

**HDPVR DECODER SETTINGS**

NETWORK	USE NIT	FREQ	SYMBOL	POL	FEC	ORBITAL POSITION
HOME NETWORK	YES	11594	27500	V	5/6	IS20
ADDITIONAL NET 1 ENABLE	SMATV	10810	30000	V	5/6	IS20
ADDITIONAL NET 2 ENABLE	SMATV	10850	30000	V	5/6	IS20
ADDITIONAL NET 3 ENABLE	SMATV	10890	30000	V	5/6	IS20
ADDITIONAL NET 4 ENABLE	SMATV	10930	30000	V	5/6	IS20
ADDITIONAL NET 5 ENABLE	SMATV	11250	30000	V	5/6	IS20
ADDITIONAL NET 6 ENABLE	SMATV	11290	30000	V	5/6	IS20
ADDITIONAL NET 7 ENABLE	SMATV	11330	30000	V	5/6	IS20
ADDITIONAL NET 8 ENABLE	SMATV	11370	30000	V	5/6	IS20
ADDITIONAL NET 9 ENABLE	SMATV	11410	30000	V	5/6	IS20

**SINGLE AND DUAL VIEW DECODER SETTINGS**

NETWORK	USE NIT	FREQ	SYMBOL	POL	FEC	ORBITAL POSITION	
1 ENABLE	YES	11594	27500	V	5/6	IS20	HOME
2 ENABLE	SMATV	10810	30000	V	5/6	IS20	
3 ENABLE	SMATV	10850	30000	V	5/6	IS20	
4 ENABLE	SMATV	10890	30000	V	5/6	IS20	
5 ENABLE	SMATV	10930	30000	V	5/6	IS20	
6 ENABLE	SMATV	11250	30000	V	5/6	IS20	
7 ENABLE	SMATV	11290	30000	V	5/6	IS20	
8 ENABLE	SMATV	11330	30000	V	5/6	IS20	
9 ENABLE	SMATV	11370	30000	V	5/6	IS20	
10 ENABLE	SMATV	11410	30000	V	5/6	IS20	

**HALF HEADEND CONVERSION PROCESSING HORIZONTAL (LOW BAND) TRANSPONDERS ONLY, RAW VERTICAL COMBINED FROM IS 20. TOP TV FROM ASTRA 4A (VERTICAL HIGH BAND) NOT POSSIBLE**

Converter	Transponder	Polarity	Transponder Frequency	Input IF Frequency	Conversion Required	Output IF Frequency
1 - P1	24K	HORIZONTAL	11674	1924	YES	980
1 - P2	22K	HORIZONTAL	11634	1884	YES	1020
2 - P1	20K	HORIZONTAL	11594	1844	YES	1060
2 - P2	18K	HORIZONTAL	11554	1804	YES	1100
3 - P1	16K	HORIZONTAL	11514	1764	YES	1140
3 - P2	14K	HORIZONTAL	11474	1724	YES	1180
4 - P1	A1	HORIZONTAL	10970	1220	YES	1460
4 - P2	A2	HORIZONTAL	11010	1260	YES	1500
5 - P1	A3	HORIZONTAL	11050	1300	YES	1540
5 - P2	A4	HORIZONTAL	11090	1340	YES	1580
6 - P1	A5	HORIZONTAL	11130	1380	YES	1620
6 - P2	A6	HORIZONTAL	11170	1420	YES	1660

NEW CONVERTERS TO BE ADDED

## MISSING CHANNELS BEFORE UPGRADE

104, 105, 106, 108, 112, 117, 122, 124, 150, 153, 173, 188.

**FULL HEADEND CONVERSION PROCESSING HORIZONTAL (LOW BAND) TRANSPONDERS FROM IS 20, AS WELL AS TOP TV FROM ASTRA 4A (VERTICAL HIGH BAND)**

Converter	Transponder	Polarity	Transponder Frequency	Input IF Frequency	Conversion Required	Output IF Frequency
1 - P1	24K	HORIZONTAL	11674	1924	YES	980
1 - P2	22K	HORIZONTAL	11634	1884	YES	1020
2 - P1	20K	HORIZONTAL	11594	1844	YES	1060
2 - P2	18K	HORIZONTAL	11554	1804	YES	1100
3 - P1	16K	HORIZONTAL	11514	1764	YES	1140
3 - P2	14K	HORIZONTAL	11474	1724	YES	1180
4 - P1	A7	VERTICAL	10970	1220	NO	1220
4 - P2	A8	VERTICAL	11010	1260	NO	1260
5 - P1	A9	VERTICAL	11050	1300	NO	1300
5 - P2	A10	VERTICAL	11090	1340	NO	1340
6 - P1	A11	VERTICAL	11130	1380	NO	1380
6 - P2	A12	VERTICAL	11170	1420	NO	1420
7 - P1	A1	HORIZONTAL	10970	1220	YES	1460
7 - P2	A2	HORIZONTAL	11010	1260	YES	1500
8 - P1	A3	HORIZONTAL	11050	1300	YES	1540
8 - P2	A4	HORIZONTAL	11090	1340	YES	1580
9 - P1	A5	HORIZONTAL	11130	1380	YES	1620
9 - P2	A6	HORIZONTAL	11170	1420	YES	1660
10 - P1	B1	VERTICAL	11474	1724	NO	1724
10 - P2	B2	VERTICAL	11514	1764	NO	1764
11 - P1	B3	VERTICAL	11554	1804	NO	1804
11 - P2	B4	VERTICAL	11594	1844	NO	1844
12 - P2	B5	VERTICAL	11634	1884	NO	1884
12 - P1	B6	VERTICAL	11674	1924	NO	1924
13 - P2	TopTV1	VH	12525	1925	YES	1965
13 - P1	TopTV2	VH	12645	2045	YES	2085
14 - P2	TopTV3	VH	12685	2085	YES	2125

 NEW CONVERTERS TO BE ADDED

 BOTSWANA TV FREQUENCY WILL REVERT TO DSTV IN FEBRUARY 2013 (11625)

 TOP TV ON ASTRA 4A