

Updated on 19 August 2010

Freq (GHz)	Pol	Beam	Channel	Analogue Audio MHz		Text MSy/s	Access	Lang.
				Digital	FEC			
HOT BIRD™ (13°EAST)								
D 10.719	V	Europe	<u>Cyfra +</u>	package	DVB	3/4	27.500 Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	
			Canal + Sport 2 Polska	TV	DVB	3/4	Y 27.500 Mediaguard 2	Polish
			HBO Comedy Polska	TV	DVB	3/4	Y 27.500 Conax/Mediaguard 2/Nagravision 3	Polish
			HBO 2 Polska	TV	DVB	3/4	Y 27.500 Conax/Mediaguard 2/Nagravision 3	Polish
			Hallmark Channel Polska	TV	DVB	3/4	27.500 Mediaguard 2	Polish
			Canal + Sport 3	TV	DVB	3/4	27.500 Mediaguard 2	Polish
			History Europe	TV	DVB	3/4	27.500 Mediaguard 2	Polish,English
			MiniMini	TV	DVB	3/4	27.500 Mediaguard 2	Polish
			Planete Polska	TV	DVB	3/4	27.500 Mediaguard 2	Polish
			Orange sport Polska	TV	DVB	3/4	27.500 Mediaguard 2/Viaccess 3.0	Polish
			4 Fun TV	TV	DVB	3/4	Y 27.500	Polish
			Movies 24 Eastern Europe	TV	DVB	3/4	27.500 Mediaguard 2	Polish,English
			HBO Polska	TV	DVB	3/4	Y 27.500 Mediaguard 2/Nagravision 3	Polish
D 10.723	H	Europe	<u>Argiva</u>	package	DVB	3/4	29.900	
			Saamen TV	TV	DVB	3/4	29.900	Farsi
			Gem Music	TV	DVB	3/4	29.900	Farsi
			MTA International	TV	DVB	3/4	29.900	English,French,German,Arabic,Bengali
			Deepam TV	TV	DVB	3/4	29.900 Viaccess 2.4/Viaccess 2.5/Viaccess 2.6	Tamil
			Global Tamil Vision Europe	TV	DVB	3/4	29.900	Tamil
			Zagros TV	TV	DVB	3/4	29.900	Kurdish
			Islam Channel	TV	DVB	3/4	29.900	English
			RTB Virgilio	TV	DVB	3/4	29.900	Italian
			Ariana Afghanistan TV	TV	DVB	3/4	29.900	
			Andisheh TV	TV	DVB	3/4	29.900	Farsi
			Ahl E Bait TV	TV	DVB	3/4	29.900	
			MTC	TV	DVB	3/4	29.900	Farsi
			Private Spice	TV	DVB	3/4	29.900 Irdeto 2/Viaccess 2.5/Viaccess 3.0	English,French
			Wedding TV Polska	TV	DVB	3/4	29.900 Nagravision 3	Russian,Polish,English,Turkish
			RTP Internacional Europa	TV	DVB	3/4	Y 29.900	Portuguese
			RDP Antena 1	radio	DVB	3/4	29.900	Portuguese
			Zagros Radio	radio	DVB	3/4	29.900	Kurdish
			RDP Internacional	radio	DVB	3/4	29.900	Portuguese
			NPR Worldwide	radio	DVB	3/4	29.900	English
D 10.758	V	Europe	<u>Cyfrowy Polsat</u>	package	DVB	5/6	27.500 Nagravision 3	
			VOD 59	TV	DVB	5/6	27.500 Nagravision 3	
			VOD 65	TV	DVB	5/6	27.500 Nagravision 3	
			VOD 64	TV	DVB	5/6	27.500 Nagravision 3	
			VOD 63	TV	DVB	5/6	27.500 Nagravision 3	
			VOD 62	TV	DVB	5/6	27.500 Nagravision 3	
			VOD 60	TV	DVB	5/6	27.500 Nagravision 3	
			VOD 23	TV	DVB	5/6	27.500 Nagravision 3	
			VOD 58	TV	DVB	5/6	27.500 Nagravision 3	
			VOD 57	TV	DVB	5/6	27.500 Nagravision 3	
			VOD 56	TV	DVB	5/6	27.500 Nagravision 3	
			VOD 55	TV	DVB	5/6	27.500 Nagravision 3	
			VOD 26	TV	DVB	5/6	27.500 Nagravision 3	
			VOD 25	TV	DVB	5/6	27.500 Nagravision 3	
			VOD 61	TV	DVB	5/6	27.500 Nagravision 3	
			VOD 24	TV	DVB	5/6	27.500 Nagravision 3	
D 10.775	H	Europe	<u>American Forces Network</u>	package	DVB	3/4	28.000 PowerVu	
			AFN Sports	TV	DVB	3/4	28.000 PowerVu	English
			AFN Guide	TV	DVB	3/4	28.000 PowerVu	English
			AFN Prime Atlantic Eifel	TV	DVB	3/4	28.000 PowerVu	English
			AFN Prime Atlantic Benelux	TV	DVB	3/4	28.000 PowerVu	English
			AFN Prime Atlantic Heidelberg	TV	DVB	3/4	28.000 PowerVu	English
			AFN Prime Atlantic Kaiserslautern	TV	DVB	3/4	28.000 PowerVu	English

Freq (GHz)	Pol	Beam	Channel	Analogue		Text MSy/s	Access	Lang.
				Audio MHz	Digital			
			AFN Prime Atlantic Hessen	TV	DVB	3/4	28.000 PowerVu	English
			AFN Prime Atlantic UK	TV	DVB	3/4	28.000 PowerVu	English
			AFN Prime Pacific	TV	DVB	3/4	28.000 PowerVu	English
			AFN Prime Atlantic	TV	DVB	3/4	28.000 PowerVu	English
			AFN Prime Atlantic Bavaria	TV	DVB	3/4	28.000 PowerVu	English
			AFN Spectrum	TV	DVB	3/4	28.000 PowerVu	English
			Drive FX	radio	DVB	3/4	28.000 PowerVu	English
			AFN Power Network Europe	radio	DVB	3/4	28.000 PowerVu	English
			AFN The Eagle Heidelberg	radio	DVB	3/4	28.000 PowerVu	English
			Z-Rock	radio	DVB	3/4	28.000 PowerVu	English
			AFN Power Network Heidelberg	radio	DVB	3/4	28.000 PowerVu	English
			Gravity	radio	DVB	3/4	28.000 PowerVu	English
			The Eagle Europe	radio	DVB	3/4	28.000 PowerVu	English
			Fox Sports Plus	radio	DVB	3/4	28.000 PowerVu	English
			Mainstream Country	radio	DVB	3/4	28.000 PowerVu	English
			Jack FM	radio	DVB	3/4	28.000 PowerVu	English
			AFN The Eagle Hessen	radio	DVB	3/4	28.000 PowerVu	English
			AFN Power Network Hessen	radio	DVB	3/4	28.000 PowerVu	English
			AFN The Eagle 100.2 FM Kaiserslautern	radio	DVB	3/4	28.000 PowerVu	English
			AFN Power Network Kaiserslautern	radio	DVB	3/4	28.000 PowerVu	English
			Classic Rock	radio	DVB	3/4	28.000 PowerVu	English
			AFN Power Network Benelux	radio	DVB	3/4	28.000 PowerVu	English
			AFN Uninterruptable Voice	radio	DVB	3/4	28.000 PowerVu	English
			Hot AC	radio	DVB	3/4	28.000 PowerVu	English
			NPR Worldwide AFRTS	radio	DVB	3/4	28.000 PowerVu	English
			AFN Eifel 105	radio	DVB	3/4	28.000 PowerVu	English
			ESPN Plus	radio	DVB	3/4	28.000 PowerVu	English
			AFN The Eagle Benelux	radio	DVB	3/4	28.000 PowerVu	English
			Freedom Radio	radio	DVB	3/4	28.000 PowerVu	English
			AFN The Eagle Bavaria	radio	DVB	3/4	28.000 PowerVu	English
			AFN Power Network Bavaria	radio	DVB	3/4	28.000 PowerVu	English
			AFN Power Network Eifel	radio	DVB	3/4	28.000 PowerVu	English
D 10.796	V	Europe	<u>Cyfra +</u>	package	DVB	3/4	27.500 Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	
			National Geographic Channel Polska	TV	DVB	3/4	27.500 Mediaguard 2	Polish,Hungarian
			Orange sport info Polska	TV	DVB	3/4	27.500 Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
			FilmBox Extra Polska	TV	DVB	3/4	27.500 Conax/Mediaguard 2	Polish
			FilmBox Polska	TV	DVB	3/4	27.500 Conax/Mediaguard 2/Nagravision 3	Polish
			FilmBox Family	TV	DVB	3/4	27.500 Conax/Mediaguard 2	Polish,Czech,Hungarian
			Polonia 1	TV	DVB	3/4	Y 27.500	Polish
			Edusat	TV	DVB	3/4	27.500	Polish
			Discovery Science Channel Polska	TV	DVB	3/4	27.500 Mediaguard 2/Nagravision 3	Polish
			Discovery World Polska	TV	DVB	3/4	27.500 Mediaguard 2/Nagravision 3	Polish
			Tele 5	TV	DVB	3/4	Y 27.500	Polish
			MTV Rocks	TV	DVB	3/4	27.500 Mediaguard 2	English
			Muzyka Arabska	radio	DVB	3/4	27.500 Mediaguard 2	
			Hity Bollywood	radio	DVB	3/4	27.500 Mediaguard 2	
			Cool Jazz	radio	DVB	3/4	27.500 Mediaguard 2	
			Country	radio	DVB	3/4	27.500 Mediaguard 2	
			Hip Hop	radio	DVB	3/4	27.500 Mediaguard 2	
			Reggae	radio	DVB	3/4	27.500 Mediaguard 2	
			Blues	radio	DVB	3/4	27.500 Mediaguard 2	
			Urban	radio	DVB	3/4	27.500 Mediaguard 2	
			Disco & Funk	radio	DVB	3/4	27.500 Mediaguard 2	
			Klasyka Nastrojowa	radio	DVB	3/4	27.500 Mediaguard 2	
			Hymny Rocka	radio	DVB	3/4	27.500 Mediaguard 2	
			Muzyka Symfoniczna	radio	DVB	3/4	27.500 Mediaguard 2	
			Niezalezna Klasyka	radio	DVB	3/4	27.500 Mediaguard 2	
			Klasyka Jazzu	radio	DVB	3/4	27.500 Mediaguard 2	
			Rozmaitosci	radio	DVB	3/4	27.500 Mediaguard 2	
			Hity lat 70	radio	DVB	3/4	27.500 Mediaguard 2	
			Hity lat 80	radio	DVB	3/4	27.500 Mediaguard 2	
			Hity lat 90	radio	DVB	3/4	27.500 Mediaguard 2	
			Nowe stare hity	radio	DVB	3/4	27.500 Mediaguard 2	
			Jeszcze raz	radio	DVB	3/4	27.500 Mediaguard 2	
			Era Rock'n'Rolla	radio	DVB	3/4	27.500 Mediaguard 2	
			Arcydziela Klasyki	radio	DVB	3/4	27.500 Mediaguard 2	

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.	
				Digital	FEC	MSy/s				
D 10.815	H	Europe	Chillout	radio	DVB	3/4	27.500	Mediaguard 2		
			New Age	radio	DVB	3/4	27.500	Mediaguard 2		
			Swiat karnawalu	radio	DVB	3/4	27.500	Mediaguard 2		
			Piosenka Francuska	radio	DVB	3/4	27.500	Mediaguard 2		
			Współczesny Pop	radio	DVB	3/4	27.500	Mediaguard 2		
			Hity Francuskie	radio	DVB	3/4	27.500	Mediaguard 2		
			Hity Wloskie	radio	DVB	3/4	27.500	Mediaguard 2		
			Dzis o milosci	radio	DVB	3/4	27.500	Mediaguard 2		
			Hity Hiszpanskie	radio	DVB	3/4	27.500	Mediaguard 2		
			R'n'B & Soul	radio	DVB	3/4	27.500	Mediaguard 2		
			Bass Breaks and Beats	radio	DVB	3/4	27.500	Mediaguard 2		
			Hity Dyskoteki	radio	DVB	3/4	27.500	Mediaguard 2		
			Muzyka Turecka	radio	DVB	3/4	27.500	Mediaguard 2		
			Rytmy na Okraglo	radio	DVB	3/4	27.500	Mediaguard 2		
			Wieczorne Party	radio	DVB	3/4	27.500	Mediaguard 2		
			Niemecki Rock	radio	DVB	3/4	27.500	Mediaguard 2		
			Metal	radio	DVB	3/4	27.500	Mediaguard 2		
			Alternatywa	radio	DVB	3/4	27.500	Mediaguard 2		
			Klasyczny Rock	radio	DVB	3/4	27.500	Mediaguard 2		
			Hity Brytyjskie	radio	DVB	3/4	27.500	Mediaguard 2		
			<u>RRsat Global Communications Network</u>	package	DVB	5/6	27.500			
			Fashion TV Europe	TV	DVB	5/6	27.500			
			Thai TV Global Network	TV	DVB	5/6	27.500			Thai
			MKTV Sat	TV	DVB	5/6	27.500			Macedonian
			KurdSat	TV	DVB	5/6	27.500			Kurdish
			KICC TV	TV	DVB	5/6	27.500			English
			Arirang World	TV	DVB	5/6	27.500			Korean
			CNL Evropa	TV	DVB	5/6	27.500			Russian
			BVN TV Europa	TV	DVB	5/6	27.500			Dutch
			3ABN International	TV	DVB	5/6	27.500			English
			Didar Global TV	TV	DVB	5/6	27.500			Farsi
			Baby TV Europe	TV	DVB	5/6	27.500	Conax/Cryptoworks/Viaccess 2.5/Viaccess 2.6/Viaccess 3.0		German,English,French,Dutch,Turkish,Polish,Spanish,Portuguese,Italian
			VTV 4	TV	DVB	5/6	27.500			Vietnamese
			Red Hot Sex TV 1	TV	DVB	5/6	27.500	Viaccess 3.0		
			Rojhelat TV	TV	DVB	5/6	27.500			Kurdish
			Al-Alamia	TV	DVB	5/6	27.500			Arabic
			XXX Xtreme	TV	DVB	5/6	27.500	Conax/Irdeto 2/Nagravision 3/Viaccess 2.6		English
			Red Hot Sex TV 2	TV	DVB	5/6	27.500	Viaccess 3.0		
			Red Hot Sex TV 3	TV	DVB	5/6	27.500	Viaccess 3.0		
			Red Hot Sex TV 4	TV	DVB	5/6	27.500	Viaccess 3.0		
			3ABN Radio	radio	DVB	5/6	27.500			English
			Hornafrik Radio	radio	DVB	5/6	27.500			Somali
			Voice of Tamils	radio	DVB	5/6	27.500			Tamil
			Neo Zwei	radio	DVB	5/6	27.500			German
			RNW 2	radio	DVB	5/6	27.500			English
			RNW 1	radio	DVB	5/6	27.500			Dutch
			The Overcomer	radio	DVB	5/6	27.500			English
Rock Nation	radio	DVB	5/6	27.500			German			
94 EFM	radio	DVB	5/6	27.500			Thai			
Makedonsko Radio	radio	DVB	5/6	27.500			Macedonian			
Voice of Vietnam	radio	DVB	5/6	27.500						
<u>N</u>	package	DVB-S2	3/4	27.500	Conax/Mediaguard 2					
MTV Rocks	TV	DVB-S2	3/4	27.500	Conax		English			
Da Vinci Learning	TV	DVB-S2	3/4	27.500	Conax		Polish			
AXN Polska	TV	DVB-S2	3/4	27.500	Conax		Polish			
ESPN America Europe	TV	DVB-S2	3/4	27.500	Conax		English			
Sport Klub + Polska	TV	DVB-S2	3/4	27.500	Conax		Polish			
Disney XD Polska	TV	DVB-S2	3/4	27.500	Conax		Polish			
JimJam Europe	TV	DVB-S2	3/4	27.500	Conax		Polish			
AXN Sci-Fi Polska	TV	DVB-S2	3/4	27.500	Conax		Polish			
AXN Crime	TV	DVB-S2	3/4	27.500	Conax		Polish			
KidsCo East Europe	TV	DVB-S2	3/4	27.500	Conax		Polish			
Movies 24 Eastern Europe	TV	DVB-S2	3/4	27.500	Conax		Polish			
Cinemax 2 Central Europe	TV	DVB-S2	3/4	27.500	Conax		Polish			
Cartoon Network Central & Eastern Europe	TV	DVB-S2	3/4	27.500	Conax		Polish			
Discovery World Polska	TV	DVB-S2	3/4	27.500	Conax		Polish			
Animal Planet Europe	TV	DVB-S2	3/4	27.500	Conax		Polish			

Freq (GHz)	Pol	Beam	Channel	Analogue Audio MHz		Text MSy/s	Access	Lang.	
				Digital	FEC				
D 10.853	H	Europe	Discovery Science Channel	TV	DVB-S2	3/4	27.500	Conax	Polish
			Polska	TV	DVB-S2	3/4	27.500	Conax	Polish
			Sport Klub Polska	TV	DVB-S2	3/4	27.500	Conax	Polish
			TVP Historia	TV	DVB-S2	3/4	27.500	Conax	Polish
			Eska TV	TV	DVB-S2	3/4	27.500		Polish
			Blue Hustler Europe	TV	DVB-S2	3/4	27.500	Conax	English
			BBC HD Scandinavia	TV	DVB-S2	3/4	27.500	Conax/Mediaguard 2	Polish,English
			<u>Media Broadcast</u>	package	DVB	3/4	27.500		
			DM Digital Arabia	TV	DVB	3/4	27.500		Arabic
			IFM TV	TV	DVB	3/4	27.500		Farsi
			E4me TV	TV	DVB	3/4	27.500		Farsi
			Omid-e-Iran	TV	DVB	3/4	27.500		Farsi
			Persian star	TV	DVB	3/4	27.500		
			Persian Film	TV	DVB	3/4	27.500		Farsi
			Arab Girls	TV	DVB	3/4	27.500		Arabic
			PDF Channel	TV	DVB	3/4	27.500		
			Suryoyo Sat	TV	DVB	3/4	27.500		
			Eurotic TV	TV	DVB	3/4	27.500		German
			IMN TV	TV	DVB	3/4	27.500		Farsi
			Pakistan Girls	TV	DVB	3/4	27.500		Arabic
			Supreme Master TV	TV	DVB	3/4	27.500		English
			Sexy Arab	TV	DVB	3/4	27.500		Arabic
			Fatayat 7'armanat	TV	DVB	3/4	27.500		
			7 armanat Nar	TV	DVB	3/4	27.500		Arabic
			Alo TV	TV	DVB	3/4	27.500		Turkish
			ArabSexClub	TV	DVB	3/4	27.500		Arabic
			Smart Live Casino Roulette	TV	DVB	3/4	27.500		English
			India love TV	TV	DVB	3/4	27.500		
			TV Market	TV	DVB	3/4	27.500		Farsi
			<u>SNRT</u>	package	DVB	3/4	27.500		
			Assadissa	TV	DVB	3/4	27.500		Arabic
			Al Aoula Middle East	TV	DVB	3/4	27.500		Arabic
			Al Aoula Maroc	TV	DVB	3/4	27.500	BISS	Arabic
			Arrabia	TV	DVB	3/4	27.500		Arabic
			Al Aoula Europe	TV	DVB	3/4	27.500		Arabic
			Medi 1 Sat	TV	DVB	3/4	27.500		French
			Arryadia	TV	DVB	3/4	27.500		Arabic
			Tamazight	TV	DVB	3/4	27.500		
			Al Maghribia	TV	DVB	3/4	27.500		Arabic
Chaïne Inter	radio	DVB	3/4	27.500					
Idaa al Amazighia	radio	DVB	3/4	27.500		Arabic			
Idaal al Watania	radio	DVB	3/4	27.500		Arabic			
Idaa Mohammed Assadiss	radio	DVB	3/4	27.500		Arabic			
Radio Régional de Dakhla	radio	DVB	3/4	27.500					
Radio Fes	radio	DVB	3/4	27.500					
Idaal al Watania	radio	DVB	3/4	27.500		Arabic			
Medi 1 Radio	radio	DVB	3/4	27.500		French			
<u>Cyfra ±</u>	package	DVB	3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0				
Canal + Sport Polska	TV	DVB	3/4	Y 27.500	Mediaguard 2	Polish,Polish			
TVP 2	TV	DVB	3/4	Y 27.500	Conax/Mediaguard 2/Viaccess 3.0	Polish,Polish			
Hyper	TV	DVB	3/4	27.500	Mediaguard 2	Polish			
Ale Kino!	TV	DVB	3/4	Y 27.500	Mediaguard 2	Polish			
Kuchnia TV	TV	DVB	3/4	27.500	Mediaguard 2	Polish			
Canal + Film	TV	DVB	3/4	Y 27.500	Mediaguard 2	Polish,Polish			
Domo	TV	DVB	3/4	27.500	Mediaguard 2	Polish			
TVP 1	TV	DVB	3/4	Y 27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish,Polish			
Canal + Polska	TV	DVB	3/4	Y 27.500	Mediaguard 2	Polish			
ZigZap	TV	DVB	3/4	27.500	Mediaguard 2	Polish			
Antyradio	radio	DVB	3/4	27.500	Mediaguard 2	Polish			
Polskie Radio Czwórka	radio	DVB	3/4	27.500		Polish			
Polskie Radio Jedynka	radio	DVB	3/4	27.500		Polish			
Polskie Radio Dwójka	radio	DVB	3/4	27.500		Polish			
Polskie Radio Trójka	radio	DVB	3/4	27.500		Polish			
Polskie Radio dla zagranicy	radio	DVB	3/4	27.500		Polish			
Chilli Zet	radio	DVB	3/4	27.500	Mediaguard 2	Polish			
Tok FM	radio	DVB	3/4	27.500		Polish			
Planeta FM	radio	DVB	3/4	27.500	Mediaguard 2	Polish			
Radio PIN	radio	DVB	3/4	27.500	Mediaguard 2	Polish			
RMF FM	radio	DVB	3/4	27.500	Mediaguard 2	Polish			

Freq (GHz)	Pol	Beam	Channel	Analogue Audio MHz		Text MSy/s	Access	Lang.
				Digital	FEC			
D 10.911	V	Europe	RMF Classic	radio	DVB	3/4	27.500 Mediaguard 2	Polish
			Radio Jasna Góra	radio	DVB	3/4	27.500	Polish
			RMF Maxxx	radio	DVB	3/4	27.500 Mediaguard 2	Polish
			Radio Zet	radio	DVB	3/4	27.500 Mediaguard 2	Polish
			<u>Orange Polska</u>	package	DVB-S2	3/4	27.500 Viaccess 3.0	
			TVP Sport	TV	DVB-S2	3/4	27.500 Viaccess 3.0	Polish
			Kino Polska	TV	DVB-S2	3/4	27.500 Viaccess 3.0	Polish
			Zone Romantica Polska & Magyar	TV	DVB-S2	3/4	27.500 Viaccess 3.0	Polish
			Zone Reality Polska	TV	DVB-S2	3/4	27.500 Viaccess 3.0	Polish
			Zone Club Polska	TV	DVB-S2	3/4	27.500 Viaccess 3.0	Polish
			Movies 24 Eastern Europe	TV	DVB-S2	3/4	27.500 Viaccess 3.0	Polish
			Disney XD Polska	TV	DVB-S2	3/4	27.500 Viaccess 3.0	Polish
			HBO Comedy Polska	TV	DVB-S2	3/4	27.500 Viaccess 3.0	Polish
			HBO 2 Polska	TV	DVB-S2	3/4	27.500 Viaccess 3.0	Polish
			ESPN Classic Europe	TV	DVB-S2	3/4	27.500 Viaccess 3.0	Polish
			Travel Channel	TV	DVB-S2	3/4	27.500 Viaccess 3.0	English
			Disney Channel Polska	TV	DVB-S2	3/4	27.500 Viaccess 3.0	Polish
			Zone Europa	TV	DVB-S2	3/4	27.500 Viaccess 3.0	Polish
			ESPN America Europe	TV	DVB-S2	3/4	27.500 Viaccess 3.0	English
			Animal Planet Europe	TV	DVB-S2	3/4	27.500 Viaccess 3.0	Polish
HBO Polska	TV	DVB-S2	3/4	27.500 Viaccess 3.0	Polish,English			
HBO Polska	TV	DVB-S2	3/4	27.500 Viaccess 3.0	Polish			
D 10.930	H	Europe	<u>Nova</u>	package	DVB	3/4	27.500 Irdeto 2	
			Novacinema 2	TV	DVB	3/4	27.500 Irdeto 2	Greek
			Novasports 3	TV	DVB	3/4	27.500 Irdeto 2	Greek
			National Geographic Channel România	TV	DVB	3/4	27.500 Irdeto 2	English
			MTV Greece	TV	DVB	3/4	27.500 Irdeto 2	Greek
			The MGM Channel East Europe	TV	DVB	3/4	27.500 Irdeto 2	English
			Mad Greekz	TV	DVB	3/4	27.500 Irdeto 2	Greek
			Animal Planet Africa	TV	DVB	3/4	27.500 Irdeto 2	Greek
			VH1 Europe A	TV	DVB	3/4	27.500 Irdeto 2	English
			Novacinema 1 Cyprus	TV	DVB	3/4	27.500 Irdeto 2	Greek
			Travel Channel	TV	DVB	3/4	27.500 Irdeto 2	English
			Real FM	radio	DVB	3/4	27.500 Irdeto 2	Greek
			Vima FM 99.5	radio	DVB	3/4	27.500 Irdeto 2	Greek
			NovaSpor FM	radio	DVB	3/4	27.500 Irdeto 2	Greek
			Senra FM	radio	DVB	3/4	27.500 Irdeto 2	Greek
			Nova programma	interacti	DVB	3/4	27.500 Irdeto 2	
			Novascope	interacti	DVB	3/4	27.500 Irdeto 2	
			<u>GlobeCast</u>	package	DVB	3/4	27.500	
			Dhamma Media Channel	TV	DVB	3/4	27.500	Thai,English
			Miracle	TV	DVB	3/4	27.500	Arabic
Al Hiwar TV	TV	DVB	3/4	27.500	Arabic			
Future News	TV	DVB	3/4	27.500	Arabic			
Karbala Satellite Channel	TV	DVB	3/4	27.500	Arabic			
Disney Channel Polska	TV	DVB	3/4	27.500 Conax/Mediaguard 2/Nagravision 3	Polish,English			
ANB	TV	DVB	3/4	27.500	Arabic			
NourSat	TV	DVB	3/4	27.500	Arabic			
Sat 7 Kids	TV	DVB	3/4	27.500	Arabic			
Sat 7 Pars	TV	DVB	3/4	27.500	Farsi			
Deejay TV	TV	DVB	3/4	27.500	Italian			
TCM Central & Eastern Europe	TV	DVB	3/4	27.500 Conax/Cryptoworks/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish,Hungarian,Romanian,English			
Cartoon Network Central & Eastern Europe	TV	DVB	3/4	27.500 Conax/Cryptoworks/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish,Hungarian,Romanian,English			
Al-Forat Satellite TV Channel	TV	DVB	3/4	27.500	Arabic			
D 10.971	H	Europe	<u>RRsat Global Communications Network</u>	package	DVB	3/4	27.500	
			Imam Hussein TV	TV	DVB	3/4	27.500	Arabic
			Universal TV	TV	DVB	3/4	27.500	Somali
			La 8	TV	DVB	3/4	27.500	Italian
			La 9 Sat	TV	DVB	3/4	27.500	Italian
			Telenova	TV	DVB	3/4	27.500	Italian
			NTD TV	TV	DVB	3/4	27.500	Chinese
			RT English	TV	DVB	3/4	27.500	English
			EUArmenia	TV	DVB	3/4	27.500	Armenian
			Myanmar International	TV	DVB	3/4	27.500	English
			Tapesh TV	TV	DVB	3/4	27.500	Farsi
			Universal TV	TV	DVB	3/4	27.500	Somali
			God TV Europe	TV	DVB	3/4	27.500	English

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
			Baby TV Europe	TV	DVB	3/4	27.500	Conax/Cryptoworks/Viaccess 2.5/Viaccess 2.6/Viaccess 3.0	German,English,French,Dutch,Turkish,Poli sh,Spanish,Portuguese,Italian
			Payam-e-Afghan TV	TV	DVB	3/4	27.500		Farsi
			The Word Network	TV	DVB	3/4	27.500		English
			Music Box Ru	TV	DVB	3/4	27.500		Russian
			TRT Türk	TV	DVB	3/4	Y 27.500		Turkish
			Al Anwar TV	TV	DVB	3/4	27.500		Arabic
			TVK	TV	DVB	3/4	27.500		
			Radio Jamwar	radio	DVB	3/4	27.500		
			Voice of Turkey World	radio	DVB	3/4	27.500		
			Voice of Turkey West	radio	DVB	3/4	27.500		
			TRT FM	radio	DVB	3/4	27.500		Turkish
			TSR	radio	DVB	3/4	27.500		Turkish
			Radio Nawa Arabic	radio	DVB	3/4	27.500		Arabic
			VAB Radio	radio	DVB	3/4	27.500		Vietnamese
			Radio Nawa Kurdish	radio	DVB	3/4	27.500		Kurdish
D 10.992	V	Europe	<u>RAI</u>	package	DVB	2/3	27.500	Mediaguard 1/Nagravision 3	
			Rai 4	TV	DVB	2/3	Y 27.500	Mediaguard 1/Nagravision 3	Italian
			Rai News	TV	DVB	2/3	27.500		Italian
			Rai 3	TV	DVB	2/3	Y 27.500	Mediaguard 1/Nagravision 3	Italian
			Rai 2	TV	DVB	2/3	Y 27.500	Mediaguard 1/Nagravision 3	Italian
			Rai Movie	TV	DVB	2/3	27.500	Nagravision 3	Italian
			Rai 1	TV	DVB	2/3	Y 27.500	Mediaguard 1/Nagravision 3	Italian
			Rai Radio 1 AM	radio	DVB	2/3	27.500		Italian
			Filodiffusione 4	radio	DVB	2/3	27.500		Italian
			Rai Radio 2	radio	DVB	2/3	27.500		Italian
			Rai Italia Radio	radio	DVB	2/3	27.500		
			Rai Italia Radio	radio	DVB	2/3	27.500		
			Rai Radio 3	radio	DVB	2/3	27.500		Italian
D 11.013	H	Europe	<u>RSat Global Communications Network</u>	package	DVB	3/4	27.500		
			Gali Kurdistan	TV	DVB	3/4	27.500		Kurdish
			Mohabat TV	TV	DVB	3/4	27.500		Farsi
			CGN TV	TV	DVB	3/4	27.500		Korean
			Mare TV	TV	DVB	3/4	27.500		Italian
			RT Arabic	TV	DVB	3/4	27.500		Arabic
			Hope Channel Europe	TV	DVB	3/4	27.500		
			Mondo Shop	TV	DVB	3/4	27.500		Italian
			Al Fayhaa TV	TV	DVB	3/4	27.500		Arabic
			Ru TV	TV	DVB	3/4	27.500		Russian
			Pro TV International	TV	DVB	3/4	27.500		Romanian
			Number One Channel	TV	DVB	3/4	27.500		Italian
			Fuego TV	TV	DVB	3/4	27.500		Italian
			One	TV	DVB	3/4	27.500		Italian
			Eurotic TV	TV	DVB	3/4	27.500		
			Russian Travel Guide TV	TV	DVB	3/4	27.500		English,Russian
			MTA 3 Al Arabiyah	TV	DVB	3/4	27.500		Arabic
			Diprè Art Channel	TV	DVB	3/4	27.500		Italian
			In TV	TV	DVB	3/4	27.500		Italian
			Radio Number One	radio	DVB	3/4	27.500		Italian
			Radio Novaya Zhizn	radio	DVB	3/4	27.500		Russian
			London Tamil FM	radio	DVB	3/4	27.500		Tamil
			Eurapejskaje Radyjo dla Bielarusi	radio	DVB	3/4	27.500		Belarussian
			GTBC FM	radio	DVB	3/4	27.500		Tamil
			European Tamil Radio	radio	DVB	3/4	27.500		Tamil
			Radio Mojdeh	radio	DVB	3/4	27.500		Farsi
			Exiled Broadcasting Network	radio	DVB	3/4	27.500		English
			TBC	radio	DVB	3/4	27.500		Tamil
			Russkoe Radio	radio	DVB	3/4	27.500	Codicrypt	Russian
D 11.034	V	Europe	<u>GlobeCast</u>	package	DVB	3/4	27.500		
			Al Jazeera English	TV	DVB	3/4	27.500		English
			AzTV	TV	DVB	3/4	27.500		Azerbaijan
			Algérie 4	TV	DVB	3/4	27.500		
			Sarafan	TV	DVB	3/4	27.500		Russian
			Shanson TV	TV	DVB	3/4	27.500		Russian
			2M Monde	TV	DVB	3/4	27.500		Arabic
			CCTV News English	TV	DVB	3/4	27.500		English
			Shant TV	TV	DVB	3/4	27.500		Armenian
			RTR Planeta	TV	DVB	3/4	27.500		Russian
			Rossiya 24	TV	DVB	3/4	27.500		Russian
			Game One	TV	DVB	3/4	27.500	Viaccess 2.5/Viaccess 3.0	French

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
D 11.054	H	Europe	Algérie 5	TV	DVB	3/4	27.500		Arabic
			Berbère TV	TV	DVB	3/4	27.500	Viaccess 2.5	French
			Berbère Radio	radio	DVB	3/4	27.500		Berber
			Radio Antenn	radio	DVB	3/4	27.500		Azerbaijan
			Radio Chanson	radio	DVB	3/4	27.500		Russian
			Radio 2M	radio	DVB	3/4	27.500		
			<u>Media Broadcast</u>	package	DVB	5/6	27.500		
			Iran Beauty	TV	DVB	5/6	27.500		Farsi
			Persian star	TV	DVB	5/6	27.500		
			Ebru TV	TV	DVB	5/6	27.500		English
			Iran Music	TV	DVB	5/6	27.500		
			Iran Tele Market	TV	DVB	5/6	27.500		
			CTV	TV	DVB	5/6	27.500		Arabic
			Beladi Satellite TV	TV	DVB	5/6	27.500		Arabic
			ZDF	TV	DVB	5/6	Y 27.500		German
			RTL Schweiz	TV	DVB	5/6	Y 27.500	Cryptoworks	German,German
			RTL 2 Schweiz	TV	DVB	5/6	Y 27.500		German
			BW TV	TV	DVB	5/6	27.500	PowerVu	German
			Mohajer International TV	TV	DVB	5/6	27.500		Farsi
			Sri TV	TV	DVB	5/6	27.500		
			TV Persia 1	TV	DVB	5/6	27.500		Farsi
			EuroSpar Music	radio	DVB	5/6	27.500		German
			POS Radio Kaufland	radio	DVB	5/6	27.500		German
			POS Radio	radio	DVB	5/6	27.500		German
			POS Radio Euro AC	radio	DVB	5/6	27.500		German
			POS Radio CHR	radio	DVB	5/6	27.500		German
			POS Radio AC	radio	DVB	5/6	27.500		German
			POS Radio Hot AC	radio	DVB	5/6	27.500		German
			POS Radio Soft AC	radio	DVB	5/6	27.500		German
			D 11.075	V	Europe	<u>Viacom</u>	package	DVB	3/4
MTV Europe	TV	DVB				3/4	27.500	Cryptoworks	English
MTV Polska	TV	DVB				3/4	27.500	Conax/Cryptoworks/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
VH1 Polska	TV	DVB				3/4	27.500	Conax/Cryptoworks/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
VH1 Europe A	TV	DVB				3/4	27.500	Conax/Cryptoworks	English
Comedy Central Polska	TV	DVB				3/4	27.500	Conax/Cryptoworks/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
Nickelodeon Europe	TV	DVB				3/4	27.500	Conax/Cryptoworks/Nagravision 3/Viaccess 3.0	English,Hungarian,Russian,Portuguese
MTVn HD	TV	DVB				3/4	27.500	Conax/Cryptoworks/Mediaguard 2/Nagravision 3/Viaccess 3.0	English,English
Viva Polska	TV	DVB				3/4	27.500		Polish
D 11.096	H	Europe				<u>American Forces Network</u>	package	DVB	3/4
			AFN News	TV	DVB	3/4	28.000	PowerVu	English
			AFN Prime Freedom	TV	DVB	3/4	28.000	PowerVu	English
			AFN Movie	TV	DVB	3/4	28.000	PowerVu	English
			AFN Family	TV	DVB	3/4	28.000	PowerVu	English
			Pentagon Channel	TV	DVB	3/4	28.000		English
			AFN Xtra	TV	DVB	3/4	28.000	PowerVu	English
			AFN Prime Atlantic Sigonella	TV	DVB	3/4	28.000	PowerVu	English
			AFN Prime Atlantic Naples	TV	DVB	3/4	28.000	PowerVu	English
			AFN Prime Atlantic Vicenza	TV	DVB	3/4	28.000	PowerVu	English
			AFN Prime Atlantic Aviano	TV	DVB	3/4	28.000	PowerVu	English
			AFN Prime Rota	TV	DVB	3/4	28.000	PowerVu	English
			AFN The Eagle Rota	radio	DVB	3/4	28.000	PowerVu	English
			AFN Power Network Livorno	radio	DVB	3/4	28.000	PowerVu	English
			AFN The Eagle Livorno	radio	DVB	3/4	28.000	PowerVu	English
			AFN Uninterruptable Voice	radio	DVB	3/4	28.000		English
			Z-Rock	radio	DVB	3/4	28.000		English
			AFN Freedom Radio	radio	DVB	3/4	28.000	PowerVu	English
			106 The Power Network	radio	DVB	3/4	28.000	PowerVu	English
			AFN The Eagle Sigonella	radio	DVB	3/4	28.000	PowerVu	English
			AFN Power Network Naples	radio	DVB	3/4	28.000	PowerVu	English
			AFN The Eagle Naples	radio	DVB	3/4	28.000	PowerVu	English
			Power 107 FM	radio	DVB	3/4	28.000	PowerVu	English
			AFN The Eagle Vicenza 106	radio	DVB	3/4	28.000	PowerVu	English
			Power 107 FM	radio	DVB	3/4	28.000	PowerVu	English
AFN The Eagle Vicenza 106	radio	DVB	3/4	28.000	PowerVu	English			
AFN The Eagle Souda Bay	radio	DVB	3/4	28.000	PowerVu	English			
AFN Power Network Sigonella	radio	DVB	3/4	28.000	PowerVu	English			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.			
				Digital	FEC							
D 11.117	V	Europe	<u>GlobeCast</u>	package	DVB	3/4	27.500	Conax/Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 3.0				
			CBeebies Polska	TV	DVB	3/4	27.500	Nagravision 3/Viaccess 3.0	Polish,English			
			Discovery Travel & Living Europe	TV	DVB	3/4	27.500	Conax/Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish,English			
			Investigation Discovery Europe	TV	DVB	3/4	27.500	Conax/Irdeto 2/Mediaguard 2/Viaccess 3.0	Polish,English			
			CNBC Europe	TV	DVB	3/4	27.500		English			
			R1	TV	DVB	3/4	27.500		Russian			
			BBC Lifestyle Polska	TV	DVB	3/4	27.500	Nagravision 3/Viaccess 3.0	Polish,English			
			BBC Knowledge Polska	TV	DVB	3/4	27.500	Nagravision 3/Viaccess 3.0	Polish,English			
			BBC Entertainment Polska	TV	DVB	3/4	27.500	Nagravision 3/Viaccess 3.0	Polish,English			
			Yes Italia	TV	DVB	3/4	27.500		Italian			
			D 11.137	H	Europe	<u>Argiva</u>	package	DVB	3/4	27.500		
						Kurdistan TV	TV	DVB	3/4	27.500		Kurdish
Motors TV	TV	DVB				3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6/Viaccess 3.0	French,English,German,Serbian,Greek			
TV 5 Monde FBS	TV	DVB				3/4	Y 27.500		French			
TV 5 Monde Europe	TV	DVB				3/4	Y 27.500		French			
Crime & Investigation Network UK	TV	DVB				3/4	27.500	Mediaguard 2	English,Polish			
NHK World TV	TV	DVB				3/4	27.500		English			
Sardegna 1 Sat	TV	DVB				3/4	27.500		Italian			
TelefortuneSat	TV	DVB				3/4	27.500		Italian			
Gem TV	TV	DVB				3/4	27.500		Farsi			
Videolina Sat	TV	DVB				3/4	27.500		Italian			
Radiolina	radio	DVB				3/4	27.500		Italian			
D 11.158	V	Europe				<u>Cyfrowy Polsat</u>	package	DVB	3/4	27.500	Conax/Mediaguard 2/Nagravision 3	
						Polsat Café	TV	DVB	3/4	27.500	Nagravision 3	Polish
						Polsat 2	TV	DVB	3/4	27.500	Nagravision 3	Polish
			TV Biznes	TV	DVB	3/4	27.500		Polish			
			Polsat Sport Extra	TV	DVB	3/4	27.500	Nagravision 3	Polish			
			Polsat Sport	TV	DVB	3/4	27.500	Nagravision 3	Polish			
			TV 4	TV	DVB	3/4	Y 27.500	Conax/Mediaguard 2/Nagravision 3	Polish			
			Polsat Play	TV	DVB	3/4	27.500	Nagravision 3	Polish			
			Polsat	TV	DVB	3/4	Y 27.500	Nagravision 3	Polish			
			Polsat News	TV	DVB	3/4	27.500	Nagravision 3	Polish			
			D 11.179	H	Europe	<u>Telespazio</u>	package	DVB	3/4	27.500		
						Studio Europa	TV	DVB	3/4	27.500		Italian
Tele Padre Pio	TV	DVB				3/4	27.500		Italian			
Telemarket	TV	DVB				3/4	Y 27.500		Italian			
TV Canção Nova Internacional	TV	DVB				3/4	27.500		Portuguese			
GBR	TV	DVB				3/4	27.500		Italian			
New TV	TV	DVB				3/4	27.500		Italian			
TV Moda	TV	DVB				3/4	27.500		Italian			
TRSP	TV	DVB				3/4	27.500		Italian			
Telelotto	TV	DVB				3/4	27.500		Italian			
TeF Channel	TV	DVB				3/4	27.500		Italian			
Globe Media	TV	DVB				3/4	27.500		Italian			
Super Tennis	TV	DVB				3/4	27.500		Italian			
D 11.200	V	Europe				<u>Milano Teleport</u>	package	DVB	5/6	27.500		
						Elite Shopping TV	TV	DVB	5/6	27.500		Italian
			Liguria TV	TV	DVB	5/6	27.500		Italian			
			Italamia 2	TV	DVB	5/6	27.500		Italian			
			Lunasat	TV	DVB	5/6	27.500		Italian			
			Sat 8	TV	DVB	5/6	27.500		Italian			
			Puntoshop Channel	TV	DVB	5/6	27.500		Italian			
			UTV	TV	DVB	5/6	27.500		English			
			Mediatel	TV	DVB	5/6	Y 27.500		Italian			
			Free Channel	TV	DVB	5/6	27.500		Italian			
			KlikSat	TV	DVB	5/6	27.500		Farsi			
			Betting Channel	TV	DVB	5/6	27.500		Italian			
			Odeon Sat	TV	DVB	5/6	27.500		Italian			
			Velayat TV Network	TV	DVB	5/6	27.500		Urdu			
			Arte Oggi TV	TV	DVB	5/6	27.500		Italian			
			Sathouse promo	TV	DVB	5/6	27.500		Italian			
			Star Sat	TV	DVB	5/6	27.500		Italian			
			Play TV	TV	DVB	5/6	27.500		Italian			
			Motori TV	TV	DVB	5/6	27.500		Italian			
			EBC 1	TV	DVB	5/6	27.500		Farsi			
Trentino TV	TV	DVB	5/6	27.500		Italian						
TeleCampione	TV	DVB	5/6	27.500		Italian						

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.		
				Digital	FEC	MSy/s					
D 11.219	H	Europe	G Channel	TV	DVB	5/6	27.500			Italian	
			Radio Intesa San Paolo	radio	DVB	5/6	27.500			Italian	
			Radio Euronics	radio	DVB	5/6	27.500			Italian	
			Rang-a-Rang Radio	radio	DVB	5/6	27.500			Farsi	
			Radio Shora	radio	DVB	5/6	27.500			Arabic	
			Radio Jeans	radio	DVB	5/6	27.500			Italian	
			Radio McDonald's	radio	DVB	5/6	27.500			Italian	
			Radio Expert	radio	DVB	5/6	27.500			Italian	
			Gye Nyame Radio	radio	DVB	5/6	27.500				
			Salam Watandar	radio	DVB	5/6	27.500				
			<u>Sky Italia</u>	package	DVB	3/4	27.500	Videoguard			
			Disney XD Italia	TV	DVB	3/4	27.500	Videoguard			Italian
			Match Music TV	TV	DVB	3/4	27.500	Videoguard			Italian
			Hip Hop TV	TV	DVB	3/4	27.500	Videoguard			Italian
			Cartoon Network Italia	TV	DVB	3/4	27.500	Videoguard			Italian
			DeA Kids +1	TV	DVB	3/4	27.500	Videoguard			Italian
			Discovery Channel Italia +1	TV	DVB	3/4	27.500	Videoguard			Italian
			Rock TV	TV	DVB	3/4	27.500	Videoguard			Italian
			Mediaset Plus	TV	DVB	3/4	27.500	Videoguard			Italian
			Playhouse Disney Italia +1	TV	DVB	3/4	27.500	Videoguard			Italian
			Soul Train	radio	DVB	3/4	27.500	Videoguard			
			Rock Shock	radio	DVB	3/4	27.500	Videoguard			
			Capital Rock Classic	radio	DVB	3/4	27.500	Videoguard			
			Jazz Gold	radio	DVB	3/4	27.500	Videoguard			
			Extra Beat	radio	DVB	3/4	27.500	Videoguard			
			Sinfonia	radio	DVB	3/4	27.500	Videoguard			
			Cinema DeeJay	radio	DVB	3/4	27.500	Videoguard			
			Baby Mix	radio	DVB	3/4	27.500	Videoguard			
			Disc Joker	radio	DVB	3/4	27.500	Videoguard			
			Jazz & Fusion	radio	DVB	3/4	27.500	Videoguard			
			B-Side	radio	DVB	3/4	27.500	Videoguard			
			Dance	radio	DVB	3/4	27.500	Videoguard			
			Heart 'n Song	radio	DVB	3/4	27.500	Videoguard			
			Capital Livetime	radio	DVB	3/4	27.500	Videoguard			
			Yesterjay 2000	radio	DVB	3/4	27.500	Videoguard			
			Soulsista	radio	DVB	3/4	27.500	Videoguard			
			Opera	radio	DVB	3/4	27.500	Videoguard			
			Capital '70	radio	DVB	3/4	27.500	Videoguard			
			Italian Vintage	radio	DVB	3/4	27.500	Videoguard			
			Hit Italia	radio	DVB	3/4	27.500	Videoguard			
			Yesterjay '90	radio	DVB	3/4	27.500	Videoguard			
			Yesterjay '80	radio	DVB	3/4	27.500	Videoguard			
			Deejay 50 Songs	radio	DVB	3/4	27.500	Videoguard			
Ritmo Latino	radio	DVB	3/4	27.500	Videoguard						
Vintage '60	radio	DVB	3/4	27.500	Videoguard						
D 11.240	V	Europe	<u>Eutelsat</u>	package	DVB	3/4	27.500	Conax/Cryptoworks/Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 2.5/Viaccess 2.6/Viaccess 3.0/Viaccess 4.0			
			Club RTL	TV	DVB	3/4	Y 27.500	Mediaguard 2/Viaccess 4.0	French		
			Eurosport	TV	DVB	3/4	Y 27.500	Conax/Cryptoworks/Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 2.5/Viaccess 2.6/Viaccess 3.0/Viaccess 4.0/Videoguard	English,Greek,Dutch,Polish,Russian,Portuguese,Romanian,Czech,Hungarian,Bulgarian,Turkish,Serbian		
			RTL TVI	TV	DVB	3/4	Y 27.500	Mediaguard 2/Viaccess 4.0	French		
			Plug RTL	TV	DVB	3/4	Y 27.500	Mediaguard 2/Viaccess 4.0	French		
			Disney Channel France	TV	DVB	3/4	27.500	Mediaguard 2/Viaccess 4.0	French		
			Eurosport 2	TV	DVB	3/4	Y 27.500	Conax/Cryptoworks/Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 2.5/Viaccess 2.6/Viaccess 3.0/Videoguard	Polish,English,German,Russian,Greek,Serbian,Romanian,Turkish		
			La Deux	TV	DVB	3/4	Y 27.500	Mediaguard 2/Viaccess 4.0	French		
			France 24 Français	TV	DVB	3/4	27.500		French		
			France 24 English	TV	DVB	3/4	27.500		English		
			Eurosport 2 North-East	TV	DVB	3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English,Polish,Serbian,Czech,Danish,Russian,Swedish,Hungarian,Romanian		
D 11.258	H	Europe	<u>La Une</u>	TV	DVB	3/4	Y 27.500	Mediaguard 2/Viaccess 4.0	French		
			<u>N</u>	package	DVB-S2	3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0			
			TVP HD	TV	DVB-S2	3/4	27.500	Conax	Polish		
			NFilm HD 2	TV	DVB-S2	3/4	27.500	Conax	Polish,Polish		

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.			
				Digital	FEC							
A 11.278	V	Europe	Eurosport 2 North-East	TV	DVB-S2	3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish,Danish,Serbian,English,Czech,Russian			
			NFilm HD	TV	DVB-S2	3/4	27.500	Conax	Polish,Polish			
			Nat Geo Wild HD	TV	DVB-S2	3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish,English,French			
			Animal Planet HD	TV	DVB-S2	3/4	27.500	Conax/Mediaguard 2/Nagravision 3	Polish			
			Cinemas Central Europe	TV	DVB-S2	3/4	27.500	Conax/Mediaguard 2	Polish			
			Wojna i Pokój	TV	DVB-S2	3/4	27.500	Conax	Polish,Russian			
			Cyfra +	package	DVB-S2	3/4	27.500	Conax/Cryptoworks/Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 3.0/Videoguard				
			National Geographic Channel HD UK	TV	DVB-S2	3/4	27.500	Mediaguard 2	Polish			
			FilmBox HD	TV	DVB-S2	3/4	27.500	Conax/Mediaguard 2/Nagravision 3	Polish,Czech			
			Eurosport	TV	DVB-S2	3/4	27.500	Conax/Cryptoworks/Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 3.0/Videoguard	English,Turkish,Russian,Dutch,Czech,German,Portuguese,Polish,Hungarian,Spanish,Italian,Romanian,Greek			
			Canal + Sport Polska	TV	DVB-S2	3/4	27.500	Mediaguard 2	Polish			
			TVP HD	TV	DVB-S2	3/4	27.500	Mediaguard 2	Polish			
			Canal + Film	TV	DVB-S2	3/4	27.500	Mediaguard 2	Polish			
			D 11.296	H	Europe	Al Jazeera Sport	package	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	
Al Jazeera Sport Channel +10	TV	DVB				3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	Arabic,English			
Al Jazeera Sport Channel +7	TV	DVB				3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	Arabic,English			
Al Jazeera Sport Channel +6	TV	DVB				3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	Arabic,English			
Al Jazeera Sport Channel +5	TV	DVB				3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	Arabic,English			
Al Jazeera Sport Channel +4	TV	DVB				3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	Arabic,English			
Al Jazeera Sport Channel +3	TV	DVB				3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	Arabic,English			
Al Jazeera Sport Channel +2	TV	DVB				3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	Arabic,English			
Al Jazeera Sport Channel +1	TV	DVB				3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	English,Arabic			
Al Jazeera Sport Channel +9	TV	DVB				3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	Arabic,English			
Al Jazeera Sport World Cup Channel	TV	DVB				3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	Arabic,English			
Al Jazeera Sport Channel +8	TV	DVB				3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	Arabic,English			
D 11.317	V	Europe				Arqiva	package	DVB	3/4	27.500		
						Videolina Sat	TV	DVB	3/4	27.500		Italian
			Sardegna 1 Sat	TV	DVB	3/4	27.500		Italian			
			Suroyo TV	TV	DVB	3/4	27.500					
			Edessa TV Shop	TV	DVB	3/4	27.500					
			Suryoyo Sat	TV	DVB	3/4	27.500					
			PDF Channel	TV	DVB	3/4	27.500					
			Radio Kaszëbë	radio	DVB	3/4	27.500					
			Radiolina	radio	DVB	3/4	27.500		Italian			
			D 11.334	H	Europe	Mediaset	package	DVB-S2	2/3	27.500	Mediaguard 2/Nagravision 3	
Premium Calcio 3	TV	DVB-S2				2/3	27.500	Nagravision 3	Italian			
Italia 1	TV	DVB-S2				2/3	27.500	Mediaguard 2	Italian			
Canale 5	TV	DVB-S2				2/3	27.500	Mediaguard 2	Italian			
Steel +1	TV	DVB-S2				2/3	27.500	Nagravision 3	Italian			
Mya +1	TV	DVB-S2				2/3	27.500	Nagravision 3	Italian			
Rete 4 +1	TV	DVB-S2				2/3	27.500		Italian			
Premium Moto GP	TV	DVB-S2				2/3	27.500	Nagravision 3	Italian			
Premium Calcio	TV	DVB-S2				2/3	27.500	Nagravision 3	Italian			
Premium Calcio 6	TV	DVB-S2				2/3	27.500	Nagravision 3	Italian			
Playhouse Disney Italia	TV	DVB-S2				2/3	27.500	Nagravision 3	Italian			
Premium Calcio 4	TV	DVB-S2				2/3	27.500	Nagravision 3	Italian			
Premium Calcio 2	TV	DVB-S2				2/3	27.500	Nagravision 3	Italian			
Premium Calcio 1	TV	DVB-S2				2/3	27.500	Nagravision 3	Italian			
Premium Calcio	TV	DVB-S2				2/3	27.500	Nagravision 3	Italian			
Premium Menu	TV	DVB-S2				2/3	27.500		Italian			
Cartoon Network Italia	TV	DVB-S2				2/3	27.500	Nagravision 3	Italian			
Disney Channel Italia +1	TV	DVB-S2				2/3	27.500	Nagravision 3	Italian			
Hiro	TV	DVB-S2				2/3	27.500	Nagravision 3	Italian			
D 11.355	V	Europe				Premium Calcio 5	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian
			Sky Italia	package	DVB	3/4	27.500	Videoguard				
			Fox Life Italia +1	TV	DVB	3/4	27.500	Videoguard	Italian			
			Live!	TV	DVB	3/4	27.500	Videoguard	Italian			
			Voce	TV	DVB	3/4	27.500	Videoguard	Italian			
			Hallmark Channel Italy	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Primafila 23	TV	DVB	3/4	27.500	Videoguard	Italian,Italian			
			Sky Primafila 21	TV	DVB	3/4	27.500	Videoguard	Italian,Italian			
			Sky Assist	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Primafila 22	TV	DVB	3/4	27.500	Videoguard	Italian,Italian			
			Music Box Italia	TV	DVB	3/4	27.500	Videoguard	Italian			
Sky Radio	radio	DVB	3/4	27.500	Videoguard	Italian						

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio	MHz	Text	Access	Lang.
				Digital	FEC	MSy/s				
D 11.373	H	Europe	Radio Dimensione Suono	radio	DVB	3/4	27.500	Videoguard		Italian
			Radio Italia	radio	DVB	3/4	27.500	Videoguard		Italian
			R101	radio	DVB	3/4	27.500	Videoguard		Italian
			RTL 102.5 FM	radio	DVB	3/4	27.500	Videoguard		Italian
			Radio Kiss Kiss	radio	DVB	3/4	27.500	Videoguard		Italian
			Radio Capital	radio	DVB	3/4	27.500	Videoguard		Italian
			Virgin Radio Italia	radio	DVB	3/4	27.500	Videoguard		Italian
			Radio 105	radio	DVB	3/4	27.500	Videoguard		Italian
			Radio DeeJay	radio	DVB	3/4	27.500	Videoguard		Italian
			Radio 24	radio	DVB	3/4	27.500	Videoguard		Italian
			M2o	radio	DVB	3/4	27.500	Videoguard		Italian
			RMC 1	radio	DVB	3/4	27.500	Videoguard		Italian
			<u>Mediaset</u>	package	DVB-S2	2/3	27.500	Nagravision 3		
			Joi +1	TV	DVB-S2	2/3	27.500	Nagravision 3		Italian
			Steel	TV	DVB-S2	2/3	27.500	Nagravision 3		Italian
			Joi	TV	DVB-S2	2/3	27.500	Nagravision 3		Italian
			Premium Cinema	TV	DVB-S2	2/3	27.500	Nagravision 3		Italian,English
			Studio Universal Italia	TV	DVB-S2	2/3	27.500	Nagravision 3		Italian
			Premium Cinema Emotion	TV	DVB-S2	2/3	27.500	Nagravision 3		Italian
			Premium Cinema Energy	TV	DVB-S2	2/3	27.500	Nagravision 3		Italian
			Mya	TV	DVB-S2	2/3	27.500	Nagravision 3		Italian
D 11.393	V	Europe	<u>Telewizja na karte</u>	package	DVB	3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0		
			TVN	TV	DVB	3/4	Y 27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0		Polish,Polish
			TVN 24	TV	DVB	3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0		Polish
			TVN 7	TV	DVB	3/4	Y 27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0		Polish,Polish
			Mango 24	TV	DVB	3/4	Y 27.500			Polish
			TVN Meteo	TV	DVB	3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0		Polish
			TVN Turbo	TV	DVB	3/4	Y 27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0		Polish
			TVN Style	TV	DVB	3/4	Y 27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0		Polish
			TVN CNBC Biznes	TV	DVB	3/4	27.500	Conax/Mediaguard 2/Viaccess 3.0		Polish
			<u>Telekom Srbija</u>	package	DVB	5/6	27.500			
			X-Dream TV	TV	DVB	5/6	27.500	Conax/Irdeto 2/SkyPilot/Viaccess 2.6/Viaccess 4.0		Italian
			RTA	TV	DVB	5/6	27.500			
			Tiziana Sat	TV	DVB	5/6	27.500			Italian
			Dorcel TV	TV	DVB	5/6	27.500	Irdeto 2/Mediaguard 2/Viaccess 2.5/Viaccess 2.6/Viaccess 3.0/Viaccess 4.0		English,French,German
D 11.411	H	Europe	La Nuova TV	TV	DVB	5/6	27.500			Italian
			Al Hayat	TV	DVB	5/6	27.500			Arabic
			Free-X TV 2	TV	DVB	5/6	27.500	Conax/Irdeto 2/SkyPilot/Viaccess 2.6/Viaccess 4.0		Italian
			French Lover TV	TV	DVB	5/6	27.500	Conax/Irdeto 2/SkyPilot/Viaccess 2.6/Viaccess 4.0		French
			Redlight Premium Channel promo	TV	DVB	5/6	27.500			Italian
			RTS Satelit	TV	DVB	5/6	27.500			Serbian
			Al Islah TV	TV	DVB	5/6	27.500			Arabic
			Divafutura Channel	TV	DVB	5/6	27.500	Conax/Irdeto 2/SkyPilot/Viaccess 2.6		Italian
			Redlight Premium Channel	TV	DVB	5/6	27.500	Conax/Irdeto 2/SkyPilot/Viaccess 2.6/Viaccess 3.0		Italian
			Zee Cinema UK	TV	DVB	5/6	Y 27.500	Irdeto 2		Hindi
			Zee TV Russia	TV	DVB	5/6	27.500	Irdeto 2		Russian
			Zee TV UK	TV	DVB	5/6	Y 27.500	Irdeto 2		Hindi
			Free-X TV	TV	DVB	5/6	27.500	Conax/Irdeto 2/SkyPilot/Viaccess 2.6/Viaccess 4.0		Italian
			Kanal Hayat	TV	DVB	5/6	27.500			Turkish
			Azad TV International	TV	DVB	5/6	27.500			Azerbaijan
			Radio Beograd 1	radio	DVB	5/6	27.500			Serbian
			D 11.432	V	Europe	<u>Mediaset</u>	package	DVB-S2	2/3	27.500
Italia 1	TV	DVB-S2				2/3	27.500			Italian
Iris	TV	DVB-S2				2/3	27.500			Italian
Rete 4	TV	DVB-S2				2/3	27.500			Italian
Canale 5	TV	DVB-S2				2/3	27.500			Italian
BBC World News	TV	DVB-S2				2/3	27.500			English
Coming Soon TV	TV	DVB-S2				2/3	27.500			Italian
Class CNBC	TV	DVB-S2				2/3	27.500			Italian

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC	MSy/s			
A 11.449	H	Europe	Boing Italia	TV	DVB-S2	2/3	27.500		Italian
			N	package	DVB-S2	2/3	27.500	Conax/Mediaguard 2/Nagravision 3	
			VOD	TV	DVB-S2	2/3	27.500	Conax	Polish,English
			TVN +1	TV	DVB-S2	2/3	27.500	Conax	Polish,Polish
			MGM HD Polska	TV	DVB-S2	2/3	27.500	Conax	Polish
			Discovery HD Showcase	TV	DVB-S2	2/3	27.500	Conax/Nagravision 3	Polish
			N Sport	TV	DVB-S2	2/3	27.500	Conax	Polish,Polish
D 11.471	V	Europe	TVN	TV	DVB-S2	2/3	27.500	Conax	Polish,Polish
			SatLink	package	DVB	5/6	27.500		
			Rete Oro Sat	TV	DVB	5/6	27.500		Italian
			Carpe Diem	TV	DVB	5/6	27.500		Italian
			Iran TV Network	TV	DVB	5/6	27.500		Farsi
			Nickelodeon Europe	TV	DVB	5/6	27.500	Conax/Cryptoworks	Polish,English
			Al Islah TV	TV	DVB	5/6	27.500		Arabic
			Komala TV	TV	DVB	5/6	27.500		Kurdish
			TVA Vicenza	TV	DVB	5/6	27.500		Italian
			Studio 100 Sat	TV	DVB	5/6	27.500		Italian
			Telecolor Sat	TV	DVB	5/6	27.500		Italian
			Spy TV	TV	DVB	5/6	27.500		Italian
			People TV	TV	DVB	5/6	27.500		Italian
			Kahkeshan TV	TV	DVB	5/6	27.500		Farsi
			Dardasha TV	TV	DVB	5/6	27.500		
			Tivù Tivù	TV	DVB	5/6	27.500		Italian
			Al-Mawaddah TV	TV	DVB	5/6	27.500		Arabic
			Al Minber TV	TV	DVB	5/6	27.500		Arabic
			One Sri Lanka Channel	TV	DVB	5/6	27.500		Sinhalese
			Somali Channel	TV	DVB	5/6	27.500		Somali
			Teleitalia TV promo	TV	DVB	5/6	27.500		Italian
			Yahweh Prophetic TV	TV	DVB	5/6	27.500		English
			906 Sky	TV	DVB	5/6	27.500		Italian
			Tasvir e Iran	TV	DVB	5/6	27.500		Farsi
			Al Malakoot Sat	TV	DVB	5/6	27.500		Arabic
			Sawalef X	TV	DVB	5/6	27.500		Arabic
			House Channel	TV	DVB	5/6	27.500		Italian
			Eos	TV	DVB	5/6	27.500		Italian
			Radio 74	radio	DVB	5/6	27.500		English
			Radio Vlaanderen Info	radio	DVB	5/6	27.500		Dutch
			Radio Light	radio	DVB	5/6	27.500		
			Payam-e-Doost	radio	DVB	5/6	27.500		Farsi
			Radio Vlaanderen	radio	DVB	5/6	27.500		Dutch
D 11.488	H	Europe	Cyfra +	package	DVB	3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 2.6/Viaccess 3.0	
			ITV	TV	DVB	3/4	Y 27.500		Polish
			Trace TV	TV	DVB	3/4	27.500	Mediaguard 2/Viaccess 2.6	French
			Animal Planet Europe	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3	Polish
			TVP Polonia	TV	DVB	3/4	Y 27.500		Polish
			TVP Kultura	TV	DVB	3/4	Y 27.500		Polish
			TVS	TV	DVB	3/4	Y 27.500		Polish
			TVP Info	TV	DVB	3/4	Y 27.500	Conax/Mediaguard 2/Viaccess 3.0	Polish
			Cinemax Central Europe	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3	Polish
			Kino Polska	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3	Polish
			Zone Club Polska	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3	Polish,English
			Zone Reality Polska	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3	Polish,English
			TV Puls	TV	DVB	3/4	27.500		Polish
D 11.508	V	Europe	Grupa ITI	package	DVB	5/6	27.500	Conax/Mediaguard 2/Viaccess 3.0	
			N Sport	TV	DVB	5/6	27.500	Conax	Polish
			Discovery Historia	TV	DVB	5/6	27.500	Conax/Viaccess 3.0	Polish
			TVP Sport	TV	DVB	5/6	27.500	Conax	Polish
			Religia TV	TV	DVB	5/6	27.500	Conax/Mediaguard 2/Viaccess 3.0	Polish
			Discovery Channel Polska	TV	DVB	5/6	27.500	Conax	Polish
			TVN Warszawa	TV	DVB	5/6	Y 27.500		Polish
D 11.526	H	Europe	Kino Polska	TV	DVB	5/6	27.500	Conax	Polish
			SRG SSR	package	DVB	3/4	27.500	Viaccess 2.6/Viaccess 4.0	
			RSI La 2	TV	DVB	3/4	Y 27.500	Viaccess 2.6/Viaccess 4.0	Italian
			TSR 2	TV	DVB	3/4	Y 27.500	Viaccess 2.6/Viaccess 4.0	French
			TSR 1	TV	DVB	3/4	Y 27.500	Viaccess 2.6/Viaccess 4.0	French
			RSI La 1	TV	DVB	3/4	Y 27.500	Viaccess 2.6/Viaccess 4.0	Italian
			Radio Suisse Classique	radio	DVB	3/4	27.500		French
			RSR Espace 2	radio	DVB	3/4	27.500		French
			World Radio Switzerland	radio	DVB	3/4	27.500		English
RSI Rete Tre	radio	DVB	3/4	27.500		Italian			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.			
				Digital	FEC	MSy/s						
D 11.541	V	Europe	RSI Rete Due	radio	DVB	3/4	27.500			Italian		
			RSI Rete Uno	radio	DVB	3/4	27.500				Italian	
			Option Musique	radio	DVB	3/4	27.500				French	
			Couleur 3	radio	DVB	3/4	27.500				French	
			RSR La 1ère	radio	DVB	3/4	27.500				French	
			<u>M-Three satcom</u>	package	DVB	5/6	22.000					
			Toscana Channel Sat	TV	DVB	5/6	22.000					Italian
			Teletirreno	TV	DVB	5/6	22.000					Italian
			BergamoSat	TV	DVB	5/6	22.000					Italian
			YouDem TV	TV	DVB	5/6	22.000					Italian
			Frisbee	TV	DVB	5/6	22.000					Italian
			La 7	TV	DVB	5/6	22.000	Y	22.000	Nagravision 3		Italian
			T Sat	TV	DVB	5/6	22.000					Italian
			Jewels La Sorgente 2	TV	DVB	5/6	22.000					Italian
			Jewels La Sorgente 1	TV	DVB	5/6	22.000					Italian
			Jewels La Sorgente 3	TV	DVB	5/6	22.000					Italian
			RED	TV	DVB	5/6	22.000					Italian
			Italia 8 Prestige	TV	DVB	5/6	22.000					Italian
			Umbria Channel Sat	TV	DVB	5/6	22.000					Italian
			Sardegna Channel Sat	TV	DVB	5/6	22.000					Italian
			M2o	radio	DVB	5/6	22.000					Italian
			Radio Capital	radio	DVB	5/6	22.000					Italian
			Radio DeeJay	radio	DVB	5/6	22.000					Italian
			DiscoRadio	radio	DVB	5/6	22.000					Italian
			Radio Kolbe	radio	DVB	5/6	22.000					Italian
			RMC 2	radio	DVB	5/6	22.000					Italian
			R101	radio	DVB	5/6	22.000					Italian
			Radio Cuore	radio	DVB	5/6	22.000					Italian
			Tam Tam Network	radio	DVB	5/6	22.000					Italian
			Radio Buon Consiglio	radio	DVB	5/6	22.000					Italian
			Radio Cuore 2	radio	DVB	5/6	22.000					Italian
			Radio Kiss Kiss	radio	DVB	5/6	22.000					Italian
			Radio Sacra Famiglia InBlu	radio	DVB	5/6	22.000					Italian
Radio 24	radio	DVB	5/6	22.000					Italian			
Radio Onda d'Urto	radio	DVB	5/6	22.000					Italian			
Virgin Radio Italia	radio	DVB	5/6	22.000					Italian			
Radio Iglesias	radio	DVB	5/6	22.000					Italian			
D 11.566	H	Europe	<u>Trinity Broadcasting Network</u>	package	DVB	3/4	27.500					
			Smile of a Child TV	TV	DVB	3/4	27.500				English	
			Salaam TV	TV	DVB	3/4	27.500				Arabic	
			ICC Classic	TV	DVB	3/4	27.500				Farsi	
			CallShop	TV	DVB	3/4	27.500					
			Nour TV	TV	DVB	3/4	27.500				Farsi	
			Huda TV	TV	DVB	3/4	27.500				English	
			Nejat TV	TV	DVB	3/4	27.500				Farsi	
			The Healing Channel	TV	DVB	3/4	27.500				Arabic	
			The Church Channel	TV	DVB	3/4	27.500				English	
			TBN Italia	TV	DVB	3/4	27.500				Italian	
			Enlace TBN	TV	DVB	3/4	27.500				Spanish	
			TBN Europe	TV	DVB	3/4	27.500				English	
			JCTV	TV	DVB	3/4	27.500				English	
			Ulibka Rebyonka	TV	DVB	3/4	27.500				Russian	
D 11.585	V	Europe	<u>GlobeCast World TV</u>	package	DVB	3/4	27.500					
			Yerkir Media TV	TV	DVB	3/4	27.500				Armenian	
			Fashion One	TV	DVB	3/4	27.500				English	
			Daystar TV	TV	DVB	3/4	27.500				English	
			Loveworld TV	TV	DVB	3/4	27.500				English	
			Viva l'Italia Channel	TV	DVB	3/4	27.500				Italian	
			Ariana TV Network International	TV	DVB	3/4	27.500					
			Rebel TV	TV	DVB	3/4	27.500				Polish	
			Inspiration Network International	TV	DVB	3/4	27.500				English	
			Tishk TV	TV	DVB	3/4	27.500				Kurdish	
			Poker Italia 24	TV	DVB	3/4	27.500				Italian	
			Kalaighar TV UK	TV	DVB	3/4	27.500				Tamil	
			India Contact	TV	DVB	3/4	27.500					
			TV Globo Internacional Europa/África	TV	DVB	3/4	27.500		27.500	Nagravision 2/Viaccess 2.5		Portuguese
			Payam TV	TV	DVB	3/4	27.500					Arabic
EWTN UK	TV	DVB	3/4	27.500					English			
121 Salam	TV	DVB	3/4	27.500								

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.			
				Digital	FEC	MSy/s						
D 11.604	H	Europe	121 Persia	TV	DVB	3/4	27.500					
			121 Pakistan	TV	DVB	3/4	27.500					
			121 Turkiye	TV	DVB	3/4	27.500					
			Payam Quran	radio	DVB	3/4	27.500					
			<u>Media Broadcast</u>	package	DVB	5/6	27.500					
			4play games	TV	DVB	5/6	27.500		Arabic			
			Tele A	TV	DVB	5/6	27.500		Italian			
			Itallamia Sat	TV	DVB	5/6	27.500		Italian			
			ASO Sat	TV	DVB	5/6	27.500		Kurdish			
			TV Capital	TV	DVB	5/6	27.500		Italian			
			Erde & Mensch	TV	DVB	5/6	27.500		German			
			Pali	TV	DVB	5/6	27.500		Russian			
			TV Market	TV	DVB	5/6	27.500		Farsi			
			IMN TV	TV	DVB	5/6	27.500		Farsi			
			E4me TV	TV	DVB	5/6	27.500		Farsi			
			Persian Film	TV	DVB	5/6	27.500		Farsi			
			Al-Jameela TV	TV	DVB	5/6	27.500		Arabic			
			Ethnic TV	TV	DVB	5/6	27.500		Czech			
			IFM TV	TV	DVB	5/6	27.500		Farsi			
			Supreme Master TV	TV	DVB	5/6	27.500		English			
			DW-TV Arabia	TV	DVB	5/6	27.500					
			India Girls	TV	DVB	5/6	27.500					
			Nisa 2 18+	TV	DVB	5/6	27.500		Arabic			
			Napoli TLA	TV	DVB	5/6	27.500		Italian			
			DW-TV Europe	TV	DVB	5/6	Y 27.500					
			1 to 1 Chat	TV	DVB	5/6	27.500		Arabic			
			Arab-Jins TV	TV	DVB	5/6	27.500		Arabic			
			Love TV	TV	DVB	5/6	27.500		Arabic			
			Lebniat TV	TV	DVB	5/6	27.500		Arabic			
			Best Forex TV	TV	DVB	5/6	27.500		Arabic			
			Hot Arab Sex	TV	DVB	5/6	27.500		Arabic			
			121 India	TV	DVB	5/6	27.500		Arabic			
			China Radio International	radio	DVB	5/6	27.500					
			DW-Radio 9	radio	DVB	5/6	27.500					
			DW-Radio 8	radio	DVB	5/6	27.500					
			DW-Radio 6	radio	DVB	5/6	27.500					
			DW-Radio 5	radio	DVB	5/6	27.500					
			DW-Radio 4	radio	DVB	5/6	27.500					
			DW-Radio 1	radio	DVB	5/6	27.500		German			
			RNW 4	radio	DVB	5/6	27.500					
DW-Radio 2	radio	DVB	5/6	27.500		English						
Radio Nederland Wereldomroep	radio	DVB	5/6	27.500								
D 11.623	V	Europe	<u>GlobeCast</u>	package	DVB	3/4	27.500					
			Telepiù	TV	DVB	3/4	27.500		Italian			
			Win Cash	TV	DVB	3/4	27.500					
			Sexy Sat TV 2	TV	DVB	3/4	27.500					
			K+	TV	DVB	3/4	27.500		Russian			
			4U India	TV	DVB	3/4	27.500					
			Pianeta TV	TV	DVB	3/4	27.500		Italian			
			ARTE Français	TV	DVB	3/4	Y 27.500		French,German			
			RTL 102.5 RadioVisione	TV	DVB	3/4	27.500		Italian			
			Italia Channel	TV	DVB	3/4	27.500		Italian			
			TVR International	TV	DVB	3/4	Y 27.500		Romanian			
			Reality TV	TV	DVB	3/4	27.500		Italian			
			KBS World	TV	DVB	3/4	27.500	Mediaguard 2/Viaccess 2.5	Korean			
			Beur TV	TV	DVB	3/4	27.500		French			
			Telesud	TV	DVB	3/4	27.500		French			
			Abu Dhabi Sports 1	TV	DVB	3/4	27.500		Arabic			
			RTL 102.5 Classic	radio	DVB	3/4	27.500		Italian			
			RTL 102.5 Radio Guardia Costiera	radio	DVB	3/4	27.500		Italian			
			RadioClassica	radio	DVB	3/4	27.500		Italian			
			România în direct	radio	DVB	3/4	27.500		Romanian			
			ARTE Radio	radio	DVB	3/4	27.500		French			
			RTL 102.5 Groove	radio	DVB	3/4	27.500		Italian			
			Radio România International	radio	DVB	3/4	27.500					
			RTL 102.5 FM	radio	DVB	3/4	27.500		Italian			
			RTL 102.5 Italian Style	radio	DVB	3/4	27.500		Italian			
			D 11.642	H	Europe	<u>Belgium Satellite Services</u>	package	DVB	3/4	27.500		
						Bloomberg TV Europe	TV	DVB	3/4	27.500		English
						ERT World	TV	DVB	3/4	Y 27.500		Greek

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.			
				Digital	FEC	MSy/s						
D 11.662	V	Europe	PEN	TV	DVB	3/4	27.500			Farsi		
			Finest TV	TV	DVB	3/4	27.500				Turkish	
			Live Channel	TV	DVB	3/4	27.500				Farsi	
			Passione Pesca	TV	DVB	3/4	27.500				Italian	
			DMTV	TV	DVB	3/4	27.500				Arabic	
			Iran TV Network	TV	DVB	3/4	27.500				Farsi	
			Radio Marija Hrvatska	radio	DVB	3/4	27.500				Croatian	
			Radio Koprivnica	radio	DVB	3/4	27.500				Croatian	
			Radio Zamaneh	radio	DVB	3/4	27.500				Farsi	
			NET 105.8	radio	DVB	3/4	27.500				Greek	
			Deytero 103.7	radio	DVB	3/4	27.500				Greek	
			Trito Programma	radio	DVB	3/4	27.500				Greek	
			Radio Mir Medjugorje	radio	DVB	3/4	27.500				Croatian	
			Voice of Greece	radio	DVB	3/4	27.500				Greek	
			Radio Eviva	radio	DVB	3/4	27.500				German	
			ERA Spor 101.8	radio	DVB	3/4	27.500				Greek	
			Telespazio	package	DVB	3/4	27.500					
			Telecolore	TV	DVB	3/4	27.500					Italian
			Cassiopea	TV	DVB	3/4	27.500					Italian
			Class Horse TV	TV	DVB	3/4	27.500					English
			Conto TV 1	TV	DVB	3/4	27.500	Conax/Videoguard				Italian
			Rolsat	TV	DVB	3/4	27.500					Italian
			Conto TV 2	TV	DVB	3/4	27.500	Conax/Videoguard				Italian
			3 Channel	TV	DVB	3/4	27.500					Italian
			TV 7 Lombardia	TV	DVB	3/4	27.500					Italian
			Canale Italia	TV	DVB	3/4	27.500					Italian
			Nostradamus	TV	DVB	3/4	27.500					Italian
			Conto TV 4	TV	DVB	3/4	27.500	Conax/Videoguard				Italian
			Napoli Mia	TV	DVB	3/4	27.500					Italian
			Blu	TV	DVB	3/4	27.500					Italian
			Roma Sat	TV	DVB	3/4	27.500					Italian
			AB Channel	TV	DVB	3/4	27.500					Italian
			Italy Sat	TV	DVB	3/4	27.500					Italian
			Conto TV promo	TV	DVB	3/4	27.500					Italian
			Teleitalia TV promo	TV	DVB	3/4	27.500					Italian
			Extra 3	TV	DVB	3/4	27.500					Greek
			Italy Italy	TV	DVB	3/4	27.500					Italian
			Libera	TV	DVB	3/4	27.500					Italian
			Gold Sat	TV	DVB	3/4	27.500					Italian
			Punto Sat 1	TV	DVB	3/4	27.500					Italian
			Conto TV 3	TV	DVB	3/4	27.500	Conax/Videoguard				Italian
			MLC promo	TV	DVB	3/4	27.500					Italian
			D 11.681	H	Europe	Bis	package	DVB	3/4	27.500	Mediaguard 2/Viaccess 3.0/Viaccess 4.0	
Action	TV	DVB				3/4	Y 27.500	Mediaguard 2/Viaccess 3.0/Viaccess 4.0			French	
Chasse & Pêche	TV	DVB				3/4	Y 27.500	Mediaguard 2/Viaccess 3.0/Viaccess 4.0			French	
XXL	TV	DVB				3/4	Y 27.500	Mediaguard 2/Viaccess 3.0/Viaccess 4.0			French	
TF 1	TV	DVB				3/4	27.500	Mediaguard 2/Viaccess 3.0/Viaccess 4.0			French	
Escales	TV	DVB				3/4	Y 27.500	Mediaguard 2/Viaccess 3.0/Viaccess 4.0			French,Turkish	
Animaux	TV	DVB				3/4	27.500	Mediaguard 2/Viaccess 3.0/Viaccess 4.0			French,Turkish	
NT1	TV	DVB				3/4	Y 27.500	Mediaguard 2/Viaccess 3.0/Viaccess 4.0			French	
Mangas	TV	DVB				3/4	Y 27.500	Mediaguard 2/Viaccess 3.0/Viaccess 4.0			French	
Encyclo	TV	DVB				3/4	Y 27.500	Mediaguard 2/Viaccess 3.0/Viaccess 4.0			French,Turkish	
France 5	TV	DVB				3/4	27.500	Mediaguard 2/Viaccess 3.0/Viaccess 4.0			French	
France Ô	TV	DVB				3/4	27.500	Mediaguard 2/Viaccess 3.0/Viaccess 4.0			French	
BFM TV	TV	DVB				3/4	27.500				French	
LCP	TV	DVB				3/4	27.500	Mediaguard 2/Viaccess 3.0/Viaccess 4.0			French	
Toute l'Histoire	TV	DVB				3/4	Y 27.500	Mediaguard 2/Viaccess 3.0/Viaccess 4.0			French	
AB Moteurs	TV	DVB				3/4	Y 27.500	Mediaguard 2/Viaccess 3.0/Viaccess 4.0			French,Turkish	

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.			
				Digital	FEC							
D 11.727	V	Europe	RTL 9	TV	DVB	3/4	Y 27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French			
			AB 1	TV	DVB	3/4	Y 27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French			
			TSA	package	DVB	3/4	27.500	Irdeto 2/Viaccess 2.6/Videoguard				
			Tak TV	TV	DVB	3/4	27.500		English			
			BBC Arabic	TV	DVB	3/4	27.500		Arabic			
			Diablo X TV 2	TV	DVB	3/4	27.500	Irdeto 2/Viaccess 2.6/Videoguard	Italian			
			SCT	TV	DVB	3/4	27.500	Irdeto 2/Viaccess 2.6/Videoguard	Italian			
			TVE Internacional Europe	TV	DVB	3/4	Y 27.500		Spanish			
			Satisfacton Poker	TV	DVB	3/4	27.500	Irdeto 2/Viaccess 2.6	Italian			
			Telesur	TV	DVB	3/4	27.500		Spanish			
			Canal 24 Horas	TV	DVB	3/4	Y 27.500		Spanish			
			Diablo X TV 1	TV	DVB	3/4	27.500	Irdeto 2/Viaccess 2.6/Videoguard	Italian			
			Satisfaction Plus	TV	DVB	3/4	27.500	Irdeto 2/Viaccess 2.6/Videoguard	Italian			
			Teleitalia TV promo	TV	DVB	3/4	27.500	Irdeto 2/Viaccess 2.6/Videoguard	Italian			
			Satisfaction Privé	TV	DVB	3/4	27.500	Irdeto 2/Viaccess 2.6/Videoguard	Italian			
			Satisfaction Italy	TV	DVB	3/4	27.500	Irdeto 2/Viaccess 2.6/Videoguard	Italian			
			AVA Movie	TV	DVB	3/4	27.500		Farsi			
			RNE Radio Nacional	radio	DVB	3/4	27.500		Spanish			
			RNE Radio Clásica	radio	DVB	3/4	27.500		Spanish			
			RNE Radio 3	radio	DVB	3/4	27.500		Spanish			
			RNE Radio 5	radio	DVB	3/4	27.500		Spanish			
			BBC World Service English Europe	radio	DVB	3/4	27.500		English			
			BBC World Service Russian	radio	DVB	3/4	27.500		Russian			
			Radio Exterior de España	radio	DVB	3/4	27.500					
			BBC World Service Ukrainian	radio	DVB	3/4	27.500		Ukrainian			
			BBC World Service Turkish	radio	DVB	3/4	27.500		Turkish			
			RNE Ràdio 4	radio	DVB	3/4	27.500		Catalan			
			BBC World Service Romanian	radio	DVB	3/4	27.500		Romanian			
			BBC World Service Persian	radio	DVB	3/4	27.500		Farsi			
			BBC World Service Azeri	radio	DVB	3/4	27.500		Azerbaijan			
			BBC World Service Albanian	radio	DVB	3/4	27.500		Albanian			
			BBC World Service Arabic	radio	DVB	3/4	27.500		Arabic			
			BBC World Service English News Middle East	radio	DVB	3/4	27.500		English			
			BBC World Service English Middle East	radio	DVB	3/4	27.500		English			
			BBC World Service Balkan	radio	DVB	3/4	27.500					
			D 11.747	H	Europe	Du	package	DVB	3/4	27.500		
			MBC Maghreb Al-Arabia			TV	DVB	3/4	27.500		Arabic	
			ME Shop			TV	DVB	3/4	27.500		Arabic	
			MeChef			TV	DVB	3/4	27.500		Farsi	
			Dubai TV Europe			TV	DVB	3/4	27.500		Arabic	
Sama Dubai	TV	DVB	3/4			27.500		Arabic				
Al Arabiya	TV	DVB	3/4			27.500		Arabic				
Al Sharqiya TV	TV	DVB	3/4			27.500		Arabic				
EZ Shop	TV	DVB	3/4			27.500		Arabic				
PMC	TV	DVB	3/4			27.500		Farsi				
Inter TV Shop	TV	DVB	3/4			27.500						
Dubai Sports 3	TV	DVB	3/4			27.500		English,Arabic				
MBC FM	radio	DVB	3/4			27.500		Arabic				
D 11.766	V	Europe	RAI			package	DVB	2/3	27.500			
Rai Extra			TV			DVB	2/3	27.500	Nagravision 3	Italian		
Senato TV			TV			DVB	2/3	27.500		Italian		
Rai Yoyo			TV	DVB	2/3	27.500	Nagravision 3	Italian				
Rai Scuola			TV	DVB	2/3	27.500		Italian				
Rai Med			TV	DVB	2/3	27.500		Italian				
Rai 3			TV	DVB	2/3	Y 27.500		Italian				
Rai 1			TV	DVB	2/3	Y 27.500		Italian				
Rai 2			TV	DVB	2/3	Y 27.500		Italian				
Rai Notturmo Italiano			radio	DVB	2/3	27.500		Italian				
Filodiffusione 4			radio	DVB	2/3	27.500		Italian				
Filodiffusione 4			radio	DVB	2/3	27.500		Italian				
A 11.785	H	Europe	Sky Italia	package	DVB-S2	2/3	27.500	Videoguard				
National Geographic Channel HD Italia			TV	DVB-S2	2/3	27.500	Videoguard	Italian				
Fox Italia			TV	DVB-S2	2/3	27.500	Videoguard	Italian				
Sky Calcio 1			TV	DVB-S2	2/3	27.500	Videoguard	Italian,English				
Fox Crime Italia			TV	DVB-S2	2/3	27.500	Videoguard	Italian				
Sky Calcio 2	TV	DVB-S2	2/3	27.500	Videoguard	Italian,English						
D 11.804	V	Europe	RAI	package	DVB	2/3	27.500					

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC	MSy/s			
			Camera dei Deputati	TV	DVB	2/3	27.500		Italian
			Rai Sport 2	TV	DVB	2/3	27.500		Italian
			Rai Storia	TV	DVB	2/3	27.500		Italian
			Rai Premium	TV	DVB	2/3	27.500	Nagravision 3	Italian
			Rai Sport 1	TV	DVB	2/3	27.500		Italian
			Rai Nettuno Sat Uno	TV	DVB	2/3	27.500		Italian
			Rai Gulp	TV	DVB	2/3	27.500		Italian
			TV 2000	TV	DVB	2/3	Y 27.500		Italian
			Isoradio	radio	DVB	2/3	27.500		Italian
			Radio InBlu	radio	DVB	2/3	27.500		Italian
			Rai Radio 3	radio	DVB	2/3	27.500		Italian
			Rai Radio 2	radio	DVB	2/3	27.500		Italian
			Rai Radio 1	radio	DVB	2/3	27.500		Italian
			Filodiffusione 5	radio	DVB	2/3	27.500		Italian
			GR Parlamento	radio	DVB	2/3	27.500		Italian
			Vatican Radio 105 FM	radio	DVB	2/3	27.500		Italian
D 11.823	H	Europe	<u>Nova</u>	package	DVB	3/4	27.500	Irdeto 2	
			Disney XD Hellas	TV	DVB	3/4	27.500	Irdeto 2	Greek,English
			Novacinema 1	TV	DVB	3/4	27.500	Irdeto 2	Greek
			Novasports 1	TV	DVB	3/4	27.500	Irdeto 2	Greek
			Mega TV	TV	DVB	3/4	Y 27.500	Irdeto 2	Greek
			ANT 1	TV	DVB	3/4	Y 27.500	Irdeto 2	Greek
			Alpha TV	TV	DVB	3/4	Y 27.500	Irdeto 2	Greek
			Alter Channel	TV	DVB	3/4	Y 27.500	Irdeto 2	Greek
			Star Channel	TV	DVB	3/4	Y 27.500	Irdeto 2	Greek
			SKAI 100.3 FM	radio	DVB	3/4	27.500	Irdeto 2	Greek
			Love Radio 97.5	radio	DVB	3/4	27.500	Irdeto 2	Greek
			Ecclesia Radio	radio	DVB	3/4	27.500		Greek
			Melodia FM 99.2	radio	DVB	3/4	27.500	Irdeto 2	Greek
D 11.843	V	Europe	<u>Sky Italia</u>	package	DVB	3/4	27.500	Videoguard	
			Yacht & Sail Channel	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky Inside	TV	DVB	3/4	27.500		Italian
			JimJam Italia	TV	DVB	3/4	27.500	Videoguard	Italian
			The History Channel Italia	TV	DVB	3/4	27.500	Videoguard	Italian
			Dove TV	TV	DVB	3/4	27.500	Videoguard	Italian
			Fox Crime Italia +1	TV	DVB	3/4	27.500	Videoguard	Italian
			Moto TV	TV	DVB	3/4	27.500	Videoguard	Italian
			Jimmy Italia	TV	DVB	3/4	27.500	Videoguard	Italian
			Caccia e Pesca	TV	DVB	3/4	27.500	Videoguard	Italian
D 11.862	H	Europe	<u>Sky Italia</u>	package	DVB	3/4	27.500	Videoguard	
			SNAI Sat	TV	DVB	3/4	27.500	Videoguard	Italian
			Current TV Italia	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky TG 24 active Speciale	TV	DVB	3/4	27.500	Videoguard	Italian
			Nat Geo Music	TV	DVB	3/4	27.500	Videoguard	Italian,English
			Sky TG 24	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky TG 24 active 5	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky TG 24 active Sport	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky Meteo 24	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky TG 24 active mosaic	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky TG 24 active In primo piano	TV	DVB	3/4	27.500	Videoguard	Italian
			FX Italia	TV	DVB	3/4	27.500	Videoguard	Italian
D 11.881	V	Europe	<u>Sky Italia</u>	package	DVB	3/4	27.500	Videoguard	
			National Geographic Channel Italia	TV	DVB	3/4	27.500	Videoguard	Italian
			Fox Italia +1	TV	DVB	3/4	27.500	Videoguard	Italian
			Marco Polo	TV	DVB	3/4	27.500	Videoguard	Italian
			Nuvolari	TV	DVB	3/4	27.500		Italian
			Leonardo	TV	DVB	3/4	27.500	Videoguard	Italian
			Alice	TV	DVB	3/4	27.500	Videoguard	Italian
D 11.900	H	Europe	<u>Sky Italia</u>	package	DVB	3/4	27.500	Videoguard	
			Sky Sport Extra	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky Primafila 1	TV	DVB	3/4	27.500	Videoguard	Italian,Italian
			Sky Calcio 8	TV	DVB	3/4	27.500	Videoguard	Italian,English
			Sky Calcio 13	TV	DVB	3/4	27.500	Videoguard	Italian,English
			Sky Calcio 11	TV	DVB	3/4	27.500	Videoguard	Italian,English
			Sky Calcio 12	TV	DVB	3/4	27.500	Videoguard	Italian,English
			Sky Primafila 16	TV	DVB	3/4	27.500	Videoguard	Italian,Italian
			Sky Calcio 9	TV	DVB	3/4	27.500	Videoguard	Italian,English
			Sky Primafila 20	TV	DVB	3/4	27.500	Videoguard	Italian,Italian,English
			Sky Primafila 19	TV	DVB	3/4	27.500	Videoguard	Italian,Italian
			Sky Primafila 18	TV	DVB	3/4	27.500	Videoguard	Italian,Italian

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.			
				Digital	FEC	MSy/s						
D 11.919	V	Europe	Sky Primafila 17	TV	DVB	3/4	27.500	Videoguard	Italian,Italian			
			Sky Calcio 10	TV	DVB	3/4	27.500	Videoguard	Italian,English			
			<u>Mediaset</u>	package	DVB	2/3	27.500					
			Italia 1	TV	DVB	2/3	Y 27.500		Italian			
			Canale 5	TV	DVB	2/3	Y 27.500	Mediaguard 2/Nagravision 3	Italian			
			Rete 4	TV	DVB	2/3	Y 27.500		Italian			
			Canale 5	TV	DVB	2/3	Y 27.500		Italian			
			Boing Italia	TV	DVB	2/3	27.500	Mediaguard 2/Nagravision 3	Italian			
			Iris	TV	DVB	2/3	27.500	Mediaguard 2/Nagravision 3	Italian			
			Radio Mater	radio	DVB	2/3	27.500		Italian			
D 11.938	H	Europe	<u>Nova</u>	package	DVB	3/4	27.500	Irdeto 2				
			Boomerang Central & Eastern Europe	TV	DVB	3/4	27.500	Irdeto 2	English,Greek			
			Lumiere TV	TV	DVB	3/4	27.500	Irdeto 2	English,Greek			
			Alfa TV	TV	DVB	3/4	27.500	Irdeto 2	English,Greek			
			Novasports Highlights	TV	DVB	3/4	27.500	Irdeto 2	Greek			
			Novasports 4	TV	DVB	3/4	27.500	Irdeto 2	Greek			
			Novacinema 3	TV	DVB	3/4	27.500	Irdeto 2	Greek			
			Private Spice	TV	DVB	3/4	27.500	Irdeto 2	English			
			The History Channel South Africa	TV	DVB	3/4	27.500	Irdeto 2	English			
			Playboy TV	TV	DVB	3/4	27.500	Irdeto 2	English			
			EI EMEA	TV	DVB	3/4	27.500	Irdeto 2	English			
			Novasports 6	TV	DVB	3/4	27.500	Irdeto 2	Greek			
			Mad Radio 106.2	radio	DVB	3/4	27.500	Irdeto 2	Greek			
			Nova games	interacti	DVB	3/4	27.500	Irdeto 2				
			D 11.958	V	Europe	<u>Sky Italia</u>	package	DVB	3/4	27.500	Videoguard	
						Sky SuperCalcio	TV	DVB	3/4	27.500	Videoguard	Italian,English
Sky Sport Active 3	TV	DVB				3/4	27.500	Videoguard	Italian			
Toon Disney Italia	TV	DVB				3/4	27.500	Videoguard	Italian			
Sky Sport Active 2	TV	DVB				3/4	27.500	Videoguard	Italian			
Discovery Channel Italia	TV	DVB				3/4	27.500	Videoguard	Italian			
Sky Sport 24	TV	DVB				3/4	27.500	Videoguard	Italian			
Sky Sport 2	TV	DVB				3/4	27.500	Videoguard	Italian			
Sky Sport 1	TV	DVB				3/4	27.500	Videoguard	Italian			
Sky Sport Active 1	TV	DVB				3/4	27.500	Videoguard	Italian			
D 11.977	H	Europe				<u>Sky Italia</u>	package	DVB	3/4	27.500	Videoguard	
						Fox Italia	TV	DVB	3/4	27.500	Videoguard	Italian
			Zone Fantasy	TV	DVB	3/4	27.500	Videoguard	Italian			
			Fox Crime Italia	TV	DVB	3/4	27.500	Videoguard	Italian			
			Nat Geo Wild Italia	TV	DVB	3/4	27.500	Videoguard	Italian			
			Nat Geo Adventure	TV	DVB	3/4	27.500	Videoguard	Italian			
			Gambero Rosso Channel	TV	DVB	3/4	27.500	Videoguard	Italian			
			Fox Life Italia	TV	DVB	3/4	27.500	Videoguard	Italian			
			National Geographic Channel Italia +1	TV	DVB	3/4	27.500	Videoguard	Italian			
			The History Channel Italia +1	TV	DVB	3/4	27.500	Videoguard	Italian			
			Fox Retro Italia	TV	DVB	3/4	27.500	Videoguard	Italian			
			Cult	TV	DVB	3/4	27.500	Videoguard	Italian			
			A 11.996	V	Europe	<u>Sky Italia</u>	package	DVB-S2	2/3	27.500	Videoguard	
Sky Sport 3	TV	DVB-S2				2/3	27.500	Videoguard	Italian			
Sky Sport 2	TV	DVB-S2				2/3	27.500	Videoguard	Italian			
Sky SuperCalcio	TV	DVB-S2				2/3	27.500	Videoguard	Italian,English			
Sky Primafila HD 3	TV	DVB-S2				2/3	27.500	Videoguard	Italian			
Sky Sport 1	TV	DVB-S2				2/3	27.500	Videoguard	Italian			
D 12.015	H	Europe	<u>Arabesque</u>	package	DVB	3/4	27.500					
			ART Hekayat Kaman	TV	DVB	3/4	27.500	Viaccess 2.5	Arabic			
			Al Jazeera Sport Channel Global	TV	DVB	3/4	27.500		Arabic			
			ART Movie 1	TV	DVB	3/4	27.500	Viaccess 2.5	Arabic			
			Yemen TV	TV	DVB	3/4	27.500		Arabic			
			Iqraa	TV	DVB	3/4	27.500		Arabic			
			Ictimai TV	TV	DVB	3/4	27.500		Azerbaijan			
			Syria Satellite Channel	TV	DVB	3/4	27.500		Arabic			
			ART Hekayat	TV	DVB	3/4	27.500	Viaccess 2.5	Arabic			
			Syria Drama	TV	DVB	3/4	27.500		Arabic			
			Radio Sout Al-Sha'ab	radio	DVB	3/4	27.500		Arabic			
			El-Bernameg Al-Aam	radio	DVB	3/4	27.500		Arabic			
			Radio Sout Al-Shbab	radio	DVB	3/4	27.500		Arabic			
			Aden Radio	radio	DVB	3/4	27.500		Arabic			
			Sana'a Radio	radio	DVB	3/4	27.500		Arabic			
			D 12.034	V	Europe	<u>Sky Italia</u>	package	DVB	3/4	27.500	Videoguard	
						Sky Cinema +24	TV	DVB	3/4	27.500	Videoguard	Italian

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio	MHz	Text	Access	Lang.			
				Digital	FEC		MSy/s						
D 12.054	H	Europe	Sky Cinema Mania	TV	DVB	3/4	27.500	Videoguard		Italian			
			Sky Cinema 1	TV	DVB	3/4	Y 27.500	Videoguard		Italian			
			Playhouse Disney Italia	TV	DVB	3/4	27.500	Videoguard		Italian			
			Sky Cinema Classics	TV	DVB	3/4	27.500	Videoguard		Italian			
			Sky Cinema Max	TV	DVB	3/4	27.500	Videoguard		Italian			
			Sky Cinema Family	TV	DVB	3/4	27.500	Videoguard		Italian			
			Disney Channel Italia	TV	DVB	3/4	27.500	Videoguard		Italian			
			Cielo	TV	DVB	3/4	27.500			Italian			
			Sky Uno +1	TV	DVB	3/4	27.500	Videoguard		Italian			
			Sky Italia	package	DVB	3/4	27.500	Videoguard					
			Sky Calcio 15	TV	DVB	3/4	27.500	Videoguard		Italian,English			
			Sky Sport 3	TV	DVB	3/4	27.500	Videoguard		Italian			
			Sky Cinema Italia	TV	DVB	3/4	27.500	Videoguard		Italian,Italian			
			Sky Cinema Max +1	TV	DVB	3/4	27.500	Videoguard		Italian,Italian			
			Sky Calcio 14	TV	DVB	3/4	27.500	Videoguard		Italian,English			
			Sky Cinema Hits	TV	DVB	3/4	27.500	Videoguard		Italian			
			Sky Cinema +1	TV	DVB	3/4	27.500	Videoguard		Italian			
			Sky Uno	TV	DVB	3/4	27.500	Videoguard		Italian			
D 12.073	V	Europe	Sky Calcio 1	TV	DVB	3/4	27.500	Videoguard		Italian,English			
			Sky Italia	package	DVB	3/4	27.500	Videoguard					
			Sky Calcio 7	TV	DVB	3/4	27.500	Videoguard		Italian			
			Sky Primafila 13	TV	DVB	3/4	27.500	Videoguard		Italian,Italian			
			Sky Primafila 11	TV	DVB	3/4	27.500	Videoguard		Italian,Italian			
			Sky Primafila 9	TV	DVB	3/4	27.500	Videoguard		Italian,Italian			
			Sky Primafila 7	TV	DVB	3/4	27.500	Videoguard		Italian,Italian			
			Sky Primafila 5	TV	DVB	3/4	27.500	Videoguard		Italian,Italian			
			Sky Primafila 3	TV	DVB	3/4	27.500	Videoguard		Italian,Italian			
			Sky Calcio 2	TV	DVB	3/4	27.500	Videoguard		Italian,English			
			Sky Calcio 3	TV	DVB	3/4	27.500	Videoguard		Italian,English			
			Sky Calcio 4	TV	DVB	3/4	27.500	Videoguard		Italian,English			
			Sky Calcio 5	TV	DVB	3/4	27.500	Videoguard		Italian,English			
			Sky Calcio 6	TV	DVB	3/4	27.500	Videoguard		Italian,English			
			D 12.092	H	Europe	Sky Italia	package	DVB	3/4	27.500	Videoguard		
						Discovery Travel & Living Europe	TV	DVB	3/4	27.500	Videoguard		Italian
						Class CNBC	TV	DVB	3/4	27.500	Videoguard		Italian
						AXN Italia	TV	DVB	3/4	27.500	Videoguard		Italian
Sky HD promo	TV	DVB				3/4	27.500	Videoguard		Italian			
Discovery Science Channel	TV	DVB				3/4	27.500	Videoguard		Italian			
Onda Latina	TV	DVB				3/4	27.500	Videoguard		Italian			
Lady Channel	TV	DVB				3/4	27.500	Videoguard		Italian			
Nick Jr Italia	TV	DVB				3/4	27.500	Videoguard		Italian			
Comedy Central Italia +1	TV	DVB				3/4	27.500	Videoguard		Italian			
CNN International Europe	TV	DVB				3/4	27.500	Videoguard		English			
AXN Italia +1	TV	DVB				3/4	27.500	Videoguard		Italian			
D 12.111	V	Europe				Telespazio	package	DVB	3/4	27.500			
						High Life TV	TV	DVB	3/4	27.500			Italian
						Telemarket 2	TV	DVB	3/4	27.500			Italian
						Puglia Channel	TV	DVB	3/4	27.500			Italian
						20 TV	TV	DVB	3/4	27.500			
						Bethel TV	TV	DVB	3/4	27.500			Spanish
			Challenger TV	TV	DVB	3/4	27.500			Italian			
			Sender Neu Jerusalem	TV	DVB	3/4	27.500			German			
			Architecture Construction Materials Channel	TV	DVB	3/4	27.500			Italian			
			Al Jazeera Channel	TV	DVB	3/4	27.500			Arabic			
			Al Jazeera Mobasher	TV	DVB	3/4	27.500			Arabic			
			TeleFoggia	TV	DVB	3/4	27.500			Italian			
			RIK Sat	TV	DVB	3/4	27.500			Greek			
			Al Jazeera Documentary	TV	DVB	3/4	27.500			Arabic			
			Radio Radio TV	TV	DVB	3/4	27.500			Italian			
			Radio Italia Anni 60	radio	DVB	3/4	27.500			Italian			
			CRC FM	radio	DVB	3/4	27.500			Italian			
			Radio Vacri	radio	DVB	3/4	27.500						
Radio EuroSpin	radio	DVB	3/4	27.500			Italian						
Radio Radio	radio	DVB	3/4	27.500			Italian						
Radio Padre Pio	radio	DVB	3/4	27.500			Italian						
Radio Popolare	radio	DVB	3/4	27.500			Italian						
Radio Italia	radio	DVB	3/4	27.500			Italian						
Dimensione Suono Roma	radio	DVB	3/4	27.500			Italian						
Trito Programma	radio	DVB	3/4	27.500			Greek						
Radio Maria Italia	radio	DVB	3/4	27.500			Italian						

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.				
				Digital	FEC	MSy/s							
D 12.130	H	Europe	Radio Padania Libera	radio	DVB	3/4	27.500			Italian			
			Radio Dimensione Suono	radio	DVB	3/4	27.500			Italian			
			Radio Radicale	radio	DVB	3/4	27.500			Italian			
			Radio Zeta	radio	DVB	3/4	27.500			Italian			
			<u>Nova</u>	package	DVB	3/4	27.500	Irdeto 2					
			Nova promo	TV	DVB	3/4	27.500			Greek			
			FX Greece	TV	DVB	3/4	27.500	Irdeto 2		Greek			
			Novacinema Summer	TV	DVB	3/4	27.500	Irdeto 2		Greek			
			Fox Life Greece	TV	DVB	3/4	27.500	Irdeto 2					
			Disney Channel Middle East	TV	DVB	3/4	27.500	Irdeto 2		English,Greek			
D 12.149	V	Europe	<u>Antenna Hungária</u>	package	DVB	3/4	27.500						
			Equidia	TV	DVB	3/4	27.500	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0		French			
			La 5	TV	DVB	3/4	27.500	Nagravision 3		Italian			
			CCTV 4 Europe	TV	DVB	3/4	27.500			Chinese			
			Lider TV	TV	DVB	3/4	27.500			Azerbaijan			
			Al Shababiyah	TV	DVB	3/4	27.500			Arabic			
			CaspioNet	TV	DVB	3/4	27.500						
			Tunisie 7	TV	DVB	3/4	Y 27.500			Arabic			
			Lider Jazz Radio	radio	DVB	3/4	27.500			Azerbaijan			
			Radio Tunis Chaîne Internationale	radio	DVB	3/4	27.500						
			Ecoradio	radio	DVB	3/4	27.500			Italian			
			Rete Sport	radio	DVB	3/4	27.500			Italian			
			Radio Nationale	radio	DVB	3/4	27.500			Arabic			
			Tunisie Culture	radio	DVB	3/4	27.500			Arabic			
			Radiosei	radio	DVB	3/4	27.500			Italian			
			Radio Città Futura	radio	DVB	3/4	27.500			Italian			
			D 12.169	H	Europe	<u>Nova</u>	package	DVB	3/4	27.500	Irdeto 2		
Novasports 7	TV	DVB				3/4	27.500	Irdeto 2		Greek			
ET 3	TV	DVB				3/4	Y 27.500	Irdeto 2		Greek			
Discovery Channel Europe	TV	DVB				3/4	27.500	Irdeto 2		English			
SKAI Tileorasi	TV	DVB				3/4	27.500	Irdeto 2		Greek			
Novasports 2	TV	DVB				3/4	27.500	Irdeto 2		Greek			
Cartoon Network Middle East & Africa	TV	DVB				3/4	27.500	Irdeto 2		English			
TCM Middle East & Africa	TV	DVB				3/4	27.500	Irdeto 2		English			
Fox Life Greece	TV	DVB				3/4	27.500	Irdeto 2		Greek			
Kanali Voulis	TV	DVB				3/4	27.500			Greek			
Mad TV	TV	DVB				3/4	Y 27.500	Irdeto 2		Greek			
ET 1	TV	DVB				3/4	Y 27.500	Irdeto 2		Greek			
NET	TV	DVB				3/4	Y 27.500	Irdeto 2		Greek			
Makedonia TV	TV	DVB				3/4	Y 27.500	Irdeto 2		Greek			
Trito Programma	radio	DVB				3/4	27.500	Irdeto 2		Greek			
ERA Spor 101.8	radio	DVB				3/4	27.500	Irdeto 2		Greek			
Ellinika Agapmena	radio	DVB				3/4	27.500	Irdeto 2		Greek			
Deytero 103.7	radio	DVB				3/4	27.500	Irdeto 2		Greek			
Lounge TV	radio	DVB				3/4	27.500	Irdeto 2		Greek			
NET 105.8	radio	DVB				3/4	27.500	Irdeto 2		Greek			
Hits GR	radio	DVB				3/4	27.500	Irdeto 2		Greek			
Elliniko Rok	radio	DVB				3/4	27.500	Irdeto 2		Greek			
Rebetiko	radio	DVB				3/4	27.500	Irdeto 2		Greek			
D 12.188	V	Europe				<u>Cyfrowy Polsat</u>	package	DVB	3/4	27.500	Mediaguard 2/Nagravision 2/Nagravision 3		
						Polsat Futbol	TV	DVB	3/4	27.500	Nagravision 3		Polish
						Zone Romantica Polska & Magyar	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3		Polish
						AXN Crime	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3		Polish
			AXN Sci-Fi	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3		Polish			
			TVP 2	TV	DVB	3/4	Y 27.500	Nagravision 3		Polish			
			Cinemax 2 Central Europe	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3		Polish			
			ESPN Classic Europe	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3		Polish,English			
			AXN Polska	TV	DVB	3/4	Y 27.500	Mediaguard 2/Nagravision 3		Polish			
			Discovery Channel Polska	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3		Polish			
			Nat Geo Wild Europe	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3					
			Extreme Sports Channel	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3		Polish			
			Fox Life Polska	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3		Polish,English			
			Disney XD Polska	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3		Polish			
D 12.207	H	Europe	<u>RRsat Global Communications Network</u>	package	DVB	3/4	27.500						
			IPN TV	TV	DVB	3/4	27.500			Farsi			
			Arirang World	TV	DVB	3/4	27.500			Korean			
			CNL Evropa	TV	DVB	3/4	27.500			Russian			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.			
				Digital	FEC							
D 12.245	H	Europe	VTV 4	TV	DVB	3/4	27.500		Vietnamese			
			KICC TV	TV	DVB	3/4	27.500		English			
			XXX Xtreme	TV	DVB	3/4	27.500	Conax/Irdeto 2/Nagravision 3/Viaccess 2.6	English			
			KurdSat	TV	DVB	3/4	27.500		Kurdish			
			BVN TV Europa	TV	DVB	3/4	27.500		Dutch			
			Fashion TV Europe	TV	DVB	3/4	27.500					
			MKTV Sat	TV	DVB	3/4	27.500		Macedonian			
			3ABN Radio	radio	DVB	3/4	27.500		English			
			94 EFM	radio	DVB	3/4	27.500		Thai			
			Voice of Vietnam	radio	DVB	3/4	27.500					
			Neo Zwei	radio	DVB	3/4	27.500		German			
			RNW 2	radio	DVB	3/4	27.500		English			
			The Overcomer	radio	DVB	3/4	27.500		English			
			Rock Nation	radio	DVB	3/4	27.500		German			
			Makedonsko Radio	radio	DVB	3/4	27.500		Macedonian			
			RNW 1	radio	DVB	3/4	27.500		Dutch			
			<u>GlobeCast</u>	package	DVB	3/4	27.500					
			Korek TV	TV	DVB	3/4	27.500		Kurdish			
			Al Rasheed TV	TV	DVB	3/4	27.500		Arabic			
			Syria Drama	TV	DVB	3/4	27.500		Arabic			
			Alsumaria	TV	DVB	3/4	27.500		Arabic			
			Mezzo	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2/Viaccess 2.5	French			
			Azhari TV 2	TV	DVB	3/4	27.500		Arabic			
			Al Baghdadia	TV	DVB	3/4	27.500		Arabic			
			BBC Persian	TV	DVB	3/4	27.500		Farsi			
			Kurd 1	TV	DVB	3/4	27.500		Kurdish			
			Radio Orient	radio	DVB	3/4	27.500		Arabic			
			Al Rasheed FM	radio	DVB	3/4	27.500		Arabic			
			TRT Tamil Oli	radio	DVB	3/4	27.500		Tamil			
			France Maghreb	radio	DVB	3/4	27.500		French			
			Radio 2000	radio	DVB	3/4	27.500		Hebrew			
			A 12.265	V	Europe	<u>Cyfrowy Polsat</u>	package	DVB-S2	2/3	27.500	Conax/Mediaguard 2/Nagravision 3	
						HBO Polska	TV	DVB-S2	2/3	27.500	Conax/Mediaguard 2/Nagravision 3	Polish
Polsat Sport HD	TV	DVB-S2				2/3	27.500	Nagravision 3	Polish			
Fox Life Polska	TV	DVB-S2				2/3	27.500	Conax/Mediaguard 2/Nagravision 3	Polish			
AXN Polska	TV	DVB-S2				2/3	27.500	Nagravision 3	Polish			
Polsat	TV	DVB-S2				2/3	27.500	Nagravision 3	Polish			
D 12.284	H	Europe	<u>Cyfrowy Polsat</u>	package	DVB	3/4	27.500	Mediaguard 2/Nagravision 3				
			Boomerang Central & Eastern Europe	TV	DVB	3/4	27.500	Conax/Nagravision 3	Polish,English			
			JimJam Polska	TV	DVB	3/4	27.500	Nagravision 3	Polish			
			Blue Hustler Europe	TV	DVB	3/4	27.500	Nagravision 3	English			
			Travel Channel	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3	Polish,English,Russian			
			Cyfrowy Polsat promo	TV	DVB	3/4	27.500	Nagravision 3	Polish			
			Zone Europa	TV	DVB	3/4	27.500	Nagravision 3	Polish			
			Polsat Film	TV	DVB	3/4	27.500	Nagravision 3	Polish			
			TVP Info	TV	DVB	3/4	27.500	Nagravision 3	Polish			
			TVP Sport	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3	Polish			
			Superstacja	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3	Polish			
			Polskie Radio Trójka	radio	DVB	3/4	27.500	Nagravision 3	Polish			
			RMF Classic	radio	DVB	3/4	27.500		Polish			
			Radio Złote Przeboje	radio	DVB	3/4	27.500		Polish			
			Planeta FM	radio	DVB	3/4	27.500		Polish			
			RMF FM	radio	DVB	3/4	27.500	Nagravision 3	Polish			
			Radio PIN	radio	DVB	3/4	27.500		Polish			
			RMF Maxxx	radio	DVB	3/4	27.500		Polish			
			Radio Zet	radio	DVB	3/4	27.500		Polish			
			Polskie Radio Jedyńka	radio	DVB	3/4	27.500	Nagravision 3	Polish			
			Portal ITV	interacti	DVB	3/4	27.500					
			Pogoda	interacti	DVB	3/4	27.500					
			TV Banking	interacti	DVB	3/4	27.500					
D 12.303	V	Europe	<u>Orange</u>	package	DVB-S2	2/3	27.500	Viaccess 3.0/Viaccess 4.0				
			Jimmy France	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French			
			E! EMEA	TV	DVB-S2	2/3	27.500	Viaccess 3.0	English			
			Ma Chaîne Sport	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French			
			ESPN Classic Europe	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French			
			OMTV	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French			
			Canal + France	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French			
			Odyssée	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French			
			MCM France	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
D 12.322	H	Europe	Sport +	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French
			W9	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French
			M6	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French
			↳Télé	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French
			Boomerang France	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French
			<u>Eutelsat</u>	package	DVB	3/4	27.500	Conax/Mediaguard 2/Viaccess 2.5/Viaccess 2.6/Videoguard	
			K2	TV	DVB	3/4	27.500		Italian
			France 24 Arabe	TV	DVB	3/4	27.500		Arabic
			Sci Fi Channel Polska	TV	DVB	3/4	27.500	Conax/Mediaguard 2/Viaccess	Polish,Romanian
			Rede Internacional de TV	TV	DVB	3/4	27.500		Portuguese
			RTV International Europe	TV	DVB	3/4	27.500	Conax/Viaccess 2.5/Viaccess 2.6/Videoguard	Russian
			Detski Mir	TV	DVB	3/4	27.500	Conax/Viaccess 2.5/Viaccess 2.6/Videoguard	Russian
			TeleKlub	TV	DVB	3/4	27.500	Conax/Viaccess 2.5/Viaccess 2.6/Videoguard	Russian
			Lubimoe Kino	TV	DVB	3/4	27.500	Conax/Viaccess 2.5/Viaccess 2.6/Videoguard	Russian
			TV Arm Ru	TV	DVB	3/4	27.500		Russian
			World Fashion Channel International	TV	DVB	3/4	27.500		English
			Universal Channel Polska	TV	DVB	3/4	27.500	Conax/Mediaguard 2/Viaccess	Polish,Romanian
			Radio Azadegan	radio	DVB	3/4	27.500		
			Radio Dijla	radio	DVB	3/4	27.500		Arabic
			Megaradio	radio	DVB	3/4	27.500		Serbian
			Peiraiki Ekklesia 91.2 FM	radio	DVB	3/4	27.500		Greek
			Radio Fles	radio	DVB	3/4	27.500		Serbian
			Radio Svet Plus	radio	DVB	3/4	27.500		Serbian
Radio Srna Bosanka	radio	DVB	3/4	27.500		Bosnian			
Bobar Radio	radio	DVB	3/4	27.500		Serbian			
Radio Lijepa Nasa	radio	DVB	3/4	27.500		Croatian			
A 12.341	V	Europe	<u>Sky Italia</u>	package	DVB-S2	2/3	27.500	Videoguard	
			Sky Cinema Max	TV	DVB-S2	2/3	27.500	Videoguard	Italian
			Sky Primafila HD 1	TV	DVB-S2	2/3	27.500	Videoguard	Italian
			Discovery Channel Italia	TV	DVB-S2	2/3	27.500	Videoguard	Italian
			Sky Cinema 1	TV	DVB-S2	2/3	27.500	Videoguard	Italian
A 12.360	H	Europe	Sky Cinema Hits	TV	DVB-S2	2/3	27.500	Videoguard	Italian
			<u>Sky Italia</u>	package	DVB-S2	2/3	27.500	Videoguard	
			Sky Focus	TV	DVB-S2	2/3	27.500	Videoguard	Italian
			Sky Cinema Classics	TV	DVB-S2	2/3	27.500	Videoguard	Italian
			Sky Cinema +24	TV	DVB-S2	2/3	27.500	Videoguard	Italian
D 12.380	V	Europe	Sky Cinema +1	TV	DVB-S2	2/3	27.500	Videoguard	Italian
			Sky Cinema Family	TV	DVB-S2	2/3	27.500	Videoguard	Italian
			AXN Italia	TV	DVB-S2	2/3	27.500	Videoguard	Italian
			<u>GlobeCast</u>	package	DVB	3/4	27.500		
			Equidia Pro 1	TV	DVB	3/4	27.500	Mediaguard 2	French
D 12.399	H	Europe	Spirit Word	TV	DVB	3/4	27.500		English
			KSA 2	TV	DVB	3/4	27.500		English
			Al-Zahra TV	TV	DVB	3/4	27.500		Arabic
			Yemen TV	TV	DVB	3/4	27.500		Arabic
			Sat 7 Arabic	TV	DVB	3/4	27.500		Arabic
			Holy God	TV	DVB	3/4	27.500		Tamil
			Telepace	TV	DVB	3/4	27.500		Italian
			Al Sunnah Al Nabawiyah TV	TV	DVB	3/4	27.500		Arabic
			Speda Channel	TV	DVB	3/4	27.500		
			Equidia Pro 3	TV	DVB	3/4	27.500	Mediaguard 2	French
			Abu Dhabi Al Oula Europe	TV	DVB	3/4	27.500		Arabic
			Live TV	TV	DVB	3/4	27.500		Arabic
			Syria Satellite Channel	TV	DVB	3/4	27.500		Arabic
			Radio Vaticana Telepace	radio	DVB	3/4	27.500		
			Sana'a Radio	radio	DVB	3/4	27.500		Arabic
			Aden Radio	radio	DVB	3/4	27.500		Arabic
			Program Two	radio	DVB	3/4	27.500		Arabic
			European Broadcast	radio	DVB	3/4	27.500		
			Radio Sout Al-Shbab	radio	DVB	3/4	27.500		Arabic
			Emarat FM	radio	DVB	3/4	27.500		Arabic
			Radio Maria France	radio	DVB	3/4	27.500		French
			Radio Sout Al-Sha'ab	radio	DVB	3/4	27.500		Arabic
			RFI Français	radio	DVB	3/4	27.500		French
El-Bernameg Al-Aam	radio	DVB	3/4	27.500		Arabic			
<u>SRG SSR</u>	package	DVB	3/4	27.500	Viaccess 2.6/Viaccess 4.0				

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC	MSy/s			
			HD Suisse	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 4.0	German,French,Italian,English
			SF 1	TV	DVB	3/4	Y 27.500	Viaccess 2.6/Viaccess 4.0	German
			SF Info	TV	DVB	3/4	Y 27.500		German
			SF Zwei	TV	DVB	3/4	Y 27.500	Viaccess 2.6/Viaccess 4.0	German
			Radio Rumantsch	radio	DVB	3/4	27.500		Romany
			DRS 4 News	radio	DVB	3/4	27.500		German
			Radio Swiss Jazz	radio	DVB	3/4	27.500		German
			Radio Swiss Classic	radio	DVB	3/4	27.500		German
			DRS Musikwelle	radio	DVB	3/4	27.500		German
			Virus	radio	DVB	3/4	27.500		German
			DRS 3	radio	DVB	3/4	27.500		German
			DRS 2	radio	DVB	3/4	27.500		German
			DRS 1	radio	DVB	3/4	27.500		German
			Radio Swiss Pop	radio	DVB	3/4	27.500		German
D 12.418	V	Europe	<u>Sky Italia</u>	package	DVB	3/4	27.500	Videoguard	
			Sky Cinema Mania	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky Cinema Italia	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky Cinema Max +1	TV	DVB	3/4	27.500	Videoguard	Italian
D 12.437	H	Europe	<u>IRIB</u>	package	DVB	3/4	27.500		
			Jame-Jam TV Network 2	TV	DVB	3/4	27.500		Farsi,English
			IRINN	TV	DVB	3/4	27.500		Farsi
			Alalam News Channel	TV	DVB	3/4	27.500		Arabic
			Sahar 2	TV	DVB	3/4	27.500		
			Quran TV	TV	DVB	3/4	27.500		Farsi
			Alkawthar TV	TV	DVB	3/4	27.500		Arabic
			Press TV	TV	DVB	3/4	27.500		English
			Jame-Jam TV Network 1	TV	DVB	3/4	27.500		Farsi,English
			Sedaye Ashena 1	radio	DVB	3/4	27.500		Farsi
			COI Radio	radio	DVB	3/4	27.500		English
			Radio Quran	radio	DVB	3/4	27.500		Farsi
			IRIB World Service Radio 1	radio	DVB	3/4	27.500		
			IRIB World Service Radio 6	radio	DVB	3/4	27.500		
			IRIB World Service Radio 3	radio	DVB	3/4	27.500		
			IRIB World Service Radio 4	radio	DVB	3/4	27.500		
			IRIB World Service Radio 5	radio	DVB	3/4	27.500		
			IRIB World Service Radio 2	radio	DVB	3/4	27.500		
			IRIB World Service Radio 1	radio	DVB	3/4	27.500		
			Radio Iran	radio	DVB	3/4	27.500		Farsi
			IRIB World Service Radio 2	radio	DVB	3/4	27.500		
D 12.466	V	Europe	<u>Sky Italia</u>	package	DVB	3/4	29.900	Videoguard	
			Cooltoon	TV	DVB	3/4	29.900	Videoguard	Italian
			Sky HD promo	TV	DVB	3/4	29.900	Videoguard	Italian
			Cartoon Network Italia +1	TV	DVB	3/4	29.900	Videoguard	Italian
			The MGM Channel Italia	TV	DVB	3/4	29.900	Videoguard	Italian
			Roma Channel	TV	DVB	3/4	29.900	Videoguard	Italian
			GXT +1	TV	DVB	3/4	29.900	Videoguard	Italian
			Disney Channel Italia +1	TV	DVB	3/4	29.900	Videoguard	Italian
			Man-Ga	TV	DVB	3/4	29.900	Videoguard	Italian
			Fox News Channel	TV	DVB	3/4	29.900	Videoguard	English
			Boomerang Italia +1	TV	DVB	3/4	29.900	Videoguard	Italian
			Lei TV	TV	DVB	3/4	29.900	Videoguard	Italian
			Pesca e Caccia	TV	DVB	3/4	29.900	Videoguard	Italian
			Sky News International	TV	DVB	3/4	29.900	Videoguard	English
D 12.476	H	Europe	<u>Orange Polska</u>	package	DVB-S2	3/4	27.500	Viaccess 3.0	
			Discovery Channel Polska	TV	DVB-S2	3/4	27.500	Viaccess 3.0	
			AXN Polska	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish
			TVP HD	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish
			AXN Crime Polska	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish
			Boomerang Central & Eastern Europe	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish
			Discovery Science Channel Polska	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish
			Discovery World Polska	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish
			MTV Dance	TV	DVB-S2	3/4	27.500	Viaccess 3.0	English
			AXN Sci-Fi Polska	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish
			Nat Geo Wild Europe	TV	DVB-S2	3/4	27.500	Viaccess 3.0	English
			Extreme Sports Channel	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish
			MTV Rocks	TV	DVB-S2	3/4	27.500	Viaccess 3.0	English
			Mezzo	TV	DVB-S2	3/4	27.500	Viaccess 3.0	French
			KidsCo East Europe	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish
			Fox Life Polska	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish,English

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.			
				Digital	FEC							
D 12.520	V	Europe	Fox Life Polska	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish			
			<u>OiV</u>	package	DVB	3/4	27.500					
			TV Koper Capodistria	TV	DVB	3/4	27.500			Italian		
			TV Slovenija 2	TV	DVB	3/4	Y 27.500			Slovenian		
			HRT 1	TV	DVB	3/4	Y 27.500			Croatian		
			HRT 2	TV	DVB	3/4	Y 27.500	Viaccess 2.5/Viaccess 3.0		Croatian		
			HRT Plus	TV	DVB	3/4	Y 27.500	Viaccess 2.5/Viaccess 3.0		Croatian		
			TV Slovenija 1	TV	DVB	3/4	Y 27.500			Slovenian		
			RBK TV	TV	DVB	3/4	27.500			Russian		
			HRT Satelitski Program	TV	DVB	3/4	Y 27.500	Viaccess 2.5/Viaccess 3.0		Croatian		
			TV Slovenija 3	TV	DVB	3/4	Y 27.500			Slovenian		
			Ra Slo 1	radio	DVB	3/4	27.500			Slovenian		
			Radio Slovenia International	radio	DVB	3/4	27.500					
			Radio Capodistria	radio	DVB	3/4	27.500			Italian		
			Val 202	radio	DVB	3/4	27.500			Slovenian		
			HR Treci program	radio	DVB	3/4	27.500			Croatian		
			Radio Ars	radio	DVB	3/4	27.500			Slovenian		
			Glas Hrvatske	radio	DVB	3/4	27.500			Croatian		
			Radio Koprivnica	radio	DVB	3/4	27.500			Croatian		
			HR Radio Pula	radio	DVB	3/4	27.500			Croatian		
			Otvoreni Radio	radio	DVB	3/4	27.500			Croatian		
			Narodni Radio	radio	DVB	3/4	27.500			Croatian		
			HR Drugi program	radio	DVB	3/4	27.500			Croatian		
			Antena Zagreb	radio	DVB	3/4	27.500			Croatian		
			Mediaservis	radio	DVB	3/4	27.500			Croatian		
			HR Prvi program	radio	DVB	3/4	27.500			Croatian		
			D 12.539	H	Europe	<u>Eutelsat Skyplex</u>	package	DVB	3/4	27.500		
Al Nile	TV	DVB				3/4	27.500		Arabic			
Canal Algérie	TV	DVB				3/4	27.500		Arabic			
Nile TV International	TV	DVB				3/4	27.500					
Thalitha TV	TV	DVB				3/4	27.500		Arabic			
TV 8 Mont Blanc	TV	DVB				3/4	27.500		French			
Direct 8	TV	DVB				3/4	27.500		French			
Administra.it	TV	DVB				3/4	27.500		Italian			
Radio Algérie Internationale	radio	DVB				3/4	27.500					
Chaîne 2	radio	DVB				3/4	27.500		Arabic			
Chaîne 1	radio	DVB				3/4	27.500		Arabic			
D 12.558	V	Europe	<u>Eutelsat Skyplex</u>	package	DVB	3/4	27.500					
			Al Jazeera Children's Channel	TV	DVB	3/4	27.500		Arabic			
D 12.577	H	Europe	<u>Orange</u>	package	DVB-S2	2/3	27.500	Viaccess 3.0				
			Orange cinenovo	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French			
			Orange cinechoc	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French			
			Orange cinehappy	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French			
			Piwi	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French			
			KidsCo	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French			
			Boing Italia	TV	DVB-S2	2/3	27.500	Viaccess 3.0	Italian			
			Orange sport	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French			
			l>Télé	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French			
			Orange cinegeants	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French			
			M6	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French			
			Canal + France	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French			
			W9	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French			
			TéléToon France	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French			
			Orange sport	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French			
			Orange cinemax	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French			
			D 12.597	V	Europe	<u>GlobeCast</u>	package	DVB	3/4	27.500		
						JSTV 1	TV	DVB	3/4	27.500	Cryptoworks	Japanese,English
						ACQ-KBN	TV	DVB	3/4	27.500		English
						JSTV 2	TV	DVB	3/4	27.500	Cryptoworks	Japanese
CNN International Europe	TV	DVB				3/4	27.500	Conax/Cryptoworks/Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 3.0	English			
BBC World News	TV	DVB				3/4	Y 27.500		English			
Armenia 1 TV	TV	DVB				3/4	27.500		Armenian			
Perviy kanal Europa	TV	DVB				3/4	27.500		Russian			
EuroNews	TV	DVB				3/4	Y 27.500		French,English,German,Italian,Spanish,Portuguese,Russian,Arabic,Turkish,Farsi			
IBC Tamil Radio	radio	DVB				3/4	27.500		Tamil			
WRN English Europe	radio	DVB	3/4	27.500		English						

Freq (GHz)	Pol	Beam	Channel	Analogue Audio MHz		Text MSy/s	Access	Lang.
				Digital	FEC			
			WRN Deutsch	radio	DVB	3/4	27.500	German
			WRN Français	radio	DVB	3/4	27.500	French
			RCI 3	radio	DVB	3/4	27.500	
			RCI 2	radio	DVB	3/4	27.500	French
			RCI 1	radio	DVB	3/4	27.500	English
			Radio Sedaye Iran	radio	DVB	3/4	27.500	Farsi
			National Prison Radio Network	radio	DVB	3/4	27.500	English
			WRN Russkij	radio	DVB	3/4	27.500	Russian
			Radio Japan	radio	DVB	3/4	27.500	
			CVC The Voice Asia	radio	DVB	3/4	27.500	Hindi
			WRN Moscow AM	radio	DVB	3/4	27.500	
			Radio Almahabba	radio	DVB	3/4	27.500	Arabic
			Sawt Al Alam	radio	DVB	3/4	27.500	Arabic
			WRN Multilingual Asia Pacific	radio	DVB	3/4	27.500	
			Radio Suomi	radio	DVB	3/4	27.500	
			Radio Finland	radio	DVB	3/4	27.500	
			Adventist World Radio	radio	DVB	3/4	27.500	
			Family Radio International 1	radio	DVB	3/4	27.500	
			CNN Radio	radio	DVB	3/4	27.500 Conax/Cryptoworks/Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 3.0	English
			Public Radio of Armenia	radio	DVB	3/4	27.500	Armenian
			Family Radio International 2	radio	DVB	3/4	27.500	
D 12.616	H	Europe	Sky Italia	package	DVB	3/4	27.500 Videoguard	
			Nickelodeon Italia	TV	DVB	3/4	27.500 Videoguard	Italian
			MyDeejay TV	TV	DVB	3/4	27.500 Videoguard	Italian
			Sportitalia	TV	DVB	3/4	27.500 Videoguard	Italian
			Baby TV Europe	TV	DVB	3/4	27.500 Videoguard	Italian
			Milan Channel	TV	DVB	3/4	27.500 Videoguard	Italian
			Video Italia	TV	DVB	3/4	Y 27.500 Videoguard	Italian
			Nickelodeon Italia +1	TV	DVB	3/4	27.500 Videoguard	Italian
			Comedy Central Italia	TV	DVB	3/4	27.500 Videoguard	Italian
			Sportitalia 2	TV	DVB	3/4	27.500 Videoguard	Italian
			Sky Calcio Info	TV	DVB	3/4	27.500	Italian
			La 7	TV	DVB	3/4	27.500 Videoguard	Italian
D 12.635	V	Europe	Sky Italia	package	DVB	3/4	27.500 Videoguard	
			Toon Disney Italia +1	TV	DVB	3/4	27.500 Videoguard	Italian
			Juventus Channel	TV	DVB	3/4	27.500 Videoguard	Italian
			Disney in English	TV	DVB	3/4	27.500 Videoguard	English
			Classica Italia	TV	DVB	3/4	27.500 Videoguard	Italian
			DeA Kids	TV	DVB	3/4	27.500 Videoguard	Italian
			Disney XD Italia +1	TV	DVB	3/4	27.500 Videoguard	Italian
			La 3	TV	DVB	3/4	27.500 Videoguard	Italian
			E! Italia	TV	DVB	3/4	27.500 Videoguard	Italian
			ESPN America Europe	TV	DVB	3/4	27.500 Videoguard	Italian
			Inter Channel	TV	DVB	3/4	27.500 Videoguard	Italian
D 12.654	H	Europe	Arabsat	package	DVB	3/4	27.500	
			Al Ordoni TV	TV	DVB	3/4	27.500	Arabic
			Al Quran Al Kareem TV	TV	DVB	3/4	27.500	Arabic
			Qatar TV	TV	DVB	3/4	27.500	Arabic
			Saudi Arabian TV 1	TV	DVB	3/4	27.500	Arabic
			Kuwait Space Channel	TV	DVB	3/4	27.500	Arabic
			Jamahiriya Satellite Channel	TV	DVB	3/4	27.500	Arabic
			Sudan TV	TV	DVB	3/4	27.500	Arabic
			Oman TV Satellite	TV	DVB	3/4	27.500	Arabic
			Al Masriyah	TV	DVB	3/4	27.500	Arabic
			Al-Iraqiya TV	TV	DVB	3/4	27.500	Arabic
			Al Mustakillah TV	TV	DVB	3/4	27.500	Arabic
			Sharjah TV	TV	DVB	3/4	27.500	Arabic
			El-Quran El-Karim	radio	DVB	3/4	27.500	Arabic
			Sharjah FM	radio	DVB	3/4	27.500	Arabic
			Qatar Radio General	radio	DVB	3/4	27.500	Arabic
			Radio Kuwait Main	radio	DVB	3/4	27.500	Arabic
			Radio Quran	radio	DVB	3/4	27.500	Arabic
			Umdurman Radio	radio	DVB	3/4	27.500	Arabic
			Radio Umdurman Holy Koran	radio	DVB	3/4	27.500	Arabic
			Radio Oman	radio	DVB	3/4	27.500	Arabic
			Radio Oman FM	radio	DVB	3/4	27.500	English
			Sout Al-Arab	radio	DVB	3/4	27.500	Arabic
			El-Bernameg Al-Aam	radio	DVB	3/4	27.500	Arabic
			Republic of Iraq Radio	radio	DVB	3/4	27.500	Arabic

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC	MSy/s			
D 12.673	V	Europe	Al-Shabab	radio	DVB	3/4	27.500		Arabic
			Iza'at Al-Quran Al-Kareem wa al Barameg Al-Deeniyah	radio	DVB	3/4	27.500		Arabic
			Holy Quran Radio	radio	DVB	3/4	27.500		Arabic
			Radio Jordan General Channel	radio	DVB	3/4	27.500		Arabic
			Program One	radio	DVB	3/4	27.500		Arabic
			Holy Quran	radio	DVB	3/4	27.500		Arabic
			<u>Sky Italia</u>	package	DVB	3/4	27.500	Videoguard	
			Sky Primafila 14	TV	DVB	3/4	27.500	Videoguard	Italian,Italian
			Sky Primafila 12	TV	DVB	3/4	27.500	Videoguard	Italian,Italian
			Sky Primafila 6	TV	DVB	3/4	27.500	Videoguard	Italian,Italian
			Sky Primafila 2	TV	DVB	3/4	27.500	Videoguard	Italian,Italian
			Sky Primafila 8	TV	DVB	3/4	27.500	Videoguard	Italian,Italian
			Sky Primafila 4	TV	DVB	3/4	27.500	Videoguard	Italian,Italian
			Sky Primafila 10	TV	DVB	3/4	27.500	Videoguard	Italian,Italian
			Vetrina Primafila	TV	DVB	3/4	27.500	Videoguard	Italian
D 12.692	H	Europe	Sky Calcio 3	TV	DVB	3/4	27.500	Videoguard	Italian
			<u>Bis</u>	package	DVB	3/4	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	
			W9	TV	DVB	3/4	27.500	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
			M6	TV	DVB	3/4	27.500	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
			France 2	TV	DVB	3/4	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
			TMC	TV	DVB	3/4	Y 27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
			Ciné Polar	TV	DVB	3/4	Y 27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
			Ciné FX	TV	DVB	3/4	Y 27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
			Virgin 17	TV	DVB	3/4	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
			AB 3	TV	DVB	3/4	Y 27.500	Mediaguard 2/Viaccess 2.5/Viaccess 4.0	French
			AB 4	TV	DVB	3/4	Y 27.500	Mediaguard 2/Viaccess 2.5/Viaccess 4.0	French
			Gulli	TV	DVB	3/4	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	French
			Luxe TV	TV	DVB	3/4	27.500		French,English,Italian,Russian
			Orange sport info	TV	DVB	3/4	27.500	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
			France 3 Sat	TV	DVB	3/4	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
D 12.713	V	Europe	France 4	TV	DVB	3/4	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
			Ciné First	TV	DVB	3/4	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 4.0	French
			NRJ 12	TV	DVB	3/4	27.500	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
			<u>Sky Italia</u>	package	DVB	3/4	27.500	Videoguard	
			Sky Primafila 26	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky Play promo	TV	DVB	3/4	27.500		Italian
			Sky Primafila 27	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky Primafila 24	TV	DVB	3/4	27.500	Videoguard	Italian
			Eurosport Italia	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky Primafila 15	TV	DVB	3/4	27.500	Videoguard	Italian
			Eurosport News Italia	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky Primafila 28	TV	DVB	3/4	27.500	Videoguard	Italian
			Eurosport 2 Italia	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky Primafila 25	TV	DVB	3/4	27.500	Videoguard	Italian
			D 12.731	H	Europe	<u>Sky Italia</u>	package	DVB	3/4
MTV Brand New	TV	DVB				3/4	27.500	Videoguard	
VH1 Europe A	TV	DVB				3/4	27.500	Videoguard	English
Animal Planet Italia	TV	DVB				3/4	27.500	Videoguard	Italian
Discovery Real Time Italia	TV	DVB				3/4	27.500	Videoguard	Italian
ESPN Classic Italia	TV	DVB				3/4	27.500	Videoguard	Italian
MTV Italia	TV	DVB				3/4	27.500	Videoguard	Italian
MTV Gold	TV	DVB				3/4	27.500	Videoguard	
Boomerang Italia	TV	DVB				3/4	27.500	Videoguard	Italian
GXT	TV	DVB				3/4	27.500	Videoguard	Italian
MTV Pulse Italia	TV	DVB				3/4	27.500	Videoguard	
MTV Hits Italia	TV	DVB				3/4	27.500	Videoguard	Italian

EUROBIRD™ 1 (28.5°EAST)

D 11.222	H	Fixed	<u>Sky UK</u>	package	DVB	2/3	27.500		
			Clubland TV	TV	DVB	2/3	27.500		English
			Press TV	TV	DVB	2/3	27.500		English
			BET UK +1	TV	DVB	2/3	27.500		English

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC	MSy/s			
D 11.224	V	Fixed	Edge	TV	DVB	2/3	27.500		English
			Bluebird TV 5	TV	DVB	2/3	27.500		English
			Sport XXX Girls	TV	DVB	2/3	27.500	Videoguard	English
			Bluebird TV 7	TV	DVB	2/3	27.500		English
			CinéMoi	TV	DVB	2/3	27.500	Videoguard	
			Chat Box	TV	DVB	2/3	27.500		English
			Lava	TV	DVB	2/3	27.500		English
			Jewellery Maker	TV	DVB	2/3	27.500		English
			Ummah Channel	TV	DVB	2/3	27.500		English
			Horror Channel +1	TV	DVB	2/3	27.500		English
			UCB TV	TV	DVB	2/3	27.500		English
			Babestation 2	TV	DVB	2/3	27.500		English
			Galaxy Yorkshire	radio	DVB	2/3	27.500		English
			Sunrise Radio	radio	DVB	2/3	27.500		English
			BFBS Radio Digital	radio	DVB	2/3	27.500		English
			LBC 97.3	radio	DVB	2/3	27.500		English
			Heart 106.2	radio	DVB	2/3	27.500		English
			<u>SkY UK</u>	package	DVB	2/3	27.500	Videoguard	
			Movies4Men 2	TV	DVB	2/3	27.500		English
			Sahara One	TV	DVB	2/3	27.500	Videoguard	Hindi
			PTV Global UK & Europe	TV	DVB	2/3	27.500		Urdu
			Al Jazeera Children's Channel	TV	DVB	2/3	27.500		Arabic
			Venus TV	TV	DVB	2/3	27.500		English
			Nollywood Movies	TV	DVB	2/3	27.500	Videoguard	English
			Movies4Men	TV	DVB	2/3	27.500		English
			RTÉ Radio 1 Extra	radio	DVB	2/3	27.500		English
			Jazz FM	radio	DVB	2/3	27.500		English
			Voice of Truth Radio	radio	DVB	2/3	27.500		English
			Rainbow Radio	radio	DVB	2/3	27.500		
			Insight Radio	radio	DVB	2/3	27.500		English
			Amrit Bani	radio	DVB	2/3	27.500		Punjabi
			Absolute 80s	radio	DVB	2/3	27.500		English
			Absolute Radio	radio	DVB	2/3	27.500		English
			Desi Radio	radio	DVB	2/3	27.500		
			Absolute Radio 90s	radio	DVB	2/3	27.500		English
			NME Radio	radio	DVB	2/3	27.500		English
			Liberty Radio	radio	DVB	2/3	27.500		English
			Family Radio	radio	DVB	2/3	27.500		English
			TWR UK	radio	DVB	2/3	27.500		English
			Absolute Classic Rock	radio	DVB	2/3	27.500		English
			Npower Radio	radio	DVB	2/3	27.500		English
			WRN English Europe	radio	DVB	2/3	27.500		English
			Yorkshire Radio	radio	DVB	2/3	27.500		English
			Gaydar Radio	radio	DVB	2/3	27.500		English
			CC Radio	radio	DVB	2/3	27.500		English
			Radio Caroline	radio	DVB	2/3	27.500		English
			Spectrum Radio Sky	radio	DVB	2/3	27.500		
			Free & Prize PlayJam Games	interacti	DVB	2/3	27.500	Videoguard	
			<u>SkY UK</u>	package	DVB	2/3	27.500		
			B4U Movies UK	TV	DVB	2/3	27.500	Videoguard	Hindi
			Open Access 3	TV	DVB	2/3	27.500		English
			Smart Live Casino Roulette	TV	DVB	2/3	27.500		English
			Movies4Men 2 +1	TV	DVB	2/3	27.500		English
			Showcase TV	TV	DVB	2/3	27.500		English
			Revelation TV	TV	DVB	2/3	27.500		English
			Faith TV +1	TV	DVB	2/3	27.500		English
			Renault TV UK	TV	DVB	2/3	27.500		English
B4U Music UK	TV	DVB	2/3	27.500		English			
Gospel Channel	TV	DVB	2/3	27.500		English			
Aaj Tak International	TV	DVB	2/3	27.500	Videoguard	Hindi			
Open Access 2	TV	DVB	2/3	27.500		English			
Omusic TV	TV	DVB	2/3	27.500		English			
NTV	TV	DVB	2/3	27.500		Bengali			
<u>SkY UK</u>	package	DVB	2/3	27.500					
Travel Channel UK +1	TV	DVB	2/3	27.500		English			
CBS Reality +1	TV	DVB	2/3	27.500		English			
3e	TV	DVB	2/3	27.500	Videoguard	English			
Max TV!	TV	DVB	2/3	27.500		English			
GayNetwork	TV	DVB	2/3	27.500		English			
Thane Direct	TV	DVB	2/3	27.500		English			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC	MSy/s			
			Horror Channel	TV	DVB	2/3	27.500		English
			DM Digital	TV	DVB	2/3	27.500		Urdu
			CNBC UK	TV	DVB	2/3	Y 27.500		English
			The Africa Channel	TV	DVB	2/3	27.500	Videoguard	English
			Star Gold UK	TV	DVB	2/3	27.500	Videoguard	Hindi
			Crime & Investigation Network UK +1	TV	DVB	2/3	27.500	Videoguard	English
			Casino TV	TV	DVB	2/3	27.500		English
			Star Plus UK	TV	DVB	2/3	27.500	Videoguard	Hindi
			Wonderful	TV	DVB	2/3	27.500		English
			Panjab Radio	radio	DVB	2/3	27.500		Panjabi
D 11.307	H	Fixed	Living Ireland	TV	DVB	2/3	27.500	Videoguard	English
D 11.307	H	Fixed	S4C Dau Two	TV	DVB	2/3	27.500		Welsh
D 11.307	H	Fixed	Livingit +1	TV	DVB	2/3	27.500	Videoguard	English
D 11.307	H	Fixed	Propeller	TV	DVB	2/3	27.500		English
D 11.307	H	Fixed	Challenge +1	TV	DVB	2/3	27.500	Videoguard	English
D 11.307	H	Fixed	Virgin 1 +1	TV	DVB	2/3	27.500	Videoguard	English
D 11.307	H	Fixed	Bravo 2	TV	DVB	2/3	27.500	Videoguard	English
D 11.307	H	Fixed	Premier Christian Radio	radio	DVB	2/3	27.500		English
D 11.307	H	Fixed	<u>Skv UK</u>	package	DVB	2/3	27.500	Videoguard	
D 11.307	V	Fixed	Aastha International	TV	DVB	2/3	27.500		Hindi
D 11.307	V	Fixed	Ideal World	TV	DVB	2/3	27.500		English
D 11.307	V	Fixed	High Street TV	TV	DVB	2/3	27.500		English
D 11.307	V	Fixed	MUTV	TV	DVB	2/3	Y 27.500	Videoguard	English
D 11.307	V	Fixed	Create and Craft	TV	DVB	2/3	27.500		English
D 11.307	V	Fixed	Club Paradiso	TV	DVB	2/3	27.500		English
D 11.307	V	Fixed	Motors TV UK	TV	DVB	2/3	27.500	Videoguard	French,English
D 11.307	V	Fixed	The Jewellery Channel	TV	DVB	2/3	27.500		English
D 11.307	V	Fixed	Ideal & More	TV	DVB	2/3	27.500		English
D 11.307	V	Fixed	Ideal Extra	TV	DVB	2/3	27.500		English
D 11.307	V	Fixed	<u>Skv UK</u>	package	DVB	2/3	27.500		
D 11.343	V	Fixed	<u>Skv UK</u>	package	DVB	2/3	27.500		
			Ahlulbayt TV	TV	DVB	2/3	27.500		English
			Psychic TV	TV	DVB	2/3	27.500		English
			CBS Drama	TV	DVB	2/3	27.500		English
			NickToons Replay	TV	DVB	2/3	27.500	Videoguard	English
			Hallmark Channel UK	TV	DVB	2/3	27.500	Videoguard	English
			Takbeer TV	TV	DVB	2/3	27.500		
			Bluebird TV 3	TV	DVB	2/3	27.500		English
			Comedy Central Extra +1	TV	DVB	2/3	27.500	Videoguard	English
			Star One UK	TV	DVB	2/3	27.500	Videoguard	Hindi
			My Channel	TV	DVB	2/3	27.500		English
			Imagine TV	TV	DVB	2/3	27.500		Hindi
			Starz	TV	DVB	2/3	27.500		English
			Babestation	TV	DVB	2/3	27.500		English
			Babestation Xtra	TV	DVB	2/3	27.500		English
			Asian Babes	TV	DVB	2/3	27.500		English
			Psychic & Soul	TV	DVB	2/3	27.500		English
			Brit Asia TV	TV	DVB	2/3	27.500		English
D 11.344	H	Fixed	<u>Skv UK</u>	package	DVB	2/3	27.500		
			BET UK	TV	DVB	2/3	27.500		English
			40+ Readers Wives	TV	DVB	2/3	27.500		English
			Chat Lounge	TV	DVB	2/3	27.500		English
			Bluebird TV 7	TV	DVB	2/3	27.500		English
			Hidayat TV	TV	DVB	2/3	27.500		Urdu
			Nick Jr UK +1	TV	DVB	2/3	27.500	Videoguard	English
			Wedding TV UK	TV	DVB	2/3	27.500		English
			Food Network UK +1	TV	DVB	2/3	27.500		English
			Elite TV 914	TV	DVB	2/3	27.500		English
			Bangla TV	TV	DVB	2/3	27.500		Bengali
			Retro TV	TV	DVB	2/3	27.500		English
			ESPN Classic UK	TV	DVB	2/3	27.500	Videoguard	English
			E! Ireland	TV	DVB	2/3	27.500	Videoguard	English
			Food Network UK	TV	DVB	2/3	27.500		English
D 11.389	H	Fixed	<u>Skv UK</u>	package	DVB	2/3	27.500	Videoguard	
			Discovery Home & Health UK +1	TV	DVB	2/3	27.500	Videoguard	English
			DMAX UK +1	TV	DVB	2/3	27.500	Videoguard	English
			DMAX UK	TV	DVB	2/3	27.500	Videoguard	English
			Discovery Science Channel UK +1	TV	DVB	2/3	27.500	Videoguard	English
			Animal Planet Europe +1	TV	DVB	2/3	27.500	Videoguard	English

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.			
				Digital	FEC	MSy/s						
D 11.390	V	Fixed	Investigation Discovery Europe	TV	DVB	2/3	27.500	Videoguard	English			
			Quest +1	TV	DVB	2/3	27.500	Videoguard	English			
			Discovery Knowledge +1	TV	DVB	2/3	27.500	Videoguard	English			
			Discovery Shed	TV	DVB	2/3	27.500	Videoguard	English			
			Discovery Real Time UK +1	TV	DVB	2/3	27.500	Videoguard	English			
			DMAX UK +2	TV	DVB	2/3	27.500	Videoguard	English			
			<u>Sky UK</u>	package	DVB	2/3	27.500	Videoguard				
			Movies 24 UK	TV	DVB	2/3	27.500	Videoguard	English			
			Movies 24 UK +	TV	DVB	2/3	27.500	Videoguard	English			
			ARY News UK & USA	TV	DVB	2/3	27.500		Urdu			
			Celebrity Shop	TV	DVB	2/3	27.500		English			
			Chat Girl TV	TV	DVB	2/3	27.500		English			
			Top Shelf TV	TV	DVB	2/3	27.500	Videoguard	English			
			Elite TV 911	TV	DVB	2/3	27.500		English			
			Climax 3-1	TV	DVB	2/3	27.500	Videoguard	English			
			Climax 3-2	TV	DVB	2/3	27.500	Videoguard	English			
			Climax 3-3	TV	DVB	2/3	27.500	Videoguard	English			
			Adult Channel	TV	DVB	2/3	Y 27.500	Videoguard	English			
			Playboy TV UK	TV	DVB	2/3	Y 27.500	Videoguard	English			
			Tease Me TV 902	TV	DVB	2/3	27.500		English			
D 11.426	V	Fixed	<u>Sky UK</u>	package	DVB	2/3	27.500	Videoguard				
			Glory TV	TV	DVB	2/3	27.500		English			
			Bloomberg TV Europe	TV	DVB	2/3	27.500		English			
			Speed Auction TV	TV	DVB	2/3	27.500		English			
			Bid TV	TV	DVB	2/3	27.500		English			
			ARY QTV	TV	DVB	2/3	27.500	Videoguard	English			
			Diva TV	TV	DVB	2/3	27.500	Videoguard	English			
			Colors	TV	DVB	2/3	27.500	Videoguard	Hindi			
			Max UK	TV	DVB	2/3	27.500	Videoguard	Hindi			
			Price-Drop TV	TV	DVB	2/3	27.500		English			
			Aag TV UK	TV	DVB	2/3	27.500	Videoguard				
			Geo UK	TV	DVB	2/3	27.500		Urdu			
			KICC TV	TV	DVB	2/3	27.500		English			
			OBE TV	TV	DVB	2/3	27.500		English			
			D 11.469	H	S1	<u>Sky UK</u>	package	DVB	2/3	27.500	Videoguard	
						Sky Box Office 59	TV	DVB	2/3	27.500	Videoguard	English
						Sky Box Office 2	TV	DVB	2/3	27.500	Videoguard	English
						Sky Box Office 27	TV	DVB	2/3	27.500	Videoguard	English
						Sky Box Office 28	TV	DVB	2/3	27.500	Videoguard	English
						Sky Box Office 29	TV	DVB	2/3	27.500	Videoguard	English
Sky Box Office 30	TV	DVB				2/3	27.500	Videoguard	English			
Sky Box Office 31	TV	DVB				2/3	27.500	Videoguard	English			
Sky Box Office 32	TV	DVB				2/3	27.500	Videoguard	English			
Sky Box Office 33	TV	DVB				2/3	27.500	Videoguard	English			
Sky Box Office 26	TV	DVB				2/3	27.500	Videoguard	English			
Sky Box Office 58	TV	DVB				2/3	27.500	Videoguard	English			
Sky Portal Video	TV	DVB				2/3	27.500		English			
Sky Box Office 34	TV	DVB				2/3	27.500	Videoguard	English			
D 11.508	H	S1				<u>Sky UK</u>	package	DVB	2/3	27.500	Videoguard	
						Playboy Lovers	TV	DVB	2/3	27.500	Videoguard	English
						Sky Box Office Events	TV	DVB	2/3	27.500	Videoguard	English
						XXX First Timers	TV	DVB	2/3	27.500	Videoguard	English
						XXX Gay	TV	DVB	2/3	27.500	Videoguard	English
						British Eurosport	TV	DVB	2/3	27.500	Videoguard	English
			Sky Venue	TV	DVB	2/3	27.500	Videoguard	English			
			Girls Gone Wild	TV	DVB	2/3	27.500	Videoguard	English			
			Amateur Babes	TV	DVB	2/3	27.500	Videoguard	English			
			100% Babes	TV	DVB	2/3	27.500	Videoguard	English			
			D 11.527	V	S1	<u>Sky UK</u>	package	DVB	2/3	27.500		
						Tease Me TV 959	TV	DVB	2/3	27.500		English
						The Dating Channel	TV	DVB	2/3	Y 27.500		English
Channel M	TV	DVB				2/3	27.500		English			
GayDateTV	TV	DVB				2/3	Y 27.500		English			
Comedy Central Ireland	TV	DVB				2/3	Y 27.500	Videoguard	English			
Comedy Central UK +1	TV	DVB				2/3	Y 27.500	Videoguard	English			
Islam Channel	TV	DVB				2/3	27.500		English			
Tease Me TV 912	TV	DVB				2/3	27.500		English			
Extreme Sports Channel UK	TV	DVB				2/3	27.500	Videoguard	English			
D 11.546	H	S1	<u>Sky UK</u>	package	DVB	2/3	27.500					
			Shop on TV	TV	DVB	2/3	27.500		English			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
D 11.565	V	S1	Geo News	TV	DVB	2/3	27.500	Videoguard	Urdu
			Gala TV	TV	DVB	2/3	27.500		English
			ARY Digital UK/Europe	TV	DVB	2/3	27.500	Videoguard	Urdu
			V Channel	TV	DVB	2/3	27.500		English
			Faith TV	TV	DVB	2/3	27.500		English
			<u>Sky UK</u>	package	DVB	2/3	27.500	Videoguard	
			Sky Box Office 55	TV	DVB	2/3	27.500	Videoguard	English
			Sky Preview	TV	DVB	2/3	27.500	Videoguard	English
			Sky Box Office 1	TV	DVB	2/3	27.500	Videoguard	English
			Sky Box Office 3	TV	DVB	2/3	27.500	Videoguard	English
			Sky Preview	TV	DVB	2/3	27.500		English
			Sky Movies Preview mosaic	TV	DVB	2/3	27.500		English
			Sky Box Office Preview	TV	DVB	2/3	27.500	Videoguard	English
			Sky Box Office 54	TV	DVB	2/3	27.500	Videoguard	English
			Sky Box Office 60	TV	DVB	2/3	27.500	Videoguard	English
D 11.585	H	S1	<u>Sky UK</u>	package	DVB	2/3	27.500	Videoguard	
			The Entrepreneur Channel	TV	DVB	2/3	27.500		English
			ESPN in Pubs	TV	DVB	2/3	27.500	Videoguard	English
			Q	TV	DVB	2/3	Y 27.500	Videoguard	English
			Channel Aka	TV	DVB	2/3	27.500		English
			Liverpool FC TV	TV	DVB	2/3	27.500	Videoguard	English
			Film 24	TV	DVB	2/3	27.500		English
			Sikh Channel	TV	DVB	2/3	27.500		Punjabi
			Supreme Master TV	TV	DVB	2/3	27.500		English
			Racing UK	TV	DVB	2/3	Y 27.500	Videoguard	English
			Magic	TV	DVB	2/3	Y 27.500	Videoguard	English
			ESPN America UK	TV	DVB	2/3	27.500	Videoguard	English
			<u>Sky UK</u>	package	DVB	2/3	27.500	Videoguard	
			Sky Movies Crime & Thriller	TV	DVB	2/3	27.500	Videoguard	English,English
			History UK +1	TV	DVB	2/3	27.500	Videoguard	English
Sky Movies Premiere	TV	DVB	2/3	Y 27.500	Videoguard	English,English			
Bio UK	TV	DVB	2/3	27.500	Videoguard	English			
Sky Movies Premiere +1	TV	DVB	2/3	Y 27.500	Videoguard	English,English			
Sky Anytime B	TV	DVB	2/3	27.500	Videoguard	English,English			
Sky Anytime A	TV	DVB	2/3	27.500	Videoguard	English,English			
History UK	TV	DVB	2/3	27.500	Videoguard	English,English			
D 11.623	H	S1	WAP Casino One	interacti	DVB	2/3	27.500	Videoguard	
			<u>Sky UK</u>	package	DVB	2/3	27.500		
			Information TV	TV	DVB	2/3	27.500		English
			Diva TV +1	TV	DVB	2/3	27.500	Videoguard	English
			Syfy UK +1	TV	DVB	2/3	27.500	Videoguard	English
			Baby TV Europe	TV	DVB	2/3	27.500	Videoguard	English
			Showcase 2	TV	DVB	2/3	27.500		English
			Abu Dhabi Al Oula Europe	TV	DVB	2/3	27.500		Arabic
			Prime TV	TV	DVB	2/3	27.500		
			Phoenix CNE	TV	DVB	2/3	27.500		Chinese
			RT English	TV	DVB	2/3	27.500		English
			Magic 105.4 FM	radio	DVB	2/3	27.500		English
			Costcutter In Tune Radio	radio	DVB	2/3	27.500		English
			Kiss 100	radio	DVB	2/3	27.500		English
			D 11.642	V	S1	<u>Sky UK</u>	package	DVB	2/3
True Movies 2	TV	DVB				2/3	27.500		English
Pop!	TV	DVB				2/3	27.500		English
PopGirl +1	TV	DVB				2/3	27.500		English
Chart Show TV	TV	DVB				2/3	27.500		English
PopGirl	TV	DVB				2/3	27.500		English
The Vault	TV	DVB				2/3	27.500		English
Kix!	TV	DVB				2/3	27.500		English
Tiny Pop +1	TV	DVB				2/3	27.500		English
True Entertainment	TV	DVB				2/3	27.500		English
Tiny Pop	TV	DVB				2/3	27.500		English
True Movies	TV	DVB				2/3	27.500		English
Dance Nation	TV	DVB				2/3	27.500		English
Scuzz	TV	DVB				2/3	27.500		English
Bliss	TV	DVB				2/3	27.500		English
Flava	TV	DVB	2/3	27.500		English			
D 11.662	H	S1	NME TV	TV	DVB	2/3	27.500		English
			<u>Sky UK</u>	package	DVB	2/3	27.500		
			Inspiration Network International	TV	DVB	2/3	27.500		English
God TV UK	TV	DVB	2/3	27.500		English			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
			TBN Europe	TV	DVB	2/3	27.500		English
			France 24 English	TV	DVB	2/3	27.500		English
			Cee (I) TV	TV	DVB	2/3	27.500	Videoguard	Tamil
			Super Casino	TV	DVB	2/3	27.500		English
			MTA International	TV	DVB	2/3	27.500	Urdu,English,French,German,Arabic,Bengali	li
			The Word Network	TV	DVB	2/3	27.500		English
			CCTV News English	TV	DVB	2/3	27.500		English
D 11.681	V	S1	<u>Sky UK</u>	package	DVB	2/3	27.500	Videoguard	
			Setanta Sports 1	TV	DVB	2/3	27.500	Videoguard	English
			Syfy UK	TV	DVB	2/3	27.500	Videoguard	English
			Premier Sports	TV	DVB	2/3	27.500	Videoguard	English
			Setanta Ireland	TV	DVB	2/3	27.500	Videoguard	English
			Hallmark Channel UK +1	TV	DVB	2/3	27.500	Videoguard	English
			NHK World TV	TV	DVB	2/3	27.500		English
			Al Jazeera English	TV	DVB	2/3	27.500		English
			Premier Sports Extra	TV	DVB	2/3	27.500	Videoguard	English
			NewsTalk	radio	DVB	2/3	27.500		English
D 12.523	H	Fixed	Voxafrika Africa	TV	DVB	2/3	27.500		
D 12.523	H	Fixed	Movies4Men +1	TV	DVB	2/3	27.500		English
D 12.523	H	Fixed	OH TV	TV	DVB	2/3	27.500		English
D 12.523	H	Fixed	AIT International UK	TV	DVB	2/3	27.500	Videoguard	English
D 12.523	H	Fixed	Ahlebaith TV	TV	DVB	2/3	27.500		
D 12.523	H	Fixed	Music India	TV	DVB	2/3	27.500		Hindi
D 12.523	H	Fixed	Madani Channel	TV	DVB	2/3	27.500		Urdu
D 12.523	H	Fixed	Bluebird TV 3	TV	DVB	2/3	27.500		English
D 12.523	H	Fixed	EWTN UK	TV	DVB	2/3	27.500		English
D 12.523	H	Fixed	BEN	TV	DVB	2/3	27.500		English
D 12.523	H	Fixed	Smooth Radio London	radio	DVB	2/3	27.500		English
D 12.523	H	Fixed	Real Radio Wales	radio	DVB	2/3	27.500		English
D 12.523	H	Fixed	EWTN Radio Europe/UK	radio	DVB	2/3	27.500		English
D 12.523	H	Fixed	<u>Sky UK</u>	package	DVB	2/3	27.500		
			Daystar TV	TV	DVB	2/3	27.500		English
D 12.523	V	Fixed	Rocks & Co.	TV	DVB	2/3	27.500		English
D 12.523	V	Fixed	Thane Stop and Shop	TV	DVB	2/3	27.500		English
D 12.523	V	Fixed	Gems TV 2	TV	DVB	2/3	27.500		English
D 12.523	V	Fixed	Gems TV 1	TV	DVB	2/3	27.500		English
D 12.523	V	Fixed	Sunrise TV	TV	DVB	2/3	27.500		
D 12.523	V	Fixed	JML Lifestyle	TV	DVB	2/3	27.500		English
D 12.523	V	Fixed	Record Internacional Europa	TV	DVB	2/3	27.500		Portuguese
D 12.523	V	Fixed	Deya Broadcasting Network	TV	DVB	2/3	27.500		English
D 12.523	V	Fixed	CBS Reality	TV	DVB	2/3	27.500		English
D 12.523	V	Fixed	JML Home & DIY	TV	DVB	2/3	27.500		English
D 12.523	V	Fixed	JML Choice	TV	DVB	2/3	27.500		English
D 12.523	V	Fixed	TV Shop UK	TV	DVB	2/3	27.500		English
D 12.523	V	Fixed	UCB Ireland	radio	DVB	2/3	27.500		English
D 12.523	V	Fixed	Solar Radio	radio	DVB	2/3	27.500		English
D 12.523	V	Fixed	Punjabi Radio	radio	DVB	2/3	27.500		Punjabi
D 12.523	V	Fixed	Chill	radio	DVB	2/3	27.500		English
D 12.523	V	Fixed	Kismet Radio	radio	DVB	2/3	27.500		English
D 12.523	V	Fixed	Radio Khushkhabri	radio	DVB	2/3	27.500		
D 12.523	V	Fixed	Gold	radio	DVB	2/3	27.500		English
D 12.523	V	Fixed	95.8 Capital FM	radio	DVB	2/3	27.500		English
D 12.523	V	Fixed	XFM 104.9	radio	DVB	2/3	27.500		English
D 12.523	V	Fixed	Classic FM UK	radio	DVB	2/3	27.500		English
D 12.523	V	Fixed	UCB Bible	radio	DVB	2/3	27.500		English
D 12.523	V	Fixed	UCB Inspirational	radio	DVB	2/3	27.500		English
D 12.523	V	Fixed	UCB UK	radio	DVB	2/3	27.500		English
D 12.523	V	Fixed	Choice FM	radio	DVB	2/3	27.500		English
D 12.523	V	Fixed	Sukh Sagar Radio	radio	DVB	2/3	27.500		Punjabi
D 12.523	V	Fixed	Amar Radio	radio	DVB	2/3	27.500		
D 12.523	V	Fixed	Rádio Record	radio	DVB	2/3	27.500		Portuguese
D 12.523	V	Fixed	Planet Rock	radio	DVB	2/3	27.500		English
D 12.523	V	Fixed	UCB Gospel	radio	DVB	2/3	27.500		English
D 12.523	V	Fixed	<u>Sky UK</u>	package	DVB	2/3	27.500		
D 12.560	H	Fixed	Peace TV UK	TV	DVB	2/3	27.500		English
D 12.560	H	Fixed	Bluebird TV 3	TV	DVB	2/3	27.500		English
D 12.560	H	Fixed	Channel I	TV	DVB	2/3	27.500		Bengali
D 12.560	H	Fixed	Peace TV Urdu	TV	DVB	2/3	27.500		Urdu
D 12.560	H	Fixed	Channel S UK	TV	DVB	2/3	27.500		Bengali
D 12.560	H	Fixed	ATN Bangla UK	TV	DVB	2/3	27.500		Bengali

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
D 12.560	H	Fixed	Iqra TV	TV	DVB	2/3	27.500		English
D 12.560	H	Fixed	<u>Sky UK</u>	package	DVB	2/3	27.500		
D 12.560	V	Fixed	Bilberry TV	TV	DVB	2/3	27.500		English
D 12.560	V	Fixed	Fitness TV	TV	DVB	2/3	27.500		English
D 12.560	V	Fixed	JML Direct	TV	DVB	2/3	27.500		English
D 12.560	V	Fixed	Horse & Country TV	TV	DVB	2/3	27.500		English
D 12.560	V	Fixed	JML CookShop	TV	DVB	2/3	27.500		English
D 12.560	V	Fixed	JML Choice	TV	DVB	2/3	27.500		English
D 12.560	V	Fixed	Best Direct	TV	DVB	2/3	27.500		English
D 12.560	V	Fixed	CBS Action	TV	DVB	2/3	27.500		English
D 12.560	V	Fixed	Travel Channel UK	TV	DVB	2/3	Y 27.500		English
D 12.560	V	Fixed	SAB TV	TV	DVB	2/3	27.500	Videoguard	Hindi
D 12.560	V	Fixed	EuroNews	TV	DVB	2/3	27.500		English,French,German,Italian,Spanish,Portuguese,Russian,Arabic
D 12.560	V	Fixed	Rocks TV	TV	DVB	2/3	27.500		English
D 12.560	V	Fixed	Wedding TV Asia	TV	DVB	2/3	27.500		English
D 12.560	V	Fixed	VPA	TV	DVB	2/3	27.500		English
D 12.560	V	Fixed	<u>Sky UK</u>	package	DVB	2/3	27.500		
D 12.607	H	Fixed	Red Hot Amateur	TV	DVB	2/3	27.500	Videoguard	English
D 12.607	H	Fixed	Red Hot 40+	TV	DVB	2/3	27.500	Videoguard	English
D 12.607	H	Fixed	Red Hot Fetish	TV	DVB	2/3	27.500	Videoguard	English
D 12.607	H	Fixed	Xplicit XXX	TV	DVB	2/3	27.500	Videoguard	English
D 12.607	H	Fixed	Red Hot TV	TV	DVB	2/3	27.500	Videoguard	English
D 12.607	H	Fixed	Active Channel	TV	DVB	2/3	27.500		English
D 12.607	H	Fixed	Dirty Talk	TV	DVB	2/3	27.500		English
D 12.607	H	Fixed	TV X Brits	TV	DVB	2/3	27.500	Videoguard	English
D 12.607	H	Fixed	Red Hot Mums	TV	DVB	2/3	27.500	Videoguard	English
D 12.607	H	Fixed	Gay TV	TV	DVB	2/3	27.500	Videoguard	English
D 12.607	H	Fixed	Honey	TV	DVB	2/3	27.500		English
D 12.607	H	Fixed	Primetime	TV	DVB	2/3	27.500	Videoguard	English
D 12.607	H	Fixed	Viewers' Wives	TV	DVB	2/3	27.500	Videoguard	English
D 12.607	H	Fixed	TV X	TV	DVB	2/3	27.500	Videoguard	English
D 12.607	H	Fixed	TV X Amateur	TV	DVB	2/3	27.500	Videoguard	English
D 12.607	H	Fixed	<u>Sky UK</u>	package	DVB	2/3	27.500	Videoguard	
A 12.607	V	Fixed	Rush HD Europe	TV	DVB	2/3	27.500	Videoguard	English
D 12.607	V	Fixed	Zee TV UK	TV	DVB	2/3	27.500	Videoguard	Hindi
D 12.607	V	Fixed	Zing UK	TV	DVB	2/3	27.500		Hindi
D 12.607	V	Fixed	Zee Punjabi UK	TV	DVB	2/3	27.500	Videoguard	Punjabi
D 12.607	V	Fixed	Zee Café	TV	DVB	2/3	27.500	Videoguard	English
D 12.607	V	Fixed	Zee Cinema UK	TV	DVB	2/3	27.500	Videoguard	Hindi
D 12.607	V	Fixed	<u>Sky UK</u>	package	DVB	2/3	27.500	Videoguard	
D 12.643	H	Fixed	Loveworld TV	TV	DVB	2/3	27.500		English
D 12.643	H	Fixed	Luxe TV UK	TV	DVB	2/3	27.500		English
D 12.643	H	Fixed	Ramadan TV	TV	DVB	2/3	27.500		English
D 12.643	H	Fixed	Challenge Jackpot	TV	DVB	2/3	27.500		English
D 12.643	H	Fixed	Noor TV	TV	DVB	2/3	27.500		English
D 12.643	H	Fixed	Cream	TV	DVB	2/3	27.500		English
D 12.643	H	Fixed	UK Swingers	TV	DVB	2/3	27.500	Videoguard	English
D 12.643	H	Fixed	Body in Balance UK	TV	DVB	2/3	27.500		English
D 12.643	H	Fixed	Blue Tube	TV	DVB	2/3	27.500	Videoguard	English
A 12.643	H	Fixed	Luxe TV UK	TV	DVB	2/3	27.500		English,English
D 12.643	H	Fixed	HiTV UK	TV	DVB	2/3	27.500		English
D 12.643	H	Fixed	<u>Sky UK</u>	package	DVB	2/3	27.500	Videoguard	
D 12.643	V	Fixed	Comedy Central Ireland +1	TV	DVB	2/3	27.500	Videoguard	English
D 12.643	V	Fixed	The Style Network Emea	TV	DVB	2/3	27.500	Videoguard	English
D 12.643	V	Fixed	Ocean TV	TV	DVB	2/3	27.500		English
D 12.643	V	Fixed	Nick Jr Ireland	TV	DVB	2/3	27.500	Videoguard	English
D 12.643	V	Fixed	Pitch World	TV	DVB	2/3	27.500		English
D 12.643	V	Fixed	Teachers TV	TV	DVB	2/3	27.500		English
D 12.643	V	Fixed	Star News UK	TV	DVB	2/3	27.500	Videoguard	English
D 12.643	V	Fixed	Pitch TV	TV	DVB	2/3	27.500		English
D 12.643	V	Fixed	Nickelodeon Ireland	TV	DVB	2/3	Y 27.500	Videoguard	English
D 12.643	V	Fixed	Military History UK	TV	DVB	2/3	27.500	Videoguard	English
D 12.643	V	Fixed	Elite TV 965	TV	DVB	2/3	27.500		English
D 12.643	V	Fixed	<u>Sky UK</u>	package	DVB	2/3	27.500	Videoguard	
D 12.643	V	Fixed	MATV National	TV	DVB	2/3	27.500		

EUROBIRD™ 2 (25.5°EAST)

D 11.013	H	Fixed	<u>Noorsat</u>	package	DVB	3/4	27.500		
----------	---	-------	----------------	---------	-----	-----	--------	--	--

19 August 2010

Page 32 of 69

This document is provided for information purposes. No responsibility is taken for errors or omissions. Please note that most digital set top boxes (satellite receivers) are now fitted with a child protection function to prevent underage viewing of adult content. Features may vary according to manufacturer and model type but most boxes allow you to block unsuitable content. Contact your local dealer or installer to find out more.
Eutelsat S.A. - 70 rue Balard 75502 PARIS CEDEX 15 - Tel: 0153984747 - Fax: 0153983700 <http://www.eutelsat.com>

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.	
				Digital	FEC					
D 11.054	H	Fixed	Supreme Master TV	TV	DVB	3/4	27.500		English	
			Bahrain TV	TV	DVB	3/4	27.500		Arabic	
			Taha TV	TV	DVB	3/4	27.500		Arabic	
			DM TV	TV	DVB	3/4	27.500		Arabic	
			Alsumaria	TV	DVB	3/4	27.500		Arabic	
			Zweina Baladna	TV	DVB	3/4	27.500		Arabic	
			Nour TV	TV	DVB	3/4	27.500		Farsi	
			Al Eqtisadiyah Plus	TV	DVB	3/4	27.500		Arabic	
			Oscar Drama	TV	DVB	3/4	27.500		Arabic	
			BBC Persian	TV	DVB	3/4	27.500		Farsi	
			Ostool Al Horyah	TV	DVB	3/4	27.500		Arabic	
			NART TV	TV	DVB	3/4	27.500		Arabic	
			VoA TV Persian	TV	DVB	3/4	27.500		Farsi	
			Karbala Satellite Channel	TV	DVB	3/4	27.500		Arabic	
			<u>Orbit Showtime Network</u>	package	DVB	3/4	27.500	Irdeto 2/Mediaguard 2		
			Orbit News 2	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2		English
			ShowSeries	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2		English
			ShowSports 3	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2		English,Arabic
			C-SPAN Orbit	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2		English
			America Plus	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2		English
			OSN Variety	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2		English
			Music Now	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2		English
			Sky News International	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2		English
			BBC World Service English	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2		English
			Jazz	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2		
			Monawa't	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2		Arabic
			Love Songs	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2		
			Hits	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2		
			Super Gold	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2		
			BBC World Service Arabic	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2		Arabic
			Monte Carlo Doualiya	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2		Arabic
			Tarabiya't	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2		Arabic
			Country of Blues	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2		
			Khalijiya't	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2		Arabic
			Classical	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2		
			Absolute Radio	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2		English
			Lite FM	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2		
			DZBB 594 Super Radyo	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2		Tagalog
			R&B	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2		
			Pop	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2		
			Motown	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2		
			Dance	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2		
			Rock	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2		
			Radio Mosaic	interacti	DVB	3/4	27.500	Irdeto 2/Mediaguard 2		
			Orbit EPG	interacti	DVB	3/4	27.500	Irdeto 2/Mediaguard 2		
			<u>Orbit Showtime Network</u>	package	DVB	3/4	27.500	Irdeto 2/Mediaguard 2		
			ShowShasha	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2		Arabic
ShowMovies	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2		English			
E! EMEA	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2		English			
Fashion TV Europe	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2					
Disney XD Scandinavia	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2		English			
OSN Comedy	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2		English			
KidsCo	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2		English			
Playhouse Disney Scandinavia	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2		English			
JimJam Europe	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2		English,Arabic			
MnL TV	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2		Tagalog			
Cinema City	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2		English			
Super Movies	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2		English			
The MGM Channel Middle East	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2		English,Arabic			
Bloomberg TV Europe	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2		English			
ShowMovies Action	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2		English			
<u>Al Jazeera Sport</u>	package	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0					
Al Jazeera Sport Channel +8	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0		Arabic,English			
Al Jazeera Sport Channel +9	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0		Arabic,English			
Al Jazeera Sport Channel +10	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0		Arabic,English			
Al Jazeera Sport Channel +6	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0		Arabic,English			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
D 11.604	H	Fixed	Al Jazeera Sport Channel +5	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0	Arabic,English
			Al Jazeera Sport World Cup Channel	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0	Arabic,English
			Al Jazeera Sport Channel +7	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0	Arabic,English
			<u>Orbit Showtime Network</u>	package	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	
			Fox Sports Middle East	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			CNN International Europe	TV	DVB	3/4	27.500		English
			Discovery Channel Middle East & Africa	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			MTV Music	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			BBC Entertainment Europe	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			America Plus +2	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			OSN Comedy +2	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			Cartoon Network Middle East & Africa	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			Fox News Channel	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			Disney Channel Middle East	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English,Arabic
			Animal Planet Middle East	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			CNBC Europe	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			Orbit News 1	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			Boomerang Middle East & Africa	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			DZBB 594 Super Radyo	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Tagalog
			Khalijya't	radio	DVB	3/4	27.500		Arabic
			Tarabiya't	radio	DVB	3/4	27.500		Arabic
			Monawa't	radio	DVB	3/4	27.500		Arabic
			D 11.681	H	Fixed	<u>Orbit Showtime Network</u>	package	DVB	3/4
ShowSports 4	TV	DVB				3/4	27.500	Irdeto 2/Mediaguard 2	English,Arabic
GMA Life TV	TV	DVB				3/4	27.500	Irdeto 2/Mediaguard 2	Tagalog
Cinema 1	TV	DVB				3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
Cinema 2	TV	DVB				3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
Arabic Series +4	TV	DVB				3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
ShowMovies Kids	TV	DVB				3/4	27.500	Irdeto 2/Mediaguard 2	English,Arabic
Arabic Series	TV	DVB				3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
Pinoy Extreme	TV	DVB				3/4	27.500	Irdeto 2/Mediaguard 2	Tagalog
GMA Pinoy TV Europe	TV	DVB				3/4	27.500	Irdeto 2/Mediaguard 2	Tagalog
Super Movies +2	TV	DVB				3/4	27.500	Irdeto 2/Mediaguard 2	English
Al Yawm	TV	DVB				3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
Fann	TV	DVB				3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
History Orbit	TV	DVB				3/4	27.500	Irdeto 2/Mediaguard 2	English
Al Safwa	TV	DVB				3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
DWLS FM	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Tagalog			

EUROBIRD 3 (33°EAST)

D 11.472	H	Spot A	Skylogic	interacti	DVB	5/6	27.500		
D 11.513	H	Spot A	SkyDSL	interacti	DVB	3/4	30.000		
D 11.596	V	Spot B	<u>Skylogic</u>	package	DVB	5/6	27.500		
			Uni-Music	radio	DVB	5/6	27.500		Italian
			Radio di per di	radio	DVB	5/6	27.500		
			Radio GS	radio	DVB	5/6	27.500		Italian
			Radio Carrefour	radio	DVB	5/6	27.500		Italian
			Skylogic	interacti	DVB	5/6	27.500	Irdeto 2	
D 11.596	H	Spot D	Skylogic	interacti	DVB	5/6	27.500		
D 11.642	H	Spot D	<u>DigiTurk</u>	package	DVB	5/6	21.870	Cryptoworks/Irdeto 2	
			Cine 5	TV	DVB	5/6	21.870	Cryptoworks/Irdeto 2	Turkish
			Akilli TV	TV	DVB	5/6	21.870	Cryptoworks/Irdeto 2	Turkish
			TRT Arapça	TV	DVB	5/6	21.870		Arabic
			TNT Türkiye	TV	DVB	5/6	21.870	Cryptoworks/Irdeto 2	Turkish
			Kanal A	TV	DVB	5/6	21.870	Cryptoworks/Irdeto 2	Turkish
			FX Türkiye	TV	DVB	5/6	21.870	Cryptoworks/Irdeto 2	Turkish
			TRT Belgesel	TV	DVB	5/6	21.870		Turkish
			Cem TV	TV	DVB	5/6	21.870	Cryptoworks/Irdeto 2	Turkish
			D 12.522	V	Spot C	Skylogic	interacti	DVB	5/6

EUROBIRD™ 9A (9°EAST)

D 11.727	V	Europe	<u>Argiva</u>	package	DVB	3/4	27.500	Cryptoworks/Viaccess 4.0/BISS	
			Hallmark Channel Netherlands	TV	DVB	3/4	27.500	Viaccess 4.0	Dutch
			Hallmark Channel Polska	TV	DVB	3/4	27.500	Viaccess 4.0	Polish

19 August 2010

Page 34 of 69

This document is provided for information purposes. No responsibility is taken for errors or omissions. Please note that most digital set top boxes (satellite receivers) are now fitted with a child protection function to prevent underage viewing of adult content. Features may vary according to manufacturer and model type but most boxes allow you to block unsuitable content. Contact your local dealer or installer to find out more.
Eutelsat S.A. - 70 rue Balard 75502 PARIS CEDEX 15 - Tel: 0153984747 - Fax: 0153983700 <http://www.eutelsat.com>

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio	Text	Access	Lang.			
				Digital	FEC	MHz						
D 11.747	H	Europe	Universal Channel Greece	TV	DVB	3/4	27.500	Viaccess 4.0	English			
			Didar Global TV Plus	TV	DVB	3/4	27.500		Farsi			
			Disney Channel Romania & Bulgaria	TV	DVB	3/4	27.500	Cryptoworks/Viaccess 4.0	English,Ukrainian,Romanian,Bulgarian			
			ESPN America Europe	TV	DVB	3/4	27.500	BISS	English			
			ESPN Classic Europe	TV	DVB	3/4	27.500	BISS	English			
			ANN	TV	DVB	3/4	27.500		Arabic			
			Mooby Interactive TV	TV	DVB	3/4	27.500					
			<u>Skvlogic</u>	package	DVB	3/4	27.500					
			ReteSette	TV	DVB	3/4	27.500		Italian			
			RTB Virgilio	TV	DVB	3/4	27.500		Italian			
			Ros & Ros Selex	radio	DVB	3/4	27.500		Italian			
			My Best Radio	radio	DVB	3/4	27.500		Italian			
			Radio Shepherd	radio	DVB	3/4	27.500		English			
			Radio Number One	radio	DVB	3/4	27.500		Italian			
			Radio Genius	radio	DVB	3/4	27.500		Italian			
			Ros & Ros	radio	DVB	3/4	27.500		Italian			
			Rabbi Radio	radio	DVB	3/4	27.500					
D 11.766	V	Europe	<u>American Forces Network</u>	package	DVB	3/4	27.500	PowerVu				
			AFN Prime Atlantic Heidelberg	TV	DVB	3/4	27.500	PowerVu	English			
			AFN Prime Atlantic Bavaria	TV	DVB	3/4	27.500	PowerVu	English			
			AFN Sports	TV	DVB	3/4	27.500	PowerVu	English			
			AFN Prime Atlantic	TV	DVB	3/4	27.500	PowerVu	English			
			AFN Spectrum	TV	DVB	3/4	27.500	PowerVu	English			
			AFN Prime Pacific	TV	DVB	3/4	27.500	PowerVu	English			
			AFN Prime Atlantic UK	TV	DVB	3/4	27.500	PowerVu	English			
			AFN Prime Atlantic Kaiserslautern	TV	DVB	3/4	27.500	PowerVu	English			
			AFN Prime Atlantic Benelux	TV	DVB	3/4	27.500	PowerVu	English			
			AFN Prime Atlantic Eifel	TV	DVB	3/4	27.500	PowerVu	English			
			AFN Guide	TV	DVB	3/4	27.500	PowerVu	English			
			AFN Prime Atlantic Hessen	TV	DVB	3/4	27.500	PowerVu	English			
			Z-Rock	radio	DVB	3/4	27.500	PowerVu	English			
			Gravity	radio	DVB	3/4	27.500	PowerVu	English			
			NPR Worldwide AFRTS	radio	DVB	3/4	27.500	PowerVu	English			
			The Eagle Europe	radio	DVB	3/4	27.500	PowerVu	English			
			AFN Power Network Kaiserslautern	radio	DVB	3/4	27.500	PowerVu	English			
			AFN The Eagle 100.2 FM Kaiserslautern	radio	DVB	3/4	27.500	PowerVu	English			
			AFN Power Network Hessen	radio	DVB	3/4	27.500	PowerVu	English			
			AFN The Eagle Hessen	radio	DVB	3/4	27.500	PowerVu	English			
			Jack FM	radio	DVB	3/4	27.500	PowerVu	English			
			Mainstream Country	radio	DVB	3/4	27.500	PowerVu	English			
			AFN Eifel 105	radio	DVB	3/4	27.500	PowerVu	English			
			Drive FX	radio	DVB	3/4	27.500	PowerVu	English			
			AFN Power Network Eifel	radio	DVB	3/4	27.500	PowerVu	English			
			AFN Power Network Heidelberg	radio	DVB	3/4	27.500	PowerVu	English			
			AFN Power Network Europe	radio	DVB	3/4	27.500	PowerVu	English			
			AFN The Eagle Benelux	radio	DVB	3/4	27.500	PowerVu	English			
			AFN Uninterruptable Voice	radio	DVB	3/4	27.500	PowerVu	English			
			Freedom Radio	radio	DVB	3/4	27.500	PowerVu	English			
			Hot AC	radio	DVB	3/4	27.500	PowerVu	English			
			AFN The Eagle Heidelberg	radio	DVB	3/4	27.500	PowerVu	English			
			Classic Rock	radio	DVB	3/4	27.500	PowerVu	English			
			ESPN Plus	radio	DVB	3/4	27.500	PowerVu	English			
			AFN Power Network Bavaria	radio	DVB	3/4	27.500	PowerVu	English			
			AFN The Eagle Bavaria	radio	DVB	3/4	27.500	PowerVu	English			
			AFN Power Network Benelux	radio	DVB	3/4	27.500	PowerVu	English			
			Fox Sports Plus	radio	DVB	3/4	27.500	PowerVu	English			
			D 11.785	H	Europe	<u>KabelKiosk</u>	package	DVB-S2	2/3	27.500	Conax/Videoguard	
						CNBC Europe	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	English
						Channel 21 Shop	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German
MTV Deutschland	TV	DVB-S2				2/3	Y 27.500	Conax/Videoguard	German			
Nick Deutschland	TV	DVB-S2				2/3	Y 27.500	Conax/Videoguard	German			
Comedy Central Deutschland	TV	DVB-S2				2/3	Y 27.500	Conax/Videoguard	German			
Viva Deutschland	TV	DVB-S2				2/3	Y 27.500	Conax/Videoguard	German			
Sixx	TV	DVB-S2				2/3	Y 27.500	Conax/Videoguard	German			
HSE 24	TV	DVB-S2				2/3	Y 27.500	Conax/Videoguard	German			
RT English	TV	DVB-S2				2/3	27.500	Conax/Videoguard	German			
Imusic 1	TV	DVB-S2				2/3	27.500	Conax/Videoguard	German			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
D 11.804	V	Europe	CNN International Europe	TV	DVB-S2	2/3	27.500	Conax/Videoguard	English
			DMAX Deutschland	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German
			Das Vierte	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German,German
			Yavido	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German
A 11.804	V	Europe	C Music TV	TV	DVB	3/4	27.500		
			Luxe TV HD	TV	DVB	3/4	27.500		French,English,German,Italian,Russian,Spanish
D 11.804	V	Europe	Luxe TV	TV	DVB	3/4	27.500		French,English,Italian,Russian
A 11.804	V	Europe	Myzen	TV	DVB	3/4	27.500	Conax/Viaccess 2.6/Viaccess 3.0	English,French
D 11.804	V	Europe	Myzen	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0	English,French
D 11.823	H	Europe	<u>Skylogis</u>	package	DVB	3/4	27.500	Irdeto 2/Mediaguard 2/Viaccess 2.6	
			TVBS Europe	TV	DVB	3/4	27.500	Irdeto 2	Cantonese,Chinese
			TVB Lifestyle	TV	DVB	3/4	27.500	Irdeto 2	Chinese
			TVB Premium Drama	TV	DVB	3/4	27.500	Irdeto 2	Chinese
			TVBN	TV	DVB	3/4	27.500	Irdeto 2	Chinese
			TV 2000	TV	DVB	3/4	27.500	BISS	Italian
			Trace Sports	TV	DVB	3/4	27.500	Viaccess 2.6	French
			Class News	TV	DVB	3/4	27.500		Italian
			La Nuova TV	TV	DVB	3/4	27.500		Italian
			TVB Junior	TV	DVB	3/4	27.500	Irdeto 2	Chinese
			Radio CRC Targato Italia	radio	DVB	3/4	27.500		Italian
			Radio Nostalgia	radio	DVB	3/4	27.500		Italian
			Radio Studio Sette	radio	DVB	3/4	27.500		Italian
			Radio Italia Network	radio	DVB	3/4	27.500		Italian
			RTHK Radio 1	radio	DVB	3/4	27.500	Irdeto 2	
			Radio Millennium	radio	DVB	3/4	27.500		Italian
D 11.843	V	Europe	<u>Belgium Satellite Services</u>	package	DVB	3/4	27.500		
			Zee TV Russia	TV	DVB	3/4	27.500	Irdeto 2	Russian
			MMC TV	TV	DVB	3/4	27.500		Kurdish
			Roj TV	TV	DVB	3/4	27.500		Kurdish
			Al Islah TV	TV	DVB	3/4	27.500		Arabic
			Komala TV	TV	DVB	3/4	27.500		Kurdish
			Newroz TV	TV	DVB	3/4	27.500		Kurdish
			Zee Cinema UK	TV	DVB	3/4	27.500	Irdeto 2	Hindi
			Iran TV Network	TV	DVB	3/4	27.500		Farsi
			Luxe TV HD	TV	DVB	3/4	27.500		French,English,German,Italian,Russian,Spanish
			Zee TV UK	TV	DVB	3/4	27.500	Irdeto 2	Hindi
			Radio Vlaanderen	radio	DVB	3/4	27.500		Dutch
			Radio Vlaanderen Info	radio	DVB	3/4	27.500		Dutch
			Radio 74	radio	DVB	3/4	27.500		English
			Dengê Mezopotamya	radio	DVB	3/4	27.500		Kurdish
D 11.861	H	Europe	<u>KabelKiosk</u>	package	DVB-S2	2/3	27.500	Conax/Videoguard	
			RTL Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German,German
			Super RTL Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German
			Vox Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German
			N-TV	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German
			Pro Sieben Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German,German
			Sat. 1 Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German,German
			Kabel Eins Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German
			N 24	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German
			9 Live	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German
			RTL 2 Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German
A 11.881	V	Europe	<u>RRsat Global Communications Network</u>	package	DVB-S2	2/3	27.500	Conax/Viaccess 2.6/Viaccess 4.0/Videoguard	
			I-concerts	TV	DVB-S2	2/3	27.500	Viaccess 2.6	
			Penthouse HD	TV	DVB-S2	2/3	27.500	Conax/Videoguard	English
			Mezzo Live HD	TV	DVB-S2	2/3	27.500	Conax/Viaccess 2.6/Viaccess 4.0/Videoguard	
			HD 1	TV	DVB-S2	2/3	27.500		
			FTV HD +6	TV	DVB-S2	2/3	27.500	Conax/Viaccess 2.6/Videoguard	
			Bebe TV HD	TV	DVB-S2	2/3	27.500	Conax/Videoguard	English
D 11.919	V	Europe	<u>RRsat Global Communications Network</u>	package	DVB	3/4	27.500		
			Angel TV	TV	DVB	3/4	27.500		Tamil
			Rainbow	TV	DVB	3/4	27.500		Tamil
			Fox Sports Middle East	TV	DVB	3/4	27.500	Viaccess 2.6	English
			SVT World	TV	DVB	3/4	Y 27.500	Viaccess 2.6	Swedish
			The Israeli Network	TV	DVB	3/4	27.500	Viaccess 2.5/Viaccess 2.6/Viaccess 4.0	Hebrew
			Divine TV	TV	DVB	3/4	27.500		English
			NLM TV	TV	DVB	3/4	27.500		Tamil
			MTA 3 Al Arabiyah	TV	DVB	3/4	27.500		Arabic

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio	Text	Access	Lang.	
				Digital	FEC	MHz	MSy/s			
D 11.938	H	Europe	Dan Tamil Oli	TV	DVB	3/4	27.500			Tamil
			Asianet	TV	DVB	3/4	27.500	Viaccess 2.5/Viaccess 2.6/Viaccess 4.0		Malayalam
			Asianet Plus	TV	DVB	3/4	27.500	Viaccess 2.5/Viaccess 2.6/Viaccess 4.0		Malayalam
			Nepali TV	TV	DVB	3/4	27.500			
			The Karaoke Channel	TV	DVB	3/4	27.500	Irdeto 2		
			Lanka TV Neth	TV	DVB	3/4	27.500			
			Ahlulbayt TV	TV	DVB	3/4	27.500			English
			Amrita TV Middle East	TV	DVB	3/4	27.500			Malayalam
			Radio All For Peace	radio	DVB	3/4	27.500	BISS		
			Radio Sweden	radio	DVB	3/4	27.500			
			Radio Eden	radio	DVB	3/4	27.500			English
			SR P4	radio	DVB	3/4	27.500			Swedish
			<u>GlobeCast</u>	package	DVB	3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 4.0/BISS		
			Fantasy	TV	DVB	3/4	27.500	BISS		
			Walf TV	TV	DVB	3/4	27.500	Viaccess 2.5/Viaccess 4.0		French
			PTV Global UK & Europe	TV	DVB	3/4	27.500			Urdu
			Disney Channel Middle East	TV	DVB	3/4	27.500	Irdeto 2		Arabic,Greek,English,Turkish
			Rai Italia 3 Africa	TV	DVB	3/4	27.500	Viaccess 2.5		Italian
			Radio Walf 2	radio	DVB	3/4	27.500	Viaccess 2.5/Viaccess 4.0		French
			Radio Walf 1	radio	DVB	3/4	27.500	Viaccess 2.5/Viaccess 4.0		French
D 11.958	V	Europe	<u>M2</u>	package	DVB	3/4	27.500			
			M2	TV	DVB	3/4	Y 27.500		Hungarian,Hungarian	
			M2	TV	DVB	3/4	Y 27.500		Hungarian	
			MR 3 Bartók	radio	DVB	3/4	27.500		Hungarian	
D 11.977	H	Europe	<u>Media Broadcast</u>	package	DVB	3/4	27.500	PowerVu		
			Akubis Classic	TV	DVB	3/4	27.500	Conax		German
			Akubis Direct	TV	DVB	3/4	27.500	Conax		German
			Akubis Special	TV	DVB	3/4	27.500	Conax		German
D 11.996	V	Europe	<u>GlobeCast</u>	package	DVB	3/4	27.500	Cryptoworks/Irdeto 2/Viaccess 3.0		
			Sun TV	TV	DVB	3/4	27.500		Tamil	
			Sun Music	TV	DVB	3/4	27.500	Irdeto 2		Tamil
			MTV Portugal	TV	DVB	3/4	27.500	Cryptoworks		Portuguese
			KTV	TV	DVB	3/4	27.500	Irdeto 2		Tamil
			B4U Movies UAE	TV	DVB	3/4	27.500		Hindi	
			Surya TV	TV	DVB	3/4	27.500	Irdeto 2		Malayalam
			CCTV 4 Europe	TV	DVB	3/4	27.500		Chinese	
			CCTV E	TV	DVB	3/4	27.500		Spanish	
			CCTV Russkij	TV	DVB	3/4	27.500		Russian	
			CCTV Arabic	TV	DVB	3/4	27.500		Arabic	
			Sun TV	TV	DVB	3/4	27.500	Irdeto 2		Tamil
			BBC Entertainment Europe	TV	DVB	3/4	27.500	Viaccess 3.0		English
			Adithya TV	TV	DVB	3/4	27.500	Irdeto 2		Tamil
D 12.015	H	Europe	<u>KabelKiosk</u>	package	DVB-S2	2/3	27.500	Conax/Videoguard		
			Volksmusik TV	TV	DVB-S2	2/3	27.500	Conax/Videoguard		German
			BBC World News	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard		English
			Bloomberg TV Europe	TV	DVB-S2	2/3	27.500	Conax/Videoguard		English
			TV 5 Monde Europe	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard		French
			Tele 5	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard		German
			QVC Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard		German
			TVE Internacional Europe	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard		Spanish
			Deutsches Anleger Fernsehen	TV	DVB-S2	2/3	27.500	Conax/Videoguard		German
			Luxe TV	TV	DVB-S2	2/3	27.500	Conax/Videoguard		German
			Deluxe Music	TV	DVB-S2	2/3	27.500	Conax/Videoguard		German,German
			Sport 1	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard		German
			The Poker Channel	TV	DVB-S2	2/3	27.500	Conax/Videoguard		English
			Bibel TV	TV	DVB-S2	2/3	27.500	Conax/Videoguard		German
UProm TV	TV	DVB-S2	2/3	27.500	Conax/Videoguard		German			
D 12.034	V	Europe	<u>Hello HD</u>	package	DVB-S2	3/4	27.500	Conax		
			Duna I	TV	DVB-S2	3/4	27.500		Hungarian	
			HBO 2 Central Europe	TV	DVB-S2	3/4	27.500	Conax		Hungarian
			HBO Comedy Central Europe	TV	DVB-S2	3/4	27.500	Conax		Hungarian
			Minimax Hungary	TV	DVB-S2	3/4	27.500	Conax		Hungarian
			Animax Hungary	TV	DVB-S2	3/4	27.500	Conax		Hungarian
			Viasat 3	TV	DVB-S2	3/4	27.500	Conax		Hungarian
			Discovery HD Showcase	TV	DVB-S2	3/4	27.500	Conax		English
			Hir TV	TV	DVB-S2	3/4	Y 27.500	Conax		Hungarian
			FilmBox Extra Hungary	TV	DVB-S2	3/4	27.500	Conax		Hungarian
			Discovery Channel Hungary	TV	DVB-S2	3/4	27.500	Conax		Hungarian
Private Spice	TV	DVB-S2	3/4	27.500	Conax		English			
MTV Hungary	TV	DVB-S2	3/4	27.500	Conax		Hungarian			

Freq (GHz)	Pol	Beam	Channel	Analogue Audio MHz		Text MSy/s	Access	Lang.			
				Digital	FEC						
A 12.054	H	Europe	Animal Planet Europe	TV	DVB-S2	3/4	27.500 Conax	Hungarian			
			Viva TV	TV	DVB-S2	3/4	27.500 Conax	Hungarian			
			Comedy Central Hungary	TV	DVB-S2	3/4	27.500 Conax	Hungarian			
			National Geographic Channel Hungary & Czechia	TV	DVB-S2	3/4	27.500 Conax	Hungarian			
			Nat Geo Wild Hungary	TV	DVB-S2	3/4	27.500 Conax	Hungarian			
			Spektrum TV	TV	DVB-S2	3/4	27.500 Conax	Hungarian			
			M1	TV	DVB-S2	3/4	27.500 Conax	Hungarian			
			Eurosport 2 FA Premier League	TV	DVB-S2	3/4	27.500 Conax	Hungarian			
			HBO Hungary	TV	DVB-S2	3/4	27.500 Conax	Hungarian			
			Jazzradio	radio	DVB-S2	3/4	27.500	Hungarian			
			MR 1 Kossuth	radio	DVB-S2	3/4	27.500	Hungarian			
			<u>Penthouse HD</u>	package	DVB-S2	2/3	27.500 DRE-Crypt				
			Penthouse HD 2	TV	DVB-S2	2/3	27.500 DRE-Crypt	English			
			Penthouse HD 1	TV	DVB-S2	2/3	27.500 DRE-Crypt	English			
			3DV promo	TV	DVB-S2	2/3	27.500	English			
			Penthouse HD	TV	DVB-S2	2/3	27.500 DRE-Crypt	English			
			D 12.074	V	Europe	<u>Hello HD</u>	package	DVB-S2	3/4	27.500 Conax/Cryptoworks/Irdeto 2	
						Cool TV	TV	DVB-S2	3/4	27.500 Conax	Hungarian
						Cinemax Central Europe	TV	DVB-S2	3/4	27.500 Conax	Hungarian
						RTL Klub	TV	DVB-S2	3/4	Y 27.500 Conax	Hungarian
TV 2	TV	DVB-S2				3/4	Y 27.500 Conax	Hungarian			
ATV	TV	DVB-S2				3/4	Y 27.500 Conax	Hungarian			
History HD Europe	TV	DVB-S2				3/4	27.500 Conax	Hungarian			
National Geographic Channel HD UK	TV	DVB-S2				3/4	27.500 Conax	English			
FilmBox HD Hungary	TV	DVB-S2				3/4	27.500 Conax	English,Hungarian			
Story TV 4	TV	DVB-S2				3/4	27.500 Conax	Hungarian			
Hallmark Channel Hungary	TV	DVB-S2				3/4	27.500 Conax				
AXN Central Europe	TV	DVB-S2				3/4	27.500 Conax	Hungarian			
Sport 2 Hungary	TV	DVB-S2				3/4	27.500 Conax	Hungarian			
Sport 1 Hungary	TV	DVB-S2				3/4	27.500 Conax	Hungarian			
Sport Klub Hungary	TV	DVB-S2				3/4	27.500 Conax	Hungarian			
Film + Hungary	TV	DVB-S2				3/4	27.500 Conax	Hungarian			
Travel Channel	TV	DVB-S2				3/4	27.500 Conax				
Digi Sport Hungary	TV	DVB-S2				3/4	27.500 Conax	Hungarian			
MR 2 Petöfi	radio	DVB-S2				3/4	27.500	Hungarian			
D 12.092	H	Europe				<u>TSA</u>	package	DVB	3/4	27.500 KeyFly/Viaccess 2.3/Viaccess 2.5/Viaccess 2.6/Viaccess 4.0	
			Disney Cinemagic España	TV	DVB	3/4	27.500 Viaccess 2.6	Spanish			
			Disney Cinemagic España +1	TV	DVB	3/4	27.500 Viaccess 2.6	Spanish			
			Canal Parlamento	TV	DVB	3/4	27.500	Spanish			
			Iberialia TV	TV	DVB	3/4	27.500 KeyFly	Spanish			
			Sundance Channel Europe	TV	DVB	3/4	27.500 Viaccess 4.0	English,English			
			Real Madrid TV English	TV	DVB	3/4	27.500	English			
			Música ambiental	radio	DVB	3/4	27.500				
			Música joven	radio	DVB	3/4	27.500				
			Música romantica	radio	DVB	3/4	27.500				
			Música clásica	radio	DVB	3/4	27.500				
			Grandes éxitos	radio	DVB	3/4	27.500				
			Canal latino	radio	DVB	3/4	27.500				
			<u>KabelKiosk</u>	package	DVB	3/4	27.500 Conax/Videoguard				
			Animax Deutschland	TV	DVB	3/4	27.500 Conax/Videoguard	German			
			France 24 English	TV	DVB	3/4	27.500	English			
			Kinowelt TV	TV	DVB	3/4	27.500 Conax/Videoguard	German			
			Lig TV	TV	DVB	3/4	27.500 Conax/Videoguard	Turkish			
			Perviy kanal Europa	TV	DVB	3/4	27.500 Conax/Videoguard	Russian			
			Body in Balance Germany	TV	DVB	3/4	27.500 Conax/Videoguard	German			
RTR Planeta	TV	DVB	3/4	27.500 Conax/Videoguard	Russian						
EuroStar	TV	DVB	3/4	27.500 Conax/Videoguard	Turkish						
EuroNews	TV	DVB	3/4	27.500 Conax/Videoguard	English,French,Portuguese,Russian,Spanish,Italian						
D 12.207	H	Europe	Pink Plus	TV	DVB	3/4	27.500 Conax/Videoguard	Serbian			
			<u>Platforma DV</u>	package	DVB-S2	2/3	27.500 DRE-Crypt				
			STS	TV	DVB-S2	2/3	27.500 DRE-Crypt	Russian			
			Perviy kanal	TV	DVB-S2	2/3	27.500 DRE-Crypt	Russian			
			Rossiya 1	TV	DVB-S2	2/3	27.500 DRE-Crypt	Russian			
			Ohota i Rybalka Stream	TV	DVB-S2	2/3	27.500 DRE-Crypt	Russian			
			Zoo TV	TV	DVB-S2	2/3	27.500 DRE-Crypt	Russian			
			Tonus TV	TV	DVB-S2	2/3	27.500 DRE-Crypt	Russian			
			24 Techno	TV	DVB-S2	2/3	27.500 DRE-Crypt	Russian			

Freq (GHz)	Pol	Beam	Channel	Analogue Audio MHz		Text MSy/s	Access	Lang.				
				Digital	FEC							
A 12.284	H	Europe	RBK TV	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian			
			NTV	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian			
			Rossiya 2	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian			
			Bibigon	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian			
			Kanal Teleputeshestviya	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian			
			5 Kanal	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian			
			TNT	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian			
			Rossiya 24	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian			
			Kinopokaz	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian			
			Auto Plus	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian			
			Kuhnya TV	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian			
			Komedia TV	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian			
			365 dnei TV	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian			
			Muz TV	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian			
			REN TV	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian			
			Rossiya K	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian			
			<u>KabelKiosk</u>	package	DVB-S2	2/3	27.500	Conax/Videoguard				
			Kabel Eins Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German			
			Vox Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German			
			Sat. 1 Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German			
			RTL Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German			
			Pro Sieben Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German			
			A 12.303	V	Europe	<u>Platforma HD</u>	package	DVB-S2	2/3	26.400	DRE-Crypt	
						Kinopokaz HD 2	TV	DVB-S2	2/3	26.400	DRE-Crypt	Russian,Russian
						Kanal Teleputeshestviya HD	TV	DVB-S2	2/3	26.400	DRE-Crypt	Russian
High Life	TV	DVB-S2				2/3	26.400	DRE-Crypt	Russian			
Zhenskiy Mir	TV	DVB-S2				2/3	26.400	DRE-Crypt	Russian			
Kinopokaz HD 1	TV	DVB-S2				2/3	26.400	DRE-Crypt	Russian,Russian			
HD Life	TV	DVB-S2				2/3	26.400	DRE-Crypt	Russian			
D 12.322	H	Europe	<u>KabelKiosk</u>	package	DVB	3/4	27.500	Conax/Videoguard				
			Rai 3	TV	DVB	3/4	27.500	Conax/Videoguard	Italian			
			TürkMax	TV	DVB	3/4	27.500	Conax/Videoguard	Turkish			
			TVP Polonia	TV	DVB	3/4	27.500	Conax/Videoguard	Polish			
			Rai 2	TV	DVB	3/4	27.500	Conax/Videoguard	Italian			
			ATV Avrupa	TV	DVB	3/4	27.500	Conax/Videoguard	Turkish			
			Euro D	TV	DVB	3/4	27.500	Conax/Videoguard	Turkish			
			Kanal 7 Avrupa	TV	DVB	3/4	27.500	Conax/Videoguard	Turkish			
			NTV Avrupa	TV	DVB	3/4	27.500	Conax/Videoguard	Turkish			
			Show Turk	TV	DVB	3/4	27.500	Conax/Videoguard	Turkish			
			Rai 1	TV	DVB	3/4	27.500	Conax/Videoguard	Italian			
			TRT Türk	TV	DVB	3/4	27.500	Conax/Videoguard	Turkish			
			D 12.360	H	Europe	<u>KabelKiosk</u>	package	DVB	3/4	27.500	Conax/Videoguard	
						Animal Planet Deutschland	TV	DVB	3/4	27.500	Conax/Videoguard	German
						KabelKiosk infokanal	TV	DVB	3/4	27.500		German
C Music TV	TV	DVB				3/4	27.500	Conax/Videoguard				
Lust Pur	TV	DVB				3/4	27.500	Conax/Videoguard	German			
Hustler TV Deutschland	TV	DVB				3/4	27.500	Conax/Videoguard	German			
Yacht & Sail International	TV	DVB				3/4	27.500	Conax/Videoguard	German,English			
Focus Gesundheit	TV	DVB				3/4	27.500	Conax/Videoguard	German			
Rush HD Europe	TV	DVB				3/4	27.500	Conax/Videoguard	English			
Travel Channel Deutschland	TV	DVB				3/4	27.500	Conax/Videoguard	German,English			
Trace Tropical	TV	DVB				3/4	27.500	Conax/Videoguard	French			
Auto Motor und Sport	TV	DVB				3/4	27.500	Conax/Videoguard	German			
ITVN Europe	TV	DVB				3/4	27.500	Conax/Videoguard	Polish			
A 12.380	V	Europe				<u>Platforma HD</u>	package	DVB-S2	2/3	26.400	DRE-Crypt	
			Eurosport	TV	DVB-S2	2/3	26.400	DRE-Crypt	Russian			
			National Geographic Channel HD	TV	DVB-S2	2/3	26.400	DRE-Crypt	Russian,Russian			
			Russia & Turkey									
			Nat Geo Wild HD	TV	DVB-S2	2/3	26.400	DRE-Crypt	Russian			
			MTVN HD	TV	DVB-S2	2/3	26.400	DRE-Crypt	English,English			
			HD Sport	TV	DVB-S2	2/3	26.400	DRE-Crypt	Russian			
			Platforma HD promo	TV	DVB-S2	2/3	26.400		Russian			
			D 12.399	H	Europe	<u>KabelKiosk</u>	package	DVB	3/4	27.500	Conax/Videoguard	
						Fuel TV	TV	DVB	3/4	27.500	Conax/Videoguard	English
Boomerang Deutschland	TV	DVB				3/4	27.500	Conax/Videoguard	German,English			
The Biography Channel Deutschland	TV	DVB				3/4	27.500	Conax/Videoguard	German			
Cartoon Network Deutschland	TV	DVB				3/4	27.500	Conax/Videoguard	German,English			
History Deutschland	TV	DVB				3/4	27.500	Conax/Videoguard	German			
Motors TV	TV	DVB				3/4	27.500	Conax/Videoguard	German,English			
Silverline Movie Channel	TV	DVB				3/4	27.500	Conax/Videoguard	German			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC	MSy/s			
D 12.437	H	Europe	AXN Deutschland	TV	DVB	3/4	27.500	Conax/Videoguard	German,English
			National Geographic Channel Deutschland	TV	DVB	3/4	27.500	Conax/Videoguard	German,English
			Sci Fi Deutschland	TV	DVB	3/4	27.500	Conax/Videoguard	German
			13th Street Deutschland	TV	DVB	3/4	27.500	Conax/Videoguard	German
			TNT Film	TV	DVB	3/4	27.500	Conax/Videoguard	German,English
			KabelKiosk	package	DVB	3/4	27.500	Conax/Videoguard	
			Sportdigital TV	TV	DVB	3/4	27.500	Conax/Videoguard	German
			Volksmusik TV	TV	DVB	3/4	27.500	Conax/Videoguard	German
			VH1 Classic Europe	TV	DVB	3/4	27.500	Conax/Videoguard	English
			Nick Jr Deutschland	TV	DVB	3/4	27.500	Conax/Videoguard	German,English,French,Spanish
			Discovery Channel Deutschland	TV	DVB	3/4	27.500	Conax/Videoguard	German
			E! Deutschland	TV	DVB	3/4	27.500	Conax/Videoguard	German,German,Polish,Turkish
			BBC Entertainment Europe	TV	DVB	3/4	27.500	Conax/Videoguard	English
			Romance TV	TV	DVB	3/4	27.500	Conax/Videoguard	German
			Your Family Entertainment	TV	DVB	3/4	27.500	Conax/Videoguard	German
			MTV Entertainment	TV	DVB	3/4	27.500	Conax/Videoguard	German
			Gute Laune TV	TV	DVB	3/4	27.500	Conax/Videoguard	German

EUROBIRD™ 16 (16°EAST)

D 10.719	V	Wide	<u>DigitAlb</u>	package	DVB	3/4	27.500	Conax				
			X3	TV	DVB	3/4	27.500	Conax	Albanian			
			SuperSport HD 2	TV	DVB	3/4	27.500	Conax	Albanian			
			National Geographic Channel România	TV	DVB	3/4	27.500	Conax	English			
			Nat Geo Wild Romania	TV	DVB	3/4	27.500	Conax	English			
			Travel Channel	TV	DVB	3/4	27.500	Conax	English			
			The MGM Channel East Europe	TV	DVB	3/4	27.500	Conax	English			
			Fox Life Regional	TV	DVB	3/4	27.500	Conax	English			
			Fox Crime Regional	TV	DVB	3/4	27.500	Conax	English			
			Cartoon Network Central & Eastern Europe	TV	DVB	3/4	27.500	Conax	English			
			A1	TV	DVB	3/4	27.500	Conax	Albanian			
			X4	TV	DVB	3/4	27.500	Conax	Albanian			
			SuperSport HD 1	TV	DVB	3/4	27.500	Conax	Albanian			
			BBF	TV	DVB	3/4	27.500	Conax	Albanian			
			Supersonic TV	TV	DVB	3/4	27.500	Conax	Albanian			
			Tirana TV	TV	DVB	3/4	27.500	Conax	Albanian			
			TCM Central & Eastern Europe	TV	DVB	3/4	27.500	Conax	English			
			Telenorba Shqiptare	TV	DVB	3/4	27.500	Conax	Albanian			
			D 10.727	H	Madagascar	<u>CanalSat Réunion</u>	package	DVB	3/4	30.000	Mediaguard 2	
						Canal + Family	TV	DVB	3/4	30.000	Mediaguard 2	French
Disney XD France	TV	DVB				3/4	30.000	Mediaguard 2	French			
Cinecinema Premier	TV	DVB				3/4	30.000	Mediaguard 2	French			
Cinecinema Émotion	TV	DVB				3/4	30.000	Mediaguard 2	French			
Zing UK	TV	DVB				3/4	30.000	Mediaguard 2	Hindi			
Cinecinema Famiz	TV	DVB				3/4	30.000	Mediaguard 2	French			
Cartoon Network France	TV	DVB				3/4	30.000	Mediaguard 2	French			
Canal + Réunion	TV	DVB				3/4	30.000	Mediaguard 2	French			
Canal + Sport Réunion	TV	DVB				3/4	30.000	Mediaguard 2	French			
Equidia	TV	DVB				3/4	30.000	Mediaguard 2	French			
TF 1	TV	DVB				3/4	30.000	Mediaguard 2	French			
TF 6	TV	DVB				3/4	30.000	Mediaguard 2	French			
Télé Réunion	TV	DVB				3/4	30.000	Mediaguard 2	French			
M6	TV	DVB				3/4	30.000	Mediaguard 2	French			
Cinecinema Frisson	TV	DVB				3/4	30.000	Mediaguard 2	French			
Canal + Cinéma Réunion	TV	DVB				3/4	30.000	Mediaguard 2	French			
Le Mouv'	radio	DVB				3/4	30.000	Mediaguard 2	French			
Radio Réunion	radio	DVB				3/4	30.000	Mediaguard 2	French			
Radio France Internationale	radio	DVB				3/4	30.000	Mediaguard 2	French			
Frequence Jazz	radio	DVB	3/4	30.000	Mediaguard 2	French						
RFM	radio	DVB	3/4	30.000	Mediaguard 2	French						
France Info	radio	DVB	3/4	30.000	Mediaguard 2	French						
France Vivace	radio	DVB	3/4	30.000	Mediaguard 2	French						
D 10.758	V	Wide	<u>DigitAlb</u>	package	DVB	7/8	27.500	Conax				
			MusicAl	TV	DVB	7/8	27.500	Conax	Albanian			
			SuperSport 5	TV	DVB	7/8	27.500	Conax	Albanian			
			RTV 21 Sat	TV	DVB	7/8	27.500	Conax	Albanian			
			SuperSport 1	TV	DVB	7/8	27.500	Conax	Albanian			
			SuperSport 2	TV	DVB	7/8	27.500	Conax	Albanian			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio	Text	Access	Lang.			
				Digital	FEC	MHz						
D 10.796	V	Wide	SuperSport 4	TV	DVB	7/8	27.500	Conax	Albanian			
			TV Klan	TV	DVB	7/8	27.500	Conax	Albanian			
			News 24	TV	DVB	7/8	Y 27.500	Conax	Albanian			
			Digi Gold	TV	DVB	7/8	27.500	Conax	Albanian			
			TVSH	TV	DVB	7/8	27.500	Conax	Albanian			
			Ora News	TV	DVB	7/8	27.500	Conax	Albanian			
			Kohavision	TV	DVB	7/8	27.500	Conax	Albanian			
			Klan Kosova	TV	DVB	7/8	27.500	Conax	Albanian			
			SuperSport 3	TV	DVB	7/8	27.500	Conax	Albanian			
			Koha TV	TV	DVB	7/8	27.500	Conax	Albanian			
			Radio Klan	radio	DVB	7/8	27.500					
			<u>Total TV</u>	package	DVB	3/4	30.000	Cryptoworks/Videoguard				
			Motors TV	TV	DVB	3/4	30.000	Videoguard	English,Serbian			
			Nova Sport	TV	DVB	3/4	30.000	Cryptoworks/Videoguard	Bulgarian			
			Hallmark Channel Bulgaria	TV	DVB	3/4	30.000	Cryptoworks/Videoguard	Bulgarian			
			Planeta TV	TV	DVB	3/4	30.000	Cryptoworks/Videoguard	Bulgarian			
			PV TV	TV	DVB	3/4	30.000	Cryptoworks/Videoguard	Bulgarian			
			DSTV	TV	DVB	3/4	30.000		Bulgarian			
			OBN	TV	DVB	3/4	Y 30.000	Videoguard	Bosnian			
			BTV Comedy	TV	DVB	3/4	30.000	Cryptoworks/Videoguard	Bulgarian			
MTV Adria	TV	DVB	3/4	Y 30.000	Videoguard	English						
Zone Reality Europe	TV	DVB	3/4	30.000	Videoguard	English						
AXN Bulgaria	TV	DVB	3/4	30.000	Cryptoworks/Videoguard	Bulgarian						
D 10.813	H	Madagascar	<u>CanalSat Réunion</u>	package	DVB	5/6	27.500	Mediaguard 2				
			National Geographic Channel France	TV	DVB	5/6	27.500	Mediaguard 2	French			
			Private Spice	TV	DVB	5/6	27.500	Mediaguard 2	English			
			Extreme Sports Channel	TV	DVB	5/6	27.500	Mediaguard 2				
			Ushuaïa TV	TV	DVB	5/6	27.500	Mediaguard 2	French			
			Zee TV UK	TV	DVB	5/6	27.500	Mediaguard 2	Hindi			
			TF 1	TV	DVB	5/6	27.500	Mediaguard 2	French			
			Zee Cinema UK	TV	DVB	5/6	27.500	Mediaguard 2	Hindi			
			Canal + France	TV	DVB	5/6	27.500	Mediaguard 2	French			
			Seasons	TV	DVB	5/6	27.500	Mediaguard 2	French			
			Planète No Limit	TV	DVB	5/6	27.500	Mediaguard 2	French			
			Action	TV	DVB	5/6	27.500	Mediaguard 2	French			
			D 10.834	V	Wide	<u>Total TV</u>	package	DVB	5/6	27.500	Cryptoworks/Videoguard	
						Cinemax 2 Central Europe	TV	DVB	5/6	27.500	Videoguard	Serbian,Slovenian,Croatian,Bulgarian
						RTRS TV	TV	DVB	5/6	Y 27.500	Videoguard	Serbian
TV Avala	TV	DVB				5/6	Y 27.500	Videoguard	Serbian			
Federalna TV	TV	DVB				5/6	Y 27.500	Videoguard	Bosnian			
Hallmark Channel Central Europe	TV	DVB				5/6	27.500	Cryptoworks/Videoguard	English			
HBO Adria	TV	DVB				5/6	Y 27.500	Videoguard	Serbian,Croatian,Slovenian,Bulgarian			
Golf Klub	TV	DVB				5/6	27.500	Videoguard	Serbian,Croatian,Slovenian			
Sport Klub + South East Europe	TV	DVB				5/6	27.500	Videoguard	Serbian,Slovenian,Croatian			
Top Shop TV Serbia	TV	DVB				5/6	27.500	Videoguard	Serbian			
HBO Comedy Adria	TV	DVB				5/6	Y 27.500	Videoguard	Serbian,Slovenian,Croatian,Bulgarian			
Fox TV Srbija	TV	DVB				5/6	Y 27.500	Videoguard	Serbian			
TV Kopernikus	TV	DVB				5/6	27.500		Serbian			
OBN	TV	DVB				5/6	Y 27.500	Videoguard	Bosnian			
History Europe	TV	DVB				5/6	27.500	Videoguard	English			
Alternativna TV	TV	DVB	5/6	Y 27.500	Videoguard	Serbian						
D 10.853	H	Madagascar	<u>CanalSat Réunion</u>	package	DVB	3/4	30.000	Mediaguard 2				
			XXL	TV	DVB	3/4	30.000	Mediaguard 2	French			
			Télé Maison	TV	DVB	3/4	30.000	Mediaguard 2	French			
			Motors TV	TV	DVB	3/4	30.000	Mediaguard 2	French,English			
			Game One	TV	DVB	3/4	30.000	Mediaguard 2	French			
			Cuisine TV	TV	DVB	3/4	30.000	Mediaguard 2	French			
			Antenne Réunion	TV	DVB	3/4	30.000	Mediaguard 2	French			
			LCP	TV	DVB	3/4	30.000	Mediaguard 2	French			
			MCM Pop	TV	DVB	3/4	30.000	Mediaguard 2	French			
			Téva	TV	DVB	3/4	30.000	Mediaguard 2	French			
			Kanal Austral	TV	DVB	3/4	30.000	Mediaguard 2	French			
			+ de Sport	TV	DVB	3/4	30.000	Mediaguard 2	French			
			Sport +	TV	DVB	3/4	30.000	Mediaguard 2	French			
			EuroNews	TV	DVB	3/4	30.000	Mediaguard 2	French,German,Spanish,English,Italian,Russian			
			MTV France	TV	DVB	3/4	30.000	Mediaguard 2	French			
Disney Cinemagic France	TV	DVB	3/4	30.000	Mediaguard 2	French						
Playhouse Disney France	TV	DVB	3/4	30.000	Mediaguard 2	French						
BBC World News	TV	DVB	3/4	30.000	Mediaguard 2	English						

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
D 10.873	V	Wide	Total TV	package	DVB	5/6	27.500	Irdeto 2/Videoguard	
			Film + Serbia	TV	DVB	5/6	27.500	Videoguard	Serbian
			RTS 2	TV	DVB	5/6	Y 27.500	Videoguard	Serbian
			RTS 1	TV	DVB	5/6	Y 27.500	Videoguard	Serbian
			Kosava	TV	DVB	5/6	Y 27.500	Irdeto 2/Videoguard	Serbian
			Studio B	TV	DVB	5/6	27.500	Videoguard	Serbian
			Happy TV	TV	DVB	5/6	Y 27.500	Irdeto 2/Videoguard	Serbian
			Disney XD Middle East	TV	DVB	5/6	27.500	Videoguard	English
			Sport Klub Serbia	TV	DVB	5/6	Y 27.500	Videoguard	Serbian
			Enter TV	TV	DVB	5/6	Y 27.500	Videoguard	Serbian
			Cinemanija	TV	DVB	5/6	27.500	Videoguard	Serbian
			TV B92	TV	DVB	5/6	Y 27.500	Videoguard	Serbian
			Ultra TV	TV	DVB	5/6	27.500	Videoguard	Serbian
			B92 Info kanal	TV	DVB	5/6	27.500	Videoguard	Serbian
			DoQ South East Europe	TV	DVB	5/6	27.500	Videoguard	English
			Radio Studio B	radio	DVB	5/6	27.500		Serbian
			B92 FM	radio	DVB	5/6	27.500	Videoguard	Serbian
			D 10.892	H	Wide	Total TV	package	DVB	3/4
TV Slovenija 2	TV	DVB				3/4	27.500	Videoguard	Slovenian
Kanal A	TV	DVB				3/4	Y 27.500	Videoguard	Slovenian
TV Pika	TV	DVB				3/4	Y 27.500	Videoguard	Slovenian
TV 3 Slovenija	TV	DVB				3/4	Y 27.500	Videoguard	Slovenian
Info TV	TV	DVB				3/4	27.500		Slovenian
Carli TV	TV	DVB				3/4	27.500		Slovenian
Golica TV	TV	DVB				3/4	27.500		Slovenian
Sport Klub Slovenija	TV	DVB				3/4	27.500	Videoguard	Slovenian
BHT 1	TV	DVB				3/4	27.500	Videoguard	Bosnian
Pop TV	TV	DVB				3/4	Y 27.500	Videoguard	Slovenian
TV Slovenija 1	TV	DVB				3/4	27.500	Videoguard	Slovenian
Radio 1	radio	DVB				3/4	27.500		Slovenian
D 10.911	V	Wide				Sony Pictures TV International	package	DVB	5/6
			AXN Romania	TV	DVB	5/6	Y 27.500	PowerVu	Romanian,Hungarian,Czech,English
			Animax South Africa	TV	DVB	5/6	27.500	PowerVu	English
			AXN Adria	TV	DVB	5/6	27.500	Viaccess 3.0/Videoguard	English
			Animax Deutschland	TV	DVB	5/6	27.500	PowerVu	German,English
			AXN Czech Republic	TV	DVB	5/6	27.500	PowerVu	Czech,English
			AXN Deutschland	TV	DVB	5/6	27.500	Viaccess 2.6	English,German
			SET Africa	TV	DVB	5/6	27.500	Viaccess 2.6	English
			AXN Sci-Fi Polska	TV	DVB	5/6	27.500	PowerVu	Polish,English
			AXN Bulgaria	TV	DVB	5/6	27.500	PowerVu	Bulgarian,English
			AXN Central Europe	TV	DVB	5/6	Y 27.500	PowerVu	Hungarian,Czech,Bulgarian,Polish
			AXN Polska	TV	DVB	5/6	Y 27.500	PowerVu	Polish,English
			AXN Crime Polska	TV	DVB	5/6	27.500	PowerVu	Polish,English
			AXN Crime	TV	DVB	5/6	27.500	PowerVu	Hungarian,Bulgarian,Polish,Romanian,Czech
AXN Sci-Fi	TV	DVB	5/6	27.500	PowerVu	Hungarian,Bulgarian,Polish,Romanian,Czech			
D 10.930	H	Wide	Total TV	package	DVB	3/4	27.500	Videoguard	
			Arena Sport 1	TV	DVB	3/4	27.500	Videoguard	Serbian
			TV Palma Plus	TV	DVB	3/4	27.500	Videoguard	Serbian
			ESPN America Europe	TV	DVB	3/4	27.500	Videoguard	English
			Disney Channel Polska	TV	DVB	3/4	27.500	Videoguard	English
			Eurosport 2 North-East	TV	DVB	3/4	27.500	Videoguard	Serbian,English
			Arena Sport 4	TV	DVB	3/4	27.500	Videoguard	Serbian
			Investigation Discovery Europe	TV	DVB	3/4	27.500	Videoguard	English
			Sport Klub Croatia	TV	DVB	3/4	27.500	Videoguard	Croatian
			TV Alfa	TV	DVB	3/4	27.500	Videoguard	Bosnian
			TV Metropolis	TV	DVB	3/4	27.500	Videoguard	Serbian
			Arena Sport 2	TV	DVB	3/4	27.500	Videoguard	Serbian
			SOS Kanal	TV	DVB	3/4	27.500	Videoguard	Serbian

W2A (10°EAST)

D 11.305	V	Europe	NBA TV	package	DVB-S2	5/6	30.000		
			NBA TV	TV	DVB-S2	5/6	30.000		English
D 11.638	H	Africa	France TV	package	DVB-S2	?	27.500		
			ARTE Français	TV	DVB-S2	?	27.500		French
			Télé Mayotte	TV	DVB-S2	?	27.500		French
			France 24 Français	TV	DVB-S2	?	Y 27.500		French
			Antenne Réunion	TV	DVB-S2	?	27.500		French

19 August 2010

Page 42 of 69

This document is provided for information purposes. No responsibility is taken for errors or omissions. Please note that most digital set top boxes (satellite receivers) are now fitted with a child protection function to prevent underage viewing of adult content. Features may vary according to manufacturer and model type but most boxes allow you to block unsuitable content. Contact your local dealer or installer to find out more.
Eutelsat S.A. - 70 rue Balard 75502 PARIS CEDEX 15 - Tel: 0153984747 - Fax: 0153983700 <http://www.eutelsat.com>

Freq (GHz)	Pol	Beam	Channel	Analogue Audio MHz		Text MSy/s	Access	Lang.
				Digital	FEC			
			France Ô	TV	DVB-S2	?	27.500	French
			France 2	TV	DVB-S2	?	27.500	French
			France 4	TV	DVB-S2	?	27.500	French
			France Ô	TV	DVB-S2	?	27.500	French
			France 3 Sat	TV	DVB-S2	?	27.500	French
			France 2	TV	DVB-S2	?	27.500	French
			France 5	TV	DVB-S2	?	27.500	French
			ARTE Français	TV	DVB-S2	?	27.500	French
			Télé Réunion	TV	DVB-S2	?	27.500 Viaccess	French
			France Info	radio	DVB-S2	?	27.500	French
			Radio Réunion	radio	DVB-S2	?	27.500	French
			Radio Ô	radio	DVB-S2	?	27.500	French
			France Inter	radio	DVB-S2	?	27.500	French
			Le Mouv'	radio	DVB-S2	?	27.500	French
			Radio France Internationale	radio	DVB-S2	?	27.500	
			France Culture	radio	DVB-S2	?	27.500	French
			Radio Mayotte	radio	DVB-S2	?	27.500	French

W3A (7°EAST)

D 10.721	H	Europe B	<u>IVG</u>	package	DVB	3/4	22.000	
			Farsi 1	TV	DVB	3/4	22.000	Farsi
			Simay-Azadi Iran National TV	TV	DVB	3/4	22.000	Farsi
			Rang-A-Rang TV	TV	DVB	3/4	22.000	Farsi
			Channel One	TV	DVB	3/4	22.000	Farsi
			VoA TV Persian	TV	DVB	3/4	22.000	Farsi
			Pars TV	TV	DVB	3/4	22.000	Farsi
			GünAz TV	TV	DVB	3/4	22.000	Azerbaijan
			BBC Persian	TV	DVB	3/4	22.000	Farsi
			EPersian Radio	radio	DVB	3/4	22.000	Farsi
			Radio Farda	radio	DVB	3/4	22.000	Farsi
			Voice of Mojahed	radio	DVB	3/4	22.000	Farsi
D 10.845	V	Europe B	<u>DigiTurk</u>	package	DVB	3/4	30.000 Cryptoworks/Irdeto 2	
			VH1 Europe A	TV	DVB	3/4	30.000 Cryptoworks/Irdeto 2	English
			Extreme Sports Channel	TV	DVB	3/4	30.000 Cryptoworks/Irdeto 2	English
			BBC Entertainment Europe	TV	DVB	3/4	30.000 Cryptoworks/Irdeto 2	English
			BBC World News	TV	DVB	3/4	30.000 Cryptoworks/Irdeto 2	English
			Fox Sports Turkey	TV	DVB	3/4	30.000 Cryptoworks/Irdeto 2	English
			Nat Geo Wild HD	TV	DVB	3/4	30.000 Cryptoworks/Irdeto 2	
			EuroNews	TV	DVB	3/4	30.000 Cryptoworks/Irdeto 2	English
A 10.887	V	Europe B	Lig TV	TV	DVB-S2	5/6	30.000 Cryptoworks/Irdeto 2	Turkish
A 10.887	V	Europe B	SporMax	TV	DVB-S2	5/6	30.000 Cryptoworks/Irdeto 2	Turkish
A 10.887	V	Europe B	MovieMax Premier HD	TV	DVB-S2	5/6	30.000 Irdeto 2	Turkish
A 10.887	V	Europe B	DiziMax	TV	DVB-S2	5/6	30.000 Irdeto 2	Turkish
A 10.887	V	Europe B	<u>DigiTurk</u>	package	DVB-S2	5/6	30.000 Cryptoworks/Irdeto 2	
			Eurosport	TV	DVB-S2	5/6	30.000 Cryptoworks/Irdeto 2	Turkish,English
A 10.887	H	Europe B	MovieMax Stars HD	TV	DVB-S2	5/6	30.000 Irdeto 2	Turkish
A 10.887	H	Europe B	DiziMaxMore	TV	DVB-S2	5/6	30.000 Irdeto 2	Turkish
A 10.887	H	Europe B	National Geographic Channel HD UK	TV	DVB-S2	5/6	30.000 Cryptoworks/Irdeto 2	Turkish,English
A 10.887	H	Europe B	Penthouse HD	TV	DVB-S2	5/6	30.000 Irdeto 2	English
A 10.887	H	Europe B	Premier League	TV	DVB-S2	5/6	30.000 Irdeto 2	
A 10.887	H	Europe B	<u>DigiTurk</u>	package	DVB-S2	5/6	30.000 Cryptoworks/Irdeto 2	
D 10.928	H	Europe B	Perviy kanal Europa	TV	DVB	3/4	30.000 Cryptoworks/Irdeto 2	Russian
D 10.928	H	Europe B	Rai 1	TV	DVB	3/4	30.000 Cryptoworks/Irdeto 2	Italian
D 10.928	H	Europe B	Dream TV	TV	DVB	3/4	30.000 Cryptoworks/Irdeto 2	Turkish
D 10.928	H	Europe B	BabyFirst TV	TV	DVB	3/4	30.000 Cryptoworks/Irdeto 2	Turkish,English
D 10.928	H	Europe B	Pro Sieben Schweiz	TV	DVB	3/4	30.000 Cryptoworks/Irdeto 2	German
D 10.928	H	Europe B	Bloomberg TV Europe	TV	DVB	3/4	30.000 Cryptoworks/Irdeto 2	English
D 10.928	H	Europe B	Wedding TV Polska	TV	DVB	3/4	30.000 Cryptoworks/Irdeto 2	Turkish,English
D 10.928	H	Europe B	France 24 English	TV	DVB	3/4	30.000 Cryptoworks/Irdeto 2	English
D 10.928	H	Europe B	Saudi Arabian TV 1	TV	DVB	3/4	30.000 Cryptoworks/Irdeto 2	Arabic
D 10.928	H	Europe B	TV 5 Monde Europe	TV	DVB	3/4	30.000 Cryptoworks/Irdeto 2	French
D 10.928	H	Europe B	Al Jazeera English	TV	DVB	3/4	30.000 Cryptoworks/Irdeto 2	English
D 10.928	H	Europe B	<u>DigiTurk</u>	package	DVB	3/4	30.000 Cryptoworks/Irdeto 2	
D 10.928	H	Europe B	Masal TV	interacti	DVB	3/4	30.000 Cryptoworks/Irdeto 2	Turkish
D 10.928	H	Europe B	Digiturk Teknik Servis	interacti	DVB	3/4	30.000 Cryptoworks/Irdeto 2	
D 10.928	H	Europe B	Yemek Sepeti	interacti	DVB	3/4	30.000 Cryptoworks/Irdeto 2	
D 10.928	H	Europe B	Turksell Süper Lig Bilgi Kanali	interacti	DVB	3/4	30.000 Cryptoworks/Irdeto 2	
D 10.928	H	Europe B	Mobiwar	interacti	DVB	3/4	30.000 Cryptoworks/Irdeto 2	

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
D 10.928	V	Europe B	Eurosport 2 North-East	TV	DVB	3/4	27.500	Viaccess 3.0/Viaccess 4.0	English
D 10.928	V	Europe B	Touba TV	TV	DVB	3/4	27.500		French
D 10.928	V	Europe B	Cocktail	radio	DVB	3/4	27.500		
D 10.928	V	Europe B	Chartbusters Radio	radio	DVB	3/4	27.500		English
D 10.928	V	Europe B	Hits Online	radio	DVB	3/4	27.500		
D 10.928	V	Europe B	Gold	radio	DVB	3/4	27.500		
D 10.928	V	Europe B	Mix	radio	DVB	3/4	27.500		
D 10.928	V	Europe B	I.D.	radio	DVB	3/4	27.500		
D 10.928	V	Europe B	Soft Pop	radio	DVB	3/4	27.500		
D 10.928	V	Europe B	Classic	radio	DVB	3/4	27.500		
D 10.928	V	Europe B	Bobar Radio	radio	DVB	3/4	27.500		Serbian
D 10.928	V	Europe B	<u>OpenSky</u>	package	DVB	3/4	27.500	Viaccess 3.0/Viaccess 4.0/BISS	
D 10.928	V	Europe B	OpenSky	interacti	DVB	3/4	27.500		
			ETV 2	TV	DVB	3/4	27.500		Amharic
D 11.262	H	Europe A	OpenSky	interacti	DVB	3/4	27.500		
D 11.283	V	Europe A	<u>GlobeCast</u>	package	DVB	3/4	27.500		
			Eurosport	TV	DVB	3/4	27.500	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	English,German,French
			Eurosport 2	TV	DVB	3/4	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	English
			M6 Suisse	TV	DVB	3/4	Y 27.500		French
			Eurosport News	TV	DVB	3/4	27.500	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	English,Russian
			RFI Diverse 2	radio	DVB	3/4	27.500		
			RFI Diverse 6	radio	DVB	3/4	27.500		
			RFI Langues 1	radio	DVB	3/4	27.500		
			RFI Français	radio	DVB	3/4	27.500		French
			RFI Musique	radio	DVB	3/4	27.500		
			RFI Diverse 4	radio	DVB	3/4	27.500		
			RFI Diverse 3	radio	DVB	3/4	27.500		
			RFI Latine	radio	DVB	3/4	27.500		
			RFI Diverse 7	radio	DVB	3/4	27.500		
			Buffalo Grill	radio	DVB	3/4	27.500	Viaccess 2.5	
			RFI Diverse 1	radio	DVB	3/4	27.500		
			RFI Afrique	radio	DVB	3/4	27.500		
			RFI Langues Diverse	radio	DVB	3/4	27.500		
			RFI Langues Est	radio	DVB	3/4	27.500		
			RFI Français	radio	DVB	3/4	27.500		French
			Monte Carlo Doualiya	radio	DVB	3/4	27.500		Arabic
D 11.324	V	Europe A	<u>Multi-Channel BFBS</u>	package	DVB	2/3	27.500	Cryptoworks	
			Q	TV	DVB	2/3	Y 27.500	Cryptoworks	English
			BFBS 1	TV	DVB	2/3	Y 27.500	Cryptoworks	English
			Nepali TV	TV	DVB	2/3	27.500	Cryptoworks	
			Sky News UK	TV	DVB	2/3	27.500	Cryptoworks	English
			Sky Sports 2 UK	TV	DVB	2/3	Y 27.500	Cryptoworks	English
			Sky Sports 1 UK	TV	DVB	2/3	Y 27.500	Cryptoworks	English
			BFBS 4	TV	DVB	2/3	Y 27.500	Cryptoworks	English
			BFBS 3 Kids	TV	DVB	2/3	Y 27.500	Cryptoworks	English
			BFBS 2	TV	DVB	2/3	Y 27.500	Cryptoworks	English
			BFBS 1 Day Later	TV	DVB	2/3	Y 27.500	Cryptoworks	English
			BFBS Radio Afghanistan	radio	DVB	2/3	27.500		English
			BFBS Radio Gibraltar	radio	DVB	2/3	27.500		English
			BFBS Radio 2 Europe	radio	DVB	2/3	27.500	Cryptoworks	English
			BFBS Gurkha Radio	radio	DVB	2/3	27.500		
			BFBS Radio Navy	radio	DVB	2/3	27.500		English
			BFBS Radio 2 Cyprus	radio	DVB	2/3	27.500	Cryptoworks	English
			BFBS Radio Europe	radio	DVB	2/3	27.500		English
			BFBS Radio 2 World	radio	DVB	2/3	27.500	Cryptoworks	English
			BFBS Radio Germany	radio	DVB	2/3	27.500		English
			BFBS Radio Cyprus	radio	DVB	2/3	27.500		English
			BFBS Radio Middle East	radio	DVB	2/3	27.500		English
			BFBS Radio Balkans	radio	DVB	2/3	27.500		English
			BFBS Radio Northern Ireland	radio	DVB	2/3	27.500		English
D 11.345	H	Europe A	<u>Eutelsat</u>	package	DVB	2/3	27.500		
			2S TV	TV	DVB	2/3	27.500	Viaccess 2.6	French
			ORTM	TV	DVB	2/3	27.500		French
			TPA Internacional	TV	DVB	2/3	27.500		Portuguese
			Africable	TV	DVB	2/3	27.500		French
			RTS 1	TV	DVB	2/3	27.500		French
			Gold	radio	DVB	2/3	27.500		
			Classic	radio	DVB	2/3	27.500		
			Soft Pop	radio	DVB	2/3	27.500		
			I.D.	radio	DVB	2/3	27.500		

Freq (GHz)	Pol	Beam	Channel	Analogue Audio MHz		Text MSy/s	Access	Lang.				
				Digital	FEC							
D 11.452	V	Europe B	Canal A	radio	DVB	2/3	27.500	Portuguese				
			Cocktail	radio	DVB	2/3	27.500					
			Mix	radio	DVB	2/3	27.500					
			Chartbusters Radio	radio	DVB	2/3	27.500	English				
			La Radio Plus	radio	DVB	2/3	27.500	French				
			Radio Sénégal International	radio	DVB	2/3	27.500	French				
			Hits Online	radio	DVB	2/3	27.500					
			<u>DigiTurk</u>	package	DVB	2/3	25.066	Cryptoworks/Irdeto 2				
			TRT 4	TV	DVB	2/3	25.066		Turkish			
			E1 EMEA	TV	DVB	2/3	25.066	Cryptoworks/Irdeto 2	English			
			Bugün TV	TV	DVB	2/3	25.066	Cryptoworks/Irdeto 2	Turkish			
			Kanal B	TV	DVB	2/3	25.066	Cryptoworks/Irdeto 2	Turkish			
			Beyaz TV	TV	DVB	2/3	25.066	Cryptoworks/Irdeto 2	Turkish			
			Salonda Ne Var?	TV	DVB	2/3	25.066	Cryptoworks/Irdeto 2	Turkish			
			Halk TV	TV	DVB	2/3	25.066	Cryptoworks/Irdeto 2	Turkish			
TRT Çocuk	TV	DVB	2/3	25.066		Turkish						
D 11.471	H	Europe B	<u>DigiTurk</u>	package	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			24	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			EuroNews	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	English,German,French,Spanish,Italian,Russian,Portuguese,Arabic,Turkish			
			Fashion TV Europe	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			E2	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			TV Net	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			Premier League	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			NTV Spor	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			Eurosport 2	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish,English			
			Extreme Sports Channel	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	English			
			BBC Entertainment Europe	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	English			
			Fox Life Turkey	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			Mezzo	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			<u>DigiTurk</u>	package	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			D 11.492	V	Europe B	TRT Haber	TV	DVB	3/4	30.000		Turkish
Show Plus	TV	DVB				3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
Samanyolu TV Türkiye	TV	DVB				3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
TRT 6	TV	DVB				3/4	30.000		Kurdish			
Zone Reality Europe	TV	DVB				3/4	30.000	Cryptoworks/Irdeto 2	English,Turkish			
GS TV	TV	DVB				3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
Lig TV	TV	DVB				3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
TürkMax	TV	DVB				3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
TRT 1	TV	DVB				3/4	Y 30.000		Turkish			
DiziMax	TV	DVB				3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
D 11.513	H	Europe B				<u>DigiTurk</u>	package	DVB	3/4	27.500	Cryptoworks/Irdeto 2	
						Flash TV	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2	Turkish
						Iz TV	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2	Turkish
						Digi Kanal	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2	Turkish
						Crime & Investigation Network UK	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2	Turkish,English
			Power Türk TV	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2	Turkish			
			Samanyolu Haber	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2	Turkish			
			Yumurcak TV	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2	Turkish			
			Baby TV Europe	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2	Turkish,English			
			Bio UK	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2	Turkish,English			
			IBB Trafik	interacti	DVB	3/4	27.500	Cryptoworks/Irdeto 2				
			Digiaktif	interacti	DVB	3/4	27.500	Cryptoworks/Irdeto 2				
			Halk Bankasi	interacti	DVB	3/4	27.500	Cryptoworks/Irdeto 2				
			TV Hava Durumu	interacti	DVB	3/4	27.500	Cryptoworks/Irdeto 2				
			Ajans Press	interacti	DVB	3/4	27.500	Cryptoworks/Irdeto 2				
Müşteri Hizmetleri	interacti	DVB	3/4	27.500	Cryptoworks/Irdeto 2							
Yemek Sepeti	interacti	DVB	3/4	27.500	Cryptoworks/Irdeto 2							
Süper Lig Bilgi Kanali	interacti	DVB	3/4	27.500	Cryptoworks/Irdeto 2							
Jojo Interaktif	interacti	DVB	3/4	27.500	Cryptoworks/Irdeto 2							
Digiposta	interacti	DVB	3/4	27.500	Cryptoworks/Irdeto 2							
D 11.534	V	Europe B	<u>DigiTurk</u>	package	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			6 News	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			Kanalturk	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			CNBC-E	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			CNN Türk	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			BBC World News	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	English			
			Moviemax Premier	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			TV 8	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			Kral TV	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.			
				Digital	FEC							
D 11.554	H	Europe B	TRT 3	TV	DVB	3/4	30.000		Turkish			
			NTV Türkiye	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			Cartoon Network Türkiye	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			TV Finans	interacti	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			<u>DigiTurk</u>	package	DVB	3/4	27.500	Cryptoworks/Irdeto 2				
			Kanal A	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2	Turkish			
			Cine 5	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2	Turkish			
			Cem TV	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2	Turkish			
			FX Türkiye	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2	Turkish			
			TNT Türkiye	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2	Turkish			
			TRT Arapça	TV	DVB	3/4	27.500		Arabic			
			Akilli TV	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2	Turkish			
			TRT Belgesel	TV	DVB	3/4	27.500		Turkish			
			Radio Banca Popolare di Vicenza	radio	DVB	3/4	27.500		Italian			
D 11.575	V	Europe B	<u>DigiTurk</u>	package	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			Kanal D	TV	DVB	3/4	Y 30.000	Cryptoworks/Irdeto 2	Turkish			
			Vip TV	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			NBA TV	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	English			
			Show Max	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			Disney XD Middle East	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish,English			
			Salon 2	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			Salon 1	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			Show TV	TV	DVB	3/4	Y 30.000	Cryptoworks/Irdeto 2	Turkish			
			Blue Hustler Europe	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			D 11.596	H	Europe B	<u>DigiTurk</u>	package	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
						Habertürk	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
						TJK TV	TV	DVB	3/4	30.000		Turkish
						Moviemax Stars 2	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
MyMax	TV	DVB				3/4	30.000	Cryptoworks/Irdeto 2	Turkish,English			
Lig TV Ticari	TV	DVB				3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
FBTV	TV	DVB				3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
Moviemax Family	TV	DVB				3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
TGRT Haber	TV	DVB				3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
Fox Sports Turkey	TV	DVB				3/4	30.000	Cryptoworks/Irdeto 2	English			
CNN International Europe	TV	DVB				3/4	30.000	Cryptoworks/Irdeto 2	English			
SporMax	TV	DVB				3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
Bilyoner.com	interacti	DVB				3/4	30.000	Cryptoworks/Irdeto 2				
D 11.617	V	Europe B				<u>DigiTurk</u>	package	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
			TRT Türk	TV	DVB	3/4	30.000		Turkish			
			The History Channel Turkey	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish,English			
			Home TV	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			Mehtap TV	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			Nat Geo Wild Türkiye	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish,English			
			National Geographic Channel Türkiye	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	English,Turkish			
			VH1 Europe A	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	English			
			MCM Top	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	French			
			Star TV	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			Nickelodeon Türkiye	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			Aquavision	TV	DVB	3/4	30.000					
			Lig Radyo	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			Alternative Rock	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			Classical Music	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			Standards	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			50's/60's Hits	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			70's Hits	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			80's Hits	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			2000's Hits	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			Radyo Time	radio	DVB	3/4	30.000		Turkish			
			Arion Radio	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Greek			
			Radyo Spor	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			Masal Radyo	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			Opera	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			Hard Rock	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			90's Hits	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			Alem FM	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			International	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			Classical Rock	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			Smooth Jazz	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			Symphonic	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			Songs of Love	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2				

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.			
				Digital	FEC	MSy/s						
D 11.637	H	Europe B	R&B	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			Yoga Zone	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			Easy Listening	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			Hip Hop R&B	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			Chillout	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			Jazz Classics	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			Dance	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			Dance Classics	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			Latin	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			Reggae	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			Nu Jazz	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			Blues	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			Kanal 532	interacti	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			<u>DigiTurk</u>	package	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			Jolly Tatil TV	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			Yacht & Sail International	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	English,French			
			Business TV	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			Jojo	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			Intimacy	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			Moviemax Festival	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			TRT Avaz	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
Moviemax Stars	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish						
Bloomberg HT	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish						
Moviemax Speed	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish						
The MGM Channel East Europe	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish						
Digioun	interacti	DVB	3/4	30.000	Cryptoworks/Irdeto 2							
D 11.678	H	Europe B	<u>DigiTurk</u>	package	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			TRT Müzik	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			Fox Türkiye	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			ComedyMax	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	English			
			Sky Turk	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			Salon 3	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			Moviemax Premier 2	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			Ülke TV	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			Disney Channel Middle East	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish,English			
			Eurosport	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish,English			
			Kanal 7	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			ATV Türkiye	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			D 12.520	V	Africa	Skylogic	interacti	DVB	1/2	27.500		
						<u>Televisa Networks</u>	package	DVB	?	30.000	Viaccess	
D 12.645	V	Africa	TL Novelas Europa	TV	DVB	?	30.000	Viaccess	Spanish			
			TeleHit	TV	DVB	?	30.000	Viaccess	Spanish			
			Setanta Africa	TV	DVB	?	30.000	Viaccess	English			
			Clásico TV	TV	DVB	?	30.000	Viaccess	Spanish			
			Ritmoson Latino	TV	DVB	?	30.000	Viaccess	Spanish			
			De Película Europa/Australia	TV	DVB	?	30.000	Viaccess	Spanish			
			<u>Free2View</u>	package	DVB	5/6	30.000					
D 12.728	V	Africa	RTS 1	TV	DVB	5/6	30.000		French			
			2S TV	TV	DVB	5/6	30.000		French			
			MTA International	TV	DVB	5/6	30.000		Urdu			
			RDV	TV	DVB	5/6	30.000					
			La Chaîne de Futur	TV	DVB	5/6	30.000		French			
			TV Zimbo	TV	DVB	5/6	30.000		Portuguese			
			TPA Internacional	TV	DVB	5/6	30.000		Portuguese			
			P Sat TV	TV	DVB	5/6	30.000					
			City FM	radio	DVB	5/6	30.000		French			
			Radio Sénégal International	radio	DVB	5/6	30.000		French			
			RFI Océan Indien	radio	DVB	5/6	30.000		French			
			RFI Afrique	radio	DVB	5/6	30.000		French			
			Origine FM	radio	DVB	5/6	30.000					

W4 (36°EAST)

D 12.073	L	Russia	<u>NTV Plus</u>	package	DVB-S2	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	
			HD Kino	TV	DVB-S2	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			HD Sport	TV	DVB-S2	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			HD Life	TV	DVB-S2	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Eurosport	TV	DVB-S2	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Discovery HD Showcase	TV	DVB-S2	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English
			MTVN HD	TV	DVB-S2	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English

19 August 2010

Page 47 of 69

This document is provided for information purposes. No responsibility is taken for errors or omissions. Please note that most digital set top boxes (satellite receivers) are now fitted with a child protection function to prevent underage viewing of adult content. Features may vary according to manufacturer and model type but most boxes allow you to block unsuitable content. Contact your local dealer or installer to find out more.
Eutelsat S.A. - 70 rue Balard 75502 PARIS CEDEX 15 - Tel: 0153984747 - Fax: 0153983700 <http://www.eutelsat.com>

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.			
				Digital	FEC							
D 12.092	H	Nigeria	<u>HiTV</u>	package	DVB	7/8	27.500	Conax				
			Fox Entertainment	TV	DVB-S2	7/8	27.500	Conax	English			
			Silverbird TV	TV	DVB	7/8	27.500	Conax	English			
			Hi Nolly	TV	DVB	7/8	27.500	Conax	English			
			Sky News International	TV	DVB	7/8	27.500	Conax	English			
			Zee Cinema UK	TV	DVB	7/8	27.500	Conax	Hindi			
			Hi Sports 2	TV	DVB	7/8	27.500	Conax	English			
			Hi Soccer	TV	DVB	7/8	27.500	Conax	English			
			Hi Sports	TV	DVB	7/8	27.500	Conax	English			
			Eurosport News	TV	DVB	7/8	27.500	Conax	English			
			Al Jazeera English	TV	DVB	7/8	27.500	Conax	English			
			Fox News Channel	TV	DVB	7/8	27.500	Conax	English			
			Bloomberg TV Europe	TV	DVB	7/8	27.500	Conax	English			
			Setanta Africa	TV	DVB	7/8	27.500	Conax	English			
			BBC World News	TV	DVB	7/8	27.500	Conax	English			
			Hi Mix	TV	DVB	7/8	27.500	Conax	English			
D 12.130	H	Nigeria	<u>HiTV</u>	package	DVB	7/8	27.500	Conax				
			Gamji TV	TV	DVB	7/8	27.500	Conax	Hausa			
			KidsCo	TV	DVB	7/8	27.500	Conax				
			Discovery World	TV	DVB	7/8	27.500	Conax	English			
			God TV Europe	TV	DVB	7/8	27.500	Conax	English			
			Hi Kids	TV	DVB	7/8	27.500	Conax	English			
			ACBN	TV	DVB	7/8	27.500	Conax	English			
			Amuludun TV	TV	DVB	7/8	27.500	Conax				
			DoveVision	TV	DVB	7/8	27.500	Conax	English			
			TV Continental	TV	DVB	7/8	27.500	Conax				
			Biscon World	TV	DVB	7/8	27.500	Conax	English			
			EI EMEA	TV	DVB	7/8	27.500	Conax	English			
			Wedding TV UK	TV	DVB	7/8	27.500	Conax	English			
			Trace TV	TV	DVB	7/8	27.500	Conax	French			
			1 Music	TV	DVB	7/8	27.500	Conax	English			
			Nickelodeon	TV	DVB	7/8	27.500	Conax	English			
			BET UK	TV	DVB	7/8	27.500	Conax	English			
			Rhythm 93.7	radio	DVB	7/8	27.500	Conax	English			
			Brila FM	radio	DVB	7/8	27.500	Conax	English			
			Classic 97.3 FM	radio	DVB	7/8	27.500	Conax	English			
The Beat 99.9 FM	radio	DVB	7/8	27.500	Conax	English						
D 12.190	L	Russia	<u>Tricolor TV</u>	package	DVB	3/4	20.000	DRE-Crypt				
			Teen TV	TV	DVB	3/4	20.000	DRE-Crypt	Russian			
			Dom Kino	TV	DVB	3/4	20.000	DRE-Crypt	Russian			
			Russkaya Noch	TV	DVB	3/4	20.000	DRE-Crypt	Russian			
			Nochnoy Club	TV	DVB	3/4	20.000	DRE-Crypt	Russian			
			Kanal Teleputeshestviya	TV	DVB	3/4	20.000	DRE-Crypt	Russian			
			Ohota i Rybalka Tricolor	TV	DVB	3/4	20.000	DRE-Crypt	Russian			
			365 dnei TV	TV	DVB	3/4	20.000	DRE-Crypt	Russian			
			Auto Plus	TV	DVB	3/4	20.000	DRE-Crypt	Russian			
			Telekanal Zvezda	TV	DVB	3/4	20.000	DRE-Crypt	Russian			
			Mnogo TV	TV	DVB	3/4	20.000	DRE-Crypt	Russian			
			Telenyanya	TV	DVB	3/4	20.000	DRE-Crypt	Russian			
			Komedia TV	TV	DVB	3/4	20.000	DRE-Crypt	Russian			
			D 12.226	L	Russia	<u>Tricolor TV</u>	package	DVB	3/4	27.500	DRE-Crypt	
						Rossiya 24	TV	DVB	3/4	27.500	DRE-Crypt	Russian
						NTV Plus Nash Futbol	TV	DVB	3/4	27.500	DRE-Crypt	Russian
Ru TV	TV	DVB				3/4	27.500	DRE-Crypt	Russian			
TV Centr	TV	DVB				3/4	27.500	DRE-Crypt	Russian			
Bibigon	TV	DVB				3/4	27.500	DRE-Crypt	Russian			
REN TV	TV	DVB				3/4	27.500	DRE-Crypt	Russian			
5 Kanal	TV	DVB				3/4	27.500	DRE-Crypt	Russian			
Rossiya 1	TV	DVB				3/4	27.500	DRE-Crypt	Russian			
DTV	TV	DVB				3/4	27.500	DRE-Crypt	Russian			
Perviy kanal	TV	DVB				3/4	27.500	DRE-Crypt				
NTV	TV	DVB				3/4	27.500	DRE-Crypt	Russian			
Rossiya K	TV	DVB				3/4	27.500	DRE-Crypt	Russian			
TNT	TV	DVB				3/4	27.500	DRE-Crypt	Russian			
Tricolor TV Infokanal	TV	DVB				3/4	27.500		Russian			
Rossiya 2	TV	DVB				3/4	27.500	DRE-Crypt	Russian			
D 12.245	R	Russia	<u>NTV Plus</u>	package	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0				
			KinoHit	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			TV 5 Monde Europe	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	French			
			TeleKlub	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
D 12.265	L	Russia	France 24 English	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English
			Detski Mir	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			RT English	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English
			BBC World News	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English
			NTV Mir	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Nickelodeon CIS	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English
			World Fashion Channel Russia	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Eurosport 2	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Nashe Novoe Kino	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Bloomberg TV Europe	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English
			<u>NTV Plus</u>	package	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	
			Dom Kino	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			TV Sale	TV	DVB	3/4	27.500		Russian
			Bibigon	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			TV Centr Moskva	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			3 Kanal	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Perviy Meteo	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Mir	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Muzika	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Telenyanya	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
RT Arabic	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Arabic			
5 Kanal	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
RBK TV	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
Radio Zenit	radio	DVB	3/4	27.500		Russian			
D 12.284	R	Russia	<u>NTV Plus</u>	package	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	
			Sovershenno Sekretno	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Fox Life Russia	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English
			MTV Rocks	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English
			Vremya	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Perviy kanal Ukraina	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Fox Crime Russia	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English
			5 Kanal	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Ukrainian
			ICTV	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Ukrainian
			NTN	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Ukrainian
			CCTV News English	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English
			CCTV 4 Europe	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Chinese
			RTR Planeta Ukraina	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Park Razvlicenii	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Zoo TV	TV	DVB	3/4	27.500	DRE-Crypt	Russian
			Amazing Life	TV	DVB	3/4	27.500	DRE-Crypt	Russian
Tonus TV	TV	DVB	3/4	27.500	DRE-Crypt	Russian			
Muz TV	TV	DVB	3/4	27.500	DRE-Crypt	Russian			
Telekanal Domashniy	TV	DVB	3/4	27.500	DRE-Crypt	Russian			
Kinopokaz	TV	DVB	3/4	27.500	DRE-Crypt	Russian			
Telekanal India	TV	DVB	3/4	27.500	DRE-Crypt	Russian			
Boets	TV	DVB	3/4	27.500	DRE-Crypt	Russian			
7 TV	TV	DVB	3/4	27.500	DRE-Crypt	Russian			
A-One	TV	DVB	3/4	27.500		Russian			
Bridge TV	TV	DVB	3/4	27.500		Russian			
Soyuz	TV	DVB	3/4	27.500		Russian			
STS	TV	DVB	3/4	27.500	DRE-Crypt	Russian			
Avtoradio Moskva	radio	DVB	3/4	27.500		Russian			
Radio Alla	radio	DVB	3/4	27.500		Russian			
Radio Voskresenie	radio	DVB	3/4	27.500		Russian			
Humor FM	radio	DVB	3/4	27.500		Russian			
NRJ Russia	radio	DVB	3/4	27.500		Russian			
OTIK	interacti	DVB	3/4	27.500	DRE-Crypt				
D 12.322	R	Russia	<u>NTV Plus</u>	package	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	
			NTV Plus Infokanal	TV	DVB	3/4	27.500		Russian
			NTV Plus Sport	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			NTV Plus Futbol	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			NTV Plus Premiera	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			NTV Plus Kinoklub	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Nashe Kino	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Blue Hustler Europe	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	
			REN TV	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Kino Plus	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Kto est kto	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Perviy kanal	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			<u>NTV Plus</u>	package	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	
			D 12.341	L	Russia				

Freq (GHz)	Pol	Beam	Channel	Analogue Audio MHz		Text MSy/s	Access	Lang.			
				Digital	FEC						
D 12.380	L	Russia	Kinoreys 1	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,Russian			
			Ru TV	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			Universal Channel Russia	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English			
			Syfy Universal Russia	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English			
			Gameland TV	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			Telekanal Domashniy	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			Comedy TV	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			AXN Sci-Fi Russia	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English			
			Kinoreys 3	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,Russian			
			TiJi	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			Kinoreys 2	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,Russian			
			Gulli	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			Detskoe Radio	radio	DVB	3/4	27.500	Russian			
			NTV Plus	package	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0				
			Kuhnya TV	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			Zakon TV	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			Telekanal India	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			Russkaja Noch	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			Mnogo TV	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			Interesnoe TV	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			Boets	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			Auto Plus	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			365 dnei TV	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			TV Bulvar	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			Komedia TV	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			Telekanal La Minor	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			D 12.399	R	Russia	NTV Plus	package	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	
						Telekanal Spas	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
						Fashion TV Russia	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	
						NTV Sport On-line	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
						24 Dok	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
						Kino Soyuz	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
						Telekanal Zvezda	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
Rossiya 24	TV	DVB				3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
STS Moskva	TV	DVB				3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
Rossiya K	TV	DVB				3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
Rossiya 1	TV	DVB				3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
MTV Russia	TV	DVB				3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
NTV	TV	DVB				3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
TNT	TV	DVB				3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
Detskoe Radio	radio	DVB				3/4	27.500	Russian			
Relax FM	radio	DVB	3/4	27.500	Russian						
Echo Moskva	radio	DVB	3/4	27.500	Russian						
D 12.418	L	Russia	NTV Plus	package	DVB-S2	3/4	27.500 Viaccess 4.0				
			Telekanal La Minor	TV	DVB-S2	3/4	27.500 Viaccess 4.0	Russian			
			TNT	TV	DVB-S2	3/4	27.500 Viaccess 4.0	Russian			
			Perviy kanal	TV	DVB-S2	3/4	27.500 Viaccess 4.0	Russian			
			RBK TV	TV	DVB-S2	3/4	27.500 Viaccess 4.0	Russian			
			Kino Plus	TV	DVB-S2	3/4	27.500 Viaccess 4.0	Russian,Russian			
			Interesnoe TV	TV	DVB-S2	3/4	27.500 Viaccess 4.0	Russian			
			Auto Plus	TV	DVB-S2	3/4	27.500 Viaccess 4.0	Russian			
			365 dnei TV	TV	DVB-S2	3/4	27.500 Viaccess 4.0	Russian			
			Nashe Kino	TV	DVB-S2	3/4	27.500 Viaccess 4.0	Russian			
			Universal Channel Russia	TV	DVB-S2	3/4	27.500 Viaccess 4.0	Russian,English			
			Fashion TV Russia	TV	DVB-S2	3/4	27.500 Viaccess 4.0				
			Kuhnya TV	TV	DVB-S2	3/4	27.500 Viaccess 4.0	Russian			
			Zakon TV	TV	DVB-S2	3/4	27.500 Viaccess 4.0	Russian			
			Rossiya 24	TV	DVB-S2	3/4	27.500 Viaccess 4.0	Russian			
			Telekanal Domashniy	TV	DVB-S2	3/4	27.500 Viaccess 4.0	Russian			
			MTV Russia	TV	DVB-S2	3/4	27.500 Viaccess 4.0	Russian			
			KHL TV	TV	DVB-S2	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			Rossiya 2	TV	DVB-S2	3/4	27.500 Viaccess 4.0	Russian			
			Bibigon	TV	DVB-S2	3/4	27.500 Viaccess 4.0	Russian			
			Muz TV	TV	DVB-S2	3/4	27.500 Viaccess 4.0	Russian			
			5 Kanal	TV	DVB-S2	3/4	27.500 Viaccess 4.0	Russian			
			REN TV	TV	DVB-S2	3/4	27.500 Viaccess 4.0	Russian			
			Sport Plus	TV	DVB-S2	3/4	27.500 Viaccess 4.0	Russian			
STS Moskva	TV	DVB-S2	3/4	27.500 Viaccess 4.0	Russian						
Rossiya 1	TV	DVB-S2	3/4	27.500 Viaccess 4.0	Russian						
NTV	TV	DVB-S2	3/4	27.500 Viaccess 4.0	Russian						

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
			Rossiya K	TV	DVB-S2	3/4	27.500	Viaccess 4.0	Russian
			TV Centr Moskva	TV	DVB-S2	3/4	27.500	Viaccess 4.0	Russian
D 12.437	H	Africa	Mboa TV	TV	DVB	3/4	23.437		French
D 12.437	H	Africa	2S TV	TV	DVB	3/4	23.437		French
D 12.437	H	Africa	RDV	TV	DVB	3/4	23.437		French
D 12.437	H	Africa	LoveWorld Plus	TV	DVB	3/4	23.437		English
D 12.437	H	Africa	ORTB TV	TV	DVB	3/4	23.437		French
D 12.437	H	Africa	La Chaîne de Futur	TV	DVB	3/4	23.437		French
D 12.437	H	Africa	RTS 1	TV	DVB	3/4	23.437		French
D 12.437	H	Africa	Touba TV	TV	DVB	3/4	23.437		French
D 12.437	H	Africa	City FM	radio	DVB	3/4	23.437		French
D 12.437	R	Russia	<u>NTV Plus</u>	package	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	
			NTV Plus Tennis	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			NTV Plus Sport Klassika	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			NTV Plus Nash Futbol	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			NTV Plus Sport Soyuz	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Russkij Extreme	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Muz TV	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Rossiya 2	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Nostalgia	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Sport Plus	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			DTV	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			NTV Plus Basketbol	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
D 12.456	L	Russia	<u>NTV Plus</u>	package	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	
			Music Box Ru	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Mezzo	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	French
			TDK	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Zone Romantica Pan Europe	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			National Geographic Channel Russia	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English
			Kanal Disney	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English
			VH1 Europe A	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English
			Eurosport Russia	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Discovery Travel & Living Europe	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English
			Animal Planet Russia	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English
			Hallmark Channel Russia	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English
			Discovery Channel Russia	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English
D 12.476	R	Russia	<u>NTV Plus</u>	package	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	
			TCM Russia & South East Europe	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English
			JimJam Rossiya	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English
			Nat Geo Wild Europe	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English
			Extreme Sports Channel	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English
			MCM Top	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	French
			Zone Reality Europe	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English
			MTV Dance	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English
			The MGM Channel East Europe	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English
			Discovery World	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Cartoon Network Russia & South East Europe	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English,Russian
			CNN International	TV	DVB	3/4	Y 27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English
			VH1 Classic Europe	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English
			EuroNews	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,German,English,French
			Discovery Science Channel	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian

W6 (21.5°EAST)

D 11.366	V	Wide	Skylogic	interacti	DVB-S2	8/9	22.500		
D 11.387	H	Wide	Horizon Satellite Services	interacti	DVB-S2	3/4	30.000		
D 11.617	V	Wide	Skylogic	interacti	DVB	5/6	27.500		
D 11.640	H	Wide	Horizon Satellite Services	interacti	DVB-S2	?	23.400		

W7 (36°EAST)

D 11.637	V	South Afri	<u>CCTV</u>	package	DVB	?	22.000		
			CCTV News English	TV	DVB	?	22.000		English
			CCTV F	TV	DVB	?	22.000		French
			CCTV 4 Europe	TV	DVB	?	22.000		Chinese
D 11.747	H	Sub-Sahara	<u>MultiChoice Africa</u>	package	DVB	3/4	27.500	Irdeto 2	
			ESPN Classic Europe	TV	DVB	3/4	27.500	Irdeto 2	English
			CBeebies South Africa	TV	DVB	3/4	27.500	Irdeto 2	English

Freq (GHz)	Pol	Beam	Channel	Analogue		Text MSy/s	Access	Lang.
				Audio MHz	Digital FEC			
			Max UK	TV	DVB	3/4	27.500 Irdeto 2	Hindi
			CNN International	TV	DVB	3/4	27.500 Irdeto 2	English
			SET Africa	TV	DVB	3/4	27.500 Irdeto 2	English
			Big Brother Africa	TV	DVB	3/4	27.500 Irdeto 2	English
			CNBC Africa	TV	DVB	3/4	27.500 Irdeto 2	English
			ESPN Africa	TV	DVB	3/4	27.500 Irdeto 2	English
			SuperSport 3 Nigeria	TV	DVB	3/4	27.500 Irdeto 2	English
			SuperSport 7 Nigeria	TV	DVB	3/4	27.500 Irdeto 2	English
			BBC Knowledge South Africa	TV	DVB	3/4	27.500 Irdeto 2	English
			SuperSport 6	TV	DVB	3/4	27.500 Irdeto 2	English
D 11.766	L	Russia	Tricolor Internet	interacti	DVB	5/6	27.500	
D 11.785	H	Sub-Sahara	<u>MultiChoice Africa</u>	package	DVB	3/4	27.500 Irdeto 2	
			NTV Uganda	TV	DVB	3/4	27.500 Irdeto 2	English
			Inspiration Network International	TV	DVB	3/4	27.500 Irdeto 2	English
			Ghana TV	TV	DVB	3/4	27.500 Irdeto 2	English
			KBC Channel 1	TV	DVB	3/4	27.500 Irdeto 2	English
			Nat Geo Wild Europe	TV	DVB	3/4	27.500 Irdeto 2	English
			TBC 1	TV	DVB	3/4	27.500 Irdeto 2	
			KidsCo	TV	DVB	3/4	27.500 Irdeto 2	Portuguese,English
			KTN	TV	DVB	3/4	27.500 Irdeto 2	English
			NTV	TV	DVB	3/4	27.500 Irdeto 2	English
			BET UK	TV	DVB	3/4	27.500 Irdeto 2	English
			Islam Channel	TV	DVB	3/4	27.500 Irdeto 2	English
			Lagos TV	TV	DVB	3/4	27.500 Irdeto 2	English
			Coro FM Radio	radio	DVB	3/4	27.500 Irdeto 2	Kikuyu
			QFM	radio	DVB	3/4	27.500 Irdeto 2	English
			Easy FM	radio	DVB	3/4	27.500 Irdeto 2	English
			Metro FM	radio	DVB	3/4	27.500 Irdeto 2	English
			KBC Idhaa	radio	DVB	3/4	27.500 Irdeto 2	Swahili
			KBC English Service	radio	DVB	3/4	27.500 Irdeto 2	English
D 11.785	R	Russia	<u>NTV Plus</u>	package	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	
			RT Español	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Spanish
			Egoist TV	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Voina i Mir	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Idealniy mir	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Amazing Life	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			SET Eastern Europe	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			KHL TV	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			TNV Tatarstan	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			7 TV	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Expert TV	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
D 11.804	L	Russia	<u>Tricolor TV</u>	package	DVB-S2	3/4	27.500 DRE-Crypt	
			Mir	TV	DVB-S2	3/4	27.500 DRE-Crypt	Russian
			Moya Planeta	TV	DVB-S2	3/4	27.500 DRE-Crypt	Russian
			Diskoteka TV	TV	DVB-S2	3/4	27.500 DRE-Crypt	Russian
			RBK TV	TV	DVB-S2	3/4	27.500 DRE-Crypt	Russian
			24 Techno	TV	DVB-S2	3/4	27.500 DRE-Crypt	Russian
			Zagorodny	TV	DVB-S2	3/4	27.500 DRE-Crypt	Russian
			Podmoskove	TV	DVB-S2	3/4	27.500 DRE-Crypt	Russian
			Zakon TV	TV	DVB-S2	3/4	27.500 DRE-Crypt	Russian
			Top Shop TV Russia	TV	DVB-S2	3/4	27.500 DRE-Crypt	Russian
			9 Volna	TV	DVB-S2	3/4	27.500 DRE-Crypt	Russian
			Zhenskiy Mir	TV	DVB-S2	3/4	27.500 DRE-Crypt	Russian
			High Life	TV	DVB-S2	3/4	27.500 DRE-Crypt	Russian
			Mat i Ditya	TV	DVB-S2	3/4	27.500 DRE-Crypt	Russian
			TV Bulvar	TV	DVB-S2	3/4	27.500 DRE-Crypt	Russian
			Voina i Mir	TV	DVB-S2	3/4	27.500 DRE-Crypt	Russian
			RGVK Dagestan	TV	DVB-S2	3/4	27.500 DRE-Crypt	Russian
			Telekanal La Minor	TV	DVB-S2	3/4	27.500 DRE-Crypt	Russian
			Interesnoe TV	TV	DVB-S2	3/4	27.500 DRE-Crypt	Russian
			Agro TV	TV	DVB-S2	3/4	27.500 DRE-Crypt	Russian
			KHL TV	TV	DVB-S2	3/4	27.500 DRE-Crypt	Russian
			Tugan Tel	TV	DVB-S2	3/4	27.500 DRE-Crypt	
			Gde i kto	TV	DVB-S2	3/4	27.500 DRE-Crypt	Russian
			Kuhnya TV	TV	DVB-S2	3/4	27.500 DRE-Crypt	Russian
D 11.823	H	Sub-Sahara	<u>MultiChoice Africa</u>	package	DVB	3/4	27.500 Irdeto 2	
			13ème Rue	TV	DVB	3/4	27.500 Irdeto 2	French
			France 2	TV	DVB	3/4	27.500 Irdeto 2	French
			France 5	TV	DVB	3/4	27.500 Irdeto 2	French
			Cinecinema Star	TV	DVB	3/4	27.500 Irdeto 2	French

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.			
				Digital	FEC							
A 11.823	R	Russia	Trace TV	TV	DVB	3/4	27.500	Irdeto 2	French			
			Planète France	TV	DVB	3/4	27.500	Irdeto 2	French			
			RTL 9	TV	DVB	3/4	27.500	Irdeto 2	French			
			Sport +	TV	DVB	3/4	27.500	Irdeto 2	French			
			Canal + Cinéma France	TV	DVB	3/4	27.500	Irdeto 2	French			
			TiJi	TV	DVB	3/4	27.500	Irdeto 2	French			
			LCI	TV	DVB	3/4	27.500	Irdeto 2	French			
			SIC Internacional	TV	DVB	3/4	27.500	Irdeto 2	Portuguese			
			TV Mundial	TV	DVB	3/4	27.500	Irdeto 2	Portuguese			
			NTV Plus	package	DVB-S2	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0				
			Nat Geo Wild Europe	TV	DVB-S2	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English			
			D 11.862	H	Sub-Sahara	MultiChoice Africa	package	DVB	3/4	27.500	Irdeto 2	
						NTA International	TV	DVB	3/4	27.500	Irdeto 2	English
Silverbird TV	TV	DVB				3/4	27.500	Irdeto 2	English			
CCTV F	TV	DVB				3/4	27.500	Irdeto 2	French			
Soundcity Premium	TV	DVB				3/4	27.500	Irdeto 2	English			
Iqraa	TV	DVB				3/4	27.500	Irdeto 2	Arabic			
ZDF	TV	DVB				3/4	27.500	Irdeto 2	German			
Metro TV	TV	DVB				3/4	27.500	Irdeto 2				
Eurosport News	TV	DVB				3/4	27.500	Irdeto 2	English			
MITV	TV	DVB				3/4	27.500	Irdeto 2	English			
Channels TV	TV	DVB				3/4	27.500	Irdeto 2	English			
AIT International UK	TV	DVB				3/4	27.500	Irdeto 2	English			
Rhythm 93.7	radio	DVB				3/4	27.500	Irdeto 2	English			
Ray Power 100.5 FM	radio	DVB				3/4	27.500	Irdeto 2	English			
M-Web	interacti	DVB				3/4	27.500	Irdeto 2				
D 11.881	V	Sub-Sahara				MultiChoice Africa	package	DVB	3/4	27.500	Irdeto 2	
						TV Zimbo	TV	DVB	3/4	27.500	Irdeto 2	Portuguese
			SuperSport MaXimo 2	TV	DVB	3/4	27.500	Irdeto 2	Portuguese			
			Rhema Network	TV	DVB	3/4	27.500	Irdeto 2	English			
			Citizen TV	TV	DVB	3/4	27.500	Irdeto 2				
			The History Channel South Africa	TV	DVB	3/4	27.500	Irdeto 2	English			
			Mindset Learn	TV	DVB	3/4	27.500	Irdeto 2	English			
			SuperSport 5 Nigeria	TV	DVB	3/4	27.500	Irdeto 2	English			
			TCM Middle East & Africa	TV	DVB	3/4	27.500	Irdeto 2	English			
			SET Asia	TV	DVB	3/4	27.500	Irdeto 2	Hindi			
			Soft Hits	radio	DVB	3/4	27.500	Irdeto 2				
			Gospel	radio	DVB	3/4	27.500	Irdeto 2				
			Hot Traxx	radio	DVB	3/4	27.500	Irdeto 2				
			Reggae	radio	DVB	3/4	27.500	Irdeto 2				
			Campus Rock	radio	DVB	3/4	27.500	Irdeto 2				
			African Rhythms	radio	DVB	3/4	27.500	Irdeto 2				
			Classic Jazz	radio	DVB	3/4	27.500	Irdeto 2				
			Smooth Jazz	radio	DVB	3/4	27.500	Irdeto 2				
			Adult Contemporary	radio	DVB	3/4	27.500	Irdeto 2				
			70's Hits	radio	DVB	3/4	27.500	Irdeto 2				
			Rock'n'Roll Oldies	radio	DVB	3/4	27.500	Irdeto 2				
			Urban Beat	radio	DVB	3/4	27.500	Irdeto 2				
			BBC World Service 1	radio	DVB	3/4	27.500	Irdeto 2				
			French Contemporary	radio	DVB	3/4	27.500	Irdeto 2				
			Urban Adult Contemporary	radio	DVB	3/4	27.500	Irdeto 2				
			Symphonic	radio	DVB	3/4	27.500	Irdeto 2				
			Dance	radio	DVB	3/4	27.500	Irdeto 2				
			BBC World Service 2	radio	DVB	3/4	27.500	Irdeto 2				
			Channel Islam International	radio	DVB	3/4	27.500	Irdeto 2				
			TransAfrica Radio	radio	DVB	3/4	27.500	Irdeto 2	English			
			BBC World Service 3	radio	DVB	3/4	27.500	Irdeto 2				
			WRN English Africa & Middle East	radio	DVB	3/4	27.500	Irdeto 2	English			
			Radio Citizen	radio	DVB	3/4	27.500	Irdeto 2				
			Light Classical	radio	DVB	3/4	27.500	Irdeto 2				
			Beautiful Instrumentals	radio	DVB	3/4	27.500	Irdeto 2				
			Contemporary Instrumentals	radio	DVB	3/4	27.500	Irdeto 2				
			Classic Rock	radio	DVB	3/4	27.500	Irdeto 2				
Hot 96	radio	DVB	3/4	27.500	Irdeto 2							
VoA Music Mix	radio	DVB	3/4	27.500	Irdeto 2	English						
D 11.900	H	Sub-Sahara	MultiChoice Africa	package	DVB	1/2	26.480	Irdeto 2				
			Cartoon Network Middle East & Africa	TV	DVB	1/2	26.480	Irdeto 2	English			
			National Geographic Channel South Africa	TV	DVB	1/2	26.480	Irdeto 2	English			

Freq (GHz)	Pol	Beam	Channel	Analogue		Text MSy/s	Access	Lang.	
				Digital	Audio MHz FEC				
A 11.919	V	Sub-Sahara	Africa Magic Plus	TV	DVB	1/2	26.480	Irdeto 2	English
			SuperSport Blitz	TV	DVB	1/2	26.480	Irdeto 2	English
			SuperSport 7 Africa	TV	DVB	1/2	26.480	Irdeto 2	English
			Sky News International	TV	DVB	1/2	26.480	Irdeto 2	English
			Magic World	TV	DVB	1/2	26.480	Irdeto 2	English
			SuperSport 4	TV	DVB	1/2	26.480	Irdeto 2	English
			Africa Magic Yoruba	TV	DVB	1/2	26.480	Irdeto 2	
			Africa Magic Hausa	TV	DVB	1/2	26.480	Irdeto 2	Hausa
			Zone Reality South Africa	TV	DVB	1/2	26.480	Irdeto 2	English
			SuperSport 5 Africa	TV	DVB	1/2	26.480	Irdeto 2	English
			<u>MultiChoice Africa</u>	package	DVB	3/4	27.500	Irdeto 2	
			DSTV HD on Demand	TV	DVB	3/4	27.500	Irdeto 2	English
			SuperSport 10	TV	DVB	3/4	27.500	Irdeto 2	English
			DSTV on Demand	TV	DVB	3/4	27.500	Irdeto 2	English
SuperSport HD	TV	DVB	3/4	27.500	Irdeto 2	English			
M-Net HD	TV	DVB	3/4	27.500	Irdeto 2	English,English			
D 11.940	H	Sub-Sahara	<u>MultiChoice Africa</u>	package	DVB	3/4	27.500	Irdeto 2	
			Zee TV Africa	TV	DVB	3/4	27.500	Irdeto 2	Hindi
			NHK World TV	TV	DVB	3/4	27.500	Irdeto 2	English
			Daystar TV	TV	DVB	3/4	27.500	Irdeto 2	English
			Al Jazeera English	TV	DVB	3/4	27.500	Irdeto 2	English
			Boomerang Middle East & Africa	TV	DVB	3/4	27.500	Irdeto 2	English
			Animal Planet Africa	TV	DVB	3/4	27.500	Irdeto 2	English
			Fashion TV	TV	DVB	3/4	27.500	Irdeto 2	
			CCTV 4 Europe	TV	DVB	3/4	27.500	Irdeto 2	Chinese
			CCTV News English	TV	DVB	3/4	27.500	Irdeto 2	English
			Guide	interacti	DVB	3/4	27.500	Irdeto 2	
			<u>MultiChoice Africa</u>	package	DVB	3/4	27.500	Irdeto 2	
			AXN Portugal	TV	DVB	3/4	27.500	Irdeto 2	Portuguese
			TV Moçambique	TV	DVB	3/4	27.500	Irdeto 2	Portuguese
SIC Notícias	TV	DVB	3/4	27.500	Irdeto 2	Portuguese			
Disney Channel Portugal	TV	DVB	3/4	27.500	Irdeto 2	Portuguese			
TV Globo Internacional Europa/África	TV	DVB	3/4	27.500	Irdeto 2	Portuguese			
Afro Music Channel	TV	DVB	3/4	27.500	Irdeto 2	Portuguese			
RTP Açores	TV	DVB	3/4	27.500	Irdeto 2	Portuguese			
MTV Portugal	TV	DVB	3/4	27.500	Irdeto 2	Portuguese			
Record Internacional Europa	TV	DVB	3/4	27.500	Irdeto 2	Portuguese			
TV Cine 2	TV	DVB	3/4	27.500	Irdeto 2	Portuguese			
TV Cine 1	TV	DVB	3/4	27.500	Irdeto 2	Portuguese			
National Geographic Channel Portugal	TV	DVB	3/4	27.500	Irdeto 2	Portuguese			
UBC TV	TV	DVB	3/4	27.500	Irdeto 2				
Antena Nacional	radio	DVB	3/4	27.500	Irdeto 2	Portuguese			
D 11.977	H	Sub-Sahara	<u>MultiChoice Africa</u>	package	DVB	3/4	27.500	Irdeto 2	
			TV 5 Monde Afrique	TV	DVB	3/4	27.500	Irdeto 2	French
			RTP Internacional Europa	TV	DVB	3/4	27.500	Irdeto 2	Portuguese
			B4U Movies UK	TV	DVB	3/4	27.500	Irdeto 2	Hindi
			Fine Living Network	TV	DVB	3/4	27.500	Irdeto 2	English
			Canal + Horizons	TV	DVB	3/4	27.500	Irdeto 2	French
			K24	TV	DVB	3/4	27.500	Irdeto 2	English
			B4U Music UK	TV	DVB	3/4	27.500	Irdeto 2	English
			EI EMEA	TV	DVB	3/4	27.500	Irdeto 2	Portuguese
			France 24 Français	TV	DVB	3/4	27.500	Irdeto 2	French
			TV Brasil Internacional	TV	DVB	3/4	27.500	Irdeto 2	Portuguese
			Radio France Internationale	radio	DVB	3/4	27.500	Irdeto 2	French
			<u>MultiChoice Africa</u>	package	DVB	?	27.500	Irdeto 2	
			I-concerts	TV	DVB	?	27.500	Irdeto 2	
TV Cine HD	TV	DVB	?	27.500	Irdeto 2	Portuguese			
Discovery HD Showcase	TV	DVB	?	27.500	Irdeto 2	English			
D 12.015	H	Sub-Sahara	<u>MultiChoice Africa</u>	package	DVB	3/4	27.500	Irdeto 2	
			EuroNews	TV	DVB	3/4	27.500	Irdeto 2	Russian
			TF 6	TV	DVB	3/4	27.500	Irdeto 2	French
			The Style Network Emea	TV	DVB	3/4	27.500	Irdeto 2	English
			I-concerts	TV	DVB	3/4	27.500	Irdeto 2	
			FX Portugal	TV	DVB	3/4	27.500	Irdeto 2	Portuguese
			Fox Next	TV	DVB	3/4	27.500	Irdeto 2	Portuguese
			Travel Channel	TV	DVB	3/4	27.500	Irdeto 2	English
			Rai Italia 3 Africa	TV	DVB	3/4	27.500	Irdeto 2	Italian
			NN 24	TV	DVB	3/4	27.500	Irdeto 2	English
			C Music TV	TV	DVB	3/4	27.500	Irdeto 2	

Freq (GHz)	Pol	Beam	Channel	Analogue		Text	Access	Lang.				
				Digital	Audio MHz							
				Digital	FEC	MSy/s						
D 12.034	V	Sub-Sahara	SET Asia	TV	DVB	3/4	27.500	Irdeto 2	Hindi			
			TV Cine 3	TV	DVB	3/4	27.500	Irdeto 2	Portuguese			
			Record News	TV	DVB	3/4	27.500	Irdeto 2	Portuguese			
			Radio Okapi	radio	DVB	3/4	27.500		French			
			Rai Italia Radio	radio	DVB	3/4	27.500	Irdeto 2				
			<u>MultiChoice Africa</u>	package	DVB	?	27.500	Irdeto 2				
			NDTV 24x7	TV	DVB	?	27.500	Irdeto 2	English			
			Kingdom Africa	TV	DVB	?	27.500	Irdeto 2	English			
			JimJam Europe	TV	DVB	?	27.500	Irdeto 2	English			
			The History Channel South Africa	TV	DVB	?	27.500	Irdeto 2	English			
			Bio UK	TV	DVB	?	27.500	Irdeto 2	English			
			ETV	TV	DVB	?	27.500	Irdeto 2	Amharic			
			D 12.054	H	Sub-Sahara	<u>MultiChoice Africa</u>	package	DVB	3/4	27.500	Irdeto 2	
						SuperSport 2	TV	DVB	3/4	27.500	Irdeto 2	English
One Gospel	TV	DVB				3/4	27.500	Irdeto 2	English			
SuperSport 9	TV	DVB				3/4	27.500	Irdeto 2	English			
Disney Channel UK	TV	DVB				3/4	27.500	Irdeto 2	English			
MTV Europe	TV	DVB				3/4	27.500	Irdeto 2	English			
M-Net Action	TV	DVB				3/4	27.500	Irdeto 2				
BBC World News South Africa	TV	DVB				3/4	27.500	Irdeto 2	English			
M-Net Stars	TV	DVB				3/4	27.500	Irdeto 2	English			
BBC Entertainment South Africa	TV	DVB				3/4	27.500	Irdeto 2	English			
M-Net East	TV	DVB				3/4	27.500	Irdeto 2	English			
Crime & Investigation Network UK	TV	DVB				3/4	27.500	Irdeto 2	English			
MTV Base Africa	TV	DVB				3/4	27.500	Irdeto 2	English			
D 12.073	V	Sub-Sahara				<u>MultiChoice Africa</u>	package	DVB	3/4	27.500	Irdeto 2	
			Odisea	TV	DVB	3/4	27.500	Irdeto 2	Portuguese			
			Canal Panda	TV	DVB	3/4	27.500	Irdeto 2	Portuguese			
			Sport TV África	TV	DVB	3/4	27.500	Irdeto 2	Portuguese			
			Fox Crime Portugal	TV	DVB	3/4	27.500	Irdeto 2	Portuguese			
			Fox Life Portugal	TV	DVB	3/4	27.500	Irdeto 2	Portuguese			
			Fox Portugal	TV	DVB	3/4	27.500	Irdeto 2	Portuguese			
			PFC Internacional	TV	DVB	3/4	27.500	Irdeto 2	Portuguese			
			TPA 2	TV	DVB	3/4	27.500	Irdeto 2	Portuguese			
			Discovery World	TV	DVB	3/4	27.500	Irdeto 2	English			
			TPA 1	TV	DVB	3/4	27.500	Irdeto 2	Portuguese			
			Afro Music Channel	TV	DVB	3/4	27.500	Irdeto 2	Portuguese			
			Max UK	TV	DVB	3/4	27.500	Irdeto 2	Hindi			
			D 12.245	H	Sub-Sahara	<u>MultiChoice Africa</u>	package	DVB	3/4	27.500	Irdeto 2	
Channel O	TV	DVB				3/4	27.500	Irdeto 2	English			
Universal Channel South Africa	TV	DVB				3/4	27.500	Irdeto 2	English			
TBN Africa	TV	DVB				3/4	27.500	Irdeto 2	English			
M-Net Movies 2	TV	DVB				3/4	27.500	Irdeto 2	English			
Africa Magic	TV	DVB				3/4	27.500	Irdeto 2	English			
M-Net Series	TV	DVB				3/4	27.500	Irdeto 2	English			
Discovery Channel Middle East & Africa	TV	DVB				3/4	27.500	Irdeto 2	English			
SuperSport MaXimo	TV	DVB				3/4	27.500	Irdeto 2	Portuguese			
BBC Lifestyle South Africa	TV	DVB				3/4	27.500	Irdeto 2	English			
SuperSport 3 Africa	TV	DVB				3/4	27.500	Irdeto 2	English			
SuperSport 1	TV	DVB				3/4	27.500	Irdeto 2	English			
M-Net West	TV	DVB				3/4	27.500	Irdeto 2	English			
M-Net Movies 1	TV	DVB				3/4	27.500	Irdeto 2	English			

SESAT 1 (16°EAST)

A 10.976	H	Fixed	<u>DigitAlb</u>	package	DVB-S2	2/3	27.225	Conax/Videoguard	
			DigitAlb HD 2	TV	DVB-S2	2/3	27.225	Conax	Albanian
			National Geographic Channel HD UK	TV	DVB-S2	2/3	27.225	Conax/Videoguard	English
			DigitAlb HD 3	TV	DVB-S2	2/3	27.225	Conax	Albanian
			DigitAlb HD 1	TV	DVB-S2	2/3	27.225	Conax	Albanian
D 11.055	V	Fixed	<u>DigitAlb</u>	package	DVB	2/3	27.900	Conax	
			Çufo	TV	DVB	2/3	27.900	Conax	Albanian
			Film Autor	TV	DVB	2/3	27.900	Conax	English,Italian
			Digi Plus	TV	DVB	2/3	27.900	Conax	Albanian
			Junior TV	TV	DVB	2/3	27.900	Conax	Albanian
			Bang Bang	TV	DVB	2/3	27.900	Conax	Albanian
			My Music	TV	DVB	2/3	27.900	Conax	Albanian
Top News	TV	DVB	2/3	27.900	Conax	Albanian			

19 August 2010

Page 55 of 69

This document is provided for information purposes. No responsibility is taken for errors or omissions. Please note that most digital set top boxes (satellite receivers) are now fitted with a child protection function to prevent underage viewing of adult content. Features may vary according to manufacturer and model type but most boxes allow you to block unsuitable content. Contact your local dealer or installer to find out more.
Eutelsat S.A. - 70 rue Balard 75502 PARIS CEDEX 15 - Tel: 0153984747 - Fax: 0153983700 <http://www.eutelsat.com>

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC	MSy/s			
D 11.095	H	Fixed	Top Channel	TV	DVB	2/3	Y 27.900	Conax	Albanian
			Explorer Shkencë	TV	DVB	2/3	27.900	Conax	Albanian
			Explorer Histori	TV	DVB	2/3	27.900	Conax	Albanian
			Explorer Natyra	TV	DVB	2/3	27.900	Conax	Albanian
			Top Gold	radio	DVB	2/3	27.900	Conax	Albanian
			Top Albania Radio	radio	DVB	2/3	27.900		Albanian
			Radio My Music	radio	DVB	2/3	27.900		Albanian
			<u>Total TV</u>	package	DVB	2/3	27.300	Cryptoworks/Videoguard	
			MTV Adria	TV	DVB	2/3	Y 27.300	Videoguard	English
			Viasat Nature East	TV	DVB	2/3	27.300	Cryptoworks/Videoguard	English
			Zone Romantica Pan Europe	TV	DVB	2/3	27.300	Videoguard	English
			Motors TV	TV	DVB	2/3	27.300	Videoguard	English,Serbian
			The Fishing and Hunting Channel South East Europe	TV	DVB	2/3	27.300	Videoguard	English
			TV Spectrum	TV	DVB	2/3	27.300		Serbian
			Kanal D	TV	DVB	2/3	27.300	Videoguard	Serbian
			Free-X TV	TV	DVB	2/3	27.300	Cryptoworks/Videoguard	English
			Discovery Travel & Living Europe	TV	DVB	2/3	27.300	Cryptoworks/Videoguard	English
			Pink Folk	TV	DVB	2/3	27.300	Cryptoworks/Videoguard	Serbian
			Arena Sport 3	TV	DVB	2/3	27.300	Videoguard	Serbian
			The MGM Channel East Europe	TV	DVB	2/3	27.300	Videoguard	English
D 11.138	H	Balkan	<u>Total TV</u>	package	DVB	3/4	27.700	Conax/Cryptoworks/Videoguard	
			Fox Life Bulgaria	TV	DVB	3/4	27.700	Conax/Cryptoworks/Videoguard	Bulgarian
			TV Evropa	TV	DVB	3/4	27.700	Cryptoworks/Videoguard	Bulgarian
			Nova TV	TV	DVB	3/4	Y 27.700	Conax/Cryptoworks/Videoguard	Bulgarian
			MTV Europe	TV	DVB	3/4	27.700	Cryptoworks/Videoguard	English
			Fan TV	TV	DVB	3/4	27.700		Bulgarian
			Fox Life Regional	TV	DVB	3/4	27.700	Conax/Cryptoworks/Videoguard	English
			BTV Cinema	TV	DVB	3/4	27.700	Cryptoworks/Videoguard	Bulgarian,French
			NKTV Evrokomb	TV	DVB	3/4	Y 27.700	Conax/Cryptoworks/Videoguard	Bulgarian
			Fox Crime Bulgaria	TV	DVB	3/4	27.700	Cryptoworks/Videoguard	Bulgarian
			BBT	TV	DVB	3/4	27.700	Conax/Cryptoworks/Videoguard	Bulgarian
			Balkanika Music TV	TV	DVB	3/4	27.700		
			NBT	TV	DVB	3/4	27.700	Conax/Cryptoworks/Videoguard	Bulgarian
			Fox Crime Regional	TV	DVB	3/4	27.700	Conax/Cryptoworks/Videoguard	English
			ESPN America Europe	TV	DVB	3/4	27.700	Cryptoworks/Videoguard	English
			Radio 1 Rock	radio	DVB	3/4	27.700		Bulgarian
			Jazz FM Radio	radio	DVB	3/4	27.700		Bulgarian
			Darik Radio	radio	DVB	3/4	27.700		Bulgarian
			Radio Srbija	radio	DVB	3/4	27.700		
			Radjo Lojik	radio	DVB	3/4	27.700		Turkish
Hristo Botev	radio	DVB	3/4	27.700		Bulgarian			
Radio Z-Rock	radio	DVB	3/4	27.700		Bulgarian			
Ok Radio	radio	DVB	3/4	27.700		Serbian			
Radio Veronika	radio	DVB	3/4	27.700		Bulgarian			
D 11.178	V	Balkan	<u>Total TV</u>	package	DVB	3/4	27.500	Cryptoworks/Videoguard	
			Pink M	TV	DVB	3/4	Y 27.500	Videoguard	Serbian
			FTV SEE	TV	DVB	3/4	27.500		
			Pink Family	TV	DVB	3/4	27.500	Videoguard	Serbian
			PinKids	TV	DVB	3/4	27.500	Videoguard	Serbian
			Pink Music	TV	DVB	3/4	27.500	Cryptoworks/Videoguard	Serbian
			Pink Film	TV	DVB	3/4	27.500	Videoguard	Serbian
			Pink Movies	TV	DVB	3/4	27.500	Videoguard	Serbian
			Pink Srbija	TV	DVB	3/4	Y 27.500	Videoguard	Serbian
			Pink BH	TV	DVB	3/4	Y 27.500	Videoguard	Serbian
			Pink Extra	TV	DVB	3/4	27.500	Cryptoworks/Videoguard	Serbian
			Pink Plus	TV	DVB	3/4	Y 27.500	Cryptoworks/Videoguard	Serbian
			Pink Action	TV	DVB	3/4	27.500	Videoguard	Serbian
			Pink Radio	radio	DVB	3/4	27.500		Serbian
Radio Index	radio	DVB	3/4	27.500		Serbian			
D 11.475	V	Balkan	<u>TV Romania</u>	package	DVB	3/4	29.950		
			TVR 3	TV	DVB	3/4	Y 29.950		Romanian
			TVR Info	TV	DVB	3/4	Y 29.950		Romanian
			TVR Cultural	TV	DVB	3/4	Y 29.950		Romanian
			TVR 1	TV	DVB	3/4	Y 29.950	Viaccess 2.6	Romanian
			TVR International	TV	DVB	3/4	Y 29.950		Romanian
			TVR 2	TV	DVB	3/4	Y 29.950	Viaccess 2.6	Romanian
			România în direct	radio	DVB	3/4	29.950		Romanian
Radio România International	radio	DVB	3/4	29.950					
D 11.557	V	Balkan	<u>TV Romania</u>	package	DVB	3/4	29.950		
			TVR Iasi	TV	DVB	3/4	Y 29.950		Romanian

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio	MHz	Text	Access	Lang.
				Digital	FEC		MSy/s			
D 11.658	H	Fixed	TVR HD	TV	DVB	3/4	29.950	Viaccess 2.6		Romanian
			TVR Timisoara	TV	DVB	3/4	Y 29.950			Romanian
			TVR Craiova	TV	DVB	3/4	Y 29.950			Romanian
			TVR Cluj	TV	DVB	3/4	Y 29.950			Romanian
			TVR Tirgu-Mures	TV	DVB	3/4	Y 29.950			Romanian
			<u>DigitAlb</u>	package	DVB	2/3	27.900	Conax		
			T	TV	DVB	2/3	27.900			Albanian
			X2	TV	DVB	2/3	27.900	Conax		Albanian
			Film Hits	TV	DVB	2/3	27.900	Conax		English,Italian
			Film Thriller	TV	DVB	2/3	27.900	Conax		English,Italian
			Film Dramë	TV	DVB	2/3	27.900	Conax		English,Italian
			Film Aksion	TV	DVB	2/3	27.900	Conax		English,Italian
			Film Komedi	TV	DVB	2/3	27.900	Conax		English,Italian
			X1	TV	DVB	2/3	27.900	Conax		Albanian
			Top Gold	radio	DVB	2/3	27.900			Albanian
			D 12.525	H	Fixed	<u>STN</u>	package	DVB	3/4	30.000
Best of Macedonia	TV	DVB				3/4	30.000			Macedonian
EBF	TV	DVB				3/4	30.000			Bulgarian
Folklor TV	TV	DVB				3/4	30.000			Bulgarian
K-15 TV	TV	DVB				3/4	30.000			Macedonian
AB Kanal	TV	DVB				3/4	30.000	Irdeto 2/Videoguard		Macedonian
Site1 TV	TV	DVB				3/4	30.000	Irdeto 2/Videoguard		Macedonian
Alfa TV	TV	DVB				3/4	Y 30.000	Irdeto 2/Videoguard		Macedonian
MKTV Sat	TV	DVB				3/4	30.000			Macedonian
K-15 Music	TV	DVB				3/4	30.000			Macedonian
Svet Plus	TV	DVB				3/4	Y 30.000			Serbian
TV Duga Sat	TV	DVB				3/4	30.000			Serbian
EKids	TV	DVB				3/4	30.000			Bulgarian
TV Valentino	TV	DVB				3/4	30.000			Bosnian
Astro	TV	DVB				3/4	30.000			Serbian
Site1 3	TV	DVB				3/4	30.000	Irdeto 2/Videoguard		Macedonian
Top 3 Radio	radio	DVB				3/4	30.000			Serbian
Vikom Radio	radio	DVB				3/4	30.000			
Yu Planet Radio	radio	DVB				3/4	30.000			Serbian
Radio Svet Plus	radio	DVB				3/4	30.000			Serbian
Posavski Radio	radio	DVB				3/4	30.000			Croatian
Tref Radio	radio	DVB				3/4	30.000			Serbian
Radio Plehan	radio	DVB				3/4	30.000			Croatian
Radio Glas Drine	radio	DVB				3/4	30.000			Bosnian
Radio Posavina	radio	DVB				3/4	30.000			Croatian
Radio 1	radio	DVB				3/4	30.000			Slovenian
Radio Biser Posavine	radio	DVB				3/4	30.000			
Radio Ognjisce	radio	DVB				3/4	30.000			Slovenian
Radio Valentino	radio	DVB				3/4	30.000			Bosnian
Kiss Rom	radio	DVB				3/4	30.000			Serbian
Kiss Radio	radio	DVB				3/4	30.000			Serbian
Radio Grand	radio	DVB				3/4	30.000			Serbian
Doina Radio	radio	DVB	3/4	30.000			Serbian			
VIP Radio	radio	DVB	3/4	30.000			Serbian			

W2M (16°EAST)

D 10.972	V	Wide	<u>Total TV</u>	package	DVB	3/4	27.500	Cryptoworks/Videoguard				
			X-Dream TV	TV	DVB	3/4	27.500	Cryptoworks/Videoguard		English		
			Discovery Channel Europe	TV	DVB	3/4	27.500	Videoguard		English		
			Animal Planet Europe	TV	DVB	3/4	27.500	Videoguard		English		
			Film + Serbia	TV	DVB	3/4	27.500	Videoguard		Serbian		
			Minimax Romania	TV	DVB	3/4	27.500	Videoguard		Serbian		
			E! EMEA	TV	DVB	3/4	27.500	Cryptoworks/Videoguard		English		
			Sci Fi Channel East Europe	TV	DVB	3/4	27.500	Videoguard		English		
			Free-X TV 2	TV	DVB	3/4	27.500	Cryptoworks/Videoguard		English		
			TV 1000 Balkan	TV	DVB	3/4	27.500	Cryptoworks/Videoguard		English		
			Viasat Explorer	TV	DVB	3/4	27.500	Cryptoworks/Videoguard		English		
			Viasat History	TV	DVB	3/4	27.500	Cryptoworks/Videoguard		English		
			Cinemax Central Europe	TV	DVB	3/4	27.500	Videoguard		Serbian,Croatian,Slovenian,Bulgarian		
			Eurosport	TV	DVB	3/4	Y 27.500	Cryptoworks/Videoguard		Serbian,English,Bulgarian		
			D 11.011	V	Wide	<u>Total TV</u>	package	DVB	3/4	27.500	Conax/Cryptoworks/Videoguard	
						Diema	TV	DVB	3/4	27.500	Cryptoworks/Videoguard	
Pro.bg	TV	DVB				3/4	27.500	Cryptoworks/Videoguard		Bulgarian		
BTB	TV	DVB				3/4	27.500	Cryptoworks/Videoguard		Bulgarian		

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.			
				Digital	FEC	MSy/s						
D 11.283	H	Wide	Premium Digital	TV	DVB	3/4	27.500	Cryptoworks/Videoguard	Bulgarian			
			Disney Channel Romania & Bulgaria	TV	DVB	3/4	27.500	Cryptoworks/Videoguard	Bulgarian,Romanian			
			Fiesta TV	TV	DVB	3/4	27.500	Cryptoworks/Videoguard	Bulgarian			
			Ring.bg	TV	DVB	3/4	27.500	Cryptoworks/Videoguard	Bulgarian			
			Hustler TV Europe	TV	DVB	3/4	27.500	Cryptoworks/Videoguard	English			
			Diema F	TV	DVB	3/4	27.500	Cryptoworks/Videoguard	Bulgarian			
			Animal Planet Europe	TV	DVB	3/4	27.500	Cryptoworks/Videoguard	English			
			TV 7	TV	DVB	3/4	27.500	Cryptoworks/Videoguard	Bulgarian			
			Discovery Channel Bulgaria	TV	DVB	3/4	27.500	Cryptoworks/Videoguard	Bulgarian,English			
			Diema 2	TV	DVB	3/4	27.500	Cryptoworks/Videoguard	Bulgarian			
			National Geographic Channel Bulgaria	TV	DVB	3/4	27.500	Conax/Cryptoworks/Videoguard	English,Bulgarian			
			BNT 1	TV	DVB	3/4	27.500	Cryptoworks/Videoguard	Bulgarian			
			BNT Sat	TV	DVB	3/4	27.500		Bulgarian			
			VTV	TV	DVB	3/4	27.500		Bulgarian			
			Radyo Lojik	radio	DVB	3/4	27.500		Turkish			
			Horizont	radio	DVB	3/4	27.500		Bulgarian			
			<u>Tring Digital</u>	package	DVB	5/6	27.500	Conax				
			Tring Tring	TV	DVB	5/6	27.500	Conax	Albanian			
			Tring Sport News	TV	DVB	5/6	27.500	Conax	Albanian			
			Disney XD Middle East	TV	DVB	5/6	27.500	Conax/Cryptoworks	English,Bulgarian			
			Tring Planet	TV	DVB	5/6	27.500	Conax	English			
			Hustler TV Europe	TV	DVB	5/6	27.500	Conax	English			
			Scan TV	TV	DVB	5/6	27.500	Conax	Albanian			
			VIP Shpija	TV	DVB	5/6	27.500	Conax	Albanian			
			Kohavision	TV	DVB	5/6	27.500	Conax	Albanian			
			Tring Max	TV	DVB	5/6	27.500	Conax	Albanian			
			RTV 21 Sat	TV	DVB	5/6	27.500	Conax	Albanian			
			MTV Europe	TV	DVB	5/6	27.500	Conax	English			
			Kanali 7	TV	DVB	5/6	27.500		Albanian			
			Tring Shqip	TV	DVB	5/6	27.500	Conax	Albanian			
			Tring World	TV	DVB	5/6	27.500	Conax	Albanian			
			3 Plus	TV	DVB	5/6	27.500	Conax	Albanian			
			Folk +	TV	DVB	5/6	27.500		Albanian			
			Tring Super	TV	DVB	5/6	27.500	Conax	Albanian			
			Club TV	TV	DVB	5/6	27.500	Conax	Albanian			
			Tring Life	TV	DVB	5/6	27.500	Conax	Albanian			
			Vizion Plus	TV	DVB	5/6	27.500		Albanian			
			Tring Comedy	TV	DVB	5/6	27.500	Conax	Albanian			
			VH1 Europe A	TV	DVB	5/6	27.500	Conax	English			
			Club FM	radio	DVB	5/6	27.500		Albanian			
			+2 Radio	radio	DVB	5/6	27.500					
			NRG Radio Albania	radio	DVB	5/6	27.500		Albanian			
			D 11.492	H	Madagascar	<u>Parabole Océan Indien</u>	package	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	
						Antenne Réunion	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
						Discovery Real Time France	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
						Cinecinema Famiz	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
						Mangas	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
						RFO Tempo	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
						Télé Réunion	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
						Discovery Channel France	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
						SuperSport 3 Africa	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	English
						RTL 9	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
						BFM TV	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
						Chasse & Pêche	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
						Noot TV	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			Cinecinema Émotion	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French			
			TF 1	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French			
			Cinecinema Frisson	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French			
			Cinecinema Star	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French			
			TF 6	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French			
			TéléToon France	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French			
			Série Club	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French			
			Téva	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French			
			Disney XD France	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French			
			Cinecinema Premier	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French			
			Cinecinema Classic	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French			
			Chérie FM	radio	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French			
			Exo FM	radio	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French			
			NRJ Réunion	radio	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
D 11.554	H	Madagascar	Koi FM	radio	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			Radio Festival	radio	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			Kréol FM	radio	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			RER	radio	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			Radio One	radio	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			<u>CanalSat Réunion</u>	package	DVB	3/4	30.000	Mediaguard 2	
			Canal J	TV	DVB	3/4	30.000	Mediaguard 2	French
			L'Équipe TV	TV	DVB	3/4	30.000	Mediaguard 2	French
			LCI	TV	DVB	3/4	30.000	Mediaguard 2	French
			Paris Première	TV	DVB	3/4	30.000	Mediaguard 2	French
			Disney Channel France	TV	DVB	3/4	30.000	Mediaguard 2	French
			Trace TV	TV	DVB	3/4	30.000	Mediaguard 2	French
			France Ô	TV	DVB	3/4	30.000	Mediaguard 2	French
			Eurosport France	TV	DVB	3/4	30.000	Mediaguard 2	French
			W9	TV	DVB	3/4	30.000	Mediaguard 2	French
			TCM France	TV	DVB	3/4	30.000	Mediaguard 2	French,English
			Voyage	TV	DVB	3/4	30.000	Mediaguard 2	French
			+ de Sport 2	TV	DVB	3/4	30.000	Mediaguard 2	French
			Planète France	TV	DVB	3/4	30.000	Mediaguard 2	French
			MCM France	TV	DVB	3/4	30.000	Mediaguard 2	French
			RFO Tempo	TV	DVB	3/4	30.000	Mediaguard 2	French
			TMC	TV	DVB	3/4	30.000	Mediaguard 2	French
			↳Télé	TV	DVB	3/4	30.000	Mediaguard 2	French
			TV 5 Monde Afrique	TV	DVB	3/4	30.000	Mediaguard 2	French
			13ème Rue	TV	DVB	3/4	30.000	Mediaguard 2	French
D 11.596	H	Madagascar	<u>Parabole Océan Indien</u>	package	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	
			M6 Music Hits	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			Odyssée	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			TPS Foot	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			M6	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			Comedie	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			Piwi	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			AB Moteurs	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			Star Plus	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	Hindi
			M6 Music Black	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			SuperSport 7 Africa	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	English
			LCI	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			TPS Star	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			TV Breizh	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	
			Equidia	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			Eurosport 2	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			Planète Justice	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			Escales	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			InfoSport	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			Eurosport France	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			CNN International	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	English
			Disney XD France	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			LCP	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			Europe 1	radio	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			RTL	radio	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			Radio Classique	radio	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			Europe 1 Sport	radio	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			RCF	radio	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			Free Dom	radio	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			Radio Réunion	radio	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			Nostalgie la légende	radio	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			Gasy Radio	radio	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	
			Radio Tana	radio	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	
			Top FM	radio	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	
			Radio Musique Infos Mayotte	radio	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	
Radio Plus FM	radio	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French			

ATLANTIC BIRD™ 1 (12.5°WEST)

D 11.179	V	Europe	<u>Overon</u>	package	DVB-S2	2/3	22.400	Viaccess 2.5/Viaccess 2.6/BISS	
			Fox Life Greece	TV	DVB-S2	2/3	22.400	BISS	Greek,English
			Canal Català TV	TV	DVB-S2	2/3	22.400		Catalan
			National Geographic Channel HD	TV	DVB-S2	2/3	22.400	Viaccess 2.6	Spanish,English,English,Turkish,Russian
			Russia & Turkey						
			FX Greece	TV	DVB-S2	2/3	22.400	BISS	Greek,English

Freq (GHz)	Pol	Beam	Channel	Analogue Audio MHz		Text MSy/s	Access	Lang.
				Digital	FEC			
			National Geographic Channel Portugal	TV	DVB-S2	2/3	22.400 Viaccess 2.5	Portuguese,English
			National Geographic Channel Deutschland	TV	DVB-S2	2/3	22.400 Viaccess 2.5	German
			Fox Deutschland	TV	DVB-S2	2/3	22.400 Viaccess 2.5	German,English
			AXN Portugal	TV	DVB-S2	2/3	22.400 Viaccess 2.6	Portuguese
			Animax Iberia	TV	DVB-S2	2/3	22.400 Viaccess 2.5	Portuguese
			National Geographic Channel Türkiye	TV	DVB-S2	2/3	22.400 Viaccess 2.5	Turkish,English
			SET Portugal	TV	DVB-S2	2/3	22.400 Viaccess 2.6	Portuguese
			Nat Geo Adventure	TV	DVB-S2	2/3	22.400 Viaccess 2.5	English,Turkish
D 11.408	V	Europe	Skylogic	interacti	DVB	3/4	27.500	
D 11.428	H	Europe	OpenSky	interacti	DVB	5/6	30.000	
D 12.515	H	Europe	<u>Telecom Italia Media</u>	package	DVB	3/4	17.455 Irdeto 2	
			Dahlia Adult 3	TV	DVB	3/4	17.455 Irdeto 2	Italian
			Dahlia Explorer	TV	DVB	3/4	17.455 Irdeto 2	Italian
			La 7	TV	DVB	3/4	Y 17.455	Italian
			K2	TV	DVB	3/4	17.455	Italian
			Dahlia Extra	TV	DVB	3/4	17.455 Irdeto 2	Italian
			Dahlia Sport	TV	DVB	3/4	17.455 Irdeto 2	Italian
			Dahlia Xtreme	TV	DVB	3/4	17.455 Irdeto 2	Italian
			Dahlia Eros	TV	DVB	3/4	17.455 Irdeto 2	Italian
			Dahlia Adult 2	TV	DVB	3/4	17.455 Irdeto 2	Italian
			Dahlia promo	TV	DVB	3/4	17.455	Italian
			Dahlia Adult	TV	DVB	3/4	17.455 Irdeto 2	Italian
D 12.545	H	Europe	<u>Telecom Italia Media</u>	package	DVB	3/4	17.455	
			La 5	TV	DVB	3/4	17.455	Italian
			Mya +1	TV	DVB	3/4	17.455 Nagravision 3	Italian
			MTV Italia	TV	DVB	3/4	Y 17.455	Italian
			La 7 d	TV	DVB	3/4	17.455	Italian
			Palermo Channel TV	TV	DVB	3/4	17.455 Irdeto 2	Italian
			Sportitalia	TV	DVB	3/4	17.455	Italian
			Sportitalia 2	TV	DVB	3/4	17.455	Italian
D 12.718	H	Europe	La 5	TV	DVB-S2	2/3	36.510	Italian
D 12.718	H	Europe	MTV Italia	TV	DVB-S2	2/3	36.510	Italian
D 12.718	H	Europe	La 7	TV	DVB-S2	2/3	36.510	Italian

ATLANTIC BIRD 2 (8°WEST)

D 11.133	H	Europe	SkyDSL	interacti	DVB-S2	2/3	17.000	
D 11.178	H	Europe	<u>Orbit Showtime Network</u>	package	DVB	3/4	27.500 Irdeto 2/Mediaguard 2	
			Pinoy Extreme	TV	DVB	3/4	27.500 Irdeto 2/Mediaguard 2	Tagalog
			Cinema 1	TV	DVB	3/4	27.500 Irdeto 2/Mediaguard 2	Arabic
			Arabic Series +4	TV	DVB	3/4	27.500 Irdeto 2/Mediaguard 2	Arabic
			GMA Pinoy TV Europe	TV	DVB	3/4	27.500 Irdeto 2/Mediaguard 2	Tagalog
			Al Yawm	TV	DVB	3/4	27.500 Irdeto 2/Mediaguard 2	Arabic
			Al Safwa	TV	DVB	3/4	27.500 Irdeto 2/Mediaguard 2	Arabic
			Fann	TV	DVB	3/4	27.500 Irdeto 2/Mediaguard 2	Arabic
			GMA Life TV	TV	DVB	3/4	27.500 Irdeto 2/Mediaguard 2	Tagalog
			Cinema 2	TV	DVB	3/4	27.500 Irdeto 2/Mediaguard 2	Arabic,English
			DWLS FM	radio	DVB	3/4	27.500 Irdeto 2/Mediaguard 2	Tagalog
D 11.554	V	Middle Eas	<u>Gulfsat</u>	package	DVB	3/4	27.500	
			Alwatan Ghanawi TV	TV	DVB	3/4	27.500	Arabic
			Channel 4 Teen	TV	DVB	3/4	27.500	
			Suhail TV	TV	DVB	3/4	27.500	
			Alwatan TV	TV	DVB	3/4	27.500	Arabic
			Al Bawadi TV	TV	DVB	3/4	27.500	
			Rawasy TV	TV	DVB	3/4	27.500	Arabic
			Ana TV Channel	TV	DVB	3/4	27.500	
			Al-Zahra TV	TV	DVB	3/4	27.500	Arabic
			Al Shahid TV	TV	DVB	3/4	27.500	Arabic
			Al-Arab Channel	TV	DVB	3/4	27.500	Arabic
			Q8 Vote promo	TV	DVB	3/4	27.500	Arabic
			Alwatan Plus	TV	DVB	3/4	27.500	Arabic
D 11.595	V	Middle Eas	<u>Gulfsat</u>	package	DVB	3/4	27.500	
			Al Anwar TV 2	TV	DVB	3/4	27.500	Arabic
			Tayba TV	TV	DVB	3/4	27.500	Arabic
			Al Awhad	TV	DVB	3/4	27.500	Arabic
			Ritmo TV	TV	DVB	3/4	27.500	Arabic
			Ebony promo	TV	DVB	3/4	27.500	Arabic
			Alwatan Galtah	TV	DVB	3/4	27.500	Arabic

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio	Text MSy/s	Access	Lang.
				Digital	FEC	MHz			
			Alatta TV promo	TV	DVB	3/4	27.500		Arabic
ATLANTIC BIRD™ 3 (5°WEST)									
D 10.972	V	Super	<u>Fransat</u>	package	DVB	7/8	29.950	Viaccess 3.0/Viaccess 4.0	
			France 3 Côte d'Azur	TV	DVB	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
			France 3 Picardie	TV	DVB	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
			France 3 Franche-Comté	TV	DVB	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
			France 3 Aquitaine	TV	DVB	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
			France 3 Languedoc	TV	DVB	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
			France 3 Basse-Normandie	TV	DVB	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
			France 3 Limousin	TV	DVB	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
			France 3 Nord-Pas de Calais	TV	DVB	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
			France 3 Alpes	TV	DVB	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
			France 3 Bourgogne	TV	DVB	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
			France 3 Auvergne	TV	DVB	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
			TéléGrenoble Isère	TV	DVB	7/8	29.950		French
			France 3 Rhône-Alpes	TV	DVB	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
D 11.054	V	Super	<u>Eutelsat</u>	package	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	
			France 3 Provence-Alpes	TV	DVB	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
			France 3 Bretagne	TV	DVB	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
			France 3 Champagne-Ardenne	TV	DVB	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
			France 3 Poitou-Charentes	TV	DVB	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
			France 3 Lorraine	TV	DVB	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
			France 3 Haute-Normandie	TV	DVB	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
			France 3 Centre	TV	DVB	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
			Ma Chaîne Étudiante	TV	DVB	7/8	29.950	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	French
			France 3 Pays de la Loire	TV	DVB	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
			France 3 Paris IdF	TV	DVB	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
			France 3 Alsace	TV	DVB	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
			France 3 Midi-Pyrénées	TV	DVB	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
			France 3 Corse Via Stella	TV	DVB	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
			Equidia	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
D 11.065	H	Algeria	<u>TDA</u>	package	DVB	3/4	18.085		
			ENTV	TV	DVB	3/4	18.085	BISS	Arabic
			Thalitha TV	TV	DVB	3/4	18.085		Arabic
			Canal Algérie	TV	DVB	3/4	18.085		Arabic
			Algérie 5	TV	DVB	3/4	18.085		Arabic
			Algérie 4	TV	DVB	3/4	18.085		
			Radio Saoura	radio	DVB	3/4	18.085		
			Chaîne 1	radio	DVB	3/4	18.085		Arabic
			Radio Adrar	radio	DVB	3/4	18.085		Arabic
			Radio Souf	radio	DVB	3/4	18.085		
			Radio Souk Ahras	radio	DVB	3/4	18.085		Arabic
			Chaîne 2	radio	DVB	3/4	18.085		Berber
			Radio Ghardaïa	radio	DVB	3/4	18.085		Arabic
			Radio Tindouf	radio	DVB	3/4	18.085		Arabic
			Chaîne 3	radio	DVB	3/4	18.085		French
			Radio Ahaggar	radio	DVB	3/4	18.085		Arabic
			Radio Illizi	radio	DVB	3/4	18.085		
			Radio Batna	radio	DVB	3/4	18.085		
			Radio Naama	radio	DVB	3/4	18.085		
			Radio Sahel	radio	DVB	3/4	18.085		
			Radio Tlemcen	radio	DVB	3/4	18.085		
			Radio Algérie Internationale	radio	DVB	3/4	18.085		
			Radio Jijel	radio	DVB	3/4	18.085		
			Radio Essouhoub	radio	DVB	3/4	18.085		
D 11.096	V	Super	<u>Fransat</u>	package	DVB	7/8	29.950	Viaccess 2.5/Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	
			ARTE Français	TV	DVB	7/8	29.950	Viaccess 4.0	French,German
			NRJ Paris	TV	DVB	7/8	29.950		French
			TV 8 Mont Blanc	TV	DVB	7/8	29.950		French
			KTO	TV	DVB	7/8	29.950		French
			Normandie TV	TV	DVB	7/8	29.950		French
			M6	TV	DVB	7/8	29.950	Viaccess 4.0	French
			France 2	TV	DVB	7/8	29.950	Viaccess 2.6/Viaccess 4.0	French
			TF 1	TV	DVB	7/8	29.950	Viaccess 4.0	French
			France Ô	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	French
D 11.471	V	Super	<u>Orange</u>	package	DVB-S2	2/3	29.950	Viaccess 3.0	
			Boing Italia	TV	DVB-S2	2/3	29.950	Viaccess 3.0	Italian

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio	Text	Access	Lang.
				Digital	MHz	FEC			
D 11.512	V	Super	Orange cinemax	TV	DVB-S2	2/3	29.950	Viaccess 3.0	French,English
			Orange sport	TV	DVB-S2	2/3	29.950	Viaccess 3.0	French
			TéléToon France	TV	DVB-S2	2/3	29.950	Viaccess 3.0	French
			↳Télé	TV	DVB-S2	2/3	29.950	Viaccess 3.0	French
			Canal + France	TV	DVB-S2	2/3	29.950	Viaccess 3.0	French
			W9	TV	DVB-S2	2/3	29.950	Viaccess 3.0	French
			M6	TV	DVB-S2	2/3	Y 29.950	Viaccess 3.0	French
			Orange cinegeants	TV	DVB-S2	2/3	29.950	Viaccess 3.0	French,English
			Orange cinenovoc	TV	DVB-S2	2/3	29.950	Viaccess 3.0	French,English
			Orange cinechoc	TV	DVB-S2	2/3	29.950	Viaccess 3.0	French,English
			Orange cinehappy	TV	DVB-S2	2/3	29.950	Viaccess 3.0	French,English
			KidsCo	TV	DVB-S2	2/3	29.950	Viaccess 3.0	French
			Piwi	TV	DVB-S2	2/3	29.950	Viaccess 3.0	French
			Bis	package	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	
			Encyclo	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0	French
			Escales	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0	French
			Chasse & Pêche	TV	DVB	7/8	29.950	Viaccess 2.5	French
			XXL	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0	French
			Ciné Polar	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0	French
			Ciné FX	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0	French
			Ciné First	TV	DVB	7/8	29.950	Viaccess 2.5	French
			Action	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0	French
			Dorcel TV	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French,German,English
			Animaux	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0	French
			TV 5 Monde FBS	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
			Game One	TV	DVB	7/8	29.950	Viaccess 2.5	French
			Orange sport info	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0	French
			AB Moteurs	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0	French
			AB 1	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0	French
			Mangas	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0	French
			RTL 9	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0	French
			Toute l'Histoire	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0	French
			D 11.554	V	Super	Fransat	package	DVB	7/8
Gulli	TV	DVB				7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
Direct 8	TV	DVB				7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
W9	TV	DVB				7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
M6	TV	DVB				7/8	Y 29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
TF 1	TV	DVB				7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
ARTE Français	TV	DVB				7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French,German
TMC	TV	DVB				7/8	29.950		French
NT1	TV	DVB				7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
NRJ 12	TV	DVB				7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
France 4	TV	DVB				7/8	29.950	Viaccess 2.5/Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	French
BFM TV	TV	DVB				7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
Virgin 17	TV	DVB				7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
↳Télé	TV	DVB				7/8	29.950	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	French
France TV	package	DVB				2/3	20.000		
France 2	TV	DVB				2/3	20.000		French
France 3 Sat	TV	DVB				2/3	Y 20.000		French
France 5	TV	DVB	2/3	20.000		French			
France Ô	TV	DVB	2/3	20.000		French			
LCP	TV	DVB	2/3	20.000		French			
A 11.637	V	Super	TF 1 3D	TV	DVB-S2	2/3	30.000	Viaccess 4.0	French
			M6	TV	SECAM	5.80	Y		French
D 12.543	H	Super	GlobeCast	package	DVB	3/4	27.500		
			France Bleu	radio	DVB	3/4	27.500		French
			FIP	radio	DVB	3/4	27.500		French
			France Bleu Frequenza Mora	radio	DVB	3/4	27.500		French
			France Bleu Île de France	radio	DVB	3/4	27.500		French
			Radio GiFi	radio	DVB	3/4	27.500		
			Lloydspharmacy Live	radio	DVB	3/4	27.500	Viaccess 2.4	
			RCF Parabole Dijon	radio	DVB	3/4	27.500		French
			RCF Vivarais	radio	DVB	3/4	27.500		French
			Capitol	radio	DVB	3/4	27.500		French
			RCF Pays d'Aude	radio	DVB	3/4	27.500		French
			RCF Berry	radio	DVB	3/4	27.500		French
			RCF Correze	radio	DVB	3/4	27.500		French
			RCF Région 26	radio	DVB	3/4	27.500		French
			RCF Région 41	radio	DVB	3/4	27.500		French

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC	MSy/s			
			RCF Savoie	radio	DVB	3/4	27.500		French
			RCF	radio	DVB	3/4	27.500		French
			RCF Lyon Fourvière	radio	DVB	3/4	27.500		French
			RCF Lumières	radio	DVB	3/4	27.500		French
			RCF Saint Martin	radio	DVB	3/4	27.500		French
			RCF Reims Ardennes	radio	DVB	3/4	27.500		French
			Fréquence But	radio	DVB	3/4	27.500		French
			RCF Pays de l'Ain	radio	DVB	3/4	27.500		French
			Radio Soleil	radio	DVB	3/4	27.500		
			SPAR Live	radio	DVB	3/4	27.500	Viaccess 2.4	
			RCF Le Puy en Velay	radio	DVB	3/4	27.500		French
			Fréquence Conforama	radio	DVB	3/4	27.500		French
			RCF Haute Normandie	radio	DVB	3/4	27.500		French
			RCF Besançon	radio	DVB	3/4	27.500		French
			RCF Haute Alpes	radio	DVB	3/4	27.500		French
			RCF Bordeaux	radio	DVB	3/4	27.500		French
			RCF Jerico Nancy	radio	DVB	3/4	27.500		French
			RCF Haute Savoie	radio	DVB	3/4	27.500		French
A 12.564	V	Super	France 2	TV	SECAM	5.80	Y		French
A 12.606	V	Super	France 5	TV	SECAM	5.80	Y		French
A 12.606	V	Super	ARTE Français	TV	SECAM	5.80	Y		French
A 12.648	V	Super	Canal + France	TV	SECAM	60,7.02/7.20	Y	Nagravision	French
A 12.690	V	Super	TF 1	TV	SECAM	5.80	Y		French
D 12.711	H	Wide	<u>ABS-CBN</u>	package	DVB	1/2	30.000	Irdeto 2	
			Kapamilya Channel	TV	DVB	1/2	30.000	Irdeto 2	Tagalog
			TFC Europe	TV	DVB	1/2	30.000	Irdeto 2	Tagalog
			DZMM TeleRadyo	TV	DVB	1/2	30.000	Irdeto 2	Tagalog
			ANC	TV	DVB	1/2	30.000	Irdeto 2	English
			TFC Middle East	TV	DVB	1/2	30.000	Irdeto 2	Tagalog
			Cinema One	TV	DVB	1/2	30.000	Irdeto 2	Tagalog
			DZMM	radio	DVB	1/2	30.000	Irdeto 2	Tagalog
			Tambayan 101.9	radio	DVB	1/2	30.000	Irdeto 2	Tagalog
A 12.732	V	Super	France 3 Sat	TV	SECAM	5.80	Y		French

ATLANTIC BIRD™ 4A (7°WEST)

D 10.719	V	Middle Eas	<u>Nilesat</u>	package	DVB	3/4	27.500		
			Korea TV	TV	DVB	3/4	27.500		Arabic
			Alafasy 2	TV	DVB	3/4	27.500		Arabic
			Majan	TV	DVB	3/4	27.500		Arabic
			Selaa TV	TV	DVB	3/4	27.500		Arabic
			AhluBayt Satellite Channel	TV	DVB	3/4	27.500		Arabic
			Al Mansour TV promo	TV	DVB	3/4	27.500		Arabic
			Al Shabab TV	TV	DVB	3/4	27.500		Arabic
			Baraem	TV	DVB	3/4	27.500		Arabic
			Al Fardeen TV	TV	DVB	3/4	27.500		Arabic
			Press TV	TV	DVB	3/4	27.500		English
D 10.723	H	Middle Eas	<u>STN</u>	package	DVB	3/4	27.500		
			Al Ataa TV	TV	DVB	3/4	27.500		Arabic
			Al Anwar TV 2	TV	DVB	3/4	27.500		Arabic
			Hodhod TV	TV	DVB	3/4	27.500		Arabic
			Al Islah TV	TV	DVB	3/4	27.500		Arabic
			Natural TV	TV	DVB	3/4	27.500		Turkish
			Layalina	TV	DVB	3/4	27.500		Arabic
			Alwatan TV	TV	DVB	3/4	27.500		Arabic
			Radio Almahabba 2	radio	DVB	3/4	27.500		Arabic
D 10.758	V	Middle Eas	<u>Nilesat</u>	package	DVB	3/4	27.500		
			Al Maaly TV	TV	DVB	3/4	27.500		Arabic
			Almajd Al Hadeeth Al Nabawy	TV	DVB	3/4	27.500		Arabic
			Education Channel 5	TV	DVB	3/4	27.500		Arabic
			Sada TV	TV	DVB	3/4	27.500		Arabic
			Motor TV	TV	DVB	3/4	27.500		Arabic
			OK TV	TV	DVB	3/4	27.500		Arabic
			Auto 1 TV	TV	DVB	3/4	27.500		Arabic
			Safa TV	TV	DVB	3/4	27.500		Arabic
			Education Channel 6	TV	DVB	3/4	27.500		Arabic
			Al Soyoof TV	TV	DVB	3/4	27.500		Arabic
			Mawaheb wa Afkar	TV	DVB	3/4	27.500		Arabic
			Bin Othaimen	TV	DVB	3/4	27.500		Arabic
			Future International	TV	DVB	3/4	27.500		Arabic

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC	MSy/s			
D 10.775	H	Middle Eas	<u>Nilesat</u>	package	DVB	3/4	27.500		
			Al Sehad wa al Jamal TV	TV	DVB	3/4	27.500		Arabic
			Tunisie 21	TV	DVB	3/4	27.500		Arabic
			Al Iraq Al Tarbawiyah	TV	DVB	3/4	27.500		Arabic
			Cairo Cinema	TV	DVB	3/4	27.500		Arabic
			Panorama Drama 2	TV	DVB	3/4	27.500		Arabic
			Al Farashah	TV	DVB	3/4	27.500		Arabic
			Diewan Alarab TV	TV	DVB	3/4	27.500		Arabic
			Al Ghadeer Satellite Channel	TV	DVB	3/4	27.500		Arabic
			Cairo Drama	TV	DVB	3/4	27.500		Arabic
			Al-Qiethara TV	TV	DVB	3/4	27.500		Arabic
			D 10.796	V	Middle Eas	<u>Nilesat</u>	package	DVB	3/4
KurdSat	TV	DVB				3/4	27.500		Kurdish
Massaya TV	TV	DVB				3/4	27.500		Arabic
Al Tejarah TV	TV	DVB				3/4	27.500		Arabic
Al Amaken Satellite Channel	TV	DVB				3/4	27.500		Arabic
Al Khalijiyah	TV	DVB				3/4	27.500		Arabic
Oman TV 2	TV	DVB				3/4	27.500		Arabic
Melody Drama +2	TV	DVB				3/4	27.500		English
Al Emarah	TV	DVB				3/4	27.500		Arabic
Addounia TV	TV	DVB				3/4	27.500		Arabic
Zagros TV	TV	DVB				3/4	27.500		Kurdish
Tunisie 7	TV	DVB				3/4	27.500		Arabic
TV Alahad	TV	DVB				3/4	27.500		Arabic
Al Mukhtalif	TV	DVB				3/4	27.500		Arabic
Radio Nationale	radio	DVB				3/4	27.500		Arabic
Radio Tunis Chaîne Internationale	radio	DVB				3/4	27.500		
Radio Zitouna FM	radio	DVB				3/4	27.500		Arabic
Tunisie Culture	radio	DVB				3/4	27.500		Arabic
A 10.834	V	Middle Eas				<u>Orbit Showtime Network</u>	package	DVB-S2	2/3
			Outdoor Channel	TV	DVB-S2	2/3	27.500	Betacrypt	English
			Nat Geo Wild HD	TV	DVB-S2	2/3	27.500	Betacrypt	English
			Food Network HD	TV	DVB-S2	2/3	27.500	Betacrypt	English
			ShowSports 1 HD	TV	DVB-S2	2/3	27.500	Betacrypt	English
			OSN Movies HD	TV	DVB-S2	2/3	27.500	Betacrypt	English
D 10.873	V	Middle Eas	<u>Noorsat</u>	package	DVB	3/4	27.500		
			NART TV	TV	DVB	3/4	27.500		Arabic
			Al Entekhabiyah Al Ordoniyah	TV	DVB	3/4	27.500		Arabic
			Awal TV	TV	DVB	3/4	27.500		Arabic
			Nour TV	TV	DVB	3/4	27.500		Farsi
			All TV	TV	DVB	3/4	27.500		Arabic
			Al Arrab TV	TV	DVB	3/4	27.500		Arabic
			Siba TV promo	TV	DVB	3/4	27.500		Arabic
			Al Haqeeqa al Dawliyah	TV	DVB	3/4	27.500		Arabic
			Zweina Baladna	TV	DVB	3/4	27.500		Arabic
			Al Hayat	TV	DVB	3/4	27.500		Arabic
			Sokar	TV	DVB	3/4	27.500		Arabic
			Speda Channel	TV	DVB	3/4	27.500		Arabic
			Ahlulbayt TV	TV	DVB	3/4	27.500		English
			ANB	TV	DVB	3/4	27.500		Arabic
			Al Zeraah	TV	DVB	3/4	27.500		Arabic
			Al Soufia	TV	DVB	3/4	27.500		Arabic
			Al Maaref Radio	radio	DVB	3/4	27.500		Arabic
D 10.892	H	Middle Eas	<u>Noorsat</u>	package	DVB	3/4	27.500		
			Nadi El Asdikaa	TV	DVB	3/4	27.500		Arabic
			Oscar Drama	TV	DVB	3/4	27.500		Arabic
			Alhayat Cinema	TV	DVB	3/4	27.500		Arabic
			Al-Alamia	TV	DVB	3/4	27.500		Arabic
			Alhayat Mosalsalat	TV	DVB	3/4	27.500		Arabic
			RT Arabic	TV	DVB	3/4	27.500		Arabic
			Vin TV	TV	DVB	3/4	27.500		Kurdish
			Zweina Baladna	TV	DVB	3/4	27.500		Arabic
			Al Rasheed TV	TV	DVB	3/4	27.500		Arabic
			Mix TV	TV	DVB	3/4	27.500		Arabic
			OTV	TV	DVB	3/4	27.500		Arabic
			KNN Channel	TV	DVB	3/4	27.500		Kurdish
			UM TV	TV	DVB	3/4	27.500		Arabic
			Gali Kurdistan	TV	DVB	3/4	27.500		Kurdish
			Al Motawssit	TV	DVB	3/4	27.500		Arabic
			Karbala Satellite Channel	TV	DVB	3/4	27.500		Arabic

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.				
				Digital	FEC								
D 10.911	V	Middle Eas	Al Rasheed FM	radio	DVB	3/4	27.500						
			Radio Nawa Kurdish	radio	DVB	3/4	27.500		Kurdish				
			Noorsat	package	DVB	3/4	27.500						
			Wesal TV	TV	DVB	3/4	27.500			Arabic			
			Al Mustakillah TV	TV	DVB	3/4	27.500			Arabic			
			TRT Arapça	TV	DVB	3/4	27.500			Arabic			
			Auto Moto TV	TV	DVB	3/4	27.500			Arabic			
			Thaqalayn TV	TV	DVB	3/4	27.500						
			Al Tarbaweyah al Soriyah	TV	DVB	3/4	27.500			Arabic			
			Orient TV	TV	DVB	3/4	27.500			Arabic			
			Soufia Channel TV	TV	DVB	3/4	27.500			Arabic			
			Tawazon TV	TV	DVB	3/4	27.500			Arabic			
			Syria Drama	TV	DVB	3/4	27.500			Arabic			
			Abu Dhabi Al Emarat	TV	DVB	3/4	27.500			Arabic			
			Abu Dhabi Al Oula +1	TV	DVB	3/4	27.500			Arabic			
			Al Fayhaa TV	TV	DVB	3/4	27.500			Arabic			
			Al Hiwar TV	TV	DVB	3/4	27.500			Arabic			
			El-Bernameg Al-Aam	radio	DVB	3/4	27.500			Arabic			
			Iza'at Sawt Alaqa	radio	DVB	3/4	27.500			Arabic			
			Radio Sout Al-Shbab	radio	DVB	3/4	27.500			Arabic			
Radio Sout Al-Sha'ab	radio	DVB	3/4	27.500			Arabic						
D 10.930	H	Middle Eas	Jordan Media City	package	DVB	3/4	27.500						
			Algérie 4	TV	DVB	3/4	27.500						
			Aghanina TV	TV	DVB	3/4	27.500			Arabic			
			Algérie 5	TV	DVB	3/4	27.500			Arabic			
			Jaya TV	TV	DVB	3/4	27.500	Irdeto 2/Viaccess 3.0		Tamil			
			Al Babeleyia Sat Channel	TV	DVB	3/4	27.500			Arabic			
			Al Fanoos TV	TV	DVB	3/4	27.500			Arabic			
			International Industrial Channel	TV	DVB	3/4	27.500			Arabic			
			Indus Vision	TV	DVB	3/4	27.500	Irdeto 2/Viaccess 3.0		Urdu			
			Aaj News	TV	DVB	3/4	27.500	Irdeto 2/Viaccess 3.0		Urdu			
			Al Etejah Satellite Channel	TV	DVB	3/4	27.500			Arabic			
			Sawt Al Madina	radio	DVB	3/4	27.500			Arabic			
			Al Quran Al Kareem Radio	radio	DVB	3/4	27.500			Arabic			
			D 10.949	V	Middle Eas	Noorsat	package	DVB	3/4	27.500			
						Oscar Drama	TV	DVB	3/4	27.500			Arabic
						Abu Dhabi Al Emarat	TV	DVB	3/4	27.500			Arabic
						Al Haqeeqa al Dawliyah	TV	DVB	3/4	27.500			Arabic
Alhayat Cinema	TV	DVB				3/4	27.500			Arabic			
Awdeh	TV	DVB				3/4	27.500			Arabic			
Ishtar TV	TV	DVB				3/4	27.500			Arabic			
Toyor Al Janah	TV	DVB				3/4	27.500			Arabic			
Syria Drama	TV	DVB				3/4	27.500			Arabic			
Alhayat 2	TV	DVB				3/4	27.500			Arabic			
Alhayat Mosalsalat	TV	DVB				3/4	27.500			Arabic			
Deretna TV	TV	DVB				3/4	27.500			Arabic			
KTO	TV	DVB				3/4	27.500			French			
Ostool Al Horyah	TV	DVB				3/4	27.500			Arabic			
D 10.992	V	Middle Eas				ViewAfrica Network	package	DVB	3/4	27.485			
			Aden	TV	DVB	3/4	27.485			Arabic			
			Asia TV	TV	DVB	3/4	27.485			Arabic			
			Al-Eman	TV	DVB	3/4	27.485			Arabic			
			Madani Channel	TV	DVB	3/4	27.485			Urdu			
			Miracle	TV	DVB	3/4	27.485			Arabic			
			Al Islah TV	TV	DVB	3/4	27.485			Arabic			
			Sheba TV	TV	DVB	3/4	27.485			Arabic			
			Payam TV	TV	DVB	3/4	27.485			Arabic			
			Family Radio	radio	DVB	3/4	27.485			English			
			Family Radio International 1	radio	DVB	3/4	27.485						
			Family Radio International 2	radio	DVB	3/4	27.485						
D 11.219	H	Middle Eas	Al Hadarah	TV	DVB	3/4	27.500		Arabic				
D 11.219	H	Middle Eas	Modern Kora	TV	DVB	3/4	27.500		Arabic				
D 11.219	H	Middle Eas	UBC Al Jamaiah promo	TV	DVB	3/4	27.500		Arabic				
D 11.219	H	Middle Eas	Al Aqeeq	TV	DVB	3/4	27.500		Arabic				
D 11.219	H	Middle Eas	Hala TV	TV	DVB	3/4	27.500		Arabic				
D 11.219	H	Middle Eas	Panorama Film	TV	DVB	3/4	27.500		Arabic				
D 11.219	H	Middle Eas	Al Fayhaa TV	TV	DVB	3/4	27.500		Arabic				
D 11.219	H	Middle Eas	Arrabia	TV	DVB	3/4	27.500		Arabic				
A 11.219	H	Middle Eas	Dream HD	TV	DVB	3/4	27.500		Arabic				
D 11.219	H	Middle Eas	Promed TV	TV	DVB	3/4	27.500		Arabic				

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
A 11.278	V	Middle Eas	Orbit Showtime Network	package	DVB-S2	2/3	27.500	Betacrypt	
			Fox Sports Middle East	TV	DVB-S2	2/3	27.500	Betacrypt	English
			FTV HD	TV	DVB-S2	2/3	27.500	Betacrypt	English
			Sky News HD	TV	DVB-S2	2/3	27.500	Betacrypt	English
			OSN Cinema HD	TV	DVB-S2	2/3	27.500	Betacrypt	English
			Discovery HD Showcase	TV	DVB-S2	2/3	27.500	Betacrypt	English
D 11.317	V	Middle Eas	Noorsat	package	DVB	3/4	27.500		
			Arrai	TV	DVB	3/4	27.500		Arabic
			Jamawar Kurdistan	TV	DVB	3/4	27.500		Kurdish
			Al Rouh TV	TV	DVB	3/4	27.500		Arabic
			Sada Al Islam	TV	DVB	3/4	27.500		Arabic
			Al Eqtisadiyah Plus	TV	DVB	3/4	27.500		Arabic
			Karameesh	TV	DVB	3/4	27.500		Arabic
			Toyor Al Janah	TV	DVB	3/4	27.500		Arabic
			Al-Maaref TV	TV	DVB	3/4	27.500		Arabic
			Sana Satellite Channel	TV	DVB	3/4	27.500		Arabic
			4Shbab TV	TV	DVB	3/4	27.500		Arabic
			Alquds Satellite Channel	TV	DVB	3/4	27.500		Arabic
			Starfone	TV	DVB	3/4	27.500		Arabic
			Al Masar Al Aoula	TV	DVB	3/4	27.500		Arabic
			Taha TV	TV	DVB	3/4	27.500		Arabic
			Al Tebbya TV	TV	DVB	3/4	27.500		Arabic
			Al Hekmah TV	TV	DVB	3/4	27.500		Arabic
			Markat TV	TV	DVB	3/4	27.500		Arabic
			Hayatona	TV	DVB	3/4	27.500		Arabic
			Tawasul TV	TV	DVB	3/4	27.500		Arabic
			Jamawar Kurdistan Radio	radio	DVB	3/4	27.500		Kurdish
D 11.334	H	Middle Eas	Nilesat	package	DVB	3/4	27.485		
			Athal TV	TV	DVB	3/4	27.485		Arabic
			Aayat TV	TV	DVB	3/4	27.485		Arabic
			Rama Satellite Channel	TV	DVB	3/4	27.485		Arabic
			Jordan Medical TV	TV	DVB	3/4	27.485		Arabic
			Almuntada	TV	DVB	3/4	27.485		Arabic
			Semsem	TV	DVB	3/4	27.485		Arabic
			Yellow Screen TV	TV	DVB	3/4	27.485		Arabic
			Kaef TV	TV	DVB	3/4	27.485		Arabic
			Ale3lania TV	TV	DVB	3/4	27.485		Arabic
			Azhari TV	TV	DVB	3/4	27.485		Arabic
			Al Athar TV	TV	DVB	3/4	27.485		Arabic
			Al Hajj wa al Omrah	TV	DVB	3/4	27.485		Arabic
			Sawt al Badiyah	TV	DVB	3/4	27.485		Arabic
			Aayat Satellite Channel	TV	DVB	3/4	27.485		Arabic
			Al Bareah TV	TV	DVB	3/4	27.485		Arabic
			Al Masrawiyah promo	TV	DVB	3/4	27.485		Arabic
Al Qassim TV promo	TV	DVB	3/4	27.485		Arabic			
D 11.355	V	Middle Eas	STN	package	DVB	3/4	27.500		
			Alalam News Channel	TV	DVB	3/4	27.500		Arabic
			Al Islah TV	TV	DVB	3/4	27.500		Arabic
			Al Minber TV	TV	DVB	3/4	27.500		Arabic
			Palestine Al Yawm promo	TV	DVB	3/4	27.500		Arabic
			NourSat	TV	DVB	3/4	27.500		Arabic
			Sat 7 Arabic	TV	DVB	3/4	27.500		Arabic
			Sat 7 Kids	TV	DVB	3/4	27.500		Arabic
			Al Soor TV	TV	DVB	3/4	27.500		Arabic
			MMC TV	TV	DVB	3/4	27.500		Kurdish
			MTA 3 Al Arabiyah	TV	DVB	3/4	27.500		Arabic
			Aghapy TV	TV	DVB	3/4	27.500		Arabic
			Newroz TV	TV	DVB	3/4	27.500		Kurdish
			Ta3arof TV	TV	DVB	3/4	27.500		Arabic
			CCTV Arabic	TV	DVB	3/4	27.500		Arabic
			VoA TV Persian	TV	DVB	3/4	27.500		Farsi
			Dua Channel	TV	DVB	3/4	27.500		Arabic
Roj TV	TV	DVB	3/4	27.500		Kurdish			
Kalam TV	TV	DVB	3/4	27.500		Arabic			
Al Malakoot Sat	TV	DVB	3/4	27.500		Arabic			
CTV	TV	DVB	3/4	27.500		Arabic			
D 11.374	H	Middle Eas	Orbit Showtime Network	package	DVB	3/4	27.500	Betacrypt/Irdeto 2	
			Fann	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	Arabic
			MnL TV	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	Tagalog
			GMA Life TV	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	Tagalog

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
			GMA Pinoy TV Europe	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	Tagalog
			Pinoy Extreme	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	Tagalog
			Orbit News 2	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	English
			Arabic Series +4	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	Arabic
			Cinema 2	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	Arabic
			Cinema 1	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	Arabic
			Orbit News 1	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	English
			Al Safwa	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	Arabic
			Al Yawm	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	Arabic
			Fashion TV Europe	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	
			DZBB 594 Super Radyo	radio	DVB	3/4	27.500	Betacrypt/Irdeto 2	Tagalog
			DWLS FM	radio	DVB	3/4	27.500	Betacrypt/Irdeto 2	Tagalog
D 11.393	V	Middle Eas	<u>Noorsat</u>	package	DVB	3/4	27.500		
			Al Neyabiyah Al Ordoniyah promo	TV	DVB	3/4	27.500		Arabic
			Al Shams Satellite Channel	TV	DVB	3/4	27.500		Arabic
			Diyala TV	TV	DVB	3/4	27.500		Arabic
			KTO	TV	DVB	3/4	27.500		French
			Ishtar TV	TV	DVB	3/4	27.500		Arabic
			Noor Homes	TV	DVB	3/4	27.500		Arabic
			Awdeh	TV	DVB	3/4	27.500		Arabic
			Ostool Al Horyah	TV	DVB	3/4	27.500		Arabic
			Deretna TV	TV	DVB	3/4	27.500		Arabic
			Al-Lubnania	TV	DVB	3/4	27.500		Kurdish
			Al Ittihad News promo	TV	DVB	3/4	27.500		Arabic
			Al Kitab Satellite Channel	TV	DVB	3/4	27.500		Arabic
			IFilm promo	TV	DVB	3/4	27.500		
			Alhayat Cinema	TV	DVB	3/4	27.500		Arabic
D 11.411	H	Middle Eas	<u>Orbit Showtime Network</u>	package	DVB	3/4	27.500	Betacrypt/Irdeto 2	
			Food Network UK	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	English
			Arabic Series	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	Arabic
			The Style Network Emea	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	English
			History Orbit	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	English
			America Plus +2	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	English
			The MGM Channel Middle East	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	English
			OSN Comedy +2	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	English
			OSN Variety	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	English
			Trace TV	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	French
			Music Now	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	English
A 11.432	V	Middle Eas	<u>Abu Dhabi Sports</u>	package	DVB-S2	5/6	27.500	Irdeto 2	
			Abu Dhabi Sports 6	TV	DVB-S2	5/6	27.500	Irdeto 2	Arabic,English
			Abu Dhabi Sports 7	TV	DVB-S2	5/6	27.500	Irdeto 2	Arabic,English
			Abu Dhabi Sports 4	TV	DVB-S2	5/6	27.500	Irdeto 2	Arabic,English
			Abu Dhabi Sports 3	TV	DVB-S2	5/6	27.500	Irdeto 2	Arabic,English
			Abu Dhabi Sports 5	TV	DVB-S2	5/6	27.500	Irdeto 2	Arabic,English
A 11.449	H	Middle Eas	<u>Abu Dhabi mux</u>	package	DVB-S2	5/6	27.500	Irdeto 2	
			Abu Dhabi Sports 8	TV	DVB-S2	5/6	27.500	Irdeto 2	Arabic,English
			Nat Geo Adventure HD Asia	TV	DVB-S2	5/6	27.500	Irdeto 2	English
			Nat Geo Wild HD	TV	DVB-S2	5/6	27.500	Irdeto 2	English
			Sky News HD	TV	DVB-S2	5/6	27.500	Irdeto 2	English
			Fox Movies Middle East	TV	DVB-S2	5/6	27.500	Irdeto 2	English
D 11.488	H	Middle Eas	Nile Drama 2 +2	TV	DVB	3/4	27.500		Arabic
D 11.488	H	Middle Eas	ERTU 2 Sat	TV	DVB	3/4	27.500		Arabic
D 11.488	H	Middle Eas	Nile Drama +2	TV	DVB	3/4	27.500		Arabic
D 12.341	V	Middle Eas	<u>Du</u>	package	DVB	3/4	27.500		
			Infinity 2	TV	DVB	3/4	27.500		Arabic
			RAK TV	TV	DVB	3/4	27.500		Arabic
			DM TV	TV	DVB	3/4	27.500		Arabic
			Asia Business TV	TV	DVB	3/4	27.500		Chinese
			Space Toon 2	TV	DVB	3/4	27.500		English
			Dubai Sports 2	TV	DVB	3/4	27.500		Arabic
			Fatafeat	TV	DVB	3/4	27.500		Arabic
			Imagine TV	TV	DVB	3/4	27.500		Hindi
			MBC Persia	TV	DVB	3/4	27.500		Farsi
			Al Aan TV	TV	DVB	3/4	27.500		Arabic
D 12.360	H	Middle Eas	<u>Nilesat</u>	package	DVB	3/4	27.500		
			Al-Jamahiryia TV 2	TV	DVB	3/4	27.500		Arabic
			Al Hafez	TV	DVB	3/4	27.500		Arabic
			Al Hadath	TV	DVB	3/4	27.500		Arabic
			Libya Sports 1	TV	DVB	3/4	27.500		Arabic
			Al Ahly Club	TV	DVB	3/4	27.500		Arabic

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.			
				Digital	FEC	MSy/s						
D 12.380	V	Middle Eas	Scope TV	TV	DVB	3/4	27.500		Arabic			
			Panorama Drama	TV	DVB	3/4	27.500		Arabic			
			Al Mosullia	TV	DVB	3/4	27.500		Arabic			
			Al Salam TV	TV	DVB	3/4	27.500		Arabic			
			Alpha	TV	DVB	3/4	27.500		Arabic			
			Al Jazeera Documentary	TV	DVB	3/4	27.500		Arabic			
			Watanee Alkabeer TV	TV	DVB	3/4	27.500		Arabic			
			Al Badeel	TV	DVB	3/4	27.500		Arabic			
			Al Salam Radio	radio	DVB	3/4	27.500		Arabic			
			Al Libiya FM	radio	DVB	3/4	27.500		Arabic			
			<u>Jordan Media City</u>	package	DVB	3/4	27.500					
			Al Teb Al Nabawi	TV	DVB	3/4	27.500		Arabic			
			Al Ruqya	TV	DVB	3/4	27.500		Arabic			
			ART Media	TV	DVB	3/4	27.500		Arabic			
			Resalat Al Habeeb Satellite Channel	TV	DVB	3/4	27.500		Arabic			
			Sama TV	TV	DVB	3/4	27.500		Arabic			
			Samad TV	TV	DVB	3/4	27.500		Arabic			
			Al Raohaniyat TV	TV	DVB	3/4	27.500		Arabic			
			Al-Mawaddah TV	TV	DVB	3/4	27.500		Arabic			
			JoSat	TV	DVB	3/4	27.500		Arabic			
			1st Forex TV	TV	DVB	3/4	27.500		Arabic			
			More Media	TV	DVB	3/4	27.500		Arabic			
			W TV	TV	DVB	3/4	27.500		Arabic			
			AldiyarSat	TV	DVB	3/4	27.500		Arabic			
			WDS TV	TV	DVB	3/4	27.500		Arabic			
			Arab Motors TV	TV	DVB	3/4	27.500		Arabic			
Huna Amsterdam	TV	DVB	3/4	27.500		Arabic						
Rayhana TV	TV	DVB	3/4	27.500		Arabic						
Huna Amsterdam	radio	DVB	3/4	27.500		Arabic						
D 12.399	H	Middle Eas	<u>Nilesat</u>	package	DVB	3/4	27.500					
			Eve TV	TV	DVB	3/4	27.500		English			
			Ashur TV	TV	DVB	3/4	27.500					
			Al Hurrya	TV	DVB	3/4	27.500		Arabic			
			Al Masar TV	TV	DVB	3/4	27.500		Arabic			
			Türkmeneli TV	TV	DVB	3/4	27.500					
			Télé Liban	TV	DVB	3/4	27.500		Arabic			
			Moga Comedy TV	TV	DVB	3/4	27.500		Arabic			
			Al-Adala TV	TV	DVB	3/4	27.500		Arabic			
			On TV	TV	DVB	3/4	27.500		Arabic			
			Al Ghinaiyah	TV	DVB	3/4	27.500		Arabic			
			Kurdistan TV	TV	DVB	3/4	27.500		Kurdish			
			Al Shababiyah	TV	DVB	3/4	27.500		Arabic			
			Al-Iraqiya Sports	TV	DVB	3/4	27.500		Arabic			
			Türkmeneli FM	radio	DVB	3/4	27.500		Turkish			
			Radio Al-Iraqiya FM	radio	DVB	3/4	27.500		Arabic			
			Forqan Radio	radio	DVB	3/4	27.500		Arabic			
			Iza'at Al Ahd	radio	DVB	3/4	27.500		Arabic			
			D 12.418	V	Middle Eas	<u>Nilesat</u>	package	DVB	3/4	27.500		
						Al Anbar	TV	DVB	3/4	27.500		Arabic
Al Forqan TV	TV	DVB				3/4	27.500					
Sham FM TV	TV	DVB				3/4	27.500		Arabic			
Al-Iraqiya TV	TV	DVB				3/4	27.500		Arabic			
Cairo University 1	TV	DVB				3/4	27.500					
ANN	TV	DVB				3/4	27.500		Arabic			
Tunisie 21	TV	DVB				3/4	27.500		Arabic			
Daleel TV Channel	TV	DVB				3/4	27.500		Arabic			
E-mail @ TV Channel	TV	DVB				3/4	27.500		Arabic			
Alhayat Mosalsalat	TV	DVB				3/4	27.500		Arabic			
Al Bader	TV	DVB				3/4	27.500		Arabic			
Republic of Iraq Radio	radio	DVB				3/4	27.500		Arabic			
D 12.437	H	Middle Eas				<u>Du</u>	package	DVB	3/4	27.500		
						Dubai Sports Earth	TV	DVB	3/4	27.500	BISS	Arabic
						Azhari TV 2	TV	DVB	3/4	27.500		Arabic
			Al-Waha TV	TV	DVB	3/4	27.500		Arabic			
			Korek TV	TV	DVB	3/4	27.500		Kurdish			
			Kanal 4	TV	DVB	3/4	27.500		Kurdish			
			Nickelodeon Arabia	TV	DVB	3/4	27.500		Arabic			
			Dubai Holy Quran Award	TV	DVB	3/4	27.500		Arabic			
Al Rasoul	TV	DVB	3/4	27.500		Arabic						

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.			
				Digital	FEC	MSy/s						
D 12.456	V	Middle Eas	<u>Al Jazeera Sport</u>	package	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0				
			Al Jazeera Sport Channel 3D	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0	Arabic,English			
			NBA TV	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0	English			
			ESPN Middle East	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0	English			
			ESPN Classic Europe	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0	English			
			ESPN America Europe	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0	English			
			ART Sports 7	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0	Arabic			
			Al Jazeera Sport Channel HD 1	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0	Arabic,English			
			D 12.476	H	Middle Eas	<u>Nilesat</u>	package	DVB	3/4	27.500		
						Allord TV	TV	DVB	3/4	27.500		Arabic
						Modern Sport	TV	DVB	3/4	27.500		Arabic
Melody Drama	TV	DVB				3/4	27.500		Arabic			
Life Style	TV	DVB				3/4	27.500		Arabic			
Al Jazeera Mobasher	TV	DVB				3/4	27.500		Arabic			
Al Kahera wa Al Nas	TV	DVB				3/4	27.500		Arabic			
Afaq TV	TV	DVB				3/4	27.500		Arabic			
Nile Family and Kids	TV	DVB				3/4	27.500		Arabic			
Al-Sabah TV	TV	DVB				3/4	27.500		Arabic			
Modern Misr	TV	DVB				3/4	27.500		Arabic			
Aamal TV	TV	DVB	3/4	27.500		Arabic						
Hits	radio	DVB	3/4	27.500		Arabic						
Mega	radio	DVB	3/4	27.500		Arabic						