

**Updated on 08 February 2010**

Freq (GHz)	Pol	Beam	Channel	Analogue Audio MHz		Text MSy/s	Access	Lang.
				Digital	FEC			
<b>HOT BIRD™ (13°EAST)</b>								
D 10.719	V	Europe	<u>Cyfra +</u>	package	DVB	3/4	27.500 Mediaguard 2/Nagravision 3/Viaccess 3.0	
			HBO 2 Polska	TV	DVB	3/4	Y 27.500 Mediaguard 2/Nagravision 3	Polish
			Movies 24 Eastern Europe	TV	DVB	3/4	27.500 Mediaguard 2	Polish,English
			4 Fun TV	TV	DVB	3/4	Y 27.500	Polish
			Orange sport Polska	TV	DVB	3/4	27.500 Mediaguard 2/Viaccess 3.0	Polish
			Planete Polska	TV	DVB	3/4	27.500 Mediaguard 2	Polish
			MiniMini	TV	DVB	3/4	27.500 Mediaguard 2	Polish
			Patio TV	TV	DVB	3/4	27.500	Polish
			History Europe	TV	DVB	3/4	27.500 Mediaguard 2	Polish,English
			Canal + Sport 2 Polska	TV	DVB	3/4	Y 27.500 Mediaguard 2	Polish
			Hallmark Channel Polska	TV	DVB	3/4	27.500 Mediaguard 2	Polish
			HBO Comedy Polska	TV	DVB	3/4	Y 27.500 Mediaguard 2/Nagravision 3	Polish
			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	
			MTA International	TV	DVB	3/4	29.900	English,French,German,Arabic,Bengali
			Disney Channel Romania & Bulgaria	TV	DVB	3/4	29.900 Cryptoworks	Russian,Romanian,English,Bulgarian
			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
			RTB Virgilio	TV	DVB	3/4	29.900	Italian
			Andisheh TV	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
			Ariana Afghanistan TV	TV	DVB	3/4	29.900	
			RTP Internacional Europa	TV	DVB	3/4	Y 29.900	Portuguese
			NPR Worldwide	radio	DVB	3/4	29.900	English
			RDP Internacional	radio	DVB	3/4	29.900	Portuguese
			RDP Antena 1	radio	DVB	3/4	29.900	Portuguese
D 10.775	H	Europe	<u>American Forces Network</u>	package	DVB	3/4	28.000 PowerVu	
			AFN Guide	TV	DVB	3/4	28.000 PowerVu	English
			AFN Prime Atlantic Franconia	TV	DVB	3/4	28.000 PowerVu	English
			AFN Prime Atlantic Hessen	TV	DVB	3/4	28.000 PowerVu	English
			AFN Prime Atlantic Kaiserslautern	TV	DVB	3/4	28.000 PowerVu	English
			AFN Prime Atlantic Heidelberg	TV	DVB	3/4	28.000 PowerVu	English
			AFN Prime Atlantic Eifel	TV	DVB	3/4	28.000 PowerVu	English
			AFN Prime Pacific	TV	DVB	3/4	28.000 PowerVu	English
			AFN Sports	TV	DVB	3/4	28.000 PowerVu	English
			AFN Prime Atlantic Benelux	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
			Freedom Radio	radio	DVB	3/4	28.000 PowerVu	English
			Jack FM	radio	DVB	3/4	28.000 PowerVu	English
			AFN The Eagle Franconia	radio	DVB	3/4	28.000 PowerVu	English
			AFN Power Network Franconia	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
			AFN Power Network Heidelberg	radio	DVB	3/4	28.000 PowerVu	English
			Mainstream Country	radio	DVB	3/4	28.000 PowerVu	English
			AFN The Eagle Benelux	radio	DVB	3/4	28.000 PowerVu	English
			AFN Uninterruptable Voice	radio	DVB	3/4	28.000 PowerVu	English
			AFN Interruptable Voice	radio	DVB	3/4	28.000 PowerVu	English
			AFN Power Network Eifel	radio	DVB	3/4	28.000 PowerVu	English

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC	MSy/s			
			AFN Power Network Benelux	radio	DVB	3/4	28.000	PowerVu	English
			Eifel 105	radio	DVB	3/4	28.000	PowerVu	English
			AFN The Eagle Heidelberg	radio	DVB	3/4	28.000	PowerVu	English
			Fox Sports Plus	radio	DVB	3/4	28.000	PowerVu	English
			Drive FX	radio	DVB	3/4	28.000	PowerVu	English
			Hot AC	radio	DVB	3/4	28.000	PowerVu	English
			AFN Power Network Bavaria	radio	DVB	3/4	28.000	PowerVu	English
			ESPN Plus	radio	DVB	3/4	28.000	PowerVu	English
			The Contingency Channel	radio	DVB	3/4	28.000	PowerVu	English
			AFN Power Network Europe	radio	DVB	3/4	28.000	PowerVu	English
			The Eagle Europe	radio	DVB	3/4	28.000	PowerVu	English
			NPR Worldwide AFRTS	radio	DVB	3/4	28.000	PowerVu	English
			Gravity	radio	DVB	3/4	28.000	PowerVu	English
			Hard Rock	radio	DVB	3/4	28.000	PowerVu	English
			Classic Rock	radio	DVB	3/4	28.000	PowerVu	English
			AFN The Eagle Bavaria	radio	DVB	3/4	28.000	PowerVu	English
D 10.796	V	Europe	Cyfra ±	package	DVB	3/4	27.500	Mediaguard 2/Nagravision 3	
			Edusat	TV	DVB	3/4	27.500		Polish
			Polonia 1	TV	DVB	3/4	Y 27.500		Polish
			FilmBox Family	TV	DVB	3/4	27.500	Conax/Mediaguard 2	Polish
			FilmBox Polska	TV	DVB	3/4	27.500	Conax/Mediaguard 2	Polish
			FilmBox Extra Polska	TV	DVB	3/4	27.500	Conax/Mediaguard 2	Polish
			Orange sport info Polska	TV	DVB	3/4	27.500	Mediaguard 2/Viaccess 3.0	Polish
			MTV Two	TV	DVB	3/4	27.500	Mediaguard 2	English
			Discovery World Polska	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3	Polish
			Discovery Science Channel Polska	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3	Polish
			Tele 5	TV	DVB	3/4	Y 27.500		Polish
			National Geographic Channel Polska	TV	DVB	3/4	27.500	Mediaguard 2	Polish,Hungarian,English
			Arcydziela Klasyki	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	
			Niezalezna Klasyka	radio	DVB	3/4	27.500	Mediaguard 2	
			Hymny Rocka	radio	DVB	3/4	27.500	Mediaguard 2	
			R'n'B & Soul	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	
			Jeszcze raz	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	
			Muzyka Symfoniczna	radio	DVB	3/4	27.500	Mediaguard 2	
			Cool Jazz	radio	DVB	3/4	27.500	Mediaguard 2	
			Klasyka Jazzu	radio	DVB	3/4	27.500	Mediaguard 2	
			Hity lat 90	radio	DVB	3/4	27.500	Mediaguard 2	
			Hity lat 80	radio	DVB	3/4	27.500	Mediaguard 2	
			Hity lat 70	radio	DVB	3/4	27.500	Mediaguard 2	
			Rozmaitosci	radio	DVB	3/4	27.500	Mediaguard 2	
			Metal	radio	DVB	3/4	27.500	Mediaguard 2	
			Piosenka Francuska	radio	DVB	3/4	27.500	Mediaguard 2	
			Nowe stare hity	radio	DVB	3/4	27.500	Mediaguard 2	
			Współczesny Pop	radio	DVB	3/4	27.500	Mediaguard 2	
			Era Rock'n'Rolla	radio	DVB	3/4	27.500	Mediaguard 2	
			Country	radio	DVB	3/4	27.500	Mediaguard 2	
			Muzyka Arabska	radio	DVB	3/4	27.500	Mediaguard 2	
			Hity Bollywood	radio	DVB	3/4	27.500	Mediaguard 2	
			Hity Francuskie	radio	DVB	3/4	27.500	Mediaguard 2	
			Swiat karnawalu	radio	DVB	3/4	27.500	Mediaguard 2	
			Niemecki Rock	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	
			Hity Brytyjskie	radio	DVB	3/4	27.500	Mediaguard 2	
			Bass Breaks and Beats	radio	DVB	3/4	27.500	Mediaguard 2	
			Chillout	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	

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
			<b>New Age</b>	radio	<b>DVB</b>	<b>3/4</b>	<b>27.500</b>	<b>Mediaguard 2</b>	
A 10.813	H	Europe	<b>Duna I</b>	TV	PAL	6.50,7.02/7.20	Y		Hungarian
A 10.813	H	Europe	<b>MR 1 Kossuth</b>	radio	PAL	7.38			Hungarian
A 10.813	H	Europe	<b>MR 2 Petöfi</b>	radio	PAL	7.74			Hungarian
A 10.813	H	Europe	<b>MR 4 Nemzetiségi adások</b>	radio	PAL	7.92			Hungarian
<b>D 10.834</b>	<b>V</b>	<b>Europe</b>	<b>N</b>	package	<b>DVB-S2</b>	<b>3/4</b>	<b>27.500</b>	<b>Conax</b>	
			<b>AXN Polska</b>	TV	<b>DVB-S2</b>	<b>3/4</b>	<b>27.500</b>	<b>Conax</b>	<b>Polish</b>
			<b>Kino Polska</b>	TV	<b>DVB-S2</b>	<b>3/4</b>	<b>27.500</b>	<b>Conax</b>	<b>Polish</b>
			<b>Discovery World Polska</b>	TV	<b>DVB-S2</b>	<b>3/4</b>	<b>27.500</b>	<b>Conax</b>	<b>Polish</b>
			<b>AXN Crime</b>	TV	<b>DVB-S2</b>	<b>3/4</b>	<b>27.500</b>	<b>Conax</b>	<b>Polish</b>
			<b>AXN Sci-Fi Polska</b>	TV	<b>DVB-S2</b>	<b>3/4</b>	<b>27.500</b>	<b>Conax</b>	<b>Polish</b>
			<b>JimJam Europe</b>	TV	<b>DVB-S2</b>	<b>3/4</b>	<b>27.500</b>	<b>Conax</b>	<b>Polish</b>
			<b>Da Vinci Learning</b>	TV	<b>DVB-S2</b>	<b>3/4</b>	<b>27.500</b>	<b>Conax</b>	<b>Polish</b>
			<b>Disney XD Polska</b>	TV	<b>DVB-S2</b>	<b>3/4</b>	<b>27.500</b>	<b>Conax</b>	<b>Polish</b>
			<b>Eska TV</b>	TV	<b>DVB-S2</b>	<b>3/4</b>	<b>27.500</b>		<b>Polish</b>
			<b>Sport Klub + Polska</b>	TV	<b>DVB-S2</b>	<b>3/4</b>	<b>27.500</b>	<b>Conax</b>	<b>Polish</b>
			<b>Sport Klub Polska</b>	TV	<b>DVB-S2</b>	<b>3/4</b>	<b>27.500</b>	<b>Conax</b>	<b>Polish</b>
			<b>Blue Hustler Europe</b>	TV	<b>DVB-S2</b>	<b>3/4</b>	<b>27.500</b>	<b>Conax</b>	<b>English</b>
			<b>Boomerang Central &amp; Eastern Europe</b>	TV	<b>DVB-S2</b>	<b>3/4</b>	<b>27.500</b>	<b>Conax</b>	<b>Polish</b>
			<b>Movies 24 Eastern Europe</b>	TV	<b>DVB-S2</b>	<b>3/4</b>	<b>27.500</b>	<b>Conax</b>	<b>Polish</b>
			<b>TVP Historia</b>	TV	<b>DVB-S2</b>	<b>3/4</b>	<b>27.500</b>	<b>Conax</b>	<b>Polish</b>
			<b>MTV Two</b>	TV	<b>DVB-S2</b>	<b>3/4</b>	<b>27.500</b>	<b>Conax</b>	<b>English</b>
			<b>Animal Planet Europe</b>	TV	<b>DVB-S2</b>	<b>3/4</b>	<b>27.500</b>	<b>Conax</b>	<b>Polish</b>
			<b>Discovery Science Channel Polska</b>	TV	<b>DVB-S2</b>	<b>3/4</b>	<b>27.500</b>	<b>Conax</b>	<b>Polish</b>
			<b>KidsCo East Europe</b>	TV	<b>DVB-S2</b>	<b>3/4</b>	<b>27.500</b>	<b>Conax</b>	<b>Polish</b>
			<b>HBO Comedy Polska</b>	TV	<b>DVB-S2</b>	<b>3/4</b>	<b>27.500</b>	<b>Conax</b>	<b>Polish</b>
			<b>HBO 2 Polska</b>	TV	<b>DVB-S2</b>	<b>3/4</b>	<b>27.500</b>	<b>Conax</b>	<b>Polish</b>
			<b>Jetix Play</b>	TV	<b>DVB-S2</b>	<b>3/4</b>	<b>27.500</b>	<b>Conax</b>	<b>Polish</b>
			<b>ESPN America Europe</b>	TV	<b>DVB-S2</b>	<b>3/4</b>	<b>27.500</b>	<b>Conax</b>	<b>English</b>
<b>D 10.853</b>	<b>H</b>	<b>Europe</b>	<b>Media Broadcast</b>	package	<b>DVB</b>	<b>3/4</b>	<b>27.500</b>		
			<b>Supreme Master TV</b>	TV	<b>DVB</b>	<b>3/4</b>	<b>27.500</b>		<b>English</b>
			<b>Physique TV</b>	TV	<b>DVB</b>	<b>3/4</b>	<b>27.500</b>		<b>English</b>
			<b>Eurosport 2 Bundesliga</b>	TV	<b>DVB</b>	<b>3/4</b>	<b>27.500</b>	<b>Conax/Mediaguard 2/Nagravision 3/Viaccess 2.6/Viaccess 3.0/Viaccess 4.0</b>	<b>English,Polish,Serbian,Czech,Danish,Russian</b>
			<b>Omid-e-Iran</b>	TV	<b>DVB</b>	<b>3/4</b>	<b>27.500</b>		<b>Farsi</b>
			<b>RTL 2 Schweiz</b>	TV	<b>DVB</b>	<b>3/4</b>	<b>Y 27.500</b>		<b>German</b>
			<b>IMN TV</b>	TV	<b>DVB</b>	<b>3/4</b>	<b>27.500</b>		<b>Farsi</b>
			<b>Sexy Arab</b>	TV	<b>DVB</b>	<b>3/4</b>	<b>27.500</b>		<b>Arabic</b>
			<b>DM Digital Arabia</b>	TV	<b>DVB</b>	<b>3/4</b>	<b>27.500</b>		<b>Arabic</b>
			<b>PDF Channel</b>	TV	<b>DVB</b>	<b>3/4</b>	<b>27.500</b>		
			<b>Suryoyo Sat</b>	TV	<b>DVB</b>	<b>3/4</b>	<b>27.500</b>		
			<b>Eurotic TV</b>	TV	<b>DVB</b>	<b>3/4</b>	<b>27.500</b>		<b>German</b>
			<b>Arab Girls</b>	TV	<b>DVB</b>	<b>3/4</b>	<b>27.500</b>		<b>Arabic</b>
			<b>Alo TV</b>	TV	<b>DVB</b>	<b>3/4</b>	<b>27.500</b>		<b>Turkish</b>
			<b>ArabSexClub</b>	TV	<b>DVB</b>	<b>3/4</b>	<b>27.500</b>		<b>Arabic</b>
			<b>Ta3arees</b>	TV	<b>DVB</b>	<b>3/4</b>	<b>27.500</b>		<b>Arabic</b>
			<b>Fatayat 7'armanat</b>	TV	<b>DVB</b>	<b>3/4</b>	<b>27.500</b>		
			<b>Smart Live Casino Roulette</b>	TV	<b>DVB</b>	<b>3/4</b>	<b>27.500</b>		<b>English</b>
			<b>IFM TV</b>	TV	<b>DVB</b>	<b>3/4</b>	<b>27.500</b>		<b>Farsi</b>
<b>D 10.873</b>	<b>V</b>	<b>Europe</b>	<b>SNRT</b>	package	<b>DVB</b>	<b>3/4</b>	<b>27.500</b>		
			<b>Tamazight promo</b>	TV	<b>DVB</b>	<b>3/4</b>	<b>27.500</b>		
			<b>Arryadia</b>	TV	<b>DVB</b>	<b>3/4</b>	<b>27.500</b>		<b>Arabic</b>
			<b>Medi 1 Sat</b>	TV	<b>DVB</b>	<b>3/4</b>	<b>27.500</b>		<b>French</b>
			<b>Assadissa</b>	TV	<b>DVB</b>	<b>3/4</b>	<b>27.500</b>		<b>Arabic</b>
			<b>Al Aoula Europe</b>	TV	<b>DVB</b>	<b>3/4</b>	<b>27.500</b>		<b>Arabic</b>
			<b>Al Maghribia</b>	TV	<b>DVB</b>	<b>3/4</b>	<b>27.500</b>		<b>Arabic</b>
			<b>Al Aoula Middle East</b>	TV	<b>DVB</b>	<b>3/4</b>	<b>27.500</b>		<b>Arabic</b>
			<b>Arrabia</b>	TV	<b>DVB</b>	<b>3/4</b>	<b>27.500</b>		<b>Arabic</b>
			<b>Al Aoula Maroc</b>	TV	<b>DVB</b>	<b>3/4</b>	<b>27.500</b>	<b>BISS</b>	<b>Arabic</b>
			<b>Radio Fes</b>	radio	<b>DVB</b>	<b>3/4</b>	<b>27.500</b>		
			<b>Radio Régional de Dakhla</b>	radio	<b>DVB</b>	<b>3/4</b>	<b>27.500</b>		
			<b>Idaa Mohammed Assadiss</b>	radio	<b>DVB</b>	<b>3/4</b>	<b>27.500</b>		<b>Arabic</b>
			<b>Idaa al Amazighia</b>	radio	<b>DVB</b>	<b>3/4</b>	<b>27.500</b>		<b>Arabic</b>
			<b>Chaîne Inter</b>	radio	<b>DVB</b>	<b>3/4</b>	<b>27.500</b>		
			<b>Idaal al Watania</b>	radio	<b>DVB</b>	<b>3/4</b>	<b>27.500</b>		<b>Arabic</b>
			<b>Medi 1 Radio</b>	radio	<b>DVB</b>	<b>3/4</b>	<b>27.500</b>		<b>French</b>
<b>D 10.892</b>	<b>H</b>	<b>Europe</b>	<b>Cyfra +</b>	package	<b>DVB</b>	<b>3/4</b>	<b>27.500</b>	<b>Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0</b>	
			<b>Canal + Sport Polska</b>	TV	<b>DVB</b>	<b>3/4</b>	<b>Y 27.500</b>	<b>Mediaguard 2</b>	<b>Polish</b>

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC	MSy/s			
			Domo	TV	DVB	3/4	27.500	Mediaguard 2	Polish
			Canal + Film	TV	DVB	3/4	Y 27.500	Mediaguard 2	Polish,Polish
			Kuchnia TV	TV	DVB	3/4	27.500	Mediaguard 2	Polish
			Ale Kino!	TV	DVB	3/4	Y 27.500	Mediaguard 2	Polish
			ZigZap	TV	DVB	3/4	27.500	Mediaguard 2	Polish
			Hyper	TV	DVB	3/4	27.500	Mediaguard 2	Polish
			TVP 2	TV	DVB	3/4	Y 27.500	Conax/Mediaguard 2/Viaccess 3.0	Polish
			Canal + Polska	TV	DVB	3/4	Y 27.500	Mediaguard 2	Polish
			TVP 1	TV	DVB	3/4	Y 27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
			Radio Zet	radio	DVB	3/4	27.500	Mediaguard 2	Polish
			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
			Polskie Radio Euro	radio	DVB	3/4	27.500		Polish
			Polskie Radio Jedyńka	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
			Planeta FM	radio	DVB	3/4	27.500	Mediaguard 2	Polish
			Radio PIN	radio	DVB	3/4	27.500	Mediaguard 2	Polish
			Antyradio	radio	DVB	3/4	27.500	Mediaguard 2	Polish
			RMF FM	radio	DVB	3/4	27.500	Mediaguard 2	Polish
			Tok FM	radio	DVB	3/4	27.500	Mediaguard 2	Polish
D 10.911	V	Europe	<u>Orange Polska</u>	package	DVB-S2	3/4	27.500	Viaccess 3.0	
			VH1 Polska	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish
			MTV 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
			Movies 24 Eastern Europe	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish
			Kino Polska	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish
			Jetix Play	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
			ESPN America Europe	TV	DVB-S2	3/4	27.500	Viaccess 3.0	English
			HBO 2 Polska	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish
			TCM Central & Eastern Europe	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
			Animal Planet Europe	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish
			Zone Europa	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish
			Cartoon Network Central & Eastern Europe	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish
			CNN International Europe	TV	DVB-S2	3/4	27.500	Viaccess 3.0	English
			Zone Club 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 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
D 10.930	H	Europe	<u>Nova</u>	package	DVB	3/4	27.500	Irdeto 2	
			Novacinema 1 Cyprus	TV	DVB	3/4	27.500	Irdeto 2	Greek
			Novacinema 2	TV	DVB	3/4	27.500	Irdeto 2	Greek
			Travel Channel	TV	DVB	3/4	27.500	Irdeto 2	English
			Animal Planet Africa	TV	DVB	3/4	27.500	Irdeto 2	Greek
			Mad Greekz	TV	DVB	3/4	27.500	Irdeto 2	Greek
			The MGM Channel East Europe	TV	DVB	3/4	27.500	Irdeto 2	English
			MTV Greece	TV	DVB	3/4	27.500	Irdeto 2	Greek
			National Geographic Channel România	TV	DVB	3/4	27.500	Irdeto 2	English
			Novasports 3	TV	DVB	3/4	27.500	Irdeto 2	Greek
			VH1 Europe A	TV	DVB	3/4	27.500	Irdeto 2	English
			Real FM	radio	DVB	3/4	27.500	Irdeto 2	Greek
			NovaSpor FM	radio	DVB	3/4	27.500	Irdeto 2	Greek
			Sentra FM	radio	DVB	3/4	27.500	Irdeto 2	Greek
			Vima FM 99.5	radio	DVB	3/4	27.500	Irdeto 2	Greek
			Novascope	interacti	DVB	3/4	27.500	Irdeto 2	
			Nova programma	interacti	DVB	3/4	27.500	Irdeto 2	
D 10.949	V	Europe	<u>GlobeCast</u>	package	DVB	3/4	27.500		
			Al Hiwar TV	TV	DVB	3/4	27.500		Arabic
			Disney Channel Polska	TV	DVB	3/4	27.500	Conax/Mediaguard 2/Nagravision 3	Polish,English
			NourSat	TV	DVB	3/4	27.500		Arabic
			Cartoon Network Central & Eastern Europe	TV	DVB	3/4	27.500	Conax/Cryptoworks/Mediaguard 2/Nagravision 3	Polish,Hungarian,Romanian,English
			TCM Central & Eastern Europe	TV	DVB	3/4	27.500	Conax/Cryptoworks/Mediaguard 2/Nagravision 3	Polish,Hungarian,Romanian,English

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.			
				Digital	FEC							
D 10.971	H	Europe	Dhamma Media Channel	TV	DVB	3/4	27.500		Thai,English			
			ANB	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			
			Al-Forat Satellite TV Channel	TV	DVB	3/4	27.500		Arabic			
			<u>RRsat Global Communications Network</u>	package	DVB	3/4	27.500					
			God TV Europe	TV	DVB	3/4	27.500		English			
			US Armenia	TV	DVB	3/4	27.500		Armenian			
			Imam Hussein TV	TV	DVB	3/4	27.500		Arabic			
			Ictimai TV	TV	DVB	3/4	27.500		Azerbaijan			
			La 8	TV	DVB	3/4	27.500		Italian			
			RT English	TV	DVB	3/4	27.500		English			
			NTD TV	TV	DVB	3/4	27.500		Chinese			
			La 9 Sat	TV	DVB	3/4	27.500		Italian			
			Suroyo TV	TV	DVB	3/4	27.500					
			Telenova	TV	DVB	3/4	27.500		Italian			
			Al Anwar TV	TV	DVB	3/4	27.500		Arabic			
			TRT Türk	TV	DVB	3/4	Y 27.500		Turkish			
			Music Box Ru	TV	DVB	3/4	27.500		Russian			
			The Word Network	TV	DVB	3/4	27.500		English			
			Payam-e-Afghan TV	TV	DVB	3/4	27.500		Farsi			
			Baby TV Europe	TV	DVB	3/4	27.500	Conax/Cryptoworks/Viaccess 2.5/Viaccess 2.6	German,English,French,Dutch,Turkish,Polish,Spanish,Portuguese,Italian			
			TVK	TV	DVB	3/4	27.500					
			MRTV 3	TV	DVB	3/4	27.500		English			
			Universal TV	TV	DVB	3/4	27.500		Somali			
			Radio Nawa Arabic	radio	DVB	3/4	27.500		Arabic			
			Radio Jamwar	radio	DVB	3/4	27.500					
			Radio Nawa Kurdish	radio	DVB	3/4	27.500		Kurdish			
			TRT FM	radio	DVB	3/4	27.500		Turkish			
			TSR	radio	DVB	3/4	27.500		Turkish			
			Voice of Turkey World	radio	DVB	3/4	27.500					
			Voice of Turkey West	radio	DVB	3/4	27.500					
VAB Radio	radio	DVB	3/4	27.500		Vietnamese						
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			
			RaiSat Cinema	TV	DVB	2/3	27.500	Nagravision 3	Italian			
			Rai Uno	TV	DVB	2/3	Y 27.500	Mediaguard 1/Nagravision 3	Italian			
			Rai Due	TV	DVB	2/3	Y 27.500	Mediaguard 1/Nagravision 3	Italian			
			Rai Tre	TV	DVB	2/3	Y 27.500	Mediaguard 1/Nagravision 3	Italian			
			Rai Radio 3	radio	DVB	2/3	27.500		Italian			
			Rai Radio 1 AM	radio	DVB	2/3	27.500		Italian			
			Rai Radio 2	radio	DVB	2/3	27.500		Italian			
			Filodiffusione 4	radio	DVB	2/3	27.500		Italian			
			Rai Italia Radio	radio	DVB	2/3	27.500		Italian			
			Rai Italia Radio	radio	DVB	2/3	27.500					
			D 11.013	H	Europe	<u>RRsat Global Communications Network</u>	package	DVB	3/4	27.500		
						Pro TV International	TV	DVB	3/4	27.500		Romanian
						Teleitalia TV promo	TV	DVB	3/4	27.500		Italian
Red Hot Sex TV 3	TV	DVB				3/4	27.500	Viaccess 3.0				
MTA 3 Al Arabiyah	TV	DVB				3/4	27.500		Arabic			
Russian Travel Guide TV	TV	DVB				3/4	27.500		English,Russian			
One	TV	DVB				3/4	27.500		Italian			
Hope Channel Europe	TV	DVB				3/4	27.500		English			
Number One Channel	TV	DVB				3/4	27.500		Italian			
Ru TV	TV	DVB				3/4	27.500		Russian			
Al Fayhaa TV	TV	DVB				3/4	27.500		Arabic			
Sarafan	TV	DVB				3/4	27.500		Russian			
Gali Kurdistan	TV	DVB				3/4	27.500		Kurdish			
RT Arabic	TV	DVB				3/4	27.500		Arabic			
One Sri Lanka Channel	TV	DVB				3/4	27.500		Sinhalese			
Mare TV	TV	DVB	3/4	27.500		Italian						
CGN TV	TV	DVB	3/4	27.500		Korean						
Diprè Art Channel	TV	DVB	3/4	27.500		Italian						
Red Hot Sex TV 4	TV	DVB	3/4	27.500	Viaccess 3.0							
GTBC FM	radio	DVB	3/4	27.500		Tamil						
Radio Number One	radio	DVB	3/4	27.500		Italian						
Russkoe Radio	radio	DVB	3/4	27.500	Codicrypt	Russian						

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.			
				Digital	FEC							
D 11.034	V	Europe	TBC	radio	DVB	3/4	27.500		Tamil			
			Radyo Duhok	radio	DVB	3/4	27.500		Kurdish			
			Radio Kurdistan	radio	DVB	3/4	27.500		Kurdish			
			European Tamil Radio	radio	DVB	3/4	27.500		Tamil			
			Eurapejskaje Radyjo dla Bielarusi	radio	DVB	3/4	27.500		Belarussian			
			London Tamil FM	radio	DVB	3/4	27.500		Tamil			
			Radio Novaya Zhizn	radio	DVB	3/4	27.500		Russian			
			Radio Mojdeh	radio	DVB	3/4	27.500		Farsi			
			<u>GlobeCast</u>	package	DVB	3/4	27.500					
			Shant TV	TV	DVB	3/4	27.500		Armenian			
			Game One	TV	DVB	3/4	27.500	Viaccess 2.5/Viaccess 3.0	French			
			Al Jazeera English	TV	DVB	3/4	27.500		English			
			Telesud	TV	DVB	3/4	27.500		French			
			Berbère TV	TV	DVB	3/4	27.500	Viaccess 2.5	French			
			Rossiya 24	TV	DVB	3/4	27.500		Russian			
			RTR Planeta	TV	DVB	3/4	27.500		Russian			
			AzTV	TV	DVB	3/4	27.500		Azerbaijan			
			2M Monde	TV	DVB	3/4	27.500		Arabic			
			Salute!	TV	DVB	3/4	27.500		Italian			
			Strana	TV	DVB	3/4	27.500		Russian			
			Algérie 4	TV	DVB	3/4	27.500					
			Algérie 5	TV	DVB	3/4	27.500		Arabic			
			CCTV 9	TV	DVB	3/4	27.500		English			
			Radio Antenn	radio	DVB	3/4	27.500		Azerbaijan			
			Radio 2M	radio	DVB	3/4	27.500					
			Berbère Radio	radio	DVB	3/4	27.500		Berber			
			D 11.054	H	Europe	<u>Media Broadcast</u>	package	DVB	5/6	27.500		
						RTL Schweiz	TV	DVB	5/6	Y 27.500		German,German
						ZDF	TV	DVB	5/6	Y 27.500		German
						Sri TV	TV	DVB	5/6	27.500		
						Iran Beauty	TV	DVB	5/6	27.500		Farsi
						RTL 2 Schweiz	TV	DVB	5/6	Y 27.500		German
						Al Shababiyah	TV	DVB	5/6	27.500		Arabic
Beladi Satellite TV	TV	DVB				5/6	27.500		Arabic			
Iran Tele Market	TV	DVB				5/6	27.500					
Iran Music	TV	DVB				5/6	27.500					
Speda Channel	TV	DVB				5/6	27.500					
TV Persia	TV	DVB				5/6	27.500		Farsi			
Mohajer International TV	TV	DVB				5/6	27.500		Farsi			
CTV	TV	DVB				5/6	27.500		Arabic			
BW TV	TV	DVB				5/6	27.500	PowerVu	German			
POS Radio Hot AC	radio	DVB				5/6	27.500		German			
POS Radio Kaufland	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 Soft AC	radio	DVB				5/6	27.500		German			
POS Radio AC	radio	DVB				5/6	27.500		German			
POS Radio	radio	DVB	5/6	27.500		German						
D 11.075	V	Europe	<u>Viacom</u>	package	DVB	3/4	27.500	Conax/Cryptoworks/Mediaguard 2/Nagravision 3				
			MTVN HD	TV	DVB	3/4	27.500	Conax/Cryptoworks/Mediaguard 2/Nagravision 3	English,English			
			Nickelodeon Europe	TV	DVB	3/4	27.500	Conax/Cryptoworks	English,Hungarian,Russian,Portuguese			
			Comedy Central Polska	TV	DVB	3/4	27.500	Conax/Cryptoworks/Mediaguard 2	Polish			
			VH1 Europe A	TV	DVB	3/4	27.500	Conax/Cryptoworks	English			
			MTV Europe	TV	DVB	3/4	27.500	Cryptoworks	English			
			Viva Polska	TV	DVB	3/4	27.500		Polish			
			MTV Polska	TV	DVB	3/4	27.500	Conax/Cryptoworks/Mediaguard 2/Nagravision 3	Polish			
			VH1 Polska	TV	DVB	3/4	27.500	Conax/Cryptoworks/Mediaguard 2/Nagravision 3	Polish			
			D 11.096	H	Europe	<u>American Forces Network</u>	package	DVB	3/4	28.000	PowerVu	
AFN Family	TV	DVB				3/4	28.000	PowerVu	English			
AFN Prime Rota	TV	DVB				3/4	28.000	PowerVu	English			
AFN Prime Freedom	TV	DVB				3/4	28.000	PowerVu	English			
Pentagon Channel	TV	DVB				3/4	28.000		English			
AFN Prime Atlantic Sigonella	TV	DVB				3/4	28.000	PowerVu	English			
AFN News	TV	DVB				3/4	28.000	PowerVu	English			
AFN Movie	TV	DVB				3/4	28.000	PowerVu	English			
AFN Xtra	TV	DVB				3/4	28.000	PowerVu	English			
AFN Prime Atlantic Naples	TV	DVB				3/4	28.000	PowerVu	English			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC	MSy/s			
			AFN Prime Atlantic Aviano	TV	DVB	3/4	28.000	PowerVu	English
			AFN Prime Atlantic Vicenza	TV	DVB	3/4	28.000	PowerVu	English
			AFN The Eagle Naples	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
			Power 107 FM	radio	DVB	3/4	28.000	PowerVu	English
			AFN Power Network Naples	radio	DVB	3/4	28.000	PowerVu	English
			AFN Power Network Sigonella	radio	DVB	3/4	28.000	PowerVu	English
			Jack FM	radio	DVB	3/4	28.000	PowerVu	English
			AFN The Eagle Vicenza 106	radio	DVB	3/4	28.000	PowerVu	English
			106 The Power Network	radio	DVB	3/4	28.000	PowerVu	English
			AFN The Eagle Souda Bay	radio	DVB	3/4	28.000	PowerVu	English
			Z-Rock	radio	DVB	3/4	28.000		English
			AFN Uninterruptable Voice	radio	DVB	3/4	28.000		English
			AFN The Eagle Livorno	radio	DVB	3/4	28.000	PowerVu	English
			AFN Power Network Livorno	radio	DVB	3/4	28.000	PowerVu	English
			AFN Freedom Radio	radio	DVB	3/4	28.000	PowerVu	English
			AFN The Eagle Sigonella	radio	DVB	3/4	28.000	PowerVu	English
			Mainstream Country	radio	DVB	3/4	28.000	PowerVu	English
			AFN The Eagle Rota	radio	DVB	3/4	28.000	PowerVu	English
			Drive FX	radio	DVB	3/4	28.000	PowerVu	English
D 11.117	V	Europe	<u>GlobeCast</u>	package	DVB	3/4	27.500	Conax/Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 3.0	
			BBC Knowledge Polska	TV	DVB	3/4	27.500	Nagravision 3/Viaccess 3.0	Polish,English
			BBC Lifestyle Polska	TV	DVB	3/4	27.500	Nagravision 3/Viaccess 3.0	Polish,English
			Wedding TV Polska	TV	DVB	3/4	27.500	Nagravision 3	Polish,Russian,English,Turkish
			BBC Entertainment 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/Viaccess 3.0	Polish,English
			Investigation Discovery Europe	TV	DVB	3/4	27.500	Conax/Irdeto 2/Mediaguard 2/Viaccess 3.0	Polish,English
			Yes Italia	TV	DVB	3/4	27.500		Italian
			R1	TV	DVB	3/4	27.500		Russian
			BBC Persian	TV	DVB	3/4	27.500		Farsi
			CBeebies Polska	TV	DVB	3/4	27.500	Nagravision 3/Viaccess 3.0	Polish,English
D 11.137	H	Europe	<u>Arqiva</u>	package	DVB	3/4	27.500		
			Kurdistan TV	TV	DVB	3/4	27.500		Kurdish
			TelefortuneSat	TV	DVB	3/4	27.500		Italian
			GEM TV	TV	DVB	3/4	27.500		Farsi
			Sardegna 1 Sat	TV	DVB	3/4	27.500		Italian
			NHK World TV	TV	DVB	3/4	27.500		English
			Farsi 1	TV	DVB	3/4	27.500		Farsi
			TV 5 Monde Europe	TV	DVB	3/4	Y 27.500		French
			TV 5 Monde FBS	TV	DVB	3/4	Y 27.500		French
			Motors TV	TV	DVB	3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6/Viaccess 3.0	French,English,German,Serbian,Greek
			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 News	TV	DVB	3/4	27.500	Nagravision 3	Polish
			Polsat 2	TV	DVB	3/4	27.500	Nagravision 3	Polish
			Polsat Café	TV	DVB	3/4	27.500	Nagravision 3	Polish
			Polsat Sport Extra	TV	DVB	3/4	27.500	Nagravision 3	Polish
			Polsat	TV	DVB	3/4	Y 27.500	Nagravision 3	Polish
			Polsat Play	TV	DVB	3/4	27.500	Nagravision 3	Polish
			TV Biznes	TV	DVB	3/4	27.500		Polish
			TV 4	TV	DVB	3/4	Y 27.500	Conax/Mediaguard 2/Nagravision 3	Polish
			Polsat Sport	TV	DVB	3/4	27.500	Nagravision 3	Polish
D 11.179	H	Europe	<u>Telespazio</u>	package	DVB	3/4	27.500		
			TRSP	TV	DVB	3/4	27.500		Italian
			TV Canção Nova Internacional	TV	DVB	3/4	27.500		Portuguese
			New TV	TV	DVB	3/4	27.500		Italian
			Telemarket	TV	DVB	3/4	Y 27.500		Italian
			Super Tennis	TV	DVB	3/4	27.500		Italian
			TV Moda	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
			Studio Europa	TV	DVB	3/4	27.500		Italian
			Tele Padre Pio	TV	DVB	3/4	27.500		Italian
			MediaShopping	TV	DVB	3/4	27.500		Italian

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.	
				Digital	FEC	MSy/s				
D 11.200	V	Europe	GBR	TV	DVB	3/4	27.500		Italian	
			<u>Milano Teleport</u>	package	DVB	5/6	27.500			
			Sat 8	TV	DVB	5/6	27.500			Italian
			Telenord Sat	TV	DVB	5/6	27.500			Italian
			Mediatel	TV	DVB	5/6	27.500	Y		Italian
			BOSS TV	TV	DVB	5/6	27.500			English
			KlikSat	TV	DVB	5/6	27.500			Farsi
			Elite Shopping TV	TV	DVB	5/6	27.500			Italian
			Lolita	TV	DVB	5/6	27.500			
			EBC 1	TV	DVB	5/6	27.500			Arabic
			Lunasat	TV	DVB	5/6	27.500			Italian
			Star Sat	TV	DVB	5/6	27.500			Italian
			Trentino TV	TV	DVB	5/6	27.500			Italian
			Napoli International	TV	DVB	5/6	27.500			Italian
			TeleCampione	TV	DVB	5/6	27.500			Italian
			Odeon Sat	TV	DVB	5/6	27.500			Italian
			Betting Channel	TV	DVB	5/6	27.500			Italian
			Italamia 2	TV	DVB	5/6	27.500			Italian
			Free Channel	TV	DVB	5/6	27.500			Italian
			Oasi TV	TV	DVB	5/6	27.500			Italian
			UTV	TV	DVB	5/6	27.500			English
			StarBox TV	TV	DVB	5/6	27.500			
			Puntoshop Channel	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
			Radio di per di	radio	DVB	5/6	27.500			Italian
			Radio Intesa San Paolo	radio	DVB	5/6	27.500			Italian
			Radio Intesa	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
			Salam Watandar	radio	DVB	5/6	27.500			
			Radio Metro'	radio	DVB	5/6	27.500			Italian
			Billa Italia	radio	DVB	5/6	27.500			Italian
Radio Expert	radio	DVB	5/6	27.500			Italian			
Radio McDonald's	radio	DVB	5/6	27.500			Italian			
Radio Standa	radio	DVB	5/6	27.500			Italian			
Radio Zainet	radio	DVB	5/6	27.500			Italian			
D 11.219	H	Europe	<u>Skv Italia</u>	package	DVB	3/4	27.500	Videoguard		
			Rock 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	
			Discovery Channel Italia +1	TV	DVB	3/4	27.500	Videoguard	Italian	
			Disney XD Italia	TV	DVB	3/4	27.500	Videoguard	Italian	
			Match Music TV	TV	DVB	3/4	27.500	Videoguard	Italian	
			DeA Kids +1	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	
			Extra Beat	radio	DVB	3/4	27.500	Videoguard		
			Opera	radio	DVB	3/4	27.500	Videoguard		
			Sinfonia	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		
			Soul Train	radio	DVB	3/4	27.500	Videoguard		
			Capital '70	radio	DVB	3/4	27.500	Videoguard		
			Cinema DeeJay	radio	DVB	3/4	27.500	Videoguard		
			Italian Vintage	radio	DVB	3/4	27.500	Videoguard		
			Jazz & Fusion	radio	DVB	3/4	27.500	Videoguard		
			Disc Joker	radio	DVB	3/4	27.500	Videoguard		
			DeeJay 50 Songs	radio	DVB	3/4	27.500	Videoguard		
			YesterJay '80	radio	DVB	3/4	27.500	Videoguard		
			YesterJay '90	radio	DVB	3/4	27.500	Videoguard		
			Baby Mix	radio	DVB	3/4	27.500	Videoguard		
			Hit Italia	radio	DVB	3/4	27.500	Videoguard		
			Capital Livetime	radio	DVB	3/4	27.500	Videoguard		
			Vintage '60	radio	DVB	3/4	27.500	Videoguard		
			B-Side	radio	DVB	3/4	27.500	Videoguard		
			Soulsista	radio	DVB	3/4	27.500	Videoguard		
			YesterJay 2000	radio	DVB	3/4	27.500	Videoguard		
			Heart 'n Song	radio	DVB	3/4	27.500	Videoguard		

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
D 11.240	V	Europe	Dance	radio	DVB	3/4	27.500	Videoguard	
			Ritmo Latino	radio	DVB	3/4	27.500	Videoguard	
			<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	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
			Plug RTL	TV	DVB	3/4	Y 27.500	Mediaguard 2	French
			Disney Channel France	TV	DVB	3/4	27.500	Mediaguard 2	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
			RTBF Sat	TV	DVB	3/4	Y 27.500		French
			France 24 English	TV	DVB	3/4	27.500		English
			France 24 Français	TV	DVB	3/4	27.500		French
			La Deux	TV	DVB	3/4	Y 27.500	Mediaguard 2	French
			La Une	TV	DVB	3/4	Y 27.500	Mediaguard 2	French
			RTL TVI	TV	DVB	3/4	Y 27.500	Mediaguard 2	French
D 11.258	H	Europe	RTBF International	radio	DVB	3/4	27.500		French
			<u>N</u>	package	DVB-S2	3/4	27.500	Conax	
			Eurosport 2 Bundesliga	TV	DVB-S2	3/4	27.500	Conax/Mediaguard 2/Nagravision 3	Polish,Danish
			Animal Planet Europe	TV	DVB-S2	3/4	27.500	Conax/Mediaguard 2	Polish
			NFilm HD	TV	DVB-S2	3/4	27.500	Conax	Polish,Polish
			Cinemax Central Europe	TV	DVB-S2	3/4	27.500	Conax	Polish
			Wojna i Pokój	TV	DVB-S2	3/4	27.500	Conax	Polish,Russian
			Cartoon Network Central & Eastern Europe	TV	DVB-S2	3/4	27.500	Conax	Polish
			Nat Geo Wild Europe	TV	DVB-S2	3/4	27.500	Conax	
			TCM Central & Eastern Europe	TV	DVB-S2	3/4	27.500	Conax	Polish
			TVP HD	TV	DVB-S2	3/4	27.500	Conax	Polish
			Cinemax 2 Central Europe	TV	DVB-S2	3/4	27.500	Conax	Polish
			ITVN Europe	TV	DVB-S2	3/4	Y 27.500	Conax	Polish
			NFilm HD 2	TV	DVB-S2	3/4	27.500	Conax	Polish,Polish
A 11.278	V	Europe	<u>Cyfra +</u>	package	DVB-S2	3/4	27.500	Conax/Cryptoworks/Mediaguard 2/Nagravision 3/Viaccess 3.0/Videoguard	
			Canal + Sport Polska	TV	DVB-S2	3/4	27.500	Mediaguard 2	Polish
			Canal + Film	TV	DVB-S2	3/4	27.500	Mediaguard 2	Polish
			FilmBox HD	TV	DVB-S2	3/4	27.500	Conax/Mediaguard 2	Polish,Czech
			Eurosport	TV	DVB-S2	3/4	27.500	Conax/Cryptoworks/Mediaguard 2/Nagravision 3/Viaccess 3.0/Videoguard	English,Turkish,Russian,Dutch,Czech,German,Portuguese,Polish,Hungarian,Bulgarian,Italian,Spanish
			National Geographic Channel HD UK	TV	DVB-S2	3/4	27.500	Mediaguard 2	Polish
D 11.296	H	Europe	<u>Al Jazeera Sport Channel</u>	package	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	
			Al Jazeera Sport Channel +7	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	Arabic,English
			Al Jazeera Sport Channel +10	TV	DVB	3/4	27.500	Irdeto 2/Viaccess 3.0	Arabic,English
			Al Jazeera Sport Channel +8	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	Arabic,English
			Al Jazeera Sport Channel +9	TV	DVB	3/4	27.500	Irdeto 2/Viaccess 3.0	Arabic,English
A 11.320	V	Europe	TV 5 Monde Europe	TV	PAL	6.60	Y	French	
			<u>Mediaset</u>	package	DVB-S2	?	27.500	Mediaguard 2	
D 11.334	H	Europe	Italia 1	TV	DVB-S2	?	27.500	Mediaguard 2	Italian
			Canale 5	TV	DVB-S2	?	27.500	Mediaguard 2	Italian
			Mya +1	TV	DVB-S2	?	27.500	Mediaguard 2	Italian
			Rete 4 +1	TV	DVB-S2	?	27.500	Mediaguard 2	Italian
D 11.355	V	Europe	<u>Sky Italia</u>	package	DVB	3/4	27.500	Videoguard	
			Voce	TV	DVB	3/4	27.500	Videoguard	Italian
			Music Box Italia	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky Primafila 32	TV	DVB	3/4	27.500	Videoguard	Italian
			Fox Life Italia +1	TV	DVB	3/4	27.500	Videoguard	Italian
			Live!	TV	DVB	3/4	27.500	Videoguard	Italian
			Hallmark Channel Italy	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky Primafila 31	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky Assist	TV	DVB	3/4	27.500	Videoguard	Italian

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.			
				Digital	FEC	MSy/s						
D 11.393	V	Europe	Sky Primafila 33	TV	DVB	3/4	27.500	Videoguard	Italian			
			Radio 105	radio	DVB	3/4	27.500	Videoguard	Italian			
			Radio on Sky	radio	DVB	3/4	27.500	Videoguard	Italian			
			M2o	radio	DVB	3/4	27.500	Videoguard	Italian			
			Virgin Radio Italia	radio	DVB	3/4	27.500	Videoguard	Italian			
			Radio Capital	radio	DVB	3/4	27.500	Videoguard	Italian			
			Radio Kiss Kiss	radio	DVB	3/4	27.500	Videoguard	Italian			
			RTL 102.5 FM	radio	DVB	3/4	27.500	Videoguard	Italian			
			R101	radio	DVB	3/4	27.500	Videoguard	Italian			
			Radio Italia	radio	DVB	3/4	27.500	Videoguard	Italian			
			Radio 24	radio	DVB	3/4	27.500	Videoguard	Italian			
			Radio Dimensione Suono	radio	DVB	3/4	27.500	Videoguard	Italian			
			RMC 1	radio	DVB	3/4	27.500	Videoguard	Italian			
			Radio DeeJay	radio	DVB	3/4	27.500	Videoguard	Italian			
			<u>Telewizja na karte</u>	package	DVB	3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0				
			D 11.411	H	Europe	TVN Meteo	TV	DVB	3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
						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 Turbo	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			
TVN Style	TV	DVB				3/4	Y 27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish			
<u>Telekom Srbija</u>	package	DVB				5/6	27.500					
French Lover TV	TV	DVB				5/6	27.500	Conax/Irdeto 2/SkyPilot/Viaccess 2.6/Viaccess 4.0	French			
D 11.432	V	Europe	Club Privé TV	TV	DVB	5/6	27.500	Irdeto 2/Viaccess 3.0	Italian			
			Al Hayat	TV	DVB	5/6	27.500		Arabic			
			Kanal Hayat	TV	DVB	5/6	27.500		Turkish			
			Tiziana Sat	TV	DVB	5/6	27.500		Italian			
			Redlight Premium Channel	TV	DVB	5/6	27.500	Irdeto 2/SkyPilot/Viaccess 2.6/Viaccess 3.0	Italian			
			Divafutura Channel	TV	DVB	5/6	27.500	Conax/Irdeto 2/SkyPilot/Viaccess 2.6	Italian			
			PTV	TV	DVB	5/6	27.500		Arabic			
			X-Dream TV	TV	DVB	5/6	27.500	Conax/Irdeto 2/SkyPilot/Viaccess 2.6/Viaccess 4.0	Italian			
			Redlight Premium Channel promo	TV	DVB	5/6	27.500		Italian			
			Free-X TV	TV	DVB	5/6	27.500	Conax/Irdeto 2/SkyPilot/Viaccess 2.6/Viaccess 4.0	Italian			
			Dorcel TV	TV	DVB	5/6	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 2.6/Viaccess 3.0	English,French,German			
			RTA	TV	DVB	5/6	27.500					
			RTS Satelit	TV	DVB	5/6	27.500		Serbian			
			Zee TV UK	TV	DVB	5/6	Y 27.500	Irdeto 2	Hindi			
			Zee TV Russia	TV	DVB	5/6	27.500	Irdeto 2	Russian			
			Zee Cinema UK	TV	DVB	5/6	Y 27.500	Irdeto 2	Hindi			
			Finest TV	TV	DVB	5/6	27.500		Turkish			
Free-X TV 2	TV	DVB	5/6	27.500	Conax/Irdeto 2/SkyPilot/Viaccess 2.6/Viaccess 4.0	Italian						
A 11.449	H	Europe	Radio Beograd 1	radio	DVB	5/6	27.500		Serbian			
			<u>Mediaset</u>	package	DVB-S2	?	27.500	Mediaguard 2				
			Canale 5	TV	DVB-S2	?	27.500	Mediaguard 2	Italian			
			Iris	TV	DVB-S2	?	27.500	Mediaguard 2	Italian			
			Rete 4	TV	DVB-S2	?	27.500	Mediaguard 2	Italian			
			MediaShopping	TV	DVB-S2	?	27.500	Mediaguard 2	Italian			
			BBC World News	TV	DVB-S2	?	27.500	Mediaguard 2	English			
			Coming Soon TV	TV	DVB-S2	?	27.500	Mediaguard 2	Italian			
			Class CNBC	TV	DVB-S2	?	27.500	Mediaguard 2	Italian			
			Boing	TV	DVB-S2	?	27.500	Mediaguard 2	Italian			
A 11.449	H	Europe	<u>N</u>	package	DVB-S2	2/3	27.500	Conax/Mediaguard 2/Nagravision 3				
			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			
			FilmBox HD	TV	DVB-S2	2/3	27.500	Conax/Mediaguard 2	Czech,Polish			
			TVN	TV	DVB-S2	2/3	27.500	Conax	Polish,Polish			
			VOD	TV	DVB-S2	2/3	27.500	Conax	Polish,English			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
D 11.471	V	Europe	<u>SatLink</u>	package	DVB	5/6	27.500		
			Tasvir e Iran	TV	DVB	5/6	27.500		Farsi
			Mohabat TV	TV	DVB	5/6	27.500		Farsi
			Blu	TV	DVB	5/6	27.500		Italian
			Italiani nel mondo Channel	TV	DVB	5/6	27.500		Italian
			Link promo	TV	DVB	5/6	27.500		Italian
			Rete Oro Sat	TV	DVB	5/6	27.500		Italian
			Spy TV	TV	DVB	5/6	27.500		Italian
			Nickelodeon Polska	TV	DVB	5/6	27.500	Conax/Cryptoworks/Nagravision 3	Polish,English
			PTV	TV	DVB	5/6	27.500		Arabic
			Ahlam X	TV	DVB	5/6	27.500		Arabic
			Sawalef X	TV	DVB	5/6	27.500		Arabic
			Dardasha TV	TV	DVB	5/6	27.500		
			Yahweh Prophetic TV	TV	DVB	5/6	27.500		English
			Al Minber TV	TV	DVB	5/6	27.500		Arabic
			RIK Sat	TV	DVB	5/6	27.500		Greek
			Luli	TV	DVB	5/6	27.500		
			MKTV Sat	TV	DVB	5/6	27.500		Macedonian
			Komala TV	TV	DVB	5/6	27.500		Kurdish
			Al Malakoot Sat	TV	DVB	5/6	27.500		Arabic
			Makedonsko Radio	radio	DVB	5/6	27.500		Macedonian
			Radio 74	radio	DVB	5/6	27.500		English
			Radio Vlaanderen	radio	DVB	5/6	27.500		Dutch
Radio Mojdeh	radio	DVB	5/6	27.500		Farsi			
Payam-e-Doost	radio	DVB	5/6	27.500		Farsi			
Radio Vlaanderen Info	radio	DVB	5/6	27.500		Dutch			
D 11.488	H	Europe	<u>Cyfra +</u>	package	DVB	3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 2.6/Viaccess 3.0	
			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
			ITV	TV	DVB	3/4	Y 27.500		Polish
			TVP Polonia	TV	DVB	3/4	Y 27.500		Polish
			TV Silesia	TV	DVB	3/4	Y 27.500		Polish
			Trace TV	TV	DVB	3/4	27.500	Mediaguard 2/Viaccess 2.6	French
			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
			TV Puls	TV	DVB	3/4	27.500		Polish
			TVP Kultura	TV	DVB	3/4	Y 27.500		Polish
			CNBC Europe	TV	DVB	3/4	27.500	Mediaguard 2	English
			Zone Reality Polska	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3	Polish,English
			Animal Planet Europe	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3	Polish
			D 11.508	V	Europe	<u>Grupa ITI</u>	package	DVB	5/6
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
N Sport	TV	DVB				5/6	27.500	Conax	Polish
TVP Sport	TV	DVB				5/6	27.500	Conax	Polish
Discovery Historia	TV	DVB				5/6	27.500	Conax/Viaccess 3.0	Polish
TVN Warszawa	TV	DVB				5/6	Y 27.500		Polish
D 11.526	H	Europe				<u>SRG SSR</u>	package	DVB	3/4
			TSR 1	TV	DVB	3/4	Y 27.500	Viaccess 2.6/Viaccess 4.0	French
			TSR 2	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
			RSI La 2	TV	DVB	3/4	Y 27.500	Viaccess 2.6/Viaccess 4.0	Italian
			Option Musique	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
			RSI Rete Due	radio	DVB	3/4	27.500		Italian
			Radio Suisse Classique	radio	DVB	3/4	27.500		French
			RSI Rete Uno	radio	DVB	3/4	27.500		Italian
			RSR Espace 2	radio	DVB	3/4	27.500		French
			RSR La 1ère	radio	DVB	3/4	27.500		French
			Couleur 3	radio	DVB	3/4	27.500		French
D 11.541	V	Europe	<u>M-Three satcom</u>	package	DVB	5/6	22.000		
			Italia 8 Prestige	TV	DVB	5/6	22.000		Italian
			Jewels La Sorgente 3	TV	DVB	5/6	22.000		Italian
			50 Canale	TV	DVB	5/6	22.000		Italian
			Toscana Channel	TV	DVB	5/6	22.000		Italian
			La Nuova TV	TV	DVB	5/6	22.000		Italian
			Teletirreno	TV	DVB	5/6	22.000		Italian
			Thou TV	TV	DVB	5/6	22.000		Italian
			BergamoSat	TV	DVB	5/6	22.000		Italian

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC	MSy/s			
			Sardegna Channel Sat	TV	DVB	5/6	22.000		Italian
			YouDem TV	TV	DVB	5/6	22.000		Italian
			RED	TV	DVB	5/6	22.000		Italian
			Umbria Channel Sat	TV	DVB	5/6	22.000		Italian
			La 7	TV	DVB	5/6	Y 22.000	Nagravision 3	Italian
			T Sat	TV	DVB	5/6	22.000		Italian
			Jewels La Sorgente 1	TV	DVB	5/6	22.000		
			Wewell Channel promo	TV	DVB	5/6	22.000		Italian
			Health & Beauty TV	TV	DVB	5/6	22.000		Italian
			Tivù Tivù	TV	DVB	5/6	22.000		Italian
			Radio Onda d'Urto	radio	DVB	5/6	22.000		Italian
			R101	radio	DVB	5/6	22.000		Italian
			Radio Kolbe	radio	DVB	5/6	22.000		Italian
			DiscoRadio	radio	DVB	5/6	22.000		Italian
			Radio DeeJay	radio	DVB	5/6	22.000		Italian
			M2o	radio	DVB	5/6	22.000		Italian
			Radio Sacra Famiglia InBlu	radio	DVB	5/6	22.000		Italian
			Radio Iglesias	radio	DVB	5/6	22.000		Italian
			Radio Capital	radio	DVB	5/6	22.000		Italian
			Radio Millennium	radio	DVB	5/6	22.000		Italian
			Radio Kiss Kiss	radio	DVB	5/6	22.000		Italian
			Radio Cuore 2	radio	DVB	5/6	22.000		Italian
			Radio Buon Consiglio	radio	DVB	5/6	22.000		Italian
			Radio Cuore	radio	DVB	5/6	22.000		Italian
			Virgin Radio Italia	radio	DVB	5/6	22.000		Italian
			RMC 2	radio	DVB	5/6	22.000		Italian
			Radio Padre Pio	radio	DVB	5/6	22.000		Italian
			Radio 24	radio	DVB	5/6	22.000		Italian
D 11.566	H	Europe	<u>Overon</u>	package	DVB	3/4	27.500		
			Ulibka Rebyonka	TV	DVB	3/4	27.500		Russian
			Huda TV	TV	DVB	3/4	27.500		English
			Nour TV	TV	DVB	3/4	27.500		Farsi
			CallShop	TV	DVB	3/4	27.500		
			Good Shepherd TV	TV	DVB	3/4	27.500		Arabic
			Salaam TV	TV	DVB	3/4	27.500		Arabic
			JCTV	TV	DVB	3/4	27.500		English
			Nejat TV	TV	DVB	3/4	27.500		Farsi
			TBN Rossiya	TV	DVB	3/4	27.500		Russian
			The Healing Channel	TV	DVB	3/4	27.500		Arabic
			Smile of a Child TV	TV	DVB	3/4	27.500		English
			The Church Channel	TV	DVB	3/4	27.500		English
			TBN Italia	TV	DVB	3/4	27.500		Italian
			Enlace TBN Europa	TV	DVB	3/4	27.500		Spanish
			TBN Europe	TV	DVB	3/4	27.500		English
			Radio Kalima Tunisie	radio	DVB	3/4	27.500		Arabic
D 11.585	V	Europe	<u>GlobeCast World TV</u>	package	DVB	3/4	27.500		
			121 Persia	TV	DVB	3/4	27.500		
			E*TV Satellite	TV	DVB	3/4	27.500		Italian
			Rebel TV	TV	DVB	3/4	27.500		
			Casting Channel	TV	DVB	3/4	27.500		Italian
			Inspiration Network International	TV	DVB	3/4	27.500		English
			Tishk TV	TV	DVB	3/4	27.500		Kurdish
			India Contact	TV	DVB	3/4	27.500		
			1 Minute TV	TV	DVB	3/4	27.500		Italian
			121 Pakistan	TV	DVB	3/4	27.500		
			121 Salam	TV	DVB	3/4	27.500		
			EWTN UK	TV	DVB	3/4	27.500		English
			Payam TV	TV	DVB	3/4	27.500		Arabic
			Mondo Arte	TV	DVB	3/4	27.500		Italian
			TV Globo Internacional Europa/África	TV	DVB	3/4	27.500	Nagravision 2/Viaccess 2.5	Portuguese
			Ariana TV Network International	TV	DVB	3/4	27.500		
			Dreamz	TV	DVB	3/4	27.500		
			Viva l'Italia Channel	TV	DVB	3/4	27.500		Italian
			Kalaignar TV UK	TV	DVB	3/4	27.500		Tamil
			Nessma	TV	DVB	3/4	27.500		Arabic
			Galaxy TV	TV	DVB	3/4	27.500		Italian
			Daystar TV	TV	DVB	3/4	27.500		English
			Cassiopea	TV	DVB	3/4	27.500		Italian
			Islam Channel	TV	DVB	3/4	27.500		English
			Payam Quran	radio	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	<u>Media Broadcast</u>	package	DVB	5/6	27.500		
			Das Erste	TV	DVB	5/6	Y 27.500		German
			DW-TV Europe	TV	DVB	5/6	Y 27.500		
			RTL 2 Schweiz	TV	DVB	5/6	Y 27.500		German
			Allaj TV	TV	DVB	5/6	27.500		Arabic
			121 India	TV	DVB	5/6	27.500		Arabic
			Napoli TLA	TV	DVB	5/6	27.500		Italian
			Love TV	TV	DVB	5/6	27.500		Arabic
			Italiamia Sat	TV	DVB	5/6	27.500		Italian
			Erde & Mensch	TV	DVB	5/6	27.500		German
			Arab Babes	TV	DVB	5/6	27.500		Arabic
			Al-Jameela TV	TV	DVB	5/6	27.500		Arabic
			Nisa 2 18+	TV	DVB	5/6	27.500		Arabic
			Arab XXX	TV	DVB	5/6	27.500		Arabic
			ASO Sat	TV	DVB	5/6	27.500		Kurdish
			Lebniyat TV	TV	DVB	5/6	27.500		Arabic
			Ethnic TV	TV	DVB	5/6	27.500		Czech
			Arab-Jins TV	TV	DVB	5/6	27.500		Arabic
			Sexty9 Arab	TV	DVB	5/6	27.500		Arabic
			Hot Arab	TV	DVB	5/6	27.500		Arabic
			Arab 69	TV	DVB	5/6	27.500		Arabic
			7 armanat Nar	TV	DVB	5/6	27.500		Arabic
			Tele A	TV	DVB	5/6	27.500		Italian
			Pali	TV	DVB	5/6	27.500		Russian
			DW-TV Arabia	TV	DVB	5/6	27.500		
			TV Capital	TV	DVB	5/6	27.500		Italian
			DW-Radio M	radio	DVB	5/6	27.500		
			DW-Radio 4	radio	DVB	5/6	27.500		
			China Radio International	radio	DVB	5/6	27.500		
			DW-Radio 3	radio	DVB	5/6	27.500		
			DW-Radio 9	radio	DVB	5/6	27.500		
			DW-Radio 8	radio	DVB	5/6	27.500		
			Radio Nederland Wereldomroep	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 5	radio	DVB	5/6	27.500					
DW-Radio 2	radio	DVB	5/6	27.500		English			
DW-Radio 6	radio	DVB	5/6	27.500					
D 11.623	V	Europe	<u>GlobeCast</u>	package	DVB	3/4	27.500		
			4U India	TV	DVB	3/4	27.500		
			Italia Channel	TV	DVB	3/4	27.500		Italian
			Cartomanzia Lotto	TV	DVB	3/4	27.500		Italian
			Cee (I) TV	TV	DVB	3/4	27.500		Tamil
			Pianeta TV	TV	DVB	3/4	27.500		Italian
			Telepù	TV	DVB	3/4	27.500		Italian
			ARTE Français	TV	DVB	3/4	Y 27.500		French,German
			Abu Dhabi Al Riyadiya 1	TV	DVB	3/4	27.500		Arabic
			Dan Tamil Oli	TV	DVB	3/4	27.500		Tamil
			Sexy Sat TV 2	TV	DVB	3/4	27.500		
			TVR International	TV	DVB	3/4	Y 27.500		Romanian
			K+	TV	DVB	3/4	27.500		Russian
			El Hob TV	TV	DVB	3/4	27.500		
			Al Love	TV	DVB	3/4	27.500		
			Beur TV	TV	DVB	3/4	27.500		French
			KBS World	TV	DVB	3/4	27.500	Mediaguard 2/Viaccess 2.5	Korean
			RTL 102.5 RadioVisione	TV	DVB	3/4	27.500		Italian
			Radio România International	radio	DVB	3/4	27.500		
			RTL 102.5 Classic	radio	DVB	3/4	27.500		Italian
			RadioClassica	radio	DVB	3/4	27.500		Italian
			Tamil Alai	radio	DVB	3/4	27.500		Tamil
			ARTE Radio	radio	DVB	3/4	27.500		French
			RTL 102.5 FM	radio	DVB	3/4	27.500		Italian
			RTL 102.5 Groove	radio	DVB	3/4	27.500		Italian
			RTL 102.5 Italian Style	radio	DVB	3/4	27.500		Italian
			RTL 102.5 Radio Guardia Costiera	radio	DVB	3/4	27.500		Italian
România în direct	radio	DVB	3/4	27.500		Romanian			
D 11.642	H	Europe	Live Channel	TV	DVB	3/4	27.500		Farsi
D 11.642	H	Europe	KNN Channel	TV	DVB	3/4	27.500		Kurdish
D 11.642	H	Europe	LoveWorld Sat	TV	DVB	3/4	27.500		English
D 11.642	H	Europe	Azad TV International	TV	DVB	3/4	27.500		Azerbaijan

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
D 11.642	H	Europe	ERT World	TV	DVB	3/4	Y 27.500		Greek
D 11.642	H	Europe	Korek TV	TV	DVB	3/4	27.500		Kurdish
D 11.642	H	Europe	Al Rasheed TV	TV	DVB	3/4	27.500		Arabic
D 11.642	H	Europe	ICC	TV	DVB	3/4	27.500		Farsi
D 11.642	H	Europe	Kanal 4	TV	DVB	3/4	27.500		Kurdish
D 11.642	H	Europe	Bloomberg TV Europe	TV	DVB	3/4	27.500		English
D 11.642	H	Europe	Miracle	TV	DVB	3/4	27.500		Arabic
D 11.642	H	Europe	Sat 7 Pars	TV	DVB	3/4	27.500		Farsi
D 11.642	H	Europe	Bag TV	TV	DVB	3/4	27.500		Italian
D 11.642	H	Europe	Passione Pesca	TV	DVB	3/4	27.500		Italian
D 11.642	H	Europe	ERA Spor 101.8	radio	DVB	3/4	27.500		Greek
D 11.642	H	Europe	Voice of Greece	radio	DVB	3/4	27.500		Greek
D 11.642	H	Europe	Trito Programma	radio	DVB	3/4	27.500		Greek
D 11.642	H	Europe	Deytero 103.7	radio	DVB	3/4	27.500		Greek
D 11.642	H	Europe	NET 105.8	radio	DVB	3/4	27.500		Greek
D 11.642	H	Europe	Radio Zamaneh	radio	DVB	3/4	27.500		Farsi
D 11.642	H	Europe	Radio Koprivnica	radio	DVB	3/4	27.500		Croatian
D 11.642	H	Europe	Radio Eviva	radio	DVB	3/4	27.500		German
D 11.642	H	Europe	Al Rasheed FM	radio	DVB	3/4	27.500		Arabic
D 11.642	H	Europe	Radio Mir Medjugorje	radio	DVB	3/4	27.500		Croatian
D 11.642	H	Europe	Radio Marija	radio	DVB	3/4	27.500		Croatian
D 11.662	V	Europe	<u>Telespazio</u>	package	DVB	3/4	27.500		
			Conto TV 1	TV	DVB	3/4	27.500	Conax/Videoguard	Italian
			Rolsat	TV	DVB	3/4	27.500		Italian
			Conto TV promo	TV	DVB	3/4	27.500		Italian
			Italy Sat	TV	DVB	3/4	27.500		Italian
			Roma Sat	TV	DVB	3/4	27.500		Italian
			Canale 8 Sat	TV	DVB	3/4	27.500		Italian
			Telecolore	TV	DVB	3/4	27.500		Italian
			GoldShop	TV	DVB	3/4	27.500		Italian
			Libera	TV	DVB	3/4	27.500		Italian
			Italy Italy	TV	DVB	3/4	27.500		Italian
			Punto Sat 1	TV	DVB	3/4	27.500		Italian
			Teleitalia TV promo	TV	DVB	3/4	27.500		Italian
			Conto TV 2	TV	DVB	3/4	27.500	Conax/Videoguard	Italian
			Link promo	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
			Conto TV 3	TV	DVB	3/4	27.500	Conax/Videoguard	Italian
			Blu	TV	DVB	3/4	27.500		Italian
			AB Channel	TV	DVB	3/4	27.500		Italian
			Extra 3	TV	DVB	3/4	27.500		Greek
			Napoli Mia	TV	DVB	3/4	27.500		Italian
			TR 2 Sat	TV	DVB	3/4	27.500		Italian
			3 Channel	TV	DVB	3/4	27.500		Italian
D 11.681	H	Europe	<u>Bis</u>	package	DVB	3/4	27.500	Cryptoworks/Mediaguard 2/Viaccess 2.5/Viaccess 3.0	
			Action	TV	DVB	3/4	Y 27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	French
			AB 1	TV	DVB	3/4	Y 27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	French
			AB Moteurs	TV	DVB	3/4	Y 27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	French
			Animaux	TV	DVB	3/4	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	French
			Chasse & Pêche	TV	DVB	3/4	Y 27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	French
			XXL	TV	DVB	3/4	Y 27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	French
			TF 1	TV	DVB	3/4	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	French
			Escales	TV	DVB	3/4	Y 27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	French
			NT1	TV	DVB	3/4	Y 27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	French
			Mangas	TV	DVB	3/4	Y 27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	French
			Encyclo	TV	DVB	3/4	Y 27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	French
			RTL 9	TV	DVB	3/4	Y 27.500	Cryptoworks/Mediaguard 2/Viaccess 2.5/Viaccess 3.0	French
			France 5	TV	DVB	3/4	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	French
			France Ô	TV	DVB	3/4	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	French
			LCP	TV	DVB	3/4	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	French
			BFM TV	TV	DVB	3/4	27.500		French
			Toute l'Histoire	TV	DVB	3/4	Y 27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	French
D 11.727	V	Europe	<u>TSA</u>	package	DVB	3/4	27.500	Conax/Irdeto 2/Viaccess 2.6/Videoguard	
			Satisfaction Privé	TV	DVB	3/4	27.500	Irdeto 2/Viaccess 2.6	Italian
			AVA Music Channel	TV	DVB	3/4	27.500		Farsi

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio	MHz	Text	Access	Lang.
				Digital	FEC	MSy/s				
			TVE Internacional Europe	TV	DVB	3/4	Y 27.500			Spanish
			DM Digital Euro	TV	DVB	3/4	27.500			
			Teleitalia Oro	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
			Tak TV	TV	DVB	3/4	27.500			English
			Satisfaction Italy	TV	DVB	3/4	27.500	Irdeto 2/Viaccess 2.6		Italian
			Satisfacton Poker	TV	DVB	3/4	27.500	Irdeto 2/Viaccess 2.6		Italian
			SCT	TV	DVB	3/4	27.500	Irdeto 2/Viaccess 2.6/Videoguard		Italian
			Teleitalia Plus	TV	DVB	3/4	27.500	Irdeto 2/Viaccess 2.6/Videoguard		Italian
			BBC Arabic	TV	DVB	3/4	27.500			Arabic
			Teleitalia Sport	TV	DVB	3/4	27.500	Irdeto 2/Viaccess 2.6/Videoguard		Italian
			Canal 24 Horas	TV	DVB	3/4	Y 27.500			Spanish
			BBC World Service English Middle East	radio	DVB	3/4	27.500			English
			RNE Radio Nacional	radio	DVB	3/4	27.500			Spanish
			RNE Radio 5	radio	DVB	3/4	27.500			Spanish
			Radio Exterior de España	radio	DVB	3/4	27.500			
			RNE Ràdio 4	radio	DVB	3/4	27.500			Catalan
			RNE Radio 3	radio	DVB	3/4	27.500			Spanish
			RNE Radio Clásica	radio	DVB	3/4	27.500			Spanish
			BBC World Service English Europe	radio	DVB	3/4	27.500			English
			BBC World Service English News	radio	DVB	3/4	27.500			English
			BBC World Service Arabic	radio	DVB	3/4	27.500			Arabic
			BBC World Service Albanian	radio	DVB	3/4	27.500			Albanian
			BBC World Service Turkish	radio	DVB	3/4	27.500			Turkish
			BBC World Service Azeri	radio	DVB	3/4	27.500			Azerbaijan
			BBC World Service Ukrainian	radio	DVB	3/4	27.500			Ukrainian
			BBC World Service Balkan	radio	DVB	3/4	27.500			
			BBC World Service Romanian	radio	DVB	3/4	27.500			Romanian
			BBC World Service Russian	radio	DVB	3/4	27.500			Russian
			BBC World Service Persian	radio	DVB	3/4	27.500			Farsi
D 11.747	H	Europe	<u>Du</u>	package	DVB	3/4	27.500			
			Inter TV Shop	TV	DVB	3/4	27.500			Turkish
			EZ Shop	TV	DVB	3/4	27.500			Arabic
			Sama Dubai	TV	DVB	3/4	27.500			Arabic
			Al Sharqiya TV	TV	DVB	3/4	27.500			Arabic
			ME Shop	TV	DVB	3/4	27.500			Arabic
			Dubai Sports 3	TV	DVB	3/4	27.500			English,Arabic
			PMC	TV	DVB	3/4	27.500			Farsi
			Dubai TV Europe	TV	DVB	3/4	27.500			Arabic
			MBC Maghreb Al-Arabia	TV	DVB	3/4	27.500			Arabic
			Al Arabiya	TV	DVB	3/4	27.500			Arabic
			MBC FM	radio	DVB	3/4	27.500			Arabic
D 11.766	V	Europe	<u>RAI</u>	package	DVB	2/3	27.500			
			Rai Due	TV	DVB	2/3	Y 27.500			Italian
			RaiSat Extra	TV	DVB	2/3	27.500	Nagravision 3		Italian
			Rai Uno	TV	DVB	2/3	Y 27.500			Italian
			Rai Tre	TV	DVB	2/3	Y 27.500			Italian
			Rai Scuola	TV	DVB	2/3	27.500			Italian
			RaiSat Yoyo	TV	DVB	2/3	27.500	Nagravision 3		Italian
			Senato TV	TV	DVB	2/3	27.500			Italian
			Rai Med	TV	DVB	2/3	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	<u>Sky Italia</u>	package	DVB-S2	2/3	27.500	Videoguard		
			Sky Calcio 1	TV	DVB-S2	2/3	27.500	Videoguard		Italian
			Fox Crime Italia	TV	DVB-S2	2/3	27.500	Videoguard		Italian
			National Geographic Channel HD Italia	TV	DVB-S2	2/3	27.500	Videoguard		Italian
			Sky Calcio 2	TV	DVB-S2	2/3	27.500	Videoguard		Italian
			Fox Italia	TV	DVB-S2	2/3	27.500	Videoguard		Italian
D 11.804	V	Europe	<u>RAI</u>	package	DVB	2/3	27.500			
			Rai Gulp	TV	DVB	2/3	27.500			Italian
			Rai Sport +	TV	DVB	2/3	27.500			Italian
			RaiSat Prem1um	TV	DVB	2/3	27.500	Nagravision 3		Italian
			Rai Storia	TV	DVB	2/3	27.500			Italian
			Rai News 24	TV	DVB	2/3	27.500			Italian
			Camera dei Deputati	TV	DVB	2/3	27.500			Italian
			TV 2000	TV	DVB	2/3	Y 27.500			Italian

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC	MSy/s			
D 11.823	H	Europe	Rai Nettuno Sat Uno	TV	DVB	2/3	27.500		Italian
			Isoradio	radio	DVB	2/3	27.500		Italian
			Rai Radio 3	radio	DVB	2/3	27.500		Italian
			Radio InBlu	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		
			Rai Radio 1	radio	DVB	2/3	27.500		Italian
			Rai Radio 2	radio	DVB	2/3	27.500		Italian
			Filodiffusione 5	radio	DVB	2/3	27.500		Italian
			Nova	package	DVB	3/4	27.500	Irdeto 2	
			Disney XD Hellas	TV	DVB	3/4	27.500	Irdeto 2	Greek,English
			Alter Channel	TV	DVB	3/4	Y 27.500	Irdeto 2	Greek
			Star Channel	TV	DVB	3/4	Y 27.500	Irdeto 2	Greek
			Alpha TV	TV	DVB	3/4	Y 27.500	Irdeto 2	Greek
			ANT 1	TV	DVB	3/4	Y 27.500	Irdeto 2	Greek
			Mega TV	TV	DVB	3/4	Y 27.500	Irdeto 2	Greek
			Novacinema 1	TV	DVB	3/4	27.500	Irdeto 2	Greek
			Novasports 1	TV	DVB	3/4	27.500	Irdeto 2	Greek
			Love Radio 97.5	radio	DVB	3/4	27.500	Irdeto 2	Greek
			Melodia FM 99.2	radio	DVB	3/4	27.500	Irdeto 2	Greek
D 11.843	V	Europe	Ecclesia Radio	radio	DVB	3/4	27.500		Greek
			SKAĪ 100.3 FM	radio	DVB	3/4	27.500	Irdeto 2	Greek
			Sky Italia	package	DVB	3/4	27.500	Videoguard	
			Sky Inside	TV	DVB	3/4	27.500		Italian
			The History Channel Italia	TV	DVB	3/4	27.500	Videoguard	Italian
			JimJam Italia	TV	DVB	3/4	27.500	Videoguard	Italian
			Jimmy Italia	TV	DVB	3/4	27.500	Videoguard	Italian
			Yacht & Sail Channel	TV	DVB	3/4	27.500	Videoguard	Italian
			Fox Crime Italia +1	TV	DVB	3/4	27.500	Videoguard	Italian
			Caccia e Pesca	TV	DVB	3/4	27.500	Videoguard	Italian
			Moto TV	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky Italia	package	DVB	3/4	27.500	Videoguard	
			Sky Meteo 24	TV	DVB	3/4	27.500	Videoguard	Italian
D 11.862	H	Europe	FX Italia	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky TG 24 active Speciale	TV	DVB	3/4	27.500	Videoguard	Italian
			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 TG 24 active mosaic	TV	DVB	3/4	27.500	Videoguard	Italian
			Current TV Italia	TV	DVB	3/4	27.500	Videoguard	Italian
			SNAI Sat	TV	DVB	3/4	27.500	Videoguard	Italian
			Nat Geo Music	TV	DVB	3/4	27.500	Videoguard	Italian,English
			Sky TG 24 active In primo piano	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky Italia	package	DVB	3/4	27.500	Videoguard	
			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
			Fox Italia +1	TV	DVB	3/4	27.500	Videoguard	Italian
			Marco Polo	TV	DVB	3/4	27.500	Videoguard	Italian
			Cult	TV	DVB	3/4	27.500	Videoguard	Italian
National Geographic Channel Italia	TV	DVB	3/4	27.500	Videoguard	Italian			
D 11.900	H	Europe	Sky Italia	package	DVB	3/4	27.500	Videoguard	
			Sky Calcio 9	TV	DVB	3/4	27.500	Videoguard	Italian,English
			Sky Sport 16:9	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky Primafila 16	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky Primafila 21	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky Primafila 17	TV	DVB	3/4	27.500	Videoguard	Italian
			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 Calcio 13	TV	DVB	3/4	27.500	Videoguard	Italian,English
			Sky Calcio 8	TV	DVB	3/4	27.500	Videoguard	Italian,English
			Sky Cinema Classics	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky Calcio 10	TV	DVB	3/4	27.500	Videoguard	Italian,English
			Sky Primafila 22	TV	DVB	3/4	27.500	Videoguard	Italian
			D 11.919	V	Europe	Mediaset	package	DVB	2/3
Rete 4	TV	DVB				2/3	Y 27.500		Italian
Italia 1	TV	DVB				2/3	Y 27.500		Italian
Canale 5	TV	DVB				2/3	Y 27.500	Mediaguard 2/Nagravision 3	Italian
Boing	TV	DVB				2/3	27.500	Mediaguard 2/Nagravision 3	Italian
Canale 5	TV	DVB				2/3	Y 27.500		Italian

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.			
				Digital	FEC							
D 11.938	H	Europe	Iris	TV	DVB	2/3	27.500	Mediaguard 2/Nagravision 3	Italian			
			Radio Mater	radio	DVB	2/3	27.500		Italian			
			Nova	package	DVB	3/4	27.500	Irdeto 2				
			Boomerang Central & Eastern Europe	TV	DVB	3/4	27.500	Irdeto 2	English,Greek			
			The History Channel South Africa	TV	DVB	3/4	27.500	Irdeto 2	English			
			Private Spice	TV	DVB	3/4	27.500	Irdeto 2	English			
			Novacinema 3	TV	DVB	3/4	27.500	Irdeto 2	Greek			
			Novasports 4	TV	DVB	3/4	27.500	Irdeto 2	Greek			
			Novasports Highlights	TV	DVB	3/4	27.500	Irdeto 2	Greek			
			Novasports 6	TV	DVB	3/4	27.500	Irdeto 2	Greek			
			E! EMEA	TV	DVB	3/4	27.500	Irdeto 2	English			
			Playboy TV	TV	DVB	3/4	27.500	Irdeto 2	English			
			Alfa TV	TV	DVB	3/4	27.500	Irdeto 2	English,Greek			
			Lumiere TV	TV	DVB	3/4	27.500	Irdeto 2	English,Greek			
			Mad Radio 106.2	radio	DVB	3/4	27.500	Irdeto 2	Greek			
D 11.958	V	Europe	Nova games	interacti	DVB	3/4	27.500	Irdeto 2				
			Sky Italia	package	DVB	3/4	27.500	Videoguard				
			Sky Sport 24	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Sport 1	TV	DVB	3/4	27.500	Videoguard	Italian			
			Discovery Channel Italia	TV	DVB	3/4	27.500	Videoguard	Italian			
			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			
			Sky Sport Active 1	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky SuperCalcio	TV	DVB	3/4	27.500	Videoguard	Italian,English			
			Sky Sport 2	TV	DVB	3/4	27.500	Videoguard	Italian			
			D 11.977	H	Europe	Sky Italia	package	DVB	3/4	27.500	Videoguard	
						Fox Retro	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
Fox Italia	TV	DVB				3/4	27.500	Videoguard	Italian			
Zone Fantasy	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			
The History Channel Italia +1	TV	DVB				3/4	27.500	Videoguard	Italian			
Nat Geo Adventure	TV	DVB				3/4	27.500	Videoguard	Italian			
National Geographic Channel Italia +1	TV	DVB				3/4	27.500	Videoguard	Italian			
A 11.996	V	Europe				Sky Italia	package	DVB-S2	2/3	27.500	Videoguard	
						Sky Sport 3	TV	DVB-S2	2/3	27.500	Videoguard	Italian
						Sky SuperCalcio	TV	DVB-S2	2/3	27.500	Videoguard	Italian
						Sky Calcio 8	TV	DVB-S2	2/3	27.500	Videoguard	Italian,English
			Sky Sport 1	TV	DVB-S2	2/3	27.500	Videoguard	Italian			
			Sky Sport 2	TV	DVB-S2	2/3	27.500	Videoguard	Italian			
D 12.015	H	Europe	Arabesque	package	DVB	3/4	27.500	Viaccess 2.5				
			Iqraa	TV	DVB	3/4	27.500		Arabic			
			ART Hekayat	TV	DVB	3/4	27.500	Viaccess 2.5	Arabic			
			ART Cinema	TV	DVB	3/4	27.500	Viaccess 2.5	Arabic			
			Future News	TV	DVB	3/4	27.500		Arabic			
			LBC Europe	TV	DVB	3/4	27.500	Viaccess 2.5	Arabic			
			ART Movie 2	TV	DVB	3/4	27.500	Viaccess 2.5	Arabic			
			ART Movie 1	TV	DVB	3/4	27.500	Viaccess 2.5	Arabic			
			Al Jazeera Sport Channel Global	TV	DVB	3/4	27.500		Arabic			
			ART Hekayat Kaman	TV	DVB	3/4	27.500	Viaccess 2.5	Arabic			
			Program One	radio	DVB	3/4	27.500		Arabic			
			Radio Quran	radio	DVB	3/4	27.500		Arabic			
			ART Al-Thekr	radio	DVB	3/4	27.500		Arabic			
			D 12.034	V	Europe	Sky Italia	package	DVB	3/4	27.500	Videoguard	
						E! Italia	TV	DVB	3/4	27.500	Videoguard	Italian
Sky Cinema Mania	TV	DVB				3/4	27.500	Videoguard	Italian			
Playhouse Disney Italia	TV	DVB				3/4	27.500	Videoguard	Italian			
Cielo	TV	DVB				3/4	27.500		Italian			
Sky Cinema Max	TV	DVB				3/4	27.500	Videoguard	Italian			
Sky Uno +1	TV	DVB				3/4	27.500	Videoguard	Italian			
Disney Channel Italia	TV	DVB				3/4	27.500	Videoguard	Italian			
ESPN America Europe	TV	DVB				3/4	27.500	Videoguard	English			
Sky Cinema 1	TV	DVB				3/4	27.500	Videoguard	Italian			
Sky Cinema Family	TV	DVB	3/4	27.500	Videoguard	Italian						
D 12.054	H	Europe	Sky Italia	package	DVB	3/4	27.500	Videoguard				
			Sky Sport 3	TV	DVB	3/4	27.500	Videoguard	Italian			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.			
				Digital	FEC							
D 12.073	V	Europe	Sky Calcio 15	TV	DVB	3/4	27.500	Videoguard	Italian,English			
			Sky Sport Extra	TV	DVB	3/4	27.500	Videoguard	Italian			
			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			
			Sky Calcio 14	TV	DVB	3/4	27.500	Videoguard	Italian,English			
			Sky Calcio 1	TV	DVB	3/4	27.500	Videoguard	Italian,English			
			<u>Sky Italia</u>	package	DVB	3/4	27.500	Videoguard				
			Sky Calcio 5	TV	DVB	3/4	27.500	Videoguard	Italian,English			
			Sky Calcio 4	TV	DVB	3/4	27.500	Videoguard	Italian,English			
			Sky Primafila 5	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Calcio 7	TV	DVB	3/4	27.500	Videoguard	Italian,English			
			Sky Calcio 6	TV	DVB	3/4	27.500	Videoguard	Italian,English			
			Sky Calcio 3	TV	DVB	3/4	27.500	Videoguard	Italian,English			
			Sky Calcio 2	TV	DVB	3/4	27.500	Videoguard	Italian,English			
			Sky Primafila 30	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Primafila 34	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Primafila 29	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Primafila 27	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Primafila 11	TV	DVB	3/4	27.500	Videoguard	Italian			
D 12.092	H	Europe	<u>Sky Italia</u>	package	DVB	3/4	27.500	Videoguard				
			CNN International Europe	TV	DVB	3/4	27.500	Videoguard	English			
			BBC Entertainment Europe	TV	DVB	3/4	27.500	Videoguard	English			
			AXN Italia	TV	DVB	3/4	27.500	Videoguard	Italian			
			Discovery Travel & Living Europe	TV	DVB	3/4	27.500	Videoguard	Italian			
			Discovery Science Channel	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky HD promo	TV	DVB	3/4	27.500	Videoguard	Italian			
			Comedy Central Italia +1	TV	DVB	3/4	27.500	Videoguard	Italian			
			Nick Jr Italia	TV	DVB	3/4	27.500	Videoguard	Italian			
			Lady Channel	TV	DVB	3/4	27.500	Videoguard	Italian			
			Onda Latina	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Cinema Italia	TV	DVB	3/4	27.500	Videoguard	Italian			
			Class CNBC	TV	DVB	3/4	27.500	Videoguard	Italian			
			D 12.111	V	Europe	<u>Telespazio</u>	package	DVB	3/4	27.500		
						Architecture Construction Materials Channel	TV	DVB	3/4	27.500		Italian
						Puglia Channel	TV	DVB	3/4	27.500		Italian
						Bethel TV	TV	DVB	3/4	27.500		Italian
						Challenger TV	TV	DVB	3/4	27.500		Italian
						Sender Neu Jerusalem	TV	DVB	3/4	27.500		German
						TeleFoggia	TV	DVB	3/4	27.500		Italian
Telemarket 2	TV	DVB				3/4	27.500		Italian			
Mediterraneo Sat	TV	DVB				3/4	27.500		Italian			
Al Jazeera Channel	TV	DVB				3/4	27.500		Arabic			
High Life TV	TV	DVB				3/4	27.500		Italian			
Al Jazeera Mobasher	TV	DVB				3/4	27.500		Arabic			
Al Jazeera Documentary	TV	DVB				3/4	27.500		Arabic			
Radio Radio TV	TV	DVB				3/4	27.500		Italian			
Radio Vacri	radio	DVB				3/4	27.500					
Radio Maria Italia	radio	DVB				3/4	27.500		Italian			
Radio Zeta	radio	DVB				3/4	27.500		Italian			
CRC FM	radio	DVB				3/4	27.500		Italian			
Radio Radicale	radio	DVB				3/4	27.500		Italian			
Radio Italia Anni 60	radio	DVB				3/4	27.500		Italian			
Dimensione Suono Roma	radio	DVB	3/4	27.500		Italian						
Radio Dimensione Suono	radio	DVB	3/4	27.500		Italian						
Radio Popolare	radio	DVB	3/4	27.500		Italian						
Radio Padania Libera	radio	DVB	3/4	27.500		Italian						
Radio Italia	radio	DVB	3/4	27.500		Italian						
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						
D 12.130	H	Europe	<u>Nova</u>	package	DVB	3/4	27.500	Irdeto 2				
			Nova promo	TV	DVB	3/4	27.500		Greek			
			Chasse & Pêche	TV	DVB	3/4	27.500	Irdeto 2	French			
			Fox Life Greece	TV	DVB	3/4	27.500	Irdeto 2				
D 12.149	V	Europe	Disney Channel Middle East	TV	DVB	3/4	27.500	Irdeto 2	English,Greek			
			<u>Antenna Hungária</u>	package	DVB	3/4	27.500					
			Salento Channel	TV	DVB	3/4	27.500		Italian			
			CCTV 4 Europe	TV	DVB	3/4	27.500		Chinese			
			CaspioNet	TV	DVB	3/4	27.500					

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.		
				Digital	FEC	MSy/s					
D 12.169	H	Europe	Lider TV	TV	DVB	3/4	27.500			Azerbaijan	
			Tunisie 7	TV	DVB	3/4	Y 27.500			Arabic	
			Duna I	TV	DVB	3/4	Y 27.500			Hungarian	
			Studio 100 Sat	TV	DVB	3/4	27.500			Italian	
			Al Shababiyah	TV	DVB	3/4	27.500			Arabic	
			Fuego TV	TV	DVB	3/4	27.500			Italian	
			In TV	TV	DVB	3/4	27.500			Italian	
			Ulisse	TV	DVB	3/4	27.500			Italian	
			Equidia	TV	DVB	3/4	27.500	Viaccess 2.5/Viaccess 3.0			French
			NPL Gest	TV	DVB	3/4	27.500				Italian
			MR 4 Nemzetiségi adások	radio	DVB	3/4	27.500				
			Lider Jazz Radio	radio	DVB	3/4	27.500				Azerbaijan
			Radio Città Futura	radio	DVB	3/4	27.500				Italian
			Radio Nazionale	radio	DVB	3/4	27.500				Arabic
			Rete Sport	radio	DVB	3/4	27.500				Italian
			Tunisie Culture	radio	DVB	3/4	27.500				Arabic
			Radio 6	radio	DVB	3/4	27.500				Italian
			Ecoradio	radio	DVB	3/4	27.500				Italian
			Radio Tunis Chaîne Internationale	radio	DVB	3/4	27.500				
			MR 5 Parlamenti adások	radio	DVB	3/4	27.500				Hungarian
			MR 2 Petöfi	radio	DVB	3/4	27.500				Hungarian
			MR 1 Kossuth	radio	DVB	3/4	27.500				Hungarian
			<u>Nova</u>	package	DVB	3/4	27.500	Irdeto 2			
			Makedonia TV	TV	DVB	3/4	Y 27.500	Irdeto 2			Greek
			Novasports 7	TV	DVB	3/4	27.500	Irdeto 2			Greek
			Kanali Voullis	TV	DVB	3/4	27.500				Greek
			ET 3	TV	DVB	3/4	Y 27.500	Irdeto 2			Greek
			NET	TV	DVB	3/4	Y 27.500	Irdeto 2			Greek
			Mad TV	TV	DVB	3/4	Y 27.500	Irdeto 2			Greek
			TCM Middle East & Africa	TV	DVB	3/4	27.500	Irdeto 2			English
			Cartoon Network Middle East & Africa	TV	DVB	3/4	27.500	Irdeto 2			English
			Novasports 2	TV	DVB	3/4	27.500	Irdeto 2			Greek
			SKAĪ Tileorasi	TV	DVB	3/4	27.500	Irdeto 2			Greek
			Discovery Channel Europe	TV	DVB	3/4	27.500	Irdeto 2			English
			ET 1	TV	DVB	3/4	Y 27.500	Irdeto 2			Greek
			Lounge TV	radio	DVB	3/4	27.500	Irdeto 2			Greek
			Rebetiko	radio	DVB	3/4	27.500	Irdeto 2			Greek
			Trito Programma	radio	DVB	3/4	27.500	Irdeto 2			Greek
			Deytero 103.7	radio	DVB	3/4	27.500	Irdeto 2			Greek
			NET 105.8	radio	DVB	3/4	27.500	Irdeto 2			Greek
			ERA Spor 101.8	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
			Ellinika Agapmena	radio	DVB	3/4	27.500	Irdeto 2			Greek
			<u>Cyfrowy Polsat</u>	package	DVB	3/4	27.500	Mediaguard 2/Nagravision 2/Nagravision 3			
Extreme Sports Channel	TV	DVB	3/4	27.500	Mediaguard 2/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			
TVP 1	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			
Disney XD Polska	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3			Polish			
Polsat Futbol	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			
Discovery Channel Polska	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3			Polish			
<u>RRsat Global Communications Network</u>	package	DVB	3/4	27.500							
Fashion TV Europe	TV	DVB	3/4	27.500							
IPN TV	TV	DVB	3/4	27.500				Farsi			
Red Hot Sex TV 1	TV	DVB	3/4	27.500	Viaccess 3.0			English			
Rojhelat TV	TV	DVB	3/4	27.500				Kurdish			
CNL Evropa	TV	DVB	3/4	27.500				Russian			
3ABN International	TV	DVB	3/4	27.500				English			
Arirang World	TV	DVB	3/4	27.500				Korean			
VTV 4	TV	DVB	3/4	27.500				Vietnamese			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.				
				Digital	FEC								
D 12.245	H	Europe	BVN TV Europa	TV	DVB	3/4	27.500		Dutch				
			KurdSat	TV	DVB	3/4	27.500		Kurdish				
			Ishtar TV	TV	DVB	3/4	27.500		Arabic				
			Thai TV Global Network	TV	DVB	3/4	27.500		Thai				
			Didar Global TV	TV	DVB	3/4	27.500		Farsi				
			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			
			Red Hot Sex TV 2	TV	DVB	3/4	27.500	Viaccess 3.0					
			Iran TV Network	TV	DVB	3/4	27.500			Farsi			
			The Overcomer	radio	DVB	3/4	27.500			English			
			Rock Nation	radio	DVB	3/4	27.500			German			
			RNW 2	radio	DVB	3/4	27.500			English			
			RNW 1	radio	DVB	3/4	27.500			Dutch			
			Neo Zwei	radio	DVB	3/4	27.500			German			
			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						
			GlobeCast	package	DVB	3/4	27.500						
			Al Haqia	TV	DVB	3/4	27.500			Arabic			
			Al Baghdadia	TV	DVB	3/4	27.500			Arabic			
			Kanal 4	TV	DVB	3/4	27.500			Kurdish			
			ICC Classic	TV	DVB	3/4	27.500			Farsi			
			House Channel	TV	DVB	3/4	27.500			Italian			
			Azad TV International	TV	DVB	3/4	27.500			Azerbaijan			
			Kurd 1	TV	DVB	3/4	27.500			Kurdish			
			Mezzo	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2/Viaccess 2.5		French			
			Alsumaria	TV	DVB	3/4	27.500			Arabic			
			Coming Soon TV	TV	DVB	3/4	27.500			Italian			
			Syria Drama	TV	DVB	3/4	27.500			Arabic			
			Zagros TV	TV	DVB	3/4	27.500			Kurdish			
			PEN	TV	DVB	3/4	27.500			Farsi			
			Korek TV	TV	DVB	3/4	27.500			Kurdish			
			France Maghreb	radio	DVB	3/4	27.500			French			
			Radio 2000	radio	DVB	3/4	27.500			Hebrew			
			TRT Tamil Oli	radio	DVB	3/4	27.500			Tamil			
			Radio Orient	radio	DVB	3/4	27.500			Arabic			
			Radio Zagros	radio	DVB	3/4	27.500			Kurdish			
			A 12.265	V	Europe	Cyfrowy Polsat	package	DVB-S2	2/3	27.500	Conax/Mediaguard 2/Nagravision 3		
						Polsat Sport HD	TV	DVB-S2	2/3	27.500	Nagravision 3		Polish
						HBO Polska	TV	DVB-S2	2/3	27.500	Conax/Mediaguard 2/Nagravision 3		Polish
						Discovery HD Showcase	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	Cyfrowy Polsat	package	DVB	3/4	27.500	Mediaguard 2/Nagravision 3		
TV 1000 Polska	TV	DVB				3/4	27.500	Nagravision 3		Polish			
JimJam Europe	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			
Boomerang Central & Eastern Europe	TV	DVB				3/4	27.500	Conax/Nagravision 3		Polish,English			
Jetix Play	TV	DVB				3/4	27.500	Nagravision 3		Polish			
Zone Europa	TV	DVB				3/4	27.500	Nagravision 3		Polish,Hungarian			
Polsat Film	TV	DVB				3/4	27.500	Nagravision 3		Polish			
E! EMEA	TV	DVB				3/4	27.500	Nagravision 3		Polish			
TVP Sport	TV	DVB				3/4	27.500	Mediaguard 2/Nagravision 3		Polish			
TVP Info	TV	DVB				3/4	27.500	Nagravision 3		Polish			
Superstacja	TV	DVB				3/4	27.500	Mediaguard 2/Nagravision 3		Polish			
Cyfrowy Polsat promo	TV	DVB				3/4	27.500	Nagravision 3		Polish			
Polskie Radio Trójka	radio	DVB				3/4	27.500	Nagravision 3		Polish			
Radio Złote Przeboje	radio	DVB				3/4	27.500			Polish			
Planeta FM	radio	DVB				3/4	27.500			Polish			
RMF Maxxx	radio	DVB				3/4	27.500			Polish			
Radio PIN	radio	DVB				3/4	27.500			Polish			
Polskie Radio Jedyńka	radio	DVB				3/4	27.500	Nagravision 3		Polish			
Radio Zet	radio	DVB				3/4	27.500			Polish			
RMF Classic	radio	DVB				3/4	27.500			Polish			
RMF FM	radio	DVB				3/4	27.500	Nagravision 3		Polish			
Portal ITV	interacti	DVB				3/4	27.500						
TV Banking	interacti	DVB				3/4	27.500						
Pogoda	interacti	DVB				3/4	27.500						

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
D 12.322	H	Europe	<u>Eutelsat</u>	package	DVB	3/4	27.500	Conax/Mediaguard 2/Viaccess 2.5/Viaccess 2.6/Videoguard	
			TeleKlub	TV	DVB	3/4	27.500	Conax/Viaccess 2.5/Viaccess 2.6/Videoguard	Russian
			Eurosport 2 FA Premier League	TV	DVB	3/4	27.500	Conax/Viaccess 2.5/Viaccess 2.6/Viaccess 3.0	Romanian,Hungarian
			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	Polish,Romanian
			Universal Channel Polska	TV	DVB	3/4	27.500	Conax/Mediaguard 2	Polish,Romanian
			World Fashion Channel International	TV	DVB	3/4	27.500		English
			Rede Internacional de TV	TV	DVB	3/4	27.500		Portuguese
			Nashe Lubimoe Kino	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
			RTV International Europe	TV	DVB	3/4	27.500	Conax/Viaccess 2.5/Viaccess 2.6/Videoguard	Russian
			RTVI Info	TV	DVB	3/4	27.500		Russian
			Radio Posavina	radio	DVB	3/4	27.500		Croatian
			Megaradio	radio	DVB	3/4	27.500		Serbian
			Peiraiiki Ekklesia 91.2 FM	radio	DVB	3/4	27.500		Greek
			Radio Azadegan	radio	DVB	3/4	27.500		
			Tref Radio	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
			Radio Lijepa Nasa	radio	DVB	3/4	27.500		Croatian
			Bobar Radio	radio	DVB	3/4	27.500		Serbian
			Radio Dija	radio	DVB	3/4	27.500		Arabic
A 12.341	V	Europe	<u>Sky Italia</u>	package	DVB-S2	2/3	27.500	Videoguard	
			Sky Cinema 1	TV	DVB-S2	2/3	27.500	Videoguard	Italian
			Sky Cinema Hits	TV	DVB-S2	2/3	27.500	Videoguard	Italian
			Sky Cinema Max	TV	DVB-S2	2/3	27.500	Videoguard	Italian
			Sky Calcio 7	TV	DVB-S2	2/3	27.500	Videoguard	Italian,English
			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			
D 12.360	H	Europe	<u>GlobeCast</u>	package	DVB	3/4	27.500	Conax/Irdeto 2/Viaccess 2.5/Viaccess 3.0	
			Theme X Info	TV	DVB	3/4	27.500		
			Theme X Info	TV	DVB	3/4	27.500		
			Theme X Hardcore	TV	DVB	3/4	27.500	Conax/Irdeto 2/Viaccess 2.5/Viaccess 3.0	
			Rai Italia 3 Africa	TV	DVB	3/4	27.500	Viaccess 2.5	Italian
			SOS Premium 1	TV	DVB	3/4	27.500	Conax/Irdeto 2/Viaccess 2.5/Viaccess 3.0	English
			Theme X Interracial	TV	DVB	3/4	27.500	Conax/Irdeto 2/Viaccess 2.5/Viaccess 3.0	
			Theme X Trans	TV	DVB	3/4	27.500	Conax/Irdeto 2/Viaccess 2.5/Viaccess 3.0	
			Theme X Catch	TV	DVB	3/4	27.500	Conax/Irdeto 2/Viaccess 2.5/Viaccess 3.0	
			Theme X Peep	TV	DVB	3/4	27.500	Conax/Irdeto 2/Viaccess 2.5/Viaccess 3.0	
			Theme X 18	TV	DVB	3/4	27.500	Conax/Irdeto 2/Viaccess 2.5/Viaccess 3.0	
			Theme X Groups	TV	DVB	3/4	27.500	Conax/Irdeto 2/Viaccess 2.5/Viaccess 3.0	
			Theme X Fetish	TV	DVB	3/4	27.500	Conax/Irdeto 2/Viaccess 2.5/Viaccess 3.0	
SOS Premium 2	TV	DVB	3/4	27.500	Conax/Irdeto 2/Viaccess 2.5/Viaccess 3.0	English			
D 12.380	V	Europe	<u>GlobeCast</u>	package	DVB	3/4	27.500		
			Syria Satellite Channel	TV	DVB	3/4	27.500		Arabic
			Yemen TV	TV	DVB	3/4	27.500		Arabic
			Al Sunnah Al Nabawiyah TV	TV	DVB	3/4	27.500		Arabic
			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
			Telepace	TV	DVB	3/4	27.500		Italian
			TVCG Sat	TV	DVB	3/4	27.500		Serbian
			Sat 7 Arabic	TV	DVB	3/4	27.500		Arabic
			Equidia Pro 3	TV	DVB	3/4	27.500	Mediaguard 2	French
			Holy God	TV	DVB	3/4	27.500		Tamil

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.			
				Digital	FEC							
D 12.399	H	Europe	Equidia Pro 1	TV	DVB	3/4	27.500	Mediaguard 2	French			
			Abu Dhabi Al Oula Europe	TV	DVB	3/4	27.500		Arabic			
			Emarat FM	radio	DVB	3/4	27.500		Arabic			
			Radio CG 1	radio	DVB	3/4	27.500		Serbian			
			El-Bernameg Al-Aam	radio	DVB	3/4	27.500		Arabic			
			RFI Français	radio	DVB	3/4	27.500		French			
			Radio Sout Al-Sha'ab	radio	DVB	3/4	27.500		Arabic			
			Radio Maria France	radio	DVB	3/4	27.500		French			
			European Broadcast	radio	DVB	3/4	27.500					
			Program Two	radio	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			
			Radio Sout Al-Shbab	radio	DVB	3/4	27.500		Arabic			
			<u>SRG SSR</u>	package	DVB	3/4	27.500	Viaccess 2.6/Viaccess 4.0				
			SF Info	TV	DVB	3/4	Y 27.500		German			
			HD Suisse	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 4.0	German,French,Italian,English			
			SF Zwei	TV	DVB	3/4	Y 27.500	Viaccess 2.6/Viaccess 4.0	German			
			SF 1	TV	DVB	3/4	Y 27.500	Viaccess 2.6/Viaccess 4.0	German			
			Radio Rumantsch	radio	DVB	3/4	27.500		Romany			
			DRS 2	radio	DVB	3/4	27.500		German			
			DRS 3	radio	DVB	3/4	27.500		German			
			Virus	radio	DVB	3/4	27.500		German			
			DRS Musikwelle	radio	DVB	3/4	27.500		German			
			Radio Swiss Classic	radio	DVB	3/4	27.500		German			
			Radio Swiss Jazz	radio	DVB	3/4	27.500		German			
			DRS 4 News	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 Primafila 14	TV	DVB	3/4	27.500	Videoguard	Italian
						Sky Calcio 4	TV	DVB	3/4	27.500	Videoguard	Italian,English
						Sky Calcio 3	TV	DVB	3/4	27.500	Videoguard	Italian,English
Sky Primafila 10	TV	DVB				3/4	27.500	Videoguard	Italian			
Sky Primafila 15	TV	DVB				3/4	27.500	Videoguard	Italian			
Sky Primafila 13	TV	DVB				3/4	27.500	Videoguard	Italian			
Sky Primafila 12	TV	DVB				3/4	27.500	Videoguard	Italian			
Sky Primafila 2	TV	DVB				3/4	27.500	Videoguard	Italian			
Sky Primafila 1	TV	DVB				3/4	27.500	Videoguard	Italian			
Sky Primafila promo	TV	DVB				3/4	27.500	Videoguard	Italian			
Sky Primafila 9	TV	DVB				3/4	27.500	Videoguard	Italian			
D 12.437	H	Europe				<u>IRIB</u>	package	DVB	3/4	27.500		
						Sahar 2	TV	DVB	3/4	27.500		
						Jame-Jam TV Network 1	TV	DVB	3/4	27.500		Farsi,English
			Jame-Jam TV Network 2	TV	DVB	3/4	27.500		Farsi,English			
			IRIB Quran	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			
			Alalam News Channel	TV	DVB	3/4	27.500		Arabic			
			IRINN	TV	DVB	3/4	27.500		Farsi			
			IRIB World Service Radio 5	radio	DVB	3/4	27.500					
			Radio Maaref	radio	DVB	3/4	27.500		Farsi			
			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 2	radio	DVB	3/4	27.500					
			IRIB World Service Radio 1	radio	DVB	3/4	27.500					
Sedaye Ashena	radio	DVB	3/4	27.500		Farsi						
IRIB Radio 1	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			
			Pesca e Caccia	TV	DVB	3/4	29.900	Videoguard	Italian			
			Boomerang Italia +1	TV	DVB	3/4	29.900	Videoguard	Italian			
			Fox News Channel	TV	DVB	3/4	29.900	Videoguard	English			
			Sky News International	TV	DVB	3/4	29.900	Videoguard	English			
			CNBC Europe	TV	DVB	3/4	29.900	Videoguard	English			
			Sky Primafila 8	TV	DVB	3/4	29.900	Videoguard	Italian			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC	MSy/s			
D 12.476	H	Europe	Disney Channel Italia +1	TV	DVB	3/4	29.900	Videoguard	Italian
			GXT +1	TV	DVB	3/4	29.900	Videoguard	Italian
			Roma Channel	TV	DVB	3/4	29.900	Videoguard	Italian
			The MGM Channel Italia	TV	DVB	3/4	29.900	Videoguard	Italian
			Cartoon Network Italia +1	TV	DVB	3/4	29.900	Videoguard	Italian
			Sky HD promo	TV	DVB	3/4	29.900	Videoguard	Italian
			Lei TV	TV	DVB	3/4	29.900	Videoguard	Italian
			<u>Orange Polska</u>	package	DVB-S2	3/4	27.500	Viaccess 3.0	
			Extreme Sports Channel	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish
			AXN Polska	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
			AXN Sci-Fi Polska	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish
			Comedy Central Polska	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 Travel & Living Europe	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Italian
			Discovery World Polska	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish
			Eurosport 2	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
			KidsCo East Europe	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish
			Mezzo	TV	DVB-S2	3/4	27.500	Viaccess 3.0	French
			MTV Two	TV	DVB-S2	3/4	27.500	Viaccess 3.0	English
			MTV Dance	TV	DVB-S2	3/4	27.500	Viaccess 3.0	English
			Nat Geo Wild Europe	TV	DVB-S2	3/4	27.500	Viaccess 3.0	English
			Nickelodeon Polska	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish
			Sci Fi Channel Polska	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish
			Universal Channel Polska	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish
			Travel Channel	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish
			Eurosport	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Russian
			Discovery Channel Polska	TV	DVB-S2	3/4	27.500	Viaccess 3.0	
			<u>OiV</u>	package	DVB	3/4	27.500		
			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
			HRT Satelitski Program	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			
TV Slovenija 2	TV	DVB	3/4	Y 27.500		Slovenian			
TV Koper	TV	DVB	3/4	27.500		Italian			
TV Slovenija 3	TV	DVB	3/4	Y 27.500		Slovenian			
RBK TV	TV	DVB	3/4	27.500		Russian			
HRT 1	TV	DVB	3/4	Y 27.500		Croatian			
Glas Hrvatske	radio	DVB	3/4	27.500		Croatian			
Radio Slovenia International	radio	DVB	3/4	27.500					
Radio Ars	radio	DVB	3/4	27.500		Slovenian			
Val 202	radio	DVB	3/4	27.500		Slovenian			
Ra Slo 1	radio	DVB	3/4	27.500		Slovenian			
HR Drugi program	radio	DVB	3/4	27.500		Croatian			
Radio Banovina	radio	DVB	3/4	27.500		Croatian			
Radio Capodistria	radio	DVB	3/4	27.500		Italian			
HR Treci program	radio	DVB	3/4	27.500		Croatian			
Mediaservis	radio	DVB	3/4	27.500		Croatian			
Antena Zagreb	radio	DVB	3/4	27.500		Croatian			
Narodni Radio	radio	DVB	3/4	27.500		Croatian			
Otvoreni Radio	radio	DVB	3/4	27.500		Croatian			
HR Radio Pula	radio	DVB	3/4	27.500		Croatian			
HR Prvi program	radio	DVB	3/4	27.500		Croatian			
Hrvatski Katolicki Radio	radio	DVB	3/4	27.500		Croatian			
<u>Eutelsat Skyplex</u>	package	DVB	3/4	27.500					
Blu TV	TV	DVB	3/4	27.500		Italian			
Canal Algérie	TV	DVB	3/4	27.500		Arabic			
Al Nile	TV	DVB	3/4	27.500		Arabic			
Nile TV International	TV	DVB	3/4	27.500					
Mediolanum Channel	TV	DVB	3/4	Y 27.500		Italian			
Eos	TV	DVB	3/4	27.500		Italian			
ReteSette	TV	DVB	3/4	27.500		Italian			
TV 8 Mont Blanc	TV	DVB	3/4	27.500		French			
TVA Vicenza	TV	DVB	3/4	27.500		Italian			
Direct 8	TV	DVB	3/4	27.500		French			
Thalitha TV	TV	DVB	3/4	27.500		Arabic			
Administra.it	TV	DVB	3/4	27.500		Italian			
Carpe Diem	TV	DVB	3/4	27.500		Italian			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
D 12.558	V	Europe	Radio Cairo Al Mowaghat 8	radio	DVB	3/4	27.500		
			Chaîne 1	radio	DVB	3/4	27.500		Arabic
			Chaîne 2	radio	DVB	3/4	27.500		Arabic
			International Radio	radio	DVB	3/4	27.500		
			<u>Eutelsat Skyplex</u>	package	DVB	3/4	27.500		
D 12.577	H	Europe	Al Jazeera Children's Channel	TV	DVB	3/4	27.500		Arabic
			Baraem	TV	DVB	3/4	27.500		Arabic
			<u>Orange</u>	package	DVB-S2	2/3	27.500	Viaccess 3.0	
			Orange cinemax	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French
			١-٦Télé	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French
D 12.597	V	Europe	Orange cinehappy	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 cinenovov	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
			Orange cinegeants	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French
			Orange cinemax	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 sport	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French
			<u>GlobeCast</u>	package	DVB	3/4	27.500		
			Armenia 1 TV	TV	DVB	3/4	27.500		Armenian
			BBC World News	TV	DVB	3/4	Y 27.500		English
			Perviy kanal Europa	TV	DVB	3/4	27.500		Russian
			CNN International Europe	TV	DVB	3/4	27.500	Conax/Cryptoworks/Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 3.0	English
			ACQ-KBN	TV	DVB	3/4	27.500		English
			EuroNews	TV	DVB	3/4	Y 27.500		French,English,German,Italian,Spanish,Portuguese,Russian,Arabic
			JSTV 2	TV	DVB	3/4	27.500	Cryptoworks	Japanese
			JSTV 1	TV	DVB	3/4	27.500	Cryptoworks	Japanese,English
			Sawt Al Alam	radio	DVB	3/4	27.500		Arabic
			WRN Multilingual Asia Pacific	radio	DVB	3/4	27.500		
			WRN Moscow AM	radio	DVB	3/4	27.500		
			Radio Finland	radio	DVB	3/4	27.500		
			RCI 3	radio	DVB	3/4	27.500		
			Radio Suomi	radio	DVB	3/4	27.500		
			WRN Russkij	radio	DVB	3/4	27.500		Russian
WRN English Europe	radio	DVB	3/4	27.500		English			
WRN Français	radio	DVB	3/4	27.500		French			
Family Radio International 1	radio	DVB	3/4	27.500					
RCI 2	radio	DVB	3/4	27.500		French			
RCI 1	radio	DVB	3/4	27.500		English			
IBC Tamil Radio	radio	DVB	3/4	27.500		Tamil			
Radio Sedaye Iran	radio	DVB	3/4	27.500		Farsi			
National Prison Radio Network	radio	DVB	3/4	27.500		English			
CVC The Voice Asia	radio	DVB	3/4	27.500		Hindi			
WRN Deutsch	radio	DVB	3/4	27.500		German			
Radio Japan	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			
D 12.616	H	Europe	Public Radio of Armenia	radio	DVB	3/4	27.500		Armenian
			Adventist World Radio	radio	DVB	3/4	27.500		
			Family Radio International 2	radio	DVB	3/4	27.500		
			<u>Sky Italia</u>	package	DVB	3/4	27.500	Videoguard	
			Nickelodeon Italia +1	TV	DVB	3/4	27.500	Videoguard	Italian
			La 7	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky Calcio Info	TV	DVB	3/4	27.500		Italian
			Sportitalia	TV	DVB	3/4	27.500	Videoguard	Italian
			Baby TV Europe	TV	DVB	3/4	27.500	Videoguard	Italian
			MyDeejay TV	TV	DVB	3/4	27.500	Videoguard	Italian
			Video Italia	TV	DVB	3/4	Y 27.500	Videoguard	Italian
			Comedy Central Italia	TV	DVB	3/4	27.500	Videoguard	Italian
			Nickelodeon Italia	TV	DVB	3/4	27.500	Videoguard	Italian
			Sportitalia 2	TV	DVB	3/4	27.500	Videoguard	Italian
			Milan Channel	TV	DVB	3/4	27.500	Videoguard	Italian
D 12.635	V	Europe	<u>Sky Italia</u>	package	DVB	3/4	27.500	Videoguard	
			Disney XD Italia +1	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky Primafila 3	TV	DVB	3/4	27.500	Videoguard	Italian
			DeA Kids	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky Cinema Max +1	TV	DVB	3/4	27.500	Videoguard	Italian

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.			
				Digital	FEC	MSy/s						
D 12.654	H	Europe	Sky Cinema +24	TV	DVB	3/4	27.500	Videoguard	Italian,Italian			
			Classica Italia	TV	DVB	3/4	27.500	Videoguard	Italian			
			Disney in English	TV	DVB	3/4	27.500	Videoguard	English			
			Sky Olimpia 1	TV	DVB	3/4	27.500	Videoguard	Italian			
			Juventus Channel	TV	DVB	3/4	27.500	Videoguard	Italian			
			Toon Disney Italia +1	TV	DVB	3/4	27.500	Videoguard	Italian			
			Inter Channel	TV	DVB	3/4	27.500	Videoguard	Italian			
			<u>Arabsat</u>	package	DVB	3/4	27.500					
			Oman TV Satellite	TV	DVB	3/4	27.500			Arabic		
			Live	TV	DVB	3/4	27.500			Arabic		
			Al Mustakillah TV	TV	DVB	3/4	27.500			Arabic		
			Al Ordoniyah	TV	DVB	3/4	27.500			Arabic		
			Al Masriyah	TV	DVB	3/4	27.500			Arabic		
			Sudan TV	TV	DVB	3/4	27.500			Arabic		
			Jamahiriya Satellite Channel	TV	DVB	3/4	27.500			Arabic		
			Kuwait Space Channel	TV	DVB	3/4	27.500			Arabic		
			Saudi Arabian TV 1	TV	DVB	3/4	27.500			Arabic		
			Qatar TV	TV	DVB	3/4	27.500			Arabic		
			Sharjah TV	TV	DVB	3/4	27.500			Arabic		
			Al-Iraqiya TV	TV	DVB	3/4	27.500			Arabic		
			Radio Oman FM	radio	DVB	3/4	27.500			English		
			Program One	radio	DVB	3/4	27.500			Arabic		
			Radio Quran	radio	DVB	3/4	27.500			Arabic		
			Radio Kuwait Main	radio	DVB	3/4	27.500			Arabic		
			Holy Quran	radio	DVB	3/4	27.500			Arabic		
			El-Quran El-Karim	radio	DVB	3/4	27.500			Arabic		
			Umdurman Radio	radio	DVB	3/4	27.500			Arabic		
			Radio Oman	radio	DVB	3/4	27.500			Arabic		
			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		
			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 Umdurman Holy Koran	radio	DVB	3/4	27.500			Arabic		
			Radio Jordan General Channel	radio	DVB	3/4	27.500			Arabic		
			Sharjah FM	radio	DVB	3/4	27.500			Arabic		
			Qatar Radio	radio	DVB	3/4	27.500			Arabic		
			D 12.673	V	Europe	<u>Sky Italia</u>	package	DVB	3/4	27.500	Videoguard	
						Sky Primafila 20	TV	DVB	3/4	27.500	Videoguard	Italian
						Sky Primafila 6	TV	DVB	3/4	27.500	Videoguard	Italian
						Sky Primafila 23	TV	DVB	3/4	27.500	Videoguard	Italian
Sky Primafila 24	TV	DVB				3/4	27.500	Videoguard	Italian			
Sky HD promo	TV	DVB				3/4	27.500	Videoguard				
Sky Primafila 35	TV	DVB				3/4	27.500	Videoguard	Italian			
Sky Primafila 4	TV	DVB				3/4	27.500	Videoguard	Italian			
Sky Primafila 26	TV	DVB				3/4	27.500	Videoguard	Italian			
Sky Primafila 25	TV	DVB				3/4	27.500	Videoguard	Italian			
Sky Calcio 5	TV	DVB				3/4	27.500	Videoguard	Italian,English			
Sky Calcio 6	TV	DVB				3/4	27.500	Videoguard	Italian,English			
Sky Primafila 7	TV	DVB				3/4	27.500	Videoguard	Italian			
Sky Primafila 18	TV	DVB				3/4	27.500	Videoguard	Italian			
D 12.692	H	Europe				<u>Bis</u>	package	DVB	3/4	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	
						AB 3	TV	DVB	3/4	Y 27.500	Mediaguard 2/Viaccess 2.5	French
			M6	TV	DVB	3/4	27.500	Viaccess 2.5/Viaccess 3.0	French			
			Ciné First	TV	DVB	3/4	27.500	Mediaguard 2/Viaccess 2.5	French			
			France 4	TV	DVB	3/4	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	French			
			France 3 Sat	TV	DVB	3/4	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	French			
			Orange sport info	TV	DVB	3/4	27.500	Viaccess 2.5/Viaccess 3.0	French			
			Luxe TV	TV	DVB	3/4	27.500		French,English,Italian,Russian			
			AB 4	TV	DVB	3/4	Y 27.500	Mediaguard 2/Viaccess 2.5	French			
			Virgin 17	TV	DVB	3/4	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	French			
			Ciné FX	TV	DVB	3/4	Y 27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	French			
			Ciné Polar	TV	DVB	3/4	Y 27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	French			
			TMC	TV	DVB	3/4	Y 27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	French,English			
			W9	TV	DVB	3/4	27.500	Viaccess 2.5/Viaccess 3.0	French			
			France 2	TV	DVB	3/4	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	French			
			NRJ 12	TV	DVB	3/4	27.500	Viaccess 2.5/Viaccess 3.0	French			
			Gulli	TV	DVB	3/4	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	French			
			D 12.713	V	Europe	<u>Sky Italia</u>	package	DVB	3/4	27.500	Videoguard	

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
D 12.731	H	Europe	Eurosport 2 Italia	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky Primafila 34	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky Primafila 37	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky Primafila 35	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky Primafila 38	TV	DVB	3/4	27.500	Videoguard	Italian
			Eurosport News Italia	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky Primafila 19	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky Primafila 36	TV	DVB	3/4	27.500	Videoguard	Italian
			Eurosport Italia	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky Italia	package	DVB	3/4	27.500	Videoguard	
			MTV Gold	TV	DVB	3/4	27.500	Videoguard	
			GXT	TV	DVB	3/4	27.500	Videoguard	Italian
			Boomerang Italia	TV	DVB	3/4	27.500	Videoguard	Italian
			MTV Hits Italia	TV	DVB	3/4	27.500	Videoguard	Italian
			MTV Brand New	TV	DVB	3/4	27.500	Videoguard	
			MTV Pulse Italia	TV	DVB	3/4	27.500	Videoguard	
			MTV Italia	TV	DVB	3/4	27.500	Videoguard	Italian
			ESPN Classic Italia	TV	DVB	3/4	27.500	Videoguard	Italian
			Discovery Real Time Italia	TV	DVB	3/4	27.500	Videoguard	Italian
			Animal Planet Italia	TV	DVB	3/4	27.500	Videoguard	Italian
VH1 Europe A	TV	DVB	3/4	27.500	Videoguard	English			

### EUROBIRD™ 1 (28.5°EAST)

D 11.222	H	Fixed	Sky UK	package	DVB	2/3	27.500		
			Zone Horror +1	TV	DVB	2/3	27.500		English
			Celebrity Shop	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
			Edge	TV	DVB	2/3	27.500		English
			Sport XXX Babes TV	TV	DVB	2/3	27.500		English
			The Boudoir	TV	DVB	2/3	27.500		English
			Sport XXX Girls	TV	DVB	2/3	27.500	Videoguard	English
			Babeworld MILF	TV	DVB	2/3	27.500		English
			Babeworld Live	TV	DVB	2/3	27.500		English
			Chat Box	TV	DVB	2/3	27.500		English
			Sport XXX Wives	TV	DVB	2/3	27.500	Videoguard	English
			Rockworld TV	TV	DVB	2/3	27.500		English
			Babestation 2	TV	DVB	2/3	27.500		English
			Fashion TV UK	TV	DVB	2/3	27.500		English
			Gems TV 3	TV	DVB	2/3	27.500		English
			Ummah Channel	TV	DVB	2/3	27.500		English
			UCB TV	TV	DVB	2/3	27.500		English
			Clubland TV	TV	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
ILM Radio	radio	DVB	2/3	27.500					
Galaxy Yorkshire	radio	DVB	2/3	27.500		English			
Sunrise Radio	radio	DVB	2/3	27.500		English			
D 11.224	V	Fixed	Sky UK	package	DVB	2/3	27.500	Videoguard	
			Omusic TV	TV	DVB	2/3	27.500		English
			Nollywood Movies	TV	DVB	2/3	27.500	Videoguard	English
			Al Jazeera Children's Channel	TV	DVB	2/3	27.500		Arabic
			PTV Global UK & Europe	TV	DVB	2/3	27.500		Urdu
			Sahara One	TV	DVB	2/3	27.500	Videoguard	Hindi
			Movies4Men 2	TV	DVB	2/3	27.500		English
			Movies4Men	TV	DVB	2/3	27.500		English
			SAB TV	TV	DVB	2/3	27.500	Videoguard	Hindi
			RTÉ Radio 1 Extra	radio	DVB	2/3	27.500		English
			Jazz FM	radio	DVB	2/3	27.500		English
			TWR UK	radio	DVB	2/3	27.500		English
			Voice of Truth Radio	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
			NME Radio	radio	DVB	2/3	27.500		English
			Gaydar Radio	radio	DVB	2/3	27.500		English
Family Radio	radio	DVB	2/3	27.500		English			
Spectrum Radio Sky	radio	DVB	2/3	27.500					
Desi Radio	radio	DVB	2/3	27.500					

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC	MSy/s			
			Yorkshire Radio	radio	DVB	2/3	27.500		English
			Absolute Classic Rock	radio	DVB	2/3	27.500		English
			Rainbow Radio	radio	DVB	2/3	27.500		
			Ignition Radio	radio	DVB	2/3	27.500		
			CC Radio	radio	DVB	2/3	27.500		English
			Insight Radio	radio	DVB	2/3	27.500		English
			Amrit Bani	radio	DVB	2/3	27.500		Panjabi
			Absolute 80s	radio	DVB	2/3	27.500		English
			Absolute Radio	radio	DVB	2/3	27.500		English
			Rádio Record	radio	DVB	2/3	27.500		Portuguese
			Radio Caroline	radio	DVB	2/3	27.500		English
			PlayJam Games	interacti	DVB	2/3	27.500	Videoguard	
D 11.260	V	Fixed	<u>Sky UK</u>	package	DVB	2/3	27.500		
			Open Access 3	TV	DVB	2/3	27.500		English
			NTV	TV	DVB	2/3	27.500		Bengali
			Open Access 2	TV	DVB	2/3	27.500		English
			Renault TV UK	TV	DVB	2/3	27.500		English
			Aaj Tak International	TV	DVB	2/3	27.500	Videoguard	Hindi
			Gospel Channel	TV	DVB	2/3	27.500		English
			Shopping TV UK	TV	DVB	2/3	27.500		English
			Genesis TV	TV	DVB	2/3	27.500		English
			The Unexplained Channel	TV	DVB	2/3	27.500		English
			Rural TV	TV	DVB	2/3	27.500		English
			Movies4Men 2 +1	TV	DVB	2/3	27.500		English
			Smart Live Casino Roulette	TV	DVB	2/3	27.500		English
			Revelation TV	TV	DVB	2/3	27.500		English
D 11.261	H	Fixed	<u>Sky UK</u>	package	DVB	2/3	27.500		
			Wonderful	TV	DVB	2/3	27.500		English
			Crime & Investigation Network UK +1	TV	DVB	2/3	27.500	Videoguard	English
			Star Gold UK	TV	DVB	2/3	27.500	Videoguard	Hindi
			The Africa Channel	TV	DVB	2/3	27.500	Videoguard	English
			CNBC UK	TV	DVB	2/3	Y 27.500		English
			DM Digital	TV	DVB	2/3	27.500		Urdu
			Star Plus UK	TV	DVB	2/3	27.500	Videoguard	Hindi
			Travel Channel UK +1	TV	DVB	2/3	27.500		English
			GayNetwork	TV	DVB	2/3	27.500		English
			Thane Direct	TV	DVB	2/3	27.500		English
			Zone Horror	TV	DVB	2/3	27.500		English
			Max TV!	TV	DVB	2/3	27.500		English
			3e	TV	DVB	2/3	27.500	Videoguard	English
			CBS Reality +1	TV	DVB	2/3	27.500		English
			Panjab Radio	radio	DVB	2/3	27.500		Panjabi
D 11.307	H	Fixed	JML Direct	TV	DVB	2/3	27.500		English
D 11.307	H	Fixed	Bravo 2	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	Virgin 1 +1	TV	DVB	2/3	27.500	Videoguard	English
D 11.307	H	Fixed	NTA International	TV	DVB	2/3	27.500		English
D 11.307	H	Fixed	Livingit +1	TV	DVB	2/3	27.500	Videoguard	English
D 11.307	H	Fixed	Living Ireland	TV	DVB	2/3	27.500	Videoguard	English
D 11.307	H	Fixed	Challenge +1	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>Sky UK</u>	package	DVB	2/3	27.500	Videoguard	
D 11.307	V	Fixed	High Street TV	TV	DVB	2/3	27.500		English
D 11.307	V	Fixed	Ideal World 3	TV	DVB	2/3	27.500		English
D 11.307	V	Fixed	The Jewellery Channel	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	Motors TV UK	TV	DVB	2/3	27.500	Videoguard	French,English
D 11.307	V	Fixed	Nigeria Movies	TV	DVB	2/3	27.500	Videoguard	English
D 11.307	V	Fixed	Club Paradiso	TV	DVB	2/3	27.500		English
D 11.307	V	Fixed	<u>Sky UK</u>	package	DVB	2/3	27.500		
			Aastha International	TV	DVB	2/3	27.500		Hindi
D 11.343	V	Fixed	<u>Sky UK</u>	package	DVB	2/3	27.500		
			Psychic & Soul	TV	DVB	2/3	27.500		English
			Star One UK	TV	DVB	2/3	27.500	Videoguard	Hindi
			Psychic TV	TV	DVB	2/3	27.500		English
			My Channel	TV	DVB	2/3	27.500		English
			Babeworld TV	TV	DVB	2/3	27.500		English
			Asian Connections	TV	DVB	2/3	27.500		English
			Comedy Central Extra +1	TV	DVB	2/3	27.500	Videoguard	English
			Nick Toons Replay	TV	DVB	2/3	27.500	Videoguard	English

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
D 11.344	H	Fixed	Babestation	TV	DVB	2/3	27.500		English
			Fast TV	TV	DVB	2/3	27.500		English
			Babestation Xtra	TV	DVB	2/3	27.500		English
			Starz	TV	DVB	2/3	27.500		English
			Asian Babes	TV	DVB	2/3	27.500		English
			CBS Drama	TV	DVB	2/3	27.500		English
			NDTV Imagine	TV	DVB	2/3	27.500		Hindi
			Ahlulbayt TV	TV	DVB	2/3	27.500		English
			<u>Sky UK</u>	package	DVB	2/3	27.500		
			Ahlebaït TV	TV	DVB	2/3	27.500		
			Wedding TV UK	TV	DVB	2/3	27.500		English
			Nick Jr UK +1	TV	DVB	2/3	27.500	Videoguard	English
			Hidayat TV	TV	DVB	2/3	27.500		Urdu
			Latin Connections	TV	DVB	2/3	27.500		English
			Chat Lounge	TV	DVB	2/3	27.500		English
			BET UK	TV	DVB	2/3	27.500		English
			40+ Readers Wives	TV	DVB	2/3	27.500		English
			LivexxBabes	TV	DVB	2/3	27.500		English
			Food Network UK	TV	DVB	2/3	27.500		English
			D 11.389	H	Fixed	Bangla TV	TV	DVB	2/3
Sumo TV	TV	DVB				2/3	27.500		English
Partyland	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 +1	TV	DVB				2/3	27.500		English
<u>Sky UK</u>	package	DVB				2/3	27.500	Videoguard	
DMAX UK +2	TV	DVB				2/3	27.500	Videoguard	English
Discovery Real Time UK +1	TV	DVB				2/3	27.500	Videoguard	English
Discovery Shed	TV	DVB				2/3	27.500	Videoguard	English
Discovery Home & Health UK +1	TV	DVB				2/3	27.500	Videoguard	English
Discovery Knowledge +1	TV	DVB				2/3	27.500	Videoguard	English
Quest +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
D 11.390	V	Fixed	Investigation Discovery Europe	TV	DVB	2/3	27.500	Videoguard	English
			Animal Planet Europe +1	TV	DVB	2/3	27.500	Videoguard	English
			DMAX UK +1	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
			Top Shelf TV	TV	DVB	2/3	27.500	Videoguard	English
			Playboy TV UK	TV	DVB	2/3	Y 27.500	Videoguard	English
			Adult Channel	TV	DVB	2/3	Y 27.500	Videoguard	English
			Climax 3-3	TV	DVB	2/3	27.500	Videoguard	English
			Climax 3-2	TV	DVB	2/3	27.500	Videoguard	English
D 11.426	V	Fixed	Climax 3-1	TV	DVB	2/3	27.500	Videoguard	English
			Spice Extreme	TV	DVB	2/3	27.500	Videoguard	English
			ARY News UK & USA	TV	DVB	2/3	27.500		Urdu
			Elite TV 911	TV	DVB	2/3	27.500		English
			Movies 24 UK	TV	DVB	2/3	27.500	Videoguard	English
			The Dating Channel	TV	DVB	2/3	Y 27.500		English
			<u>Sky UK</u>	package	DVB	2/3	27.500		
			Venus TV	TV	DVB	2/3	27.500		
			KICC TV	TV	DVB	2/3	27.500		English
			Glory TV	TV	DVB	2/3	27.500		English
D 11.428	H	Fixed	Bloomberg TV Europe	TV	DVB	2/3	27.500		English
			Geo UK	TV	DVB	2/3	27.500	Videoguard	Urdu
			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
			OBE TV	TV	DVB	2/3	27.500		English
			Colors	TV	DVB	2/3	27.500		Hindi
			Jackpot Games	TV	DVB	2/3	27.500		English
			Price-Drop TV	TV	DVB	2/3	27.500		English
			Aag TV UK	TV	DVB	2/3	27.500	Videoguard	
D 11.428	H	Fixed	Speed Auction TV	TV	DVB	2/3	27.500		English
			<u>Freesat</u>	package	DVB	2/3	27.500		
			High Energy	radio	DVB	2/3	27.500		
			Groove	radio	DVB	2/3	27.500		
			Rabbi Radio	radio	DVB	2/3	27.500		
Radio Shepherd	radio	DVB	2/3	27.500		English			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio	Text MSy/s	Access	Lang.
				Digital	FEC	MHz			
D 11.469	H	S1	My Best Radio	radio	DVB	2/3	27.500		Italian
			Low Energy	radio	DVB	2/3	27.500		
			Wellbeing	radio	DVB	2/3	27.500		
			Classic	radio	DVB	2/3	27.500		
			<u>Sky UK</u>	package	DVB	2/3	27.500	Videoguard	
			History UK +1	TV	DVB	2/3	27.500	Videoguard	English
			Sky Box Office 54	TV	DVB	2/3	27.500	Videoguard	English
			Sky Box Office 35	TV	DVB	2/3	27.500	Videoguard	English
			Sky Box Office 4	TV	DVB	2/3	27.500	Videoguard	English
			Sky Box Office 59	TV	DVB	2/3	27.500	Videoguard	English
D 11.488	V	S1	Sky Customer Services	interacti	DVB	2/3	27.500	Videoguard	
			Directgov	interacti	DVB	2/3	27.500	Videoguard	
			<u>Sky UK</u>	package	DVB	2/3	27.500		
			Peace TV UK	TV	DVB	2/3	27.500		English
			MSK Extra	TV	DVB	2/3	27.500		English
			MSK	TV	DVB	2/3	27.500		English
			Setanta Sports Ireland	TV	DVB	2/3	27.500	Videoguard	English
			Peace TV Urdu	TV	DVB	2/3	27.500		Urdu
			Iqra TV	TV	DVB	2/3	27.500		English
			ATN Bangla UK	TV	DVB	2/3	27.500		Bengali
D 11.508	H	S1	Channel S UK	TV	DVB	2/3	27.500		Bengali
			Setanta Sports 1 Ireland	TV	DVB	2/3	27.500	Videoguard	English
			NewsTalk	radio	DVB	2/3	27.500		English
			<u>Sky UK</u>	package	DVB	2/3	27.500	Videoguard	
			Adult Channel PPV	TV	DVB	2/3	27.500	Videoguard	English
			Amateur Babes	TV	DVB	2/3	27.500	Videoguard	English
			Xtreme Babes	TV	DVB	2/3	27.500	Videoguard	English
			Sky Venue	TV	DVB	2/3	27.500	Videoguard	English
			The Pub Channel	TV	DVB	2/3	27.500	Videoguard	English
			100% Babes	TV	DVB	2/3	27.500	Videoguard	English
D 11.527	V	S1	Prowler TV	TV	DVB	2/3	27.500	Videoguard	English
			Playboy TV UK PPV	TV	DVB	2/3	27.500	Videoguard	English
			Shrek Imperial Peril	interacti	DVB	2/3	27.500	Videoguard	
			Scrabble	interacti	DVB	2/3	27.500	Videoguard	
			Sky Sports Premiership Football Challenge	interacti	DVB	2/3	27.500	Videoguard	
			Are you smarter than a 10 year old?	interacti	DVB	2/3	27.500	Videoguard	
			Pool World Challenge	interacti	DVB	2/3	27.500	Videoguard	
			Spongebob Squarepants	interacti	DVB	2/3	27.500	Videoguard	
			<u>Sky UK</u>	package	DVB	2/3	27.500		
			Channel M	TV	DVB	2/3	27.500		English
D 11.546	H	S1	Tease Me TV 959	TV	DVB	2/3	27.500		English
			Tease Me TV 948	TV	DVB	2/3	27.500		English
			Extreme Sports Channel UK	TV	DVB	2/3	27.500	Videoguard	English
			GayDateTV	TV	DVB	2/3	Y 27.500		English
			Comedy Central Ireland	TV	DVB	2/3	Y 27.500	Videoguard	English
			Thomas Cook TV	TV	DVB	2/3	27.500		English
			Tease Me TV 912	TV	DVB	2/3	27.500		English
			<u>Sky UK</u>	package	DVB	2/3	27.500		
			V Channel	TV	DVB	2/3	27.500		English
			Comedy Central UK +1	TV	DVB	2/3	27.500	Videoguard	English
D 11.565	V	S1	Faith TV	TV	DVB	2/3	27.500		English
			Monte Carlo Roulette	TV	DVB	2/3	27.500		English
			CinéMoi	TV	DVB	2/3	27.500	Videoguard	
			Gala TV	TV	DVB	2/3	27.500		English
			Geo News	TV	DVB	2/3	27.500	Videoguard	Urdu
			Shop on TV	TV	DVB	2/3	27.500		English
			Angels TV	TV	DVB	2/3	27.500		English
			ARY Digital UK/Europe	TV	DVB	2/3	27.500	Videoguard	Urdu
			<u>Sky UK</u>	package	DVB	2/3	27.500	Videoguard	
			Sky Barker Channel	TV	DVB	2/3	27.500		English
Sky Box Office 60	TV	DVB	2/3	27.500	Videoguard	English			
Sky Box Office 57	TV	DVB	2/3	27.500	Videoguard	English			
Sky Box Office 56	TV	DVB	2/3	27.500	Videoguard	English			
Sky Box Office 55	TV	DVB	2/3	27.500	Videoguard	English			
Sky Movies Preview mosaic	TV	DVB	2/3	27.500		English			
Sky Preview	TV	DVB	2/3	27.500		English			
Sky Box Office 3	TV	DVB	2/3	27.500	Videoguard	English			
Sky Box Office 1	TV	DVB	2/3	27.500	Videoguard	English			
Sky Box Office Preview	TV	DVB	2/3	27.500	Videoguard	English			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio	MHz	Text MSy/s	Access	Lang.			
				Digital	FEC								
D 11.585	H	S1	<u>Sky UK</u>	package	DVB	2/3	27.500	Videoguard					
			Liverpool FC TV	TV	DVB	2/3	27.500	Videoguard		English			
			Racing UK	TV	DVB	2/3	Y 27.500	Videoguard		English			
			Magic	TV	DVB	2/3	Y 27.500	Videoguard		English			
			Q	TV	DVB	2/3	27.500	Videoguard		English			
			The Entrepreneur Channel	TV	DVB	2/3	27.500			English			
			Channel Aka	TV	DVB	2/3	27.500			English			
			Film 24	TV	DVB	2/3	27.500			English			
			ESPN America UK	TV	DVB	2/3	27.500	Videoguard		English			
			Supreme Master TV	TV	DVB	2/3	27.500			English			
			Sikh Channel	TV	DVB	2/3	27.500			Panjabi			
			D 11.604	V	S1	<u>Sky UK</u>	package	DVB	2/3	27.500	Videoguard		
						Sky Movies Modern Greats	TV	DVB	2/3	Y 27.500	Videoguard		English,English
Sky Movies Premiere	TV	DVB				2/3	Y 27.500	Videoguard		English,English			
Bio UK	TV	DVB				2/3	27.500	Videoguard		English			
History UK	TV	DVB				2/3	27.500	Videoguard		English			
Sky Movies Screen 2	TV	DVB				2/3	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			
Sky Movies Premiere +1	TV	DVB				2/3	Y 27.500	Videoguard		English,English			
WAP Casino One	interacti	DVB				2/3	27.500	Videoguard					
D 11.623	H	S1				<u>Sky UK</u>	package	DVB	2/3	27.500			
						RT English	TV	DVB	2/3	27.500			English
						Diva TV +1	TV	DVB	2/3	27.500	Videoguard		English
			Sci Fi UK +1	TV	DVB	2/3	27.500	Videoguard		English			
			Baby TV Europe	TV	DVB	2/3	27.500	Videoguard		English			
			Phoenix CNE	TV	DVB	2/3	27.500			Chinese			
			Prime TV	TV	DVB	2/3	27.500						
			Abu Dhabi Al Oula Europe	TV	DVB	2/3	27.500			Arabic			
			Costcutter In Tune Radio	radio	DVB	2/3	27.500			English			
			Kiss 100	radio	DVB	2/3	27.500			English			
			Magic 105.4 FM	radio	DVB	2/3	27.500			English			
			D 11.642	V	S1	<u>Sky UK</u>	package	DVB	2/3	27.500			
						Pop!	TV	DVB	2/3	27.500			English
NME TV	TV	DVB				2/3	27.500			English			
True Entertainment	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			
Tiny Pop +1	TV	DVB				2/3	27.500			English			
Kix!	TV	DVB				2/3	27.500			English			
True Movies 2	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			
Flaunt	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	<u>Sky UK</u>	package	DVB	2/3	27.500						
			MTA International	TV	DVB	2/3	27.500			Urdu,English,French,German,Arabic,Bengali			
			Channel I	TV	DVB	2/3	27.500			Bengali			
			France 24 English	TV	DVB	2/3	27.500			English			
			Cee (I) TV	TV	DVB	2/3	27.500	Videoguard		Tamil			
			Inspiration Network International	TV	DVB	2/3	27.500			English			
			CCTV 9	TV	DVB	2/3	27.500			English			
			The Word Network	TV	DVB	2/3	27.500			English			
			Super Casino	TV	DVB	2/3	27.500			English			
			D 11.681	V	S1	<u>Sky UK</u>	package	DVB	2/3	27.500			
						Hallmark Channel UK +1	TV	DVB	2/3	27.500	Videoguard		English
						Al Jazeera English	TV	DVB	2/3	27.500			English
						Sci Fi UK	TV	DVB	2/3	27.500	Videoguard		English
God TV UK	TV	DVB				2/3	27.500			English			
God TV Europe	TV	DVB				2/3	27.500			English			
Islam Channel	TV	DVB				2/3	27.500			English			
TBN Europe	TV	DVB				2/3	27.500			English			
NHK World TV	TV	DVB				2/3	27.500			English			
D 12.523	H	Fixed				Information TV	TV	DVB	2/3	27.500			English
						Madani Channel	TV	DVB	2/3	27.500			Urdu
						AIT International UK	TV	DVB	2/3	27.500			English

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC	MSy/s			
D 12.523	H	Fixed	Movies4Men +1	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	OH TV	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	Live 960	TV	DVB	2/3	27.500		English
D 12.523	H	Fixed	Music India	TV	DVB	2/3	27.500		Hindi
D 12.523	H	Fixed	EWTN Radio Europe/UK	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	Smooth Radio London	radio	DVB	2/3	27.500		English
D 12.523	H	Fixed	Sky UK	package	DVB	2/3	27.500		
			Daystar TV	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	Thane Stop and Shop	TV	DVB	2/3	27.500		English
D 12.523	V	Fixed	Deya Broadcasting Network	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 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	JML Active	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	TV Shop UK	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	Gems TV 2	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	95.8 Capital FM	radio	DVB	2/3	27.500		English
D 12.523	V	Fixed	Gold	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	Kismet Radio	radio	DVB	2/3	27.500		English
D 12.523	V	Fixed	Chill	radio	DVB	2/3	27.500		English
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	Punjabi Radio	radio	DVB	2/3	27.500		Punjabi
D 12.523	V	Fixed	Classic FM UK	radio	DVB	2/3	27.500		English
D 12.523	V	Fixed	Liberty Radio	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	Akash Radio	radio	DVB	2/3	27.500		
D 12.523	V	Fixed	XFM 104.9	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	Sky UK	package	DVB	2/3	27.500		
D 12.560	V	Fixed	Sky UK	package	DVB	2/3	27.500		
			JML Direct	TV	DVB	2/3	27.500		English
			Fitness TV	TV	DVB	2/3	27.500		English
			Horse & Country TV	TV	DVB	2/3	27.500		English
			VPA	TV	DVB	2/3	27.500		English
			JML CookShop	TV	DVB	2/3	27.500		English
			Blueberry TV	TV	DVB	2/3	27.500		English
			Best Direct	TV	DVB	2/3	27.500		English
			CBS Action	TV	DVB	2/3	27.500		English
			BabyFirst TV	TV	DVB	2/3	27.500	Videoguard	English,French,Turkish,Spanish,Portuguese
			Rocks & Co.	TV	DVB	2/3	27.500		English
			EuroNews	TV	DVB	2/3	27.500		English,French,German,Italian,Spanish,Portuguese,Russian,Arabic
			Rocks TV	TV	DVB	2/3	27.500		English
			Travel Channel UK	TV	DVB	2/3	27.500	Y	English
			Wedding TV Asia	TV	DVB	2/3	27.500		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	Red Hot Mums	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	Filth	TV	DVB	2/3	27.500		English
D 12.607	H	Fixed	Gay TV	TV	DVB	2/3	27.500	Videoguard	English
D 12.607	H	Fixed	Red Hot Amateur	TV	DVB	2/3	27.500	Videoguard	English
D 12.607	H	Fixed	LA Muscle TV	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	Xplicit XXX	TV	DVB	2/3	27.500	Videoguard	English
D 12.607	H	Fixed	Dirty Talk	TV	DVB	2/3	27.500		English

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
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	Primetime	TV	DVB	2/3	27.500	Videoguard	English
D 12.607	H	Fixed	<u>Sky UK</u>	package	DVB	2/3	27.500	Videoguard	
			Viewers' Wives	TV	DVB	2/3	27.500	Videoguard	English
D 12.607	V	Fixed	Zing UK	TV	DVB	2/3	27.500		Hindi
A 12.607	V	Fixed	Rush HD Europe	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	Zee Punjabi UK	TV	DVB	2/3	27.500	Videoguard	Punjabi
D 12.607	V	Fixed	Brit Asia TV	TV	DVB	2/3	27.500		English
D 12.607	V	Fixed	Zee TV 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	Luxe TV UK	TV	DVB	2/3	27.500		English
D 12.643	H	Fixed	Blue Tube	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	Dirty Talk	TV	DVB	2/3	27.500		English
D 12.643	H	Fixed	Up & Coming TV promo	TV	DVB	2/3	27.500		
D 12.643	H	Fixed	Loveworld TV	TV	DVB	2/3	27.500		English
D 12.643	H	Fixed	HiTV UK	TV	DVB	2/3	27.500		English
A 12.643	H	Fixed	Luxe TV UK	TV	DVB	2/3	27.500		English,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	<u>Sky UK</u>	package	DVB	2/3	27.500	Videoguard	
			Grind	TV	DVB	2/3	27.500	Videoguard	English
D 12.643	V	Fixed	Nickelodeon Ireland	TV	DVB	2/3	Y 27.500	Videoguard	English
D 12.643	V	Fixed	Elite TV 965	TV	DVB	2/3	27.500		English
D 12.643	V	Fixed	Pitch World	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	Ocean TV mosaic	TV	DVB	2/3	27.500		English
D 12.643	V	Fixed	Comedy Central Ireland +1	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	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	The Style Network Emea	TV	DVB	2/3	27.500	Videoguard	English
D 12.643	V	Fixed	MATV National	TV	DVB	2/3	27.500		
D 12.643	V	Fixed	Teachers TV	TV	DVB	2/3	27.500		English
D 12.643	V	Fixed	Military History UK	TV	DVB	2/3	27.500	Videoguard	English
D 12.643	V	Fixed	<u>Sky UK</u>	package	DVB	2/3	27.500	Videoguard	

#### EUROBIRD™ 2 (25.5°EAST)

D 11.013	H	Fixed	<u>Orbit Showtime Network</u>	package	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	
			ShowCinema TV Max 1	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic,English
			Bloomberg TV Europe	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
			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
			ShowCinema TV Max 2	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic,English
			Arabic Series	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	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,Arabic
			ShowMovies 1	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			ShowCinema TV Max 3	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic,English
			ShowComedy	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
D 11.054	H	Fixed	<u>Orbit Showtime Network</u>	package	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	
			C-SPAN Orbit	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			ShowSeries	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
			Orbit News 2	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			CNBC 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
			Super Comedy	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			Music Now	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			ShowSports 3	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			Monte Carlo Doualiya	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
			Jazz	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	
			Love Songs	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	
			Super Gold	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	
			Classical	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	

Freq (GHz)	Pol	Beam	Channel	Analogue Audio MHz		Text MSy/s	Access	Lang.	
				Digital	FEC				
D 11.096	H	Fixed	Monawa't	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
			BBC World Service Arabic	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
			BBC World Service English	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			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	
			R&B	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	
			Hits	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	
			Motown	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	
			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
			Pop	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	
			Khalijya't	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
			Dance	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	
			Absolute Radio	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			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	
			Trace TV	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	French
			JimJam Europe	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English,Arabic
			EI EMEA	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			Nickelodeon Arabia	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
			MTV Arabia	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
			ShowSports 2	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English,Arabic
			Playhouse Disney Scandinavia	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			ShowSports 1	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English,Arabic
Discovery Channel Middle East & Africa +2	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English			
ShowMovies Action	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English			
ShowShasha	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic			
Xtra Movies	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic			
Extreme Sports Channel	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English			
Discovery Science Channel Middle East	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English			
D 11.604	H	Fixed	<u>Orbit Showtime Network</u>	package	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	
			Super Comedy +2	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			Fox Sports Middle East	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			CNN International Europe	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			Discovery Channel Middle East & Africa	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			Discovery Travel & Living Europe	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
			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
			Cinema City +1	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
			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
			Tarabiya't	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
			Monawa't	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
			Khalijya't	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
			DZBB 594 Super Radyo	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Tagalog
			<u>Noorsat</u>	package	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	
			Alsumaria	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
			Nour TV	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Farsi
			VoA TV Persian	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Farsi
			Hadi TV	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
			Supreme Master TV	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			Iraq Economic	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
Al Habeeb TV	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic			
EuroNews	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic			
Watani	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic			
NART TV	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic			
Bahrain TV	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic			
Karbala Satellite Channel	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic			
Al Teb Alnabawi	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic			
TRT 6	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Kurdish			
Makkah TV	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
D 11.681	H	Fixed	Art Vision Mehnati	TV	DVB	3/4	27.500		Arabic
			Zweina Baladna	TV	DVB	3/4	27.500		English
			DM TV	TV	DVB	3/4	27.500		Arabic
			Alnour Radio	radio	DVB	3/4	27.500		Arabic
			<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
			GMA Pinoy TV Europe	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Tagalog
			Super Movies +1	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic,English
			TCM Middle East & Africa	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			GMA Life TV	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Tagalog
			Al Safwa	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
			Zone Club Europe	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			Arabic Series +4	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
			Cinema 2	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
			History Orbit	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			ShowSports 4	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			Fann	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
			Cinema 1	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
			Al Yawm	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	Irdeto 2	
			Radio Carrefour	radio	DVB	5/6	27.500		Italian
			Radio Iperstanda	radio	DVB	5/6	27.500		Italian
			Radio GS	radio	DVB	5/6	27.500		Italian
			Radio Euronics	radio	DVB	5/6	27.500		
			Uni-Music	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 11.645	H	Spot D	<u>DigiTurk</u>	package	DVB	5/6	18.556	Cryptoworks/Irdeto 2	
			Akilli TV	TV	DVB	5/6	18.556	Cryptoworks/Irdeto 2	Turkish
			TRT Belgesel	TV	DVB	5/6	18.556		Turkish
			Cine 5	TV	DVB	5/6	18.556	Cryptoworks/Irdeto 2	Turkish
			Cem TV	TV	DVB	5/6	18.556	Cryptoworks/Irdeto 2	Turkish
			FX Türkiye	TV	DVB	5/6	18.556	Cryptoworks/Irdeto 2	Turkish
			Kanal A	TV	DVB	5/6	18.556	Cryptoworks/Irdeto 2	Turkish
			Saudi Arabian TV 1	TV	DVB	5/6	18.556	Cryptoworks/Irdeto 2	Arabic
			TNT Türkiye	TV	DVB	5/6	18.556	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>Arqiva</u>	package	DVB	3/4	27.500	Cryptoworks/BISS				
			Disney Channel Romania & Bulgaria	TV	DVB	3/4	27.500	Cryptoworks	Russian,Romanian,English,Bulgarian			
			Shorts TV Turkey	TV	DVB	3/4	27.500		Turkish			
			ANN	TV	DVB	3/4	27.500		Arabic			
			ESPN America Europe	TV	DVB	3/4	27.500	BISS	English			
			ESPN America UK	TV	DVB	3/4	27.500	Cryptoworks	English			
			TNT Serie	TV	DVB	3/4	27.500	Cryptoworks	German,English			
			Mooby Interactive TV	TV	DVB	3/4	27.500					
			ESPN Classic Europe	TV	DVB	3/4	27.500	BISS	English			
			D 11.747	H	Europe	<u>Skylogic</u>	package	DVB	3/4	27.500		
						Diprè Art Channel	TV	DVB	3/4	27.500		Italian
						Sisal TV	TV	DVB	3/4	27.500	Xcrypt	Italian
						Teleitalia TV promo	TV	DVB	3/4	27.500		Italian
ReteSette	TV	DVB				3/4	27.500		Italian			
Link promo	TV	DVB				3/4	27.500		Italian			
Italiani nel mondo Channel	TV	DVB				3/4	27.500		Italian			
My Best Radio	radio	DVB				3/4	27.500		Italian			
Ros & Ros	radio	DVB				3/4	27.500		Italian			
Radio Number One	radio	DVB				3/4	27.500		Italian			
Radio Shepherd	radio	DVB	3/4	27.500		English						
Rabbi Radio	radio	DVB	3/4	27.500								
Ros & Ros Selex	radio	DVB	3/4	27.500		Italian						
Radio Genius	radio	DVB	3/4	27.500		Italian						

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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 11.785	H	Europe	<u>KabelKiosk</u>	package	DVB-S2	2/3	27.500	Conax/Videoguard	
			RT English	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German
			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
			Timm	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German
			HSE 24	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German
			Das Vierte	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German,German
			DMAX Deutschland	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German
			CNBC Europe	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	English
			CNN International Europe	TV	DVB-S2	2/3	27.500	Conax/Videoguard	English
			Yavido Clips	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German
			Imusic 1	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German
D 11.804	V	Europe	C Music TV	TV	DVB	3/4	27.500		
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 11.804	V	Europe	Luxe TV	TV	DVB	3/4	27.500		French,English,Italian,Russian
A 11.804	V	Europe	Luxe TV HD	TV	DVB	3/4	27.500		French,English,German,Italian,Russian,Spanish
D 11.823	H	Europe	<u>Skylogik</u>	package	DVB	3/4	27.500	Irdeto 2/Mediaguard 2/Viaccess 2.6	
			Trace Tropical	TV	DVB	3/4	27.500		French
			TVB Lifestyle	TV	DVB	3/4	27.500	Irdeto 2	Chinese
			TVB Classic	TV	DVB	3/4	27.500	Irdeto 2	Chinese
			TVB Entertainment News	TV	DVB	3/4	27.500	Irdeto 2	Chinese
			TVBN	TV	DVB	3/4	27.500	Irdeto 2	Chinese
			CCTV 4 Europe	TV	DVB	3/4	27.500		Chinese
			TV 2000	TV	DVB	3/4	27.500	BISS	Italian
			Tivuitalia	TV	DVB	3/4	27.500		Italian
			Bag TV	TV	DVB	3/4	27.500		Italian
			Noello Sat	TV	DVB	3/4	27.500		Italian
			TVBS Europe	TV	DVB	3/4	27.500	Irdeto 2	Cantonese,Chinese
			Radio Nostalgia	radio	DVB	3/4	27.500		Italian
			Radio Italia Network	radio	DVB	3/4	27.500		Italian
			Radio CRC Targato Italia	radio	DVB	3/4	27.500		Italian
D 11.843	V	Europe	Zee Cinema UK	TV	DVB	3/4	27.500	Irdeto 2	Hindi
D 11.843	V	Europe	Zee TV UK	TV	DVB	3/4	27.500	Irdeto 2	Hindi
D 11.843	V	Europe	Zee TV Russia	TV	DVB	3/4	27.500	Irdeto 2	Russian
D 11.843	V	Europe	MMC TV	TV	DVB	3/4	27.500		Kurdish
D 11.843	V	Europe	Roj TV	TV	DVB	3/4	27.500		Kurdish
D 11.843	V	Europe	Finest TV	TV	DVB	3/4	27.500		Turkish
D 11.843	V	Europe	Al Rasheed TV	TV	DVB	3/4	27.500		Arabic
D 11.843	V	Europe	Live Channel	TV	DVB	3/4	27.500		Farsi
D 11.843	V	Europe	Bluemoon	TV	DVB	3/4	27.500		
D 11.843	V	Europe	KNN Channel	TV	DVB	3/4	27.500		Kurdish
D 11.843	V	Europe	Al Rasheed FM	radio	DVB	3/4	27.500		Arabic
D 11.843	V	Europe	Radio Eviva	radio	DVB	3/4	27.500		German
D 11.843	V	Europe	Radio Al-Mahabba	radio	DVB	3/4	27.500		Arabic
D 11.843	V	Europe	Radio Zamanah	radio	DVB	3/4	27.500		Farsi
D 11.843	V	Europe	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	
			Vox Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	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
			N-TV	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German
			Super RTL Deutschland	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
			RTL 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
			Pro Sieben Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German,German
A 11.881	V	Europe	<u>RRsat Global Communications Network</u>	package	DVB-S2	2/3	27.500	Conax/Irdeto 2/Viaccess 2.6	
			Bebe TV HD	TV	DVB-S2	2/3	27.500	Conax	English
			FTV HD +6	TV	DVB-S2	2/3	27.500	Viaccess 2.6	
			HD 1	TV	DVB-S2	2/3	27.500	Irdeto 2	
			I-concerts	TV	DVB-S2	2/3	27.500	Viaccess 2.6	
D 11.919	V	Europe	<u>RRsat Global Communications Network</u>	package	DVB	3/4	27.500		
			Al Alamia	TV	DVB	3/4	27.500		Arabic

Freq (GHz)	Pol	Beam	Channel	Analogue Audio MHz		Text MSy/s	Access	Lang.
				Digital	FEC			
			The Karaoke Channel	TV	DVB	3/4	27.500 Irdeto 2	
			Nepali TV	TV	DVB	3/4	27.500	
			Asianet Plus	TV	DVB	3/4	27.500 Viaccess 2.5/Viaccess 2.6	Malayalam
			Asianet	TV	DVB	3/4	27.500 Viaccess 2.5/Viaccess 2.6	Malayalam
			Angel TV	TV	DVB	3/4	27.500	Tamil
			MTA 3 Al Arabiyah	TV	DVB	3/4	27.500	Arabic
			NLM TV	TV	DVB	3/4	27.500	Tamil
			Divine TV	TV	DVB	3/4	27.500	English
			The Israeli Network	TV	DVB	3/4	27.500 Viaccess 2.6	Hebrew
			SVT World	TV	DVB	3/4	Y 27.500 Viaccess 2.6	Swedish
			Fox Sports Middle East	TV	DVB	3/4	27.500 Viaccess 2.6	English
			Rainbow	TV	DVB	3/4	27.500	Tamil
			Amrita TV Middle East	TV	DVB	3/4	27.500	Malayalam
			Bom Deus	TV	DVB	3/4	27.500	Portuguese
			NTR Tamil	radio	DVB	3/4	27.500	Tamil
			Toloo Radio	radio	DVB	3/4	27.500	
			Ariamehr Radio	radio	DVB	3/4	27.500	Farsi
			Radio Eden	radio	DVB	3/4	27.500	
			Tamil Radio	radio	DVB	3/4	27.500	Tamil
			SR P4	radio	DVB	3/4	27.500	Swedish
			Radio Sweden	radio	DVB	3/4	27.500	
			EPersian Radio	radio	DVB	3/4	27.500	Farsi
			Radio All For Peace	radio	DVB	3/4	27.500 BISS	
D 11.938	H	Europe	<u>GlobeCast</u>	package	DVB	3/4	27.500 Viaccess 2.5/BISS	
			Walf TV	TV	DVB	3/4	27.500 Viaccess 2.5	French
			Rai Italia 3 Africa	TV	DVB	3/4	27.500 Viaccess 2.5	Italian
			TV Lanka Channel 2	TV	DVB	3/4	27.500	Sinhalese
			Fantasy promo	TV	DVB	3/4	27.500 BISS	
			TV Neth Sri Lanka	TV	DVB	3/4	27.500	Sinhalese
			Radio Walf 2	radio	DVB	3/4	27.500 Viaccess 2.5	French
			Radio Walf 1	radio	DVB	3/4	27.500 Viaccess 2.5	French
D 11.958	V	Europe	<u>M2</u>	package	DVB	3/4	27.500	
			M2	TV	DVB	3/4	Y 27.500	Hungarian
			M2	TV	DVB	3/4	Y 27.500	Hungarian,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	
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
			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
			CCTV 4 Europe	TV	DVB	3/4	27.500	Chinese
			KTV	TV	DVB	3/4	27.500 Irdeto 2	Tamil
			Sun Music	TV	DVB	3/4	27.500 Irdeto 2	Tamil
			Adithya TV	TV	DVB	3/4	27.500 Irdeto 2	Tamil
			Chutti TV	TV	DVB	3/4	27.500 Irdeto 2	Tamil
			BBC Entertainment Europe	TV	DVB	3/4	27.500 Viaccess 3.0	English
			B4U Movies UAE	TV	DVB	3/4	27.500	Hindi
			CCTV E	TV	DVB	3/4	27.500	Spanish
			MTV Portugal	TV	DVB	3/4	27.500 Cryptoworks	Portuguese
D 12.015	H	Europe	<u>KabelKiosk</u>	package	DVB-S2	2/3	27.500 Conax/Videoguard	
			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
			France 24 English	TV	DVB-S2	2/3	27.500	English
			TV Gusto	TV	DVB-S2	2/3	27.500 Conax/Videoguard	German
			Deluxe Music	TV	DVB-S2	2/3	27.500 Conax/Videoguard	German,German
			DSF	TV	DVB-S2	2/3	Y 27.500 Conax/Videoguard	German
			Volksmusik TV	TV	DVB-S2	2/3	27.500 Conax/Videoguard	German
			Deutsches Anleger Fernsehen	TV	DVB-S2	2/3	27.500 Conax/Videoguard	German
			Bibel TV	TV	DVB-S2	2/3	27.500 Conax/Videoguard	German
			UProm TV	TV	DVB-S2	2/3	27.500 Conax/Videoguard	German
			Luxe 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	
			MusicMix	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
			Spektrum TV	TV	DVB-S2	3/4	27.500 Conax	Hungarian

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio	MHz	Text	Access	Lang.
				Digital	FEC	MSy/s				
A 12.054	H	Europe	FilmBox Extra Hungary	TV	DVB-S2	3/4	27.500	Conax		Hungarian
			Hír TV	TV	DVB-S2	3/4	Y 27.500	Conax		Hungarian
			National Geographic Channel Hungary & Czechia	TV	DVB-S2	3/4	27.500	Conax		Hungarian
			Discovery Channel Hungary	TV	DVB-S2	3/4	27.500	Conax		Hungarian
			Nat Geo Wild Hungary	TV	DVB-S2	3/4	27.500	Conax		Hungarian
			MusicMix SuperOne	TV	DVB-S2	3/4	27.500	Conax		Hungarian
			MTV Hungary	TV	DVB-S2	3/4	27.500	Conax		Hungarian
			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
			Eurosport 2 FA Premier League	TV	DVB-S2	3/4	27.500	Conax		Hungarian
			HBO Comedy Central Europe	TV	DVB-S2	3/4	27.500	Conax		Hungarian
			HBO 2 Central Europe	TV	DVB-S2	3/4	27.500	Conax		Hungarian
			TCM Central & Eastern Europe	TV	DVB-S2	3/4	27.500	Conax		Hungarian
			Cartoon Network Central & Eastern Europe	TV	DVB-S2	3/4	27.500	Conax		Hungarian
			Discovery HD Showcase	TV	DVB-S2	3/4	27.500	Conax		English
			M1	TV	DVB-S2	3/4	27.500	Conax		Hungarian
			Minimax Hungary	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
D 12.074	V	Europe	<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
			Penthouse HD	TV	DVB-S2	2/3	27.500	DRE-Crypt		English
D 12.092	H	Europe	<u>Hello HD</u>	package	DVB-S2	3/4	27.500	Conax/Cryptoworks/Irdeto 2		
			Film + Hungary	TV	DVB-S2	3/4	27.500	Conax		Hungarian
			Sport Klub Hungary	TV	DVB-S2	3/4	27.500	Conax		Hungarian
			Hallmark Channel Hungary	TV	DVB-S2	3/4	27.500	Conax		
			4! Story TV	TV	DVB-S2	3/4	27.500	Conax		Hungarian
			AXN Central Europe	TV	DVB-S2	3/4	27.500	Conax		Hungarian
			Sport 1 Hungary	TV	DVB-S2	3/4	27.500	Conax		Hungarian
			Travel Channel	TV	DVB-S2	3/4	27.500	Conax		
			FilmBox HD Hungary	TV	DVB-S2	3/4	27.500	Conax		English,Hungarian
			National Geographic Channel HD UK	TV	DVB-S2	3/4	27.500	Conax		English
			History HD Europe	TV	DVB-S2	3/4	27.500	Conax		Hungarian
			ATV	TV	DVB-S2	3/4	Y 27.500	Conax		Hungarian
			TV 2	TV	DVB-S2	3/4	Y 27.500	Conax		Hungarian
			Cinemax Central Europe	TV	DVB-S2	3/4	27.500	Conax		Hungarian
			Sport 2 Hungary	TV	DVB-S2	3/4	27.500	Conax		Hungarian
			Cool TV	TV	DVB-S2	3/4	27.500	Conax		Hungarian
Digi Sport Hungary	TV	DVB-S2	3/4	27.500	Conax		Hungarian			
RTL Klub	TV	DVB-S2	3/4	Y 27.500	Conax		Hungarian			
D 12.130	H	Europe	<u>TSA</u>	package	DVB	3/4	27.500			
			Destino Galicia	TV	DVB	3/4	27.500			
			Disney Cinemagic España +1	TV	DVB	3/4	27.500	Viaccess 2.6		Spanish
			Disney Cinemagic España	TV	DVB	3/4	27.500	Viaccess 2.6		Spanish
			TVE Internacional Asia-Africa	TV	DVB	3/4	Y 27.500			Spanish
			Action TV	TV	DVB	3/4	27.500			Spanish
			Tu Tele Local	TV	DVB	3/4	27.500			Spanish
			Iberalia TV	TV	DVB	3/4	27.500	KeyFly		Spanish
			Canal Parlamento	TV	DVB	3/4	27.500			Spanish
			Música ambiental	radio	DVB	3/4	27.500			
			Radio Exterior de España	radio	DVB	3/4	27.500			
			Éxito Radio	radio	DVB	3/4	27.500			Spanish
			Música joven	radio	DVB	3/4	27.500			
			Canal latino	radio	DVB	3/4	27.500			
Grandes éxitos	radio	DVB	3/4	27.500						
Música clásica	radio	DVB	3/4	27.500						
Música romántica	radio	DVB	3/4	27.500						
Fama Radio	radio	DVB	3/4	27.500			Spanish			
D 12.130	H	Europe	<u>KabelKiosk</u>	package	DVB	3/4	27.500	Conax/Videoguard		
			Kinowelt TV	TV	DVB	3/4	27.500	Conax/Videoguard		German
			EuroNews	TV	DVB	3/4	27.500	Conax/Videoguard		English,French,Portuguese,Russian,Spanish,h,Italian
			Pink Plus	TV	DVB	3/4	27.500	Conax/Videoguard		Serbian
			EuroStar	TV	DVB	3/4	27.500	Conax/Videoguard		Turkish
			RTR Planeta	TV	DVB	3/4	27.500	Conax/Videoguard		Russian
Body in Balance Germany	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 12.207	H	Europe	Lig TV	TV	DVB	3/4	27.500	Conax/Videoguard	Turkish			
			France 24 English	TV	DVB	3/4	27.500		English			
			Animax Deutschland	TV	DVB	3/4	27.500	Conax/Videoguard	German			
			Perviy kanal Europa	TV	DVB	3/4	27.500	Conax/Videoguard	Russian			
			<u>Platforma DV</u>	package	DVB-S2	2/3	27.500	DRE-Crypt				
			Bibigon	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian			
			Kinopokaz	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian			
			5 Kanal	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian			
			Tonus TV	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			
			Kanal Teleputeshstviya	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian			
			Zoo TV	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian			
			Rossiya 24	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian			
			TNT	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian			
			STS	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian			
			Rossiya K	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian			
Rossiya 1	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian						
Rossiya 2	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian						
NTV	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian						
REN TV	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian						
D 12.245	H	Europe	<u>Belgium Satellite Services</u>	package	DVB	3/4	27.500					
			PTV	TV	DVB	3/4	27.500		Arabic			
			PEN	TV	DVB	3/4	27.500		Farsi			
			Zagros TV	TV	DVB	3/4	27.500		Kurdish			
			KNN Channel	TV	DVB	3/4	27.500		Kurdish			
			Azad TV International	TV	DVB	3/4	27.500		Azerbaijan			
			Komala TV	TV	DVB	3/4	27.500		Kurdish			
			Korek TV	TV	DVB	3/4	27.500		Kurdish			
			Al Rasheed TV	TV	DVB	3/4	27.500		Arabic			
			Finest TV	TV	DVB	3/4	27.500		Turkish			
			Kanal 4	TV	DVB	3/4	27.500		Kurdish			
			Live Channel	TV	DVB	3/4	27.500		Farsi			
			ICC Classic	TV	DVB	3/4	27.500		Farsi			
			Radio Vlaanderen Info	radio	DVB	3/4	27.500		Dutch			
			Radio Eviva	radio	DVB	3/4	27.500		German			
			Radio Al-Mahabba	radio	DVB	3/4	27.500		Arabic			
			Radio 74	radio	DVB	3/4	27.500		English			
			Radio Zamaneh	radio	DVB	3/4	27.500		Farsi			
			Radio Vlaanderen	radio	DVB	3/4	27.500		Dutch			
			Radio Zagros	radio	DVB	3/4	27.500		Kurdish			
Al Rasheed FM	radio	DVB	3/4	27.500		Arabic						
D 12.284	H	Europe	<u>KabelKiosk</u>	package	DVB-S2	2/3	27.500	Conax/Videoguard				
			The Poker Channel	TV	DVB-S2	2/3	27.500	Conax/Videoguard	English			
			TVE Internacional Europe	TV	DVB-S2	2/3	27.500	Conax/Videoguard	Spanish			
			Vox Deutschland	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German			
			RTL Deutschland	TV	DVB-S2	2/3	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 Teleputeshstviya HD	TV	DVB-S2	2/3	26.400	DRE-Crypt	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				
			ATV Avrupa	TV	DVB	3/4	27.500	Conax/Videoguard	Turkish			
			TürkMax	TV	DVB	3/4	27.500	Conax/Videoguard	Turkish			
			TRT Türk	TV	DVB	3/4	27.500	Conax/Videoguard	Turkish			
			TVP Polonia	TV	DVB	3/4	27.500	Conax/Videoguard	Polish			
			Rai Due	TV	DVB	3/4	27.500	Conax/Videoguard	Italian			
			Rai Tre	TV	DVB	3/4	27.500	Conax/Videoguard	Italian			
			Euro D	TV	DVB	3/4	27.500	Conax/Videoguard	Turkish			
			Rai Uno	TV	DVB	3/4	27.500	Conax/Videoguard	Italian			
			Show Turk	TV	DVB	3/4	27.500	Conax/Videoguard	Turkish			
			NTV Avrupa	TV	DVB	3/4	27.500	Conax/Videoguard	Turkish			
			Kanal 7 Avrupa	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	
						Auto Motor und Sport	TV	DVB	3/4	27.500	Conax/Videoguard	German
						Rush HD Europe	TV	DVB	3/4	27.500	Conax/Videoguard	English

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
			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
D 12.437	H	Europe	Volksmusik TV	TV	DVB	3/4	27.500	Conax/Videoguard	German
D 12.437	H	Europe	JayJay FM	radio	DVB	3/4	27.500		German

### EUROBIRD™ 16 (16°EAST)

D 10.719	V	Wide	<u>DigitAlb</u>	package	DVB	3/4	27.500	Conax	
			X4	TV	DVB	3/4	27.500	Conax	Albanian
			A1	TV	DVB	3/4	27.500	Conax	Albanian
			National Geographic Channel Romania	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
			Supersonic TV	TV	DVB	3/4	27.500	Conax	Albanian
			TCM Central & Eastern Europe	TV	DVB	3/4	27.500	Conax	English
			X3	TV	DVB	3/4	27.500	Conax	Albanian
			BBF	TV	DVB	3/4	27.500	Conax	Albanian
			Tirana TV	TV	DVB	3/4	27.500	Conax	Albanian
			Telenorba Shqiptare	TV	DVB	3/4	27.500	Conax	Albanian
			SuperSport HD 1	TV	DVB	3/4	27.500	Conax	Albanian
			SuperSport HD 2	TV	DVB	3/4	27.500	Conax	Albanian
			Cartoon Network Central & Eastern Europe	TV	DVB	3/4	27.500	Conax	English
D 10.758	V	Wide	<u>DigitAlb</u>	package	DVB	7/8	27.500	Conax	
			Kohavision	TV	DVB	7/8	27.500	Conax	Albanian
			Digi Gold	TV	DVB	7/8	27.500	Conax	Albanian
			Klan Kosova	TV	DVB	7/8	27.500	Conax	Albanian
			RTV 21 Sat	TV	DVB	7/8	27.500	Conax	Albanian
			Ora News	TV	DVB	7/8	27.500	Conax	Albanian
			TV Shqiptar	TV	DVB	7/8	27.500	Conax	Albanian
			MusicAl	TV	DVB	7/8	27.500	Conax	Albanian
			News 24	TV	DVB	7/8	27.500	Conax	Albanian
			TV Klan	TV	DVB	7/8	27.500	Conax	Albanian
			SuperSport 5	TV	DVB	7/8	27.500	Conax	Albanian
			SuperSport 4	TV	DVB	7/8	27.500	Conax	Albanian
			SuperSport 3	TV	DVB	7/8	27.500	Conax	Albanian
			SuperSport 2	TV	DVB	7/8	27.500	Conax	Albanian
			SuperSport 1	TV	DVB	7/8	27.500	Conax	Albanian
			Koha TV	TV	DVB	7/8	27.500	Conax	Albanian
D 10.796	V	Wide	<u>Arqiva</u>	package	DVB	3/4	30.000	Cryptoworks/PowerVu/Videoguard	
			Planeta TV	TV	DVB	3/4	30.000	Cryptoworks	Bulgarian
			Folklor TV	TV	DVB	3/4	30.000		Bulgarian
			Royal Bank of Scotland TV	TV	DVB	3/4	30.000	PowerVu	English
			National Westminster Bank TV	TV	DVB	3/4	30.000	PowerVu	English
			Hallmark Channel Bulgaria	TV	DVB	3/4	30.000	Cryptoworks/Videoguard	Bulgarian
			Kanal Sofija TV	TV	DVB	3/4	30.000		Bulgarian
			AXN Bulgaria	TV	DVB	3/4	30.000	Cryptoworks/Videoguard	Bulgarian
			EBF	TV	DVB	3/4	30.000		Bulgarian
			Viasat History	TV	DVB	3/4	30.000	Cryptoworks	English
			BTV Comedy	TV	DVB	3/4	30.000	Cryptoworks/Videoguard	Bulgarian
			Premium Digital	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
			Action	TV	DVB	5/6	27.500	Mediaguard 2	French
			Seasons	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
			Canal + France	TV	DVB	5/6	27.500	Mediaguard 2	French
			Zee Cinema UK	TV	DVB	5/6	27.500	Mediaguard 2	Hindi
			Ushuaia TV	TV	DVB	5/6	27.500	Mediaguard 2	French
			Extreme Sports Channel	TV	DVB	5/6	27.500	Mediaguard 2	
			Planète No Limit	TV	DVB	5/6	27.500	Mediaguard 2	French

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
D 10.834	V	Wide	Private Spice	TV	DVB	5/6	27.500	Mediaguard 2	English
			<u>Total TV</u>	package	DVB	5/6	27.500	Cryptoworks/Videoguard	Croatian,Slovenian
			Cinemax 2 Central Europe	TV	DVB	5/6	27.500	Cryptoworks/Videoguard	Serbian,Slovenian,Croatian,Bulgarian
			Alternativna TV	TV	DVB	5/6	Y 27.500	Videoguard	Serbian
			Fox TV Srbija	TV	DVB	5/6	Y 27.500	Videoguard	Serbian
			Federalna TV	TV	DVB	5/6	Y 27.500	Videoguard	Bosnian
			RTRS TV	TV	DVB	5/6	Y 27.500	Videoguard	Serbian
			OBN	TV	DVB	5/6	Y 27.500	Videoguard	Bosnian
			HBO Adria	TV	DVB	5/6	Y 27.500	Cryptoworks/Videoguard	Serbian,Croatian,Slovenian
			Discovery Travel & Living Europe	TV	DVB	5/6	27.500	Cryptoworks/Videoguard	English
			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	Cryptoworks/Videoguard	Serbian,Slovenian,Croatian,Bulgarian
			TV Avala	TV	DVB	5/6	Y 27.500	Videoguard	Serbian
			History Europe	TV	DVB	5/6	27.500	Videoguard	English
D 10.873	V	Wide	<u>Total TV</u>	package	DVB	5/6	27.500	Cryptoworks/Irdeto 2/Videoguard	
			Ultra TV	TV	DVB	5/6	27.500	Videoguard	Serbian
			Sport Klub Serbia	TV	DVB	5/6	Y 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
			Happy TV	TV	DVB	5/6	Y 27.500	Irdeto 2/Videoguard	Serbian
			Film + Serbia	TV	DVB	5/6	27.500	Videoguard	Serbian
			Enter TV	TV	DVB	5/6	Y 27.500	Videoguard	Serbian
			DoQ South East Europe	TV	DVB	5/6	27.500	Videoguard	English
			Cinematica	TV	DVB	5/6	27.500	Videoguard	Serbian
			Studio B	TV	DVB	5/6	27.500	Videoguard	Serbian
			B92 Info kanal	TV	DVB	5/6	27.500	Videoguard	Serbian
			Disney XD Middle East	TV	DVB	5/6	27.500	Videoguard	English
			TV B92	TV	DVB	5/6	Y 27.500	Videoguard	Serbian
D 10.892	H	Wide	B92 FM	radio	DVB	5/6	27.500	Videoguard	Serbian
			<u>Total TV</u>	package	DVB	3/4	27.500	Videoguard	
			BBC Entertainment Europe	TV	DVB	3/4	27.500	Videoguard	English
			TV Slovenija 1	TV	DVB	3/4	27.500	Videoguard	Slovenian
			Sport Klub Slovenija	TV	DVB	3/4	27.500	Videoguard	Slovenian
			Golica TV	TV	DVB	3/4	27.500		Slovenian
			Carli TV	TV	DVB	3/4	27.500		Slovenian
			Info TV	TV	DVB	3/4	27.500		Slovenian
			TV 3 Slovenija	TV	DVB	3/4	Y 27.500	Videoguard	Slovenian
			TV Pika	TV	DVB	3/4	Y 27.500	Videoguard	Slovenian
			Kanal A	TV	DVB	3/4	Y 27.500	Videoguard	Slovenian
			Pop TV	TV	DVB	3/4	Y 27.500	Videoguard	Slovenian
			TV Slovenija 2	TV	DVB	3/4	27.500	Videoguard	Slovenian
			Radio 1	radio	DVB	3/4	27.500		Slovenian
			D 10.911	V	Wide	<u>Sony Pictures TV International</u>	package	DVB	5/6
SET Africa	TV	DVB				5/6	27.500	Viaccess 2.6	English
AXN Adria	TV	DVB				5/6	27.500	Viaccess 3.0/Videoguard	English
Animax South Africa	TV	DVB				5/6	27.500	PowerVu	English
AXN Crime Polska	TV	DVB				5/6	27.500	PowerVu	Polish,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
Animax Deutschland	TV	DVB				5/6	27.500	PowerVu	German,English
AXN Romania	TV	DVB				5/6	Y 27.500	PowerVu	Romanian,Hungarian,Czech,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 Deutschland	TV	DVB				5/6	27.500	Viaccess 2.6	English,German
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				<u>Total TV</u>	package	DVB	3/4
			Disney Channel Polska	TV	DVB	3/4	27.500	Videoguard	English
			Investigation Discovery Europe	TV	DVB	3/4	27.500	Videoguard	English,Polish,Hungarian,Russian
			ESPN America Europe	TV	DVB	3/4	27.500	Videoguard	English
			Arena Sport 3	TV	DVB	3/4	27.500	Videoguard	Serbian
			Arena Sport 2	TV	DVB	3/4	27.500	Videoguard	Serbian
			Arena Sport 1	TV	DVB	3/4	27.500	Videoguard	Serbian
			TV Alfa	TV	DVB	3/4	27.500	Videoguard	Bosnian
			Sport Klub Croatia	TV	DVB	3/4	27.500	Videoguard	Croatian
			Eurosport 2 Bundesliga	TV	DVB	3/4	27.500	Videoguard	Serbian,English

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio	MHz	Text	Access	Lang.
				Digital	FEC	MSy/s				
			The Fishing and Hunting Channel South East Europe	TV	DVB	3/4	27.500	Videoguard		English
			TV Metropolis	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	<u>NBA TV</u>	package	DVB-S2	5/6	30.000	BISS		
			NBA TV	TV	DVB-S2	5/6	30.000	BISS		English

### W3A (7°EAST)

D 10.721	H	Europe B	<u>IVG</u>	package	DVB	1/2	22.000			
			Simay-Azadi Iran National TV	TV	DVB	1/2	22.000			Farsi
			VoA TV Persian	TV	DVB	1/2	22.000			Farsi
			Pars TV	TV	DVB	1/2	22.000			Farsi
			BBC Persian	TV	DVB	1/2	22.000			Farsi
D 10.762	H	Europe B	Horizon Satellite Services	interacti	DVB-S2	5/6	29.500			
D 10.845	V	Europe B	SkyDSL	interacti	DVB	3/4	27.500			
A 10.886	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
			MovieMax HD	TV	DVB-S2	5/6	30.000	Irdeto 2		Turkish
			SporMax	TV	DVB-S2	5/6	30.000	Cryptoworks/Irdeto 2		Turkish
			DiziMax	TV	DVB-S2	5/6	30.000	Irdeto 2		Turkish
			Lig TV	TV	DVB-S2	5/6	30.000	Cryptoworks/Irdeto 2		Turkish
A 10.928	H	Europe B	National Geographic Channel HD UK	TV	DVB	3/4	30.000			Turkish,English
D 10.928	H	Europe B	Wedding TV Polska	TV	DVB	3/4	30.000			Turkish
D 10.928	H	Europe B	Rai Uno	TV	DVB	3/4	30.000			Italian
D 10.928	H	Europe B	Perviy kanal Europa	TV	DVB	3/4	30.000			Russian
D 10.928	H	Europe B	<u>DigiTurk</u>	package	DVB	3/4	30.000			
D 10.928	V	Europe B	Bobar Radio	radio	DVB	3/4	27.500			Serbian
D 10.928	V	Europe B	Soft Pop	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	Cocktail	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	Gold	radio	DVB	3/4	27.500			
D 10.928	V	Europe B	Hits Online	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	Classic	radio	DVB	3/4	27.500			
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			
			Eurosport 2 Bundesliga	TV	DVB	3/4	27.500	Viaccess 3.0/Viaccess 4.0		English
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 3	radio	DVB	3/4	27.500			
			RFI Langues Diverse	radio	DVB	3/4	27.500			
			RFI Diverse 1	radio	DVB	3/4	27.500			
			RFI Diverse 2	radio	DVB	3/4	27.500			
			RFI Diverse 7	radio	DVB	3/4	27.500			
			RFI Français	radio	DVB	3/4	27.500			French
			RFI Latine	radio	DVB	3/4	27.500			
			RFI Langues Est	radio	DVB	3/4	27.500			
			RFI Diverse 4	radio	DVB	3/4	27.500			
			RFI Musique	radio	DVB	3/4	27.500			
			RFI Français	radio	DVB	3/4	27.500			French
			RFI Langues 1	radio	DVB	3/4	27.500			
			RFI Diverse 6	radio	DVB	3/4	27.500			
			Buffalo Grill	radio	DVB	3/4	27.500	Viaccess 2.5		
			Monte Carlo Doualiya	radio	DVB	3/4	27.500			Arabic
			RFI Afrique	radio	DVB	3/4	27.500			
D 11.324	V	Europe A	<u>Multi-Channel BFBS</u>	package	DVB	2/3	27.500	Cryptoworks		
			Sky Sports 2	TV	DVB	2/3	Y 27.500	Cryptoworks		English
			BFBS 1 Day Later	TV	DVB	2/3	Y 27.500	Cryptoworks		English
			Q	TV	DVB	2/3	Y 27.500	Cryptoworks		English

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.			
				Digital	FEC	MSy/s						
D 11.345	H	Europe A	Sky Sports 1	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	TV	DVB	2/3	Y 27.500	Cryptoworks	English			
			Sky News UK	TV	DVB	2/3	27.500	Cryptoworks	English			
			BFBS Radio Balkans	radio	DVB	2/3	27.500		English			
			BFBS Radio Middle East	radio	DVB	2/3	27.500		English			
			BFBS Radio Cyprus	radio	DVB	2/3	27.500		English			
			BFBS Radio Germany	radio	DVB	2/3	27.500		English			
			BFBS Radio 2 Cyprus	radio	DVB	2/3	27.500		English			
			BFBS Radio Navy	radio	DVB	2/3	27.500		English			
			BFBS Radio 2 Europe	radio	DVB	2/3	27.500		English			
			BFBS Radio 2 World	radio	DVB	2/3	27.500	Cryptoworks	English			
			BFBS Gurkha Radio	radio	DVB	2/3	27.500					
			BFBS Radio Europe	radio	DVB	2/3	27.500		English			
			BFBS Radio Northern Ireland	radio	DVB	2/3	27.500		English			
			BFBS Radio Gibraltar	radio	DVB	2/3	27.500		English			
			BFBS Radio Afghanistan	radio	DVB	2/3	27.500		English			
			<u>Eutelsat</u>	package	DVB	2/3	27.500					
			Eurosport 2 Deutschland	TV	DVB	2/3	Y 27.500	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	German			
			Africable	TV	DVB	2/3	27.500		French			
			ORTM	TV	DVB	2/3	27.500		French			
			Eurosport 2 FA Premier League	TV	DVB	2/3	27.500	Viaccess 3.0	English			
			RTS 1	TV	DVB	2/3	27.500		French			
			TPA Internacional	TV	DVB	2/3	27.500		Portuguese			
			2S TV	TV	DVB	2/3	27.500	Viaccess 2.6	French			
			La Radio Plus	radio	DVB	2/3	27.500		French			
Cocktail	radio	DVB	2/3	27.500								
Classic	radio	DVB	2/3	27.500								
Soft Pop	radio	DVB	2/3	27.500								
Canal A	radio	DVB	2/3	27.500		Portuguese						
I.D.	radio	DVB	2/3	27.500								
Mix	radio	DVB	2/3	27.500								
Gold	radio	DVB	2/3	27.500								
Chartbusters Radio	radio	DVB	2/3	27.500		English						
Radio Sénégal International	radio	DVB	2/3	27.500		French						
Hits Online	radio	DVB	2/3	27.500								
D 11.452	V	Europe B	<u>DigiTurk</u>	package	DVB	2/3	25.066	Cryptoworks/Irdeto 2				
			EI EMEA	TV	DVB	2/3	25.066	Cryptoworks/Irdeto 2	English			
			Salonda Ne Var?	TV	DVB	2/3	25.066	Cryptoworks/Irdeto 2	Turkish			
			Bugün TV	TV	DVB	2/3	25.066	Cryptoworks/Irdeto 2	Turkish			
			TRT 4	TV	DVB	2/3	25.066		Turkish			
			Perviy kanal Europa	TV	DVB	2/3	25.066	Cryptoworks/Irdeto 2	Russian			
			Kanal B	TV	DVB	2/3	25.066	Cryptoworks/Irdeto 2	Turkish			
			Halk TV	TV	DVB	2/3	25.066	Cryptoworks/Irdeto 2	Turkish			
			Yaban	TV	DVB	2/3	25.066	Cryptoworks/Irdeto 2	Turkish			
			Digi Kanal	TV	DVB	2/3	25.066		Turkish			
			SES 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	
						MTV Türkiye	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
Fox Life Turkey	TV	DVB				3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
E2	TV	DVB				3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
Mezzo	TV	DVB				3/4	30.000	Cryptoworks/Irdeto 2				
Fashion TV Europe	TV	DVB				3/4	30.000	Cryptoworks/Irdeto 2				
TV Net	TV	DVB				3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
NTV Spor	TV	DVB				3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
24	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			
EuroNews	TV	DVB				3/4	30.000	Cryptoworks/Irdeto 2	English,German,French,Spanish			
D 11.492	V	Europe B				<u>DigiTurk</u>	package	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
			Lig TV	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			TRT 1	TV	DVB	3/4	Y 30.000		Turkish			
			Show Plus	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			TürkMax	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			TRT 2	TV	DVB	3/4	30.000		Turkish			
GS 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 11.513	H	Europe B	DiziMax	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			TRT 6	TV	DVB	3/4	30.000		Kurdish			
			Samanyolu TV Türkiye	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			Zone Reality Europe	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	English,Turkish			
			Wedding TV Polska	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish,English			
			<u>DigiTurk</u>	package	DVB	3/4	27.500	Cryptoworks/Irdeto 2				
			Flash TV	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2	Turkish			
			Yumurcak TV	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2	Turkish			
			BabyFirst TV	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2	Turkish,English			
			Samanyolu Haber	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2	Turkish			
			Power Türk TV	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2	Turkish			
			Bio UK	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2	Turkish,English			
			Iz TV	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2	Turkish			
			TV 5 Monde Europe	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2	French			
			Baby TV Europe	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2	Turkish,English			
			Crime & Investigation Network UK	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2	Turkish,English			
			Müşteri Hizmetleri	interacti	DVB	3/4	27.500	Cryptoworks/Irdeto 2				
			Jojo Interaktif	interacti	DVB	3/4	27.500	Cryptoworks/Irdeto 2				
			IBB Trafik	interacti	DVB	3/4	27.500	Cryptoworks/Irdeto 2				
			Süper Lig Bilgi Kanali	interacti	DVB	3/4	27.500	Cryptoworks/Irdeto 2				
			Yemek Sepeti	interacti	DVB	3/4	27.500	Cryptoworks/Irdeto 2				
			TV Hava Durumu	interacti	DVB	3/4	27.500	Cryptoworks/Irdeto 2				
			Halk Bankasi	interacti	DVB	3/4	27.500	Cryptoworks/Irdeto 2				
			Digiaktif	interacti	DVB	3/4	27.500	Cryptoworks/Irdeto 2				
			Masal TV	interacti	DVB	3/4	27.500	Cryptoworks/Irdeto 2	Turkish			
			Digiposta	interacti	DVB	3/4	27.500	Cryptoworks/Irdeto 2				
			Ajans Press	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				
			BBC World News	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	English			
			TRT 3	TV	DVB	3/4	30.000		Turkish			
			Kral TV	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			Bloomberg TV Europe	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	English			
			TV 8	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			Cartoon Network Türkiye	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			6 News	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			CNN Türk	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			CNBC-E	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			Kanalturk	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			NTV Türkiye	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			MovieMax 1	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			TV Finans	interacti	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			D 11.554	H	Europe B	<u>DigiTurk</u>	package	DVB	3/4	27.500	Cryptoworks/Irdeto 2	
						TNT Türkiye	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2	Turkish
						Cem TV	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2	Turkish
						TRT Belgesel	TV	DVB	3/4	27.500		Turkish
						Cine 5	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2	Turkish
						Saudi Arabian TV 1	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2	Arabic
Akilli TV	TV	DVB				3/4	27.500	Cryptoworks/Irdeto 2	Turkish			
FX Türkiye	TV	DVB				3/4	27.500	Cryptoworks/Irdeto 2	Turkish			
Kanal A	TV	DVB				3/4	27.500	Cryptoworks/Irdeto 2	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	
						Salon 2	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
						Vip TV	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
			Jetix Play	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish,English,Russian,Polish			
			NBA TV	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	English			
			Disney XD Middle East	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish,English			
			Salon 1	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			Blue Hustler Europe	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			Kanal D	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			Show TV	TV	DVB	3/4	Y 30.000	Cryptoworks/Irdeto 2	Turkish			
			Show Max	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	
FBTV	TV	DVB				3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
Fox Sports Turkey	TV	DVB				3/4	30.000	Cryptoworks/Irdeto 2	English			
Rai Uno	TV	DVB				3/4	30.000	Cryptoworks/Irdeto 2	Italian			
TGRT Haber	TV	DVB				3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
SporMax	TV	DVB				3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
Al Jazeera English	TV	DVB				3/4	30.000	Cryptoworks/Irdeto 2	English			
MyMax	TV	DVB				3/4	30.000	Cryptoworks/Irdeto 2	Turkish,English			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
D 11.617	V	Europe B	GoldMax 2	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
			Habertürk	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
			CNN International Europe	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	English
			Lig TV Ticari	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
			TJK TV	TV	DVB	3/4	30.000		Turkish
			Bilyoner.com	interacti	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
			<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		Turkish
			Nickelodeon 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
			Nat Geo Wild Türkiye	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish,English
			Yoga Zone	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
			Nu Jazz	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
			Jazz Classics	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
			Opera	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
			Reggae	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
			Dance Classics	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
			Dance	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
			Chill Out/Lounge	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
			Smooth Jazz	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
			Easy Listening	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
			International	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
			R&B	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
			Symphonic	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
			Classical Rock	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
			Blues	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
			Hip Hop R&B	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
			Arion Radio	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Greek
			Latin	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
			Hard Rock	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
			Masal Radyo	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
			Lig Radyo	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
			Alem FM	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
			Radio Time	radio	DVB	3/4	30.000		Turkish
			Songs of Love	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
			Standards	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
90's Hits	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
80's Hits	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
Alternative Rock	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
70's Hits	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
Classical Music	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
50's/60's Hits	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
2000's Hits	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
Radyo Spor	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
Kanal 532	interacti	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
<u>DigiTurk</u>	package	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
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			
Intimacy	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
Jojo	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
GoldMax	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
Jolly Tatil TV	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
Pro Sieben Schweiz	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	German			
The MGM Channel East Europe	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
ActionMax	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
Bloomberg HT	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
TRT Avaz	TV	DVB	3/4	30.000		Turkish			
Avrasya TV	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
Digioyun	interacti	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
Erotik Oyunlar	interacti	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
<u>DigiTurk</u>	package	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
Fox Türkiye	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
Sky Turk	TV	DVB	3/4	30.000		Turkish			
Salon 3	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				
			TRT Müzik	TV	DVB	3/4	30.000		Turkish
			MovieMax 2	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
			Dream TV	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
			ATV Türkiye	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
			Ülke TV	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
			Kanal 7	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
			ComedyMax	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	English
D 12.520	V	Africa	Skylogic	interacti	DVB	1/2	27.500		
D 12.645	V	Africa	<u>Televisa Networks</u>	package	DVB	?	30.000	Viaccess	
			Setanta Africa	TV	DVB	?	30.000	Viaccess	English
			Clásico TV	TV	DVB	?	30.000	Viaccess	Spanish
			Ritmoson Latino	TV	DVB	?	30.000	Viaccess	Spanish
			TL Novelas Europa	TV	DVB	?	30.000	Viaccess	Spanish
			TeleHit	TV	DVB	?	30.000	Viaccess	Spanish
			De Película Europa/Australia	TV	DVB	?	30.000	Viaccess	Spanish
D 12.728	V	Africa	<u>Free2View</u>	package	DVB	5/6	30.000		
			RTS 1	TV	DVB	5/6	30.000		French
			La Chaîne de Futur	TV	DVB	5/6	30.000		French
			TV Zimbo	TV	DVB	5/6	30.000		Portuguese
			MTA International	TV	DVB	5/6	30.000		Urdu
			P Sat TV	TV	DVB	5/6	30.000		
			2S TV	TV	DVB	5/6	30.000		French
			TPA Internacional	TV	DVB	5/6	30.000		Portuguese
			RDV	TV	DVB	5/6	30.000		
			RFI Afrique	radio	DVB	5/6	30.000		French
			Radio Sénégal International	radio	DVB	5/6	30.000		French
			City FM	radio	DVB	5/6	30.000		French
			RFI Océan Indien	radio	DVB	5/6	30.000		French
			Origine FM	radio	DVB	5/6	30.000		

#### W4 (36°EAST)

D 11.727	L	Russia	<u>Poverkhnost Plus</u>	package	DVB	3/4	27.500		
			ChP Info	TV	DVB	3/4	27.500		Russian
			K+	TV	DVB	3/4	27.500		Russian
			Expert TV	TV	DVB	3/4	27.500		Russian
			Top Shop TV Russia	TV	DVB	3/4	27.500		Russian
			Shanson TV	TV	DVB	3/4	27.500		Russian
			TVI	TV	DVB	3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6	Ukrainian
			TTS	TV	DVB	3/4	27.500		Russian
			Pershiy Avtomobilniy	TV	DVB	3/4	27.500		Ukrainian
			Sport 2	TV	DVB	3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6	Ukrainian
			Sport 1	TV	DVB	3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6	Ukrainian
			TV 3	TV	DVB	3/4	27.500		Russian
D 11.900	H	Nigeria	<u>HiTV</u>	package	DVB	7/8	27.500	Conax	
			Fox News Channel	TV	DVB	7/8	27.500	Conax	English
			Sky News International	TV	DVB	7/8	27.500	Conax	English
			Hi Sports 2	TV	DVB	7/8	27.500	Conax	English
			Fox Entertainment	TV	DVB-S2	7/8	27.500	Conax	English
			Silverbird TV	TV	DVB	7/8	27.500	Conax	English
			SET Africa	TV	DVB	7/8	27.500	Conax	English
			Zee Cinema UK	TV	DVB	7/8	27.500	Conax	Hindi
			Bloomberg TV Europe	TV	DVB	7/8	27.500	Conax	English
			Hi Nolly	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
			Setanta Africa	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
			BBC World News	TV	DVB	7/8	27.500	Conax	English
			Hi Mix	TV	DVB	7/8	27.500	Conax	English
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	
			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
			HD Sport	TV	DVB-S2	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			HD Kino	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
			MTVN HD	TV	DVB-S2	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio	MHz	Text	Access	Lang.
				Digital	FEC		MSy/s			
D 12.092	H	Nigeria	<u>HiTV</u>	package	DVB	7/8	27.500	Conax		
			Al Jazeera English	TV	DVB	7/8	27.500	Conax		English
			Fox Entertainment	TV	DVB-S2	7/8	27.500	Conax		English
			SET Africa	TV	DVB	7/8	27.500	Conax		English
			Zee Cinema UK	TV	DVB	7/8	27.500	Conax		Hindi
			Hi Mix	TV	DVB	7/8	27.500	Conax		English
			Hi Nolly	TV	DVB	7/8	27.500	Conax		English
			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
			Fox News Channel	TV	DVB	7/8	27.500	Conax		English
			Bloomberg TV Europe	TV	DVB	7/8	27.500	Conax		English
			BBC World News	TV	DVB	7/8	27.500	Conax		English
			Sky News International	TV	DVB	7/8	27.500	Conax		English
			Silverbird TV	TV	DVB	7/8	27.500	Conax		English
			Setanta Africa	TV	DVB	7/8	27.500	Conax		English
D 12.111	L	Russia	<u>Poverkhnost Plus</u>	package	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.6		
			TRK Ukraina	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.6		Ukrainian
			Sport HD	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.6		Ukrainian
			National Geographic Channel HD Russia & Turkey	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.6		Russian
			Citi	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.6		Ukrainian
			Kino	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.6		Ukrainian
			1+1	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.6		Ukrainian
			M1	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.6		Ukrainian
			Telekanal STB	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.6		Ukrainian
			Novy Kanal	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.6		Ukrainian
			ICTV	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.6		Ukrainian
			Eurosport	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.6		Russian
			M2 Estrada	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.6		Ukrainian
			Discovery HD Showcase	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.6		Russian
D 12.130	H	Nigeria	<u>HiTV</u>	package	DVB	7/8	27.500	Conax		
			Hi Kids	TV	DVB	7/8	27.500	Conax		English
			BET UK	TV	DVB	7/8	27.500	Conax		English
			TV Continental	TV	DVB	7/8	27.500	Conax		
			Amuludun TV	TV	DVB	7/8	27.500	Conax		
			Biscon World	TV	DVB	7/8	27.500	Conax		English
			E! EMEA	TV	DVB	7/8	27.500	Conax		English
			Nigezie	TV	DVB	7/8	27.500	Conax		English
			Discovery World	TV	DVB	7/8	27.500	Conax		English
			Trace TV	TV	DVB	7/8	27.500	Conax		French
			Nickelodeon	TV	DVB	7/8	27.500	Conax		English
			God TV Europe	TV	DVB	7/8	27.500	Conax		English
			Hi Movies	TV	DVB	7/8	27.500	Conax		English
			DoveVision	TV	DVB	7/8	27.500	Conax		English
			Gamji TV	TV	DVB	7/8	27.500	Conax		Hausa
			Hi Plus	TV	DVB	7/8	27.500	Conax		English
			KidsCo	TV	DVB	7/8	27.500	Conax		
			Brila FM	radio	DVB	7/8	27.500	Conax		English
			Rhythm 93.7	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		
			Dom Kino	TV	DVB	3/4	20.000	DRE-Crypt		Russian
			Telekanal Zvezda	TV	DVB	3/4	20.000	DRE-Crypt		Russian
			Auto Plus	TV	DVB	3/4	20.000	DRE-Crypt		Russian
			365 dnei TV	TV	DVB	3/4	20.000	DRE-Crypt		Russian
			Komedia TV	TV	DVB	3/4	20.000	DRE-Crypt		Russian
			Teen TV	TV	DVB	3/4	20.000	DRE-Crypt		Russian
			Ohotnik i Ribolov	TV	DVB	3/4	20.000	DRE-Crypt		Russian
			Kanal Teleputeshestviya	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
			Mnogo TV	TV	DVB	3/4	20.000	DRE-Crypt		Russian
			Telenyanya	TV	DVB	3/4	20.000	DRE-Crypt		Russian
			D 12.207	R	Russia	<u>Poverkhnost Plus</u>	package	DVB-S2	3/4	27.500
Cartoon Network Russia & South East Europe	TV	DVB-S2				3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6		Russian,English

Freq (GHz)	Pol	Beam	Channel	Analogue Audio MHz		Text MSy/s	Access	Lang.
				Digital	FEC			
			TRK Kyiv	TV	DVB-S2	3/4	27.500 Irdeto 2/Viaccess 2.5/Viaccess 2.6/Viaccess 4.0	Russian
			RBK TV	TV	DVB-S2	3/4	27.500 Irdeto 2/Viaccess 2.6	Russian
			The MGM Channel East Europe	TV	DVB-S2	3/4	27.500 Irdeto 2/Viaccess 2.5/Viaccess 2.6	Russian
			Travel Channel	TV	DVB-S2	3/4	27.500 Irdeto 2/Viaccess 2.5/Viaccess 2.6	Russian,English
			EuroNews	TV	DVB-S2	3/4	27.500 Irdeto 2/Viaccess 2.5/Viaccess 2.6	Russian,English
			Nickelodeon CIS	TV	DVB-S2	3/4	27.500 Irdeto 2/Viaccess 2.5/Viaccess 2.6	Russian,English
			Hallmark Channel Russia	TV	DVB-S2	3/4	27.500 Irdeto 2/Viaccess 2.5/Viaccess 2.6	Russian,English
			Eurosport 2	TV	DVB-S2	3/4	27.500 Irdeto 2/Viaccess 2.5/Viaccess 2.6	Russian
			TCM Russia & South East Europe	TV	DVB-S2	3/4	27.500 Irdeto 2/Viaccess 2.5/Viaccess 2.6	Russian,English
			Eurosport Russia	TV	DVB-S2	3/4	27.500 Irdeto 2/Viaccess 2.5/Viaccess 2.6	Russian
			Hustler TV Europe	TV	DVB-S2	3/4	27.500 Irdeto 2/Viaccess 2.5/Viaccess 2.6	English
			Biz TV	TV	DVB-S2	3/4	27.500	Russian
			RTV International Europe	TV	DVB-S2	3/4	27.500 Irdeto 2/Viaccess 2.5/Viaccess 2.6	Russian
			Sport 2	TV	DVB	3/4	27.500 Irdeto 2/Viaccess 2.5/Viaccess 2.6	Ukrainian
			National Geographic Channel Russia	TV	DVB-S2	3/4	27.500 Irdeto 2/Viaccess 2.5/Viaccess 2.6	Russian,English
			XXL	TV	DVB-S2	3/4	27.500 Irdeto 2/Viaccess 2.5/Viaccess 2.6	French
D 12.226	L	Russia	<u>Tricolor TV</u>	package	DVB	3/4	27.500 DRE-Crypt	
			NTV	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
			DTV	TV	DVB	3/4	27.500 DRE-Crypt	Russian
			5 Kanal	TV	DVB	3/4	27.500 DRE-Crypt	Russian
			Rossiya 24	TV	DVB	3/4	27.500 DRE-Crypt	Russian
			Rossiya 2	TV	DVB	3/4	27.500 DRE-Crypt	Russian
			Tricolor TV Infokanal	TV	DVB	3/4	27.500	Russian
			Rossiya K	TV	DVB	3/4	27.500 DRE-Crypt	Russian
			Rossiya 1	TV	DVB	3/4	27.500 DRE-Crypt	Russian
			Perviy kanal	TV	DVB	3/4	27.500 DRE-Crypt	
			TNT	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	
			Eurosport 2	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			TeleKlub	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			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
			TV 5 Monde Europe	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	French
			Nashe Novoe Kino	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			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
			Bloomberg TV Europe	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English
			KinoHit	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			World Fashion Channel Russia	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
D 12.265	L	Russia	<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
			VH1 Rossiya	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
			3 Kanal	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
			RT Arabic	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Arabic
			Bibigon	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
			TV Sale	TV	DVB	3/4	27.500	Russian
			Mir	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			5 Kanal	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
			Muzika	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
			Radio Zenit	radio	DVB	3/4	27.500	Russian
D 12.284	H	Africa	<u>MultiChoice Africa</u>	package	DVB	1/2	26.480 Irdeto 2	
			Zone Reality South Africa	TV	DVB	1/2	26.480 Irdeto 2	
			Magic World	TV	DVB	1/2	26.480 Irdeto 2	English
			Sky News International	TV	DVB	1/2	26.480 Irdeto 2	English
			SuperSport 7 Africa	TV	DVB	1/2	26.480 Irdeto 2	English
			SuperSport Blitz	TV	DVB	1/2	26.480 Irdeto 2	English
			Africa Magic Plus	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 Audio MHz		Text MSy/s	Access	Lang.
				Digital	FEC			
			SuperSport 5 Africa	TV	DVB	1/2	26.480 Irdeto 2	English
			Cartoon Network Middle East & Africa	TV	DVB	1/2	26.480 Irdeto 2	English
D 12.284	R	Russia	<u>NTV Plus</u>	package	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	
			CCTV 9	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English
			Park Razvlicenii	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Vremya	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			CCTV 4 Europe	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Chinese
			MTV Two	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English
			Perviy kanal Ukraina	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			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
			RTR Planeta Ukraina	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Soversheno Sekretno	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
D 12.303	L	Russia	7 TV	TV	DVB	3/4	27.500	Russian
D 12.303	L	Russia	Tonus TV	TV	DVB	3/4	27.500 DRE-Crypt	Russian
D 12.303	L	Russia	Muz TV	TV	DVB	3/4	27.500	Russian
D 12.303	L	Russia	STS	TV	DVB	3/4	27.500 DRE-Crypt	Russian
D 12.303	L	Russia	Telekanal Domashniy	TV	DVB	3/4	27.500 DRE-Crypt	Russian
D 12.303	L	Russia	Zoo TV	TV	DVB	3/4	27.500 DRE-Crypt	Russian
D 12.303	L	Russia	Kinopokaz	TV	DVB	3/4	27.500 DRE-Crypt	Russian
D 12.303	L	Russia	Boets	TV	DVB	3/4	27.500 DRE-Crypt	Russian
D 12.303	L	Russia	A-One	TV	DVB	3/4	27.500	Russian
D 12.303	L	Russia	Bridge TV	TV	DVB	3/4	27.500	Russian
D 12.303	L	Russia	Soyuz	TV	DVB	3/4	27.500	Russian
D 12.303	L	Russia	Telekanal India	TV	DVB	3/4	27.500 DRE-Crypt	Russian
D 12.303	L	Russia	Avtoradio Moskva	radio	DVB	3/4	27.500	Russian
D 12.303	L	Russia	Radio Alla	radio	DVB	3/4	27.500	Russian
D 12.303	L	Russia	NRJ Russia	radio	DVB	3/4	27.500	Russian
D 12.303	L	Russia	Humor FM	radio	DVB	3/4	27.500	Russian
D 12.303	L	Russia	Radio Voskresenie	radio	DVB	3/4	27.500	Russian
D 12.303	L	Russia	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	
			REN TV	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
			NTV Plus Futbol	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			NTV Plus Infokanal	TV	DVB	3/4	27.500	Russian
			Perviy kanal	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
			NTV Plus Premiera	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
			Blue Hustler Europe	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	
			NTV Plus Sport	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
D 12.341	L	Russia	<u>NTV Plus</u>	package	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	
			AXN Sci-Fi Russia	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English
			Gulli	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			TiJi	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Ru TV	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
			Kinoreys 1	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,Russian
			Universal Channel Russia	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English
			Sci Fi Channel 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
			Kinoreys 3	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,Russian
D 12.360	R	Russia	<u>Poverkhnost Plus</u>	package	DVB-S2	3/4	27.500 Irdeto 2/Viaccess 2.5/Viaccess 2.6/Viaccess 4.0	
			Sport 3	TV	DVB-S2	3/4	27.500 Irdeto 2/Viaccess 2.5/Viaccess 2.6/Viaccess 4.0	Ukrainian
			Sci Fi Channel Russia	TV	DVB-S2	3/4	27.500 Irdeto 2/Viaccess 2.6	Russian,English
			Animal Planet Russia	TV	DVB-S2	3/4	27.500 Irdeto 2/Viaccess 2.5/Viaccess 2.6	Russian,English
			Discovery Channel Central Europe	TV	DVB-S2	3/4	27.500 Irdeto 2/Viaccess 2.5/Viaccess 2.6	Russian,English
			ChP Info	TV	DVB-S2	3/4	27.500	Ukrainian
			Fox Crime Russia	TV	DVB-S2	3/4	27.500 Irdeto 2/Viaccess 2.5/Viaccess 2.6	Russian,English
			Pershiy Nacionalniy	TV	DVB-S2	3/4	27.500 Irdeto 2/Viaccess 2.5/Viaccess 2.6/Viaccess 4.0	Ukrainian
			Detski Mir	TV	DVB-S2	3/4	27.500 Irdeto 2/Viaccess 2.6	Russian
			Menu TV	TV	DVB-S2	3/4	27.500 Irdeto 2/Viaccess 2.6	Ukrainian

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC	MSy/s			
			Milan Channel	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6	Italian
			Universal Channel Russia	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.6	Russian,English
			TET	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6	Ukrainian
			Sport 4	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6	Ukrainian
			Evrokino	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.6	Russian
			TeleKlub	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.6	Russian
			Fox Life Russia	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6	Russian,English
			CNN International	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.6	English
			News 24	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.6	Ukrainian
			Nat Geo Wild Europe	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.6	Russian,English
			TV XXI	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.6	Russian
			AXN Sci-Fi Russia	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.6	Russian,English
			SET Eastern Europe	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.6	Russian,English
			ProPoker	TV	DVB-S2	3/4	27.500		Russian
			Nashe Lubimoe Kino	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6	Russian
			World Fashion Channel Russia	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6	Russian
D 12.380	L	Russia	<u>NTV Plus</u>	package	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	
			Zakon TV	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
			Boets	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
			Kuhnya TV	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
			Telekanal La Minor	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
			Telekanal India	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
			TV Bulvar	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
D 12.399	R	Russia	<u>NTV Plus</u>	package	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	
			STS Moskva	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
			NTV Sport On-line	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	
			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
			NTV	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
			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
			TNT	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Telekanal Spas	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Echo Moskva	radio	DVB	3/4	27.500		Russian
			Relax FM	radio	DVB	3/4	27.500		Russian
D 12.418	L	Russia	<u>NTV Plus</u>	package	DVB-S2	3/4	27.500	Viaccess 4.0	
			Auto Plus	TV	DVB-S2	3/4	27.500	Viaccess 4.0	Russian
			Muz TV	TV	DVB-S2	3/4	27.500	Viaccess 4.0	Russian
			MTV Russia	TV	DVB-S2	3/4	27.500	Viaccess 4.0	Russian
			TNT	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
			Sport Plus	TV	DVB-S2	3/4	27.500	Viaccess 4.0	Russian
			Rossiya 2	TV	DVB-S2	3/4	27.500	Viaccess 4.0	Russian
			Rossiya 24	TV	DVB-S2	3/4	27.500	Viaccess 4.0	Russian
			Zakon 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
			Telekanal La Minor	TV	DVB-S2	3/4	27.500	Viaccess 4.0	Russian
			Telekanal Domashniy	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
			STS Moskva	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
			Kuhnya TV	TV	DVB-S2	3/4	27.500	Viaccess 4.0	Russian
			Fashion TV Russia	TV	DVB-S2	3/4	27.500	Viaccess 4.0	
			Interesnoe TV	TV	DVB-S2	3/4	27.500	Viaccess 4.0	Russian
			Rossiya K	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
			Perviy kanal	TV	DVB-S2	3/4	27.500	Viaccess 4.0	Russian
			Kino Plus	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		Text	Access	Lang.
				Digital	Audio MHz			
			Rossiya 1	TV	DVB-S2	3/4	27.500 Viaccess 4.0	Russian
			REN TV	TV	DVB-S2	3/4	27.500 Viaccess 4.0	Russian
			Bibigon	TV	DVB-S2	3/4	27.500 Viaccess 4.0	Russian
D 12.437	H	Africa	CCTV 4 Europe	TV	DVB	3/4	23.437	Chinese
D 12.437	H	Africa	Touba 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	RTS 1	TV	DVB	3/4	23.437	French
D 12.437	H	Africa	CCTV 9	TV	DVB	3/4	23.437	English
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 Nash Futbol	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			NTV Plus Tennis	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
			NTV Plus Sport Klassika	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
			Nastoyashee Smeshnoe TV	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
			NBA TV	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English
D 12.456	L	Russia	<u>NTV Plus</u>	package	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	
			Jetix Play	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English
			Eurosport Russia	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
			Music Box Ru	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Discovery Channel Russia	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English
			Jetix Russia	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English
			TDK	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Hallmark Channel Russia	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
			Discovery Travel & Living Europe	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English
			Music Box TV	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
D 12.476	R	Russia	<u>NTV Plus</u>	package	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	
			Extreme Sports Channel	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
			CNN International	TV	DVB	3/4	Y 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
			EuroNews	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,German,English,French
			MCM Top	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	French
			VH1 Classic Europe	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English
			MTV Dance	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English
			Cartoon Network Russia & South East Europe	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English,Russian
			TCM Russia & South East Europe	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English
			Discovery World	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Discovery Science Channel	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			The MGM Channel East Europe	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English
			Zone Reality Europe	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English

#### 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 11.510	V	Eurasia	<u>KabelKiosk</u>	package	DVB	3/4	27.500 Conax/Videoguard	
			Rai Due	TV	DVB	3/4	27.500 Conax/Videoguard	Italian
			NTV Avrupa	TV	DVB	3/4	27.500 Conax/Videoguard	Turkish
			Show Turk	TV	DVB	3/4	27.500 Conax/Videoguard	Turkish
			Kanal 7 Avrupa	TV	DVB	3/4	27.500 Conax/Videoguard	Turkish
			Euro D	TV	DVB	3/4	27.500 Conax/Videoguard	Turkish
			TRT Türk	TV	DVB	3/4	27.500 Conax/Videoguard	Turkish
			Rai Uno	TV	DVB	3/4	27.500 Conax/Videoguard	Italian
			Rai Tre	TV	DVB	3/4	27.500 Conax/Videoguard	Italian

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.			
				Digital	FEC							
D 11.637	V	South Afri	TVP Polonia	TV	DVB	3/4	27.500	Conax/Videoguard	Polish			
			TürkMax	TV	DVB	3/4	27.500	Conax/Videoguard	Turkish			
			ATV Avrupa	TV	DVB	3/4	27.500	Conax/Videoguard	Turkish			
			<u>CCTV</u>	package	DVB	?	22.000					
			CCTV 9	TV	DVB	?	22.000		English			
D 11.747	H	Sub-Sahara	CCTV 4 Europe	TV	DVB	?	22.000		Chinese			
			CCTV F	TV	DVB	?	22.000		French			
			<u>MultiChoice Africa</u>	package	DVB	3/4	27.500	Irdeto 2				
			SuperSport 3 Nigeria	TV	DVB	3/4	27.500	Irdeto 2	English			
			CNN International	TV	DVB	3/4	27.500	Irdeto 2	English			
D 11.766	L	Russia	SET Africa	TV	DVB	3/4	27.500	Irdeto 2	English			
			CNBC Africa	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			
			SuperSport 10	TV	DVB	3/4	27.500	Irdeto 2	English			
			ESPN Classic Europe	TV	DVB	3/4	27.500	Irdeto 2				
			Citizen TV	TV	DVB	3/4	27.500	Irdeto 2				
			CBeebies South Africa	TV	DVB	3/4	27.500	Irdeto 2	English			
			Radio Citizen	radio	DVB	3/4	27.500	Irdeto 2				
			Hot 96	radio	DVB	3/4	27.500	Irdeto 2				
			D 11.785	H	Sub-Sahara	<u>MultiChoice Africa</u>	package	DVB	3/4	27.500	Irdeto 2	
			TBC 1			TV	DVB	3/4	27.500	Irdeto 2		
			Islam Channel			TV	DVB	3/4	27.500	Irdeto 2	English	
BET UK	TV	DVB	3/4			27.500	Irdeto 2	English				
Nat Geo Wild Europe	TV	DVB	3/4			27.500	Irdeto 2	English				
Inspiration Network International	TV	DVB	3/4			27.500	Irdeto 2	English				
TCM Middle East & Africa	TV	DVB	3/4			27.500	Irdeto 2	English				
KTN	TV	DVB	3/4			27.500	Irdeto 2	English				
KBC Channel 1	TV	DVB	3/4			27.500	Irdeto 2	English				
NTV	TV	DVB	3/4			27.500	Irdeto 2	English				
Lagos TV	TV	DVB	3/4			27.500	Irdeto 2	English				
Ghana TV	TV	DVB	3/4			27.500	Irdeto 2	English				
KidsCo	TV	DVB	3/4			27.500	Irdeto 2	Portuguese,English				
Coro FM Radio	radio	DVB	3/4	27.500	Irdeto 2	Kikuyu						
QFM	radio	DVB	3/4	27.500	Irdeto 2	English						
Metro FM	radio	DVB	3/4	27.500	Irdeto 2	English						
KBC Kiswahili Service	radio	DVB	3/4	27.500	Irdeto 2	Swahili						
KBC English Service	radio	DVB	3/4	27.500	Irdeto 2	English						
Easy FM	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				
KHL TV			TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian				
D 11.823	H	Sub-Sahara	<u>MultiChoice Africa</u>	package	DVB	3/4	27.500	Irdeto 2				
Trace TV			TV	DVB	3/4	27.500	Irdeto 2	French				
Canal + Cinéma France			TV	DVB	3/4	27.500	Irdeto 2	French				
Sport +			TV	DVB	3/4	27.500	Irdeto 2	French				
RTL 9			TV	DVB	3/4	27.500	Irdeto 2	French				
Planète France			TV	DVB	3/4	27.500	Irdeto 2	French				
13ème Rue			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				
RTBF Sat			TV	DVB	3/4	27.500	Irdeto 2	French				
France 2			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				
TiJi	TV	DVB	3/4	27.500	Irdeto 2	French						
D 11.862	H	Sub-Sahara	<u>MultiChoice Africa</u>	package	DVB	3/4	27.500	Irdeto 2				
MITV			TV	DVB	3/4	27.500	Irdeto 2	English				
Channels TV			TV	DVB	3/4	27.500	Irdeto 2	English				
Silverbird TV			TV	DVB	3/4	27.500	Irdeto 2	English				
AIT International UK			TV	DVB	3/4	27.500	Irdeto 2	English				
Metro TV			TV	DVB	3/4	27.500	Irdeto 2					
NTA International			TV	DVB	3/4	27.500	Irdeto 2	English				
CCTV F			TV	DVB	3/4	27.500		French				
Iqraa			TV	DVB	3/4	27.500	Irdeto 2	Arabic				
Soundcity Premium			TV	DVB	3/4	27.500	Irdeto 2	English				
ZDF			TV	DVB	3/4	27.500	Irdeto 2	German				
Eurosport News			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						

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC	MSy/s			
D 11.881	V	Sub-Sahara	M-Web	interacti	DVB	3/4	27.500	Irdeto 2	
			<u>MultiChoice Africa</u>	package	DVB	3/4	27.500	Irdeto 2	
			TCM Middle East & Africa	TV	DVB	3/4	27.500	Irdeto 2	English
			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
			TV Zimbo	TV	DVB	3/4	27.500	Irdeto 2	Portuguese
			Rhema Network	TV	DVB	3/4	27.500	Irdeto 2	English
			CNN International	TV	DVB	3/4	27.500	Irdeto 2	English
			SuperSport MaXimo 2	TV	DVB	3/4	27.500	Irdeto 2	Portuguese
			Reggae	radio	DVB	3/4	27.500	Irdeto 2	
			Rock'n'Roll Oldies	radio	DVB	3/4	27.500	Irdeto 2	
			70's Hits	radio	DVB	3/4	27.500	Irdeto 2	
			Soft Hits	radio	DVB	3/4	27.500	Irdeto 2	
			Adult Contemporary	radio	DVB	3/4	27.500	Irdeto 2	
			Urban Adult Contemporary	radio	DVB	3/4	27.500	Irdeto 2	
			Smooth Jazz	radio	DVB	3/4	27.500	Irdeto 2	
			African Rhythms	radio	DVB	3/4	27.500	Irdeto 2	
			Gospel	radio	DVB	3/4	27.500	Irdeto 2	
			French Contemporary	radio	DVB	3/4	27.500	Irdeto 2	
			Urban Beat	radio	DVB	3/4	27.500	Irdeto 2	
			Classic Rock	radio	DVB	3/4	27.500	Irdeto 2	
			Classic Jazz	radio	DVB	3/4	27.500	Irdeto 2	
			BBC World Service 3	radio	DVB	3/4	27.500	Irdeto 2	
			BBC World Service 1	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	
			Contemporary Instrumentals	radio	DVB	3/4	27.500	Irdeto 2	
			Beautiful Instrumentals	radio	DVB	3/4	27.500	Irdeto 2	
			Light Classical	radio	DVB	3/4	27.500	Irdeto 2	
			Symphonic	radio	DVB	3/4	27.500	Irdeto 2	
			WRN English Africa & Middle East	radio	DVB	3/4	27.500	Irdeto 2	English
			VoA Music Mix	radio	DVB	3/4	27.500	Irdeto 2	English
			TransAfrica Radio	radio	DVB	3/4	27.500	Irdeto 2	English
Channel Islam International	radio	DVB	3/4	27.500	Irdeto 2				
Campus Rock	radio	DVB	3/4	27.500	Irdeto 2				
Hot Traxx	radio	DVB	3/4	27.500	Irdeto 2				
D 11.940	H	Sub-Sahara	<u>MultiChoice Africa</u>	package	DVB	3/4	27.500	Irdeto 2	
			CCTV 9	TV	DVB	3/4	27.500		English
			Fashion TV	TV	DVB	3/4	27.500	Irdeto 2	
			Animal Planet Africa	TV	DVB	3/4	27.500	Irdeto 2	English
			Boomerang Middle East & Africa	TV	DVB	3/4	27.500	Irdeto 2	English
			Zee TV Africa	TV	DVB	3/4	27.500	Irdeto 2	Hindi
			Al Jazeera English	TV	DVB	3/4	27.500	Irdeto 2	English
			CCTV 4 Europe	TV	DVB	3/4	27.500		Chinese
			Guide	interacti	DVB	3/4	27.500	Irdeto 2	
			D 11.958	V	Sub-Sahara	<u>MultiChoice Africa</u>	package	DVB	3/4
SIC Noticias	TV	DVB				3/4	27.500	Irdeto 2	Portuguese
Record Internacional Europa	TV	DVB				3/4	27.500	Irdeto 2	Portuguese
RTP Açores	TV	DVB				3/4	27.500	Irdeto 2	Portuguese
TV Cine 2	TV	DVB				3/4	27.500	Irdeto 2	Portuguese
TV Moçambique	TV	DVB				3/4	27.500	Irdeto 2	Portuguese
MTV Portugal	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	
AXN Portugal	TV	DVB				3/4	27.500	Irdeto 2	Portuguese
Disney Channel Portugal	TV	DVB				3/4	27.500	Irdeto 2	Portuguese
TV Cine 1	TV	DVB				3/4	27.500	Irdeto 2	Portuguese
TV Globo Internacional Europa/África	TV	DVB				3/4	27.500	Irdeto 2	Portuguese
Antena Nacional	radio	DVB				3/4	27.500		Portuguese
D 11.977	H	Sub-Sahara	<u>MultiChoice Africa</u>	package	DVB	3/4	27.500	Irdeto 2	
			RTP Internacional Europa	TV	DVB	3/4	27.500	Irdeto 2	Portuguese
			France 24 Français	TV	DVB	3/4	27.500	Irdeto 2	French
			B4U Movies UAE	TV	DVB	3/4	27.500	Irdeto 2	Hindi
			TV 5 Monde Afrique	TV	DVB	3/4	27.500	Irdeto 2	French
			Canal + Horizons	TV	DVB	3/4	27.500	Irdeto 2	French
			E! EMEA	TV	DVB	3/4	27.500	Irdeto 2	English
Radio France Internationale	radio	DVB	3/4	27.500	Irdeto 2	French			
D 12.015	H	Sub-Sahara	<u>MultiChoice Africa</u>	package	DVB	3/4	27.500	Irdeto 2	

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
D 12.054	H	Sub-Sahara	EuroNews	TV	DVB	3/4	27.500	Irdeto 2	Russian
			TF 6	TV	DVB	3/4	27.500	Irdeto 2	French
			SET Asia	TV	DVB	3/4	27.500	Irdeto 2	Hindi
			Rai Italia 3 Africa	TV	DVB	3/4	27.500	Irdeto 2	Italian
			The Style Network Emea	TV	DVB	3/4	27.500	Irdeto 2	English
			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	3/4	27.500	Irdeto 2	
			SuperSport 2	TV	DVB	3/4	27.500	Irdeto 2	English
			Crime & Investigation Network UK	TV	DVB	3/4	27.500	Irdeto 2	English
			One Gospel	TV	DVB	3/4	27.500	Irdeto 2	English
			SuperSport Select	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
			D 12.073	V	Sub-Sahara	<u>MultiChoice Africa</u>	package	DVB	3/4
Odisea	TV	DVB				3/4	27.500	Irdeto 2	Portuguese
Canal Panda	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
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
NTV Uganda	TV	DVB				3/4	27.500	Irdeto 2	English
TPA 2	TV	DVB				3/4	27.500	Irdeto 2	Portuguese
TPA 1	TV	DVB				3/4	27.500	Irdeto 2	Portuguese
D 12.245	H	Sub-Sahara				<u>MultiChoice Africa</u>	package	DVB	3/4
			M-Net West	TV	DVB	3/4	27.500	Irdeto 2	English
			M-Net Series	TV	DVB	3/4	27.500	Irdeto 2	English
			Hallmark Channel 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
			Channel O	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
			M-Net Movies 1	TV	DVB	3/4	27.500	Irdeto 2	English
SuperSport 1	TV	DVB	3/4	27.500	Irdeto 2	English			

### SESAT 1 (16°EAST)

A 10.975	H	Wide	<u>DigitAlb</u>	package	DVB-S2	4/5	22.500	Conax	
			DigitAlb HD 2	TV	DVB-S2	4/5	22.500	Conax	Albanian
			National Geographic Channel HD UK	TV	DVB-S2	4/5	22.500	Conax	English
			DigitAlb HD 3	TV	DVB-S2	4/5	22.500	Conax	Albanian
D 11.055	V	Wide	<u>DigitAlb</u>	package	DVB	2/3	27.900	Conax	
			Junior TV	TV	DVB	2/3	27.900	Conax	Albanian
			Bang Bang	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
			Explorer Natyra	TV	DVB	2/3	27.900	Conax	Albanian
			Explorer Histori	TV	DVB	2/3	27.900	Conax	Albanian
			Explorer Shkencë	TV	DVB	2/3	27.900	Conax	Albanian
			Çufo	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
			Top Channel	TV	DVB	2/3	Y 27.900	Conax	Albanian
			Top Albania Radio	radio	DVB	2/3	27.900		Albanian
			Radio My Music	radio	DVB	2/3	27.900		Albanian

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.			
				Digital	FEC	MSy/s						
D 11.095	H	Wide	Top Gold	radio	DVB	2/3	27.900	Conax	Albanian			
			<u>Total TV</u>	package	DVB	3/4	27.300	Cryptoworks/Videoguard				
			Film + Serbia	TV	DVB	3/4	27.300	Videoguard	Serbian			
			The Fishing and Hunting Channel South East Europe	TV	DVB	3/4	27.300	Videoguard	English			
			TV Alfa	TV	DVB	3/4	27.300	Videoguard	Bosnian			
			Sport Klub Croatia	TV	DVB	3/4	27.300	Videoguard	Croatian			
			Investigation Discovery Europe	TV	DVB	3/4	27.300	Videoguard	English			
			Zone Reality Europe	TV	DVB	3/4	27.300	Videoguard	English			
			Zone Romantica Pan Europe	TV	DVB	3/4	27.300	Videoguard				
			B92 Info kanal	TV	DVB	3/4	27.300	Videoguard	Serbian			
			Minimax Romania	TV	DVB	3/4	27.300	Videoguard	Serbian			
			TV Spectrum	TV	DVB	3/4	27.300		Serbian			
			TV Metropolis	TV	DVB	3/4	27.300	Videoguard	Serbian			
			History Europe	TV	DVB	3/4	27.300	Videoguard	English			
			D 11.138	H	Balkan	<u>ITV Partner</u>	package	DVB	3/4	27.700	Conax/Cryptoworks/Videoguard	
						Fox Life Bulgaria	TV	DVB	3/4	27.700	Conax/Cryptoworks/Videoguard	Bulgarian
BTV Cinema	TV	DVB				3/4	27.700	Cryptoworks	Bulgarian			
NKTV Evrokom	TV	DVB				3/4	Y 27.700	Conax/Cryptoworks/Videoguard	Bulgarian			
BNT 1	TV	DVB				3/4	27.700	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			
Fox Life Regional	TV	DVB				3/4	27.700	Conax/Cryptoworks/Videoguard	English			
NBT	TV	DVB				3/4	27.700	Conax/Cryptoworks/Videoguard	Bulgarian			
TV Evropa	TV	DVB				3/4	27.700	Cryptoworks/Videoguard	Bulgarian			
Fox Crime Regional	TV	DVB				3/4	27.700	Conax/Cryptoworks/Videoguard	English			
Nova TV	TV	DVB				3/4	27.700	Conax/Cryptoworks/Videoguard	Bulgarian			
BTV	TV	DVB				3/4	27.700	Cryptoworks/Videoguard	Bulgarian			
Fan TV	TV	DVB				3/4	27.700		Bulgarian			
Balkanika Music TV	TV	DVB				3/4	27.700					
Jazz FM Radio	radio	DVB				3/4	27.700		Bulgarian			
Radio Z-Rock	radio	DVB				3/4	27.700		Bulgarian			
Hristo Botev	radio	DVB				3/4	27.700		Bulgarian			
Radio Fles	radio	DVB				3/4	27.700		Serbian			
Ok Radio	radio	DVB				3/4	27.700		Serbian			
Radio 1 Rock	radio	DVB				3/4	27.700		Bulgarian			
Radio Srbija	radio	DVB				3/4	27.700					
Radio Veronika	radio	DVB				3/4	27.700		Bulgarian			
Darik Radio	radio	DVB				3/4	27.700		Bulgarian			
D 11.178	V	Balkan	<u>Total TV</u>	package	DVB	3/4	27.500	Cryptoworks/Irdeto 2/Videoguard				
			Pink Music	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2/Videoguard	Serbian			
			FTV SEE	TV	DVB	3/4	27.500					
			Pink Family	TV	DVB	3/4	27.500	Irdeto 2/Videoguard	Serbian			
			PinKids	TV	DVB	3/4	27.500	Irdeto 2/Videoguard	Serbian			
			Pink Film	TV	DVB	3/4	27.500	Irdeto 2/Videoguard	Serbian			
			Pink Movies	TV	DVB	3/4	27.500	Irdeto 2/Videoguard	Serbian			
			Pink Action	TV	DVB	3/4	27.500	Irdeto 2/Videoguard	Serbian			
			Pink Srbija	TV	DVB	3/4	Y 27.500	Irdeto 2/Videoguard	Serbian			
			Pink M	TV	DVB	3/4	Y 27.500	Irdeto 2/Videoguard	Serbian			
			Pink BH	TV	DVB	3/4	Y 27.500	Irdeto 2/Videoguard	Serbian			
			Pink Extra	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2/Videoguard	Serbian			
			Pink Plus	TV	DVB	3/4	Y 27.500	Cryptoworks/Irdeto 2/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 1	TV	DVB				3/4	Y 29.950	Viaccess 2.6	Romanian			
TVR Info	TV	DVB				3/4	Y 29.950		Romanian			
TVR International	TV	DVB				3/4	Y 29.950		Romanian			
TVR 2	TV	DVB				3/4	Y 29.950	Viaccess 2.6	Romanian			
TVR Cultural	TV	DVB				3/4	Y 29.950		Romanian			
Radio România International	radio	DVB				3/4	29.950					
România în direct	radio	DVB				3/4	29.950		Romanian			
D 11.557	V	Balkan				<u>TV Romania</u>	package	DVB	3/4	29.950		
			TVR HD	TV	DVB	3/4	29.950	Viaccess 2.6	Romanian			
			TVR Cluj	TV	DVB	3/4	Y 29.950		Romanian			
			TVR Craiova	TV	DVB	3/4	Y 29.950		Romanian			
			TVR Iasi	TV	DVB	3/4	Y 29.950		Romanian			
			TVR Timisoara	TV	DVB	3/4	Y 29.950		Romanian			
D 11.658	H	Wide	<u>DigitAlb</u>	package	DVB	2/3	27.900	Conax	Romanian			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
D 12.525	H	Wide	Big Brother Albania 2	TV	DVB	2/3	27.900	Conax	Albanian
			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
			X2	TV	DVB	2/3	27.900	Conax	Albanian
			Big Brother Albania 1	TV	DVB	2/3	27.900	Conax	Albanian
			T	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
			Top Gold	radio	DVB	2/3	27.900		Albanian
			STN	package	DVB	3/4	30.000		
			MKTV Sat	TV	DVB	3/4	30.000		Macedonian
			TV Duga Sat	TV	DVB	3/4	30.000		Serbian
			Svet Plus	TV	DVB	3/4	30.000	Y	Serbian
			TV 1 Channel	TV	DVB	3/4	30.000		Bulgarian
			K-15 TV	TV	DVB	3/4	30.000		Macedonian
			Astro	TV	DVB	3/4	30.000		Serbian
			Art Channel	TV	DVB	3/4	30.000		
			EKids	TV	DVB	3/4	30.000		Bulgarian
			Best of Macedonia	TV	DVB	3/4	30.000		Macedonian
			K-15 Music	TV	DVB	3/4	30.000		Macedonian
			Alfa TV	TV	DVB	3/4	30.000	Irdeto 2/Videoguard	Macedonian
			Sitel TV	TV	DVB	3/4	30.000	Irdeto 2/Videoguard	Macedonian
			AB kanal	TV	DVB	3/4	30.000	Irdeto 2/Videoguard	Macedonian
			TV Guide Bulgaria	TV	DVB	3/4	30.000		Bulgarian
			TV Valentino	TV	DVB	3/4	30.000		Bosnian
			JRT Music	TV	DVB	3/4	30.000		Serbian
			Sitel 3	TV	DVB	3/4	30.000	Irdeto 2/Videoguard	Macedonian
			Vulkanradio	radio	DVB	3/4	30.000		Serbian
			Posavski Radio	radio	DVB	3/4	30.000		Croatian
			Radio 1	radio	DVB	3/4	30.000		Slovenian
			VIP Radio	radio	DVB	3/4	30.000		Serbian
			Radio Srna Bosanka	radio	DVB	3/4	30.000		Bosnian
			Radio Valentino	radio	DVB	3/4	30.000		Bosnian
			Radio Glas Drine	radio	DVB	3/4	30.000		Bosnian
			MB Radio	radio	DVB	3/4	30.000		Serbian
			Doina Radio	radio	DVB	3/4	30.000		Serbian
			Radio Svet Plus	radio	DVB	3/4	30.000		Serbian
			Radio S	radio	DVB	3/4	30.000		Serbian
			Bobar Radio	radio	DVB	3/4	30.000		Serbian
			Radio Velkaton	radio	DVB	3/4	30.000		Bosnian
			Radio Koktel	radio	DVB	3/4	30.000		Bosnian
			Top 3 Radio	radio	DVB	3/4	30.000		Serbian
			Izvorni Radio	radio	DVB	3/4	30.000		
			Radio Vrhovine	radio	DVB	3/4	30.000		
			Radio Biser Posavine	radio	DVB	3/4	30.000		
			Yu Planet Radio	radio	DVB	3/4	30.000		Serbian
			Radio Stil	radio	DVB	3/4	30.000		
			Kiss Extra	radio	DVB	3/4	30.000		
			Radio Plehan	radio	DVB	3/4	30.000		Croatian
			Radio Grand	radio	DVB	3/4	30.000		Serbian
			Stil Radio	radio	DVB	3/4	30.000		
			Radio Posavina	radio	DVB	3/4	30.000		Croatian
			Radio Ognjisce	radio	DVB	3/4	30.000		Slovenian
			Kiss Rom	radio	DVB	3/4	30.000		Serbian
			Kiss Radio	radio	DVB	3/4	30.000		Serbian

## W2M (16°EAST)

D 10.972	V	wide	Total TV	package	DVB	3/4	27.500	Cryptoworks/Videoguard	
			Hallmark Channel Central Europe	TV	DVB	3/4	27.500	Videoguard	English
			Motors TV	TV	DVB	3/4	27.500	Videoguard	English,Serbian
			Cinemax Central Europe	TV	DVB	3/4	27.500	Cryptoworks/Videoguard	Serbian,Croatian,Slovenian,Bulgarian
			MTV Adria	TV	DVB	3/4	27.500	Videoguard	English
			E! EMEA	TV	DVB	3/4	27.500	Videoguard	English
			Eurosport	TV	DVB	3/4	27.500	Cryptoworks/Videoguard	Serbian,English,Bulgarian
			Free-X TV 2	TV	DVB	3/4	27.500	Cryptoworks/Videoguard	English
			Minimax Romania	TV	DVB	3/4	27.500	Videoguard	Serbian
			Film + Serbia	TV	DVB	3/4	27.500	Videoguard	Serbian

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.				
				Digital	FEC	MSy/s							
D 11.011	V	wide	TV Kopernikus	TV	DVB	3/4	27.500			Serbian			
			Viasat History	TV	DVB	3/4	27.500	Cryptoworks/Videoguard		English			
			Viasat Explorer	TV	DVB	3/4	27.500	Cryptoworks/Videoguard		English			
			TV 1000 Balkan	TV	DVB	3/4	27.500	Cryptoworks/Videoguard		English			
			Sci Fi Channel East Europe	TV	DVB	3/4	27.500	Videoguard		English			
			X-Dream TV	TV	DVB	3/4	27.500	Cryptoworks/Videoguard		English			
			<u>ITV Partner</u>	package	DVB	3/4	27.500	Conax/Cryptoworks/Videoguard					
			Pro.bg	TV	DVB	3/4	27.500	Cryptoworks/Videoguard		Bulgarian			
			Nova TV	TV	DVB	3/4	27.500			Bulgarian			
			Premium Digital	TV	DVB	3/4	27.500	Cryptoworks/Videoguard		Bulgarian			
			Eurosport	TV	DVB	3/4	27.500	Cryptoworks/Videoguard		Serbian,Bulgarian,English			
			Diema	TV	DVB	3/4	27.500	Cryptoworks/Videoguard		Bulgarian			
			Animal Planet Europe	TV	DVB	3/4	27.500	Cryptoworks/Videoguard		English			
			National Geographic Channel Bulgaria	TV	DVB	3/4	27.500	Conax/Cryptoworks/Videoguard		English,Bulgarian			
			Fiesta TV	TV	DVB	3/4	27.500	Cryptoworks/Videoguard		Bulgarian			
			Diema F	TV	DVB	3/4	27.500	Cryptoworks/Videoguard		Bulgarian			
			VTV	TV	DVB	3/4	27.500			Bulgarian			
			TV 7	TV	DVB	3/4	27.500	Cryptoworks/Videoguard		Bulgarian			
			Diema 2	TV	DVB	3/4	27.500	Cryptoworks/Videoguard		Bulgarian			
			PV TV	TV	DVB	3/4	27.500	Cryptoworks/Videoguard		Bulgarian			
			Evrofutbol	TV	DVB	3/4	27.500			Bulgarian			
			Hustler TV Europe	TV	DVB	3/4	27.500	Cryptoworks/Videoguard		English			
			BNT Sat	TV	DVB	3/4	27.500			Bulgarian			
			Ring.bg	TV	DVB	3/4	27.500	Cryptoworks/Videoguard		Bulgarian			
			Discovery Channel Europe	TV	DVB	3/4	27.500	Cryptoworks/Videoguard		English			
			Radyo Lojik	radio	DVB	3/4	27.500			Turkish			
			Horizont	radio	DVB	3/4	27.500			Bulgarian			
			D 11.283	H	wide	<u>Tring Digital</u>	package	DVB	5/6	27.500	Conax/Cryptoworks		
						Tring Shqip	TV	DVB	5/6	27.500	Conax		Albanian
						Tring Max	TV	DVB	5/6	27.500	Conax		Albanian
						RTV 21 Popullore	TV	DVB	5/6	27.500	Conax		English
						Tring Tring	TV	DVB	5/6	27.500	Conax		Albanian
						Neser TV	TV	DVB	5/6	27.500	Conax		English
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			
Kohavision	TV	DVB				5/6	27.500	Conax		Albanian			
RTV 21 Sat	TV	DVB				5/6	27.500	Conax		Albanian			
VH1 Europe A	TV	DVB				5/6	27.500	Conax/Cryptoworks		English			
Tring World	TV	DVB				5/6	27.500	Conax		Albanian			
3 Plus	TV	DVB				5/6	27.500	Conax		Albanian			
Tring Comedy	TV	DVB				5/6	27.500	Conax		Albanian			
Folk +	TV	DVB				5/6	27.500			Albanian			
Tring Sport News	TV	DVB				5/6	27.500	Conax		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			
Disney Channel Romania & Bulgaria	TV	DVB				5/6	27.500	Conax/Cryptoworks		English,Bulgarian			
+2 Radio	radio	DVB				5/6	27.500						
Club FM	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		
						Cinecinema Club	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			
			Cinecinema Émotion	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			
			RTL 9	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			
			Discovery Channel France	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			
			RFO Tempo	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			
			Discovery Real Time France	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			
			TF 6	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			
			Cinecinema Frisson	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			
			Antenne Réunion	TV	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			
			Disney XD France	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
			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
			M6	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
			BFM TV	TV	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
			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
			Exo FM	radio	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
			Radio One	radio	DVB	3/4	29.950 Viaccess 2.3/Viaccess 2.5	French
D 11.554	H	Madagascar	<u>CanalSat Réunion</u>	package	DVB	3/4	30.000 Mediaguard 2	
			Eurosport France	TV	DVB	3/4	30.000 Mediaguard 2	French
			Voyage	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
			Trace TV	TV	DVB	3/4	30.000 Mediaguard 2	French
			13ème Rue	TV	DVB	3/4	30.000 Mediaguard 2	French
			TCM France	TV	DVB	3/4	30.000 Mediaguard 2	French,English
			L'Équipe TV	TV	DVB	3/4	30.000 Mediaguard 2	French
			W9	TV	DVB	3/4	30.000 Mediaguard 2	French
			↳Télé	TV	DVB	3/4	30.000 Mediaguard 2	French
			TMC	TV	DVB	3/4	30.000 Mediaguard 2	French
			France Ô	TV	DVB	3/4	30.000 Mediaguard 2	French
			RFO Tempo	TV	DVB	3/4	30.000 Mediaguard 2	French
			+ de Sport 2	TV	DVB	3/4	30.000 Mediaguard 2	French
			Canal J	TV	DVB	3/4	30.000 Mediaguard 2	French
			MCM France	TV	DVB	3/4	30.000 Mediaguard 2	French
			Planète France	TV	DVB	3/4	30.000 Mediaguard 2	French
			TV 5 Monde Afrique	TV	DVB	3/4	30.000 Mediaguard 2	French
			Disney Channel France	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	
			InfoSport	TV	DVB	3/4	29.950 Viaccess 2.3/Viaccess 2.5	French
			M6 Music Black	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
			Eurosport France	TV	DVB	3/4	29.950 Viaccess 2.3/Viaccess 2.5	French
			Equidia	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
			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
			TPS Foot	TV	DVB	3/4	29.950 Viaccess 2.3/Viaccess 2.5	French
			LCI	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
			Piwi	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
			Escales	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
			TV Breizh	TV	DVB	3/4	29.950 Viaccess 2.3/Viaccess 2.5	
			Star Plus	TV	DVB	3/4	29.950 Viaccess 2.3/Viaccess 2.5	Hindi
			M6 Music Hits	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
			TPS Star	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
			Radio Classique	radio	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
			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 Tana	radio	DVB	3/4	29.950 Viaccess 2.3/Viaccess 2.5	
			Gasy Radio	radio	DVB	3/4	29.950 Viaccess 2.3/Viaccess 2.5	
			Nostalgie la légende	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
			Radio Plus FM	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
			Europe 1 Sport	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
			RCF	radio	DVB	3/4	29.950 Viaccess 2.3/Viaccess 2.5	French

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio	MHz	Text	Access	Lang.
				Digital	FEC	MSy/s				

### 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 Deutschland	TV	DVB-S2	2/3	22.400	Viaccess 2.5		German,English
			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 Russia & Turkey	TV	DVB-S2	2/3	22.400	Viaccess 2.6		Spanish,English,English,Turkish,Russian
			National Geographic Channel Portugal	TV	DVB-S2	2/3	22.400	Viaccess 2.5		Portuguese,English
			SET Portugal	TV	DVB-S2	2/3	22.400	Viaccess 2.6		Portuguese
			National Geographic Channel Türkiye	TV	DVB-S2	2/3	22.400	Viaccess 2.5		Turkish,English
			Animax Iberia	TV	DVB-S2	2/3	22.400			Portuguese
			AXN Portugal	TV	DVB-S2	2/3	22.400	Viaccess 2.6		Portuguese
			National Geographic Channel Deutschland	TV	DVB-S2	2/3	22.400	Viaccess 2.5		German
			FX Greece	TV	DVB-S2	2/3	22.400	BISS		Greek,English
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 11.595	V	South Amer	<u>OpenSky</u>	package	DVB	5/6	27.500			
			OpenSky	interacti	DVB	5/6	27.500			
D 12.515	H	Europe	<u>Telecom Italia Media</u>	package	DVB	3/4	17.455	Irdeto 2		
			Dahlia Explorer	TV	DVB	3/4	17.455	Irdeto 2		Italian
			La 7	TV	DVB	3/4	Y 17.455			Italian
			Dahlia promo	TV	DVB	3/4	17.455			Italian
			Dahlia Adult 1	TV	DVB	3/4	17.455	Irdeto 2		Italian
			Dahlia Eros	TV	DVB	3/4	17.455	Irdeto 2		Italian
			Dahlia Xtreme	TV	DVB	3/4	17.455	Irdeto 2		Italian
			Dahlia Sport	TV	DVB	3/4	17.455	Irdeto 2		Italian
			K2	TV	DVB	3/4	17.455			Italian
D 12.545	H	Europe	<u>Telecom Italia Media</u>	package	DVB	3/4	17.455			
			Mya +1	TV	DVB	3/4	17.455	Nagravision 3		Italian
			La 7	TV	DVB	3/4	Y 17.455			Italian
			Dahlia promo	TV	DVB	3/4	17.455			Italian
			Sportitalia	TV	DVB	3/4	17.455			Italian
			Sportitalia 2	TV	DVB	3/4	17.455			Italian
			MediaShopping	TV	DVB	3/4	17.455			Italian
			Ted promo	TV	DVB	3/4	17.455			Italian
			MTV Italia	TV	DVB	3/4	Y 17.455			Italian

### ATLANTIC BIRD™ 2 (8°WEST)

D 10.974	H	Europe	<u>Orbit Showtime Network</u>	package	DVB	3/4	27.500	Irdeto 2/Mediaguard 2		
			GMA Life TV	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2		Tagalog
			Fann	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2		Arabic
			Al Safwa	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2		Arabic
			Pinoy Xtreme	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,English
			Al Yawm	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
			DWLS FM	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2		Tagalog
D 11.140	H	Europe	SkyDSL	interacti	DVB-S2	2/3	30.000			
D 11.178	H	Europe	<u>Orbit Showtime Network</u>	package	DVB	3/4	27.500	Irdeto 2/Mediaguard 2		
			Al Yawm	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2		Arabic
			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,English
			Arabic Series +4	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
			GMA Pinoy TV Europe	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2		Tagalog
			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
			Pinoy Xtreme	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2		Tagalog
			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			
			Q8 Vote promo	TV	DVB	3/4	27.500			Arabic
			Al Shahid TV	TV	DVB	3/4	27.500			Arabic
			Al-Zahra TV	TV	DVB	3/4	27.500			Arabic

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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 11.595	V	Middle Eas	Alwatan Ghanawi TV	TV	DVB	3/4	27.500		Arabic
			Suhail TV	TV	DVB	3/4	27.500		
			Ana TV Channel	TV	DVB	3/4	27.500		
			Rawasy TV	TV	DVB	3/4	27.500		Arabic
			Al Bawadi	TV	DVB	3/4	27.500		
			Alwatan TV	TV	DVB	3/4	27.500		Arabic
			Al-Arab Channel	TV	DVB	3/4	27.500		Arabic
			Channel 4 Teen	TV	DVB	3/4	27.500		
			Alwatan Plus	TV	DVB	3/4	27.500		Arabic
			Gulfsat	package	DVB	3/4	27.500		
			Al Awhad	TV	DVB	3/4	27.500		Arabic
			Tayba TV	TV	DVB	3/4	27.500		Arabic
			Ritmo TV	TV	DVB	3/4	27.500		Arabic
			Al Anwar TV 2	TV	DVB	3/4	27.500		Arabic
			Alatta TV promo	TV	DVB	3/4	27.500		Arabic
			Alwatan Galtah	TV	DVB	3/4	27.500		Arabic
			Ebony 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 4.0				
			France 3 Languedoc	TV	DVB	7/8	29.950	Viaccess 4.0	French			
			France 3 Lyon	TV	DVB	7/8	29.950	Viaccess 4.0	French			
			France 3 Nord-Pas de Calais	TV	DVB	7/8	29.950	Viaccess 4.0	French			
			France 3 Picardie	TV	DVB	7/8	29.950	Viaccess 4.0	French			
			France 3 Franche-Comté	TV	DVB	7/8	29.950	Viaccess 4.0	French			
			France 3 Aquitaine	TV	DVB	7/8	29.950	Viaccess 4.0	French			
			France 3 Limousin	TV	DVB	7/8	29.950	Viaccess 4.0	French			
			France 3 Basse-Normandie	TV	DVB	7/8	29.950	Viaccess 4.0	French			
			France 3 Auvergne	TV	DVB	7/8	29.950	Viaccess 4.0	French			
			France 3 Bourgogne	TV	DVB	7/8	29.950	Viaccess 4.0	French			
			France 3 Grenoble	TV	DVB	7/8	29.950	Viaccess 4.0	French			
			France 3 Côte d'Azur	TV	DVB	7/8	29.950	Viaccess 4.0	French			
			D 11.054	V	Super	<u>Fransat</u>	package	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	
						France 3 Lorraine	TV	DVB	7/8	29.950	Viaccess 4.0	French
						Equidia	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0	French
						France 3 Poitou-Charentes	TV	DVB	7/8	29.950	Viaccess 4.0	French
France 3 Centre	TV	DVB				7/8	29.950	Viaccess 4.0	French			
France 3 Provence-Alpes	TV	DVB				7/8	29.950	Viaccess 4.0	French			
France 3 Pays de la Loire	TV	DVB				7/8	29.950	Viaccess 4.0	French			
France 3 Champagne-Ardenne	TV	DVB				7/8	29.950	Viaccess 4.0	French			
France 3 Bretagne	TV	DVB				7/8	29.950	Viaccess 4.0	French			
France 3 Haute-Normandie	TV	DVB				7/8	29.950	Viaccess 4.0	French			
France 3 Alsace	TV	DVB				7/8	29.950	Viaccess 4.0	French			
France 3 Midi-Pyrénées	TV	DVB				7/8	29.950	Viaccess 4.0	French			
France 3 Corse Via Stella	TV	DVB				7/8	29.950	Viaccess 4.0	French			
France 3 Paris IdF	TV	DVB				7/8	29.950	Viaccess 4.0	French			
RCF Besançon	radio	DVB				7/8	29.950		French			
RCF Lumières	radio	DVB				7/8	29.950		French			
RCF Parabole Dijon	radio	DVB				7/8	29.950		French			
RCF Saint Martin	radio	DVB				7/8	29.950		French			
RCF Reims Ardennes	radio	DVB				7/8	29.950		French			
RCF Haute Savoie	radio	DVB				7/8	29.950		French			
RCF Le Puy en Velay	radio	DVB				7/8	29.950		French			
RCF Haute Alpes	radio	DVB				7/8	29.950		French			
RCF Haute Normandie	radio	DVB				7/8	29.950		French			
RCF Bordeaux	radio	DVB				7/8	29.950		French			
RCF	radio	DVB				7/8	29.950		French			
RCF Savoie	radio	DVB				7/8	29.950		French			
RCF Région 41	radio	DVB				7/8	29.950		French			
RCF Région 26	radio	DVB				7/8	29.950		French			
RCF Jerico Nancy	radio	DVB				7/8	29.950		French			
RCF Correze	radio	DVB				7/8	29.950		French			
RCF Berry	radio	DVB				7/8	29.950		French			
RCF Pays d'Aude	radio	DVB				7/8	29.950		French			
RCF Vivarais	radio	DVB				7/8	29.950		French			
RCF Pays de l'Ain	radio	DVB				7/8	29.950		French			
RCF Lyon Fourvière	radio	DVB	7/8	29.950		French						
D 11.065	H	Algeria	<u>TDA</u>	package	DVB	3/4	18.085					
			Canal Algérie	TV	DVB	3/4	18.085		Arabic			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC	MSy/s			
			Algérie 5	TV	DVB	3/4	18.085		Arabic
			ENTV	TV	DVB	3/4	18.085	BISS	Arabic
			Thalitha TV	TV	DVB	3/4	18.085		Arabic
			Algérie 4	TV	DVB	3/4	18.085		
			Chaîne 2	radio	DVB	3/4	18.085		Berber
			Radio Illizi	radio	DVB	3/4	18.085		
			Radio Saoura	radio	DVB	3/4	18.085		
			Chaîne 3	radio	DVB	3/4	18.085		French
			Radio Essouhoub	radio	DVB	3/4	18.085		
			Radio Tindouf	radio	DVB	3/4	18.085		Arabic
			Radio Ahaggar	radio	DVB	3/4	18.085		Arabic
			Radio Souk Ahras	radio	DVB	3/4	18.085		Arabic
			Radio Souf	radio	DVB	3/4	18.085		
			Radio Adrar	radio	DVB	3/4	18.085		Arabic
			Chaîne 1	radio	DVB	3/4	18.085		Arabic
			Radio Sahel	radio	DVB	3/4	18.085		
			Radio Ghardaïa	radio	DVB	3/4	18.085		Arabic
			Radio Naama	radio	DVB	3/4	18.085		
			Radio Tlemcen	radio	DVB	3/4	18.085		
			International Radio	radio	DVB	3/4	18.085		
			Radio Jijel	radio	DVB	3/4	18.085		,French,Hungarian
			Radio Batna	radio	DVB	3/4	18.085		
D 11.096	V	Super	<u>Fransat</u>	package	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	
			ARTE Français	TV	DVB	7/8	29.950	Viaccess 4.0	French
			NRJ Paris	TV	DVB	7/8	29.950		French
			TV 8 Mont Blanc	TV	DVB	7/8	29.950		French
			France Ô	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
			M6	TV	DVB	7/8	29.950	Viaccess 4.0	French
			France 2	TV	DVB	7/8	29.950	Viaccess 4.0	French
			TF 1	TV	DVB	7/8	29.950	Viaccess 4.0	French
			KTO	TV	DVB	7/8	29.950		French
D 11.471	V	Super	<u>Orange</u>	package	DVB-S2	2/3	29.950	Viaccess 3.0	
			W9	TV	DVB-S2	2/3	29.950	Viaccess 3.0	French
			M6	TV	DVB-S2	2/3	29.950	Viaccess 3.0	French
			Orange sport	TV	DVB-S2	2/3	29.950	Viaccess 3.0	French
			Canal + France	TV	DVB-S2	2/3	29.950	Viaccess 3.0	French
			Orange cinemax	TV	DVB-S2	2/3	29.950	Viaccess 3.0	French,English
			Orange cinenovo	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
			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
			↳Télé	TV	DVB-S2	2/3	29.950	Viaccess 3.0	French
			Orange cinegeants	TV	DVB-S2	2/3	29.950	Viaccess 3.0	French,English
D 11.512	V	Super	<u>Bis</u>	package	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	
			Action	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
			Ciné FX	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
			Chasse & Pêche	TV	DVB	7/8	29.950	Viaccess 2.5	French
			Dorcel TV	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0	French,German,English
			Orange sport info	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
			XXL	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
			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
			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
			Animaux	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0	French
D 11.554	V	Super	<u>Fransat</u>	package	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	
			France 4	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
			Gulli	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
			BFM TV	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
			NT1	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
			TMC	TV	DVB	7/8	29.950		English

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
D 11.591	V	Super	W9	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
			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
			↳Télé	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
			<u>France TV</u>	package	DVB	2/3	20.000		
			ARTE Français	TV	DVB	2/3	20.000		French,German
			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
A 12.522	V	Super	LCP	TV	DVB	2/3	20.000	French	
			M6	TV	SECAM	5.80	Y	French	
D 12.543	H	Super	<u>GlobeCast</u>	package	DVB	3/4	27.500		
			Toyor Al-Janah	TV	DVB	3/4	27.500		Arabic
			RCF Berry	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
			Fréquence But	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
			Radio Soleil	radio	DVB	3/4	27.500		
			RCF Savoie	radio	DVB	3/4	27.500		French
			RCF Pays de l'Ain	radio	DVB	3/4	27.500		French
			RCF Vivarais	radio	DVB	3/4	27.500		French
			RCF Pays d'Aude	radio	DVB	3/4	27.500		French
			Lloydspharmacy Live	radio	DVB	3/4	27.500	Viaccess 2.4	
			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
			RCF Reims Ardennes	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 Le Puy en Velay	radio	DVB	3/4	27.500		French
			RCF Lumières	radio	DVB	3/4	27.500		French
			RCF Parabole Dijon	radio	DVB	3/4	27.500		French
			RCF Saint Martin	radio	DVB	3/4	27.500		French
Radio GiFi	radio	DVB	3/4	27.500					
SPAR Live	radio	DVB	3/4	27.500	Viaccess 2.4				
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			
Capytol	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
			Cinema One	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
			TFC Europe	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
			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	
			Ahlulbayt Satellite Channel	TV	DVB	3/4	27.500	Arabic
			Tawasul TV	TV	DVB	3/4	27.500	Arabic
			Baraem	TV	DVB	3/4	27.500	Arabic
			Al Jazeera Children's Channel	TV	DVB	3/4	27.500	Arabic
			Al Afasy Quran	TV	DVB	3/4	27.500	Arabic
			Majan	TV	DVB	3/4	27.500	Arabic

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.			
				Digital	FEC	MSy/s						
D 10.758	V	Middle Eas	Modern Music promo	TV	DVB	3/4	27.500		Arabic			
			Press TV	TV	DVB	3/4	27.500		English			
			Al Shabab TV	TV	DVB	3/4	27.500		Arabic			
			Korea TV	TV	DVB	3/4	27.500		Arabic			
			Al Faraeen TV	TV	DVB	3/4	27.500		Arabic			
			Al Mansour TV	TV	DVB	3/4	27.500		Arabic			
			<u>Nilesat</u>	package	DVB	3/4	27.500					
			Safa TV	TV	DVB	3/4	27.500		Arabic			
			Education Channel 6	TV	DVB	3/4	27.500		Arabic			
			Education Channel 5	TV	DVB	3/4	27.500		Arabic			
			Al Maaly TV	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			
			Almajd Al Hadeeth Al Nabawy	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			
			Al Soyoof TV	TV	DVB	3/4	27.500		Arabic			
			Mawaheb wa Afkar	TV	DVB	3/4	27.500		Arabic			
			Al Gaoos	TV	DVB	3/4	27.500		Arabic			
Bin Othaimen	TV	DVB	3/4	27.500		Arabic						
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			
			Waseet TV	TV	DVB	3/4	27.500		Arabic			
			Al-Qiethara TV	TV	DVB	3/4	27.500		Arabic			
			Panorama Drama 2	TV	DVB	3/4	27.500		Arabic			
			Al Wasl	TV	DVB	3/4	27.500		Arabic			
			Cairo Cinema	TV	DVB	3/4	27.500		Arabic			
			Diewan Alarab TV	TV	DVB	3/4	27.500		Arabic			
			Alghadeer Satellite Channel	TV	DVB	3/4	27.500		Arabic			
			Cairo Drama	TV	DVB	3/4	27.500		Arabic			
			Al Iraq Al Tarbawiyah	TV	DVB	3/4	27.500		Arabic			
			Al Farashah	TV	DVB	3/4	27.500		Arabic			
			D 10.796	V	Middle Eas	<u>Nilesat</u>	package	DVB	3/4	27.500		
						Oman TV 2	TV	DVB	3/4	27.500		Arabic
						Al Tejarah TV	TV	DVB	3/4	27.500		Arabic
						Massaya TV	TV	DVB	3/4	27.500		Arabic
						Al Khalijiyah	TV	DVB	3/4	27.500		Arabic
						KurdSat	TV	DVB	3/4	27.500		Kurdish
Al Mukhtalif	TV	DVB				3/4	27.500		Arabic			
Al Fanoos TV	TV	DVB				3/4	27.500		Arabic			
Zagros TV	TV	DVB				3/4	27.500		Kurdish			
TV Alahad	TV	DVB				3/4	27.500		Arabic			
Melody Tunes	TV	DVB				3/4	27.500		English			
Al Amaken Satellite Channel	TV	DVB				3/4	27.500		Arabic			
Tunisie 7	TV	DVB				3/4	27.500		Arabic			
Addounia TV	TV	DVB				3/4	27.500		Arabic			
Radio Tunis Chaîne Internationale	radio	DVB				3/4	27.500					
Radio Nationale	radio	DVB				3/4	27.500		Arabic			
Radio Zitouna FM	radio	DVB				3/4	27.500		Arabic			
Tunisie Culture	radio	DVB				3/4	27.500		Arabic			
D 10.873	V	Middle Eas				<u>Noorsat</u>	package	DVB	3/4	27.500		
			Awal TV	TV	DVB	3/4	27.500		Arabic			
			Panorama Film	TV	DVB	3/4	27.500		Arabic			
			Awatan Satellite Channel	TV	DVB	3/4	27.500		Arabic			
			Shada TV	TV	DVB	3/4	27.500		Arabic			
			Awal Al Tareeq	TV	DVB	3/4	27.500		Arabic			
			Al Entekhabyah al Iraqiyah	TV	DVB	3/4	27.500		Arabic			
			Al Soufia	TV	DVB	3/4	27.500		Arabic			
			Art Vision Mehnati	TV	DVB	3/4	27.500		Arabic			
			Nour TV	TV	DVB	3/4	27.500		Farsi			
			Al Haqeeqa al Dawliyah	TV	DVB	3/4	27.500		Arabic			
			All TV	TV	DVB	3/4	27.500		Arabic			
			Zweina Baladna	TV	DVB	3/4	27.500		Arabic			
			Azhari	TV	DVB	3/4	27.500		Arabic			
			NART TV	TV	DVB	3/4	27.500		Arabic			
			Oscar Drama	TV	DVB	3/4	27.500		Arabic			
			Future Palestine	TV	DVB	3/4	27.500		Arabic			
			ANB	TV	DVB	3/4	27.500		Arabic			
			Topshop TV	TV	DVB	3/4	27.500		Arabic			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.			
				Digital	FEC							
D 10.892	H	Middle Eas	Al Seraj TV	TV	DVB	3/4	27.500		Arabic			
			New Channel TV	TV	DVB	3/4	27.500		Farsi			
			<u>Noorsat</u>	package	DVB	3/4	27.500					
			UM TV	TV	DVB	3/4	27.500			Arabic		
			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		
			Al-Lubnania	TV	DVB	3/4	27.500			Arabic		
			Vin TV	TV	DVB	3/4	27.500			Kurdish		
			KNN Channel	TV	DVB	3/4	27.500			Kurdish		
			Oscar Drama	TV	DVB	3/4	27.500			Arabic		
			Karbala Satellite Channel	TV	DVB	3/4	27.500			Arabic		
			OTV	TV	DVB	3/4	27.500			Arabic		
			RT Arabic	TV	DVB	3/4	27.500			Arabic		
			Alhayat Mosalsalat	TV	DVB	3/4	27.500			Arabic		
			Al Alamiyah	TV	DVB	3/4	27.500			Arabic		
			Al Hayat	TV	DVB	3/4	27.500			Arabic		
			Ishtar TV	TV	DVB	3/4	27.500			Arabic		
			Gali Kurdistan	TV	DVB	3/4	27.500			Kurdish		
			Iraq Economic	TV	DVB	3/4	27.500			Arabic		
Radio Sama FM	radio	DVB	3/4	27.500			Arabic					
Radio Nawa Kurdish	radio	DVB	3/4	27.500			Kurdish					
Radio Nawa Arabic	radio	DVB	3/4	27.500			Arabic					
Al Rasheed FM	radio	DVB	3/4	27.500								
D 10.911	V	Middle Eas	<u>Noorsat</u>	package	DVB	3/4	27.500					
			Orient TV	TV	DVB	3/4	27.500			Arabic		
			Al Mustakillah TV	TV	DVB	3/4	27.500			Arabic		
			Al Hiwar TV	TV	DVB	3/4	27.500			Arabic		
			Aqsa Satellite Channel	TV	DVB	3/4	27.500			Arabic		
			Wesal TV	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 Fayhaa TV	TV	DVB	3/4	27.500			Arabic		
			Soufia Channel TV	TV	DVB	3/4	27.500			Arabic		
			Syria Drama	TV	DVB	3/4	27.500			Arabic		
			Abu Dhabi Al Oula +1	TV	DVB	3/4	27.500			Arabic		
			Abu Dhabi Al Emarat	TV	DVB	3/4	27.500			Arabic		
			Tawazon TV	TV	DVB	3/4	27.500			Arabic		
			Al Soriyah Al Tarbaweyah	TV	DVB	3/4	27.500			Arabic		
			D 10.930	H	Middle Eas	<u>Jordan Media City</u>	package	DVB	3/4	27.500		
						Aaj News	TV	DVB	3/4	27.500	Irdeto 2/Viaccess 3.0	Urdu
International Industrial Channel	TV	DVB				3/4	27.500		Arabic			
Al Etejah Satellite Channel	TV	DVB				3/4	27.500		Arabic			
Algérie 5	TV	DVB				3/4	27.500		Arabic			
Aghanina TV	TV	DVB				3/4	27.500		Arabic			
Live TV	TV	DVB				3/4	27.500		Arabic			
Al Babeleyia Sat Channel	TV	DVB				3/4	27.500		Arabic			
Algérie 4	TV	DVB				3/4	27.500					
Indus Vision	TV	DVB				3/4	27.500	Irdeto 2/Viaccess 3.0	Urdu			
Sawt Al Madina	radio	DVB	3/4	27.500		Arabic						
D 10.992	V	Middle Eas	<u>ViewAfrica Network</u>	package	DVB	3/4	27.500					
			Prime 2	TV	DVB	3/4	27.500					
			Aden TV	TV	DVB	3/4	27.500		Arabic			
			Al Minber TV	TV	DVB	3/4	27.500		Arabic			
			Prime 3	TV	DVB	3/4	27.500					
			Prime 1	TV	DVB	3/4	27.500					
			Ahlulbayt TV	TV	DVB	3/4	27.500		English			
			Noor TV	TV	DVB	3/4	27.500					
			Miracle	TV	DVB	3/4	27.500		Arabic			
			Madani Channel	TV	DVB	3/4	27.500		Urdu			
			Faith TV	TV	DVB	3/4	27.500					
D 11.219	H	Middle Eas	Al Hadharah Satellite Channel promo	TV	DVB	3/4	27.485		Arabic			
D 11.219	H	Middle Eas	Al Fayhaa TV	TV	DVB	3/4	27.485		Arabic			
A 11.219	H	Middle Eas	Dream HD	TV	DVB	3/4	27.485		Arabic			
D 11.317	V	Middle Eas	<u>Noorsat</u>	package	DVB	3/4	27.500					
			Sada Al Islam	TV	DVB	3/4	27.500		Arabic			
			Toyor Al-Janah	TV	DVB	3/4	27.500		Arabic			
			Alquds Satellite Channel	TV	DVB	3/4	27.500		Arabic			
			Arrai	TV	DVB	3/4	27.500		Arabic			
			Makkah TV	TV	DVB	3/4	27.500		Arabic			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
D 11.334	H	Middle Eas	Al Rouh TV	TV	DVB	3/4	27.500		Arabic
			Jamawar Kurdistan	TV	DVB	3/4	27.500		
			Al-Maaref TV	TV	DVB	3/4	27.500		Arabic
			Hayatona	TV	DVB	3/4	27.500		Arabic
			4Shbab TV	TV	DVB	3/4	27.500		Arabic
			Starfone	TV	DVB	3/4	27.500		Arabic
			Al Hekmah TV	TV	DVB	3/4	27.500		Arabic
			Markaty TV	TV	DVB	3/4	27.500		Arabic
			Karameesh	TV	DVB	3/4	27.500		Arabic
			Misk TV	TV	DVB	3/4	27.500		Arabic
			Tawasul TV	TV	DVB	3/4	27.500		Arabic
			Hadi TV	TV	DVB	3/4	27.500		Arabic
			Watani	TV	DVB	3/4	27.500		Arabic
			Sana Satellite Channel	TV	DVB	3/4	27.500		Arabic
			<u>Nilesat</u>	package	DVB	3/4	27.485		
			Nasaem TV	TV	DVB	3/4	27.485		Arabic
			Almuntada promo	TV	DVB	3/4	27.485		Arabic
			Kaef TV	TV	DVB	3/4	27.485		Arabic
			Rama Satellite Channel	TV	DVB	3/4	27.485		Arabic
			D 11.355	V	Middle Eas	Cars TV	TV	DVB	3/4
Rawae	TV	DVB				3/4	27.485		Arabic
Jeddah TV	TV	DVB				3/4	27.485		Arabic
Hanaya TV promo	TV	DVB				3/4	27.485		Arabic
Al Athar TV	TV	DVB				3/4	27.485		Arabic
Al Bareah TV	TV	DVB				3/4	27.485		Arabic
<u>STN</u>	package	DVB				3/4	27.500		
Al Malakoot Sat	TV	DVB				3/4	27.500		Arabic
Aghapy TV	TV	DVB				3/4	27.500		Arabic
Sat 7 Kids	TV	DVB				3/4	27.500		Arabic
Sat 7 Arabic	TV	DVB				3/4	27.500		Arabic
PTV Classic	TV	DVB				3/4	27.500		Arabic
PTV Prime	TV	DVB				3/4	27.500		Arabic
NourSat	TV	DVB				3/4	27.500		Arabic
PTV Entertainment	TV	DVB				3/4	27.500		English
Alalam News Channel	TV	DVB				3/4	27.500		Arabic
CTV	TV	DVB				3/4	27.500		Arabic
Roj TV	TV	DVB				3/4	27.500		Kurdish
Al Duaa Channel	TV	DVB				3/4	27.500		Arabic
VoA TV Persian	TV	DVB				3/4	27.500		Farsi
D 11.374	H	Middle Eas	MTA 3 Al Arabiyah	TV	DVB	3/4	27.500		Arabic
			Ta3arof TV	TV	DVB	3/4	27.500		Arabic
			CCTV Arabic	TV	DVB	3/4	27.500		Arabic
			MMC TV	TV	DVB	3/4	27.500		Kurdish
			Kalam TV	TV	DVB	3/4	27.500		Arabic
			<u>Orbit Showtime Network</u>	package	DVB	3/4	27.500	Betacrypt/Irdeto 2	
			MnL TV	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	Tagalog
			Fann	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	Arabic
			Super Movies +1	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	Arabic
			Zone Club Europe	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	English
			Pinoy Xtreme	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	Tagalog
			GMA Life TV	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	Tagalog
			Arabic Series +4	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	Arabic
			GMA Pinoy TV Europe	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	Tagalog
			Cinema 1	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	Arabic
			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	
			Cinema 2	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	Arabic
			Music Now	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	English
D 11.411	H	Middle Eas	<u>Orbit Showtime Network</u>	package	DVB	3/4	27.500	Betacrypt/Irdeto 2	
			Trace TV	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	French
			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
			Cinema City	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	English
			Xtra Movies	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	Arabic
			ShowCinema TV Max 3	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	English,Arabic
			ShowCinema TV Max 1	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	English,Arabic
			Fox Sports Middle East	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	English
			Arabic Series	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	Arabic

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.			
				Digital	FEC							
D 12.341	V	Middle Eas	Playhouse Disney Scandinavia	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	English			
			ShowCinema TV Max 2	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	English,Arabic			
			<u>Du</u>	package	DVB	3/4	27.500					
			Al Aan TV	TV	DVB	3/4	27.500		Arabic			
			TXT	TV	DVB	3/4	27.500					
			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			
			NDTV Imagine	TV	DVB	3/4	27.500		Hindi			
			MBC Persia	TV	DVB	3/4	27.500		Farsi			
			Infinity 2	TV	DVB	3/4	27.500		Arabic			
D 12.360	H	Middle Eas	<u>Nilesat</u>	package	DVB	3/4	27.500					
			Al Mosullia	TV	DVB	3/4	27.500		Arabic			
			Libya Sports 1	TV	DVB	3/4	27.500		Arabic			
			Al Jazeera Documentary	TV	DVB	3/4	27.500		Arabic			
			Alpha	TV	DVB	3/4	27.500		Arabic			
			Al Salam TV	TV	DVB	3/4	27.500		Arabic			
			Al Badeel	TV	DVB	3/4	27.500		Arabic			
			Panorama Drama	TV	DVB	3/4	27.500		Arabic			
			Scope TV	TV	DVB	3/4	27.500		Arabic			
			Al Ahly Club	TV	DVB	3/4	27.500		Arabic			
			Al Hafez	TV	DVB	3/4	27.500		Arabic			
			Libya Sports 2	TV	DVB	3/4	27.500		Arabic			
			Al-Jamahiryia TV 2	TV	DVB	3/4	27.500		Arabic			
			Al Hadath	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			
			D 12.380	V	Middle Eas	<u>Jordan Media City</u>	package	DVB	3/4	27.500		
Sama TV	TV	DVB				3/4	27.500		Arabic			
JoSat	TV	DVB				3/4	27.500		Arabic			
Taatwer TV promo	TV	DVB				3/4	27.500		Arabic			
Al Teb Alnabawi	TV	DVB				3/4	27.500		Arabic			
Ale3lania TV	TV	DVB				3/4	27.500		Arabic			
CFD Market	TV	DVB				3/4	27.500		Arabic			
Cars TV	TV	DVB				3/4	27.500		Arabic			
Al Mashrek TV	TV	DVB				3/4	27.500		Arabic			
W TV	TV	DVB				3/4	27.500		Arabic			
AldiyarSat	TV	DVB				3/4	27.500		Arabic			
Arab Motors TV	TV	DVB				3/4	27.500		Arabic			
WDS TV	TV	DVB				3/4	27.500		Arabic			
Tevena	TV	DVB				3/4	27.500		Arabic			
Radio Nederland Wereldomroep	radio	DVB				3/4	27.500		Arabic			
D 12.399	H	Middle Eas				<u>Nilesat</u>	package	DVB	3/4	27.500		
						Al Shababiyah	TV	DVB	3/4	27.500		Arabic
			Eve TV	TV	DVB	3/4	27.500		English			
			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			
			Al-Iraqiya Sports	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					
			Al Hurrya	TV	DVB	3/4	27.500		Arabic			
			Kurdistan TV	TV	DVB	3/4	27.500		Kurdish			
			Ashur TV	TV	DVB	3/4	27.500					
			Télé Liban	TV	DVB	3/4	27.500		Arabic			
			Türkmeneli FM	radio	DVB	3/4	27.500		Turkish			
			Iza'at Al-Quran Al-Kareem wa al Barameg Al-Deeniyah	radio	DVB	3/4	27.500		Arabic			
			Al-Iraqiya 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 Bader	TV	DVB	3/4	27.500		Arabic			
			Al Forqan TV	TV	DVB	3/4	27.500					
			Al Anbar	TV	DVB	3/4	27.500		Arabic			
			Sham FM 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			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC	MSy/s			
D 12.437	H	Middle Eas	Tunisie 21	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
			Daleel TV Channel	TV	DVB	3/4	27.500		Arabic
			Al-Iraqiya TV	TV	DVB	3/4	27.500		Arabic
			Republic of Iraq Radio	radio	DVB	3/4	27.500		Arabic
			<u>Du</u>	package	DVB	3/4	27.500		
			Nickelodeon Arabia	TV	DVB	3/4	27.500		Arabic
			Shaer al Rasoul	TV	DVB	3/4	27.500		Arabic
			Kanal 4	TV	DVB	3/4	27.500		Kurdish
D 12.456	V	Middle Eas	Korek TV	TV	DVB	3/4	27.500		Kurdish
			Al-Waha TV	TV	DVB	3/4	27.500		Arabic
			<u>Al Jazeera Sport</u>	package	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	
			ESPN Middle East	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	Arabic,English
			ESPN Classic Middle East & Africa	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	English
			ESPN America Europe	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	English
			ART Sports 7	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	Arabic,English
			NBA TV	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	English
			Al Jazeera Sport Channel HD 1	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	Arabic,English
			<u>Nilesat</u>	package	DVB	3/4	27.500		
D 12.476	H	Middle Eas	Al Lord 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
			Afaq TV	TV	DVB	3/4	27.500		Arabic
			Aamal TV	TV	DVB	3/4	27.500		Arabic
			Al Rahma TV	TV	DVB	3/4	27.500		Arabic
			Al Sabah TV	TV	DVB	3/4	27.500		Arabic
			Modern Masr promo	TV	DVB	3/4	27.500		Arabic
Nile Family and Kids	TV	DVB	3/4	27.500		Arabic			