



FCC RADIO TEST REPORT

FCC ID : GKRRMLN1T
Equipment : 5G LGA Module
Brand Name : COMPAL
Model Name : RML-N1t
Marketing Name : 5G LGA Module
Applicant : Compal Electronics, Inc.
No.581 & 581-1, Ruiguang Rd., Neihu District,
Taipei, (114) Taiwan
Manufacturer : Compal Electronics, Inc.
No.581 & 581-1, Ruiguang Rd., Neihu District,
Taipei, (114) Taiwan
Standard : FCC 47 CFR Part 2, 24(E), 27D

The product was received on Mar. 01, 2024 and testing was performed from Mar. 14, 2024 to Apr. 08, 2024. We, Sporton International Inc. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI / TIA-603-E and has been in compliance with the applicable technical standards.

The test results in this variant report apply exclusively to the tested model / sample. Without written approval from Sporton International Inc. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Approved by: Louis Wu

Sporton International Inc. EMC & Wireless Communications Laboratory

No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)



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History of this test report

Report No.	Version	Description	Issue Date
FG422012B	01	Initial issue of report	Apr. 19, 2024



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.2	§2.1046	Conducted Output Power	Reporting only	-
	§27.50 (c)(10)	Effective Radiated Power (n71)	Pass	
	§24.232 (c) §27.50 (h)(2)	Equivalent Isotropic Radiated Power (n25) (n41)		
	§27.50 (d)(4)	Equivalent Isotropic Radiated Power (n66)		
	§27.50 (j)(3)	Equivalent Isotropic Radiated Power (n77)		
	§27.50 (k)(3)	Equivalent Isotropic Radiated Power (n77)		
-	§24.232 (d) §27.50 (d)(5) §27.50 (j)(4) §27.50 (k)(4)	Peak-to-Average Ratio	Not Required	-
-	§2.1049	Occupied Bandwidth	Reporting only	-
-	§2.1051 §24.238 (a) §27.53 (g) §27.53 (h)	Conducted Band Edge Measurement (n25) (n66) (n71)	Not Required	-
	§2.1051 §27.53 (m)(4)	Conducted Band Edge Measurement (n41)		
	§2.1051 §27.53 (l)(2)	Conducted Band Edge Measurement (n77)		
	§2.1051 §27.53 (n)(2)	Conducted Band Edge Measurement (n77)		



Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
-	§2.1051 §24.238 (a) §27.53 (g) §27.53 (h)	Conducted Spurious Emission (n25) (n66) (n71)	Not Required	-
	§2.1051 §27.53 (m)(4)	Conducted Spurious Emission (n41)		
	§2.1051 §27.53 (l)(2)	Conducted Spurious Emission (n77) (n78)		
	§2.1051 §27.53 (n)(2)	Conducted Spurious Emission (n77)		
-	§2.1055 §24.235 §27.54	Frequency Stability Temperature & Voltage	Not Required	-
4.2	§2.1053 §24.238 (a) §27.53 (g) §27.53 (h)	Radiated Spurious Emission (n25) (n66) (n71)	Pass	10.21 dB under the limit at 15270.00 MHz
	§2.1051 §27.53 (m)(4)	Radiated Spurious Emission (n41)		
	§2.1051 §27.53 (l)(2)	Radiated Spurious Emission (n77)		
	§2.1053 §27.53 (n)(2)	Radiated Spurious Emission (n77)		

Remark:

- Not required means after assessing, test items are not necessary to carry out.
- This is a variant report by changing module trace design. All the test cases were performed on original report which can be referred to Sporton Report Number FG2N2510-01B, FG2N2510-01G and FG2N2510-01H. Based on the original report, only worst case was verified.

Conformity Assessment Condition:

- The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
- The measurement uncertainty please refer to each test result in the section "Measurement Uncertainty".

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Keven Cheng

Report Producer: Clio Lo



1 General Description

1.1 Product Feature of Equipment Under Test

LTE/5G NR and GNSS

Support band and evaluated information	
Supported band	n25 , n41, n66, n71 ,n77
Evaluated and Tested band	n25 , n41, n66, n71 ,n77

FDD/TDD band Power Class		
	PC3	PC2
N25	V	
N41	V	V
N66	V	
N71	V	
N77	V	V

RF Exposure									
Max Antenna Gain information(dBi)									
Band	Ant0	Ant1	Ant2	Ant3	Ant4	Ant5	Ant6	Main Ant. #	SRS Ant. #
N25			8		8			2	
N41		6.8	6.8	6.8	6.8			2,4	1,3
N66			5		5			2	
N71	5								
N77			2.2		2.2	2.2	2.2	5,6	2,4

Remark: The above EUT's information was declared by manufacturer. Please refer to Disclaimer in report summary.

1.2 Modification of EUT

No modifications made to the EUT during the testing.



1.3 Testing Location

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory	
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978	
Test Site No.	Sporton Site No.	
	TH03-HY	03CH07-HY
Test Engineer	Kelvin Lu	Jesse Wang, Stan Hsieh and Ken Wu
Temperature (°C)	20.3~22.7	19.8~24.5
Relative Humidity (%)	51.4~52.8	52.7~63.4

Note: The test site complies with ANSI C63.4 2014 requirement.

Test Site	Sporton International Inc. Wensan Laboratory	
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855	
Test Site No.	Sporton Site No.	
	03CH12-HY (TAF Code: 3786)	
Test Engineer	Jesse Fan, Tim Lee and Wilson Wu	
Temperature (°C)	20~25	
Relative Humidity (%)	50~60	
Remark	The Radiated Spurious Emission test item subcontracted to Sporton International Inc. Wensan Laboratory.	

Note: The test site complies with ANSI C63.4 2014 requirement.

FCC Designation No.: TW1190 and TW3786

1.4 Applicable Standards

According to the specifications declared by the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ ANSI C63.26-2015
- ♦ ANSI / TIA-603-E
- ♦ FCC 47 CFR Part 2, 24(E), 27D
- ♦ FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01
- ♦ FCC KDB 412172 D01 Determining ERP and EIRP v01r01
- ♦ FCC KDB 414788 D01 Radiated Test Site v01r01.

Remark:

1. All the test items were validated and recorded in accordance with the standards without any modification during the testing.
2. The TAF code is not including all the FCC KDB listed without accreditation.



2 Test Configuration of Equipment Under Test

2.1 Test Mode

Antenna port conducted and radiated test items listed below are performed according to KDB 971168 D01 Power Meas. License Digital Systems v03r01 with maximum output power.

For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape), and adjusting the measurement antenna orientation, following C63.26 exploratory test procedures and only the worst case emissions were reported in this report..

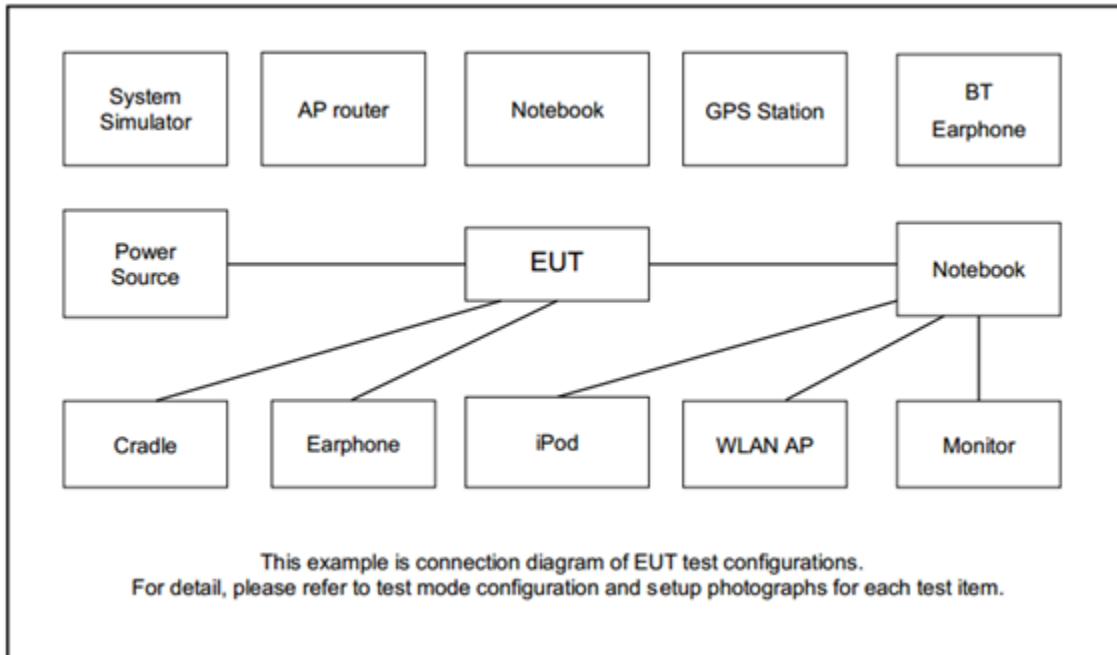
Modulation Type	Modulation	Modulation Type	Modulation
A	DFT-s-OFDM pi/2 BPSK	N/A	N/A
B	DFT-s-OFDM QPSK	F	CP-OFDM QPSK
C	DFT-s-OFDM 16QAM	G	CP-OFDM 16QAM
D	DFT-s-OFDM 64QAM	H	CP-OFDM 64QAM
E	DFT-s-OFDM 256QAM	I	CP-OFDM 256QAM

Test Item	Modulation Type	Bandwidth	RB Size	Channel
Conducted Power	A, B ,F	All	1, Half, Full	L, M, H
EIRP	A, B ,F	All	1, Half, Full	L, M, H
RSE	A, F	Maximum or less	Inner_1RB	L, M, H

Remark:

1. Evaluated all the transmitter signal and reporting worst-case configuration among all modulation types.
2. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst-case emissions are reported.
3. Output Conducted Power was spot checks Original models worse case Modulation

2.2 Connection Diagram of Test System



2.3 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model No.	FCC ID	Data Cable	Power Cord
1.	5G Wireless Test Platform	Anritsu	MT8000A	N/A	N/A	Unshielded, 1.8 m
2.	Fixture	Compal	ZM29	N/A	N/A	N/A
3.	Antenna	Inpaq	ANT0	N/A	N/A	N/A
4.	Antenna	Inpaq	ANT2	N/A	N/A	N/A
5.	Antenna	Inpaq	ANT4	N/A	N/A	N/A



2.4 Frequency List of Low/Middle/High Channels

5G NR n25 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
40	Channel	374000	376500	379000
	Frequency	1870	1882.5	1895
30	Channel	373000	376500	380000
	Frequency	1865	1882.5	1900
25	Channel	372500	376500	380500
	Frequency	1862.5	1882.5	1902.5
20	Channel	372000	376500	381000
	Frequency	1860	1882.5	1905
15	Channel	371500	376500	381500
	Frequency	1857.5	1882.5	1907.5
10	Channel	371000	376500	382000
	Frequency	1855	1882.5	1910
5	Channel	370500	376500	382500
	Frequency	1852.5	1882.5	1912.5



5G NR n41 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
100	Channel	509202	518598	528000
	Frequency	2546.01	2592.99	2640
90	Channel	508200	518598	528996
	Frequency	2541	2592.99	2644.98
80	Channel	507204	518598	529998
	Frequency	2536.02	2592.99	2649.99
70	Channel	506202	518598	531000
	Frequency	2531.01	2592.99	2655
60	Channel	505200	518598	531996
	Frequency	2526	2592.99	2659.98
50	Channel	504204	518598	532998
	Frequency	2521.02	2592.99	2664.99
40	Channel	503202	518598	534000
	Frequency	2516.01	2592.99	2670
30	Channel	502200	518598	534996
	Frequency	2511	2592.99	2674.98
20	Channel	501204	518598	535998
	Frequency	2506.02	2592.99	2679.99
15	Channel	500700	518598	536496
	Frequency	2503.5	2592.99	2682.48
10	Channel	500202	518598	537000
	Frequency	2501.01	2592.99	2685



5G NR n66 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
40	Channel	346000	349000	352000
	Frequency	1730	1745	1760
30	Channel	345000	349000	353000
	Frequency	1725	1745	1765
25	Channel	344500	349000	353500
	Frequency	1722.5	1745	1767.5
20	Channel	344000	349000	354000
	Frequency	1720	1745	1770
15	Channel	343500	349000	354500
	Frequency	1717.5	1745	1772.5
10	Channel	343000	349000	355000
	Frequency	1715	1745	1775
5	Channel	342500	349000	355500
	Frequency	1712.5	1745	1777.5

5G NR n71 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	134600	136100	137600
	Frequency	673	680.5	688
15	Channel	134100	136100	138100
	Frequency	670.5	680.5	690.5
10	Channel	133600	136100	138600
	Frequency	668	680.5	693
5	Channel	133100	136100	139100
	Frequency	665.5	680.5	695.5



5G NR Band n77 (Part270) Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
100	Channel	650000	656000	662000
	Frequency	3750	3840	3930
90	Channel	649668	656000	662332
	Frequency	3745.02	3840	3934.98
80	Channel	649334	656000	662666
	Frequency	3740.01	3840	3939.99
70	Channel	649000	656000	663000
	Frequency	3735	3840	3945
60	Channel	648668	656000	663332
	Frequency	3730.02	3840	3949.98
50	Channel	648334	656000	663666
	Frequency	3725.01	3840	3954.99
40	Channel	648000	656000	664000
	Frequency	3720	3840	3960
30	Channel	647668	656000	664332
	Frequency	3715.02	3840	3965
20	Channel	647334	656000	664666
	Frequency	3710.01	3840	3969.99
15	Channel	647168	656000	664832
	Frequency	3707.52	3840	3972.48
10	Channel	647000	656000	665000
	Frequency	3705	3840	3975



5G NR Band n77 (Part27Q) Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
100	Channel	-	633334	-
	Frequency	-	3500.01	-
90	Channel	633000	633334	633666
	Frequency	3495	3500.01	3504.99
80	Channel	632668	633334	634000
	Frequency	3490.02	3500.01	3510
70	Channel	632334	633334	634332
	Frequency	3485.01	3500.01	3514.98
60	Channel	632000	633334	634666
	Frequency	3480	3500.01	3519.99
50	Channel	631668	633334	635000
	Frequency	3475.02	3500.01	3525
40	Channel	631334	633334	635332
	Frequency	3470.01	3500.01	3529.98
30	Channel	631000	633334	635666
	Frequency	3465	3500.01	3534.99
20	Channel	630668	633334	636000
	Frequency	3460.02	3500.01	3540
15	Channel	630500	633334	636166
	Frequency	3457.5	3500.01	3542.49
10	Channel	630334	633334	636332
	Frequency	3455.01	3500.01	3544.98

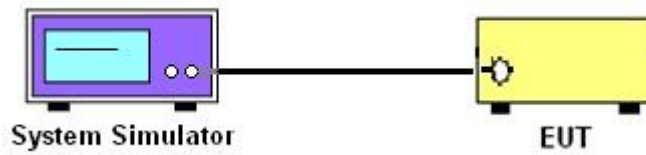
3 Conducted Test Items

3.1 Measuring Instruments

See list of measuring instruments of this test report.

3.1.1 Test Setup

3.1.2 Conducted Output Power



3.1.3 Test Result of Conducted Test

Please refer to Appendix A.



3.2 Conducted Output Power and ERP/EIRP

3.2.1 Description of the Conducted Output Power Measurement and ERP/EIRP Measurement

A system simulator was used to establish communication with the EUT. Its parameters were set to force the EUT transmitting at maximum output power. The measured power in the radio frequency on the transmitter output terminals shall be reported.

The ERP of mobile transmitters must not exceed 3 Watts for 5G NR n71

The EIRP of mobile transmitters must not exceed 2 Watts for 5G NR n25, n41

The EIRP of mobile transmitters must not exceed 1 Watts for 5G NR n66, n77

According to KDB 412172 D01 Power Approach,

$EIRP = P_T + G_T - L_C$, $ERP = EIRP - 2.15$, where

P_T = transmitter output power in dBm

G_T = gain of the transmitting antenna in dBi

L_C = signal attenuation in the connecting cable between the transmitter and antenna in dB

3.2.2 Test Procedures

1. The transmitter output port was connected to the system simulator.
2. Set EUT at maximum power through the system simulator.
3. Select lowest, middle, and highest channels for each band and different modulation.
4. Measure and record the power level from the system simulator.
5. The MIMO mode is completely uncorrelated, so the directional gain is selected the maximum gain among all antennas.

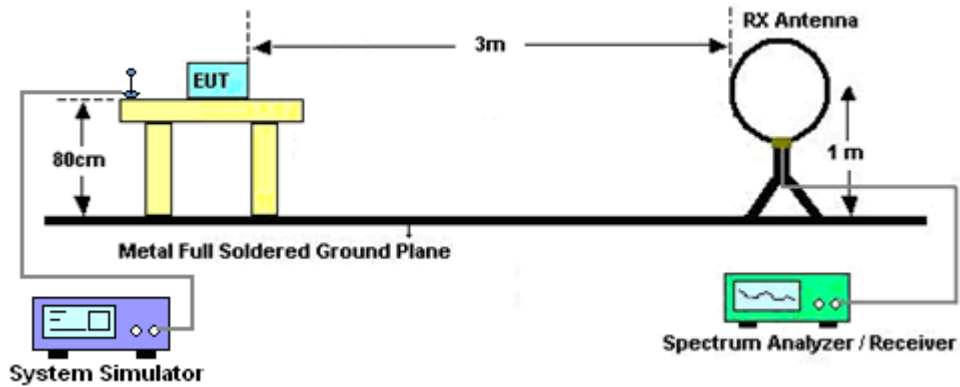
4 Radiated Test Items

4.1 Measuring Instruments

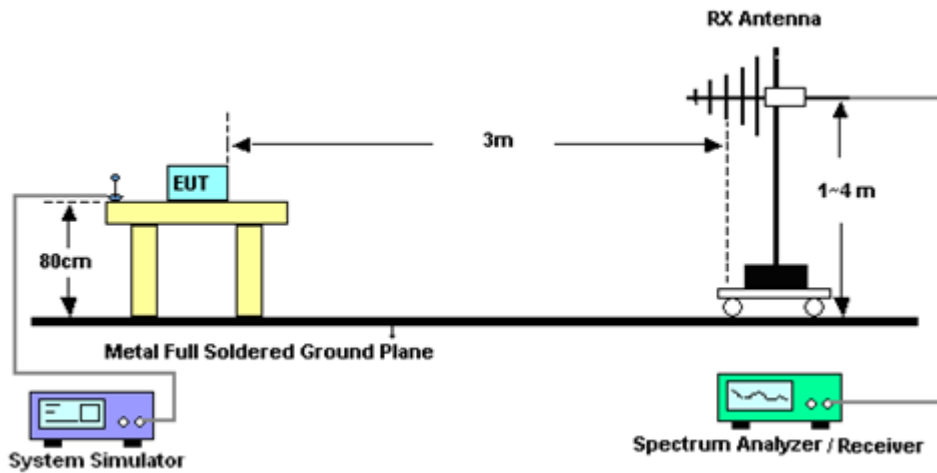
See list of measuring instruments of this test report.

4.1.1 Test Setup

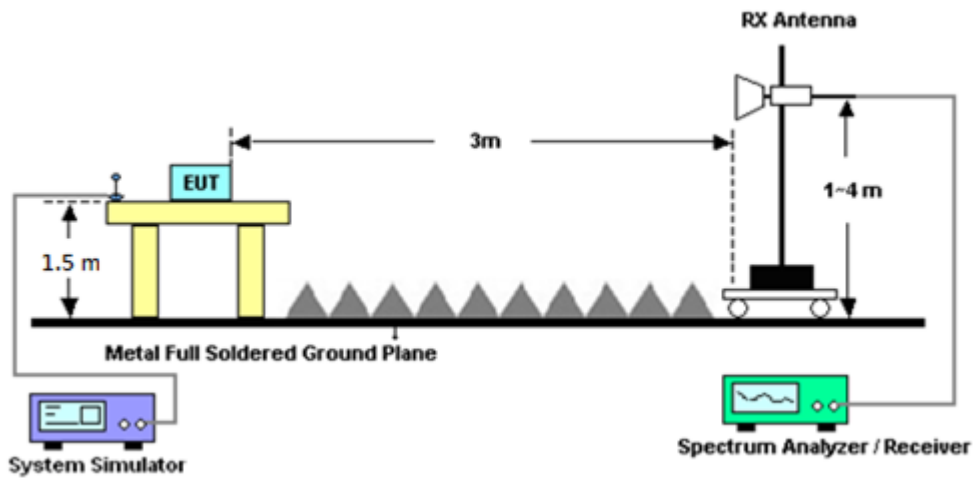
For radiated test below 30MHz



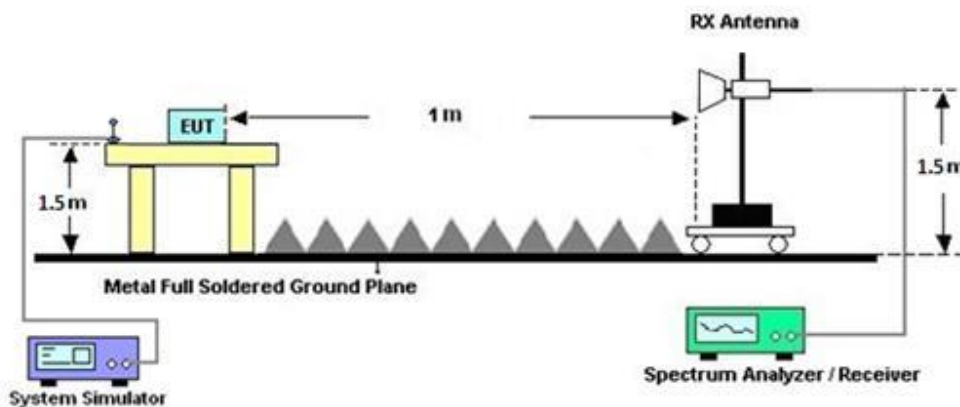
For radiated test from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



4.1.2 Test Result of Radiated Test

Please refer to Appendix B.

Note:

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.

There is adequate comparison measurement of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, and the result came out very similar.



4.2 Radiated Spurious Emission Measurement

4.2.1 Description of Radiated Spurious Emission Measurement

The radiated spurious emission was measured by substitution method according to ANSI / TIA-603-E. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least $43 + 10 \log (P)$ dB

For 5G NR n41

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least $55 + 10 \log (P)$ dB.

The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic.

4.2.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 7 and ANSI C63.26-2015 section 5.5.4 Radiated measurement using the field strength method.

1. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
2. The EUT was set 3 meters from the receiving antenna, which was mounted on the antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest spurious emission.
4. The height of the receiving antenna is varied between one meter and four meters to search the maximum spurious emission for both horizontal and vertical polarizations.
5. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
6. To convert spectrum reading E(dBuV/m) to EIRP(dBm)
$$\text{EIRP(dBm)} = \text{Level (dBuV/m)} + 20\log(d) - 104.77,$$
where d is the distance at which field strength limit is specified in the rules
7. Field Strength Level (dBm) = Spectrum Reading (dBm) + Antenna Factor + Cable Loss + Read Level - Preamp Factor.
8. ERP (dBm) = EIRP (dBm) - 2.15
9. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.



5 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N-06	35419 & 03	30MHz~1GHz	Apr. 23, 2023	Mar. 23, 2024~Mar. 31, 2024	Apr. 22, 2024	Radiation (03CH07-HY)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00075962	1GHz ~ 18GHz	Nov. 27, 2023	Mar. 23, 2024~Mar. 31, 2024	Nov. 26, 2024	Radiation (03CH07-HY)
Preamplifier	COM-POWER	PA-103A	161241	10MHz~1GHz	Oct. 02, 2023	Mar. 23, 2024~Mar. 31, 2024	Oct. 01, 2024	Radiation (03CH07-HY)
Preamplifier	Agilent	8449B	3008A02362	1GHz~26.5GHz	Mar. 23, 2024	Mar. 23, 2024~Mar. 31, 2024	Mar. 22, 2025	Radiation (03CH07-HY)
Preamplifier	EMEC	EM18G40G	0600789	18-40GHz	Jul. 25, 2023	Mar. 23, 2024~Mar. 31, 2024	Jul. 24, 2024	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655/4 MY24971/4 MY15682/4	30MHz to 18GHz	Feb. 21, 2024	Mar. 23, 2024~Mar. 31, 2024	Feb. 20, 2025	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2858/2	18GHz~40GHz	Feb. 21, 2024	Mar. 23, 2024~Mar. 31, 2024	Feb. 20, 2025	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	801606/2	9KHz ~ 40GHz	Apr. 20, 2023	Mar. 23, 2024~Mar. 31, 2024	Apr. 19, 2024	Radiation (03CH07-HY)
Controller	EMEC	EM1000	N/A	Control Ant Mast	N/A	Mar. 23, 2024~Mar. 31, 2024	N/A	Radiation (03CH07-HY)
Controller	MF	MF-7802	N/A	Control Turn table	N/A	Mar. 23, 2024~Mar. 31, 2024	N/A	Radiation (03CH07-HY)
Antenna Mast	EMEC	AM-BS-4500E	N/A	Boresight mast 1M~4M	N/A	Mar. 23, 2024~Mar. 31, 2024	N/A	Radiation (03CH07-HY)
Turn Table	ChainTek	Chaintek 3000	N/A	0~360 Degree	N/A	Mar. 23, 2024~Mar. 31, 2024	N/A	Radiation (03CH07-HY)
Software	Audix	E3	N/A	N/A	N/A	Mar. 23, 2024~Mar. 31, 2024	N/A	Radiation (03CH07-HY)
USB Data Logger	TECPEL	TR-32	HE17XB2495	N/A	Mar. 01, 2024	Mar. 23, 2024~Mar. 31, 2024	Feb. 28, 2025	Radiation (03CH07-HY)
Spectrum Analyzer	Keysight	N9010A	MY54200486	10Hz~44GHz	Oct. 05, 2023	Mar. 23, 2024~Mar. 31, 2024	Oct. 04, 2024	Radiation (03CH07-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170251	18GHz~40GHz	Nov. 24, 2023	Mar. 23, 2024~Mar. 31, 2024	Nov. 23, 2024	Radiation (03CH07-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Feb. 23, 2024	Mar. 26, 2024~ Apr. 08, 2024	Feb. 22, 2025	Radiation (03CH12-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N -06	37059 & 01	30MHz~1GHz	Nov. 03, 2023	Mar. 26, 2024~ Apr. 08, 2024	Nov. 02, 2024	Radiation (03CH12-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-02114	1GHz~18GHz	Jul. 31, 2023	Mar. 26, 2024~ Apr. 08, 2024	Jul. 30, 2024	Radiation (03CH12-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA9170	00993	18GHz~40GHz	Nov. 24, 2023	Mar. 26, 2024~ Apr. 08, 2024	Nov. 23, 2024	Radiation (03CH12-HY)
Preamplifier	COM-POWER	PA-103A	161075	10MHz~1GHz	Mar. 20, 2024	Mar. 26, 2024~ Apr. 08, 2024	Mar. 19, 2025	Radiation (03CH12-HY)
Preamplifier	Agilent	8449B	3008A02375	1GHz~26.5GHz	May 23, 2023	Mar. 26, 2024~ Apr. 08, 2024	May 22, 2024	Radiation (03CH12-HY)
Preamplifier	E-INSTRUME NT TECH LTD.	ERA-100M-18 G-56-01-A70	EC1900249	1GHz-18GHz	Dec. 20, 2023	Mar. 26, 2024~ Apr. 08, 2024	Dec. 19, 2024	Radiation (03CH12-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz~40GHz	Dec. 07, 2023	Mar. 26, 2024~ Apr. 08, 2024	Dec. 06, 2024	Radiation (03CH12-HY)
Spectrum Analyzer	Agilent	N9010A	MY53470118	10Hz~44GHz	Jan. 10, 2024	Mar. 26, 2024~ Apr. 08, 2024	Jan. 09, 2025	Radiation (03CH12-HY)
Filter	Wainwright	WHKX12-900- 1000-15000-6 0SS	SN11	1GHz High Pass Filter	Nov. 02, 2023	Mar. 26, 2024~ Apr. 08, 2024	Nov. 01, 2024	Radiation (03CH12-HY)
Filter	Wainwright	WHKX12-2700 -3000-18000-6 0SS	SN2	3GHz High Pass Filter	Jul. 10, 2023	Mar. 26, 2024~ Apr. 08, 2024	Jul. 09, 2024	Radiation (03CH12-HY)
Filter	Wainwright	WHKX8-5872. 5-6750-18000- 40ST	SN5	6.75GHz High Pass Filter	Mar. 08, 2024	Mar. 26, 2024~ Apr. 08, 2024	Mar. 07, 2025	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9kHz~30MHz	Mar. 06, 2024	Mar. 26, 2024~ Apr. 08, 2024	Mar. 05, 2025	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126E	0058/126E	30MHz~18GHz	Dec. 18, 2023	Mar. 26, 2024~ Apr. 08, 2024	Dec. 17, 2024	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	505134/2	30MHz~40GHz	Dec. 18, 2023	Mar. 26, 2024~ Apr. 08, 2024	Dec. 17, 2024	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803953/2	30MHz~40GHz	Dec. 18, 2023	Mar. 26, 2024~ Apr. 08, 2024	Dec. 17, 2024	Radiation (03CH12-HY)
Hygrometer	TECPEL	DTM-303B	TP210117	N/A	Oct. 19, 2023	Mar. 26, 2024~ Apr. 08, 2024	Oct. 18, 2024	Radiation (03CH12-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	Mar. 26, 2024~ Apr. 08, 2024	N/A	Radiation (03CH12-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	Mar. 26, 2024~ Apr. 08, 2024	N/A	Radiation (03CH12-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Mar. 26, 2024~ Apr. 08, 2024	N/A	Radiation (03CH12-HY)
Software	Audix	E3 6.2009-8-24	RK-000989	N/A	N/A	Mar. 26, 2024~ Apr. 08, 2024	N/A	Radiation (03CH12-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
DC Power Supply	GW Instek	GPE2323	GEU871221	0V~64V ;0A~6A	Apr. 12, 2023	Mar. 14, 2024~ Apr. 01, 2024	Apr. 11, 2024	Conducted (TH03-HY)
Signal Analyzer	Rohde & Schwarz	FSV3044	101544	10Hz~44GHz	Jul. 25, 2023	Mar. 14, 2024~ Apr. 01, 2024	Jul. 24, 2024	Conducted (TH03-HY)
Temperature Chamber	ESPEC	SH-641	92013720	-40°C ~90°C	Sep. 04, 2023	Mar. 14, 2024~ Apr. 01, 2024	Sep. 03, 2024	Conducted (TH03-HY)
Base Station (Measure)	Anritsu	MT8821C	6261849015	LTE	Nov. 17, 2023	Mar. 14, 2024~ Apr. 01, 2024	Nov. 16, 2024	Conducted (TH03-HY)
Base Station (Measure)	Anritsu	MT8000A	6262186342	FR1	Nov. 14, 2023	Mar. 14, 2024~ Apr. 01, 2024	Nov. 13, 2024	Conducted (TH03-HY)
Hygrometer	Testo	DTM-303B	TP210073	NA	Jun. 26, 2023	Mar. 14, 2024~ Apr. 01, 2024	Jun. 25, 2024	Conducted (TH03-HY)



6 Measurement Uncertainty

<03CH07-HY>

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	3.46 dB
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Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	3.33 dB
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Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	3.91 dB
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<03CH12-HY>

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	3.07 dB
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Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	3.63 dB
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Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	4.14 dB
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Appendix A. Test Results of Conducted Test

Conducted Output Power(Average power) and ERP/EIRP

<SISO Mode>

<SCS 15k>

NR n25 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
5	1	1	PI/2 BPSK	23.44	23.56	23.39	31.70	1.4791
5	1	23		23.41	23.52	23.36		
5	12	6		23.57	23.70	23.56		
5	1	0		22.98	23.10	22.88		
5	1	24		22.95	23.07	22.84		
5	25	0		23.01	23.21	23.20		
5	1	1	QPSK	23.38	23.54	23.51		
5	1	23		23.40	23.51	23.44		
5	12	6		23.56	23.69	23.66		
5	1	0		22.45	22.59	22.53		
5	1	24		22.40	22.54	22.40		
5	25	0		22.56	22.67	22.77		
Limit	EIRP < 2W			Result			Pass	

NR n25 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	23.17	23.25	23.22	31.54	1.4256
10	1	50		23.13	23.31	23.16		
10	25	12		23.36	23.43	23.49		
10	1	0		22.74	22.77	22.74		
10	1	51		22.77	22.84	22.68		
10	50	0		22.72	22.84	22.75		
10	1	1	QPSK	23.19	23.22	23.32		
10	1	50		23.13	23.30	23.31		
10	25	12		23.40	23.45	23.54		
10	1	0		22.22	22.28	22.30		
10	1	51		22.25	22.42	22.28		
10	50	0		22.26	22.37	22.44		
Limit	EIRP < 2W			Result			Pass	



NR n25 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	23.12	23.16	22.83	31.60	1.4454
15	1	77		23.17	23.22	22.73		
15	36	18		23.34	23.39	23.48		
15	1	0		22.62	22.63	22.83		
15	1	78		22.69	22.78	22.65		
15	75	0		22.75	22.83	22.81		
15	1	1	QPSK	23.17	23.17	22.90		
15	1	77		23.14	23.28	22.80		
15	36	18		23.30	23.46	23.60		
15	1	0		22.16	22.08	22.36		
15	1	78		22.13	22.40	22.29		
15	75	0		22.26	22.30	22.42		
Limit	EIRP < 2W			Result			Pass	

NR n25 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	23.22	23.20	23.38	31.55	1.4289
20	1	104		23.24	23.33	23.27		
20	50	25		23.24	23.43	23.53		
20	1	0		22.79	22.68	22.90		
20	1	105		22.74	22.89	22.77		
20	100	0		22.73	22.74	22.81		
20	1	1	QPSK	23.27	23.21	23.52		
20	1	104		23.24	23.37	23.40		
20	50	25		23.29	23.45	23.55		
20	1	0		22.21	22.22	22.47		
20	1	105		22.28	22.43	22.39		
20	100	0		22.29	22.21	22.23		
Limit	EIRP < 2W			Result			Pass	



NR n25 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
25	1	1	PI/2 BPSK	22.90	22.81	22.91	31.69	1.4757
25	1	131		22.85	23.01	22.80		
25	64	32		23.40	23.51	23.66		
25	1	0		22.40	22.37	22.48		
25	1	132		22.50	22.60	22.40		
25	128	0		22.73	22.48	22.83		
25	1	1	QPSK	22.82	23.06	23.01		
25	1	131		22.94	23.30	22.96		
25	64	32		23.47	23.57	23.69		
25	1	0		21.85	22.04	22.02		
25	1	132		21.95	22.30	22.01		
25	128	0		22.25	22.01	22.30		
Limit	EIRP < 2W			Result			Pass	

NR n25 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
30	1	1	PI/2 BPSK	23.22	23.13	23.23	31.60	1.4454
30	1	158		23.39	23.34	23.12		
30	80	40		23.38	23.45	23.57		
30	1	0		22.77	22.54	22.80		
30	1	159		22.85	22.84	22.64		
30	160	0		22.93	22.63	23.07		
30	1	1	QPSK	23.17	23.31	23.32		
30	1	158		23.37	23.33	23.28		
30	80	40		23.41	23.44	23.60		
30	1	0		22.25	22.14	22.29		
30	1	159		22.42	22.42	22.23		
30	160	0		22.47	22.14	22.60		
Limit	EIRP < 2W			Result			Pass	



NR n25 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	23.21	23.13	23.34	31.72	1.4859
40	1	214		23.33	23.43	23.25		
40	108	54		23.46	23.39	23.61		
40	1	0		22.75	22.71	22.91		
40	1	215		22.86	22.93	22.81		
40	216	0		23.22	22.52	23.06		
40	1	1	QPSK	23.24	23.20	23.39		
40	1	214		23.48	23.46	23.44		
40	108	54		23.44	23.37	23.72		
40	1	0		22.27	22.16	22.42		
40	1	215		22.48	22.47	22.42		
40	216	0		22.69	22.05	22.58		
Limit	EIRP < 2W			Result			Pass	



NR n41 HPUE Maximum Average Power [dBm] (GT - LC = 6.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	24.97	25.08	25.19	32.56	1.8030
10	1	50		25.19	25.18	25.22		
10	25	12		25.13	25.16	25.45		
10	1	0		19.10	19.38	19.54		
10	1	51		19.27	19.59	19.50		
10	50	0		23.60	23.83	24.06		
10	1	1	QPSK	25.23	25.26	25.76		
10	1	50		25.25	18.44	25.33		
10	25	12		25.13	25.25	25.40		
10	1	0		18.54	18.85	18.95		
10	1	51		18.74	19.00	19.00		
10	50	0		23.19	23.34	23.57		
Limit	EIRP < 2W			Result			Pass	

NR n41 HPUE Maximum Average Power [dBm] (GT - LC = 6.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	25.11	25.04	25.48	32.53	1.7906
15	1	77		25.15	25.33	25.45		
15	36	18		25.27	25.32	25.69		
15	1	0		19.16	19.26	19.56		
15	1	78		19.25	19.55	19.59		
15	75	0		23.68	23.81	24.29		
15	1	1	QPSK	25.34	25.39	25.73		
15	1	77		25.35	25.53	25.73		
15	36	18		25.23	25.38	25.63		
15	1	0		18.64	18.77	19.22		
15	1	78		18.69	19.05	19.17		
15	75	0		23.22	23.38	23.83		
Limit	EIRP < 2W			Result			Pass	



NR n41 HPUE Maximum Average Power [dBm] (GT - LC = 6.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	24.91	25.14	25.54	32.71	1.8664
20	1	104		25.06	25.32	25.48		
20	50	25		25.08	25.27	25.66		
20	1	0		19.08	19.40	19.97		
20	1	105		19.17	19.80	19.80		
20	100	0		23.61	23.85	24.28		
20	1	1	QPSK	25.31	25.29	25.91		
20	1	104		25.09	8.26	25.78		
20	50	25		25.14	25.34	25.75		
20	1	0		18.62	18.91	19.31		
20	1	105		18.72	19.17	19.10		
20	100	0		23.13	23.44	23.83		
Limit	EIRP < 2W			Result			Pass	

NR n41 HPUE Maximum Average Power [dBm] (GT - LC = 6.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
30	1	1	PI/2 BPSK	24.87	25.10	25.60	32.77	1.8923
30	1	158		25.01	25.31	25.44		
30	80	40		25.05	25.27	25.81		
30	1	0		19.03	19.27	19.75		
30	1	159		19.07	19.66	19.59		
30	160	0		23.60	23.76	24.25		
30	1	1	QPSK	25.17	25.02	25.97		
30	1	158		25.13	25.58	25.71		
30	80	40		25.15	25.30	25.89		
30	1	0		18.44	18.91	19.29		
30	1	159		18.56	19.12	19.17		
30	160	0		23.12	23.36	23.80		
Limit	EIRP < 2W			Result			Pass	



NR n41 HPUE Maximum Average Power [dBm] (GT - LC = 6.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	24.91	25.25	25.42	32.57	1.8072
40	1	214		25.01	25.72	25.39		
40	108	54		24.99	25.23	25.73		
40	1	0		19.06	19.30	19.75		
40	1	215		19.15	19.88	19.77		
40	216	0		23.57	23.94	24.15		
40	1	1	QPSK	25.26	25.28	25.77		
40	1	214		25.25	25.51	25.70		
40	108	54		25.06	25.35	25.69		
40	1	0		18.61	18.97	19.15		
40	1	215		18.60	19.25	19.16		
40	216	0		23.06	23.41	23.69		
Limit	EIRP < 2W			Result			Pass	

NR n41 HPUE Maximum Average Power [dBm] (GT - LC = 6.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
50	1	1	PI/2 BPSK	25.01	25.18	25.63	32.63	1.8323
50	1	268		25.04	25.56	25.49		
50	135	67		25.06	25.31	25.76		
50	1	0		19.22	19.51	19.98		
50	1	269		19.36	19.89	19.87		
50	270	0		23.62	23.95	24.36		
50	1	1	QPSK	25.37	25.31	25.83		
50	1	268		25.26	25.64	25.55		
50	135	67		25.20	25.34	25.76		
50	1	0		18.63	18.99	19.33		
50	1	269		18.69	19.28	19.16		
50	270	0		23.19	23.46	23.77		
Limit	EIRP < 2W			Result			Pass	



NR n66 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
5	1	1	PI/2 BPSK	24.31	24.58	24.53	29.75	0.9441
5	1	23		24.44	24.49	24.55		
5	12	6		24.40	24.70	24.65		
5	1	0		23.89	24.06	24.16		
5	1	24		23.94	24.07	24.02		
5	25	0		23.92	24.14	24.12		
5	1	1	QPSK	24.41	24.71	24.75		
5	1	23		24.65	24.64	24.73		
5	12	6		24.52	24.70	24.66		
5	1	0		23.32	23.59	23.74		
5	1	24		23.50	23.67	23.71		
5	25	0		23.45	23.58	23.62		
Limit	EIRP < 1W			Result			Pass	

NR n66 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	24.36	24.53	24.62	29.93	0.9840
10	1	50		24.59	24.46	24.61		
10	25	12		24.68	24.68	24.69		
10	1	0		23.80	24.03	24.09		
10	1	51		24.18	24.07	24.15		
10	50	0		24.08	24.06	24.13		
10	1	1	QPSK	24.60	24.68	24.76		
10	1	50		24.93	24.77	24.92		
10	25	12		24.66	24.67	24.78		
10	1	0		23.54	23.55	23.80		
10	1	51		23.80	23.58	23.77		
10	50	0		23.65	23.51	23.57		
Limit	EIRP < 1W			Result			Pass	



NR n66 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	24.31	24.61	24.45	29.83	0.9616
15	1	77		24.54	24.51	24.53		
15	36	18		24.68	24.73	24.65		
15	1	0		23.79	24.04	23.94		
15	1	78		24.08	24.04	24.03		
15	75	0		24.15	24.16	24.14		
15	1	1	QPSK	24.58	24.83	24.67		
15	1	77		24.78	24.80	24.79		
15	36	18		24.74	24.76	24.71		
15	1	0		23.46	23.68	23.51		
15	1	78		23.76	23.68	23.75		
15	75	0		23.71	23.63	23.64		
Limit	EIRP < 1W			Result			Pass	

NR n66 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	24.39	24.67	24.51	29.98	0.9954
20	1	104		24.61	24.62	24.58		
20	50	25		24.70	24.68	24.66		
20	1	0		23.92	24.15	24.06		
20	1	105		24.22	24.13	24.09		
20	100	0		24.30	24.03	24.12		
20	1	1	QPSK	24.69	24.83	24.86		
20	1	104		24.95	24.98	24.82		
20	50	25		24.68	24.68	24.70		
20	1	0		23.62	23.79	23.76		
20	1	105		23.87	23.91	23.82		
20	100	0		23.76	23.53	23.61		
Limit	EIRP < 1W			Result			Pass	



NR n66 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
25	1	1	PI/2 BPSK	23.98	24.11	23.96	29.69	0.9311
25	1	131		24.15	24.08	23.99		
25	64	32		24.65	24.67	24.63		
25	1	0		23.47	23.56	23.49		
25	1	132		23.62	23.61	23.55		
25	128	0		24.05	23.69	24.00		
25	1	1	QPSK	24.10	24.17	24.17		
25	1	131		24.13	24.29	24.25		
25	64	32		24.63	24.69	24.63		
25	1	0		23.00	23.11	23.10		
25	1	132		23.15	23.30	23.19		
25	128	0		23.59	23.27	23.51		
Limit	EIRP < 1W			Result			Pass	

NR n66 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
30	1	1	PI/2 BPSK	24.54	24.66	24.60	29.90	0.9772
30	1	158		24.72	24.51	24.58		
30	80	40		24.81	24.79	24.79		
30	1	0		24.01	24.18	24.11		
30	1	159		24.23	24.01	24.12		
30	160	0		24.40	24.11	24.30		
30	1	1	QPSK	24.86	24.84	24.87		
30	1	158		24.83	24.84	24.90		
30	80	40		24.82	24.78	24.78		
30	1	0		23.75	23.73	23.75		
30	1	159		23.73	23.70	23.83		
30	160	0		23.91	23.57	23.82		
Limit	EIRP < 1W			Result			Pass	



NR n66 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	24.52	24.68	24.64	29.98	0.9954
40	1	214		24.64	24.68	24.60		
40	108	54		24.67	24.65	24.68		
40	1	0		24.13	24.15	24.14		
40	1	215		24.23	24.26	24.16		
40	216	0		24.41	23.91	24.33		
40	1	1	QPSK	24.84	24.98	24.82		
40	1	214		24.90	24.97	24.97		
40	108	54		24.75	24.69	24.68		
40	1	0		23.75	23.47	23.77		
40	1	215		23.91	23.91	23.93		
40	216	0		23.91	23.37	23.94		
Limit	EIRP < 1W			Result			Pass	



NR n71 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
5	1	1	PI/2 BPSK	24.03	24.32	24.29	27.40	0.5495
5	1	23		24.18	24.27	24.25		
5	12	6		24.23	24.38	24.40		
5	1	0		23.52	23.79	23.84		
5	1	24		23.65	23.87	23.69		
5	25	0		23.85	23.90	23.89		
5	1	1	QPSK	24.55	24.38	24.52		
5	1	23		24.22	24.28	24.26		
5	12	6		24.22	24.36	24.42		
5	1	0		23.43	23.29	23.49		
5	1	24		23.09	23.24	23.18		
5	25	0		23.26	23.35	23.34		
Limit	ERP < 3W			Result			Pass	

NR n71 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
10	1	1	PI/2 BPSK	23.95	24.19	24.23	27.41	0.5508
10	1	50		24.27	24.35	24.22		
10	25	12		24.15	24.38	24.45		
10	1	0		23.50	23.62	23.74		
10	1	51		23.78	23.90	23.76		
10	50	0		23.97	24.03	23.70		
10	1	1	QPSK	24.56	24.49	24.39		
10	1	50		24.53	24.29	24.32		
10	25	12		24.21	24.35	24.41		
10	1	0		23.36	23.40	23.31		
10	1	51		23.56	23.35	23.24		
10	50	0		23.49	23.52	23.28		
Limit	ERP < 3W			Result			Pass	



NR n71 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
15	1	1	PI/2 BPSK	23.95	24.02	24.23	27.36	0.5445
15	1	77		24.22	24.40	24.21		
15	36	18		24.21	24.32	24.43		
15	1	0		23.48	23.64	23.75		
15	1	78		23.74	23.79	23.77		
15	75	0		23.62	24.06	23.78		
15	1	1	QPSK	24.41	24.51	24.27		
15	1	77		24.47	24.39	24.38		
15	36	18		24.25	24.39	24.46		
15	1	0		23.27	23.44	23.22		
15	1	78		23.34	23.37	23.25		
15	75	0		23.21	23.53	23.78		
Limit	ERP < 3W			Result			Pass	

NR n71 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
20	1	1	PI/2 BPSK	24.04	24.25	24.33	27.43	0.5534
20	1	104		24.38	24.51	24.34		
20	50	25		24.21	24.42	24.44		
20	1	0		23.59	23.76	23.88		
20	1	105		23.95	24.03	23.86		
20	100	0		23.33	24.27	23.68		
20	1	1	QPSK	24.51	24.53	24.56		
20	1	104		24.42	24.58	24.55		
20	50	25		24.20	24.44	24.41		
20	1	0		23.40	23.49	23.48		
20	1	105		23.40	23.73	23.39		
20	100	0		22.88	23.82	23.29		
Limit	ERP < 3W			Result			Pass	



Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 2.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	27.39	27.24	27.27	29.71	0.9354
10	1	50		27.34	27.24	27.35		
10	25	12		27.51	27.29	27.44		
10	1	0		21.47	21.29	21.32		
10	1	51		21.59	21.34	21.40		
10	50	0		25.96	25.72	26.00		
10	1	1	QPSK	27.51	27.38	27.36		
10	1	50		27.47	27.37	27.49		
10	25	12		27.51	27.28	27.36		
10	1	0		20.91	20.85	20.94		
10	1	51		21.18	20.94	21.24		
10	50	0		25.50	25.38	25.45		
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 2.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	27.27	27.33	27.22	29.78	0.9506
15	1	77		27.51	27.05	27.31		
15	36	18		27.58	27.29	27.51		
15	1	0		21.49	21.28	21.23		
15	1	78		21.72	21.22	21.58		
15	75	0		26.08	25.81	26.06		
15	1	1	QPSK	27.51	27.44	27.55		
15	1	77		27.58	27.27	27.56		
15	36	18		27.55	27.34	27.45		
15	1	0		21.01	20.88	20.89		
15	1	78		21.14	20.89	21.07		
15	75	0		25.50	25.33	25.56		
Limit	EIRP < 1W			Result			Pass	



Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 2.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	27.47	27.11	27.13	29.99	0.9977
20	1	104		27.56	27.24	27.34		
20	50	25		27.49	27.27	27.28		
20	1	0		21.57	21.17	21.43		
20	1	105		21.64	21.33	21.60		
20	100	0		25.98	25.77	25.94		
20	1	1	QPSK	27.45	27.26	27.48		
20	1	104		27.79	27.33	27.50		
20	50	25		27.39	27.30	27.31		
20	1	0		21.17	20.97	20.92		
20	1	105		21.18	20.92	21.17		
20	100	0		25.47	25.29	25.47		
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 2.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
25	1	1	PI/2 BPSK	26.67	26.59	26.55	29.68	0.9290
25	1	131		26.71	26.62	26.74		
25	64	32		27.48	27.22	27.42		
25	1	0		20.87	20.55	20.62		
25	1	132		20.57	20.53	20.85		
25	128	0		25.79	25.53	25.61		
25	1	1	QPSK	26.80	26.64	26.70		
25	1	131		26.81	26.82	26.86		
25	64	32		27.32	27.41	27.35		
25	1	0		20.39	20.14	20.14		
25	1	132		20.27	20.17	20.26		
25	128	0		25.17	25.11	25.26		
Limit	EIRP < 1W			Result			Pass	



Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 2.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
30	1	1	PI/2 BPSK	27.40	27.15	27.19	29.83	0.9616
30	1	158		27.50	27.26	27.24		
30	80	40		27.61	27.42	27.49		
30	1	0		21.38	21.40	21.48		
30	1	159		21.55	21.19	21.38		
30	160	0		26.25	25.81	26.00		
30	1	1	QPSK	27.61	27.36	27.37		
30	1	158		27.59	27.40	27.31		
30	80	40		27.63	27.53	27.49		
30	1	0		21.01	20.81	20.91		
30	1	159		21.16	20.84	21.17		
30	160	0		25.58	25.43	25.46		
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 2.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	27.54	27.34	27.36	29.93	0.9840
40	1	214		27.49	27.28	27.57		
40	108	54		27.70	27.42	27.37		
40	1	0		21.62	21.59	21.56		
40	1	215		21.65	21.43	21.69		
40	216	0		26.13	25.83	25.77		
40	1	1	QPSK	27.49	27.23	27.25		
40	1	214		27.46	27.40	27.50		
40	108	54		27.73	27.39	27.39		
40	1	0		21.33	20.88	21.07		
40	1	215		21.14	21.03	21.30		
40	216	0		25.47	25.39	25.38		
Limit	EIRP < 1W			Result			Pass	



Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 2.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
50	1	1	PI/2 BPSK	27.28	27.29	27.40	29.85	0.9661
50	1	268		27.59	27.31	27.26		
50	135	67		27.54	27.37	27.41		
50	1	0		21.42	21.33	21.63		
50	1	269		21.65	21.41	21.68		
50	270	0		26.18	25.95	25.99		
50	1	1	QPSK	27.38	27.41	27.34		
50	1	268		27.65	27.53	27.51		
50	135	67		27.58	27.32	27.35		
50	1	0		20.99	20.89	21.11		
50	1	269		21.19	21.09	21.03		
50	270	0		25.60	25.43	25.39		
Limit	EIRP < 1W			Result			Pass	



Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 2.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	27.04	27.36	27.45	29.78	0.9506
10	1	50		27.11	27.19	27.51		
10	25	12		27.08	27.34	27.58		
10	1	0		21.11	21.50	21.53		
10	1	51		21.16	21.44	21.67		
10	50	0		25.71	25.93	26.13		
10	1	1	QPSK	27.29	27.53	27.49		
10	1	50		27.41	27.50	27.56		
10	25	12		27.32	27.45	27.48		
10	1	0		20.86	21.08	21.09		
10	1	51		20.90	20.98	21.22		
10	50	0		25.34	25.47	25.61		
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 2.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	27.11	27.40	27.38	29.84	0.9638
15	1	77		27.11	27.22	27.36		
15	36	18		27.35	27.49	27.60		
15	1	0		21.32	21.49	21.47		
15	1	78		21.30	21.47	21.58		
15	75	0		25.79	25.99	26.04		
15	1	1	QPSK	27.45	27.64	27.49		
15	1	77		27.58	27.56	27.62		
15	36	18		27.40	27.45	27.59		
15	1	0		20.85	21.13	20.94		
15	1	78		20.95	20.91	20.98		
15	75	0		25.38	25.37	25.58		
Limit	EIRP < 1W			Result			Pass	



Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 2.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	27.36	27.40	27.12	29.96	0.9908
20	1	104		27.37	27.24	27.57		
20	50	25		27.26	27.59	27.31		
20	1	0		21.42	21.60	21.46		
20	1	105		21.68	21.32	21.70		
20	100	0		25.89	25.98	26.03		
20	1	1	QPSK	27.41	27.47	27.44		
20	1	104		27.51	27.44	27.76		
20	50	25		27.34	27.44	27.60		
20	1	0		21.00	21.11	20.93		
20	1	105		21.01	20.98	21.26		
20	100	0		25.52	25.47	25.46		
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 2.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
25	1	1	PI/2 BPSK	26.91	27.05	26.86	29.96	0.9908
25	1	131		27.20	26.86	27.19		
25	64	32		27.75	27.75	27.68		
25	1	0		21.08	21.06	20.88		
25	1	132		21.15	20.96	21.28		
25	128	0		25.89	25.93	26.04		
25	1	1	QPSK	26.98	27.14	26.84		
25	1	131		27.26	27.13	27.03		
25	64	32		27.72	27.72	27.76		
25	1	0		20.50	20.67	20.26		
25	1	132		20.61	20.51	20.72		
25	128	0		25.36	25.58	25.36		
Limit	EIRP < 1W			Result			Pass	



Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 2.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
30	1	1	PI/2 BPSK	27.06	27.33	27.27	29.81	0.9572
30	1	158		27.53	27.24	27.52		
30	80	40		27.35	27.47	27.59		
30	1	0		21.37	21.44	21.34		
30	1	159		21.56	21.34	21.73		
30	160	0		25.84	25.73	26.11		
30	1	1	QPSK	27.38	27.41	27.52		
30	1	158		27.54	27.39	27.59		
30	80	40		27.30	27.53	27.61		
30	1	0		20.98	21.07	20.84		
30	1	159		20.87	20.77	21.08		
30	160	0		25.39	25.44	25.55		
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 2.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	27.29	27.40	27.18	29.97	0.9931
40	1	214		27.57	27.21	27.53		
40	108	54		27.37	27.45	27.37		
40	1	0		21.43	21.60	21.38		
40	1	215		21.73	21.37	21.75		
40	216	0		25.85	25.96	26.00		
40	1	1	QPSK	27.43	27.48	27.40		
40	1	214		27.77	27.31	27.57		
40	108	54		27.43	27.54	27.36		
40	1	0		20.89	20.95	20.90		
40	1	215		21.13	20.80	21.17		
40	216	0		25.30	25.47	25.36		
Limit	EIRP < 1W			Result			Pass	



Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 2.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
50	1	1	PI/2 BPSK	27.21	27.32	27.26	29.94	0.9863
50	1	268		27.35	27.60	27.52		
50	135	67		27.40	27.51	27.29		
50	1	0		21.54	21.30	21.49		
50	1	269		21.78	21.58	21.70		
50	270	0		25.97	25.82	25.82		
50	1	1	QPSK	27.29	27.46	27.43		
50	1	268		27.74	27.58	27.60		
50	135	67		27.41	27.56	27.17		
50	1	0		20.98	21.02	21.09		
50	1	269		21.04	20.95	21.12		
50	270	0		25.40	25.60	25.29		
Limit	EIRP < 1W			Result			Pass	



<SCS 30k>

NR n25 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	23.26	23.25	23.21	31.38	1.3740
10	1	22		23.14	23.14	23.00		
10	12	6		23.30	23.33	23.28		
10	1	0		22.75	22.75	22.78		
10	1	23		22.60	22.72	22.51		
10	24	0		22.71	22.82	22.66		
10	1	1	QPSK	23.16	23.08	23.09		
10	1	22		23.03	23.09	22.87		
10	12	6		23.34	23.38	23.24		
10	1	0		22.16	22.18	22.16		
10	1	23		22.11	22.22	21.95		
10	24	0		22.21	22.27	22.31		
Limit	EIRP < 2W			Result			Pass	

NR n25 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	23.20	23.12	23.29	31.43	1.3900
15	1	36		23.06	23.14	23.02		
15	18	9		23.24	23.35	23.38		
15	1	0		22.69	22.67	22.77		
15	1	37		22.55	22.69	22.56		
15	36	0		22.69	22.79	22.69		
15	1	1	QPSK	23.12	23.05	23.13		
15	1	36		23.08	23.08	23.10		
15	18	9		23.28	23.39	23.43		
15	1	0		22.16	22.16	22.19		
15	1	37		22.10	22.10	21.90		
15	36	0		22.24	22.27	22.32		
Limit	EIRP < 2W			Result			Pass	



NR n25 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	23.16	23.16	23.32	31.47	1.4028
20	1	49		23.08	23.22	23.15		
20	25	12		23.24	23.41	23.47		
20	1	0		22.71	22.70	22.84		
20	1	50		22.62	22.71	22.62		
20	50	0		22.62	22.66	22.69		
20	1	1	QPSK	23.12	23.14	23.33		
20	1	49		23.06	23.24	23.21		
20	25	12		23.32	23.39	23.45		
20	1	0		22.16	22.13	22.35		
20	1	50		22.04	22.25	22.18		
20	50	0		22.17	22.16	22.21		
Limit	EIRP < 2W			Result			Pass	

NR n25 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
25	1	1	PI/2 BPSK	22.62	22.66	22.69	31.42	1.3868
25	1	63		22.65	22.71	22.46		
25	32	16		23.05	23.26	23.36		
25	1	0		22.19	22.14	22.18		
25	1	64		22.18	22.23	22.02		
25	64	0		22.41	22.11	22.40		
25	1	1	QPSK	22.58	22.55	22.61		
25	1	63		22.52	22.62	22.42		
25	32	16		22.08	23.25	23.42		
25	1	0		21.67	21.67	21.69		
25	1	64		21.70	21.71	21.52		
25	64	0		21.90	21.72	21.99		
Limit	EIRP < 2W			Result			Pass	



NR n25 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
30	1	1	PI/2 BPSK	23.22	23.08	23.23	31.43	1.3900
30	1	76		23.41	23.28	23.09		
30	36	18		23.34	23.36	23.43		
30	1	0		22.69	22.58	22.79		
30	1	77		22.88	22.78	22.58		
30	75	0		22.86	22.71	22.93		
30	1	1	QPSK	23.13	23.07	23.32		
30	1	76		23.29	23.12	23.41		
30	36	18		23.38	23.29	23.41		
30	1	0		22.12	22.01	22.38		
30	1	77		22.35	22.16	22.38		
30	75	0		22.36	22.13	22.48		
Limit	EIRP < 2W			Result			Pass	

NR n25 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	23.24	23.08	23.26	31.63	1.4555
40	1	104		23.29	23.36	23.22		
40	50	25		23.29	23.34	23.52		
40	1	0		22.73	22.61	22.90		
40	1	105		22.91	22.96	22.74		
40	100	0		23.11	22.54	23.16		
40	1	1	QPSK	23.12	23.04	23.23		
40	1	104		23.28	23.38	23.16		
40	50	25		23.39	23.33	23.63		
40	1	0		22.15	22.11	22.39		
40	1	105		22.29	22.38	22.34		
40	100	0		22.78	21.99	22.76		
Limit	EIRP < 2W			Result			Pass	



NR n41 HPUE Maximum Average Power [dBm] (GT - LC = 6.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	25.30	25.53	25.62	32.8	1.9055
10	1	22		25.42	25.64	25.58		
10	12	6		25.60	25.71	25.80		
10	1	0		19.52	19.81	19.86		
10	1	23		19.59	19.93	19.81		
10	24	0		23.98	24.44	24.44		
10	1	1	QPSK	25.44	25.66	26.00		
10	1	22		25.60	25.82	25.08		
10	12	6		25.56	25.81	25.94		
10	1	0		18.95	19.33	19.37		
10	1	23		19.07	19.39	19.23		
10	24	0		23.57	23.91	23.93		
Limit	EIRP < 2W			Result			Pass	

NR n41 HPUE Maximum Average Power [dBm] (GT - LC = 6.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	24.89	25.55	25.90	32.95	1.9724
15	1	36		25.27	25.67	25.63		
15	18	9		25.62	25.81	26.09		
15	1	0		19.02	19.73	20.08		
15	1	37		19.16	19.77	20.00		
15	36	0		24.12	24.39	24.72		
15	1	1	QPSK	25.05	25.64	26.15		
15	1	36		25.39	25.72	26.10		
15	18	9		25.70	25.85	26.12		
15	1	0		18.57	19.31	19.61		
15	1	37		18.58	19.45	19.44		
15	36	0		23.66	23.92	24.17		
Limit	EIRP < 2W			Result			Pass	



NR n41 HPUE Maximum Average Power [dBm] (GT - LC = 6.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	25.29	25.56	25.88	32.95	1.9724
20	1	49		25.44	25.65	25.65		
20	25	12		25.53	25.84	26.06		
20	1	0		19.44	19.83	20.07		
20	1	50		19.50	20.04	19.92		
20	50	0		24.05	24.40	24.59		
20	1	1	QPSK	25.49	25.58	26.15		
20	1	49		25.46	25.83	25.86		
20	25	12		25.59	25.80	26.15		
20	1	0		18.90	19.34	19.59		
20	1	50		18.99	19.46	19.45		
20	50	0		23.54	23.86	24.17		
Limit	EIRP < 2W			Result			Pass	

NR n41 HPUE Maximum Average Power [dBm] (GT - LC = 6.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
30	1	1	PI/2 BPSK	25.31	25.56	25.99	32.98	1.9861
30	1	76		25.50	25.78	25.72		
30	36	18		25.59	25.79	26.18		
30	1	0		19.42	19.72	20.21		
30	1	77		19.57	20.05	20.02		
30	75	0		24.09	24.42	24.63		
30	1	1	QPSK	25.37	25.63	26.16		
30	1	76		25.44	25.92	26.17		
30	36	18		25.60	25.79	26.17		
30	1	0		18.86	19.26	19.64		
30	1	77		19.05	19.54	19.44		
30	75	0		23.58	23.90	24.26		
Limit	EIRP < 2W			Result			Pass	



NR n41 HPUE Maximum Average Power [dBm] (GT - LC = 6.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	25.29	25.57	25.91	32.97	1.9815
40	1	104		25.46	25.88	25.76		
40	50	25		25.50	25.71	26.09		
40	1	0		19.46	19.84	20.11		
40	1	105		19.59	20.19	20.09		
40	100	0		23.98	24.40	24.56		
40	1	1	QPSK	25.48	25.82	25.87		
40	1	104		25.52	26.01	25.70		
40	50	25		25.51	25.72	26.17		
40	1	0		18.92	19.32	19.58		
40	1	105		19.06	19.67	19.50		
40	100	0		23.53	23.89	24.11		
Limit	EIRP < 2W			Result			Pass	

NR n41 HPUE Maximum Average Power [dBm] (GT - LC = 6.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
50	1	1	PI/2 BPSK	25.39	25.62	25.89	32.98	1.9861
50	1	131		25.60	25.96	25.78		
50	64	32		25.60	25.88	26.18		
50	1	0		19.59	19.83	20.18		
50	1	132		19.69	20.18	20.04		
50	128	0		24.09	24.43	24.63		
50	1	1	QPSK	25.62	25.52	26.08		
50	1	131		25.58	25.90	25.71		
50	64	32		25.63	25.87	26.17		
50	1	0		19.08	19.36	19.70		
50	1	132		19.17	19.69	19.56		
50	128	0		23.63	23.97	24.21		
Limit	EIRP < 2W			Result			Pass	



NR n41 HPUE Maximum Average Power [dBm] (GT - LC = 6.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
60	1	1	PI/2 BPSK	25.16	25.57	25.66	32.89	1.9454
60	1	160		25.63	25.84	25.62		
60	81	40		25.47	25.83	26.04		
60	1	0		19.29	19.71	19.91		
60	1	161		19.63	20.01	19.92		
60	162	0		23.95	24.41	24.55		
60	1	1	QPSK	25.23	25.64	25.66		
60	1	160		25.64	25.95	26.01		
60	81	40		25.56	25.86	26.09		
60	1	0		18.69	19.14	19.27		
60	1	161		19.09	19.57	19.24		
60	162	0		23.50	23.91	24.04		
Limit	EIRP < 2W			Result			Pass	

NR n41 HPUE Maximum Average Power [dBm] (GT - LC = 6.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
70	1	1	PI/2 BPSK	25.22	25.40	25.66	32.84	1.9231
70	1	187		25.50	25.80	25.62		
70	90	45		25.59	25.79	26.03		
70	1	0		19.36	19.65	19.86		
70	1	188		19.52	20.07	20.01		
70	180	0		24.02	24.42	24.55		
70	1	1	QPSK	25.33	25.47	25.52		
70	1	187		25.48	25.83	25.79		
70	90	45		25.57	25.88	26.04		
70	1	0		18.85	19.17	19.32		
70	1	188		19.16	19.43	19.42		
70	180	0		23.56	23.96	24.12		
Limit	EIRP < 2W			Result			Pass	



NR n41 HPUE Maximum Average Power [dBm] (GT - LC = 6.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
80	1	1	PI/2 BPSK	25.18	25.29	25.64	32.97	1.9815
80	1	215		25.61	25.70	25.59		
80	108	54		25.50	25.80	26.17		
80	1	0		19.30	19.54	19.87		
80	1	216		19.69	20.02	19.98		
80	216	0		24.01	24.44	24.60		
80	1	1	QPSK	25.37	25.49	25.70		
80	1	215		25.44	25.90	25.85		
80	108	54		25.53	25.84	26.17		
80	1	0		18.75	19.09	19.33		
80	1	216		19.22	19.44	19.50		
80	216	0		23.55	23.96	24.10		
Limit	EIRP < 2W			Result			Pass	

NR n41 HPUE Maximum Average Power [dBm] (GT - LC = 6.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
90	1	1	PI/2 BPSK	25.24	25.40	25.53	32.95	1.9724
90	1	243		25.54	25.78	25.55		
90	120	60		25.62	25.83	26.15		
90	1	0		19.38	19.59	19.74		
90	1	244		19.68	20.09	19.87		
90	243	0		24.09	24.46	24.68		
90	1	1	QPSK	25.26	25.59	25.59		
90	1	243		25.55	26.00	25.80		
90	120	60		25.60	25.86	26.15		
90	1	0		18.78	19.00	19.30		
90	1	244		19.22	19.51	19.35		
90	243	0		23.60	23.95	24.12		
Limit	EIRP < 2W			Result			Pass	



NR n41 HPUE Maximum Average Power [dBm] (GT - LC = 6.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
100	1	1	PI/2 BPSK	25.16	25.32	25.32	32.89	1.9454
100	1	271		25.68	25.70	25.62		
100	135	67		25.54	25.81	26.05		
100	1	0		19.24	19.49	19.57		
100	1	272		19.80	20.03	19.95		
100	270	0		24.04	24.46	24.55		
100	1	1	QPSK	25.32	25.46	25.40		
100	1	271		25.58	25.96	25.68		
100	135	67		25.60	25.85	26.09		
100	1	0		18.79	18.94	19.11		
100	1	272		19.47	19.51	19.44		
100	270	0		23.51	23.90	24.08		
Limit	EIRP < 2W			Result			Pass	



NR n66 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	24.43	24.63	24.66	29.97	0.9931
10	1	22		24.61	24.51	24.58		
10	12	6		24.69	24.69	24.78		
10	1	0		23.99	24.15	24.14		
10	1	23		24.10	24.06	24.07		
10	24	0		24.23	24.10	24.16		
10	1	1	QPSK	24.70	24.76	24.97		
10	1	22		24.89	24.63	24.91		
10	12	6		24.72	24.76	24.78		
10	1	0		23.60	23.72	23.82		
10	1	23		23.78	23.68	23.80		
10	24	0		23.68	23.59	23.60		
Limit	EIRP < 1W			Result			Pass	

NR n66 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	24.40	24.59	24.46	29.93	0.9840
15	1	36		24.56	24.50	24.49		
15	18	9		24.70	24.70	24.66		
15	1	0		23.93	24.16	23.98		
15	1	37		24.04	24.00	24.02		
15	36	0		24.19	24.16	24.09		
15	1	1	QPSK	24.79	24.74	24.71		
15	1	36		24.93	24.83	24.76		
15	18	9		24.86	24.76	24.66		
15	1	0		23.60	23.72	23.62		
15	1	37		23.71	23.67	23.66		
15	36	0		23.69	23.67	23.63		
Limit	EIRP < 1W			Result			Pass	



NR n66 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	24.37	24.66	24.52	29.97	0.9931
20	1	49		24.56	24.53	24.54		
20	25	12		24.76	24.71	24.63		
20	1	0		23.96	24.20	24.05		
20	1	50		24.11	24.08	24.02		
20	50	0		24.22	24.05	24.02		
20	1	1	QPSK	24.68	24.87	24.46		
20	1	49		24.80	24.97	24.49		
20	25	12		24.76	24.71	24.61		
20	1	0		23.64	23.78	23.50		
20	1	50		23.83	23.81	23.51		
20	50	0		23.76	23.59	23.57		
Limit	EIRP < 1W			Result			Pass	

NR n66 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
25	1	1	PI/2 BPSK	23.91	24.13	24.05	29.61	0.9141
25	1	63		24.02	24.03	24.02		
25	32	16		24.51	24.56	24.55		
25	1	0		23.50	23.66	23.55		
25	1	64		23.58	23.55	23.54		
25	64	0		24.04	23.64	23.97		
25	1	1	QPSK	23.95	24.10	24.02		
25	1	63		24.05	23.97	24.01		
25	32	16		24.60	24.61	24.59		
25	1	0		23.01	23.14	23.05		
25	1	64		23.07	23.01	23.01		
25	64	0		23.58	23.18	23.44		
Limit	EIRP < 1W			Result			Pass	



NR n66 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
30	1	1	PI/2 BPSK	24.53	24.64	24.55	29.86	0.9683
30	1	76		24.60	24.57	24.57		
30	36	18		24.70	24.77	24.67		
30	1	0		24.06	24.17	24.00		
30	1	77		24.11	24.10	24.14		
30	75	0		24.28	24.07	24.25		
30	1	1	QPSK	24.56	24.63	24.61		
30	1	76		24.55	24.59	24.66		
30	36	18		24.65	24.86	24.70		
30	1	0		23.52	23.61	23.57		
30	1	77		23.60	23.57	23.56		
30	75	0		23.78	23.52	23.77		
Limit	EIRP < 1W			Result			Pass	

NR n66 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	24.57	24.63	24.60	29.76	0.9462
40	1	104		24.61	24.68	24.64		
40	50	25		24.68	24.68	24.62		
40	1	0		24.00	24.16	24.15		
40	1	105		24.16	24.22	24.16		
40	100	0		24.28	23.89	24.34		
40	1	1	QPSK	24.57	24.62	24.56		
40	1	104		24.65	24.76	24.64		
40	50	25		24.70	24.65	24.61		
40	1	0		23.58	23.68	23.59		
40	1	105		23.68	23.73	23.62		
40	100	0		23.77	23.39	23.76		
Limit	EIRP < 1W			Result			Pass	



NR n71 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
10	1	1	PI/2 BPSK	23.96	24.22	24.32	27.28	0.5346
10	1	22		24.15	24.30	24.22		
10	12	6		24.24	24.39	24.33		
10	1	0		23.51	23.68	23.79		
10	1	23		23.74	23.84	23.21		
10	24	0		23.88	23.94	23.75		
10	1	1	QPSK	24.28	24.43	24.30		
10	1	22		24.39	24.25	24.22		
10	12	6		24.26	24.36	24.38		
10	1	0		23.21	23.38	23.36		
10	1	23		23.39	23.25	23.63		
10	24	0		23.46	23.48	23.30		
Limit	ERP < 3W			Result			Pass	

NR n71 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
15	1	1	PI/2 BPSK	23.97	24.15	24.31	27.38	0.5470
15	1	36		24.20	24.30	24.25		
15	18	9		24.30	24.34	24.44		
15	1	0		23.52	23.59	23.80		
15	1	37		23.70	23.92	23.68		
15	36	0		23.68	24.05	23.79		
15	1	1	QPSK	24.50	24.51	24.26		
15	1	36		24.53	24.37	24.30		
15	18	9		24.16	24.43	24.44		
15	1	0		23.41	23.65	23.24		
15	1	37		23.40	23.31	23.29		
15	36	0		23.25	23.50	23.35		
Limit	ERP < 3W			Result			Pass	



NR n71 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
20	1	1	PI/2 BPSK	23.83	24.09	24.10	27.34	0.5420
20	1	49		24.13	24.33	24.16		
20	25	12		24.05	24.28	24.16		
20	1	0		23.30	23.61	23.66		
20	1	50		23.63	23.74	23.57		
20	50	0		23.32	24.00	23.54		
20	1	1	QPSK	24.38	24.49	24.28		
20	1	49		24.07	24.37	24.24		
20	25	12		24.09	24.32	24.21		
20	1	0		23.20	23.38	23.20		
20	1	50		23.07	23.43	23.12		
20	50	0		22.69	23.54	23.01		
Limit	ERP < 3W			Result			Pass	



Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 2.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	27.35	27.25	27.24	29.82	0.9594
10	1	22		27.41	27.31	27.47		
10	12	6		27.56	27.46	27.46		
10	1	0		21.47	21.37	21.49		
10	1	23		21.67	21.37	21.55		
10	24	0		25.96	25.86	26.01		
10	1	1	QPSK	27.36	27.47	27.51		
10	1	22		27.43	27.40	27.49		
10	12	6		27.62	27.49	27.59		
10	1	0		20.96	20.92	21.00		
10	1	23		21.06	20.83	20.95		
10	24	0		25.56	25.41	25.55		
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 2.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	27.38	27.33	27.34	29.82	0.9594
15	1	36		27.50	27.27	27.36		
15	18	9		27.57	27.41	27.56		
15	1	0		21.50	21.44	21.59		
15	1	37		21.64	21.41	21.54		
15	36	0		26.15	25.89	25.98		
15	1	1	QPSK	27.47	27.39	27.52		
15	1	36		27.58	27.35	27.52		
15	18	9		27.55	27.43	27.62		
15	1	0		20.94	20.87	20.89		
15	1	37		21.15	20.86	20.91		
15	36	0		25.68	25.37	25.58		
Limit	EIRP < 1W			Result			Pass	



Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 2.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	27.41	27.27	27.44	29.93	0.9840
20	1	49		27.45	27.29	27.45		
20	25	12		27.58	27.41	27.55		
20	1	0		21.56	21.41	21.51		
20	1	50		21.49	21.49	21.58		
20	50	0		26.13	25.81	26.07		
20	1	1	QPSK	27.42	27.57	27.37		
20	1	49		27.73	27.27	27.40		
20	25	12		27.65	27.47	27.58		
20	1	0		21.05	20.99	20.86		
20	1	50		21.03	20.69	21.03		
20	50	0		25.69	25.45	25.59		
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 2.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
25	1	1	PI/2 BPSK	26.92	26.74	26.53	29.76	0.9462
25	1	63		26.88	26.59	26.80		
25	32	16		27.56	27.26	27.48		
25	1	0		20.97	20.83	20.70		
25	1	64		20.83	20.66	21.00		
25	64	0		25.76	25.56	25.73		
25	1	1	QPSK	26.83	26.60	26.73		
25	1	63		26.77	26.70	26.81		
25	32	16		27.34	27.37	27.49		
25	1	0		20.34	20.28	20.24		
25	1	64		20.26	20.13	20.47		
25	64	0		25.38	25.14	25.29		
Limit	EIRP < 1W			Result			Pass	



Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 2.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
30	1	1	PI/2 BPSK	27.38	27.37	27.29	29.85	0.9661
30	1	76		27.58	27.28	27.42		
30	36	18		27.65	27.50	27.53		
30	1	0		21.46	21.40	21.53		
30	1	77		21.71	21.35	21.57		
30	75	0		26.07	25.89	26.11		
30	1	1	QPSK	27.42	27.39	27.38		
30	1	76		27.52	27.34	27.33		
30	36	18		27.64	27.48	27.62		
30	1	0		20.97	20.93	20.97		
30	1	77		21.07	20.93	21.05		
30	75	0		25.59	25.58	25.52		
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 2.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	27.53	27.33	27.44	29.89	0.9750
40	1	104		27.51	27.43	27.62		
40	50	25		27.67	27.46	27.54		
40	1	0		21.69	21.42	21.48		
40	1	105		21.81	21.46	21.72		
40	100	0		26.14	25.89	25.99		
40	1	1	QPSK	27.54	27.53	27.48		
40	1	104		27.54	27.61	27.58		
40	50	25		27.69	27.48	27.54		
40	1	0		21.11	21.02	21.00		
40	1	105		21.01	20.99	21.14		
40	100	0		25.65	25.45	25.56		
Limit	EIRP < 1W			Result			Pass	



Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 2.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
50	1	1	PI/2 BPSK	27.31	27.37	27.48	29.93	0.9840
50	1	131		27.65	27.39	27.51		
50	64	32		27.72	27.39	27.53		
50	1	0		21.48	21.47	21.59		
50	1	132		21.84	21.56	21.55		
50	128	0		26.07	25.95	26.05		
50	1	1	QPSK	27.32	27.45	27.52		
50	1	131		27.73	27.50	27.58		
50	64	32		27.67	27.48	27.63		
50	1	0		20.89	20.93	21.07		
50	1	132		21.19	21.03	21.13		
50	128	0		25.58	25.54	25.52		
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 2.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
60	1	1	PI/2 BPSK	27.37	27.16	27.04	29.83	0.9616
60	1	160		27.50	27.15	27.33		
60	81	40		27.63	27.48	27.44		
60	1	0		21.52	21.30	21.34		
60	1	161		21.61	21.34	21.50		
60	162	0		26.05	25.83	25.97		
60	1	1	QPSK	27.20	27.26	27.25		
60	1	160		27.48	27.47	27.34		
60	81	40		27.60	27.45	27.59		
60	1	0		20.78	20.70	20.78		
60	1	161		21.05	20.94	21.08		
60	162	0		25.50	25.42	25.39		
Limit	EIRP < 1W			Result			Pass	



Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 2.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
70	1	1	PI/2 BPSK	27.27	27.19	27.12	29.86	0.9683
70	1	187		27.53	27.30	27.41		
70	90	45		27.59	27.51	27.45		
70	1	0		21.31	21.38	21.20		
70	1	188		21.64	21.45	21.75		
70	180	0		26.05	25.97	26.05		
70	1	1	QPSK	27.31	27.24	27.05		
70	1	187		27.66	27.38	27.62		
70	90	45		27.54	27.53	27.54		
70	1	0		20.78	20.85	20.69		
70	1	188		21.11	20.94	21.16		
70	180	0		25.65	25.57	25.50		
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 2.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
80	1	1	PI/2 BPSK	27.28	27.15	27.17	29.83	0.9616
80	1	215		27.31	27.34	27.44		
80	108	54		27.53	27.50	27.57		
80	1	0		21.36	21.28	21.29		
80	1	216		21.51	21.45	21.60		
80	216	0		26.05	25.94	25.98		
80	1	1	QPSK	27.26	27.29	27.16		
80	1	215		27.40	27.48	27.63		
80	108	54		27.60	27.53	27.52		
80	1	0		20.82	20.76	20.76		
80	1	216		20.97	21.00	21.08		
80	216	0		25.50	25.47	25.44		
Limit	EIRP < 1W			Result			Pass	



Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 2.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
90	1	1	PI/2 BPSK	27.07	27.02	27.15	29.78	0.9506
90	1	243		27.41	27.29	27.20		
90	120	60		27.53	27.50	27.50		
90	1	0		21.31	21.23	21.42		
90	1	244		21.64	21.56	21.40		
90	243	0		26.00	25.96	26.02		
90	1	1	QPSK	27.36	27.08	27.40		
90	1	243		27.48	27.40	27.37		
90	120	60		27.58	27.49	27.54		
90	1	0		20.78	20.69	20.68		
90	1	244		21.13	20.97	20.94		
90	243	0		25.50	25.50	25.52		
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 2.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
100	1	1	PI/2 BPSK	27.25	27.10	27.19	29.78	0.9506
100	1	271		27.16	27.37	27.42		
100	135	67		27.53	27.52	27.50		
100	1	0		21.37	21.34	21.28		
100	1	272		21.38	21.48	21.72		
100	270	0		26.01	25.91	25.90		
100	1	1	QPSK	27.24	27.20	27.22		
100	1	271		27.24	27.51	27.43		
100	135	67		27.58	27.44	27.48		
100	1	0		20.81	20.73	20.79		
100	1	272		20.95	20.99	21.04		
100	270	0		25.50	25.46	25.49		
Limit	EIRP < 1W			Result			Pass	



Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 2.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	27.32	27.49	27.59	29.97	0.9931
10	1	22		27.27	27.47	27.56		
10	12	6		27.42	27.71	27.71		
10	1	0		21.48	21.70	21.66		
10	1	23		21.41	21.67	21.70		
10	24	0		25.96	26.05	26.15		
10	1	1	QPSK	27.31	27.66	27.66		
10	1	22		27.33	27.54	27.58		
10	12	6		27.56	27.64	27.77		
10	1	0		20.82	21.10	21.24		
10	1	23		20.92	21.07	21.15		
10	24	0		25.58	25.59	25.88		
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 2.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	27.37	27.47	27.52	29.92	0.9817
15	1	36		27.33	27.43	27.58		
15	18	9		27.39	27.57	27.72		
15	1	0		21.59	21.67	21.66		
15	1	37		21.39	21.64	21.67		
15	36	0		26.04	26.18	26.08		
15	1	1	QPSK	27.57	27.70	27.65		
15	1	36		27.47	27.51	27.56		
15	18	9		27.53	27.59	27.61		
15	1	0		20.95	21.01	21.18		
15	1	37		20.95	21.07	21.13		
15	36	0		25.65	25.66	25.72		
Limit	EIRP < 1W			Result			Pass	



Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 2.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	27.54	27.55	27.37	29.90	0.9772
20	1	49		27.42	27.39	27.57		
20	25	12		27.53	27.65	27.56		
20	1	0		21.52	21.74	21.59		
20	1	50		21.65	21.49	21.65		
20	50	0		26.11	26.19	26.14		
20	1	1	QPSK	27.45	27.68	27.43		
20	1	49		27.46	27.41	27.55		
20	25	12		27.58	27.70	27.58		
20	1	0		21.12	21.34	20.93		
20	1	50		21.01	20.99	21.14		
20	50	0		25.50	25.58	25.61		
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 2.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
25	1	1	PI/2 BPSK	26.84	26.79	26.68	29.81	0.9572
25	1	63		27.00	26.77	26.85		
25	32	16		27.35	27.46	27.51		
25	1	0		20.94	21.16	20.53		
25	1	64		20.86	20.74	20.83		
25	64	0		25.83	26.07	25.79		
25	1	1	QPSK	26.93	26.90	26.74		
25	1	63		27.04	26.76	26.88		
25	32	16		27.45	27.57	27.61		
25	1	0		20.40	20.58	20.14		
25	1	64		20.27	20.31	20.26		
25	64	0		25.40	25.58	25.32		
Limit	EIRP < 1W			Result			Pass	



Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 2.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
30	1	1	PI/2 BPSK	27.33	27.59	27.48	29.94	0.9863
30	1	76		27.52	27.24	27.68		
30	36	18		27.45	27.69	27.60		
30	1	0		21.39	21.66	21.61		
30	1	77		21.66	21.59	21.62		
30	75	0		26.18	26.34	26.33		
30	1	1	QPSK	27.35	27.71	27.58		
30	1	76		27.58	27.35	27.73		
30	36	18		27.49	27.72	27.74		
30	1	0		20.89	21.37	20.98		
30	1	77		21.16	21.01	21.33		
30	75	0		25.38	25.74	25.64		
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 2.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	27.57	27.61	27.43	29.99	0.9977
40	1	104		27.65	27.49	27.79		
40	50	25		27.70	27.69	27.55		
40	1	0		21.78	21.80	21.55		
40	1	105		21.94	21.60	21.74		
40	100	0		26.24	26.21	26.14		
40	1	1	QPSK	27.57	27.65	27.46		
40	1	104		27.79	27.60	27.69		
40	50	25		27.60	27.78	27.57		
40	1	0		21.17	21.24	21.00		
40	1	105		21.40	21.03	21.35		
40	100	0		25.66	25.74	25.67		
Limit	EIRP < 1W			Result			Pass	



Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 2.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
50	1	1	PI/2 BPSK	27.39	27.47	27.41	29.90	0.9772
50	1	131		27.70	27.46	27.60		
50	64	32		27.59	27.64	27.39		
50	1	0		21.57	21.73	21.64		
50	1	132		21.72	21.65	21.92		
50	128	0		26.15	26.18	25.95		
50	1	1	QPSK	27.46	27.37	27.37		
50	1	131		27.70	27.29	27.45		
50	64	32		27.58	27.55	27.43		
50	1	0		21.04	21.06	21.02		
50	1	132		21.25	21.02	21.18		
50	128	0		25.55	25.37	25.45		
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 2.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
60	1	1	PI/2 BPSK	27.34	27.16	27.39	29.92	0.9817
60	1	160		27.39	27.33	27.44		
60	81	40		27.68	27.65	27.52		
60	1	0		21.56	21.40	21.54		
60	1	161		21.53	21.48	21.61		
60	162	0		26.03	25.99	26.02		
60	1	1	QPSK	27.57	27.27	27.49		
60	1	160		27.72	27.32	27.48		
60	81	40		27.59	27.58	27.49		
60	1	0		20.82	20.79	20.98		
60	1	161		20.93	20.98	21.02		
60	162	0		25.65	25.45	25.53		
Limit	EIRP < 1W			Result			Pass	



Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 2.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
70	1	1	PI/2 BPSK	27.08	27.12	27.43	29.84	0.9638
70	1	187		27.20	27.37	27.37		
70	90	45		27.48	27.58	27.59		
70	1	0		21.27	21.36	21.55		
70	1	188		21.37	21.45	21.43		
70	180	0		25.97	26.09	26.17		
70	1	1	QPSK	27.27	27.15	27.31		
70	1	187		27.30	27.20	27.35		
70	90	45		27.56	27.64	27.52		
70	1	0		20.90	20.77	20.95		
70	1	188		20.89	20.87	21.03		
70	180	0		25.46	25.57	25.58		
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 2.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
80	1	1	PI/2 BPSK	27.13	26.81	27.10	29.82	0.9594
80	1	215		26.95	26.95	27.43		
80	108	54		27.58	27.47	27.54		
80	1	0		21.27	20.70	21.41		
80	1	216		21.47	21.48	21.67		
80	216	0		26.00	26.04	26.01		
80	1	1	QPSK	27.01	26.81	27.18		
80	1	215		27.23	27.04	27.37		
80	108	54		27.62	27.54	27.41		
80	1	0		20.82	20.33	20.73		
80	1	216		20.95	21.04	21.04		
80	216	0		25.42	25.43	25.52		
Limit	EIRP < 1W			Result			Pass	



Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 2.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
90	1	1	PI/2 BPSK	26.81	26.74	26.65	29.83	0.9616
90	1	243		26.97	26.97	26.85		
90	120	60		27.51	27.48	27.49		
90	1	0		21.35	21.03	21.16		
90	1	244		21.51	21.58	21.02		
90	243	0		25.90	26.00	26.10		
90	1	1	QPSK	27.02	26.59	26.83		
90	1	243		26.98	26.99	27.02		
90	120	60		27.43	27.47	27.63		
90	1	0		20.19	20.16	20.23		
90	1	244		21.11	20.89	20.54		
90	243	0		25.34	25.53	25.60		
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 2.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
100	1	1	PI/2 BPSK	-	26.92	-	29.98	0.9954
100	1	271		-	27.17	-		
100	135	67		-	27.74	-		
100	1	0		-	21.60	-		
100	1	272		-	21.88	-		
100	270	0		-	26.13	-		
100	1	1	QPSK	-	26.83	-		
100	1	271		-	27.13	-		
100	135	67		-	27.78	-		
100	1	0		-	20.45	-		
100	1	272		-	20.80	-		
100	270	0		-	25.61	-		
Limit	EIRP < 1W			Result			Pass	



<MIMO Mode>

<SCS 15k>

NR n41 HPUE Maximum Average Power [dBm], DG = 6.8 dBi														
BW	RB	RB	Mod	Antenna 4			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
10	1	1	QPSK	22.21	22.44	22.55	22.90	22.59	22.57	25.58	25.53	25.57	32.38	1.7298
10	1	50		21.38	21.53	21.46	21.67	22.12	21.33	24.54	24.85	24.41		
10	26	13		21.29	21.76	21.64	21.63	21.76	21.48	24.47	24.77	24.57		
10	1	0		18.48	17.61	18.32	18.59	17.54	18.05	21.55	20.59	21.20		
10	1	51		19.49	19.99	19.61	19.37	19.41	19.22	22.44	22.72	22.43		
10	52	0		21.95	20.50	22.04	21.74	20.22	21.81	24.86	23.37	24.94		
Limit	EIRP < 2W			Result									Pass	

NR n41 HPUE Maximum Average Power [dBm], DG = 6.8 dBi														
BW	RB	RB	Mod	Antenna 4			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
15	1	1	QPSK	21.61	21.15	21.40	21.80	21.35	21.27	24.72	24.26	24.35	32.32	1.7061
15	1	77		22.00	21.70	22.69	22.21	22.01	22.24	25.12	24.87	25.48		
15	39	19		21.53	21.76	22.73	21.59	21.77	22.27	24.57	24.78	25.52		
15	1	0		16.99	18.96	18.37	17.14	19.22	18.22	20.08	22.10	21.31		
15	1	78		17.39	18.18	18.15	17.67	19.39	17.92	20.54	21.84	21.05		
15	79	0		19.87	20.75	20.73	19.89	20.81	20.69	22.89	23.79	23.72		
Limit	EIRP < 2W			Result									Pass	

NR n41 HPUE Maximum Average Power [dBm], DG = 6.8 dBi														
BW	RB	RB	Mod	Antenna 4			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
20	1	1	QPSK	20.17	20.64	20.96	20.61	21.15	20.72	23.41	23.91	23.85	32.36	1.7219
20	1	104		21.21	21.59	21.45	21.26	21.75	21.51	24.25	24.68	24.49		
20	53	26		21.14	21.62	22.78	21.26	21.65	22.30	24.21	24.65	25.56		
20	1	0		17.03	17.45	17.83	17.64	17.96	17.41	20.36	20.72	20.64		
20	1	105		17.27	18.04	17.59	17.38	17.97	17.75	20.34	21.02	20.68		
20	106	0		19.81	20.24	20.40	19.83	20.17	20.04	22.83	23.22	23.23		
Limit	EIRP < 2W			Result									Pass	



NR n41 HPUE Maximum Average Power [dBm], DG = 6.8 dBi														
BW	RB	RB	Mod	Antenna 4			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
30	1	1	QPSK	20.39	20.87	20.86	20.84	20.95	21.14	23.63	23.92	24.01	32.12	1.6293
30	1	158		21.29	21.66	21.71	22.02	21.87	21.53	24.68	24.78	24.63		
30	80	40		21.34	21.57	22.52	21.65	21.93	22.09	24.51	24.76	25.32		
30	1	0		17.28	17.78	17.98	17.68	17.80	17.61	20.49	20.80	20.81		
30	1	159		17.24	18.01	17.59	18.10	17.85	17.94	20.70	20.94	20.78		
30	160	0		20.44	20.29	20.70	20.08	20.31	20.15	23.27	23.31	23.44		
Limit	EIRP < 2W			Result									Pass	

NR n41 HPUE Maximum Average Power [dBm], DG = 6.8 dBi														
BW	RB	RB	Mod	Antenna 4			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
40	1	1	QPSK	18.76	22.40	22.68	19.56	22.69	22.30	22.19	25.56	25.50	32.36	1.7219
40	1	158		21.30	21.78	21.86	21.81	21.90	21.45	24.57	24.85	24.67		
40	80	40		21.16	21.50	21.67	21.58	21.55	21.25	24.39	24.54	24.48		
40	1	0		15.78	16.17	19.54	17.43	16.60	19.08	19.69	19.40	22.33		
40	1	159		18.57	19.60	19.57	19.40	19.54	19.00	22.02	22.58	22.30		
40	160	0		19.38	21.68	22.04	19.82	22.04	21.53	22.62	24.87	24.80		
Limit	EIRP < 2W			Result									Pass	

NR n41 HPUE Maximum Average Power [dBm], DG = 6.8 dBi														
BW	RB	RB	Mod	Antenna 4			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
50	1	1	QPSK	21.96	22.14	22.63	22.39	22.56	22.52	25.19	25.37	25.59	32.39	1.7338
50	1	268		20.85	22.49	21.70	21.55	22.52	21.53	24.22	25.52	24.63		
50	135	67		21.04	21.35	21.57	21.23	21.37	21.34	24.15	24.37	24.47		
50	1	0		18.75	19.29	19.66	19.19	19.37	19.04	21.99	22.34	22.37		
50	1	269		19.20	19.50	19.51	19.21	19.21	19.19	22.22	22.37	22.36		
50	270	0		21.44	21.68	21.90	21.60	21.91	21.59	24.53	24.81	24.76		
Limit	EIRP < 2W			Result									Pass	



Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 2.2 dBi														
BW	RB	RB	Mod	Antenna 5			Antenna 6			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
10	1	1	QPSK	22.54	23.80	22.62	23.30	23.55	21.97	25.95	26.69	25.32	29.21	0.8337
10	1	50		24.06	24.10	24.31	23.94	23.56	23.09	27.01	26.85	26.75		
10	26	13		24.15	23.88	24.07	23.73	23.34	23.00	26.96	26.63	26.58		
10	1	0		19.27	19.24	19.00	19.34	19.03	18.67	22.32	22.15	21.85		
10	1	51		19.59	20.84	19.88	19.51	20.76	19.19	22.56	23.81	22.56		
10	52	0		22.67	22.38	21.84	23.44	22.11	20.84	26.08	25.26	24.38		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 2.2 dBi														
BW	RB	RB	Mod	Antenna 5			Antenna 6			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
15	1	1	QPSK	22.88	22.30	22.95	22.77	23.51	22.13	25.84	25.96	25.57	29.31	0.8531
15	1	77		24.24	23.97	24.13	23.95	23.35	23.30	27.11	26.68	26.75		
15	39	19		24.09	23.93	24.03	23.83	23.40	23.09	26.97	26.68	26.60		
15	1	0		20.01	19.15	20.99	19.78	19.21	20.13	22.91	22.19	23.59		
15	1	78		19.96	19.46	20.06	21.06	20.54	20.46	23.56	23.04	23.27		
15	79	0		22.61	23.51	22.74	22.42	22.88	22.86	25.53	26.22	25.81		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 2.2 dBi														
BW	RB	RB	Mod	Antenna 5			Antenna 6			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
20	1	1	QPSK	24.11	23.89	23.85	23.74	23.41	23.11	26.94	26.67	26.51	29.22	0.8356
20	1	104		24.31	24.25	24.35	23.68	23.17	23.10	27.02	26.75	26.78		
20	53	26		24.09	23.85	23.97	23.74	23.37	23.02	26.93	26.63	26.53		
20	1	0		20.12	20.99	21.05	19.94	20.56	20.12	23.04	23.79	23.62		
20	1	105		21.16	20.87	21.17	21.02	20.47	20.41	24.10	23.68	23.82		
20	106	0		23.73	23.48	23.56	23.40	22.91	22.58	26.58	26.21	26.11		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 2.2 dBi														
BW	RB	RB	Mod	Antenna 5			Antenna 6			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
25	1	1	QPSK	23.32	23.17	23.26	23.21	22.77	22.35	26.28	25.98	25.84	28.98	0.7907
25	1	131		23.59	23.26	23.50	23.11	22.54	23.23	26.37	25.93	26.38		
25	67	33		23.81	23.70	23.84	23.73	23.33	23.00	26.78	26.53	26.45		
25	1	0		20.42	20.26	20.25	20.42	19.93	19.62	23.43	23.11	22.96		
25	1	132		20.29	20.21	20.56	20.39	19.87	19.69	23.35	23.05	23.16		
25	133	0		23.36	23.06	23.22	23.14	22.68	22.31	26.26	25.88	25.80		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 2.2 dBi														
BW	RB	RB	Mod	Antenna 5			Antenna 6			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
30	1	1	QPSK	23.83	23.88	23.96	23.62	23.54	23.00	26.74	26.72	26.52	29.11	0.8147
30	1	158		24.09	23.75	24.49	23.70	23.15	23.13	26.91	26.47	26.87		
30	80	40		23.95	23.85	24.03	23.77	23.36	23.16	26.87	26.62	26.63		
30	1	0		20.89	20.91	21.09	20.72	20.60	20.22	23.82	23.77	23.69		
30	1	159		21.13	20.90	21.10	21.02	20.55	20.57	24.09	23.74	23.85		
30	160	0		23.55	23.40	23.57	23.34	22.95	22.72	26.46	26.19	26.18		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 2.2 dBi														
BW	RB	RB	Mod	Antenna 5			Antenna 6			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
40	1	1	QPSK	23.76	23.73	23.63	23.55	23.59	22.80	26.67	26.67	26.25	29.11	0.8147
40	1	214		24.12	23.69	23.94	23.66	22.98	23.10	26.91	26.36	26.55		
40	108	54		23.73	23.67	23.70	23.59	23.11	22.74	26.67	26.41	26.26		
40	1	0		20.92	20.70	20.74	20.73	20.44	20.00	23.84	23.58	23.40		
40	1	215		20.85	21.09	21.07	20.88	20.48	20.40	23.88	23.81	23.76		
40	216	0		23.35	23.08	23.24	23.24	22.74	22.43	26.31	25.92	25.86		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 2.2 dBi														
BW	RB	RB	Mod	Antenna 5			Antenna 6			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
50	1	1	QPSK	23.67	23.50	23.67	23.48	23.42	23.05	26.59	26.47	26.38	29.32	0.8551
50	1	268		24.39	24.04	24.36	23.81	23.09	23.11	27.12	26.60	26.79		
50	135	67		23.75	23.61	23.67	23.60	23.18	22.84	26.69	26.41	26.29		
50	1	0		20.76	20.67	20.87	20.65	20.54	20.14	23.72	23.62	23.53		
50	1	269		20.95	20.81	20.85	21.02	20.30	20.36	24.00	23.57	23.62		
50	270	0		23.28	23.29	23.40	23.17	22.98	22.60	26.24	26.15	26.03		
Limit	EIRP < 1W			Result									Pass	



Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 2.2 dBi														
BW	RB	RB	Mod	Antenna 5			Antenna 6			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
10	1	1	QPSK	24.12	24.29	24.30	23.36	23.68	23.89	26.77	27.01	27.11	29.44	0.8790
10	1	50		24.24	24.42	24.51	23.33	23.71	23.93	26.82	27.09	27.24		
10	26	13		24.13	24.30	24.47	23.40	23.73	23.94	26.79	27.03	27.22		
10	1	0		21.03	21.36	21.44	20.40	20.81	20.95	23.74	24.10	24.21		
10	1	51		21.15	21.32	21.64	20.55	20.75	21.10	23.87	24.05	24.39		
10	52	0		23.62	23.88	24.03	22.89	23.18	23.45	26.28	26.55	26.76		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 2.2 dBi														
BW	RB	RB	Mod	Antenna 5			Antenna 6			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
15	1	1	QPSK	24.12	24.32	24.23	23.46	23.73	23.77	26.81	27.05	27.02	29.33	0.8570
15	1	77		24.41	24.29	24.29	23.47	23.76	23.95	26.98	27.04	27.13		
15	39	19		24.22	24.37	24.40	23.41	23.71	23.83	26.84	27.06	27.13		
15	1	0		21.11	21.29	21.25	20.55	20.80	20.70	23.85	24.06	23.99		
15	1	78		21.20	21.25	21.43	20.60	20.72	21.01	23.92	24.00	24.24		
15	79	0		23.78	23.92	23.97	22.90	23.22	23.34	26.37	26.59	26.68		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 2.2 dBi														
BW	RB	RB	Mod	Antenna 5			Antenna 6			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
20	1	1	QPSK	24.30	24.55	24.18	23.62	23.86	23.68	26.98	27.23	26.95	29.46	0.8831
20	1	104		24.31	24.48	24.55	23.59	23.73	23.93	26.98	27.13	27.26		
20	53	26		24.26	24.27	24.36	23.49	23.69	23.76	26.90	27.00	27.08		
20	1	0		21.48	21.52	21.25	20.83	20.95	20.76	24.18	24.25	24.02		
20	1	105		21.36	21.29	21.49	20.85	20.92	21.07	24.12	24.12	24.30		
20	106	0		23.92	23.96	24.00	23.02	23.27	23.34	26.50	26.64	26.69		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 2.2 dBi														
BW	RB	RB	Mod	Antenna 5			Antenna 6			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
25	1	1	QPSK	23.77	23.71	23.38	23.13	23.36	22.98	26.47	26.55	26.19	29.21	0.8337
25	1	131		23.60	23.81	23.72	23.20	23.15	23.41	26.41	26.50	26.58		
25	67	33		24.13	24.21	24.27	23.56	23.63	23.72	26.86	26.94	27.01		
25	1	0		20.50	20.60	20.31	20.34	20.20	19.96	23.43	23.41	23.15		
25	1	132		20.51	20.40	20.69	20.06	20.06	20.31	23.30	23.24	23.51		
25	133	0		23.57	23.45	23.54	23.09	22.99	23.17	26.35	26.24	26.37		
Limit	EIRP < 1W			Result									Pass	



Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 2.2 dBi														
BW	RB	RB	Mod	Antenna 5			Antenna 6			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
30	1	1	QPSK	24.10	24.27	23.99	23.36	23.70	23.69	26.76	27.00	26.85	29.41	0.8730
30	1	158		24.22	24.58	24.61	23.56	23.43	23.75	26.91	27.05	27.21		
30	80	40		23.95	24.13	24.13	23.31	23.67	23.69	26.65	26.92	26.93		
30	1	0		20.96	21.14	21.11	20.43	20.65	20.47	23.71	23.91	23.81		
30	1	159		21.18	20.92	21.31	20.50	20.46	20.90	23.86	23.71	24.12		
30	160	0		23.45	23.60	23.69	22.93	23.17	23.34	26.21	26.40	26.53		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 2.2 dBi														
BW	RB	RB	Mod	Antenna 5			Antenna 6			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
40	1	1	QPSK	24.16	24.28	24.17	23.60	23.69	23.63	26.90	27.01	26.92	29.42	0.8750
40	1	214		24.52	24.01	24.28	23.87	23.55	23.84	27.22	26.80	27.08		
40	108	54		23.94	24.11	24.03	23.42	23.54	23.51	26.70	26.84	26.79		
40	1	0		21.02	21.19	21.01	20.54	20.66	20.54	23.80	23.94	23.79		
40	1	215		21.31	20.98	21.35	20.80	20.68	20.84	24.07	23.84	24.11		
40	216	0		23.56	23.56	23.54	23.12	23.24	23.15	26.36	26.41	26.36		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 2.2 dBi														
BW	RB	RB	Mod	Antenna 5			Antenna 6			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
50	1	1	QPSK	24.17	24.10	24.17	23.49	23.62	23.64	26.85	26.88	26.92	29.45	0.8810
50	1	268		24.74	24.36	24.03	23.67	23.54	23.71	27.25	26.98	26.88		
50	135	67		24.06	24.19	23.87	23.40	23.68	23.37	26.75	26.95	26.64		
50	1	0		21.16	21.13	21.05	20.45	20.66	20.52	23.83	23.91	23.80		
50	1	269		21.31	21.02	21.30	20.65	20.70	20.84	24.00	23.87	24.09		
50	270	0		23.56	23.74	23.67	23.06	23.22	23.20	26.33	26.50	26.45		
Limit	EIRP < 1W			Result									Pass	



<SCS 30k>

NR n41 HPUE Maximum Average Power [dBm], DG = 6.8 dBi														
BW	RB	RB	Mod	Antenna 4			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
10	1	1	QPSK	22.23	22.63	22.65	22.40	22.64	22.23	25.33	25.65	25.46	32.51	1.7824
10	1	22		22.26	22.68	22.52	22.44	22.61	22.16	25.36	25.66	25.35		
10	12	6		22.32	22.71	22.66	22.39	22.68	22.27	25.37	25.71	25.48		
10	1	0		19.05	19.46	19.33	19.20	19.48	19.02	22.14	22.48	22.19		
10	1	23		19.13	19.59	19.41	19.31	19.38	18.90	22.23	22.50	22.17		
10	24	0		21.68	21.97	22.05	21.74	21.98	21.49	24.72	24.99	24.79		
Limit	EIRP < 2W			Result									Pass	

NR n41 HPUE Maximum Average Power [dBm], DG = 6.8 dBi														
BW	RB	RB	Mod	Antenna 4			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
15	1	1	QPSK	22.19	22.62	22.68	22.39	22.67	22.52	25.30	25.66	25.61	32.57	1.8072
15	1	36		22.28	22.78	22.74	22.46	22.69	22.35	25.38	25.75	25.56		
15	19	9		22.41	22.76	22.92	22.52	22.76	22.48	25.48	25.77	25.72		
15	1	0		19.12	19.66	19.65	19.21	19.45	19.31	22.18	22.57	22.49		
15	1	37		19.15	19.80	19.49	19.33	19.48	19.13	22.25	22.65	22.32		
15	38	0		21.67	21.97	22.21	21.81	22.09	21.78	24.75	25.04	25.01		
Limit	EIRP < 2W			Result									Pass	

NR n41 HPUE Maximum Average Power [dBm], DG = 6.8 dBi														
BW	RB	RB	Mod	Antenna 4			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
20	1	1	QPSK	22.01	22.72	22.89	22.18	22.75	22.50	25.11	25.75	25.71	32.55	1.7989
20	1	49		22.20	22.71	22.77	22.35	22.67	22.35	25.29	25.70	25.58		
20	25	12		22.21	22.66	22.96	22.37	22.73	22.45	25.30	25.71	25.72		
20	1	0		18.93	19.61	19.65	19.04	19.53	19.27	22.00	22.58	22.47		
20	1	50		18.98	19.67	19.61	19.12	19.45	19.17	22.06	22.57	22.41		
20	51	0		21.51	22.02	22.18	21.62	22.00	21.77	24.58	25.02	24.99		
Limit	EIRP < 2W			Result									Pass	



NR n41 HPUE Maximum Average Power [dBm], DG = 6.8 dBi														
BW	RB	RB	Mod	Antenna 4			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
30	1	1	QPSK	22.15	22.51	22.88	22.41	22.47	22.38	25.29	25.50	25.65	32.59	1.8155
30	1	76		22.21	22.88	22.78	22.52	22.65	22.48	25.38	25.78	25.64		
30	39	19		22.34	22.71	22.97	22.44	22.65	22.58	25.40	25.69	25.79		
30	1	0		18.94	19.30	19.72	19.18	19.46	19.24	22.07	22.39	22.50		
30	1	77		19.07	19.79	19.53	19.37	19.53	19.27	22.23	22.67	22.41		
30	78	0		21.58	21.94	22.17	21.72	22.01	21.82	24.66	24.99	25.01		
Limit	EIRP < 2W			Result									Pass	

NR n41 HPUE Maximum Average Power [dBm], DG = 6.8 dBi														
BW	RB	RB	Mod	Antenna 4			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
40	1	1	QPSK	21.98	22.68	22.91	22.18	22.65	22.41	25.09	25.68	25.68	32.67	1.8493
40	1	76		22.30	22.90	22.85	22.36	22.81	22.46	25.34	25.87	25.67		
40	39	19		22.13	22.65	22.93	22.21	22.66	22.29	25.18	25.67	25.63		
40	1	0		18.95	19.76	19.72	19.14	19.77	19.22	22.06	22.78	22.49		
40	1	77		19.20	20.23	19.67	19.33	19.67	19.13	22.28	22.97	22.42		
40	78	0		21.49	21.99	22.16	21.57	22.01	21.77	24.54	25.01	24.98		
Limit	EIRP < 2W			Result									Pass	

NR n41 HPUE Maximum Average Power [dBm], DG = 6.8 dBi														
BW	RB	RB	Mod	Antenna 4			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
50	1	1	QPSK	22.24	22.59	22.88	22.40	22.63	22.48	25.33	25.62	25.69	32.63	1.8323
50	1	131		22.39	22.89	22.86	22.63	22.73	22.67	25.52	25.82	25.78		
50	67	33		22.35	22.68	23.04	22.56	22.75	22.59	25.47	25.73	25.83		
50	1	0		19.04	19.45	19.77	19.26	19.58	19.32	22.16	22.53	22.56		
50	1	132		19.21	19.81	19.63	19.61	19.65	19.39	22.42	22.74	22.52		
50	133	0		21.61	22.04	22.22	21.80	22.03	21.83	24.72	25.05	25.04		
Limit	EIRP < 2W			Result									Pass	

NR n41 HPUE Maximum Average Power [dBm], DG = 6.8 dBi														
BW	RB	RB	Mod	Antenna 4			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
60	1	1	QPSK	22.08	22.47	22.72	22.12	22.57	22.37	25.11	25.53	25.56	32.50	1.7783
60	1	160		22.37	22.78	22.73	22.52	22.54	22.35	25.46	25.67	25.55		
60	81	40		22.21	22.70	22.94	22.36	22.68	22.42	25.30	25.70	25.70		
60	1	0		18.79	19.31	19.51	18.99	19.43	19.23	21.90	22.38	22.38		
60	1	161		19.10	19.56	19.47	19.40	19.40	19.17	22.26	22.49	22.33		
60	162	0		21.47	22.05	22.23	21.63	21.97	21.72	24.56	25.02	24.99		
Limit	EIRP < 2W			Result									Pass	



NR n41 HPUE Maximum Average Power [dBm], DG = 6.8 dBi														
BW	RB	RB	Mod	Antenna 4			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
70	1	1	QPSK	22.00	22.42	22.65	22.35	22.64	22.43	25.19	25.54	25.55	32.56	1.8030
70	1	187		22.41	22.86	22.79	22.72	22.57	22.33	25.58	25.73	25.58		
70	95	47		22.30	22.75	22.85	22.55	22.74	22.46	25.44	25.76	25.67		
70	1	0		18.96	19.44	19.49	19.26	19.39	19.27	22.12	22.43	22.39		
70	1	188		19.28	19.67	19.57	19.39	19.30	19.14	22.35	22.50	22.37		
70	189	0		21.62	22.05	22.14	21.77	22.09	21.69	24.71	25.08	24.93		
Limit	EIRP < 2W			Result									Pass	

NR n41 HPUE Maximum Average Power [dBm], DG = 6.8 dBi														
BW	RB	RB	Mod	Antenna 4			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
80	1	1	QPSK	22.01	22.35	22.78	22.23	22.50	22.57	25.13	25.44	25.69	32.52	1.7865
80	1	215		22.48	22.77	22.78	22.63	22.54	22.30	25.57	25.67	25.56		
80	109	54		22.26	22.68	22.88	22.41	22.73	22.50	25.35	25.72	25.70		
80	1	0		18.84	19.15	19.50	19.10	19.37	19.31	21.98	22.27	22.42		
80	1	216		19.34	19.54	19.54	19.47	19.36	19.14	22.42	22.46	22.35		
80	217	0		21.56	22.11	22.25	21.74	22.03	21.73	24.66	25.08	25.01		
Limit	EIRP < 2W			Result									Pass	

NR n41 HPUE Maximum Average Power [dBm], DG = 6.8 dBi														
BW	RB	RB	Mod	Antenna 4			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
90	1	1	QPSK	22.00	22.27	22.69	22.34	22.50	22.56	25.18	25.40	25.64	32.62	1.8281
90	1	243		22.49	22.80	22.71	22.64	22.42	22.35	25.58	25.62	25.54		
90	123	61		22.39	22.71	23.01	22.52	22.71	22.61	25.47	25.72	25.82		
90	1	0		18.92	19.10	19.46	19.14	19.27	19.30	22.04	22.20	22.39		
90	1	244		19.41	19.59	19.52	19.44	19.27	19.14	22.44	22.44	22.34		
90	245	0		21.63	22.03	22.21	21.80	22.00	21.83	24.73	25.03	25.03		
Limit	EIRP < 2W			Result									Pass	

NR n41 Maximum Average Power [dBm], DG = 6.8 dBi														
BW	RB	RB	Mod	Antenna 4			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
100	1	1	QPSK	21.95	22.05	22.49	22.23	22.35	22.40	25.10	25.21	25.46	32.57	1.8072
100	1	271		22.64	22.76	22.58	22.59	22.34	22.39	25.63	25.57	25.50		
100	137	68		22.29	22.73	22.96	22.54	22.74	22.54	25.43	25.75	25.77		
100	1	0		18.82	19.08	19.43	19.16	19.14	19.17	22.00	22.12	22.31		
100	1	272		19.61	19.67	19.69	19.47	19.13	19.13	22.55	22.42	22.43		
100	273	0		21.61	22.09	22.14	21.71	21.98	21.80	24.67	25.05	24.98		
Limit	EIRP < 2W			Result									Pass	



Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 2.2 dBi														
BW	RB	RB	Mod	Antenna 5			Antenna 6			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
10	1	1	QPSK	24.00	23.69	23.82	23.68	23.51	23.10	26.85	26.61	26.49	29.20	0.8318
10	1	22		24.03	23.60	23.89	23.79	23.43	23.20	26.92	26.53	26.57		
10	12	6		24.06	23.89	24.07	23.91	23.57	23.24	27.00	26.74	26.69		
10	1	0		20.97	20.85	20.93	20.73	20.54	20.10	23.86	23.71	23.55		
10	1	23		21.12	20.84	21.03	20.86	20.43	20.14	24.00	23.65	23.62		
10	24	0		23.74	23.46	23.65	23.41	23.15	22.80	26.59	26.32	26.26		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 2.2 dBi														
BW	RB	RB	Mod	Antenna 5			Antenna 6			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
15	1	1	QPSK	24.05	23.73	23.90	23.88	23.73	23.23	26.98	26.74	26.59	29.25	0.8414
15	1	36		24.03	23.64	23.94	24.04	23.64	23.35	27.05	26.65	26.67		
15	19	9		24.13	23.93	24.12	23.95	23.60	23.37	27.05	26.78	26.77		
15	1	0		21.08	20.94	20.99	20.89	20.68	20.16	24.00	23.82	23.61		
15	1	37		21.17	20.87	21.14	21.05	20.60	20.27	24.12	23.75	23.74		
15	38	0		23.68	23.48	23.76	23.44	23.07	22.87	26.57	26.29	26.35		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 2.2 dBi														
BW	RB	RB	Mod	Antenna 5			Antenna 6			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
20	1	1	QPSK	24.08	23.75	23.79	23.85	23.63	23.10	26.98	26.70	26.47	29.25	0.8414
20	1	49		24.11	23.74	24.01	23.96	23.43	23.30	27.05	26.60	26.68		
20	25	12		24.12	23.98	24.04	23.92	23.60	23.28	27.03	26.80	26.69		
20	1	0		21.16	21.04	20.97	20.94	20.57	20.15	24.06	23.82	23.59		
20	1	50		21.15	20.77	21.11	21.01	20.51	20.35	24.09	23.65	23.76		
20	51	0		23.57	23.49	23.64	23.49	23.07	22.87	26.54	26.30	26.28		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 2.2 dBi														
BW	RB	RB	Mod	Antenna 5			Antenna 6			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
25	1	1	QPSK	23.53	23.10	23.22	23.51	23.23	22.50	26.53	26.18	25.89	29.22	0.8356
25	1	63		23.27	23.00	23.29	23.51	22.99	22.72	26.40	26.01	26.02		
25	33	16		24.03	23.81	23.94	23.99	23.56	23.25	27.02	26.70	26.62		
25	1	0		20.44	20.19	20.32	20.45	20.14	19.52	23.46	23.18	22.95		
25	1	64		20.39	20.22	20.55	20.52	19.86	19.80	23.47	23.05	23.20		
25	65	0		23.35	23.15	23.34	23.37	22.87	22.59	26.37	26.02	25.99		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 2.2 dBi														
BW	RB	RB	Mod	Antenna 5			Antenna 6			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
30	1	1	QPSK	23.93	23.74	23.76	23.95	23.84	23.21	26.95	26.80	26.50	29.33	0.8570
30	1	76		24.02	23.69	23.85	24.22	23.63	23.43	27.13	26.67	26.66		
30	39	19		24.11	23.91	24.06	24.00	23.61	23.47	27.07	26.77	26.79		
30	1	0		21.04	20.84	20.89	20.93	20.82	20.14	24.00	23.84	23.54		
30	1	77		21.24	20.91	21.19	21.23	20.65	20.48	24.25	23.79	23.86		
30	78	0		23.60	23.48	23.56	23.48	23.17	22.94	26.55	26.34	26.27		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 2.2 dBi														
BW	RB	RB	Mod	Antenna 5			Antenna 6			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
40	1	1	QPSK	24.10	23.90	23.87	24.08	23.91	23.41	27.10	26.92	26.66	29.45	0.8810
40	1	104		24.08	23.76	24.02	24.40	23.62	23.65	27.25	26.70	26.85		
40	53	26		24.26	23.86	23.89	24.06	23.62	23.33	27.17	26.75	26.63		
40	1	0		21.05	20.89	20.90	21.13	20.98	20.16	24.10	23.95	23.56		
40	1	105		21.45	20.97	21.20	21.57	20.77	20.74	24.52	23.88	23.99		
40	106	0		23.68	23.55	23.61	23.65	23.12	22.89	26.68	26.35	26.28		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 2.2 dBi														
BW	RB	RB	Mod	Antenna 5			Antenna 6			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
50	1	1	QPSK	23.93	23.72	23.87	23.95	24.01	23.38	26.95	26.88	26.64	29.47	0.8851
50	1	131		24.13	23.77	23.95	24.38	23.55	23.53	27.27	26.67	26.76		
50	67	33		24.05	23.93	24.04	24.04	23.65	23.32	27.06	26.80	26.71		
50	1	0		21.04	20.97	21.10	20.97	20.97	20.50	24.02	23.98	23.82		
50	1	132		21.24	21.02	21.15	21.30	20.69	20.67	24.28	23.87	23.93		
50	133	0		23.61	23.56	23.63	23.57	23.28	22.97	26.60	26.43	26.32		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 2.2 dBi														
BW	RB	RB	Mod	Antenna 5			Antenna 6			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
60	1	1	QPSK	24.04	23.63	23.59	23.84	23.81	23.22	26.95	26.73	26.42	29.28	0.8472
60	1	160		24.02	23.65	23.91	24.02	23.51	23.47	27.03	26.59	26.71		
60	81	40		24.06	23.93	24.00	24.08	23.63	23.22	27.08	26.79	26.64		
60	1	0		21.03	20.77	20.80	20.87	20.73	20.19	23.96	23.76	23.52		
60	1	161		21.15	20.80	21.05	21.10	20.43	20.43	24.14	23.63	23.76		
60	162	0		23.55	23.49	23.58	23.65	23.18	22.88	26.61	26.35	26.25		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 2.2 dBi														
BW	RB	RB	Mod	Antenna 5			Antenna 6			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
70	1	1	QPSK	23.85	23.60	23.53	23.92	23.91	23.09	26.90	26.77	26.33	29.23	0.8375
70	1	187		23.99	23.76	23.98	24.00	23.49	23.39	27.01	26.64	26.71		
70	95	47		24.06	24.00	24.02	23.98	23.69	23.16	27.03	26.86	26.62		
70	1	0		20.81	20.78	20.74	20.88	20.86	19.98	23.86	23.83	23.39		
70	1	188		21.11	20.90	21.13	21.12	20.41	20.44	24.13	23.67	23.81		
70	189	0		23.58	23.54	23.54	23.60	23.14	22.79	26.60	26.35	26.19		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 2.2 dBi														
BW	RB	RB	Mod	Antenna 5			Antenna 6			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
80	1	1	QPSK	23.89	23.54	23.61	23.96	23.87	23.09	26.94	26.72	26.37	29.25	0.8414
80	1	215		23.89	23.74	23.81	23.85	23.43	23.27	26.88	26.60	26.56		
80	109	54		24.04	23.96	24.02	24.04	23.65	23.21	27.05	26.82	26.64		
80	1	0		20.92	20.65	20.73	20.97	20.82	20.00	23.96	23.75	23.39		
80	1	216		20.90	20.85	21.02	20.94	20.32	20.37	23.93	23.60	23.72		
80	217	0		23.57	23.51	23.50	23.62	23.21	22.87	26.61	26.37	26.21		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 2.2 dBi														
BW	RB	RB	Mod	Antenna 5			Antenna 6			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
90	1	1	QPSK	23.74	23.60	23.63	23.90	23.52	23.16	26.83	26.57	26.41	29.21	0.8337
90	1	243		23.91	23.79	23.80	23.86	23.18	23.22	26.90	26.51	26.53		
90	123	61		24.05	23.99	24.05	23.95	23.65	23.28	27.01	26.83	26.69		
90	1	0		20.83	20.69	20.81	20.85	20.82	20.20	23.85	23.77	23.53		
90	1	244		21.05	20.93	21.03	20.94	20.25	20.47	24.01	23.61	23.77		
90	245	0		23.58	23.54	23.54	23.50	23.17	22.81	26.55	26.37	26.20		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 2.2 dBi														
BW	RB	RB	Mod	Antenna 5			Antenna 6			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
100	1	1	QPSK	23.84	24.14	23.49	23.96	23.85	23.15	26.91	27.01	26.33	29.29	0.8492
100	1	271		23.73	23.65	23.89	23.85	23.24	23.29	26.80	26.46	26.61		
100	137	68		24.09	23.92	24.05	24.06	23.69	23.27	27.09	26.82	26.69		
100	1	0		20.93	20.72	20.69	20.89	20.94	20.18	23.92	23.84	23.45		
100	1	272		20.91	20.90	21.13	20.79	20.21	20.40	23.86	23.58	23.79		
100	273	0		23.54	23.50	23.49	23.59	23.16	22.84	26.58	26.34	26.19		
Limit	EIRP < 1W			Result									Pass	



Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 2.2 dBi														
BW	RB	RB	Mod	Antenna 5			Antenna 6			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
10	1	1	QPSK	24.23	24.42	24.51	23.57	23.84	24.01	26.92	27.15	27.28	29.49	0.8892
10	1	22		24.25	24.33	24.44	23.45	23.71	23.99	26.88	27.04	27.23		
10	12	6		24.21	24.36	24.44	23.54	23.87	24.11	26.90	27.13	27.29		
10	1	0		21.14	21.52	21.57	20.58	20.79	21.06	23.88	24.18	24.33		
10	1	23		21.14	21.33	21.60	20.38	20.69	21.06	23.79	24.03	24.35		
10	24	0		23.77	23.89	24.04	23.07	23.44	23.57	26.44	26.68	26.82		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 2.2 dBi														
BW	RB	RB	Mod	Antenna 5			Antenna 6			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
15	1	1	QPSK	24.36	24.46	24.41	23.67	23.91	23.96	27.04	27.20	27.20	29.48	0.8872
15	1	36		24.15	24.34	24.39	23.58	23.80	24.07	26.88	27.09	27.24		
15	19	9		24.34	24.46	24.46	23.65	23.91	24.08	27.02	27.20	27.28		
15	1	0		21.44	21.52	21.45	20.67	20.83	20.85	24.08	24.20	24.17		
15	1	37		21.29	21.34	21.47	20.58	20.72	20.95	23.96	24.05	24.23		
15	38	0		23.85	23.98	23.96	23.18	23.45	23.58	26.54	26.73	26.78		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 2.2 dBi														
BW	RB	RB	Mod	Antenna 5			Antenna 6			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
20	1	1	QPSK	24.31	24.47	24.41	23.68	23.94	23.82	27.02	27.22	27.14	29.45	0.8810
20	1	49		24.34	24.25	24.46	23.76	23.74	24.01	27.07	27.01	27.25		
20	25	12		24.27	24.33	24.36	23.66	23.88	23.93	26.99	27.12	27.16		
20	1	0		21.43	21.49	21.39	20.61	20.91	20.68	24.05	24.22	24.06		
20	1	50		21.30	21.28	21.38	20.64	20.68	20.92	23.99	24.00	24.17		
20	51	0		23.92	24.00	23.97	23.24	23.42	23.49	26.60	26.73	26.75		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 2.2 dBi														
BW	RB	RB	Mod	Antenna 5			Antenna 6			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
25	1	1	QPSK	23.68	23.87	23.58	23.26	23.38	23.15	26.49	26.64	26.38	29.27	0.8453
25	1	63		23.54	23.55	23.69	23.27	23.19	23.42	26.42	26.38	26.57		
25	33	16		24.19	24.22	24.24	23.70	23.90	23.87	26.96	27.07	27.07		
25	1	0		20.69	20.68	20.52	20.19	20.42	20.06	23.46	23.56	23.31		
25	1	64		20.64	20.50	20.65	20.23	20.05	20.29	23.45	23.29	23.48		
25	65	0		23.66	23.55	23.70	23.23	23.26	23.25	26.46	26.42	26.49		
Limit	EIRP < 1W			Result									Pass	



Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 2.2 dBi														
BW	RB	RB	Mod	Antenna 5			Antenna 6			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
30	1	1	QPSK	24.15	24.41	24.30	23.71	24.05	23.92	26.95	27.24	27.12	29.64	0.9204
30	1	76		24.41	24.29	24.49	23.94	23.77	24.37	27.19	27.05	27.44		
30	39	19		24.24	24.41	24.61	23.75	24.14	24.11	27.01	27.29	27.38		
30	1	0		21.39	21.59	21.45	20.58	21.10	20.89	24.01	24.36	24.19		
30	1	77		21.48	21.44	21.60	20.78	20.93	21.22	24.15	24.20	24.42		
30	78	0		23.77	23.90	24.12	23.29	23.59	23.70	26.55	26.76	26.93		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 2.2 dBi														
BW	RB	RB	Mod	Antenna 5			Antenna 6			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
40	1	1	QPSK	24.49	24.51	24.15	24.08	24.14	23.72	27.30	27.34	26.95	29.58	0.9078
40	1	104		24.50	24.17	24.41	24.23	23.88	24.32	27.38	27.04	27.38		
40	53	26		24.26	24.33	24.31	23.86	24.01	23.99	27.07	27.18	27.16		
40	1	0		21.50	21.50	21.37	20.81	20.95	20.89	24.18	24.24	24.15		
40	1	105		21.58	21.34	21.55	21.33	20.93	21.36	24.47	24.15	24.47		
40	106	0		23.96	23.95	24.01	23.57	23.58	23.71	26.78	26.78	26.87		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 2.2 dBi														
BW	RB	RB	Mod	Antenna 5			Antenna 6			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
50	1	1	QPSK	24.30	24.37	24.27	23.84	23.91	23.90	27.09	27.16	27.10	29.58	0.9078
50	1	131		24.45	24.37	24.48	24.09	23.98	24.25	27.28	27.19	27.38		
50	67	33		24.18	24.47	24.24	23.88	24.02	23.83	27.04	27.26	27.05		
50	1	0		21.35	21.45	21.41	20.77	20.94	20.84	24.08	24.21	24.14		
50	1	132		21.56	21.48	21.52	21.02	20.96	21.11	24.31	24.24	24.33		
50	133	0		23.92	23.96	23.88	23.51	23.60	23.48	26.73	26.79	26.69		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 2.2 dBi														
BW	RB	RB	Mod	Antenna 5			Antenna 6			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
60	1	1	QPSK	24.30	24.25	24.30	23.80	23.77	24.01	27.07	27.03	27.17	29.49	0.8892
60	1	160		24.30	24.29	24.36	23.91	23.91	24.19	27.12	27.11	27.29		
60	81	40		24.40	24.47	24.24	24.11	24.07	23.95	27.27	27.28	27.11		
60	1	0		21.22	21.31	21.40	20.75	20.89	20.87	24.00	24.12	24.15		
60	1	161		21.44	21.38	21.48	20.96	20.99	21.04	24.22	24.20	24.28		
60	162	0		23.98	23.96	23.95	23.56	23.54	23.53	26.79	26.77	26.76		
Limit	EIRP < 1W			Result									Pass	



Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 2.2 dBi														
BW	RB	RB	Mod	Antenna 5			Antenna 6			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
70	1	1	QPSK	24.15	24.21	24.46	23.71	23.71	24.06	26.95	26.98	27.27	29.49	0.8892
70	1	187		24.19	24.32	24.33	23.85	24.05	24.17	27.03	27.20	27.26		
70	95	47		24.47	24.48	24.44	24.00	24.08	24.09	27.25	27.29	27.28		
70	1	0		21.20	21.17	21.42	20.55	20.62	20.92	23.90	23.91	24.19		
70	1	188		21.35	21.42	21.43	20.73	20.96	21.06	24.06	24.21	24.26		
70	189	0		23.93	23.97	23.94	23.42	23.61	23.70	26.69	26.80	26.83		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 2.2 dBi														
BW	RB	RB	Mod	Antenna 5			Antenna 6			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
80	1	1	QPSK	24.12	24.09	24.12	23.67	23.64	23.77	26.91	26.88	26.96	29.49	0.8892
80	1	215		24.17	24.35	24.33	23.95	24.09	24.16	27.07	27.23	27.26		
80	109	54		24.50	24.40	24.37	24.05	24.04	24.01	27.29	27.23	27.20		
80	1	0		21.25	21.09	21.16	20.68	20.52	20.63	23.98	23.82	23.91		
80	1	216		21.25	21.44	21.42	20.86	20.99	21.08	24.07	24.23	24.26		
80	217	0		23.85	23.99	23.86	23.57	23.54	23.61	26.72	26.78	26.75		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 2.2 dBi														
BW	RB	RB	Mod	Antenna 5			Antenna 6			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
90	1	1	QPSK	24.08	24.22	24.23	23.64	23.73	23.75	26.88	26.99	27.01	29.56	0.9036
90	1	243		24.42	24.50	24.34	24.13	24.09	24.15	27.29	27.31	27.26		
90	123	61		24.38	24.43	24.49	23.95	24.02	24.20	27.18	27.24	27.36		
90	1	0		21.11	21.23	21.26	20.67	20.84	20.83	23.91	24.05	24.06		
90	1	244		21.51	21.55	21.40	21.00	21.19	21.10	24.27	24.38	24.26		
90	245	0		23.85	23.86	23.95	23.40	23.48	23.62	26.64	26.68	26.80		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 2.2 dBi														
BW	RB	RB	Mod	Antenna 5			Antenna 6			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
100	1	1	QPSK	-	24.30	-	-	23.73	-	-	27.03	-	29.53	0.8974
100	1	271		-	24.46	-	-	24.18	-	-	27.33	-		
100	137	68		-	24.42	-	-	24.07	-	-	27.26	-		
100	1	0		-	21.27	-	-	20.60	-	-	23.96	-		
100	1	272		-	21.57	-	-	21.06	-	-	24.33	-		
100	273	0		-	23.95	-	-	23.54	-	-	26.76	-		
Limit	EIRP < 1W			Result									Pass	



Appendix B. Test Results of Radiated Test

B1.1. Summary of each worse mode

Mode	Part	Band	Ch	Freq (MHz)	Level (dBm)	Det	Ant Factor (dB)	Amp/Cbl (dB)	Filter (dB)	EIRPCF (dB)	Reading (dBuV)	Limit (dBm)	Margin (dB)	Pol	Ant
1	Part 24E	NR SA n25	H	13140	-31.22	RMS	39.02	-13.26	0.42	-95.23	37.83	-13.00	-18.22	H	ANT2
2	Part 24E	EN-DC B66+n25	M	3735	-31.23	RMS	33.17	-24.15	0.67	-95.23	54.31	-13.00	-18.23	H	ANT2+4
1	Part 27N	NR SA n71	L	8640	-47.22	RMS	35.82	-19.27	0.27	-95.23	31.19	-13.00	-34.22	H	ANT0
1	Part 27L	NR SA n66	M	12090	-39.29	RMS	39.00	-15.78	0.28	-95.23	32.44	-13.00	-26.29	V	ANT2
2	Part 27L	EN-DC B2+n66	H	3495	-35.41	RMS	32.83	-24.42	0.74	-95.23	50.67	-13.00	-22.41	V	ANT2+4
1	Part 27M	NR SA n41	M	15270	-39.31	RMS	39.96	-13.00	0.61	-95.23	28.35	-25.00	-14.31	H	ANT4
2	Part 27M	EN-DC B2+n41	H	5190	-43.65	RMS	34.46	-22.27	0.33	-95.23	39.06	-25.00	-18.65	V	ANT2+4
3	Part 27M	NR SA n41	H	15555	-37.97	RMS	40.22	-13.02	0.63	-95.23	29.43	-25.00	-12.97	V	ANT2
4	Part 27M	NR SA n41	L	14985	-38.97	RMS	40.07	-12.99	0.59	-95.23	28.59	-25.00	-13.97	H	ANT3
5	Part 27M	NR SA n41	M	15270	-38.74	RMS	39.96	-13.00	0.61	-95.23	28.92	-25.00	-13.74	H	ANT1
6	Part 27M	NR SA n41	M	15270	-37.84	RMS	39.96	-13.00	0.61	-95.23	29.82	-25.00	-12.84	H	ANT4+2
7	Part 27M	NR SA n41	H	5190	-38.42	RMS	34.46	-22.27	0.33	-95.23	44.29	-25.00	-13.42	H	ANT4+3
8	Part 27M	NR SA n41	H	15555	-38.15	RMS	40.22	-13.02	0.63	-95.23	29.25	-25.00	-13.15	H	ANT4+1
9	Part 27M	NR SA n41	M	7635	-37.42	RMS	35.90	-20.11	0.35	-95.23	41.67	-25.00	-12.42	H	ANT2+3
10	Part 27M	NR SA n41	M	15270	-35.21	RMS	39.96	-13.00	0.61	-95.23	32.45	-25.00	-10.21	H	ANT2+1
11	Part 27M	NR SA n41	H	5190	-37.99	RMS	34.46	-22.27	0.33	-95.23	44.72	-25.00	-12.99	H	ANT3+1

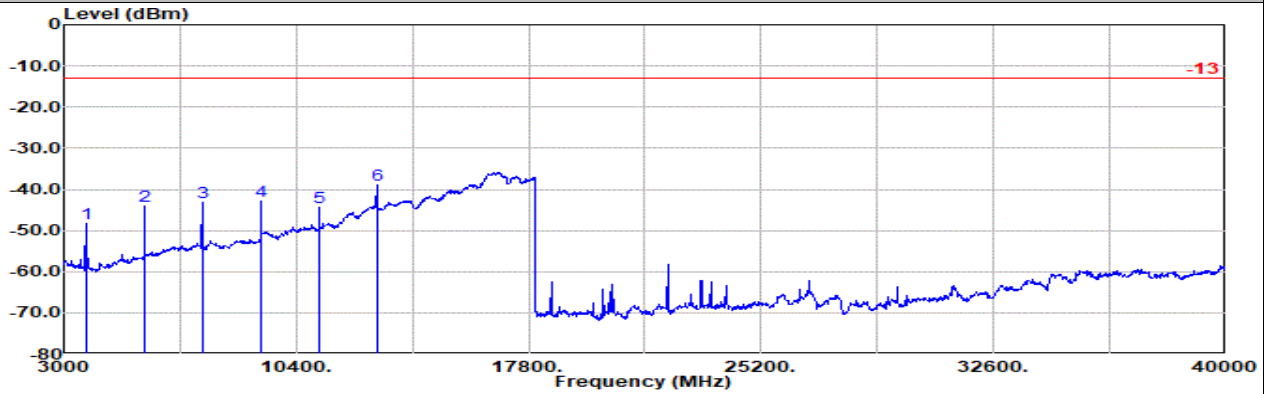


ANT2

Part 24E Mode 1

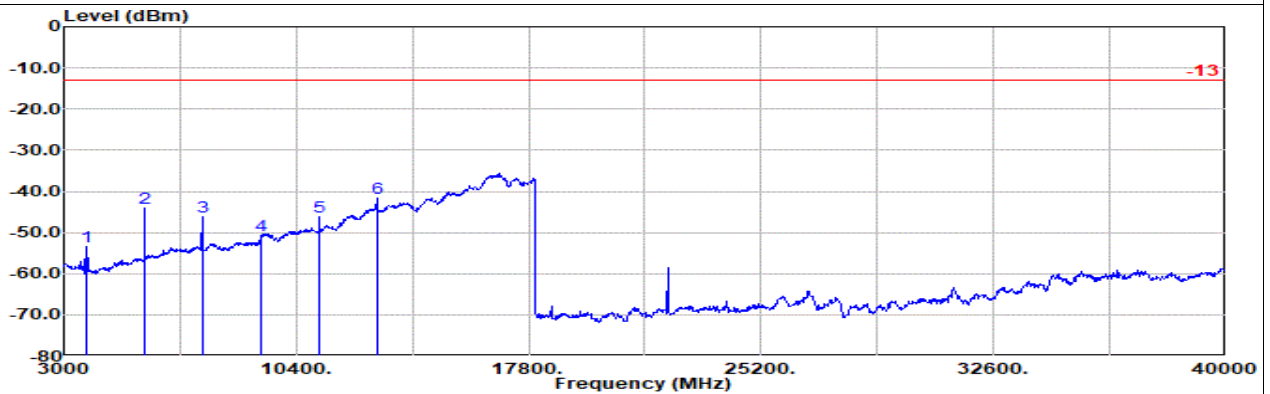
NR SA n25 40M Ch374000 1RB1 BPSK

L



Site : 03CH07-HY
 Condition: -13 3m HF_ANT_00075962 Horizontal
 Mode : NR_SA n25_40M_CH374000_BPSK_1RB1

Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Reading	Limit	Margin	Pol
			Factor	1						
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	3705.00	-48.17 RMS	33.11	-24.19	0.67	-95.23	37.47	-13.00	-35.17	Horizontal
2	5565.00	-44.21 RMS	34.70	-21.91	0.51	-95.23	37.72	-13.00	-31.21	Horizontal
3	7410.00	-43.13 RMS	35.68	-20.16	0.31	-95.23	36.27	-13.00	-30.13	Horizontal
4	9270.00	-42.85 RMS	36.24	-18.82	0.34	-95.23	34.62	-13.00	-29.85	Horizontal
5	11115.00	-44.34 RMS	37.87	-16.54	0.27	-95.23	29.29	-13.00	-31.34	Horizontal
6	12960.00	-39.01 RMS	39.46	-13.77	0.39	-95.23	30.14	-13.00	-26.01	Horizontal



Site : 03CH07-HY
 Condition: -13 3m HF_ANT_00075962 Vertical
 Mode : NR_SA n25_40M_CH374000_BPSK_1RB1

Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Reading	Limit	Margin	Pol
			Factor	1						
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	3705.00	-53.41 RMS	33.11	-24.19	0.67	-95.23	32.23	-13.00	-40.41	Vertical
2	5565.00	-43.99 RMS	34.70	-21.91	0.51	-95.23	37.94	-13.00	-30.99	Vertical
3	7410.00	-46.05 RMS	35.68	-20.16	0.31	-95.23	33.35	-13.00	-33.05	Vertical
4	9270.00	-50.62 RMS	36.24	-18.82	0.34	-95.23	26.85	-13.00	-37.62	Vertical
5	11115.00	-46.17 RMS	37.87	-16.54	0.27	-95.23	27.46	-13.00	-33.17	Vertical
6	12960.00	-41.65 RMS	39.46	-13.77	0.39	-95.23	27.50	-13.00	-28.65	Vertical

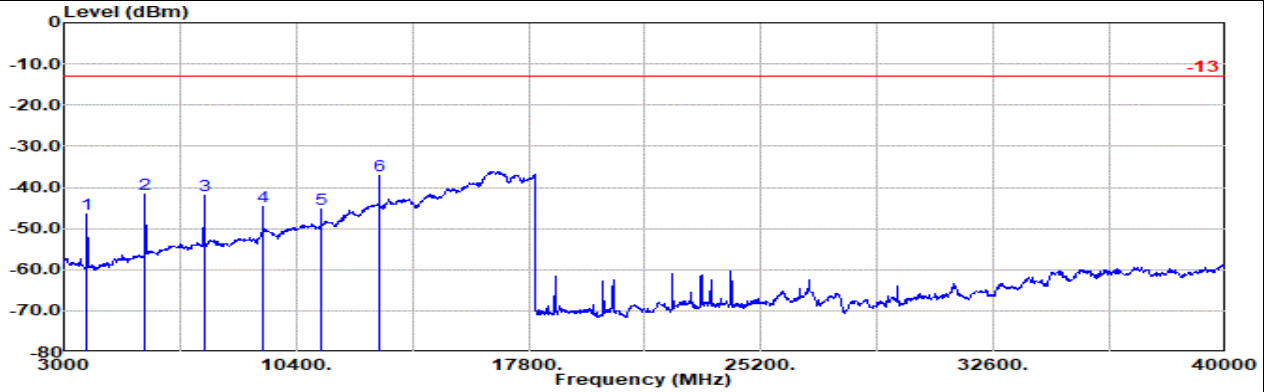


ANT2

Part 24E Mode 1

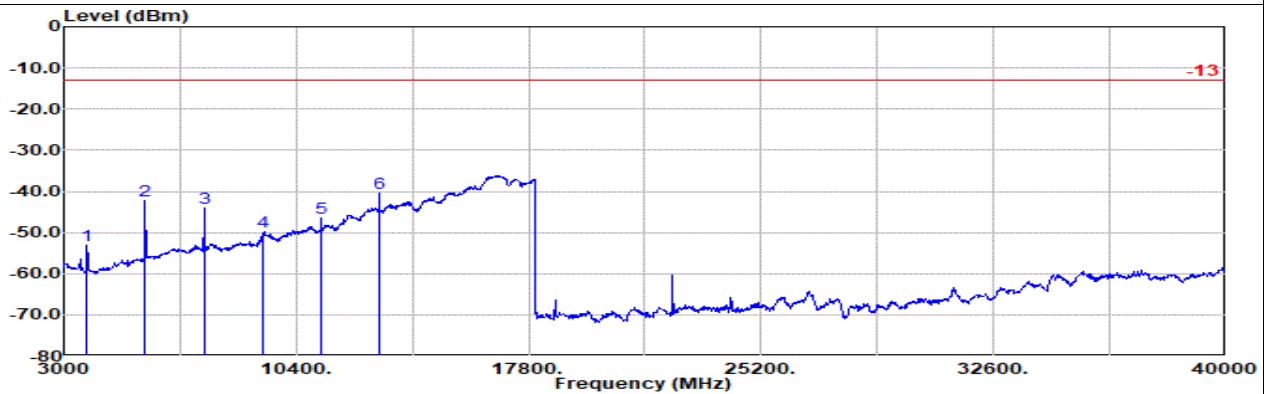
NR SA n25 40M Ch376500 1RB1 BPSK

M



Site : 03CH07-HY
 Condition: -13 3m HF_ANT_00075962 Horizontal
 Mode : NR_SA n25_40M_CH376500_BPSK_1RB1

Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Reading	Limit	Margin	Pol	
			Factor	1							dB
1	3735.00	-46.57	RMS	33.17	-24.15	0.67	-95.23	38.97	-13.00	-33.57	Horizontal
2	5595.00	-41.59	RMS	34.70	-21.90	0.53	-95.23	40.31	-13.00	-28.59	Horizontal
3	7470.00	-41.91	RMS	35.56	-20.11	0.32	-95.23	37.55	-13.00	-28.91	Horizontal
4	9330.00	-44.72	RMS	36.24	-18.80	0.52	-95.23	32.55	-13.00	-31.72	Horizontal
5	11190.00	-45.25	RMS	37.88	-16.48	0.27	-95.23	28.31	-13.00	-32.25	Horizontal
6	13050.00	-37.17	RMS	39.00	-13.52	0.41	-95.23	32.17	-13.00	-24.17	Horizontal



Site : 03CH07-HY
 Condition: -13 3m HF_ANT_00075962 Vertical
 Mode : NR_SA n25_40M_CH376500_BPSK_1RB1

Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Reading	Limit	Margin	Pol	
			Factor	1							dB
1	3735.00	-53.25	RMS	33.17	-24.15	0.67	-95.23	32.29	-13.00	-40.25	Vertical
2	5595.00	-42.15	RMS	34.70	-21.90	0.53	-95.23	39.75	-13.00	-29.15	Vertical
3	7470.00	-44.03	RMS	35.56	-20.11	0.32	-95.23	35.43	-13.00	-31.03	Vertical
4	9330.00	-49.78	RMS	36.24	-18.80	0.52	-95.23	27.49	-13.00	-36.78	Vertical
5	11190.00	-46.47	RMS	37.88	-16.48	0.27	-95.23	27.09	-13.00	-33.47	Vertical
6	13050.00	-40.49	RMS	39.00	-13.52	0.41	-95.23	28.85	-13.00	-27.49	Vertical

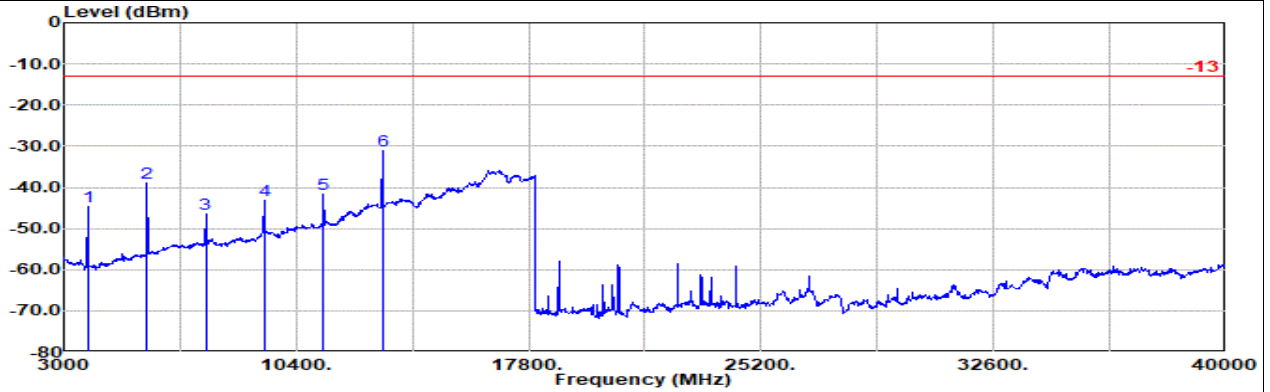


ANT2

Part 24E Mode 1

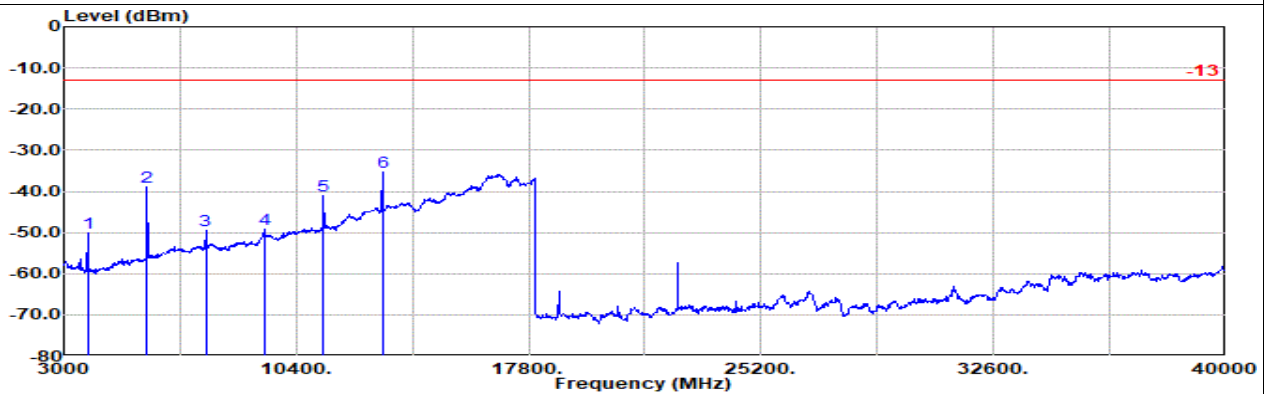
NR SA n25 40M Ch379000 1RB1 BPSK

H



Site : 03CH07-HY
 Condition: -13 3m HF_ANT_00075962 Horizontal
 Mode : NR_SA n25_40M_CH379000_BPSK_1RB1

Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Reading	Limit	Margin	Pol	
			Factor	1							dB
1	3765.00	-44.59	RMS	33.26	-24.11	0.67	-95.23	40.82	-13.00	-31.59	Horizontal
2	5640.00	-38.83	RMS	34.94	-21.86	0.47	-95.23	42.85	-13.00	-25.83	Horizontal
3	7515.00	-46.60	RMS	35.56	-20.09	0.33	-95.23	32.83	-13.00	-33.60	Horizontal
4	9390.00	-43.23	RMS	36.28	-18.78	0.71	-95.23	33.79	-13.00	-30.23	Horizontal
5	11265.00	-41.54	RMS	38.03	-16.43	0.27	-95.23	31.82	-13.00	-28.54	Horizontal
6	13140.00	-31.22	RMS	39.02	-13.26	0.42	-95.23	37.83	-13.00	-18.22	Horizontal



Site : 03CH07-HY
 Condition: -13 3m HF_ANT_00075962 Vertical
 Mode : NR_SA n25_40M_CH379000_BPSK_1RB1

Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Reading	Limit	Margin	Pol	
			Factor	1							dB
1	3765.00	-50.07	RMS	33.26	-24.11	0.67	-95.23	35.34	-13.00	-37.07	Vertical
2	5640.00	-38.81	RMS	34.94	-21.86	0.47	-95.23	42.87	-13.00	-25.81	Vertical
3	7515.00	-49.39	RMS	35.56	-20.09	0.33	-95.23	30.04	-13.00	-36.39	Vertical
4	9390.00	-49.11	RMS	36.28	-18.78	0.71	-95.23	27.91	-13.00	-36.11	Vertical
5	11265.00	-41.07	RMS	38.03	-16.43	0.27	-95.23	32.29	-13.00	-28.07	Vertical
6	13140.00	-35.34	RMS	39.02	-13.26	0.42	-95.23	33.71	-13.00	-22.34	Vertical

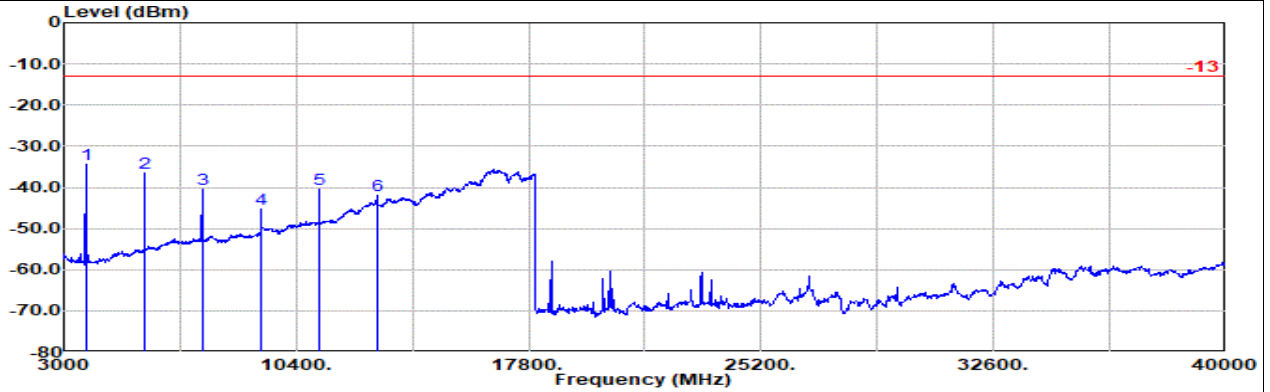


ANT2+4

Part 24E Mode 2

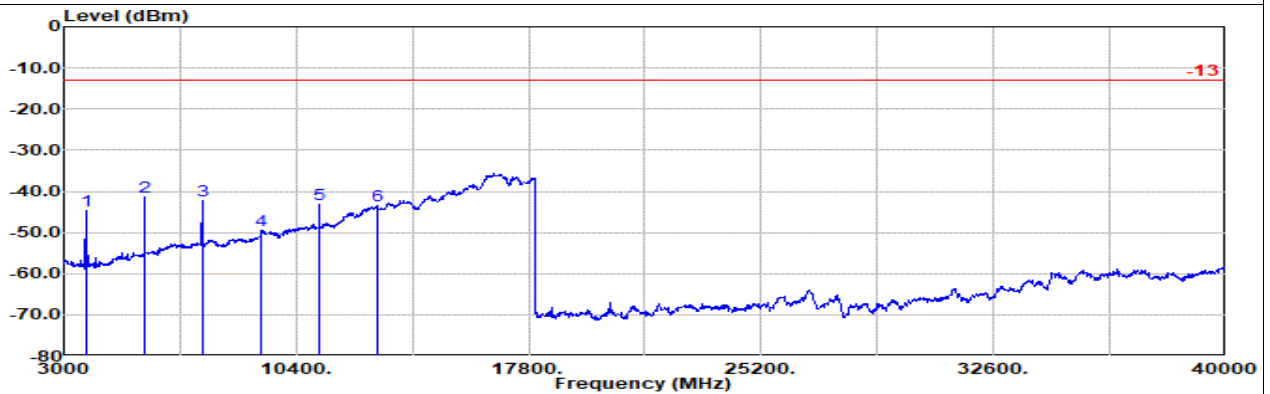
EN-DC B66+n25 10M + 40M Ch132322 1RB0 QPSK + Ch374000 1RB1 BPSK

L



Site : 03CH07-HY
 Condition: -13 3m HF_ANT_00075962 Horizontal
 Mode : ENDC B66+n25_40M_CH374000_BPSK_1RB1

Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	3705.00	-34.44 RMS	33.11	-24.19	0.67	-95.23	51.20	-13.00	-21.44	Horizontal
2	5565.00	-36.66 RMS	34.70	-21.91	0.51	-95.23	45.27	-13.00	-23.66	Horizontal
3	7410.00	-40.56 RMS	35.68	-20.16	0.31	-95.23	38.84	-13.00	-27.56	Horizontal
4	9270.00	-45.39 RMS	36.24	-18.82	0.34	-95.23	32.08	-13.00	-32.39	Horizontal
5	11115.00	-40.57 RMS	37.87	-16.54	0.27	-95.23	33.06	-13.00	-27.57	Horizontal
6	12960.00	-42.02 RMS	39.46	-13.77	0.39	-95.23	27.13	-13.00	-29.02	Horizontal



Site : 03CH07-HY
 Condition: -13 3m HF_ANT_00075962 Vertical
 Mode : ENDC B66+n25_40M_CH374000_BPSK_1RB1

Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	3705.00	-44.73 RMS	33.11	-24.19	0.67	-95.23	40.91	-13.00	-31.73	Vertical
2	5565.00	-41.31 RMS	34.70	-21.91	0.51	-95.23	40.62	-13.00	-28.31	Vertical
3	7410.00	-42.31 RMS	35.68	-20.16	0.31	-95.23	37.09	-13.00	-29.31	Vertical
4	9270.00	-49.38 RMS	36.24	-18.82	0.34	-95.23	28.09	-13.00	-36.38	Vertical
5	11115.00	-43.19 RMS	37.87	-16.54	0.27	-95.23	30.44	-13.00	-30.19	Vertical
6	12960.00	-43.34 RMS	39.46	-13.77	0.39	-95.23	25.81	-13.00	-30.34	Vertical

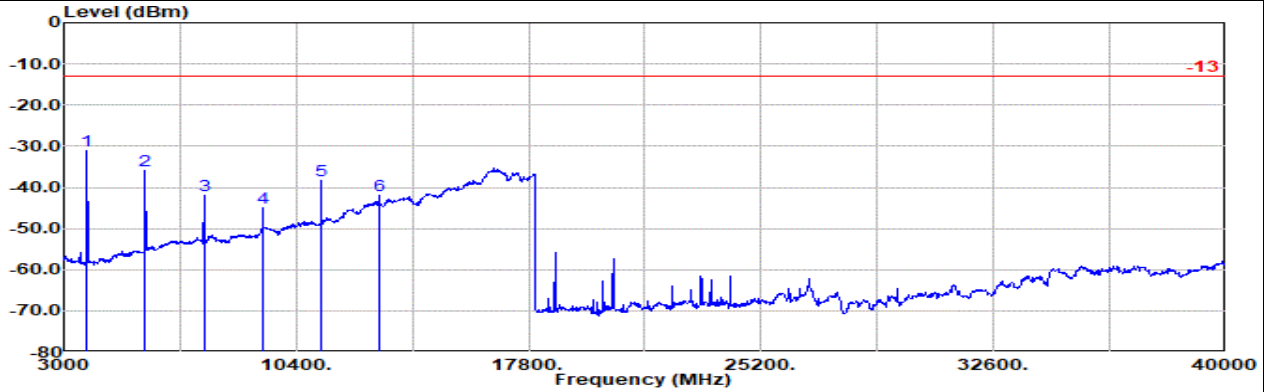


ANT2+4

Part 24E Mode 2

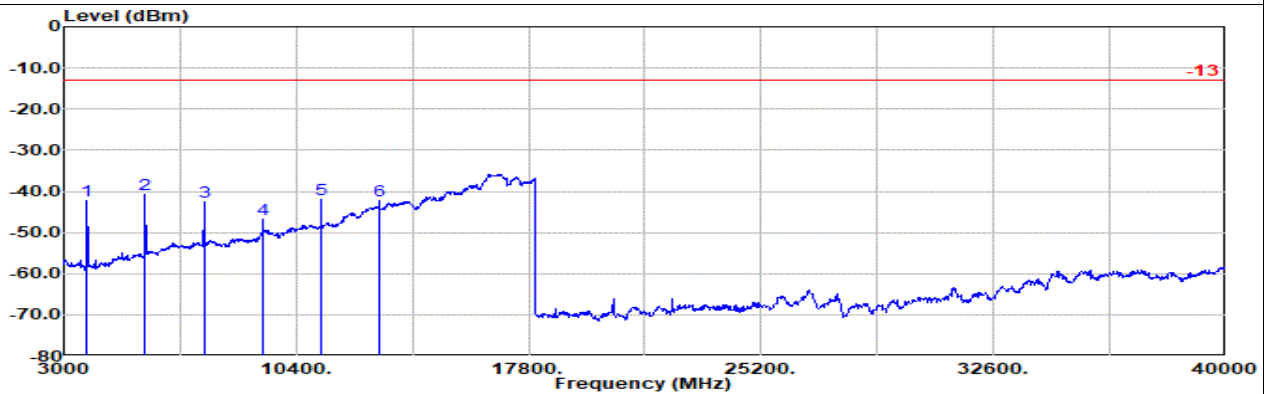
EN-DC B66+n25 10M + 40M Ch132322 1RB0 QPSK + Ch376500 1RB1 BPSK

M



Site : 03CH07-HY
 Condition: -13 3m HF_ANT_00075962 Horizontal
 Mode : ENDC B66+n25_40M_CH376500_BPSK_1RB1

1	2	3	4	5	6					
Freq MHz	Level dBm	Detector	Ant Factor	Amp\Cb dB	Filter dB	EIRPCF dB	Reading dBuV	Limit dBm	Margin dB	Pol
3735.00	-31.23	RMS	33.17	-24.15	0.67	-95.23	54.31	-13.00	-18.23	Horizontal
5595.00	-35.83	RMS	34.70	-21.90	0.53	-95.23	46.07	-13.00	-22.83	Horizontal
7470.00	-41.89	RMS	35.56	-20.11	0.32	-95.23	37.57	-13.00	-28.89	Horizontal
9330.00	-44.94	RMS	36.24	-18.80	0.52	-95.23	32.33	-13.00	-31.94	Horizontal
11190.00	-38.49	RMS	37.88	-16.48	0.27	-95.23	35.07	-13.00	-25.49	Horizontal
13050.00	-41.87	RMS	39.00	-13.52	0.41	-95.23	27.47	-13.00	-28.87	Horizontal



Site : 03CH07-HY
 Condition: -13 3m HF_ANT_00075962 Vertical
 Mode : ENDC B66+n25_40M_CH376500_BPSK_1RB1

1	2	3	4	5	6					
Freq MHz	Level dBm	Detector	Ant Factor	Amp\Cb dB	Filter dB	EIRPCF dB	Reading dBuV	Limit dBm	Margin dB	Pol
3735.00	-42.26	RMS	33.17	-24.15	0.67	-95.23	43.28	-13.00	-29.26	Vertical
5595.00	-40.60	RMS	34.70	-21.90	0.53	-95.23	41.30	-13.00	-27.60	Vertical
7470.00	-42.52	RMS	35.56	-20.11	0.32	-95.23	36.94	-13.00	-29.52	Vertical
9330.00	-46.72	RMS	36.24	-18.80	0.52	-95.23	30.55	-13.00	-33.72	Vertical
11190.00	-42.05	RMS	37.88	-16.48	0.27	-95.23	31.51	-13.00	-29.05	Vertical
13050.00	-42.39	RMS	39.00	-13.52	0.41	-95.23	26.95	-13.00	-29.39	Vertical

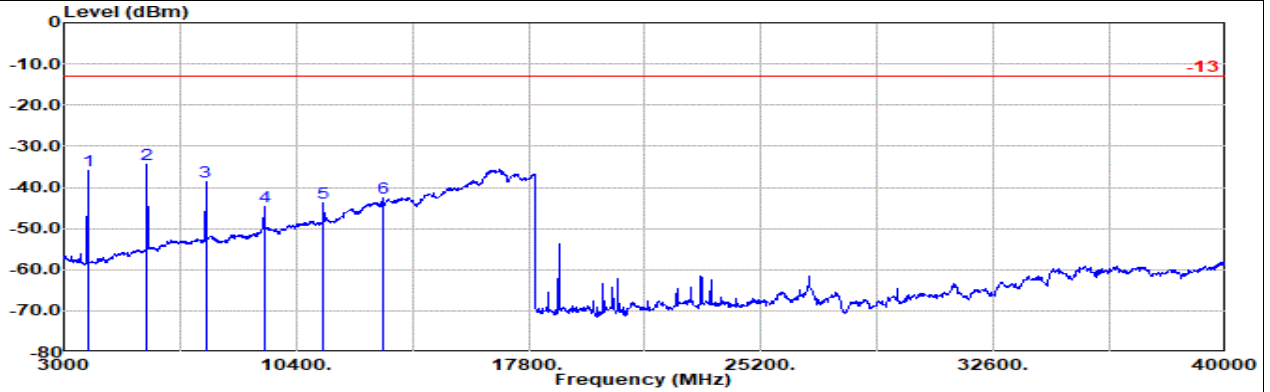


ANT2+4

Part 24E Mode 2

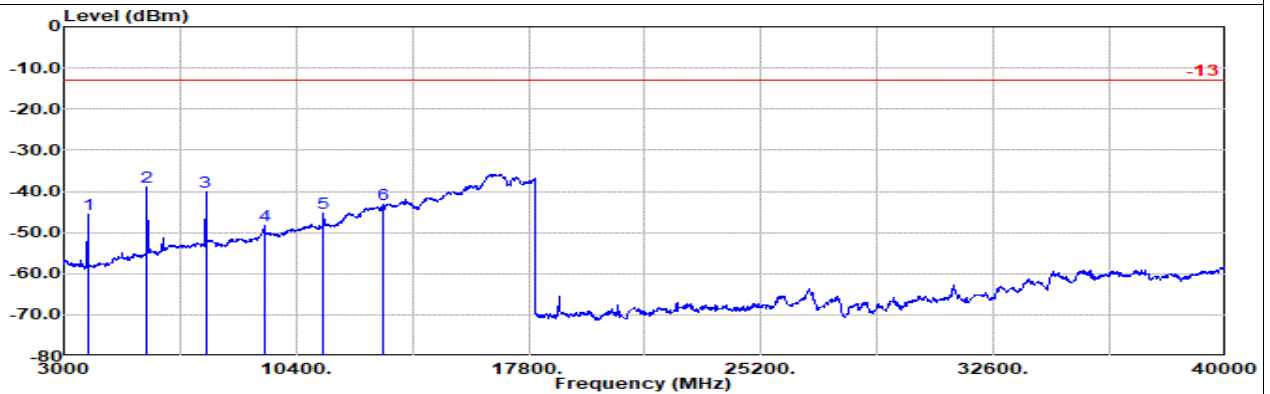
EN-DC B66+n25 10M + 40M Ch132322 1RB0 QPSK + Ch379000 1RB1 BPSK

H



Site : 03CH07-HY
 Condition: -13 3m HF_ANT_00075962 Horizontal
 Mode : ENDC B66+n25_40M_CH379000_BPSK_1RB1

Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Reading	Limit	Margin	Pol
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1 3765.00	-35.87	RMS	33.26	-24.11	0.67	-95.23	49.54	-13.00	-22.87	Horizontal
2 5640.00	-34.52	RMS	34.94	-21.86	0.47	-95.23	47.16	-13.00	-21.52	Horizontal
3 7515.00	-38.50	RMS	35.56	-20.09	0.33	-95.23	40.93	-13.00	-25.50	Horizontal
4 9390.00	-44.75	RMS	36.28	-18.78	0.71	-95.23	32.27	-13.00	-31.75	Horizontal
5 11265.00	-43.73	RMS	38.03	-16.43	0.27	-95.23	29.63	-13.00	-30.73	Horizontal
6 13140.00	-42.60	RMS	39.02	-13.26	0.42	-95.23	26.45	-13.00	-29.60	Horizontal



Site : 03CH07-HY
 Condition: -13 3m HF_ANT_00075962 Vertical
 Mode : ENDC B66+n25_40M_CH379000_BPSK_1RB1

Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Reading	Limit	Margin	Pol
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1 3765.00	-45.71	RMS	33.26	-24.11	0.67	-95.23	39.70	-13.00	-32.71	Vertical
2 5640.00	-38.80	RMS	34.94	-21.86	0.47	-95.23	42.88	-13.00	-25.80	Vertical
3 7515.00	-40.30	RMS	35.56	-20.09	0.33	-95.23	39.13	-13.00	-27.30	Vertical
4 9390.00	-48.17	RMS	36.28	-18.78	0.71	-95.23	28.85	-13.00	-35.17	Vertical
5 11265.00	-45.32	RMS	38.03	-16.43	0.27	-95.23	28.04	-13.00	-32.32	Vertical
6 13140.00	-43.28	RMS	39.02	-13.26	0.42	-95.23	25.77	-13.00	-30.28	Vertical

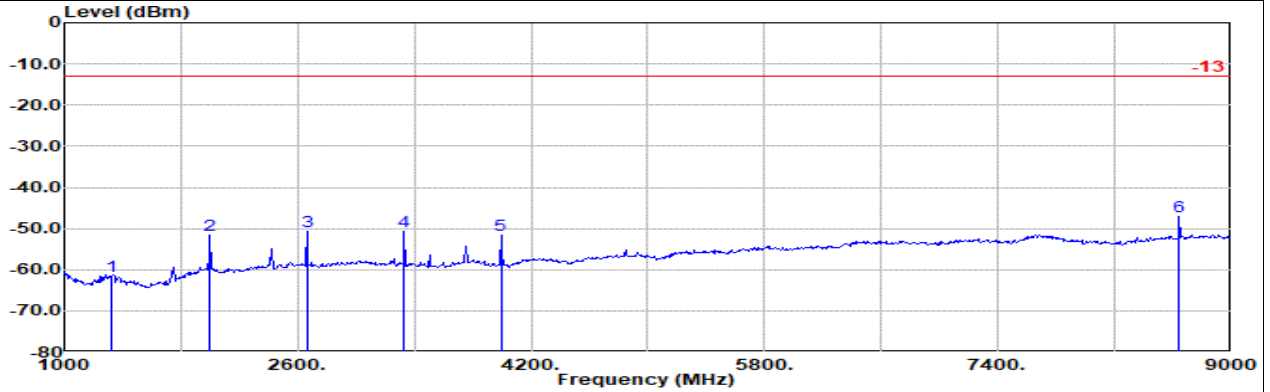


ANT0

Part 27N Mode 1

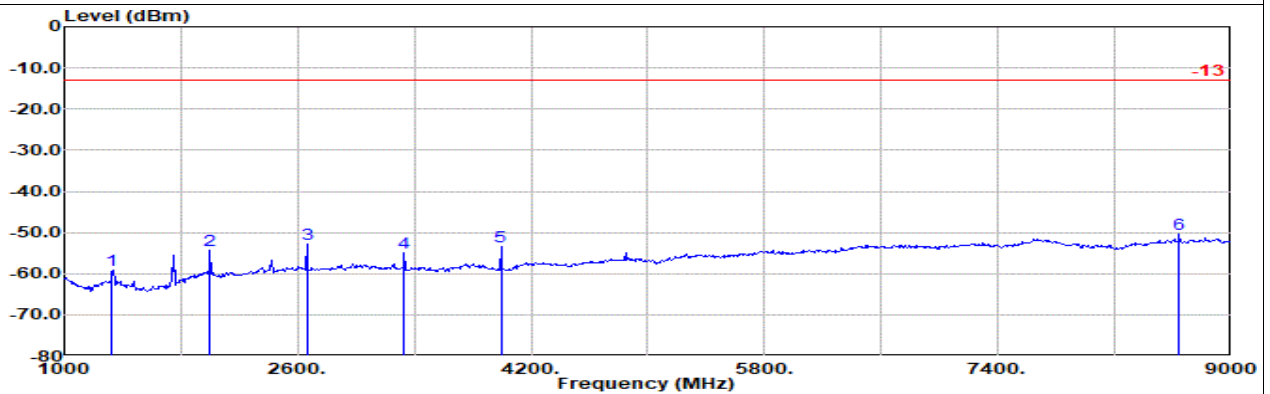
NR SA n71 20M Ch134600 1RB1 BPSK

L



Site : 03CH07-HY
 Condition: -13 3m HF_ANT_00075962 Horizontal
 Mode : NR_SA n71_20M_CH134600_BPSK_1RB1

	Freq	Level	Detector	Ant Factor	Amp	\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB	dBuV	dBm	dB	
1	1328.00	-61.56	RMS	29.20	-27.98	0.48	-95.23	31.97	-13.00	-48.56	Horizontal	
2	2000.00	-51.52	RMS	31.90	-26.74	0.27	-95.23	38.28	-13.00	-38.52	Horizontal	
3	2664.00	-50.64	RMS	32.66	-25.31	0.17	-95.23	37.07	-13.00	-37.64	Horizontal	
4	3328.00	-50.72	RMS	32.86	-24.49	0.14	-95.23	36.00	-13.00	-37.72	Horizontal	
5	3992.00	-51.62	RMS	33.30	-23.91	0.51	-95.23	33.71	-13.00	-38.62	Horizontal	
6	8640.00	-47.22	RMS	35.82	-19.27	0.27	-95.23	31.19	-13.00	-34.22	Horizontal	



Site : 03CH07-HY
 Condition: -13 3m HF_ANT_00075962 Vertical
 Mode : NR_SA n71_20M_CH134600_BPSK_1RB1

	Freq	Level	Detector	Ant Factor	Amp	\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB	dBuV	dBm	dB	
1	1328.00	-59.28	RMS	29.20	-27.98	0.48	-95.23	34.25	-13.00	-46.28	Vertical	
2	2000.00	-54.44	RMS	31.90	-26.74	0.27	-95.23	35.36	-13.00	-41.44	Vertical	
3	2664.00	-52.72	RMS	32.66	-25.31	0.17	-95.23	34.99	-13.00	-39.72	Vertical	
4	3328.00	-54.87	RMS	32.86	-24.49	0.14	-95.23	31.85	-13.00	-41.87	Vertical	
5	3992.00	-53.49	RMS	33.30	-23.91	0.51	-95.23	31.84	-13.00	-40.49	Vertical	
6	8640.00	-50.39	RMS	35.82	-19.27	0.27	-95.23	28.02	-13.00	-37.39	Vertical	

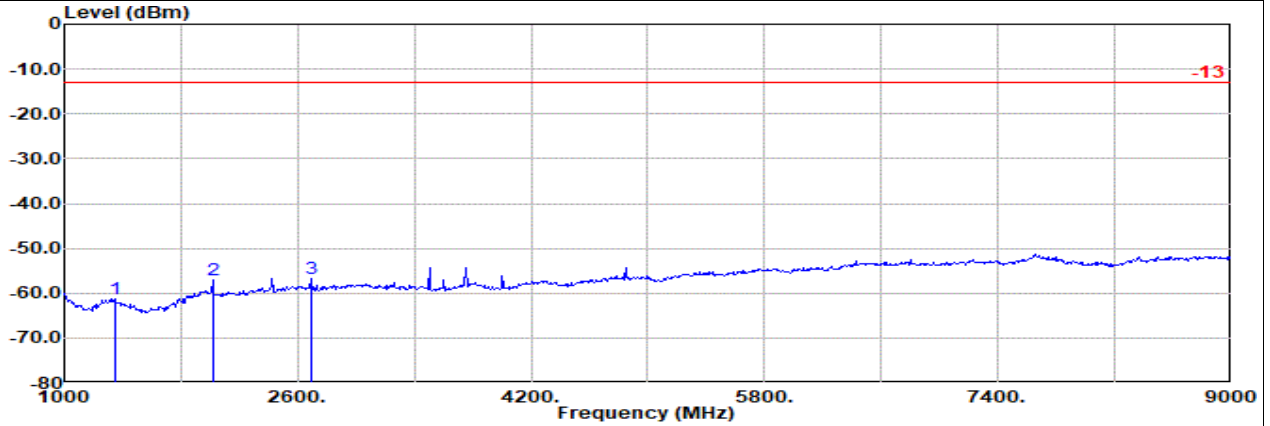


ANT0

Part 27N Mode 1

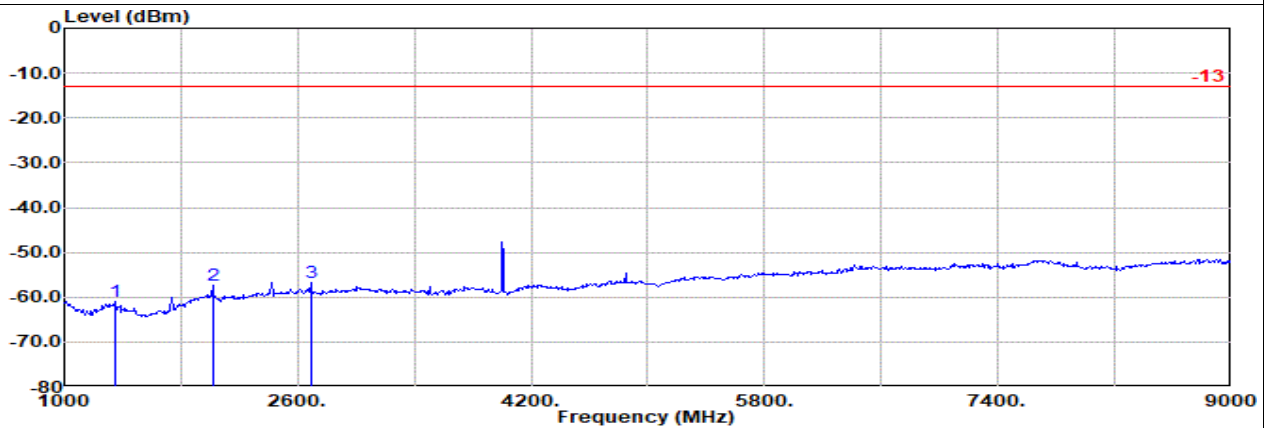
NR SA n71 20M Ch136100 1RB1 BPSK

M



Site : 03CH07-HY
 Condition: -13 3m HF_ANT_00075962 Horizontal
 Mode : NR_SA n71_20M_CH136100_BPSK_1RB1

	Freq	Level	Detector	Ant Factor	Amp	\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB	dBuV	dBm	dB	
1	1344.00	-61.39	RMS	29.12	-27.95	0.47	-95.23	32.20	-13.00	-48.39	Horizontal	
2	2016.00	-57.19	RMS	31.90	-26.70	0.26	-95.23	32.58	-13.00	-44.19	Horizontal	
3	2688.00	-56.81	RMS	32.50	-25.25	0.19	-95.23	30.98	-13.00	-43.81	Horizontal	



Site : 03CH07-HY
 Condition: -13 3m HF_ANT_00075962 Vertical
 Mode : NR_SA n71_20M_CH136100_BPSK_1RB1

	Freq	Level	Detector	Ant Factor	Amp	\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB	dBuV	dBm	dB	
1	1344.00	-60.90	RMS	29.12	-27.95	0.47	-95.23	32.69	-13.00	-47.90	Vertical	
2	2016.00	-57.29	RMS	31.90	-26.70	0.26	-95.23	32.48	-13.00	-44.29	Vertical	
3	2688.00	-56.71	RMS	32.50	-25.25	0.19	-95.23	31.08	-13.00	-43.71	Vertical	

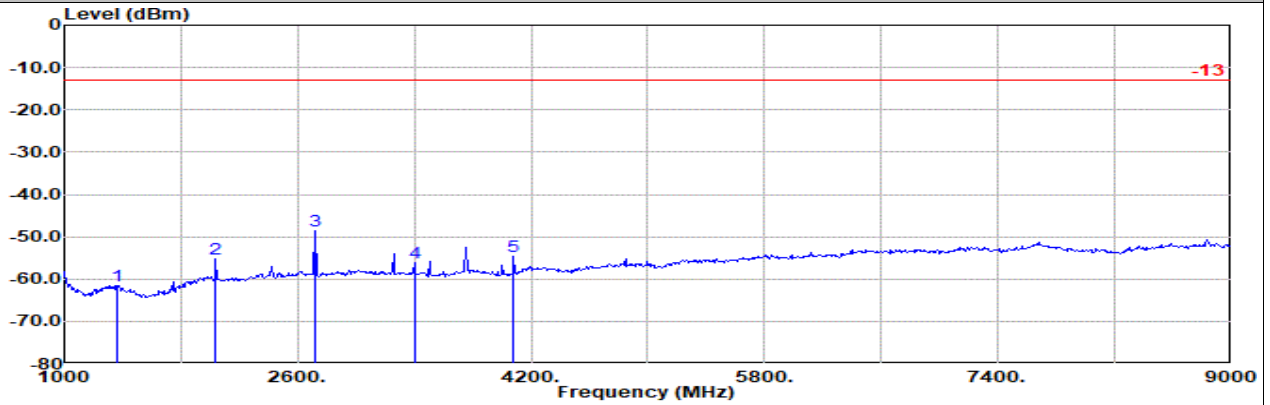


ANT0

Part 27N Mode 1

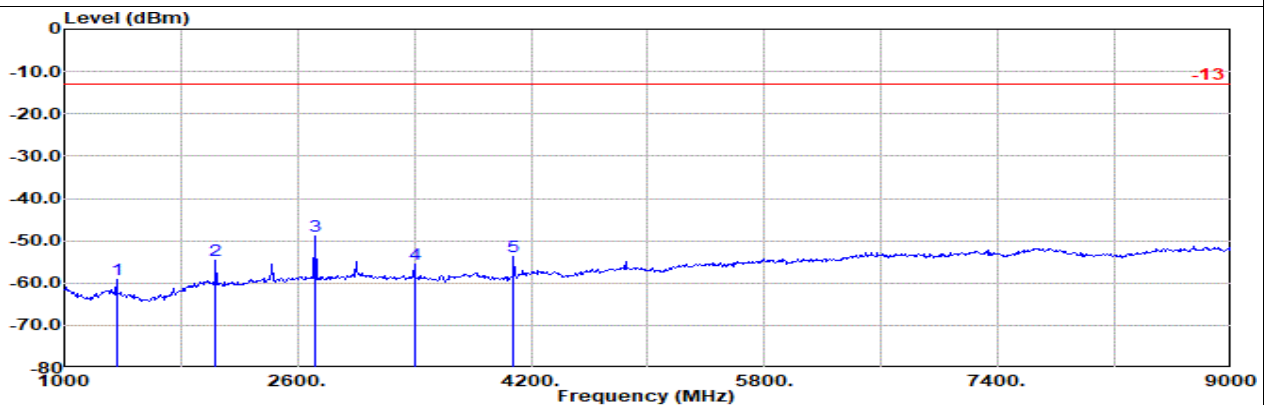
NR SA n71 20M Ch137600 1RB1 BPSK

H



Site : 03CH07-HY
 Condition: -13 3m HF_ANT_00075962 Horizontal
 Mode : NR_SA n71_20M_CH137600_BPSK_1RB1

1	2	3	4	5	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF		Readin g	Limit dBm	Margin dB	Pol
								Factor	1		dB	dB				
					1360.00	-61.49	RMS	29.00	-27.92	0.45	-95.23	32.21	-13.00	-48.49	Horizontal	
					2040.00	-55.11	RMS	31.60	-26.65	0.25	-95.23	34.92	-13.00	-42.11	Horizontal	
					2720.00	-48.49	RMS	32.20	-25.18	0.21	-95.23	39.51	-13.00	-35.49	Horizontal	
					3400.00	-56.17	RMS	33.10	-24.42	0.15	-95.23	30.23	-13.00	-43.17	Horizontal	
					4080.00	-54.75	RMS	33.32	-23.82	0.47	-95.23	30.51	-13.00	-41.75	Horizontal	



Site : 03CH07-HY
 Condition: -13 3m HF_ANT_00075962 Vertical
 Mode : NR_SA n71_20M_CH137600_BPSK_1RB1

1	2	3	4	5	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF		Readin g	Limit dBm	Margin dB	Pol
								Factor	1		dB	dB				
					1360.00	-59.13	RMS	29.00	-27.92	0.45	-95.23	34.57	-13.00	-46.13	Vertical	
					2040.00	-54.76	RMS	31.60	-26.65	0.25	-95.23	35.27	-13.00	-41.76	Vertical	
					2720.00	-49.01	RMS	32.20	-25.18	0.21	-95.23	38.99	-13.00	-36.01	Vertical	
					3400.00	-55.45	RMS	33.10	-24.42	0.15	-95.23	30.95	-13.00	-42.45	Vertical	
					4080.00	-53.88	RMS	33.32	-23.82	0.47	-95.23	31.38	-13.00	-40.88	Vertical	

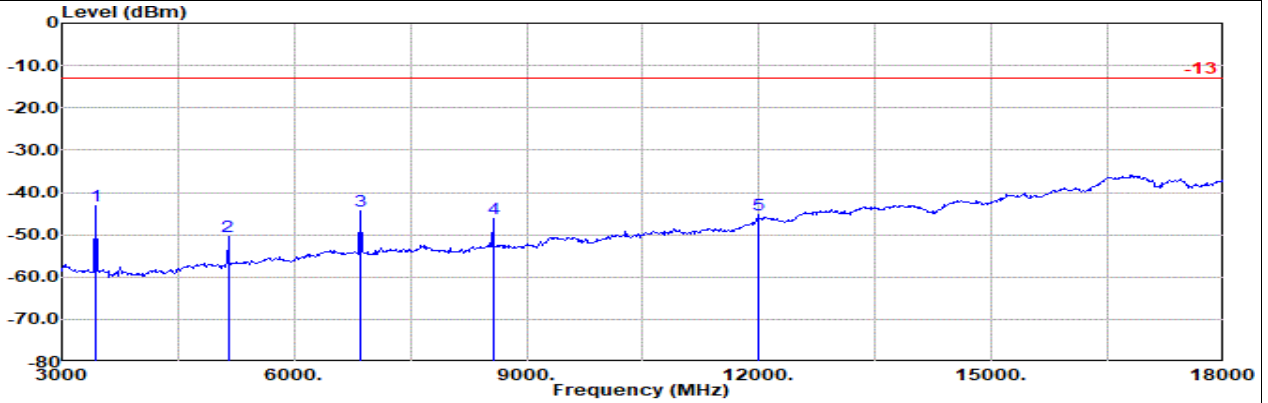


ANT2

Part 27L Mode 1

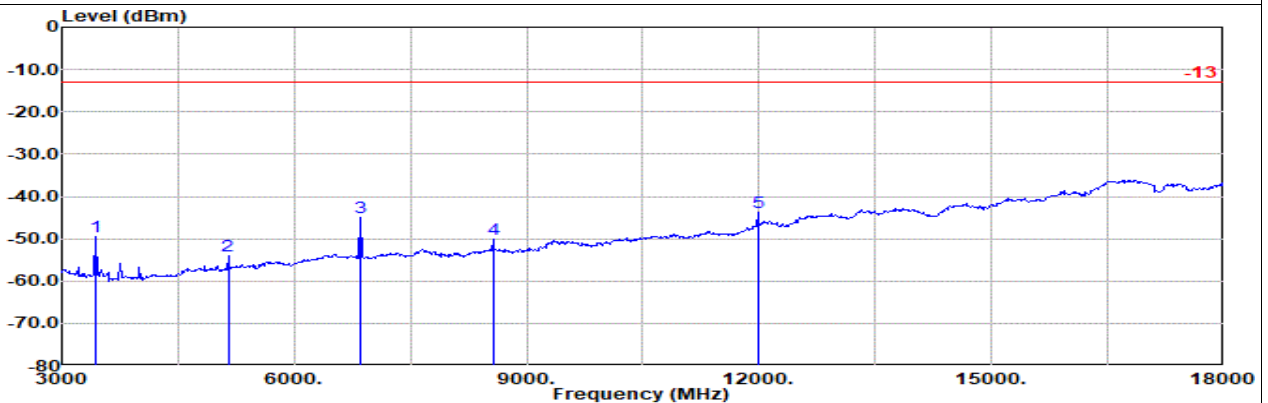
NR SA n66 40M Ch346000 1RB1 BPSK

L



Site : 03CH07-HY
 Condition: -13 3m HF_ANT_00075962 Horizontal
 Mode : NR_SA n66_40M_CH346000_BPSK_1RB1

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit dBm	Margin dB	Pol
				Factor	1						
1	3435.00	-43.22	RMS	33.10	-24.42	0.79	-95.23	42.54	-13.00	-30.22	Horizontal
2	5145.00	-50.46	RMS	34.27	-22.36	0.43	-95.23	32.43	-13.00	-37.46	Horizontal
3	6855.00	-44.37	RMS	35.70	-20.82	0.60	-95.23	35.38	-13.00	-31.37	Horizontal
4	8565.00	-46.20	RMS	35.90	-19.34	0.74	-95.23	31.73	-13.00	-33.20	Horizontal
5	11985.00	-45.37	RMS	38.87	-15.98	0.27	-95.23	26.70	-13.00	-32.37	Horizontal



Site : 03CH07-HY
 Condition: -13 3m HF_ANT_00075962 Vertical
 Mode : NR_SA n66_40M_CH346000_BPSK_1RB1

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit dBm	Margin dB	Pol
				Factor	1						
1	3435.00	-49.57	RMS	33.10	-24.42	0.79	-95.23	36.19	-13.00	-36.57	Vertical
2	5145.00	-53.95	RMS	34.27	-22.36	0.43	-95.23	28.94	-13.00	-40.95	Vertical
3	6855.00	-44.98	RMS	35.70	-20.82	0.60	-95.23	34.77	-13.00	-31.98	Vertical
4	8565.00	-49.97	RMS	35.90	-19.34	0.74	-95.23	27.96	-13.00	-36.97	Vertical
5	11985.00	-43.88	RMS	38.87	-15.98	0.27	-95.23	28.19	-13.00	-30.88	Vertical

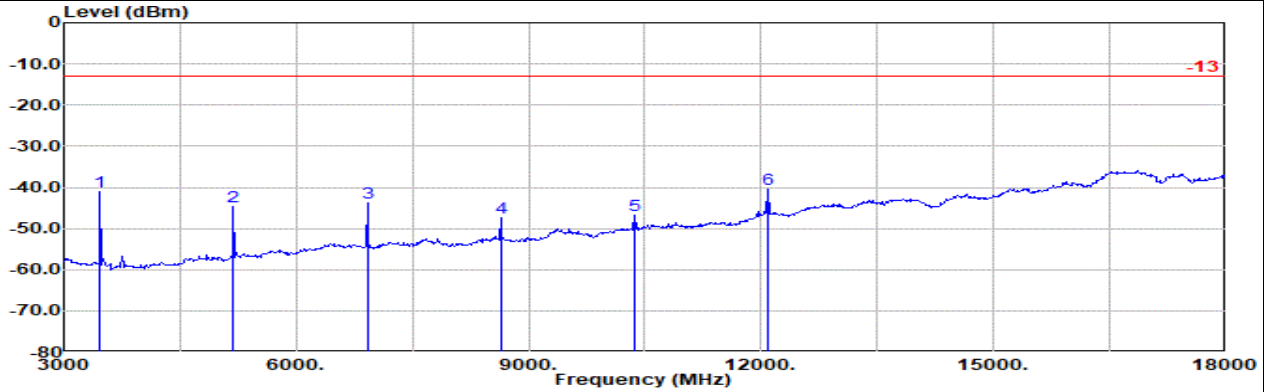


ANT2

Part 27L Mode 1

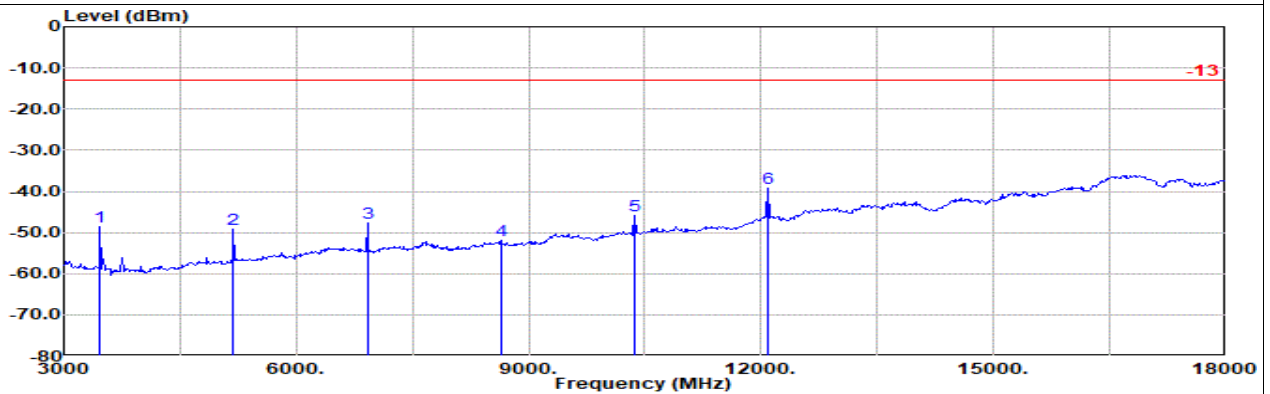
NR SA n66 40M Ch349000 1RB1 BPSK

M



Site : 03CH07-HY
 Condition: -13 3m HF_ANT_00075962 Horizontal
 Mode : NR_SA n66_40M_CH349000_BPSK_1RB1

Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin	Pol	
			Factor	1							dB
1	3465.00	-41.07	RMS	33.01	-24.42	0.76	-95.23	44.81	-13.00	-28.07	Horizontal
2	5190.00	-44.72	RMS	34.46	-22.27	0.33	-95.23	37.99	-13.00	-31.72	Horizontal
3	6915.00	-43.85	RMS	35.73	-20.80	0.41	-95.23	36.04	-13.00	-30.85	Horizontal
4	8640.00	-47.52	RMS	35.82	-19.27	0.63	-95.23	30.53	-13.00	-34.52	Horizontal
5	10365.00	-46.85	RMS	37.47	-17.25	0.27	-95.23	27.89	-13.00	-33.85	Horizontal
6	12090.00	-40.49	RMS	39.00	-15.78	0.28	-95.23	31.24	-13.00	-27.49	Horizontal



Site : 03CH07-HY
 Condition: -13 3m HF_ANT_00075962 Vertical
 Mode : NR_SA n66_40M_CH349000_BPSK_1RB1

Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin	Pol	
			Factor	1							dB
1	3465.00	-48.53	RMS	33.01	-24.42	0.76	-95.23	37.35	-13.00	-35.53	Vertical
2	5190.00	-49.07	RMS	34.46	-22.27	0.33	-95.23	33.64	-13.00	-36.07	Vertical
3	6915.00	-47.85	RMS	35.73	-20.80	0.41	-95.23	32.04	-13.00	-34.85	Vertical
4	8640.00	-52.06	RMS	35.82	-19.27	0.63	-95.23	25.99	-13.00	-39.06	Vertical
5	10365.00	-45.79	RMS	37.47	-17.25	0.27	-95.23	28.95	-13.00	-32.79	Vertical
6	12090.00	-39.29	RMS	39.00	-15.78	0.28	-95.23	32.44	-13.00	-26.29	Vertical

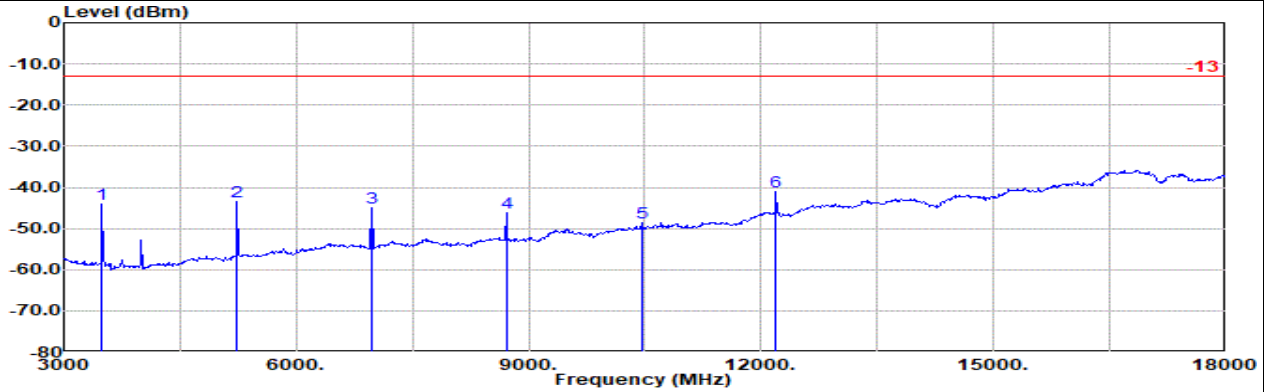


ANT2

Part 27L Mode 1

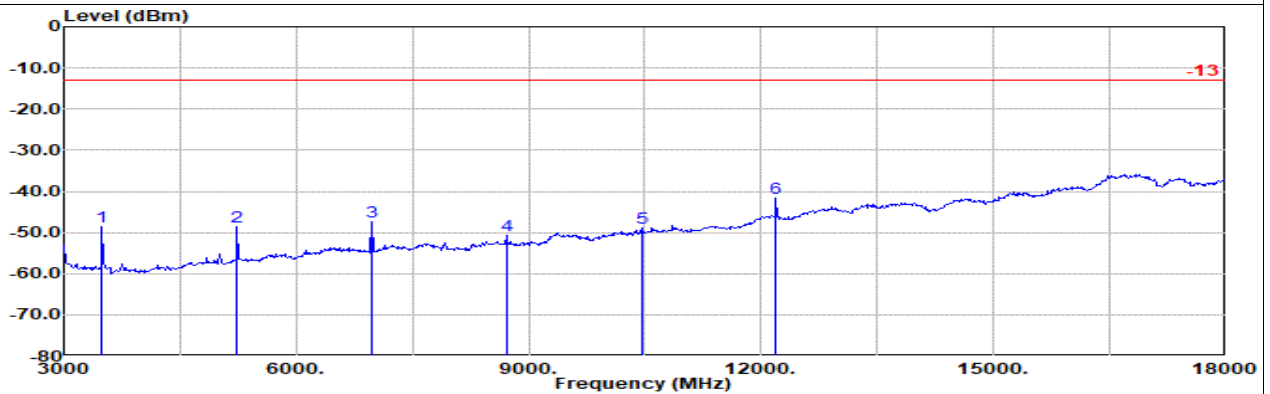
NR SA n66 40M Ch352000 1RB1 BPSK

H



Site : 03CH07-HY
 Condition: -13 3m HF_ANT_00075962 Horizontal
 Mode : NR_SA n66_40M_CH352000_BPSK_1RB1

Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Reading	Limit	Margin	Pol	
			Factor	1							dB
1	3495.00	-44.05	RMS	32.83	-24.42	0.74	-95.23	42.03	-13.00	-31.05	Horizontal
2	5235.00	-43.42	RMS	34.64	-22.22	0.33	-95.23	39.06	-13.00	-30.42	Horizontal
3	6975.00	-45.05	RMS	35.75	-20.78	0.22	-95.23	34.99	-13.00	-32.05	Horizontal
4	8715.00	-46.04	RMS	35.83	-19.23	0.45	-95.23	32.14	-13.00	-33.04	Horizontal
5	10455.00	-48.53	RMS	37.41	-17.06	0.27	-95.23	26.08	-13.00	-35.53	Horizontal
6	12195.00	-41.00	RMS	39.10	-15.56	0.30	-95.23	30.39	-13.00	-28.00	Horizontal



Site : 03CH07-HY
 Condition: -13 3m HF_ANT_00075962 Vertical
 Mode : NR_SA n66_40M_CH352000_BPSK_1RB1

Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Reading	Limit	Margin	Pol	
			Factor	1							dB
1	3495.00	-48.59	RMS	32.83	-24.42	0.74	-95.23	37.49	-13.00	-35.59	Vertical
2	5235.00	-48.70	RMS	34.64	-22.22	0.33	-95.23	33.78	-13.00	-35.70	Vertical
3	6975.00	-47.40	RMS	35.75	-20.78	0.22	-95.23	32.64	-13.00	-34.40	Vertical
4	8715.00	-50.85	RMS	35.83	-19.23	0.45	-95.23	27.33	-13.00	-37.85	Vertical
5	10455.00	-48.90	RMS	37.41	-17.06	0.27	-95.23	25.71	-13.00	-35.90	Vertical
6	12195.00	-41.59	RMS	39.10	-15.56	0.30	-95.23	29.80	-13.00	-28.59	Vertical

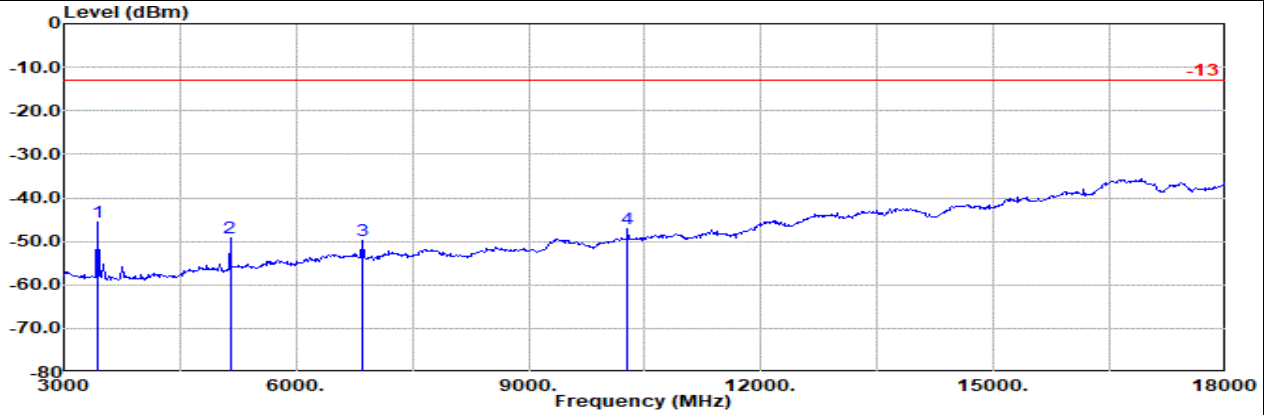


ANT2+4

Part 27L Mode 2

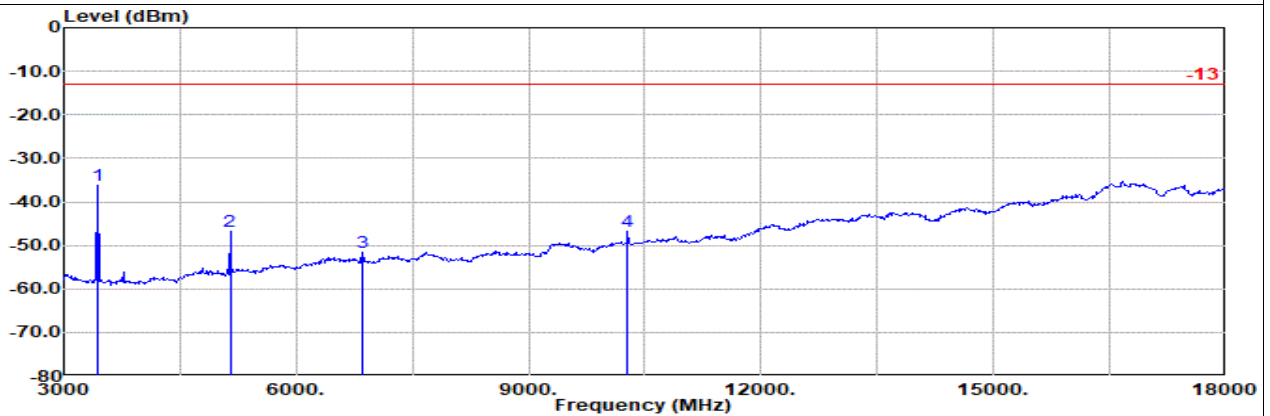
EN-DC B2+n66 10M + 40M Ch18900 1RB0 QPSK + Ch346000 1RB1 BPSK

L



Site : 03CH07-HY
 Condition: -13 3m HF_ANT_00075962 Horizontal
 Mode : ENDC B2+n66_40M_CH346000_BPSK_1RB1

	Freq	Level	Detector	Ant Factor	Amp	\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB	dBuV	dBm	dB	
1	3435.00	-45.45	RMS	33.10	-24.42	0.79	-95.23	-95.23	40.31	-13.00	-32.45	Horizontal
2	5145.00	-49.12	RMS	34.27	-22.36	0.43	-95.23	-95.23	33.77	-13.00	-36.12	Horizontal
3	6855.00	-49.94	RMS	35.70	-20.82	0.60	-95.23	-95.23	29.81	-13.00	-36.94	Horizontal
4	10275.00	-47.03	RMS	37.20	-17.44	0.27	-95.23	-95.23	28.17	-13.00	-34.03	Horizontal



Site : 03CH07-HY
 Condition: -13 3m HF_ANT_00075962 Vertical
 Mode : ENDC B2+n66_40M_CH346000_BPSK_1RB1

	Freq	Level	Detector	Ant Factor	Amp	\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB	dBuV	dBm	dB	
1	3435.00	-36.34	RMS	33.10	-24.42	0.79	-95.23	-95.23	49.42	-13.00	-23.34	Vertical
2	5145.00	-46.86	RMS	34.27	-22.36	0.43	-95.23	-95.23	36.03	-13.00	-33.86	Vertical
3	6855.00	-51.76	RMS	35.70	-20.82	0.60	-95.23	-95.23	27.99	-13.00	-38.76	Vertical
4	10275.00	-46.67	RMS	37.20	-17.44	0.27	-95.23	-95.23	28.53	-13.00	-33.67	Vertical

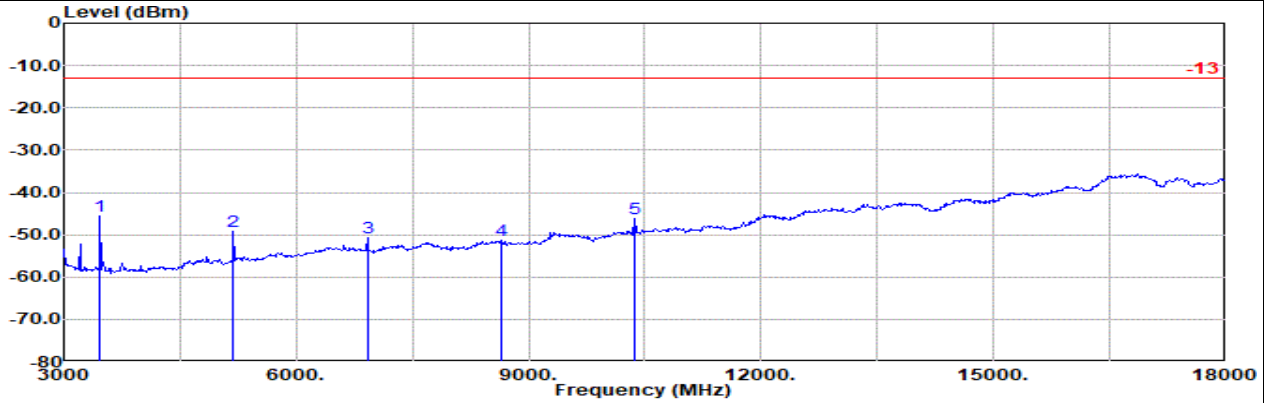


ANT2+4

Part 27L Mode 2

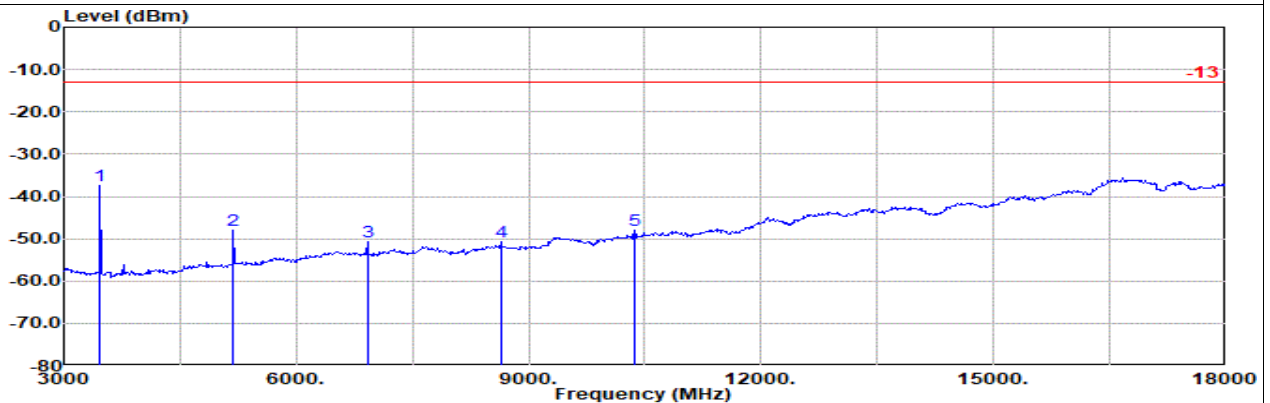
EN-DC B2+n66 10M + 40M Ch18900 1RB0 QPSK + Ch349000 1RB1 BPSK

M



Site : 03CH07-HY
 Condition: -13 3m HF_ANT_00075962 Horizontal
 Mode : ENDC B2+n66_40M_CH349000_BPSK_1RB1

Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin	Pol
			Factor	1						
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1 3465.00	-45.45	RMS	33.01	-24.42	0.76	-95.23	40.43	-13.00	-32.45	Horizontal
2 5190.00	-49.25	RMS	34.46	-22.27	0.33	-95.23	33.46	-13.00	-36.25	Horizontal
3 6915.00	-50.79	RMS	35.73	-20.80	0.41	-95.23	29.10	-13.00	-37.79	Horizontal
4 8640.00	-51.40	RMS	35.82	-19.27	0.63	-95.23	26.65	-13.00	-38.40	Horizontal
5 10365.00	-46.25	RMS	37.47	-17.25	0.27	-95.23	28.49	-13.00	-33.25	Horizontal



Site : 03CH07-HY
 Condition: -13 3m HF_ANT_00075962 Vertical
 Mode : ENDC B2+n66_40M_CH349000_BPSK_1RB1

Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin	Pol
			Factor	1						
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1 3465.00	-37.45	RMS	33.01	-24.42	0.76	-95.23	48.43	-13.00	-24.45	Vertical
2 5190.00	-47.88	RMS	34.46	-22.27	0.33	-95.23	34.83	-13.00	-34.88	Vertical
3 6915.00	-50.66	RMS	35.73	-20.80	0.41	-95.23	29.23	-13.00	-37.66	Vertical
4 8640.00	-50.62	RMS	35.82	-19.27	0.63	-95.23	27.43	-13.00	-37.62	Vertical
5 10365.00	-48.01	RMS	37.47	-17.25	0.27	-95.23	26.73	-13.00	-35.01	Vertical

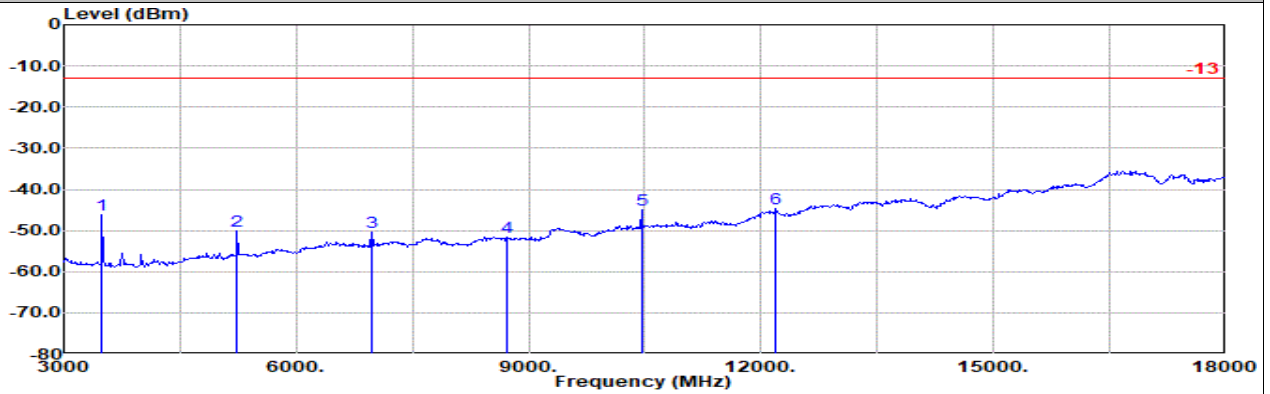


ANT2+4

Part 27L Mode 2

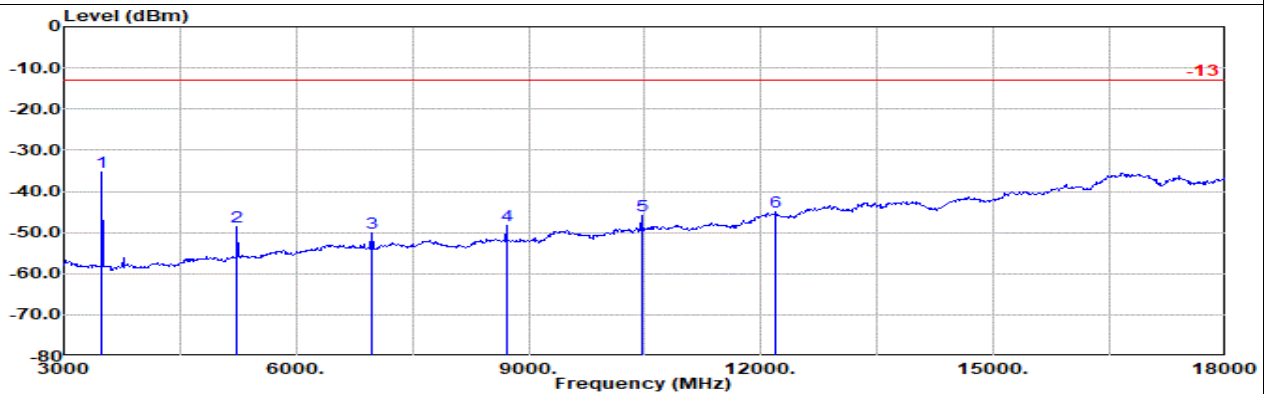
EN-DC B2+n66 10M + 40M Ch18900 1RB0 QPSK + Ch352000 1RB1 BPSK

H



Site : 03CH07-HY
 Condition: -13 3m HF_ANT_00075962 Horizontal
 Mode : ENDC B2+n66_40M_CH352000_BPSK_1RB1

Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin	Pol
			Factor	1						
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	3495.00	-46.25 RMS	32.83	-24.42	0.74	-95.23	39.83	-13.00	-33.25	Horizontal
2	5235.00	-49.99 RMS	34.64	-22.22	0.33	-95.23	32.49	-13.00	-36.99	Horizontal
3	6975.00	-50.29 RMS	35.75	-20.78	0.22	-95.23	29.75	-13.00	-37.29	Horizontal
4	8715.00	-51.48 RMS	35.83	-19.23	0.45	-95.23	26.70	-13.00	-38.48	Horizontal
5	10455.00	-45.02 RMS	37.41	-17.06	0.27	-95.23	29.59	-13.00	-32.02	Horizontal
6	12195.00	-44.65 RMS	39.10	-15.56	0.30	-95.23	26.74	-13.00	-31.65	Horizontal



Site : 03CH07-HY
 Condition: -13 3m HF_ANT_00075962 Vertical
 Mode : ENDC B2+n66_40M_CH352000_BPSK_1RB1

Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin	Pol
			Factor	1						
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	3495.00	-35.41 RMS	32.83	-24.42	0.74	-95.23	50.67	-13.00	-22.41	Vertical
2	5235.00	-48.53 RMS	34.64	-22.22	0.33	-95.23	33.95	-13.00	-35.53	Vertical
3	6975.00	-50.22 RMS	35.75	-20.78	0.22	-95.23	29.82	-13.00	-37.22	Vertical
4	8715.00	-48.20 RMS	35.83	-19.23	0.45	-95.23	29.98	-13.00	-35.20	Vertical
5	10455.00	-46.00 RMS	37.41	-17.06	0.27	-95.23	28.61	-13.00	-33.00	Vertical
6	12195.00	-45.05 RMS	39.10	-15.56	0.30	-95.23	26.34	-13.00	-32.05	Vertical

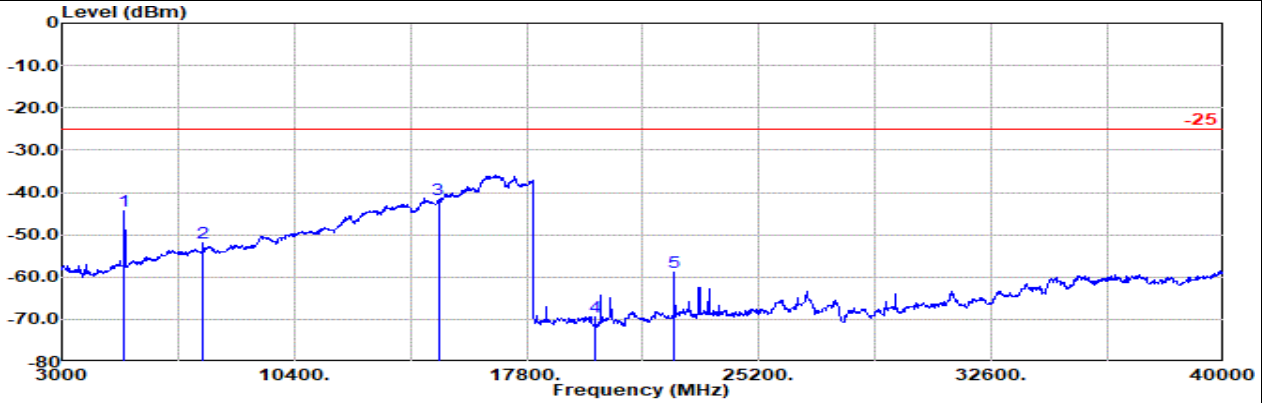


ANT4

Part 27M Mode 1

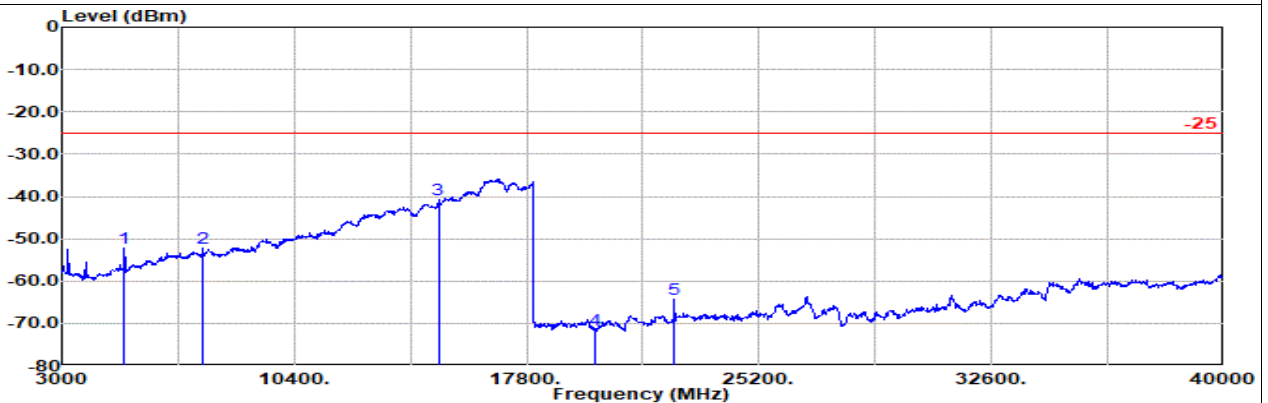
NR SA n41 100M Ch509202 1RB1 BPSK

L



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Horizontal
 Mode : NR_SA n41_100M_CH509202_BPSK_1RB1

Freq	Level	Detector	Ant Amp\Cb		Filter		EIRPCF	Readin	Limit	Margin	Pol
			Factor	1	dB	dB					
1	4995.00	-44.38	RMS	34.40	-22.64	0.74	-95.23	38.35	-25.00	-19.38	Horizontal
2	7500.00	-52.01	RMS	35.50	-20.09	0.33	-95.23	27.48	-25.00	-27.01	Horizontal
3	14985.00	-41.67	RMS	40.07	-12.99	0.59	-95.23	25.89	-25.00	-16.67	Horizontal
4	19980.00	-69.30	RMS	37.74	-44.94	-9.54	-95.23	42.67	-25.00	-44.30	Horizontal
5	22488.00	-58.98	RMS	38.18	-42.97	-9.54	-95.23	50.58	-25.00	-33.98	Horizontal



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Vertical
 Mode : NR_SA n41_100M_CH509202_BPSK_1RB1

Freq	Level	Detector	Ant Amp\Cb		Filter		EIRPCF	Readin	Limit	Margin	Pol
			Factor	1	dB	dB					
1	4995.00	-52.13	RMS	34.40	-22.64	0.74	-95.23	30.60	-25.00	-27.13	Vertical
2	7500.00	-52.33	RMS	35.50	-20.09	0.33	-95.23	27.16	-25.00	-27.33	Vertical
3	14985.00	-40.73	RMS	40.07	-12.99	0.59	-95.23	26.83	-25.00	-15.73	Vertical
4	19980.00	-71.44	RMS	37.74	-44.94	-9.54	-95.23	40.53	-25.00	-46.44	Vertical
5	22488.00	-64.35	RMS	38.18	-42.97	-9.54	-95.23	45.21	-25.00	-39.35	Vertical

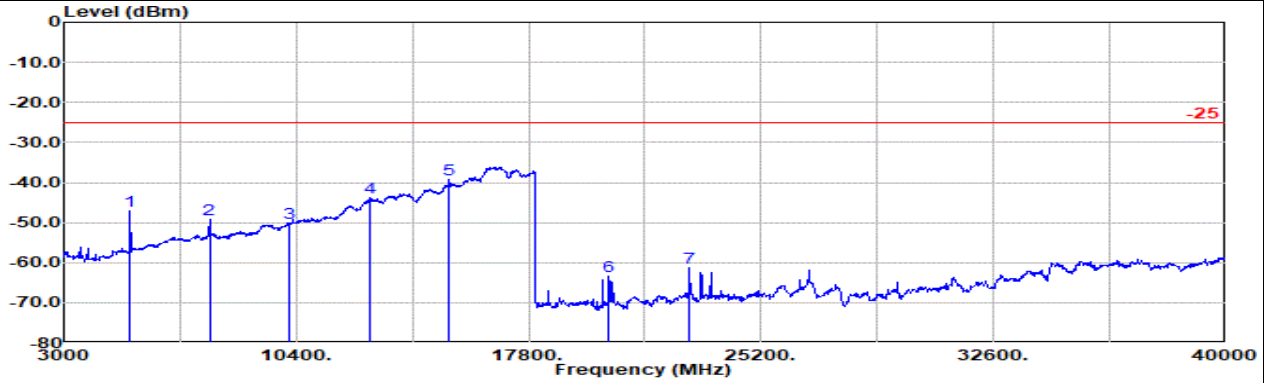


ANT4

Part 27M Mode 1

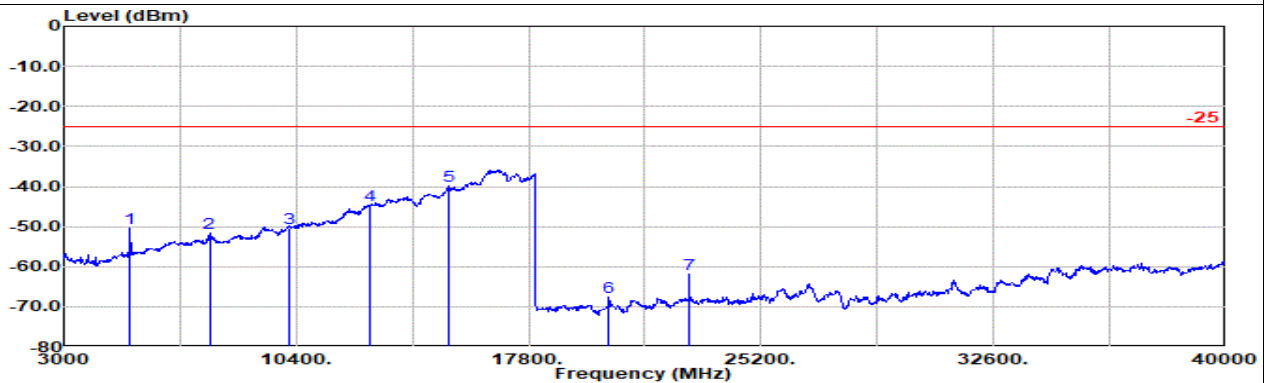
NR SA n41 100M Ch518598 1RB1 BPSK

M



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Horizontal
 Mode : NR_SA n41_100M_CH518598_BPSK_1RB1

	Freq MHz	Level dBm	Detector	Ant		Filter	EIRPCF	Readin g	Limit	Margin	Pol
				Factor	Amp\Cb dB						
1	5100.00	-46.96	RMS	34.00	-22.44	0.52	-95.23	36.19	-25.00	-21.96	Horizontal
2	7635.00	-49.32	RMS	35.90	-20.11	0.35	-95.23	29.77	-25.00	-24.32	Horizontal
3	10176.00	-50.24	RMS	37.25	-17.65	0.27	-95.23	25.12	-25.00	-25.24	Horizontal
4	12735.00	-43.71	RMS	39.20	-14.33	0.37	-95.23	26.28	-25.00	-18.71	Horizontal
5	15270.00	-39.31	RMS	39.96	-13.00	0.61	-95.23	28.35	-25.00	-14.31	Horizontal
6	20354.00	-63.42	RMS	37.62	-44.79	-9.54	-95.23	48.52	-25.00	-38.42	Horizontal
7	22906.00	-61.37	RMS	38.42	-42.69	-9.54	-95.23	47.67	-25.00	-36.37	Horizontal



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Vertical
 Mode : NR_SA n41_100M_CH518598_BPSK_1RB1

	Freq MHz	Level dBm	Detector	Ant		Filter	EIRPCF	Readin g	Limit	Margin	Pol
				Factor	Amp\Cb dB						
1	5100.00	-50.38	RMS	34.00	-22.44	0.52	-95.23	32.77	-25.00	-25.38	Vertical
2	7635.00	-51.76	RMS	35.90	-20.11	0.35	-95.23	27.33	-25.00	-26.76	Vertical
3	10176.00	-50.33	RMS	37.25	-17.65	0.27	-95.23	25.03	-25.00	-25.33	Vertical
4	12735.00	-44.59	RMS	39.20	-14.33	0.37	-95.23	25.40	-25.00	-19.59	Vertical
5	15270.00	-39.92	RMS	39.96	-13.00	0.61	-95.23	27.74	-25.00	-14.92	Vertical
6	20354.00	-67.58	RMS	37.62	-44.79	-9.54	-95.23	44.36	-25.00	-42.58	Vertical
7	22906.00	-61.94	RMS	38.42	-42.69	-9.54	-95.23	47.10	-25.00	-36.94	Vertical

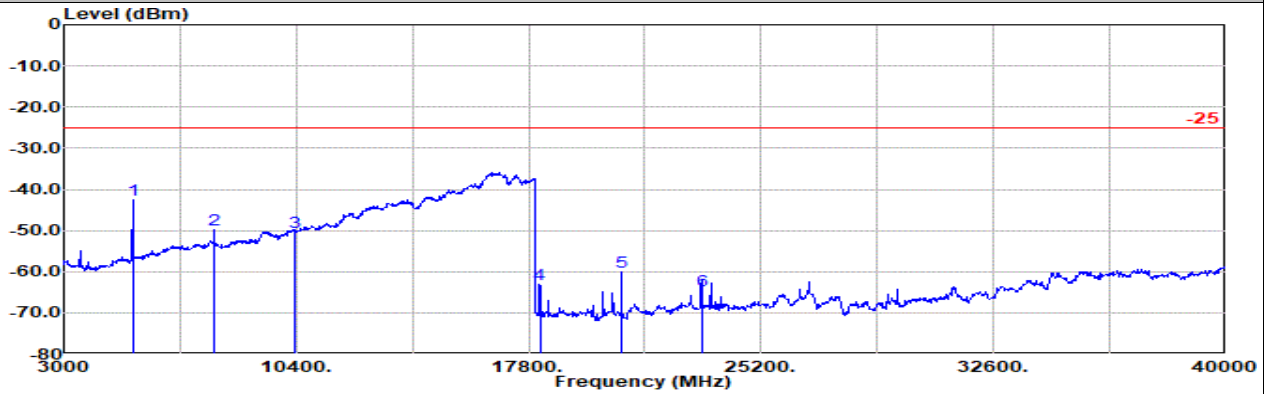


ANT4

Part 27M Mode 1

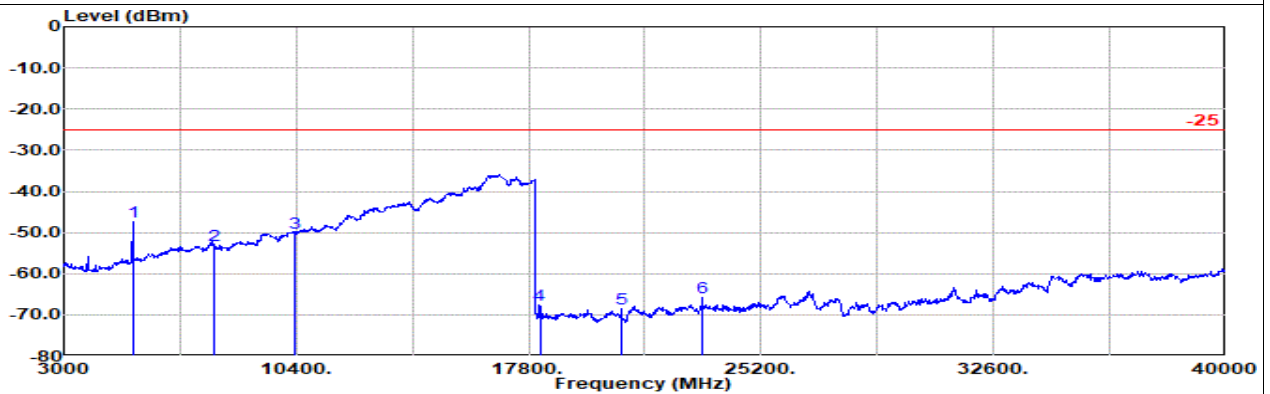
NR SA n41 100M Ch528000 1RB1 BPSK

H



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Horizontal
 Mode : NR_SA n41_100M_CH528000_BPSK_1RB1

1	2	3	4	5	6					
Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
5190.00	-42.61	RMS	34.46	-22.27	0.33	-95.23	40.10	-25.00	-17.61	Horizontal
7785.00	-49.92	RMS	35.93	-20.05	0.34	-95.23	29.09	-25.00	-24.92	Horizontal
10360.00	-50.41	RMS	37.48	-17.26	0.27	-95.23	24.33	-25.00	-25.41	Horizontal
18154.00	-63.18	RMS	37.60	-45.65	-9.54	-95.23	49.64	-25.00	-38.18	Horizontal
20750.00	-60.13	RMS	37.70	-44.64	-9.54	-95.23	51.58	-25.00	-35.13	Horizontal
23324.00	-64.63	RMS	38.55	-42.04	-9.54	-95.23	43.63	-25.00	-39.63	Horizontal



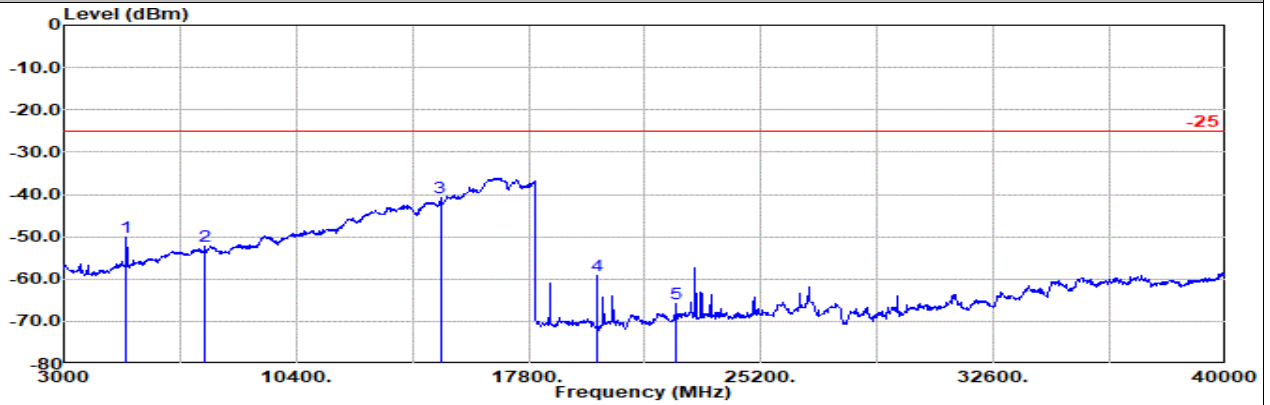
Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Vertical
 Mode : NR_SA n41_100M_CH528000_BPSK_1RB1

1	2	3	4	5	6					
Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
5190.00	-47.35	RMS	34.46	-22.27	0.33	-95.23	35.36	-25.00	-22.35	Vertical
7785.00	-52.99	RMS	35.93	-20.05	0.34	-95.23	26.02	-25.00	-27.99	Vertical
10360.00	-50.19	RMS	37.48	-17.26	0.27	-95.23	24.55	-25.00	-25.19	Vertical
18154.00	-67.71	RMS	37.60	-45.65	-9.54	-95.23	45.11	-25.00	-42.71	Vertical
20750.00	-68.65	RMS	37.70	-44.64	-9.54	-95.23	43.06	-25.00	-43.65	Vertical
23324.00	-65.71	RMS	38.55	-42.04	-9.54	-95.23	42.55	-25.00	-40.71	Vertical



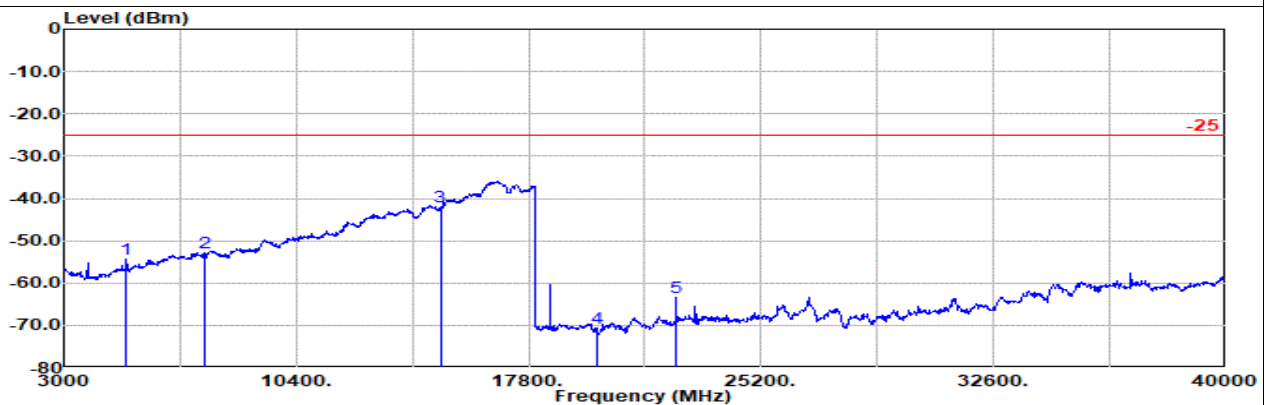
ANT4+2

Part 27M Mode 6
NR SA n41 100M Ch509202 1RB1 BPSK
L



Site : 03CH07-HY
Condition: -25 3m HF_ANT_00075962 Horizontal
Mode : NR_SA n41_100M_CH509202_BPSK_1RB1

Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin	Pol
			Factor	1						
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1 4995.00	-50.15	RMS	34.40	-22.64	0.74	-95.23	32.58	-25.00	-25.15	Horizontal
2 7500.00	-52.18	RMS	35.50	-20.09	0.33	-95.23	27.31	-25.00	-27.18	Horizontal
3 14985.00	-40.72	RMS	40.07	-12.99	0.59	-95.23	26.84	-25.00	-15.72	Horizontal
4 19980.00	-59.30	RMS	37.74	-44.94	-9.54	-95.23	52.67	-25.00	-34.30	Horizontal
5 22488.00	-65.90	RMS	38.18	-42.97	-9.54	-95.23	43.66	-25.00	-40.90	Horizontal

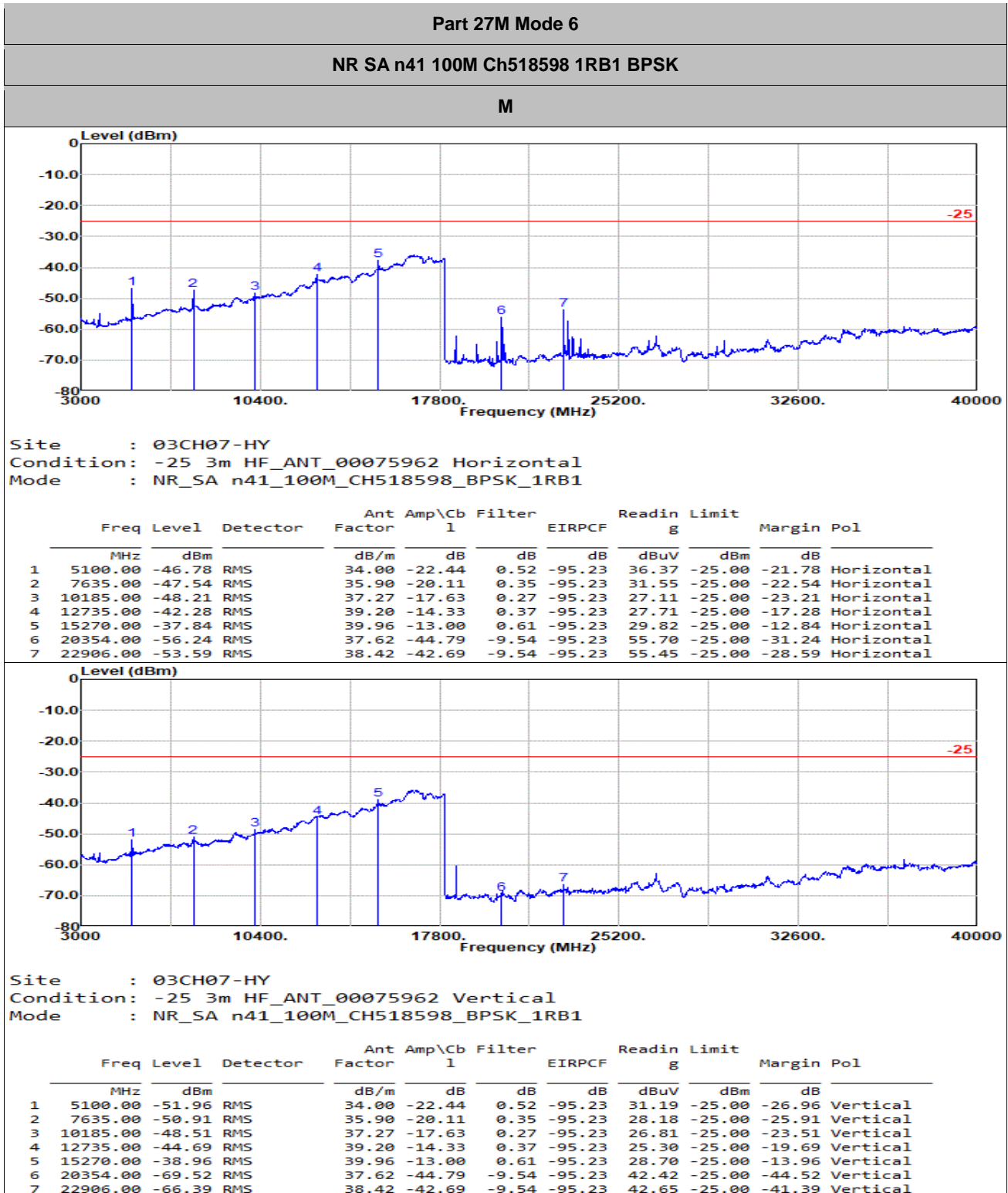


Site : 03CH07-HY
Condition: -25 3m HF_ANT_00075962 Vertical
Mode : NR_SA n41_100M_CH509202_BPSK_1RB1

Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin	Pol
			Factor	1						
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1 4995.00	-54.27	RMS	34.40	-22.64	0.74	-95.23	28.46	-25.00	-29.27	Vertical
2 7500.00	-52.76	RMS	35.50	-20.09	0.33	-95.23	26.73	-25.00	-27.76	Vertical
3 14985.00	-41.87	RMS	40.07	-12.99	0.59	-95.23	25.69	-25.00	-16.87	Vertical
4 19980.00	-70.57	RMS	37.74	-44.94	-9.54	-95.23	41.40	-25.00	-45.57	Vertical
5 22488.00	-63.42	RMS	38.18	-42.97	-9.54	-95.23	46.14	-25.00	-38.42	Vertical



ANT4+2



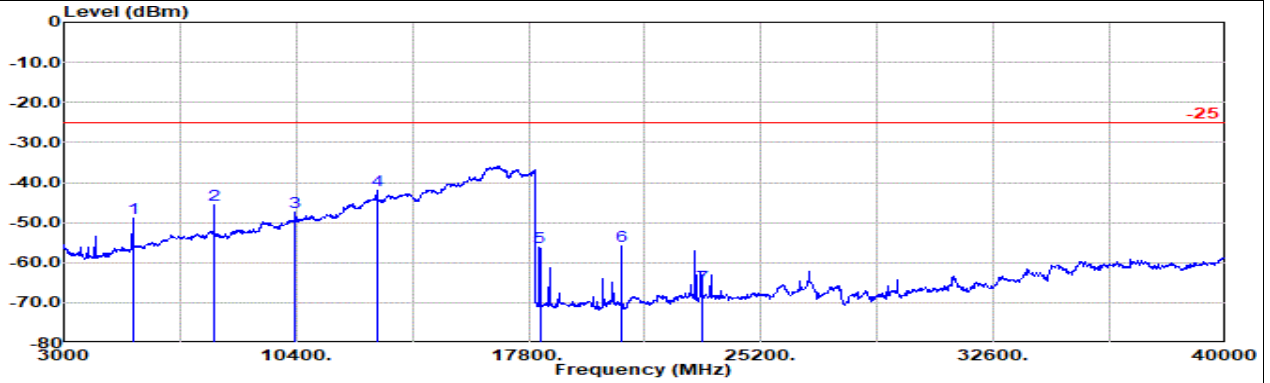


ANT4+2

Part 27M Mode 6

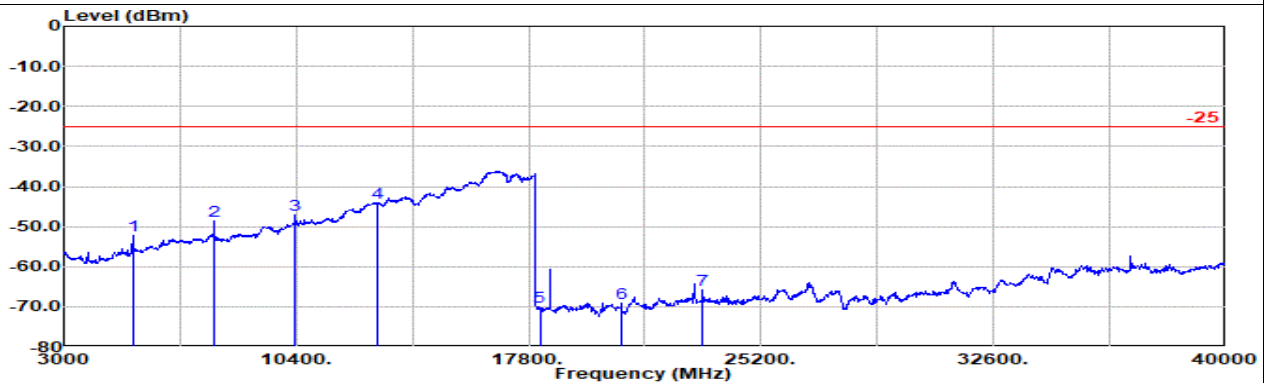
NR SA n41 100M Ch528000 1RB1 BPSK

H



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Horizontal
 Mode : NR_SA n41_100M_CH528000_BPSK_1RB1

No	Freq MHz	Level dBm	Detector	Ant		Filter	EIRPCF	Readin g	Limit	Margin	Pol
				Factor	Amp\Cb dB						
1	5190.00	-49.05	RMS	34.46	-22.27	0.33	-95.23	33.66	-25.00	-24.05	Horizontal
2	7785.00	-45.47	RMS	35.93	-20.05	0.34	-95.23	33.54	-25.00	-20.47	Horizontal
3	10380.00	-47.46	RMS	37.44	-17.22	0.27	-95.23	27.28	-25.00	-22.46	Horizontal
4	12960.00	-42.04	RMS	39.46	-13.77	0.39	-95.23	27.11	-25.00	-17.04	Horizontal
5	18154.00	-56.01	RMS	37.60	-45.65	-9.54	-95.23	56.81	-25.00	-31.01	Horizontal
6	20750.00	-55.93	RMS	37.70	-44.64	-9.54	-95.23	55.78	-25.00	-30.93	Horizontal
7	23324.00	-65.87	RMS	38.55	-42.04	-9.54	-95.23	42.39	-25.00	-40.87	Horizontal



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Vertical
 Mode : NR_SA n41_100M_CH528000_BPSK_1RB1

No	Freq MHz	Level dBm	Detector	Ant		Filter	EIRPCF	Readin g	Limit	Margin	Pol
				Factor	Amp\Cb dB						
1	5190.00	-52.18	RMS	34.46	-22.27	0.33	-95.23	30.53	-25.00	-27.18	Vertical
2	7785.00	-48.56	RMS	35.93	-20.05	0.34	-95.23	30.45	-25.00	-23.56	Vertical
3	10380.00	-47.07	RMS	37.44	-17.22	0.27	-95.23	27.67	-25.00	-22.07	Vertical
4	12960.00	-43.99	RMS	39.46	-13.77	0.39	-95.23	25.16	-25.00	-18.99	Vertical
5	18154.00	-70.13	RMS	37.60	-45.65	-9.54	-95.23	42.69	-25.00	-45.13	Vertical
6	20750.00	-69.22	RMS	37.70	-44.64	-9.54	-95.23	42.49	-25.00	-44.22	Vertical
7	23324.00	-65.88	RMS	38.55	-42.04	-9.54	-95.23	42.38	-25.00	-40.88	Vertical

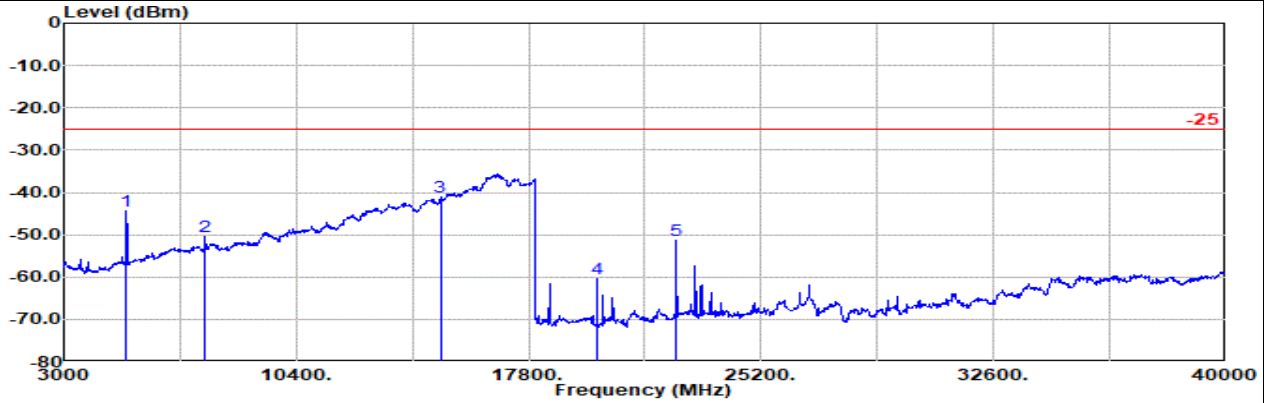


ANT4+3

Part 27M Mode 7

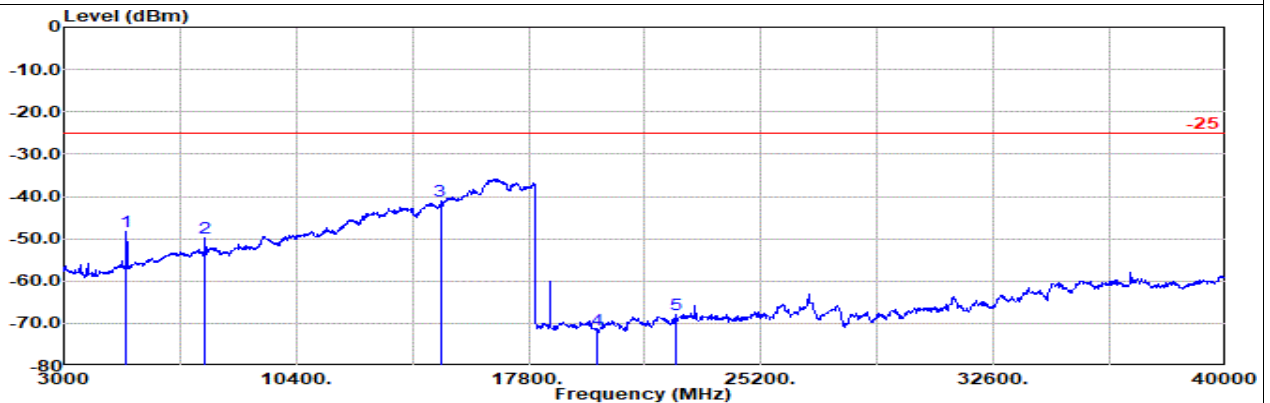
NR SA n41 100M Ch509202 1RB1 BPSK

L



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Horizontal
 Mode : NR_SA n41_100M_CH509202_BPSK_1RB1

Freq	Level	Detector	Ant Amp\Cb		Filter		EIRPCF	Readin	Limit	Margin	Pol
			Factor	1	dB	dB					
1	4995.00	-44.44	RMS	34.40	-22.64	0.74	-95.23	38.29	-25.00	-19.44	Horizontal
2	7500.00	-50.40	RMS	35.50	-20.09	0.33	-95.23	29.09	-25.00	-25.40	Horizontal
3	14985.00	-41.11	RMS	40.07	-12.99	0.59	-95.23	26.45	-25.00	-16.11	Horizontal
4	19980.00	-60.51	RMS	37.74	-44.94	-9.54	-95.23	51.46	-25.00	-35.51	Horizontal
5	22488.00	-51.38	RMS	38.18	-42.97	-9.54	-95.23	58.18	-25.00	-26.38	Horizontal



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Vertical
 Mode : NR_SA n41_100M_CH509202_BPSK_1RB1

Freq	Level	Detector	Ant Amp\Cb		Filter		EIRPCF	Readin	Limit	Margin	Pol
			Factor	1	dB	dB					
1	4995.00	-48.28	RMS	34.40	-22.64	0.74	-95.23	34.45	-25.00	-23.28	Vertical
2	7500.00	-49.82	RMS	35.50	-20.09	0.33	-95.23	29.67	-25.00	-24.82	Vertical
3	14985.00	-40.96	RMS	40.07	-12.99	0.59	-95.23	26.60	-25.00	-15.96	Vertical
4	19980.00	-71.49	RMS	37.74	-44.94	-9.54	-95.23	40.48	-25.00	-46.49	Vertical
5	22488.00	-67.96	RMS	38.18	-42.97	-9.54	-95.23	41.60	-25.00	-42.96	Vertical

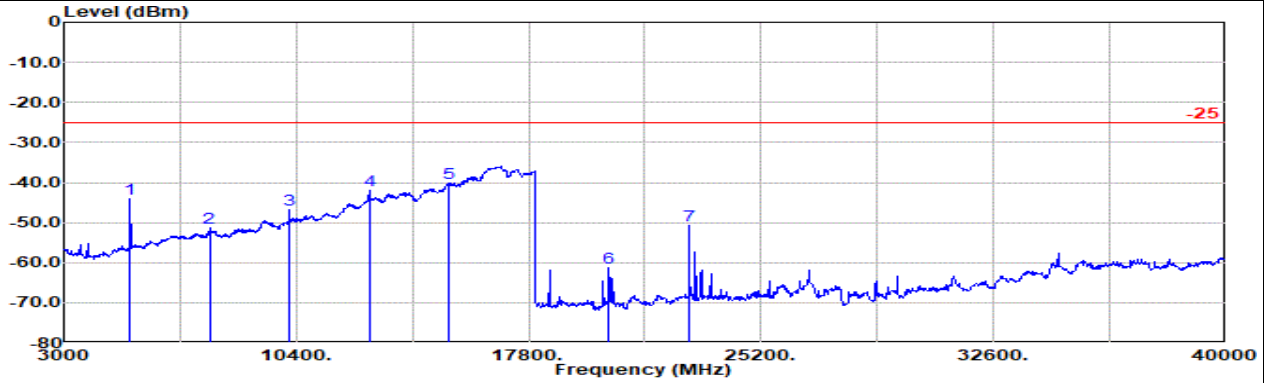


ANT4+3

Part 27M Mode 7

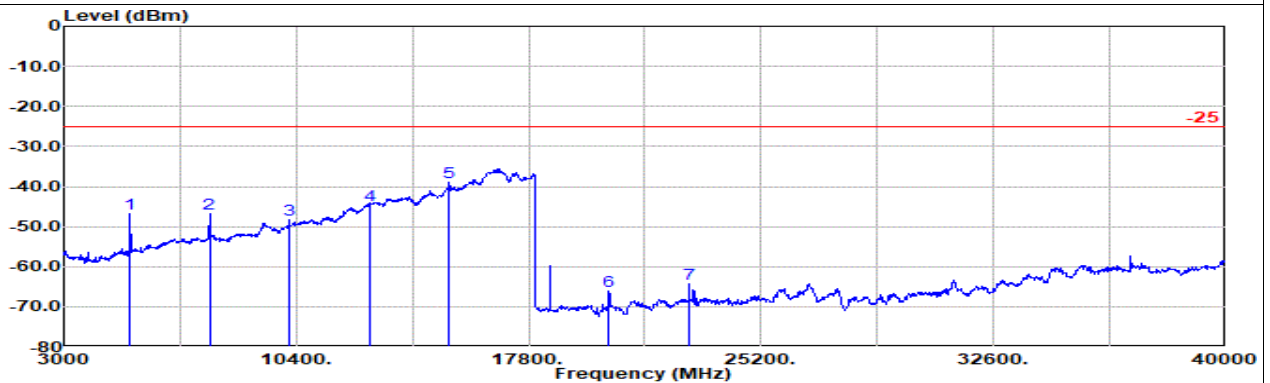
NR SA n41 100M Ch518598 1RB1 BPSK

M



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Horizontal
 Mode : NR_SA n41_100M_CH518598_BPSK_1RB1

	Freq MHz	Level dBm	Detector	Ant		Filter	EIRPCF	Readin g	Limit	Margin	Pol
				Factor	Amp\Cb dB						
1	5100.00	-44.03	RMS	34.00	-22.44	0.52	-95.23	39.12	-25.00	-19.03	Horizontal
2	7635.00	-51.31	RMS	35.90	-20.11	0.35	-95.23	27.78	-25.00	-26.31	Horizontal
3	10185.00	-46.78	RMS	37.27	-17.63	0.27	-95.23	28.54	-25.00	-21.78	Horizontal
4	12735.00	-41.88	RMS	39.20	-14.33	0.37	-95.23	28.11	-25.00	-16.88	Horizontal
5	15270.00	-40.17	RMS	39.96	-13.00	0.61	-95.23	27.49	-25.00	-15.17	Horizontal
6	20354.00	-61.33	RMS	37.62	-44.79	-9.54	-95.23	50.61	-25.00	-36.33	Horizontal
7	22906.00	-50.74	RMS	38.42	-42.69	-9.54	-95.23	58.30	-25.00	-25.74	Horizontal



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Vertical
 Mode : NR_SA n41_100M_CH518598_BPSK_1RB1

	Freq MHz	Level dBm	Detector	Ant		Filter	EIRPCF	Readin g	Limit	Margin	Pol
				Factor	Amp\Cb dB						
1	5100.00	-46.86	RMS	34.00	-22.44	0.52	-95.23	36.29	-25.00	-21.86	Vertical
2	7635.00	-46.81	RMS	35.90	-20.11	0.35	-95.23	32.28	-25.00	-21.81	Vertical
3	10185.00	-48.32	RMS	37.27	-17.63	0.27	-95.23	27.00	-25.00	-23.32	Vertical
4	12735.00	-44.54	RMS	39.20	-14.33	0.37	-95.23	25.45	-25.00	-19.54	Vertical
5	15270.00	-39.01	RMS	39.96	-13.00	0.61	-95.23	28.65	-25.00	-14.01	Vertical
6	20354.00	-66.16	RMS	37.62	-44.79	-9.54	-95.23	45.78	-25.00	-41.16	Vertical
7	22906.00	-64.19	RMS	38.42	-42.69	-9.54	-95.23	44.85	-25.00	-39.19	Vertical

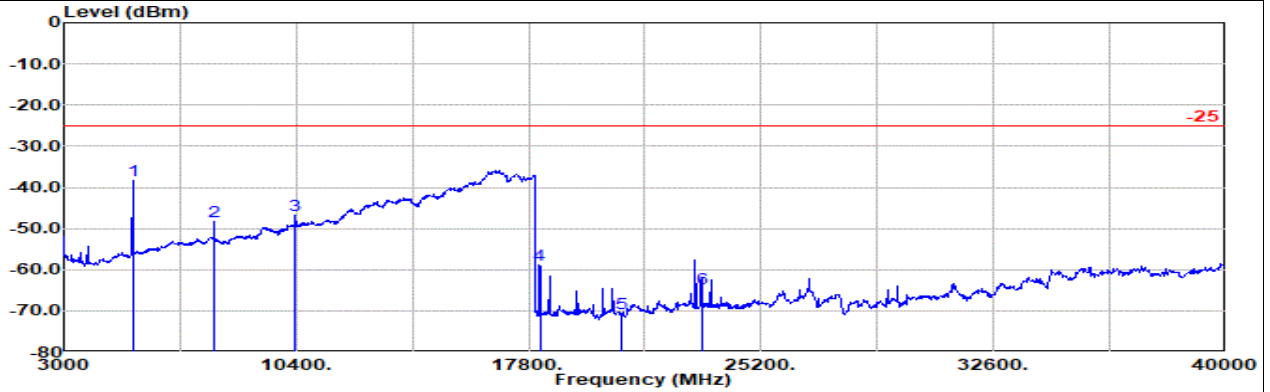


ANT4+3

Part 27M Mode 7

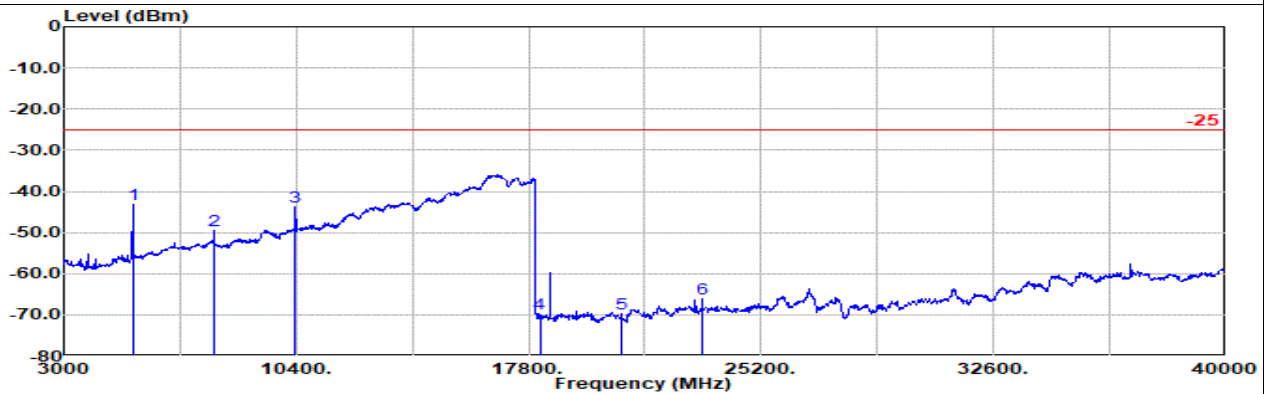
NR SA n41 100M Ch528000 1RB1 BPSK

H



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Horizontal
 Mode : NR_SA n41_100M_CH528000_BPSK_1RB1

1	2	3	4	5	6					
Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
5190.00	-38.42	RMS	34.46	-22.27	0.33	-95.23	44.29	-25.00	-13.42	Horizontal
7785.00	-48.27	RMS	35.93	-20.05	0.34	-95.23	30.74	-25.00	-23.27	Horizontal
10380.00	-46.86	RMS	37.44	-17.22	0.27	-95.23	27.88	-25.00	-21.86	Horizontal
18154.00	-58.77	RMS	37.60	-45.65	-9.54	-95.23	54.05	-25.00	-33.77	Horizontal
20750.00	-70.62	RMS	37.70	-44.64	-9.54	-95.23	41.09	-25.00	-45.62	Horizontal
23324.00	-64.74	RMS	38.55	-42.04	-9.54	-95.23	43.52	-25.00	-39.74	Horizontal



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Vertical
 Mode : NR_SA n41_100M_CH528000_BPSK_1RB1

1	2	3	4	5	6					
Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
5190.00	-43.29	RMS	34.46	-22.27	0.33	-95.23	39.42	-25.00	-18.29	Vertical
7785.00	-49.54	RMS	35.93	-20.05	0.34	-95.23	29.47	-25.00	-24.54	Vertical
10380.00	-43.65	RMS	37.44	-17.22	0.27	-95.23	31.09	-25.00	-18.65	Vertical
18154.00	-69.83	RMS	37.60	-45.65	-9.54	-95.23	42.99	-25.00	-44.83	Vertical
20750.00	-69.80	RMS	37.70	-44.64	-9.54	-95.23	41.91	-25.00	-44.80	Vertical
23324.00	-66.07	RMS	38.55	-42.04	-9.54	-95.23	42.19	-25.00	-41.07	Vertical

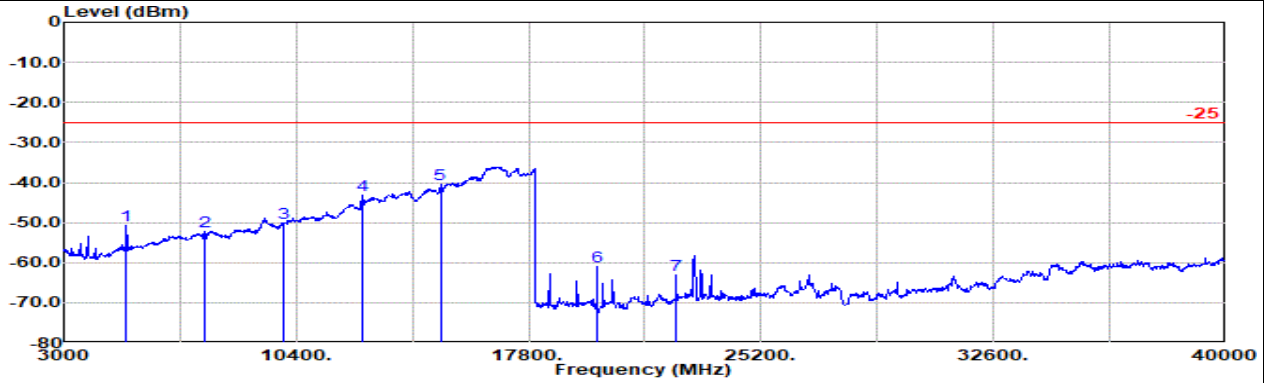


ANT4+1

Part 27M Mode 8

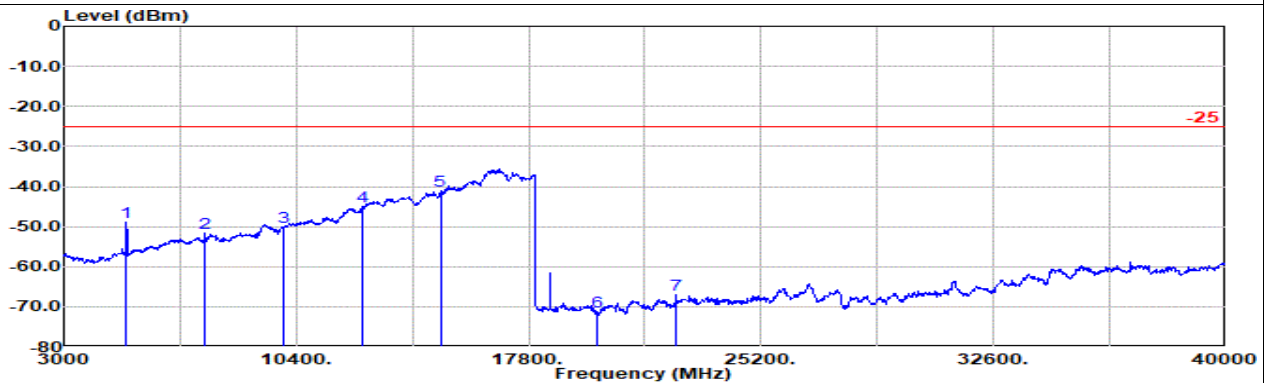
NR SA n41 100M Ch509202 1RB1 BPSK

L



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Horizontal
 Mode : NR_SA n41_100M_CH509202_BPSK_1RB1

No	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Reading	Limit	Margin	Pol
				Factor	1						
1	4995.00	-50.62	RMS	34.40	-22.64	0.74	-95.23	32.11	-25.00	-25.62	Horizontal
2	7500.00	-52.35	RMS	35.50	-20.09	0.33	-95.23	27.14	-25.00	-27.35	Horizontal
3	9990.00	-50.13	RMS	36.86	-18.03	0.28	-95.23	25.99	-25.00	-25.13	Horizontal
4	12495.00	-43.19	RMS	39.19	-14.93	0.33	-95.23	27.45	-25.00	-18.19	Horizontal
5	14985.00	-40.34	RMS	40.07	-12.99	0.59	-95.23	27.22	-25.00	-15.34	Horizontal
6	19980.00	-61.06	RMS	37.74	-44.94	-9.54	-95.23	50.91	-25.00	-36.06	Horizontal
7	22488.00	-63.05	RMS	38.18	-42.97	-9.54	-95.23	46.51	-25.00	-38.05	Horizontal



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Vertical
 Mode : NR_SA n41_100M_CH509202_BPSK_1RB1

No	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Reading	Limit	Margin	Pol
				Factor	1						
1	4995.00	-48.92	RMS	34.40	-22.64	0.74	-95.23	33.81	-25.00	-23.92	Vertical
2	7500.00	-51.52	RMS	35.50	-20.09	0.33	-95.23	27.97	-25.00	-26.52	Vertical
3	9990.00	-50.18	RMS	36.86	-18.03	0.28	-95.23	25.94	-25.00	-25.18	Vertical
4	12495.00	-44.99	RMS	39.19	-14.93	0.33	-95.23	25.65	-25.00	-19.99	Vertical
5	14985.00	-40.92	RMS	40.07	-12.99	0.59	-95.23	26.64	-25.00	-15.92	Vertical
6	19980.00	-71.31	RMS	37.74	-44.94	-9.54	-95.23	40.66	-25.00	-46.31	Vertical
7	22488.00	-67.09	RMS	38.18	-42.97	-9.54	-95.23	42.47	-25.00	-42.09	Vertical

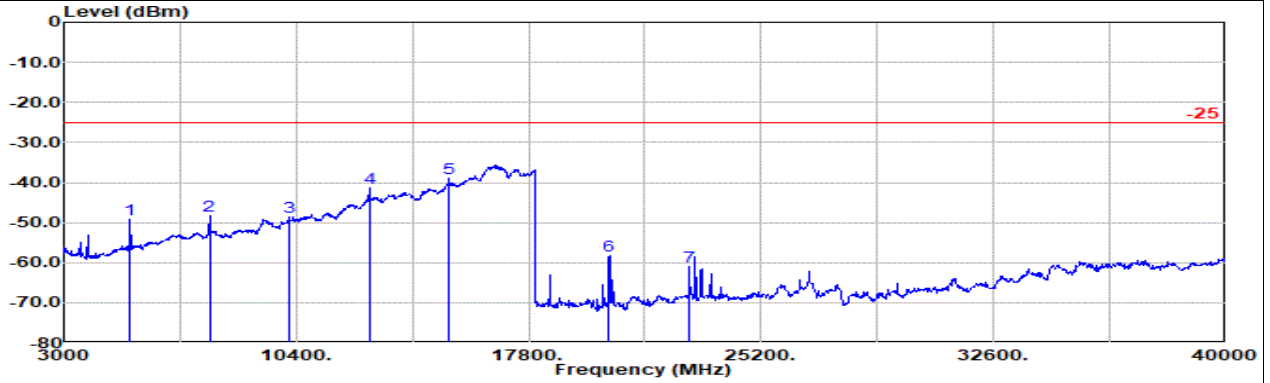


ANT4+1

Part 27M Mode 8

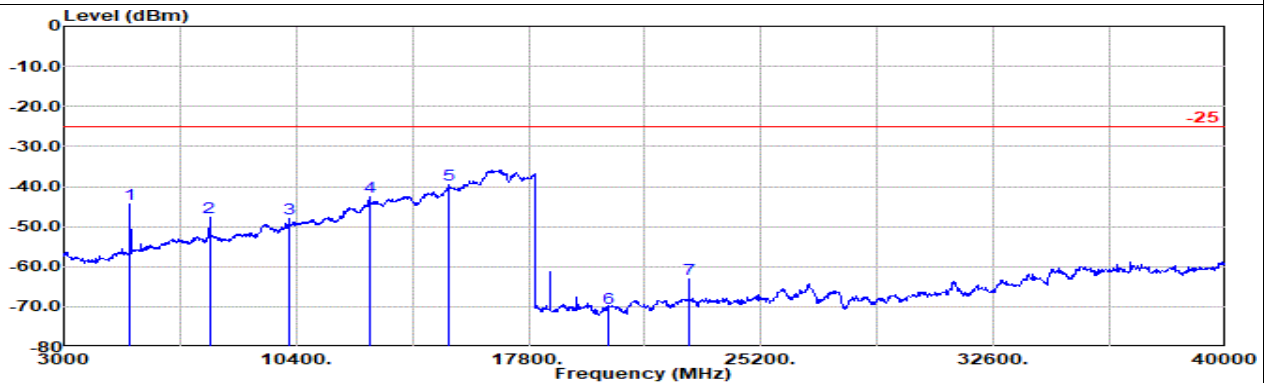
NR SA n41 100M Ch518598 1RB1 BPSK

M



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Horizontal
 Mode : NR_SA n41_100M_CH518598_BPSK_1RB1

1	2	3	4	5	6	7	Ant		Filter		Readin	Limit	Margin	Pol
							Factor	Amp\Cb	1	EIRPCF				
MHz	Level	Detector												
5100.00	-49.15	RMS	34.00	-22.44	0.52	-95.23	34.00	-22.44	0.52	-95.23	34.00	-25.00	-24.15	Horizontal
7635.00	-48.29	RMS	35.90	-20.11	0.35	-95.23	35.90	-20.11	0.35	-95.23	30.80	-25.00	-23.29	Horizontal
10185.00	-48.52	RMS	37.27	-17.63	0.27	-95.23	37.27	-17.63	0.27	-95.23	26.80	-25.00	-23.52	Horizontal
12735.00	-41.30	RMS	39.20	-14.33	0.37	-95.23	39.20	-14.33	0.37	-95.23	28.69	-25.00	-16.30	Horizontal
15270.00	-38.95	RMS	39.96	-13.00	0.61	-95.23	39.96	-13.00	0.61	-95.23	28.71	-25.00	-13.95	Horizontal
20354.00	-58.15	RMS	37.62	-44.79	-9.54	-95.23	37.62	-44.79	-9.54	-95.23	53.79	-25.00	-33.15	Horizontal
22906.00	-60.89	RMS	38.42	-42.69	-9.54	-95.23	38.42	-42.69	-9.54	-95.23	48.15	-25.00	-35.89	Horizontal



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Vertical
 Mode : NR_SA n41_100M_CH518598_BPSK_1RB1

1	2	3	4	5	6	7	Ant		Filter		Readin	Limit	Margin	Pol
							Factor	Amp\Cb	1	EIRPCF				
MHz	Level	Detector												
5100.00	-44.30	RMS	34.00	-22.44	0.52	-95.23	34.00	-22.44	0.52	-95.23	38.85	-25.00	-19.30	Vertical
7635.00	-47.84	RMS	35.90	-20.11	0.35	-95.23	35.90	-20.11	0.35	-95.23	31.25	-25.00	-22.84	Vertical
10185.00	-47.91	RMS	37.27	-17.63	0.27	-95.23	37.27	-17.63	0.27	-95.23	27.41	-25.00	-22.91	Vertical
12735.00	-42.47	RMS	39.20	-14.33	0.37	-95.23	39.20	-14.33	0.37	-95.23	27.52	-25.00	-17.47	Vertical
15270.00	-39.56	RMS	39.96	-13.00	0.61	-95.23	39.96	-13.00	0.61	-95.23	28.10	-25.00	-14.56	Vertical
20354.00	-70.21	RMS	37.62	-44.79	-9.54	-95.23	37.62	-44.79	-9.54	-95.23	41.73	-25.00	-45.21	Vertical
22906.00	-63.03	RMS	38.42	-42.69	-9.54	-95.23	38.42	-42.69	-9.54	-95.23	46.01	-25.00	-38.03	Vertical

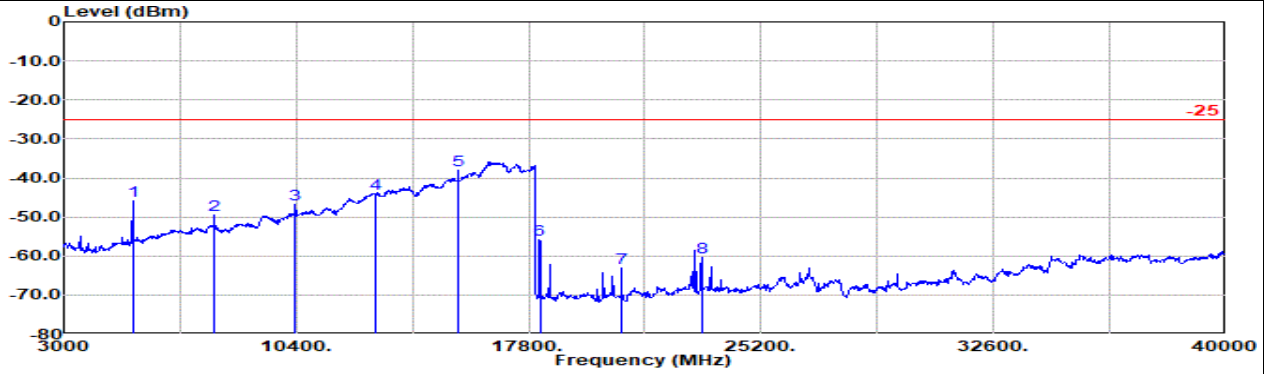


ANT4+1

Part 27M Mode 8

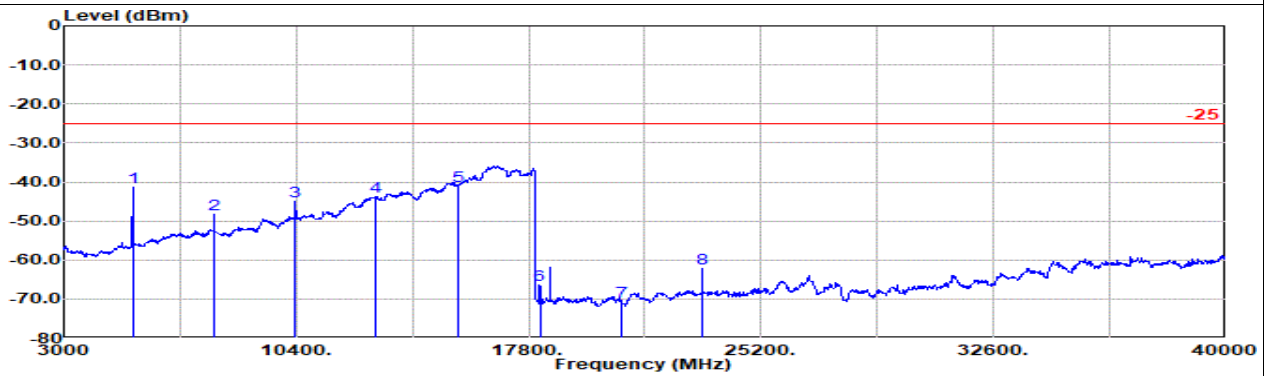
NR SA n41 100M Ch528000 1RB1 BPSK

H



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Horizontal
 Mode : NR_SA n41_100M_CH528000_BPSK_1RB1

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	5190.00	-45.99	RMS	34.46	-22.27	0.33	-95.23	36.72	-25.00	-20.99	Horizontal
2	7785.00	-49.43	RMS	35.93	-20.05	0.34	-95.23	29.58	-25.00	-24.43	Horizontal
3	10365.00	-46.85	RMS	37.47	-17.25	0.27	-95.23	27.89	-25.00	-21.85	Horizontal
4	12945.00	-44.20	RMS	39.49	-13.80	0.39	-95.23	24.95	-25.00	-19.20	Horizontal
5	15555.00	-38.15	RMS	40.22	-13.02	0.63	-95.23	29.25	-25.00	-13.15	Horizontal
6	18154.00	-55.73	RMS	37.60	-45.65	-9.54	-95.23	57.09	-25.00	-30.73	Horizontal
7	20750.00	-62.98	RMS	37.70	-44.64	-9.54	-95.23	48.73	-25.00	-37.98	Horizontal
8	23324.00	-60.31	RMS	38.55	-42.04	-9.54	-95.23	47.95	-25.00	-35.31	Horizontal



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Vertical
 Mode : NR_SA n41_100M_CH528000_BPSK_1RB1

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	5190.00	-41.47	RMS	34.46	-22.27	0.33	-95.23	41.24	-25.00	-16.47	Vertical
2	7785.00	-48.26	RMS	35.93	-20.05	0.34	-95.23	30.75	-25.00	-23.26	Vertical
3	10380.00	-45.12	RMS	37.44	-17.22	0.27	-95.23	29.62	-25.00	-20.12	Vertical
4	12945.00	-43.85	RMS	39.49	-13.80	0.39	-95.23	25.30	-25.00	-18.85	Vertical
5	15555.00	-40.97	RMS	40.22	-13.02	0.63	-95.23	26.43	-25.00	-15.97	Vertical
6	18154.00	-66.35	RMS	37.60	-45.65	-9.54	-95.23	46.47	-25.00	-41.35	Vertical
7	20750.00	-70.54	RMS	37.70	-44.64	-9.54	-95.23	41.17	-25.00	-45.54	Vertical
8	23324.00	-62.20	RMS	38.55	-42.04	-9.54	-95.23	46.06	-25.00	-37.20	Vertical

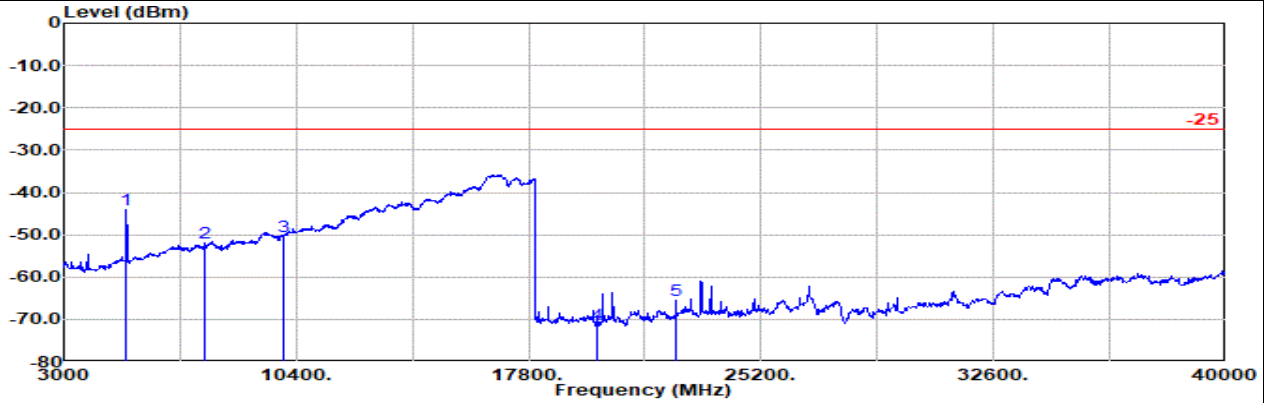


ANT2+4

Part 27M Mode 2

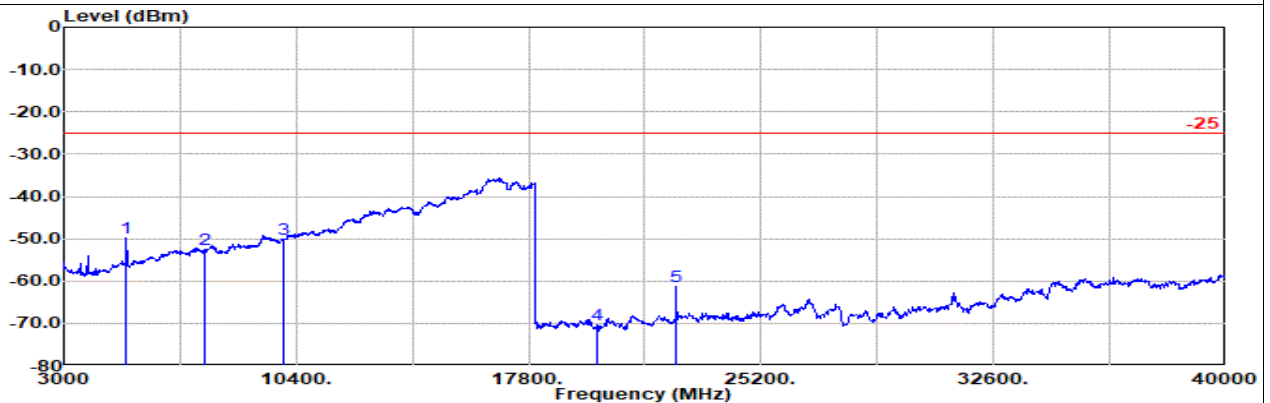
EN-DC B2+n41 10M + 100M Ch18900 1RB0 QPSK + Ch509202 1RB1 BPSK

L



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Horizontal
 Mode : ENDC B2+n41_100M_CH509202_BPSK_1RB1

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit dBm	Margin dB	Pol
				Factor	1						
1	4995.00	-44.22	RMS	34.40	-22.64	0.74	-95.23	38.51	-25.00	-19.22	Horizontal
2	7500.00	-51.87	RMS	35.50	-20.09	0.33	-95.23	27.62	-25.00	-26.87	Horizontal
3	9988.00	-50.47	RMS	36.85	-18.03	0.28	-95.23	25.66	-25.00	-25.47	Horizontal
4	19980.00	-71.19	RMS	37.74	-44.94	-9.54	-95.23	40.78	-25.00	-46.19	Horizontal
5	22488.00	-65.56	RMS	38.18	-42.97	-9.54	-95.23	44.00	-25.00	-40.56	Horizontal



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Vertical
 Mode : ENDC B2+n41_100M_CH509202_BPSK_1RB1

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit dBm	Margin dB	Pol
				Factor	1						
1	4995.00	-49.85	RMS	34.40	-22.64	0.74	-95.23	32.88	-25.00	-24.85	Vertical
2	7500.00	-52.45	RMS	35.50	-20.09	0.33	-95.23	27.04	-25.00	-27.45	Vertical
3	9988.00	-50.11	RMS	36.85	-18.03	0.28	-95.23	26.02	-25.00	-25.11	Vertical
4	19980.00	-70.37	RMS	37.74	-44.94	-9.54	-95.23	41.60	-25.00	-45.37	Vertical
5	22488.00	-61.33	RMS	38.18	-42.97	-9.54	-95.23	48.23	-25.00	-36.33	Vertical

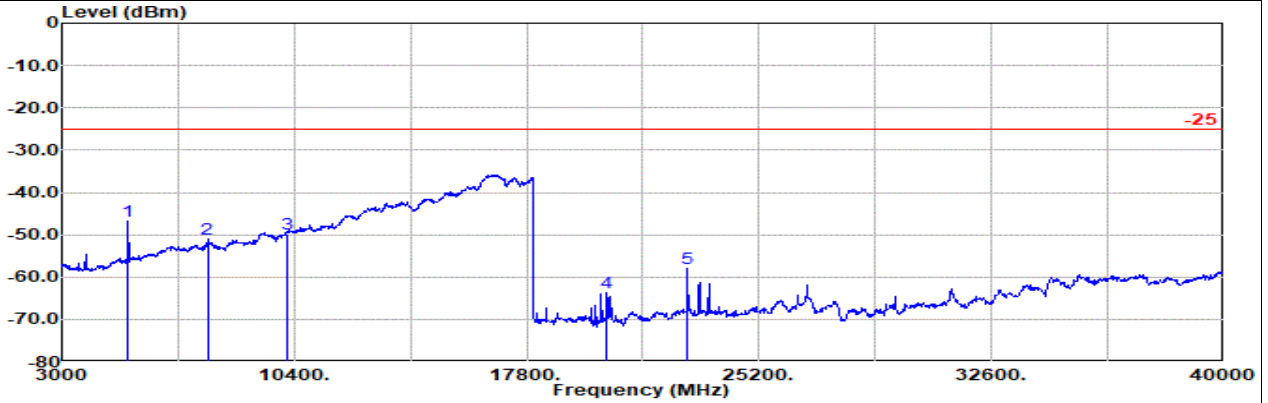


ANT2+4

Part 27M Mode 2

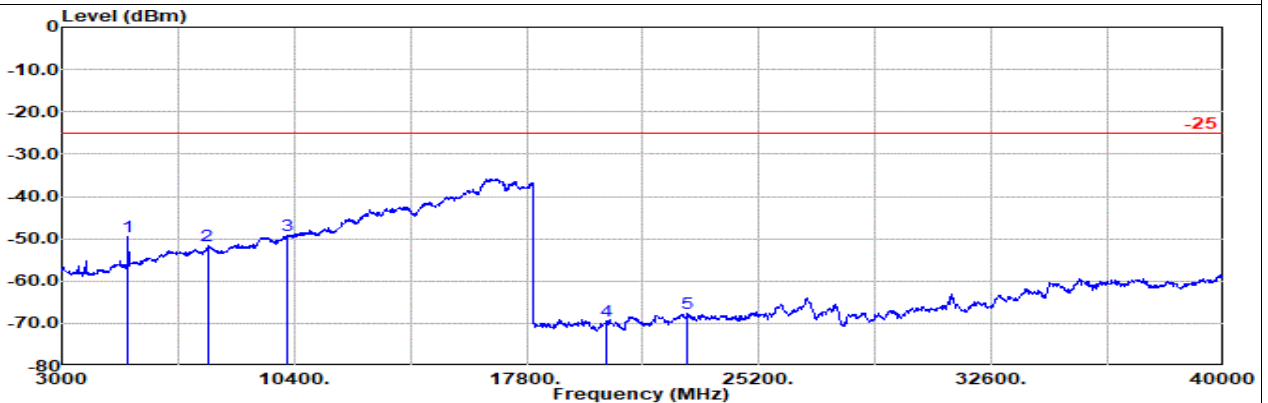
EN-DC B2+n41 10M + 100M Ch18900 1RB0 QPSK + Ch518598 1RB1 BPSK

M



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Horizontal
 Mode : ENDC B2+n41_100M_CH518598_BPSK_1RB1

Freq	Level	Detector	Ant Amp\Cb		Filter		EIRPCF	Readin	Limit	Margin	Pol
			Factor	1	dB	dB					
1	5100.00	-46.74	RMS	34.00	-22.44	0.52	-95.23	36.41	-25.00	-21.74	Horizontal
2	7635.00	-51.05	RMS	35.90	-20.11	0.35	-95.23	28.04	-25.00	-26.05	Horizontal
3	10176.00	-49.70	RMS	37.25	-17.65	0.27	-95.23	25.66	-25.00	-24.70	Horizontal
4	20354.00	-63.71	RMS	37.62	-44.79	-9.54	-95.23	48.23	-25.00	-38.71	Horizontal
5	22906.00	-58.04	RMS	38.42	-42.69	-9.54	-95.23	51.00	-25.00	-33.04	Horizontal



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Vertical
 Mode : ENDC B2+n41_100M_CH518598_BPSK_1RB1

Freq	Level	Detector	Ant Amp\Cb		Filter		EIRPCF	Readin	Limit	Margin	Pol
			Factor	1	dB	dB					
1	5100.00	-49.50	RMS	34.00	-22.44	0.52	-95.23	33.65	-25.00	-24.50	Vertical
2	7635.00	-51.77	RMS	35.90	-20.11	0.35	-95.23	27.32	-25.00	-26.77	Vertical
3	10176.00	-49.35	RMS	37.25	-17.65	0.27	-95.23	26.01	-25.00	-24.35	Vertical
4	20354.00	-69.47	RMS	37.62	-44.79	-9.54	-95.23	42.47	-25.00	-44.47	Vertical
5	22906.00	-67.70	RMS	38.42	-42.69	-9.54	-95.23	41.34	-25.00	-42.70	Vertical

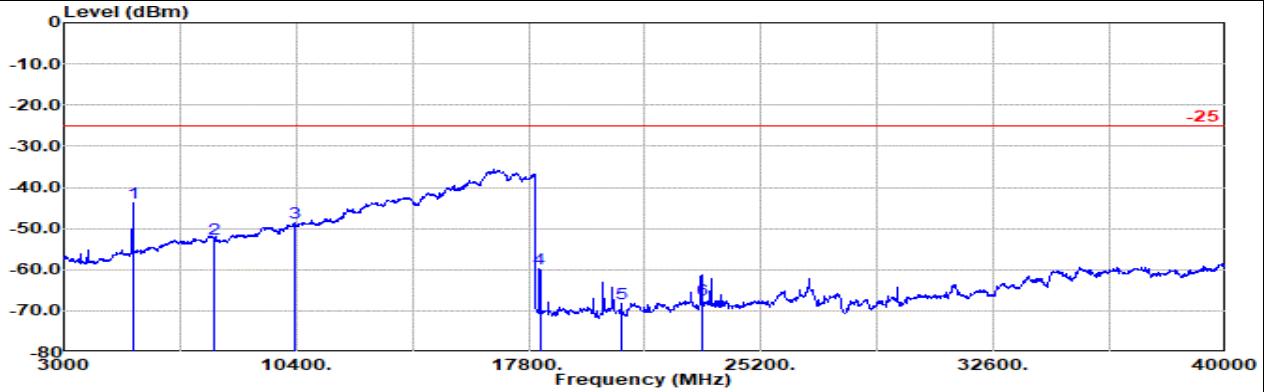


ANT2+4

Part 27M Mode 2

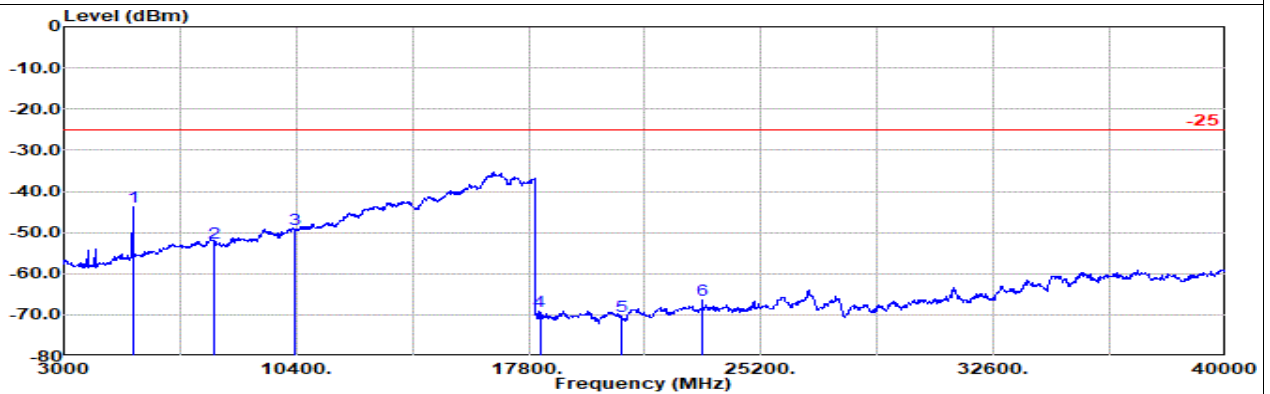
EN-DC B2+n41 10M + 100M Ch18900 1RB0 QPSK + Ch528000 1RB1 BPSK

H



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Horizontal
 Mode : ENDC B2+n41_100M_CH528000_BPSK_1RB1

1	2	3	4	5	6					
Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
5190.00	-43.71	RMS	34.46	-22.27	0.33	-95.23	39.00	-25.00	-18.71	Horizontal
7785.00	-52.47	RMS	35.93	-20.05	0.34	-95.23	26.54	-25.00	-27.47	Horizontal
10380.00	-48.61	RMS	37.44	-17.22	0.27	-95.23	26.13	-25.00	-23.61	Horizontal
18154.00	-59.78	RMS	37.60	-45.65	-9.54	-95.23	53.04	-25.00	-34.78	Horizontal
20750.00	-68.10	RMS	37.70	-44.64	-9.54	-95.23	43.61	-25.00	-43.10	Horizontal
23324.00	-67.39	RMS	38.55	-42.04	-9.54	-95.23	40.87	-25.00	-42.39	Horizontal



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Vertical
 Mode : ENDC B2+n41_100M_CH528000_BPSK_1RB1

1	2	3	4	5	6					
Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
5190.00	-43.65	RMS	34.46	-22.27	0.33	-95.23	39.06	-25.00	-18.65	Vertical
7785.00	-52.56	RMS	35.93	-20.05	0.34	-95.23	26.45	-25.00	-27.56	Vertical
10380.00	-49.16	RMS	37.44	-17.22	0.27	-95.23	25.58	-25.00	-24.16	Vertical
18154.00	-69.13	RMS	37.60	-45.65	-9.54	-95.23	43.69	-25.00	-44.13	Vertical
20750.00	-70.40	RMS	37.70	-44.64	-9.54	-95.23	41.31	-25.00	-45.40	Vertical
23324.00	-66.29	RMS	38.55	-42.04	-9.54	-95.23	41.97	-25.00	-41.29	Vertical

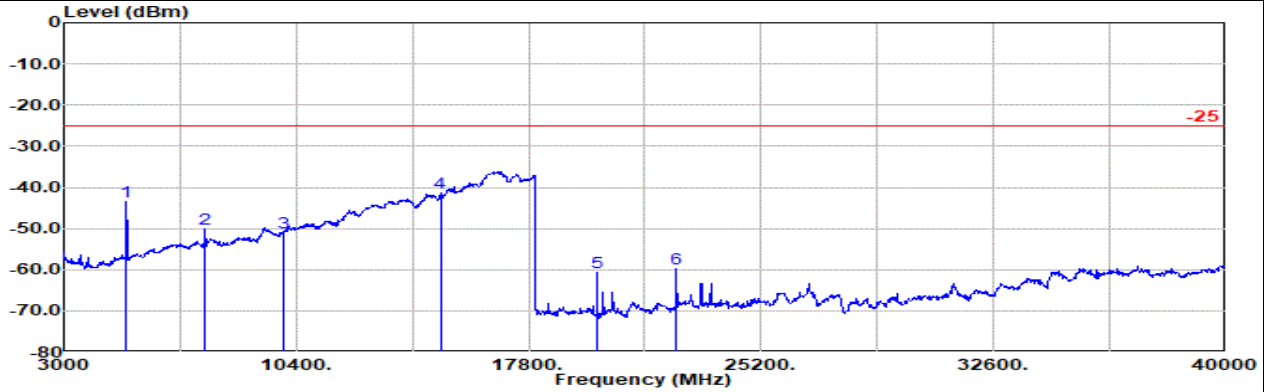


ANT2

Part 27M Mode 3

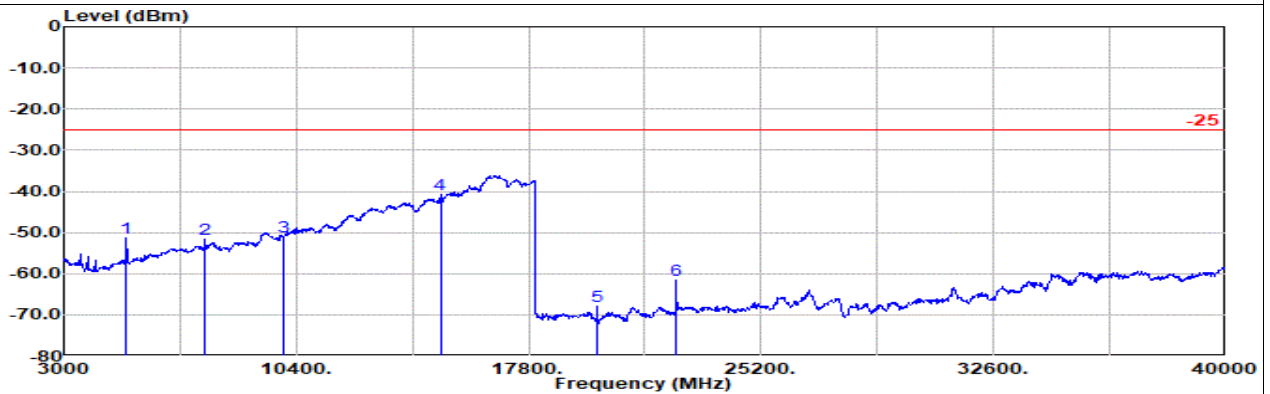
NR SA n41 100M Ch509202 1RB1 BPSK

L



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Horizontal
 Mode : NR_SA n41_100M_CH509202_BPSK_1RB1

Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Reading	Limit	Margin	Pol
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1 4995.00	-43.53	RMS	34.40	-22.64	0.74	-95.23	39.20	-25.00	-18.53	Horizontal
2 7500.00	-50.20	RMS	35.50	-20.09	0.33	-95.23	29.29	-25.00	-25.20	Horizontal
3 9990.00	-50.98	RMS	36.86	-18.03	0.28	-95.23	25.14	-25.00	-25.98	Horizontal
4 14985.00	-41.48	RMS	40.07	-12.99	0.59	-95.23	26.08	-25.00	-16.48	Horizontal
5 19980.00	-60.80	RMS	37.74	-44.94	-9.54	-95.23	51.17	-25.00	-35.80	Horizontal
6 22488.00	-59.78	RMS	38.18	-42.97	-9.54	-95.23	49.78	-25.00	-34.78	Horizontal



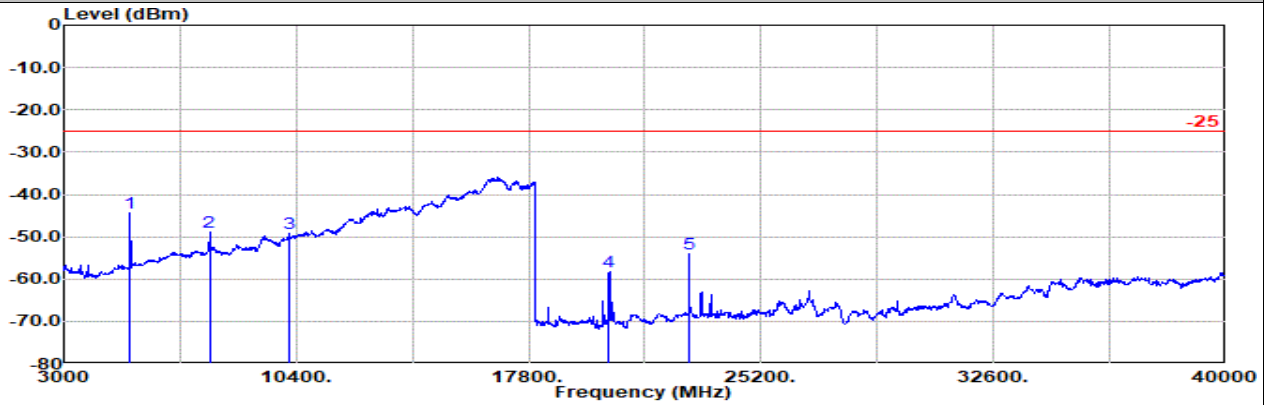
Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Vertical
 Mode : NR_SA n41_100M_CH509202_BPSK_1RB1

Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Reading	Limit	Margin	Pol
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1 4995.00	-51.35	RMS	34.40	-22.64	0.74	-95.23	31.38	-25.00	-26.35	Vertical
2 7500.00	-51.73	RMS	35.50	-20.09	0.33	-95.23	27.76	-25.00	-26.73	Vertical
3 9990.00	-50.90	RMS	36.86	-18.03	0.28	-95.23	25.22	-25.00	-25.90	Vertical
4 14985.00	-40.81	RMS	40.07	-12.99	0.59	-95.23	26.75	-25.00	-15.81	Vertical
5 19980.00	-68.02	RMS	37.74	-44.94	-9.54	-95.23	43.95	-25.00	-43.02	Vertical
6 22488.00	-61.53	RMS	38.18	-42.97	-9.54	-95.23	48.03	-25.00	-36.53	Vertical



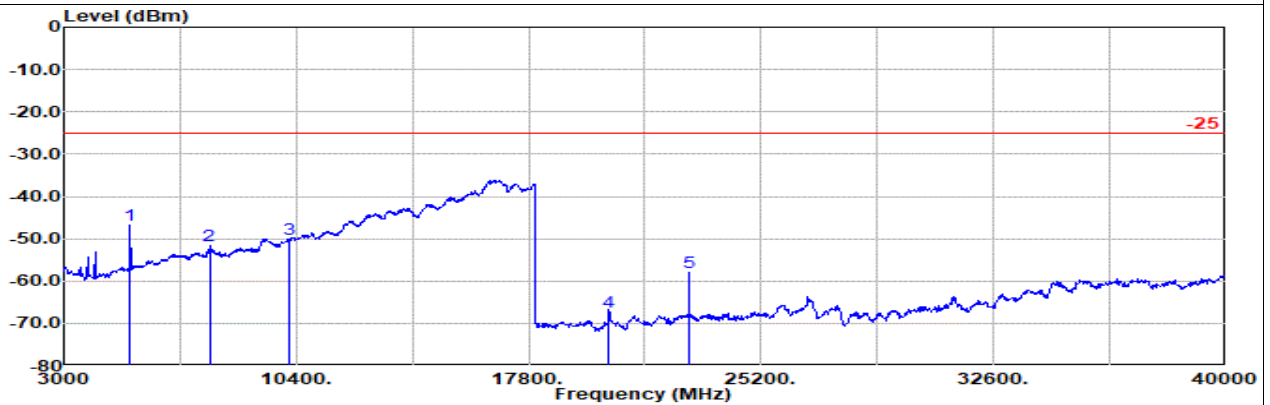
ANT2

Part 27M Mode 3
NR SA n41 100M Ch518598 1RB1 BPSK
M



Site : 03CH07-HY
Condition: -25 3m HF_ANT_00075962 Horizontal
Mode : NR_SA n41_100M_CH518598_BPSK_1RB1

Freq	Level	Detector	Ant Amp\Cb		Filter		EIRPCF	Readin	Limit	Margin	Pol
			Factor	1	dB	dB					
1	5100.00	-44.44	RMS	34.00	-22.44	0.52	-95.23	38.71	-25.00	-19.44	Horizontal
2	7635.00	-48.82	RMS	35.90	-20.11	0.35	-95.23	30.27	-25.00	-23.82	Horizontal
3	10185.00	-49.16	RMS	37.27	-17.63	0.27	-95.23	26.16	-25.00	-24.16	Horizontal
4	20354.00	-58.15	RMS	37.62	-44.79	-9.54	-95.23	53.79	-25.00	-33.15	Horizontal
5	22906.00	-54.17	RMS	38.42	-42.69	-9.54	-95.23	54.87	-25.00	-29.17	Horizontal



Site : 03CH07-HY
Condition: -25 3m HF_ANT_00075962 Vertical
Mode : NR_SA n41_100M_CH518598_BPSK_1RB1

Freq	Level	Detector	Ant Amp\Cb		Filter		EIRPCF	Readin	Limit	Margin	Pol
			Factor	1	dB	dB					
1	5100.00	-46.67	RMS	34.00	-22.44	0.52	-95.23	36.48	-25.00	-21.67	Vertical
2	7635.00	-51.48	RMS	35.90	-20.11	0.35	-95.23	27.61	-25.00	-26.48	Vertical
3	10185.00	-49.98	RMS	37.27	-17.63	0.27	-95.23	25.34	-25.00	-24.98	Vertical
4	20354.00	-67.46	RMS	37.62	-44.79	-9.54	-95.23	44.48	-25.00	-42.46	Vertical
5	22906.00	-57.91	RMS	38.42	-42.69	-9.54	-95.23	51.13	-25.00	-32.91	Vertical

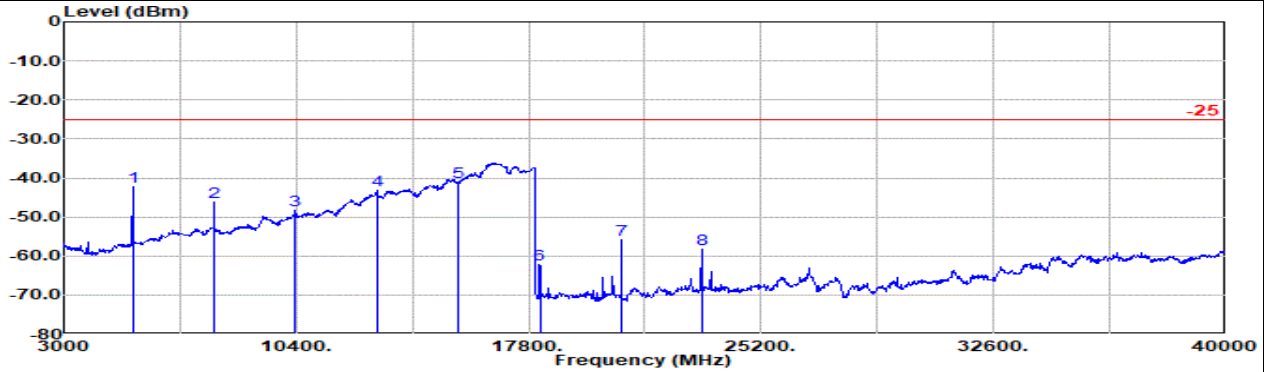


ANT2

Part 27M Mode 3

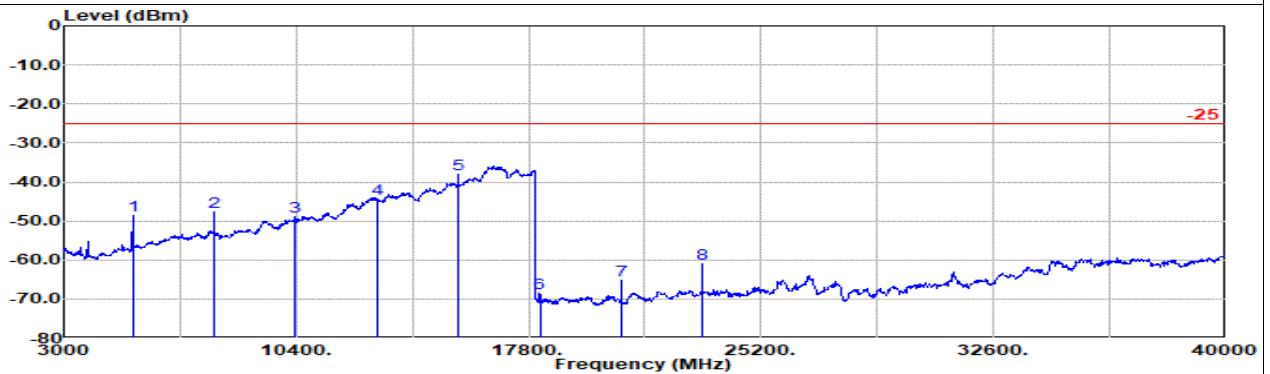
NR SA n41 100M Ch528000 1RB1 BPSK

H



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Horizontal
 Mode : NR_SA n41_100M_CH528000_BPSK_1RB1

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	5190.00	-42.13	RMS	34.46	-22.27	0.33	-95.23	40.58	-25.00	-17.13	Horizontal
2	7785.00	-46.26	RMS	35.93	-20.05	0.34	-95.23	32.75	-25.00	-21.26	Horizontal
3	10380.00	-48.19	RMS	37.44	-17.22	0.27	-95.23	26.55	-25.00	-23.19	Horizontal
4	12960.00	-43.20	RMS	39.46	-13.77	0.39	-95.23	25.95	-25.00	-18.20	Horizontal
5	15555.00	-40.91	RMS	40.22	-13.02	0.63	-95.23	26.49	-25.00	-15.91	Horizontal
6	18154.00	-62.27	RMS	37.60	-45.65	-9.54	-95.23	50.55	-25.00	-37.27	Horizontal
7	20750.00	-55.98	RMS	37.70	-44.64	-9.54	-95.23	55.73	-25.00	-30.98	Horizontal
8	23324.00	-58.28	RMS	38.55	-42.04	-9.54	-95.23	49.98	-25.00	-33.28	Horizontal



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Vertical
 Mode : NR_SA n41_100M_CH528000_BPSK_1RB1

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	5190.00	-48.53	RMS	34.46	-22.27	0.33	-95.23	34.18	-25.00	-23.53	Vertical
2	7785.00	-47.71	RMS	35.93	-20.05	0.34	-95.23	31.30	-25.00	-22.71	Vertical
3	10380.00	-48.90	RMS	37.44	-17.22	0.27	-95.23	25.84	-25.00	-23.90	Vertical
4	12960.00	-44.26	RMS	39.46	-13.77	0.39	-95.23	24.89	-25.00	-19.26	Vertical
5	15555.00	-37.97	RMS	40.22	-13.02	0.63	-95.23	29.43	-25.00	-12.97	Vertical
6	18154.00	-68.49	RMS	37.60	-45.65	-9.54	-95.23	44.33	-25.00	-43.49	Vertical
7	20750.00	-65.29	RMS	37.70	-44.64	-9.54	-95.23	46.42	-25.00	-40.29	Vertical
8	23324.00	-61.08	RMS	38.55	-42.04	-9.54	-95.23	47.18	-25.00	-36.08	Vertical

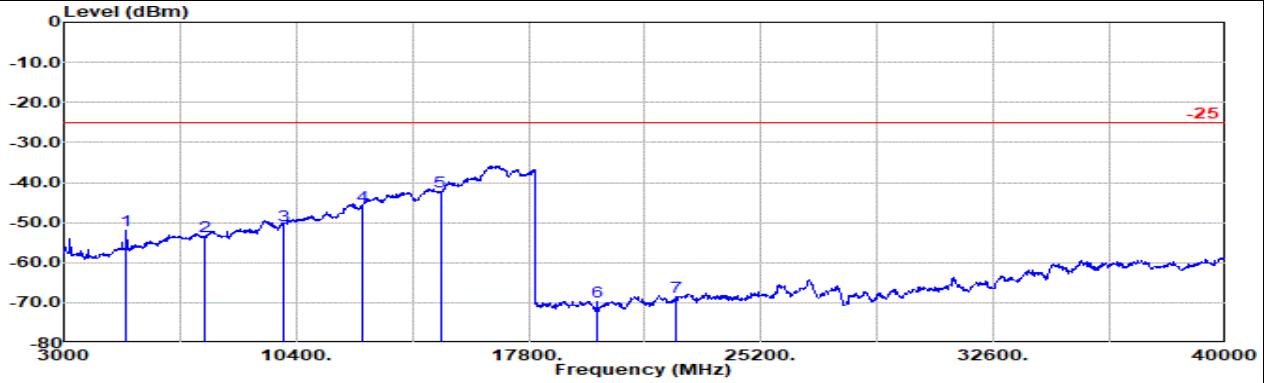


ANT2+3

Part 27M Mode 9

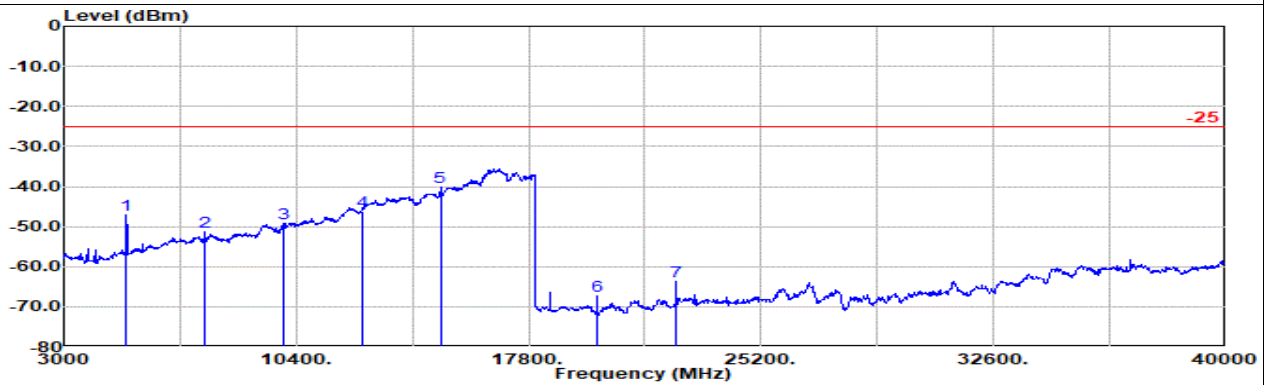
NR SA n41 100M Ch509202 1RB1 BPSK

L



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Horizontal
 Mode : NR_SA n41_100M_CH509202_BPSK_1RB1

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit	Margin	Pol
				Factor	1						
1	4995.00	-51.87	RMS	34.40	-22.64	0.74	-95.23	30.86	-25.00	-26.87	Horizontal
2	7500.00	-53.33	RMS	35.50	-20.09	0.33	-95.23	26.16	-25.00	-28.33	Horizontal
3	9990.00	-50.64	RMS	36.86	-18.03	0.28	-95.23	25.48	-25.00	-25.64	Horizontal
4	12480.00	-45.95	RMS	39.16	-14.96	0.33	-95.23	24.75	-25.00	-20.95	Horizontal
5	14985.00	-42.30	RMS	40.07	-12.99	0.59	-95.23	25.26	-25.00	-17.30	Horizontal
6	19980.00	-69.86	RMS	37.74	-44.94	-9.54	-95.23	42.11	-25.00	-44.86	Horizontal
7	22488.00	-68.47	RMS	38.18	-42.97	-9.54	-95.23	41.09	-25.00	-43.47	Horizontal



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Vertical
 Mode : NR_SA n41_100M_CH509202_BPSK_1RB1

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit	Margin	Pol
				Factor	1						
1	4995.00	-47.03	RMS	34.40	-22.64	0.74	-95.23	35.70	-25.00	-22.03	Vertical
2	7500.00	-51.31	RMS	35.50	-20.09	0.33	-95.23	28.18	-25.00	-26.31	Vertical
3	9990.00	-49.14	RMS	36.86	-18.03	0.28	-95.23	26.98	-25.00	-24.14	Vertical
4	12480.00	-46.24	RMS	39.16	-14.96	0.33	-95.23	24.46	-25.00	-21.24	Vertical
5	14985.00	-40.07	RMS	40.07	-12.99	0.59	-95.23	27.49	-25.00	-15.07	Vertical
6	19980.00	-67.22	RMS	37.74	-44.94	-9.54	-95.23	44.75	-25.00	-42.22	Vertical
7	22488.00	-63.80	RMS	38.18	-42.97	-9.54	-95.23	45.76	-25.00	-38.80	Vertical

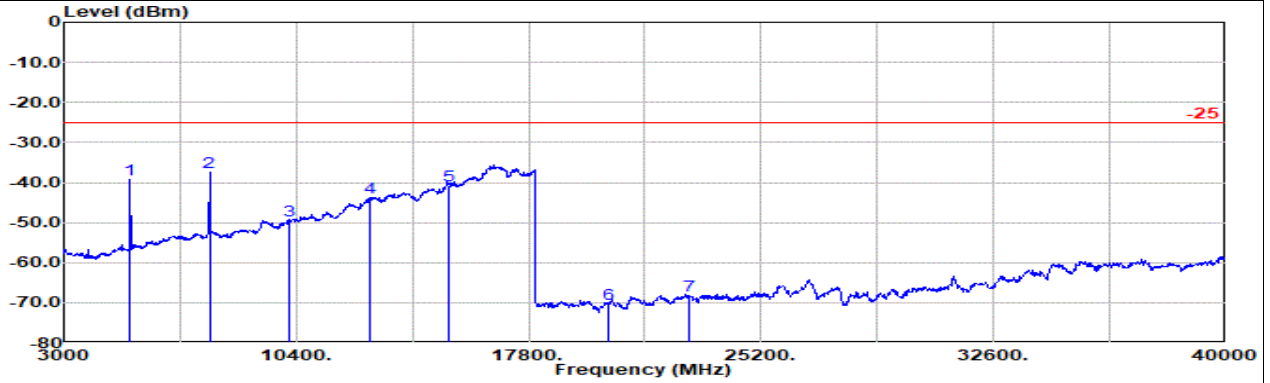


ANT2+3

Part 27M Mode 9

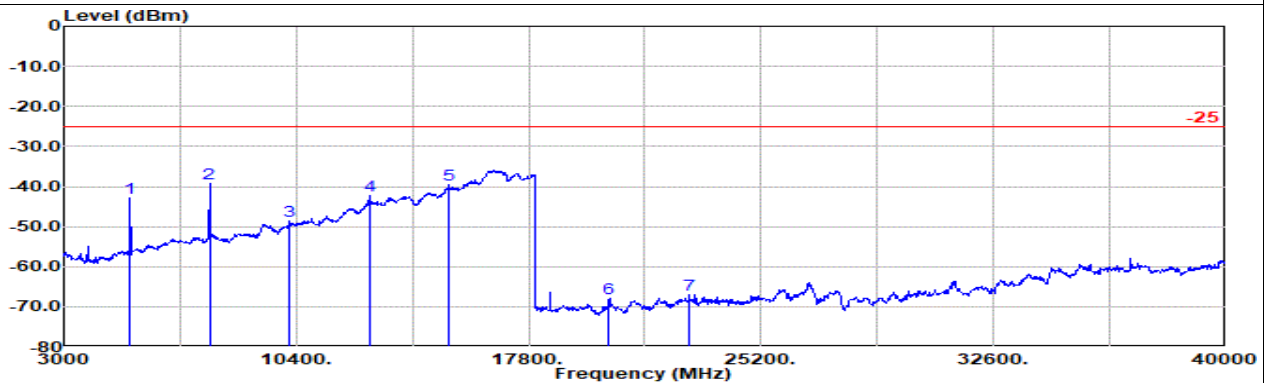
NR SA n41 100M Ch518598 1RB1 BPSK

M



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Horizontal
 Mode : NR_SA n41_100M_CH518598_BPSK_1RB1

	Freq MHz	Level dBm	Detector	Ant		Filter	EIRPCF	Readin g	Limit	Margin	Pol
				Factor	Amp\Cb dB						
1	5100.00	-39.22	RMS	34.00	-22.44	0.52	-95.23	43.93	-25.00	-14.22	Horizontal
2	7635.00	-37.42	RMS	35.90	-20.11	0.35	-95.23	41.67	-25.00	-12.42	Horizontal
3	10185.00	-49.49	RMS	37.27	-17.63	0.27	-95.23	25.83	-25.00	-24.49	Horizontal
4	12735.00	-43.84	RMS	39.20	-14.33	0.37	-95.23	26.15	-25.00	-18.84	Horizontal
5	15270.00	-40.62	RMS	39.96	-13.00	0.61	-95.23	27.04	-25.00	-15.62	Horizontal
6	20354.00	-70.42	RMS	37.62	-44.79	-9.54	-95.23	41.52	-25.00	-45.42	Horizontal
7	22906.00	-68.28	RMS	38.42	-42.69	-9.54	-95.23	40.76	-25.00	-43.28	Horizontal



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Vertical
 Mode : NR_SA n41_100M_CH518598_BPSK_1RB1

	Freq MHz	Level dBm	Detector	Ant		Filter	EIRPCF	Readin g	Limit	Margin	Pol
				Factor	Amp\Cb dB						
1	5100.00	-42.89	RMS	34.00	-22.44	0.52	-95.23	40.26	-25.00	-17.89	Vertical
2	7635.00	-39.33	RMS	35.90	-20.11	0.35	-95.23	39.76	-25.00	-14.33	Vertical
3	10185.00	-48.58	RMS	37.27	-17.63	0.27	-95.23	26.74	-25.00	-23.58	Vertical
4	12735.00	-42.37	RMS	39.20	-14.33	0.37	-95.23	27.62	-25.00	-17.37	Vertical
5	15270.00	-39.59	RMS	39.96	-13.00	0.61	-95.23	28.07	-25.00	-14.59	Vertical
6	20354.00	-67.92	RMS	37.62	-44.79	-9.54	-95.23	44.02	-25.00	-42.92	Vertical
7	22906.00	-66.89	RMS	38.42	-42.69	-9.54	-95.23	42.14	-25.00	-41.89	Vertical



ANT2+3

Part 27M Mode 9

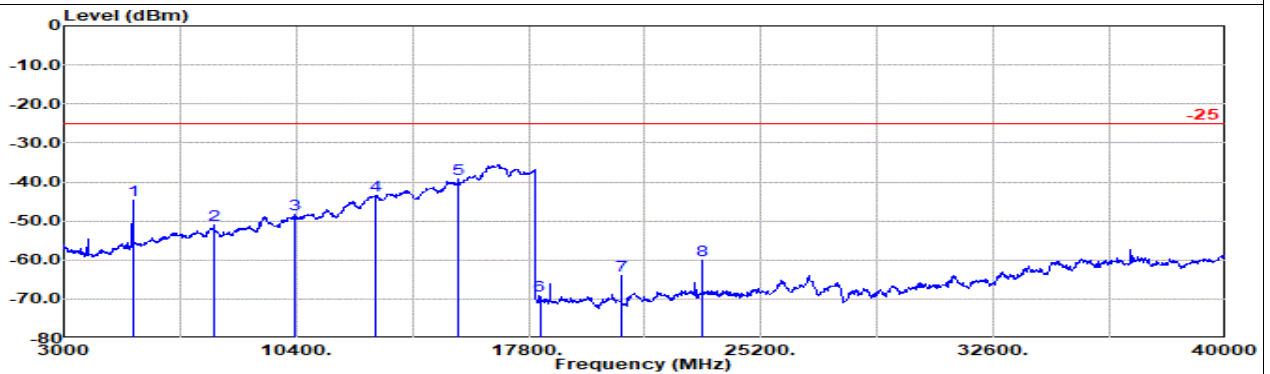
NR SA n41 100M Ch528000 1RB1 BPSK

H



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Horizontal
 Mode : NR_SA n41_100M_CH528000_BPSK_1RB1

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	5190.00	-50.87	RMS	34.46	-22.27	0.33	-95.23	31.84	-25.00	-25.87	Horizontal
2	7785.00	-52.44	RMS	35.93	-20.05	0.34	-95.23	26.57	-25.00	-27.44	Horizontal
3	10380.00	-49.20	RMS	37.44	-17.22	0.27	-95.23	25.54	-25.00	-24.20	Horizontal
4	12945.00	-43.96	RMS	39.49	-13.80	0.39	-95.23	25.19	-25.00	-18.96	Horizontal
5	15555.00	-40.55	RMS	40.22	-13.02	0.63	-95.23	26.85	-25.00	-15.55	Horizontal
6	18154.00	-70.70	RMS	37.60	-45.65	-9.54	-95.23	42.12	-25.00	-45.70	Horizontal
7	20750.00	-70.74	RMS	37.70	-44.64	-9.54	-95.23	40.97	-25.00	-45.74	Horizontal
8	23324.00	-67.99	RMS	38.55	-42.04	-9.54	-95.23	40.27	-25.00	-42.99	Horizontal



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Vertical
 Mode : NR_SA n41_100M_CH528000_BPSK_1RB1

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	5190.00	-44.62	RMS	34.46	-22.27	0.33	-95.23	38.09	-25.00	-19.62	Vertical
2	7785.00	-51.10	RMS	35.93	-20.05	0.34	-95.23	27.91	-25.00	-26.10	Vertical
3	10380.00	-48.30	RMS	37.44	-17.22	0.27	-95.23	26.44	-25.00	-23.30	Vertical
4	12945.00	-43.61	RMS	39.49	-13.80	0.39	-95.23	25.54	-25.00	-18.61	Vertical
5	15555.00	-39.20	RMS	40.22	-13.02	0.63	-95.23	28.20	-25.00	-14.20	Vertical
6	18154.00	-69.03	RMS	37.60	-45.65	-9.54	-95.23	43.79	-25.00	-44.03	Vertical
7	20750.00	-63.97	RMS	37.70	-44.64	-9.54	-95.23	47.74	-25.00	-38.97	Vertical
8	23324.00	-60.12	RMS	38.55	-42.04	-9.54	-95.23	48.14	-25.00	-35.12	Vertical

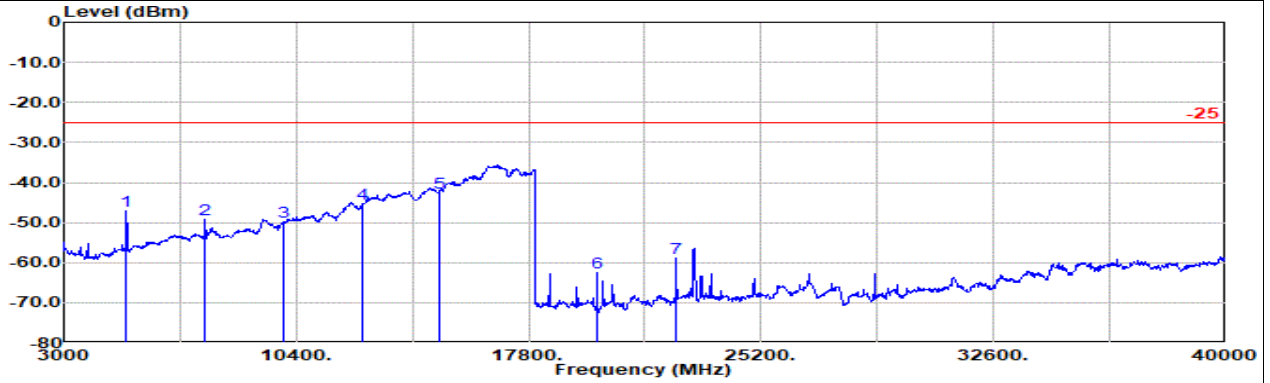


ANT2+1

Part 27M Mode 10

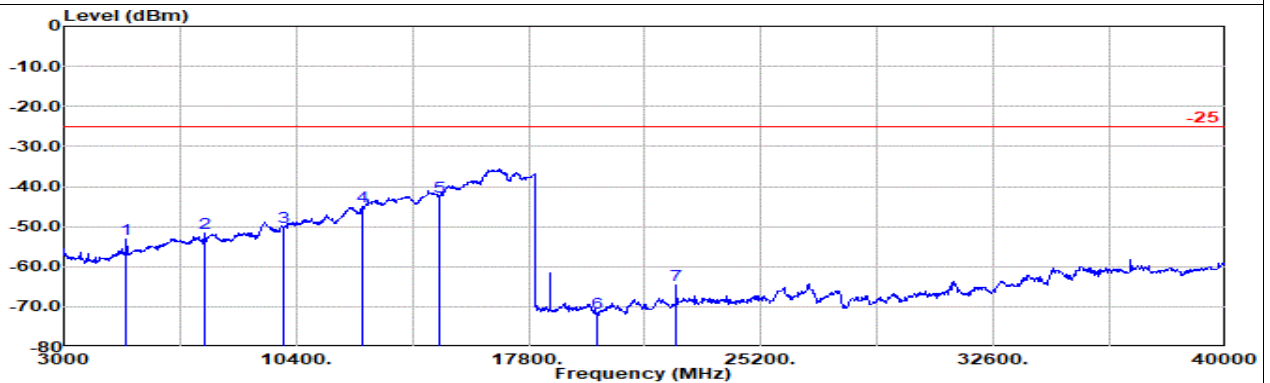
NR SA n41 100M Ch509202 1RB1 BPSK

L



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Horizontal
 Mode : NR_SA n41_100M_CH509202_BPSK_1RB1

1	2	3	4	5	6	7	Ant		Filter		EIRPCF	Readin g	Limit	Margin	Pol
							Factor	Amp\Cb	1	dB					
MHz	Level	Detector	Factor	dB/m	dB	dB	dB	dB	dB	dB	dBuV	dBm	dB		
4995.00	-47.17	RMS	34.40	-22.64	0.74	-95.23	35.56	-25.00	-22.17	Horizontal					
7500.00	-49.30	RMS	35.50	-20.09	0.33	-95.23	30.19	-25.00	-24.30	Horizontal					
9990.00	-49.67	RMS	36.86	-18.03	0.28	-95.23	26.45	-25.00	-24.67	Horizontal					
12495.00	-45.37	RMS	39.19	-14.93	0.33	-95.23	25.27	-25.00	-20.37	Horizontal					
14970.00	-42.53	RMS	40.04	-12.98	0.59	-95.23	25.05	-25.00	-17.53	Horizontal					
19980.00	-62.40	RMS	37.74	-44.94	-9.54	-95.23	49.57	-25.00	-37.40	Horizontal					
22488.00	-58.95	RMS	38.18	-42.97	-9.54	-95.23	50.61	-25.00	-33.95	Horizontal					



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Vertical
 Mode : NR_SA n41_100M_CH509202_BPSK_1RB1

1	2	3	4	5	6	7	Ant		Filter		EIRPCF	Readin g	Limit	Margin	Pol
							Factor	Amp\Cb	1	dB					
MHz	Level	Detector	Factor	dB/m	dB	dB	dB	dB	dB	dBuV	dBm	dB			
4995.00	-53.16	RMS	34.40	-22.64	0.74	-95.23	29.57	-25.00	-28.16	Vertical					
7500.00	-51.68	RMS	35.50	-20.09	0.33	-95.23	27.81	-25.00	-26.68	Vertical					
9990.00	-50.09	RMS	36.86	-18.03	0.28	-95.23	26.03	-25.00	-25.09	Vertical					
12495.00	-44.86	RMS	39.19	-14.93	0.33	-95.23	25.78	-25.00	-19.86	Vertical					
14970.00	-42.55	RMS	40.04	-12.98	0.59	-95.23	25.03	-25.00	-17.55	Vertical					
19980.00	-71.42	RMS	37.74	-44.94	-9.54	-95.23	40.55	-25.00	-46.42	Vertical					
22488.00	-64.65	RMS	38.18	-42.97	-9.54	-95.23	44.91	-25.00	-39.65	Vertical					

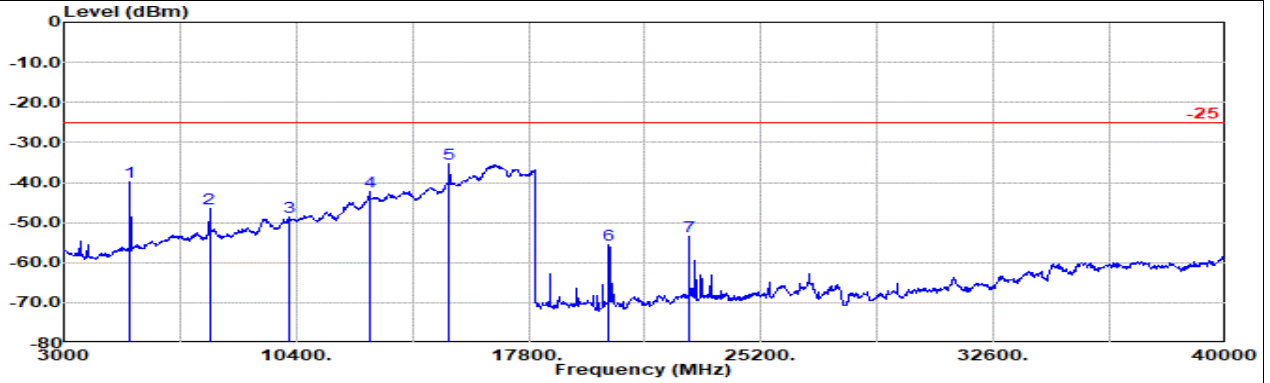


ANT2+1

Part 27M Mode 10

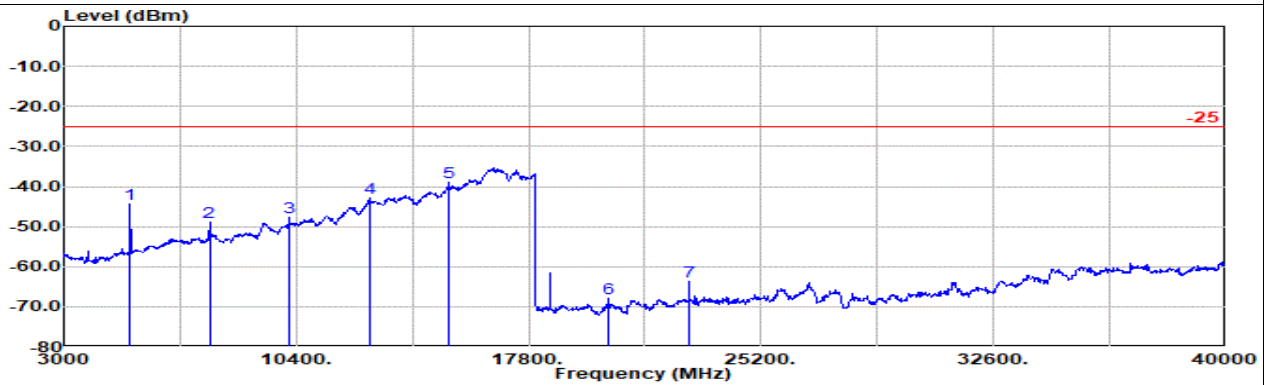
NR SA n41 100M Ch518598 1RB1 BPSK

M



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Horizontal
 Mode : NR_SA n41_100M_CH518598_BPSK_1RB1

1	2	3	4	5	6	7	Ant		Filter		Readin	Limit	Margin	Pol
							Factor	Amp\Cb	1	EIRPCF				
Freq	Level	Detector												
MHz	dBm													
5100.00	-39.99	RMS	34.00	-22.44	0.52	-95.23	43.16	-25.00	-14.99	Horizontal				
7635.00	-46.45	RMS	35.90	-20.11	0.35	-95.23	32.64	-25.00	-21.45	Horizontal				
10185.00	-48.59	RMS	37.27	-17.63	0.27	-95.23	26.73	-25.00	-23.59	Horizontal				
12735.00	-42.12	RMS	39.20	-14.33	0.37	-95.23	27.87	-25.00	-17.12	Horizontal				
15270.00	-35.21	RMS	39.96	-13.00	0.61	-95.23	32.45	-25.00	-10.21	Horizontal				
20354.00	-55.51	RMS	37.62	-44.79	-9.54	-95.23	56.43	-25.00	-30.51	Horizontal				
22906.00	-53.32	RMS	38.42	-42.69	-9.54	-95.23	55.72	-25.00	-28.32	Horizontal				



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Vertical
 Mode : NR_SA n41_100M_CH518598_BPSK_1RB1

1	2	3	4	5	6	7	Ant		Filter		Readin	Limit	Margin	Pol
							Factor	Amp\Cb	1	EIRPCF				
Freq	Level	Detector												
MHz	dBm													
5100.00	-44.23	RMS	34.00	-22.44	0.52	-95.23	38.92	-25.00	-19.23	Vertical				
7635.00	-48.85	RMS	35.90	-20.11	0.35	-95.23	30.24	-25.00	-23.85	Vertical				
10185.00	-47.81	RMS	37.27	-17.63	0.27	-95.23	27.51	-25.00	-22.81	Vertical				
12735.00	-43.00	RMS	39.20	-14.33	0.37	-95.23	26.99	-25.00	-18.00	Vertical				
15270.00	-38.90	RMS	39.96	-13.00	0.61	-95.23	28.76	-25.00	-13.90	Vertical				
20354.00	-67.91	RMS	37.62	-44.79	-9.54	-95.23	44.03	-25.00	-42.91	Vertical				
22906.00	-63.65	RMS	38.42	-42.69	-9.54	-95.23	45.39	-25.00	-38.65	Vertical				

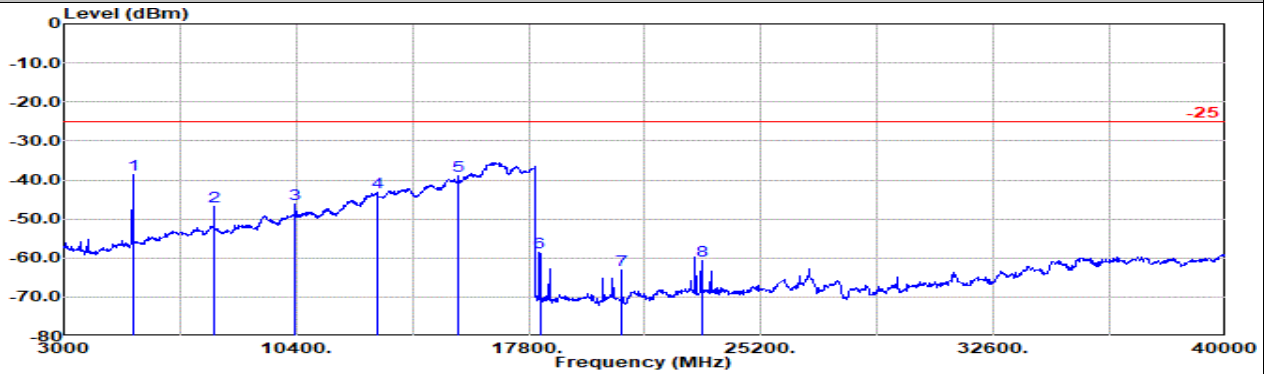


ANT2+1

Part 27M Mode 10

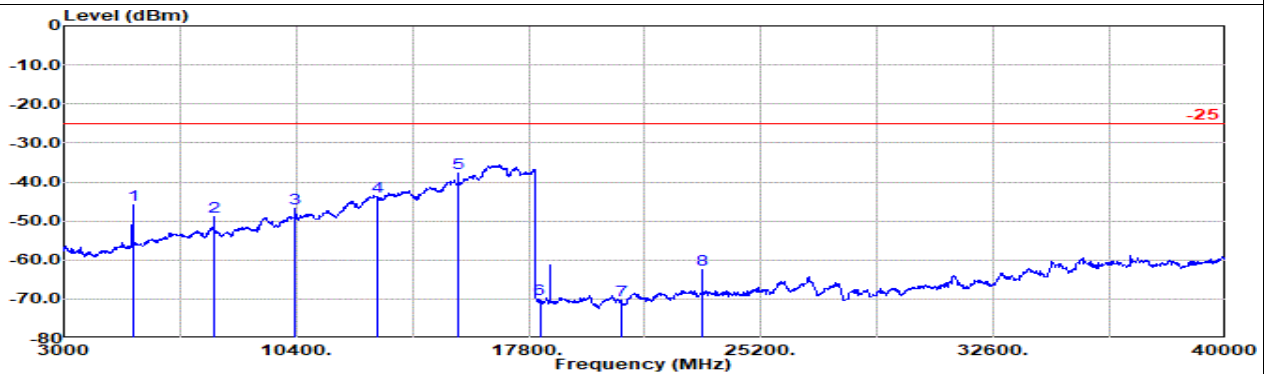
NR SA n41 100M Ch528000 1RB1 BPSK

H



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Horizontal
 Mode : NR_SA n41_100M_CH528000_BPSK_1RB1

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	5190.00	-38.76	RMS	34.46	-22.27	0.33	-95.23	43.95	-25.00	-13.76	Horizontal
2	7785.00	-46.93	RMS	35.93	-20.05	0.34	-95.23	32.08	-25.00	-21.93	Horizontal
3	10365.00	-46.17	RMS	37.47	-17.25	0.27	-95.23	28.57	-25.00	-21.17	Horizontal
4	12960.00	-43.08	RMS	39.46	-13.77	0.39	-95.23	26.07	-25.00	-18.08	Horizontal
5	15555.00	-38.88	RMS	40.22	-13.02	0.63	-95.23	28.52	-25.00	-13.88	Horizontal
6	18154.00	-58.68	RMS	37.60	-45.65	-9.54	-95.23	54.14	-25.00	-33.68	Horizontal
7	20750.00	-63.22	RMS	37.70	-44.64	-9.54	-95.23	48.49	-25.00	-38.22	Horizontal
8	23324.00	-60.70	RMS	38.55	-42.04	-9.54	-95.23	47.56	-25.00	-35.70	Horizontal



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Vertical
 Mode : NR_SA n41_100M_CH528000_BPSK_1RB1

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	5190.00	-45.86	RMS	34.46	-22.27	0.33	-95.23	36.85	-25.00	-20.86	Vertical
2	7785.00	-48.86	RMS	35.93	-20.05	0.34	-95.23	30.15	-25.00	-23.86	Vertical
3	10365.00	-46.81	RMS	37.47	-17.25	0.27	-95.23	27.93	-25.00	-21.81	Vertical
4	12960.00	-43.86	RMS	39.46	-13.77	0.39	-95.23	25.29	-25.00	-18.86	Vertical
5	15555.00	-37.63	RMS	40.22	-13.02	0.63	-95.23	29.77	-25.00	-12.63	Vertical
6	18154.00	-70.02	RMS	37.60	-45.65	-9.54	-95.23	42.80	-25.00	-45.02	Vertical
7	20750.00	-70.26	RMS	37.70	-44.64	-9.54	-95.23	41.45	-25.00	-45.26	Vertical
8	23324.00	-62.62	RMS	38.55	-42.04	-9.54	-95.23	45.64	-25.00	-37.62	Vertical

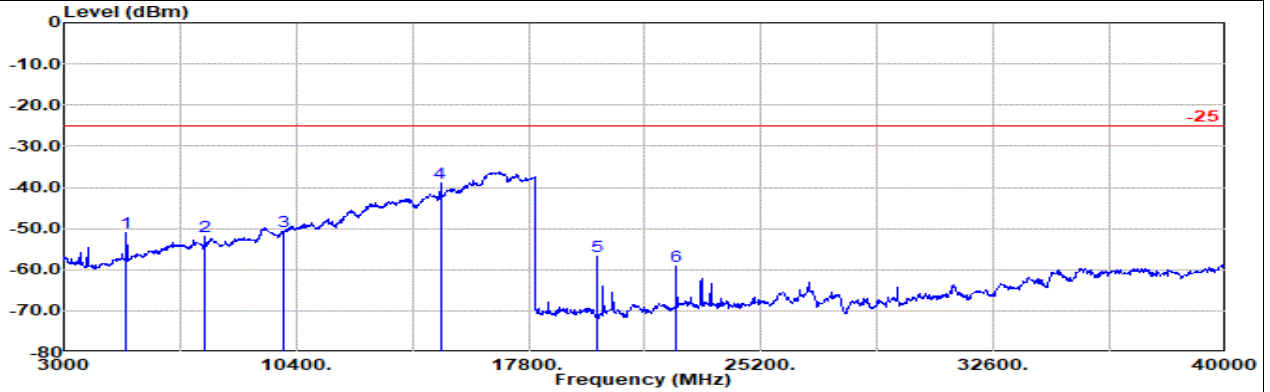


ANT3

Part 27M Mode 4

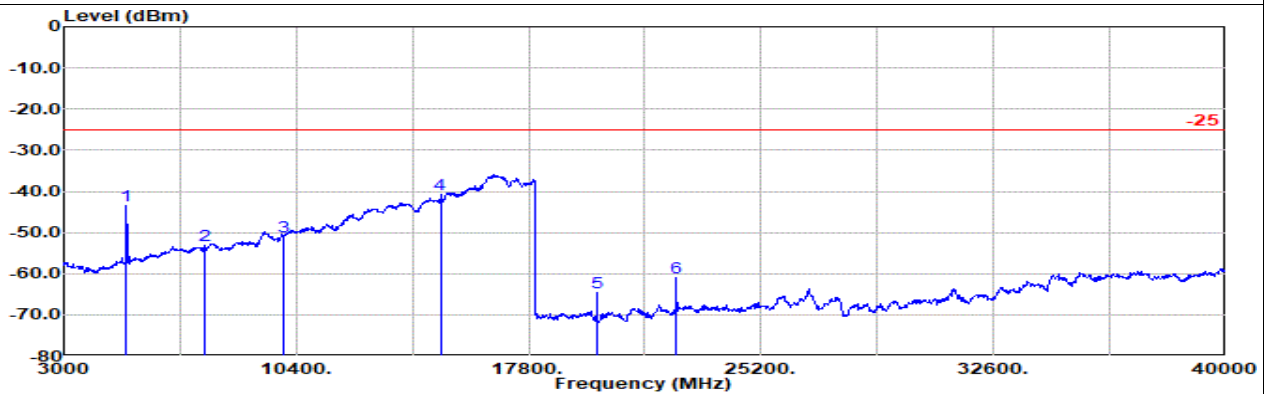
NR SA n41 100M Ch509202 1RB1 BPSK

L



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Horizontal
 Mode : NR_SA n41_100M_CH509202_BPSK_1RB1

Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Reading	Limit	Margin	Pol	
			Factor	dB							dB
1	4995.00	-51.15	RMS	34.40	-22.64	0.74	-95.23	31.58	-25.00	-26.15	Horizontal
2	7500.00	-52.04	RMS	35.50	-20.09	0.33	-95.23	27.45	-25.00	-27.04	Horizontal
3	9990.00	-50.64	RMS	36.86	-18.03	0.28	-95.23	25.48	-25.00	-25.64	Horizontal
4	14985.00	-38.97	RMS	40.07	-12.99	0.59	-95.23	28.59	-25.00	-13.97	Horizontal
5	19980.00	-56.79	RMS	37.74	-44.94	-9.54	-95.23	55.18	-25.00	-31.79	Horizontal
6	22488.00	-59.03	RMS	38.18	-42.97	-9.54	-95.23	50.53	-25.00	-34.03	Horizontal



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Vertical
 Mode : NR_SA n41_100M_CH509202_BPSK_1RB1

Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Reading	Limit	Margin	Pol	
			Factor	dB							dB
1	4995.00	-43.39	RMS	34.40	-22.64	0.74	-95.23	39.34	-25.00	-18.39	Vertical
2	7500.00	-52.99	RMS	35.50	-20.09	0.33	-95.23	26.50	-25.00	-27.99	Vertical
3	9990.00	-50.97	RMS	36.86	-18.03	0.28	-95.23	25.15	-25.00	-25.97	Vertical
4	14985.00	-40.86	RMS	40.07	-12.99	0.59	-95.23	26.70	-25.00	-15.86	Vertical
5	19980.00	-64.64	RMS	37.74	-44.94	-9.54	-95.23	47.33	-25.00	-39.64	Vertical
6	22488.00	-60.91	RMS	38.18	-42.97	-9.54	-95.23	48.65	-25.00	-35.91	Vertical

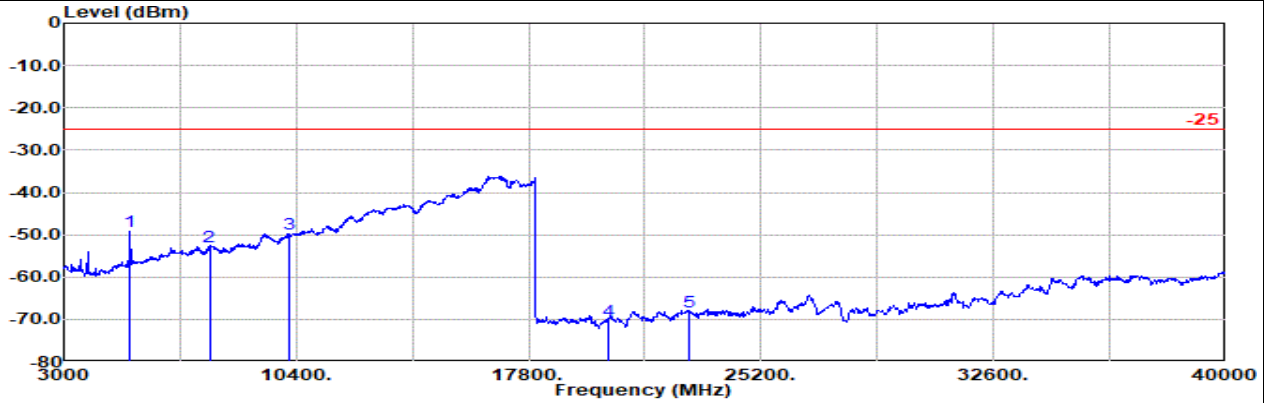


ANT3

Part 27M Mode 4

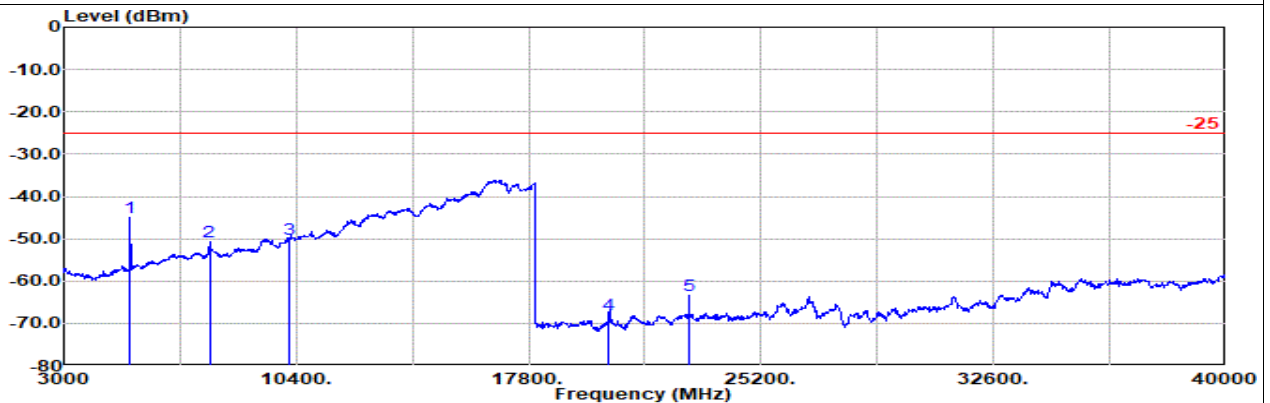
NR SA n41 100M Ch518598 1RB1 BPSK

M



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Horizontal
 Mode : NR_SA n41_100M_CH518598_BPSK_1RB1

Freq	Level	Detector	Ant Amp\Cb		Filter		EIRPCF	Readin	Limit	Margin	Pol
			Factor	1	dB	dB					
1	5100.00	-49.23	RMS	34.00	-22.44	0.52	-95.23	33.92	-25.00	-24.23	Horizontal
2	7635.00	-52.70	RMS	35.90	-20.11	0.35	-95.23	26.39	-25.00	-27.70	Horizontal
3	10170.00	-49.90	RMS	37.24	-17.66	0.27	-95.23	25.48	-25.00	-24.90	Horizontal
4	20354.00	-70.20	RMS	37.62	-44.79	-9.54	-95.23	41.74	-25.00	-45.20	Horizontal
5	22906.00	-68.26	RMS	38.42	-42.69	-9.54	-95.23	40.78	-25.00	-43.26	Horizontal



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Vertical
 Mode : NR_SA n41_100M_CH518598_BPSK_1RB1

Freq	Level	Detector	Ant Amp\Cb		Filter		EIRPCF	Readin	Limit	Margin	Pol
			Factor	1	dB	dB					
1	5100.00	-45.02	RMS	34.00	-22.44	0.52	-95.23	38.13	-25.00	-20.02	Vertical
2	7635.00	-50.58	RMS	35.90	-20.11	0.35	-95.23	28.51	-25.00	-25.58	Vertical
3	10170.00	-50.03	RMS	37.24	-17.66	0.27	-95.23	25.35	-25.00	-25.03	Vertical
4	20354.00	-67.92	RMS	37.62	-44.79	-9.54	-95.23	44.02	-25.00	-42.92	Vertical
5	22906.00	-63.47	RMS	38.42	-42.69	-9.54	-95.23	45.57	-25.00	-38.47	Vertical

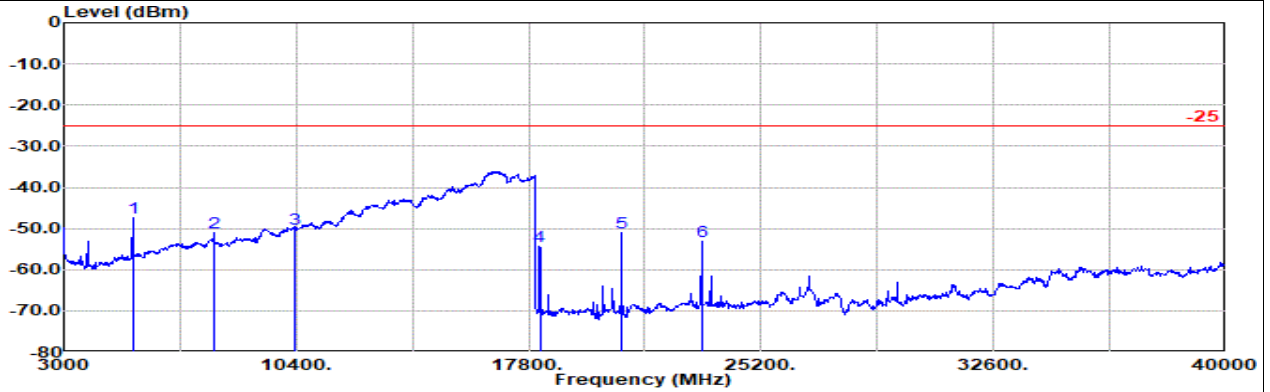


ANT3

Part 27M Mode 4

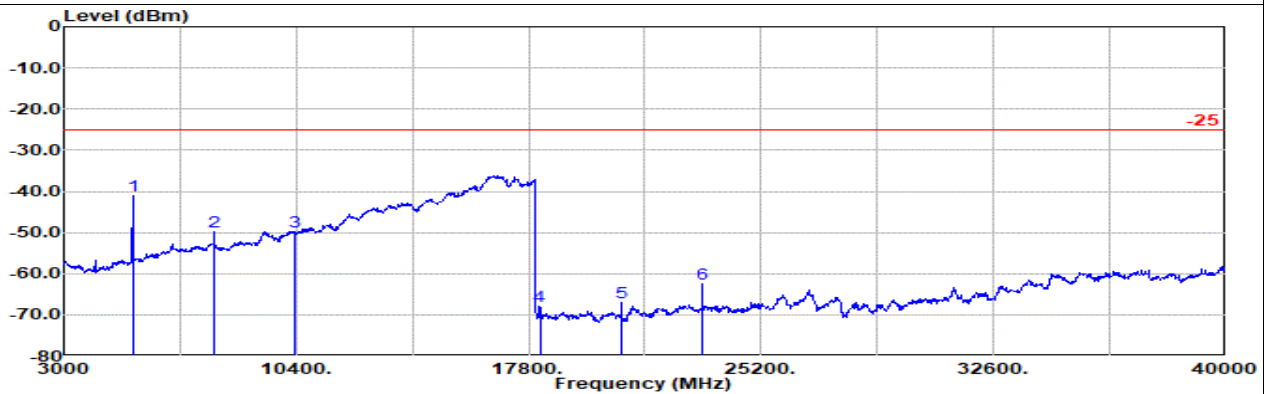
NR SA n41 100M Ch528000 1RB1 BPSK

H



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Horizontal
 Mode : NR_SA n41_100M_CH528000_BPSK_1RB1

1	2	3	4	5	6					
Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
5190.00	-47.44	RMS	34.46	-22.27	0.33	-95.23	35.27	-25.00	-22.44	Horizontal
7785.00	-51.06	RMS	35.93	-20.05	0.34	-95.23	27.95	-25.00	-26.06	Horizontal
10365.00	-50.22	RMS	37.47	-17.25	0.27	-95.23	24.52	-25.00	-25.22	Horizontal
18154.00	-54.40	RMS	37.60	-45.65	-9.54	-95.23	58.42	-25.00	-29.40	Horizontal
20750.00	-50.91	RMS	37.70	-44.64	-9.54	-95.23	60.80	-25.00	-25.91	Horizontal
23324.00	-53.15	RMS	38.55	-42.04	-9.54	-95.23	55.11	-25.00	-28.15	Horizontal



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Vertical
 Mode : NR_SA n41_100M_CH528000_BPSK_1RB1

1	2	3	4	5	6					
Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
5190.00	-41.14	RMS	34.46	-22.27	0.33	-95.23	41.57	-25.00	-16.14	Vertical
7785.00	-49.68	RMS	35.93	-20.05	0.34	-95.23	29.33	-25.00	-24.68	Vertical
10365.00	-49.87	RMS	37.47	-17.25	0.27	-95.23	24.87	-25.00	-24.87	Vertical
18154.00	-67.86	RMS	37.60	-45.65	-9.54	-95.23	44.96	-25.00	-42.86	Vertical
20750.00	-66.95	RMS	37.70	-44.64	-9.54	-95.23	44.76	-25.00	-41.95	Vertical
23324.00	-62.36	RMS	38.55	-42.04	-9.54	-95.23	45.90	-25.00	-37.36	Vertical

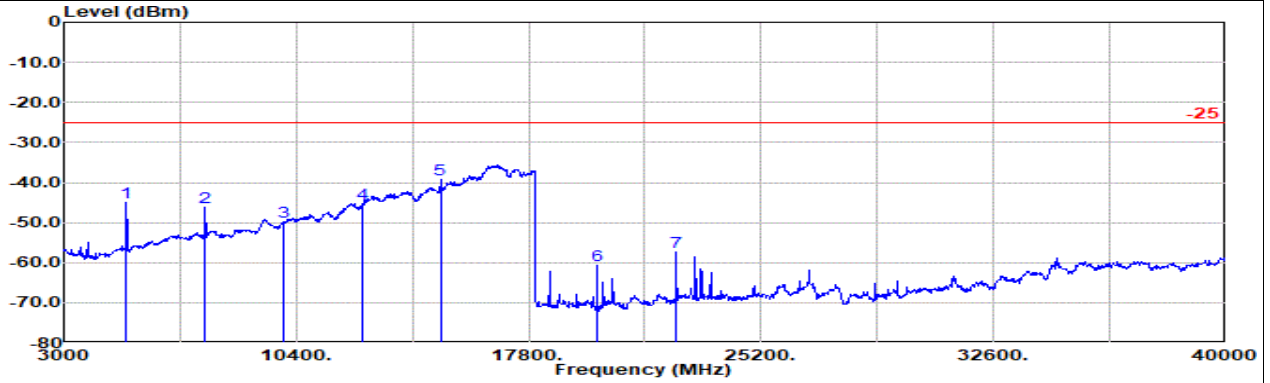


ANT3+1

Part 27M Mode 11

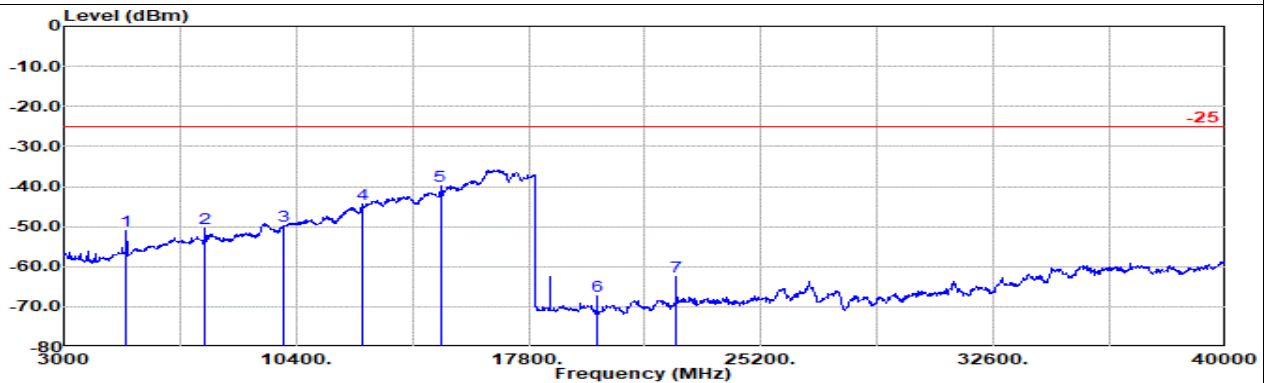
NR SA n41 100M Ch509202 1RB1 BPSK

L



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Horizontal
 Mode : NR_SA n41_100M_CH509202_BPSK_1RB1

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	4995.00	-44.91	RMS	34.40	-22.64	0.74	-95.23	37.82	-25.00	-19.91	Horizontal
2	7500.00	-46.13	RMS	35.50	-20.09	0.33	-95.23	33.36	-25.00	-21.13	Horizontal
3	9990.00	-49.95	RMS	36.86	-18.03	0.28	-95.23	26.17	-25.00	-24.95	Horizontal
4	12495.00	-45.24	RMS	39.19	-14.93	0.33	-95.23	25.40	-25.00	-20.24	Horizontal
5	14985.00	-39.28	RMS	40.07	-12.99	0.59	-95.23	28.28	-25.00	-14.28	Horizontal
6	19980.00	-60.72	RMS	37.74	-44.94	-9.54	-95.23	51.25	-25.00	-35.72	Horizontal
7	22488.00	-57.51	RMS	38.18	-42.97	-9.54	-95.23	52.05	-25.00	-32.51	Horizontal



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Vertical
 Mode : NR_SA n41_100M_CH509202_BPSK_1RB1

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	4995.00	-51.02	RMS	34.40	-22.64	0.74	-95.23	31.71	-25.00	-26.02	Vertical
2	7500.00	-50.38	RMS	35.50	-20.09	0.33	-95.23	29.11	-25.00	-25.38	Vertical
3	9990.00	-49.73	RMS	36.86	-18.03	0.28	-95.23	26.39	-25.00	-24.73	Vertical
4	12495.00	-44.36	RMS	39.19	-14.93	0.33	-95.23	26.28	-25.00	-19.36	Vertical
5	14985.00	-39.85	RMS	40.07	-12.99	0.59	-95.23	27.71	-25.00	-14.85	Vertical
6	19980.00	-67.45	RMS	37.74	-44.94	-9.54	-95.23	44.52	-25.00	-42.45	Vertical
7	22488.00	-62.62	RMS	38.18	-42.97	-9.54	-95.23	46.94	-25.00	-37.62	Vertical

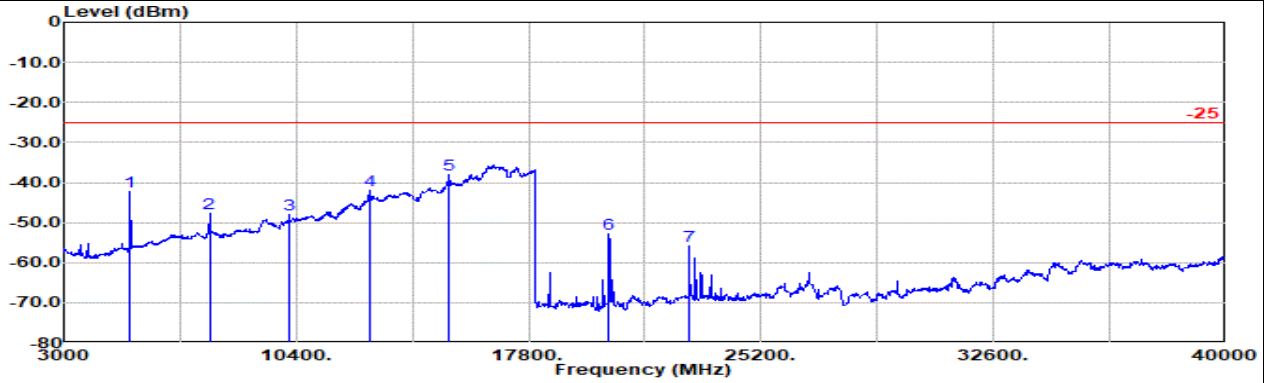


ANT3+1

Part 27M Mode 11

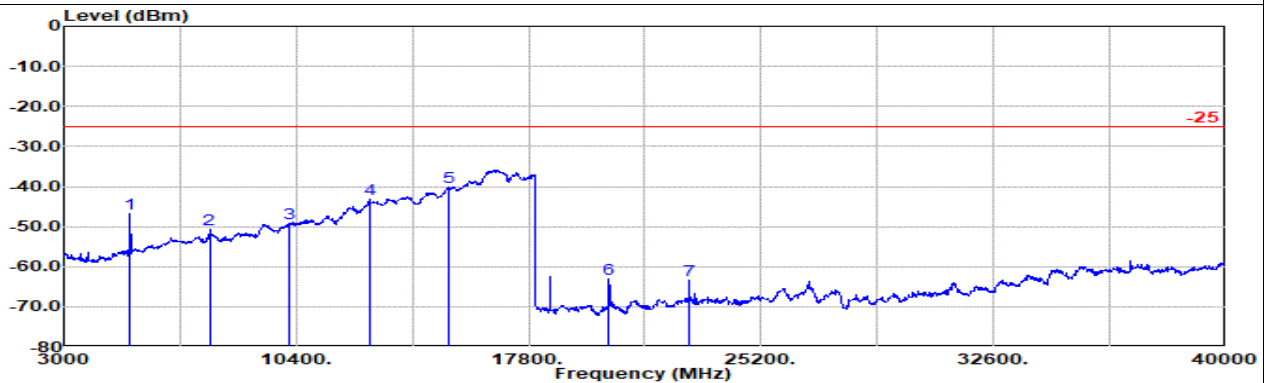
NR SA n41 100M Ch518598 1RB1 BPSK

M



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Horizontal
 Mode : NR_SA n41_100M_CH518598_BPSK_1RB1

Freq	Level	Detector	Ant		Amp\Cb		Filter		EIRPCF	Readin	Limit	Margin	Pol
			Factor	dB/m	dB	dB	dB	dB					
1	5100.00	-42.32	RMS	34.00	-22.44	0.52	-95.23	40.83	-25.00	-17.32	Horizontal		
2	7635.00	-47.79	RMS	35.90	-20.11	0.35	-95.23	31.30	-25.00	-22.79	Horizontal		
3	10185.00	-47.97	RMS	37.27	-17.63	0.27	-95.23	27.35	-25.00	-22.97	Horizontal		
4	12735.00	-41.93	RMS	39.20	-14.33	0.37	-95.23	28.06	-25.00	-16.93	Horizontal		
5	15270.00	-38.13	RMS	39.96	-13.00	0.61	-95.23	29.53	-25.00	-13.13	Horizontal		
6	20354.00	-52.72	RMS	37.62	-44.79	-9.54	-95.23	59.22	-25.00	-27.72	Horizontal		
7	22906.00	-55.71	RMS	38.42	-42.69	-9.54	-95.23	53.33	-25.00	-30.71	Horizontal		



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Vertical
 Mode : NR_SA n41_100M_CH518598_BPSK_1RB1

Freq	Level	Detector	Ant		Amp\Cb		Filter		EIRPCF	Readin	Limit	Margin	Pol
			Factor	dB/m	dB	dB	dB	dB					
1	5100.00	-46.78	RMS	34.00	-22.44	0.52	-95.23	36.37	-25.00	-21.78	Vertical		
2	7635.00	-50.66	RMS	35.90	-20.11	0.35	-95.23	28.43	-25.00	-25.66	Vertical		
3	10185.00	-49.27	RMS	37.27	-17.63	0.27	-95.23	26.05	-25.00	-24.27	Vertical		
4	12735.00	-43.22	RMS	39.20	-14.33	0.37	-95.23	26.77	-25.00	-18.22	Vertical		
5	15270.00	-40.06	RMS	39.96	-13.00	0.61	-95.23	27.60	-25.00	-15.06	Vertical		
6	20354.00	-63.05	RMS	37.62	-44.79	-9.54	-95.23	48.89	-25.00	-38.05	Vertical		
7	22906.00	-63.45	RMS	38.42	-42.69	-9.54	-95.23	45.59	-25.00	-38.45	Vertical		

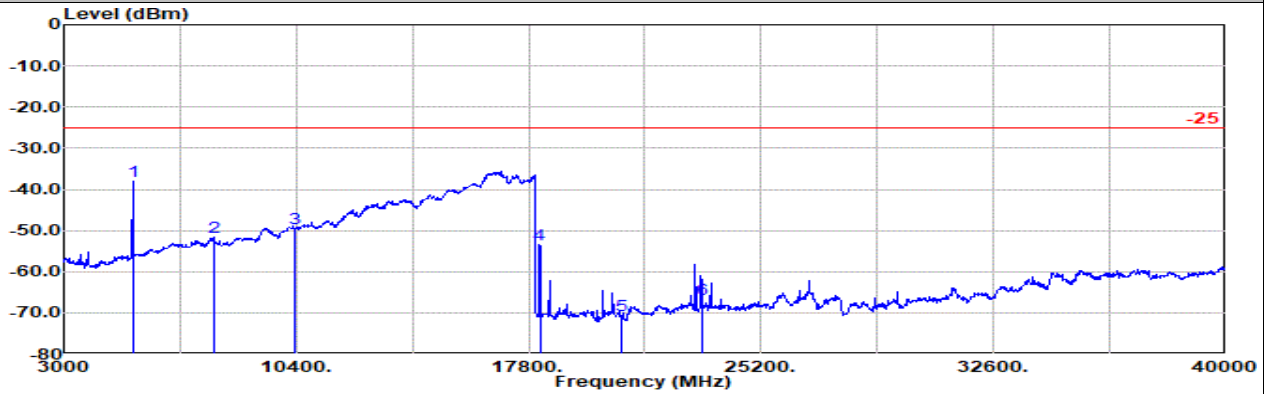


ANT3+1

Part 27M Mode 11

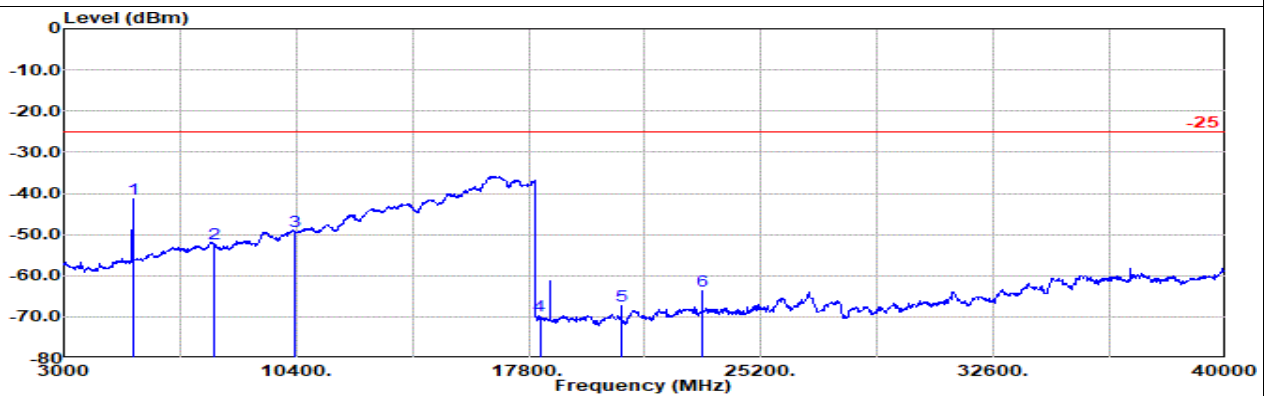
NR SA n41 100M Ch528000 1RB1 BPSK

H



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Horizontal
 Mode : NR_SA n41_100M_CH528000_BPSK_1RB1

Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Reading	Limit	Margin	Pol
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1 5190.00	-37.99	RMS	34.46	-22.27	0.33	-95.23	44.72	-25.00	-12.99	Horizontal
2 7785.00	-51.72	RMS	35.93	-20.05	0.34	-95.23	27.29	-25.00	-26.72	Horizontal
3 10380.00	-49.37	RMS	37.44	-17.22	0.27	-95.23	25.37	-25.00	-24.37	Horizontal
4 18154.00	-53.37	RMS	37.60	-45.65	-9.54	-95.23	59.45	-25.00	-28.37	Horizontal
5 20750.00	-70.67	RMS	37.70	-44.64	-9.54	-95.23	41.04	-25.00	-45.67	Horizontal
6 23324.00	-66.74	RMS	38.55	-42.04	-9.54	-95.23	41.52	-25.00	-41.74	Horizontal



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Vertical
 Mode : NR_SA n41_100M_CH528000_BPSK_1RB1

Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Reading	Limit	Margin	Pol
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1 5190.00	-41.45	RMS	34.46	-22.27	0.33	-95.23	41.26	-25.00	-16.45	Vertical
2 7785.00	-52.33	RMS	35.93	-20.05	0.34	-95.23	26.68	-25.00	-27.33	Vertical
3 10380.00	-49.22	RMS	37.44	-17.22	0.27	-95.23	25.52	-25.00	-24.22	Vertical
4 18154.00	-69.62	RMS	37.60	-45.65	-9.54	-95.23	43.20	-25.00	-44.62	Vertical
5 20750.00	-67.46	RMS	37.70	-44.64	-9.54	-95.23	44.25	-25.00	-42.46	Vertical
6 23324.00	-63.74	RMS	38.55	-42.04	-9.54	-95.23	44.52	-25.00	-38.74	Vertical

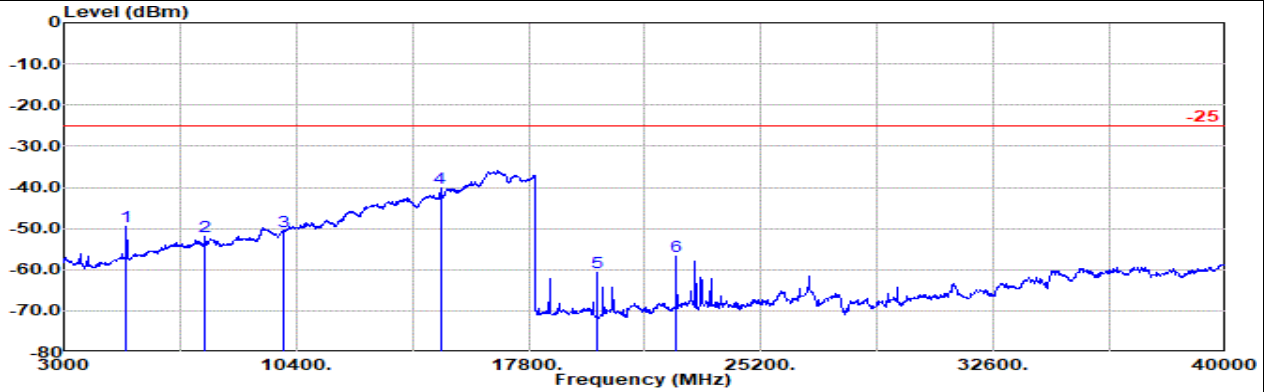


ANT1

Part 27M Mode 5

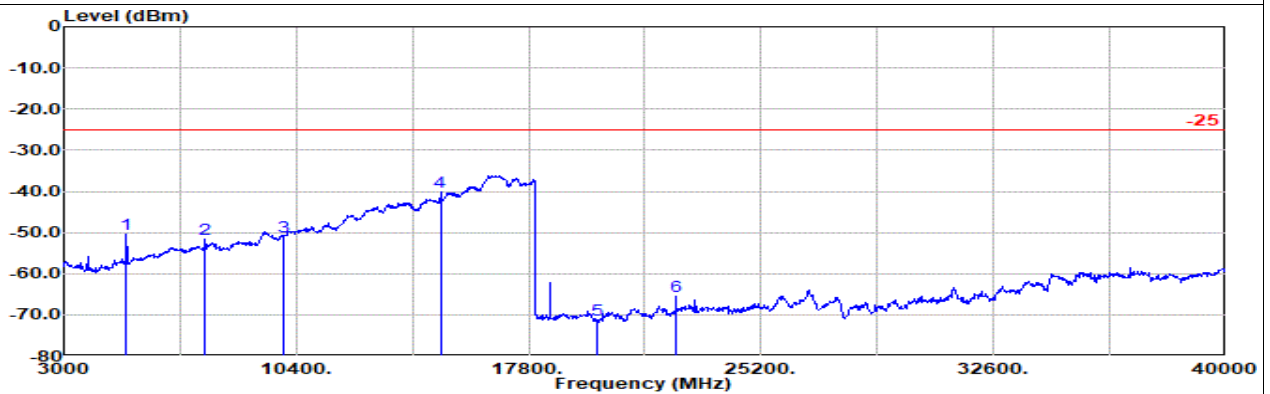
NR SA n41 100M Ch509202 1RB1 BPSK

L



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Horizontal
 Mode : NR_SA n41_100M_CH509202_BPSK_1RB1

Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB
1 4995.00	-49.50	RMS	34.40	-22.64	0.74	-95.23	33.23	-25.00	-24.50	Horizontal
2 7500.00	-51.90	RMS	35.50	-20.09	0.33	-95.23	27.59	-25.00	-26.90	Horizontal
3 9990.00	-50.74	RMS	36.86	-18.03	0.28	-95.23	25.38	-25.00	-25.74	Horizontal
4 14985.00	-40.26	RMS	40.07	-12.99	0.59	-95.23	27.30	-25.00	-15.26	Horizontal
5 19980.00	-60.69	RMS	37.74	-44.94	-9.54	-95.23	51.28	-25.00	-35.69	Horizontal
6 22488.00	-56.68	RMS	38.18	-42.97	-9.54	-95.23	52.88	-25.00	-31.68	Horizontal



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Vertical
 Mode : NR_SA n41_100M_CH509202_BPSK_1RB1

Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB
1 4995.00	-50.44	RMS	34.40	-22.64	0.74	-95.23	32.29	-25.00	-25.44	Vertical
2 7500.00	-51.73	RMS	35.50	-20.09	0.33	-95.23	27.76	-25.00	-26.73	Vertical
3 9990.00	-50.91	RMS	36.86	-18.03	0.28	-95.23	25.21	-25.00	-25.91	Vertical
4 14985.00	-40.27	RMS	40.07	-12.99	0.59	-95.23	27.29	-25.00	-15.27	Vertical
5 19980.00	-71.26	RMS	37.74	-44.94	-9.54	-95.23	40.71	-25.00	-46.26	Vertical
6 22488.00	-65.38	RMS	38.18	-42.97	-9.54	-95.23	44.18	-25.00	-40.38	Vertical

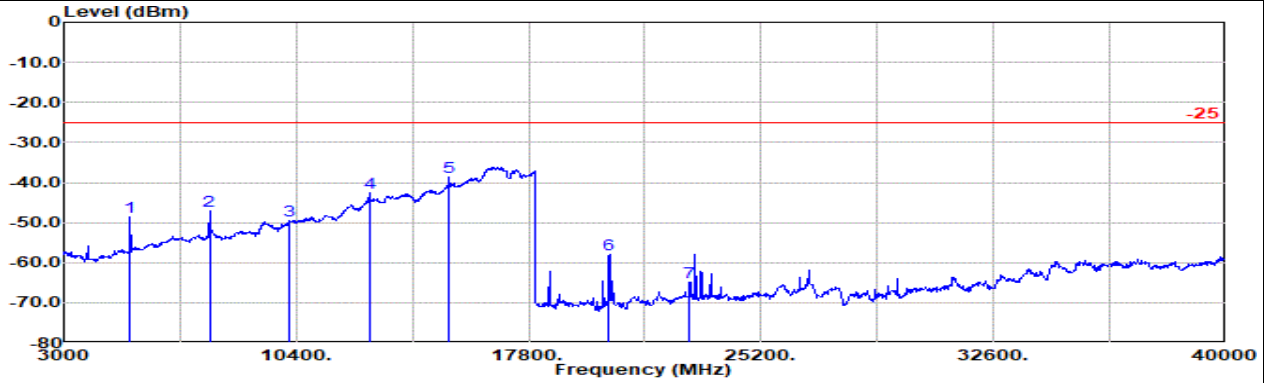


ANT1

Part 27M Mode 5

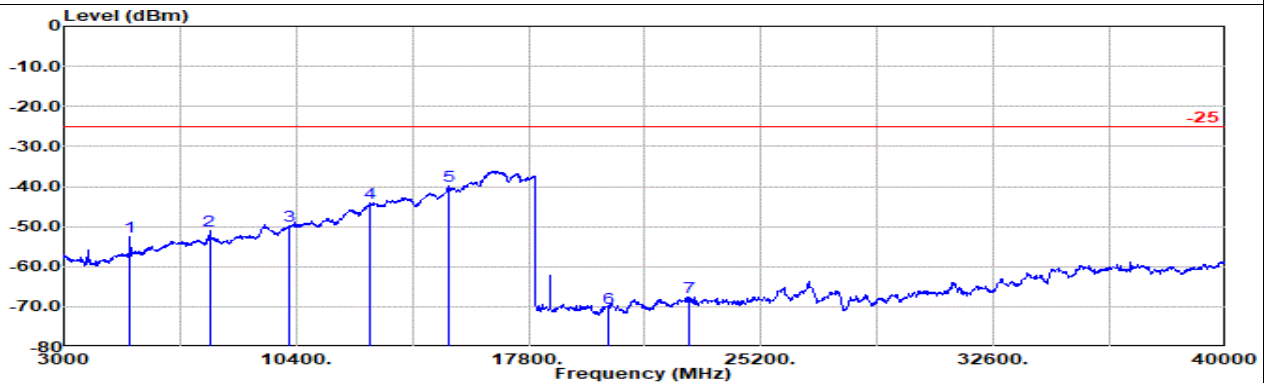
NR SA n41 100M Ch518598 1RB1 BPSK

M



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Horizontal
 Mode : NR_SA n41_100M_CH518598_BPSK_1RB1

No	Freq MHz	Level dBm	Detector	Ant		Filter	EIRPCF	Readin g	Limit	Margin	Pol
				Factor	Amp\Cb dB						
1	5100.00	-48.51	RMS	34.00	-22.44	0.52	-95.23	34.64	-25.00	-23.51	Horizontal
2	7635.00	-47.18	RMS	35.90	-20.11	0.35	-95.23	31.91	-25.00	-22.18	Horizontal
3	10185.00	-49.45	RMS	37.27	-17.63	0.27	-95.23	25.87	-25.00	-24.45	Horizontal
4	12735.00	-42.59	RMS	39.20	-14.33	0.37	-95.23	27.40	-25.00	-17.59	Horizontal
5	15270.00	-38.74	RMS	39.96	-13.00	0.61	-95.23	28.92	-25.00	-13.74	Horizontal
6	20354.00	-58.03	RMS	37.62	-44.79	-9.54	-95.23	53.91	-25.00	-33.03	Horizontal
7	22906.00	-64.90	RMS	38.42	-42.69	-9.54	-95.23	44.14	-25.00	-39.90	Horizontal



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Vertical
 Mode : NR_SA n41_100M_CH518598_BPSK_1RB1

No	Freq MHz	Level dBm	Detector	Ant		Filter	EIRPCF	Readin g	Limit	Margin	Pol
				Factor	Amp\Cb dB						
1	5100.00	-52.56	RMS	34.00	-22.44	0.52	-95.23	30.59	-25.00	-27.56	Vertical
2	7635.00	-51.12	RMS	35.90	-20.11	0.35	-95.23	27.97	-25.00	-26.12	Vertical
3	10185.00	-49.76	RMS	37.27	-17.63	0.27	-95.23	25.56	-25.00	-24.76	Vertical
4	12735.00	-43.96	RMS	39.20	-14.33	0.37	-95.23	26.03	-25.00	-18.96	Vertical
5	15270.00	-39.98	RMS	39.96	-13.00	0.61	-95.23	27.68	-25.00	-14.98	Vertical
6	20354.00	-70.29	RMS	37.62	-44.79	-9.54	-95.23	41.65	-25.00	-45.29	Vertical
7	22906.00	-67.76	RMS	38.42	-42.69	-9.54	-95.23	41.28	-25.00	-42.76	Vertical

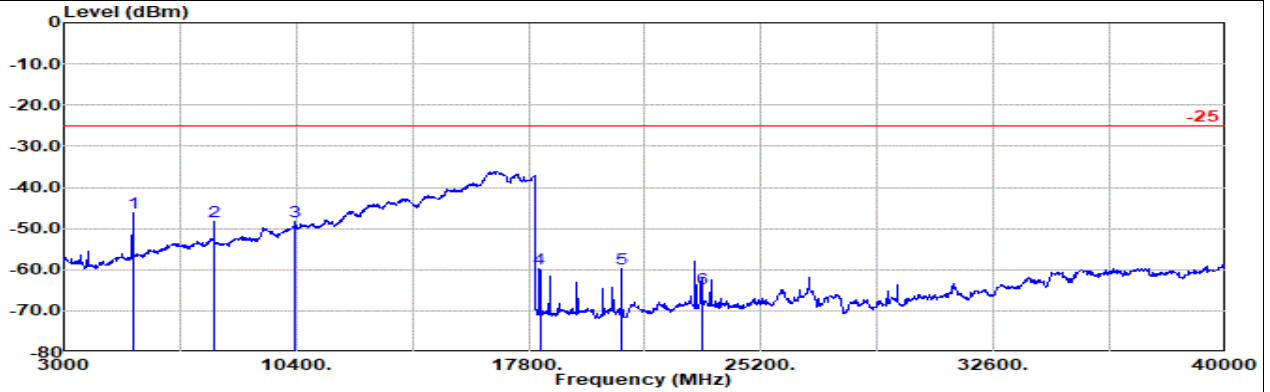


ANT1

Part 27M Mode 5

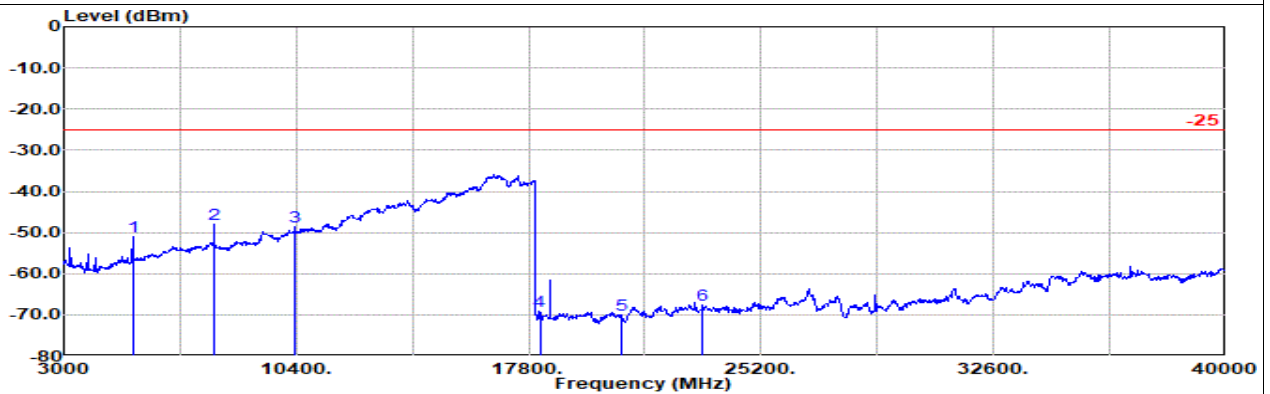
NR SA n41 100M Ch528000 1RB1 BPSK

H



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Horizontal
 Mode : NR_SA n41_100M_CH528000_BPSK_1RB1

Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Reading	Limit	Margin	Pol
			Factor	1						
1 5190.00	-46.04	RMS	34.46	-22.27	0.33	-95.23	36.67	-25.00	-21.04	Horizontal
2 7785.00	-48.19	RMS	35.93	-20.05	0.34	-95.23	30.82	-25.00	-23.19	Horizontal
3 10380.00	-48.37	RMS	37.44	-17.22	0.27	-95.23	26.37	-25.00	-23.37	Horizontal
4 18154.00	-59.76	RMS	37.60	-45.65	-9.54	-95.23	53.06	-25.00	-34.76	Horizontal
5 20750.00	-59.77	RMS	37.70	-44.64	-9.54	-95.23	51.94	-25.00	-34.77	Horizontal
6 23324.00	-64.72	RMS	38.55	-42.04	-9.54	-95.23	43.54	-25.00	-39.72	Horizontal



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Vertical
 Mode : NR_SA n41_100M_CH528000_BPSK_1RB1

Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Reading	Limit	Margin	Pol
			Factor	1						
1 5190.00	-51.04	RMS	34.46	-22.27	0.33	-95.23	31.67	-25.00	-26.04	Vertical
2 7785.00	-48.11	RMS	35.93	-20.05	0.34	-95.23	30.90	-25.00	-23.11	Vertical
3 10365.00	-48.61	RMS	37.47	-17.25	0.27	-95.23	26.13	-25.00	-23.61	Vertical
4 18154.00	-69.25	RMS	37.60	-45.65	-9.54	-95.23	43.57	-25.00	-44.25	Vertical
5 20750.00	-70.16	RMS	37.70	-44.64	-9.54	-95.23	41.55	-25.00	-45.16	Vertical
6 23324.00	-67.53	RMS	38.55	-42.04	-9.54	-95.23	40.73	-25.00	-42.53	Vertical

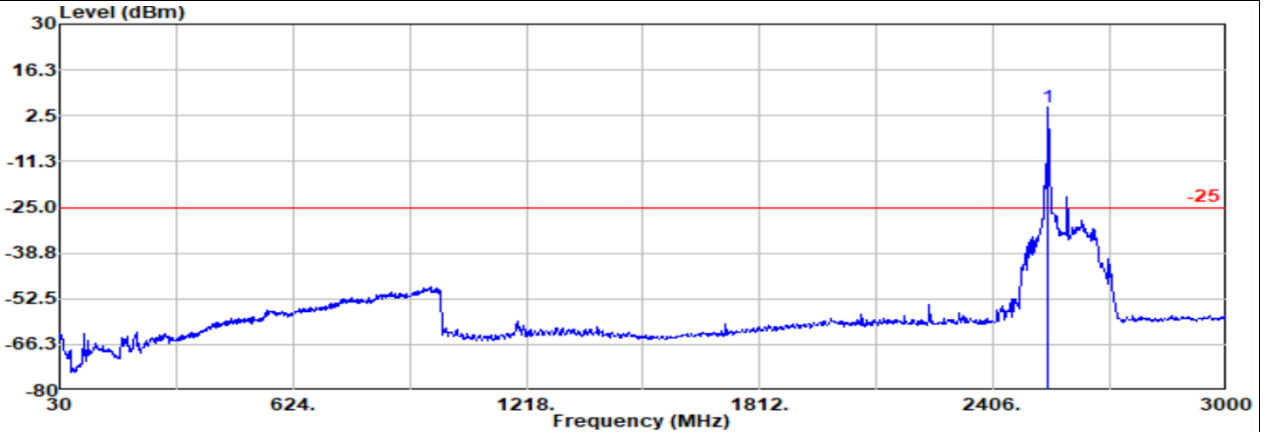


ANT2+1\Worst\Mode

Part 27M Mode 10

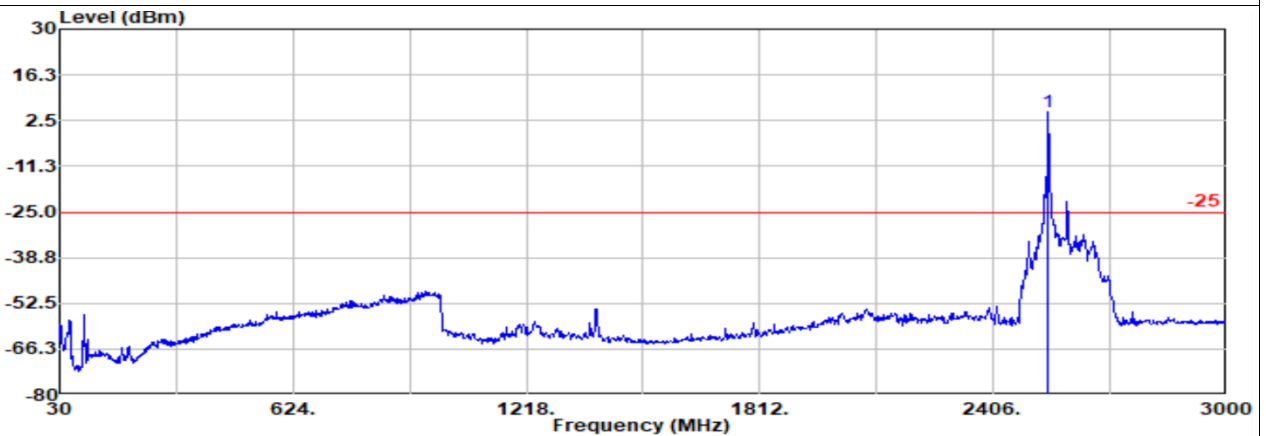
NR SA n41 100M Ch518598 1RB1 BPSK

M



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Horizontal
 Mode : NR_SA n41_100M_CH518598_BPSK_1RB1
 : #1 is fundamental signal which can be ignored.

1	MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit dBm	Margin dB	Pol	
				Factor	1						
1	2546.00	5.07	RMS	32.56	-25.55	0.00	-95.23	93.29	-----	-----	Horizontal



Site : 03CH07-HY
 Condition: -25 3m HF_ANT_00075962 Vertical
 Mode : NR_SA n41_100M_CH518598_BPSK_1RB1
 : #1 is fundamental signal which can be ignored.

1	MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit dBm	Margin dB	Pol	
				Factor	1						
1	2546.00	5.16	RMS	32.56	-25.55	0.00	-95.23	93.38	-----	-----	Vertical

Remark: #1 is fundamental signal which can be ignored.



B2.1. Summary of each worse mode

Table with 16 columns: Mode, Part, Band, Ch, Freq (MHz), Level (dBm), Det, Ant Factor (dB), Amp\Cbl (dB), Filter (dB), EIRPCF (dB), Reading (dBuV), Limit (dBm), Margin (dB), Pol, Ant. Rows 18-47.

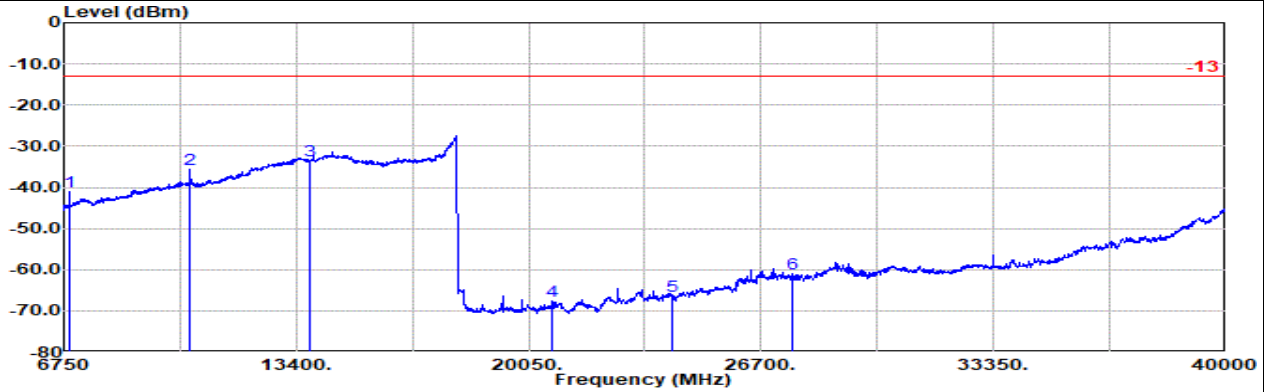


ANT 5

Part 27Q Mode 18

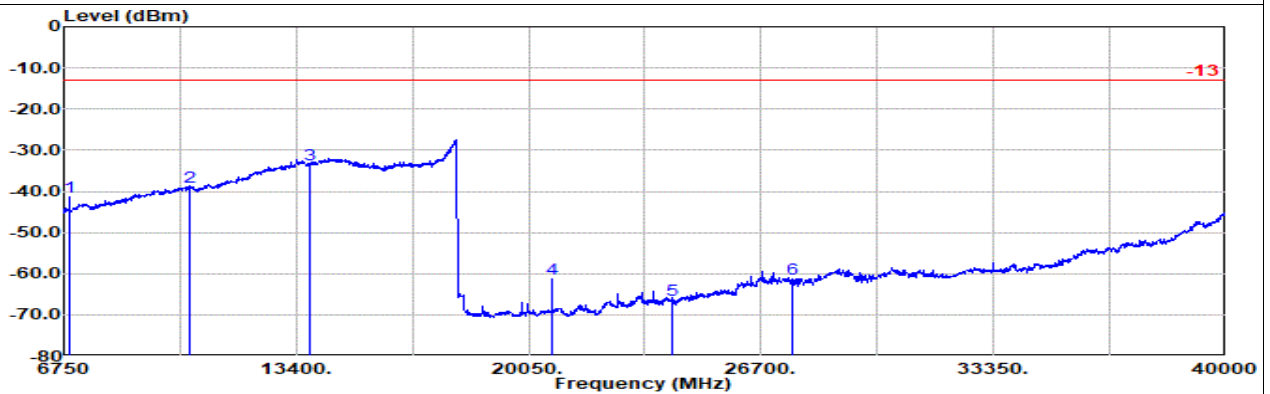
NR SA n77 90M Ch633000 1RB1 BPSK

L



Site : 03CH12-HY
 Condition: -13 3m 9120D-02114-230731 Horizontal
 : NR Band 77 90M Ch633000 1RB1 BPSK

Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Reading	Limit	Margin	Pol
			Factor	1						
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1 6903.00	-41.12	RMS	36.00	-21.31	0.90	-95.23	38.52	-13.00	-28.12	Horizontal
2 10355.00	-35.62	RMS	39.09	-18.31	0.25	-95.23	38.58	-13.00	-22.62	Horizontal
3 13807.00	-33.49	RMS	40.40	-13.14	0.45	-95.23	34.03	-13.00	-20.49	Horizontal
4 20710.00	-67.68	RMS	37.98	-30.14	-9.54	-95.23	29.25	-13.00	-54.68	Horizontal
5 24162.00	-66.34	RMS	38.68	-27.76	-9.54	-95.23	27.51	-13.00	-53.34	Horizontal
6 27614.00	-61.00	RMS	39.74	-24.91	-9.54	-95.23	28.94	-13.00	-48.00	Horizontal



Site : 03CH12-HY
 Condition: -13 3m 9120D-02114-230731 Vertical
 : NR Band 77 90M Ch633000 1RB1 BPSK

Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Reading	Limit	Margin	Pol
			Factor	1						
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1 6903.00	-41.45	RMS	36.00	-21.31	0.90	-95.23	38.19	-13.00	-28.45	Vertical
2 10355.00	-39.08	RMS	39.09	-18.31	0.25	-95.23	35.12	-13.00	-26.08	Vertical
3 13807.00	-33.62	RMS	40.40	-13.14	0.45	-95.23	33.90	-13.00	-20.62	Vertical
4 20710.00	-61.37	RMS	37.98	-30.14	-9.54	-95.23	35.56	-13.00	-48.37	Vertical
5 24162.00	-66.48	RMS	38.68	-27.76	-9.54	-95.23	27.37	-13.00	-53.48	Vertical
6 27614.00	-61.17	RMS	39.74	-24.91	-9.54	-95.23	28.77	-13.00	-48.17	Vertical

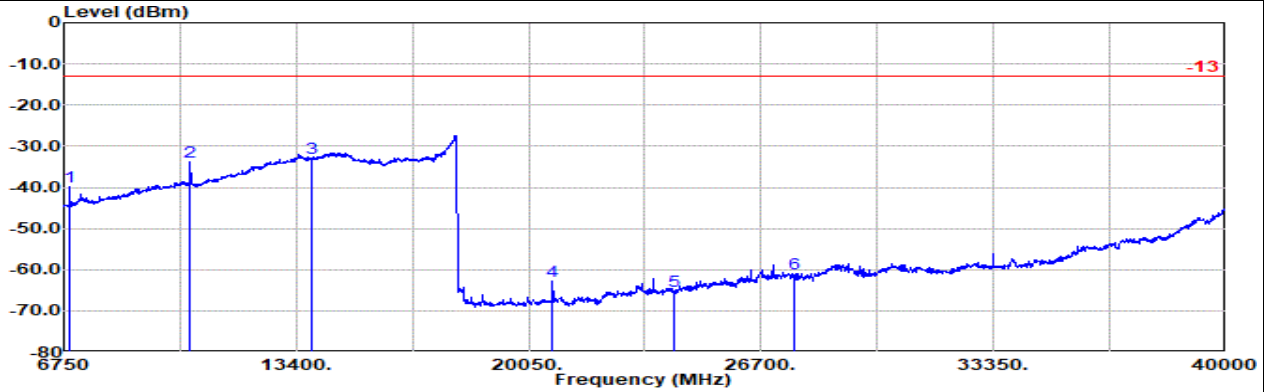


ANT 5

Part 27Q Mode 18

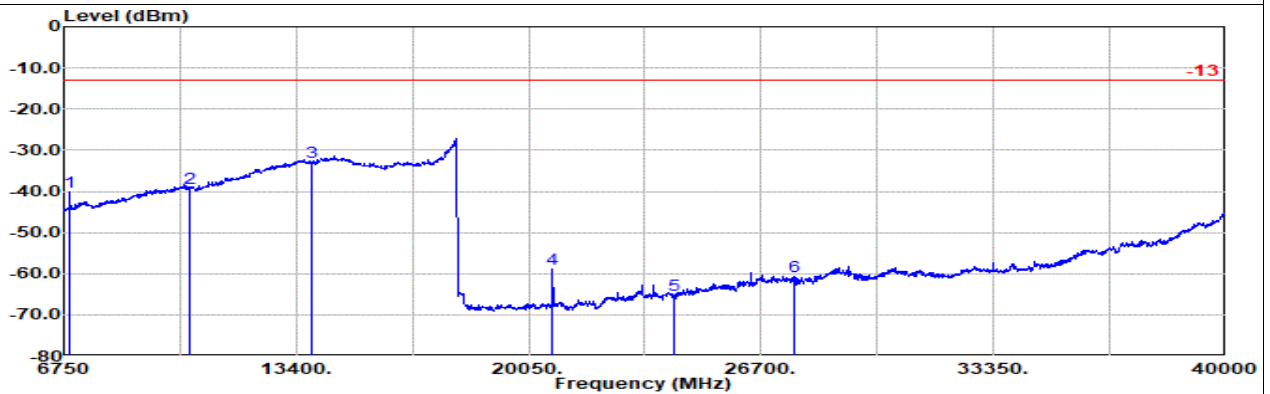
NR SA n77 90M Ch633334 1RB1 BPSK

M



Site : 03CH12-HY
 Condition: -13 3m 9120D-02114-230731 Horizontal
 : NR Band 77 90M Ch633334 1RB1 BPSK

1	2	3	4	5	6					
Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
MHz	dBm			dB	dB	dB	dBuV	dBm	dB	
6913.00	-39.91	RMS	36.00	-21.31	0.90	-95.23	39.73	-13.00	-26.91	Horizontal
10370.00	-33.91	RMS	39.06	-18.31	0.25	-95.23	40.32	-13.00	-20.91	Horizontal
13827.00	-32.94	RMS	40.40	-13.17	0.45	-95.23	34.61	-13.00	-19.94	Horizontal
20740.00	-62.90	RMS	37.92	-30.16	-9.54	-95.23	34.11	-13.00	-49.90	Horizontal
24197.00	-65.18	RMS	38.61	-27.71	-9.54	-95.23	28.69	-13.00	-52.18	Horizontal
27654.00	-61.08	RMS	39.61	-24.97	-9.54	-95.23	29.05	-13.00	-48.08	Horizontal



Site : 03CH12-HY
 Condition: -13 3m 9120D-02114-230731 Vertical
 : NR Band 77 90M Ch633334 1RB1 BPSK

1	2	3	4	5	6					
Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
MHz	dBm			dB	dB	dB	dBuV	dBm	dB	
6913.00	-40.03	RMS	36.00	-21.31	0.90	-95.23	39.61	-13.00	-27.03	Vertical
10370.00	-39.10	RMS	39.06	-18.31	0.25	-95.23	35.13	-13.00	-26.10	Vertical
13827.00	-33.04	RMS	40.40	-13.17	0.45	-95.23	34.51	-13.00	-20.04	Vertical
20740.00	-58.93	RMS	37.92	-30.16	-9.54	-95.23	38.08	-13.00	-45.93	Vertical
24197.00	-65.32	RMS	38.61	-27.71	-9.54	-95.23	28.55	-13.00	-52.32	Vertical
27654.00	-60.63	RMS	39.61	-24.97	-9.54	-95.23	29.50	-13.00	-47.63	Vertical

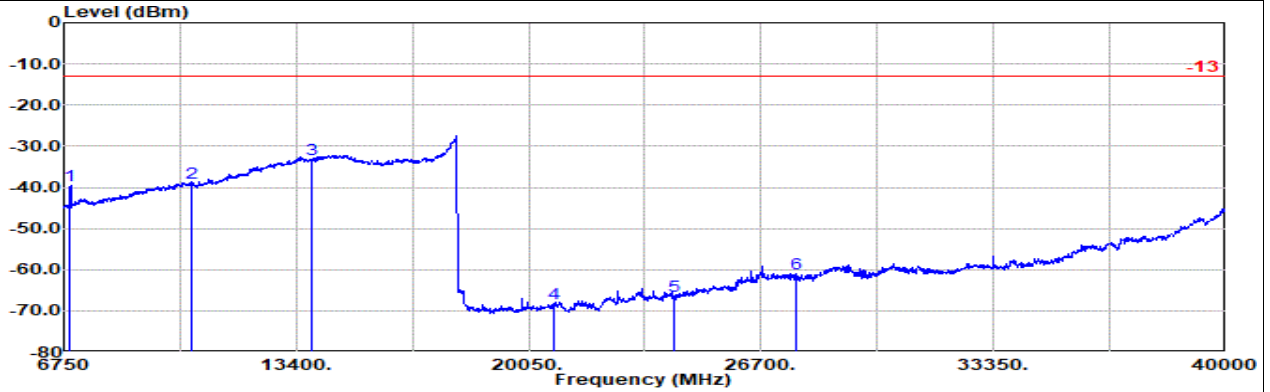


ANT 5

Part 27Q Mode 18

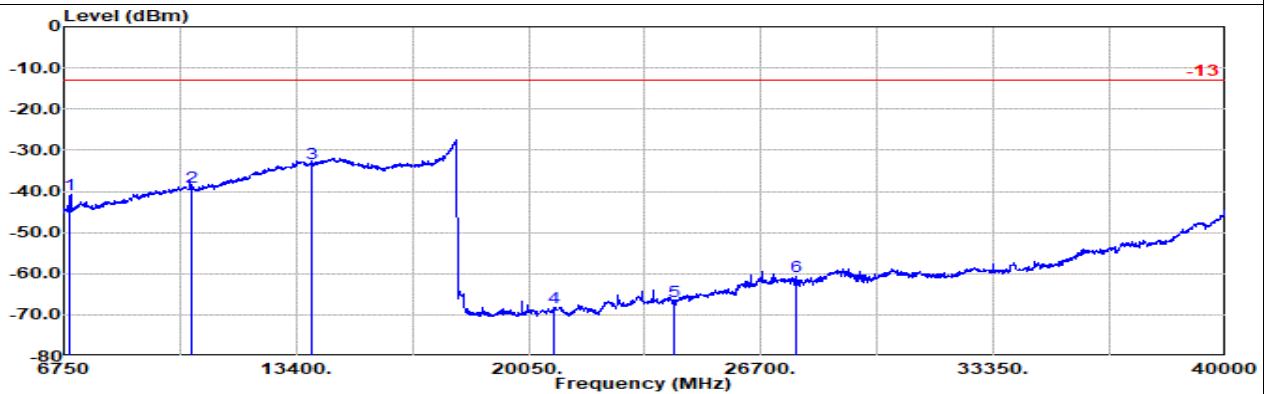
NR SA n77 90M Ch633666 1RB1 BPSK

H



Site : 03CH12-HY
 Condition: -13 3m 9120D-02114-230731 Horizontal
 : NR Band 77 90M Ch633666 1RB1 BPSK

Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1 6923.00	-39.62	RMS	36.00	-21.30	0.90	-95.23	40.01	-13.00	-26.62	Horizontal
2 10385.00	-38.83	RMS	39.03	-18.30	0.25	-95.23	35.42	-13.00	-25.83	Horizontal
3 13847.00	-33.28	RMS	40.40	-13.20	0.45	-95.23	34.30	-13.00	-20.28	Horizontal
4 20770.00	-68.28	RMS	37.86	-30.18	-9.54	-95.23	28.81	-13.00	-55.28	Horizontal
5 24232.00	-66.27	RMS	38.60	-27.65	-9.54	-95.23	27.55	-13.00	-53.27	Horizontal
6 27694.00	-61.09	RMS	39.69	-25.04	-9.54	-95.23	29.03	-13.00	-48.09	Horizontal



Site : 03CH12-HY
 Condition: -13 3m 9120D-02114-230731 Vertical
 : NR Band 77 90M Ch633666 1RB1 BPSK

Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1 6923.00	-40.85	RMS	36.00	-21.30	0.90	-95.23	38.78	-13.00	-27.85	Vertical
2 10385.00	-39.01	RMS	39.03	-18.30	0.25	-95.23	35.24	-13.00	-26.01	Vertical
3 13847.00	-33.30	RMS	40.40	-13.20	0.45	-95.23	34.28	-13.00	-20.30	Vertical
4 20770.00	-68.31	RMS	37.86	-30.18	-9.54	-95.23	28.78	-13.00	-55.31	Vertical
5 24232.00	-66.74	RMS	38.60	-27.65	-9.54	-95.23	27.08	-13.00	-53.74	Vertical
6 27694.00	-60.53	RMS	39.69	-25.04	-9.54	-95.23	29.59	-13.00	-47.53	Vertical

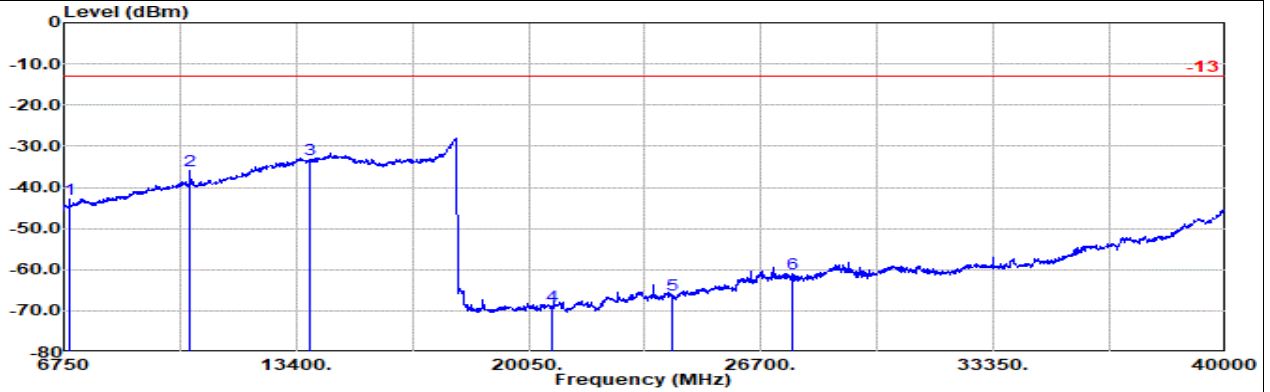


ANT 5+6

Part 27Q Mode 22

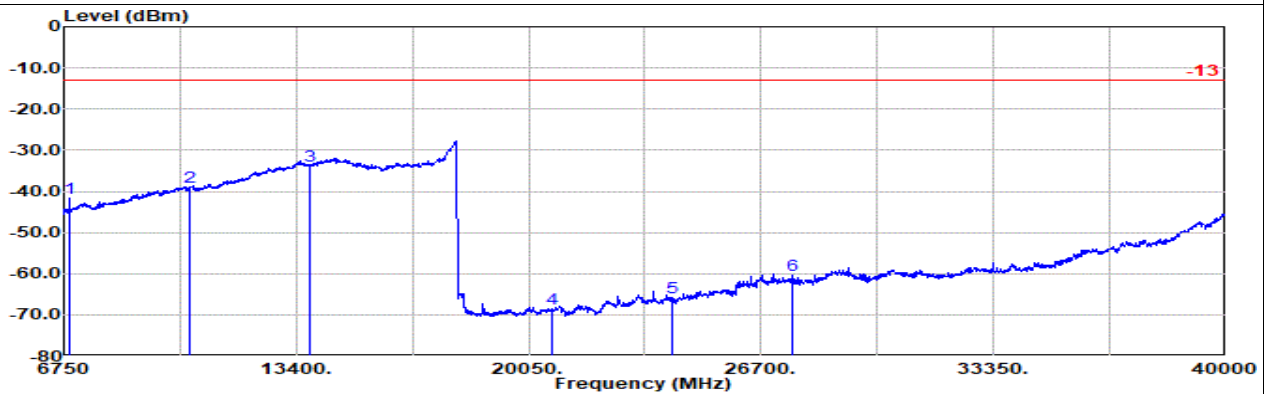
NR SA n77 90M Ch633000 1RB1 BPSK

L



Site : 03CH12-HY
 Condition: -13 3m 9120D-02114-230731 Horizontal
 : NR Band 77 90M Ch633000 1RB1 BPSK

Freq	Level	Detector	Ant Factor	Amp	Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB	
1 6903.00	-42.76	RMS	36.00	-21.31	0.90	-95.23	36.88	-13.00	-29.76	Horizontal	
2 10355.00	-35.90	RMS	39.09	-18.31	0.25	-95.23	38.30	-13.00	-22.90	Horizontal	
3 13807.00	-33.27	RMS	40.40	-13.14	0.45	-95.23	34.25	-13.00	-20.27	Horizontal	
4 20710.00	-68.83	RMS	37.98	-30.14	-9.54	-95.23	28.10	-13.00	-55.83	Horizontal	
5 24162.00	-66.12	RMS	38.68	-27.76	-9.54	-95.23	27.73	-13.00	-53.12	Horizontal	
6 27614.00	-61.13	RMS	39.74	-24.91	-9.54	-95.23	28.81	-13.00	-48.13	Horizontal	



Site : 03CH12-HY
 Condition: -13 3m 9120D-02114-230731 Vertical
 : NR Band 77 90M Ch633000 1RB1 BPSK

Freq	Level	Detector	Ant Factor	Amp	Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB	
1 6903.00	-41.66	RMS	36.00	-21.31	0.90	-95.23	37.98	-13.00	-28.66	Vertical	
2 10355.00	-39.05	RMS	39.09	-18.31	0.25	-95.23	35.15	-13.00	-26.05	Vertical	
3 13807.00	-33.70	RMS	40.40	-13.14	0.45	-95.23	33.82	-13.00	-20.70	Vertical	
4 20710.00	-68.60	RMS	37.98	-30.14	-9.54	-95.23	28.33	-13.00	-55.60	Vertical	
5 24162.00	-65.94	RMS	38.68	-27.76	-9.54	-95.23	27.91	-13.00	-52.94	Vertical	
6 27614.00	-60.40	RMS	39.74	-24.91	-9.54	-95.23	29.54	-13.00	-47.40	Vertical	

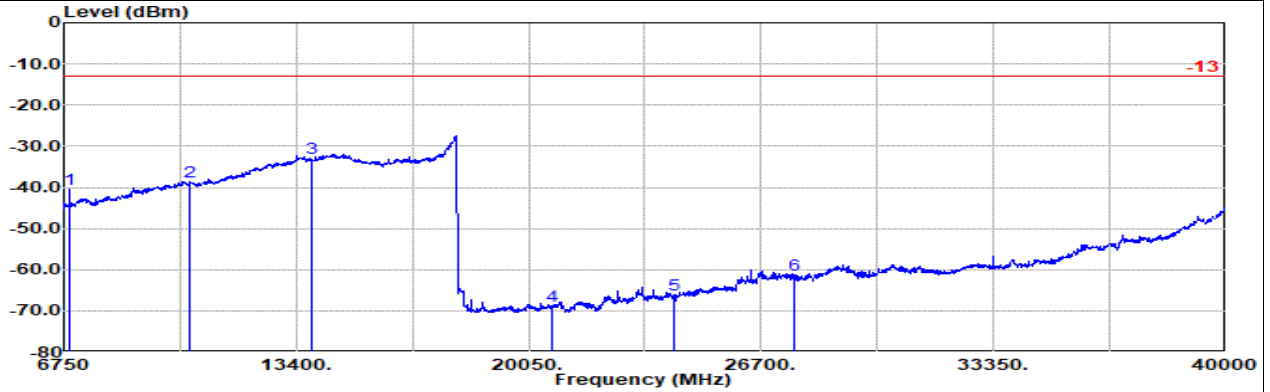


ANT 5+6

Part 27Q Mode 22

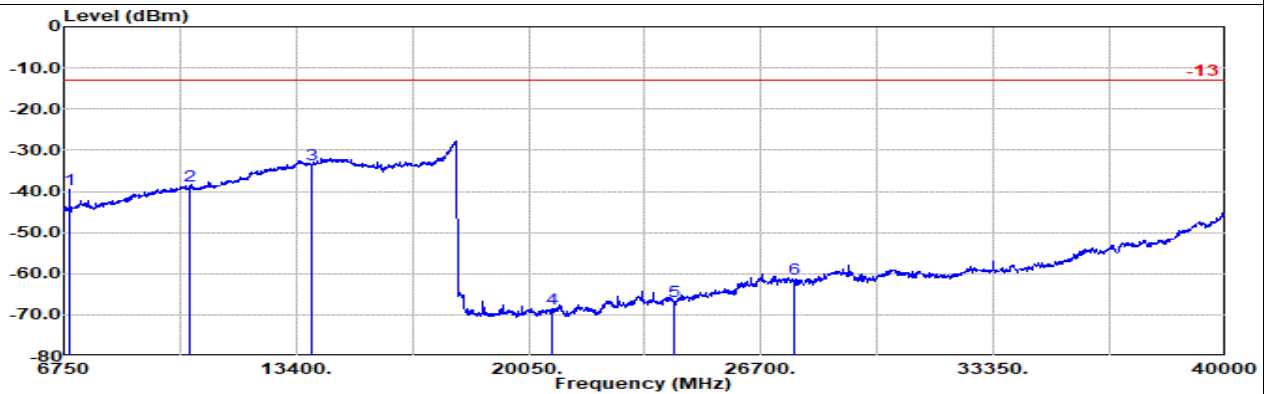
NR SA n77 90M Ch633334 1RB1 BPSK

M



Site : 03CH12-HY
 Condition: -13 3m 9120D-02114-230731 Horizontal
 : NR Band 77 90M Ch633334 1RB1 BPSK

Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB
1 6913.00	-40.49	RMS	36.00	-21.31	0.90	-95.23	39.15	-13.00	-27.49	Horizontal
2 10370.00	-38.55	RMS	39.06	-18.31	0.25	-95.23	35.68	-13.00	-25.55	Horizontal
3 13827.00	-32.87	RMS	40.40	-13.17	0.45	-95.23	34.68	-13.00	-19.87	Horizontal
4 20740.00	-68.77	RMS	37.92	-30.16	-9.54	-95.23	28.24	-13.00	-55.77	Horizontal
5 24197.00	-66.15	RMS	38.61	-27.71	-9.54	-95.23	27.72	-13.00	-53.15	Horizontal
6 27654.00	-61.15	RMS	39.61	-24.97	-9.54	-95.23	28.98	-13.00	-48.15	Horizontal



Site : 03CH12-HY
 Condition: -13 3m 9120D-02114-230731 Vertical
 : NR Band 77 90M Ch633334 1RB1 BPSK

Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB
1 6913.00	-39.66	RMS	36.00	-21.31	0.90	-95.23	39.98	-13.00	-26.66	Vertical
2 10370.00	-38.78	RMS	39.06	-18.31	0.25	-95.23	35.45	-13.00	-25.78	Vertical
3 13827.00	-33.39	RMS	40.40	-13.17	0.45	-95.23	34.16	-13.00	-20.39	Vertical
4 20740.00	-68.61	RMS	37.92	-30.16	-9.54	-95.23	28.40	-13.00	-55.61	Vertical
5 24197.00	-66.71	RMS	38.61	-27.71	-9.54	-95.23	27.16	-13.00	-53.71	Vertical
6 27654.00	-61.33	RMS	39.61	-24.97	-9.54	-95.23	28.80	-13.00	-48.33	Vertical

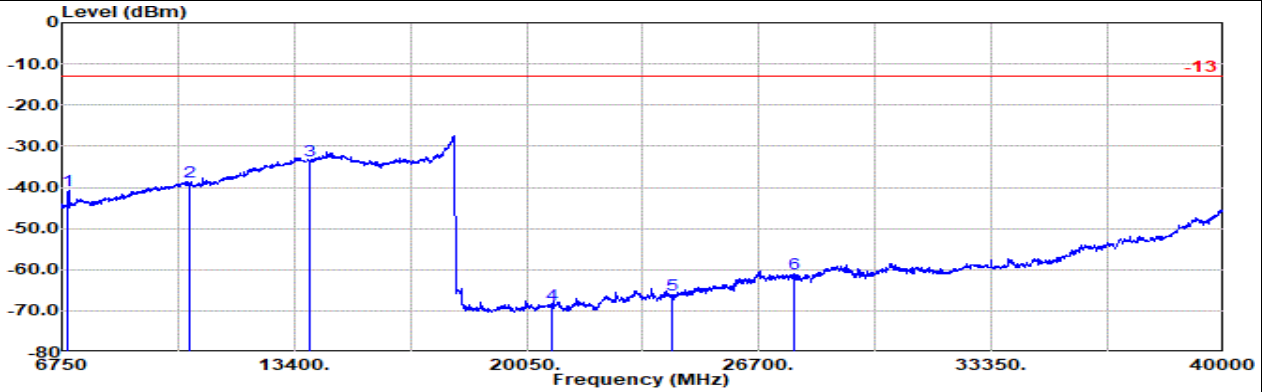


ANT 5+6

Part 27Q Mode 22

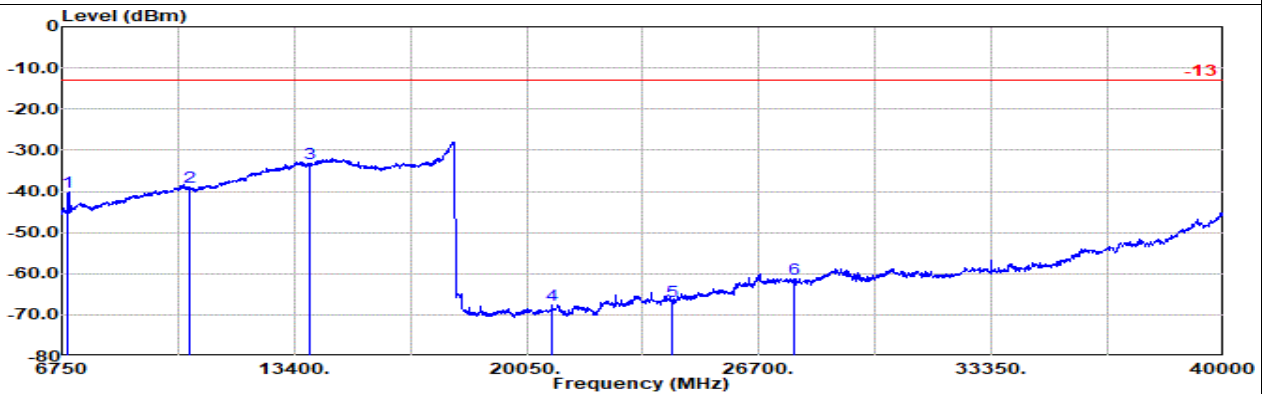
NR SA n77 90M Ch633666 1RB1 BPSK

H



Site : 03CH12-HY
 Condition: -13 3m 9120D-02114-230731 Horizontal
 : NR Band 77 90M Ch633666 1RB1 BPSK

Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
MHz	dBm			dB	dB	dB	dBuV	dBm	dB	
1 6923.00	-40.68	RMS	36.00	-21.30	0.90	-95.23	38.95	-13.00	-27.68	Horizontal
2 10385.00	-38.53	RMS	39.03	-18.30	0.25	-95.23	35.72	-13.00	-25.53	Horizontal
3 13847.00	-33.51	RMS	40.40	-13.20	0.45	-95.23	34.07	-13.00	-20.51	Horizontal
4 20770.00	-68.48	RMS	37.86	-30.18	-9.54	-95.23	28.61	-13.00	-55.48	Horizontal
5 24232.00	-66.18	RMS	38.60	-27.65	-9.54	-95.23	27.64	-13.00	-53.18	Horizontal
6 27694.00	-61.12	RMS	39.69	-25.04	-9.54	-95.23	29.00	-13.00	-48.12	Horizontal



Site : 03CH12-HY
 Condition: -13 3m 9120D-02114-230731 Vertical
 : NR Band 77 90M Ch633666 1RB1 BPSK

Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
MHz	dBm			dB	dB	dB	dBuV	dBm	dB	
1 6923.00	-40.02	RMS	36.00	-21.30	0.90	-95.23	39.61	-13.00	-27.02	Vertical
2 10385.00	-38.89	RMS	39.03	-18.30	0.25	-95.23	35.36	-13.00	-25.89	Vertical
3 13847.00	-33.34	RMS	40.40	-13.20	0.45	-95.23	34.24	-13.00	-20.34	Vertical
4 20770.00	-67.70	RMS	37.86	-30.18	-9.54	-95.23	29.39	-13.00	-54.70	Vertical
5 24232.00	-66.60	RMS	38.60	-27.65	-9.54	-95.23	27.22	-13.00	-53.60	Vertical
6 27694.00	-61.40	RMS	39.69	-25.04	-9.54	-95.23	28.72	-13.00	-48.40	Vertical

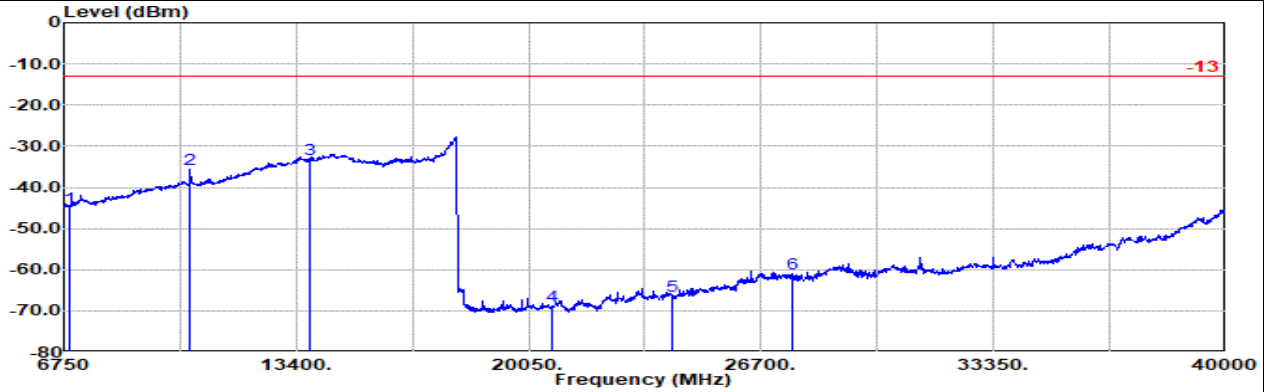


ANT 5+4

Part 27Q Mode 23

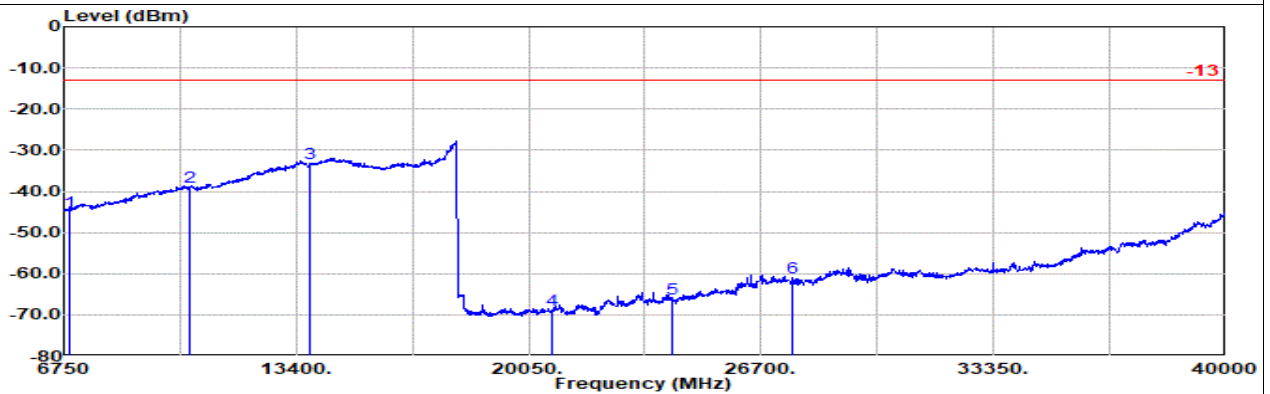
NR SA n77 90M Ch633000 1RB1 BPSK

L



Site : 03CH12-HY
 Condition: -13 3m 9120D-02114-230731 Horizontal
 : NR Band 77 90M Ch633000 1RB1 BPSK

Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB
1	6903.00	-44.96 RMS	36.00	-21.31	0.90	-95.23	34.68	-13.00	-31.96	Horizontal
2	10355.00	-35.62 RMS	39.09	-18.31	0.25	-95.23	38.58	-13.00	-22.62	Horizontal
3	13807.00	-33.35 RMS	40.40	-13.14	0.45	-95.23	34.17	-13.00	-20.35	Horizontal
4	20710.00	-68.77 RMS	37.98	-30.14	-9.54	-95.23	28.16	-13.00	-55.77	Horizontal
5	24162.00	-66.28 RMS	38.68	-27.76	-9.54	-95.23	27.57	-13.00	-53.28	Horizontal
6	27614.00	-61.09 RMS	39.74	-24.91	-9.54	-95.23	28.85	-13.00	-48.09	Horizontal



Site : 03CH12-HY
 Condition: -13 3m 9120D-02114-230731 Vertical
 : NR Band 77 90M Ch633000 1RB1 BPSK

Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB
1	6903.00	-44.85 RMS	36.00	-21.31	0.90	-95.23	34.79	-13.00	-31.85	Vertical
2	10355.00	-38.91 RMS	39.09	-18.31	0.25	-95.23	35.29	-13.00	-25.91	Vertical
3	13807.00	-33.34 RMS	40.40	-13.14	0.45	-95.23	34.18	-13.00	-20.34	Vertical
4	20710.00	-68.71 RMS	37.98	-30.14	-9.54	-95.23	28.22	-13.00	-55.71	Vertical
5	24162.00	-66.06 RMS	38.68	-27.76	-9.54	-95.23	27.79	-13.00	-53.06	Vertical
6	27614.00	-61.06 RMS	39.74	-24.91	-9.54	-95.23	28.88	-13.00	-48.06	Vertical

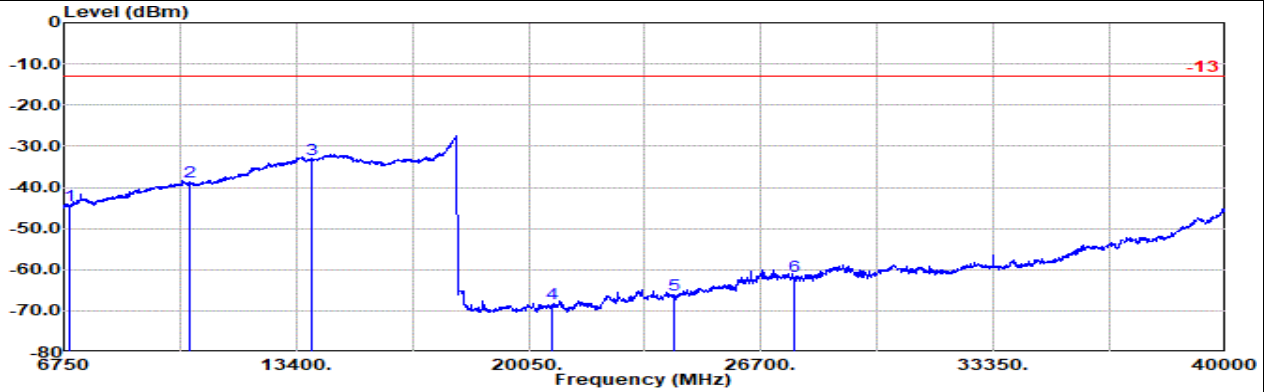


ANT 5+4

Part 27Q Mode 23

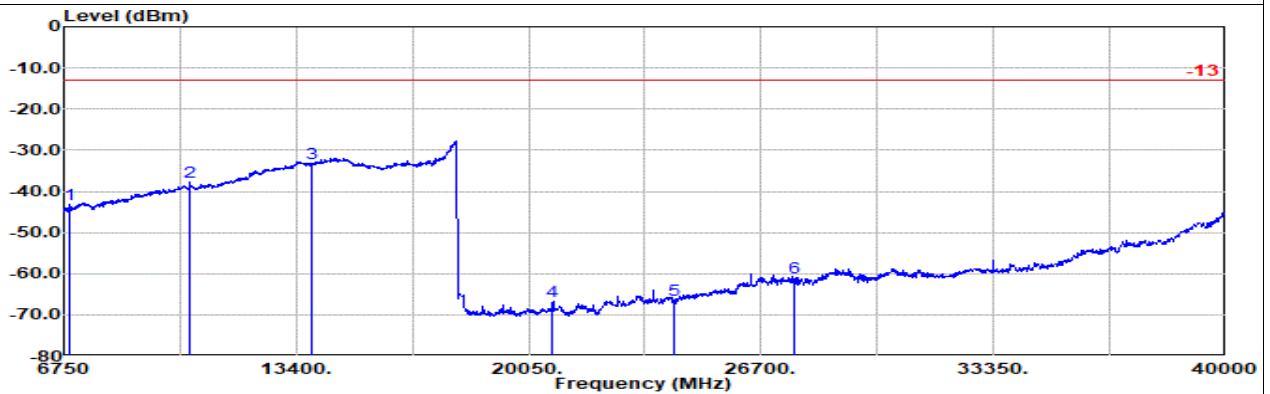
NR SA n77 90M Ch633334 1RB1 BPSK

M



Site : 03CH12-HY
 Condition: -13 3m 9120D-02114-230731 Horizontal
 : NR Band 77 90M Ch633334 1RB1 BPSK

1	2	3	4	5	6					
Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
MHz	dBm			dB	dB	dB	dBuV	dBm	dB	
6913.00	-44.37	RMS	36.00	-21.31	0.90	-95.23	35.27	-13.00	-31.37	Horizontal
10370.00	-38.72	RMS	39.03	-18.30	0.25	-95.23	35.53	-13.00	-25.72	Horizontal
13827.00	-33.14	RMS	40.40	-13.17	0.45	-95.23	34.41	-13.00	-20.14	Horizontal
20740.00	-68.32	RMS	37.92	-30.16	-9.54	-95.23	28.69	-13.00	-55.32	Horizontal
24197.00	-66.26	RMS	38.61	-27.71	-9.54	-95.23	27.61	-13.00	-53.26	Horizontal
27654.00	-61.52	RMS	39.61	-24.97	-9.54	-95.23	28.61	-13.00	-48.52	Horizontal



Site : 03CH12-HY
 Condition: -13 3m 9120D-02114-230731 Vertical
 : NR Band 77 90M Ch633334 1RB1 BPSK

1	2	3	4	5	6					
Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
MHz	dBm			dB	dB	dB	dBuV	dBm	dB	
6913.00	-43.21	RMS	36.00	-21.30	0.90	-95.23	36.42	-13.00	-30.21	Vertical
10370.00	-37.81	RMS	39.06	-18.31	0.25	-95.23	36.42	-13.00	-24.81	Vertical
13827.00	-33.26	RMS	40.40	-13.17	0.45	-95.23	34.29	-13.00	-20.26	Vertical
20740.00	-66.58	RMS	37.92	-30.16	-9.54	-95.23	30.43	-13.00	-53.58	Vertical
24197.00	-66.54	RMS	38.61	-27.71	-9.54	-95.23	27.33	-13.00	-53.54	Vertical
27654.00	-61.07	RMS	39.61	-24.97	-9.54	-95.23	29.06	-13.00	-48.07	Vertical

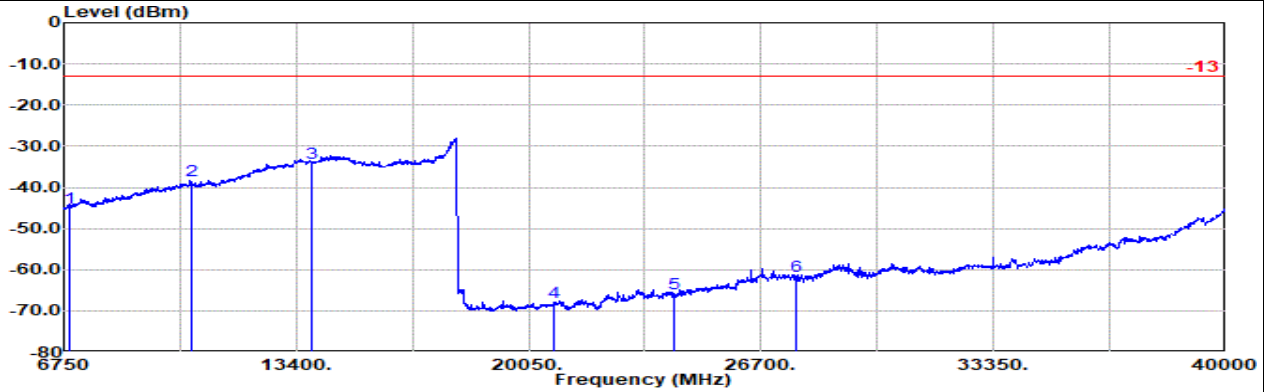


ANT 5+4

Part 27Q Mode 23

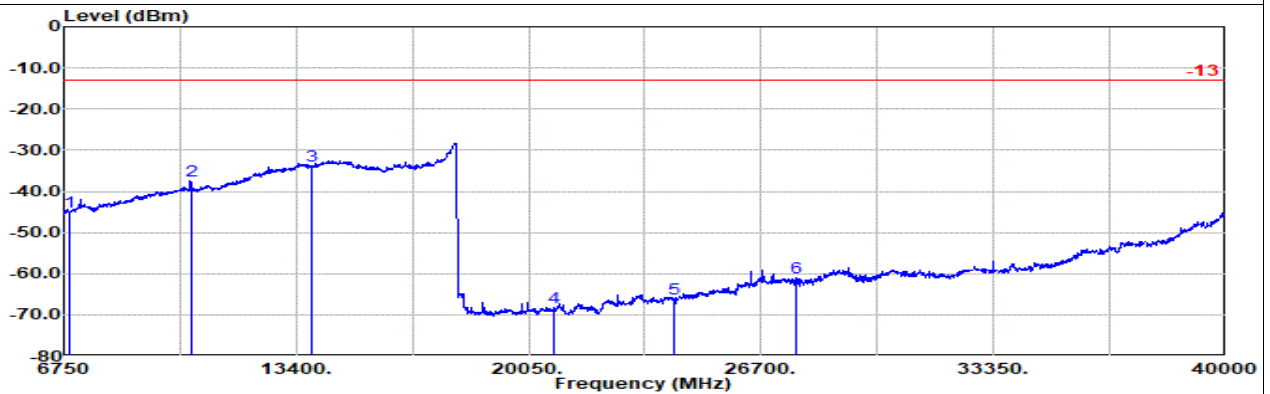
NR SA n77 90M Ch633666 1RB1 BPSK

H



Site : 03CH12-HY
 Condition: -13 3m 9120D-02114-230731 Horizontal
 : NR Band 77 90M Ch633666 1RB1 BPSK

Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
MHz	dBm			dB	dB	dB	dBuV	dBm	dB	
1 6923.00	-45.13	RMS	36.00	-21.30	0.90	-95.23	34.50	-13.00	-32.13	Horizontal
2 10385.00	-38.28	RMS	39.03	-18.30	0.25	-95.23	35.97	-13.00	-25.28	Horizontal
3 13847.00	-33.98	RMS	40.40	-13.20	0.45	-95.23	33.60	-13.00	-20.98	Horizontal
4 20770.00	-68.07	RMS	37.83	-30.19	-9.54	-95.23	29.06	-13.00	-55.07	Horizontal
5 24232.00	-65.82	RMS	38.60	-27.67	-9.54	-95.23	28.02	-13.00	-52.82	Horizontal
6 27694.00	-61.60	RMS	39.69	-25.04	-9.54	-95.23	28.52	-13.00	-48.60	Horizontal



Site : 03CH12-HY
 Condition: -13 3m 9120D-02114-230731 Vertical
 : NR Band 77 90M Ch633666 1RB1 BPSK

Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
MHz	dBm			dB	dB	dB	dBuV	dBm	dB	
1 6923.00	-45.01	RMS	36.00	-21.30	0.90	-95.23	34.62	-13.00	-32.01	Vertical
2 10385.00	-37.38	RMS	39.03	-18.30	0.25	-95.23	36.87	-13.00	-24.38	Vertical
3 13847.00	-33.86	RMS	40.40	-13.20	0.45	-95.23	33.72	-13.00	-20.86	Vertical
4 20770.00	-68.12	RMS	37.85	-30.18	-9.54	-95.23	28.98	-13.00	-55.12	Vertical
5 24232.00	-66.23	RMS	38.60	-27.69	-9.54	-95.23	27.63	-13.00	-53.23	Vertical
6 27694.00	-61.08	RMS	39.69	-25.04	-9.54	-95.23	29.04	-13.00	-48.08	Vertical

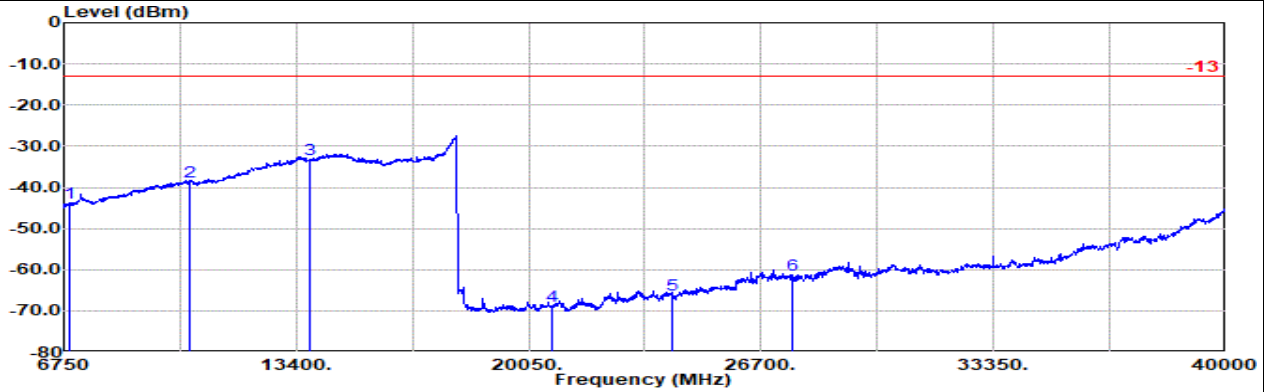


ANT 5+2

Part 27Q Mode 24

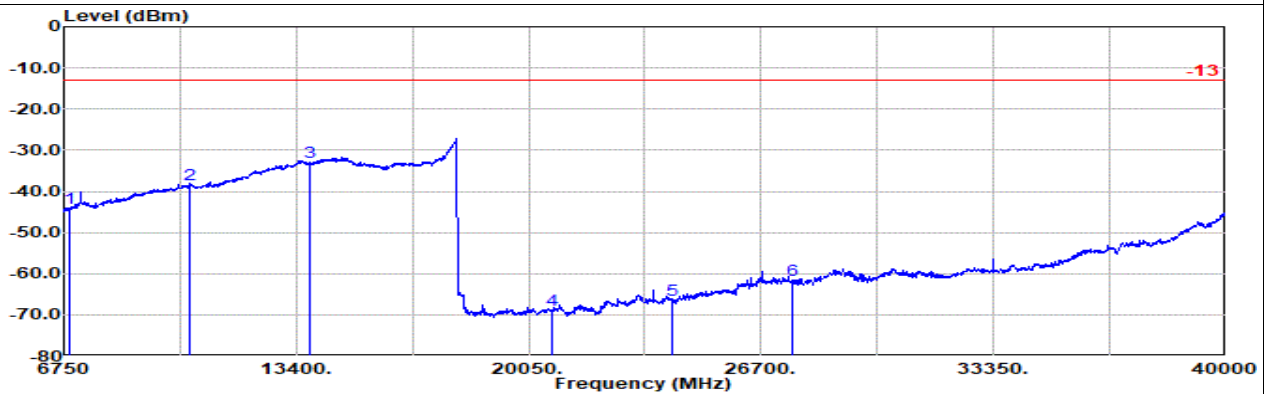
NR SA n77 90M Ch633000 1RB1 BPSK

L



Site : 03CH12-HY
 Condition: -13 3m 9120D-02114-230731 Horizontal
 : NR Band 77 90M Ch633000 1RB1 BPSK

Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol	
MHz	dBm			dB/m	dB	dB	dBuV	dBm	dB		
1	6903.00	-43.88	RMS	36.00	-21.31	0.90	-95.23	35.76	-13.00	-30.88	Horizontal
2	10355.00	-38.76	RMS	39.09	-18.31	0.25	-95.23	35.44	-13.00	-25.76	Horizontal
3	13807.00	-33.26	RMS	40.40	-13.14	0.45	-95.23	34.26	-13.00	-20.26	Horizontal
4	20710.00	-68.84	RMS	37.98	-30.14	-9.54	-95.23	28.09	-13.00	-55.84	Horizontal
5	24162.00	-66.08	RMS	38.68	-27.76	-9.54	-95.23	27.77	-13.00	-53.08	Horizontal
6	27614.00	-61.19	RMS	39.74	-24.91	-9.54	-95.23	28.75	-13.00	-48.19	Horizontal



Site : 03CH12-HY
 Condition: -13 3m 9120D-02114-230731 Vertical
 : NR Band 77 90M Ch633000 1RB1 BPSK

Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol	
MHz	dBm			dB/m	dB	dB	dBuV	dBm	dB		
1	6903.00	-44.16	RMS	36.00	-21.31	0.90	-95.23	35.48	-13.00	-31.16	Vertical
2	10355.00	-38.47	RMS	39.09	-18.31	0.25	-95.23	35.73	-13.00	-25.47	Vertical
3	13807.00	-32.95	RMS	40.40	-13.14	0.45	-95.23	34.57	-13.00	-19.95	Vertical
4	20710.00	-68.69	RMS	37.98	-30.14	-9.54	-95.23	28.24	-13.00	-55.69	Vertical
5	24162.00	-66.40	RMS	38.68	-27.76	-9.54	-95.23	27.45	-13.00	-53.40	Vertical
6	27614.00	-61.44	RMS	39.74	-24.91	-9.54	-95.23	28.50	-13.00	-48.44	Vertical

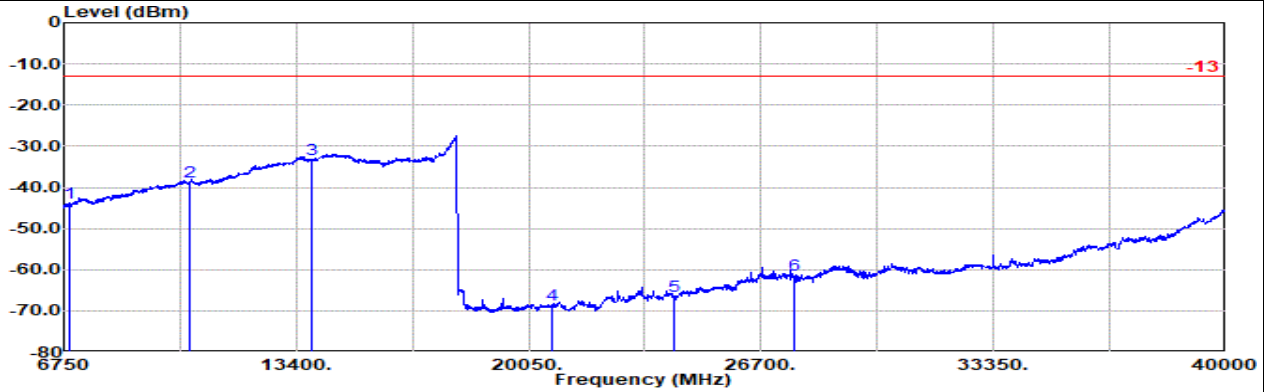


ANT 5+2

Part 27Q Mode 24

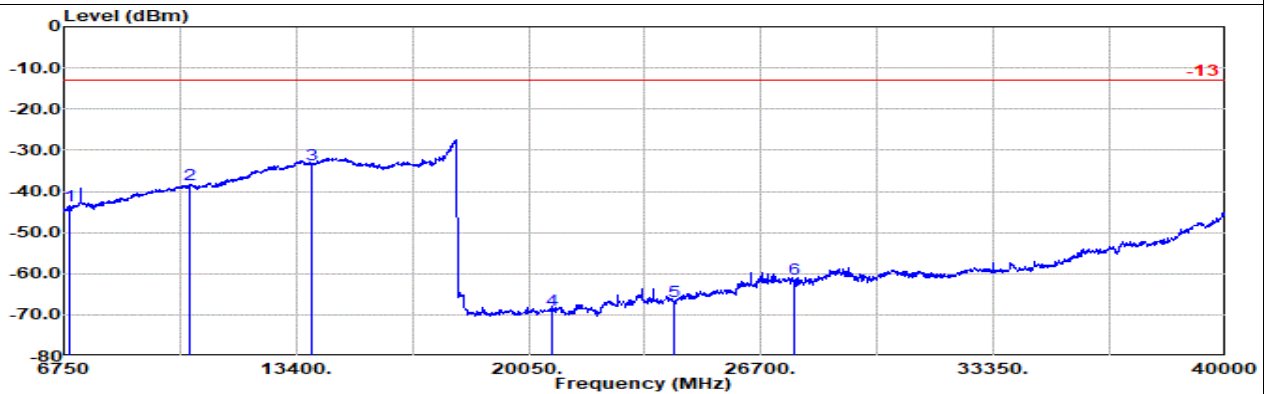
NR SA n77 90M Ch633334 1RB1 BPSK

M



Site : 03CH12-HY
 Condition: -13 3m 9120D-02114-230731 Horizontal
 : NR Band 77 90M Ch633334 1RB1 BPSK

Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol	
MHz	dBm			dB/m	dB	dB	dBuV	dBm	dB		
1	6913.00	-43.75	RMS	36.00	-21.31	0.90	-95.23	35.89	-13.00	-30.75	Horizontal
2	10370.00	-38.62	RMS	39.06	-18.31	0.25	-95.23	35.61	-13.00	-25.62	Horizontal
3	13827.00	-33.08	RMS	40.40	-13.17	0.45	-95.23	34.47	-13.00	-20.08	Horizontal
4	20740.00	-68.67	RMS	37.92	-30.16	-9.54	-95.23	28.34	-13.00	-55.67	Horizontal
5	24197.00	-66.56	RMS	38.61	-27.71	-9.54	-95.23	27.31	-13.00	-53.56	Horizontal
6	27654.00	-61.41	RMS	39.61	-24.97	-9.54	-95.23	28.72	-13.00	-48.41	Horizontal



Site : 03CH12-HY
 Condition: -13 3m 9120D-02114-230731 Vertical
 : NR Band 77 90M Ch633334 1RB1 BPSK

Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol	
MHz	dBm			dB/m	dB	dB	dBuV	dBm	dB		
1	6913.00	-43.45	RMS	36.00	-21.31	0.90	-95.23	36.19	-13.00	-30.45	Vertical
2	10370.00	-38.49	RMS	39.06	-18.31	0.25	-95.23	35.74	-13.00	-25.49	Vertical
3	13827.00	-33.42	RMS	40.40	-13.17	0.45	-95.23	34.13	-13.00	-20.42	Vertical
4	20740.00	-68.76	RMS	37.92	-30.16	-9.54	-95.23	28.25	-13.00	-55.76	Vertical
5	24197.00	-66.58	RMS	38.61	-27.71	-9.54	-95.23	27.29	-13.00	-53.58	Vertical
6	27654.00	-61.28	RMS	39.61	-24.97	-9.54	-95.23	28.85	-13.00	-48.28	Vertical

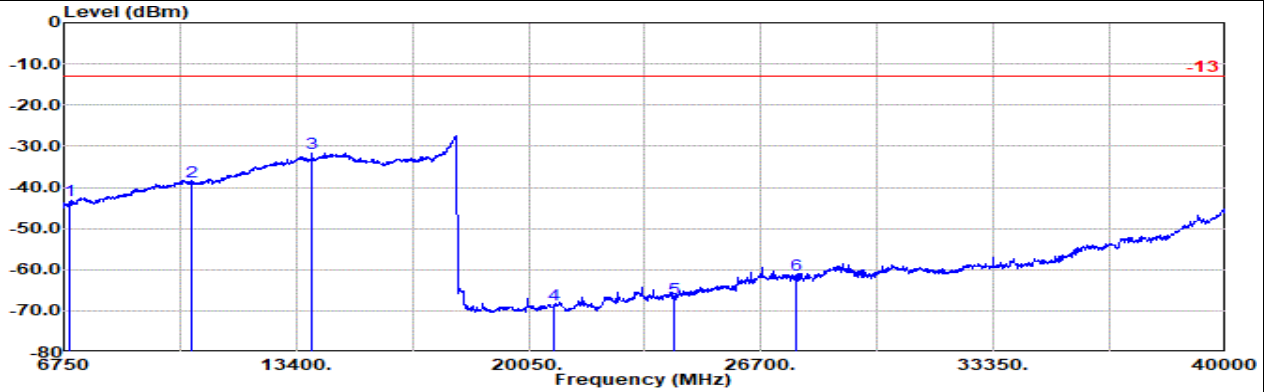


ANT 5+2

Part 27Q Mode 24

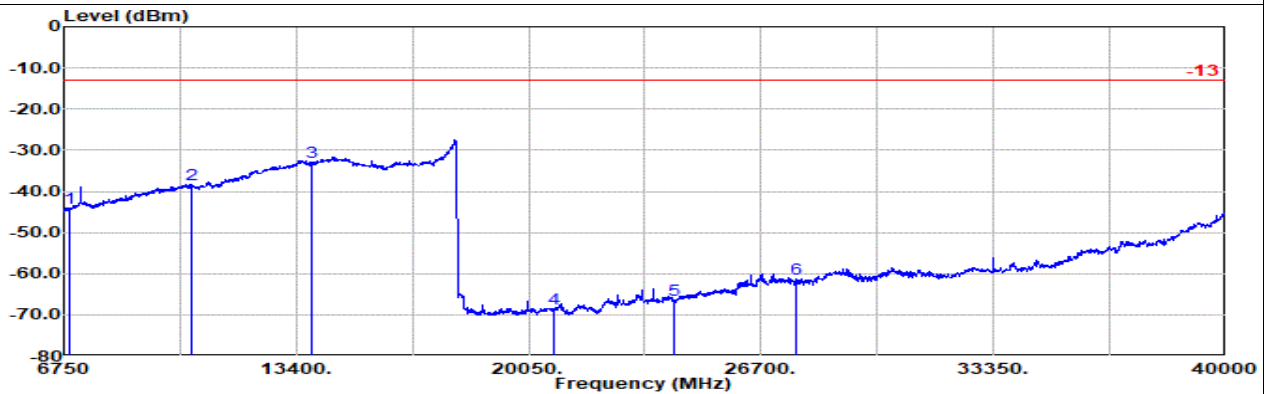
NR SA n77 90M Ch633666 1RB1 BPSK

H



Site : 03CH12-HY
 Condition: -13 3m 9120D-02114-230731 Horizontal
 : NR Band 77 90M Ch633666 1RB1 BPSK

Freq	Level	Detector	Ant Factor	Amp	Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB	
1 6923.00	-43.05	RMS	36.00	-21.30	0.90	-95.23	-95.23	36.58	-13.00	-30.05	Horizontal
2 10385.00	-38.50	RMS	39.03	-18.30	0.25	-95.23	-95.23	35.75	-13.00	-25.50	Horizontal
3 13847.00	-31.73	RMS	40.40	-13.21	0.45	-95.23	-95.23	35.86	-13.00	-18.73	Horizontal
4 20770.00	-68.47	RMS	37.86	-30.18	-9.54	-95.23	-95.23	28.62	-13.00	-55.47	Horizontal
5 24232.00	-66.88	RMS	38.60	-27.65	-9.54	-95.23	-95.23	26.94	-13.00	-53.88	Horizontal
6 27694.00	-61.25	RMS	39.69	-25.04	-9.54	-95.23	-95.23	28.87	-13.00	-48.25	Horizontal



Site : 03CH12-HY
 Condition: -13 3m 9120D-02114-230731 Vertical
 : NR Band 77 90M Ch633666 1RB1 BPSK

Freq	Level	Detector	Ant Factor	Amp	Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB	
1 6923.00	-43.95	RMS	36.00	-21.30	0.90	-95.23	-95.23	35.68	-13.00	-30.95	Vertical
2 10385.00	-38.35	RMS	39.03	-18.30	0.25	-95.23	-95.23	35.90	-13.00	-25.35	Vertical
3 13847.00	-32.94	RMS	40.40	-13.20	0.45	-95.23	-95.23	34.64	-13.00	-19.94	Vertical
4 20770.00	-68.58	RMS	37.86	-30.18	-9.54	-95.23	-95.23	28.51	-13.00	-55.58	Vertical
5 24232.00	-66.53	RMS	38.60	-27.65	-9.54	-95.23	-95.23	27.29	-13.00	-53.53	Vertical
6 27694.00	-61.14	RMS	39.69	-25.04	-9.54	-95.23	-95.23	28.98	-13.00	-48.14	Vertical

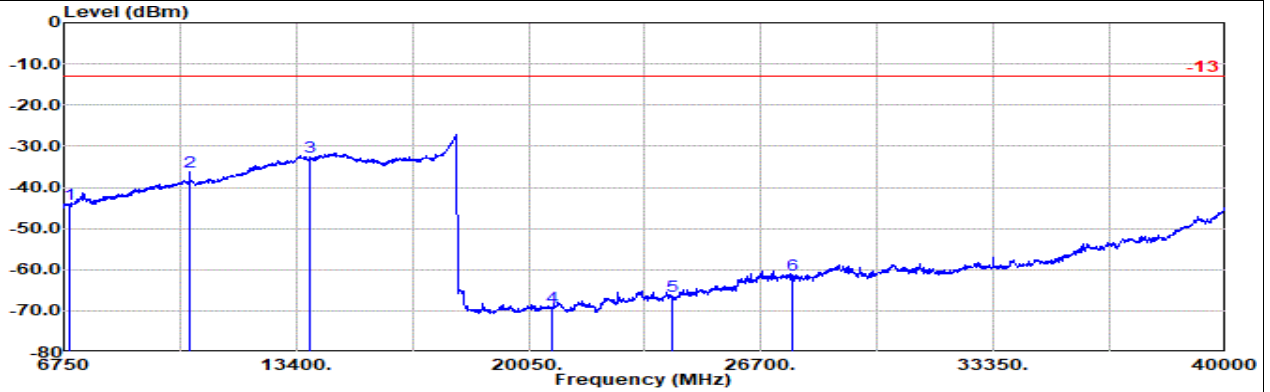


ANT 6

Part 27Q Mode 19

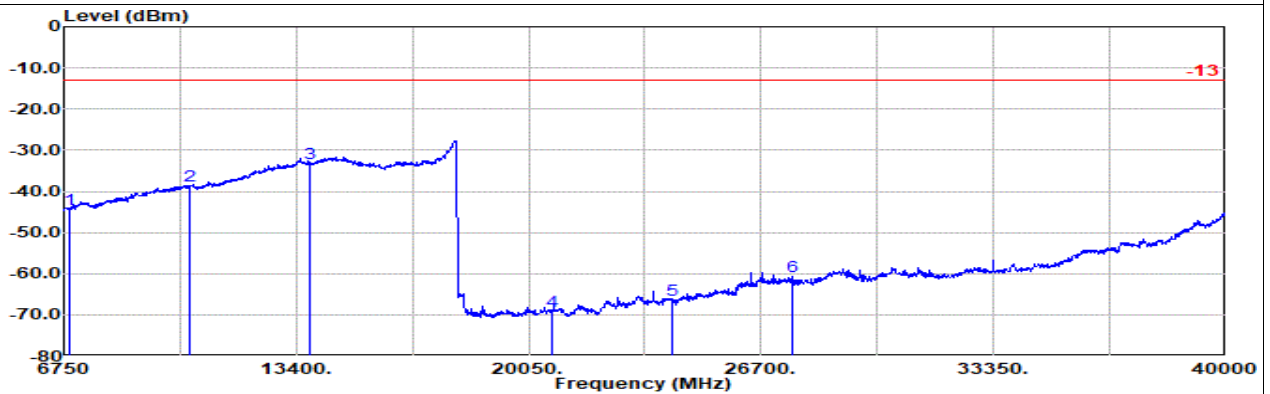
NR SA n77 90M Ch633000 1RB1 BPSK

L



Site : 03CH12-HY
 Condition: -13 3m 9120D-02114-230731 Horizontal
 : NR Band 77 90M Ch633000 1RB1 BPSK

Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
MHz	dBm			dB	dB	dB	dBuV	dBm	dB	
1	6903.00	-44.01 RMS	36.00	-21.31	0.90	-95.23	35.63	-13.00	-31.01	Horizontal
2	10355.00	-36.09 RMS	39.09	-18.31	0.25	-95.23	38.11	-13.00	-23.09	Horizontal
3	13807.00	-32.73 RMS	40.40	-13.14	0.45	-95.23	34.79	-13.00	-19.73	Horizontal
4	20710.00	-69.00 RMS	37.98	-30.14	-9.54	-95.23	27.93	-13.00	-56.00	Horizontal
5	24162.00	-66.44 RMS	38.68	-27.76	-9.54	-95.23	27.41	-13.00	-53.44	Horizontal
6	27614.00	-61.29 RMS	39.74	-24.91	-9.54	-95.23	28.65	-13.00	-48.29	Horizontal



Site : 03CH12-HY
 Condition: -13 3m 9120D-02114-230731 Vertical
 : NR Band 77 90M Ch633000 1RB1 BPSK

Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
MHz	dBm			dB	dB	dB	dBuV	dBm	dB	
1	6903.00	-44.51 RMS	36.00	-21.31	0.90	-95.23	35.13	-13.00	-31.51	Vertical
2	10355.00	-38.66 RMS	39.09	-18.31	0.25	-95.23	35.54	-13.00	-25.66	Vertical
3	13807.00	-33.35 RMS	40.40	-13.14	0.45	-95.23	34.17	-13.00	-20.35	Vertical
4	20710.00	-69.11 RMS	37.98	-30.14	-9.54	-95.23	27.82	-13.00	-56.11	Vertical
5	24162.00	-66.43 RMS	38.68	-27.76	-9.54	-95.23	27.42	-13.00	-53.43	Vertical
6	27614.00	-60.68 RMS	39.74	-24.91	-9.54	-95.23	29.26	-13.00	-47.68	Vertical

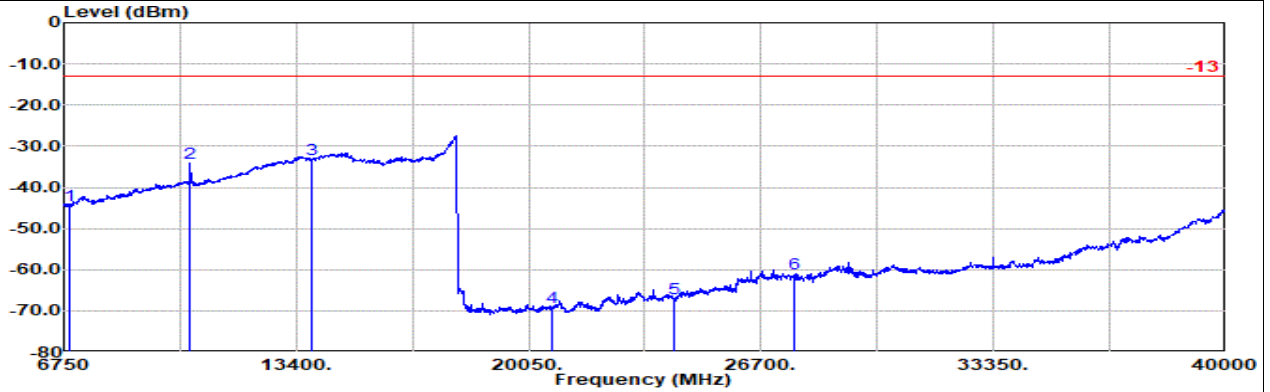


ANT 6

Part 27Q Mode 19

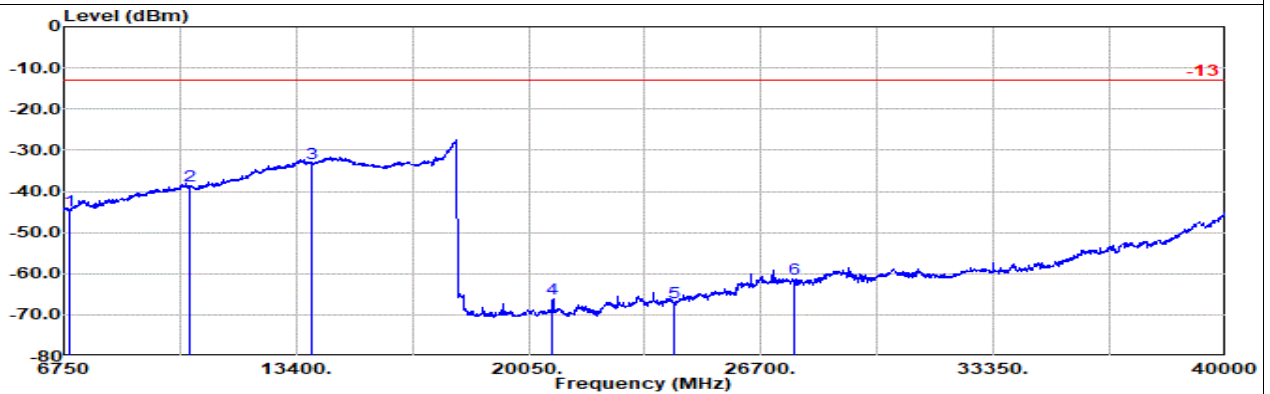
NR SA n77 90M Ch633334 1RB1 BPSK

M



Site : 03CH12-HY
 Condition: -13 3m 9120D-02114-230731 Horizontal
 : NR Band 77 90M Ch633334 1RB1 BPSK

Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Reading	Limit	Margin	Pol
MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB
1 6913.00	-44.51	RMS	36.00	-21.31	0.90	-95.23	35.13	-13.00	-31.51	Horizontal
2 10370.00	-34.15	RMS	39.06	-18.31	0.25	-95.23	40.08	-13.00	-21.15	Horizontal
3 13827.00	-33.24	RMS	40.40	-13.17	0.45	-95.23	34.31	-13.00	-20.24	Horizontal
4 20740.00	-69.05	RMS	37.91	-30.16	-9.54	-95.23	27.97	-13.00	-56.05	Horizontal
5 24197.00	-67.00	RMS	38.60	-27.70	-9.54	-95.23	26.87	-13.00	-54.00	Horizontal
6 27654.00	-61.01	RMS	39.61	-24.97	-9.54	-95.23	29.12	-13.00	-48.01	Horizontal



Site : 03CH12-HY
 Condition: -13 3m 9120D-02114-230731 Vertical
 : NR Band 77 90M Ch633334 1RB1 BPSK

Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Reading	Limit	Margin	Pol
MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB
1 6913.00	-44.63	RMS	36.00	-21.31	0.90	-95.23	35.01	-13.00	-31.63	Vertical
2 10370.00	-38.68	RMS	39.06	-18.31	0.25	-95.23	35.55	-13.00	-25.68	Vertical
3 13827.00	-33.07	RMS	40.40	-13.17	0.45	-95.23	34.48	-13.00	-20.07	Vertical
4 20740.00	-66.10	RMS	37.92	-30.16	-9.54	-95.23	30.91	-13.00	-53.10	Vertical
5 24197.00	-67.08	RMS	38.61	-27.71	-9.54	-95.23	26.79	-13.00	-54.08	Vertical
6 27654.00	-61.16	RMS	39.61	-24.97	-9.54	-95.23	28.97	-13.00	-48.16	Vertical

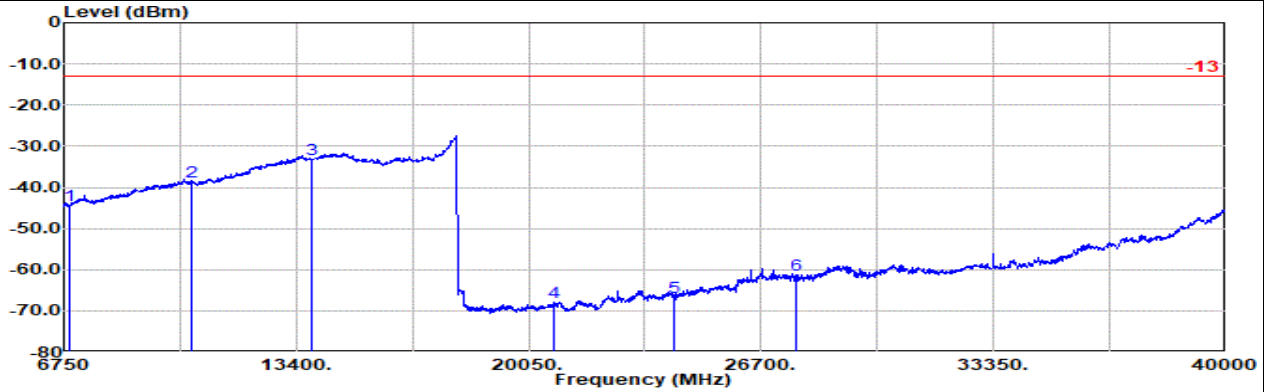


ANT 6

Part 27Q Mode 19

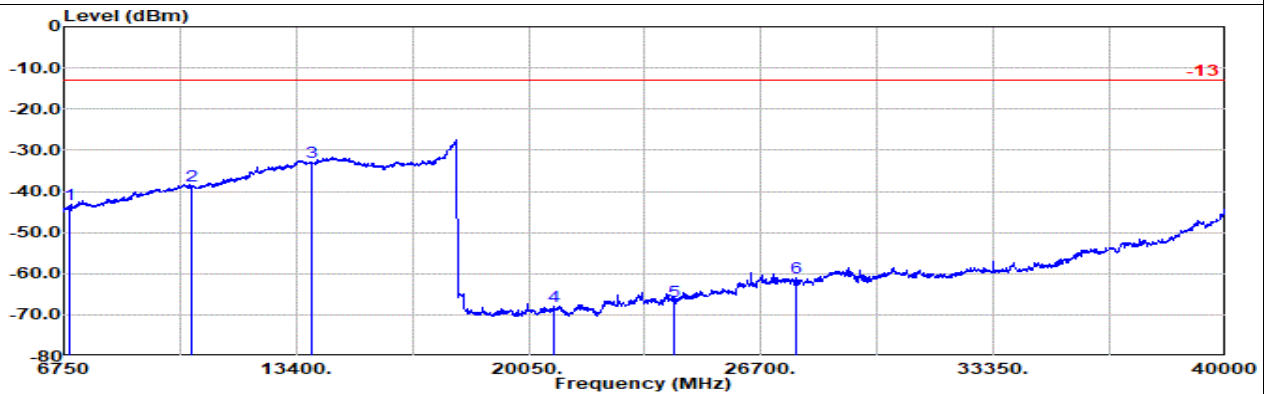
NR SA n77 90M Ch633666 1RB1 BPSK

H



Site : 03CH12-HY
 Condition: -13 3m 9120D-02114-230731 Horizontal
 : NR Band 77 90M Ch633666 1RB1 BPSK

Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Reading	Limit	Margin	Pol
MHz	dBm			dB/m	dB	dB	dBuV	dBm	dB	
1	6923.00	-44.48 RMS	36.00	-21.30	0.90	-95.23	35.15	-13.00	-31.48	Horizontal
2	10385.00	-38.53 RMS	39.03	-18.30	0.25	-95.23	35.72	-13.00	-25.53	Horizontal
3	13847.00	-33.21 RMS	40.40	-13.20	0.45	-95.23	34.37	-13.00	-20.21	Horizontal
4	20770.00	-68.04 RMS	37.83	-30.19	-9.54	-95.23	29.09	-13.00	-55.04	Horizontal
5	24232.00	-66.60 RMS	38.60	-27.69	-9.54	-95.23	27.26	-13.00	-53.60	Horizontal
6	27694.00	-61.40 RMS	39.69	-25.04	-9.54	-95.23	28.72	-13.00	-48.40	Horizontal



Site : 03CH12-HY
 Condition: -13 3m 9120D-02114-230731 Vertical
 : NR Band 77 90M Ch633666 1RB1 BPSK

Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Reading	Limit	Margin	Pol
MHz	dBm			dB/m	dB	dB	dBuV	dBm	dB	
1	6923.00	-43.30 RMS	36.00	-21.30	0.90	-95.23	36.33	-13.00	-30.30	Vertical
2	10385.00	-38.59 RMS	39.03	-18.30	0.25	-95.23	35.66	-13.00	-25.59	Vertical
3	13847.00	-33.02 RMS	40.40	-13.20	0.45	-95.23	34.56	-13.00	-20.02	Vertical
4	20770.00	-67.92 RMS	37.86	-30.18	-9.54	-95.23	29.17	-13.00	-54.92	Vertical
5	24232.00	-66.75 RMS	38.60	-27.65	-9.54	-95.23	27.07	-13.00	-53.75	Vertical
6	27694.00	-60.93 RMS	39.69	-25.04	-9.54	-95.23	29.19	-13.00	-47.93	Vertical

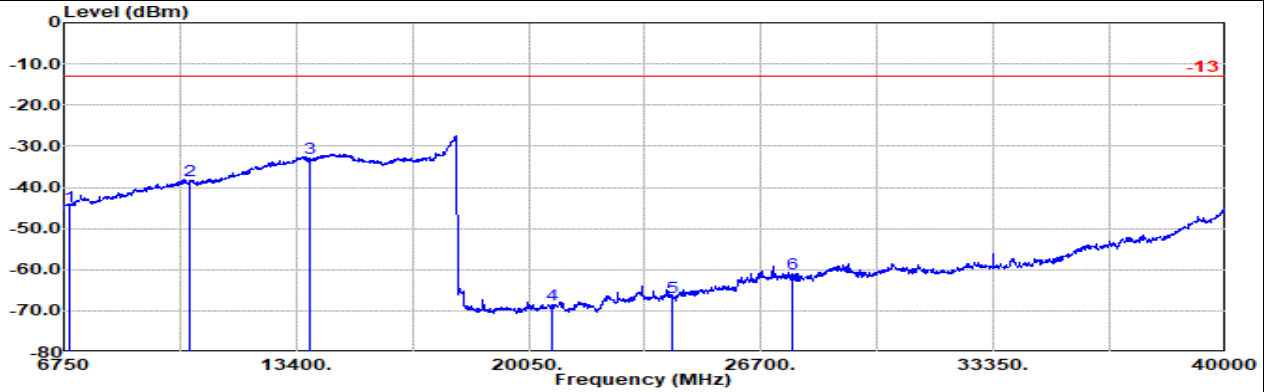


ANT 6+4

Part 27Q Mode 25

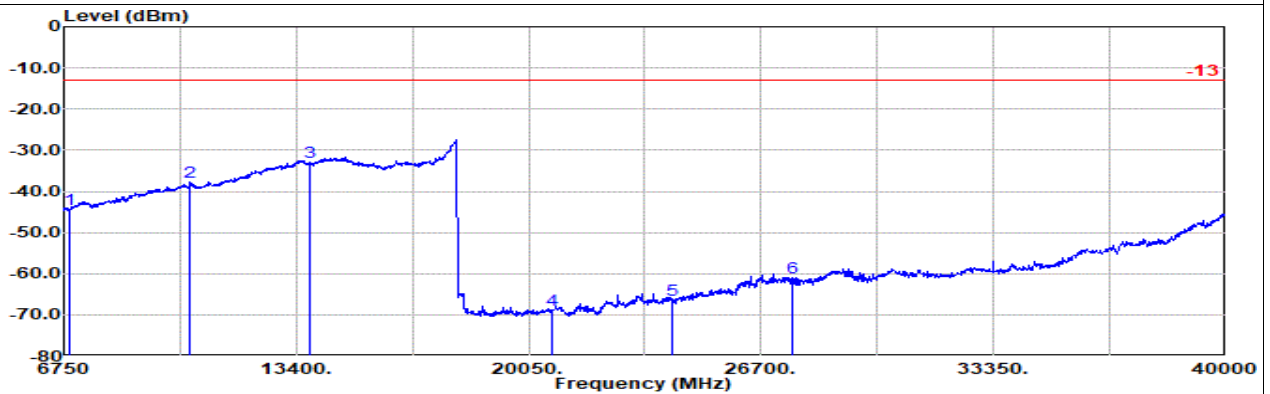
NR SA n77 90M Ch633000 1RB1 BPSK

L



Site : 03CH12-HY
 Condition: -13 3m 9120D-02114-230731 Horizontal
 : NR Band 77 90M Ch633000 1RB1 BPSK

Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol	
MHz	dBm			dB/m	dB	dB	dBuV	dBm	dB		
1	6903.00	-44.72	RMS	36.00	-21.31	0.90	-95.23	0.00	-13.00	-31.72	Horizontal
2	10355.00	-38.41	RMS	39.09	-18.31	0.25	-95.23	35.79	-13.00	-25.41	Horizontal
3	13807.00	-32.77	RMS	40.40	-13.14	0.45	-95.23	34.75	-13.00	-19.77	Horizontal
4	20710.00	-68.51	RMS	37.98	-30.14	-9.54	-95.23	28.42	-13.00	-55.51	Horizontal
5	24162.00	-66.60	RMS	38.68	-27.76	-9.54	-95.23	27.25	-13.00	-53.60	Horizontal
6	27614.00	-61.11	RMS	39.74	-24.91	-9.54	-95.23	28.83	-13.00	-48.11	Horizontal



Site : 03CH12-HY
 Condition: -13 3m 9120D-02114-230731 Vertical
 : NR Band 77 90M Ch633000 1RB1 BPSK

Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol	
MHz	dBm			dB/m	dB	dB	dBuV	dBm	dB		
1	6903.00	-44.47	RMS	36.00	-21.31	0.90	-95.23	35.17	-13.00	-31.47	Vertical
2	10355.00	-37.87	RMS	39.09	-18.31	0.25	-95.23	36.33	-13.00	-24.87	Vertical
3	13807.00	-32.94	RMS	40.40	-13.14	0.45	-95.23	34.58	-13.00	-19.94	Vertical
4	20710.00	-68.97	RMS	37.98	-30.14	-9.54	-95.23	27.96	-13.00	-55.97	Vertical
5	24162.00	-66.37	RMS	38.68	-27.76	-9.54	-95.23	27.48	-13.00	-53.37	Vertical
6	27614.00	-61.01	RMS	39.74	-24.91	-9.54	-95.23	28.93	-13.00	-48.01	Vertical

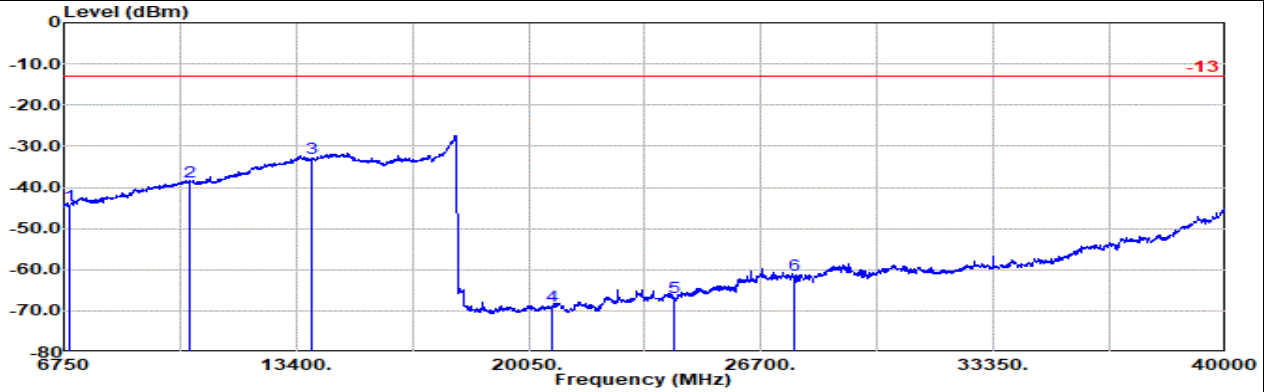


ANT 6+4

Part 27Q Mode 25

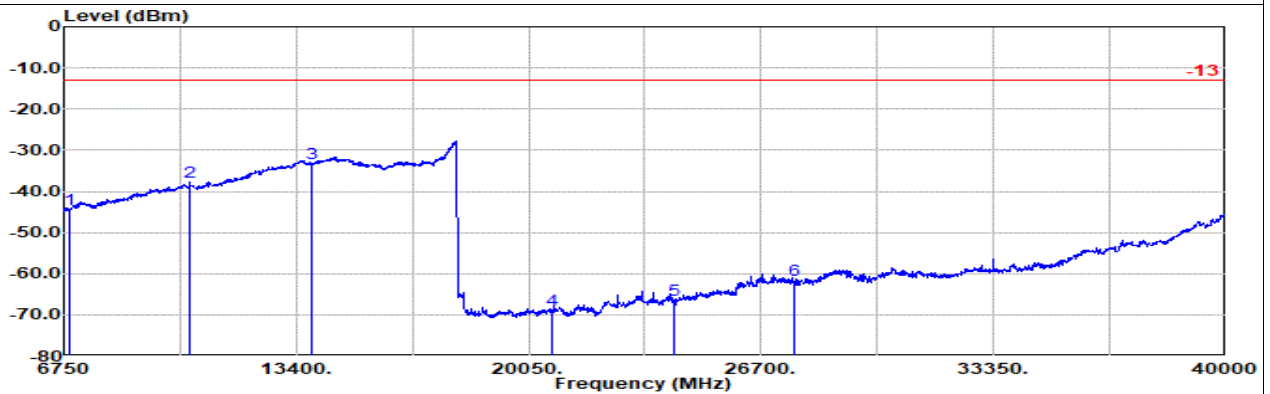
NR SA n77 90M Ch633334 1RB1 BPSK

M



Site : 03CH12-HY
 Condition: -13 3m 9120D-02114-230731 Horizontal
 : NR Band 77 90M Ch633334 1RB1 BPSK

1	2	3	4	5	6					
Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
6913.00	-44.26	RMS	36.00	-21.31	0.90	-95.23	35.38	-13.00	-31.26	Horizontal
10370.00	-38.61	RMS	39.06	-18.31	0.25	-95.23	35.62	-13.00	-25.61	Horizontal
13827.00	-32.99	RMS	40.40	-13.17	0.45	-95.23	34.56	-13.00	-19.99	Horizontal
20740.00	-68.94	RMS	37.98	-30.14	-9.54	-95.23	27.99	-13.00	-55.94	Horizontal
24197.00	-66.68	RMS	38.60	-27.70	-9.54	-95.23	27.19	-13.00	-53.68	Horizontal
27654.00	-61.33	RMS	39.61	-24.97	-9.54	-95.23	28.80	-13.00	-48.33	Horizontal



Site : 03CH12-HY
 Condition: -13 3m 9120D-02114-230731 Vertical
 : NR Band 77 90M Ch633334 1RB1 BPSK

1	2	3	4	5	6					
Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
6913.00	-44.24	RMS	36.00	-21.31	0.90	-95.23	35.40	-13.00	-31.24	Vertical
10370.00	-37.63	RMS	39.06	-18.31	0.25	-95.23	36.60	-13.00	-24.63	Vertical
13827.00	-33.09	RMS	40.40	-13.17	0.45	-95.23	34.46	-13.00	-20.09	Vertical
20740.00	-68.71	RMS	37.90	-30.17	-9.54	-95.23	28.33	-13.00	-55.71	Vertical
24197.00	-66.47	RMS	38.60	-27.69	-9.54	-95.23	27.39	-13.00	-53.47	Vertical
27654.00	-61.46	RMS	39.61	-24.97	-9.54	-95.23	28.67	-13.00	-48.46	Vertical