
●12.282	R	TMNDO	20000
●12.282	R	WSIU	20000
●12.282	R	ELECT	20000
●12.297	L	$1.99	20000
●12.297	L	CNAL1	20000
●12.297	L	DRMT6	20000
●12.297	L	PPV	20000
●12.297	L	SETA	20000
●12.297	L	SPORT	20000
●12.297	L	TVCOL	20000
●12.297	L	VOD	20000
●12.297	L	ORDER	20000
●12.297	L	I-PPV	20000
●12.297	L	IAD1	20000
●12.297	L	IAD6	20000
●12.297	L	PLYJ	20000
●12.297	L	ZP2IT	20000
●12.341	R	CINEL	20000
●12.341	R	DISCE	20000
●12.341	R	GOLF	20000
●12.341	R	GOLTV	20000
●12.341	R	ID	20000
●12.341	R	MUN2	20000
●12.341	R	PLBYE	20000
●12.341	R	SUR	20000
●12.341	R	TLHIT	20000
●12.341	R	TR3S	20000
●12.341	R	TVEI	20000
●12.341	R	LUDI2	20000
●12.355	L	ALIVE	20000
●12.355	L	BTV	20000
●12.355	L	C&T	20000
●12.355	L	FSTV	20000
●12.355	L	GEMS	20000
●12.355	L	GEMTV	20000
●12.355	L	IAD2	20000
●12.355	L	IAD3	20000
●12.355	L	IAD4	20000
●12.355	L	IAD5	20000
●12.355	L	IAD9	20000
●12.355	L	LF1	20000
●12.355	L	LINK	20000
●12.355	L	LSHOP	20000
●12.355	L	SOON	20000
●12.355	L	SOON3	20000
●12.355	L	SRN	20000
●12.355	L	TJC	20000
●12.355	L	ASHOW	20000
●12.355	L	D500	20000
●12.355	L	DISH6	20000
●12.355	L	DVRDN	20000
●12.355	L	DVRVR	20000
●12.355	L	MUSIC	20000
●12.355	L	ATOOL	20000
●12.355	L	DISCO	20000
●12.355	L	TRVA	20000
●12.355	L	TRVAV	20000
●12.370	R	5-MAX	20000
●12.370	R	ACMAX	20000
●12.370	R	FOXMO	20000
●12.370	R	FSC	20000
●12.370	R	GAC	20000
●12.370	R	HBOCY	20000
●12.370	R	HLMRK	20000
●12.370	R	NTGEO	20000
●12.370	R	SBYND	20000
●12.370	R	SOAP	20000
●12.370	R	STYLE	20000
●12.370	R	STZC	20000
●12.370	R	TMDOW	20000
●12.384	L	KYW	20000
●12.384	L	WCAU	20000
●12.384	L	WFMZ	20000
●12.384	L	WHYY	20000
●12.384	L	WNJS	20000
●12.384	L	WPHL	20000
●12.384	L	WPSG	20000
●12.384	L	WPVI	20000
●12.384	L	WTVE	20000
●12.384	L	WTXF	20000
●12.384	L	WUVP	20000
●12.384	L	WWSI	20000
●12.384	L	WYBE	20000
●12.414	L	PPV	20000
●12.414	L	SPORT	20000
●12.414	L	PAPA	20000
●12.414	L	STVOD	20000
●12.414	L	VODAP	20000
●12.428	R	BOOM	20000
●12.428	R	CNNES	20000

TV Digital | **Radio** Digital | **TV** Digital Crypt | **Radio** Digital Crypt | **TV** High Definition | **TV** High Definition Crypt | **Data** Channel | **TV** Analog | **Radio** Analog

Freq GHz	Pol	Channel Name	Symbol rate
● 12.428	R	DKIDS	20000
● 12.428	R	ENCRW	20000
● 12.428	R	EWSTN	20000
● 12.428	R	FSESP	20000
● 12.428	R	HTV	20000
● 12.428	R	NICKG	20000
● 12.428	R	NICKT	20000
● 12.428	R	SCIEN	20000
● 12.428	R	STRZW	20000
● 12.428	R	IAD7	20000
● 12.428	R	IAD8	20000
● 12.443	L	ALT	20000
● 12.443	L	ALT10	20000
● 12.443	L	CSNWS	20000
● 12.443	L	DRMT5	20000
● 12.443	L	DRMT9	20000
● 12.443	L	ESPNA	20000
● 12.443	L	NBA	20000
● 12.443	L	NHL	20000
● 12.443	L	PPV	20000
● 12.443	L	PRIME	20000
● 12.443	L	SKDL	20000
● 12.443	L	SPORT	20000
● 12.443	L	SPSOU	20000
● 12.443	L	VOD	20000
● 12.443	L	AAA	20000
● 12.443	L	FVOD	20000
● 12.443	L	HORO	20000
● 12.472	L	WCFE	20000
● 12.472	L	WETK	20000
● 12.472	L	WGAL	20000
● 12.472	L	WGBH	20000
● 12.472	L	WGCB	20000
● 12.472	L	WHP	20000
● 12.472	L	WHTM	20000
● 12.472	L	WITF	20000
● 12.472	L	WLYH	20000
● 12.472	L	WNYA	20000
● 12.472	L	WPMT	20000
● 12.472	L	WWDP	20000
● 12.486	R	ANGL2	20000
● 12.486	R	BIG10	20000
● 12.486	R	CHILR	20000
● 12.486	R	DHOME	20000
● 12.486	R	EACTN	20000
● 12.486	R	HIDEF	20000
● 12.486	R	KTV	20000
● 12.486	R	RFDTV	20000
● 12.486	R	SLTH	20000
● 12.486	R	TFMLA	20000
● 12.486	R	XCESS	20000
● 12.486	R	ONPPV	20000
● 12.486	R	ORDER	20000
● 12.501	L	WFSB	20000
● 12.501	L	WFTY	20000
● 12.501	L	WLIW	20000
● 12.501	L	WLNY	20000
● 12.501	L	WMBC	20000
● 12.501	L	WNJB	20000
● 12.501	L	WNJU	20000
● 12.501	L	WNYE	20000
● 12.501	L	WNYN	20000
● 12.501	L	WRNN	20000
● 12.501	L	WTIC	20000
● 12.501	L	WTNH	20000
● 12.501	L	WVIT	20000
● 12.516	R	BIO	20000
● 12.516	R	DRMT1	20000
● 12.516	R	FRESH	20000
● 12.516	R	HBOLT	20000
● 12.516	R	MLTRY	20000
● 12.516	R	SHOCS	20000
● 12.516	R	TMC-W	20000
● 12.516	R	TMCXW	20000
● 12.516	R	VH1CL	20000
● 12.516	R	DNL	20000
● 12.516	R	DNL1	20000
● 12.516	R	DNL3	20000
● 12.516	R	DNL6	20000
● 12.516	R	DNL7	20000
● 12.516	R	DNL8	20000
● 12.516	R	SSD	20000
● 12.516	R	WB200	20000
● 12.530	L	CCTV9	20000
● 12.530	L	CCTVE	20000
● 12.530	L	KCNC	20000
● 12.530	L	KDVR	20000
● 12.530	L	KMGH	20000
● 12.530	L	KUSA	20000
● 12.530	L	WBBM	20000
● 12.530	L	WFLD	20000
● 12.530	L	WLS	20000
● 12.530	L	WMAQ	20000
● 12.530	L	SING	20000
● 12.530	L	SINGV	20000
● 12.530	L	SHOWT	20000
● 12.559	L	ALT	20000
● 12.559	L	ALT10	20000
● 12.559	L	ETC3	20000
● 12.559	L	MASN2	20000
● 12.559	L	NBA	20000
● 12.559	L	NHL	20000
● 12.559	L	SKDL	20000
● 12.559	L	SPORT	20000
● 12.574	R	WBRA	20000
● 12.574	R	WDBJ	20000
● 12.574	R	WDCA	20000
● 12.574	R	WDCW	20000
● 12.574	R	WDRL	20000
● 12.574	R	WFXR	20000
● 12.574	R	WJLA	20000
● 12.574	R	WRC	20000
● 12.574	R	WSET	20000
● 12.574	R	WSLS	20000
● 12.574	R	WTTG	20000
● 12.574	R	WUSA	20000
● 12.574	R	WWCW	20000
● 12.588	L	WBZ	20000
● 12.588	L	WCVB	20000
● 12.588	L	WENH	20000
● 12.588	L	WFXT	20000
● 12.588	L	WGBX	20000
● 12.588	L	WHDH	20000
● 12.588	L	WLED	20000
● 12.588	L	WLVI	20000
● 12.588	L	WMUR	20000
● 12.588	L	WNEU	20000
● 12.588	L	WUNI	20000
● 12.588	L	WUTF	20000
● 12.588	L	WZMY	20000
● 12.589	L	WBZ	20000
● 12.589	L	WCVB	20000
● 12.589	L	WENH	20000
● 12.589	L	WFXT	20000
● 12.589	L	WGBX	20000
● 12.589	L	WHDH	20000
● 12.589	L	WLED	20000
● 12.589	L	WLVI	20000
● 12.589	L	WMUR	20000
● 12.589	L	WNEU	20000
● 12.589	L	WUNI	20000
● 12.589	L	WUTF	20000
● 12.589	L	WZMY	20000
● 12.661	R	WCWG	20000
● 12.661	R	WFMY	20000
● 12.661	R	WGHP	20000
● 12.661	R	WLXI	20000
● 12.661	R	WMYV	20000
● 12.661	R	WRIC	20000
● 12.661	R	WRLH	20000
● 12.661	R	WTVR	20000
● 12.661	R	WUNC	20000
● 12.661	R	WUND	20000
● 12.661	R	WUNM	20000
● 12.661	R	WUNU	20000
● 12.661	R	WWBT	20000
● 12.661	R	WXII	20000
● 12.661	R	WXLV	20000

DIRECTV 5
250.2 East (109.8 West)

DTV005KB

Freq GHz	Pol	Channel Name	Symbol rate
12.618	L	DirecTV USA	20000

ANIK F1R
252.7 East (107.3 West)

ANI0F1KN

Freq GHz	Pol	Channel Name	Symbol rate
11.867	V	Ontario Legislature	19510
11.867	V	Star Choice Info Cha	19510
11.867	V	Viewer's Choice Prei	19510
11.898	V	Kids Stuff	19510
12.063	H	Canal Indigo Preiew	19510
12.063	H	Star Choice Package	19510
12.081	V	Viewer's Choice Prev	19510
12.081	V	Star Choice Package	19510
12.094	H	Viewer's Choice Prev	19510
12.094	H	Star Choice Package	19510

ANI0F1KS

Freq GHz	Pol	Channel Name	Symbol rate
11.952	H	Canal 6 TV	3100

C-Band: ANIK F1
252.8 East (107.2 West)

ANI0F1CN

Freq GHz	Pol	Channel Name	Symbol rate
3.760	H	CBAT-TV	28500
3.760	H	CBC Mountain	28500
3.760	H	CBC Pacific North	28500
3.760	H	CBCT-TV	28500
3.760	H	CBHT-TV	28500
3.760	H	CBIT-TV	28500
3.760	H	CBKS-TV	28500
3.760	H	CBKT-TV	28500
3.760	H	CBLT-TV	28500
3.760	H	CBMT-TV	28500
3.760	H	CBNT-TV	28500
3.760	H	CBRT-TV	28500
3.760	H	CBUT-TV	28500
3.760	H	CBWT-TV	28500
3.760	H	CBXT-TV	28500
3.780	V	ARGENT/MPEG	28346
3.780	V	LCN	28346
3.780	V	LCN/MAGNETO.	28346
3.780	V	MYSTERE /MPEG	28346
3.780	V	PRISE 2 /MPEG	28346
3.780	V	CORUS RADIO	28346
● 3.780	V	CORUS RADIO test	28346
● 3.780	V	MA MAISON/MPEG	28346
3.780	V	TELE QUEBEC NEW	28346
3.780	V	Test	28346
3.780	V	ASTRAL BOOM	28346
3.780	V	ASTRAL ENERGIE	28346
● 3.780	V	CHMP alternate	28346
● 3.780	V	CHMP primaire	28346
● 3.780	V	CINF alternate	28346
● 3.780	V	CINF primaire	28346
● 3.780	V	CKAC alternate	28346
● 3.780	V	CKAC primaire	28346
3.780	V	ENERGIE 2 /STD RA	28346
3.780	V	RADIO HUMSAFAR	28346
3.780	V	ROCK DETENTE	28346
3.780	V	ROCK VELOUR/STD R	28346
3.780	V	TNI	28346
3.896	V	Global Gateway Chann	6150
● 3.896	V	Global TV (CIII f	6150
3.896	V	Global TV (cable fee	6150
3.896	V	Global TV (Global Re	6150
3.896	V	Blackout Channel	6150
3.896	V	BSR Download Channel	6150
3.896	V	CCP Download Channel	6150
3.896	V	DCP Download Channel	6150
3.896	V	PV ADP Channel	6150
3.896	V	PV WAN Channel	6150
3.924	V	Default setup channe	3000
3.924	V	Tone Calibrate. -20	3000
3.928	V	Default setup channe	6150
3.933	V	APTN-N	9300
3.933	V	APTN-SE	9300
3.933	V	APTN-SW	9300
3.933	V	RC channel	9300
3.933	V	Tone Calibrate	9300
3.936	V	APTN - North	6150
3.936	V	APTN Winnipeg	6150
3.936	V	TX RC	6150
3.936	V	Tone Calibrate	6150
3.936	V	BSR Download Channel	6150
3.936	V	CCP Download Channel	6150
3.936	V	Channel #1	6150
3.936	V	DCP Download Channel	6150
● 3.962	H	CCP Download	6500
● 3.962	H	DCP Download	6500
● 3.962	H	FTN QPSK A1	6500
● 3.962	H	7F41_7F42	6500
● 3.962	H	7F43_7F80	6500
4.020	V	CTV Blue	
4.060	V	Meteo Media	28346
4.060	V	MUSIMAX	28346
4.060	V	MUSIMAX /CLASSIC	28346
4.060	V	MUSIQUE PLUS	28346
4.060	V	RDI	28346
4.060	V	RDI/POP	28346
4.060	V	RDS	28346
4.060	V	TV5	28346
4.060	V	ASN/TV GUIDE	28346
● 4.060	V	TEST	28346
4.060	V	CLASSIC	28346
4.060	V	RFI	28346
4.100	V	The Weather Network	28346
● 4.100	V	OCCUSE MPEG2	28346
4.100	V	TWN for Sirius	28346
● 4.100	V	Compel CA Data	28346
● 4.100	V	Compel Data	28346
● 4.100	V	NBRS-Atlantic	28346
● 4.100	V	NBRS-Mountain/Prai	28346
● 4.100	V	NBRS-Ontario	28346
● 4.100	V	NBRS-Pacific	28346
● 4.100	V	VisionNet-Astral	28346
● 4.100	V	VisionNet-HQD	28346
● 4.100	V	VisionNet-Primary	28346
● 4.100	V	VisionNet-Spare	28346
4.121	H	Default setup channe	10851

AMC 15
255.0 East (105.0 West)

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Freq GHz	Pol	Channel Name	Symbol rate
● 3.780	H	TLMD West	26680
● 3.780	H	TLMD East	26680
● 3.780	H	TLMD Occasional	26680
● 3.780	H	NBC Central	26680
● 3.780	H	NBC Ch 15	26680
● 3.780	H	NBC Ch 17	26680
● 3.780	H	NBC East	26680
● 3.780	H	NBC Mountain	26680
● 3.780	H	NBC Pacific	26680
● 11.740	H	WBDT	26000
● 11.740	H	WDTN	26000
● 11.740	H	WHIO	26000
● 11.740	H	WKAS	26000
● 11.740	H	WKEF	26000
● 11.740	H	WOUB	26000
● 11.740	H	WPTD	26000
● 11.740	H	WRGT	26000
● 11.840	V	WAHU	26000
● 11.840	V	WCAV	26000
● 11.840	V	WHTJ	26000
● 11.840	V	WVAW	26000
● 11.840	V	WVIR	26000
● 11.840	V	D105	26000
● 11.840	V	DNL	26000
● 11.840	V	DNL3	26000
● 11.840	V	DNL4	26000
● 11.840	V	DNL5	26000
● 11.840	V	DNL7	26000
● 11.840	V	DNL8	26000
● 11.840	V	SSD	26000
● 12.060	H	WBNS	26000
● 12.060	H	WCHS	26000
● 12.060	H	WCMH	26000
● 12.060	H	WOSU	26000
● 12.060	H	WOWK	26000
● 12.060	H	WPBO	26000
● 12.060	H	WPBY	26000
● 12.060	H	WQCW	26000
● 12.060	H	WSAZ	26000
● 12.060	H	WSFJ	26000
● 12.060	H	WSYX	26000
● 12.060	H	WTTE	26000
● 12.060	H	WVAH	26000
● 12.060	H	WWHO	26000
● 12.160	V	KCAU	26000
● 12.160	V	KMEG	26000
● 12.160	V	KPTH	26000
● 12.160	V	KSIN	26000
● 12.160	V	KTIV	26000
● 12.160	V	KXNE	26000
● 12.160	V	WBOY	26000
● 12.160	V	WDTV	26000
● 12.160	V	WNPB	26000
● 12.160	V	WVFX	26000

AMC 1
257.0 East (103.0 West)

AMC001CB

Freq GHz	Pol	Channel Name	Symbol rate
3.740	V	GMA Pinoy TV	29270
3.740	V	Cadena del Milagro	29270
● 3.740	V	DW-TV USA	29270
3.740	V	DW 1 Radio	29270
3.740	V	DW 2 Radio	29270
3.740	V	DW 7 Radio	29270
3.840	H	Broadcast 422	26681
3.840	H	East	26681
3.840	H	FEEDS12	26681
3.840	H	FEEDS4	26681
3.840	H	FEEDS7	26681
3.840	H	FEEDS8	26681
3.840	H	FEEDS9	26681
3.840	H	IONLife	26681
3.840	H	IONPlus	26681
3.840	H	Mountain	26681
3.840	H	Pacific	26681
3.840	H	qubo	26681
3.840	H	Worship	26681
3.910	V	KRMA-TV	13340
3.940	V	Comcast SportsNet	29270
3.940	V	KBDI-TV	29270
3.940	V	KCNC-TV	29270
3.940	V	KDVR-TV	29270
3.940	V	KMGH-TV	29270
3.940	V	KRMA-TV	29270
3.940	V	KTVD-TV	29270
3.940	V	KUSA-TV	29270
3.940	V	KWGN-TV	29270
3.940	V	Private Blue Latino	29270
3.940	V	CN8	29270
3.980	V	VDS SEC	26663
3.984	H	CTN-LARGO, FL E2	2734
4.005	H	AUX	18800
4.005	H	KEEN	18800
4.005	H	KTLN	18800
4.005	H	SKY1	18800
4.005	H	TLN	18800
4.005	H	WCFC	18800
4.067	H	Feed	3680
4.075	H	NYS LEGISLATIVE C	3000
4.140	V	WSEE-TV	
4.180	V	MLB Extra Innings	19510

AMC001KB

Freq GHz	Pol	Channel Name	Symbol rate
11.760	H	NBC Feed (Ch 14A)	26670
11.840	H	Ch 11A	26670
11.840	H	Ch 12A	26670
11.840	H	Ch 15A	26670
11.840	H	Ch 16A	26670
11.840	H	Ch 17A	26670
11.880	H	Ch 09A	26670
11.880	H	Ch 10A	26670
11.880	H	Ch 13A	26670
11.880	H	Ch 14A	26670
11.938	V	MCC	20000
11.938	V	MS20	20000
11.938	V	MS3	20000
11.938	V	MS4	20000
11.938	V	MS81	20000
11.938	V	SDL	20000
12.022	H	NBC Newschannel Fe	4231
12.028	H	NBC Newschannel F	4231
12.034	H	NBC Newschannel Fe	4231
12.044	H	NBC Newschannel Feed	4231
12.052	H	NBC Newschannel Fe	4231
12.062	V	Market Connect Netwo	4880
12.065	H	NBC Newschannel Feed	4231
12.068	H	NBC Newschannel F	4231
12.083	H	NBC Newschannel Feed	4231
12.086	H	NBC Newschannel F	4231
12.092	H	NBC Newschannel Feed	4231
12.096	V	PENTAGON DOLBY AC	20000
12.096	V	PENTAGON CHANNEL	20000
12.105	V	The Pentagon Channel	20000
12.110	H	NBC Newschannel Feed	15000
12.115	H	NBC Newschannel Fe	4231
12.126	H	NBC Newschannel Feed	4231
12.132	H	AC1.21F	4231
12.142	V	MS90	20000
12.142	V	MS92	20000
12.142	V	MS91	20000
12.142	V	MS61	20000
12.177	V	Channel Two	20000
12.177	V	Channel One	20000
12.177	V	FXTV Channel 150	20000
12.177	V	FXTV Channel 200	20000
12.177	V	Test Channel 100	20000
12.177	V	Data Channel	20000

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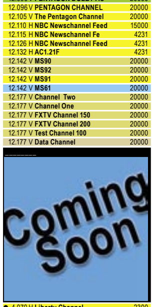
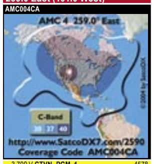


Freq GHz	Pol	Channel Name	Symbol rate
● 4.070	H	Liberty Channel	2300

AMC 4
259.0 East (101.0 West)

AMC004CA



Freq GHz	Pol	Channel Name	Symbol rate
3.709	V	CTVN_PGM_1	4578
3.709	V	CTVN_PGM_2	4578
3.716	V	Golden Eagle Broadca	4340
3.722	H	SUPERCANAL CARIBE	3617
3.773	V	Channel 1	4442
3.860	H	TLMD East	26670
3.860	H	TLMD Occasional	26670
3.860	H	TLMD West	26670
3.860	H	NBC Central	26670
3.860	H	NBC Ch 15	26670
3.860	H	NBC Ch 17	26670
3.860	H	NBC East	26670
3.860	H	NBC Mountain	26670
3.860	H	NBC Pacific	26670
3.880	V	CNBC	28347
3.880	V	Sci Fi West	28347
3.880	V	FAMILYLAND-TV	28347
3.920	V	A_E West	28347
3.920	V	BET West	28347
3.920	V	Bravo West	28347
3.920	V	Cartoon West	28347
3.920	V	Court TV West	28347
3.920	V	Food Channel West	28347
3.920	V	HGTV West	28347
3.920	V	History West	28347
3.920	V	Oxygen West	28347
3.920	V	The Discovery Channe	28347
3.920	V	The Learning Channel	28347
3.920	V	USA West	28347
3.940	H	AE	28347
3.940	H	EWTN	28347
3.940	H	Food Network	28347
3.940	H	HGTV	28347
3.940	H	History Channel	28347
3.940	H	Inspiration TV	28347
3.940	H	Lifetime	28347
3.940	H	Lifetime Movie Netwo	28347
3.940	H	Lifetime West	28347
3.940	H	Oxygen East	28347
3.940	H	TBN	28347
3.940	H	WGN	28347
3.958	V	FAMILYLAND-TV	6349
3.973	V	Service 1	4362
3.980	H	Homepage	24074
3.982	H	HD Movies	14630
3.982	H	Homepage	14630
3.982	H	Install Interface	14630
3.982	H	Just In Pg1	14630
3.982	H	Just In Pg2	14630
3.982	H	Kids Genre	14630
3.982	H	News Genre	14630
3.982	H	Sports Genre	14630
4.062	H	AMC East	28347
4.062	H	BET East	28347
4.062	H	Cartoon Network East	28347
4.062	H	Comedy Central East	28347
4.062	H	Disney East	28347
4.062	H	MTV East	28347
4.062	H	Nickelodeon East	28347
4.062	H	Sci-Fi Channel East	28347
4.062	H	The Discovery Channe	28347
4.062	H	TLC East	28347
4.062	H	USA East	28347
4.062	H	VH1 East	28347
4.080	V	Animal Planet	28347
4.080	V	C-SPAN	28347
4.080	V	C-SPAN 2	28347
4.080	V	CNN	28347
4.080	V	Discovery Health	28347
4.080	V	Golf Channel	28347
4.080	V	Great American Count	28347
4.080	V	Headline News	28347
4.080	V	HSN	28347
4.080	V	QVC	28347
4.080	V	Travel Channel	28347
4.080	V	TV One	28347
4.100	H	FAMILYLAND-TV	28347
4.175	V	FE TV - Far East T	4340
4.175	V	La Familia Network	4340
4.175	V	FE - Far East Radio	4340

AMC004KA

Freq GHz	Pol	Channel Name	Symbol rate
11.704	V	KUIL TV FOX64	2170
11.730	V	Data	5000
11.791	V	TAN TV 4	19700
11.807	H	Data	2713
11.820	H	TV English	5700
11.820	H	TV Latino	5700
11.820	H	3ABN Radio	5700
11.820	H	Radio 74	5700
11.845	V	Data	2170
11.860	H	TAN 1/KBS	28140
11.860	H	TAN 2/MBC	28140
11.860	H	TAN 3/SBS	28140
11.860	H	TAN 4/EBS	28140
11.860	H	TAN 5/YTN	28140
11.860	H	APOSTOLIC	28140
11.860	H	Bethel TV	28140
11.860	H	GCN	28140
11.860	H	Gospel Music TV	28140
11.860	H	Miracle TV	28140
11.860	H	TAN TV 6	28140
11.860	H	TAN TV 7	28140
11.860	H	{Empty}	28140
11.967	V	IP/DVB Service (0x	4000
11.967	V	RCS Map Table (0x3	4000
11.983	H	ATN Service 2	5900
11.983	H	ATN SERVICE 2	5900
11.983	H	ATN/ACN Service 1	5900
11.983	H	ATN/ACN SERVICE 1	5900
11.983	H	ESPERANZA TV	5900
11.983	H	ESPERANZA TV	5900
11.983	H	HOPE Channel	5900
11.983	H	HOPE CHANNEL	5900
11.983	H	LifeTalk Radio	5900
11.983	H	LIFETALK RADIO	5900
12.018	H	Service 1	2034
12.025	H	401 (unknown channel	5207
12.025	H	402 (unknown channel	5207
12.025	H	ATN/ACN Service 1	5207
● 12.060	H	21-MSNBC AC3	26700
● 12.060	H	22-CourtTV AC3	26700
● 12.060	H	23-Versus AC3	26700
● 12.060	H	27-CNBC AC3	26700
● 12.060	H	29-A E Biography AC3	26700
12.060	H	01-MSNBC	26700
12.060	H	02-CourtTV	26700
12.060	H	03-Versus	26700
12.060	H	04-National Geograph	26700
12.060	H	05-Fox News	26700
12.060	H	06-Weather Channel	26700
12.060	H	07-CNBC	26700
12.060	H	08-A E History	26700
12.060	H	10-A E	26700
● 12.060	H	9-A E Biography	26700
12.060	H	Enc 12 Test	26700
● 12.060	H	Enc11 Test	26700
12.120	V	CMC	30000
12.120	V	ETN	30000
12.120	V	HRT 1	30000
12.120	V	Planeta	30000
12.120	V	BVN	30000
12.120	V	CGN TV	30000
12.120	V	HRT TV	30000
12.120	V	Lawyers TV	30000
12.120	V	Suroyo	30000
12.120	V	TRWAM	30000
12.120	V	Vietnam TV	30000
12.120	V	CMC Radio	30000
12.120	V	HRT Radio	30000
12.120	V	BVN RNW 1 Radio	30000
12.120	V	BVN RNW 2 Radio	30000
12.120	V	BVN RNW 3 Radio	30000
12.120	V	BVN RNW 5 Radio	30000
12.120	V	BVN RNW 6 Radio	30000
12.120	V	BVN Rvi 1 Radio	30000
12.120	V	Radio Maryja	30000
12.120	V	STDM Radio	30000
12.120	V	TNT Radio	30000
12.120	V	VPRadio 1	30000
12.120	V	VPRadio 2	30000
12.169	H	RTP Internacional	3003

South America
AMC 4
259.1 East (100.9 West)

AMC004KB

Freq GHz	Pol	Channel Name	Symbol rate
11.654	V	CGN TV	30000
11.654	V	DoveVision	30000
11.654	V	GCN TV	30000
11.654	V	HRT TV	30000
11.654	V	SBS	30000
11.654	V	SES Americom Promo	30000
11.654	V	TAN TV	30000
11.654	V	TAN TV 2	30000
11.654	V	HRT Radio	30000

GALAXY 16
261.0 East (99.0 West)

GXY04RCB

Freq GHz	Pol	Channel Name	Symbol rate
3.742	V	Adhoc Ch 1	28340
3.742	V	Adhoc Ch 3	28340
3.742	V	Adhoc Sig 1 Ch 2	28340
3.742	V	Open	28340
3.742	V	Open Ch 4	28340
3.744	H	SNG	1953
3.776	H	{Empty}	3255
3.780	V	WB Los Angeles Fe	26000
3.786	H	FAMILYNET	5000
3.790	H	KCHF-TV	3256
3.811	H	SNG	3256
3.820	V	WB Los Angeles Fee	26000
3.825	H	SCOPUS-NET-TECH	2604
3.825	H	Telesur Campeche	2604
3.880	H	Red Canal 2	29688
3.880	H	Red Canal 5	29688
3.880	H	Red Canal 9	29688
3.917	H	TELEPUERTO.TUXTLA	3124
3.928	H	TELEVER	3124
3.952	H	{Empty}	12299
4.000	H	LESEA Network	26400
4.000	H	WHT - 1	26400
4.000	H	WHT - 2	26400
4.000	H	Angel 1&2	26400
4.000	H	Angel 1&2 - 2	26400
4.000	H	Angel 3&4	26400
4.000	H	Angel 3&4 - 2	26400
4.000	H	Angel 4&5	26400
4.000	H	Angel 4&5 - 2	26400
4.000	H	Future 1	26400
4.000	H	Future 1 - 2	26400
4.000	H	Future 2	26400
4.000	H	Future 2 - 2	26400
4.000	H	Future 3	26400
4.000	H	Future 3 - 2	26400
4.000	H	Pulse FM	26400
4.000	H	Pulse FM - 2	26400
4.000	H	Q-Tones	26400
4.020	V	The Shepard's Chapel	
4.040	H	Buena Vista	
4.140	V	Feed (ABC HD NET-2	29127
4.153	H	SERVICE 1	13235
4.180	V	Cartoon Network Lati	19510
4.180	V	Discovery Channel Me	19510
4.180	V	Fox Sports Latin Ame	19510
4.180	V	MultiCinema	19510
4.180	V	MultiPremier	19510
4.180	V	MVS Feeds	19510

GXY04RKH

Freq GHz	Pol	Channel Name	Symbol rate
11.800	H	America's Voice	19510
11.800	H	ESPN Extra PPV	19510
11.800	H	ESPN PPV 1	19510
11.800	H	ESPN PPV 2	19510
11.800	H	ESPN PPV 3	19510
11.800	H	ESPN PPV 4	19510
11.800	H	ESPN PPV 5	19510
11.800	H	ESPN PPV 6	19510
11.800	H	ESPN Now	19510
11.840	H	Bravo US	19510
11.840	H	HBO 2 West	19510
11.840	H	HBO Signature West	19510
11.840	H	HGTV US	19510
11.840	H	Love Stories West	19510
11.840	H	Mystery West	19510
11.840	H	Showtime Too West	19510
11.840	H	Starz! Theater West	19510
11.840	H	The History Channel	19510
11.840	H	The Movie Channel We	19510
11.840	H	Westerns West	19510
11.920	H	BBC America	19510
11.920	H	Discovery Health	19510
11.920	H	Discovery Kids	19510
11.920	H	ESPNews	19510
11.920	H	Fox Sports World	19510
11.920	H	Game Show Network	19510
11.920	H	IFC US	19510
11.920	H	Noggin	19510
11.920	H	Playboy TV	19510
11.920	H	The Golf Channel	19510
11.920	H	The Science Channel	19510
11.920	H	Turner Classic Movie	19510
11.960	H	Feed	26000
12.060	V	Action West	19510
12.060	V	Cinemax West	19510
12.060	V	Encore West	19510
12.060	V	HBO Family West	19510
12.060	V	HBO West	19510
12.060	V	MoreMax West	19510
12.060	V	Showtime Extreme Wes	19510
12.060	V	Showtime Showcase We	19510
12.060	V	Showtime West	19510
12.060	V	Starz! West	19510
12.060	V	The Movie Channel Xt	19510
12.060	V	True Stories West	19510
12.061	H	USPS TV	3125
12.077	H	PSTN 15	9000
12.077	H	PSTN 17	9000
12.077	H	PSTN 19	9000
12.077	H	PSTN 23	9000
12.160	H	DIY - Do It Yourse	19510
12.160	H	Fox Gold Atlantic	19510
12.160	H	Fox Gold Central	19510
12.160	H	Fox Gold Pacific	19510
12.160	H	Great American Count	19510
12.160	H	MBC Network	19510
12.160	H	NUE TV	19510
12.160	H	The Word Network	19510

GXY04RKV

Freq GHz	Pol	Channel Name	Symbol rate
11.780	V	A&E History Internat	19510
11.780	V	Lifetime Movie Netwo	19510
11.780	V	MTV 2 US	19510
11.780	V	MuchMusic USA	19510
11.780	V	Nick Gas	19510
11.780	V	Style	19510
11.780	V	The Biography Channe	19510
11.780	V	Toon Disney	19510
11.780	V	TRIO	19510
11.820	V	Discovery Civilizati	19510
11.820	V	Discovery Home & Lei	19510
11.820	V	Discovery Wings	19510
11.820	V	ESPN 2	19510
11.820	V	ESPN Alternate	19510
11.820	V	National Geographic	19510
11.820	V	Speed Channel	19510
11.820	V	VH1 Classic	19510
11.820	V	VH1 Country	19510
11.820	V	50's Golden Oldies	19510
11.820	V	70's Oldies	19510
11.820	V	80's Hits	19510
11.820	V	Acid Jazz	19510
11.820	V	Album Rock	19510
11.820	V	Children's	19510
11.820	V	Classic Hits Blend	19510
11.820	V	Coffee House Rock	19510
11.820	V	Contemporary Christi	19510
11.820	V	Contemporary Instrum	19510
11.820	V	Dance	19510
11.820	V	Great Standards	19510
11.820	V	Holidays and Happeni	19510
11.820	V	Hot Country	19510
11.820	V	Lite Jazz	19510
11.820	V	New Age	19510
11.820	V	R&B Rap Hits	19510
11.820	V	Reggae	19510
11.820	V	Retro Dance	19510
11.820	V	Soft Hits	19510
11.880	H	Bravo US	19510
11.880	H	ESPN Classic	19510
11.880	H	HBO 2 East	19510
11.880	H	HBO Signature East	19510
11.880	H	HGTV US	19510
11.880	H	Love Stories East	19510
11.880	H	Mystery East	19510
11.880	H	Showtime Too East	19510
11.880	H	Starz! Theater East	19510
11.880	H	The History Channel	19510
11.880	H	The Movie Channel Ea	19510
11.880	H	Westerns East	19510
11.880	H	60's Oldies	19510
11.880	H	Adult Contemporary	19510
11.880	H	Classic Rock	19510
11.880	H	Lite Classical	19510
11.880	H	Urban Beat	19510
11.900	V	In Demand 1	19510
11.900	V	In Demand 2	19510
11.900	V	In Demand 3	19510
11.900	V	In Demand 4	19510
11.900	V	In Demand 5	19510
11.900	V	In Demand 6	19510
11.900	V	Outdoor Life Network	19510
11.900	V	Sci Fi	19510
11.900	V	The Hot Network	19510
11.900	V	TV Land	19510
11.900	V	WE - Women's Enterta	19510
11.900	V	Alternative Rock	19510
11.900	V	Hottest Hits	19510
11.900	V	Jazz Vocal Blends	19510
11.900	V	Listening Room	19510
11.900	V	Modern Country	19510
11.940	V	BET Action PPV	19510
11.940	V	BET on Jazz	19510
11.940	V	Black Starz! East	19510
11.940	V	Newsworld Internatio	19510
11.940	V	Ovation - The Arts N	19510
11.940	V	Spice 2	19510
11.940	V	Sundance Channel Wes	19510
11.940	V	The Box Edge	19510
11.940	V	The International Ch	19510
11.940	V	VH1 Soul	19510
11.940	V	Blues	19510
11.940	V	Classic Jazz	19510
11.940	V	Gospel	19510
11.940	V	Lite Classical	19510
11.940	V	Rap	19510
11.940	V	Symphonic	19510
11.940	V	Trends	19510
11.940	V	Urban Adult Contempo	19510
12.040	H	Action East	19510
12.040	H	Cinemax East	19510
12.040	H	Encore East	19510
12.040	H	HBO East	19510
12.040	H	HBO Family East	19510
12.040	H	MoreMax East	19510
12.040	H	Showtime East	19510
12.040	H	Showtime Extreme Eas	19510
12.040	H	Showtime Showcase Ea	19510
12.040	H	Starz! East	19510
12.040	H	The Movie Channel Xt	19510
12.040	H	True Stories East	19510
12.120	H	DirecWay	30000
12.140	V	Bloomberg TV US	19510
12.140	V	Fox Movie Channel	19510
12.140	V	GoodLife TV Network	19510
12.140	V	Spice	19510
12.140	V	Tech TV	19510
12.140	V	The Insirational Lif	19510
12.140	V	The Outdoor Channel	19510
12.140	V	Trinity Broadcasting	19510
12.187	V	01-CNN	8500
12.187	V	02-MSNBC	8500
12.187	V	03-CNBC	8500
12.187	V	Alt 01-CNN	8500
12.187	V	IdeaCast	8500
12.187	V	04-Channel 4	8500

GALAXY 25
263.0 East (97.0 West)

GXY025KB

Freq GHz	Pol	Channel Name	Symbol rate
11.716	V	Al Anwar	22000
11.716	V	DIDAR GLOBAL TV	22000
● 11.716	V	Feed	22000
● 11.716	V	Heaven Vision TV	22000
11.716	V	Rang-A-Rang	22000
● 11.716	V	RTA	22000
11.716	V	Supreme Master TV	22000
11.716	V	SUROYO TV	22000
● 11.716	V	TRISTIT USA	22000
● 11.716	V	Accent Radio	22000
● 11.716	V	American Liberty Rad	22000
11.716	V	Radio Tondar	22000
● 11.716	V	The Radio Nueva Vida	22000
● 11.716	V	Thuthi FM-Tamil	22000
11.716	V	VBS Radio	22000
● 11.789	V	Ad Hoc	28125
11.789	V	BN BOSNIA	28125
11.789	V	Globecast 63	28125
11.789	V	Israel Plus	28125
11.789	V	TVK	28125
11.789	V	Al Karma	28125
11.789	V	AL MAGHRIBIA	28125
11.789	V	Canal Algerie	28125
11.789	V	Globecast 218	28125
11.789	V	MHz Worldview	28125
11.789	V	Orange TV	28125
11.789	V	Peace TV	28125
11.789	V	BN Bosnia Radio	28125
11.789	V	Al Maghiribia Radio	28125
11.789	V	Radio Internationale	28125
11.789	V	TDA-1	28125
● 11.836	V	AL-ALAM	20765
● 11.836	V	Appadana	20765
● 11.836	V	CHANNEL_ONE	20765
● 11.836	V	Daystar TV	20765
● 11.836	V	IRIB 2	20765
● 11.836	V	IRINN	20765
● 11.836	V	NTD	20765
● 11.836	V	Payam E Azadi	20765
● 11.836	V	TV 7 TUNIS	20765
● 11.836	V	TV Nejat	20765
● 11.836	V	INT 1	20765
● 11.836	V	INT 3	20765
● 11.836	V	INT 4	20765
● 11.836	V	Open/CTR	20765
● 11.836	V	Overcomer/Star4	20765
● 11.836	V	Quran Radio	20765
● 11.836	V	RADIO MAAREF	20765
● 11.836	V	RADIO SARASARI	20765
● 11.836	V	Radio Seday-e Ashna	20765
● 11.836	V	RBN radio	20765
● 11.836	V	STAR1&2	20765
● 11.836	V	Star5 and AVR	20765
● 11.836	V	Tunis Radio1	20765
● 11.836	V	Tunis Radio2	20765
● 11.874	H	RTV21	22000
● 11.874	H	Top Channel	22000
● 11.874	H	Ariana Afghan	22000
● 11.874	H	DMC	22000
● 11.874	H	Globecast 201	22000
● 11.874	H	Globecast 213	22000
● 11.874	H	Globecast 215	22000
● 11.874	H	KJC TV	22000
● 11.874	H	LTV World	22000
● 11.874	H	Telepace	22000
● 11.874	H	GLR Radio 1	22000
● 11.874	H	GLR Radio 2	22000
● 11.874	H	RTV21 Radio	22000
● 11.874	H	DZAR radio	22000
● 11.874	H	Futbol DP	22000
● 11.874	H	Top Albanian Radio	22000
11.898	V	Amrita TV	22000
11.898	V	Asianet	22000
11.898	V	Asianet News	22000
11.898	V	Asianet Plus	22000
11.898	V	RTR Planeta	22000
11.898	V	RTR Sport	22000
11.898	V	SetantaSports	22000
11.898	V	Shalom TV	22000
11.898	V	ARTN TV	22000
● 11.898	V	Belarus TV	22000
11.898	V	NTA	22000
● 11.935	H	Armenian TV	20000
● 11.935	H	Bostel TV	20000
● 11.935	H	DFH-1	20000
● 11.935	H	DFH-2	20000
● 11.935	H	DFH-3	20000
● 11.935	H	DFH-4	20000
● 11.935	H	DFH-5	20000
● 11.935	H	DFHSports	20000
● 11.935	H	MBN TV	20000
● 11.935	H	TV Romania	20000
● 11.935	H	Armenian Radio	20000
● 11.935	H	Bostel Radio	20000
● 11.935	H	DFHFM-1	20000
● 11.935	H	DFHFM-2	20000
● 11.935	H	Romanian Radio	20000
● 11.966	H	AL FAYHAA	22000
● 11.966	H	CNL	22000
● 11.966	H	Kurdsat	22000
● 11.966	H	MRTV/Al Jareeah	22000
● 11.966	H	RODNOY	22000
● 11.966	H	Russia Today	22000
● 11.966	H	TGN	22000
● 11.966	H	The Word Network	22000
● 11.966	H	TOTV	22000
● 11.966	H	TRT	22000
● 11.966	H	VTV-4	22000
● 11.966	H	Kol Haneshama	22000
● 11.966	H	Spirit1	22000
● 11.966	H	TGN Radio	22000
11.991	V	CTN	22000
11.991	V	ERI TV	22000
11.991	V	Pink Plus	22000
11.991	V	Setanta 2	22000
11.991	V	Kuwait TV	22000
11.991	V	M2 Morocco	22000
● 11.991	V	RTS Diaspora	22000
11.991	V	Setanta Adhoc	22000
11.991	V	Simay Azadi	22000
11.991	V	ERI Radio- T	22000
11.991	V	Radio Pink	22000
11.991	V	ERI Radio A	22000
● 11.991	V	Globecast 711	22000
11.991	V	M2 Morocco Radio	22000
11.991	V	Test 243	22000
● 11.998	H	KISB-001	20000
● 11.998	H	KISB-002	20000
● 11.998	H	KISB-003	20000
● 11.998	H	KISB-004	20000
● 11.998	H	KISB-005	20000
● 11.998	H	KISB-006	20000
● 11.998	H	Al Jazeera English	20000
● 11.998	H	KISB-007	20000
● 11.998	H	Saudi TV2	20000
● 11.998	H	TV Cancao Nova	20000
● 11.998	H	KISB Radio-001	20000
● 11.998	H	Radio Cancao Nova	20000
12.008	V	Knowledge Channel	3000
12.053	V	Bridges TV	22000
12.053	V	NTV Hayat	22000
12.053	V	Pink Extra	22000
12.053	V	RSC 1 Romania	22000
12.053	V	RSC 2 Romania	22000
12.053	V	RSC3 PROTV INT	22000
12.053	V	Al Forat	22000
12.053	V	Press TV	22000
12.053	V	'70s	22000
12.053	V	'80s	22000
12.053	V	Adult Alt.	22000
12.053	V	Adult Top 40	22000
12.053	V	Arena Rock	22000
12.053	V	Big Band	22000
12.053	V	Bluegrass	22000
12.053	V	Blues	22000
12.053	V	Christian	22000
12.053	V	Class/Master	22000
12.053	V	Classic R&B	22000
12.053	V	Classic rock	22000
12.053	V	Classic/Ctry	22000
12.053	V	Cont/Instrum	22000
12.053	V	Dance	22000
12.053	V	Easy/Listen	22000
12.053	V	Hip Hop / R&B	22000
12.053	V	Hit List	22000
12.053	V	Int'l/Love	22000
12.053	V	Jazz	22000
12.053	V	Light/Class	22000
12.053	V	Lite Hits	22000
12.053	V	Mexicana	22000
12.053	V	Oldies	22000
12.053	V	Party/Favs	22000
12.053	V	Pop Latino	22000
12.053	V	R&B Soul	22000
12.053	V	Reggae	22000
12.053	V	Reggaeton	22000
12.053	V	Retro-Active	22000
12.053	V	Rock	22000
12.053	V	Rock/Espanol	22000
12.053	V	Salsa/Mereng	22000
12.053	V	Seasons	22000
12.053	V	Singer/Stand	22000
12.053	V	Smooth Jazz	22000
12.053	V	Soundscapes	22000
12.053	V	Taste/Italy	22000
12.053	V	Tejano	22000
12.053	V	Today's/Ctry	22000
12.053	V	Al Forat Radio	22000
12.053	V	RFI /MC M O	22000
12.053	V	RFI Francaise	22000
12.084	V	ASC Flix	22000
12.084	V	ASC Xtra	22000
● 12.084	V	Globecast 157	22000
12.084	V	Tele5	22000
12.084	V	TV Polonia	22000
● 12.084	V	TVP Info	22000
12.084	V	AZ TV	22000
12.084	V	EBRU TV	22000
12.084	V	Samanyolu TV	22000
12.084	V	Latino Broadcasting	22000
12.084	V	AZ Radio	22000
12.084	V	PolskieRadio1	22000
12.084	V	PolskieRadio3	22000

Freq GHz	Pol	Channel Name	Symbol rate
12.090	H	IPTV DRAMA	20000
12.090	H	IPTV NEWS	20000
12.090	H	IPTV VARIETY	20000
12.090	H	ZHONG	20000
12.090	H	ABN	20000
12.090	H	ANDISHEH TV	20000
12.090	H	ARIA INTERNATIONA	20000
12.090	H	CHANNEL ONE	20000
12.090	H	HZTV	20000
12.090	H	IPTV SHOPPING	20000
12.090	H	ISHTAR TV	20000
12.090	H	LAO Champa TV	20000
12.090	H	Lao TV5	20000
12.090	H	LIVE CHANNEL	20000
12.090	H	NAT TV	20000
12.090	H	PARS TV	20000
12.090	H	TAMASHA	20000
12.090	H	TV3 Cambodia	20000
12.090	H	DWRR	20000
12.090	H	DZMM	20000
12.090	H	RSI	20000
● 12.115	V	AMGA	22425
● 12.115	V	BIENESH	22425
● 12.115	V	CTVN	22425
● 12.115	V	DBN	22425
● 12.115	V	E2 Channel	22425
● 12.115	V	HORIZON ARMENIAN	22425
● 12.115	V	IMPACT TV	22425
● 12.115	V	ITC	22425
● 12.115	V	LOVE WORLD	22425
● 12.115	V	MELLI TV-MTC	22425
● 12.115	V	NEWS1	22425
● 12.115	V	SAFE TV	22425
● 12.115	V	SPIRIT TV	22425
● 12.115	V	TEN TV	22425
● 12.115	V	Access America	22425
● 12.115	V	EZRAWEB radio	22425
● 12.115	V	open	22425
● 12.115	V	SAT A/V	22425
● 12.121	H	Affiliate Channel	20000
● 12.121	H	2STV	20000
● 12.121	H	DA-AI	20000
● 12.121	H	KAFGTV	20000
● 12.121	H	Markazi TV	20000
● 12.121	H	NOORTV	20000
● 12.121	H	Payam-E-Afghan	20000
● 12.121	H	Persian Bazaar TV	20000
● 12.121	H	Walf TV	20000
● 12.121	H	KRSI	20000
● 12.121	H	RSI	20000
● 12.146	V	Abu Dhabi sport	22000
● 12.146	V	Al-Iraqiya	22000
● 12.146	V	Jamahirya TV	22000
● 12.146	V	Jordan TV	22000
● 12.146	V	Oman TV	22000
● 12.146	V	Qatar TV	22000
● 12.146	V	Saudi TV1	22000
● 12.146	V	Sharjah TV	22000
● 12.146	V	Sudan TV	22000
● 12.146	V	Syrian TV	22000
● 12.146	V	YEMEN TV	22000
● 12.146	V	Aden Radio	22000
● 12.146	V	Emirates FM	22000
● 12.146	V	Main General Program	22000
● 12.146	V	Oman radio	22000
● 12.146	V	Oman-Holy Quran	22000
● 12.146	V	Program One	22000
● 12.146	V	Quatar radio	22000
● 12.146	V	Radio Omduman Holy K	22000
● 12.146	V	Radio Quran	22000
● 12.146	V	Sana'a radio	22000
● 12.146	V	Sharjah FM	22000
● 12.146	V	Sudan Radio	22000
● 12.146	V	Voice Of People	22000
● 12.146	V	Voice of Youth	22000
● 12.153	H	ETV	20000
● 12.153	H	Iran TV	20000
● 12.153	H	Jaam-E-Jam	20000
● 12.153	H	Omid-E-Iran	20000
● 12.153	H	PEN TV	20000
● 12.153	H	Persian TV	20000
● 12.153	H	Tapesh TV	20000
● 12.153	H	Tasvir Iran	20000
● 12.153	H	Bahai Radio	20000
● 12.153	H	EthiopianRadio	20000
● 12.153	H	Globecast 12	20000
● 12.153	H	KW1L/KW1R	20000
● 12.153	H	KW2L/KW2R	20000
● 12.153	H	Radio Seoul	20000
● 12.177	V	CCN	23000
● 12.177	V	BTV	23000
● 12.177	V	CHURCH CHANNEL	23000
● 12.177	V	Emmanuel TV	23000
● 12.177	V	FTV	23000
● 12.177	V	GODS LEARNING CH	23000
● 12.177	V	House of Yahweh	23000
● 12.177	V	JCTV	23000
● 12.177	V	KURD TV	23000
● 12.177	V	SOAC	23000
● 12.177	V	TBN	23000
● 12.177	V	TBN ENLACE	23000
● 12.177	V	TBN Russia	23000
● 12.177	V	TCS-TV	23000
● 12.177	V	AFN IRAN	23000
● 12.177	V	Asian FM	23000
● 12.177	V	Best NCE	23000
● 12.177	V	Glas Drine BiH	23000
● 12.177	V	KNLB FM Christian	23000
● 12.177	V	Radio Hmong	23000
● 12.177	V	WRN Eng NAM	23000
● 12.177	V	WRN Fra EUR	23000
● 12.177	V	WRN Mul NAM	23000

GALAXY 3C
265.0 East (95.0 West)

GXY03CCH

Freq GHz	Pol	Channel Name	Symbol rate
3.842	H	NPS - AB	11000
3.842	H	NPS - CB	11000
3.842	H	NPS - FO	11000
3.842	H	NPS - NB	11000
3.914	H	Horse/Dog Racing F	3074
3.963	H	Horse/Dog Racing F	3074
3.968	H	Horse/Dog Racing F	3074

GXY03CCV

Freq GHz	Pol	Channel Name	Symbol rate
3.730	V	LATV HOUSTON	8825
3.730	V	Fusion TV	8825
3.730	V	INN News	8825
3.745	V	FAITHTV	2206
3.754	V	INN News	3978
3.767	V	Service 2	6111
3.885	V	Horse/Dog Racing F	3074
3.908	V	Horse/Dog Racing F	3074
3.925	V	Horse/Dog Racing F	3074
3.929	V	Horse/Dog Racing F	3074
3.934	V	Horse/Dog Racing F	3074
3.969	V	Horse/Dog Racing F	3074
3.979	V	Horse/Dog Racing F	3074
4.040	H	DAYSTAR-C	29110
4.040	H	KUOK C	29110
4.040	H	WBTW	29110
4.040	H	WJMF	29110
4.040	H	WNGS-C	29110
4.040	H	WSAV	29110
4.040	H	WUDT	29110
4.040	H	WUVF C	29110
4.100	V	ESPN	28640
4.100	V	ESPN 2	28640
4.100	V	Fox News Channel	28640
4.100	V	HGTV	28640
4.100	V	Lifetime	28640
4.100	V	Lifetime Movie Netwo	28640
4.100	V	Starz! East	28640
4.100	V	The Discovery Channe	28640
4.100	V	The Disney Channel	28640
4.100	V	The Food Network	28640
4.100	V	The Learning Channel	28640
4.100	V	Toon Disney	28640
4.100	V	USDTV - US Digital	28640
4.168	V	LPTV1	6617
4.168	V	LPTV2	6617
4.168	V	LPTV3	6617
4.168	V	LPTV4	6617
4.168	V	LPTV5	6617
4.176	V	CATV	6617
4.176	V	TV DOMINICANA	6617

GXY03CKH

Freq GHz	Pol	Channel Name	Symbol rate
11.780	H	CCTV 4	20759
11.759	H	CCTV 9	20759
● 11.780	H	CCTV E	20759
● 11.780	H	CCTV F	20759
11.810	H	HRTV	20000
● 11.810	H	OTB1	20000
● 11.810	H	OTB2	20000
● 11.810	H	OTB3	20000
11.810	H	RTN1	20000
11.810	H	RTN11	20000
11.810	H	RTN12	20000
11.810	H	RTN13	20000
11.810	H	RTN14	20000
11.810	H	RTN15	20000
11.810	H	RTN16	20000
11.810	H	RTN17	20000
11.810	H	RTN18	20000
11.810	H	RTN19	20000
11.810	H	RTN2	20000
11.810	H	RTN20	20000
11.810	H	RTN22	20000
11.810	H	RTN3	20000
11.810	H	RTN4	20000
11.810	H	RTN5	20000
11.810	H	RTN6	20000
11.810	H	RTN7	20000
11.810	H	RTN8	20000
11.810	H	RTN9	20000
11.810	H	CHNL44	20000
● 11.810	H	ILLOTB	20000
11.810	H	MTI1	20000
11.810	H	MTI2	20000
11.810	H	{Empty}	20000
11.907	H	Feed	4296
12.050	H	ATV	20000
12.050	H	PSTV	20000
12.050	H	PTVN	20000
12.050	H	RTN21	20000
12.050	H	RTN22	20000
12.050	H	RTN23	20000
12.050	H	RTN24	20000
12.050	H	RTN25	20000
12.050	H	RTN26	20000
12.050	H	RTN27	20000
12.050	H	RTN28	20000
12.050	H	RTN29	20000
12.050	H	RTN30	20000
12.050	H	RTN31	20000
12.050	H	RTN32	20000
12.050	H	RTN33	20000
12.050	H	RTN34	20000
12.050	H	RTN35	20000
12.050	H	RTN36	20000
12.050	H	RTN37	20000
12.050	H	RTN38	20000
12.050	H	RTN39	20000
12.050	H	RTN40	20000
12.050	H	AON	20000
12.050	H	MACTV	20000
12.076	H	Data Service	21088

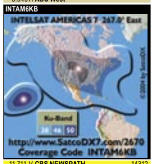
GXY03CKV

C-Band: GALAXY 26
267.0 East (93.0 West)

INTAM6CB

Freq GHz	Pol	Channel Name	Symbol rate
3.720	V	TENMax	
3.760	V	ABC East	
3.840	V	TENXsty	
3.860	H	PBS X	
3.940	H	ABC West	

INTAM6KB



Freq GHz	Pol	Channel Name	Symbol rate
11.711	V	CBS NEWSPATH	14312
11.711	V	CBS 2	14312
● 11.728	H	Reuters WNS	4000
11.728	H	Unknown	4000
● 11.728	H	Opportunistic Data	4000
11.777	V	Feed	3979
● 11.777	V	Feed (DC PATH2)	3979
11.783	V	Feed	3979
● 11.783	V	Feed (DC PATH3)	3979
● 11.783	V	Feed (Service 2)	3979
11.788	V	Feed	3979
● 11.788	V	Feed (SCOPUS-NET-	3979
11.797	H	Unknown	45000
11.827	V	BTV CH 603	8429
11.827	V	BTV CH 601	8429
11.827	V	BTV CH 602	8429
11.827	V	BTV CH 527	8429
11.834	V	BTV CH 605	20510
11.836	H	Classic Arts Showcas	7180
11.836	H	iSkyCom	7180
11.836	H	SBS	7180
11.836	H	UpSessions	7180
11.836	H	WOW	7180
11.836	H	YTN	7180
11.838	H	Unknown	3400
11.847	H	ODU Channel A	7466
11.847	H	ODU Channel B	7466
11.847	H	ODU Channel C	7466
11.847	H	ODU Channel D	7466
11.847	H	ODU Channel E	7466
11.847	H	ODU Channel F	7466
11.870	V	AAFES	4167
11.870	V	AGHAPY	4167
11.877	V	HDTV-English	5079
11.877	V	HDTV-EnglishAltern	5079
11.877	V	HDTV-French	5079
11.877	V	HDTV-FrenchAlterna	5079
11.877	V	HDTV-Spanish	5079
11.877	V	HDTV-SpanishAltern	5079
● 11.892	H	A copy of Channel 1	3000
11.892	H	Channel 1	3000
● 11.900	H	Channel 2	3020
● 11.900	H	Channel 3	3020
11.900	H	Unknown	3020
11.905	V	CHANNEL 2	5000
11.905	V	Default Channel 1	5000
11.905	V	Non-IRS users	5000
11.906	H	Unknown	3030
11.911	V	McGee Tyson Ch1	1500
● 11.911	V	OnCommand	1500
● 11.915	H	Justice Television N	4400
11.915	H	Unknown	4400
11.930	V	Test Card	
11.987	H	Feed	3979
● 11.987	H	Feed (WBRC PATH1)	3979
● 11.997	V	Feed (Channel 1)	7234
● 11.997	V	Feed (Channel 2)	7234
● 11.997	V	Feed (Channel 3)	7234
● 11.997	V	Feed (Channel 4)	7234
11.997	V	Feed	7234
● 11.997	V	Feed ({Empty Name})	7234
12.003	H	Feed	3979
● 12.008	H	Feed (FOX NEWS)	3979
12.049	V	ABC News Now	3979
12.060	H	Feed	3979
● 12.077	V	Feed (Azteca America	8681
● 12.077	V	Feed (Azteca 13)	8681
● 12.077	V	Feed (Azteca 7)	8681
● 12.077	V	Feed (Azteca America	8681
12.077	V	Feed	8681
12.079	H	CNN Headline News	4000
12.080	H	Justice Television N	5070
12.086	H	Fish and Wildlife Ch	3010
12.086	H	Fish and Wildlife Ch	3010
12.086	H	Keesler AFB Ch1	3010
12.086	H	Keesler AFB Ch2	3010
12.096	H	Wright Patterson Ch	4500
12.096	H	Wright Patterson Ch	4500
12.096	H	Wright Patterson Ch	4500
12.096	H	Wright Patterson Ch	4500
12.096	H	Wright Patterson Ch	4500
12.096	H	Wright Patterson Ch	4500
12.096	H	Wright Patterson Ch	4500
12.096	H	Wright Patterson Ch	4500
● 12.118	V	Channel 1 Baltimore	20617
● 12.118	V	Channel 2 Baltimore	20617
● 12.118	V	Channel 3 Kansas Stu	20617
● 12.118	V	Channel 4 Atlanta St	20617
● 12.118	V	Channel 5 Dallas Stu	20617
● 12.118	V	Channel 6 Seattle St	20617
● 12.118	V	Channel 7 Baltimore	20617
● 12.118	V	Channel 8 Baltimor	20617
● 12.118	V	Channel 9	20617
12.132	H	Fox News Channel	3105
12.146	V	DMX Music Package	
12.161	H	f	6150
12.175	V	Lord & Taylor Video	5147
12.175	V	MACYS 4	5147
● 12.175	V	MACYS 5	5147
12.175	V	Flower Show	5147
12.175	V	JR/YM MUSIC	5147
● 12.177	V	MACYS 4	5147
12.177	V	MACYS 5	5147
● 12.177	V	Flower Show	5147
● 12.177	V	JR/YM MUSIC	5147
12.190	V	Feed	2098

C-Band: BRASILSAT 4
268.0 East (92.0 West)

BRA0B4CB

Freq GHz	Pol	Channel Name	Symbol rate
3.656	H	TV Antena 10	3150
3.665	H	CB Leiloes	3214
3.670	H	Feeds (NoName)	3214
3.684	H	Rede NGT	4780
3.836	H	Rede Mulher feeds	4444
3.836	H	Rede Mulher feeds (n	4444
3.844	V	TV Rio Negro	3255
3.851	V	Estacao TV	3617
3.925	V	TV Aparecida	2967
3.925	V	Radio Aparecida AM	2967
3.925	V	Radio Aparecida FM	2967
3.928	V	TVBV	2700
3.933	V	TV Tapajos	4000
3.933	V	FM 94	4000
3.956	V	TV Gazeta AL	4285

GALAXY 11
269.0 East (91.0 West)

GXY011CB

Freq GHz	Pol	Channel Name	Symbol rate
3.720	H	The CW Central/Mount	26700
3.720	H	The CW East	26700
3.720	H	The Cw West	26700
● 3.740	V	Fox Sports Feeds (Ba	27800
● 3.740	V	Fox Sports Feeds (Bi	27800
● 3.740	V	Fox Sports Feeds (	27800
● 3.740	V	Fox Sports Feeds (	27800
● 3.740	V	Fox Sports Feeds (TX	27800
● 3.740	V	Fox Sports Feeds (TX	27800
● 3.740	V	Fox Sports Feeds (TX	27800
● 3.740	V	Fox Sports Feeds (TX	27800
3.780	V	FX West	30000
3.800	H	ALT 1	30000
3.800	H	ALT 2	30000
3.800	H	FX East	30000
3.800	H	FX West	30000
3.800	H	Out of Svc	30000
3.800	H	Out Service 248	30000
3.800	H	PPV	30000
3.800	H	TVG	30000
3.820	V	Atlantic	30000
3.820	V	Central	30000
3.820	V	FMC	30000
3.820	V	Fox News	30000
3.820	V	Nat Geo	30000
3.820	V	Pacific	30000
3.820	V	Network B/U	30000
3.820	V	FMC CRN	30000
● 3.840	H	Comcast HD	29250
3.840	H	CRS ALT MPEG	29250
3.840	H	mtn	29250
3.840	H	Sports Net West	29250
● 3.840	H	SportsNet NW (Portla	29250
3.840	H	VERSUS AC3	29250
● 3.840	H	Versus Alternate AC3	29250
● 3.840	H	Versus Alternate Mpe	29250
3.840	H	VERSUS MPEG	29250
3.860	V	Espanol	30000
● 3.860	V	FBN - Fox Business	30000
3.860	V	Fuel	30000
3.860	V	Reality	30000
3.860	V	Soccer	30000
3.860	V	Speed	30000
3.860	V	Future 2	30000
3.860	V	Future 2-Dig	30000
● 3.920	H	Africa	26000
● 3.920	H	Europe audios 3 & 4	26000
3.920	H	ac-3 US domestic	26000
3.920	H	Canada	26000
3.920	H	Canada AC-3	26000
3.920	H	David Radio	26000
3.920	H	Domestic	26000
3.920	H	Domestic-English onl	26000
3.920	H	Enc7 AC3	26000
● 3.920	H	EWTN Europe Englis	26000
● 3.920	H	EWTN Europe Intern	26000
3.920	H	latin AC-3	26000
3.920	H	PAC RIM	26000
3.920	H	Radio 95	26000
3.920	H	Radio 96	26000
3.920	H	Real SP & Radio	26000
3.920	H	Span Dom	26000
3.920	H	Span Int	26000
3.920	H	WEWN	26000
3.920	H	covenant	26000
● 3.920	H	Eurobird	26000
3.920	H	EWTN Audio Test	26000
3.920	H	Fund Appeal	26000
3.920	H	Occasional	26000
3.920	H	Radio 97	26000
3.920	H	Radio 98	26000
3.920	H	radio Direct	26000
3.920	H	Radio Pas	26000
3.920	H	Sirius satellite rad	26000
3.920	H	wewn	26000
3.920	H	WQOP-IHR	26000
4.007	H	KLUZ-TV	2480
● 4.014	H	THE WORD NETWORK	6620
● 4.040	H	Fox Sports Feeds (	27800
● 4.040	H	Fox Sports Feeds (	27800
● 4.040	H	Fox Sports Feeds (	27800
● 4.040	H	Fox Sports Feeds (	27800
● 4.040	H	Fox Sports Feeds (	27800
● 4.040	H	Fox Sports Feeds (	27800
● 4.040	H	Fox Sports Feeds (	27800
4.082	H	SHOP AT HOME	3300
4.089	H	JEWELRY TV	3300
4.092	H	ADHOC	2170
4.120	H	The Hallmark Channel	19510
4.135	H	TOC - DVIDS 1	6112
4.135	H	TOC - DVIDS 2	6112

GXY011KB

Freq GHz	Pol	Channel Name	Symbol rate
11.865	V	Unknown	2500
12.060	V	FETN	26700
12.060	V	HSTN	26700
12.060	V	LETN	26700
12.060	V	LTCN	26700
12.060	V	Occasional Use - 4	26700
12.060	V	TXCN	26700
12.060	V	Occasional Use - 1	26700
12.060	V	Occasional Use - 2	26700
12.060	V	Occasional Use - 3	26700
12.060	V	AAFES	26700
12.135	V	Unknown	15000

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Freq GHz	Pol	Channel Name	Symbol rate
● 4.140	V	FBNHD	27800
● 4.140	V	FXEHD	27800
● 4.140	V	NGHD	27800

NIMIQ 1
269.1 East (90.9 West)

NIM001KB

Freq GHz	Pol	Channel Name	Symbol rate
12.224	R	A-LON	20000
12.224	R	CBC-L	20000
12.224	R	CPAC	20000
12.224	R	CPACF	20000
12.224	R	CTV-L	20000
12.224	R	HIST	20000
12.224	R	HSTDv	20000

The Full Chart with the most up-to-date channel data is available exclusively for TELE-satellite readers from SatcoDX's CD "World of Satellites"
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Freq Pol GHz	Channel Name	Symbol rate
12.224 R	ISSUE	20000
12.224 R	LONDv	20000
12.224 R	MTV	20000
12.224 R	NCAR2	20000
12.224 R	RCVu0	20000
●12.224 R	RCVu0*	20000
12.224 R	TSC	20000
12.224 R	TVLND	20000
12.224 R	Vu22	20000
●12.224 R	RFI	20000
●12.224 R	Jan08	20000
12.224 R	EPG2	20000
●12.224 R	MVDE	20000
●12.224 R	MVDF	20000
12.239 L	A-VIC	20000
12.239 L	CW11	20000
12.239 L	GAME	20000
12.239 L	HLTH	20000
12.239 L	NCAR4	20000
12.239 L	NHL8	20000
12.239 L	OLN	20000
12.239 L	OUTTV	20000
12.239 L	RAI	20000
12.239 L	VICDv	20000
12.239 L	Vu15	20000
12.239 L	Vu24	20000
12.239 L	VuF1	20000
●12.239 L	CBC1T	20000
●12.239 L	iHORO_E	20000
●12.239 L	iHORO_F	20000
●12.239 L	iHRES	20000
●12.239 L	iHRFS	20000
●12.239 L	PPDAL	20000
●12.239 L	{Empty}	20000
12.253 R	VNS10	20000
12.253 R	VNUS0	20000
12.253 R	VNUS1	20000
12.253 R	VNUS2	20000
12.253 R	VNUS3	20000
12.253 R	VNUS4	20000
12.253 R	VNUS5	20000
12.253 R	VNUS6	20000
12.253 R	VNUS7	20000
12.253 R	VNUS8	20000
12.253 R	VNUS9	20000
12.268 L	A&E	20000
12.268 L	CTV-T	20000
12.268 L	CTVDv	20000
12.268 L	FOXNC	20000
12.268 L	GLB-T	20000
12.268 L	GLBDv	20000
●12.268 L	IDMTV	20000
●12.268 L	SETNA	20000
12.268 L	SPACE	20000
12.268 L	SPCDv	20000
12.268 L	STAR	20000
12.268 L	TLC	20000
12.268 L	VuFr	20000
12.268 L	VuP32	20000
12.268 L	GXY18	20000
12.268 L	GXY2	20000
12.268 L	GXY3	20000
12.268 L	GXY30	20000
12.268 L	GXY4	20000
12.268 L	GXY7	20000
●12.268 L	WRN	20000
●12.268 L	RMTE	20000
●12.268 L	RMTF	20000
12.282 R	CTV-R	20000
12.282 R	CTV-w	20000
12.282 R	CTV-W	20000
12.282 R	DEJA	20000
12.282 R	FOXSP	20000
12.282 R	LONE*	20000
12.282 R	MSTRY	20000
12.282 R	XTRME	20000
12.282 R	GXY31	20000
12.282 R	GXY32	20000
12.282 R	GXY33	20000
12.282 R	GXY36	20000
12.282 R	GXY45	20000
●12.282 R	HERZ	20000
12.282 R	POWER	20000
●12.282 R	AALP	20000
●12.282 R	D8FF4	20000
●12.282 R	D8FF6	20000
●12.282 R	D8FF7	20000
●12.282 R	D8FF9	20000
●12.282 R	D8FFB	20000
●12.282 R	D8FFC	20000
●12.282 R	D8FFF	20000
12.297 L	NFL4	20000
●12.297 L	BluVu	20000
●12.297 L	CBCMn	20000
●12.297 L	CBCMn*	20000
●12.297 L	COSMO	20000
12.297 L	CRKT	20000
●12.297 L	IFC	20000
12.297 L	MLB4	20000
12.297 L	NHL4	20000
●12.297 L	PHDIS	20000
12.297 L	RAPTR	20000
12.297 L	VuBuy	20000
12.297 L	LSCR	20000
12.297 L	XPRS*	20000
12.297 L	XPRS2	20000
●12.297 L	DiTV	20000
●12.297 L	GGiTV	20000
●12.297 L	GJTVi	20000
●12.297 L	IFEED	20000
●12.297 L	MINIKIDS	20000
●12.297 L	Mnply	20000
12.297 L	NFL4h	20000
12.311 R	BBC	20000
●12.311 R	DvEPG	20000
12.311 R	E!Dv	20000
12.311 R	E!ONT	20000
12.311 R	GLB-E	20000
12.311 R	NBC-E	20000
12.311 R	SCORE	20000
●12.311 R	Vu14	20000
12.311 R	Vu2	20000
12.311 R	Vu7	20000
12.311 R	VuF7	20000
12.311 R	WSBK	20000
12.311 R	NPR	20000
12.311 R	AIDE	20000
12.311 R	iHELP	20000
12.311 R	iHELP*	20000
●12.311 R	RG1	20000
12.326 L	CBC-T	20000
12.326 L	CBCDv	20000
12.326 L	CTVNN	20000
12.326 L	DISC	20000
12.326 L	FOOD	20000
12.326 L	M-MOR	20000
12.326 L	MLB3	20000
12.326 L	MSQPL	20000
12.326 L	NBC-W	20000
12.326 L	NFL3	20000
12.326 L	NHL3	20000
12.326 L	SNETO	20000
12.326 L	VuF4	20000
●12.326 L	VPRNT	20000
●12.326 L	vPRNT	20000
12.326 L	PTMob	20000
12.326 L	NFL3h	20000
12.326 L	PZGLP	20000
●12.341 R	TV5	20000
●12.341 R	APTNn	20000
●12.341 R	BabyE	20000
12.341 R	BabyF	20000
●12.341 R	BabyS	20000
●12.341 R	CITYV	20000
●12.341 R	CTV-V	20000
●12.341 R	DvCTV	20000
●12.341 R	DvCTY	20000
●12.341 R	DvE!	20000
●12.341 R	DvPBS	20000
●12.341 R	E!BC	20000
●12.341 R	iTV	20000
●12.341 R	PBS-W	20000
●12.341 R	SUNTV	20000
●12.341 R	Vu	20000
●12.341 R	Vu6	20000
●12.341 R	VuF6	20000
●12.341 R	VuS32	20000
●12.341 R	DPG1	20000
●12.341 R	DPG2	20000
●12.341 R	DPG3	20000
●12.341 R	DPG4	20000
●12.341 R	DPG5	20000
●12.341 R	DSNLP	20000
●12.341 R	RG5	20000
12.355 L	ABC-W	20000
12.355 L	ANIML	20000
12.355 L	BNN	20000
12.355 L	HGTDv	20000
12.355 L	HGTV	20000
12.355 L	MLB6	20000
12.355 L	MMM	20000
12.355 L	MPIX	20000
12.355 L	NCAA1	20000
12.355 L	NFL6	20000
12.355 L	SNETP	20000
12.355 L	SRC-W	20000
12.355 L	TREDv	20000
12.355 L	TREE	20000
12.355 L	Vu30	20000
●12.355 L	DESJA	20000
12.355 L	GXY10	20000
12.355 L	GXY11	20000
12.355 L	GXY20	20000
12.355 L	GXY21	20000
12.355 L	GXY23	20000
12.355 L	GXY38	20000
12.355 L	NFL6h	20000
12.355 L	RG6	20000
12.370 R	BET	20000
12.370 R	CNN	20000
12.370 R	CTMDv	20000
12.370 R	CTV-M	20000
12.370 R	FOX-W	20000
12.370 R	MET*	20000
12.370 R	MET-i	20000
12.370 R	METEO	20000
12.370 R	MMDVi	20000
12.370 R	NFL-N	20000
12.370 R	NHL-C	20000
●12.370 R	NHL-E	20000
●12.370 R	NHL-V	20000
12.370 R	PBS-E	20000
12.370 R	PBSDv	20000
12.370 R	Vu19	20000
12.370 R	WEA	20000
12.370 R	WEA*	20000
12.370 R	WEA-i	20000
12.370 R	WeDVi	20000
12.370 R	WGN	20000
12.370 R	NPR*	20000
●12.370 R	iMETE_AP	20000
●12.370 R	iMETS	20000
●12.370 R	iRMT	20000
●12.370 R	iTPSi	20000

Freq Pol GHz	Channel Name	Symbol rate
12.384 L	CAN-D	20000
12.384 L	CAN-H	20000
12.384 L	CAN-Z	20000
12.384 L	SE	20000
12.384 L	SE2	20000
12.384 L	SE3	20000
12.384 L	SE4	20000
12.384 L	SERIE	20000
12.384 L	SRC-V	20000
12.384 L	VRAK	20000
●12.384 L	WAHSA	20000
●12.384 L	KIDE	20000
●12.384 L	KIDSS	20000
12.399 R	CBC-a	20000
12.399 R	CBC-A	20000
12.399 R	FIGHT	20000
12.399 R	MCTV	20000
12.399 R	MCTV*	20000
12.399 R	MLB9	20000
12.399 R	NCAA4	20000
●12.399 R	NHLMH	20000
12.399 R	OMNI1	20000
12.399 R	SUPR1	20000
●12.399 R	SWARE	20000
12.399 R	TROP	20000
12.399 R	TRPDv	20000
12.399 R	Vison	20000
12.399 R	VISON	20000
12.399 R	Vu27	20000
12.399 R	VuF13	20000
12.399 R	NFL9h	20000
●12.399 R	NHLMV	20000
●12.399 R	TVi	20000
12.414 L	CBC-M	20000
12.414 L	CIVIL	20000
12.414 L	ESPNc	20000
12.414 L	MUSMX	20000
12.414 L	NCAR1	20000
12.414 L	OMNI2	20000
12.414 L	ONE	20000
12.414 L	ONEDv	20000
12.414 L	Prise	20000
12.414 L	RCVu3	20000
●12.414 L	RCVu3*	20000
12.414 L	SHO-E	20000
12.414 L	SPIKE	20000
12.414 L	Vu21	20000
12.414 L	OnHD	20000
●12.414 L	BILE	20000
●12.414 L	BILF	20000
●12.414 L	RG8	20000
12.428 R	ASN	20000
12.428 R	BOOK	20000
12.428 R	CITYW	20000
12.428 R	COURT	20000
12.428 R	GLB-H	20000
12.428 R	HPI-1	20000
12.428 R	HPI-2	20000
●12.428 R	MLB1	20000
●12.428 R	NHL1	20000
12.428 R	NTV	20000
12.428 R	SUPR2	20000
12.428 R	WLDTV	20000
12.428 R	RG4	20000
●12.428 R	SDKU	20000
●12.428 R	SDKUS	20000
12.443 L	ACCES	20000
12.443 L	ATV	20000
12.443 L	CBC-H	20000
12.443 L	CBCDC	20000
12.443 L	CITYE	20000
12.443 L	CLT	20000
12.443 L	KNOW	20000
12.443 L	RFO	20000
12.443 L	SCN	20000
12.443 L	CBC1H	20000
12.443 L	CBC1V	20000
12.443 L	CBC2V	20000
12.443 L	CHED	20000
12.443 L	OZ-FM	20000
12.443 L	PC-V	20000
12.443 L	VOAR	20000
●12.443 L	NSCAR	20000
●12.443 L	PC	20000
●12.443 L	PCS	20000
12.457 R	EA1	20000
12.457 R	EA2	20000
12.457 R	FAM-W	20000
12.457 R	FMLY	20000
12.457 R	GolSP	20000
12.457 R	GolTV	20000
12.457 R	MC1	20000
12.457 R	MC2	20000
12.457 R	MC3	20000
12.457 R	MC4	20000
12.457 R	TOONE	20000
12.457 R	TOONF	20000
12.457 R	TOONW	20000
12.457 R	TTeDv	20000
12.457 R	TTfDv	20000
12.457 R	TTwDv	20000
●12.457 R	CBC2T	20000
12.472 L	CBC-C	20000
12.472 L	CITYC	20000
12.472 L	CTV-c	20000
12.472 L	CTV-C	20000
12.472 L	GLB-C	20000
12.472 L	GLB-S	20000
12.472 L	GLCDv	20000
12.472 L	GLSDv	20000
12.472 L	MIRCL	20000
12.472 L	PLBOY	20000
12.472 L	SEXTV	20000
12.472 L	VENUS	20000
12.472 L	105FM	20000
12.472 L	960AM	20000
12.472 L	EDGE	20000
●12.472 L	RIGA	20000
●12.472 L	LUDI	20000
●12.472 L	RG9	20000
●12.472 L	SUBS	20000
12.472 L	VENLP	20000
12.472 L	VGME	20000
12.472 L	VGMES	20000
12.486 R	CBC-w	20000
12.486 R	CBC-W	20000
12.486 R	CMT	20000
12.486 R	DOCU	20000
12.486 R	GOLF	20000
12.486 R	MLB10	20000
12.486 R	NEWS2	20000
12.486 R	NHL6	20000
12.486 R	TECH	20000
12.486 R	TRAVL	20000
12.486 R	TVA-R	20000
12.486 R	VnBuy	20000
12.486 R	VNUS	20000
12.486 R	Vu26	20000
12.486 R	VuCOM	20000
12.486 R	YTV-W	20000
●12.486 R	NHL-V	20000
12.486 R	NF14h	20000
12.501 L	CFJC	20000
●12.501 L	BOLD	20000
●12.501 L	CMDYW	20000
12.501 L	DvCom	20000
12.501 L	NCAR	20000
12.501 L	RCVu1	20000
●12.501 L	RCVu1*	20000
12.501 L	RCVu2	20000
●12.501 L	RCVu2*	20000
12.501 L	SCRM	20000
12.501 L	SPEED	20000
12.501 L	TROPW	20000
12.501 L	VIBE	20000
12.501 L	Vu20	20000
12.501 L	W	20000
12.501 L	YTV-E	20000
●12.501 L	FAN	20000
12.516 R	ABC-E	20000
12.516 R	CAN-V	20000
12.516 R	CBCNW	20000
12.516 R	GLB-w	20000
12.516 R	GLB-W	20000
12.516 R	Kids1	20000
●12.516 R	Kids3	20000
12.516 R	M-XS	20000
12.516 R	MLB5	20000
12.516 R	NFL5	20000
12.516 R	NHL5	20000
12.516 R	SNETW	20000
12.516 R	SUPR3	20000
12.516 R	Vu8	20000
12.516 R	Vu9	20000
12.516 R	VuF8	20000
12.516 R	VuF9	20000
12.516 R	WFN	20000
12.516 R	GXY26	20000
12.516 R	GXY28	20000
12.516 R	GXY29	20000
12.516 R	GXY39	20000
12.516 R	GXY5	20000
12.516 R	GXY8	20000
●12.516 R	METRO	20000
12.516 R	BTVM	20000
12.516 R	VUMAG	20000
12.516 R	NFL5h	20000
12.530 L	ANQ	20000
12.530 L	CAN-E	20000
12.530 L	CAN-S	20000
12.530 L	LCN	20000
12.530 L	SRC-M	20000
12.530 L	TELEQ	20000
12.530 L	TQS-M	20000
12.530 L	TVA-M	20000
12.530 L	TVA-O	20000
12.530 L	CC-M	20000
12.530 L	CJAD	20000
12.530 L	CJPX	20000
12.530 L	CKAC	20000
12.530 L	PC-M	20000
●12.530 L	iTRIV_AP	20000
●12.530 L	NTNS	20000
●12.530 L	OFFR1	20000
●12.530 L	OFFR1*	20000
●12.530 L	OFFR2	20000
●12.530 L	OFFR2*	20000
●12.530 L	RG3	20000
●12.530 L	RG7	20000
12.545 R	CITYT	20000
12.545 R	CP24	20000
12.545 R	CTYDv	20000
12.545 R	FOX-E	20000
12.545 R	M	20000
12.545 R	MLB13	20000
12.545 R	NCAR5	20000
12.545 R	NHL7	20000
12.545 R	RCVu4	20000
●12.545 R	RCVu4*	20000
12.545 R	SNETE	20000
12.545 R	Vu10	20000
12.545 R	Vu11	20000
12.545 R	Vu25	20000
12.545 R	VuF10	20000

Freq Pol GHz	Channel Name	Symbol rate
12.545 R	VuF11	20000
12.545 R	VuF15	20000
12.545 R	VuF3	20000
●12.545 R	CJRT	20000
12.545 R	NF13h	20000
●12.545 R	THTPE	20000
12.559 L	CBC-V	20000
12.559 L	CBS-W	20000
12.559 L	DvCBC	20000
12.559 L	M-FUN	20000
12.559 L	MFEST	20000
12.559 L	MLB11	20000
12.559 L	NFL11	20000
12.559 L	RDI	20000
12.559 L	SLICE	20000
12.559 L	TSN	20000
12.559 L	Vu4	20000
12.559 L	VuF17	20000
●12.559 L	VuPPV	20000
12.559 L	1200	20000
12.559 L	NF11h	20000
●12.559 L	OFFRS	20000
12.574 R	CBS-E	20000
12.574 R	D-KDS	20000
12.574 R	DvGLB	20000
12.574 R	GLB-V	20000
12.574 R	LEAFS	20000
12.574 R	M-ESC	20000
●12.574 R	MLB2	20000
12.574 R	MUCH	20000
●12.574 R	NHL2	20000
12.574 R	Vu1	20000
12.574 R	Vu3	20000
12.574 R	Vu5	20000
12.574 R	VuF5	20000
12.574 R	GXY34	20000
12.574 R	GXY40	20000
12.574 R	GXY41	20000
12.574 R	GXY42	20000
12.574 R	GXY44	20000
12.574 R	STiS	20000
●12.574 R	iWEAS	20000
●12.574 R	iWTHR_AP	20000
●12.574 R	MOVIE2	20000
12.588 L	ARGNT	20000
12.588 L	ARTV	20000
12.588 L	cnpop	20000
12.588 L	MENTV	20000
12.588 L	Mystr	20000
12.588 L	RDS	20000
12.588 L	SRC-Q	20000
12.588 L	TVASa	20000
12.588 L	TVASh	20000
12.588 L	680am	20000
12.588 L	GXY1	20000
12.588 L	GXY15	20000
12.588 L	GXY16	20000
12.588 L	GXY17	20000
12.588 L	GXY43	20000
12.588 L	GXY9	20000
●12.588 L	KIDF	20000
●12.588 L	KIDSF	20000
12.603 R	APTN	20000
12.603 R	BIO	20000
12.603 R	BPM	20000
12.603 R	CTS	20000
12.603 R	HNN	20000
12.603 R	NCAA6	20000
12.603 R	NCAR3	20000
12.603 R	NFL10	20000
12.603 R	NHL9	20000
12.603 R	RAZER	20000
12.603 R	RCVu5	20000
●12.603 R	RCVu5*	20000
12.603 R	SHO-W	20000
12.603 R	TELAT	20000
12.603 R	Vu23	20000
12.603 R	VuF12	20000
12.603 R	VuF14	20000
12.603 R	NF10h	20000
12.618 L	ACTN	20000
12.618 L	CHEX	20000
12.618 L	CRKT1	20000
12.618 L	CRKT2	20000
12.618 L	DIVA	20000
12.618 L	DRVin	20000
●12.618 L	FineL	20000
12.618 L	FTV	20000
12.618 L	NHLVu	20000
12.618 L	PEACH	20000
12.618 L	RCVu6	20000
●12.618 L	RCVu6*	20000
12.618 L	RCVu7	20000
●12.618 L	RCVu7*	20000
12.618 L	TFO	20000
12.618 L	Vu16	20000
●12.618 L	AM640	20000
12.618 L	{Empty}	20000
12.632 R	A-BAR	20000
12.632 R	BARDv	20000
12.632 R	CBCNA	20000
12.632 R	CNBC	20000
12.632 R	GEO	20000
12.632 R	MLB7	20000
12.632 R	MVOLA	20000
12.632 R	NCAA2	20000
12.632 R	NFL7	20000
12.632 R	RIS	20000
●12.632 R	SWAP	20000
12.632 R	TOONR	20000
●12.632 R	Vu-F	20000
12.632 R	Vu12	20000
12.632 R	Vu29	20000
12.632 R	Vu401	20000
12.632 R	96FM	20000
12.632 R	iLOTO_E	20000
12.632 R	iLOTO_F	20000
12.632 R	iLTES	20000
12.632 R	iLTFS	20000
12.632 R	NFL7h	20000
12.647 L	BBC-C	20000
12.647 L	BBC-K	20000
12.647 L	BRAVO	20000
12.647 L	CBC-O	20000
12.647 L	CTV-e	20000
12.647 L	CTV-E	20000
12.647 L	KTLA	20000
12.647 L	MLB8	20000
12.647 L	NCAA3	20000
12.647 L	NEWS1	20000
12.647 L	NFL8	20000
12.647 L	RCVu9	20000
12.647 L	TSN-A	20000
12.647 L	TVA-G	20000
12.647 L	Vu13	20000
12.647 L	Vu18	20000
12.647 L	Vu28	20000
12.647 L	NFL8h	20000
●12.647 L	RG2	20000
●12.647 L	SLFSV	20000
●12.647 L	SSrv6	20000
12.661 R	A-OTT	20000
12.661 R	CMDY	20000
12.661 R	COMDv	20000
12.661 R	Kids2	20000
●12.661 R	Kids4	20000
12.661 R	MLB12	20000
12.661 R	NCAA5	20000
12.661 R	NFL12	20000
12.661 R	NHL-N	20000
●12.661 R	NHL10	20000
12.661 R	OTTDv	20000
12.661 R	RCVu8	20000
●12.661 R	RCVu8*	20000
●12.661 R	SILV2	20000
12.661 R	SRC-A	20000
12.661 R	SUPR4	20000
12.661 R	TVO	20000
12.661 R	Vu17	20000
12.661 R	VuF16	20000
●12.661 R	VuF2	20000
●12.661 R	ALERT	20000
●12.661 R	ALRT	20000
●12.661 R	BFVSC	20000
●12.661 R	LOCK	20000
●12.661 R	PPVu	20000
●12.661 R	Vu*	20000
●12.661 R	Vu-F*	20000
12.661 R	Q107	20000
12.661 R	{Empty}	20000
●12.661 R	AddRe	20000
12.661 R	NF12h	20000
●12.676 L	ADR	20000
12.676 L	SRCSh	20000
12.676 L	TQS-Q	20000
12.676 L	TQSRL	20000
12.676 L	TQSSa	20000
12.676 L	TQSSh	20000
12.676 L	TVA-Q	20000
12.676 L	TVARL	20000
12.676 L	TVARN	20000
12.676 L	GXY12	20000
12.676 L	GXY13	20000
12.676 L	GXY14	20000
12.676 L	GXY22	20000
12.676 L	GXY24	20000
12.676 L	GXY6	20000
●12.676 L	MOVIE	20000
●12.676 L	NFLi	20000
●12.676 L	Rdiag	20000
●12.676 L	SLP	20000

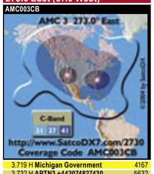
Freq Pol GHz	Channel Name	Symbol rate
●12.589 L	ARGNT	20000
●12.589 L	ARTV	20000
●12.589 L	cnpop	20000
●12.589 L	MENTV	20000
●12.589 L	Mystr	20000
●12.589 L	RDS	20000
●12.589 L	SRC-Q	20000
●12.589 L	TVASa	20000
●12.589 L	TVASh	20000
●12.589 L	680am	20000
●12.589 L	GXY1	20000
●12.589 L	GXY15	20000
●12.589 L	GXY16	20000
●12.589 L	GXY17	20000
●12.589 L	GXY43	20000
●12.589 L	GXY9	20000
●12.589 L	KIDF	20000
●12.589 L	KIDSF	20000

GALAXY 28
271.0 East (89.0 West)
GXY028KB

Freq Pol GHz	Channel Name	Symbol rate
11.734 H	Channel 300	4500
11.734 H	Channel 301	4500
11.734 H	Channel 302	4500
11.734 H	Channel 303	4500
11.734 H	Channel 304	4500
11.734 H	TRAVERTINE	4500
11.734 H	Channel 1	4500
11.758 V	TRAVERTINE	26000
●11.780 H	BTV-1	29000
11.780 H	BTV-2	29000
11.780 H	BTV-3	29000
11.780 H	BTV-4	29000
●11.780 H	NorthAmericaBkup	29000
●11.780 H	Dassault	29000
●11.780 H	KenCast	29000
●11.780 H	Orkin	29000
●11.780 H	WM9	29000
11.820 H	Unknown	30000
11.882 H	RTP	4883
11.900 H	HughesNet	30000
11.920 V	Unknown	30000
11.925 H	ABC Feed	3978
11.955 V	ABC NEWS NOW	19533
11.955 V	ABSAT CH2	19533
11.955 V	NEWS1 LIVE	19533
11.960 V	ABC NEWS NOW	3978
11.965 V	ABC Feed (ABC SCP	3978
11.965 H	ABC Feed (Service 1)	3978
●11.970 H	ABC Feed (WEWS DS	3978
●11.975 H	ABC Feed (Service 2)	3978
11.975 V	ABC Feed (Tandberg	3978
●11.980 H	ABC Feed (Service 2)	3978
11.989 V	ABC Feed	6111
11.990 H	ABC Feed (WMUR-TV	3978
12.009 V	ABC Feed	6111
12.043 H	Unknown	6111
12.046 H	ABC Feed	6489
12.054 H	Unknown	6510
12.060 H	TRAVERTINE	26600
12.076 H	Service 2	4883
12.080 V	HughesNet	30000
12.170 H	Feed	15914
12.185 H	ABC Feed (WMTW 207	3979
12.195 H	ABC Feed (WBAL 1)	3979

Freq Pol GHz	Channel Name	Symbol rate
● 3.997 H	News	3680
● 3.997 H	Pacific	3680
● 3.997 H	Sports	3680
● 4.060 H	AFN Family	28000
● 4.060 H	AFN Freedom	28000
● 4.060 H	AFN Movie	28000
● 4.060 H	AFN News	28000
● 4.060 H	AFN Prime Atlantic	28000
● 4.060 H	AFN Prime Pacific	28000
● 4.060 H	AFN Spectrum	28000
● 4.060 H	AFN Sports	28000
● 4.060 H	AFN Xtra	28000
● 4.060 H	Atlantic 2	28000
● 4.060 H	Atlantic 3	28000
● 4.060 H	Atlantic 4	28000
● 4.060 H	Atlantic 5	28000
● 4.060 H	Atlantic 6	28000
● 4.060 H	Atlantic 7	28000
● 4.060 H	Atlantic 8	28000
● 4.060 H	Atlantic 9	28000
● 4.060 H	Engineering Channel	28000
● 4.060 H	Adult Rock	28000
● 4.060 H	AFN Back-up for A	28000
● 4.060 H	AFN Back-up to AFN	28000
● 4.060 H	AFN Back-up to AF	28000
● 4.060 H	AFN Program Guide	28000
● 4.060 H	AFN Radio Variable	28000
● 4.060 H	Backhaul from Baghda	28000
● 4.060 H	Backhaul to Japan	28000
● 4.060 H	Bright AC	28000
● 4.060 H	Contingency (Closed	28000
● 4.060 H	ESPN Plus	28000
● 4.060 H	Fox Sports Talk	28000
● 4.060 H	Hot AC	28000
● 4.060 H	Interruptable Voice	28000
● 4.060 H	Mainstream Country	28000
● 4.060 H	NPR International	28000
● 4.060 H	Oldies	28000
● 4.060 H	SMPTE Time Code	28000
● 4.060 H	The Pentagon Channel	28000
● 4.060 H	The Touch	28000
● 4.060 H	U/I Split /UIVoice	28000
● 4.060 H	Uninterruptable Voic	28000
● 4.060 H	Z-Rock (ABC Altern	28000
● 4.140 H	Crawford HD 1	29270

AMC 3
273.0 East (87.0 West)
AMC003CB



Freq Pol GHz	Channel Name	Symbol rate
3.719 H	Michigan Government	4167
3.732 H	APTN3 +442074827430	5632
3.744 H	Michigan Government	3520
3.810 V	A copy of A copy of	14000
3.810 V	A copy of Test Chann	14000
3.810 V	FSN alt programming	14000
3.810 V	MSC m	14000
3.810 V	MSC w	14000
3.830 V	BALT DMA Blackout	14000
3.830 V	CSN Alternate Channe	14000
3.830 V	CSN Alternate Channe	14000
3.830 V	CSN Baltimore	14000
3.830 V	CSN Baltimore 202	14000
3.830 V	CSN Beckley/Bluefi	14000
3.830 V	CSN Charlottesvill	14000
3.830 V	CSN Harrisburg Wiz	14000
3.830 V	CSN Harrisburg/Yor	14000
3.830 V	CSN Harrisonburg V	14000
3.830 V	CSN International/Ph	14000
3.830 V	CSN Media Pool	14000
3.830 V	CSN Norfolk VA	14000
3.830 V	CSN Philly, PA	14000
3.830 V	CSN Richmond VA	14000
3.830 V	CSN Roanoke VA	14000
3.830 V	CSN Salisbury	14000
3.830 V	CSN Tri-Cities VA	14000
3.830 V	CSN Washington	14000
3.830 V	Independance/Stuart	14000
3.837 H	Supercanal Caribe	3617
3.844 H	Horse Racing TV	3024
4.043 H	Ambassador 1	7140
4.043 H	Ambassador 2	7140
4.043 H	Focus on the Family	7140
4.043 H	Focus on the Family	7140
4.043 H	Focus on the Family	7140
4.043 H	Info Radio Net	7140
4.043 H	Moody Bible Radio 1	7140
4.043 H	Moody Bible Radio 2	7140
4.043 H	Salem Radio Network	7140
4.043 H	Salem Radio Network	7140
4.043 H	Salem Radio Network	7140
4.043 H	Salem Radio Network	7140
4.043 H	Salem Radio Network	7140
4.043 H	Salem Radio Network	7140
4.043 H	Data service	7140
4.106 H	ZNS TV Bahamas	6150
4.118 H	PBS NY	9300
4.118 H	WPIX	9300
4.118 H	WWOR	9300
4.118 H	DEFAULT	9300
4.132 H	WNET-TV	9300
4.140 V	CNBC	
4.174 H	SG Test Card	3024

AMC003KB

Freq Pol GHz	Channel Name	Symbol rate
●11.723 H		3675
11.736 V	AR/FRN	6102
11.736 V	ENGLISH	6102
11.736 V	INFO.	6102
11.736 V	UR/ENG	6102
11.736 V	URDU	6102
11.800 H	Unknown	30000
11.821 V	AR/FRN	10000
11.956 H	Entertainment,Reques	21000
11.956 H	Live Events	21000
11.956 H	Marketsource	21000
11.956 H	Newsource Main	21000
11.974 H	GPTV feeds (Channe	6000
12.009 V	AR/FRN	5000
12.098 V	Service 2	4340
12.140 V	Unknown	30000
12.144 H	Montana PBS Feed (	4340
12.157 H	Unknown	4444
12.169 H	Service 2 SD	4444
12.180 V	Unknown	30000

AMC 2
275.0 East (85.0 West)
AMC002KB

Freq Pol GHz	Channel Name	Symbol rate
12.196 H	Echostar Test Card	3979

Freq Pol GHz	Channel Name	Symbol rate
●11.987 H	SATELLINK	13021
●12.167 V	502-262-7148 SABI	12500
●12.186 H	STS 3 Encoder 1	14030

C-Band: BRASILSAT B3
276.0 East (84.0 West)
BRA0B3CN

Freq Pol GHz	Channel Name	Symbol rate
3.698 V	TV Catolica Cancao N	4280
3.698 V	Radio Cancao Nova	4280
3.700 V	TV Sul America	3333
3.705 H	TV SERRA DOURADA	4278
3.705 H	TV Serra Dourada	4278
3.710 V	Assemblia Sao Paulo	12960
3.710 V	Cine Brasil TV	12960
3.710 V	Teleconferencia Chan	12960
3.710 V	TV Cultura Sao Paulo	12960
3.710 V	TV Ra-Tim-Bum	12960
3.710 V	Radio Cultura AM	12960
3.710 V	Radio Cultura FM	12960
3.716 H	TV Grande Minas	4000
3.724 V	Radio Pentacostal De	2075
3.724 H	TV Mirante	4412
3.724 H	Mirante FM	4412
3.724 H	Disable Al	4412
3.724 H	Disable Vide	4412
3.724 H	MnSa	4412
3.732 V	audio	3214
3.732 V	TV Radio Clube	3214
3.736 H	TV Sul Fluminense	3330
3.736 H	Radio Sul Fluminense	3330
3.738 V	TV Morena	4708
3.745 V	Net Cable TV promo	3110
3.747 H	Canal Audio	4299
3.747 H	Rede Nacional	4299
3.753 H	RBA Sat	3563
3.753 H	Radio Clube - Belem	3563
3.754 V	Data service	5000
3.757 H	TV Cidade Verde	3563
3.765 H	TV Net	4285
3.765 H	TVE Bahia	4285
3.765 H	Radio Educadora FM	4285
3.765 H	Decoder OS Download	4285
3.768 V	Test Card	8000
3.768 V	Rede STV	8000
3.768 V	Teleconferencia	8000
3.769 H	TV Horizonte	3333
3.769 H	Radio Cultura AM	3333
3.776 H	TV Palmas	3327
3.781 V	TV Taroba	3330
3.791 V	TV Assembleia Legi	3330
3.825 H	Rede Mundial TV	3002
3.844 H	Feeds (NoName)	3213
3.848 H	Internacional	10127
3.848 H	Nacional	10127
3.848 H	Regional	10127
3.848 H	TV Cancao Nova (Inte	10127
3.848 H	TV Cancao Nova (Naci	10127
3.848 H	TV Cancao Nova (Regi	10127
3.856 H	Canal Audio	4295
3.856 H	Rede Nacional	4295
3.858 V	KTV	4289
3.858 V	Rio de Janeiro	4289
3.858 V	VIDEOCOM	4289
3.866 H	Record Belem	4423
3.866 H	Rede Record-PA	4423
3.871 H	Rede Record-RJ	4433
3.877 H	Rede Familia	4450
3.889 H	Rede Record-BA	4440
3.895 H	Rede Record-GO	4430
3.906 H	TV Gazeta	3929
3.911 V	TV Sul Bahia	3255
3.912 H	RD IELF-1	3617
3.912 H	RD IELF-2	3617
3.916 H	TV Campo Grande MS	3255
3.921 H	TV Genesis	3255
3.924 V	TV Damasio	1808
3.926 V	TV Aratu Da Bahia	3255
3.931 H	Galeria de Artes	3255
3.933 V	Bandeirantes - Bahia	3255
3.936 V	Medalhao Persa fe	3255
3.936 H	MEDALHAO PERSA-PR	3255
3.936 H	TV Exclusiva	3255
3.941 V	REDE SUPER	3255
3.941 V	Rede Super	3255
3.944 V	TV Assembleia Gaucha	1808
3.951 V	Rede Brasileira de I	4340
3.955 V	TV Tribuna	4340
3.967 V	Mix TV Regional	2170
3.970 V	5	4445
3.970 V	TV Educativa do Ri	4445
3.970 V	Radio FM Cultura 107	4445
3.986 V	Cine Brasil	3255
3.989 V	CBS TV	2666
4.013 V	TV Educativa	3255
4.054 V	Teve Shop Cachoeria	1287
4.060 V	TV Justica	3330
4.075 V	CNT	4444
4.087 H	Band 1	17200
4.087 H	Band 2	17200
4.087 H	Band News	17200
4.087 H	Band Sports	17200
4.087 H	Rede 21	17200
4.087 H	Band AM	17200
4.087 H	Band FM	17200
4.087 H	RADIO A	17200
4.087 H	RADIO B	17200
4.087 H	RADIO C	17200
4.087 H	RADIO D	17200
4.087 H	RADIO E	17200
4.133 V	TV Assembleia Legi	2531
4.151 H	Pucsat Rio Grande do	1808
4.153 V	Praetorium Sat	1851
4.155 V	Sexy TV	2169
4.155 V	SEXY TV	2169
4.167 H	TV Educon	3255
4.169 V	TV Basa	8140

BRA0B3CR

Freq Pol GHz	Channel Name	Symbol rate
3.688 V	Canal 21	2308
3.697 H	Rede Cig	1808

AMC 9
277.0 East (83.0 West)
AMC003KB

Freq Pol GHz	Channel Name	Symbol rate
11.725 H	Feed	4232
11.749 H	Feed (QWndberg Servi	4232
●11.752 H	Feed (DIGITAL SNG	4232
11.752 H	Feed (KNTV90 P1)	4232
●11.756 H	Feed (DIGITAL SNG	4232
11.756 H	Feed (KF0R SNG UN	4232
11.762 H	Feed (1)	4232
●11.762 H	Feed (DIGITAL SNG	4232
11.768 H	Feed (Tandberg Servi	4232
●11.772 H	Feed (AMC 9/3F)	4232
11.772 H	Feed (DIGITAL SNG	4232
11.774 H	Feed (AMC 9/3F)	4232
11.778 H	Feed (DIGITAL SNG	4232
11.790 H	Feed (WSMV)	4232
11.845 H	Feed	17800
12.040 H	Feed ({Empty Name})	30000

NIMIQ 2
278.0 East (82.0 West)
NIM002KB

Freq Pol GHz	Channel Name	Symbol rate
●12.224 R	CBCPG	20000
●12.224 R	COOL	20000
●12.224 R	FAIR	20000
12.224 R	Fairchild TV East	20000
12.224 R	Fairchild TV West	20000
●12.224 R	FAIRM	20000
●12.224 R	FAIRW	20000
●12.224 R	PUNCH	20000
●12.224 R	S+L	20000
●12.224 R	SLN	20000
●12.224 R	SLVSC	20000
●12.224 R	SOCCR	20000
●12.224 R	TALNT	20000
12.224 R	WCVB-DT	20000
12.253 R	Asian TV Network	20000
●12.253 R	ATN	20000
●12.253 R	BITE	20000
●12.253 R	CBCTB	20000
●12.253 R	CTVTB	20000
12.253 R	DW-TV	20000
●12.253 R	E!MTL	20000
●12.253 R	GMA	20000
●12.253 R	MILIT	20000
●12.253 R	Ntv	20000
12.253 R	PrideVision TV	20000
●12.253 R	SRC-E	20000
●12.253 R	TLNE	20000
12.253 R	WBZ-DT	20000
●12.282 R	CHAT	20000
●12.282 R	ERT	20000
●12.282 R	ODYS1	20000
●12.282 R	PHNIX	20000
●12.282 R	RTVi	20000
●12.282 R	RTVi+	20000
●12.282 R	Sony	20000
●12.282 R	TAMIL	20000
12.282 R	The Racing Network	20000
●12.282 R	TVI	20000
12.282 R	Vu TV 1	20000
12.282 R	WHDH-DT	20000
●12.282 R	91,9	20000
●12.282 R	DW-R1	20000
●12.282 R	DW-R2	20000
●12.282 R	POLR3	20000
12.282 R	Polskie Radio	20000
●12.311 R	TST1	20000
12.311 R	EWTN	20000
12.311 R	WFXT-DT	20000
●12.311 R	TST2	20000
●12.311 R	TST3	20000
●12.311 R	TST4	20000
●12.311 R	TST5	20000
●12.311 R	TST6	20000
●12.311 R	TST7	20000
●12.311 R	TST8	20000
●12.311 R	TST9	20000
12.326 L	Vu HD3	20000
12.326 L	Vu HD4	20000
●12.341 R	SRCHE	20000
●12.341 R	AOV	20000
●12.341 R	AOV-M	20000
12.341 R	WGBH-DT	20000
●12.341 R	GXY19	20000
●12.341 R	GXY25	20000
●12.341 R	GXY27	20000
●12.341 R	GXY35	20000
●12.341 R	GXY37	20000
●12.370 R	MLBH4	20000
●12.370 R	SNHD3	20000
12.370 R	KOMO-DT	20000
12.370 R	Test Card	20000
●12.399 R	CTYHE	20000
●12.399 R	FOXHW	20000
●12.399 R	FOXHW1	20000
●12.399 R	NBCHW	20000
12.399 R	KIRO-DT	20000
12.399 R	Mango	20000
●12.428 R	PBSHE	20000
●12.428 R	SHWHD	20000
●12.428 R	WGNHD	20000
12.428 R	KING-DT	20000
12.428 R	XPRS 2	20000
●12.443 L	M-HD	20000
●12.443 L	MCHD1	20000
●12.443 L	TSNHD	20000
12.443 L	BTV	20000
12.443 L	CPJC-TV	20000
12.443 L	XPRS 4	20000
12.443 L	DW Radio 1	20000
12.443 L	DW Radio 2	20000
12.443 L	Galaxie Celtic/Celti	20000
12.443 L	Galaxie Electronic	20000
12.443 L	Galaxie Latino Tropi	20000
12.443 L	Galaxie Opera Plus	20000
12.443 L	Galaxie Standards	20000
12.443 L	Pharmacie Jean Coutu	20000
12.443 L	Uniprix Radio	20000
●12.457 R	OASIS	20000
●12.457 R	SN-HD	20000
●12.457 R	TRESR	20000
12.457 R	Alpha	20000
12.457 R	KCPQ-DT	20000
12.457 R	XPRS Tests	20000
●12.486 R	MLBH1	20000
●12.486 R	MLBH2	20000
●12.486 R	MLBH3	20000
12.486 R	KCTS-DT	20000
12.486 R	OMNI2	20000
12.486 R	Saskatchewan Legisla	20000
●12.516 R	D-HD	20000
●12.516 R	SEHD	20000
●12.516 R	Z-HD	20000
12.516 R	CH Montreal	20000
12.516 R	Channel M	20000
12.516 R	Vu HD 2	20000
●12.545 R	NCAA7	20000
12.545 R	B4U	20000
12.545 R	CITY-DT	20000
12.545 R	TV Polonia	20000
●12.574 R	ABCHW	20000
●12.574 R	CTVHE	20000
12.574 R	M-HD	20000
12.574 R	MC-HD	20000
12.574 R	Tamil TV	20000
12.574 R	Vu HD 1	20000
●12.604 R	NHLH4	20000
●12.604 R	SENHD	20000
12.604 R	DIS HD	20000
12.604 R	TSN HD	20000
●12.677 L	CBSHE	20000
●12.677 L	CBSHE1	20000
●12.677 L	EQATR	20000
●12.677 L	HDVu3	20000
●12.677 L	VuHD3	20000
12.677 L	CFTK-TV	20000
12.677 L	Oddessy 1	20000
12.677 L	Oddessy 2	20000
12.677 L	Skywy	20000
12.677 L	Talentvision	20000
12.677 L	TRN Vu	20000
●12.677 L	VuFH1	20000

Freq Pol GHz	Channel Name	Symbol rate
●12.239 L	ALPHA	20000
●12.239 L	B4U	20000
●12.239 L	CBCTK	20000
●12.239 L	ChM-V	20000
●12.239 L	DW-TV	20000
●12.239 L	EWTN	20000
●12.239 L	HPI-C	20000
●12.239 L	HPI-I	20000
●12.239 L	HPI-W	20000
●12.239 L	MEGA	20000
●12.239 L	AMB	20000
●12.239 L	UPRIX	20000
●12.268 L	ARY	20000
●12.268 L	CBN	20000
●12.268 L	CKWS	20000
●12.268 L	CTV-K	20000
●12.268 L	GTV	20000
●12.268 L	NDTV	20000
●12.268 L	PRO	20000
●12.268 L	SKYTG	20000
●12.268 L	SKYWY	20000
●12.268 L	TvPOL	20000
●12.268 L	POLR1	20000
●12.297 L	VuTV2	20000
●12.297 L	iTV1	20000
●12.297 L	iTV10	20000
●12.297 L	iTV2	20000
●12.297 L	iTV3	20000
●12.297 L	iTV5	20000
●12.297 L	iTV7	20000
●12.297 L	iTV9	20000
●12.297 L	VuTV	20000
●12.297 L	VuTV5	20000
●12.297 L	iTV4	20000
●12.297 L	iTV6	20000
●12.355 L	SCHD2	20000
●12.355 L	SCRHD	20000
●12.384 L	VuFHD	20000
●12.384 L	DLRHD	20000
●12.384 L	HDVu1	20000
●12.384 L	HDVu2	20000
●12.384 L	VuHD1	20000
●12.384 L	VuHD2	20000
●12.414 L	APTNH	20000
●12.414 L	FOXHE	20000
●12.414 L	FOXHE1	20000
●12.414 L	NBCHE	20000
●12.472 L	M-HD	20000
●12.472 L	iTV8	20000
●12.501 L	ABCHE	20000
●12.501 L	MCHD2	20000
●12.501 L	MPXHD	20000
●12.501 L	RDSHD	20000
●12.530 L	TQSHD	20000
●12.530 L	TVAHD	20000
●12.559 L	DISHD	20000
●12.559 L	HDVu4	20000
●12.559 L	SCHD1	20000
●12.559 L	VuHD4	20000
●12.589 L	A&EHD	20000
●12.589 L	PBSHW	20000
●12.589 L	RUSH	20000
●12.603 R	NHLH4	20000
●12.603 R	SENHD	20000
●12.618 L	GEOHD	20000
●12.618 L	HDNET	20000
●12.618 L	SPDHD	20000
●12.632 R	HSTHD	20000
●12.632 R	S+HD	20000
●12.632 R	VIEHD	20000
●12.647 L	VRKHD	20000
●12.647 L	CBSHW	20000
●12.647 L	CBSHW1	20000
●12.647 L	GLBHE	20000
●12.661 R	CTVHW	20000
●12.661 R	RAPHD	20000
●12.661 R	VuHD	20000
●12.676 L	CBSHE	20000
●12.676 L	CBSHE1	20000
●12.676 L	EQATR	20000
●12.676 L	HDVu3	20000
●12.676 L	VuHD3	20000
●12.676 L	VuFH1	20000

AMC 5
281.0 East (79.0 West)
AMC005KB

Freq Pol GHz	Channel Name	Symbol rate
11.854 V	CBSLA-54P2	3979
11.854 V	KTVT PATH1	3979
11.854 V	KUTV	3979
11.854 V	NYN - 1	3979
11.854 V	SADIRAN SCOPUS	3979
11.854 V	Service 1	3979
11.854 V	Service 2	3979
11.854 V	STS 3 Encoder 1	3979
11.854 V	UNIT-25 PATH 1	3979
●11.854 V	WWL DLPU	3979
11.900 H	NYN - 1	2170
11.913 H	DCL-K2	6111
11.913 H	NYN - 1	6111
●11.913 H	Service 1	6111
11.939 H	CONTROL 1	6510
11.939 H	NYN - 1	6510
11.939 H	Sinclair News Centra	6510
12.033 V	Feed	3979
12.033 V	Feed (CNN Chicago)	3979
12.033 V	Feed (DIGITAL SNG	3979
12.033 V	Feed (SATELLINK)	3979
12.033 V	Feed (Service 2)	3979
12.038 V	Feed	3979
12.038 V	Feed (ID_Boise)	3979
12.038 V	Feed ({Empty Name})	3979
12.118 H	NYN - 1	14062
●12.152 H	ESPN 9 MEG Path 1	13000
12.152 H	NYN - 1	13000
12.182 H	NYN 4	23000
12.182 H	NYN 5	23000
12.182 H	NYN 6	23000
12.182 H	NYN 7	23000
12.182 H	NYN 8	23000
12.182 H	NYN - 1	23000
12.182 H	NYN - 2	23000
12.182 H	NYN - 3	23000
12.182 H	NYN - 4	23000
12.182 H	NYN - 5	23000
12.182 H	NYN - 6	23000
12.182 H	NYN - 7	23000
12.182 H	NYN - 8	23000
12.182 H	NYN - 9	23000
12.182 H	NYN 1	23000
12.182 H	NYN 2	23000
12.182 H	NYN 3	23000
12.182 H	NYN 9	23000

GALAXY 17
286.0 East (74.0 West)
SBS006VB

Freq Pol GHz	Channel Name	Symbol rate
11.733 H	Service 1	6616
11.796 V	OLN HD PRIMARY	24741
11.840 H	Unknown	30000
11.911 H	ENC 1	13235
11.911 H	ENC 2	13235
11.911 H	UFC64	13235
11.920 H	Feed	14143
11.936 V	Feed (Tribune 5/6)	4297
11.936 V	Feed ({Empty Name})	4297
11.952 H	Feed	3978
11.952 H	Feed (NEWS 12 WE	3978
11.954 V	Feed (KTLA Single	4297
11.954 V	Feed (WPIX KU 2 SA	4297
11.954 V	Feed ({Empty Name})	4297
11.958 V	Feed (Tribune 5/6)	4297
11.958 V	Feed (WPIX_TV)	4297
11.958 V	Feed ({Empty Name})	4297
11.959 H	CHEESESTEAK 1	13235
11.959 H	PSSI	13235
11.959 H	SCOPUS-NET-TECH	13235
11.959 H	Signal 3 Channel 3	13235
11.959 H	SURE SHOT ENC1	13235
11.964 V	Tribune DC	4297
11.975 H	Crawford T5_A	13235
11.975 H	Tandberg Service	13235
11.977 V	Feed	6111
11.977 V	Feed (Service 2)	6111
11.977 V	Feed (WTVT TAMPA)	3978
11.977 V	Feed ({Empty Name})	6111
11.979 H	Feed (NEWS 12 LI/1	3978
11.979 H	Feed (NEWS_12 _NJ)	3978
11.986 V	Feed	6111
11.987 H	Feed (NEWS 12 CT)	3978
11.987 H	Feed (WDAF SNG)	3978
12.000 H	Unknown	30000
12.002 V	NEW ORLEANS PATH	3200
12.009 V	SATOPS NETU15	6890
12.009 V	SATOPS NETU16	6890
12.009 V	SATOPS NETU18	6890
12.009 V	SATOPS NETU19	6890
12.029 H	Feed (Auto 9MHz)	4492
12.033 V	NBC Feed (AMC-1/9	4232
12.033 V	NBC Feed (NBC SAT	4232
12.033 V	NBC Feed (PEAK)	4232
12.033 V	NBC Feed (SATELLI	4232
12.037 H	Feed (DIRECT BR0A	4492

AMC 6
288.0 East (72.0 West)
AMC006CB

Freq Pol GHz	Channel Name	Symbol rate
3.934 V	WRBJ-TV	8681
3.934 V	WZRB-TV	8681
3.994 V	PA CABLE NETWORK	4167
● 4.040 V	HQ4	26665
● 4.040 V	HQ1	26665
● 4.040 V	HQ2	26665
● 4.040 V	HQ3	26665

Freq Pol GHz	Channel Name	Symbol rate
● 3.953 V	PA CABLE NETWORK	4167

NAHUEL 1A
288.2 East (71.8 West)
NAH001K1

Freq Pol GHz	Channel Name	Symbol rate
11.649 V	Canal 7	3700
11.680 V	La Pampa	3385
11.692 V	Canal 9	3385
11.692 V	TV Santa Cruz	3385
11.692 V	Radio Provincia Del	3385
11.817 V	Canal Rural Satelita	
11.865 H	Valparaiso Sporting	3000
11.954 V	Canal 10	17910
11.954 V	Monte Carlo TV	17910
11.954 V	Red de TV Color	17910
11.954 V	Teledoce	17910
11.954 V	TVE Internacional Am	17910
11.954 V	Tveo TV Nacional	17910
11.954 V	Concierto FM	17910
11.954 V	CX 6 Sodre	17910
11.954 V	Radio Carve	17910
11.954 V	Radio Cero	17910
11.954 V	X FM	17910
11.997 V	CM El Canal de la Mu	8476
11.997 V	Cronica TV	8476
12.180 V	Canal 7 Santiago	4201

NAH001K3

Freq Pol GHz	Channel Name	Symbol rate
11.478 V	TV Libre	2220
11.585 V	Canal 11	3700
11.603 V	Canal 27 Guatemala	3600
11.611 V	Unsion Equador	3400
11.626 V	Canal 48 Honduras	3600
11.633 V	Conexion 31 Promos	3600
11.633 V	Nahuel Promos	3600
11.675 V	TV Libre Uruguay	3600
11.708 V	Canal Rural Satelita	12000
11.708 V	Conexion Educativa	12000
11.708 V	Nahuel Promos	12000
11.708 V	SEMSAT - Sembrando	12000
11.722 H	IP/DVB	14403
11.739 V	Red Media Educativa	1482
11.949 H	Hipodromo	4688

C-Band: BRASILSAT B4
290.0 East (70.0 West)
BRA0B1CN

Freq Pol GHz	Channel Name	Symbol rate
3.720 H	Rede Globo	
3.734 V	SBT	
3.750 H	TVE Brasil	
3.750 H	Radio MEC	
3.770 H	TV Escola	
3.770 H	Radiobras	
3.780 V	Rede TV	
3.805 H	Rede Bandeirantes	
3.820 V	ACTION	27500
3.820 V	CULT	27500
3.820 V	EMOTION	27500
3.820 V	Feeds	27500
3.820 V	Multishow	27500
3.820 V	MULTISHOW	27500
3.820 V	PIPOCA	27500
3.820 V	PREMIERE4	27500
3.820 V	PREMIUM	27500
3.820 V	Telecine Action	27500
3.820 V	Telecine Classic	27500
3.820 V	Telecine Emotion	27500
3.820 V	Telecine Happy	27500
3.820 V	Telecine Premium	27500
3.820 V	CCP DOWNLOAD	27500
3.820 V	DCP DOWNLOAD	27500
3.820 V	VC for ENC1P10	27500
3.820 V	VC for ENC1P8	27500
3.820 V	VC for ENC1P9	27500
3.820 V	BSR_HESR DOWNLOAD	27500
3.820 V	CCP Download (sistem	27500
3.820 V	DCP Download (sistem	27500
3.830 H	RTVE Parana	
3.830 H	Educativa FM	
3.850 H	TV Polishop	
3.860 V	Rede Record	
3.860 V	Radio Pentecostal	
3.870 H	Canal Do Boi	
3.870 H	Radio Boa Nova	
3.875 V	TV RECORD SP	5926
3.890 H	Rede Vida	
3.900 V	BRASIL	27500
3.900 V	Canal Brazil	27500
3.900 V	feeds	27500
3.900 V	Feeds	27500
3.900 V	Globo News	27500
3.900 V	GLOBONEWS	27500
3.900 V	GNT	27500
3.900 V	PREMIERE5	27500
3.900 V	PREMIERE6	27500
3.900 V	Sexy Hot	27500
3.900 V	SEXYHOT	27500
3.900 V	UNIVERSAL	27500
3.900 V	USA Network Brazil	27500
3.900 V	VC for ENC2P10	27500
3.900 V	VC for ENC2P8	27500
3.900 V	VC for ENC2P9	27500
3.900 V	CCP Download (sistem	27500
3.900 V	DCP Download (sistem	27500
3.910 H	TV Jockey	
3.930 H	Feed	
3.940 V	CANAL 7	27500
3.940 V	Feeds	27500
3.940 V	Premiere 1	27500
3.940 V	Premiere 2	27500
3.940 V	Premiere 3	27500
3.940 V	SporTV	27500
3.940 V	CANAL 6	27500
3.940 V	CCP Download (sistem	27500
3.940 V	DCP Download (sistem	27500
3.940 V	A copy of PREMIER	27500
3.940 V	A copy of PREMIER	27500
3.940 V	BSR_HESR Download	27500
3.940 V	CCP Download	27500
3.940 V	DCP Download (sistem	27500
3.955 H	TV Ceara-Educativa	4400
3.964 H	TV MUNDO MAIOR	1328
3.965 V	TV ESCOLA	2930
3.965 V	TV Escola	2930
3.973 V	Biblioteca Digital M	4030
3.978 V	Cine Brasil	1220
3.979 V	CBED CH2	3616
3.979 V	REDE CBED	3616
3.981 V	TV CBED	1808
3.984 H	Rede Nacional	1808
3.984 H	Test Card	1808

Freq Pol GHz	Channel Name	Symbol rate
4.010 H	ESPN Brasil	13021
4.010 H	ESPN Brasil Altern	13021
4.010 H	MTV 2	13021
4.010 H	MTV Brasil	13021
4.010 V	RIT - Rede Interna	
4.030 V	NBR TV	
4.040 H	Animal Planet	30000
4.040 H	Band News	30000
4.040 H	Band Sports	30000
4.040 H	Boomerang	30000
4.040 H	Canal Brasil	30000
4.040 H	Cartoon Network	30000
4.040 H	Discovery Channel	30000
4.040 H	Discovery Kids	30000
4.040 H	People & Arts	30000
4.040 H	TCM	30000
4.040 H	Teste	30000
4.040 H	TNT	30000
4.040 H	Climatempo	30000
4.047 V	TV Amazonas	7150
4.047 V	Amazon Sat	7150
4.047 V	Amazonas FM	7150
4.066 V	TV Cancao Nova	
4.066 V	Radio Cancao Nova	
4.070 H	TV Diario	
4.090 V	Canal Futura	
4.090 H	TV Camara	
4.110 V	ShopTime	
4.110 H	TV Gazeta	
4.130 V	TV Cultura	
4.130 H	TV Senado	
4.130 H	Radio Cancao Nova	
4.150 V	Rede Mulher	
4.150 H	TV Seculo 21	
4.170 V	Amazon Sat	
4.170 H	Canal Rural	
4.170 H	Radio Rural AM	
4.190 V	Agro Canal Tests	

BRA0B1CR

Freq Pol GHz	Channel Name	Symbol rate
3.628 H	TV Camara	3000
3.628 H	Radio Camara FM	3000
3.634 H	TV Seculo 21	4500
3.642 H	NGT	3263
3.645 V	TV Senado	3213
3.645 V	Radio Senado FM	3213
3.648 H	TV Liberal	4285
3.648 H	Canal dois (AM/FM)	4285
3.648 H	Radio Liberal AM	4285
3.648 H	Radio Liberal FM	4285
3.650 V	Rede Transporte	4400
3.656 H	TV Brasil Central	3392
3.656 V	TV Meio Norte	4463
3.656 H	Empty audio channel	3392
3.656 V	Radio Brasil Sat	4463
3.656 V	Radio Brasil Sat FM	4463
3.656 V	Disable Al	4463
3.656 V	Disable Vide	4463
3.656 V	MnSa	4463
3.663 V	Unnamed	4607
3.663 V	TV Bahia	4607
3.663 V	Rede Tropicalsat	4607
3.665 H	Rede Bandeirantes Mi	4700
3.665 H	Band FM de Minas Ger	4700
3.672 V	TV Alterosa	8454
3.672 H	TV Centro America	4713
3.672 V	Radio Guarani FM	8454
3.672 V	canal 4 enc 2	8454
3.672 V	Data Service	8454
3.680 H	Rede Globo Minas Ger	6000
3.685 H	Rede Vida Feeds	4500
3.688 H	Rede Globo Sao Paolo	6000
3.696 H	Rede Minas	3598
3.696 H	Radio Inconfidencia	3598
3.703 V	TV Difusora do Maran	3250
3.703 V	Difusora FM-AM	3250
3.708 V	TV Mirante	3250
3.708 V	Radio Mirante AM	3250
3.708 V	Radio Mirante FM	3250
3.708 V	COMSAT DVS	3250
3.714 V	Rede Record Minas Ge	4400
3.714 V	Service 1	4400
3.714 V	Rede Aleluia Minas G	4400
3.752 V	SBT	6220

C-Band: BRASILSAT B2
295.0 East (65.0 West)
BRA0B2CN

Freq Pol GHz	Channel Name	Symbol rate
3.706 H	BAND Pres.Prudente	2462
3.721 H	TV BB 1	2963
3.721 H	TV Banco do Brasil C	2963
3.736 H	Service 2	4285
3.736 H	Radio Boas Novas	4285
3.746 H	RBN-REDE	3540
3.746 H	Rede Boas Novas	3540
3.766 H	Canal Futura	3335
3.766 H	Service 1	3335
3.792 V	Radio Gazeta	3393
3.792 V	TV Gazeta MT	3393
3.847 H	TV Tibagi	4444
3.864 H	Canal do Boi Sertaoz	3214
3.876 V	NBR TV	4688
3.876 V	Radio Nacional AM	4688
3.876 V	Radio Nacional FM	4688
3.877 V	TV TAROBA	2740
3.884 H	BAND Presidente Pr	2800
4.008 H	TV Rodolink	3332
4.012 V	AOL	5000
4.105 V	CANAL DO BOI - 2T	4285
4.112 V	NoName	4285

ESTRELA DO SUL 1
297.0 East (63.0 West)
EST001KB

Freq Pol GHz	Channel Name	Symbol rate
11.955 H	CPC - Curso Prepar	2199
12.088 H	LORAL BR	3214

ECHOSTAR 3, RAINBOW 1
298.5 East (61.5 West)
ECH003KB

Freq Pol GHz	Channel Name	Symbol rate
12.239 L	BSN - Busch Satell	20000
12.239 L	WGGS-TV (TBN)	20000
12.239 L	WNTV-TV Greenville	20000
●12.297 L	RAPTR	20000
●12.297 L	BluVu	20000
●12.297 L	COSMO	20000
●12.297 L	CRKT	20000
●12.297 L	IFC	20000
●12.297 L	MLB4	20000
●12.297 L	PHDIS	20000
12.297 L	Phoenix Chinese	20000
●12.297 L	LSCR	20000
●12.297 L	XPRS*	20000
●12.297 L	XPRS2	20000
●12.297 L	DiTV	20000
●12.297 L	GGiTV	20000
●12.297 L	GJTVi	20000
●12.297 L	IFEED	20000
●12.297 L	MINIKIDS	20000
●12.297 L	Mnply	20000
12.326 L	ARYDI	20000
12.326 L	B4UMU	20000
●12.326 L	CCTV4	20000
12.326 L	DUBAI	20000
12.326 L	ESC-1	20000
12.326 L	FUTUR	20000
12.326 L	IQRAA	20000
12.326 L	ITVN	20000
12.326 L	LEOWD	20000
12.326 L	NILE	20000
12.326 L	PTV	20000
12.326 L	SPORT	20000
●12.326 L	STAR+	20000
●12.355 L	3ABN	20000
●12.355 L	ALMA	20000
●12.355 L	ARTS	20000
●12.355 L	EDUCA	20000
●12.355 L	FPCHN	20000
●12.355 L	GEONW	20000

TV Digital — **Radio** Digital — **TV** Digital Crypt — **Radio** Digital Crypt — **TV** High Definition — **TV** High Definition Crypt — **Data** Channel — **TV** Analog — **Radio** Analog

Freq GHz	Pol	Channel Name	Symbol rate
●12.355	L	GLBL1	20000
●12.355	L	GSN	20000
●12.355	L	HHS	20000
●12.355	L	ISMOV	20000
●12.355	L	NBN	20000
●12.355	L	PFC	20000
●12.355	L	STARF	20000
12.384	L	AAJTK	20000
●12.384	L	ANTEN	20000
●12.384	L	ANTGO	20000
12.384	L	ARTSP	20000
12.384	L	HT	20000
●12.384	L	INDMU	20000
●12.384	L	INDVI	20000
12.384	L	K TV	20000
12.384	L	SAMAY	20000
12.384	L	SHARA	20000
12.384	L	TELSD	20000
12.384	L	TRACE	20000
12.384	L	ZEESA	20000
●12.384	L	ANTRA	20000
●12.384	L	SSPFM	20000
12.414	L	BSN	20000
12.414	L	ERT	20000
12.414	L	EURNS	20000
12.414	L	HTBA	20000
12.414	L	KINO	20000
12.414	L	NEWTV	20000
12.414	L	RTVI	20000
12.414	L	RTVI+	20000
●12.414	L	STAR1	20000
12.414	L	TVCI	20000
12.414	L	TVN24	20000
●12.414	L	D61.5	20000
12.414	L	ERA-5	20000
12.414	L	NT105	20000
12.428	R	RAI	20000
12.443	L	WJAR	20000
12.443	L	WLNE	20000
12.443	L	WLWC	20000
12.443	L	WNAC	20000
12.443	L	WPRI	20000
12.443	L	WSBE	20000
12.472	L	ABUDA	20000
●12.472	L	BRDGS	20000
12.472	L	GLOBO	20000
12.472	L	KBS	20000
12.472	L	NORST	20000
12.472	L	RBTI	20000
12.472	L	RCORD	20000
12.472	L	SET	20000
12.472	L	SETA	20000
12.472	L	SETMX	20000
12.472	L	SUNTV	20000
12.472	L	TVASA	20000
12.472	L	TVJPN	20000
12.472	L	ERASP	20000
●12.501	L	BOLD	20000
●12.501	L	CFJC	20000
●12.501	L	CMDYW	20000
●12.501	L	DvCom	20000
●12.501	L	RCVu1	20000
●12.501	L	RCVu1*	20000
●12.501	L	RCVu2	20000
●12.501	L	RCVu2*	20000
●12.501	L	SCRM	20000
●12.501	L	SPEED	20000
●12.501	L	TROPW	20000
●12.501	L	VIBE	20000
●12.501	L	Vu20	20000
●12.501	L	W	20000
12.501	L	WCBS-DT	20000
12.501	L	WHTN-TV	20000
12.501	L	WJFB-TV	20000
●12.501	L	YTV-E	20000
●12.501	L	FAN	20000
●12.530	L	ANQ	20000
●12.530	L	CAN-E	20000
●12.530	L	CAN-S	20000
●12.530	L	LCN	20000
●12.530	L	SRC-M	20000
●12.530	L	TELEQ	20000
●12.530	L	TQS-M	20000
●12.530	L	TVA-M	20000
●12.530	L	TVA-O	20000
12.530	L	WFDC-TV	20000
12.530	L	WGBX-TV	20000
12.530	L	WHAG-TV	20000
12.530	L	WHUT-TV	20000
12.530	L	WLLA-TV	20000
12.530	L	WNDS-TV	20000
12.530	L	WNVC-TV	20000
12.530	L	WNVT-TV	20000
12.530	L	WUNI-TV	20000
12.530	L	WUTF-TV	20000
12.530	L	WYDN-TV	20000
●12.530	L	CC-M	20000
●12.530	L	CJAD	20000
●12.530	L	CJPX	20000
●12.530	L	CKAC	20000
●12.530	L	PC-M	20000
●12.530	L	iTRIV_AP	20000
●12.530	L	NTNS	20000
●12.530	L	OFFR1	20000
●12.530	L	OFFR1*	20000
●12.530	L	OFFR2	20000
●12.530	L	OFFR2*	20000
●12.530	L	RG3	20000
●12.530	L	RG7	20000
●12.545	R	APUNJ	20000
12.545	R	BTV	20000
12.545	R	ECC	20000
●12.545	R	PAEC	20000
●12.545	R	PBS	20000
12.545	R	PPV	20000
12.545	R	SPORT	20000
●12.545	R	ZGUJ	20000
12.545	R	INFO	20000
●12.574	R	Vu3	20000
●12.574	R	CBS-E	20000
●12.574	R	D-KDS	20000
●12.574	R	DvGLB	20000
●12.574	R	GLB-V	20000
●12.574	R	LEAFS	20000
●12.574	R	M-ESC	20000
●12.574	R	MLB2	20000
●12.574	R	MUCH	20000
●12.574	R	Vu1	20000
●12.574	R	Vu5	20000
●12.574	R	VuF5	20000
●12.574	R	GXY34	20000
●12.574	R	GXY40	20000
●12.574	R	GXY41	20000
●12.574	R	GXY42	20000
●12.574	R	GXY44	20000
●12.574	R	iWEAS	20000
●12.574	R	iWTHR_AP	20000
●12.574	R	THEME	20000
12.603	R	ALARA	20000
12.603	R	ART	20000
12.603	R	ARTMV	20000
12.603	R	ATV	20000
12.603	R	B4U	20000
12.603	R	ISRLI	20000
12.603	R	MLODY	20000
12.603	R	PHNIX	20000
●12.603	R	PNTGN	20000
12.603	R	TV5	20000
12.603	R	ZCINE	20000
12.603	R	ZEETV	20000
12.603	R	ARTMU	20000
12.603	R	ASIFM	20000
12.603	R	CLEUR	20000
12.603	R	ZIKR	20000
●12.618	L	ACTN	20000
●12.618	L	CHEX	20000
●12.618	L	DIVA	20000
●12.618	L	DRVin	20000
●12.618	L	FineL	20000
●12.618	L	FTV	20000
●12.618	L	NHLVu	20000
●12.618	L	PEACH	20000
●12.618	L	RCVu6	20000
●12.618	L	RCVu6*	20000
●12.618	L	RCVu7	20000
●12.618	L	RCVu7*	20000
12.618	L	Showtime HDTV East	20000
●12.618	L	TFO	20000
●12.618	L	Vu16	20000
●12.618	L	AM640	20000
●12.632	R	ALJAZ	20000
12.632	R	GEOTV	20000
●12.632	R	LBC	20000
●12.632	R	MBC	20000
12.632	R	PLSAT	20000
12.632	R	RTPI	20000
12.632	R	DNL	20000
12.632	R	DNL10	20000
●12.632	R	DNL11	20000
●12.632	R	DNL12	20000
12.632	R	DNL3	20000
12.632	R	DNL5	20000
12.632	R	DNL6	20000
12.632	R	DNL7	20000
12.632	R	DNL8	20000
12.632	R	DNL9	20000
12.632	R	SSD	20000
12.632	R	WB200	20000
12.632	R	WBSTR	20000
●12.661	R	AAGTV	20000
●12.661	R	ARYOW	20000
●12.661	R	BLUE	20000
●12.661	R	DANDA	20000
●12.661	R	DUBSP	20000
●12.661	R	FPCHN	20000
●12.661	R	HKYAT	20000
●12.661	R	INTER	20000
●12.661	R	MUSIK	20000
●12.661	R	QTV	20000
●12.661	R	SICNO	20000
●12.661	R	SPT	20000
●12.661	R	ZOOM	20000
●12.661	R	RYTHM	20000
●12.676	L	ADR	20000
●12.676	L	SRCSh	20000
●12.676	L	TQS-Q	20000
●12.676	L	TQSRL	20000
●12.676	L	TQSSa	20000
●12.676	L	TQSSh	20000
●12.676	L	TVA-Q	20000
●12.676	L	TVARL	20000
●12.676	L	TVARN	20000
●12.676	L	GXY12	20000

Freq GHz	Pol	Channel Name	Symbol rate
●12.676	L	GXY13	20000
●12.676	L	GXY14	20000
●12.676	L	GXY22	20000
●12.676	L	GXY24	20000
●12.676	L	GXY6	20000
●12.676	L	MOVIE	20000
●12.676	L	NFLi	20000
●12.676	L	Rdiag	20000
●12.676	L	SLP	20000

AMAZONAS
299.0 East (61.0 West)

AMA001CB

Freq GHz	Pol	Channel Name	Symbol rate
3.980	H	EL TRECE	3330
4.133	H	TV Palavra	2400
4.138	H	TV CIDADE	3410

AMA001EU

Freq GHz	Pol	Channel Name	Symbol rate
12.563	V	Data service	27000

AMA001KB

Freq GHz	Pol	Channel Name	Symbol rate
11.055	H	Tadiran Scopus	30000
11.055	H	FLS Service	30000
11.055	H	RCS Map Service	30000
11.097	V	Curso Prima 1	9090
11.097	V	Curso Prima 2	9090
11.097	V	Curso Prima 3	9090
11.097	V	Curso Prima 4	9090
11.113	V	TV Bromelia	2310

AMA001KS

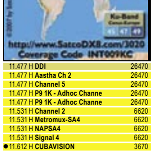
Freq GHz	Pol	Channel Name	Symbol rate
11.737	H	AE MUNDO	43200
11.737	H	Canal 13	43200
11.737	H	Canal 13 (Cable)	43200
11.737	H	Cartoon Network	43200
11.737	H	CDF	43200
11.737	H	CHV	43200
11.737	H	Cinemax	43200
11.737	H	Discovery Kids	43200
11.737	H	E! Entertainment	43200
11.737	H	HBO	43200
11.737	H	HBO+	43200
11.737	H	LA RED	43200
11.737	H	MEGA	43200
11.737	H	TVN	43200
11.737	H	AE MUNDO	43200
11.737	H	Cinecanal 2	43200
11.737	H	CINEMAX	43200
11.737	H	Fox Sport Premium	43200
11.737	H	HBO	43200
11.737	H	HBO OESTE	43200
11.737	H	HBO+	43200
11.737	H	MAX Prime	43200
11.737	H	Movie City	43200
11.972	V	)ETTD-2 C2 GDA	27500
12.132	H	Discovery Health	30000
12.132	H	El Goumert	30000
12.132	H	Eurochannel	30000
12.132	H	Fox Channel	30000
12.132	H	Grandes Documentales	30000
12.132	H	HIPICA	30000
12.132	H	History Channel	30000
12.132	H	I-Sat	30000
12.132	H	Jetix	30000
12.132	H	MTV	30000
12.132	H	National Geographic	30000
12.132	H	Nickelodeon	30000
12.132	H	People and Arts	30000
12.132	H	Retrochannel	30000
12.132	H	Space	30000
12.132	H	Travel and Living	30000
12.132	H	TVE	30000
12.132	H	Utilisima	30000
12.172	H	Animal Planet	30000
12.172	H	AXN	30000
12.172	H	Cartoon Network	30000
12.172	H	Cine Canal	30000
12.172	H	CNN en Espanol	30000
12.172	H	Discovery Channel	30000
12.172	H	Disney Channel	30000
12.172	H	E! Entertainment	30000
12.172	H	ESPN	30000
12.172	H	ESPN+	30000
12.172	H	Fox Sport	30000
12.172	H	Play Boy TV	30000
12.172	H	SONY	30000
12.172	H	The Film Zone	30000
12.172	H	TNT	30000
12.172	H	Universal	30000
12.172	H	Warner	30000

AMA001SN

Freq GHz	Pol	Channel Name	Symbol rate
12.092	H	AE MUNDO	30000
12.092	H	CANAL 13	30000
12.092	H	CANAL 13 CABLE	30000
12.092	H	CDF	30000
12.092	H	CHV	30000
12.092	H	Cinecanal 2	30000
12.092	H	CINEMAX	30000
12.092	H	DISCOVERY KIDS	30000
12.092	H	Fox Sport Premium	30000
12.092	H	HBO	30000
12.092	H	HBO OESTE	30000
12.092	H	HBO+	30000
12.092	H	LA RED	30000
12.092	H	MAX Prime	30000
12.092	H	MEGA	30000
12.092	H	Movie City	30000
12.092	H	TVN	30000

INTELSAT 9
302.0 East (58.0 West)

INT009KC



Freq GHz	Pol	Channel Name	Symbol rate
11.477	H	DDI	26470
11.477	H	Aastha Ch 2	26470
11.477	H	Channel 5	26470
11.477	H	P9 1K - Adhoc Channe	26470
11.477	H	P9 1K - Adhoc Channe	26470
11.531	H	Channel 2	6620
11.531	H	Metromux-SA4	6620
11.531	H	NAPSA4	6620
11.531	H	Signal 4	6620
●11.612	H	CUBAVISION	3670

C-Band: INTELSAT 9
302.1 East (57.9 West)

INT009CA

Freq GHz	Pol	Channel Name	Symbol rate
3.720	H	Canal 52	19510
3.720	V	Canal Fox (Andean)	27700
3.720	V	Canal Fox (Andean/AC	27700
3.720	V	Canal Fox (Brazil)	27700
3.720	V	Canal Fox (Brazil/AC	27700
3.720	V	Canal Fox (Central)	27700
3.720	V	Canal Fox (Central/A	27700
3.720	V	Canal Fox (East)	27700
3.720	V	Canal Fox (East/AC3)	27700
3.720	V	Canal Fox (West)	27700
3.720	V	Canal Fox (West/AC3)	27700
3.720	H	Cino Latino	19510
3.720	H	Exa TV	19510
3.720	V	Feeds (FOX ADHOC)	27700
3.720	V	FX (Brazil)	27700
3.720	V	FX Latin	27700
3.720	V	FX Latin (AC3)	27700
3.720	H	Hallmark Channel Mex	19510
3.720	H	MVS Empresarial	19510
3.720	V	National Geographic	27700
3.720	V	National Geographic	27700
3.720	V	National Geographic	27700
3.720	V	National Geographi	27700
3.720	V	Speed (Latin America	27700
3.720	V	SPEED LATIN AMERI	27700
3.720	H	TV Guide	19510
3.720	H	USA America Latina	19510
3.720	V	USA Network (Latin)	27700
3.720	V	USA Network (Latin	27700
3.720	V	OS Download	27700
3.760	H	CC ANIV	28500
3.760	V	Channel 30	27684
3.760	H	Cinecanal	28500
3.760	H	Cinecanal 2	28500
3.760	H	Cinecanal Este	28500
3.760	H	Cinecanal Oeste	28500
3.760	V	Cl@se Brasil	27684
3.760	V	FTV	27684
3.760	V	FTV Port	27684
3.760	V	FTV VZLA	27684
3.760	V	HTV	27684
3.760	V	I-Sat	27684
3.760	V	Infinito Latino	27684
3.760	V	Infinito Por	27684
3.760	V	Infinito Sur	27684
3.760	V	Infinito USA	27684
3.760	V	Locomotion Latin	27684
3.760	V	Luna Vision 2	27684
3.760	H	Movie City Este	28500
3.760	H	Movie City Oeste	28500
3.760	V	Much Music	27684
3.760	V	MUCH VZLA	27684
3.760	V	PB Digital +	27684
3.760	V	PB Iberia	27684
3.760	V	PB Latino	27684
3.760	V	PB Latino Port	27684
3.760	V	Playboy Brasil 2	27684
3.760	V	Playboy Digital +	27684
3.760	V	Playboy Latino 2	27684
3.760	V	Playboy TV (Brasil M	27684
3.760	V	Playboy TV (Brasil)	27684
3.760	V	Playboy TV (Iberia)	27684
3.760	V	Playboy TV (Latin Am	27684
3.760	V	Playboy TV (Latin Am	27684
3.760	V	Retro	27684
3.760	V	Retro Port	27684
3.760	V	Space	27684
3.760	V	Test card	27684
3.760	H	The Film Zone Este	28500
3.760	H	The Film Zone Oeste	28500
3.760	V	Utilisima	27684
3.760	V	Utilisima Cue	27684
3.760	V	Venevision Continent	27684
3.760	V	Venus NTSC	27684
3.760	V	Venus PAL	27684
3.760	V	Venus Por	27684
3.760	H	CC ANIV	28500
3.760	H	CineCanal Classics p	28500
3.760	V	Prueba	27684
3.760	V	Utilisima Satelital	27684
3.760	H	CC CLASSICS	28500
3.760	H	CC2	28500
3.760	H	CCE ENC1P3 AC3	28500
3.760	H	CCP OS DOWNLOAD	28500
3.760	H	CCPAL ENC1P4 AC3	28500
3.760	H	CCW ENC1P2 AC3	28500
3.760	H	DCP OS DOWNLOAD	28500
3.760	V	Default	27684
3.760	H	MCE ENC1P6 AC3	28500
3.760	H	MCW ENC1P5 AC3	28500
3.760	H	MKT	28500
3.760	V	os downloader	27684
3.760	V	Spare	27684
3.760	H	TFZE ENC1P7 AC3	28500
3.760	H	TFZW	28500
3.760	H	TFZW ENC1P8	28500
3.786	H	Canal Caracol altern	4443
3.786	H	Canal Caracol Nacion	4443
3.800	V	!Regional Network/Oc	26470
3.800	V	!Regional Network/Oc	26470
3.800	V	ESPN 2	26470
3.800	V	ESPN Atlantic Netw	26470
3.800	V	ESPN Brazil	26470
3.800	V	ESPN feeds (Syndic	26470
3.800	V	ESPN Latin Network	26470
3.800	V	ESPN Pacific Rim N	26470
3.800	H	Feeds	27680
3.800	H	Paris Premiere	27680
3.800	V	Syndication PAL	26470
3.800	V	Temp ESPN	26470
3.800	V	Temp ESPN2	26470
3.800	V	Temp-Atlantic	26470
3.800	V	Temp-Pac Rim	26470
3.800	V	Temp-Synd-NTSC	26470
3.800	H	Test Card	27680
3.800	V	Test enc-10	26470
3.800	H	Zee TV Africa	27680
3.800	V	Temp-Synd-Pal	26470
3.800	V	Test enc-9	26470
3.800	V	I-Net Radio	26470
3.800	V	CCP Download 2.40	26470
3.800	V	Download	26470
3.808	H	CRI Radio	3428
3.808	H	Data Service	3428
3.815	H	Movida TV	3950
3.815	H	Onda TV	3950
3.840	H	BBC World (North A	27684
3.840	H	BBC World (South A	27684
3.840	V	Bloomberg TV (Asia-P	27690
3.840	V	Eurochannel	27690
3.840	H	German Television	27684
3.840	V	MGM Gold	27690
3.840	V	Telemundo Internacio	27690
3.840	H	Zee TV	27684
3.840	H	ADHOC 1	27684
3.840	V	Adhoc 2 - MM1P4	27690
3.840	H	CCP D9223 Decoder	27684
3.840	H	Cubavision	27684
3.840	H	DCP D9223 Decoder	27684
3.840	H	Deutsche Welle TV (A	27684
3.840	H	EWTN	27684
3.840	H	Feeds (ADHOC 2)	27684
3.840	V	Guatevision	27690
3.840	V	OPEN MM1P4	27690
3.840	H	Deutsche Welle - 1	27684
3.840	H	Deutsche Welle - 2	27684
3.840	H	Deutsche Welle - 7	27684
3.840	H	EWTN Radio	27684
3.840	H	EWTN Radio PAZ	27684
3.840	H	CCP R1 D9224 Decod	27684
3.840	H	CCP R3 D9224 Decod	27684
3.840	H	DCP R1 D9224 Decod	27684
3.840	H	DCP R3 D9224 Decod	27684
3.840	H	Upgrade D9850	27684
3.840	V	Vista-MuliThematique	27690
3.880	V	Animal Planet (Brasi	27684
3.880	V	Bert	27684
3.880	V	Civilization (SPN)	27684
3.880	V	Civilization Eng/E	27684
3.880	V	Discovery Channel (B	27684
3.880	V	Discovery Channel (I	27684
3.880	V	Discovery Channel (V	27684
3.880	V	Discovery Health (Br	27684
3.880	V	Discovery Health Bra	27684
3.880	V	Discovery Kids (Bras	27684
3.880	V	Discovery Travel & A	27684
3.880	V	People & Arts (Brasi	27684
3.880	V	People & Arts (Iberi	27684
3.880	V	People and Arts (Mex	27684
3.880	V	Science (POR)	27684
3.880	V	Science (POR) Digita	27684
3.880	V	Science (SPN) Cast	27684
3.880	V	Science English/En	27684
3.880	V	Turbo (POR)	27684
3.880	V	Turbo (POR) Digital	27684
3.880	V	Turbo (SPN) Cast/C	27684
3.880	V	Turbo English/Engl	27684
3.880	H	Adhoc Chanel 7	27684
3.880	H	Arirang TV World 2	27684
3.880	H	CCP Copy of 6	27684
3.880	H	CCTV 3	27684
3.880	H	CCTV 4	27684
3.880	H	CCTV 9	27684
3.880	H	DCP copy of 6	27684
3.880	H	Feeds	27684
3.880	H	HSER Upgrade	27684
3.880	H	MM Channel	27684
3.880	H	Test Card	27684
3.880	H	YTN	27684
3.880	V	Decoder OS	27684
3.880	V	Sig 1 Channel 1	27684
3.911	V	Fox Sports Basico	13330
3.911	V	Fox Sports Basico	13330
3.911	V	FOX SPORTS CONO S	13330
3.911	V	Fox Sports Premium	13330
3.911	V	Fox Sports Premium	13330
3.924	V	Enlace Juvenil	6620
3.924	V	TBN Enlace	6620
3.924	V	Enlace Radio	6620
3.924	V	SE RADIO	6620
3.933	V	3ABN	7000
3.933	V	3ABN Cue Tones	7000
3.933	V	3ABN Radio	7000
3.933	V	Radio 74	7000
3.933	V	WDQN	7000
4.000	H	BBC World	27690
4.000	H	BBC World (Latin A	27690
4.000	H	German TV	27690
4.000	H	Paris Premiere	27690
4.000	H	Zee TV	27690
4.000	H	Deutsche Welle TV	27690
4.000	H	RTP International	27690
4.000	H	Test Card	27690
4.000	H	Deutsche Welle 1	27690
4.000	H	Deutsche Welle 2	27690
4.000	H	Deutsche Welle 7	27690
4.000	H	RDP 1	27690
4.000	H	Renascenca Canal 1	27690
4.000	H	RTP	27690
4.080	H	!Central Europe Emer	27684
4.080	H	Copy AsiaPac NTSC	27684
4.080	H	Hallmark Channel (Ar	27684
4.080	H	Hallmark Channel (Br	27684
4.080	H	Hallmark Channel (Is	27684
4.080	H	Hallmark Channel (La	27684
4.080	H	Hallmark Channel (Me	27684
4.080	H	Hallmark Channel (Ru	27684
4.080	H	Hallmark Channel (Sc	27684
4.080	H	Hallmark Channel (UK	27684
4.080	V	MTV	27690
4.080	V	MTV (South)	27690
4.080	V	MTV Central	27690
4.080	V	MTV Central (Andean)	27690
4.080	V	MTV Central (Caribe	27690
4.080	V	MTV Central (Chile)	27690
4.080	V	MTV Central (Colombi	27690
4.080	V	MTV Central (Venezue	27690
4.080	V	MTV North (Mexico)	27690
4.080	V	Nickelodeon (Andean)	27690
4.080	V	Nickelodeon (Argenti	27690
4.080	V	Nickelodeon (Brasil)	27690
4.080	V	Nickelodeon (Caribbe	27690
4.080	V	Nickelodeon (Central	27690
4.080	V	Nickelodeon (Chile)	27690
4.080	V	Nickelodeon (Colombi	27690
4.080	V	Nickelodeon (Mexico)	27690
4.080	V	Nickelodeon (Venezue	27690
4.080	H	Primary Argentina 2P	27684
4.080	H	Primary Brazil Encod	27684
4.080	H	Primary Mexico Encod	27684
4.080	H	PrimaryLatAmPanReg	27684
4.080	H	Test Asia	27684
4.080	V	VH1	27690
4.080	V	VH1 Latino	27690
4.080	H	Download Channel 1 S	27684
4.080	H	Download Channel 2 S	27684
4.107	H	1 Nacional	6620
4.107	H	2 Internacional	6620
4.107	H	3 Servicios	6620
4.107	H	Data service	6620
4.120	V	Al Arabiyah	27500
4.120	V	Al Jazeera	27500
4.120	V	ART Australia	27500
4.120	V	Art Global America	27500
4.120	V	ART Latino	27500
4.120	V	Art Movies Ameica	27500
4.120	V	Iqraa Channel	27500
4.120	V	Kuwait TV	27500
4.120	V	LBC America	27500
4.120	V	LBC Australia	27500
4.120	V	Leonardo World	27500
4.120	V	MBC Europe	27500
4.120	V	NBN	27500
4.120	V	RAI International	27500
4.120	V	Video Italia	27500
4.120	V	NourSat	27500
4.120	V	Radio Italia	27500
4.120	V	Radio Italia Anni 60	27500
4.120	V	Radio2 Moro	27500
4.120	V	RAI Radio (Australia	27500
4.120	V	Antenna 1 97.1 FM	27500
4.120	V	ART Al Ddkir Chann	27500
4.120	V	ART Music Channel	27500
4.120	V	RAI International	27500
4.120	V	dsd	27500
4.123	H	CTNi	2222
4.127	H	Bethel TV	3273
4.137	H	Family Christian Net	3675
4.137	H	FCN	2941
4.143	V	Feeds	2205
4.157	H	Feeds (Sersat)	6500
4.160	V	La Cadena del Milagr	3000

C-Band: INTELSAT 805
304.5 East (55.5 West)

INT805HB

Freq GHz	Pol	Channel Name	Symbol rate
● 3.451	H	EADCON-1	4444
● 3.451	H	EADCON-2	4444
● 3.466	V	IMC2 TEST CHANN	4340
● 3.466	V	FSC JAMAICA	4340
● 3.667	H	EDUCON - LAPA	3300
● 3.675	V	A.D.venir (digital)	2660
3.677	H	Perú Mágico	4232
● 3.735	V	SPORTSMAX	8680
● 3.735	V	IMC	8680
● 3.735	V	RE TV	8680
● 3.751	V	APTN3 +442074827430	5632
● 3.768	H	Latin America	4427
● 3.776	H	ATV	7400
● 3.776	H	Global TV	7400
● 3.776	H	{Empty}	7400
3.912	V	TV VAT AM	1808
● 3.936	H	BBC Amer Feed 1	3255
● 3.936	H	BBC Amer Feed 2	3255
● 3.936	H	BBC Amer Feed 3	3255
● 3.936	H	BBC Amer Feed 4	3255
● 3.936	H	BBC Arabic	3255
● 3.936	H	BBC Brazil	3255
● 3.936	H	BBC English (Amer.)	3255
● 3.936	H	BBC English (Carib.)	3255
● 3.936	H	BBC English News	3255
● 3.936	H	BBC Spanish	3255
● 3.999	V	Telemedia 1	5200
● 3.999	V	Telemedia 2	5200
● 3.999	V	{Empty}	5200
● 4.027	V	CANAL 1 INTERNACI	3000
● 4.080	V	RTPi America	4340
● 4.080	V	Radio RDP Internacio	4340
4.084	H	CANAL 3 GUATEMALA	10318
4.084	H	Feed Guatemala	10318
4.084	H	TELE-ONCE	10318
4.084	H	TELEVISIETE	10318
4.084	H	TRECEVISION	10318
4.084	H	RADIO ALFA	10318
4.084	H	RADIO FIESTA	10318
4.084	H	RADIO GALAXIA	10318
4.084	H	RADIO RANCHERA	10318
4.084	H	RADIO SONORA	10318
4.084	H	RADIO TROPICALIDA	10318
● 4.097	H	CANAL 10	5247
● 4.097	H	CANAL 4	5247
4.105	H	Canal 11	5062
4.105	H	Canal 6 CR	5062
4.105	H	Radio Z FM	5062
● 4.134	H	GI UPGD S/W	6111
● 4.134	H	GLOBO INTERNACION	6111
● 4.134	H	GLOBO INTERNATION	6111
● 4.134	H	GLOBO INTERNATION	6111
● 4.140	V	AUDIO TEST	4700
● 4.140	V	FRECUENCIA LATINA	4700
4.158	H	PERU TV AQP	1446
● 4.177	V	MTV CENTRAL	27690
● 4.177	V	MTV CENTRAL - COP	27690
● 4.177	V	MTV CENTRAL - COP	27690
● 4.177	V	MTV CENTRAL - COP	27690
● 4.177	V	MTV CENTRAL - COP	27690
● 4.177	V	MTV CENTRAL CHILE	27690
● 4.177	V	MTV H	27690
● 4.177	V	MTV J	27690
● 4.177	V	MTV NORTH (MEXICO	27690
● 4.177	V	MTV SOUTH (ARGENT	27690
● 4.177	V	NICK (BRAZIL)	27690
● 4.177	V	NICK NORTH (MEXIC	27690
● 4.177	V	NICK NORTH - COPY	27690
● 4.177	V	NICK NORTH - COPY	27690
● 4.177	V	NICK NORTH - COPY	27690
● 4.177	V	NICK NORTH - COPY	27690
● 4.177	V	NICK SOUTH (ARGEN	27690
● 4.177	V	NICK SOUTH (CHILE	27690
● 4.177	V	NICK SOUTH -COPY	27690
● 4.177	V	Test 9	27690
● 4.177	V	VH-1 LATINO (PANR	27690
● 4.177	V	VH1 LATINO CENTRA	27690
● 4.177	V	VH1 Latino South (	27690
● 4.177	V	VH1 SL	27690
● 4.177	V	VH1L B	27690

INTELSAT 707
307.0 East (53.0 West)

INT707CA

Freq GHz	Pol	Channel Name	Symbol rate
4.135	L	Alef Network	4300

INT707EH

Freq GHz	Pol	Channel Name	Symbol rate
3.831	R	ORTB	2711
3.856	R	AFRICABLE	3906

INT707KA

Freq GHz	Pol	Channel Name	Symbol rate
11.875	V	TV Senado	2344
11.891	V	Entel Mux	19510

INT707WH

Freq GHz	Pol	Channel Name	Symbol rate
3.820	R	Sports Max	3255

C-Band: INTELSAT 705
310.0 East (50.0 West)

INT705CG

Freq GHz	Pol	Channel Name	Symbol rate
4.126	L	RCTV Venezuela	6113
4.126	L	Radio Caracas	6113

INT705EH

Freq GHz	Pol	Channel Name	Symbol rate
4.071	L	TVes	4600

INT705WH

Freq GHz	Pol	Channel Name	Symbol rate
3.911	R	Red Television	3617
3.917	R	Tele Canal	4087

INTELSAT 1R
315.0 East (45.0 West)

INT01RAH

Freq GHz	Pol	Channel Name	Symbol rate
11.790	V	TV Huascaran	10000
11.790	V	Data service	10000
11.807	H	TV Pan	4777
11.807	H	TV Mulher & Mãe	4777
11.808	V	Canal 51 CMT	4444

INT01REH

Freq GHz	Pol	Channel Name	Symbol rate
11.496	V	NetBySat	7590
11.510	H	CCTV 4	26694
11.510	H	CCTV E&F	26694

C-Band: INTELSAT 1R
315.1 East (44.9 West)

INT01REA

Freq GHz	Pol	Channel Name	Symbol rate
3.825	H	Deus e amor Infocard	2075
3.825	H	Deus e amor Radio	2075
3.940	H	Data service	14280

INT01RUV

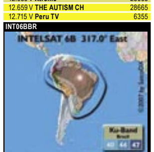
Freq GHz	Pol	Channel Name	Symbol rate
3.742	V	Aldeia FM	4445
3.742	V	TV Aldeia	4445
3.760	V	Telefuturo (left aud	2941
3.764	V	Canal 5 El Lider	4963
3.764	V	Telecadena 7 y 4	4963
3.773	V	Canal 45 Teleradio A	3000
3.773	V	Hola Gente TV	3000
3.781	V	Telecentro	3750
3.869	H	Gamavision	3515
3.869	H	GAMAVISION ECUADO	3515
3.910	V	CMC TELEVISION	4410
4.040	V	CTC-Mundo	4347
4.071	V	UCV TV	2615
4.096	H	Education A Distanci	8102
4.096	H	Radio Nacional del P	8102
4.106	V	Televicentro	14450
4.106	V	Tu Universo Televisi	14450
4.106	V	WKAQ-TV	14450
4.106	V	WLII-TV	14450
4.192	H	Deus e Amor	2075

INTELSAT 3R,11
317.0 East (43.0 West)

INT03REU

Freq GHz	Pol	Channel Name	Symbol rate
12.568	H	Aapna Desi	2170
12.584	V	Clasico TV	27500
12.584	V	De Pelicula	27500
12.584	V	Galavision	27500
12.584	V	Promocion	27500
12.584	V	Ritmoson	27500
12.584	V	Telehit	27500
12.584	V	Telenovelas	27500
●12.588	H	C essentiel	2480
12.607	V	Tvsa Int Europa	6250
12.618	V	XEW-TV-2	1560
12.651	H	Fox News	30800
12.651	H	ADHOC 22	30800
12.651	H	ADHOC 24	30800
12.651	H	EWTN 1	30800
12.651	H	EWTN 2	30800
12.651	H	Fox sports	30800
●12.651	H	VC 30 Open	30800
12.659	V	Buzz	28665
12.659	V	Cinematk	28665
12.659	V	CineStar	28665
12.659	V	Dark	28665
12.659	V	Kitz	28665
12.659	V	MGM	28665
12.659	V	Natura	28665
12.659	V	Pacha	28665
12.659	V	Somos	28665
12.659	V	Xtreme	28665
12.659	V	THE AUTISM CH	28665
12.715	V	Peru TV	6355

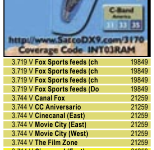
INT06BBR



Freq GHz	Pol	Channel Name	Symbol rate
10.722	H	Artear Virtual 1	30000
10.722	H	Artear Virtual 2	30000
10.722	H	Artear Virtual 3	30000
10.722	H	Canal 10 Roca	30000
10.722	H	Canal 13	30000
10.722	H	EPTV	30000
10.722	H	ESPN Brasil	30000
10.722	H	Magazine	30000
10.722	H	Pacote UFC	30000
10.722	H	RBS TV	30000
10.722	H	Rede Globo	30000
10.722	H	Sky Premiere	30000
10.722	H	TC Classic	30000
10.722	H	The Weather Channel	30000
10.722	H	Todo Noticias	30000
10.722	H	TV Bahia	30000
10.722	H	TV Escola	30000
10.722	H	TV Vanguarda	30000
10.722	H	TyC Inter. NTSC	30000
10.722	H	TyC Inter. PAL	30000
10.722	H	TyC Max	30000
10.722	H	TyC Sports	30000
10.722	H	TyC Virtual	30000
10.722	H	Volver	30000
10.722	H	Globo AM	30000
10.722	H	Radio France Interna	30000
10.722	H	Radio Mitre	30000
10.722	H	1620DL	30000
10.722	H	885	30000
10.722	V	Data service	30000
10.722	H	Esoterico	30000
10.722	H	GalerYKS	30000
10.722	H	iFUTEBOL	30000
10.722	H	iTV GAMES	30000
10.722	H	iTV Loterias	30000
10.722	H	MOSAICO iTV	30000
10.722	H	SKY	30000
10.722	H	SKY Store	30000
10.802	V	Futura	30000
10.802	V	Globo News	30000
10.802	V	Globo RJ	30000
10.802	V	GNT	30000
10.802	V	Multishow	30000
10.802	V	Shoptime	30000
10.802	H	Sky	30000
10.802	H	Sky Premiere	30000
10.802	V	SporTV	30000
10.802	H	Telecine Happy	30000
10.802	V	Telecine Premium	30000
10.802	H	TV Senado	30000
10.802	V	USA Network	30000
10.802	H	Sky Premiere	30000
10.802	V	Anos 60	30000
10.802	V	Axe	30000
10.802	V	Baladas Romanticas	30000
10.802	H	Blues	30000
10.802	H	Bossa Nova	30000
10.802	H	Country	30000
10.802	H	Disco	30000
10.802	H	Globo FM	30000
10.802	H	Grandes Intérpretes	30000
10.802	H	Heavy Metal	30000
10.802	H	Jazz Classico	30000
10.802	H	Pop Teen	30000
10.802	H	Rhythm & Blues	30000
10.802	V	Rock	30000
10.802	V	Samba e Pagode	30000
10.802	V	Sucessos	30000
10.802	V	Trilhas Sonoras	30000
10.802	H	Data Service	30000
10.802	V	Data service	30000
10.802	H	Data Service	30000
10.802	V	iTV:Esportes	30000
10.802	H	MOSAICO	30000
10.802	H	MOSAICO 1	30000
10.802	V	MOSAICO ESPECIAL	30000
10.882	V	Boomerang	30000
10.882	V	Canal Brasil	30000
10.882	V	Canal Rural	30000
10.882	H	Central Nacional de	30000
10.882	H	Globo SP	30000
10.882	H	MTV Brasil	30000
10.882	H	National Geographic	30000
10.882	H	Rede STV	30000
10.882	H	Rede Vida	30000
10.882	V	Sexy Hot	30000
10.882	H	Telecine Action	30000
10.882	H	Telecine Emotion	30000
10.882	V	TV Camara	30000
10.882	V	TV Escola	30000
10.882	H	TV Justica	30000
10.882	V	TV Senado	30000
10.882	V	Anos 70	30000
10.882	V	BBC World Service	30000
10.882	V	Gospel	30000
10.882	V	Hip Hop	30000
10.882	H	Jovem Pan 2 FM	30000
10.882	H	Jovem Pan AM	30000
10.882	V	MPB	30000
10.882	H	Radio Clube do Para	30000
10.882	H	Radio Gaucha	30000
10.882	V	Rave	30000
10.882	V	Reggae	30000
10.882	V	Rock Classico	30000
10.882	V	Sertanejo	30000
10.882	V	Voice of America	30000
10.882	H	Data service	30000
10.882	H	MOSAICO	30000
10.882	V	MOSAICO 2	30000
10.882	V	MOSAICO 3	30000
10.882	V	MOSAICO 4	30000
10.882	V	YKS	30000

C-Band: INTELSAT 3R
317.1 East (42.9 West)

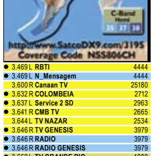
INT03RAM



Freq GHz	Pol	Channel Name	Symbol rate
3.719	V	Fox Sports feeds (ch	19849
3.719	V	Fox Sports feeds (ch	19849
3.719	V	Fox Sports feeds (ch	19849
3.719	V	Fox Sports feeds (Do	19849
3.744	V	Canal Fox	21259
3.744	V	CC Aniversario	21259
3.744	V	Cinecanal (East)	21259
3.744	V	Movie City (East)	21259
3.744	V	Movie City (West)	21259
3.744	V	The Film Zone	21259
3.744	V	Cinecanal (East)	21259
3.744	V	MKT Channel	21259
3.744	V	CCP Download	21259
3.744	V	DCP Download	21259
3.785	H	Boomerang (Brazil)	30800
3.785	H	Boomerang (Latin Ame	30800
3.785	H	Boomerang (Latin Ame	30800
3.785	H	Cartoon Network (Bra	30800
3.785	H	Cartoon Network (Bra	30800
3.785	H	Cartoon Network (Bra	30800
3.785	H	Cartoon Network (Lat	30800
3.785	H	Cartoon Network (Lat	30800
3.785	H	Cartoon Network (Lat	30800
3.785	H	Cartoon Network (Lat	30800
3.785	H	Cartoon Network (Lat	30800
3.785	H	Cartoon Network (Lat	30800
3.785	H	Cartoon Network (Lat	30800
3.785	H	TCM (Latin America)	30800
3.785	H	TCM LA	30800
3.785	H	TEN Confidence Feed	30800
3.785	H	TNT (Brazil)	30800
3.785	H	TNT (Chile)	30800
3.785	H	TNT (Latin America	30800
3.785	H	TNT (Latin America	30800
3.785	H	TNT (Latin America	30800
3.785	H	TNT (Latin America	30800
3.785	H	TNT (Latin America	30800
3.785	H	Toon-Tina	30800
3.785	H	Toon-Tina (left audi	30800
3.785	H	Toon-Tina (right aud	30800
3.785	H	CCP download channel	30800
3.785	H	DCP download Channel	30800
3.785	H	Default	30800
3.840	V	Fashion TV (Latin Am	27684
3.840	V	I-sat	27684
3.840	V	Infinito	27684
3.840	V	MuchMusic	27684
3.840	V	Retro	27684
3.840	V	Space	27684
3.840	V	Utilisima Satelital	27684
3.840	V	Venus	27684
3.840	V	Venus Latino	27684
3.840	V	LunaVision	27684
3.840	V	PRUEBA	27684
3.840	V	UTILISIMA CUE	27684
3.846	H	Test card	30800
3.846	H	Bloomberg TV Brasil	30800
3.846	H	CNBC	30800
3.846	H	Feeds (Adhoc)	30800
3.846	H	Open VC#2	30800
3.846	H	Test card	30800
3.846	H	TYC Sports - MM#2	30800
3.846	H	BBC Radio Service	30800
3.846	H	CCP Upgrade	30800
3.846	H	DCP Upgrade	30800
3.846	H	PreVue Data	30800
3.846	H	Test channel	30800
3.856	V	Boomerang (Brazil)	30800
3.856	V	Boomerang (Latin Ame	30800
3.856	V	TCM (Latin America)	30800
3.856	V	TNT (Brazil)	30800
3.856	V	TNT (Chile)	30800
3.856	V	TNT (Latin America	30800
3.856	V	TNT (Latin America)	30800
3.856	V	TNT (Mexico)	30800
3.856	V	Toon-Tina	30800
3.856	V	Toon-Tina (Brazil)	30800
3.856	V	Toon-Tina (Latin Ame	30800
3.856	V	Toon-Tina (Mexico)	30800
3.856	V	Test card	30800
3.856	V	CCP Download	30800
3.856	V	DCP Download	30800
3.868	V	Feeds (Adhoc)	6620
3.872	H	Panamsat test card	6620
3.872	H	CCP Upgrade	6620
3.872	H	Channel 101 alternat	6620
3.872	H	DCP Upgrade	6620
3.887	H	Televisa Feed	5715
3.889	H	Protele	7812
3.891	V	Feeds	6111
3.906	V	TV Azteca	13239
3.910	V	Globecast feeds	5632
3.930	V	Feeds (OTI#1)	25000
3.937	H	Feeds (TELEVISA F	3906
3.944	H	Feeds (Service 1)	5710
3.946	V	Feeds (Service 2)	2592
3.958	V	TV 5 Amerique Latine	6500
3.968	H	De Pelicula	21090
3.968	H	Estrellas	21090
3.968	H	Ritmoson	21090
3.968	H	Telehit	21090
3.968	H	Telenovelas	21090
3.968	H	Data service	21090
3.971	H	enc3p1 dig Port	13800
3.971	H	enc3p1 dig Sp	13800
3.971	H	enc3p1 Port	13800
3.971	H	enc3p1 Sp	13800
3.971	H	enc3p2 dig Port	13800
3.971	H	enc3p2 dig Sp	13800
3.971	H	enc3p2 Port	13800
3.971	H	enc3p2 Sp	13800
3.971	H	enc3p3 dig Port	13800
3.971	H	enc3p3 dig Sp	13800
3.971	H	enc3p3 Port	13800
3.971	H	enc3p3 Sp	13800
3.971	H	enc3p4 dig Port	13800
3.971	H	enc3p4 dig Sp	13800
3.971	H	enc3p4 Port	13800
3.971	H	enc3p4 Sp	13800
3.971	H	enc3p5 dig Port	13800
3.971	H	enc3p5 dig Sp	13800
3.971	H	enc3p5 Port	13800
3.971	H	enc3p5 Sp	13800
3.971	H	enc3p6 dig Port	13800
3.971	H	enc3p6 dig Sp	13800
3.971	H	enc3p6 Port	13800
3.971	H	enc3p6 Sp	13800
3.971	H	enc3p7 dig Port	13800
3.971	H	enc3p7 dig Sp	13800
3.971	H	enc3p7 Port	13800
3.971	H	enc3p7 Sp	13800
3.971	H	enc3p8 dig Port	13800
3.971	H	enc3p8 dig Sp	13800
3.971	H	enc3p8 Port	13800
3.971	H	enc3p8 Sp	13800
3.971	H	enc3p9 dig Port	13800
3.971	H	enc3p9 dig Sp	13800
3.971	H	enc3p9 Port	13800
3.971	H	enc3p9 Sp	13800
3.988	V	Bloomberg (Latin Ame	4070
3.988	V	BLOOMBERG ASIA	4070
3.988	V	BLOOMBERG LATIN A	4070
3.988	V	NHK MONITOR RETUR	4070
3.988	V	NY TO ATL ADHOC 1	4070
3.988	V	NY TO ATL ADHOC 2	4070
3.988	V	NY TO ATL ADHOC 3	4070
3.996	H	Animal Planet	21090
3.996	H	Discovery Channel (A	21090
3.996	H	Discovery Channel (L	21090
3.996	H	Discovery Channel (M	21090
3.996	H	Discovery Health (La	21090
3.996	H	Discovery Kids (Lati	21090
3.996	H	People and Arts (Arg	21090
3.996	H	People and Arts (Lat	21090
3.996	H	Adtec	21090
3.996	H	Data channel	21090
3.996	H	PAS3 (Signal 2 and 3	21090
4.003	V	TV Azteca	6620
4.041	H	CNN en Espanol	30800
4.041	H	CNN en Espanol (Mexi	30800
4.041	H	CNN International	30800
4.041	H	CNN Mexico	30800
4.041	H	CNN Newsource	30800
4.041	H	CNN Spanish Radio	30800
4.041	H	CNNe Espanol	30800
4.041	H	CNNe Brazil	30800
4.041	H	CNNfn/CNN Headline	30800
4.041	H	CNNI Latin America	30800
4.041	H	HLN Asia	30800
4.041	H	International News S	30800
4.041	H	SAG Path 1	30800
4.041	H	SAG Path 2	30800
4.041	H	CNN en Espanol (Braz	30800
4.041	H	CNN Radio	30800
4.041	H	DEFAULT	30800
4.106	V	!Regional Network/Oc	26470
4.106	V	!Regional Network/Oc	26470
4.106	V	ESPN	26470
4.106	V	ESPN (Atlantic)	26470
4.106	V	ESPN (Brazil)	26470
4.106	V	ESPN (Latin A)	26470
4.106	V	ESPN (Latin B)	26470
4.106	V	ESPN (Pac Rim)	26470
4.106	V	ESPN 2	26470
4.106	V	ESPN feeds (Syndic	26470
4.106	V	Syndication NTSC	26470
4.106	V	Temp ESPN	26470
4.106	V	Temp ESPN2	26470
4.106	V	Temp-Atlantic	26470
4.106	V	Temp-Pac Rim	26470
4.106	V	Temp-Synd-NTSC	26470
4.106	V	Temp-Synd-Pal	26470
4.106	V	Test enc-10	26470
4.106	V	Test enc-9	26470
4.106	V	I-Net Radio	26470
4.106	V	CCP Download 2.40	26470
4.106	V	Download	26470
4.151	H	Artear Virtual 1	24570
4.151	H	Artear Virtual 2	24570
4.151	H	Artear Virtual 3	24570
4.151	H	Canal 10 Roca	24570
4.151	H	Canal 13	24570
4.151	H	Magazine	24570
4.151	H	Todo Noticias	24570
4.151	H	TyC Inter. NTSC	24570
4.151	H	TyC Inter. PAL	24570
4.151	H	TyC Max	24570
4.151	H	TyC Sports	24570
4.151	H	TyC Virtual	24570
4.151	H	Volver	24570
4.151	H	Fm 100	24570
4.151	H	Radio Mitre	24570

C-Band: NSS 806
319.5 East (40.5 West)

NSS806CH



Freq GHz	Pol	Channel Name	Symbol rate
● 3.469	L	RBTI	4444
● 3.469	L	N_Mensagem	4444
3.600	R	Canaan TV	25180
● 3.632	R	COLOMBEIA	2712
● 3.637	L	Service 2 SD	2963
● 3.641	R	CMB TV	2665
3.644	L	TV NAZAR	2534
● 3.646	R	TV GENESIS	3979
● 3.646	R	RADIO	3979
● 3.646	R	RADIO GENESIS	3979
● 3.652	L	TV GRANDE RIO	4000
● 3.652	L	GRANDE RIO FM	4000
3.654	R	TV ASA BRANCA	5924
3.660	L	America Television	4350
● 3.660	R	ECUATV	2540
3.663	R	TV	2170
● 3.675	L	NT ESPAN	5900
● 3.675	L	NT PORT.	5900
● 3.675	L	RNT ESP.	5900
● 3.675	L	RNT POR.	5900
● 3.679	R	TELEGRACIA	2220
3.685	L	default program	6500
● 3.685	R	RADIOLA	6666
● 3.685	R	TV CENTRO	6666
● 3.691	R	Cinema	2203
● 3.725	R	Feed 1 (A 24)	26667
● 3.725	R	Feed 1 (A.Sports)	26667
● 3.725	R	Feed 1 (America Int	26667
● 3.725	R	Feed 1 (America Rep	26667
● 3.725	R	Feed 1 (America2)	26667
● 3.725	R	Feed 1 (Canal 9)	26667
● 3.725	R	Feed 1 (El Garage T	26667
● 3.725	R	Feed 1 (Europa)	26667
● 3.725	R	Feed 1 (Eventos)	26667
3.725	R	Feed 1 (Feed 1)	26667
● 3.727	L	Baby TV	26670
● 3.727	L	FOX Life Latin	26670
● 3.727	L	FX Central	26670
● 3.727	L	FX Latin	26670
● 3.727	L	FX PAL	26670
● 3.727	L	ManagemenTV Bra	26670
● 3.727	L	Utilisima Cue	26670
● 3.727	L	Utilisima Satelital	26670
● 3.727	L	Management TV Latam	26670
● 3.727	L	NAT GEO Music	26670
● 3.727	L	Universal Channel PA	26670
3.758	R	Canal (a)	26667
3.758	R	Cosmo NTSC	26667
3.758	R	Cosmo Pal	26667
3.758	R	ElGarage TV	26667
3.758	R	ElGourmet NTSC	26667
3.758	R	ElGourmet PAL	26667
● 3.758	L	ESPN + NTSC	20000
● 3.758	L	ESPN + PAL	20000
● 3.758	L	ESPN Latin NTSC	20000
● 3.758	L	ESPN Latin PAL	20000
3.758	R	Europa-Europa	26667
3.758	R	Feed I	26667
3.758	R	Film&Arts Por	26667
3.758	R	Film&Arts Spa	26667
3.758	R	Reality TV	26667
3.758	R	Rock & Pop	26667
● 3.758	L	Virtual Channel 4	20000
3.774	L	Argentinisima	6670
3.774	L	La Red	6670
3.774	L	Libre	6670
3.774	L	Radio Del Plata	6670
3.774	L	Sist. Nac. Medios Pu	6670
3.774	L	Test	6670
3.803	R	AdHoc 03	26855
3.803	L	SIC TV	27500
3.803	L	WSG 1	27500
3.803	L	WSG 2	27500
3.803	L	WSG 4	27500
3.803	R	AdHoc	26855
3.803	R	AdHoc 02	26855
3.803	R	CL@SE	26855
3.803	R	Daystar	26855
3.803	L	DUNA TV	27500
3.803	L	ERT	27500
3.803	R	GOL TV	26855
3.803	R	Maharishi University	26855
● 3.803	R	Rede Gospel	26855
3.803	L	RFI Espanol-Fran	27500
3.803	L	RFI Espanol-Mus	27500
3.803	L	RFI Francais	27500
3.803	L	RFI La Paz	27500
3.803	L	RFI Langues-Div	27500
3.803	L	RFI Langues1	27500
3.803	L	RFI Langues2	27500
3.803	L	RFI Music	27500
3.803	L	RFI Portugues-Fran	27500
3.803	L	RFI Portugues-Mus	27500
3.803	L	Russia Today	27500
3.803	L	WSG 3	27500
3.803	R	CCP Download	26855
3.803	R	D9225 Download	26855
3.803	R	DCP Download	26855
3.803	R	MetOpera	26855
3.803	L	RFI Afrique	27500
3.803	L	RFI Antilles	27500
3.803	L	RFI Bogota	27500
3.803	L	RFI Canada	27500
● 3.803	L	RFI Cuenca	27500
3.803	L	RFI Direct Brazil	27500
3.803	L	RFI Direct Latin	27500
3.803	L	RFI Jamaique	27500
● 3.803	L	RFI Langues3	27500
3.803	L	RFI Langues4	27500
3.803	L	RFI RMC	27500
3.803	L	RFI St Domingue	27500
● 3.803	L	RFI Test	27500
3.803	L	EUMETSAT	27500
3.803	L	FILEAS Amerique	27500
3.803	L	LOREAL Amerique	27500
3.803	L	PMI NSS File	27500
3.803	L	PMI NSS streaming	27500
● 3.855	L	Fox News Latin	5900
● 3.855	L	SPEED East Imitext	5900
● 3.855	L	SPEED Latin Americ	5900
● 3.857	R	SUPER LAND	6650
● 3.857	R	SUPER SHOW	6650
● 3.857	R	SUPERIOR	6650
● 3.859	L	SCOPUS-NET-TECH	2600
3.879	R	Venevision Venezuela	22115
3.879	R	CANAL DE NOTICIAS	22115
3.879	R	Meridiano TV	22115
3.879	R	Programacion Globovi	22115
3.879	R	Programacion VTV	22115
3.879	R	PUMA TV	22115
● 3.879	R	TOTE NETWORK	22115
3.879	R	Vision Venezuela V	22115
● 3.879	R	Circuito Alianza	22115
3.879	R	Circuito CNB FM 10	22115
3.879	R	Circuito Triple F	22115
3.879	R	Download Upgrade	22115
3.879	R	RNV Clasico	22115
3.879	R	RNV Informativo	22115
3.879	R	RNV Juvenil	22115
3.899	R	INH La Rinconada	4195
● 3.899	R	INSTITUTO NACIONA	4195
● 3.920	R	BFBS 1	20000
● 3.920	R	BFBS 2	20000
● 3.920	R	BFBS 4	20000
● 3.920	R	BFBS 5	20000
● 3.920	R	R2 WORLD	20000
● 3.920	R	BELIZE	20000
● 3.920	R	BFBS UK	20000
● 3.920	R	CANADA	20000
● 3.920	R	FALKLANDS	20000
● 3.920	R	GURKHA	20000
3.923	L	GLOBOSAT 11 ENC2P	27500
3.923	L	GLOBOSAT 13 ENC2P	27500
● 3.923	L	GLOBOSAT 14 ENC2P	27500
3.923	L	GLOBOSAT 17 ENC2P	27500
3.923	L	PFCI	27500
3.923	L	TVGI EUROPA	27500
3.923	L	GLOBOSAT 12 ENC2P	27500
● 3.938	R	HUMOR CHANNEL	4785
● 3.972	L	Cadeia-1	3330
3.978	L	TV BRASIL	3979
● 3.980	R	Ch. 305 - Test	17800
● 3.980	R	Ch. 306 - Test	17800
● 3.980	R	Ch. 320 - LA1-2, LA3	17800
● 3.980	R	Ch. 321 - LA1-2, LA3	17800
● 3.980	R	Ch. 322 - LA1-2, LA3	17800
● 3.980	R	Ch. 323 - LA1-2, LA	17800
● 3.980	R	Ch. 324 - LA5-6, LA7	17800
● 3.980	R	Ch. 325 - LA7-8, LA5	17800
● 3.980	R	Ch. 328 - LA1 - LA8	17800
● 3.980	R	Ch. 330 - LA5-6, LA1	17800
● 3.980	R	Ch. 331 - LA5-6, LA1	17800
● 3.980	R	Ch. 332 - LA5-6, LA1	17800
● 3.980	R	Ch. 333 - LA11-12, L	17800
● 3.980	R	Ch. 334 - LA11-12, L	17800
● 3.980	R	Ch. 335 - LA13-14, L	17800
● 3.980	R	Ch. 338 - LA5-6, LA1	17800
● 3.980	R	Ch. 339 - LA9-10 P	17800
● 3.980	R	Ch. 340 - Dedicated	17800
● 3.980	R	Ch. 350 - LA25-26, L	17800
● 3.980	R	Ch. 380 - Alternate	17800
● 3.980	R	Ch. 8 - OS Downloa	17800
● 3.980	R	Ch. 9 - OS Downloa	17800
● 3.980	R	DEFAULT	17800
● 3.980	R	Ch. 336 - LA21-22, L	17800
● 3.980	R	Ch. 351 - LA29-30, L	17800
3.982	L	CANAL 26	2222
3.986	L	INTERNACIONAL	3180
3.986	L	RADIO AM	3180
3.991	L	San Isidro feeds (Sa	3578
4.002	L	TELECAFE	2450
4.005	L	SCOPUS-NET-TECH	2450
4.009	L	TELEANTIOQUIA COL	2450
4.016	R	RCN TV	5712
4.021	L	C. CONGRESO	16025
4.021	L	CANAL 1	16025
4.021	L	CANAL CAPITAL	16025
4.021	L	CANAL INSTITUCION	16025
4.021	L	CANAL OCASIONAL	16025
4.021	L	SENAL COLOMBIA	16025
4.021	L	TV. ANDINA	16025
● 4.025	R	24 Horas	9640
● 4.025	R	Entretenimiento	9640
● 4.025	R	TV_Colombia	9640
4.043	L	EbS Europe By Satell	8681
4.043	L	EU Test	8681
● 4.044	R	SPORT PLUS	7441
● 4.044	R	SUN CHANNEL	7441
4.054	L	Casa Club TV	7234
4.054	L	MGM Latin America	7234
4.063	R	Hipodromo Maronas	8500
4.063	R	VTV	8500
4.063	R	Ocasional	8500
4.081	R	Bloomberg	6511
4.090	R	ContacTV APURE	2515
4.090	R	ContacTV CRISTIAN	2515
4.100	R	Televen Cable	6111
4.100	R	Transmision Internac	6111
4.100	R	{Empty}	6111
4.100	R	default program	6111
● 4.119	R	Telesur.	2960
● 4.122	L	CASABLANCA TESTE	3480
● 4.122	R	CITYTV	1860
● 4.122	L	JOVEM PAN	3480
● 4.125	L	Service 2	3000
● 4.126	R	AVILA TV	2531
● 4.129	R	ZUVISION TV	2000
● 4.132	L	AVIVAMIENTO	2480
● 4.137	L	RECORD INTERNATIO	4400
● 4.140	R	CABLE_NOTICIAS	2220
4.142	L	JBN	2222
4.143	R	CCP D/L	4800
4.143	R	DCP D/L	4800
4.143	R	DEFAULT	4800
4.143	R	TV Marti	4800
4.146	L	Tele Amiga	2571
● 4.151	R	Service 1	3280
● 4.168	L	Canal SP	2400
● 4.168	L	N Mensagem	2400
4.170	L	CANAL ADULTO	2222
4.170	L	RADIO	2222
● 4.177	L	FIZ	4391
● 4.177	L	IDEAL	4391
4.185	L	Kamasutra	6140
● 4.185	L	Life Design TV	6140
4.185	L	Rumba TV.	6140
4.185	L	Tele Nostalgia	6140
4.185	L	TV Agro	6140
● 3.965	R	COSMOVISION	

_NSS806CH

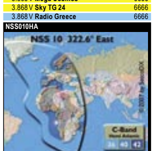
Freq GHz	Pol	Channel Name	Symbol rate
● 3.920	R	..	20000
● 3.938	R	BODY CHANNEL	4785

C-Band: NSS 10
322.6 East (37.4 West)

NSS010CN

Freq GHz	Pol	Channel Name	Symbol rate
3.868	V	Alter Globe	6666
3.868	V	Mega Cosmos	6666
3.868	V	Sky TG 24	6666
3.868	V	Radio Greece	6666

NSS010HA



Freq GHz	Pol	Channel Name	Symbol rate
3.805	H	{Empty}	2143

INTELSAT 903
325.5 East (34.5 West)

INT903KA

Freq GHz	Pol	Channel Name	Symbol rate
11.095	V	Canal Satellite Cara	30000

INT903NE

Freq GHz	Pol	Channel Name	Symbol rate
3.711	L	Tele Greenland fee	2915
3.715	L	KNR TV	2915
3.878	L	ARTE/ France 5	16300
3.878	L	Channels TV	16300
3.878	L	NTA2	16300
3.878	L	Ray Power	16300
3.878	L	Rythm FM	16300
3.878	L	Star FM	16300
3.908	L	RTI INTERNATIONAL	3040
4.178	R	Data Services	32553

INT903ZE

Freq GHz	Pol	Channel Name	Symbol rate
3.743	R	RTI premiere	3220

INTELSAT 801
328.5 East (31.5 West)

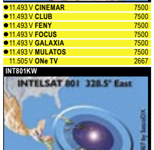
INT801EH

Freq GHz	Pol	Channel Name	Symbol rate
3.645	R	ORTM	5750
3.645	R	RADIO MALI	5750
3.718	R	RTS1	4881

INT801EU

Freq GHz	Pol	Channel Name	Symbol rate
●11.493	V	CINEMAR	7500
●11.493	V	CLUB	7500
●11.493	V	FENY	7500
●11.493	V	FOCUS	7500
●11.493	V	GALAXIA	7500
●11.493	V	MULATOS	7500
11.505	V	ONe TV	2667

INT801KW



Freq GHz	Pol	Channel Name	Symbol rate
10.982	H	BET	30000
10.982	H	CNN Latin America	30000
10.982	H	ESPN Latin America	30000
10.982	H	Eurosport News	30000
10.982	H	Fox Sports Latin Ame	30000
11.060	H	Canal + Antilles&Guy	30000
11.060	H	Canal + Bleu	30000
11.060	H	Euqidia	30000
11.060	H	Euronews	30000
11.060	H	Eurosport France	30000
11.060	H	France O	30000
11.060	H	ITV	30000
11.060	H	L'Equipe TV / Moto	30000
11.060	H	LCI - La Chaine In	30000
11.060	H	M6	30000
11.060	H	RFO Tele Guyane	30000
11.060	H	RFO Tempo	30000

The Full Chart with the most up-to-date channel data is available exclusively for TELE-satellite readers from SatcoDX's CD "World of Satellites"
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Freq GHz	Pol	Channel Name	Symbol rate
11.060	H	Sport+	30000
11.060	H	Teva	30000
11.060	H	TF1	30000
11.060	H	TV 5 FBS	30000
11.060	H	Europe 1	30000
11.060	H	Hector	30000
11.060	H	Paris Jazz	30000
11.060	H	Radio Caribe Interna	30000
11.060	H	RFM	30000
11.060	H	France Info	30000
11.060	H	RFI	30000
11.482	H	Canal Satellite	30000
11.618	H	13'eme Rue	30000
11.618	H	Action	30000
11.618	H	Canal J	30000
11.618	H	Cinecinemas 1	30000
11.618	H	Cinecinemas 2	30000
11.618	H	Comedie	30000
11.618	H	Fox Kids France	30000
11.618	H	MCM Europe	30000
11.618	H	Planete	30000
11.618	H	RFM TV	30000
11.618	H	RTL 9	30000
11.618	H	TCM France	30000
11.618	H	TF 1	30000
11.618	H	TF 6	30000
11.618	H	The Disney Channel	30000
11.618	H	TV Breizh	30000
11.618	H	Voyage	30000
11.618	H	XXL	30000

Europe
HISPASAT 1C, 1D
330.0 East (30.0 West)

HIS01CKS

Freq GHz	Pol	Channel Name	Symbol rate
●11.731	H	CANAL 4	28126
●11.731	H	Disney Channel	28126
●11.731	H	Fox	28126
●11.731	H	FOX CRIME	28126
●11.731	H	Fox Life	28126
●11.731	H	FX PORTUGAL	28126
●11.731	H	LOCALIA	28126
●11.731	H	XARXA TVL	28126
●11.731	H	CANAL 50	28126
●11.731	H	CNC	28126
●11.731	H	Asturias FM	28126
●11.731	H	BCN 7 BROADCAST	28126
●11.731	H	BCN 8 BROADCAST	28126
●11.731	H	INTERECONOMIA MUS	28126
●11.731	H	LOCA FM	28126
●11.731	H	PUNTO RADIO	28126
●11.731	H	Radio CLM	28126
●11.731	H	ROCK-GOL	28126
●11.731	H	Datos XARXA	28126
●11.731	H	Servicios IP	28126
11.771	H	BBC Prime	27500
●11.771	V	BLOOMBERG	27500
11.771	V	CALLE 13	27500
11.771	H	Canal de História	27500
11.771	V	CAZA Y PESCA	27500
11.771	V	COSMOPOLITAN	27500
●11.771	V	FERIA ABRIL	27500
11.771	H	Infinito	27500
11.771	V	LA 2	27500
11.771	H	MCM TOP	27500
11.771	H	Mezzo	27500
11.771	V	MÉTEO	27500
11.771	V	PARAMOUNT C	27500
11.771	V	PEOPLE+ARTS	27500
11.771	H	PFC	27500
11.771	V	RMTV	27500
●11.771	H	RTP Madeira	27500
11.771	H	SKY News	27500
11.771	V	TEST TC	27500
11.771	H	The Biography Channe	27500
11.771	H	TV Globo Portugal	27500
11.771	H	VH1 Classic	27500
11.771	V	VIAJAR	27500
11.771	H	Vídeo-on-Demand	27500
11.771	H	XXL	27500
●11.771	H	Canal Programação	27500
11.771	V	Playin'TV	27500
11.811	H	Acolhimento	27500
●11.811	V	C.ESTRELLAS	27500
11.811	H	Canal Panda	27500
●11.811	V	CNN+	27500
11.811	H	DSMCC - IPPV	27500
●11.811	V	FAMA 24H	27500
●11.811	V	PRO TV INT	27500
11.811	H	RTP 1	27500
11.811	H	RTP 2	27500
11.811	H	SIC	27500
11.811	H	SIC Notícias	27500
11.811	H	SIC Radical	27500
●11.811	V	TCM CLÁSICO	27500
11.811	H	TVI	27500
●11.811	V	ANDALUCÍA TV	27500
●11.811	V	CANAL CLUB	27500
●11.811	V	EUSKADI TV	27500
●11.811	V	MÚSICA DIG.	27500
●11.811	V	TMSAT/LAOTRA	27500
●11.811	V	TV GALICIA	27500
●11.811	V	TVC INT.	27500
11.811	H	Venus	27500
11.811	H	Vídeo-on-Demand	27500
11.811	H	XXL	27500
●11.811	V	Canciones de siempre	27500
●11.811	V	Clasica	27500
●11.811	V	Copla	27500
●11.811	V	Fiestas	27500
●11.811	V	Jazz	27500
●11.811	V	Novedades	27500
●11.811	V	Opera	27500
●11.811	V	Pop rock espa	27500
●11.811	V	Pop rock inter	27500
●11.811	V	RAD. ROMANIA	27500
11.811	H	01 03 01 09	27500
11.811	H	01 20 01 25	27500
11.811	H	01 33 01 11	27500
11.811	H	DCI12CAB	27500
11.811	H	DCI82CAB	27500
11.811	H	DSI12CAB	27500
11.811	H	DSI80CAB	27500
●11.811	H	DSMCC - RADIOS	27500
11.811	H	HUMAX DOWNLOAD SV	27500
●11.811	V	Música Dig.	27500
11.851	V	40 TV	27500
●11.851	V	CANAL+	27500
●11.851	V	CANAL+ 2	27500
11.851	H	CNN	27500
11.851	V	DISCOVERY	27500
11.851	H	Discovery Channel	27500
11.851	V	DISNEY CH.	27500
11.851	V	DOCU TVE	27500
11.851	H	Eurosport	27500
11.851	H	Hollywood	27500
11.851	V	MEZZO	27500
11.851	H	MTV Portugal	27500
●11.851	H	Nickelodeon	27500
11.851	H	Odisseia	27500
11.851	H	Playboy TV	27500
11.851	H	Sport TV 1	27500
11.851	V	SPORTMANÍA	27500
11.851	V	TELEDEPORTE	27500
11.851	H	TVCine 1	27500
11.851	H	TVCine 2	27500
11.851	H	TVCine 3	27500
11.851	H	Fashion TV	27500
11.851	H	Futebol MC 1	27500
11.851	H	Futebol MC 2	27500
11.851	H	Futebol MC 3	27500
11.851	H	Futebol MC 4	27500
11.851	H	M6	27500
11.851	H	Sport TV 2	27500
11.891	H	Arte	27500
11.891	V	C+ ACCIÓN	30000
11.891	V	C+ COMEDIA	30000
11.891	V	C+ DCINE	30000
11.891	V	CANAL ODISEA	30000
11.891	H	CNBC	27500
11.891	V	DISNEY CH.+1	30000
11.891	H	Eurosport News	27500
●11.891	H	Fashion TV	27500
11.891	V	INTERECON TV	30000
11.891	V	JETIX	30000
11.891	H	Millennium TV	27500
11.891	H	MOV	27500
11.891	V	MTV	30000
●11.891	V	OP. TRIUNFO	30000
11.891	V	PLAYHOUSE	30000
11.891	H	RAI Uno	27500
11.891	H	RTL	27500
11.891	H	RTP Memória	27500
●11.891	H	RTP N	27500
●11.891	V	SONY TV	30000
11.891	V	TOON DISNEY	30000
11.891	H	TV Galicia	27500
11.891	H	TV5 Monde	27500
11.891	H	TVCine 4	27500
11.891	H	TVE Internacional	27500
11.891	H	Canal Programação	27500
11.891	H	RTP Madeira	27500
11.891	V	APPALCO	30000
11.891	V	Guia digital+	30000
11.891	V	Promociones	30000
11.891	V	Amigos+	30000
11.891	V	MANT	30000
11.891	V	TELF	30000
●11.931	V	BARÇA TV	27500
●11.931	V	C+ EVENTOS	27500
11.931	H	CANAL CLASICO	27500
11.931	H	Clan/50	27500
11.931	H	GRANDES DOCUMENTA	27500
11.931	H	LDTV	27500
●11.931	V	TAQUILLA 5	27500
●11.931	V	TAQUILLA 6	27500
●11.931	V	TAQUILLA 7	27500
●11.931	V	TAQUILLA 8	27500
●11.931	V	TAQUILLAX	27500
●11.931	V	TAQUILLAXX	27500
11.931	H	TELEDEPORT	27500
11.931	H	Cetelmon TV	27500
11.931	H	EVENTOS TSA	27500
11.931	H	FEEDS TSA	27500
11.931	H	MAX LOCAL	27500
11.931	H	RTPA Internacional	27500
11.931	H	SENADO	27500

Freq GHz	Pol	Channel Name	Symbol rate
11.931	H	TELETREBOL	27500
11.931	H	ST-HILO 1	27500
11.931	H	ST-HILO 2	27500
11.931	H	ST-HILO 3	27500
11.931	H	COVIRAN	27500
11.931	H	EMUGA RADIOFUSION	27500
●11.931	V	IBerdrola	27500
11.931	H	INTERECONOMIA	27500
11.931	H	RADIO MARIA	27500
●11.931	V	Nuevo Cadyf	27500
●11.931	V	PERSO	27500
●11.931	V	PUBLIACTIVA	27500
●11.931	V	TAQUILLA 9	27500
11.972	V	Canal AD	27500
11.972	V	God TV	27500
●11.972	V	Balearic Channel	27500
11.972	V	Cadena Milagro	27500
11.972	V	Destino Galicia	27500
11.972	V	Local Media	27500
11.972	V	Popular TV	27500
11.972	V	Red AD Venir	27500
11.972	V	Telesur	27500
11.972	V	TV Aragon	27500
11.972	V	TV Record	27500
11.972	V	TVE Internacional	27500
11.972	V	Loca FM	27500
11.972	V	Radio Aragon	27500
12.012	V	AXN	27500
●12.012	V	Cartoon / TCM	27500
12.012	V	EuroNews	27500
12.012	V	Extreme Sports Chann	27500
12.012	V	National Geographic	27500
12.012	V	People + Arts	27500
12.012	V	RTP África	27500
12.012	V	SIC Mulher	27500
12.012	V	Sport TV 2	27500
12.012	V	TV Record	27500
12.012	V	Venus	27500
12.012	V	BBC World	27500
12.012	V	France 24	27500
12.012	V	VH1	27500
12.012	V	SCM WC Download	27500
●12.052	H	BLOOMBERG	30000
●12.052	H	CARTOON	30000
●12.052	H	CNBC EUROPE	30000
●12.052	H	DISCOVERY CHANNEL	30000
●12.052	H	EUROCHANNEL	30000
●12.052	H	EUROSPORT2	30000
●12.052	H	FUEL TV	30000
●12.052	H	MCM POP	30000
●12.052	H	MEZZO	30000
●12.052	H	MGM	30000
●12.052	H	NASN	30000
●12.052	H	ODISSEIA	30000
●12.052	H	PLAYBOY TV	30000
●12.052	H	RTL	30000
●12.052	H	Service 21	30000
●12.052	H	SIC	30000
●12.052	H	SIC MULHER	30000
●12.052	H	SIC NOTÍCIAS	30000
●12.052	H	SIC RADICAL	30000
●12.052	H	SONY ENTERTAINMEN	30000
●12.052	H	SPORT TV 2	30000
●12.052	H	TVCINE 3	30000
●12.052	H	ZONE REALITY	30000
12.092	V	AXN	27500
●12.092	V	AL JAZZERA INTL	27500
12.092	V	C. Parlamentario	27500
12.092	V	Canal Latino	27500
●12.092	V	COMUNICALIA	27500
12.092	V	CUBAVISION	27500
12.092	V	EURONEWS	27500
●12.092	V	FOX NEXT	27500
●12.092	V	OCASIONAL	27500
12.092	V	TBN ENLACE	27500
12.092	V	TV5MONDE EUROPE	27500
12.092	V	EMA RADIO	27500
12.092	V	HIT BILBAO	27500
12.092	V	Radio Marca	27500
12.092	V	RADIO NERVION	27500
12.092	V	RADIO SPECTRUM	27500
12.092	V	Antena 1	27500
12.092	V	Antena 2	27500
12.092	V	Antena 3	27500
12.092	V	Madeira / Antena 3	27500
●12.092	V	Madeira /Antena 1	27500
12.092	V	RDP Africa	27500
12.092	V	RDP Centro	27500
12.092	V	RDP Internacional	27500
12.092	V	RDP Norte	27500
12.092	V	RDP Sul	27500

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Freq GHz	Pol	Channel Name	Symbol rate
●11.535	V	BIOGRAPHY	24500
11.535	V	COCINA	24500
11.535	V	decasa	24500
●11.535	V	HISTORIA	24500
11.535	V	HOLLYWOOD ESP	24500
11.535	V	HOLLYWOOD PORT	24500
11.535	V	ODI. HIS.CUE	24500
●11.535	V	ODISEA	24500
11.535	V	PANDA	24500
11.535	V	SOL ESP	24500
11.535	V	TEST	24500
●11.577	V	AlJazeera	27500
●11.577	V	AR TV / Gigashopping	27500
●11.577	V	Caça e Pesca	27500
●11.577	V	Discovery Civilizati	27500
●11.577	V	Discovery Science	27500
●11.577	V	Discovery Turbo	27500
●11.577	V	M6	27500
●11.577	V	MTV 2	27500
●11.577	V	MTV Dance	27500
●11.577	V	MTV Music	27500
●11.577	V	Porto Canal	27500
●11.577	V	Nickelodeon	27500
●11.577	V	TCM	27500
●11.577	V	Antena 1	27500
●11.577	V	Antena 2	27500
●11.577	V	Antena 3	27500
●11.577	V	Best Rock FM	27500
●11.577	V	Cidade FM	27500
●11.577	V	Marginal	27500
●11.577	V	Oxigénio	27500
●11.577	V	Radar	27500
●11.577	V	RDP África	27500
●11.577	V	Rádio Capital	27500
●11.577	V	Rádio Clube	27500
●11.577	V	Rádio Comercial	27500
●11.577	V	Rádio Europa Lisboa	27500
11.615	H	ATLAS NEWS	27500
11.615	H	RETELSAT	27500
●11.615	H	VNEWS	27500
11.615	H	CANAL 53	27500
11.615	H	FortunaTV	27500
11.615	H	Gigashopping	27500
11.615	H	La Tele Local	27500
11.615	H	Tele Local 2	27500
11.615	H	TELELINEA	27500
●11.615	H	TSF ON SAT	27500
11.615	H	Tu Tele Local	27500
11.615	H	VIT TV	27500
11.615	H	EXITO RADIO	27500
11.617	V	Baby TV	27500
11.617	V	Bloomberg	27500
11.617	V	ESPN Classic	27500
11.617	V	Futebol MC 1	27500
11.617	V	Futebol MC 2	27500
11.617	V	Futebol MC 3	27500
11.617	V	Futebol MC 4	27500
11.617	V	RTP Açores	27500
11.617	V	Sailing Channel	27500
11.617	V	Travel Channel	27500
11.617	V	Zone Reality	27500
11.617	V	Funtastic Life Exper	27500
●11.676	H	A3 AVERIA CANARIA	16190
●11.676	H	A3 CANARIAS	16190
●11.676	H	Pruebas1	16190
●11.676	H	TVAC	16190
●11.676	H	TVAC INS-REG HIER	16190
●11.676	H	TVAC RESET DAMA	16190
●11.676	H	TVE1-CANARIAS	16190
●11.676	H	TVE2-CANARIAS	16190
●11.676	H	MM MUX CHANNEL 5	16190
●11.676	H	7.7 RADIO	16190
●11.676	H	AUDIO MMX	16190
●11.676	H	RADIO ECCA	16190
●11.676	H	RESERVA R1 CANARI	16190
●11.676	H	RESERVA R5 LAS PA	16190
●11.676	H	RESERVA R5 TENERI	16190
11.682	V	Mana Sat 2	3800
11.682	V	Mana Sat 1	3800
●12.012	H	ALJAZEERA ENGLISH	30000
●12.012	H	ANIMAX	30000
●12.012	H	BABY TV	30000
●12.012	H	BBC WORLD	30000
●12.012	H	C-MUSIC	30000
●12.012	H	CANAL DE HISTÓRIA	30000
●12.012	H	E! ENTERTAINMENT	30000
●12.012	H	EUROSPORT	30000
●12.012	H	EUROSPORTNEWS	30000
●12.012	H	HOLLYWOOD	30000
●12.012	H	NAT GEO MUSIC	30000
●12.012	H	NAT GEO WILD	30000
●12.012	H	RTP 1	30000
●12.012	H	RTP 2	30000
●12.012	H	RTP AÇORES	30000
●12.012	H	RTP MADEIRA	30000
●12.012	H	RTP MEMÓRIA	30000
●12.012	H	RTP N	30000
●12.012	H	RTP ÁFRICA	30000
●12.012	H	STYLE NETWORK	30000
●12.012	H	TCM	30000
●12.012	H	TVCINE 2	30000
●12.012	H	VENUS	30000
●12.012	H	VENUS WEEKEND	30000
●12.012	H	NATIONAL GEOGRAPH	30000
●12.092	H	BBC PRIME	30000
●12.092	H	CNN	30000
●12.092	H	ESPN CLASSIC	30000
●12.092	H	FASHION TV	30000
●12.092	H	FOX NEWS	30000
●12.092	H	FOX NEXT	30000
●12.092	H	MOTORS TV	30000
●12.092	H	MTV PORTUGAL	30000
●12.092	H	NATIONAL GEOGRAPH	30000
●12.092	H	PANDA	30000
●12.092	H	PEOPLE + ARTS	30000

Freq GHz	Pol	Channel Name	Symbol rate
●12.092	H	SKY NEWS	30000
●12.092	H	SPORT TV 1	30000
●12.092	H	THE BIOGRAPHY CHA	30000
●12.092	H	TIJI	30000
●12.092	H	TRACE TV	30000
●12.092	H	TRAVEL CHANNEL	30000
●12.092	H	TVCINE 1	30000
●12.092	H	TVCINE 4	30000
●12.092	H	TVI	30000
●12.092	H	VH1	30000
●12.092	H	Service 78	30000
●12.149	V	TCM MODERNO	27500
●12.149	V	TELEFE INT	27500
●12.149	V	FERIA ABRIL	27500
●12.149	V	IBERDROLA	27500
●12.149	V	PORTADA	27500
●12.149	V	R. LATINAS	27500
●12.149	V	RADIOS	27500
●12.149	V	TAQUILLA	27500
●12.149	V	{Empty}	27500
●12.149	V	R. Latinas	27500
●12.149	V	Guía Radio	27500
●12.149	V	CANAL+ HD	27500
12.226	V	AXN	27500
12.226	V	C+ ACCIÓN 30	27500
12.226	V	C+COMEDIA 30	27500
12.226	V	CANAL COCINA	27500
12.226	V	CARACOL TV	27500
12.226	V	DCINEESPAÑOL	27500
12.226	V	ECUAVISA INT	27500
12.226	V	FOX	27500
12.226	V	SCI FI	27500
12.226	V	TVE 1	27500
12.226	V	PLAYIN'TV	27500
12.226	V	TVV INT.	27500
12.226	V	Contactanos	27500
12.226	V	Paquetes	27500
12.226	V	Recibo	27500
12.226	V	Tu mando	27500
●12.303	V	ANIMAX	27500
12.303	V	BOOMERANG	27500
12.303	V	CARTOON NET.	27500
12.303	V	NICK	27500
12.303	V	TAQUILLA 1	27500
12.303	V	TAQUILLA 2	27500
12.303	V	TAQUILLA 3	27500
12.303	V	TAQUILLA 4	27500
12.303	V	TAQUILLAXY	27500
12.303	V	TAQUILLA 10	27500
●12.379	V	40 LATINO	27500
●12.379	V	C+ DEPORTES	27500
●12.379	V	C+ FÚTBOL	27500
●12.379	V	CANAL+...30	27500
●12.379	V	FOX NEWS	27500
●12.379	V	GOLF+	27500
●12.379	V	NAT GEOGRAPH	27500
●12.379	V	PLAYBOY TV	27500
●12.379	V	CompraSMS	27500
●12.379	V	02010053	27500
●12.379	V	02020053	27500
●12.379	V	02040053	27500
●12.379	V	EDC	27500
●12.379	V	Feria abril	27500
●12.379	V	IPLUS	27500
●12.379	V	TEST.	27500
●12.379	V	TEST2	27500
●12.379	V	{Empty}	27500
12.456	V	24 HORAS	30000
●12.456	V	CLAN TVE	30000
12.456	V	CLÁSICO	30000
12.456	V	CUATRO	30000
12.456	V	EUROSPORT	30000
12.456	V	HISTORIA	30000
12.456	V	HOLLYWOOD	30000
12.456	V	TELENOVELAS	30000
12.456	V	TNT	30000
12.456	V	ABONO F+	30000
12.456	V	Amigos+	30000
12.456	V	Contactanos	30000
12.456	V	EHS	30000
12.456	V	GUÍADIGITAL+	30000
12.456	V	Paquetes	30000
12.456	V	Recibo	30000
12.456	V	Tu mando	30000
12.456	V	TV CANARIA	30000
12.456	V	{Empty}	30000
12.456	V	Contrato	30000
12.522	V	LA SEXTA	7400
12.522	V	SGTV VOCENTO	7400
●12.522	V	COM Radio	7400
12.547	V	65_TEST	30000
12.547	V	A3 EMERG CANARIAS	30000
12.547	V	ANTENA 3	30000
●12.547	V	Backup_Algeciras	30000
12.547	V	CUATRO	30000
12.547	V	SEXTA CANARIAS	30000
12.547	V	TELE 5	30000
12.547	V	TELE 5 CANARIAS	30000
12.547	V	TVE 1	30000
12.547	V	TVE 2	30000
●12.547	V	65_OCS-3	30000
●12.547	V	REG CUATRO	30000
●12.547	V	Test download	30000
12.547	V	EFE RADIO	30000
12.547	V	EXTREMADURA FM	30000

South America
HISPASAT 1C, 1D
330.1 East (29.9 West)

HIS01CKA

Freq GHz	Pol	Channel Name	Symbol rate
●11.930	V	SCOPUS-NET-TECH	2220
11.936	V	OVERON	5185
●12.052	V	24HTVE	27500
●12.052	V	ANTENA 3	27500
●12.052	V	DOCUTVE	27500
12.052	V	TVEA1	27500
●12.052	V	TVEA2	27500
●12.052	V	ETB	27500
●12.052	V	RTPA Internacional	27500
●12.052	V	TVCI	27500
●12.052	V	TVGA	27500
●12.052	V	C.C.	27500
●12.052	V	C.R.	27500
●12.052	V	EUSK	27500
●12.052	V	NSE Radio	27500
●12.052	V	Radio Maria	27500
●12.052	V	RCLA	27500
●12.052	V	REE	27500
●12.052	V	REUS	27500
●12.052	V	RGA	27500
●12.052	V	RGalicia 2	27500
●12.052	V	RNE1	27500
●12.052	V	RNE3	27500
●12.052	V	RNE5	27500
●12.052	V	SAR7	27500
●12.052	V	EDC	27500
●12.132	H	Abu Dhabi TV	27500
●12.132	H	Al-Iraqiya	27500
●12.132	H	Jamahiriya TV	27500
●12.132	H	Oman TV	27500
●12.132	H	Qatar TV	27500
●12.132	H	Saudi TV	27500
●12.132	H	Sharjah TV	27500
●12.132	H	Sudan TV	27500
12.132	H	Syrian TV	27500
●12.132	H	Yemen TV	27500
●12.132	H	Aden Radio	27500
●12.132	H	Emirates FM	27500
●12.132	H	Main General Program	27500
●12.132	H	Oman Radio	27500
●12.132	H	Oman-Holy Quran	27500
●12.132	H	Program One	27500
●12.132	H	Quatar radio	27500
●12.132	H	Radio Omduman Holy K	27500
●12.132	H	Radio Quran	27500
●12.132	H	Républic Of Iraq Rad	27500
●12.132	H	Sana'a radio	27500
●12.132	H	Sharjah FM	27500
●12.132	H	Sudan Radio	27500
●12.132	H	Voice Of People	27500
●12.132	H	Voice of Youth	27500
●12.156	V	CANAL 6 COOP	2222
●12.172	H	2M Moroc TV	27500
●12.172	H	C CANARIAS TV	27500
●12.172	H	Kuwait TV	27500
●12.172	H	MUSLIM TV	27500
●12.172	H	OVERON	27500
●12.172	H	PRESS TV	27500
●12.172	H	TV Marti	27500
●12.172	H	TV Marti	27500
●12.172	H	2M Moroc Radio	27500
●12.172	H	Kuwait R1	27500
●12.172	H	Kuwait R2	27500
●12.172	H	RFI Hispasat1	27500
●12.172	H	RFI Hispasat2	27500
12.172	H	Datos ATEI	27500
●12.181	V	ENCUENTRO	3340

HIS01DKA

Freq GHz	Pol	Channel Name	Symbol rate
11.780	V	RTPA Internacional	2387
11.820	V	Cadena	2387
●11.884	V	ACN	27500
●11.884	V	Canal Habana	27500
●11.884	V	Cubavision	27500
●11.884	V	Cubavision Internaci	27500
●11.884	V	Educativo	27500
●11.884	V	Educativo 2	27500
●11.884	V	SCOPUS-NET-TECH	2220
●11.884	V	Tele Rebelde	27500
●11.884	V	CMBF	27500
●11.884	V	Habana Radio	27500
●11.884	V	Radio Enciclopedia	27500
●11.884	V	Radio Habana Cuba	27500
●11.884	V	Radio Progreso	27500
●11.884	V	Radio Rebelde	27500
●11.884	V	Radio Reloj	27500
●11.884	V	Radio Taino	27500

INTELSAT 907
332.5 East (27.5 West)

INT907EH

Freq GHz	Pol	Channel Name	Symbol rate
● 3.715	R	Ch. 50 - AF 1-2, AF	8448
● 3.715	R	Ch. 51 - AF 1-2, AF	8448
● 3.715	R	Ch. 52 - AF 1-2, AF	8448
● 3.715	R	Ch. 53 - AF 3-4, AF	8448
● 3.715	R	Ch. 58 - AF 1-8	8448
● 3.715	R	Ch. 60 - AF 1-2, AF	8448
● 3.715	R	Ch. 61 - AF 1-2, AF	8448
● 3.715	R	Ch. 62 - AF 1-2, AF	8448
● 3.715	R	Ch. 63 - AF 5-6, AF	8448
● 3.715	R	Ch. 64 - AF 3-4, AF	8448
● 3.715	R	Ch. 65 - AF 3-4, AF	8448
● 3.715	R	Ch. 66 - AF 5-6, AF	8448
● 3.715	R	Ch. 67 - AF 9-10, AF	8448
● 3.715	R	Ch. 68 - AF 13-14, A	8448
3.715	R	Ch. 8 - OS Downloa	8448
3.715	R	Ch. 9 - OS Downloa	8448
● 3.715	R	Channel 1	8448
3.762	R	Alhurra	30491
3.762	R	Feeds	30491
3.762	R	WorldNet	30491
3.762	R	Radio Farda	30491
3.762	R	RFE/Radio Liberty	30491
3.762	R	VoA News Now	30491
3.762	R	Voice of America	30491
3.849	R	RTP Mux	10850
3.872	R	Data services	5000
3.898	R	NTA	2892
● 3.936	R		4550
4.050	R	Service 1	7000

INT907KE

Freq GHz	Pol	Channel Name	Symbol rate
●11.516	V	INTELSAT _	5632
11.665	V	Region 2A Ch5	13020
11.665	V	Region 3A Ch5	13020
11.665	V	Region 4A Ch5	13020
11.665	V	Region 5A Ch5	13020

INT907WH

Freq GHz	Pol	Channel Name	Symbol rate
3.732	R	FREE-X TV	14000
3.732	R	Fashion TV	14000
3.732	R	Kurdsat	14000
3.732	R	RR Sat promo	14000
3.732	R	TGN	14000
3.732	R	The God Channel	14000
3.732	R	VTV 4	14000
3.732	R	TGN Radio	14000
3.732	R	TRT FM	14000
4.065	L	NTA	

INTELSAT 905
335.5 East (24.5 West)

INT905CG

Freq GHz	Pol	Channel Name	Symbol rate
4.193	R	R-T-B	5180

INT905KE

Freq GHz	Pol	Channel Name	Symbol rate
●11.521	V	TELEIPPICA	3333
11.674	V	Aaj Tak	27500
11.674	V	Channel Punjab	27500
11.674	V	GEO	27500
●11.674	V	GEO News	27500
11.674	V	NDTV 24x7	27500
11.674	V	Sahara Filmy	27500
11.674	V	Sahara One	27500
11.674	V	SET Europe	27500
11.674	V	SET Max UK	27500
11.674	V	Star Gold	27500
11.674	V	Star One	27500
11.674	V	Star Plus	27500
11.674	V	NTA	27500
●11.674	V	PTV Global	27500

INT905WH

Freq GHz	Pol	Channel Name	Symbol rate
3.729	R	Al Arabiya	13333
3.729	R	Al Jazeera	13333

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Freq GHz	Pol	Channel Name	Symbol rate
●11.640	V	ITV MAIN	21100
●11.675	V	Aaj Tak	27500
●11.675	V	Channel Punjab	27500
●11.675	V	GEO	27500
●11.675	V	GEO News	27500
●11.675	V	NDTV 24x7	27500
●11.675	V	Sahara Filmy	27500
●11.675	V	Sahara One	27500
●11.675	V	SET Europe	27500
●11.675	V	SET Max UK	27500
●11.675	V	Star Gold	27500
●11.675	V	Star One	27500
●11.675	V	Star Plus	27500
●11.675	V	NTA	27500
●11.675	V	PTV Global	27500

NSS 7
338.0 East (22.0 West)

NSS007EM

Freq GHz	Pol	Channel Name	Symbol rate
11.488	H	STV_USA	2170
11.563	H	INS Europe Interna	6111
11.605	H	Reuters WNS	4000
11.605	H	Opportunistic Data	4000
11.620	H	ITA SIR1	2000
11.620	H	RTB Crypted	2000
●12.735	H	BOUCHAOUI_TDA3	16640
●12.735	H	PROGRAMME NATIONA	16640
●12.735	H	A3	16640
●12.735	H	CANAL ALGERIE	16640
●12.735	H	ADRAR	16640
●12.735	H	AHAGGAR	16640
●12.735	H	BATNA	16640
●12.735	H	CHAINE 1	16640
●12.735	H	CHAINE 2	16640
●12.735	H	CHAINE 3	16640
●12.735	H	ELWAHAT	16640
●12.735	H	ESSOUHOUB	16640
●12.735	H	GHARDAIA	16640
●12.735	H	ILLIZI	16640
●12.735	H	JIJEL	16640
●12.735	H	NAAMA	16640
●12.735	H	RADIO INTERNATION	16640
●12.735	H	Radio20	16640
●12.735	H	SAHEL	16640
●12.735	H	SAOURA	16640
●12.735	H	SOUF	16640
●12.735	H	SOUK AHRAS	16640
●12.735	H	TINDOUF	16640
●12.735	H	TLEMCEN	16640
●12.735	H	Opp Data	16640

C-Band: NSS 7
338.1 East (21.9 West)

NSS007CG

Freq GHz	Pol	Channel Name	Symbol rate
4.116	L	Atlantic	3680
4.116	L	News	3680
4.116	L	Sports	3680

NSS007EH

Freq GHz	Pol	Channel Name	Symbol rate
3.650	R	C+ HORIZONS	27500
3.650	R	CANAL+ CINEMA	27500
3.650	R	CINE CINEMAS	27500
3.650	R	Reuters WNS	27500
● 3.650	R	WALF TV	27500
● 3.650	R	2M MAROC	27500
● 3.650	R	AL Maghribiya	27500
● 3.650	R	CANAL ALGERIE	27500
● 3.650	R	TELE..CONGO	27500
3.650	R	TV5MONDE AFRIQUE	27500
● 3.650	R	Wal Fadjri	27500
● 3.650	R	COFRAC	27500
● 3.650	R	RADIO 2M	27500
● 3.650	R	Radio Congo	27500
3.650	R	RTBF International	27500
● 3.650	R	TDA CH 1	27500
● 3.650	R	TDA Radio Internatio	27500
3.650	R	VTC NSS7	27500
3.650	R	Opportunistic Data	27500
3.931	L	Newsource	25000
3.931	L	CNN PLUS	25000
3.931	L	CNN Radio / Newslink	25000
3.931	L	CNN Spanish & Radio	25000
3.931	L	CNN-AOR Common	25000
3.931	L	CNN-AOR Turnaround	25000
3.931	L	Common Feed	25000
3.931	L	D9223 CCP Code Dow	25000
3.931	L	D9223 DCP Code Dow	25000
3.931	L	D9225, D9234 Code Do	25000
3.931	L	Engineering Channel	25000
3.931	L	AOR1 CNN Radio en	25000
3.931	L	AOR1 CNN Radio Eng	25000
3.931	L	AOR1 Radio In Hous	25000
● 3.982	L	TV + GABON	1380
● 4.179	R	EQUIDIA PRO	27500
● 4.179	R	EQUIDIA PRO P1	27500
4.179	R	Abu Dhabi TV	27500
● 4.179	R	France 24 (en Franca	27500
● 4.179	R	France 24 (in Englis	27500
4.179	R	Jamahirya TV	27500
● 4.179	R	KUWAIT TV	27500
4.179	R	Oman TV	27500
4.179	R	Qatar TV	27500
● 4.179	R	Saudi TV	27500
4.179	R	Sharjah TV	27500
4.179	R	Sudan TV	27500
4.179	R	Syrian TV	27500
● 4.179	R	TVE Internacional	27500
4.179	R	Yemen TV	27500
4.179	R	Aden Radio	27500
4.179	R	Emirates FM	27500
● 4.179	R	KUWAIT R1	27500
● 4.179	R	KUWAIT R2	27500
4.179	R	Main General Program	27500
4.179	R	Oman Radio	27500
4.179	R	Oman-Holy Quran	27500
4.179	R	Program One	27500
4.179	R	Quatar radio	27500
● 4.179	R	Radio 1	27500
● 4.179	R	Radio Exterior	27500
4.179	R	Radio Omduman Holy K	27500
4.179	R	Radio Quran	27500
4.179	R	Sana'a radio	27500
4.179	R	Sharjah FM	27500
4.179	R	Sudan Radio	27500
4.179	R	Voice Of People	27500
4.179	R	Voice of Youth	27500

NSS007WH

Freq GHz	Pol	Channel Name	Symbol rate
3.725	L	TELE Africa	1462
3.761	R	Bolivian Mux	22650
3.948	R	Samanyolu TV Amerika	2200

INTELSAT 901
342.0 East (18.0 West)

INT901K1

Freq GHz	Pol	Channel Name	Symbol rate
●11.056	H	TELEREPORTER SUD	1950
11.156	H	CONADTV	1600
11.678	H	NBA Path 2	28570
11.678	H	NBA Path 3	28570
●11.678	H	NBA TV Europe	28570
11.678	H	Opportunistic Data	28570

C-Band: INTELSAT 901
342.1 East (17.9 West)

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Freq GHz	Pol	Channel Name	Symbol rate
● 3.791	R	Service 2	4340
● 3.798	R	AIT - LAGOS.	4340
● 3.803	R	AIT LAGOS	2894
● 3.808	R	DAAR New York	4340
● 3.813	R	AIT ABUJA	2480

Europe
TELSTAR 12
345.0 East (15.0 West)

TES012KE

Freq GHz	Pol	Channel Name	Symbol rate
11.150	V	History Channel	19275
●11.150	V	JimJam EMEA	19275
●11.150	V	NatGeo Wild	19275
●11.150	V	Reality EMEA3	19275
11.150	V	EPG	19275
11.150	V	Nagra Guide	19275
●11.150	V	01 02 15 88	19275
●11.150	V	01 03 15 88	19275
●11.150	V	01 04 15 88	19275
●11.150	V	01 05 01 8B	19275
●11.150	V	01 05 15 88	19275
●11.150	V	01 62 15 88	19275
●11.150	V	02 01 15 8A	19275
●11.150	V	02 02 15 8B	19275
●11.150	V	Cablebox HD Sagem	19275
●11.150	V	Cablebox Philips SD	19275
●11.150	V	DOWNLOAD 11	19275
●11.150	V	DOWNLOAD 9	19275
11.150	V	France HITS NIT	19275
11.150	V	France HITS SDT	19275
●11.150	V	Philips S9	19275
12.524	V	Atlantic	26470
12.524	V	ESPN	26470
12.524	V	ESPN2	26470
12.524	V	ESPN2 Caribbean	26470
12.524	V	Latin Caribbean	26470
●12.524	V	Middle East	26470
12.524	V	Pac Rim	26470
12.524	V	VC/Occassional Pal	26470
12.589	V	Simaye-Azadi	4503

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Freq GHz	Pol	Channel Name	Symbol rate
●12.608	H	ADTH COMBO	19279
●12.608	H	ETV	19279
●12.608	H	Phoenix InfoNews	19279
●12.608	H	AGHAPY TV	19279
●12.608	H	Gunaz TV	19279
●12.608	H	Hwazan	19279
●12.608	H	MAC TV	19279
●12.608	H	TZUCHI	19279
●12.608	H	VOA Persian	19279
●12.608	H	Bahai Radio	19279
●12.608	H	Farda Radio	19279
●12.608	H	Kol Haneshama	19279
●12.608	H	Radio Sedaye Iran	19279
●12.608	H	VOA Radio	19279

America
TELSTAR 12
345.1 East (14.9 West)

TES012KA

Freq GHz	Pol	Channel Name	Symbol rate
●11.741	V	American Clean Feed	3255
●11.741	V	Racing International	3255
●11.806	V	AL- ALAM	7596
●11.806	V	IRINN	7596
●11.806	V	JAM-E-JAME2	7596
●11.806	V	IRIB1	7596
●11.806	V	IRIB4	7596
●11.806	V	IRIB5	7596
●11.806	V	RADIO IRAN	7596
●11.806	V	RADIO MAAREF	7596
●11.806	V	RADIO QURAN	7596
●11.806	V	RADIO SEDAYE ASHN	7596
●11.964	H	BULGARIAN NATIONA	14714
●11.964	H	SP TV	14714
●11.964	H	TRACE TV	14714
●11.964	H	HIT RADIO	14714
11.974	V	BVN	3400
11.974	V	RNW1 (dut)	3400
11.974	V	RNW2 (eng)	3400
11.974	V	RNW3 (spa/por)	3400
●11.974	V	RNW5	3400
●11.974	V	RNW6	3400
●11.974	V	RVI 1 (vl)	3400
●11.984	H	IP-Roaming	13570
●11.984	H	PCR	13570
●11.984	H	T12 Linkstar Service	13570
●12.083	H	Latin America	3935
●12.168	H	TV PAMPA	3503
●12.175	H	PAMPA RECORD	3504

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Freq GHz	Pol	Channel Name	Symbol rate
●11.740	V	American Clean Feed	3255
●11.740	V	Racing International	3255
●11.981	H	IP-Roaming	13570
●11.981	H	PCR	13570
●11.981	H	T12 Linkstar Service	13570

Europe, South Africa
TELSTAR 12
345.2 East (14.8 West)

TES012ES

Freq GHz	Pol	Channel Name	Symbol rate
●11.062	H	CNBC	19280
●11.062	H	E! EMEA	19280
●11.062	H	The Style Network	19280
●11.124	H	Nat Geo Poland	18386
●11.124	H	Club Europe	18386
●11.124	H	Extreme Sports	18386
●11.124	H	Reality TV	18386
●11.150	H	Club / Irisz	18386
●11.150	H	Club CE	18386
●11.150	H	Extreme France	18386
●11.150	H	Nat Geo RUM	18386
●11.150	H	Playboy TV NL	18386
●11.150	H	Reality Asia	18386
●11.150	H	Reality TV EMEA2	18386
●11.150	H	ASDA ENG	18386
●11.150	H	ASDA SCO	18386
●11.150	H	CarpetRight FM	18386
●11.150	H	Makro FM	18386
●11.150	H	PC World FM	18386
●11.518	H	DAD-4 FIBER TX-54	3744
●11.526	H	DAD-5 FT-55	3200
●11.532	H	MSNBC	3200
●11.537	H	BTV-4	4284
●11.685	H	Mass Response 4	2965
●11.690	H	Mass Response 2	3255
●12.545	H	ATN 1	11900
●12.545	H	ATN 2	11900
●12.545	H	CNN HDLN	11900
●12.545	H	CNN LIVE	11900
●12.545	H	FOX	11900
●12.545	H	Pentagon	11900
●12.545	H	QUAD ISR	11900
●12.608	H	ADTH COMBO	19279
●12.608	H	ETV	19279
●12.608	H	Phoenix InfoNews	19279
●12.608	H	AGHAPY TV	19279
●12.608	H	Gunaz TV	19279
●12.608	H	Hwazan	19279
●12.608	H	MAC TV	19279
●12.608	H	TZUCHI	19279
●12.608	H	VOA Persian	19279
●12.608	H	Bahai Radio	19279
●12.608	H	Farda Radio	19279
●12.608	H	Kol Haneshama	19279
●12.608	H	Radio Sedaye Iran	19279
●12.608	H	VOA Radio	19279
●12.657	H	TELEMEDIA UK 2	3255
●12.662	H	Auto 6 Mbit/s	2893

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Freq GHz	Pol	Channel Name	Symbol rate
●12.645	H	EARTH TV	3255

EXPRESS A4
346.0 East (14.0 West)

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Freq GHz	Pol	Channel Name	Symbol rate
11.514	V	Newroz TV	2960
11.524	V	Vin	2970
11.532	V	Gali	3003

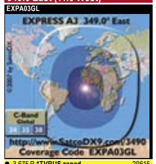
ATLANTIC BIRD 1
347.5 East (12.5 West)

EUTAB1EU

Freq GHz	Pol	Channel Name	Symbol rate
●11.100	H	LIFE CHANNEL	2000
11.132	H	BH-TV1	3254
11.132	H	BH-Radio1	3254
●11.177	V	Animax	2857
11.177	H	FOX TV	7596
11.177	H	SVET PLUS	7596
11.177	H	ROADSTAR RADIO	7596
11.331	H	Exotica Channel	6000
11.331	H	Touch TV	6000
11.337	H	CCTV 4	1923
11.340	H	Cancao Nova Internac	2279
11.355	H	ESP2 Hungary	11781
11.355	H	ESP2 Romania	11781
11.355	H	promocja.tv	11781
●11.355	H	CYFRA+ GRY	11781
●11.355	H	CYFRA+ GRY2	11781
●11.355	H	INFO+	11781
●11.355	H	Music Ch. Dance	11781
●11.355	H	Music Choice 5	11781
●11.355	H	Music Ch. Oldies	11781
●11.355	H	Music Ch. Rock	11781
●11.355	H	Music Ch. Swiat	11781
●11.355	H	Music Ch. Urban	11781
●11.355	H	Music Choice 1	11781
●11.355	H	Music Choice 2	11781
●11.355	H	Music Choice 3	11781
●11.355	H	Music Choice 4	11781
●11.355	H	Music Choice 6	11781
●11.355	H	Music Choice 7	11781
●11.355	H	Music Choice Pop	11781
●11.355	H	MusicC. Klasyka	11781
●11.387	H	Dorcel TV	27500
11.387	H	MTV IDOL	27500
11.387	H	MTV PULSE	27500
●11.387	H	NATIONAL GEO	27500
11.387	H	BETHEL TV	27500
●11.387	H	EDUSAT	27500
●11.387	H	POLONIA1	27500
●11.387	H	TELE5	27500
12.515	H	LA7Cartapiu' A	17452
12.515	H	LA7Cartapiu' B	17452
12.515	H	LA7Cartapiu' C	17452
12.515	H	LA7Cartapiu' D	17452
12.515	H	LA7Cartapiu' E	17452
12.515	H	FacileTV	17452
12.515	H	LA7	17452
12.515	H	Puntoshop Channel	17452
12.515	H	QOOB	17452
12.515	H	PIU' SERVIZI	17452
12.515	H	TEST TIMB 2	17452
12.515	H	tvtv DIGITAL	17452
12.529	V	OASI TV	1550
12.546	H	LA7	17454
12.546	H	MTV ITALIA	17454
12.546	H	Sardegnauno	17454
12.546	H	LA7Cartapiu' X	17454
12.546	H	LA7Cartapiu' Y	17454
12.546	H	OrientaUnito	17454
12.546	H	Regione FVG	17454
12.578	V	KINOWELT TV	5860
12.578	V	SSN TV	5860
12.578	V	Radio Azadegan	5860
12.578	V	Radio Dijla	5860
12.597	H	Extra 3	1910
●12.632	V	REDE INTERNACIONA	2141
12.637	V	Record Internacional	4285

EXPRESS A3
349.0 East (11.0 West)

EXPA03GL



Freq GHz	Pol	Channel Name	Symbol rate
● 3.675	R	1TVRUS zapad	29615
● 3.675	R	RTR Planeta+RR	29615

EXPA03KZ

Freq GHz	Pol	Channel Name	Symbol rate
11.516	V	ATV BL	7780
11.516	V	FTV	7780
11.516	V	RTRS	7780

Europe
ATLANTIC BIRD 2
352.0 East (8.0 West)

EUTAB2KE

Freq GHz	Pol	Channel Name	Symbol rate
●10.970	H	AL SAFWA	27500
●10.970	H	AL YAWM	27500
●10.970	H	CINEMA 1	27500
●10.970	H	CINEMA 2	27500
●10.970	H	FANN	27500
●10.970	H	GMA Pinoy TV	27500
●10.970	H	HISTORY CHANNEL	27500
●10.970	H	HOLLYWOOD	27500
●10.970	H	NBA TV	27500
●10.970	H	PBO	27500
●10.970	H	SERIES+4	27500
●10.970	H	SUPER MOVIES+1	27500
●10.970	H	TCM	27500
●10.970	H	GMA LIFE TV	27500
●10.970	H	SDSJ3	27500
10.972	V	Body in Balance	27500
10.972	V	Bundesliga 9 - Kabel	27500
10.972	V	Channel One Russia	27500
10.972	V	Euro Star	27500
10.972	V	Euronews English	27500
10.972	V	Euronews French	27500
10.972	V	Euronews Italy	27500
10.972	V	Euronews Portugese	27500
10.972	V	Euronews Russia	27500
10.972	V	Euronews Spain	27500
10.972	V	Kinowelt	27500
10.972	V	LigTV	27500
10.972	V	PinkPlus	27500
10.972	V	RTR Planeta	27500
10.972	V	Al Jazeera	27500
10.972	V	France 24	27500
●11.010	H	AMERICA PLUS +2	27500
●11.010	H	ANIMAL PLANET	27500
●11.010	H	BBC PRIME	27500
●11.010	H	BOOMERANG	27500
●11.010	H	CARTOON NETWORK	27500
●11.010	H	CINEMA CITY +1	27500
●11.010	H	DISCOVERY CHANNEL	27500
●11.010	H	DISCOVERY T&L	27500
●11.010	H	DISNEY CHANNEL	27500
●11.010	H	ORBIT ESPN	27500
●11.010	H	ORBIT NEWS	27500
●11.010	H	SUPER COMEDY +2	27500
●11.010	H	TOON DISNEY	27500
●11.010	H	CNNI	27500
●11.010	H	SDSJ2	27500
●11.011	V	ATV Avrupa	27500
●11.011	V	EuroD	27500
●11.011	V	FOX Turk	27500
●11.011	V	Kanal7 Int	27500
●11.011	V	Rai Due	27500
●11.011	V	Rai Tre	27500
●11.011	V	Rai Uno	27500
●11.011	V	Show Turk	27500
●11.011	V	TRT Int	27500
●11.011	V	TurkMax	27500
●11.011	V	TV Polonia	27500
●11.387	H	13th Street	24740
●11.387	H	AXN	24740
●11.387	H	Boomerang	24740
●11.387	H	Cartoon Network	24740
●11.387	H	Motors TV Deutschlan	24740
●11.387	H	NASN	24740
●11.387	H	National Geographic	24740
●11.387	H	Sci Fi Deutschland	24740
●11.387	H	Silverline	24740
●11.387	H	The Biography Channe	24740
●11.387	H	The History Channel	24740
●11.387	H	Turner Classic Movie	24740
●11.427	H	America Unleashed	27500
●11.427	H	BBC Prime	27500
●11.427	H	Comedy Channel	27500
●11.427	H	E! Entertainment(D/E	27500
●11.427	H	E! Entertainment(PL)	27500
●11.427	H	Indie Pix	27500
●11.427	H	Its About Finance	27500
●11.427	H	Its My Faith	27500
●11.427	H	Romance TV	27500
●11.427	H	TheRapLife	27500
●11.427	H	Visitors Network	27500
●11.427	H	yourfamily	27500
●11.427	H	blu.fm	27500
●12.530	V	Middle East	27500
●12.539	H	K3 Kulturkanal	3038
●12.566	V	Al-Huda	27500
●12.566	V	Al-Kheel	27500
●12.566	V	Al-Sahraa-TV	27500
●12.566	V	ARRAI	27500
●12.566	V	ATLAS TV Orig	27500
●12.566	V	DM-TV	27500
●12.566	V	NART	27500
●12.566	V	New-TV	27500
●12.566	V	OTV	27500
●12.566	V	Atlas	27500
●12.649	V	Adult Channel	27500
●12.649	V	Blue Hustler	27500
●12.649	V	Bundesliga 1 - Kabel	27500
●12.649	V	Bundesliga 2 - Kabel	27500
●12.649	V	Bundesliga 3 - Kabel	27500
●12.649	V	Bundesliga 4 - Kabel	27500
●12.649	V	Bundesliga 5 - Kabel	27500
●12.649	V	Bundesliga 6 - Kabel	27500
●12.649	V	Bundesliga 7 - Kabel	27500
●12.649	V	Bundesliga home - Ka	27500
●12.649	V	Bundesliga info - Ka	27500
●12.649	V	ESPN Classic	27500
●12.649	V	Extreme Sports	27500
●12.649	V	Sailing Channel	27500
●12.649	V	Super Sports Network	27500
●12.649	V	TVN I Europe	27500
●12.649	V	KabelKiosk - Infokan	27500

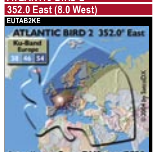
ATLANTIC BIRD 2
352.0 East (8.0 West)

EUTAB2AB

Freq GHz	Pol	Channel Name	Symbol rate
10.976	V	Dubai Business Chann	30000
10.976	V	Dubai Sports Channel	30000
10.976	V	EDTV Channel Europ	30000
10.976	V	EDTV Radio 1	30000
10.976	V	EDTV Radio 2	30000

ATLANTIC BIRD 2
352.0 East (8.0 West)

EUTAB2KE



Freq GHz	Pol	Channel Name	Symbol rate
11.057	H	AL SAFWA	27500
11.057	H	AL YAWM	27500
11.057	H	CINEMA 1	27500
11.057	H	CINEMA 2	27500
11.057	H	FANN	27500
11.057	H	FUN CHANNEL	27500
11.057	H	GMA Pinoy TV	27500
11.057	H	HISTORY CHANNEL	27500
11.057	H	HOLLYWOOD	27500
11.057	H	NBA TV	27500
11.057	H	NBN PINOY NEWS	27500
11.057	H	PBO	27500
11.057	H	SERIES	27500
11.057	H	SERIES+4	27500
●11.057	H	SUPER MOVIES+1	27500
●11.057	H	TCM	27500
11.057	H	SDSJ3	27500

EUTAB2KM

Freq GHz	Pol	Channel Name	Symbol rate
11.553	V	Al Nahrin	25775
11.553	V	Aliraqiya Sports	25775
11.553	V	Almajd Alhadith Alnb	25775
11.553	V	Alqeetharah promo	25775
11.553	V	Alsaha promo	25775
11.553	V	Alsalam	25775
11.553	V	Angham	25775
11.553	V	I.M.G	25775
11.553	V	TalaVision	25775
11.553	V	Test 10	25775
11.553	V	Test 11	25775
11.553	V	Test 12	25775
11.595	V	Afaak TV	25775
11.595	V	Al Hurria TV	25775
11.595	V	Al Masar TV	25775
11.595	V	Alatheer promo	25775
11.595	V	Alwasta	25775
11.595	V	Babel TV promo	25775
11.595	V	Feeds (MC_ERTU)	25775
11.595	V	Ghinaeya	25775
11.595	V	Kurdistan TV	25775
11.595	V	Turkmeneli TV	25775
11.595	V	Radio Turkmeneli	25775
11.595	V	TEST3	25775
11.595	V	TEST4	25775
12.748	H	Radio	1100

Middle East
NILESAT 101, 102,
ATLANTIC BIRD 4
353.0 East (7.0 West)

EUTAB4MK

Freq GHz	Pol	Channel Name	Symbol rate
●10.719	V	ALJazeera Children	27500
●10.719	V	ALLORD	27500
●10.719	V	ASC	27500
●10.719	V	Hannibal Orient	27500
●10.719	V	Press TV	27500
●10.719	V	RSC TV	27500
●10.719	V	Test 10	27500
●10.719	V	Test 12	27500
●10.719	V	Test 7	27500
●10.719	V	Test 8	27500
●10.719	V	Test 9	27500
●10.728	H	LIBYA-EDU2	38500
●10.757	V	Al Kout	27500
●10.757	V	Al Rayah	27500
●10.757	V	Al Saeeda	27500
●10.757	V	AL-Atheer	27500
●10.757	V	Al-Shoroq	27500
●10.757	V	ALMAJD9	27500
●10.757	V	Falla	27500
●10.757	V	Harmony TV	27500
●10.757	V	Mersal	27500
●10.757	V	OK TV	27500
●10.757	V	Omry	27500
●10.757	V	Rabet Alkher	27500
●10.757	V	Sada TV	27500
●10.757	V	Sahoor	27500
●10.757	V	Test	27500
●10.757	V	ALKawther FM92	27500
●10.795	V	Addounia	27500
●10.795	V	Al Mukhtalif	27500
●10.795	V	AL Tejariah	27500
●10.795	V	Fanoos	27500
●10.795	V	I TV	27500
●10.795	V	Khalijiah	27500
●10.795	V	KurdSat	27500
●10.795	V	Massaya	27500
●10.795	V	Melody Tunes	27500
●10.795	V	Oman TV2	27500
●10.795	V	Test	27500
●10.795	V	Tunis 7	27500
●10.795	V	Zagros	27500
●10.795	V	Tunis Culture	27500
●10.795	V	Tunis International	27500
●10.795	V	Tunis National	27500
●10.834	V	Al Ahd	27500
●10.834	V	Al Badr	27500
●10.834	V	Al Forqan	27500
●10.834	V	Al Iraqia	27500
●10.834	V	Alseha Waljamal	27500
●10.834	V	Cairo-Univ1	27500
●10.834	V	Iraqia Atyaf	27500
●10.834	V	Iraqia Mubasher	27500
●10.834	V	Iraqia Sport	27500
●10.834	V	Najah 2	27500
●10.834	V	Temp1	27500
●10.834	V	Temp2	27500
●10.834	V	Tunisie 21	27500
●10.834	V	Algeel Radio	27500
●10.834	V	Baghdad Radio	27500
●10.834	V	Iraqia Quran	27500
●10.834	V	Shahrazad Radio	27500
●10.853	H	2M Plus	27500
●10.853	H	A3mal	27500
●10.853	H	Afak	27500
●10.853	H	Al Hekma	27500
●10.853	H	Al Rahma	27500
●10.853	H	Assaa	27500
●10.853	H	Dream Sport	27500
●10.853	H	LifeStyle TV	27500
●10.853	H	Marina TV	27500
●10.853	H	Melody TRIX	27500
●10.853	H	MODERN	27500
●10.853	H	Modern Sport	27500
●10.853	H	Test	27500
●10.930	H	Aaj TV	27500
●10.930	H	ESPN	27500
●10.930	H	INDUS VISION	27500
●10.930	H	Aghanina	27500
●10.930	H	AL-BABELEYA	27500
●10.930	H	Alitejah TV	27500
●10.930	H	ARAB TV	27500
●10.930	H	Live TV	27500
●10.930	H	Monasbat	27500
●10.930	H	Petra TV	27500
●10.930	H	Spare	27500
●10.930	H	Test3	27500
●10.930	H	Test4	27500
●10.930	H	Test5	27500
●12.341	V	AL Aan	27500
●12.341	V	ASIA BUSINESS TV	27500
●12.341	V	DECISION MAKER TV	27500
●12.341	V	Dubai Sports 2	27500
●12.341	V	FATAFEAT	27500
●12.341	V	i2 TV	27500
●12.341	V	NDTV ARABIA	27500
●12.341	V	NDTV IMAGINE	27500
●12.341	V	RAK TV	27500
●12.341	V	Space Toon English	27500
●12.360	H	A LPHA Shop	27500
●12.360	H	Al Badeel	27500
●12.360	H	Al Hafez	27500
●12.360	H	Al Mowselya TV	27500
●12.360	H	ALLIBIYA	27500
●12.360	H	ALSALAM	27500
●12.360	H	ANN TV	27500
●12.360	H	DIJLA	27500
●12.360	H	LIBYA AL-RIADHIA	27500
●12.360	H	LIBYA AL-RIADHIA	27500
●12.360	H	Nahrin	27500
●12.360	H	Panorama Drama	27500
●12.360	H	SCOPE Tv	27500
●12.360	H	Smash TV	27500
●12.360	H	ALLIBIYA FM1	27500
●12.360	H	AlSalam Radio	27500
●12.399	H	AL-Adalah	27500
●12.399	H	ALHURRIA TV	27500
●12.399	H	ALJamahereya ALLib	27500
●12.399	H	ALMasar TV	27500
●12.399	H	AlMawadah	27500
●12.399	H	AlMawadah TV	27500
●12.399	H	Ghinaeya	27500
●12.399	H	Kurdistan TV	27500
●12.399	H	Lebanon TV	27500
●12.399	H	OTV	27500
●12.399	H	Qamar-Kh	27500
●12.399	H	Qatar Festival	27500
●12.399	H	TSN	27500
●12.399	H	TURKMEN TV	27500
●12.399	H	Venus TV	27500
●12.399	H	ALJamahereya R	27500

NIL101KB

Freq GHz	Pol	Channel Name	Symbol rate
●11.747	V	A.B.C.AQTSADIA TV	27500
●11.747	V	Abu Dhabi TV	27500
●11.747	V	AL Fajr	27500
●11.747	V	Al Forat	27500
●11.747	V	Al.Manara.(sci.ch)	27500
●11.747	V	AlWasta TV	27500
●11.747	V	Beladi	27500
●11.747	V	EDUC 1	27500
●11.747	V	EDUC 2	27500
●11.747	V	EDUC 3	27500
●11.747	V	EDUC 4	27500
●11.747	V	Huda TV	27500
●11.747	V	Salah EL-Din	27500
●11.747	V	Sehaty	27500
●11.747	V	Tamima	27500
●11.747	V	Test	27500
●11.747	V	UNIV 1	27500
●11.747	V	Abu Dhabi Radio	27500
●11.747	V	Alforat	27500
●11.747	V	SGMIN	27500
●11.766	H	AL HIDAYAH	27500
●11.766	H	AL Hurra Iraq	27500
●11.766	H	Al Mishkat	27500
●11.766	H	AL MONOWA	27500
●11.766	H	Al-Resala	27500
●11.766	H	Alrai TV	27500
●11.766	H	BBCW	27500
●11.766	H	Ch 1	27500
●11.766	H	ESC 1	27500
●11.766	H	Jaras TV	27500
●11.766	H	NileTV	27500
●11.766	H	Rotana Cinema	27500
●11.766	H	Selevision TV	27500
●11.766	H	TEST	27500
●11.766	H	AL-Aghani	27500
●11.766	H	AL-Akhbar	27500
●11.766	H	AL-bernameg AL-aam	27500
●11.766	H	AL-bernameg AL-Abery	27500
●11.766	H	AL-Bernameg AL-mouss	27500
●11.766	H	AL-bernameg AL-orobi	27500
●11.766	H	AL-Kahera Al-Kobra	27500
●11.766	H	AL-Kebar	27500
●11.766	H	AL-Menia	27500
●11.766	H	AL-Quran AL_Karem	27500
●11.766	H	AL-shabab Wa AL-reya	27500
●11.766	H	AL-Sharg AL-awsat	27500
●11.766	H	Matrouh	27500
●11.766	H	Mowagahat-3	27500
●11.766	H	Mowagahat-4	27500
●11.766	H	Mowagahat-5	27500
●11.766	H	Sout AL-arab	27500
●11.766	H	Wadi Al-neil & Phala	27500
●11.766	H	Wasat-ALdelta	27500

TV Digital | **Radio** Digital | **TV** Digital Crypt | **Radio** Digital Crypt | **TV** High Definition | **TV** High Definition Crypt | **Data** Channel | **TV** Analog | **Radio** Analog

Freq Pol GHz | Channel Name | Symbol rate

NIL102KB

ATLANTIC BIRD 3
355.0 East (5.0 West)

EUTAB3SB

AMOS 1 2
356.0 East (4.0 West)

AMO001EA

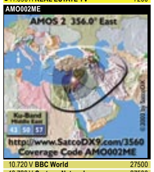
EUTAB3WB

C-Band: ATLANTIC BIRD 3
355.1 East (4.9 West)

EUTAB3TA

AMO001EU

AMO002ME



THO003KU

AMO002EU

THO002KU

THOR 2, 3
359.0 East (1.0 West)

INT10023

The Full Chart with the most up-to-date channel data is available exclusively for TELE-satellite readers from SatcoDX's CD "World of Satellites"
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- **26 - 28 May 2008: MECOM**
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  Abu Dhabi National Exhibiton Center, UAE
  www.mecom.expo.com

- **27 - 29 May 2008: ANGA Cable**
  Trade Fair for Cable, Broadband & Satellite
  KoelnMesse, Cologne, Germany
  www.angacable.de

- **17 - 20 June 2008: CommunicAsia 2008**
  19th International Communications and Information Technology Exhibition & Conference
  Singapore Expo, Singapore
  www.communicasia.com

- **18 - 19 June 2008: CAI Trade Fair 2008**
  29th Annual CAI Trade Fair
  Warwickshire Show Ground, Stoneleigh Park, Coventry, UK
  www.cai.org.uk

- **12 - 16 September 2008: IBC 2008**
  The World of Content
  RAI Exhibiton Center, Amsterdam, Netherlands
  www.ibc.org

- **7 - 12 October 2008: CeBIT Bilişim Eurasia**
  ICT trade show
  TUYAP Fair and Congress Center, Istanbul, Turkey
  www.cebitbilisim.com

- **11 - 17 October 2008: Taitronics**
  Taipei International Electroncis Show
  TWTC Nangang Exhibition Hall, Taipei, Taiwan
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