



FCC RADIO TEST REPORT

FCC ID : XMR2023RM520NGLM
Equipment : 5G Sub-6 GHz M.2 Module
Brand Name : Quectel
Model Name : RM520N-GL
Applicant : Quectel Wireless Solutions Co., Ltd.
Building 5, Shanghai Business Park Phase III (Area B), No.1016
Tianlin Road, Minhang District, Shanghai, China, 200233
Manufacturer : LCFC (HeFei) Electronics Technology Co., Ltd.
No. 3188-1, Yungu Road (Hefei Export Processing Zone), Hefei
Economics & Technology Development Area, Anhui, CHINA
Standard : FCC 47 CFR Part 2, 22(H), 24(E), 27, Part 90(R), Part 90(S)

Equipment: Quectel RM520N-GL tested inside of Lenovo Notebook Computer.

The product was received on Oct. 13, 2023 and testing was performed from Oct. 18, 2023 to Jan. 02, 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 partial 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



Table of Contents

History of this test report.....	3
Summary of Test Result.....	4
1 General Description	7
1.1 Product Feature of Equipment Under Test.....	7
1.2 Product Specification of Equipment Under Test.....	9
1.3 Modification of EUT	11
1.4 Testing Location	11
1.5 Applicable Standards.....	11
2 Test Configuration of Equipment Under Test	12
2.1 Test Mode.....	12
2.2 Connection Diagram of Test System.....	13
2.3 Support Unit used in test configuration and system	13
2.4 Frequency List of Low/Middle/High Channels	14
3 Conducted Test Items.....	25
3.1 Measuring Instruments	25
3.2 Conducted Output Power and ERP/EIRP	26
4 Radiated Test Items	27
4.1 Measuring Instruments	27
4.2 Radiated Spurious Emission Measurement	29
5 List of Measuring Equipment.....	30
6 Measurement Uncertainty	31
Appendix A. Test Results of Conducted Test	
Appendix B. Test Results of Radiated Test	
Appendix C. Test Setup Photographs	



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.2	§2.1046	Conducted Output Power	Reporting only	-
	§22.913 (a)(5) §90.635	Effective Radiated Power (n5) (n26)	Pass	
	§27.50 (b)(10) §27.50 (c)(10)	Effective Radiated Power (n12) (n13) (n71)		
	§24.232 (c) §27.50 (h)(2)	Equivalent Isotropic Radiated Power (n2) (n25) (n7) (n38) (n41)		
	§27.50 (d)(4)	Equivalent Isotropic Radiated Power (n66)		
	§27.50 (a)(3)	Effective Isotropic Radiated Power (n30)		
	§90.542 (a)(7)	Effective Radiated Power (n14)		
	§27.50 (j)(3)	Equivalent Isotropic Radiated Power (n77) (n78)		
	§27.50 (k)(3)	Equivalent Isotropic Radiated Power (n77) (n78)		
-	§24.232 (d) §27.50 (d)(5) §27.50 (j)(4) §27.50 (k)(4)	Peak-to-Average Ratio	-	See Note
-	§2.1049	Occupied Bandwidth	-	See Note
-	§2.1051 §22.917 (a) §24.238 (a) §27.53 (c)(2)(4) §27.53 (g) §27.53 (h)	Conducted Band Edge Measurement (n2) (n5) (n12) (n13) (n25) (n26) (n66) (n71)	-	See Note
	§2.1051 §27.53 (m)(4)	Conducted Band Edge Measurement (n7) (n38) (n41)		
	§2.1051 §27.53 (a)(4)	Conducted Band Edge Measurement (n30)		
	§2.1051 §90.543 (e)(2)	Conducted Band Edge Measurement (n14)		
	§2.1051 §27.53 (l)(2)	Conducted Band Edge Measurement (n77) (n78)		
	§2.1051 §27.53 (n)(2)	Conducted Band Edge Measurement (n77) (n78)		
-	§2.1051 §90.210 (n)	Emission Mask (n14)	-	See Note
	§2.1051 §90.691	Emission masks (n26)		



Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
-	§2.1051 §22.917 (a) §24.238 (a) §27.53 (c)(2) §27.53 (g) §27.53 (h)§90.691	Conducted Spurious Emission (n2) (n5) (n12) (n13) (n25) (n26) (n66) (n71)	-	See Note
	§2.1051 §27.53 (m)(4)	Conducted Spurious Emission (n7) (n38) (n41)		
	§2.1051 §27.53 (a)(4)	Conducted Spurious Emission (n30)		
	§2.1051 §90.543 (e)(3)	Conducted Spurious Emission (n14)		
	§2.1051 §27.53 (l)(2)	Conducted Spurious Emission (n77) (n78)		
	§2.1051 §27.53 (n)(2)	Conducted Spurious Emission (n77)		
-	§2.1055 §22.355 §24.235 §27.54 §90.539 (e) §90.691	Frequency Stability Temperature & Voltage	-	See Note



Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
4.2	§2.1053 §22.917 (a) §24.238 (a) §27.53 (c)(2) §27.53 (f) §27.53 (g) §27.53 (h) §90.691	Radiated Spurious Emission (n2) (n5) (n12) (n13) (n25) (n26) (n66) (n71)	Pass	17.42 dB under the limit at 9232.00 MHz
	§2.1051 §27.53 (m)(4)	Radiated Spurious Emission (n7) (n38) (n41)		
	§2.1053 §27.53 (a)(4)	Radiated Spurious Emission (n30)		
	§2.1053 §90.543 (e)(3) §90.543 (f)	Radiated Spurious Emission (n14)		
	§2.1051 §27.53 (l)(2)	Radiated Spurious Emission (n77) (n78)		
	§2.1053 §27.53 (n)(2)	Radiated Spurious Emission (n77) (n78)		

Remark:

- For host device, Radiated Spurious Emission, Effective Radiated Power and Equivalent Isotropic Radiated Power are verified and comply with the limit in this test report.
- For host device, the Conducted Output Power is no difference after compared to module (Model: RM520N-GL)

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/manufacturer 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: Sheng Kuo

Report Producer: Clio Lo



1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	5G Sub-6 GHz M.2 Module
Brand Name	Quectel
Model Name	RM520N-GL
FCC ID	XMR2023RM520NGLM
Sample 1	EUT with Host 1
Sample 2	EUT with Host 2
EUT supports Radios application	WCDMA/HSPA/LTE/5G NR/GNSS
EUT Stage	Production Unit

Remark:

1. The above EUT's information was declared by manufacturer.
2. Equipment: Quectel RM520N-GL tested inside of Lenovo Notebook Computer.

The product was installed into Notebook Computer (Brand Name: Lenovo, Model Name: TP00151A) during test, and the host information was recorded in the following table.

Host Information	
Host 1	Host with Amphenol Antenna
Host 2	Host with SPEED Antenna

Support band and evaluated information	
Supported band	n2, n5, n7, n12, n13, n14, n25, n26, n30, n38, n41, n66, n71, n77, n78
Evaluated and Tested band	n2, n5, n7, n12, n13, n14, n25, n26, n30, n38, n41, n66, n71, n77, n78
Band covered information	Wider operating frequency band range covers narrower one when the power is worse as follows: <ul style="list-style-type: none"> ■ n26 cover n5 (Part 22) ■ n25 cover n2 (Part 24) ■ n41 cover n38 (Part 27)
Main Antenna	n2, n5, n7, n12, n13, n14, n25, n26, n30, n38, n41, n66, n71, n77, n78
MIMO2 Antenna	n38, n41, n77, n78

TDD band Power Class		
	PC3	PC2
n38	V	-
n41	V	V
n77	V	V
n78	V	V



WWAN Antenna Information for Host				
Main Antenna	Manufacturer	Amphenol	Peak gain (dBi)	5G NR n2: 0.79 5G NR n5: -0.35 5G NR n7: 1.77 5G NR n12: -1.19 5G NR n13: -0.22 5G NR n14: -0.05 5G NR n25: 0.65 5G NR n26 : -0.01 5G NR n30: 0.97 5G NR n38: 2.00 5G NR n41: 1.83 5G NR n66: 1.15 5G NR n71: -1.39 5G NR n77: 0.94 5G NR n78: 0.91
	Part number	TKF113-16-000-R	Type	PIFA
	Manufacturer	SPEED	Peak gain (dBi)	5G NR n2: 0.83 5G NR n5: -0.43 5G NR n7: 1.75 5G NR n12: -1.19 5G NR n13: -0.13 5G NR n14: 0.00 5G NR n25: 0.61 5G NR n26 : -0.11 5G NR n30: 0.96 5G NR n38: 1.93 5G NR n41: 1.78 5G NR n66: 1.28 5G NR n71: -1.38 5G NR n77: 0.97 5G NR n78: 0.84
	Part number	F-0G-JV-0228-001-00	Type	PIFA
	Manufacturer	Amphenol	Peak gain (dBi)	5G NR n38: 1.52 5G NR n41: 0.62 5G NR n77: -0.12 5G NR n78: -0.12
	Part number	TKF114-16-000-R	Type	PIFA
MIMO 2 Antenna	Manufacturer	SPEED	Peak gain (dBi)	5G NR n38: 1.64 5G NR n41: 0.71 5G NR n77: -0.06 5G NR n78: -0.06
	Part number	F-0G-JV-0228-002-00	Type	PIFA

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



1.2 Product Specification of Equipment Under Test

Product Specification is subject to this standard	
Tx Frequency	5G NR n2: 1852.5 MHz ~ 1907.5 MHz 5G NR n5: 826.5 MHz ~ 846.5 MHz 5G NR n7: 2502.5 MHz ~ 2567.5 MHz 5G NR n12: 701.5 MHz ~ 713.5 MHz 5G NR n13: 779.5 MHz ~ 784.5 MHz 5G NR n14: 790.5 ~ 795.5 MHz 5G NR n25: 1852.5 MHz ~ 1912.5 MHz 5G NR n26 (Part22H): 826.5 MHz ~ 846.5 MHz 5G NR n26 (Part90S): 816.5 MHz ~ 821.5 MHz 5G NR n30: 2307.5 MHz ~ 2312.5 MHz 5G NR n38: 2575 MHz ~ 2615 MHz 5G NR n41: 2506.02 MHz ~ 2685.00 MHz 5G NR n66: 1712.5 MHz ~ 1777.5 MHz 5G NR n71: 665.5 MHz ~ 695.5 MHz 5G NR n77 (Part27O): 3705 MHz ~ 3975 MHz 5G NR n78 (Part27O): 3705 MHz ~ 3795 MHz 5G NR n77 (Part27Q): 3455.01 MHz ~ 3544.98 MHz 5G NR n78 (Part27Q): 3455.01 MHz ~ 3544.98 MHz
Rx Frequency	5G NR n2: 1932.5 MHz ~ 1987.5 MHz 5G NR n5: 871.5 MHz ~ 891.5 MHz 5G NR n7: 2622.5 MHz ~ 2687.5 MHz 5G NR n12: 731.5 MHz ~ 743.5 MHz 5G NR n13: 748.5 MHz ~ 753.5 MHz 5G NR n14: 760.5 ~ 765.5 MHz 5G NR n25: 1932.5 MHz ~ 1992.5 MHz 5G NR n26 (Part22H): 861.5 MHz ~ 891.5 MHz 5G NR n26 (Part90S): 861.5 MHz ~ 866.5 MHz 5G NR n30: 2352.5 MHz ~ 2357.5 MHz 5G NR n38: 2575 MHz ~ 2615 MHz 5G NR n41: 2506.02 MHz ~ 2685.00 MHz 5G NR n66: 2112.5 MHz ~ 2197.5 MHz 5G NR n71: 619.5 MHz ~ 649.5 MHz 5G NR n77 (Part27O): 3705 MHz ~ 3975 MHz 5G NR n78 (Part27O): 3705 MHz ~ 3795 MHz 5G NR n77 (Part27Q): 3455.01 MHz ~ 3544.98 MHz 5G NR n78 (Part27Q): 3455.01 MHz ~ 3544.98 MHz



Product Specification is subject to this standard	
Bandwidth	5G NR n2: 5MHz / 10MHz / 15MHz / 20MHz 5G NR n5: 5MHz / 10MHz / 15MHz / 20MHz 5G NR n7: 5MHz / 10MHz / 15MHz / 20MHz / 25MHz / 30MHz / 40MHz 5G NR n12: 5MHz / 10MHz / 15MHz 5G NR n13: 5MHz / 10MHz 5G NR n14: 5MHz / 10MHz 5G NR n25: 5MHz / 10MHz / 15MHz / 20MHz / 25MHz / 30MHz / 40MHz 5G NR n26: 5MHz / 10MHz / 15MHz / 20MHz 5G NR n30: 5MHz / 10MHz 5G NR n38: 10MHz / 15MHz / 20MHz / 30MHz / 40MHz 5G NR n41: 20MHz / 30MHz / 40MHz / 50MHz / 60MHz / 70MHz / 80MHz / 90MHz / 100MHz 5G NR n66: 5MHz / 10MHz / 15MHz / 20MHz / 30MHz / 40MHz 5G NR n71: 5MHz / 10MHz / 15MHz / 20MHz 5G NR n77: 10MHz / 15MHz / 20MHz / 30MHz / 40MHz / 50MHz / 60MHz / 70MHz / 80MHz / 90MHz / 100MHz 5G NR n78: 10MHz / 15MHz / 20MHz / 30MHz / 40MHz / 50MHz / 60MHz / 70MHz / 80MHz / 90MHz / 100MHz
Maximum Output Power to Antenna	<SISO Mode> <Main Antenna> 5G NR n2: 23.94 dBm 5G NR n5: 24.41 dBm 5G NR n7: 24.56 dBm 5G NR n12: 24.48 dBm 5G NR n13: 24.17 dBm 5G NR n14: 24.26 dBm 5G NR n25: 24.03 dBm 5G NR n26 : 24.42 dBm for Part22H 5G NR n26 : 24.13 dBm for Part90S 5G NR n30: 21.85 dBm 5G NR n38: 24.94 dBm 5G NR n41: 27.00 dBm for HPUE 5G NR n66: 24.52 dBm 5G NR n71: 24.40 dBm <MIMO2 Antenna> 5G NR n77: 26.47 dBm for Part27O HPUE 5G NR n78: 26.42 dBm for Part27O HPUE 5G NR n77: 27.01 dBm for Part27Q HPUE 5G NR n78: 27.03 dBm for Part27Q HPUE <MIMO Mode> <Main/MIMO2 Antenna> 5G NR n38: 23.85 dBm 5G NR n41: 25.45 dBm for HPUE 5G NR n77: 25.34 dBm for Part27O HPUE 5G NR n78: 25.42 dBm for Part27O HPUE 5G NR n77: 25.60 dBm for Part27Q HPUE 5G NR n78: 25.51 dBm for Part27Q HPUE
Type of Modulation	PI/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM



1.3 Modification of EUT

No modifications made to the EUT during the testing.

1.4 Testing Location

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333
Test Site No.	Sporton Site No.
	TH03-HY
Test Engineer	Jimmy Chang
Temperature (°C)	19.6~23.4
Relative Humidity (%)	49.8~58.6

Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010
Test Site No.	Sporton Site No.
	03CH16HY (TAF Code: 3786)
Test Engineer	Jack Tsai, Gary Guo and Steven Wu
Temperature (°C)	19.1~22.3
Relative Humidity (%)	62.5~68.3
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

1.5 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, 22(H), 24(E), 27, Part 90(R), Part 90(S)
- ♦ 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.
- ♦ FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

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.

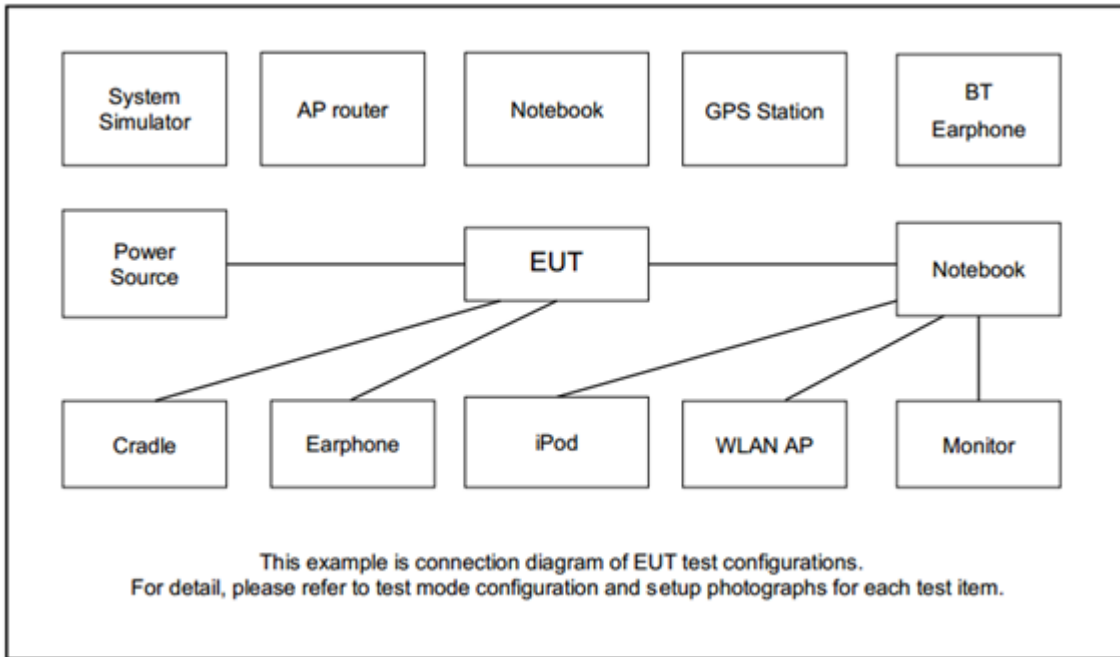
Modulation Type	Modulation	Modulation Type	Modulation
A	DFT-s-OFDM pi/2 BPSK	N/A	N/A
B	DFT-s-OFDM QPSK	F	CP-OFDM QPSK
C	DFT-s-OFDM 16QAM	G	CP-OFDM 16QAM
D	DFT-s-OFDM 64QAM	H	CP-OFDM 64QAM
E	DFT-s-OFDM 256QAM	I	CP-OFDM 256QAM

Test Item	Modulation Type	Bandwidth	RB Size	Channel
Conducted Power	A, B, C, F, G	All	1RB	L, M, H
ERP/EIRP	A, B, C, F, G	All	1RB	L, M, H
RSE	A	20 MHz 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. During the RSE preliminary test, the standalone mode and charging modes were verified. It is determined that the charging modes is the worst case for the official test.
4. For 5G NR EN-DC combination is EN-DC 13A_n66A, EN-DC 5A_n2A, EN-DC 14A_n2A, EN-DC 30A_n2A, EN-DC 2A_n5A, EN-DC 30A_n5A, EN-DC 66A_n5A, EN-DC 2A_n12A, EN-DC 66A_n12A, EN-DC 2A_n66A, EN-DC 5A_n66A, EN-DC 12A_n66A, EN-DC 14A_n66A, EN-DC 30A_n66A, EN-DC 12A_n2A, EN-DC 66A_n2A, EN-DC 71A_2A, EN-DC12A_n41A, EN-DC 71A_n66A, EN-DC 2A_n71A, EN-DC 66A_n71A, EN-DC 66A_n25A, EN-DC 25A_n41A, EN-DC 12A_n78A, EN-DC13A_n78A, EN-DC 25A_n78A, EN-DC 12A_n77A, EN-DC 13A_n77A, EN-DC 14A_n77A, EN-DC 26A_n78A, EN-DC 2A_n78A, EN-DC 26A_n41A, EN-DC EN-DC 2A_n41A, EN-DC 7A_n5A, EN-DC 38A_n78A, EN-DC 7A_n71A, EN-DC 41A_n78A, EN-DC 5A_n7A, EN-DC 12A_n7A, EN-DC 66A_n7A, EN-DC 13A_n2A, EN-DC 7A_n66A, EN-DC 4A_n78A, EN-DC 20A_n77A, EN-DC 5A_n78A, EN-DC 4A_n41A, EN-DC 66A_n38A, EN-DC 2A_n38A, EN-DC 12A_n38A, EN-DC 4A_n38A, EN-DC5A_n38A, EN-DC 66A_n78A, EN-DC 12A_n25A, EN-DC 25A_n77A, EN-DC 2A_n77A, EN-DC 71A_n78A, EN-DC 71A_n38A, EN-DC 13A_n7A, EN-DC 5A_n41A, EN-DC 66A_41A, EN-DC 2A_n7A, EN-DC 7A_n2A, EN-DC 5A_n40A, EN-DC 30A_n77A, EN-DC 41A_n77A, EN-DC 7A_n78A, EN-DC 66A_n28A, EN-DC 71A_n41A, EN-DC 28A_n66A, EN-DC 30A_n12A, EN-DC 2A_n14A, EN-DC 30A_n14A, EN-DC 66A_n14A, EN-DC 2A_n30A, EN-DC 5A_n30A, EN-DC 12A_n30A, EN-DC 14A_n30A, EN-DC 66A_n30A, EN-DC 71A_n7A, EN-DC 7A_n12A, EN-DC 5A_n77A, EN-DC 66A_n77A, EN-DC 71A_n77A, EN-DC 4A_n2A, EN-DC 7A_n25A, EN-DC 71A_n25A, EN-DC 5A_n25A, EN-DC 26A_n25A, EN-DC 4A_n7A, EN-DC 13A_n25A and EN-DC 7A_n77A.
5. For 5G NR UL CA combination is n25A-n41A, n41A-n66A, n41A-n71A, n7A-n78A, n5A-n78A, n66A-n78A, n7A-n77A, n2A-n77A, n5A-n77A, n66A-n77A, n30A-n77A, n71A-n77A, n71A-n78A, n25A-n78A, n38A-n66A, n25A-n77A, n25A-n38A, n13A-n77A and n2A-n41A.

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.	System Simulator	Anritsu	MT8821C	N/A	N/A	Unshielded, 1.8 m
3.	Earphone	Lenovo	N/A	N/A	N/A	Unshielded, 1.5 m



2.4 Frequency List of Low/Middle/High Channels

5G NR n2 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	372000	376000	380000
	Frequency	1860	1880	1900
15	Channel	371500	376000	380500
	Frequency	1857.5	1880	1902.5
10	Channel	371000	376000	381000
	Frequency	1855	1880	1905
5	Channel	370500	376000	381500
	Frequency	1852.5	1880	1907.5

5G NR n5 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	166800	167300	167800
	Frequency	834	836.5	839
15	Channel	166300	167300	168300
	Frequency	831.5	836.5	841.5
10	Channel	165800	167300	168800
	Frequency	829	836.5	844
5	Channel	165300	167300	169300
	Frequency	826.5	836.5	846.5



5G NR n7 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
40	Channel	504000	507000	510000
	Frequency	2520	2535	2550
30	Channel	503000	507000	511000
	Frequency	2515	2535	2555
25	Channel	502500	507000	511500
	Frequency	2512.5	2535	2557.5
20	Channel	502000	507000	512000
	Frequency	2510	2535	2560
15	Channel	501500	507000	512500
	Frequency	2507.5	2535	2562.5
10	Channel	501000	507000	513000
	Frequency	2505	2535	2565
5	Channel	500500	507000	513500
	Frequency	2502.5	2535	2567.5



5G NR n12 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
15	Channel	141300	141500	141700
	Frequency	706.5	707.5	708.5
10	Channel	140800	141500	142200
	Frequency	704	707.5	711
5	Channel	140300	141500	142700
	Frequency	701.5	707.5	713.5

5G NR n13 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	-	156400	-
	Frequency	-	782	-
5	Channel	155900	156400	156900
	Frequency	779.5	782	784.5

5G NR n14 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	-	158600	-
	Frequency	-	793	-
5	Channel	158100	158600	159100
	Frequency	790.5	793	795.5



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

Part22H 5G NR n26 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	166800	167300	167800
	Frequency	834	836.5	839
15	Channel	166300	167300	168300
	Frequency	831.5	836.5	841.5
10	Channel	165800	167300	168800
	Frequency	829	836.5	844
5	Channel	165300	167300	169300
	Frequency	826.5	836.5	846.5



Part 90S 5G NR n26 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	-	163800	-
	Frequency	-	819	-
5	Channel	163300	163800	164300
	Frequency	816.5	819	821.5

Part 90S 5G NR n26 Straddle Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	-	164800	-
	Frequency	-	824	-
15	Channel	-	164800	-
	Frequency	-	824	-
10	Channel	-	164800	-
	Frequency	-	824	-
5	Channel	-	164800	-
	Frequency	-	824	-

5G NR n30 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	-	27710	-
	Frequency	-	2310	-
5	Channel	27685	27710	27735
	Frequency	2307.5	2310	2312.5



5G NR n38 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
40	Channel	518000	519000	520000
	Frequency	2590	2595	2600
30	Channel	517000	519000	521000
	Frequency	2585	2595	2605
20	Channel	516000	519000	522000
	Frequency	2580	2595	2610
15	Channel	515500	519000	522500
	Frequency	2577.5	2595	2612.5
10	Channel	515000	519000	523000
	Frequency	2575	2595	2615

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	506200	518598	531000
	Frequency	2531	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



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
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 n78 (Part270) Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
100	Channel	-	650000	-
	Frequency	-	3750	-
90	Channel	649668	650000	650332
	Frequency	3745.02	3750	3754.98
80	Channel	649334	650000	650666
	Frequency	3740.01	3750	3759.99
70	Channel	649000	650000	651000
	Frequency	3735	6750	3765
60	Channel	648668	650000	651332
	Frequency	3730.02	3750	3769.98
50	Channel	648334	650000	651666
	Frequency	3725.01	3750	3774.99
40	Channel	648000	650000	652000
	Frequency	3720	3750	3780
30	Channel	647668	650000	652332
	Frequency	3715.02	3750	3784.98
20	Channel	647334	650000	652666
	Frequency	3710.01	3750	3789.99
15	Channel	647168	650000	652832
	Frequency	3707.52	3750	3792.48
10	Channel	647000	650000	653000
	Frequency	3705	3750	3795



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



5G NR n78 (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

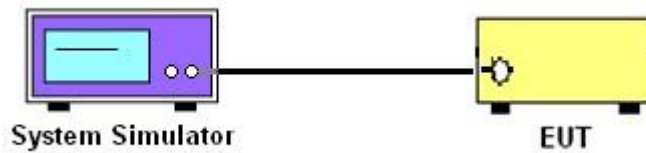
3 Conducted Test Items

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 7 Watts for 5G NR n5, n26 (Part 22H)

The Conducted Power of mobile transmitters must not exceed 100 Watts for 5G NR n26 (Part 90S)

The ERP of mobile transmitters must not exceed 3 Watts for 5G NR n12, n13, n14, n71

The EIRP of mobile transmitters must not exceed 2 Watts for 5G NR n2, n25, n7, n38, n41

The EIRP of mobile transmitters must not exceed 1 Watts for 5G NR n66, n77, n78

The EIRP of mobile transmitters must not exceed 250mW/5MHz for 5G NR n30

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.

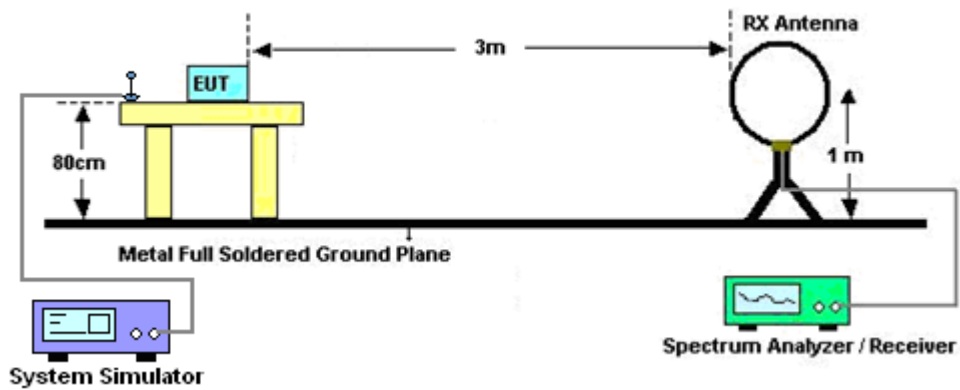
4 Radiated Test Items

4.1 Measuring Instruments

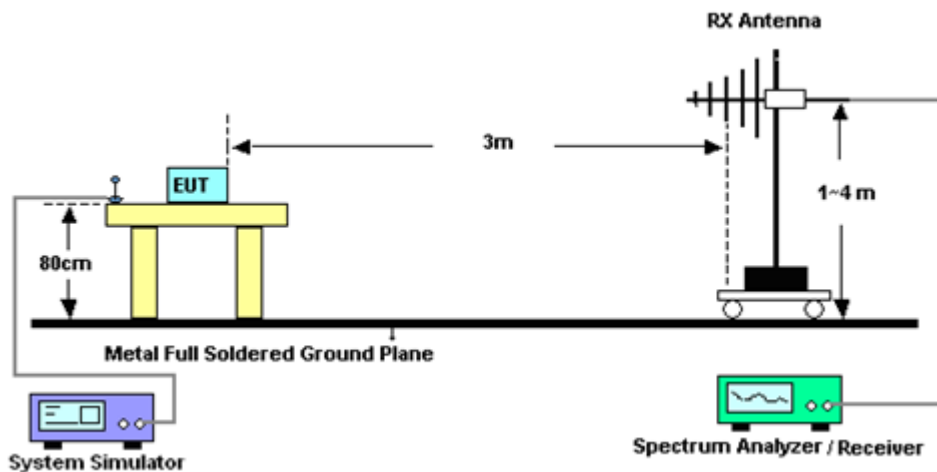
See list of measuring instruments of this test report.

4.1.1 Test Setup

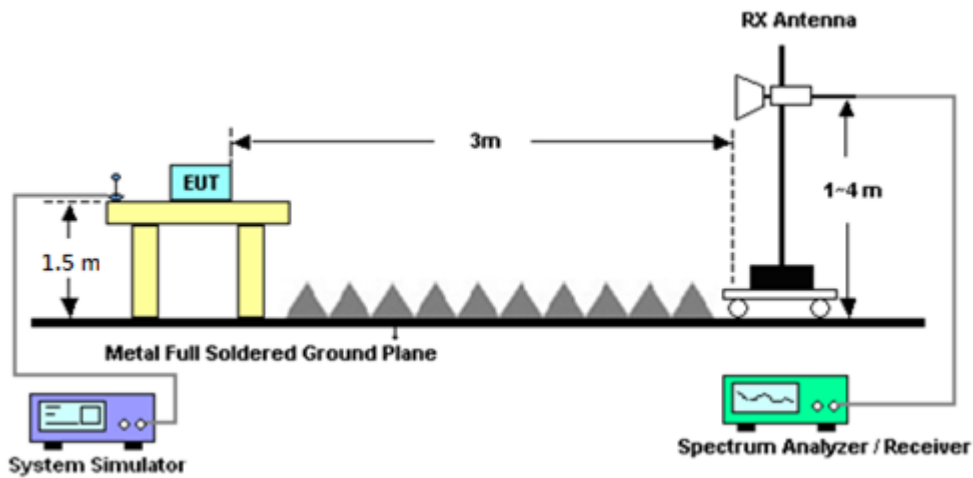
For radiated test below 30MHz



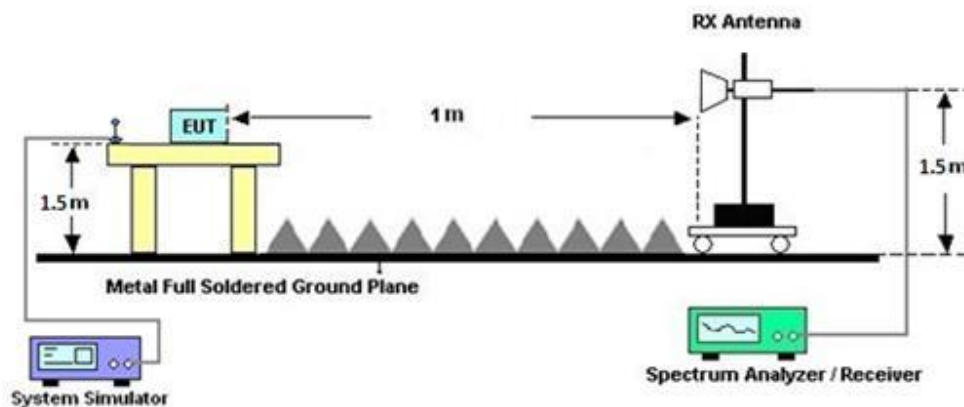
For radiated test from 30MHz to 1GHz



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.

For 5G NR n13

For operations in the 746-758 MHz, 775-788 MHz, and 805-806 MHz bands, emissions in the band 1559-1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth.

For 5G NR n30

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 $70 + 10 \log (P)$ 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)
 $EIRP(dBm) = Level (dBuV/m) + 20\log(d) - 104.77$, 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.

The limit line is derived from $43 + 10\log(P)$ dB below the transmitter power P(Watts)



5 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Sep. 12, 2023	Dec. 06, 2023~ Dec. 15, 2023	Sep. 11, 2024	Radiation (03CH16-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA9170	1223	18GHz~40GHz	Jul. 10, 2023	Dec. 06, 2023~ Dec. 15, 2023	Jul. 09, 2024	Radiation (03CH16-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY57290111	3Hz~26.5GHz	Dec. 04, 2023	Dec. 06, 2023~ Dec. 15, 2023	Dec. 03, 2024	Radiation (03CH16-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00802N1D01N-06	47020 & 06	30MHz to 1GHz	Oct. 07, 2023	Dec. 06, 2023~ Dec. 15, 2023	Oct. 06, 2024	Radiation (03CH16-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1522	1G~18GHz	Mar. 23, 2023	Dec. 06, 2023~ Dec. 15, 2023	Mar. 22, 2024	Radiation (03CH16-HY)
Amplifier	SONOMA	310N	371607	9kHz~1GHz	Jul. 03, 2023	Dec. 06, 2023~ Dec. 15, 2023	Jul. 02, 2024	Radiation (03CH16-HY)
Preamplifier	Keysight	83017A	MY53270264	1GHz~26.5GHz	Dec. 09, 2022	Dec. 06, 2023~ Dec. 07, 2023	Dec. 08, 2023	Radiation (03CH16-HY)
Preamplifier	Keysight	83017A	MY53270264	1GHz~26.5GHz	Dec. 07, 2023	Dec. 07, 2023~ Dec. 15, 2023	Dec. 06, 2024	Radiation (03CH16-HY)
Preamplifier	EMEC	EM1G18G	060812	1GHz~18GHz	Dec. 26, 2022	Dec. 06, 2023~ Dec. 15, 2023	Dec. 25, 2023	Radiation (03CH16-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	Jun. 27, 2023	Dec. 06, 2023~ Dec. 15, 2023	Jun. 26, 2024	Radiation (03CH16-HY)
Filter	Wainwright	WLK4-1000-1530- 8000-40SS	SN17	1.53GHz Low Pass Filter	Jan. 17, 2023	Dec. 06, 2023~ Dec. 15, 2023	Jan. 16, 2024	Radiation (03CH16-HY)
Filter	Wainwright	WHKX12-2700-30 00-18000-60ST	SN3	3GHz High Pass Filter	Jun. 29, 2023	Dec. 06, 2023~ Dec. 15, 2023	Jun. 28, 2024	Radiation (03CH16-HY)
Filter	Wainwright	WHKX8-5872.5-6 750-18000-40ST	SN27	6.75GHz High Pass Filter	Nov. 13, 2023	Dec. 06, 2023~ Dec. 15, 2023	Nov. 12, 2024	Radiation (03CH16-HY)
Filter	Wainwright	WRCQV14-5425- 5825-6525-6925-6 0SS	SN1	N/A	Jan. 07, 2023	Dec. 06, 2023~ Dec. 15, 2023	Jan. 06, 2024	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9K~30M	Mar. 07, 2023	Dec. 06, 2023~ Dec. 15, 2023	Mar. 06, 2024	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102/SUCOFLEX 104	EC-A5-300-57 57,805935/4,8 02434/4	30MHz~18GHz	Aug. 08, 2023	Dec. 06, 2023~ Dec. 15, 2023	Aug. 07, 2024	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804011/2,804 012/2	18-40GHz	Jan. 03, 2023	Dec. 06, 2023~ Dec. 15, 2023	Jan. 02, 2024	Radiation (03CH16-HY)
Software	Audix	E3 6.2009-8-24	RK-001136	N/A	N/A	Dec. 06, 2023~ Dec. 15, 2023	N/A	Radiation (03CH16-HY)
Controller	ChainTek	3000-1	N/A	Control Turn table & Ant Mast	N/A	Dec. 06, 2023~ Dec. 15, 2023	N/A	Radiation (03CH16-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Dec. 06, 2023~ Dec. 15, 2023	N/A	Radiation (03CH16-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Dec. 06, 2023~ Dec. 15, 2023	N/A	Radiation (03CH16-HY)
Base Station (Measure)	Anritsu	MT8821C	6262116730	LTE	Jul. 10, 2023	Oct. 18, 2023~ Jan. 02, 2024	Jul. 09, 2024	Conducted (TH03-HY)
Base Station (Measure)	Anritsu	MT8000A	6262134933	FR1	Jul. 10, 2023	Oct. 18, 2023~ Jan. 02, 2024	Jul. 09, 2024	Conducted (TH03-HY)



6 Measurement Uncertainty

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.09 dB
---	---------

Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.55 dB
---	---------

Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.02 dB
---	---------



Appendix A. Test Results of Conducted Test

Conducted Output Power(Average power) and ERP/EIRP

NR n2 Maximum Average Power [dBm] (GT - LC = 0.83 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
5	1	1	PI/2 BPSK	23.70	23.80	23.63	24.63	0.2904
5	1	1	QPSK	23.73	23.80	23.78		
5	1	1	16-QAM	22.67	22.70	22.70	23.53	0.2254
Limit	EIRP < 2W			Result			Pass	

NR n2 Maximum Average Power [dBm] (GT - LC = 0.83 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	23.80	23.80	23.68	24.69	0.2944
10	1	1	QPSK	23.80	23.86	23.82		
10	1	1	16-QAM	22.72	22.72	22.70	23.55	0.2265
Limit	EIRP < 2W			Result			Pass	

NR n2 Maximum Average Power [dBm] (GT - LC = 0.83 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	23.94	23.82	23.87	24.77	0.2999
15	1	1	QPSK	23.90	23.92	23.91		
15	1	1	16-QAM	22.90	22.83	22.83	23.73	0.2360
Limit	EIRP < 2W			Result			Pass	

NR n2 Maximum Average Power [dBm] (GT - LC = 0.83 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	23.90	23.82	23.90	24.74	0.2979
20	1	1	QPSK	23.90	23.91	23.90		
20	1	1	16-QAM	22.82	22.85	22.80	23.68	0.2333
Limit	EIRP < 2W			Result			Pass	



NR n5 Maximum Average Power [dBm] (GT - LC = -0.35 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
5	1	1	PI/2 BPSK	24.18	24.40	24.40	21.90	0.1549
5	1	1	QPSK	24.20	24.38	24.40		
5	1	1	16-QAM	23.17	23.30	23.40	20.90	0.1230
Limit	ERP < 7W			Result			Pass	

NR n5 Maximum Average Power [dBm] (GT - LC = -0.35 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
10	1	1	PI/2 BPSK	24.02	24.06	24.41	21.91	0.1552
10	1	1	QPSK	24.11	24.15	24.40		
10	1	1	16-QAM	23.05	23.05	23.41	20.91	0.1233
Limit	ERP < 7W			Result			Pass	

NR n5 Maximum Average Power [dBm] (GT - LC = -0.35 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
15	1	1	PI/2 BPSK	24.27	24.25	24.37	21.90	0.1549
15	1	1	QPSK	24.28	24.28	24.40		
15	1	1	16-QAM	23.27	23.18	23.35	20.85	0.1216
Limit	ERP < 7W			Result			Pass	

NR n5 Maximum Average Power [dBm] (GT - LC = -0.35 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
20	1	1	PI/2 BPSK	24.25	24.20	24.20	21.80	0.1514
20	1	1	QPSK	24.30	24.25	24.27		
20	1	1	16-QAM	23.22	23.21	23.15	20.72	0.1180
Limit	ERP < 7W			Result			Pass	



NR n7 Maximum Average Power [dBm] (GT - LC = 1.77 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
5	1	1	PI/2 BPSK	24.38	24.34	24.19	26.15	0.4121
5	1	1	QPSK	24.36	24.37	24.20		
5	1	1	16-QAM	23.15	23.12	22.93	24.92	0.3105
Limit	EIRP < 2W			Result			Pass	

NR n7 Maximum Average Power [dBm] (GT - LC = 1.77 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	24.26	24.34	24.25	26.12	0.4093
10	1	1	QPSK	24.23	24.35	24.25		
10	1	1	16-QAM	23.09	23.19	23.04	24.96	0.3133
Limit	EIRP < 2W			Result			Pass	

NR n7 Maximum Average Power [dBm] (GT - LC = 1.77 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	24.40	24.46	24.37	26.27	0.4236
15	1	1	QPSK	24.37	24.50	24.50		
15	1	1	16-QAM	23.30	23.29	23.27	25.07	0.3214
Limit	EIRP < 2W			Result			Pass	

NR n7 Maximum Average Power [dBm] (GT - LC = 1.77 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	24.47	24.45	24.42	26.26	0.4227
20	1	1	QPSK	24.49	24.49	24.42		
20	1	1	16-QAM	23.28	23.31	23.30	25.08	0.3221
Limit	EIRP < 2W			Result			Pass	

NR n7 Maximum Average Power [dBm] (GT - LC = 1.77 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
25	1	1	PI/2 BPSK	24.47	24.43	24.49	26.26	0.4227
25	1	1	QPSK	24.49	24.46	24.38		
25	1	1	16-QAM	23.31	23.27	23.37	25.14	0.3266
Limit	EIRP < 2W			Result			Pass	

NR n7 Maximum Average Power [dBm] (GT - LC = 1.77 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
30	1	1	PI/2 BPSK	24.40	24.49	24.48	26.27	0.4236
30	1	1	QPSK	24.50	24.49	24.48		
30	1	1	16-QAM	23.40	23.27	23.29	25.17	0.3289
Limit	EIRP < 2W			Result			Pass	

NR n7 Maximum Average Power [dBm] (GT - LC = 1.77 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	24.51	24.37	24.50	26.33	0.4295
40	1	1	QPSK	24.54	24.49	24.56		
40	1	1	16-QAM	23.37	23.39	23.36	25.16	0.3281
Limit	EIRP < 2W			Result			Pass	



NR n12 Maximum Average Power [dBm] (GT - LC = -1.19 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
5	1	1	PI/2 BPSK	24.25	24.33	24.21	20.99	0.1256
5	1	1	QPSK	24.28	24.26	24.14		
5	1	1	16-QAM	23.24	23.23	23.19	19.90	0.0977
Limit	ERP < 3W			Result			Pass	

NR n12 Maximum Average Power [dBm] (GT - LC = -1.19 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
10	1	1	PI/2 BPSK	24.22	24.27	24.28	20.94	0.1242
10	1	1	QPSK	24.23	24.28	24.28		
10	1	1	16-QAM	23.27	23.20	23.21	19.93	0.0984
Limit	ERP < 3W			Result			Pass	

NR n12 Maximum Average Power [dBm] (GT - LC = -1.19 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
15	1	1	PI/2 BPSK	24.25	24.43	24.29	21.14	0.1300
15	1	1	QPSK	24.48	24.45	24.43		
15	1	1	16-QAM	23.31	23.32	23.28	19.98	0.0995
Limit	ERP < 3W			Result			Pass	

NR n13 Maximum Average Power [dBm] (GT - LC = -0.13 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
5	1	1	PI/2 BPSK	23.95	24.15	24.17	21.89	0.1545
5	1	1	QPSK	23.84	24.08	24.10		
5	1	1	16-QAM	22.86	23.10	23.06	20.82	0.1208
Limit	ERP < 3W			Result			Pass	

NR n13 Maximum Average Power [dBm] (GT - LC = -0.13 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
10	1	1	PI/2 BPSK	-	23.81	-	21.64	0.1459
10	1	1	QPSK	-	23.92	-		
10	1	1	16-QAM	-	22.96	-	20.68	0.1169
Limit	ERP < 3W			Result			Pass	

NR n14 Maximum Average Power [dBm] (GT - LC = 0 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
5	1	1	PI/2 BPSK	24.17	24.20	24.09	22.05	0.1603
5	1	1	QPSK	24.17	24.20	24.14		
5	1	1	16-QAM	23.05	23.16	23.13	21.01	0.1262
Limit	ERP < 3W			Result			Pass	

NR n14 Maximum Average Power [dBm] (GT - LC = 0 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
10	1	1	PI/2 BPSK	-	24.25	-	22.11	0.1626
10	1	1	QPSK	-	24.26	-		
10	1	1	16-QAM	-	23.10	-	20.95	0.1245
Limit	ERP < 3W			Result			Pass	



NR n25 Maximum Average Power [dBm] (GT - LC = 0.65 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
5	1	1	PI/2 BPSK	23.74	23.74	23.49	24.39	0.2748
5	1	1	QPSK	23.71	23.70	23.55		
5	1	1	16-QAM	22.64	22.56	22.48	23.29	0.2133
Limit	EIRP < 2W			Result			Pass	

NR n25 Maximum Average Power [dBm] (GT - LC = 0.65 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	23.53	23.55	23.51	24.35	0.2723
10	1	1	QPSK	23.65	23.70	23.52		
10	1	1	16-QAM	22.57	22.57	22.48	23.22	0.2099
Limit	EIRP < 2W			Result			Pass	

NR n25 Maximum Average Power [dBm] (GT - LC = 0.65 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	23.77	23.95	23.77	24.60	0.2884
15	1	1	QPSK	23.89	23.78	23.77		
15	1	1	16-QAM	22.79	22.77	22.62	23.44	0.2208
Limit	EIRP < 2W			Result			Pass	

NR n25 Maximum Average Power [dBm] (GT - LC = 0.65 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	23.69	23.79	23.80	24.51	0.2825
20	1	1	QPSK	23.86	23.82	23.85		
20	1	1	16-QAM	22.62	22.72	22.74	23.39	0.2183
Limit	EIRP < 2W			Result			Pass	

NR n25 Maximum Average Power [dBm] (GT - LC = 0.65 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
25	1	1	PI/2 BPSK	23.74	23.77	23.79	24.46	0.2793
25	1	1	QPSK	23.72	23.81	23.80		
25	1	1	16-QAM	22.66	22.66	22.76	23.41	0.2193
Limit	EIRP < 2W			Result			Pass	

NR n25 Maximum Average Power [dBm] (GT - LC = 0.65 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
30	1	1	PI/2 BPSK	23.75	23.91	23.70	24.60	0.2884
30	1	1	QPSK	23.77	23.95	23.87		
30	1	1	16-QAM	22.65	22.80	22.81	23.46	0.2218
Limit	EIRP < 2W			Result			Pass	

NR n25 Maximum Average Power [dBm] (GT - LC = 0.65 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	23.56	23.82	24.03	24.68	0.2938
40	1	1	QPSK	23.78	23.82	23.87		
40	1	1	16-QAM	22.56	22.69	22.65	23.34	0.2158
Limit	EIRP < 2W			Result			Pass	



Part22H NR n26 Maximum Average Power [dBm] (GT - LC = -0.01 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
5	1	1	PI/2 BPSK	24.00	24.21	24.20	22.22	0.1667
5	1	1	QPSK	24.12	24.17	24.38		
5	1	1	16-QAM	23.14	23.15	23.29	21.13	0.1297
Limit	ERP < 7W			Result			Pass	

Part22H NR n26 Maximum Average Power [dBm] (GT - LC = -0.01 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
10	1	1	PI/2 BPSK	24.10	24.15	23.88	22.10	0.1622
10	1	1	QPSK	24.16	24.26	23.35		
10	1	1	16-QAM	23.09	23.15	22.28	20.99	0.1256
Limit	ERP < 7W			Result			Pass	

Part22H NR n26 Maximum Average Power [dBm] (GT - LC = -0.01 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
15	1	1	PI/2 BPSK	24.25	24.25	24.28	22.26	0.1683
15	1	1	QPSK	24.23	24.42	24.32		
15	1	1	16-QAM	23.18	23.20	23.25	21.09	0.1285
Limit	ERP < 7W			Result			Pass	

Part22H NR n26 Maximum Average Power [dBm] (GT - LC = -0.01 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
20	1	1	PI/2 BPSK	24.23	24.22	24.30	22.14	0.1637
20	1	1	QPSK	24.27	24.22	24.30		
20	1	1	16-QAM	23.14	23.20	23.20	21.04	0.1271
Limit	ERP < 7W			Result			Pass	



NR n30 Maximum Average Power [dBm] (GT - LC = 0.97 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
5	1	1	PI/2 BPSK	21.78	21.80	21.78	22.79	0.1901
5	1	1	QPSK	21.73	21.79	21.82		
5	1	1	16-QAM	20.73	20.74	20.76	21.73	0.1489
Limit	EIRP < 250 mW/5MHz			Result			Pass	

NR n30 Maximum Average Power [dBm] (GT - LC = 0.97 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	-	21.85	-	22.82	0.1914
10	1	1	QPSK	-	21.83	-		
10	1	1	16-QAM	-	20.76	-	21.73	0.1489
Limit	EIRP < 250 mW/5MHz			Result			Pass	

Total EIRP power is less than partial EIRP limit 250 mW/5MHz.

NR n38 Maximum Average Power [dBm] (GT - LC = 2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	24.70	24.73	24.58	26.73	0.4710
10	1	1	QPSK	24.60	24.70	24.50		
10	1	1	16-QAM	23.87	23.85	23.60	25.87	0.3864
Limit	EIRP < 2W			Result			Pass	

NR n38 Maximum Average Power [dBm] (GT - LC = 2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	24.94	24.86	24.75	26.94	0.4943
15	1	1	QPSK	24.87	24.86	24.67		
15	1	1	16-QAM	23.93	24.00	23.78	26.00	0.3981
Limit	EIRP < 2W			Result			Pass	

NR n38 Maximum Average Power [dBm] (GT - LC = 2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	24.86	24.85	24.67	26.86	0.4853
20	1	1	QPSK	24.82	24.80	24.79		
20	1	1	16-QAM	24.05	23.90	23.81	26.05	0.4027
Limit	EIRP < 2W			Result			Pass	

NR n38 Maximum Average Power [dBm] (GT - LC = 2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
30	1	1	PI/2 BPSK	24.88	24.90	24.89	26.90	0.4898
30	1	1	QPSK	24.87	24.87	24.81		
30	1	1	16-QAM	24.00	24.00	23.95	26.00	0.3981
Limit	EIRP < 2W			Result			Pass	

NR n38 Maximum Average Power [dBm] (GT - LC = 2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	24.90	24.92	24.91	26.92	0.4920
40	1	1	QPSK	24.86	24.89	24.81		
40	1	1	16-QAM	23.95	23.97	23.91	25.97	0.3954
Limit	EIRP < 2W			Result			Pass	



NR n41 HPUE Maximum Average Power [dBm] (GT - LC = 1.83 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	26.87	26.81	26.54	28.70	0.7413
20	1	1	QPSK	26.81	26.85	26.53		
20	1	1	16-QAM	25.89	25.89	25.63	27.72	0.5916
Limit	EIRP < 2W			Result			Pass	

NR n41 HPUE Maximum Average Power [dBm] (GT - LC = 1.83 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
30	1	1	PI/2 BPSK	26.87	26.79	26.69	28.77	0.7534
30	1	1	QPSK	26.79	26.94	26.66		
30	1	1	16-QAM	25.94	25.87	25.81	27.77	0.5984
Limit	EIRP < 2W			Result			Pass	

NR n41 HPUE Maximum Average Power [dBm] (GT - LC = 1.83 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	26.88	27.00	26.66	28.83	0.7638
40	1	1	QPSK	26.83	26.89	26.65		
40	1	1	16-QAM	26.08	26.04	25.74	27.91	0.6180
Limit	EIRP < 2W			Result			Pass	

NR n41 HPUE Maximum Average Power [dBm] (GT - LC = 1.83 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
50	1	1	PI/2 BPSK	26.79	26.85	26.69	28.68	0.7379
50	1	1	QPSK	26.73	26.80	26.57		
50	1	1	16-QAM	25.98	25.99	25.73	27.82	0.6053
Limit	EIRP < 2W			Result			Pass	

NR n41 HPUE Maximum Average Power [dBm] (GT - LC = 1.83 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
60	1	1	PI/2 BPSK	26.80	26.83	26.59	28.66	0.7345
60	1	1	QPSK	26.66	26.74	26.62		
60	1	1	16-QAM	25.76	25.90	25.76	27.73	0.5929
Limit	EIRP < 2W			Result			Pass	

NR n41 HPUE Maximum Average Power [dBm] (GT - LC = 1.83 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
70	1	1	PI/2 BPSK	26.71	26.72	26.68	28.55	0.7161
70	1	1	QPSK	26.54	26.58	26.68		
70	1	1	16-QAM	25.65	25.77	25.82	27.65	0.5821
Limit	EIRP < 2W			Result			Pass	



NR n41 HPUE Maximum Average Power [dBm] (GT - LC = 1.83 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
80	1	1	PI/2 BPSK	26.54	26.64	26.68	28.51	0.7096
80	1	1	QPSK	26.45	26.57	26.57		
80	1	1	16-QAM	25.67	25.72	25.72	27.55	0.5689
Limit	EIRP < 2W			Result			Pass	

NR n41 HPUE Maximum Average Power [dBm] (GT - LC = 1.83 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
90	1	1	PI/2 BPSK	26.58	26.66	26.51	28.49	0.7063
90	1	1	QPSK	26.49	26.54	26.51		
90	1	1	16-QAM	25.71	25.73	25.64	27.56	0.5702
Limit	EIRP < 2W			Result			Pass	

NR n41 HPUE Maximum Average Power [dBm] (GT - LC = 1.83 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
100	1	1	PI/2 BPSK	26.55	26.61	26.57	28.44	0.6982
100	1	1	QPSK	26.54	26.53	26.49		
100	1	1	16-QAM	25.74	25.68	25.66	27.57	0.5715
Limit	EIRP < 2W			Result			Pass	



NR n66 Maximum Average Power [dBm] (GT - LC = 1.28 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
5	1	1	PI/2 BPSK	24.25	24.33	24.13	25.61	0.3639
5	1	1	QPSK	24.30	24.30	24.24		
5	1	1	16-QAM	23.20	23.15	23.15	24.48	0.2805
Limit	EIRP < 1W			Result			Pass	

NR n66 Maximum Average Power [dBm] (GT - LC = 1.28 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	24.16	24.20	24.22	25.50	0.3548
10	1	1	QPSK	24.16	24.21	24.21		
10	1	1	16-QAM	23.15	23.15	23.12	24.43	0.2773
Limit	EIRP < 1W			Result			Pass	

NR n66 Maximum Average Power [dBm] (GT - LC = 1.28 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	24.23	24.42	24.27	25.71	0.3724
15	1	1	QPSK	24.28	24.42	24.43		
15	1	1	16-QAM	23.20	23.33	23.29	24.61	0.2891
Limit	EIRP < 1W			Result			Pass	

NR n66 Maximum Average Power [dBm] (GT - LC = 1.28 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	24.30	24.52	24.33	25.80	0.3802
20	1	1	QPSK	24.32	23.30	24.35		
20	1	1	16-QAM	23.25	23.32	22.25	24.60	0.2884
Limit	EIRP < 1W			Result			Pass	

NR n66 Maximum Average Power [dBm] (GT - LC = 1.28 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
30	1	1	PI/2 BPSK	24.14	24.25	24.30	25.67	0.3690
30	1	1	QPSK	24.32	24.30	24.39		
30	1	1	16-QAM	23.20	23.20	23.30	24.58	0.2871
Limit	EIRP < 1W			Result			Pass	

NR n66 Maximum Average Power [dBm] (GT - LC = 1.28 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	24.27	24.27	24.20	25.61	0.3639
40	1	1	QPSK	24.30	24.33	24.29		
40	1	1	16-QAM	23.20	23.20	23.19	24.48	0.2805
Limit	EIRP < 1W			Result			Pass	



NR n71 Maximum Average Power [dBm] (GT - LC = -1.38 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
5	1	1	PI/2 BPSK	24.25	24.20	24.25	20.74	0.1186
5	1	1	QPSK	24.20	24.15	24.27		
5	1	1	16-QAM	23.30	23.20	23.30	19.77	0.0948
Limit	ERP < 3W			Result			Pass	

NR n71 Maximum Average Power [dBm] (GT - LC = -1.38 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
10	1	1	PI/2 BPSK	24.32	24.25	24.20	20.79	0.1199
10	1	1	QPSK	24.30	24.30	24.30		
10	1	1	16-QAM	23.30	23.30	23.20	19.77	0.0948
Limit	ERP < 3W			Result			Pass	

NR n71 Maximum Average Power [dBm] (GT - LC = -1.38 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
15	1	1	PI/2 BPSK	24.17	24.32	24.17	20.79	0.1199
15	1	1	QPSK	24.30	24.28	24.17		
15	1	1	16-QAM	23.30	23.10	23.18	19.77	0.0948
Limit	ERP < 3W			Result			Pass	

NR n71 Maximum Average Power [dBm] (GT - LC = -1.38 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
20	1	1	PI/2 BPSK	24.31	24.20	24.40	20.87	0.1222
20	1	1	QPSK	24.27	24.20	24.39		
20	1	1	16-QAM	23.25	23.20	23.40	19.87	0.0971
Limit	ERP < 3W			Result			Pass	



Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -0.06 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	25.93	25.84	25.73	25.88	0.3873
10	1	1	QPSK	25.94	25.77	25.70		
10	1	1	16-QAM	25.16	24.92	24.86	25.10	0.3236
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -0.06 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	26.22	25.89	25.96	26.16	0.4130
15	1	1	QPSK	26.13	26.06	25.95		
15	1	1	16-QAM	25.31	25.05	25.05	25.25	0.3350
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -0.06 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	26.17	25.98	25.95	26.11	0.4083
20	1	1	QPSK	26.15	25.91	25.93		
20	1	1	16-QAM	25.38	25.01	25.11	25.32	0.3404
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -0.06 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
30	1	1	PI/2 BPSK	26.14	25.95	26.15	26.09	0.4064
30	1	1	QPSK	26.11	25.99	26.06		
30	1	1	16-QAM	25.25	25.05	25.17	25.19	0.3304
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -0.06 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	26.47	26.13	26.18	26.41	0.4375
40	1	1	QPSK	26.29	26.06	26.04		
40	1	1	16-QAM	25.45	25.08	25.25	25.39	0.3459
Limit	EIRP < 1W			Result			Pass	



Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -0.06 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
50	1	1	PI/2 BPSK	26.00	25.80	25.89	25.94	0.3926
50	1	1	QPSK	25.93	25.82	25.86		
50	1	1	16-QAM	25.13	24.92	25.00	25.07	0.3214
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -0.06 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
60	1	1	PI/2 BPSK	26.00	25.74	25.68	25.94	0.3926
60	1	1	QPSK	25.93	25.69	25.64		
60	1	1	16-QAM	25.06	24.80	24.87	25.00	0.3162
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -0.06 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
70	1	1	PI/2 BPSK	25.84	25.76	25.52	25.78	0.3784
70	1	1	QPSK	25.82	25.64	25.54		
70	1	1	16-QAM	24.83	24.79	24.69	24.77	0.2999
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -0.06 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
80	1	1	PI/2 BPSK	25.81	25.66	25.58	25.75	0.3758
80	1	1	QPSK	25.76	25.67	25.56		
80	1	1	16-QAM	24.97	24.77	24.71	24.91	0.3097
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -0.06 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
90	1	1	PI/2 BPSK	25.38	25.31	25.25	25.32	0.3404
90	1	1	QPSK	25.29	25.30	25.25		
90	1	1	16-QAM	24.42	24.41	24.45	24.39	0.2748
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -0.06 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
100	1	1	PI/2 BPSK	25.40	25.39	25.16	25.41	0.3475
100	1	1	QPSK	25.47	25.39	25.11		
100	1	1	16-QAM	24.59	24.50	24.28	24.53	0.2838
Limit	EIRP < 1W			Result			Pass	



Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.06 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	25.85	25.93	25.87	25.87	0.3864
10	1	1	QPSK	25.81	25.90	25.82		
10	1	1	16-QAM	24.95	24.97	24.83	24.91	0.3097
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.06 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	26.08	26.06	26.03	26.02	0.3999
15	1	1	QPSK	26.07	26.05	26.07		
15	1	1	16-QAM	25.21	25.17	25.20	25.15	0.3273
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.06 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	26.14	26.08	26.05	26.08	0.4055
20	1	1	QPSK	26.13	26.06	26.03		
20	1	1	16-QAM	25.25	25.25	25.14	25.19	0.3304
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.06 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
30	1	1	PI/2 BPSK	26.12	26.23	26.15	26.17	0.4140
30	1	1	QPSK	26.04	26.20	26.04		
30	1	1	16-QAM	25.22	25.32	25.34	25.28	0.3373
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.06 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	26.27	26.42	26.18	26.36	0.4325
40	1	1	QPSK	26.25	26.23	26.15		
40	1	1	16-QAM	25.45	25.44	25.38	25.39	0.3459
Limit	EIRP < 1W			Result			Pass	



Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.06 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
50	1	1	PI/2 BPSK	25.86	26.07	26.05	26.01	0.3990
50	1	1	QPSK	25.84	26.02	26.05		
50	1	1	16-QAM	25.00	25.05	25.19	25.13	0.3258
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.06 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
60	1	1	PI/2 BPSK	25.94	25.87	25.92	25.88	0.3873
60	1	1	QPSK	25.88	25.90	25.88		
60	1	1	16-QAM	25.04	24.97	24.96	24.98	0.3148
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.06 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
70	1	1	PI/2 BPSK	25.74	25.83	25.77	25.77	0.3776
70	1	1	QPSK	25.74	25.80	25.68		
70	1	1	16-QAM	24.88	24.93	24.86	24.87	0.3069
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.06 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
80	1	1	PI/2 BPSK	25.82	25.81	25.80	25.76	0.3767
80	1	1	QPSK	25.78	25.78	25.73		
80	1	1	16-QAM	24.98	24.92	24.92	24.92	0.3105
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.06 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
90	1	1	PI/2 BPSK	25.73	25.80	25.91	25.85	0.3846
90	1	1	QPSK	25.68	25.78	25.84		
90	1	1	16-QAM	24.89	24.99	24.99	24.93	0.3112
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.06 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
100	1	1	PI/2 BPSK	-	25.86	-	25.80	0.3802
100	1	1	QPSK	-	25.80	-		
100	1	1	16-QAM	-	24.95	-	24.89	0.3083
Limit	EIRP < 1W			Result			Pass	



Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -0.06 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	26.50	26.44	26.55	26.55	0.4519
10	1	1	QPSK	26.61	26.58	26.48		
10	1	1	16-QAM	25.72	25.65	25.60	25.66	0.3681
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -0.06 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	26.88	26.69	26.63	26.82	0.4808
15	1	1	QPSK	26.73	26.68	26.58		
15	1	1	16-QAM	25.84	25.80	25.61	25.78	0.3784
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -0.06 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	26.84	26.59	26.68	26.81	0.4797
20	1	1	QPSK	26.87	26.61	26.64		
20	1	1	16-QAM	25.86	25.73	25.84	25.80	0.3802
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -0.06 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
30	1	1	PI/2 BPSK	26.89	26.72	27.01	26.95	0.4955
30	1	1	QPSK	26.74	26.69	26.88		
30	1	1	16-QAM	25.93	25.54	26.08	26.02	0.3999
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -0.06 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	26.92	26.66	26.78	26.86	0.4853
40	1	1	QPSK	26.89	26.70	26.80		
40	1	1	16-QAM	25.94	25.88	25.91	25.88	0.3873
Limit	EIRP < 1W			Result			Pass	



Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -0.06 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
50	1	1	PI/2 BPSK	26.68	26.61	26.56	26.62	0.4592
50	1	1	QPSK	26.61	26.55	26.54		
50	1	1	16-QAM	25.75	25.65	25.66	25.69	0.3707
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -0.06 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
60	1	1	PI/2 BPSK	26.74	26.58	26.57	26.68	0.4656
60	1	1	QPSK	26.66	26.55	26.52		
60	1	1	16-QAM	25.79	25.69	25.55	25.73	0.3741
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -0.06 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
70	1	1	PI/2 BPSK	26.53	26.54	26.34	26.48	0.4446
70	1	1	QPSK	26.50	26.50	26.41		
70	1	1	16-QAM	25.63	25.61	25.58	25.57	0.3606
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -0.06 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
80	1	1	PI/2 BPSK	26.49	26.46	26.49	26.43	0.4395
80	1	1	QPSK	26.45	26.48	26.46		
80	1	1	16-QAM	25.68	25.58	25.46	25.62	0.3648
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -0.06 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
90	1	1	PI/2 BPSK	26.53	26.47	26.42	26.47	0.4436
90	1	1	QPSK	26.49	26.48	26.43		
90	1	1	16-QAM	25.54	25.57	25.63	25.57	0.3606
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -0.06 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
100	1	1	PI/2 BPSK	-	26.35	-	27.24	0.5297
100	1	1	QPSK	-	26.33	-		
100	1	1	16-QAM	-	25.50	-	25.44	0.3499
Limit	EIRP < 1W			Result			Pass	



Part 27Q NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.06 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	26.60	26.62	26.58	26.61	0.4581
10	1	1	QPSK	26.67	26.59	26.58		
10	1	1	16-QAM	25.64	25.70	25.72	25.66	0.3681
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.06 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	26.82	26.64	26.74	26.76	0.4742
15	1	1	QPSK	26.81	26.61	26.61		
15	1	1	16-QAM	26.07	25.77	25.84	26.01	0.3990
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.06 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	26.89	26.73	26.61	26.83	0.4819
20	1	1	QPSK	26.85	26.63	26.51		
20	1	1	16-QAM	26.10	25.82	25.55	26.04	0.4018
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.06 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
30	1	1	PI/2 BPSK	26.90	26.82	26.76	26.88	0.4875
30	1	1	QPSK	26.94	26.79	26.68		
30	1	1	16-QAM	26.09	25.87	25.89	26.03	0.4009
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.06 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	27.03	26.83	26.67	26.97	0.4977
40	1	1	QPSK	26.92	26.79	26.57		
40	1	1	16-QAM	26.10	25.96	25.80	26.04	0.4018
Limit	EIRP < 1W			Result			Pass	



Part 27Q NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.06 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
50	1	1	PI/2 BPSK	26.70	26.46	26.42	26.64	0.4613
50	1	1	QPSK	26.64	26.53	26.42		
50	1	1	16-QAM	25.77	25.62	25.52	25.71	0.3724
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.06 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
60	1	1	PI/2 BPSK	26.72	26.57	26.50	26.66	0.4634
60	1	1	QPSK	26.68	26.62	26.53		
60	1	1	16-QAM	25.79	25.58	25.53	25.73	0.3741
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.06 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
70	1	1	PI/2 BPSK	26.60	26.53	26.41	26.54	0.4508
70	1	1	QPSK	26.46	26.48	26.41		
70	1	1	16-QAM	25.70	25.63	25.60	25.64	0.3664
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.06 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
80	1	1	PI/2 BPSK	26.52	26.49	26.47	26.46	0.4426
80	1	1	QPSK	26.52	26.44	26.43		
80	1	1	16-QAM	25.63	25.58	25.51	25.57	0.3606
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.06 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
90	1	1	PI/2 BPSK	26.56	26.51	26.51	26.51	0.4477
90	1	1	QPSK	26.57	26.50	26.49		
90	1	1	16-QAM	25.58	25.60	25.62	25.56	0.3597
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.06 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
100	1	1	PI/2 BPSK	-	26.41	-	26.35	0.4315
100	1	1	QPSK	-	26.36	-		
100	1	1	16-QAM	-	25.50	-	25.44	0.3499
Limit	EIRP < 1W			Result			Pass	



Part90s NR n26 Maximum Average Power [dBm] (GT - LC = -0.01 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP
5	1	1	PI/2 BPSK	23.52	23.50	23.48	21.57	0.1435
5	1	1	QPSK	23.73	23.50	23.62		
5	1	1	16-QAM	22.61	22.45	22.45	20.45	0.1109
Limit	ERP < 100W			Result			Pass	

Part90s NR n26 Maximum Average Power [dBm] (GT - LC = -0.01 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP
10	1	1	PI/2 BPSK	-	23.52	-	21.36	0.1368
10	1	1	QPSK	-	23.50	-		
10	1	1	16-QAM	-	22.57	-	20.41	0.1099
Limit	ERP < 100W			Result			Pass	

NR n26 Straddle Channel Maximum Average Power [dBm] (GT - LC = -0.01 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP
5	1	1	PI/2 BPSK	-	23.92	-	21.79	0.1510
5	1	1	QPSK	-	23.95	-		
5	1	1	16-QAM	-	22.92	-	20.76	0.1191
Limit	Reporting only			Result			N/A	

NR n26 Straddle Channel Maximum Average Power [dBm] (GT - LC = -0.01 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP
10	1	1	PI/2 BPSK	-	23.94	-	21.84	0.1528
10	1	1	QPSK	-	24.00	-		
10	1	1	16-QAM	-	22.92	-	20.76	0.1191
Limit	Reporting only			Result			N/A	

NR n26 Straddle Channel Maximum Average Power [dBm] (GT - LC = -0.01 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP
15	1	1	PI/2 BPSK	-	24.08	-	21.97	0.1574
15	1	1	QPSK	-	24.13	-		
15	1	1	16-QAM	-	23.04	-	20.88	0.1225
Limit	Reporting only			Result			N/A	

NR n26 Straddle Channel Maximum Average Power [dBm] (GT - LC = -0.01 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP
20	1	1	PI/2 BPSK	-	24.00	-	21.96	0.1570
20	1	1	QPSK	-	24.12	-		
20	1	1	16-QAM	-	23.01	-	20.85	0.1216
Limit	Reporting only			Result			N/A	



<MIMO Mode>

NR n38 Maximum Average Power [dBm], DG = 2 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 2			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
10	1	1	QPSK	20.72	20.90	20.70	20.24	20.26	20.13	23.50	23.60	23.43	25.60	0.3631
10	1	1	16-QAM	20.35	20.45	20.30	19.70	19.67	19.62	23.05	23.09	22.98	25.09	0.3228
Limit	EIRP < 2W			Result									Pass	

NR n38 Maximum Average Power [dBm], DG = 2 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 2			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
15	1	1	QPSK	20.87	21.00	20.94	20.25	20.45	20.30	23.58	23.74	23.64	25.74	0.3750
15	1	1	16-QAM	20.54	20.58	20.39	19.95	19.80	19.73	23.27	23.22	23.08	25.27	0.3365
Limit	EIRP < 2W			Result									Pass	

NR n38 Maximum Average Power [dBm], DG = 2 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 2			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
20	1	1	QPSK	20.85	21.10	20.85	20.20	20.38	20.30	23.55	23.77	23.59	25.77	0.3776
20	1	1	16-QAM	20.51	20.60	20.30	19.90	19.92	19.71	23.23	23.28	23.03	25.28	0.3373
Limit	EIRP < 2W			Result									Pass	

NR n38 Maximum Average Power [dBm], DG = 2 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 2			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
30	1	1	QPSK	21.00	21.03	21.00	20.45	20.40	20.51	23.74	23.74	23.77	25.77	0.3776
30	1	1	16-QAM	20.62	20.50	20.60	20.00	19.82	19.78	23.33	23.18	23.22	25.33	0.3412
Limit	EIRP < 2W			Result									Pass	

NR n38 Maximum Average Power [dBm], DG = 2 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 2			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
40	1	1	QPSK	21.13	21.00	21.00	20.53	20.40	20.42	23.85	23.72	23.73	25.85	0.3846
40	1	1	16-QAM	20.57	20.52	20.60	19.97	19.83	19.95	23.29	23.20	23.30	25.30	0.3388
Limit	EIRP < 2W			Result									Pass	

Remark : All transmit signals are completely uncorrelated with each other



NR n41 PC2 Maximum Average Power [dBm], DG = 1.83 dBi														
BW	RB	RB	Mod	Antenna 0			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
20	1	1	QPSK	22.19	22.00	21.84	22.23	22.46	22.26	25.22	25.25	25.07	27.08	0.5105
20	1	1	16-QAM	22.02	21.66	21.63	21.98	22.15	21.95	25.01	24.92	24.80	26.84	0.4831
Limit	EIRP < 2W			Result									Pass	

NR n41 PC2 Maximum Average Power [dBm], DG = 1.83 dBi														
BW	RB	RB	Mod	Antenna 0			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
30	1	1	QPSK	22.26	22.06	21.98	22.37	22.59	22.57	25.33	25.34	25.30	27.17	0.5212
30	1	1	16-QAM	21.93	21.73	21.64	22.12	22.17	22.20	25.04	24.97	24.94	26.87	0.4864
Limit	EIRP < 2W			Result									Pass	

NR n41 PC2 Maximum Average Power [dBm], DG = 1.83 dBi														
BW	RB	RB	Mod	Antenna 0			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
40	1	1	QPSK	22.38	22.06	22.05	22.49	22.67	22.59	25.45	25.39	25.34	27.28	0.5346
40	1	1	16-QAM	21.86	22.05	21.67	21.98	22.36	22.24	24.93	25.22	24.97	27.05	0.5070
Limit	EIRP < 2W			Result									Pass	

NR n41 PC2 Maximum Average Power [dBm], DG = 1.83 dBi														
BW	RB	RB	Mod	Antenna 0			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
50	1	1	QPSK	22.23	22.03	22.02	22.32	22.40	22.45	25.29	25.23	25.25	27.12	0.5152
50	1	1	16-QAM	22.06	21.60	21.70	22.10	22.17	22.13	25.09	24.90	24.93	26.92	0.4920
Limit	EIRP < 2W			Result									Pass	

NR n41 PC2 Maximum Average Power [dBm], DG = 1.83 dBi														
BW	RB	RB	Mod	Antenna 0			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
60	1	1	QPSK	22.02	22.02	21.81	22.23	22.49	22.45	25.14	25.27	25.15	27.10	0.5129
60	1	1	16-QAM	21.69	21.54	21.50	21.99	22.20	21.96	24.85	24.89	24.75	26.72	0.4699
Limit	EIRP < 2W			Result									Pass	

NR n41 PC2 Maximum Average Power [dBm], DG = 1.83 dBi														
BW	RB	RB	Mod	Antenna 0			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
70	1	1	QPSK	22.10	22.13	21.96	22.29	22.33	22.15	25.21	25.24	25.07	27.07	0.5093
70	1	1	16-QAM	21.85	21.67	21.62	21.71	21.85	21.63	24.79	24.77	24.64	26.62	0.4592
Limit	EIRP < 2W			Result									Pass	



NR n41 PC2 Maximum Average Power [dBm], DG = 1.83 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 2			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
80	1	1	QPSK	22.06	22.15	22.05	22.15	22.21	22.32	25.12	25.19	25.20	27.03	0.5047
80	1	1	16-QAM	21.66	21.70	21.62	21.56	21.90	21.74	24.62	24.81	24.69	26.64	0.4613
Limit	EIRP < 2W			Result									Pass	

NR n41 PC2 Maximum Average Power [dBm], DG = 1.83 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 2			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
90	1	1	QPSK	22.24	22.05	21.85	22.21	22.26	22.33	25.24	25.17	25.11	27.07	0.5093
90	1	1	16-QAM	21.53	21.68	21.58	21.82	21.78	21.76	24.69	24.74	24.68	26.57	0.4539
Limit	EIRP < 2W			Result									Pass	

NR n41 PC2 Maximum Average Power [dBm], DG = 1.83 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 2			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
100	1	1	QPSK	22.09	21.78	21.74	22.07	22.44	22.31	25.09	25.13	25.04	26.96	0.4966
100	1	1	16-QAM	21.73	21.61	21.39	21.66	21.96	21.86	24.71	24.80	24.64	26.63	0.4603
Limit	EIRP < 2W			Result									Pass	

Remark : All transmit signals are completely uncorrelated with each other



Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 0.97 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 2			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
10	1	1	QPSK	22.06	21.87	21.75	21.90	21.99	21.98	24.99	24.94	24.88	25.96	0.3945
10	1	1	16-QAM	21.52	21.07	21.13	21.32	21.53	21.53	24.43	24.32	24.34	25.40	0.3467
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 0.97 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 2			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
15	1	1	QPSK	22.21	21.97	21.64	22.17	22.29	22.18	25.20	25.14	24.93	26.17	0.4140
15	1	1	16-QAM	21.53	21.47	21.26	21.62	21.60	21.50	24.59	24.55	24.39	25.56	0.3597
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 0.97 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 2			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
20	1	1	QPSK	22.24	21.95	21.88	22.16	22.09	22.14	25.21	25.03	25.02	26.18	0.4150
20	1	1	16-QAM	21.73	21.34	21.35	21.57	21.61	21.49	24.66	24.49	24.43	25.63	0.3656
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 0.97 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 2			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
30	1	1	QPSK	22.19	21.97	21.91	22.41	22.17	22.18	25.31	25.08	25.06	26.28	0.4246
30	1	1	16-QAM	21.73	21.43	21.40	21.63	21.57	21.49	24.69	24.51	24.46	25.66	0.3681
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 0.97 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 2			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
40	1	1	QPSK	22.33	22.04	21.78	22.33	22.24	22.12	25.34	25.15	24.96	26.31	0.4276
40	1	1	16-QAM	21.80	21.50	21.15	21.70	21.90	21.59	24.76	24.71	24.39	25.73	0.3741
Limit	EIRP < 1W			Result									Pass	



Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 0.97 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 2			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
50	1	1	QPSK	22.04	21.81	21.66	22.06	22.16	22.03	25.06	25.00	24.86	26.03	0.4009
50	1	1	16-QAM	21.57	21.39	21.01	21.61	21.56	21.41	24.60	24.49	24.22	25.57	0.3606
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 0.97 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 2			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
60	1	1	QPSK	21.99	21.72	21.72	22.04	21.99	22.22	25.03	24.87	24.99	26.00	0.3981
60	1	1	16-QAM	21.47	21.18	21.13	21.47	21.42	21.56	24.48	24.31	24.36	25.45	0.3508
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 0.97 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 2			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
70	1	1	QPSK	21.92	21.72	21.51	21.99	21.88	21.98	24.97	24.81	24.76	25.94	0.3926
70	1	1	16-QAM	21.41	21.29	21.23	21.41	21.40	21.57	24.42	24.36	24.41	25.39	0.3459
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 0.97 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 2			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
80	1	1	QPSK	21.91	21.61	21.39	22.17	21.88	22.13	25.05	24.76	24.79	26.02	0.3999
80	1	1	16-QAM	21.47	21.17	21.07	21.31	21.22	21.19	24.40	24.21	24.14	25.37	0.3443
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 0.97 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 2			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
90	1	1	QPSK	21.92	21.70	21.50	21.95	21.99	21.78	24.95	24.86	24.65	25.92	0.3908
90	1	1	16-QAM	21.47	21.46	21.05	21.69	21.62	21.46	24.59	24.55	24.27	25.56	0.3597
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 0.97 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 2			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
100	1	1	QPSK	21.77	21.73	21.62	21.84	22.05	21.79	24.82	24.90	24.72	25.87	0.3864
100	1	1	16-QAM	21.33	21.42	20.97	21.42	21.85	21.23	24.39	24.65	24.11	25.62	0.3648
Limit	EIRP < 1W			Result									Pass	

Remark : All transmit signals are completely uncorrelated with each other



Part270 NR n78 HPUE Maximum Average Power [dBm], DG = 0.91 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 2			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
10	1	1	QPSK	21.98	22.05	21.93	22.06	22.07	22.21	25.03	25.07	25.08	25.99	0.3972
10	1	1	16-QAM	21.47	21.34	21.33	21.36	21.49	21.61	24.43	24.43	24.48	25.39	0.3459
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 HPUE Maximum Average Power [dBm], DG = 0.91 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 2			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
15	1	1	QPSK	22.20	22.26	21.99	22.09	22.32	22.32	25.16	25.30	25.17	26.21	0.4178
15	1	1	16-QAM	21.74	21.65	21.42	21.52	21.71	21.76	24.64	24.69	24.60	25.60	0.3631
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 HPUE Maximum Average Power [dBm], DG = 0.91 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 2			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
20	1	1	QPSK	22.24	22.04	21.98	22.32	22.36	22.16	25.29	25.21	25.08	26.20	0.4169
20	1	1	16-QAM	21.76	21.47	21.37	21.52	21.76	21.57	24.65	24.63	24.48	25.56	0.3597
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 HPUE Maximum Average Power [dBm], DG = 0.91 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 2			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
30	1	1	QPSK	22.26	22.27	22.18	22.21	22.53	22.27	25.25	25.41	25.24	26.32	0.4285
30	1	1	16-QAM	21.69	21.78	21.56	21.66	21.76	21.67	24.69	24.78	24.63	25.69	0.3707
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 HPUE Maximum Average Power [dBm], DG = 0.91 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 2			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
40	1	1	QPSK	22.30	22.44	22.30	22.28	22.37	22.30	25.30	25.42	25.31	26.33	0.4295
40	1	1	16-QAM	21.72	21.89	21.77	21.78	22.02	21.87	24.76	24.97	24.83	25.88	0.3873
Limit	EIRP < 1W			Result									Pass	



Part270 NR n78 HPUE Maximum Average Power [dBm], DG = 0.91 dBi														
BW	RB	RB	Mod	Antenna 0			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
50	1	1	QPSK	22.10	22.00	21.83	21.95	22.21	21.93	25.04	25.12	24.89	26.03	0.4009
50	1	1	16-QAM	21.34	21.51	21.29	21.54	21.42	21.35	24.45	24.48	24.33	25.39	0.3459
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 HPUE Maximum Average Power [dBm], DG = 0.91 dBi														
BW	RB	RB	Mod	Antenna 0			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
60	1	1	QPSK	21.93	22.01	21.99	21.82	22.05	21.92	24.89	25.04	24.97	25.95	0.3936
60	1	1	16-QAM	21.45	21.56	21.38	21.48	21.41	21.49	24.48	24.50	24.45	25.41	0.3475
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 HPUE Maximum Average Power [dBm], DG = 0.91 dBi														
BW	RB	RB	Mod	Antenna 0			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
70	1	1	QPSK	21.83	21.85	21.85	21.88	21.88	22.16	24.87	24.88	25.02	25.93	0.3917
70	1	1	16-QAM	21.31	21.53	21.44	21.42	21.27	21.34	24.38	24.41	24.40	25.32	0.3404
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 HPUE Maximum Average Power [dBm], DG = 0.91 dBi														
BW	RB	RB	Mod	Antenna 0			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
80	1	1	QPSK	21.77	21.81	22.03	21.89	21.82	21.79	24.84	24.83	24.92	25.83	0.3828
80	1	1	16-QAM	21.20	21.41	21.52	21.20	21.22	21.54	24.21	24.33	24.54	25.45	0.3508
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 HPUE Maximum Average Power [dBm], DG = 0.91 dBi														
BW	RB	RB	Mod	Antenna 0			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
90	1	1	QPSK	21.84	21.87	21.86	21.98	21.96	21.86	24.92	24.93	24.87	25.84	0.3837
90	1	1	16-QAM	21.43	21.17	21.48	21.26	21.09	21.20	24.36	24.14	24.35	25.27	0.3365
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 HPUE Maximum Average Power [dBm], DG = 0.91 dBi														
BW	RB	RB	Mod	Antenna 0			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
100	1	1	QPSK	-	21.97	-	-	21.80	-	-	24.90	-	25.81	0.3811
100	1	1	16-QAM	-	21.39	-	-	21.37	-	-	24.39	-	25.30	0.3388
Limit	EIRP < 1W			Result									Pass	

Remark : All transmit signals are completely uncorrelated with each other



Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 0.97 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 2			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
10	1	1	QPSK	22.00	21.95	21.85	22.20	21.97	21.82	25.11	24.97	24.85	26.08	0.4055
10	1	1	16-QAM	21.78	21.50	21.62	21.61	21.70	21.60	24.71	24.61	24.62	25.68	0.3698
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 0.97 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 2			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
15	1	1	QPSK	22.41	22.00	21.73	22.57	21.95	21.80	25.50	24.99	24.78	26.47	0.4436
15	1	1	16-QAM	22.14	21.35	21.09	22.07	21.67	21.35	25.12	24.52	24.23	26.09	0.4064
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 0.97 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 2			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
20	1	1	QPSK	22.03	22.02	21.72	22.60	22.24	21.92	25.33	25.14	24.83	26.30	0.4266
20	1	1	16-QAM	21.64	21.40	21.26	22.10	21.44	21.50	24.89	24.43	24.39	25.86	0.3855
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 0.97 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 2			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
30	1	1	QPSK	22.41	22.58	22.06	22.53	22.60	22.44	25.48	25.60	25.26	26.57	0.4539
30	1	1	16-QAM	22.04	22.25	21.70	22.04	22.11	21.86	25.05	25.19	24.79	26.16	0.4130
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 0.97 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 2			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
40	1	1	QPSK	22.61	22.44	22.24	22.42	22.47	21.99	25.53	25.47	25.13	26.50	0.4467
40	1	1	16-QAM	21.95	21.98	21.69	22.07	22.08	21.92	25.02	25.04	24.82	26.01	0.3990
Limit	EIRP < 1W			Result									Pass	



Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 0.97 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 2			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
50	1	1	QPSK	22.26	22.24	22.27	22.39	22.39	22.15	25.34	25.33	25.22	26.31	0.4276
50	1	1	16-QAM	21.77	21.94	21.62	21.83	21.97	21.71	24.81	24.97	24.68	25.94	0.3926
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 0.97 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 2			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
60	1	1	QPSK	22.31	22.19	22.35	22.34	22.36	22.45	25.34	25.29	25.41	26.38	0.4345
60	1	1	16-QAM	21.82	21.86	21.92	21.91	21.91	21.98	24.88	24.90	24.96	25.93	0.3917
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 0.97 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 2			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
70	1	1	QPSK	22.05	22.01	22.24	21.90	22.12	22.38	24.99	25.08	25.32	26.29	0.4256
70	1	1	16-QAM	21.64	21.49	21.75	21.50	21.64	21.73	24.58	24.58	24.75	25.72	0.3733
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 0.97 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 2			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
80	1	1	QPSK	22.01	21.95	21.86	22.03	21.86	22.01	25.03	24.92	24.95	26.00	0.3981
80	1	1	16-QAM	21.50	21.51	21.39	21.56	21.49	21.32	24.54	24.51	24.37	25.51	0.3556
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 0.97 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 2			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
90	1	1	QPSK	22.10	21.60	21.62	21.95	22.01	22.15	25.04	24.82	24.90	26.01	0.3990
90	1	1	16-QAM	21.30	21.03	21.04	21.50	21.72	21.75	24.41	24.40	24.42	25.39	0.3459
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 0.97 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 2			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
100	1	1	QPSK	-	21.68	-	-	22.23	-	-	24.97	-	25.94	0.3926
100	1	1	16-QAM	-	21.03	-	-	21.74	-	-	24.41	-	25.38	0.3451
Limit	EIRP < 1W			Result									Pass	

Remark : All transmit signals are completely uncorrelated with each other



Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = 0.91 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 2			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
10	1	1	QPSK	21.93	21.56	20.79	21.91	21.10	20.84	24.93	24.35	23.83	25.84	0.3837
10	1	1	16-QAM	21.38	20.94	20.18	21.38	20.38	20.27	24.39	23.68	23.24	25.30	0.3388
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = 0.91 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 2			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
15	1	1	QPSK	22.36	21.63	21.05	22.26	21.31	20.92	25.32	24.48	24.00	26.23	0.4198
15	1	1	16-QAM	21.74	20.94	20.44	21.81	20.68	20.35	24.79	23.82	23.41	25.70	0.3715
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = 0.91 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 2			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
20	1	1	QPSK	22.01	21.47	20.93	22.03	21.17	20.57	25.03	24.33	23.76	25.94	0.3926
20	1	1	16-QAM	21.40	20.81	20.32	21.53	20.53	20.09	24.48	23.68	23.22	25.39	0.3459
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = 0.91 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 2			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
30	1	1	QPSK	22.46	22.05	22.28	22.38	22.09	22.16	25.43	25.08	25.23	26.34	0.4305
30	1	1	16-QAM	21.93	21.34	21.69	21.82	21.43	21.61	24.89	24.40	24.66	25.80	0.3802
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = 0.91 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 2			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
40	1	1	QPSK	22.48	22.43	22.00	22.51	22.42	21.59	25.51	25.44	24.81	26.42	0.4385
40	1	1	16-QAM	22.00	21.84	21.37	22.08	21.86	21.06	25.05	24.86	24.23	25.96	0.3945
Limit	EIRP < 1W			Result									Pass	



Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = 0.91 dBi														
BW	RB	RB	Mod	Antenna 0			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
50	1	1	QPSK	22.29	22.22	22.05	22.17	22.02	21.63	25.24	25.13	24.86	26.15	0.4121
50	1	1	16-QAM	21.88	21.69	21.45	21.61	21.46	21.14	24.76	24.59	24.31	25.67	0.3690
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = 0.91 dBi														
BW	RB	RB	Mod	Antenna 0			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
60	1	1	QPSK	22.37	22.13	21.55	22.23	21.93	21.41	25.31	25.04	24.49	26.22	0.4188
60	1	1	16-QAM	21.82	21.47	21.07	21.83	21.33	20.87	24.84	24.41	23.98	25.75	0.3758
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = 0.91 dBi														
BW	RB	RB	Mod	Antenna 0			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
70	1	1	QPSK	22.26	22.29	21.80	22.02	21.83	21.88	25.15	25.08	24.85	26.06	0.4036
70	1	1	16-QAM	22.03	21.78	21.35	21.63	21.62	21.36	24.84	24.71	24.37	25.75	0.3758
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = 0.91 dBi														
BW	RB	RB	Mod	Antenna 0			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
80	1	1	QPSK	22.33	22.29	22.23	22.17	21.85	21.96	25.26	25.09	25.11	26.17	0.4140
80	1	1	16-QAM	21.90	21.87	21.73	21.48	21.39	21.44	24.71	24.65	24.60	25.62	0.3648
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = 0.91 dBi														
BW	RB	RB	Mod	Antenna 0			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
90	1	1	QPSK	22.22	22.28	22.14	21.96	22.20	22.44	25.10	25.25	25.30	26.21	0.4178
90	1	1	16-QAM	21.92	21.90	21.93	21.65	21.69	21.30	24.80	24.81	24.64	25.72	0.3733
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = 0.91 dBi														
BW	RB	RB	Mod	Antenna 0			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
100	1	1	QPSK	-	22.30	-	-	21.93	-	-	25.13	-	26.04	0.4018
100	1	1	16-QAM	-	21.92	-	-	21.70	-	-	24.82	-	25.73	0.3741
Limit	EIRP < 1W			Result									Pass	

Remark : All transmit signals are completely uncorrelated with each other



Appendix B. Test Results of Radiated Test

B1. Summary of each worse mode

<Sample 1>

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 27D	NR SA n30	M	9232	-57.42	RMS	38.10	-51.69	0.57	-95.23	50.83	-40.00	-17.42	V	Main
2	Part 27D	NR SA n30	M	9223	-57.48	RMS	38.10	-51.69	0.58	-95.23	50.76	-40.00	-17.48	H	Main
1	Part 27M	NR SA n41	M	10337	-56.27	RMS	38.70	-51.08	0.35	-95.23	50.99	-25.00	-31.27	H	Main
2	Part 27Q	EN-DC B5+n78	H	17656	-32.68	RMS	39.55	-9.83	0.63	-95.23	32.20	-13.00	-19.68	V	LTE:MIMO2 +5GNR:Main
2	Part 27O	NR SA n78	M	14965	-33.69	RMS	39.70	-10.85	0.52	-95.23	32.17	-13.00	-20.69	V	Main

<Sample 2>

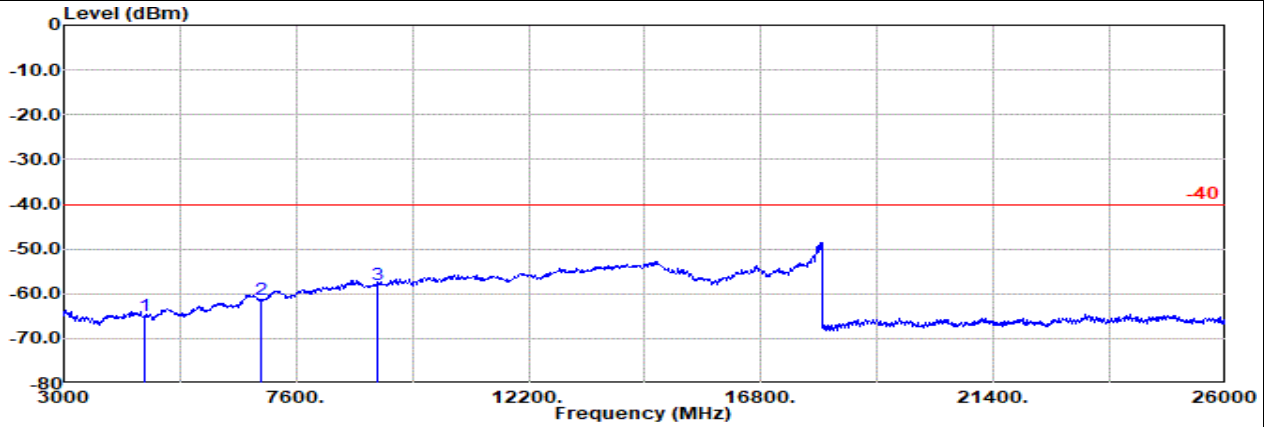
Mode	Part	Band	Ch	Freq (MHz)	Level (dBm)	Det	Ant Factor (dB)	Amp\Cbl (dB)	Filter (dB)	EIRPCF (dB)	Reading (dBuV)	Limit (dBm)	Margin (dB)	Pol	Ant
1	Part 24E	NR SA n25	H	7585	-44.61	RMS	36.30	-16.62	0.53	-95.23	30.41	-13.00	-31.61	H	Main
1	Part 27F	NR SA n13	M	1560	-61.06	RMS	25.30	-24.23	0.57	-95.23	32.53	-42.15	-18.91	V	Main
2	Part 27F	NR SA n13	M	3111	-55.58	RMS	29.82	-21.09	0.28	-95.23	30.64	-13.00	-42.58	H	Main
1	Part 27Q	EN-DC B5+n77	H	17656	-32.49	RMS	39.55	-9.83	0.63	-95.23	32.39	-13.00	-19.49	H	LTE:MIMO2 +5GNR:Main
1	Part 27O	NR SA n77	L	14805	-33.69	RMS	40.18	-11.10	0.50	-95.23	31.96	-13.00	-20.69	H	MIMO2



<Sample 1>

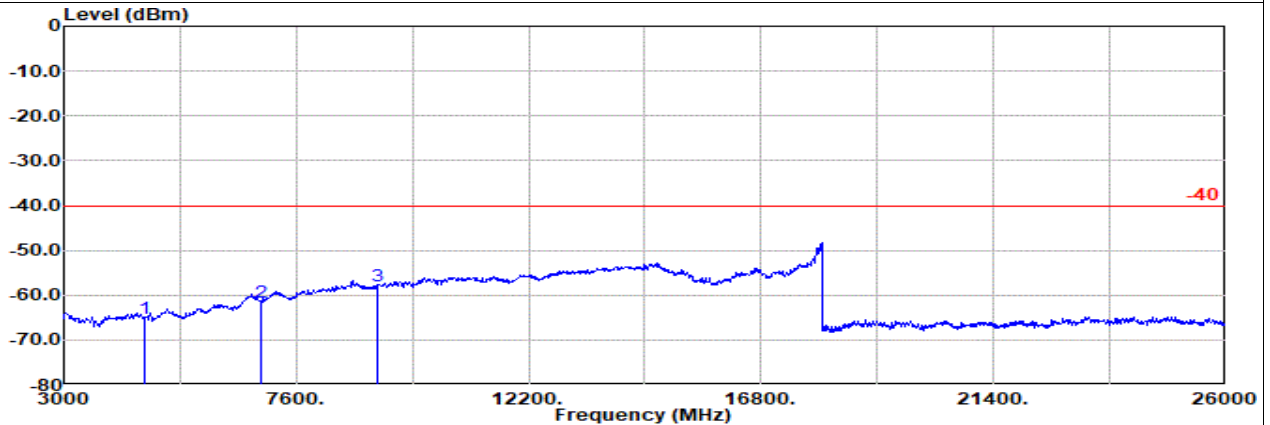
Main

Part 27D Mode 1
NR SA n30 5M Ch461500 1RB1 BPSK
L



Site : 03CH16-HY
Condition: -40 3m 9120D-1522_230323 Horizontal
: NR SA n30 5M Ch461500 1RB1 BPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin	Pol	
			Factor	1						dB
MHz	dBm		dB/m	dB	dB	dBuV	dBm	dB		
1 4611.00	-64.98	RMS	31.74	-56.13	0.51	-95.23	54.13	-40.00	-24.98	Horizontal
2 6917.00	-61.15	RMS	35.83	-53.13	0.39	-95.23	50.99	-40.00	-21.15	Horizontal
3 9222.00	-57.88	RMS	38.10	-51.69	0.58	-95.23	50.36	-40.00	-17.88	Horizontal



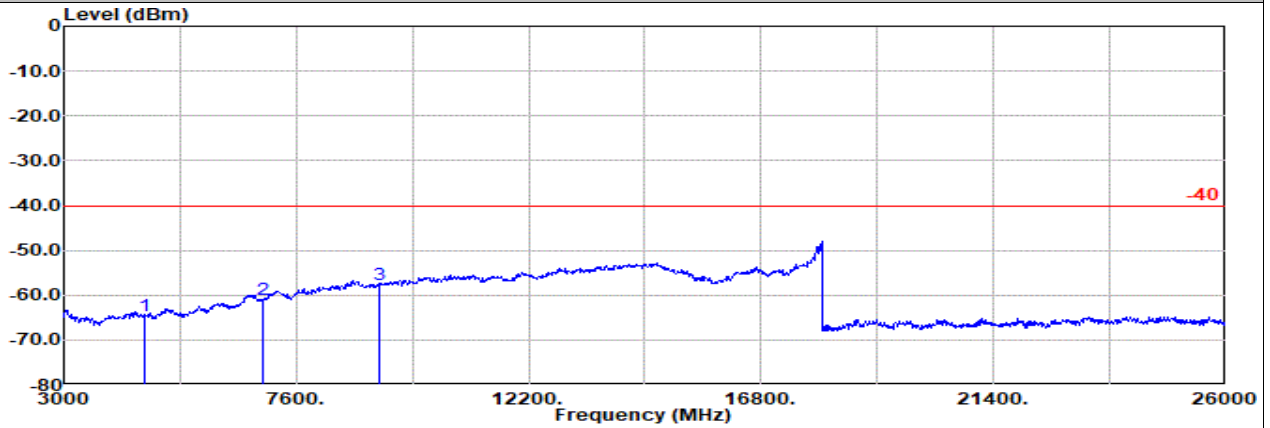
Site : 03CH16-HY
Condition: -40 3m 9120D-1522_230323 Vertical
: NR SA n30 5M Ch461500 1RB1 BPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin	Pol	
			Factor	1						dB
MHz	dBm		dB/m	dB	dB	dBuV	dBm	dB		
1 4611.00	-65.26	RMS	31.74	-56.13	0.51	-95.23	53.85	-40.00	-25.26	Vertical
2 6917.00	-61.60	RMS	35.83	-53.13	0.39	-95.23	50.54	-40.00	-21.60	Vertical
3 9222.00	-57.85	RMS	38.10	-51.69	0.58	-95.23	50.39	-40.00	-17.85	Vertical



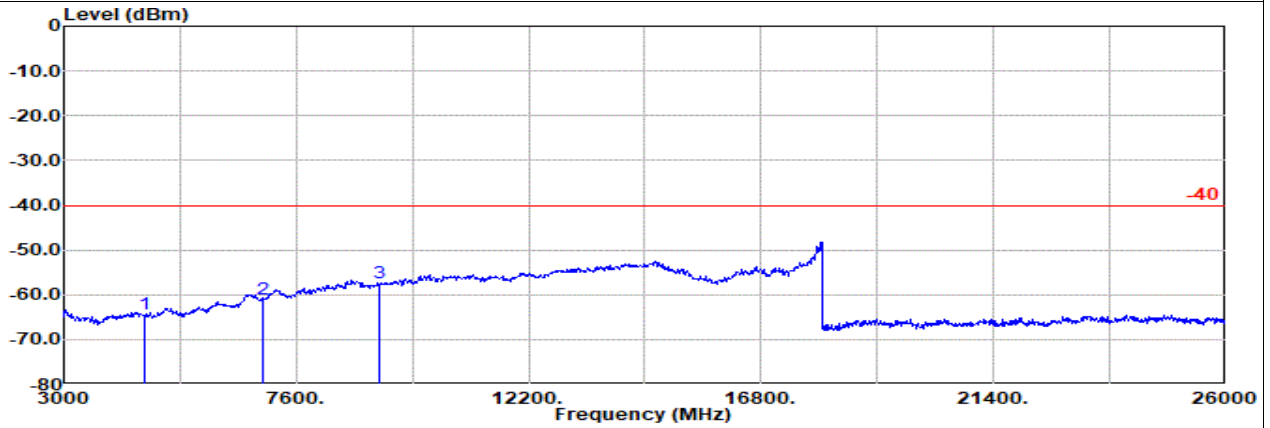
Main

Part 27D Mode 1
NR SA n30 5M Ch462000 1RB1 BPSK
M



Site : 03CH16-HY
Condition: -40 3m 9120D-1522_230323 Horizontal
NR SA n30 5M Ch462000 1RB1 BPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit	Margin	Pol		
			Factor	1						dB	dB
1	4616.00	-64.48	RMS	31.76	-56.12	0.50	-95.23	54.61	-40.00	-24.48	Horizontal
2	6924.00	-61.01	RMS	35.85	-53.13	0.39	-95.23	51.11	-40.00	-21.01	Horizontal
3	9232.00	-57.67	RMS	38.10	-51.69	0.57	-95.23	50.58	-40.00	-17.67	Horizontal



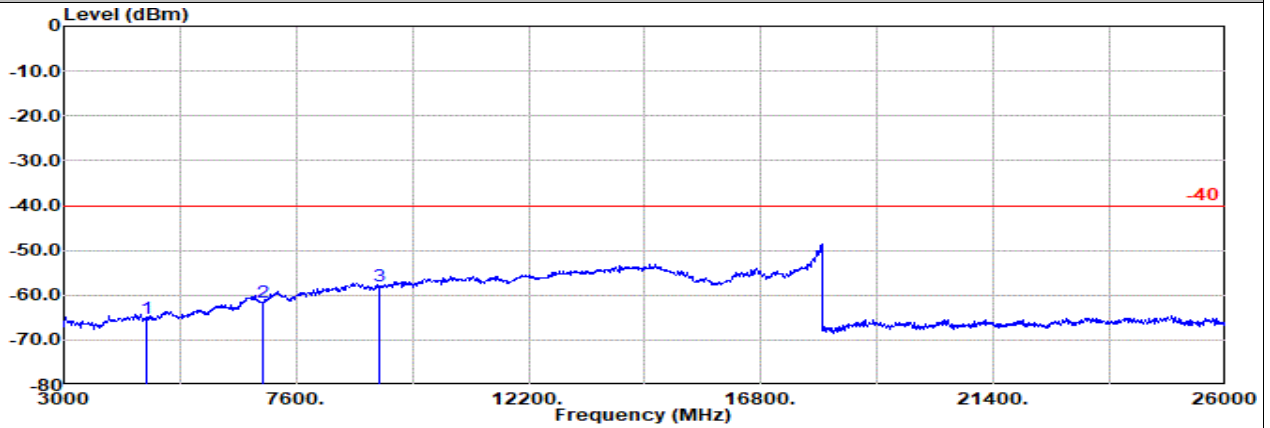
Site : 03CH16-HY
Condition: -40 3m 9120D-1522_230323 Vertical
NR SA n30 5M Ch462000 1RB1 BPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit	Margin	Pol		
			Factor	1						dB	dB
1	4616.00	-64.33	RMS	31.76	-56.12	0.50	-95.23	54.76	-40.00	-24.33	Vertical
2	6924.00	-61.02	RMS	35.85	-53.13	0.39	-95.23	51.10	-40.00	-21.02	Vertical
3	9232.00	-57.42	RMS	38.10	-51.69	0.57	-95.23	50.83	-40.00	-17.42	Vertical



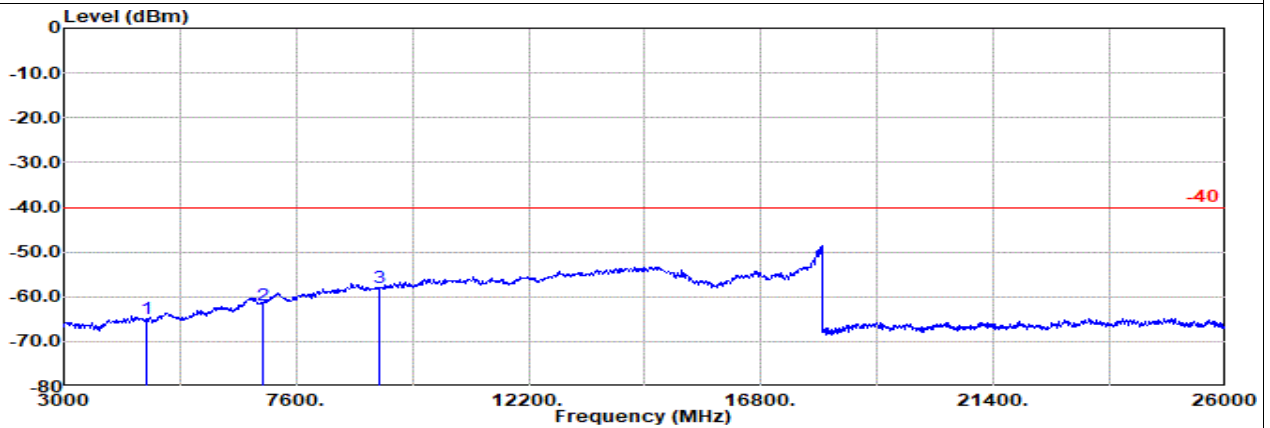
Main

Part 27D Mode 1
NR SA n30 5M Ch462500 1RB1 BPSK
H



Site : 03CH16-HY
Condition: -40 3m 9120D-1522_230323 Horizontal
: NR SA n30 5M Ch462500 1RB1 BPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit	Margin	Pol
			Factor	1					
1	4621.00	-65.07 RMS	31.78	-56.12	0.50	-95.23	54.00	-40.00	-25.07 Horizontal
2	6931.00	-61.56 RMS	35.86	-53.14	0.38	-95.23	50.57	-40.00	-21.56 Horizontal
3	9242.00	-57.88 RMS	38.10	-51.69	0.56	-95.23	50.38	-40.00	-17.88 Horizontal



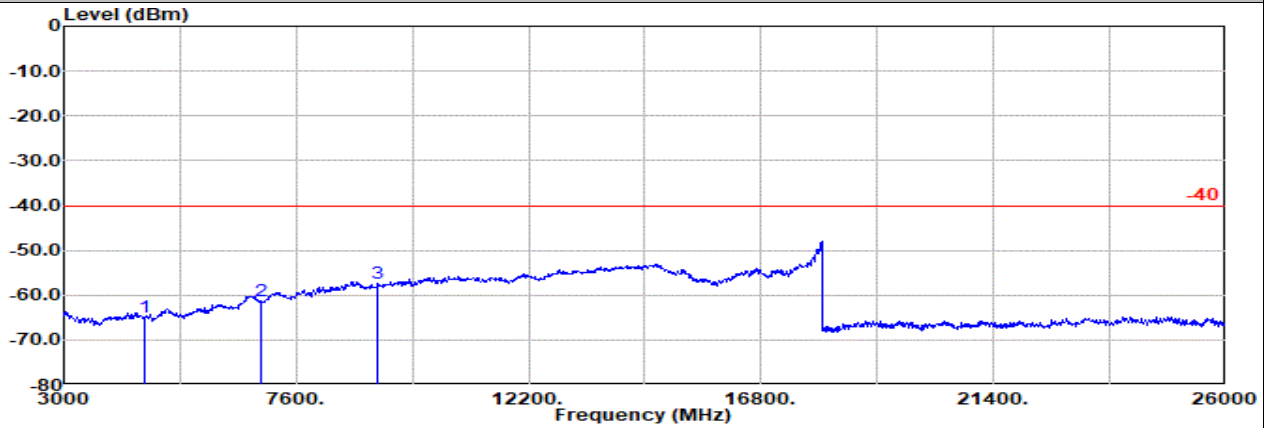
Site : 03CH16-HY
Condition: -40 3m 9120D-1522_230323 Vertical
: NR SA n30 5M Ch462500 1RB1 BPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit	Margin	Pol
			Factor	1					
1	4621.00	-64.97 RMS	31.78	-56.12	0.50	-95.23	54.10	-40.00	-24.97 Vertical
2	6931.00	-61.76 RMS	35.86	-53.14	0.38	-95.23	50.37	-40.00	-21.76 Vertical
3	9242.00	-57.84 RMS	38.10	-51.69	0.56	-95.23	50.42	-40.00	-17.84 Vertical



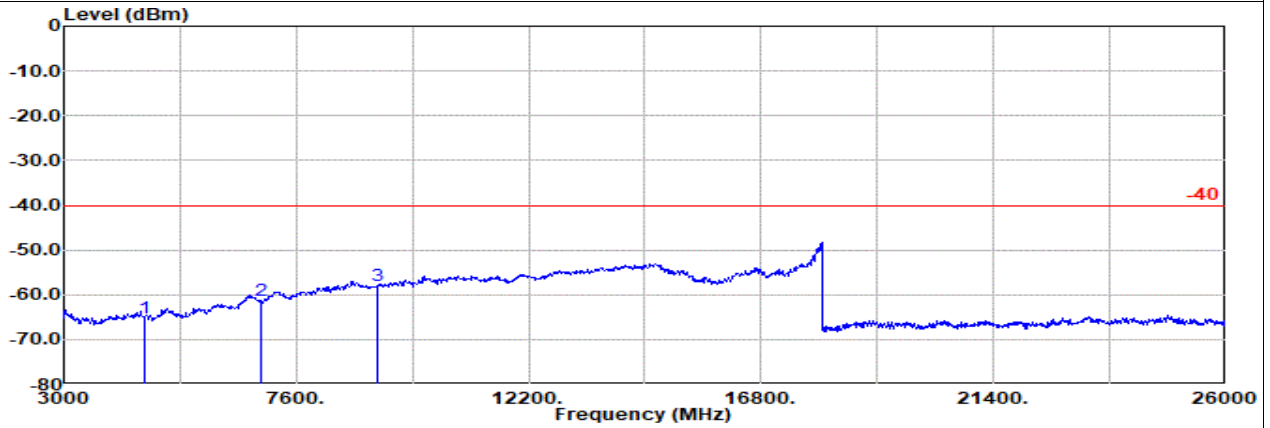
Main

Part 27D Mode 2
NR SA n30 10M Ch462000 1RB1 BPSK
M



Site : 03CH16-HY
Condition: -40 3m 9120D-1522_230323 Horizontal
: NR SA n30 10M Ch462000 1RB1 BPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit	Margin	Pol		
			Factor	1						dB	dB
1	4612.00	-64.82	RMS	31.75	-56.13	0.51	-95.23	54.28	-40.00	-24.82	Horizontal
2	6917.00	-61.39	RMS	35.83	-53.13	0.39	-95.23	50.75	-40.00	-21.39	Horizontal
3	9223.00	-57.48	RMS	38.10	-51.69	0.58	-95.23	50.76	-40.00	-17.48	Horizontal



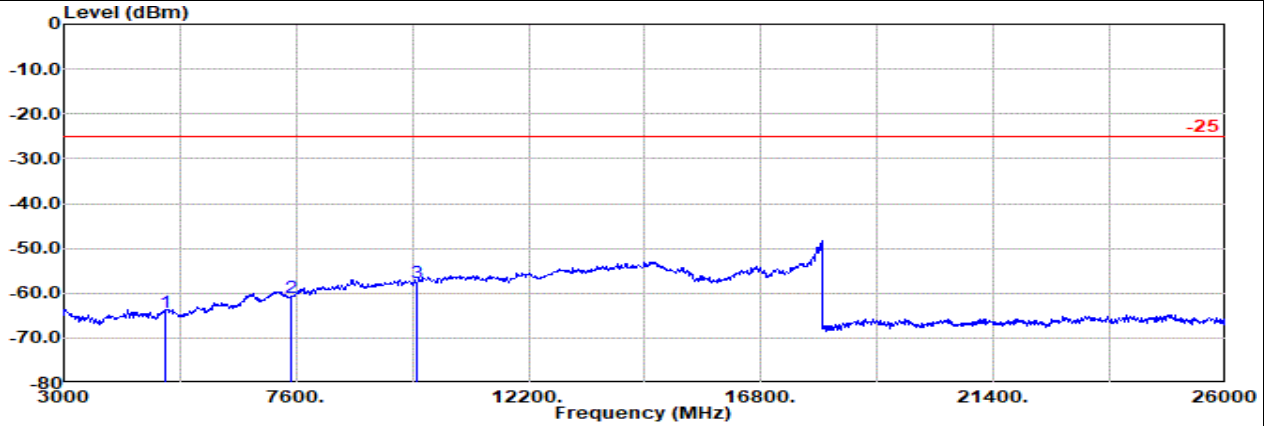
Site : 03CH16-HY
Condition: -40 3m 9120D-1522_230323 Vertical
: NR SA n30 10M Ch462000 1RB1 BPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit	Margin	Pol		
			Factor	1						dB	dB
1	4612.00	-65.09	RMS	31.75	-56.13	0.51	-95.23	54.01	-40.00	-25.09	Vertical
2	6917.00	-61.37	RMS	35.83	-53.13	0.39	-95.23	50.77	-40.00	-21.37	Vertical
3	9223.00	-57.87	RMS	38.10	-51.69	0.58	-95.23	50.37	-40.00	-17.87	Vertical



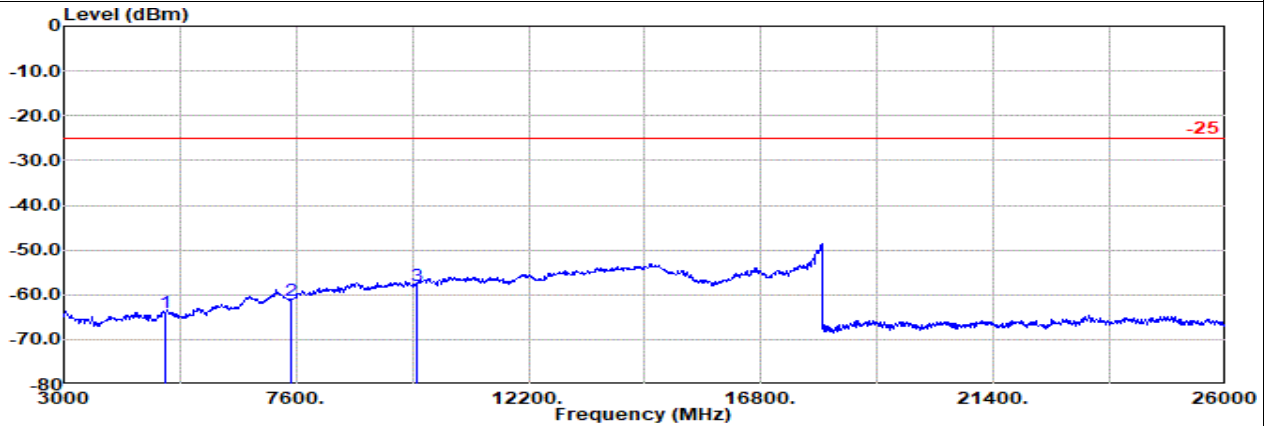
Main

Part 27M Mode 1
NR SA n41 20M Ch501198 1RB1 BPSK
L



Site : 03CH16-HY
Condition: -25 3m 9120D-1522_230323 Horizontal
: NR SA n41 20M Ch501198 1RB1 BPSK

1	2	3	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit	Margin	Pol	
						Factor	1						dB
			4994.00	-64.28	RMS	33.15	-55.30	0.45	-95.23	0.00	-25.00	-39.28	Horizontal
			7491.00	-60.93	RMS	36.32	-52.91	0.45	-95.23	50.44	-25.00	-35.93	Horizontal
			9989.00	-57.57	RMS	38.36	-51.52	0.35	-95.23	50.47	-25.00	-32.57	Horizontal



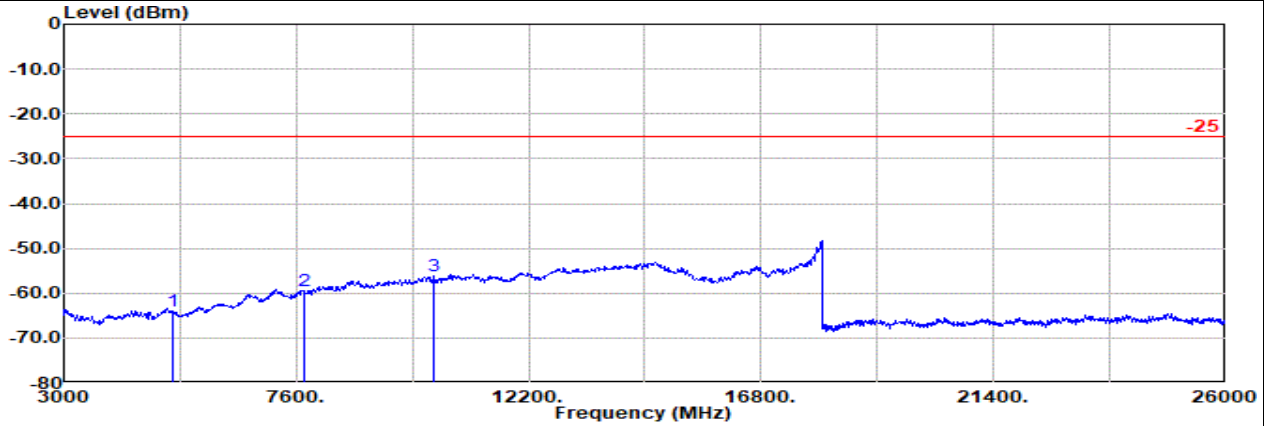
Site : 03CH16-HY
Condition: -25 3m 9120D-1522_230323 Vertical
: NR SA n41 20M Ch501198 1RB1 BPSK

1	2	3	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit	Margin	Pol	
						Factor	1						dB
			4994.00	-64.14	RMS	33.15	-55.30	0.45	-95.23	52.79	-25.00	-39.14	Vertical
			7491.00	-61.42	RMS	36.32	-52.91	0.45	-95.23	49.95	-25.00	-36.42	Vertical
			9989.00	-57.88	RMS	38.36	-51.52	0.35	-95.23	50.16	-25.00	-32.88	Vertical



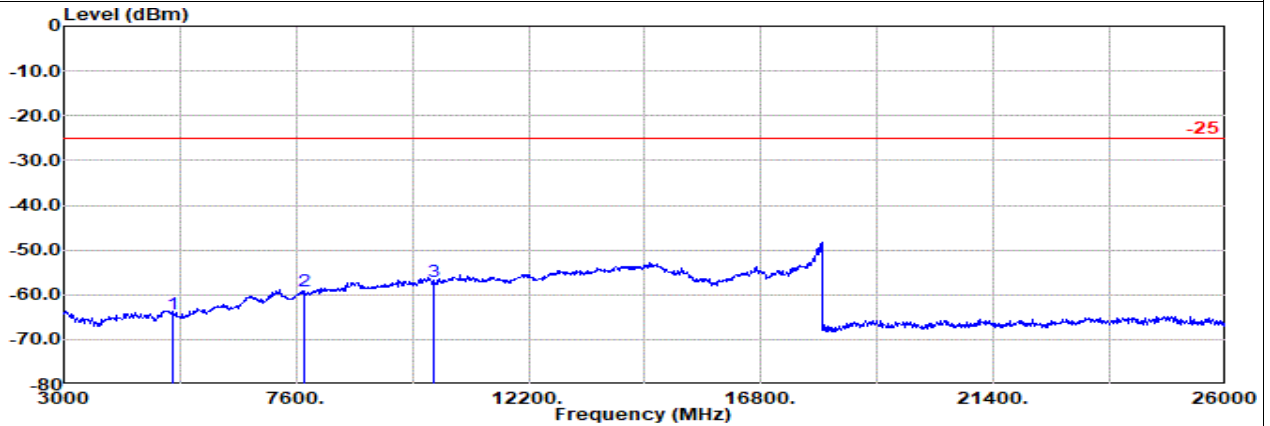
Main

Part 27M Mode 1
NR SA n41 20M Ch518598 1RB1 BPSK
M



Site : 03CH16-HY
Condition: -25 3m 9120D-1522_230323 Horizontal
: NR SA n41 20M Ch518598 1RB1 BPSK

1	2	3	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit	Margin	Pol	
						Factor	1						dB
			5168.00	-64.03	RMS	33.00	-55.05	0.46	-95.23	52.79	-25.00	-39.03	Horizontal
			7752.00	-59.58	RMS	36.70	-52.50	0.46	-95.23	50.99	-25.00	-34.58	Horizontal
			10337.00	-56.27	RMS	38.70	-51.08	0.35	-95.23	50.99	-25.00	-31.27	Horizontal



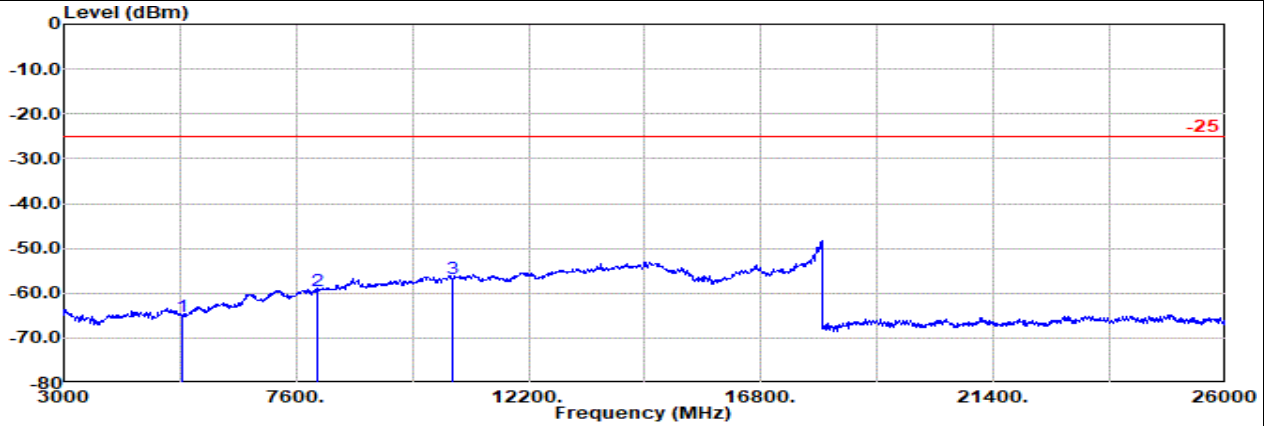
Site : 03CH16-HY
Condition: -25 3m 9120D-1522_230323 Vertical
: NR SA n41 20M Ch518598 1RB1 BPSK

1	2	3	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit	Margin	Pol	
						Factor	1						dB
			5168.00	-64.20	RMS	33.00	-55.05	0.46	-95.23	52.62	-25.00	-39.20	Vertical
			7752.00	-59.32	RMS	36.70	-52.50	0.46	-95.23	51.25	-25.00	-34.32	Vertical
			10337.00	-56.95	RMS	38.70	-51.08	0.35	-95.23	50.31	-25.00	-31.95	Vertical



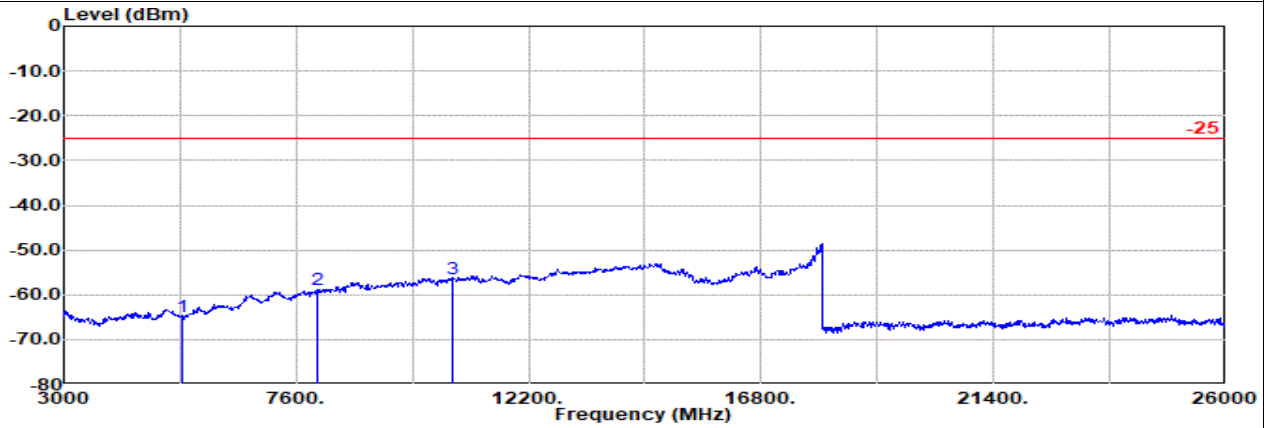
Main

Part 27M Mode 1
NR SA n41 20M Ch535998 1RB1 BPSK
H



Site : 03CH16-HY
Condition: -25 3m 9120D-1522_230323 Horizontal
: NR SA n41 20M Ch535998 1RB1 BPSK

1	2	3	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit	Margin	Pol	
						Factor	1						dB
			5342.00	-65.14	RMS	32.92	-54.87	0.41	-95.23	51.63	-25.00	-40.14	Horizontal
			8013.00	-59.45	RMS	37.00	-52.40	0.56	-95.23	50.62	-25.00	-34.45	Horizontal
			10685.00	-56.71	RMS	39.20	-50.36	0.35	-95.23	49.33	-25.00	-31.71	Horizontal



Site : 03CH16-HY
Condition: -25 3m 9120D-1522_230323 Vertical
: NR SA n41 20M Ch535998 1RB1 BPSK

1	2	3	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit	Margin	Pol	
						Factor	1						dB
			5342.00	-65.00	RMS	32.92	-54.87	0.41	-95.23	51.77	-25.00	-40.00	Vertical
			8013.00	-58.91	RMS	37.00	-52.40	0.56	-95.23	51.16	-25.00	-33.91	Vertical
			10685.00	-56.50	RMS	39.20	-50.36	0.35	-95.23	49.54	-25.00	-31.50	Vertical

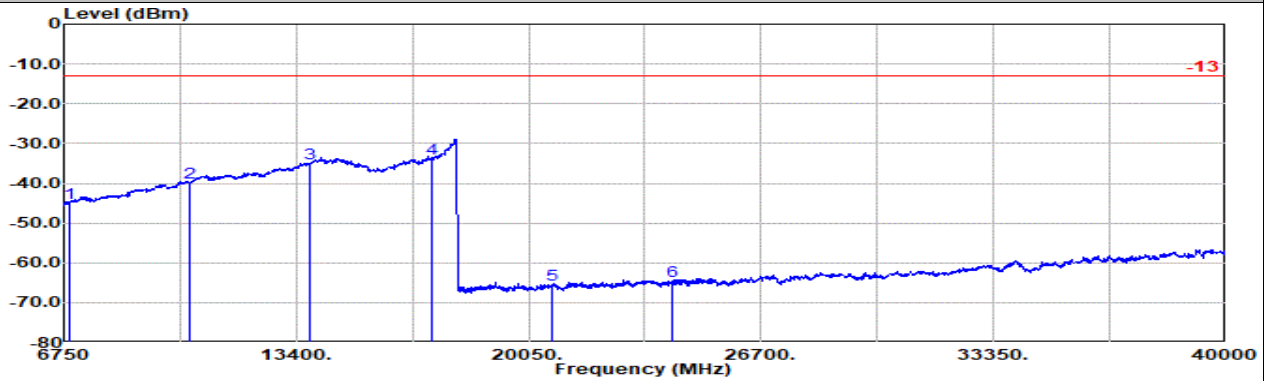


LTE : MIMO2 + 5GNR : Main

Part 27Q Mode 2

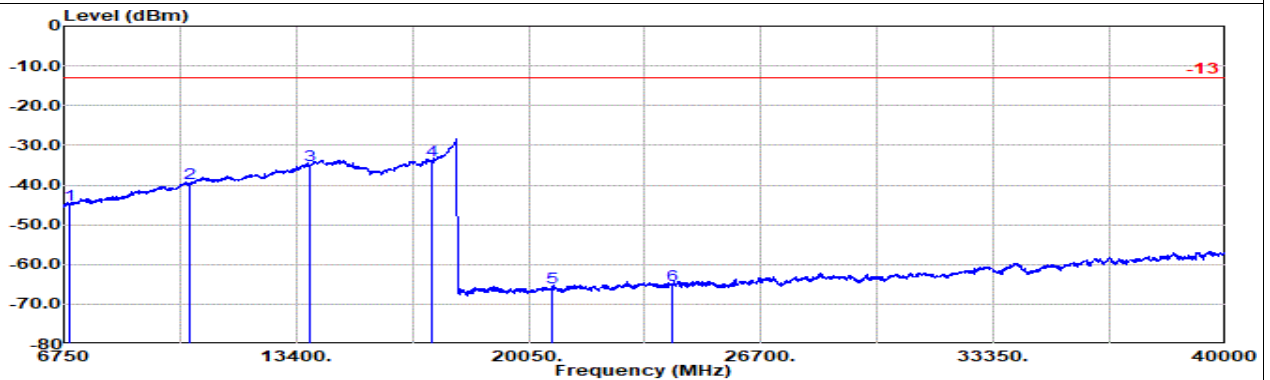
EN-DC B5+n78 10M + 20M Ch20525 1RB0 QPSK + Ch630668 1RB1 BPSK

L



Site : 03CH16-HY
 Condition: -13 3m 9120D-1522_230323 Horizontal
 : LTE Band 5 10M Ch20525 1RB0 QPSK
 : NR SA n78 20M Ch630668 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp	Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB	dBuV	dBm	dB	
1	6902.00	-45.03	RMS	35.80	-17.30	1.25	-95.23	0.00	-13.00	-32.03	Horizontal	
2	10353.00	-39.83	RMS	38.70	-14.11	0.45	-95.23	30.36	-13.00	-26.83	Horizontal	
3	13805.00	-35.11	RMS	40.50	-12.52	0.42	-95.23	31.72	-13.00	-22.11	Horizontal	
4	17256.00	-33.84	RMS	38.21	-10.31	0.63	-95.23	32.86	-13.00	-20.84	Horizontal	
5	20707.00	-65.56	RMS	38.17	-48.64	-9.54	-95.23	49.68	-13.00	-52.56	Horizontal	
6	24159.00	-64.60	RMS	38.96	-46.78	-9.54	-95.23	47.99	-13.00	-51.60	Horizontal	



Site : 03CH16-HY
 Condition: -13 3m 9120D-1522_230323 Vertical
 : LTE Band 5 10M Ch20525 1RB0 QPSK
 : NR SA n78 20M Ch630668 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp	Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB	dBuV	dBm	dB	
1	6902.00	-45.04	RMS	35.80	-17.30	1.25	-95.23	30.44	-13.00	-32.04	Vertical	
2	10353.00	-39.50	RMS	38.70	-14.11	0.45	-95.23	30.69	-13.00	-26.50	Vertical	
3	13805.00	-35.10	RMS	40.50	-12.52	0.42	-95.23	31.73	-13.00	-22.10	Vertical	
4	17256.00	-33.71	RMS	38.21	-10.31	0.63	-95.23	32.99	-13.00	-20.71	Vertical	
5	20707.00	-65.76	RMS	38.17	-48.64	-9.54	-95.23	49.48	-13.00	-52.76	Vertical	
6	24159.00	-65.11	RMS	38.96	-46.78	-9.54	-95.23	47.48	-13.00	-52.11	Vertical	

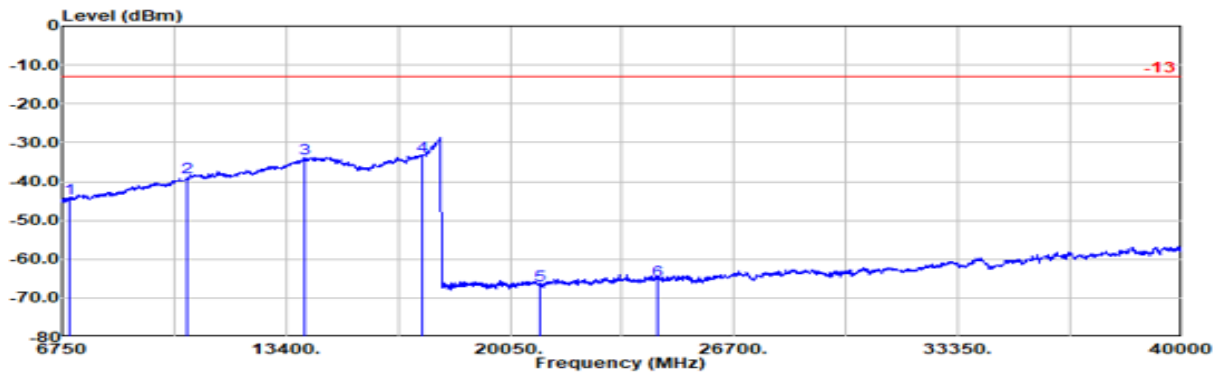


LTE : MIMO2 + 5GNR : Main

Part 27Q Mode 2

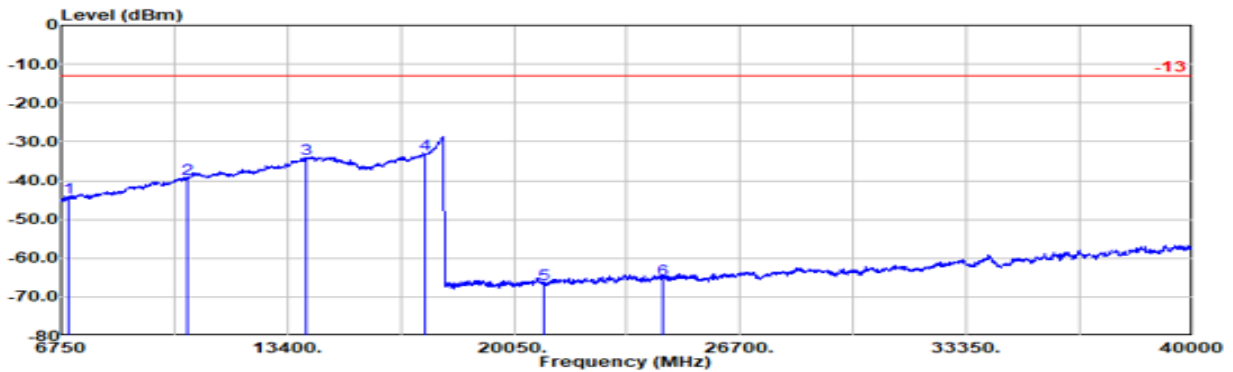
EN-DC B5+n78 10M + 20M Ch20525 1RB0 QPSK + Ch633334 1RB1 BPSK

M



Site : 03CH16-HY
 Condition: -13 3m 9120D-1522_230323 Horizontal
 : LTE Band 5 10M Ch20525 1RB0 QPSK
 : NR SA n78 20M Ch633334 1RB1 BPSK

Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1 6982.00	-44.27	RMS	35.90	-17.36	1.32	-95.23	31.10	-13.00	-31.27	Horizontal
2 10473.00	-38.96	RMS	38.70	-13.87	0.45	-95.23	30.99	-13.00	-25.96	Horizontal
3 13965.00	-34.22	RMS	40.97	-12.25	0.42	-95.23	31.87	-13.00	-21.22	Horizontal
4 17456.00	-33.50	RMS	38.71	-10.25	0.63	-95.23	32.64	-13.00	-20.50	Horizontal
5 20947.00	-66.79	RMS	37.88	-48.53	-9.54	-95.23	48.63	-13.00	-53.79	Horizontal
6 24438.00	-65.60	RMS	39.15	-46.51	-9.54	-95.23	46.53	-13.00	-52.60	Horizontal



Site : 03CH16-HY
 Condition: -13 3m 9120D-1522_230323 Vertical
 : LTE Band 5 10M Ch20525 1RB0 QPSK
 : NR SA n78 20M Ch633334 1RB1 BPSK

Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1 6982.00	-44.29	RMS	35.90	-17.36	1.32	-95.23	31.08	-13.00	-31.29	Vertical
2 10473.00	-39.54	RMS	38.70	-13.87	0.45	-95.23	30.41	-13.00	-26.54	Vertical
3 13965.00	-34.40	RMS	40.97	-12.25	0.42	-95.23	31.69	-13.00	-21.40	Vertical
4 17456.00	-33.21	RMS	38.71	-10.25	0.63	-95.23	32.93	-13.00	-20.21	Vertical
5 20947.00	-66.62	RMS	37.88	-48.53	-9.54	-95.23	48.80	-13.00	-53.62	Vertical
6 24438.00	-65.52	RMS	39.15	-46.51	-9.54	-95.23	46.61	-13.00	-52.52	Vertical

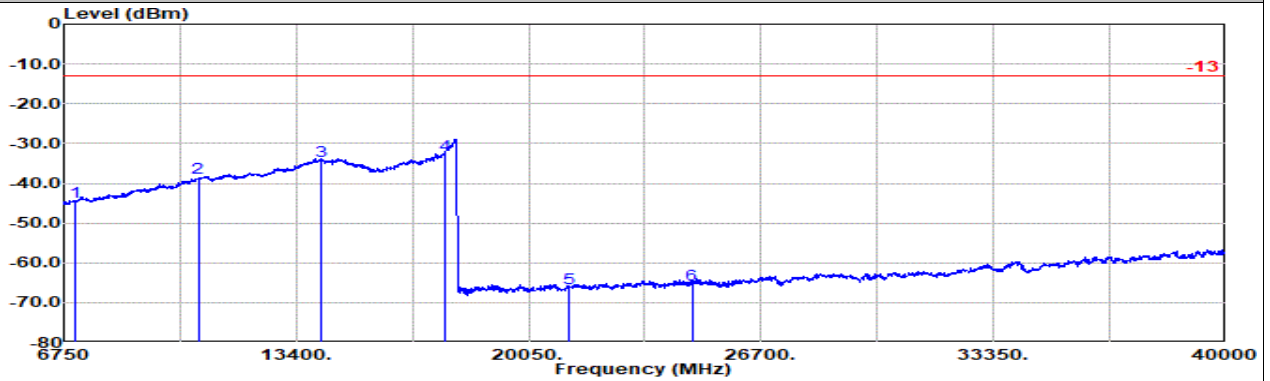


LTE : MIMO2 + 5GNR : Main

Part 27Q Mode 2

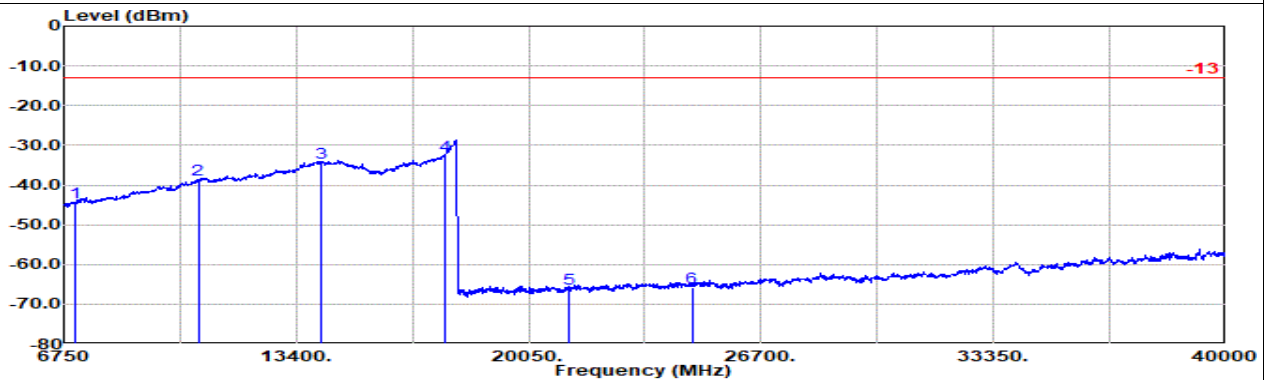
EN-DC B5+n78 10M + 20M Ch20525 1RB0 QPSK + Ch636000 1RB1 BPSK

H



Site : 03CH16-HY
 Condition: -13 3m 9120D-1522_230323 Horizontal
 : LTE Band 5 10M Ch20525 1RB0 QPSK
 : SA n78 20M Ch636000 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7062.00	-44.57	RMS	36.25	-17.34	1.21	-95.23	30.54	-13.00	-31.57	Horizontal
2	10593.00	-38.55	RMS	38.97	-13.87	0.45	-95.23	31.13	-13.00	-25.55	Horizontal
3	14125.00	-34.34	RMS	41.05	-12.20	0.43	-95.23	31.61	-13.00	-21.34	Horizontal
4	17656.00	-32.83	RMS	39.55	-9.83	0.63	-95.23	32.05	-13.00	-19.83	Horizontal
5	21187.00	-66.31	RMS	38.10	-48.51	-9.54	-95.23	48.87	-13.00	-53.31	Horizontal
6	24718.00	-65.54	RMS	39.29	-46.41	-9.54	-95.23	46.35	-13.00	-52.54	Horizontal



Site : 03CH16-HY
 Condition: -13 3m 9120D-1522_230323 Vertical
 : LTE Band 5 10M Ch20525 1RB0 QPSK
 : SA n78 20M Ch636000 1RB1 BPSK

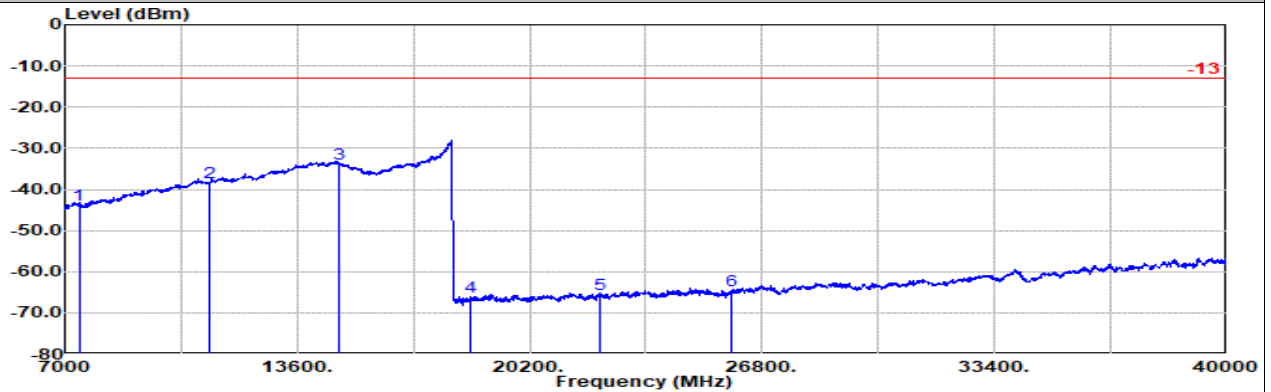
	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7062.00	-44.31	RMS	36.25	-17.34	1.21	-95.23	30.80	-13.00	-31.31	Vertical
2	10593.00	-38.75	RMS	38.97	-13.87	0.45	-95.23	30.93	-13.00	-25.75	Vertical
3	14125.00	-34.36	RMS	41.05	-12.20	0.43	-95.23	31.59	-13.00	-21.36	Vertical
4	17656.00	-32.68	RMS	39.55	-9.83	0.63	-95.23	32.20	-13.00	-19.68	Vertical
5	21187.00	-66.00	RMS	38.10	-48.51	-9.54	-95.23	49.18	-13.00	-53.00	Vertical
6	24718.00	-65.71	RMS	39.29	-46.41	-9.54	-95.23	46.18	-13.00	-52.71	Vertical



MIMO2

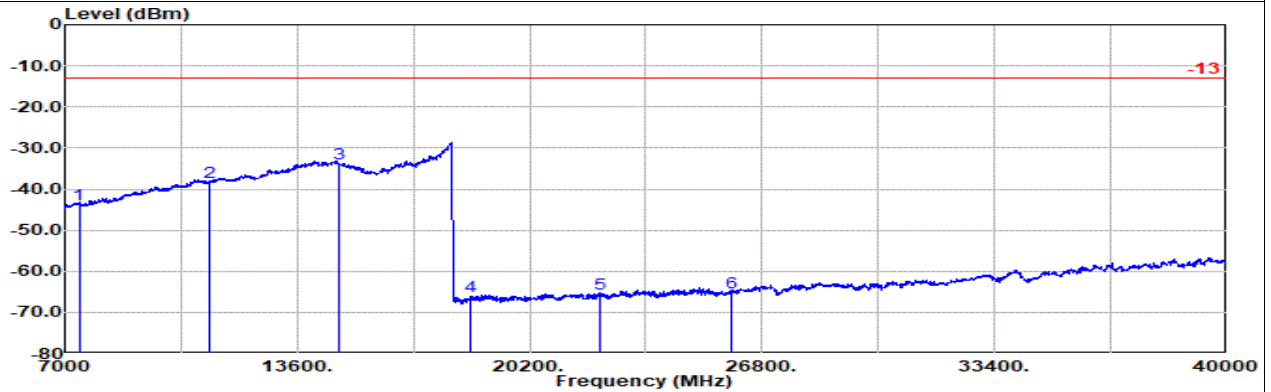
Part 270 Mode 2
NR SA n78 20M Ch647334 1RB1 BPSK

L



Site : 03CH16-HY
Condition: -13 3m 9120D-1522_230323 Horizontal
NR SA n78 20M Ch647334 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp	\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dB	dBuV	dBm	dB	
1	7402.00	-43.78	RMS	36.59	-16.80	0.90	-95.23	30.76	-13.00	-30.78	Horizontal	
2	11103.00	-38.46	RMS	38.91	-13.33	0.44	-95.23	30.75	-13.00	-25.46	Horizontal	
3	14805.00	-33.77	RMS	40.18	-11.10	0.50	-95.23	31.88	-13.00	-20.77	Horizontal	
4	18506.00	-66.00	RMS	38.10	-49.68	-9.54	-95.23	50.35	-13.00	-53.00	Horizontal	
5	22207.00	-65.54	RMS	38.33	-48.35	-9.54	-95.23	49.25	-13.00	-52.54	Horizontal	
6	25908.00	-64.74	RMS	39.06	-46.40	-9.54	-95.23	47.37	-13.00	-51.74	Horizontal	



Site : 03CH16-HY
Condition: -13 3m 9120D-1522_230323 Vertical
NR SA n78 20M Ch647334 1RB1 BPSK

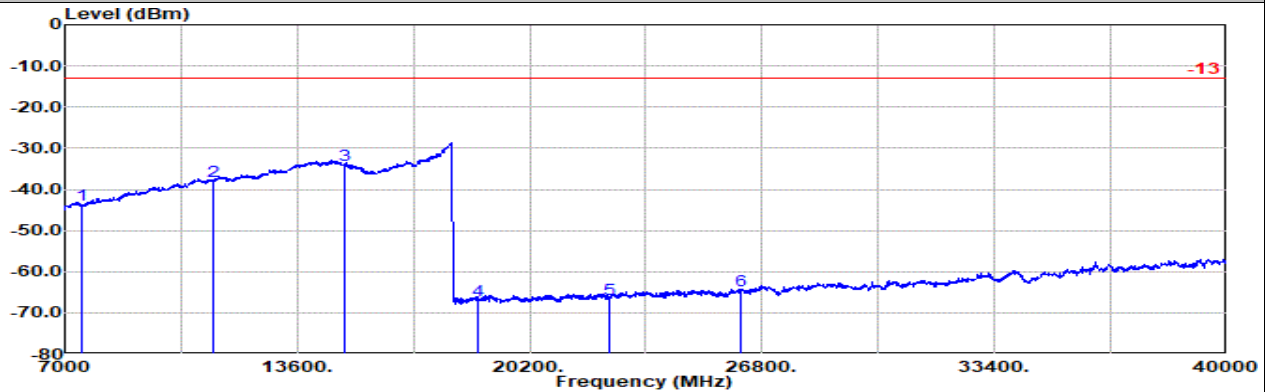
	Freq	Level	Detector	Ant Factor	Amp	\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dB	dBuV	dBm	dB	
1	7402.00	-43.72	RMS	36.59	-16.80	0.90	-95.23	30.82	-13.00	-30.72	Vertical	
2	11103.00	-38.33	RMS	38.91	-13.33	0.44	-95.23	30.88	-13.00	-25.33	Vertical	
3	14805.00	-33.90	RMS	40.18	-11.10	0.50	-95.23	31.75	-13.00	-20.90	Vertical	
4	18506.00	-66.24	RMS	38.10	-49.68	-9.54	-95.23	50.11	-13.00	-53.24	Vertical	
5	22207.00	-65.47	RMS	38.33	-48.35	-9.54	-95.23	49.32	-13.00	-52.47	Vertical	
6	25908.00	-65.31	RMS	39.06	-46.40	-9.54	-95.23	46.80	-13.00	-52.31	Vertical	



MIMO2

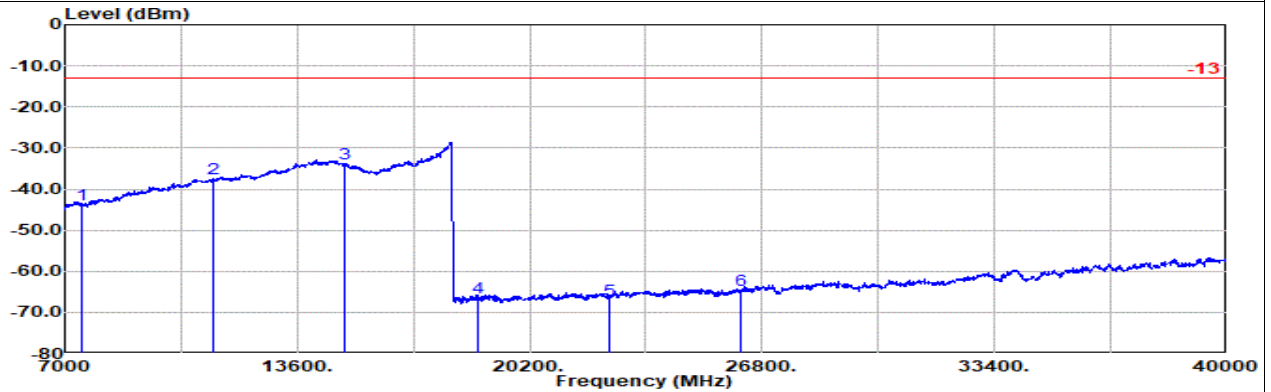
Part 270 Mode 2
NR SA n78 20M Ch650000 1RB1 BPSK

M



Site : 03CH16-HY
Condition: -13 3m 9120D-1522_230323 Horizontal
NR SA n78 20M Ch650000 1RB1 BPSK

1	2	3	4	5	6					
Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
7482.00	-43.77	RMS	36.34	-16.78	0.94	-95.23	30.96	-13.00	-30.77	Horizontal
11223.00	-37.93	RMS	39.00	-13.25	0.44	-95.23	31.11	-13.00	-24.93	Horizontal
14965.00	-34.14	RMS	39.70	-10.85	0.52	-95.23	31.72	-13.00	-21.14	Horizontal
18706.00	-66.93	RMS	38.02	-49.52	-9.54	-95.23	49.34	-13.00	-53.93	Horizontal
22447.00	-66.67	RMS	38.38	-48.16	-9.54	-95.23	47.88	-13.00	-53.67	Horizontal
26188.00	-64.61	RMS	39.10	-46.37	-9.54	-95.23	47.43	-13.00	-51.61	Horizontal



Site : 03CH16-HY
Condition: -13 3m 9120D-1522_230323 Vertical
NR SA n78 20M Ch650000 1RB1 BPSK

1	2	3	4	5	6					
Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
7482.00	-43.81	RMS	36.34	-16.78	0.94	-95.23	30.92	-13.00	-30.81	Vertical
11223.00	-37.56	RMS	39.00	-13.25	0.44	-95.23	31.48	-13.00	-24.56	Vertical
14965.00	-33.69	RMS	39.70	-10.85	0.52	-95.23	32.17	-13.00	-20.69	Vertical
18706.00	-66.55	RMS	38.02	-49.52	-9.54	-95.23	49.72	-13.00	-53.55	Vertical
22447.00	-66.88	RMS	38.38	-48.16	-9.54	-95.23	47.67	-13.00	-53.88	Vertical
26188.00	-64.54	RMS	39.10	-46.37	-9.54	-95.23	47.50	-13.00	-51.54	Vertical

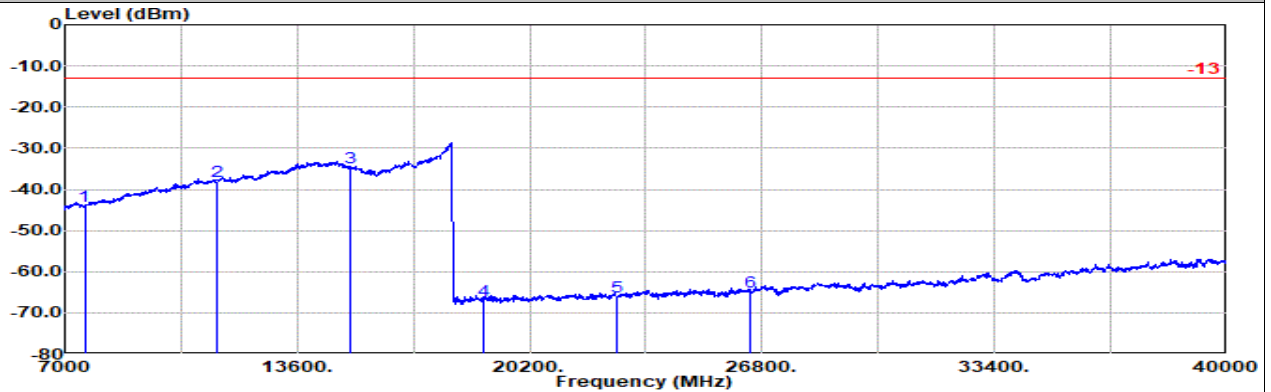


MIMO2

Part 270 Mode 2

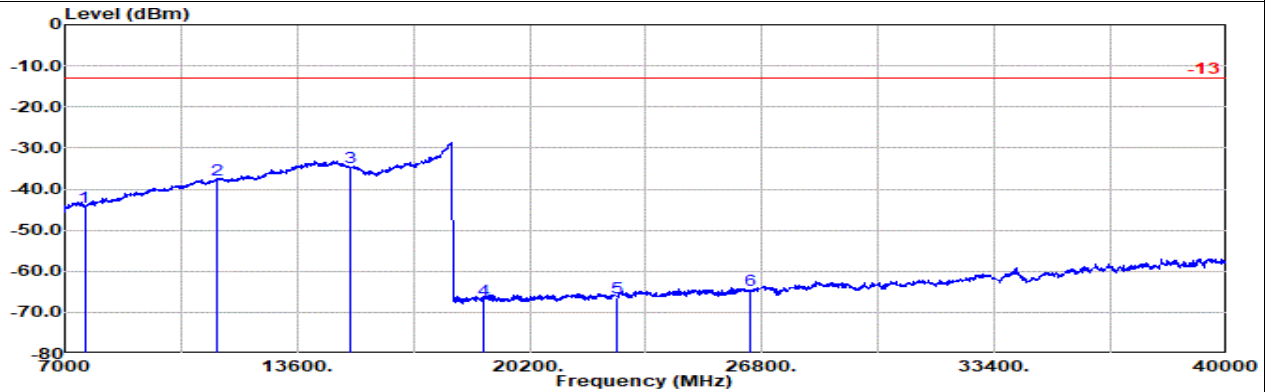
NR SA n78 20M Ch652666 1RB1 BPSK

H



Site : 03CH16-HY
 Condition: -13 3m 9120D-1522_230323 Horizontal
 : NR SA n78 20M Ch652666 1RB1 BPSK

1	2	3	4	5	6					
Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
7562.00	-44.14	RMS	36.30	-16.67	0.97	-95.23	30.49	-13.00	-31.14	Horizontal
11343.00	-37.94	RMS	39.10	-13.18	0.44	-95.23	30.93	-13.00	-24.94	Horizontal
15125.00	-34.81	RMS	39.05	-10.78	0.54	-95.23	31.61	-13.00	-21.81	Horizontal
18906.00	-67.07	RMS	38.25	-49.37	-9.54	-95.23	48.82	-13.00	-54.07	Horizontal
22687.00	-66.19	RMS	38.85	-48.03	-9.54	-95.23	47.76	-13.00	-53.19	Horizontal
26468.00	-64.82	RMS	39.54	-46.24	-9.54	-95.23	46.65	-13.00	-51.82	Horizontal



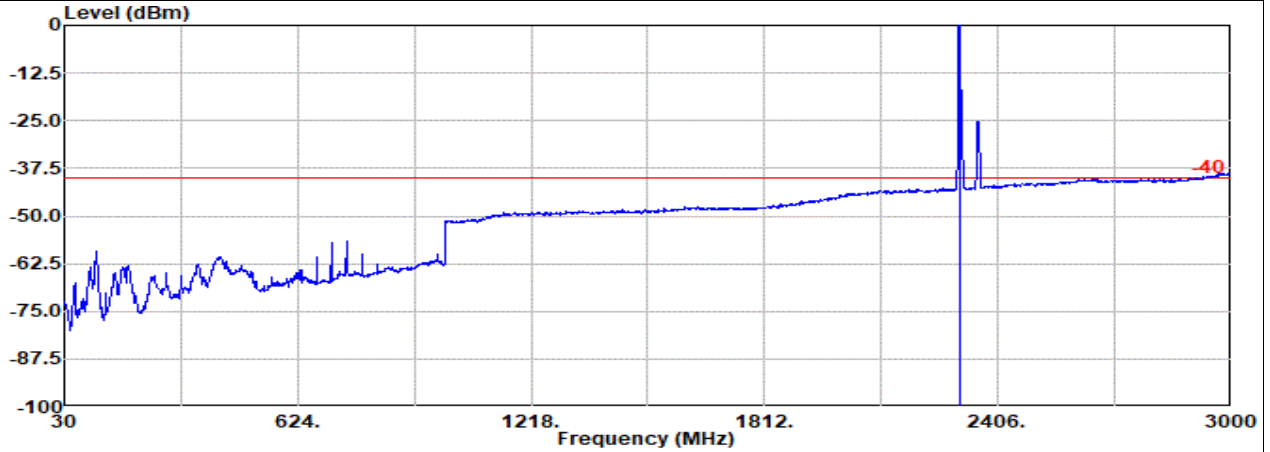
Site : 03CH16-HY
 Condition: -13 3m 9120D-1522_230323 Vertical
 : NR SA n78 20M Ch652666 1RB1 BPSK

1	2	3	4	5	6					
Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
7562.00	-44.32	RMS	36.30	-16.67	0.97	-95.23	30.31	-13.00	-31.32	Vertical
11343.00	-37.77	RMS	39.10	-13.18	0.44	-95.23	31.10	-13.00	-24.77	Vertical
15125.00	-34.83	RMS	39.05	-10.78	0.54	-95.23	31.59	-13.00	-21.83	Vertical
18906.00	-67.03	RMS	38.25	-49.37	-9.54	-95.23	48.86	-13.00	-54.03	Vertical
22687.00	-66.33	RMS	38.85	-48.03	-9.54	-95.23	47.62	-13.00	-53.33	Vertical
26468.00	-64.72	RMS	39.54	-46.24	-9.54	-95.23	46.75	-13.00	-51.72	Vertical



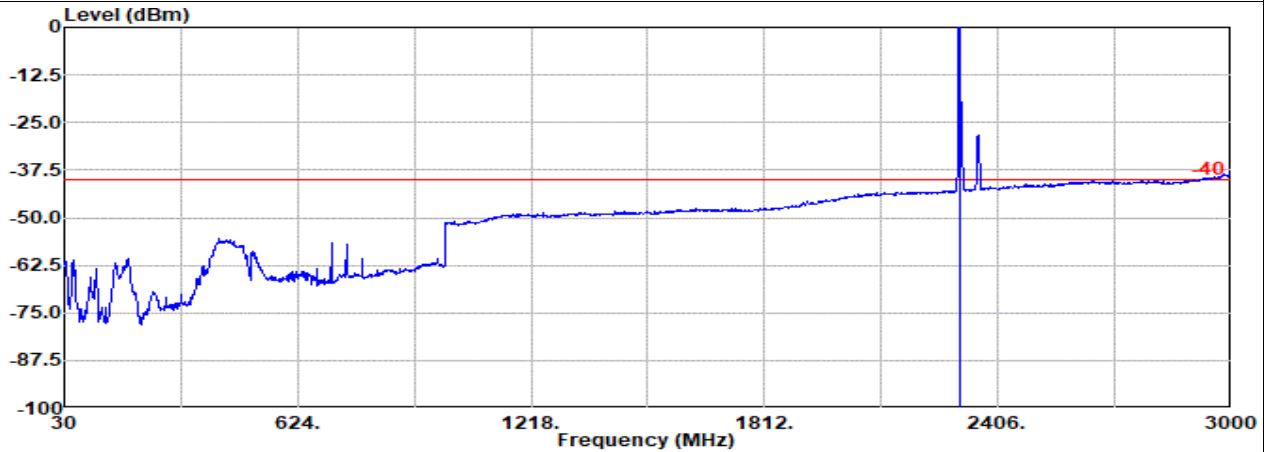
Main

Part 27D Mode 1
NR SA n30 5M Ch462000 1RB1 BPSK
M



Site : 03CH16-HY
Condition: -40 3m 9120D-1522_230323 Horizontal
NR SA n30 5M Ch462000 1RB1 BPSK

Freq	Level	Detector	Ant Factor	Amp	Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
MHz	dBm		dB/m	dB	dB	dB	dB	dBuV	dBm	dB	
1 2310.00	23.35	RMS	27.20	7.55	0.00	-95.23	83.83	-40.00	63.35	Horizontal	



Site : 03CH16-HY
Condition: -40 3m 9120D-1522_230323 Vertical
NR SA n30 5M Ch462000 1RB1 BPSK

Freq	Level	Detector	Ant Factor	Amp	Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
MHz	dBm		dB/m	dB	dB	dB	dB	dBuV	dBm	dB	
1 2310.00	20.49	RMS	27.20	7.55	0.00	-95.23	80.97	-40.00	60.49	Vertical	

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



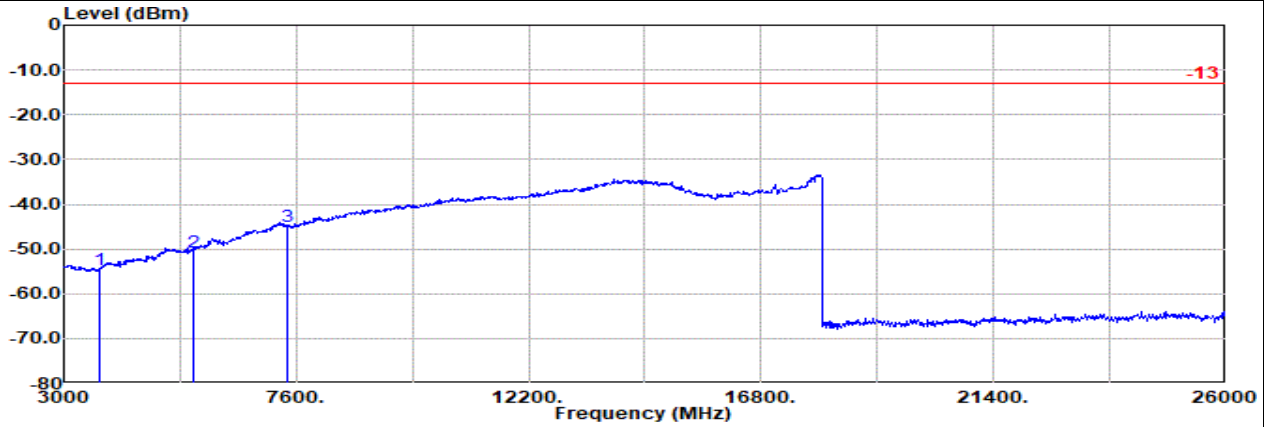
<Sample 2>

Main

Part 24E Mode 1

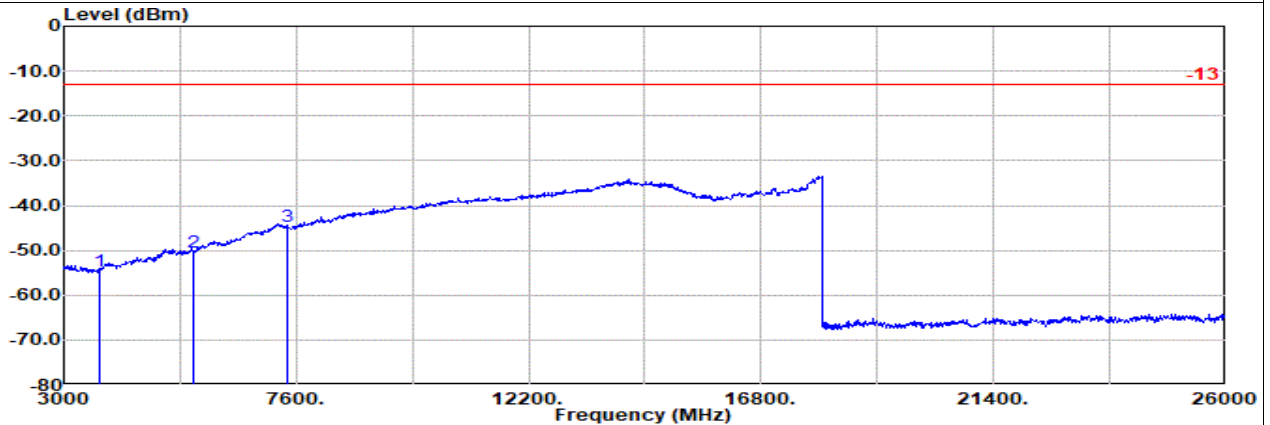
NR SA n25 20M Ch372000 1RB1 BPSK

L



Site : 03CH16-HY
 Condition: -13 3m 9120D-1522_230323 Horizontal
 : NR SA n25 20M Ch372000 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp	Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dB	dBuV	dBm	dB	dB
1	3703.00	-54.66	RMS	29.71	-20.12	0.81	-95.23	30.17	-13.00	-41.66	Horizontal	
2	5554.00	-50.64	RMS	32.90	-17.57	0.39	-95.23	28.87	-13.00	-37.64	Horizontal	
3	7405.00	-44.90	RMS	36.58	-16.80	0.37	-95.23	30.18	-13.00	-31.90	Horizontal	



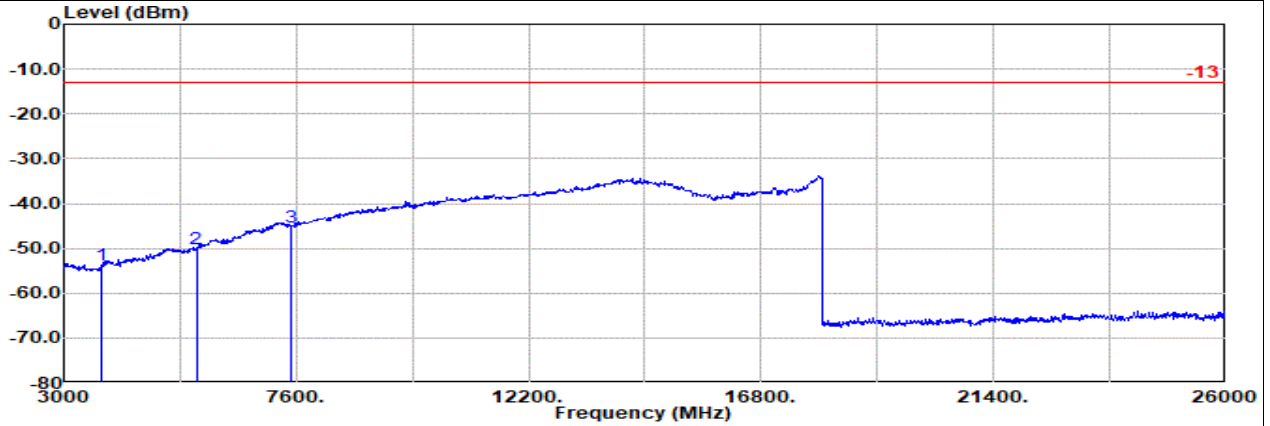
Site : 03CH16-HY
 Condition: -13 3m 9120D-1522_230323 Vertical
 : NR SA n25 20M Ch372000 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp	Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dB	dBuV	dBm	dB	dB
1	3703.00	-54.70	RMS	29.71	-20.12	0.81	-95.23	30.13	-13.00	-41.70	Vertical	
2	5554.00	-50.42	RMS	32.90	-17.57	0.39	-95.23	29.09	-13.00	-37.42	Vertical	
3	7405.00	-44.71	RMS	36.58	-16.80	0.37	-95.23	30.37	-13.00	-31.71	Vertical	



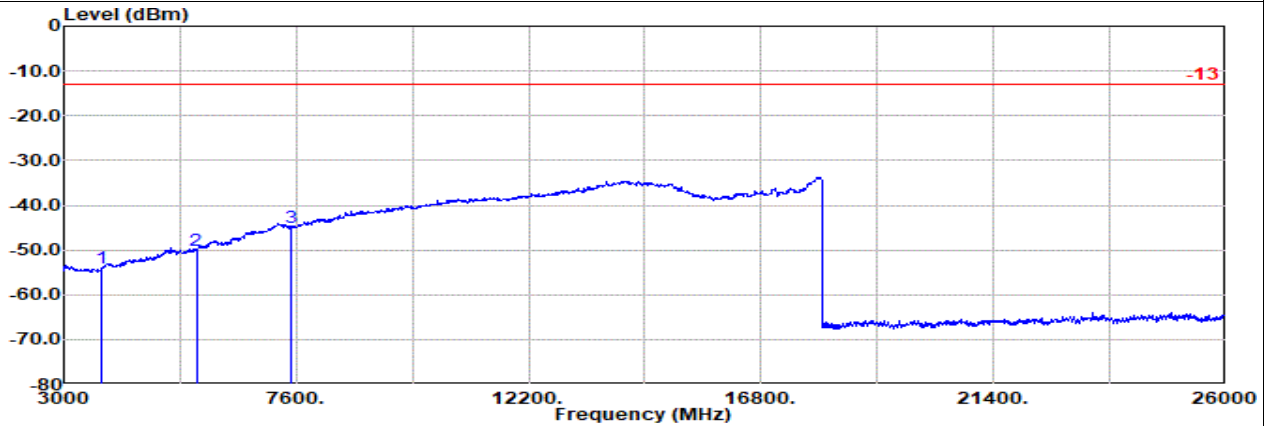
Main

Part 24E Mode 1
NR SA n25 20M Ch376500 1RB1 BPSK
M



Site : 03CH16-HY
Condition: -13 3m 9120D-1522_230323 Horizontal
: NR SA n25 20M Ch376500 1RB1 BPSK

1	2	3	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit dBm	Margin dB	Pol
						Factor	1					



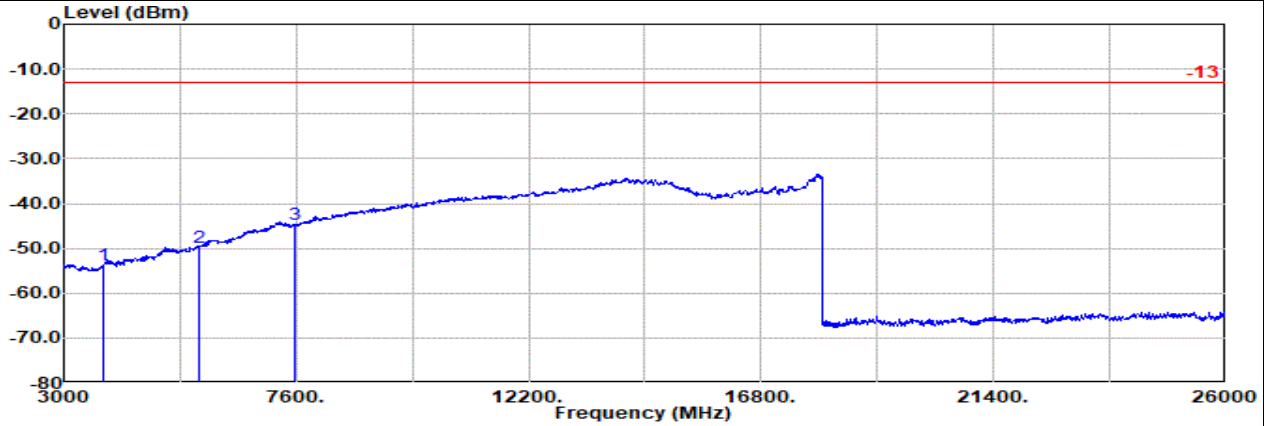
Site : 03CH16-HY
Condition: -13 3m 9120D-1522_230323 Vertical
: NR SA n25 20M Ch376500 1RB1 BPSK

1	2	3	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit dBm	Margin dB	Pol
						Factor	1					



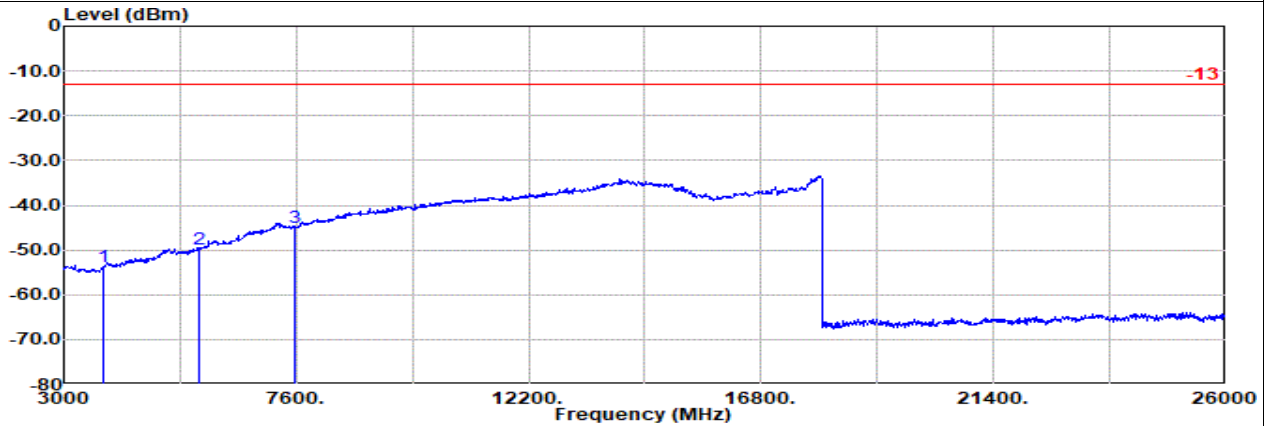
Main

Part 24E Mode 1
NR SA n25 20M Ch381000 1RB1 BPSK
H



Site : 03CH16-HY
Condition: -13 3m 9120D-1522_230323 Horizontal
: NR SA n25 20M Ch381000 1RB1 BPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit	Margin	Pol		
			Factor	1						dB	dB
1	3793.00	-53.73	RMS	30.24	-19.84	0.73	-95.23	30.37	-13.00	-40.73	Horizontal
2	5689.00	-49.77	RMS	33.33	-17.47	0.39	-95.23	29.21	-13.00	-36.77	Horizontal
3	7585.00	-44.61	RMS	36.30	-16.62	0.53	-95.23	30.41	-13.00	-31.61	Horizontal



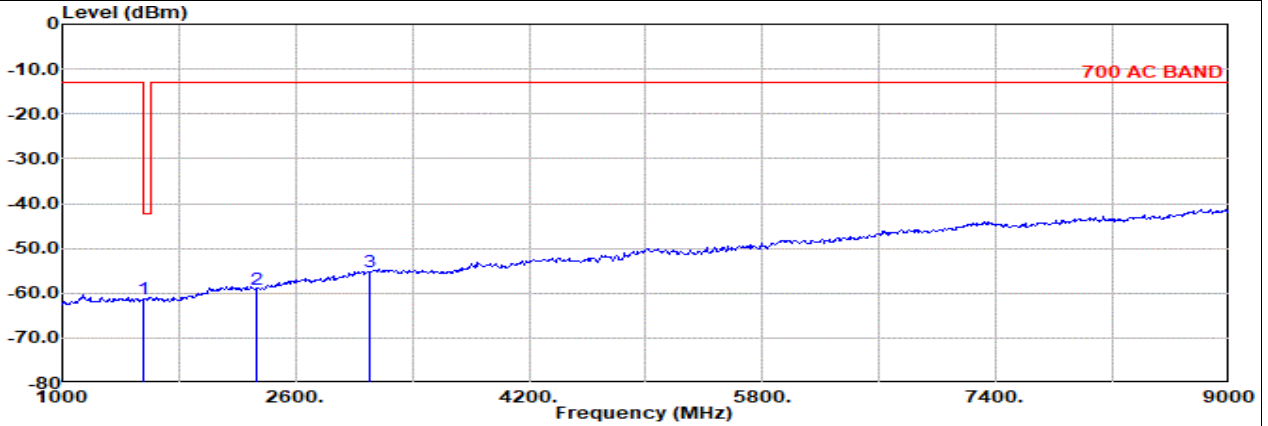
Site : 03CH16-HY
Condition: -13 3m 9120D-1522_230323 Vertical
: NR SA n25 20M Ch381000 1RB1 BPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit	Margin	Pol		
			Factor	1						dB	dB
1	3793.00	-53.83	RMS	30.24	-19.84	0.73	-95.23	30.27	-13.00	-40.83	Vertical
2	5689.00	-49.68	RMS	33.33	-17.47	0.39	-95.23	29.30	-13.00	-36.68	Vertical
3	7585.00	-44.96	RMS	36.30	-16.62	0.53	-95.23	30.06	-13.00	-31.96	Vertical



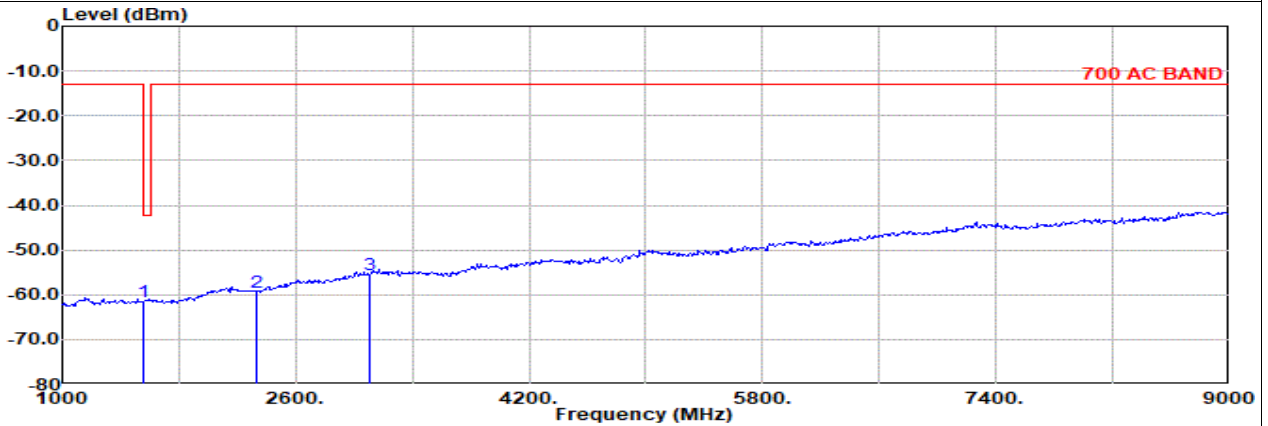
Main

Part 27F Mode 1
NR SA n13 5M Ch155900 1RB1 BPSK
L



Site : 03CH16-HY
Condition: 700 AC BAND 3m 9120D-1522_230323 Horizontal
NR SA n13 5M Ch155900 1RB1 BPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit	Margin		Pol	
			Factor	1				dB	dB		
1	1555.00	-61.40	RMS	25.30	-24.25	0.58	-95.23	32.20	-13.00	-48.40	Horizontal
2	2333.00	-59.16	RMS	27.13	-22.34	0.33	-95.23	30.95	-13.00	-46.16	Horizontal
3	3110.00	-55.13	RMS	29.82	-21.09	0.28	-95.23	31.09	-13.00	-42.13	Horizontal



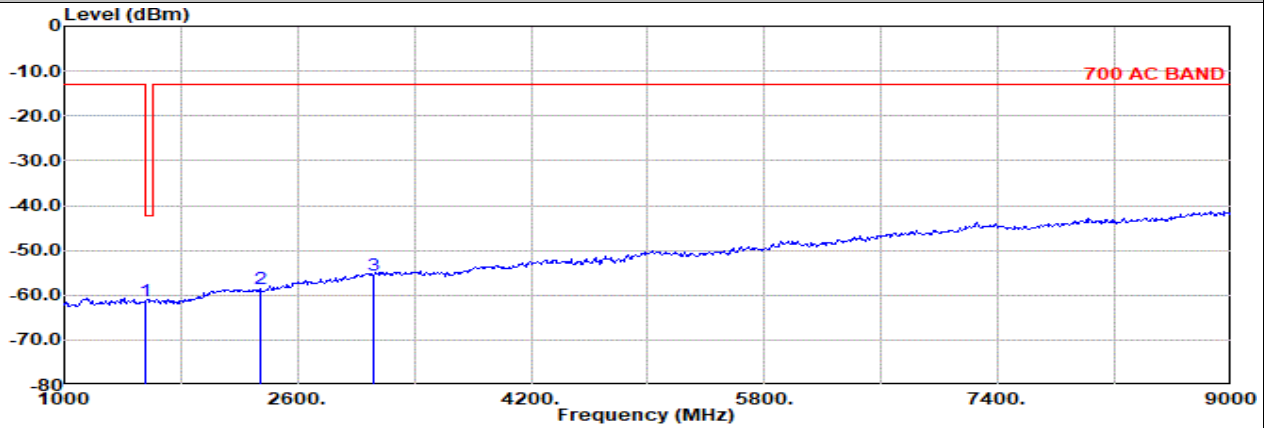
Site : 03CH16-HY
Condition: 700 AC BAND 3m 9120D-1522_230323 Vertical
NR SA n13 5M Ch155900 1RB1 BPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit	Margin		Pol	
			Factor	1				dB	dB		
1	1555.00	-61.44	RMS	25.30	-24.25	0.58	-95.23	32.16	-13.00	-48.44	Vertical
2	2333.00	-59.35	RMS	27.13	-22.34	0.33	-95.23	30.76	-13.00	-46.35	Vertical
3	3110.00	-55.50	RMS	29.82	-21.09	0.28	-95.23	30.72	-13.00	-42.50	Vertical



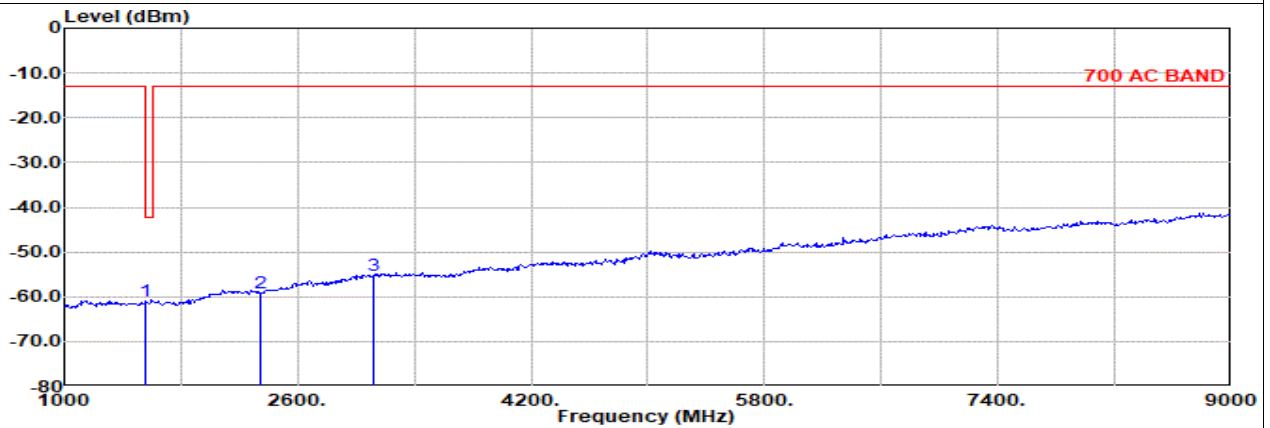
Main

Part 27F Mode 1
NR SA n13 5M Ch156400 1RB1 BPSK
M



Site : 03CH16-HY
Condition: 700 AC BAND 3m 9120D-1522_230323 Horizontal
NR SA n13 5M Ch156400 1RB1 BPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit	Margin		Pol	
			Factor	1				dB	dB		dBm
1	1560.00	-61.33	RMS	25.30	-24.23	0.57	-95.23	32.26	-42.15	-19.18	Horizontal
2	2340.00	-58.61	RMS	27.20	-22.32	0.33	-95.23	31.41	-13.00	-45.61	Horizontal
3	3120.00	-55.53	RMS	29.84	-21.07	0.28	-95.23	30.65	-13.00	-42.53	Horizontal



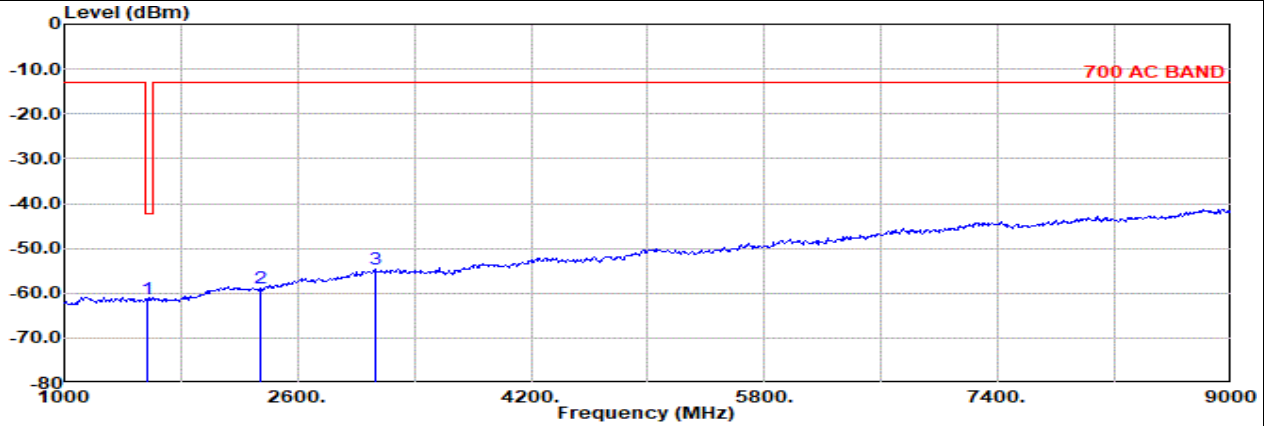
Site : 03CH16-HY
Condition: 700 AC BAND 3m 9120D-1522_230323 Vertical
NR SA n13 5M Ch156400 1RB1 BPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit	Margin		Pol	
			Factor	1				dB	dB		dBm
1	1560.00	-61.06	RMS	25.30	-24.23	0.57	-95.23	32.53	-42.15	-18.91	Vertical
2	2340.00	-59.19	RMS	27.20	-22.32	0.33	-95.23	30.83	-13.00	-46.19	Vertical
3	3120.00	-55.31	RMS	29.84	-21.07	0.28	-95.23	30.87	-13.00	-42.31	Vertical



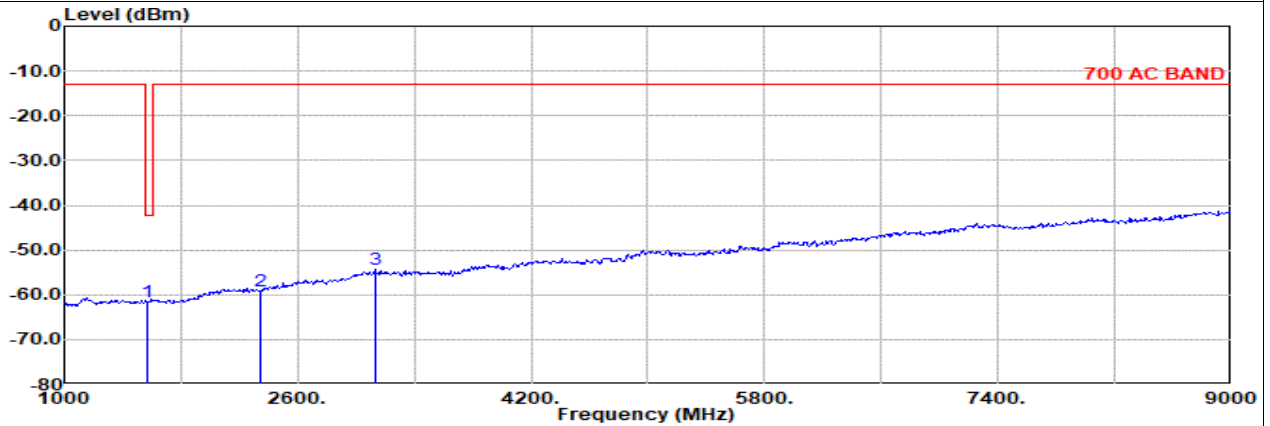
Main

Part 27F Mode 1
NR SA n13 5M Ch156900 1RB1 BPSK
H



Site : 03CH16-HY
Condition: 700 AC BAND 3m 9120D-1522_230323 Horizontal
NR SA n13 5M Ch156900 1RB1 BPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit	Margin		Pol	
			Factor	1				dB	dB		dBm
1	1565.00	-61.40	RMS	25.30	-24.21	0.57	-95.23	32.17	-42.15	-19.25	Horizontal
2	2348.00	-58.95	RMS	27.20	-22.31	0.33	-95.23	31.06	-13.00	-45.95	Horizontal
3	3130.00	-54.79	RMS	29.86	-21.06	0.27	-95.23	31.37	-13.00	-41.79	Horizontal



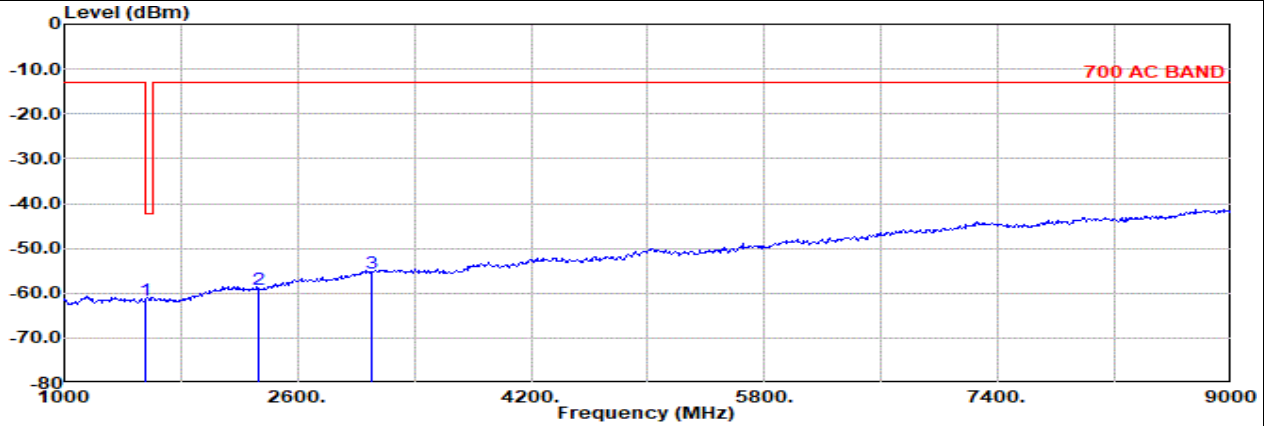
Site : 03CH16-HY
Condition: 700 AC BAND 3m 9120D-1522_230323 Vertical
NR SA n13 5M Ch156900 1RB1 BPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit	Margin		Pol	
			Factor	1				dB	dB		dBm
1	1565.00	-61.56	RMS	25.30	-24.21	0.57	-95.23	32.01	-42.15	-19.41	Vertical
2	2348.00	-59.07	RMS	27.20	-22.31	0.33	-95.23	30.94	-13.00	-46.07	Vertical
3	3130.00	-54.27	RMS	29.86	-21.06	0.27	-95.23	31.89	-13.00	-41.27	Vertical



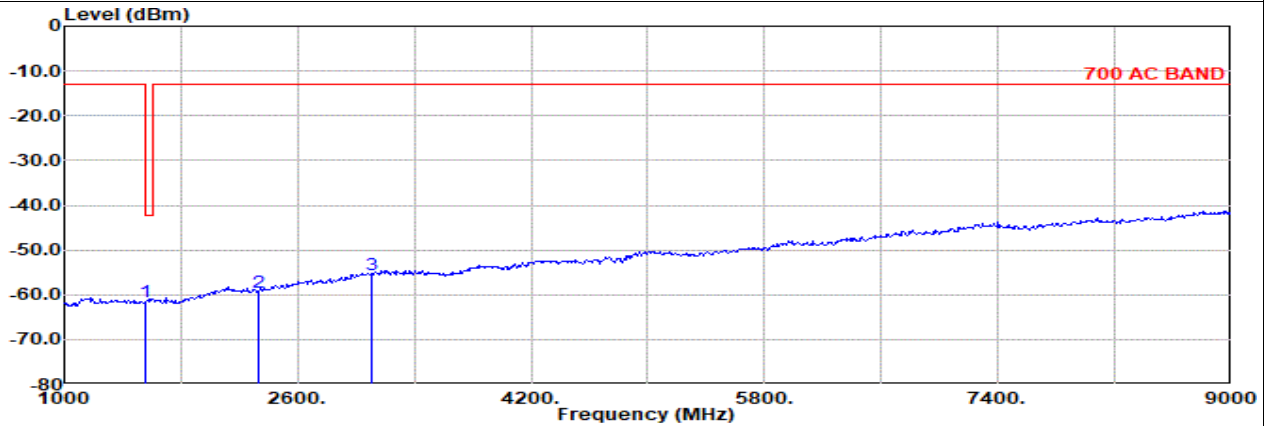
Main

Part 27F Mode 2
NR SA n13 10M Ch156400 1RB1 BPSK
M



Site : 03CH16-HY
Condition: 700 AC BAND 3m 9120D-1522_230323 Horizontal
NR SA n13 10M Ch156400 1RB1 BPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit	Margin		Pol
			Factor	1				g	dB	
MHz	dBm		dB/m	dB	dB	dBuV	dBm	dB		
1 1556.00	-61.48	RMS	25.30	-24.25	0.58	-95.23	32.12	-13.00	-48.48	Horizontal
2 2333.00	-59.22	RMS	27.13	-22.34	0.33	-95.23	30.89	-13.00	-46.22	Horizontal
3 3111.00	-55.58	RMS	29.82	-21.09	0.28	-95.23	30.64	-13.00	-42.58	Horizontal



Site : 03CH16-HY
Condition: 700 AC BAND 3m 9120D-1522_230323 Vertical
NR SA n13 10M Ch156400 1RB1 BPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit	Margin		Pol
			Factor	1				g	dB	
MHz	dBm		dB/m	dB	dB	dBuV	dBm	dB		
1 1556.00	-61.66	RMS	25.30	-24.25	0.58	-95.23	31.94	-13.00	-48.66	Vertical
2 2333.00	-59.37	RMS	27.13	-22.34	0.33	-95.23	30.74	-13.00	-46.37	Vertical
3 3111.00	-55.60	RMS	29.82	-21.09	0.28	-95.23	30.62	-13.00	-42.60	Vertical

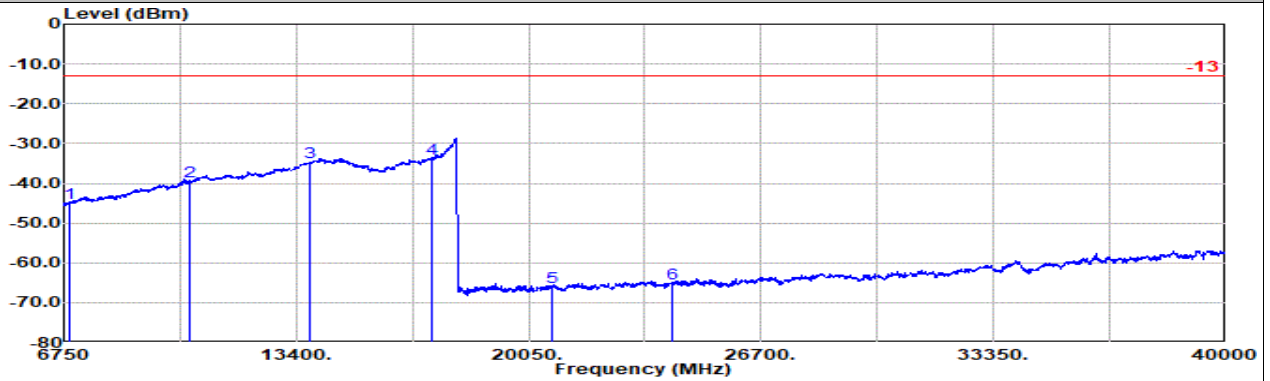


LTE:MIMO2 +5GNR:Main

Part 27Q Mode 1

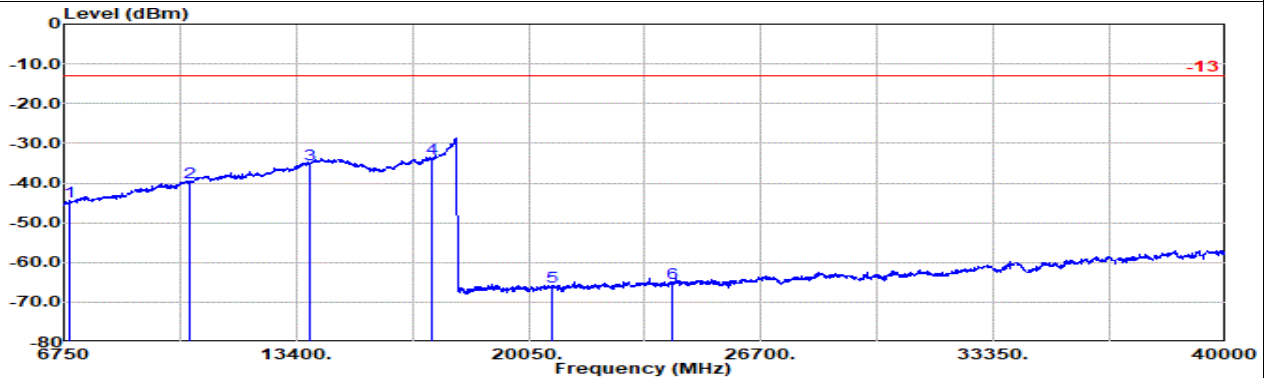
EN-DC B5+n77 10M + 20M Ch20525 1RB0 QPSK + Ch630668 1RB1 BPSK

L



Site : 03CH16-HY
 Condition: -13 3m 9120D-1522_230323 Horizontal
 : LTE Band 5 10M Ch20525 1RB0 QPSK
 : SA n77 20M Ch630668 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp	Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB	dBuV	dBm	dB	
1	6902.00	-44.90	RMS	35.80	-17.30	1.25	-95.23	-95.23	30.58	-13.00	-31.90	Horizontal
2	10353.00	-39.66	RMS	38.70	-14.11	0.45	-95.23	-95.23	30.53	-13.00	-26.66	Horizontal
3	13805.00	-34.78	RMS	40.50	-12.52	0.42	-95.23	-95.23	32.05	-13.00	-21.78	Horizontal
4	17256.00	-33.83	RMS	38.21	-10.31	0.63	-95.23	-95.23	32.87	-13.00	-20.83	Horizontal
5	20707.00	-66.01	RMS	38.17	-48.64	-9.54	-95.23	-95.23	49.23	-13.00	-53.01	Horizontal
6	24159.00	-65.19	RMS	38.96	-46.78	-9.54	-95.23	-95.23	47.40	-13.00	-52.19	Horizontal



Site : 03CH16-HY
 Condition: -13 3m 9120D-1522_230323 Vertical
 : LTE Band 5 10M Ch20525 1RB0 QPSK
 : SA n77 20M Ch630668 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp	Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB	dBuV	dBm	dB	
1	6902.00	-44.65	RMS	35.80	-17.30	1.25	-95.23	-95.23	30.83	-13.00	-31.65	Vertical
2	10353.00	-39.97	RMS	38.70	-14.11	0.45	-95.23	-95.23	30.22	-13.00	-26.97	Vertical
3	13805.00	-35.39	RMS	40.50	-12.52	0.42	-95.23	-95.23	31.44	-13.00	-22.39	Vertical
4	17256.00	-33.72	RMS	38.21	-10.31	0.63	-95.23	-95.23	32.98	-13.00	-20.72	Vertical
5	20707.00	-66.02	RMS	38.17	-48.64	-9.54	-95.23	-95.23	49.22	-13.00	-53.02	Vertical
6	24159.00	-65.22	RMS	38.96	-46.78	-9.54	-95.23	-95.23	47.37	-13.00	-52.22	Vertical

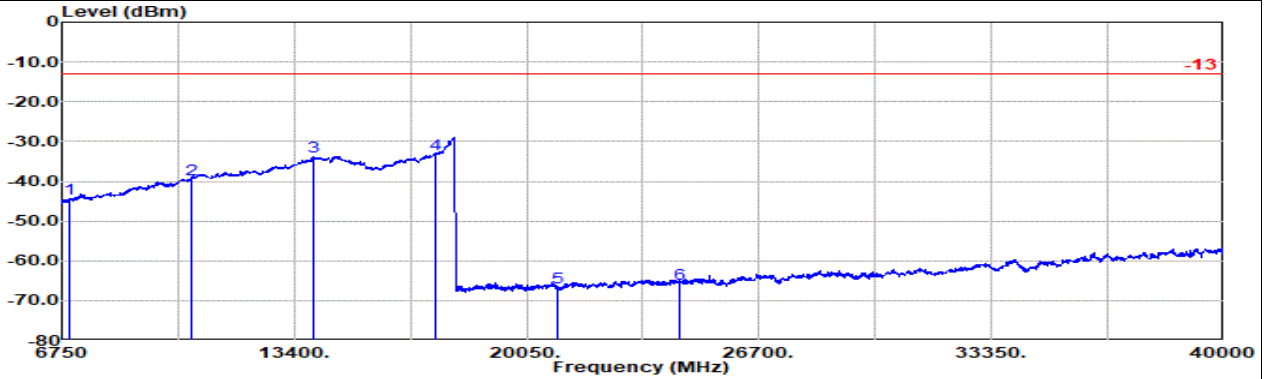


LTE:MIMO2 +5GNR:Main

Part 27Q Mode 1

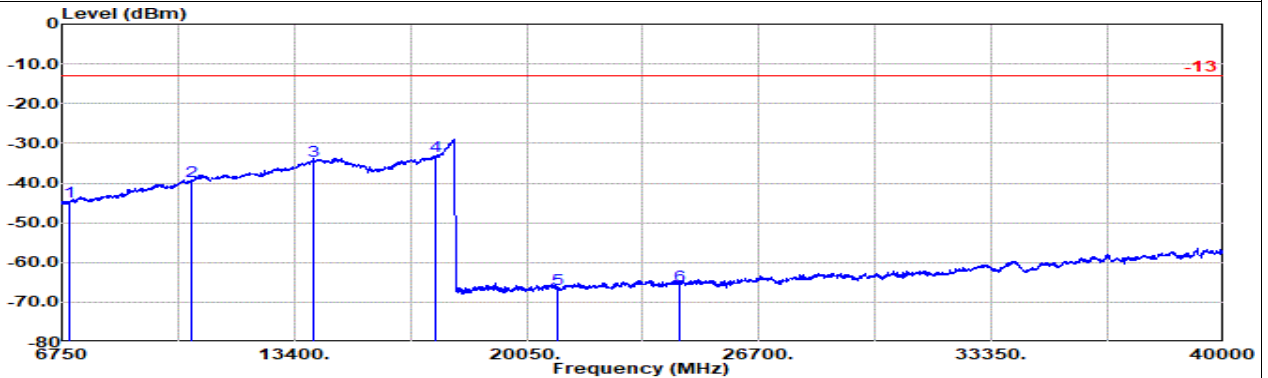
EN-DC B5+n77 10M + 20M Ch20525 1RB0 QPSK + Ch633334 1RB1 BPSK

M



Site : 03CH16-HY
 Condition: -13 3m 9120D-1522_230323 Horizontal
 : LTE Band 5 10M Ch20525 1RB0 QPSK
 : SA n77 20M Ch633334 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	6982.00	-44.35	RMS	35.90	-17.36	1.32	-95.23	31.02	-13.00	-31.35	Horizontal
2	10473.00	-39.48	RMS	38.70	-13.87	0.45	-95.23	30.47	-13.00	-26.48	Horizontal
3	13965.00	-33.87	RMS	40.97	-12.25	0.42	-95.23	32.22	-13.00	-20.87	Horizontal
4	17456.00	-33.15	RMS	38.71	-10.25	0.63	-95.23	32.99	-13.00	-20.15	Horizontal
5	20947.00	-66.68	RMS	37.88	-48.53	-9.54	-95.23	48.74	-13.00	-53.68	Horizontal
6	24438.00	-65.79	RMS	39.15	-46.51	-9.54	-95.23	46.34	-13.00	-52.79	Horizontal



Site : 03CH16-HY
 Condition: -13 3m 9120D-1522_230323 Vertical
 : LTE Band 5 10M Ch20525 1RB0 QPSK
 : SA n77 20M Ch633334 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	6982.00	-44.67	RMS	35.90	-17.36	1.32	-95.23	30.70	-13.00	-31.67	Vertical
2	10473.00	-39.60	RMS	38.70	-13.87	0.45	-95.23	30.35	-13.00	-26.60	Vertical
3	13965.00	-34.37	RMS	40.97	-12.25	0.42	-95.23	31.72	-13.00	-21.37	Vertical
4	17456.00	-33.08	RMS	38.71	-10.25	0.63	-95.23	33.06	-13.00	-20.08	Vertical
5	20947.00	-66.73	RMS	37.88	-48.53	-9.54	-95.23	48.69	-13.00	-53.73	Vertical
6	24438.00	-65.83	RMS	39.15	-46.51	-9.54	-95.23	46.30	-13.00	-52.83	Vertical

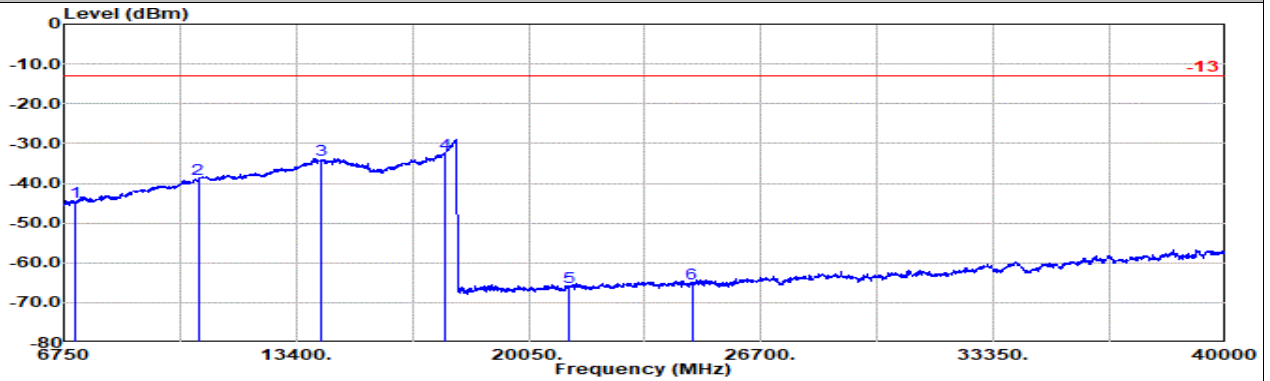


LTE:MIMO2 +5GNR:Main

Part 27Q Mode 1

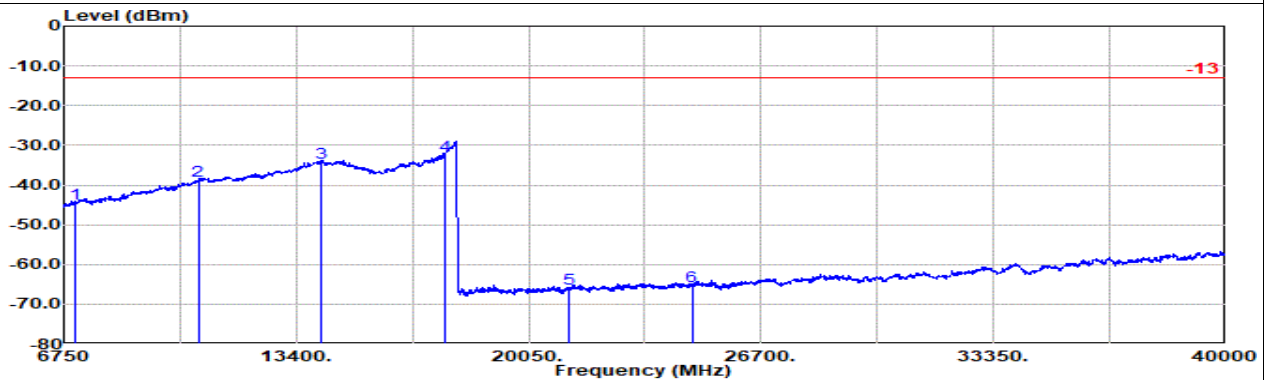
EN-DC B5+n77 10M + 20M Ch20525 1RB0 QPSK + Ch636000 1RB1 BPSK

H



Site : 03CH16-HY
 Condition: -13 3m 9120D-1522_230323 Horizontal
 : LTE Band 5 10M Ch20525 1RB0 QPSK
 : SA n77 20M Ch636000 1RB1 BPSK

1	2	3	4	5	6					
Freq MHz	Level dBm	Detector	Ant Factor	Amp\Cb 1	Filter	EIRPCF	Readin g	Limit	Margin	Pol
			dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7062.00	-44.57 RMS	36.25	-17.34	1.21	-95.23	30.54	-13.00	-31.57	Horizontal
2	10593.00	-38.96 RMS	38.97	-13.87	0.45	-95.23	30.72	-13.00	-25.96	Horizontal
3	14125.00	-34.15 RMS	41.05	-12.20	0.43	-95.23	31.80	-13.00	-21.15	Horizontal
4	17656.00	-32.49 RMS	39.55	-9.83	0.63	-95.23	32.39	-13.00	-19.49	Horizontal
5	21187.00	-66.00 RMS	38.10	-48.51	-9.54	-95.23	49.18	-13.00	-53.00	Horizontal
6	24718.00	-65.35 RMS	39.29	-46.41	-9.54	-95.23	46.54	-13.00	-52.35	Horizontal



Site : 03CH16-HY
 Condition: -13 3m 9120D-1522_230323 Vertical
 : LTE Band 5 10M Ch20525 1RB0 QPSK
 : SA n77 20M Ch636000 1RB1 BPSK

1	2	3	4	5	6					
Freq MHz	Level dBm	Detector	Ant Factor	Amp\Cb 1	Filter	EIRPCF	Readin g	Limit	Margin	Pol
			dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7062.00	-44.64 RMS	36.25	-17.34	1.21	-95.23	30.47	-13.00	-31.64	Vertical
2	10593.00	-39.05 RMS	38.97	-13.87	0.45	-95.23	30.63	-13.00	-26.05	Vertical
3	14125.00	-34.37 RMS	41.05	-12.20	0.43	-95.23	31.58	-13.00	-21.37	Vertical
4	17656.00	-32.65 RMS	39.55	-9.83	0.63	-95.23	32.23	-13.00	-19.65	Vertical
5	21187.00	-66.03 RMS	38.10	-48.51	-9.54	-95.23	49.15	-13.00	-53.03	Vertical
6	24718.00	-65.59 RMS	39.29	-46.41	-9.54	-95.23	46.30	-13.00	-52.59	Vertical

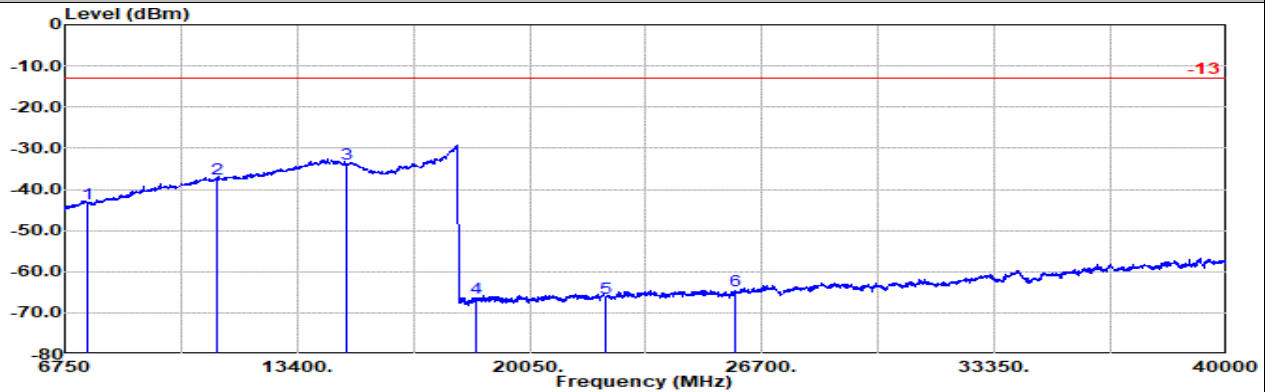


MIMO2

Part 270 Mode 1

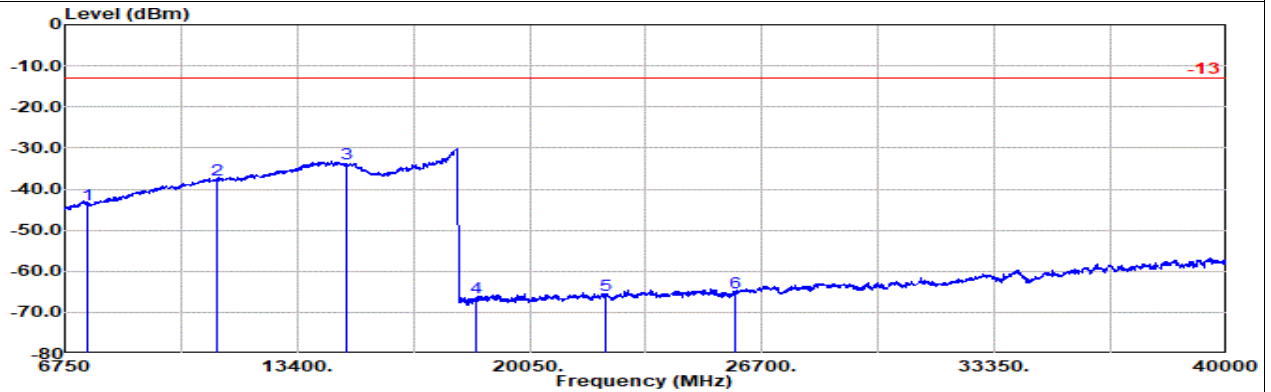
NR SA n77 20M Ch647334 1RB1 BPSK

L



Site : 03CH16-HY
 Condition: -13 3m 9120D-1522_230323 Horizontal
 : NR SA n77 20M Ch647334 1RB1 BPSK

1	2	3	4	5	6					
Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
7403.00	-43.35	RMS	36.59	-16.80	0.90	-95.23	31.19	-13.00	-30.35	Horizontal
11104.00	-37.47	RMS	38.91	-13.33	0.44	-95.23	31.74	-13.00	-24.47	Horizontal
14805.00	-33.69	RMS	40.18	-11.10	0.50	-95.23	31.96	-13.00	-20.69	Horizontal
18506.00	-66.55	RMS	38.10	-49.68	-9.54	-95.23	49.80	-13.00	-53.55	Horizontal
22207.00	-66.29	RMS	38.33	-48.35	-9.54	-95.23	48.50	-13.00	-53.29	Horizontal
25908.00	-64.67	RMS	39.06	-46.40	-9.54	-95.23	47.44	-13.00	-51.67	Horizontal



Site : 03CH16-HY
 Condition: -13 3m 9120D-1522_230323 Vertical
 : NR SA n77 20M Ch647334 1RB1 BPSK

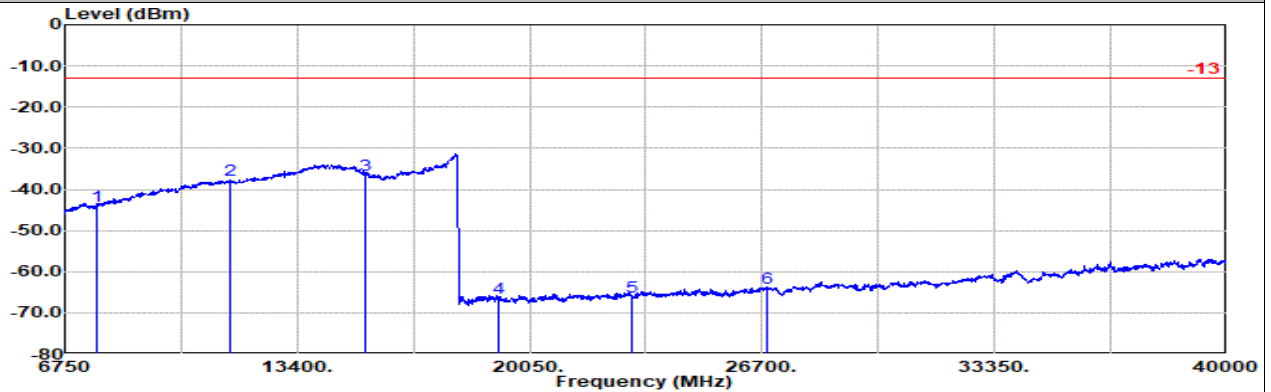
1	2	3	4	5	6					
Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
7403.00	-43.66	RMS	36.59	-16.80	0.90	-95.23	30.88	-13.00	-30.66	Vertical
11104.00	-37.79	RMS	38.91	-13.33	0.44	-95.23	31.42	-13.00	-24.79	Vertical
14805.00	-33.86	RMS	40.18	-11.10	0.50	-95.23	31.79	-13.00	-20.86	Vertical
18506.00	-66.39	RMS	38.10	-49.68	-9.54	-95.23	49.96	-13.00	-53.39	Vertical
22207.00	-65.87	RMS	38.33	-48.35	-9.54	-95.23	48.92	-13.00	-52.87	Vertical
25908.00	-65.31	RMS	39.06	-46.40	-9.54	-95.23	46.80	-13.00	-52.31	Vertical



MIMO2

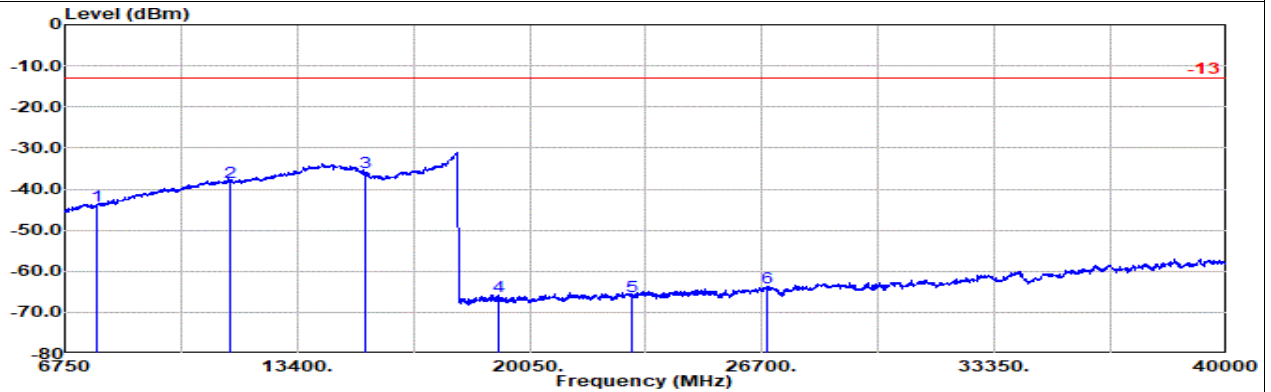
Part 270 Mode 1
NR SA n77 20M Ch656000 1RB1 BPSK

M



Site : 03CH16-HY
Condition: -13 3m 9120D-1522_230323 Horizontal
NR SA n77 20M Ch656000 1RB1 BPSK

1	2	3	4	5	6					
Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
7663.00	-44.08	RMS	36.35	-16.54	0.95	-95.23	30.39	-13.00	-31.08	Horizontal
11494.00	-37.78	RMS	39.00	-13.08	0.44	-95.23	31.09	-13.00	-24.78	Horizontal
15325.00	-36.52	RMS	38.35	-10.75	0.56	-95.23	30.55	-13.00	-23.52	Horizontal
19156.00	-66.45	RMS	38.15	-49.18	-9.54	-95.23	49.35	-13.00	-53.45	Horizontal
22987.00	-66.20	RMS	38.72	-47.90	-9.54	-95.23	47.75	-13.00	-53.20	Horizontal
26818.00	-64.09	RMS	39.55	-46.35	-9.54	-95.23	47.48	-13.00	-51.09	Horizontal



Site : 03CH16-HY
Condition: -13 3m 9120D-1522_230323 Vertical
NR SA n77 20M Ch656000 1RB1 BPSK

1	2	3	4	5	6					
Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
7663.00	-44.17	RMS	36.35	-16.54	0.95	-95.23	30.30	-13.00	-31.17	Vertical
11494.00	-38.34	RMS	39.00	-13.08	0.44	-95.23	30.53	-13.00	-25.34	Vertical
15325.00	-35.86	RMS	38.35	-10.75	0.56	-95.23	31.21	-13.00	-22.86	Vertical
19156.00	-66.11	RMS	38.15	-49.18	-9.54	-95.23	49.69	-13.00	-53.11	Vertical
22987.00	-65.99	RMS	38.72	-47.90	-9.54	-95.23	47.96	-13.00	-52.99	Vertical
26818.00	-64.11	RMS	39.55	-46.35	-9.54	-95.23	47.46	-13.00	-51.11	Vertical

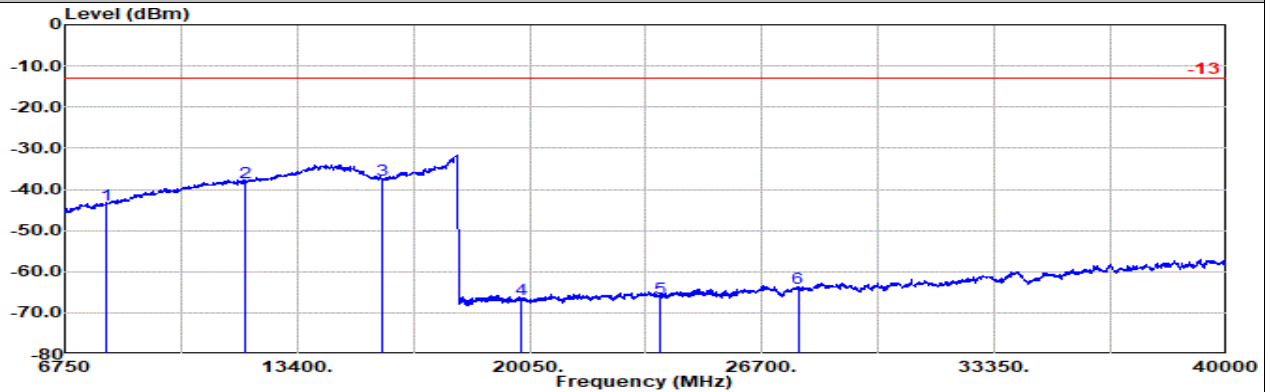


MIMO2

Part 270 Mode 1

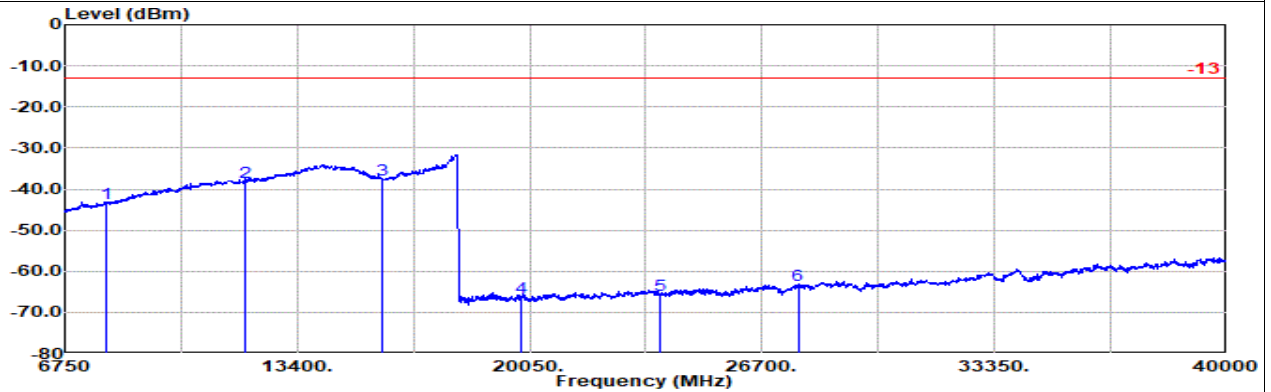
NR SA n77 20M Ch664666 1RB1 BPSK

H



Site : 03CH16-HY
 Condition: -13 3m 9120D-1522_230323 Horizontal
 : NR SA n77 20M Ch664666 1RB1 BPSK

1	2	3	4	5	6					
Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
7923.00	-43.68	RMS	37.00	-16.46	0.74	-95.23	30.27	-13.00	-30.68	Horizontal
11884.00	-38.43	RMS	38.67	-12.89	0.44	-95.23	30.58	-13.00	-25.43	Horizontal
15845.00	-37.67	RMS	37.01	-10.88	0.61	-95.23	30.82	-13.00	-24.67	Horizontal
19806.00	-66.58	RMS	37.88	-48.85	-9.54	-95.23	49.16	-13.00	-53.58	Horizontal
23767.00	-66.39	RMS	38.71	-47.11	-9.54	-95.23	46.78	-13.00	-53.39	Horizontal
27728.00	-63.95	RMS	39.49	-46.60	-9.54	-95.23	47.93	-13.00	-50.95	Horizontal



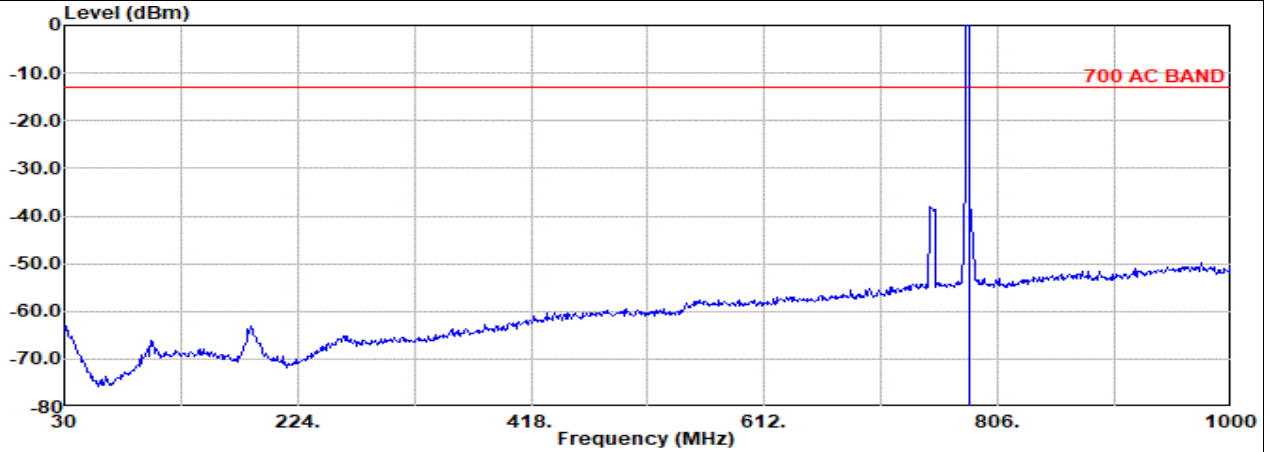
Site : 03CH16-HY
 Condition: -13 3m 9120D-1522_230323 Vertical
 : NR SA n77 20M Ch664666 1RB1 BPSK

1	2	3	4	5	6					
Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
7923.00	-43.61	RMS	37.00	-16.46	0.74	-95.23	30.34	-13.00	-30.61	Vertical
11884.00	-38.39	RMS	38.67	-12.89	0.44	-95.23	30.62	-13.00	-25.39	Vertical
15845.00	-37.62	RMS	37.01	-10.88	0.61	-95.23	30.87	-13.00	-24.62	Vertical
19806.00	-66.34	RMS	37.88	-48.85	-9.54	-95.23	49.40	-13.00	-53.34	Vertical
23767.00	-65.71	RMS	38.71	-47.11	-9.54	-95.23	47.46	-13.00	-52.71	Vertical
27728.00	-63.52	RMS	39.49	-46.60	-9.54	-95.23	48.36	-13.00	-50.52	Vertical



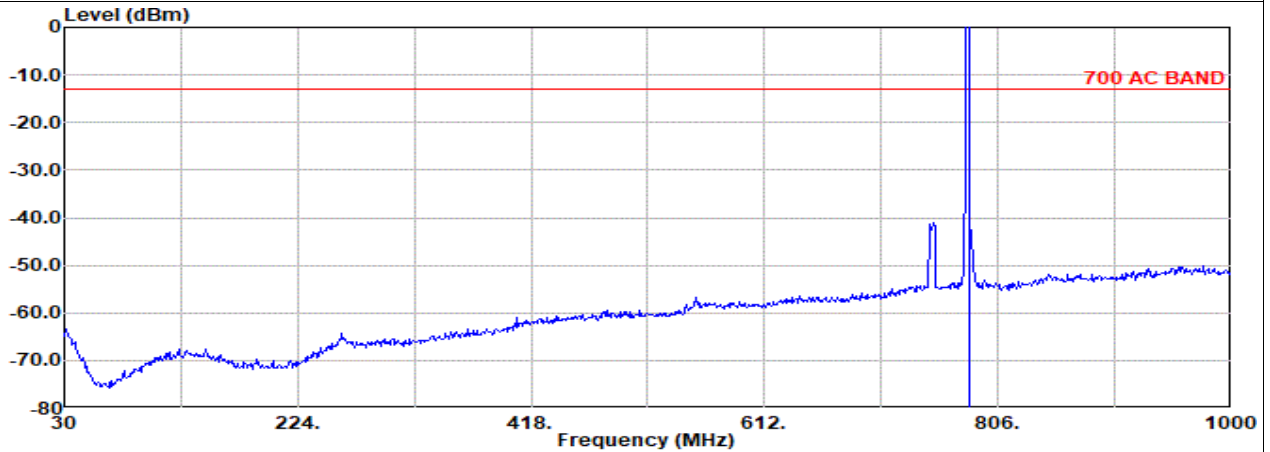
Main

Part 27F Mode 1
NR SA n13 5M Ch156400 1RB1 BPSK
M



Site : 03CH16-HY
Condition: 700 AC BAND 3m CBL6111D&00802N1D01N-06 _47020 & 06 Horizontal
NR SA n13 5M Ch156400 1RB1 BPSK

1	Freq	Level	Detector	Ant Amp\Cb Filter			EIRPCF	Readin Limit		Margin	Pol
	MHz	dBm		Factor	l	Filter		g	dBm		
	782.00	25.50	RMS	28.14	4.14	0.00	-95.23	88.45	-13.00	38.50	Horizontal



Site : 03CH16-HY
Condition: 700 AC BAND 3m CBL6111D&00802N1D01N-06 _47020 & 06 Vertical
NR SA n13 5M Ch156400 1RB1 BPSK

1	Freq	Level	Detector	Ant Amp\Cb Filter			EIRPCF	Readin Limit		Margin	Pol
	MHz	dBm		Factor	l	Filter		g	dBm		
	782.00	22.46	RMS	28.14	4.14	0.00	-95.23	85.41	-13.00	35.46	Vertical

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