

S-2 - SERIAL N.: 4176 - HW Ver: 1.00 - FW Ver: 1.29

CUSTOMER:

NOTES:

DATAFILE: Logger2

SOURCE: ASTR19

TEMPERATURE: 25 °C

DATE: NOT AVAILABLE

!Prg!	Mode	! Freq.	!Prg.Name	!Local!	S.Rate	Stand.	!Lnb!	Di	Level	!MER - EVM	aBER	bBER	N.MA.	FEC	QLTY
! !	!	!	!	! Osc !	!	!	! !	! SEqc!	or	!	!	!	!	!	!
! !	!	[MHz]	!	[MHz]	!	!	! Pol!	!	Power	!	!	!	!	!	!
! 1!	AN.SAT	!10714.2	!TR 49	! 9750!	!	!	!V L!	NONE!	67.8dBuV	!	!	!	!	!	!
! 2!	AN.SAT	!10729.0	!TR 50	! 9750!	!	!	!V L!	NONE!	87.9dBuV	!	!	!	!	!	!
! 3!	AN.SAT	!10743.7	!TR 51	! 9750!	!	!	!H L!	NONE!	87.3dBuV	!	!	!	!	!	!
! 4!	AN.SAT	!10758.5	!TR 52	! 9750!	!	!	!V L!	NONE!	88.2dBuV	!	!	!	!	!	!
! 5!	QPSK	!10788.0	!TR 54	! 9750!	22.000 MS/s	!DVB	!V L!	NONE!	88.2dBuV	!11.3dB 28%	<10-8	!3x10-4	! 4 dB	!5/6	!PASS !
! 6!	AN.SAT	!10802.7	!TR 55	! 9750!	!	!	!H L!	NONE!	86.8dBuV	!	!	!	!	!	!
! 7!	QPSK	!10817.5	!TR 56	! 9750!	22.000 MS/s	!DVB	!V L!	NONE!	87.9dBuV	!11.9dB 28%	<10-8	!2x10-4	! 4 dB	!5/6	!PASS !
! 8!	QPSK	!10832.2	!TR 57	! 9750!	22.000 MS/s	!DVB	!H L!	NONE!	87.4dBuV	!11.7dB 28%	<10-8	!2x10-4	! 4 dB	!5/6	!PASS !
! 9!	QPSK	!10847.0	!TR 58	! 9750!	22.000 MS/s	!DVB	!V L!	NONE!	87.6dBuV	!11.7dB 28%	<10-8	!2x10-4	! 4 dB	!5/6	!PASS !
! 10!	QPSK	!10861.7	!TR 59	! 9750!	22.000 MS/s	!DVB	!H L!	NONE!	87.2dBuV	!12.1dB 25%	<10-8	!2x10-4	! 5 dB	!5/6	!PASS !
! 11!	QPSK	!10876.5	!TR 60	! 9750!	22.000 MS/s	!DVB	!V L!	NONE!	87.5dBuV	!11.7dB 28%	<10-8	!2x10-4	! 4 dB	!5/6	!PASS !
! 12!	AN.SAT	!10891.2	!TR 61	! 9750!	!	!	!H L!	NONE!	87.7dBuV	!	!	!	!	!	!
! 13!	AN.SAT	!10906.0	!TR 62	! 9750!	!	!	!V L!	NONE!	87.4dBuV	!	!	!	!	!	!
! 14!	QPSK	!10920.7	!TR 63	! 9750!	22.000 MS/s	!DVB	!H L!	NONE!	86.9dBuV	!12.7dB 25%	<10-8	!8x10-5	! 5 dB	!5/6	!PASS !
! 15!	AN.SAT	!10935.5	!TR 64	! 9750!	!	!	!V L!	NONE!	87.4dBuV	!	!	!	!	!	!
! 16!	AN.SAT	!10964.2	!TR 33	! 9750!	!	!	!H L!	NONE!	86.6dBuV	!	!	!	!	!	!
! 17!	QPSK	!10979.0	!TR 34	! 9750!	22.000 MS/s	!DVB	!V L!	NONE!	87.3dBuV	!12.2dB 25%	<10-8	!1x10-4	! 5 dB	!5/6	!PASS !
! 18!	AN.SAT	!10993.7	!TR 35	! 9750!	!	!	!H L!	NONE!	86.3dBuV	!	!	!	!	!	!
! 19!	AN.SAT	!11008.5	!TR 36	! 9750!	!	!	!V L!	NONE!	85.2dBuV	!	!	!	!	!	!
! 20!	AN.SAT	!11023.2	!TR 37	! 9750!	!	!	!H L!	NONE!	85.5dBuV	!	!	!	!	!	!

DATAFILE: Logger2

SOURCE: ASTR19

TEMPERATURE: 25 °C

DATE: NOT AVAILABLE

Prg	Mode	Freq	Prg.Name	Local	S.Rate	Stand.	Lnb	Di	Level	MER - EVM	aBER	bBER	N.MA.	FEC	QlTY	
!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	
!	!	[MHz]	!	[MHz]	!	!	!	!	Power	!	!	!	!	!	!	
21	QPSK	11038.0	TR 38	9750	22.000 MS/s	DVB	V	L	NONE	87.5dBuV	12.3dB 25%	<10-8	2x10-4	5 dB	5/6	PASS
22	AN.SAT	11052.7	TR 39	9750			H	L	NONE	84.5dBuV						
23	AN.SAT	11067.5	TR 40	9750			V	L	NONE	87.5dBuV						
24	AN.SAT	11082.2	TR 41	9750			H	L	NONE	85.7dBuV						
25	QPSK	11097.0	TR 42	9750	22.000 MS/s	DVB	V	L	NONE	87.8dBuV	11.2dB 28%	<10-8	4x10-4	4 dB	5/6	PASS
26	AN.SAT	11111.7	TR 43	9750			H	L	NONE	85.5dBuV						
27	AN.SAT	11126.5	TR 44	9750			V	L	NONE	85.6dBuV						
28	AN.SAT	11141.2	TR 45	9750			H	L	NONE	85.3dBuV						
29	QPSK	11156.0	TR 46	9750	22.000 MS/s	DVB	V	L	NONE	87.6dBuV	12.1dB 25%	<10-8	1x10-4	5 dB	5/6	PASS
30	AN.SAT	11170.7	TR 47	9750			H	L	NONE	84.9dBuV						
31	AN.SAT	11185.5	TR 48	9750			V	L	NONE	87.0dBuV						
32	AN.SAT	11214.2	TR 1	9750			H	L	NONE	83.3dBuV						
33	AN.SAT	11229.0	TR 2	9750			V	L	NONE	85.3dBuV						
34	AN.SAT	11243.7	TR 3	9750			H	L	NONE	85.5dBuV						
35	AN.SAT	11258.5	TR 4	9750			V	L	NONE	85.9dBuV						
36	AN.SAT	11273.2	TR 5	9750			H	L	NONE	84.7dBuV						
37	AN.SAT	11288.0	TR 6	9750			V	L	NONE	84.8dBuV						
38	AN.SAT	11302.7	TR 7	9750			H	L	NONE	86.9dBuV						
39	QPSK	11317.5	TR 8	9750	22.000 MS/s	DVB	V	L	NONE	88.2dBuV	11.2dB 28%	<10-8	5x10-4	4 dB	5/6	PASS
40	AN.SAT	11332.2	TR 9	9750			H	L	NONE	86.3dBuV						
41	AN.SAT	11347.0	TR 10	9750			V	L	NONE	86.2dBuV						
42	AN.SAT	11361.7	TR 11	9750			H	L	NONE	88.2dBuV						
43	AN.SAT	11376.5	TR 12	9750			V	L	NONE	87.3dBuV						
44	AN.SAT	11391.2	TR 13	9750			H	L	NONE	87.9dBuV						

!Prg!	Mode	! Freq.	!Prg.Name	!Local!	S.Rate	! Stand.	!Lnb!	Di	Level	!MER - EVM	aBER	bBER	N.MA.	FEC	!QlTY
!	!	! [MHz]	!	! Osc	!	!	!SEqc!	!	or	!	!	!	!	!	!
!	!	!	!	! [MHz]	!	!	!Pol!	!	Power	!	!	!	!	!	!
! 45!	AN.SAT	!11406.0	!TR 14	! 9750!		!	!V L!	NONE!	86.2dBuV	!	!	!	!	!	!
! 46!	AN.SAT	!11420.7	!TR 15	! 9750!		!	!H L!	NONE!	88.8dBuV	!	!	!	!	!	!
! 47!	AN.SAT	!11435.5	!TR 16	! 9750!		!	!V L!	NONE!	84.4dBuV	!	!	!	!	!	!
! 48!	AN.SAT	!11464.2	!TR 17	! 9750!		!	!H L!	NONE!	89.5dBuV	!	!	!	!	!	!
! 49!	AN.SAT	!11493.7	!TR 19	! 9750!		!	!H L!	NONE!	88.5dBuV	!	!	!	!	!	!
! 50!	QPSK	!11508.5	!TR 20	! 9750!	22.000 MS/s	!DVB	!V L!	NONE!	89.5dBuV	!11.4dB 28%	<10-8	!4x10-4	! 4 dB	!5/6	!PASS !
! 51!	AN.SAT	!11523.2	!TR 21	! 9750!		!	!H L!	NONE!	88.2dBuV	!	!	!	!	!	!
! 52!	AN.SAT	!11538.0	!TR 22	! 9750!		!	!V L!	NONE!	82.8dBuV	!	!	!	!	!	!
! 53!	AN.SAT	!11552.7	!TR 23	!10600!		!	!H H!	NONE!	85.2dBuV	!	!	!	!	!	!
! 54!	QPSK	!11567.5	!TR 24	!10600!	22.000 MS/s	!DVB	!V H!	NONE!	86.8dBuV	!11.3dB 28%	<10-8	!4x10-4	! 4 dB	!5/6	!PASS !
! 55!	AN.SAT	!11582.2	!TR 25	!10600!		!	!H H!	NONE!	85.8dBuV	!	!	!	!	!	!
! 56!	QPSK	!11597.0	!TR 26	!10600!	22.000 MS/s	!DVB	!V H!	NONE!	87.0dBuV	!10.5dB 31%	<10-8	!1x10-3	! 3 dB	!5/6	!PASS !
! 57!	AN.SAT	!11611.7	!TR 27	!10600!		!	!H H!	NONE!	85.6dBuV	!	!	!	!	!	!
! 58!	AN.SAT	!11626.5	!TR 28	!10600!		!	!V H!	NONE!	87.4dBuV	!	!	!	!	!	!
! 59!	AN.SAT	!11641.2	!TR 29	!10600!		!	!H H!	NONE!	85.9dBuV	!	!	!	!	!	!
! 60!	AN.SAT	!11656.0	!TR 30	!10600!		!	!V H!	NONE!	85.8dBuV	!	!	!	!	!	!
! 61!	QPSK	!11670.7	!TR 31	!10600!	22.000 MS/s	!DVB	!H H!	NONE!	87.9dBuV	!12.5dB 25%	<10-8	!1x10-4	! 5 dB	!5/6	!PASS !
! 62!	QPSK	!11685.5	!TR 32	!10600!	22.000 MS/s	!DVB	!V H!	NONE!	88.6dBuV	!13.1dB 22%	<10-8	!5x10-5	! 6 dB	!5/6	!PASS !
! 63!	QPSK	!11719.5	!TR 65	!10600!	27.500 MS/s	!DVB	!H H!	NONE!	88.2dBuV	!12.5dB 25%	<10-8	!8x10-5	! 6 dB	!3/4	!PASS !
! 64!	QPSK	!11739.0	!TR 66	!10600!	27.500 MS/s	!DVB	!V H!	NONE!	88.1dBuV	!11.6dB 28%	<10-8	!2x10-4	! 5 dB	!3/4	!PASS !
! 65!	QPSK	!11758.5	!TR 67	!10600!	27.500 MS/s	!DVB	!H H!	NONE!	88.6dBuV	!12.2dB 25%	<10-8	!1x10-4	! 6 dB	!3/4	!PASS !
! 66!	QPSK	!11778.0	!TR 68	!10600!	27.500 MS/s	!DVB	!V H!	NONE!	89.5dBuV	!12.2dB 25%	<10-8	!1x10-4	! 6 dB	!3/4	!PASS !
! 67!	QPSK	!11797.5	!TR 69	!10600!	27.500 MS/s	!DVB	!H H!	NONE!	88.8dBuV	!12.7dB 25%	<10-8	!8x10-5	! 6 dB	!3/4	!PASS !
! 68!	QPSK	!11817.0	!TR 70	!10600!	27.500 MS/s	!DVB	!V H!	NONE!	87.9dBuV	!10.9dB 31%	<10-8	!1x10-3	! 5 dB	!3/4	!PASS !

!Prg!	Mode	! Freq.	!Prg.Name	!Local!	S.Rate	! Stand.	!Lnb!	Di	Level	!MER - EVM	aBER	bBER	N.MA.	FEC	!QlTY
! !	!	! [MHz]	! !	! Osc !	!	!	!SEqc!	or	!	!	!	!	!	!	!
! !	!	!	! [MHz]	! [MHz]	!	!	!Pol!	!	Power	!	!	!	!	!	!
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----															
! 69!	QPSK	!11836.5	!TR 71	!10600!	27.500 MS/s	!DVB	!H H!	NONE!	88.8dBuV	!11.7dB 28%	<10-8	!2x10-4	! 5 dB	!3/4	!PASS !
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----															
! 70!	QPSK	!11856.0	!TR 72	!10600!	27.500 MS/s	!DVB	!V H!	NONE!	89.2dBuV	!12.4dB 25%	<10-8	!9x10-5	! 6 dB	!3/4	!PASS !
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----															
! 71!	QPSK	!11895.0	!TR 74	!10600!	27.500 MS/s	!DVB	!V H!	NONE!	88.4dBuV	!11.7dB 28%	<10-8	!2x10-4	! 5 dB	!3/4	!PASS !
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----															
! 72!	QPSK	!11914.5	!TS 75	!10600!	27.500 MS/s	!DVB	!H H!	NONE!	89.4dBuV	!----	!----	!----	!----	!----	!----
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----															
! 73!	QPSK	!11934.0	!TR 76	!10600!	27.500 MS/s	!DVB	!V H!	NONE!	89.2dBuV	!12.2dB 25%	<10-8	!1x10-4	! 6 dB	!3/4	!PASS !
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----															
! 74!	QPSK	!11953.5	!TR 77	!10600!	27.500 MS/s	!DVB	!H H!	NONE!	91.3dBuV	!10.4dB 31%	<10-8	!1x10-3	! 4 dB	!3/4	!PASS !
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----															
! 75!	QPSK	!11973.0	!TR 78	!10600!	27.500 MS/s	!DVB	!V H!	NONE!	88.6dBuV	!11.3dB 28%	<10-8	!3x10-4	! 5 dB	!3/4	!PASS !
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----															
! 76!	QPSK	!11992.5	!TR 79	!10600!	27.500 MS/s	!DVB	!H H!	NONE!	93.3dBuV	!11.8dB 28%	<10-8	!2x10-4	! 5 dB	!3/4	!PASS !
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----															
! 77!	QPSK	!12012.0	!TR 80	!10600!	27.500 MS/s	!DVB	!V H!	NONE!	89.7dBuV	!12.0dB 25%	<10-8	!1x10-4	! 6 dB	!3/4	!PASS !
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----															
! 78!	QPSK	!12031.5	!TR 81	!10600!	27.500 MS/s	!DVB	!H H!	NONE!	93.3dBuV	!12.8dB 25%	<10-8	!7x10-5	! 6 dB	!3/4	!PASS !
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----															
! 79!	QPSK	!12051.0	!TR 82	!10600!	27.500 MS/s	!DVB	!V H!	NONE!	88.3dBuV	!11.2dB 28%	<10-8	!4x10-4	! 5 dB	!3/4	!PASS !
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----															
! 80!	QPSK	!12070.5	!TR 83	!10600!	27.500 MS/s	!DVB	!H H!	NONE!	90.8dBuV	!11.8dB 28%	<10-8	!2x10-4	! 5 dB	!3/4	!PASS !
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----															
! 81!	QPSK	!12109.5	!TR 85	!10600!	27.500 MS/s	!DVB	!H H!	NONE!	88.8dBuV	!11.1dB 28%	<10-8	!5x10-4	! 5 dB	!3/4	!PASS !
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----															
! 82!	QPSK	!12129.0	!TR 86	!10600!	27.500 MS/s	!DVB	!V H!	NONE!	87.3dBuV	!11.7dB 28%	<10-8	!2x10-4	! 5 dB	!3/4	!PASS !
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----															
! 83!	QPSK	!12148.5	!TR 87	!10600!	27.500 MS/s	!DVB	!H H!	NONE!	88.4dBuV	!11.8dB 28%	<10-8	!2x10-4	! 5 dB	!3/4	!PASS !
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----															
! 84!	QPSK	!12168.0	!TR 88	!10600!	27.500 MS/s	!DVB	!V H!	NONE!	87.9dBuV	!12.0dB 25%	<10-8	!1x10-4	! 6 dB	!3/4	!PASS !
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----															
! 85!	QPSK	!12187.5	!TR 89	!10600!	27.500 MS/s	!DVB	!H H!	NONE!	86.3dBuV	!10.2dB 31%	<10-8	!2x10-3	! 4 dB	!3/4	!PASS !
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----															
! 86!	QPSK	!12207.0	!TR 90	!10600!	27.500 MS/s	!DVB	!V H!	NONE!	87.4dBuV	!11.3dB 28%	<10-8	!3x10-4	! 5 dB	!3/4	!PASS !
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----															
! 87!	QPSK	!12226.5	!TR 91	!10600!	27.500 MS/s	!DVB	!H H!	NONE!	86.6dBuV	!11.9dB 28%	<10-8	!1x10-4	! 6 dB	!3/4	!PASS !
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----															
! 88!	QPSK	!12246.0	!TR 92	!10600!	27.500 MS/s	!DVB	!V H!	NONE!	87.5dBuV	!10.9dB 31%	<10-8	!1x10-3	! 5 dB	!3/4	!PASS !
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----															
! 89!	QPSK	!12265.5	!TR 93	!10600!	27.500 MS/s	!DVB	!H H!	NONE!	84.3dBuV	!10.3dB 31%	<10-8	!1x10-3	! 4 dB	!3/4	!PASS !
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----															
! 90!	QPSK	!12285.0	!TR 94	!10600!	27.500 MS/s	!DVB	!V H!	NONE!	88.2dBuV	!11.3dB 28%	<10-8	!4x10-4	! 5 dB	!3/4	!PASS !
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----															
! 91!	QPSK	!12304.5	!TR 95	!10600!	27.500 MS/s	!DVB	!H H!	NONE!	86.1dBuV	!11.4dB 28%	<10-8	!3x10-4	! 5 dB	!3/4	!PASS !
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----															
! 92!	QPSK	!12324.0	!TR 96	!10600!	27.500 MS/s	!DVB	!V H!	NONE!	88.3dBuV	!12.0dB 25%	<10-8	!1x10-4	! 6 dB	!3/4	!PASS !
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----															

DATAFILE: Logger2

SOURCE: ASTR19

TEMPERATURE: 25 °C

DATE: NOT AVAILABLE

!Prg!	Mode	! Freq.	!Prg.Name	!Local!	S.Rate	! Stand.	!Ln!	Di	Level	!MER - EVM	! aBER	! bBER	! N.MA.	! FEC	!Q!TY
! !	!	! [MHz]	! !	! Osc !	!	!	! !	!SEqc!	or	!	!	!	!	!	!
! !	!	!	! [MHz]	!	!	!	! Pol!	!	Power	!	!	!	!	!	!
! 93!	QPSK	!12343.5	!TR 97	!10600!	27.500 MS/s	!DVB	!H	H!NONE!	86.4dBuV	!10.6dB 31%	<10-8	!1x10-3	! 4 dB	!3/4	!PASS !
! 94!	QPSK	!12382.5	!TR 99	!10600!	27.500 MS/s	!DVB	!H	H!NONE!	85.9dBuV	!11.2dB 28%	<10-8	!4x10-4	! 5 dB	!3/4	!PASS !
! 95!	QPSK	!12402.0	!TR100	!10600!	27.500 MS/s	!DVB	!V	H!NONE!	88.0dBuV	!11.1dB 28%	<10-8	!3x10-4	! 5 dB	!3/4	!PASS !
! 96!	QPSK	!12421.5	!TR101	!10600!	27.500 MS/s	!DVB	!H	H!NONE!	84.6dBuV	!10.6dB 31%	<10-8	!1x10-3	! 4 dB	!3/4	!PASS !
! 97!	QPSK	!12441.0	!TS102	!10600!	27.500 MS/s	!DVB	!V	H!NONE!	86.4dBuV	!10.1dB 31%	<10-8	!1x10-3	! 4 dB	!3/4	!PASS !
! 98!	QPSK	!12460.5	!TR103	!10600!	27.500 MS/s	!DVB	!H	H!NONE!	85.7dBuV	!10.8dB 31%	<10-8	!1x10-3	! 4 dB	!3/4	!PASS !
! 99!	QPSK	!12480.0	!TR104	!10600!	27.500 MS/s	!DVB	!V	H!NONE!	87.8dBuV	!11.3dB 28%	<10-8	!3x10-4	! 5 dB	!3/4	!PASS !
!100!	QPSK	!12515.2	!TR105	!10600!	22.000 MS/s	!DVB	!H	H!NONE!	86.4dBuV	!10.4dB 31%	<10-8	!1x10-3	! 3 dB	!5/6	!PASS !
!101!	QPSK	!12551.5	!TR108	!10600!	22.000 MS/s	!DVB	!V	H!NONE!	89.5dBuV	!10.9dB 31%	<10-8	!1x10-3	! 3 dB	!5/6	!PASS !
!102!	QPSK	!12574.2	!TR109	!10600!	22.000 MS/s	!DVB	!H	H!NONE!	89.2dBuV	!9.3dB 35%	!8x10-6	!3x10-3	! 2 dB	!5/6	!PASS !
!103!	QPSK	!12581.0	!TR110	!10600!	22.000 MS/s	!DVB	!V	H!NONE!	88.1dBuV	!----	!----	!----	!----	!----	!----
!104!	QPSK	!12610.5	!TR112	!10600!	22.000 MS/s	!DVB	!V	H!NONE!	89.0dBuV	!10.5dB 31%	<10-8	!1x10-3	! 3 dB	!5/6	!PASS !
!105!	QPSK	!12633.2	!TR113	!10600!	22.000 MS/s	!DVB	!H	H!NONE!	88.9dBuV	!9.3dB 35%	!5x10-6	!3x10-3	! 2 dB	!5/6	!PASS !
!106!	QPSK	!12640.0	!TR114	!10600!	22.000 MS/s	!DVB	!V	H!NONE!	87.3dBuV	!8.7dB 39%	!1x10-5	!4x10-3	! 1 dB	!5/6	!PASS !
!107!	QPSK	!12662.7	!TR115	!10600!	22.000 MS/s	!DVB	!H	H!NONE!	87.5dBuV	!11.4dB 28%	<10-8	!4x10-4	! 4 dB	!5/6	!PASS !
!108!	QPSK	!12669.5	!TR116	!10600!	22.000 MS/s	!DVB	!V	H!NONE!	86.8dBuV	!11.0dB 28%	<10-8	!1x10-3	! 4 dB	!5/6	!PASS !
!109!	QPSK	!12692.2	!TR117	!10600!	22.000 MS/s	!DVB	!H	H!NONE!	84.9dBuV	!8.5dB 39%	!1x10-5	!5x10-3	! 1 dB	!5/6	!MARG !

