



# FCC RADIO TEST REPORT

**FCC ID** : XMR2023RM520NGLT  
**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 Nov. 13, 2023 and testing was performed from Nov. 30, 2023 to Dec. 22, 2023. 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**



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## 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		-
-	§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 Measuremen (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) §90.213	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	8.12 dB under the limit at 6924.00 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.
- The purpose of different Host model name is for marketing segmentation.

**Reviewed by: Sheng Kuo**

**Report Producer: Lucy Wu**



# 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	XMR2023RM520NGLT
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: TP00159A, TP00159B) during test, and the host information was recorded in the following table.

Host Information	
Host 1	Host with Amphenol Taiwan Corporation Antenna
Host 2	Host with AWAN 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"> <li>■ n25 cover n2 (Part 24)</li> <li>■ n41 cover n38 (Part 27)</li> </ul>
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 Taiwan Corporation	Peak gain (dBi)	5G NR n2: -1.41 5G NR n5: -0.22 5G NR n7: -1.67 5G NR n12: -0.59 5G NR n13: -0.25 5G NR n14: -0.13 5G NR n25: -1.41 5G NR n26 : -0.45 5G NR n30: -0.81 5G NR n38: -2.19 5G NR n41: -1.03 5G NR n66: -0.25 5G NR n71: -0.90 5G NR n77: 0.93 5G NR n78: 0.84
	Part number	DC330022K00 DC330022K70	Type	PIFA
	Manufacturer	AWAN	Peak gain (dBi)	5G NR n2: -1.41 5G NR n5: -0.22 5G NR n7: -1.67 5G NR n12: -0.59 5G NR n13: -0.25 5G NR n14: -0.13 5G NR n25: -1.41 5G NR n26 : -0.45 5G NR n30: -0.81 5G NR n38: -2.19 5G NR n41: -1.03 5G NR n66: -0.25 5G NR n71: -0.90 5G NR n77: 0.93 5G NR n78: 0.84
	Part number	DC330022H00 DC330022H70	Type	PIFA
MIMO 2 Antenna	Manufacturer	Amphenol Taiwan Corporation	Peak gain (dBi)	5G NR n38: 0.67 5G NR n41: -0.03 5G NR n77: 0.17 5G NR n78: 0.36
	Part number	DC330022K10	Type	PIFA
	Manufacturer	AWAN	Peak gain (dBi)	5G NR n38: 0.67 5G NR n41: -0.03 5G NR n77: 0.17 5G NR n78: 0.36
	Part number	DC330022H10	Type	PIFA

Remark:

1. The above EUT's information was declared by manufacturer. Please refer to Disclaimer in report summary.
2. SA mode for n77/n78 only perform in MIMIO2 Tx Antenna.





### 1.2 Product Specification of Equipment Under Test

Product Specification is subject to this standard	
<b>Tx Frequency</b>	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
<b>Rx Frequency</b>	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	
<b>Bandwidth</b>	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
<b>Maximum Output Power to Antenna</b>	<b>&lt;SISO Mode&gt;</b> <b>&lt;Main Antenna&gt;</b> 5G NR n2: 23.87 dBm 5G NR n5: 24.40 dBm 5G NR n7: 24.30 dBm 5G NR n12: 23.81 dBm 5G NR n13: 23.64 dBm 5G NR n14: 23.88 dBm 5G NR n25: 23.99 dBm 5G NR n26 : 24.45 dBm for Part22H 5G NR n26 : 24.40 dBm for Part90S 5G NR n30: 22.17 dBm 5G NR n38: 24.66 dBm 5G NR n41: 27.27 dBm for HPUE 5G NR n66: 24.21 dBm 5G NR n71: 23.99 dBm <b>&lt;MIMO2 Antenna&gt;</b> 5G NR n77: 26.50 dBm for Part27O HPUE 5G NR n78: 26.50 dBm for Part27O HPUE 5G NR n77: 26.64 dBm for Part27Q HPUE 5G NR n78: 26.44 dBm for Part27Q HPUE <b>&lt;MIMO Mode&gt;</b> <b>&lt;Main/MIMO2 Antenna&gt;</b> 5G NR n38: 21.67 dBm 5G NR n41: 25.48 dBm for HPUE 5G NR n77: 26.60 dBm for Part27O HPUE 5G NR n78: 26.76 dBm for Part27O HPUE 5G NR n77: 26.93 dBm for Part27Q HPUE 5G NR n78: 26.75 dBm for Part27Q HPUE
<b>Type of Modulation</b>	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.	<b>Sporton Site No.</b>
	TH03-HY
Test Engineer	George Chen
Temperature (°C)	20~24
Relative Humidity (%)	50~58

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.	<b>Sporton Site No.</b>
	03CH22HY (TAF Code: 3786)
Test Engineer	LU WEN-KAI, Karl Hou and Bank LIN
Temperature (°C)	18.9~24.8
Relative Humidity (%)	61.3~70.4
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.

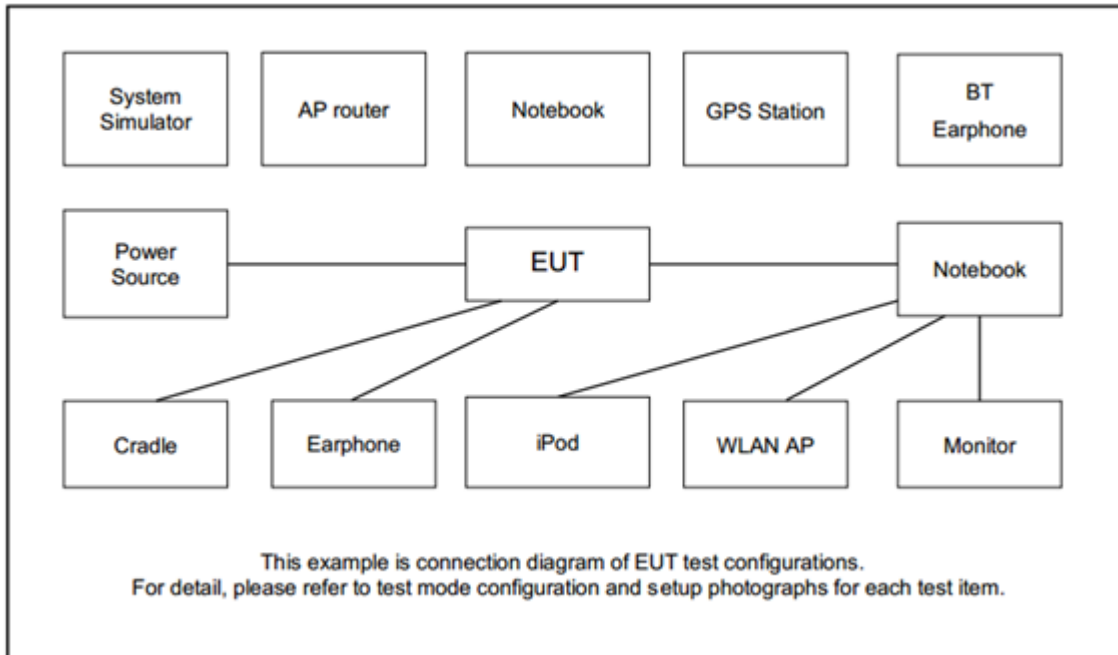
Modulation Type	Modulation	Modulation Type	Modulation
A	DFT-s-OFDM pi/2 BPSK	N/A	N/A
B	DFT-s-OFDM QPSK	F	CP-OFDM QPSK
C	DFT-s-OFDM 16QAM	G	CP-OFDM 16QAM
D	DFT-s-OFDM 64QAM	H	CP-OFDM 64QAM
E	DFT-s-OFDM 256QAM	I	CP-OFDM 256QAM

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.
6. All the radiated test cases were performed with Sample 1.
7. For modulation of Pi/2 BPSK & QPSK & 16QAM, the maximum power of Pi/2 BPSK & QPSK & 16QAM is higher than other modulation(64QAM/256QAM), therefore, according to engineering evaluation , we choose higher power (Pi/2 BPSK & QPSK & 16QAM) to perform tests and show in the report.

## 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.	Earphone	Lenovo	N/A	N/A	N/A	Unshielded, 1.5m



### 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



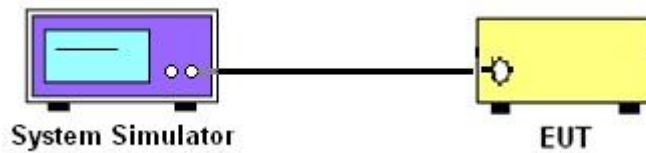
### 3 Conducted Test Items

#### 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.

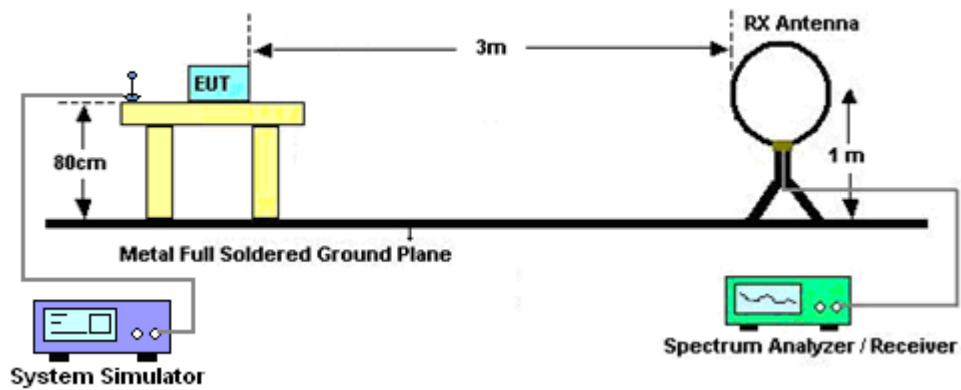
## 4 Radiated Test Items

### 4.1 Measuring Instruments

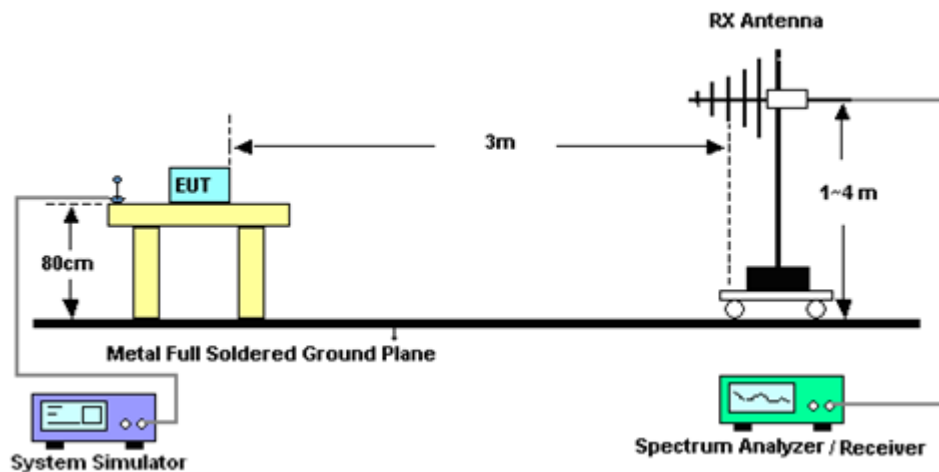
See list of measuring instruments of this test report.

#### 4.1.1 Test Setup

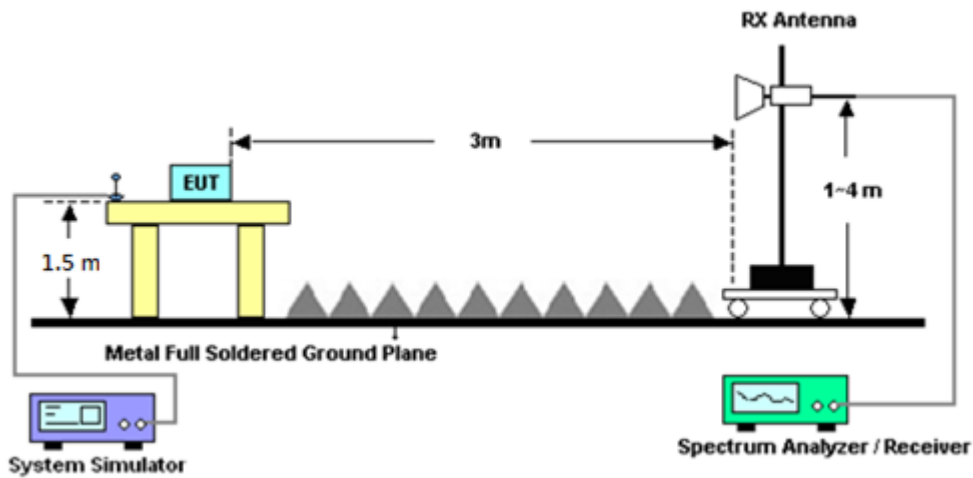
For radiated test below 30MHz



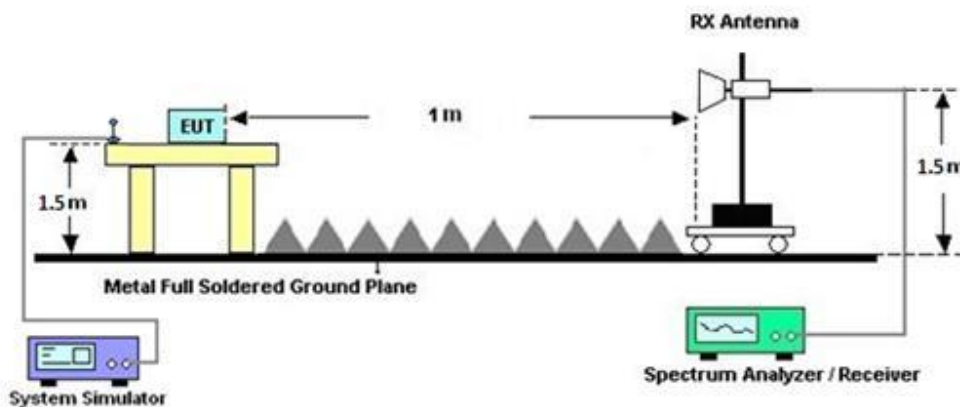
For radiated test from 30MHz to 1GHz



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.
10. 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. 12, 2023~ Dec. 22, 2023	Sep. 11, 2024	Radiation (03CH22-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00802N1D-06	63304 & 002	30MHz~1GHz	Oct. 15, 2023	Dec. 12, 2023~ Dec. 22, 2023	Oct. 14, 2024	Radiation (03CH22-HY)
Amplifier	SONOMA	310N	421581	N/A	Jul. 15, 2023	Dec. 12, 2023~ Dec. 22, 2023	Jul. 14, 2024	Radiation (03CH22-HY)
Double Ridged Guide Horn Antenna	RFSPIN	DRH18-E	LE2C04A18EN	1GHz~18GHz	Jul. 12, 2023	Dec. 12, 2023~ Dec. 22, 2023	Jul. 11, 2024	Radiation (03CH22-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	1224	18GHz~40GHz	Jul. 10, 2023	Dec. 12, 2023~ Dec. 22, 2023	Jul. 09, 2024	Radiation (03CH22-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	1223	18GHz~40GHz	Jul. 10, 2023	Dec. 12, 2023~ Dec. 22, 2023	Jul. 09, 2024	Radiation (03CH22-HY)
Amplifier	EMEC	EM01G18GA	060877	N/A	Sep. 28, 2023	Dec. 12, 2023~ Dec. 22, 2023	Sep. 27, 2024	Radiation (03CH22-HY)
Preamplifier	EMEC	EM18G40G	060872	18-40GHz	Sep. 06, 2023	Dec. 12, 2023~ Dec. 22, 2023	Sep. 05, 2024	Radiation (03CH22-HY)
Signal Analyzer	Keysight	N9010B	MY62170278	10Hz~44GHz	Aug. 31, 2023	Dec. 12, 2023~ Dec. 22, 2023	Aug. 30, 2024	Radiation (03CH22-HY)
Hygrometer	TECPEL	DTM-303A	TP211568	N/A	Oct. 30, 2023	Dec. 12, 2023~ Dec. 22, 2023	Oct. 29, 2024	Radiation (03CH22-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	Dec. 12, 2023~ Dec. 22, 2023	N/A	Radiation (03CH22-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Dec. 12, 2023~ Dec. 22, 2023	N/A	Radiation (03CH22-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Dec. 12, 2023~ Dec. 22, 2023	N/A	Radiation (03CH22-HY)
Software	Audix	E3 6.09824_2019122	RK-002347	N/A	N/A	Dec. 12, 2023~ Dec. 22, 2023	N/A	Radiation (03CH22-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9kHz~30MHz	Mar. 07, 2023	Dec. 12, 2023~ Dec. 22, 2023	Mar. 06, 2024	Radiation (03CH22-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804390/2,804611/2,804615/2	N/A	Oct. 24, 2023	Dec. 12, 2023~ Dec. 22, 2023	Oct. 23, 2024	Radiation (03CH22-HY)
Filter	Wainwright	WLK4-1000-1530-8000-40SS	SN29	1.53GHz Low Pass Filter	May 23, 2023	Dec. 12, 2023~ Dec. 22, 2023	May 22, 2024	Radiation (03CH22-HY)
Filter	Wainwright	WHKX12-2700-3000-18000-60ST	SN7	N/A	Dec. 01, 2023	Dec. 12, 2023~ Dec. 22, 2023	Nov. 30, 2024	Radiation (03CH22-HY)
Filter	Wainwright	WHKX8-5872.5-6750-18000-40ST	SN25	6.75GHz High Pass Filter	Nov. 13, 2023	Dec. 12, 2023~ Dec. 22, 2023	Nov. 12, 2024	Radiation (03CH22-HY)
Filter	Wainwright	WHKX12-900-1000-15000-60SS	SN8	1GHz High Pass Filter	Nov. 02, 2023	Dec. 12, 2023~ Dec. 22, 2023	Nov. 01, 2024	Radiation (03CH22-HY)
Base Station (Measure)	Anritsu	MT8821C	6262116730	LTE	Jun. 10, 2023	Nov. 30, 2023~ Dec. 08, 2023	Jun. 09, 2024	Conducted (TH03-HY)
Base Station (Measure)	Anritsu	MT8000A	6262134933	FR1	Jun. 10, 2023	Nov. 30, 2023~ Dec. 08, 2023	Jun. 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% ( $U = 2Uc(y)$ )	3.03 dB
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### Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ )	3.42 dB
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### Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ )	3.91 dB
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## Appendix A. Test Results of Conducted Test

### Conducted Output Power(Average power) and ERP/EIRP

<SISO Mode>

NR n2 Maximum Average Power [dBm] (GT - LC = -1.41 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
5	1	1	PI/2 BPSK	23.64	23.50	23.50	22.38	0.173
5	1	1	QPSK	23.65	23.79	23.58		
5	1	1	16-QAM	22.66	22.80	22.68	21.39	0.1377
Limit	EIRP < 2W			Result			Pass	

NR n2 Maximum Average Power [dBm] (GT - LC = -1.41 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	23.66	23.50	23.56	22.29	0.1694
10	1	1	QPSK	23.68	23.61	23.70		
10	1	1	16-QAM	22.61	22.58	22.68	21.27	0.134
Limit	EIRP < 2W			Result			Pass	

NR n2 Maximum Average Power [dBm] (GT - LC = -1.41 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	23.73	23.65	23.71	22.37	0.1726
15	1	1	QPSK	23.78	23.78	23.73		
15	1	1	16-QAM	22.68	22.70	22.66	21.29	0.1346
Limit	EIRP < 2W			Result			Pass	

NR n2 Maximum Average Power [dBm] (GT - LC = -1.41 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	23.76	23.73	23.71	22.46	0.1762
20	1	1	QPSK	23.76	23.79	23.87		
20	1	1	16-QAM	22.77	22.74	22.51	21.36	0.1368
Limit	EIRP < 2W			Result			Pass	



NR n5 Maximum Average Power [dBm] (GT - LC = -0.22 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
5	1	1	PI/2 BPSK	24.21	24.24	24.24	22.01	0.1589
5	1	1	QPSK	24.10	24.20	24.38		
5	1	1	16-QAM	23.25	23.37	23.24	21.00	0.1259
Limit	ERP < 7W			Result			Pass	

NR n5 Maximum Average Power [dBm] (GT - LC = -0.22 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
10	1	1	PI/2 BPSK	24.09	23.98	24.19	21.99	0.1581
10	1	1	QPSK	24.06	24.05	24.36		
10	1	1	16-QAM	22.98	23.03	23.25	20.88	0.1225
Limit	ERP < 7W			Result			Pass	

NR n5 Maximum Average Power [dBm] (GT - LC = -0.22 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
15	1	1	PI/2 BPSK	23.99	24.16	24.24	22.03	0.1596
15	1	1	QPSK	24.19	24.09	24.40		
15	1	1	16-QAM	23.29	23.07	23.29	20.92	0.1236
Limit	ERP < 7W			Result			Pass	

NR n5 Maximum Average Power [dBm] (GT - LC = -0.22 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
20	1	1	PI/2 BPSK	23.97	24.18	24.10	21.85	0.1531
20	1	1	QPSK	24.09	24.22	24.17		
20	1	1	16-QAM	23.33	23.30	23.56	21.19	0.1315
Limit	ERP < 7W			Result			Pass	



NR n7 Maximum Average Power [dBm] (GT - LC = -1.67 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
5	1	1	PI/2 BPSK	23.92	23.88	23.85	22.25	0.1679
5	1	1	QPSK	23.89	23.81	23.87		
5	1	1	16-QAM	23.33	23.21	23.10	21.66	0.1466
Limit	EIRP < 2W			Result			Pass	

NR n7 Maximum Average Power [dBm] (GT - LC = -1.67 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	23.94	23.88	23.83	22.37	0.1726
10	1	1	QPSK	24.00	24.04	23.98		
10	1	1	16-QAM	23.30	23.30	23.25	21.63	0.1455
Limit	EIRP < 2W			Result			Pass	

NR n7 Maximum Average Power [dBm] (GT - LC = -1.67 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	24.13	24.15	23.97	22.57	0.1807
15	1	1	QPSK	24.24	24.09	24.13		
15	1	1	16-QAM	23.24	23.11	23.08	21.57	0.1435
Limit	EIRP < 2W			Result			Pass	

NR n7 Maximum Average Power [dBm] (GT - LC = -1.67 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	24.23	24.06	24.03	22.63	0.1832
20	1	1	QPSK	24.30	24.20	24.13		
20	1	1	16-QAM	23.30	23.21	23.04	21.63	0.1455
Limit	EIRP < 2W			Result			Pass	

NR n7 Maximum Average Power [dBm] (GT - LC = -1.67 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
25	1	1	PI/2 BPSK	24.10	24.20	24.21	22.55	0.1799
25	1	1	QPSK	24.08	24.22	24.20		
25	1	1	16-QAM	23.00	23.11	23.08	21.44	0.1393
Limit	EIRP < 2W			Result			Pass	

NR n7 Maximum Average Power [dBm] (GT - LC = -1.67 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
30	1	1	PI/2 BPSK	24.05	24.17	24.12	22.63	0.1832
30	1	1	QPSK	24.29	24.27	24.30		
30	1	1	16-QAM	23.10	23.20	23.14	21.53	0.1422
Limit	EIRP < 2W			Result			Pass	

NR n7 Maximum Average Power [dBm] (GT - LC = -1.67 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	24.15	24.18	24.21	22.56	0.1803
40	1	1	QPSK	24.22	24.22	24.23		
40	1	1	16-QAM	23.04	23.07	23.00	21.40	0.1380
Limit	EIRP < 2W			Result			Pass	



NR n12 Maximum Average Power [dBm] (GT - LC = -0.59 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
5	1	1	PI/2 BPSK	23.80	23.63	23.55	21.06	0.1276
5	1	1	QPSK	23.76	23.65	23.58		
5	1	1	16-QAM	22.68	22.75	22.70	20.01	0.1002
Limit	ERP < 3W			Result			Pass	

NR n12 Maximum Average Power [dBm] (GT - LC = -0.59 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
10	1	1	PI/2 BPSK	23.74	23.66	23.64	21.01	0.1262
10	1	1	QPSK	23.75	23.61	23.62		
10	1	1	16-QAM	22.63	22.72	22.68	19.98	0.0995
Limit	ERP < 3W			Result			Pass	

NR n12 Maximum Average Power [dBm] (GT - LC = -0.59 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
15	1	1	PI/2 BPSK	23.79	23.71	23.66	21.07	0.1279
15	1	1	QPSK	23.80	23.81	23.76		
15	1	1	16-QAM	22.68	22.70	22.86	20.12	0.1028
Limit	ERP < 3W			Result			Pass	



NR n13 Maximum Average Power [dBm] (GT - LC = -0.25 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
5	1	1	PI/2 BPSK	23.51	23.51	23.64	21.24	0.1330
5	1	1	QPSK	23.32	23.58	23.60		
5	1	1	16-QAM	22.46	22.56	22.48	20.16	0.1038
Limit	ERP < 3W			Result			Pass	

NR n13 Maximum Average Power [dBm] (GT - LC = -0.25 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
10	1	1	PI/2 BPSK	-	23.52	-	21.12	0.1294
10	1	1	QPSK	-	23.39	-		
10	1	1	16-QAM	-	22.46	-	20.06	0.1014
Limit	ERP < 3W			Result			Pass	



NR n14 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	23.88	23.86	23.85	21.60	0.1445
5	1	1	QPSK	23.81	23.84	23.78		
5	1	1	16-QAM	22.86	22.98	22.62	20.70	0.1175
Limit	ERP < 3W			Result			Pass	

NR n14 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	-	23.80	-	21.52	0.1419
10	1	1	QPSK	-	23.78	-		
10	1	1	16-QAM	-	22.78	-	20.50	0.1122
Limit	ERP < 3W			Result			Pass	



NR n25 Maximum Average Power [dBm] (GT - LC = -1.41 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
5	1	1	PI/2 BPSK	23.67	23.74	23.58	22.40	0.1738
5	1	1	QPSK	23.81	23.74	23.59		
5	1	1	16-QAM	22.78	22.88	22.83	21.47	0.1403
Limit	EIRP < 2W			Result			Pass	

NR n25 Maximum Average Power [dBm] (GT - LC = -1.41 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	23.70	23.72	23.58	22.33	0.1710
10	1	1	QPSK	23.71	23.74	23.68		
10	1	1	16-QAM	22.66	22.68	22.75	21.34	0.1361
Limit	EIRP < 2W			Result			Pass	

NR n25 Maximum Average Power [dBm] (GT - LC = -1.41 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	23.93	23.96	23.86	22.58	0.1811
15	1	1	QPSK	23.99	23.96	23.98		
15	1	1	16-QAM	22.88	22.83	22.74	21.47	0.1403
Limit	EIRP < 2W			Result			Pass	

NR n25 Maximum Average Power [dBm] (GT - LC = -1.41 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	23.97	23.94	23.99	22.58	0.1811
20	1	1	QPSK	23.98	23.98	23.91		
20	1	1	16-QAM	22.62	22.80	22.73	21.39	0.1377
Limit	EIRP < 2W			Result			Pass	

NR n25 Maximum Average Power [dBm] (GT - LC = -1.41 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
25	1	1	PI/2 BPSK	23.94	23.95	23.95	22.56	0.1803
25	1	1	QPSK	23.93	23.91	23.97		
25	1	1	16-QAM	22.66	22.75	22.80	21.39	0.1377
Limit	EIRP < 2W			Result			Pass	

NR n25 Maximum Average Power [dBm] (GT - LC = -1.41 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
30	1	1	PI/2 BPSK	23.93	23.97	23.98	22.57	0.1807
30	1	1	QPSK	23.93	23.92	23.97		
30	1	1	16-QAM	22.68	22.75	22.85	21.44	0.1393
Limit	EIRP < 2W			Result			Pass	

NR n25 Maximum Average Power [dBm] (GT - LC = -1.41 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	23.95	23.86	23.91	22.57	0.1807
40	1	1	QPSK	23.98	23.91	23.98		
40	1	1	16-QAM	22.55	22.75	22.87	21.46	0.1400
Limit	EIRP < 2W			Result			Pass	



Part22H NR n26 Maximum Average Power [dBm] (GT - LC = -0.45 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
5	1	1	PI/2 BPSK	23.88	24.04	24.10	21.64	0.1459
5	1	1	QPSK	23.86	24.01	24.24		
5	1	1	16-QAM	23.20	23.31	23.08	20.71	0.1178
Limit	ERP < 7W			Result			Pass	

Part22H NR n26 Maximum Average Power [dBm] (GT - LC = -0.45 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
10	1	1	PI/2 BPSK	23.94	24.05	24.16	21.58	0.1439
10	1	1	QPSK	23.99	24.07	24.18		
10	1	1	16-QAM	22.99	23.03	23.08	20.48	0.1117
Limit	ERP < 7W			Result			Pass	

Part22H NR n26 Maximum Average Power [dBm] (GT - LC = -0.45 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
15	1	1	PI/2 BPSK	24.10	24.17	24.23	21.85	0.1531
15	1	1	QPSK	24.06	24.25	24.45		
15	1	1	16-QAM	23.22	23.02	23.18	20.62	0.1153
Limit	ERP < 7W			Result			Pass	

Part22H NR n26 Maximum Average Power [dBm] (GT - LC = -0.45 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
20	1	1	PI/2 BPSK	24.09	24.07	24.00	21.52	0.1419
20	1	1	QPSK	24.10	24.12	24.12		
20	1	1	16-QAM	23.10	23.03	23.09	20.50	0.1122
Limit	ERP < 7W			Result			Pass	





NR n30 Maximum Average Power [dBm] (GT - LC = -0.81 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
5	1	1	PI/2 BPSK	21.86	21.95	22.04	21.30	0.1349
5	1	1	QPSK	21.93	22.11	22.05		
5	1	1	16-QAM	20.55	20.40	20.62	19.81	0.0957
Limit	EIRP < 250 mW/5MHz			Result			Pass	

NR n30 Maximum Average Power [dBm] (GT - LC = -0.81 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	-	22.04	-	21.36	0.1368
10	1	1	QPSK	-	22.17	-		
10	1	1	16-QAM	-	20.51	-	19.70	0.0933
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 = -2.19 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	24.44	24.39	24.35	22.25	0.1679
10	1	1	QPSK	24.37	24.40	24.31		
10	1	1	16-QAM	22.95	23.05	23.10	20.91	0.1233
Limit	EIRP < 2W			Result			Pass	

NR n38 Maximum Average Power [dBm] (GT - LC = -2.19 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	24.60	24.66	24.40	22.47	0.1766
15	1	1	QPSK	24.57	24.56	24.38		
15	1	1	16-QAM	23.12	23.22	23.25	21.06	0.1276
Limit	EIRP < 2W			Result			Pass	

NR n38 Maximum Average Power [dBm] (GT - LC = -2.19 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	24.53	24.60	24.46	22.41	0.1742
20	1	1	QPSK	24.47	24.60	24.45		
20	1	1	16-QAM	23.08	23.30	23.15	21.11	0.1291
Limit	EIRP < 2W			Result			Pass	

NR n38 Maximum Average Power [dBm] (GT - LC = -2.19 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
30	1	1	PI/2 BPSK	24.64	24.65	24.65	22.47	0.1766
30	1	1	QPSK	24.64	24.62	24.66		
30	1	1	16-QAM	23.15	23.30	23.22	21.11	0.1291
Limit	EIRP < 2W			Result			Pass	

NR n38 Maximum Average Power [dBm] (GT - LC = -2.19 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	24.62	24.58	24.62	22.44	0.1754
40	1	1	QPSK	24.60	24.59	24.63		
40	1	1	16-QAM	23.24	23.15	23.33	21.14	0.1300
Limit	EIRP < 2W			Result			Pass	



NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -1.03 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	27.17	27.19	26.75	26.16	0.4130
20	1	1	QPSK	27.12	27.13	26.76		
20	1	1	16-QAM	25.66	25.76	25.68	24.73	0.2972
Limit	EIRP < 2W			Result			Pass	

NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -1.03 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
30	1	1	PI/2 BPSK	27.21	27.23	26.82	26.20	0.4169
30	1	1	QPSK	27.12	27.22	26.65		
30	1	1	16-QAM	25.68	25.77	25.66	24.74	0.2979
Limit	EIRP < 2W			Result			Pass	

NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -1.03 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	27.24	27.27	26.77	26.24	0.4207
40	1	1	QPSK	27.23	27.20	26.80		
40	1	1	16-QAM	25.60	25.49	25.73	24.70	0.2951
Limit	EIRP < 2W			Result			Pass	

NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -1.03 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
50	1	1	PI/2 BPSK	27.03	27.11	26.64	26.08	0.4055
50	1	1	QPSK	26.99	27.06	26.56		
50	1	1	16-QAM	25.63	25.78	25.66	24.75	0.2985
Limit	EIRP < 2W			Result			Pass	



NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -1.03 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
60	1	1	PI/2 BPSK	27.03	27.08	26.63	26.05	0.4027
60	1	1	QPSK	26.98	26.97	26.59		
60	1	1	16-QAM	25.78	25.61	25.58	24.75	0.2985
Limit	EIRP < 2W			Result			Pass	

NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -1.03 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
70	1	1	PI/2 BPSK	26.91	26.90	26.62	25.88	0.3873
70	1	1	QPSK	26.78	26.80	26.62		
70	1	1	16-QAM	25.76	25.61	25.66	24.73	0.2972
Limit	EIRP < 2W			Result			Pass	

NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -1.03 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
80	1	1	PI/2 BPSK	26.88	26.90	26.64	25.87	0.3864
80	1	1	QPSK	26.83	26.85	26.56		
80	1	1	16-QAM	25.67	25.66	25.69	24.66	0.2924
Limit	EIRP < 2W			Result			Pass	

NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -1.03 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
90	1	1	PI/2 BPSK	26.88	26.85	26.51	25.85	0.3846
90	1	1	QPSK	26.72	26.82	26.49		
90	1	1	16-QAM	25.71	25.76	25.75	24.73	0.2972
Limit	EIRP < 2W			Result			Pass	

NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -1.03 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
100	1	1	PI/2 BPSK	26.90	26.85	26.64	25.87	0.3864
100	1	1	QPSK	26.80	26.81	26.60		
100	1	1	16-QAM	25.66	25.76	25.80	24.77	0.2999
Limit	EIRP < 2W			Result			Pass	



NR n66 Maximum Average Power [dBm] (GT - LC = -0.25 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
5	1	1	PI/2 BPSK	23.66	23.75	23.58	23.50	0.2239
5	1	1	QPSK	23.71	23.69	23.67		
5	1	1	16-QAM	22.51	22.49	22.48	22.26	0.1683
Limit	EIRP < 1W			Result			Pass	

NR n66 Maximum Average Power [dBm] (GT - LC = -0.25 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	23.69	23.73	23.60	23.48	0.2228
10	1	1	QPSK	23.71	23.73	23.60		
10	1	1	16-QAM	22.38	22.51	22.48	22.26	0.1683
Limit	EIRP < 1W			Result			Pass	

NR n66 Maximum Average Power [dBm] (GT - LC = -0.25 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	23.88	23.94	23.84	23.70	0.2344
15	1	1	QPSK	23.90	23.95	23.83		
15	1	1	16-QAM	22.76	22.58	22.66	22.51	0.1782
Limit	EIRP < 1W			Result			Pass	

NR n66 Maximum Average Power [dBm] (GT - LC = -0.25 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	23.89	23.92	23.82	23.96	0.2489
20	1	1	QPSK	23.90	24.21	23.91		
20	1	1	16-QAM	22.69	22.64	22.70	22.45	0.1758
Limit	EIRP < 1W			Result			Pass	

NR n66 Maximum Average Power [dBm] (GT - LC = -0.25 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
30	1	1	PI/2 BPSK	23.77	23.88	23.82	23.67	0.2328
30	1	1	QPSK	23.84	23.92	23.84		
30	1	1	16-QAM	22.77	22.84	22.68	22.59	0.1816
Limit	EIRP < 1W			Result			Pass	

NR n66 Maximum Average Power [dBm] (GT - LC = -0.25 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	23.75	23.88	23.74	23.63	0.2307
40	1	1	QPSK	23.77	23.77	23.68		
40	1	1	16-QAM	22.84	22.65	22.62	22.59	0.1816
Limit	EIRP < 1W			Result			Pass	



NR n71 Maximum Average Power [dBm] (GT - LC = -0.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
5	1	1	PI/2 BPSK	23.86	23.72	23.76	20.86	0.1219
5	1	1	QPSK	23.91	23.72	23.72		
5	1	1	16-QAM	22.66	22.63	22.52	19.61	0.0914
Limit	ERP < 3W			Result			Pass	

NR n71 Maximum Average Power [dBm] (GT - LC = -0.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
10	1	1	PI/2 BPSK	23.55	23.86	23.72	20.86	0.1219
10	1	1	QPSK	23.84	23.91	23.77		
10	1	1	16-QAM	22.66	22.68	22.72	19.67	0.0927
Limit	ERP < 3W			Result			Pass	

NR n71 Maximum Average Power [dBm] (GT - LC = -0.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
15	1	1	PI/2 BPSK	23.63	23.79	23.93	20.94	0.1242
15	1	1	QPSK	23.90	23.91	23.99		
15	1	1	16-QAM	22.58	22.84	22.88	19.83	0.0962
Limit	ERP < 3W			Result			Pass	

NR n71 Maximum Average Power [dBm] (GT - LC = -0.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
20	1	1	PI/2 BPSK	23.66	23.81	23.85	20.94	0.1242
20	1	1	QPSK	23.86	23.81	23.99		
20	1	1	16-QAM	22.76	22.68	22.64	19.71	0.0935
Limit	ERP < 3W			Result			Pass	



Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0.17 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	26.30	26.32	26.40	26.59	0.4560
10	1	1	QPSK	26.32	26.32	26.42		
10	1	1	16-QAM	25.62	25.55	25.40	25.79	0.3793
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0.17 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	26.36	26.35	26.44	26.67	0.4645
15	1	1	QPSK	26.50	26.38	26.35		
15	1	1	16-QAM	25.35	25.40	25.63	25.80	0.3802
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0.17 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	26.37	26.33	26.33	26.55	0.4519
20	1	1	QPSK	26.33	26.38	26.38		
20	1	1	16-QAM	25.40	25.42	25.30	25.59	0.3622
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0.17 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
30	1	1	PI/2 BPSK	26.22	26.21	26.14	26.39	0.4355
30	1	1	QPSK	26.17	26.18	26.08		
30	1	1	16-QAM	25.42	25.30	25.35	25.59	0.3622
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0.17 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	26.26	26.49	26.23	26.66	0.4634
40	1	1	QPSK	26.25	26.33	26.21		
40	1	1	16-QAM	25.35	25.35	25.48	25.65	0.3673
Limit	EIRP < 1W			Result			Pass	



Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0.17 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
50	1	1	PI/2 BPSK	26.30	26.05	26.30	26.67	0.4645
50	1	1	QPSK	26.25	26.50	26.33		
50	1	1	16-QAM	25.37	25.40	25.46	25.63	0.3656
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0.17 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
60	1	1	PI/2 BPSK	26.33	26.38	26.35	26.60	0.4571
60	1	1	QPSK	26.43	26.40	26.37		
60	1	1	16-QAM	25.33	25.46	25.51	25.68	0.3698
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0.17 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
70	1	1	PI/2 BPSK	26.22	26.35	26.28	26.52	0.4487
70	1	1	QPSK	26.17	26.25	26.25		
70	1	1	16-QAM	25.35	25.46	25.55	25.72	0.3733
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0.17 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
80	1	1	PI/2 BPSK	26.19	26.14	26.27	26.44	0.4406
80	1	1	QPSK	26.13	26.21	26.27		
80	1	1	16-QAM	25.33	25.48	25.46	25.65	0.3673
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0.17 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
90	1	1	PI/2 BPSK	26.20	26.24	26.19	26.41	0.4375
90	1	1	QPSK	26.20	26.24	26.16		
90	1	1	16-QAM	25.60	25.48	25.44	25.77	0.3776
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0.17 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
100	1	1	PI/2 BPSK	26.11	26.10	26.12	26.31	0.4276
100	1	1	QPSK	26.11	26.09	26.14		
100	1	1	16-QAM	25.46	25.48	25.62	25.79	0.3793
Limit	EIRP < 1W			Result			Pass	





Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = 0.36 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	26.15	26.09	26.26	26.62	0.4592
10	1	1	QPSK	26.14	26.11	26.20		
10	1	1	16-QAM	25.60	25.48	25.50	25.96	0.3945
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = 0.36 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	26.37	26.32	26.30	26.73	0.4710
15	1	1	QPSK	26.32	26.29	26.28		
15	1	1	16-QAM	25.48	25.38	25.60	25.96	0.3945
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = 0.36 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	26.36	26.34	26.30	26.74	0.4721
20	1	1	QPSK	26.38	26.20	26.28		
20	1	1	16-QAM	25.42	25.65	25.55	26.01	0.3990
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = 0.36 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
30	1	1	PI/2 BPSK	26.44	26.42	26.49	26.85	0.4842
30	1	1	QPSK	26.42	26.40	26.35		
30	1	1	16-QAM	25.40	25.48	25.43	25.84	0.3837
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = 0.36 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	26.44	26.48	26.50	26.86	0.4853
40	1	1	QPSK	26.45	26.49	26.48		
40	1	1	16-QAM	25.46	25.40	25.44	25.82	0.3819
Limit	EIRP < 1W			Result			Pass	



Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = 0.36 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
50	1	1	PI/2 BPSK	26.15	26.18	26.48	26.84	0.4831
50	1	1	QPSK	26.14	26.17	26.02		
50	1	1	16-QAM	25.44	25.46	25.40	25.82	0.3819
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = 0.36 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
60	1	1	PI/2 BPSK	26.08	26.15	26.03	26.51	0.4477
60	1	1	QPSK	26.05	26.14	26.05		
60	1	1	16-QAM	25.40	25.41	25.46	25.82	0.3819
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = 0.36 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
70	1	1	PI/2 BPSK	26.07	26.02	26.05	26.51	0.4477
70	1	1	QPSK	26.08	26.15	26.05		
70	1	1	16-QAM	25.48	25.44	25.40	25.84	0.3837
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = 0.36 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
80	1	1	PI/2 BPSK	26.08	26.10	26.05	26.46	0.4426
80	1	1	QPSK	26.08	26.05	26.03		
80	1	1	16-QAM	25.50	25.44	25.49	25.86	0.3855
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = 0.36 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
90	1	1	PI/2 BPSK	26.20	26.15	26.05	26.66	0.4634
90	1	1	QPSK	26.25	26.08	26.30		
90	1	1	16-QAM	25.53	25.46	25.50	25.89	0.3882
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = 0.36 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
100	1	1	PI/2 BPSK	-	26.10	-	26.54	0.4508
100	1	1	QPSK	-	26.18	-		
100	1	1	16-QAM	-	25.50	-	25.86	0.3855
Limit	EIRP < 1W			Result			Pass	



Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0.17 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	26.19	26.13	26.18	26.36	0.4325
10	1	1	QPSK	26.17	26.17	26.15		
10	1	1	16-QAM	25.66	25.70	25.48	25.87	0.3864
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0.17 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	26.41	26.44	26.29	26.61	0.4581
15	1	1	QPSK	26.40	26.43	26.20		
15	1	1	16-QAM	25.61	25.73	25.65	25.90	0.3890
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0.17 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	26.41	26.42	26.27	26.62	0.4592
20	1	1	QPSK	26.36	26.45	26.30		
20	1	1	16-QAM	25.66	25.69	25.58	25.86	0.3855
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0.17 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
30	1	1	PI/2 BPSK	26.50	26.57	26.59	26.76	0.4742
30	1	1	QPSK	26.48	26.52	26.56		
30	1	1	16-QAM	25.62	25.66	25.48	25.83	0.3828
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0.17 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	26.57	26.60	26.64	26.81	0.4797
40	1	1	QPSK	26.55	26.52	26.60		
40	1	1	16-QAM	25.61	25.70	25.63	25.87	0.3864
Limit	EIRP < 1W			Result			Pass	



Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0.17 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
50	1	1	PI/2 BPSK	26.24	26.29	26.30	26.48	0.4446
50	1	1	QPSK	26.24	26.28	26.31		
50	1	1	16-QAM	25.49	25.70	25.63	25.87	0.3864
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0.17 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
60	1	1	PI/2 BPSK	26.25	26.33	26.29	26.55	0.4519
60	1	1	QPSK	26.29	26.38	26.29		
60	1	1	16-QAM	25.63	25.75	25.60	25.92	0.3908
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0.17 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
70	1	1	PI/2 BPSK	26.15	26.23	26.26	26.45	0.4416
70	1	1	QPSK	26.15	26.28	26.25		
70	1	1	16-QAM	25.60	25.64	25.63	25.81	0.3811
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0.17 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
80	1	1	PI/2 BPSK	26.29	26.24	26.21	26.46	0.4426
80	1	1	QPSK	26.24	26.22	26.26		
80	1	1	16-QAM	25.63	25.61	25.70	25.87	0.3864
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0.17 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
90	1	1	PI/2 BPSK	26.26	26.20	26.29	26.46	0.4426
90	1	1	QPSK	26.22	26.21	26.27		
90	1	1	16-QAM	25.66	25.44	25.63	25.83	0.3828
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0.17 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
100	1	1	PI/2 BPSK	-	26.29	-	26.46	0.4426
100	1	1	QPSK	-	26.29	-		
100	1	1	16-QAM	-	25.48	-	25.65	0.3673
Limit	EIRP < 1W			Result			Pass	



Part 27Q NR n78 HPUE Maximum Average Power [dBm] (GT - LC = 0.36 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	26.20	26.13	26.02	26.56	0.4529
10	1	1	QPSK	26.12	26.19	26.09		
10	1	1	16-QAM	25.66	25.61	25.70	26.06	0.4036
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n78 HPUE Maximum Average Power [dBm] (GT - LC = 0.36 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	26.35	26.36	26.25	26.8	0.4786
15	1	1	QPSK	26.36	26.44	26.23		
15	1	1	16-QAM	25.66	25.49	25.63	26.02	0.3999
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n78 HPUE Maximum Average Power [dBm] (GT - LC = 0.36 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	26.05	25.88	25.85	26.41	0.4375
20	1	1	QPSK	25.99	25.89	25.88		
20	1	1	16-QAM	25.70	25.58	25.66	26.06	0.4036
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n78 HPUE Maximum Average Power [dBm] (GT - LC = 0.36 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
30	1	1	PI/2 BPSK	26.10	26.02	26.15	26.51	0.4477
30	1	1	QPSK	26.10	26.03	26.15		
30	1	1	16-QAM	25.51	25.43	25.60	25.96	0.3945
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n78 HPUE Maximum Average Power [dBm] (GT - LC = 0.36 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	26.23	26.16	26.33	26.69	0.4667
40	1	1	QPSK	26.25	26.09	26.28		
40	1	1	16-QAM	25.70	25.61	25.63	26.06	0.4036
Limit	EIRP < 1W			Result			Pass	



Part 27Q NR n78 HPUE Maximum Average Power [dBm] (GT - LC = 0.36 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
50	1	1	PI/2 BPSK	25.97	25.83	25.91	26.33	0.4295
50	1	1	QPSK	25.93	25.88	25.89		
50	1	1	16-QAM	25.68	25.77	25.61	26.13	0.4102
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n78 HPUE Maximum Average Power [dBm] (GT - LC = 0.36 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
60	1	1	PI/2 BPSK	26.00	25.90	25.86	26.37	0.4335
60	1	1	QPSK	26.01	25.86	25.79		
60	1	1	16-QAM	25.68	25.66	25.72	26.08	0.4055
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n78 HPUE Maximum Average Power [dBm] (GT - LC = 0.36 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
70	1	1	PI/2 BPSK	25.91	25.82	25.71	26.27	0.4236
70	1	1	QPSK	25.88	25.79	25.74		
70	1	1	16-QAM	25.61	25.79	25.66	26.15	0.4121
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n78 HPUE Maximum Average Power [dBm] (GT - LC = 0.36 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
80	1	1	PI/2 BPSK	25.85	25.81	25.74	26.21	0.4178
80	1	1	QPSK	25.82	25.83	25.75		
80	1	1	16-QAM	25.66	25.48	25.56	26.02	0.3999
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n78 HPUE Maximum Average Power [dBm] (GT - LC = 0.36 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
90	1	1	PI/2 BPSK	25.89	25.90	25.89	26.29	0.4256
90	1	1	QPSK	25.82	25.91	25.93		
90	1	1	16-QAM	25.74	25.63	25.55	26.10	0.4074
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n78 HPUE Maximum Average Power [dBm] (GT - LC = 0.36 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
100	1	1	PI/2 BPSK	-	25.97	-	26.33	0.4295
100	1	1	QPSK	-	25.95	-		
100	1	1	16-QAM	-	25.43	-	25.79	0.3793
Limit	EIRP < 1W			Result			Pass	



Part90s NR n26 Maximum Average Power [dBm] (GT - LC = -0.45 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP
5	1	1	PI/2 BPSK	23.56	23.61	23.54	21.30	0.1349
5	1	1	QPSK	23.57	23.70	23.90		
5	1	1	16-QAM	22.68	22.72	22.74	20.14	0.1033
Limit	Power < 100W			Result			Pass	

Part90s NR n26 Maximum Average Power [dBm] (GT - LC = -0.45 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP
10	1	1	PI/2 BPSK	-	23.58	-	20.98	0.1253
10	1	1	QPSK	-	23.53	-		
10	1	1	16-QAM	-	22.65	-	20.05	0.1012
Limit	Power < 100W			Result			Pass	



<b>Part90S NR n26 Straddle Channel Maximum Average Power [dBm] (GT - LC = -0.45 dB)</b>								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP
5	1	1	PI/2 BPSK	-	24.33	-	21.75	0.1496
5	1	1	QPSK	-	24.35	-		
5	1	1	16-QAM	-	23.28	-	20.68	0.1169
Limit	Reporting only			Result			N/A	

<b>Part90S NR n26 Straddle Channel Maximum Average Power [dBm] (GT - LC = -0.45 dB)</b>								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP
10	1	1	PI/2 BPSK	-	24.30	-	21.80	0.1514
10	1	1	QPSK	-	24.40	-		
10	1	1	16-QAM	-	23.35	-	20.75	0.1189
Limit	Reporting only			Result			N/A	

<b>Part90S NR n26 Straddle Channel Maximum Average Power [dBm] (GT - LC = -0.45 dB)</b>								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP
15	1	1	PI/2 BPSK	-	24.22	-	21.66	0.1466
15	1	1	QPSK	-	24.26	-		
15	1	1	16-QAM	-	23.16	-	20.56	0.1138
Limit	Reporting only			Result			N/A	

<b>Part90S NR n26 Straddle Channel Maximum Average Power [dBm] (GT - LC = -0.45 dB)</b>								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP
20	1	1	PI/2 BPSK	-	24.15	-	21.57	0.1435
20	1	1	QPSK	-	24.17	-		
20	1	1	16-QAM	-	23.12	-	20.52	0.1127
Limit	Reporting only			Result			N/A	





<MIMO Mode>

NR n38 Maximum Average Power [dBm], DG = 0.67 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	18.20	18.11	18.16	18.23	18.35	18.20	21.23	21.24	21.19	21.91	0.1552
10	1	1	16-QAM	17.50	17.62	17.59	17.68	17.88	17.85	20.60	20.76	20.73	21.43	0.1390
Limit	EIRP < 2W			Result									Pass	

NR n38 Maximum Average Power [dBm], DG = 0.67 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	18.56	18.66	18.62	18.75	18.62	18.66	21.67	21.65	21.65	22.34	0.1714
15	1	1	16-QAM	17.62	17.77	17.63	17.98	18.02	17.96	20.81	20.91	20.81	21.58	0.1439
Limit	EIRP < 2W			Result									Pass	

NR n38 Maximum Average Power [dBm], DG = 0.67 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	18.66	18.10	18.54	18.63	18.27	18.60	21.66	21.20	21.58	22.33	0.1710
20	1	1	16-QAM	17.53	17.45	17.72	18.10	17.80	18.02	20.83	20.64	20.88	21.55	0.1429
Limit	EIRP < 2W			Result									Pass	

NR n38 Maximum Average Power [dBm], DG = 0.67 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	18.63	18.52	18.49	18.35	18.45	18.57	21.50	21.50	21.54	22.21	0.1663
30	1	1	16-QAM	17.61	17.55	17.62	17.92	17.86	17.59	20.78	20.72	20.62	21.45	0.1396
Limit	EIRP < 2W			Result									Pass	

NR n38 Maximum Average Power [dBm], DG = 0.67 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	18.60	18.59	18.44	18.46	18.35	18.62	21.54	21.48	21.54	22.21	0.1663
40	1	1	16-QAM	17.58	17.75	17.62	17.80	17.68	17.81	20.70	20.73	20.73	21.40	0.1380
Limit	EIRP < 2W			Result									Pass	

Remark : All transmit signals are completely uncorrelated with each other.



NR n41 PC2 Maximum Average Power [dBm], DG = -0.03 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	22.15	22.17	21.80	22.29	22.32	22.23	25.23	25.26	25.03	25.23	0.3334
20	1	1	16-QAM	21.57	21.53	21.15	21.69	21.59	21.70	24.64	24.57	24.44	24.61	0.2891
Limit	EIRP < 2W			Result									Pass	

NR n41 PC2 Maximum Average Power [dBm], DG = -0.03 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	22.10	22.23	21.70	22.43	22.55	22.31	25.28	25.40	25.03	25.37	0.3443
30	1	1	16-QAM	21.50	21.66	21.12	21.94	21.91	21.81	24.74	24.80	24.49	24.77	0.2999
Limit	EIRP < 2W			Result									Pass	

NR n41 PC2 Maximum Average Power [dBm], DG = -0.03 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	22.21	22.30	21.87	22.53	22.63	22.62	25.38	25.48	25.27	25.45	0.3508
40	1	1	16-QAM	21.58	21.56	21.33	22.00	22.20	21.91	24.81	24.90	24.64	24.87	0.3069
Limit	EIRP < 2W			Result									Pass	

NR n41 PC2 Maximum Average Power [dBm], DG = -0.03 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	21.87	22.10	21.56	22.18	22.58	22.19	25.04	25.36	24.90	25.33	0.3412
50	1	1	16-QAM	21.48	21.28	21.11	21.73	21.79	21.57	24.62	24.55	24.36	24.59	0.2877
Limit	EIRP < 2W			Result									Pass	

NR n41 PC2 Maximum Average Power [dBm], DG = -0.03 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	21.92	21.85	21.56	22.07	22.01	21.95	25.01	24.94	24.77	24.98	0.3148
60	1	1	16-QAM	21.43	21.24	20.91	21.63	21.77	21.41	24.54	24.52	24.18	24.51	0.2825
Limit	EIRP < 2W			Result									Pass	

NR n41 PC2 Maximum Average Power [dBm], DG = -0.03 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	21.80	21.73	21.65	21.86	21.86	22.01	24.84	24.81	24.84	24.81	0.3027
70	1	1	16-QAM	21.26	21.31	20.82	21.46	21.24	21.80	24.37	24.29	24.35	24.34	0.2716
Limit	EIRP < 2W			Result									Pass	

NR n41 PC2 Maximum Average Power [dBm], DG = -0.03 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	21.65	21.78	21.50	21.85	21.90	22.17	24.76	24.85	24.86	24.83	0.3041
80	1	1	16-QAM	20.71	21.37	21.07	21.55	21.41	21.74	24.16	24.40	24.43	24.40	0.2754
Limit	EIRP < 2W			Result									Pass	

NR n41 PC2 Maximum Average Power [dBm], DG = -0.03 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	21.61	21.70	21.49	21.98	21.97	21.81	24.81	24.85	24.66	24.82	0.3034
90	1	1	16-QAM	21.12	21.28	20.93	21.45	21.29	21.39	24.30	24.30	24.18	24.27	0.2673
Limit	EIRP < 2W			Result									Pass	

NR n41 PC2 Maximum Average Power [dBm], DG = -0.03 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	21.62	21.61	21.50	21.97	22.16	21.84	24.81	24.90	24.68	24.87	0.3069
100	1	1	16-QAM	21.19	21.11	21.07	21.41	21.59	21.46	24.31	24.37	24.28	24.34	0.2716
Limit	EIRP < 2W			Result									Pass	

Remark : All transmit signals are completely uncorrelated with each other.



Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 0.93 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 2			Antenna 0			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
10	1	1	QPSK	23.07	22.67	22.72	23.30	23.38	23.63	26.20	26.05	26.21	27.14	0.5176
10	1	1	16-QAM	22.60	22.01	22.04	22.92	22.84	23.06	25.77	25.46	25.59	26.70	0.4677
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 0.93 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 2			Antenna 0			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
15	1	1	QPSK	23.20	22.95	22.71	23.41	23.62	23.80	26.32	26.31	26.30	27.25	0.5309
15	1	1	16-QAM	22.58	22.24	22.03	22.83	23.00	23.15	25.72	25.65	25.64	26.65	0.4624
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 0.93 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 2			Antenna 0			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
20	1	1	QPSK	23.18	22.91	22.80	23.43	23.62	23.68	26.32	26.29	26.27	27.25	0.5309
20	1	1	16-QAM	22.50	22.19	22.21	22.77	23.03	23.25	25.65	25.64	25.77	26.70	0.4677
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 0.93 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 2			Antenna 0			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
30	1	1	QPSK	23.16	22.96	22.98	23.65	23.52	23.66	26.42	26.26	26.34	27.35	0.5433
30	1	1	16-QAM	22.60	22.37	22.39	23.00	23.06	23.03	25.81	25.74	25.73	26.74	0.4721
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 0.93 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 2			Antenna 0			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
40	1	1	QPSK	23.50	23.10	23.04	23.67	23.79	23.77	26.60	26.47	26.43	27.53	0.5662
40	1	1	16-QAM	22.80	22.52	22.40	23.01	23.02	23.38	25.92	25.79	25.93	26.86	0.4853
Limit	EIRP < 1W			Result									Pass	



Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 0.93 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 2			Antenna 0			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
50	1	1	QPSK	23.01	22.73	22.55	23.25	23.30	23.54	26.14	26.03	26.08	27.07	0.5093
50	1	1	16-QAM	22.35	22.19	21.97	22.60	22.64	23.21	25.49	25.43	25.64	26.57	0.4539
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 0.93 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 2			Antenna 0			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
60	1	1	QPSK	22.85	22.78	22.58	23.21	23.42	23.42	26.04	26.12	26.03	27.05	0.5070
60	1	1	16-QAM	22.29	22.13	22.03	22.68	22.79	22.89	25.50	25.48	25.49	26.43	0.4395
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 0.93 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 2			Antenna 0			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
70	1	1	QPSK	22.75	22.72	22.64	23.21	23.29	23.34	26.00	26.02	26.01	26.95	0.4955
70	1	1	16-QAM	22.23	22.02	21.95	22.69	22.53	22.91	25.48	25.29	25.47	26.41	0.4375
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 0.93 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 2			Antenna 0			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
80	1	1	QPSK	22.76	22.69	22.59	23.25	23.50	23.19	26.02	26.12	25.91	27.05	0.5070
80	1	1	16-QAM	22.27	22.10	21.80	22.93	22.75	22.59	25.62	25.45	25.22	26.55	0.4519
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 0.93 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 2			Antenna 0			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
90	1	1	QPSK	22.92	22.61	22.53	23.13	23.09	23.02	26.04	25.87	25.79	26.97	0.4977
90	1	1	16-QAM	22.27	22.11	21.97	22.65	22.64	22.59	25.47	25.39	25.30	26.40	0.4365
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 0.93 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 2			Antenna 0			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
100	1	1	QPSK	22.73	22.61	22.60	23.13	23.20	23.13	25.94	25.93	25.88	26.87	0.4864
100	1	1	16-QAM	22.09	21.88	21.95	22.74	22.80	22.48	25.44	25.37	25.23	26.37	0.4335
Limit	EIRP < 1W			Result									Pass	

Remark : All transmit signals are completely uncorrelated with each other.



Part270 NR n78 HPUE Maximum Average Power [dBm], DG = 0.84 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 2			Antenna 0			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
10	1	1	QPSK	23.32	23.33	23.26	23.48	23.44	23.54	26.41	26.40	26.41	27.25	0.5309
10	1	1	16-QAM	22.84	22.69	22.75	22.79	22.84	22.91	25.83	25.78	25.84	26.68	0.4656
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 HPUE Maximum Average Power [dBm], DG = 0.84 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 2			Antenna 0			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
15	1	1	QPSK	23.56	23.46	23.42	23.52	23.66	23.62	26.55	26.57	26.53	27.41	0.5508
15	1	1	16-QAM	22.99	22.94	22.68	22.93	23.02	23.07	25.97	25.99	25.89	26.83	0.4819
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 HPUE Maximum Average Power [dBm], DG = 0.84 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 2			Antenna 0			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
20	1	1	QPSK	23.56	23.50	23.41	23.41	23.55	23.39	26.50	26.54	26.41	27.38	0.547
20	1	1	16-QAM	22.95	22.83	22.67	22.95	22.96	23.07	25.96	25.91	25.88	26.80	0.4786
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 HPUE Maximum Average Power [dBm], DG = 0.84 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 2			Antenna 0			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
30	1	1	QPSK	23.66	23.67	23.54	23.59	23.83	23.66	26.64	26.76	26.61	27.6	0.5754
30	1	1	16-QAM	23.03	22.91	23.09	23.11	23.23	23.19	26.08	26.08	26.15	26.99	0.5000
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 HPUE Maximum Average Power [dBm], DG = 0.84 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 2			Antenna 0			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
40	1	1	QPSK	23.64	23.68	23.61	23.70	23.80	23.74	26.68	26.75	26.69	27.59	0.5741
40	1	1	16-QAM	23.13	23.13	22.95	23.11	23.29	23.09	26.13	26.22	26.03	27.06	0.5082
Limit	EIRP < 1W			Result									Pass	



Part270 NR n78 HPUE Maximum Average Power [dBm], DG = 0.84 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 2			Antenna 0			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
50	1	1	QPSK	23.53	23.35	23.20	23.35	23.43	23.34	26.45	26.40	26.28	27.29	0.5358
50	1	1	16-QAM	22.78	22.66	22.60	22.90	22.87	22.90	25.85	25.78	25.76	26.69	0.4667
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 HPUE Maximum Average Power [dBm], DG = 0.84 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 2			Antenna 0			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
60	1	1	QPSK	23.29	23.27	23.02	23.27	23.34	23.30	26.29	26.32	26.17	27.16	0.5200
60	1	1	16-QAM	22.69	22.65	22.57	22.81	22.82	22.65	25.76	25.75	25.62	26.60	0.4571
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 HPUE Maximum Average Power [dBm], DG = 0.84 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 2			Antenna 0			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
70	1	1	QPSK	23.36	23.08	23.12	23.33	23.14	23.46	26.36	26.12	26.30	27.20	0.5248
70	1	1	16-QAM	22.57	22.62	22.68	22.80	22.54	22.87	25.70	25.59	25.79	26.63	0.4603
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 HPUE Maximum Average Power [dBm], DG = 0.84 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 2			Antenna 0			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
80	1	1	QPSK	23.11	23.16	23.24	23.23	23.13	23.34	26.18	26.16	26.30	27.14	0.5176
80	1	1	16-QAM	22.48	22.52	22.55	22.63	22.84	22.58	25.57	25.69	25.58	26.53	0.4498
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 HPUE Maximum Average Power [dBm], DG = 0.84 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 2			Antenna 0			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
90	1	1	QPSK	23.03	23.17	23.05	23.19	23.26	23.15	26.12	26.23	26.11	27.07	0.5093
90	1	1	16-QAM	22.44	22.65	22.57	22.65	22.76	22.64	25.56	25.72	25.62	26.56	0.4529
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 HPUE Maximum Average Power [dBm], DG = 0.84 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 2			Antenna 0			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
100	1	1	QPSK	-	23.10	-	-	23.15	-	-	26.14	-	29.64	0.9204
100	1	1	16-QAM	-	22.52	-	-	22.54	-	-	25.54	-	29.04	0.8017
Limit	EIRP < 1W			Result									Pass	

Remark : All transmit signals are completely uncorrelated with each other.



Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 0.93 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 2			Antenna 0			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
10	1	1	QPSK	23.35	23.29	23.31	23.55	23.58	23.51	26.46	26.45	26.42	27.39	0.5483
10	1	1	16-QAM	22.76	22.64	22.72	22.88	23.01	22.81	25.83	25.84	25.78	26.77	0.4753
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 0.93 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 2			Antenna 0			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
15	1	1	QPSK	23.57	23.38	23.37	23.70	23.82	23.63	26.65	26.62	26.51	27.58	0.5728
15	1	1	16-QAM	22.89	22.78	22.73	23.25	23.15	22.97	26.08	25.98	25.86	27.01	0.5023
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 0.93 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 2			Antenna 0			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
20	1	1	QPSK	23.60	23.44	23.44	23.79	23.70	23.49	26.71	26.58	26.48	27.64	0.5808
20	1	1	16-QAM	22.93	22.80	22.79	23.24	23.14	22.89	26.10	25.98	25.85	27.03	0.5047
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 0.93 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 2			Antenna 0			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
30	1	1	QPSK	23.69	23.54	23.65	23.94	23.88	23.75	26.83	26.72	26.71	27.76	0.5970
30	1	1	16-QAM	23.08	22.90	23.11	23.30	23.45	23.12	26.20	26.19	26.13	27.13	0.5164
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 0.93 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 2			Antenna 0			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
40	1	1	QPSK	23.82	23.61	23.73	24.02	23.89	23.80	26.93	26.76	26.78	27.86	0.6109
40	1	1	16-QAM	23.11	22.94	23.10	23.21	23.25	23.14	26.17	26.11	26.13	27.10	0.5129
Limit	EIRP < 1W			Result									Pass	



Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 0.93 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 2			Antenna 0			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
50	1	1	QPSK	23.47	23.39	23.46	23.64	23.44	23.66	26.57	26.43	26.57	27.50	0.5623
50	1	1	16-QAM	22.96	22.81	22.82	23.03	23.01	23.04	26.01	25.92	25.94	26.94	0.4943
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 0.93 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 2			Antenna 0			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
60	1	1	QPSK	23.28	23.26	23.37	23.56	23.40	23.60	26.43	26.34	26.50	27.43	0.5534
60	1	1	16-QAM	22.68	22.81	22.91	22.98	22.68	23.06	25.84	25.76	26.00	26.93	0.4932
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 0.93 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 2			Antenna 0			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
70	1	1	QPSK	23.32	23.29	23.24	23.42	23.20	23.42	26.38	26.26	26.34	27.31	0.5383
70	1	1	16-QAM	22.68	22.68	22.76	23.03	22.61	22.83	25.87	25.66	25.81	26.80	0.4786
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 0.93 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 2			Antenna 0			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
80	1	1	QPSK	23.32	23.45	23.47	23.51	23.39	23.09	26.43	26.43	26.29	27.36	0.5445
80	1	1	16-QAM	22.83	22.92	22.66	22.89	22.93	23.14	25.87	25.94	25.92	26.87	0.4864
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 0.93 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 2			Antenna 0			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
90	1	1	QPSK	23.33	23.40	23.37	23.37	23.33	23.30	26.36	26.38	26.35	27.31	0.5383
90	1	1	16-QAM	22.77	22.78	22.85	22.81	22.88	22.79	25.80	25.84	25.83	26.77	0.4753
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 0.93 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 2			Antenna 0			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
100	1	1	QPSK	-	23.39	-	-	23.58	-	-	26.50	-	27.43	0.5534
100	1	1	16-QAM	-	22.76	-	-	23.33	-	-	26.06	-	26.99	0.5000
Limit	EIRP < 1W			Result									Pass	

Remark : All transmit signals are completely uncorrelated with each other.





Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = 0.84 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 2			Antenna 0			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
10	1	1	QPSK	23.46	23.34	23.30	23.29	23.34	23.32	26.39	26.35	26.32	27.23	0.5284
10	1	1	16-QAM	22.69	22.74	22.72	22.59	22.74	22.66	25.65	25.75	25.70	26.59	0.4560
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = 0.84 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 2			Antenna 0			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
15	1	1	QPSK	23.50	23.54	23.42	23.46	23.56	23.27	26.49	26.56	26.36	27.40	0.5495
15	1	1	16-QAM	23.00	22.82	22.70	22.83	22.92	22.63	25.93	25.88	25.68	26.77	0.4753
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = 0.84 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 2			Antenna 0			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
20	1	1	QPSK	23.61	23.49	23.41	23.52	23.52	23.25	26.58	26.52	26.34	27.42	0.5521
20	1	1	16-QAM	22.96	22.94	22.81	22.83	22.84	22.71	25.91	25.90	25.77	26.75	0.4732
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = 0.84 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 2			Antenna 0			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
30	1	1	QPSK	23.72	23.53	23.64	23.54	23.51	23.45	26.64	26.53	26.56	27.48	0.5598
30	1	1	16-QAM	23.07	23.06	23.06	23.07	22.88	22.85	26.08	25.98	25.97	26.92	0.4920
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = 0.84 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 2			Antenna 0			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
40	1	1	QPSK	23.84	23.72	23.74	23.64	23.56	23.59	26.75	26.65	26.68	27.59	0.5741
40	1	1	16-QAM	23.18	23.16	23.25	22.93	23.09	22.99	26.07	26.14	26.13	26.98	0.4989
Limit	EIRP < 1W			Result									Pass	



Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = 0.84 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 2			Antenna 0			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
50	1	1	QPSK	23.40	23.35	23.41	23.25	23.08	23.32	26.34	26.23	26.38	27.22	0.5272
50	1	1	16-QAM	22.80	22.78	22.83	22.73	22.74	22.86	25.78	25.77	25.86	26.70	0.4677
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = 0.84 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 2			Antenna 0			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
60	1	1	QPSK	23.36	23.37	23.16	23.20	23.07	23.16	26.29	26.23	26.17	27.13	0.5164
60	1	1	16-QAM	22.96	22.77	22.54	22.69	22.58	22.71	25.84	25.69	25.64	26.68	0.4656
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = 0.84 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 2			Antenna 0			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
70	1	1	QPSK	23.21	23.49	23.28	23.29	23.16	23.30	26.26	26.34	26.30	27.18	0.5224
70	1	1	16-QAM	22.68	22.65	22.63	22.36	22.61	22.45	25.53	25.64	25.55	26.48	0.4446
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = 0.84 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 2			Antenna 0			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
80	1	1	QPSK	23.35	23.31	23.35	22.99	23.10	23.03	26.18	26.22	26.20	27.06	0.5082
80	1	1	16-QAM	22.79	22.77	22.73	22.54	22.63	22.28	25.68	25.71	25.52	26.55	0.4519
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = 0.84 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 2			Antenna 0			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
90	1	1	QPSK	23.35	23.36	23.35	23.13	23.02	23.10	26.25	26.20	26.24	27.09	0.5117
90	1	1	16-QAM	22.76	22.72	22.62	22.64	22.58	22.86	25.71	25.66	25.75	26.59	0.4560
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = 0.84 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 2			Antenna 0			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
100	1	1	QPSK	-	23.33	-	-	23.04	-	-	26.20	-	27.04	0.5058
100	1	1	16-QAM	-	22.72	-	-	22.64	-	-	25.69	-	26.53	0.4498
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

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	L	5554	-46.53	RMS	33.20	-20.97	0.69	-95.23	35.78	-13.00	-33.53	V	Main
1	Part 27F	NR SA n13	M	2340	-37.04	RMS	27.00	-23.90	0.41	-95.23	54.68	-13.00	-24.04	H	Main
2	Part 27F	NR SA n13	M	2333	-44.69	RMS	27.07	-23.90	0.41	-95.23	46.96	-13.00	-31.69	H	Main
1	Part 27D	NR SA n30	M	6924	-48.12	RMS	36.80	-20.61	0.56	-95.23	30.36	-40.00	-8.12	V	Main
2	Part 27D	NR SA n30	M	6917	-53.83	RMS	36.80	-20.61	0.56	-95.23	24.65	-40.00	-13.83	V	Main
1	Part 27M	NR SA n41 Class 2	M	7752.78	-46.44	RMS	37.01	-20.36	0.58	-95.23	31.56	-25.00	-21.44	V	MIMO 2
1	Part 27Q	EN-DC B5+n77	H	14125	-47.92	RMS	42.20	-20.62	0.46	-95.23	25.27	-13.00	-34.92	H	LTE MIMO2 NR Main
2	Part 27Q	EN-DC B5+n78	L	14125	-47.94	RMS	42.20	-20.62	0.46	-95.23	25.25	-13.00	-34.94	H	LTE MIMO2 NR Main
1	Part 27O	NR SA n77 Class 2	M	11493	-32.62	RMS	38.99	-20.40	0.54	-95.23	43.48	-13.00	-19.62	V	MIMO2
2	Part 27O	NR SA n78 Class 2	M	11223	-34.73	RMS	38.59	-20.45	0.53	-95.23	41.83	-13.00	-21.73	V	MIMO2

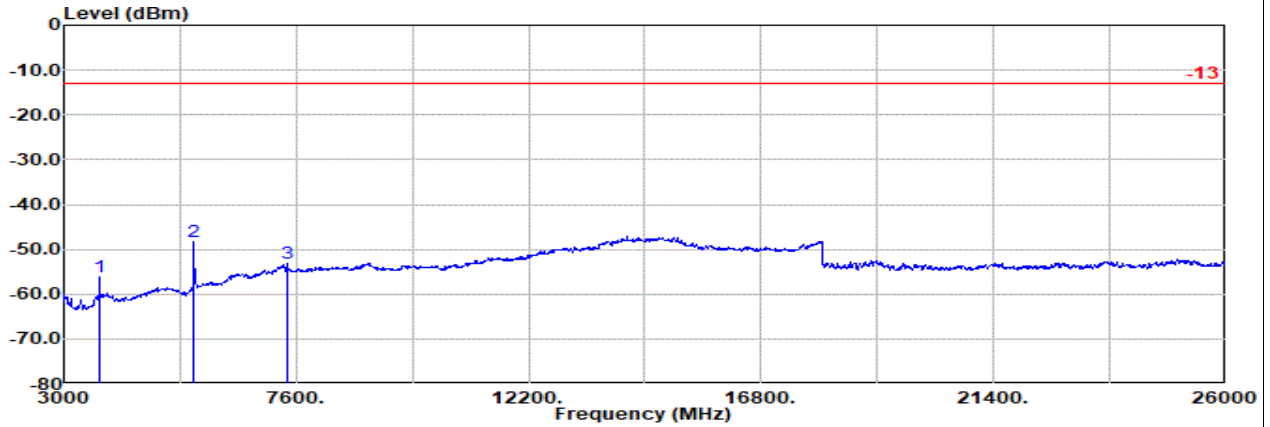


Main

Part 24E Mode 1

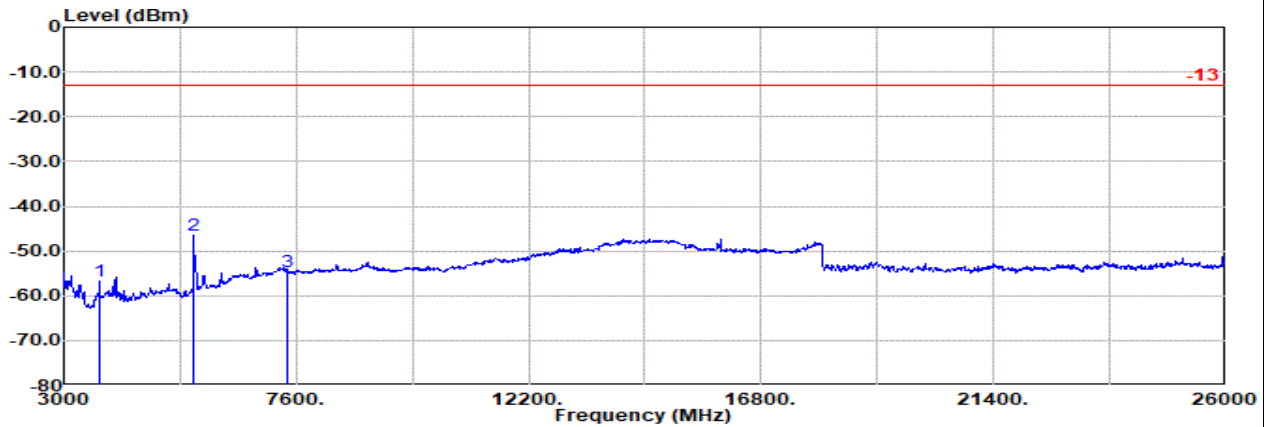
NR SA n25 20M Ch372000 1RB1 BPSK

L



Site : 03CH22-HY  
 Condition: -13 3m DRH18-E\_LE2C04A18EN Horizontal  
 : NR n25 20M Ch372000 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	3703.00	-56.29	RMS	29.82	-22.49	1.08	-95.23	30.53	-13.00	-43.29	Horizontal
2	5554.00	-48.28	RMS	33.20	-20.97	0.69	-95.23	34.03	-13.00	-35.28	Horizontal
3	7405.00	-53.28	RMS	37.39	-20.43	0.64	-95.23	24.35	-13.00	-40.28	Horizontal



Site : 03CH22-HY  
 Condition: -13 3m DRH18-E\_LE2C04A18EN Vertical  
 : NR n25 20M Ch372000 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	3703.00	-56.80	RMS	29.82	-22.49	1.08	-95.23	30.02	-13.00	-43.80	Vertical
2	5554.00	-46.53	RMS	33.20	-20.97	0.69	-95.23	35.78	-13.00	-33.53	Vertical
3	7405.00	-54.71	RMS	37.39	-20.43	0.64	-95.23	22.92	-13.00	-41.71	Vertical

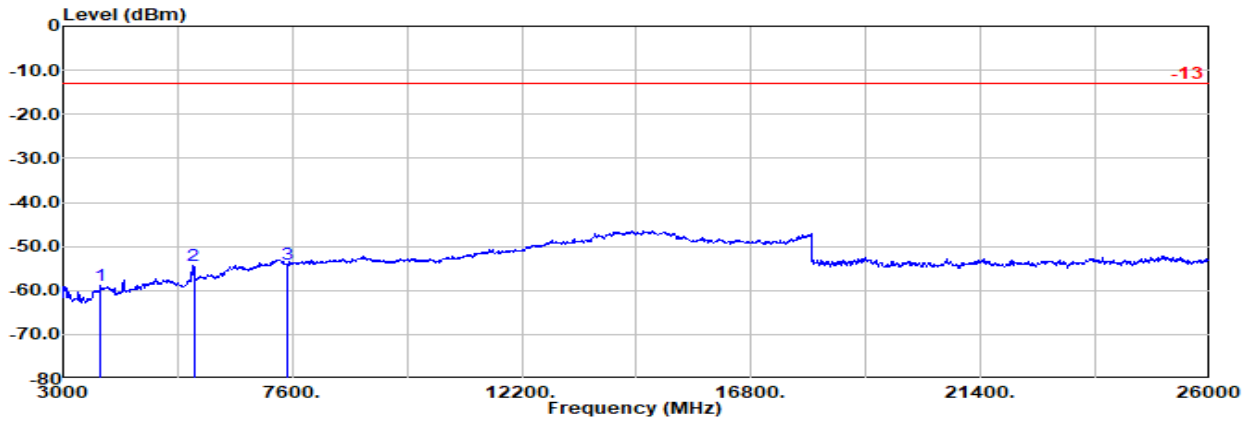


Main

Part 24E Mode 1

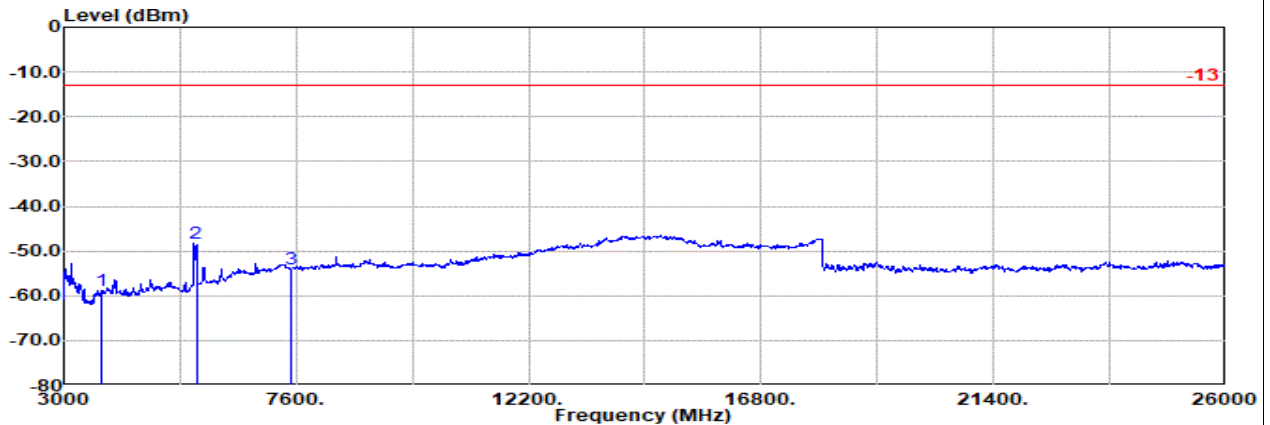
NR SA n25 20M Ch376500 1RB1 BPSK

M



Site : 03CH22-HY  
 Condition: -13 3m DRH18-E\_LE2C04A18EN Horizontal  
 : NR n25 20M Ch376500 1RB1 BPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit dBm	Margin dB	Pol
				Factor	l						
1	3750.00	-58.83	RMS	30.10	-22.45	1.03	-95.23	27.72	-13.00	-45.83	Horizontal
2	5621.00	-54.29	RMS	33.33	-20.93	0.67	-95.23	27.87	-13.00	-41.29	Horizontal
3	7500.00	-53.90	RMS	37.30	-20.37	0.62	-95.23	23.78	-13.00	-40.90	Horizontal



Site : 03CH22-HY  
 Condition: -13 3m DRH18-E\_LE2C04A18EN Vertical  
 : NR n25 20M Ch376500 1RB1 BPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit dBm	Margin dB	Pol
				Factor	l						
1	3750.00	-58.90	RMS	30.10	-22.45	1.03	-95.23	27.65	-13.00	-45.90	Vertical
2	5621.00	-48.34	RMS	33.33	-20.93	0.67	-95.23	33.82	-13.00	-35.34	Vertical
3	7500.00	-53.99	RMS	37.30	-20.37	0.62	-95.23	23.69	-13.00	-40.99	Vertical

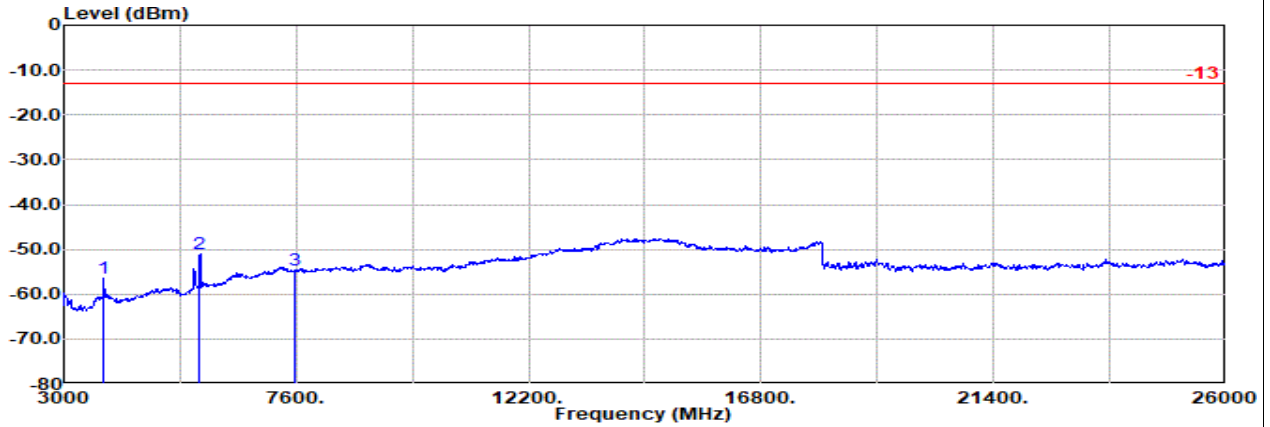


Main

Part 24E Mode 1

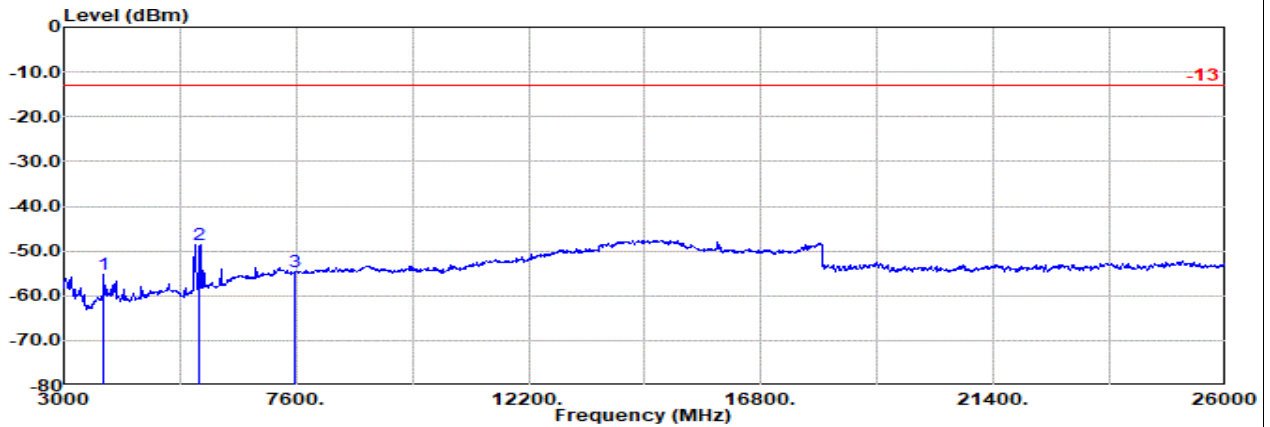
NR SA n25 20M Ch381000 1RB1 BPSK

H



Site : 03CH22-HY  
 Condition: -13 3m DRH18-E\_LE2C04A18EN Horizontal  
 : NR n25 20M Ch381000 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	3793.00	-56.43	RMS	30.36	-22.41	0.99	-95.23	29.86	-13.00	-43.43	Horizontal
2	5689.00	-51.10	RMS	33.66	-20.88	0.65	-95.23	30.70	-13.00	-38.10	Horizontal
3	7585.00	-54.50	RMS	37.17	-20.36	0.59	-95.23	23.33	-13.00	-41.50	Horizontal



Site : 03CH22-HY  
 Condition: -13 3m DRH18-E\_LE2C04A18EN Vertical  
 : NR n25 20M Ch381000 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	3793.00	-55.24	RMS	30.36	-22.41	0.99	-95.23	31.05	-13.00	-42.24	Vertical
2	5689.00	-48.61	RMS	33.66	-20.88	0.65	-95.23	33.19	-13.00	-35.61	Vertical
3	7585.00	-54.61	RMS	37.17	-20.36	0.59	-95.23	23.22	-13.00	-41.61	Vertical

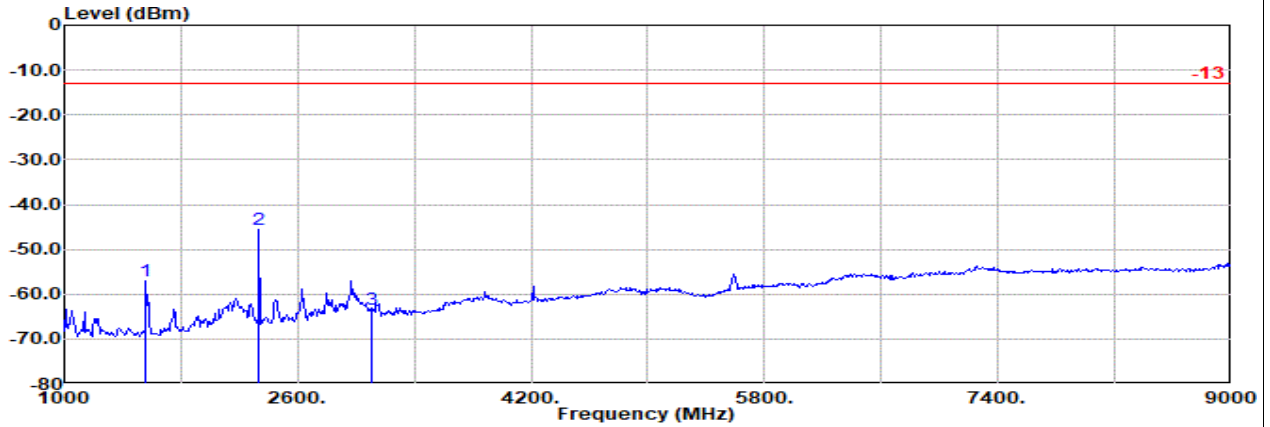


Main

Part 27F Mode 1

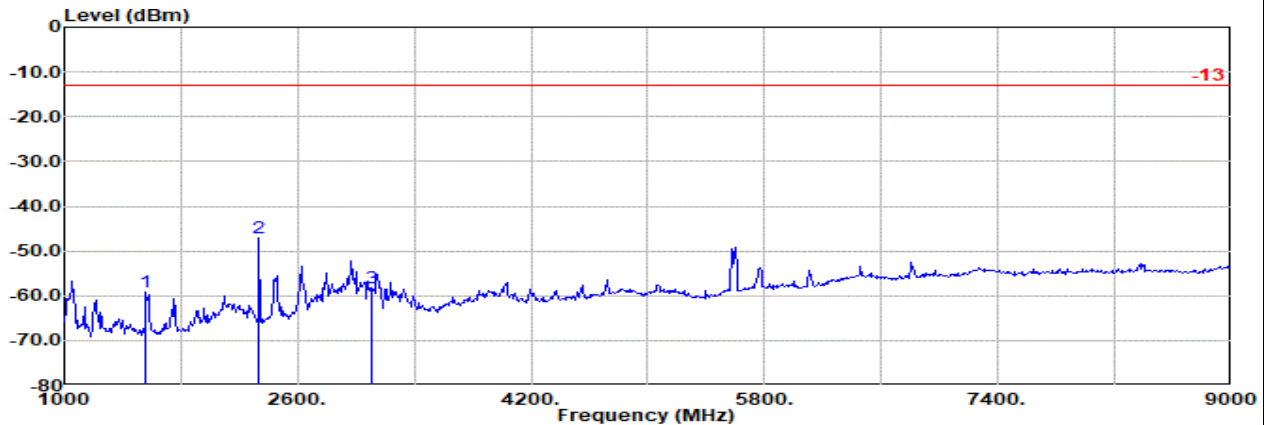
NR SA n13 5M Ch155900 1RB1 BPSK

L



Site : 03CH22-HY  
 Condition: -13 3m DRH18-E\_LE2C04A18EN Horizontal  
 : NR n13 5M Ch155900 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	1555.00	-57.17	RMS	24.25	-25.02		0.45	-95.23	38.38	-13.00	-44.17	Horizontal
2	2333.00	-45.54	RMS	27.07	-23.90		0.41	-95.23	46.11	-13.00	-32.54	Horizontal
3	3110.00	-63.36	RMS	28.00	-22.84		0.35	-95.23	26.36	-13.00	-50.36	Horizontal



Site : 03CH22-HY  
 Condition: -13 3m DRH18-E\_LE2C04A18EN Vertical  
 : NR n13 5M Ch155900 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	1555.00	-59.13	RMS	24.25	-25.02		0.45	-95.23	36.42	-13.00	-46.13	Vertical
2	2333.00	-47.07	RMS	27.07	-23.90		0.41	-95.23	44.58	-13.00	-34.07	Vertical
3	3110.00	-58.25	RMS	28.00	-22.84		0.35	-95.23	31.47	-13.00	-45.25	Vertical

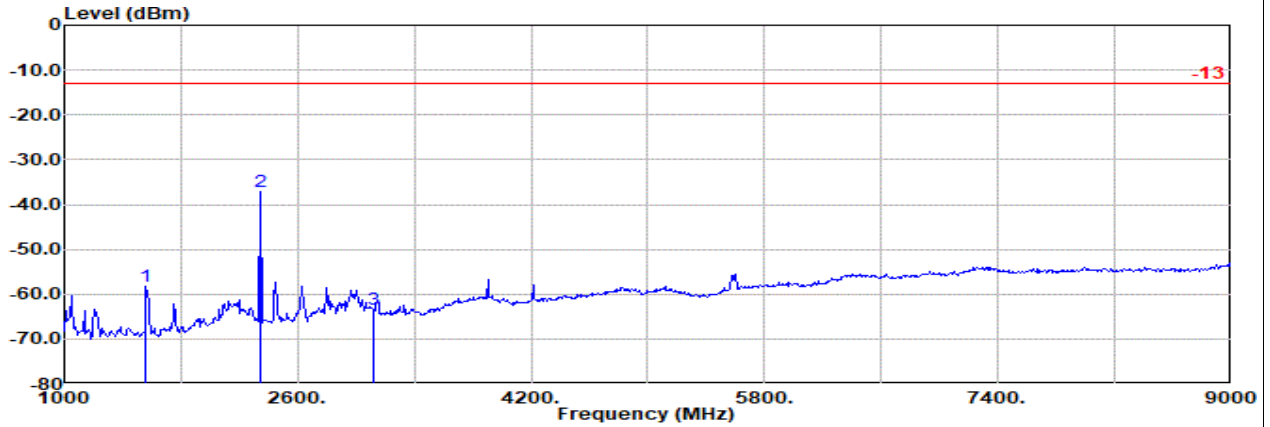


Main

Part 27F Mode 1

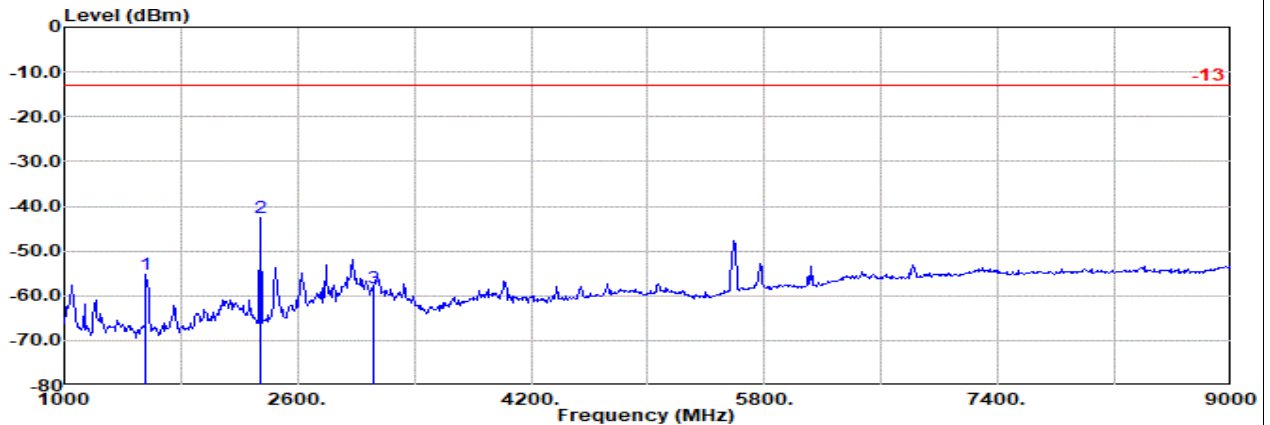
NR SA n13 5M Ch156400 1RB1 BPSK

M



Site : 03CH22-HY  
 Condition: -13 3m DRH18-E\_LE2C04A18EN Horizontal  
 : NR n13 5M Ch156400 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	1560.00	-58.31	RMS	24.30	-25.01	0.45	-95.23	37.18	-13.00	-45.31		Horizontal
2	2340.00	-37.04	RMS	27.00	-23.90	0.41	-95.23	54.68	-13.00	-24.04		Horizontal
3	3120.00	-63.51	RMS	28.00	-22.84	0.35	-95.23	26.21	-13.00	-50.51		Horizontal



Site : 03CH22-HY  
 Condition: -13 3m DRH18-E\_LE2C04A18EN Vertical  
 : NR n13 5M Ch156400 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	1560.00	-55.12	RMS	24.30	-25.01	0.45	-95.23	40.37	-13.00	-42.12		Vertical
2	2340.00	-42.70	RMS	27.00	-23.90	0.41	-95.23	49.02	-13.00	-29.70		Vertical
3	3120.00	-58.30	RMS	28.00	-22.84	0.35	-95.23	31.42	-13.00	-45.30		Vertical



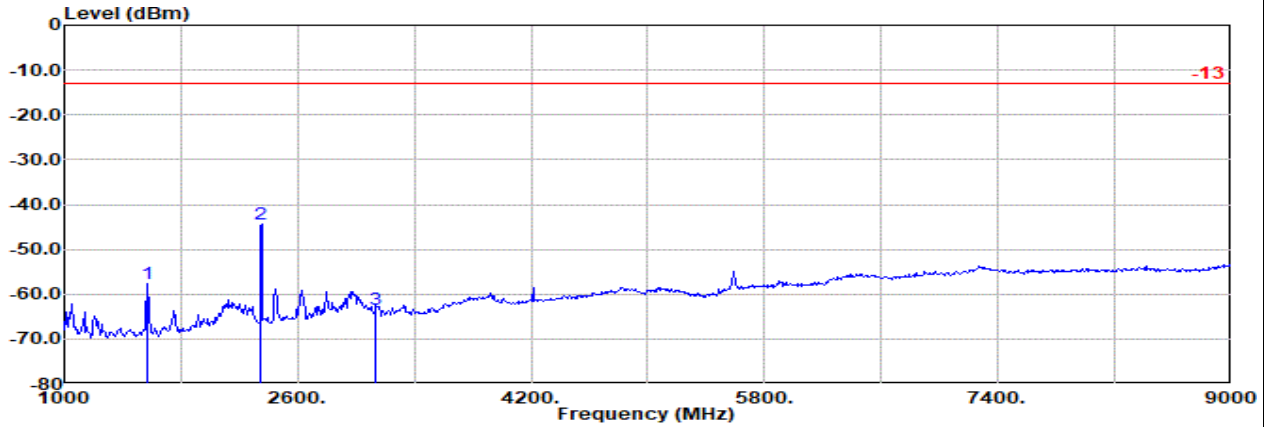


Main

Part 27F Mode 1

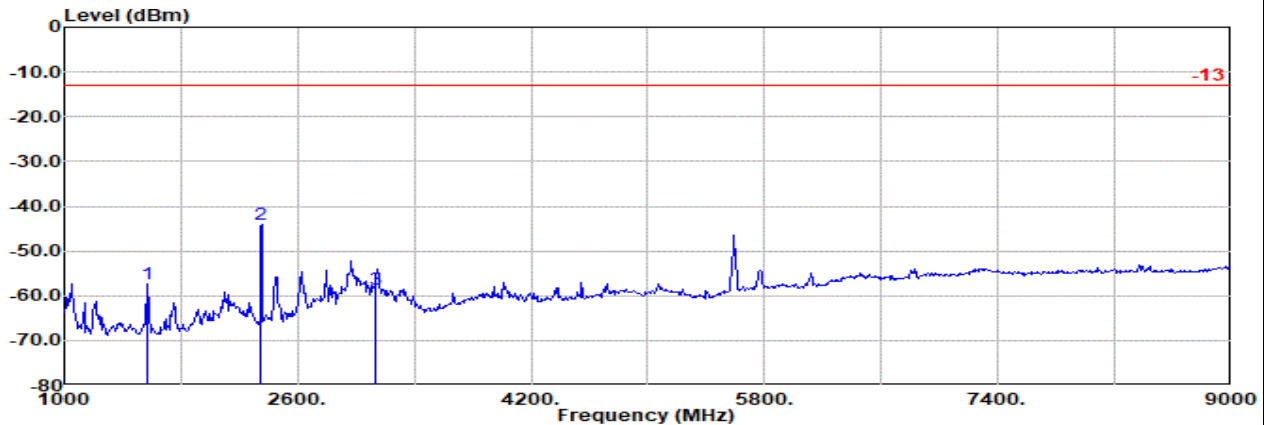
NR SA n13 5M Ch156900 1RB1 BPSK

H



Site : 03CH22-HY  
 Condition: -13 3m DRH18-E\_LE2C04A18EN Horizontal  
 : NR n13 5M Ch156900 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	1565.00	-57.70	RMS	24.35	-25.00	0.45	-95.23	37.73	-13.00	-44.70	Horizontal	
2	2348.00	-44.51	RMS	27.00	-23.89	0.40	-95.23	47.20	-13.00	-31.51	Horizontal	
3	3130.00	-63.37	RMS	28.00	-22.83	0.34	-95.23	26.35	-13.00	-50.37	Horizontal	



Site : 03CH22-HY  
 Condition: -13 3m DRH18-E\_LE2C04A18EN Vertical  
 : NR n13 5M Ch156900 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	1565.00	-57.22	RMS	24.35	-25.00	0.45	-95.23	38.21	-13.00	-44.22	Vertical	
2	2348.00	-44.05	RMS	27.00	-23.89	0.40	-95.23	47.66	-13.00	-31.05	Vertical	
3	3130.00	-58.61	RMS	28.00	-22.83	0.34	-95.23	31.11	-13.00	-45.61	Vertical	

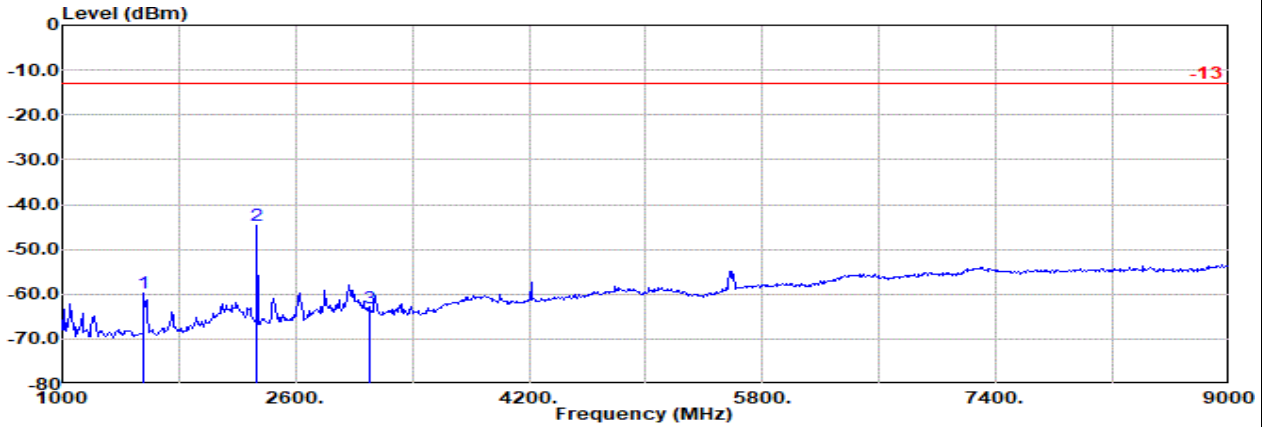


Main

Part 27F Mode 2

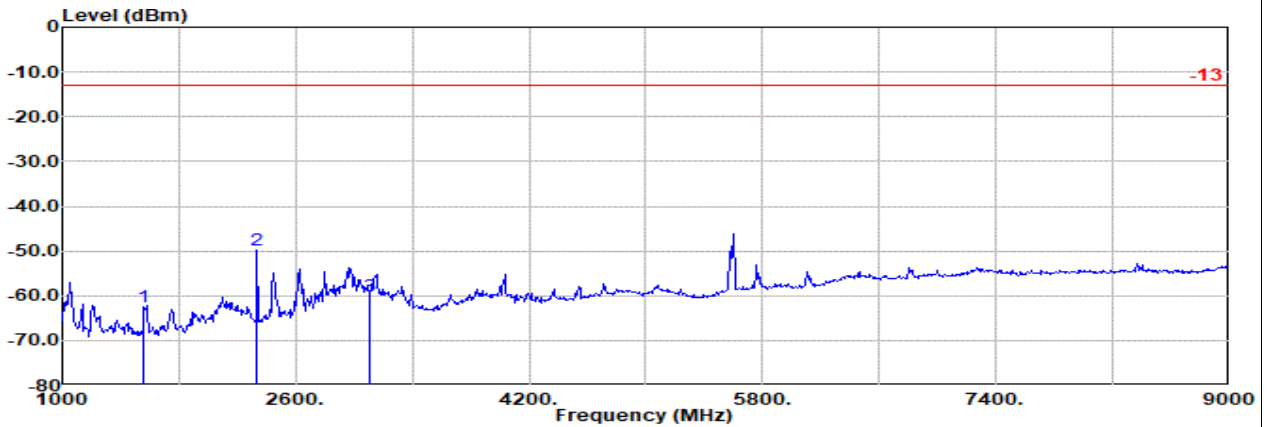
NR SA n13 10M Ch156400 1RB1 BPSK

M



Site : 03CH22-HY  
 Condition: -13 3m DRH18-E\_LE2C04A18EN Horizontal  
 : NR n13 10M Ch156400 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	1556.00	-59.89	RMS	24.26	-25.02	0.45	-95.23	35.65	-13.00	-46.89	Horizontal	
2	2333.00	-44.69	RMS	27.07	-23.90	0.41	-95.23	46.96	-13.00	-31.69	Horizontal	
3	3111.00	-63.07	RMS	28.00	-22.84	0.35	-95.23	26.65	-13.00	-50.07	Horizontal	



Site : 03CH22-HY  
 Condition: -13 3m DRH18-E\_LE2C04A18EN Vertical  
 : NR n13 10M Ch156400 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	1556.00	-62.43	RMS	24.26	-25.02	0.45	-95.23	33.11	-13.00	-49.43	Vertical	
2	2333.00	-49.93	RMS	27.07	-23.90	0.41	-95.23	41.72	-13.00	-36.93	Vertical	
3	3111.00	-59.95	RMS	28.00	-22.84	0.35	-95.23	29.77	-13.00	-46.95	Vertical	

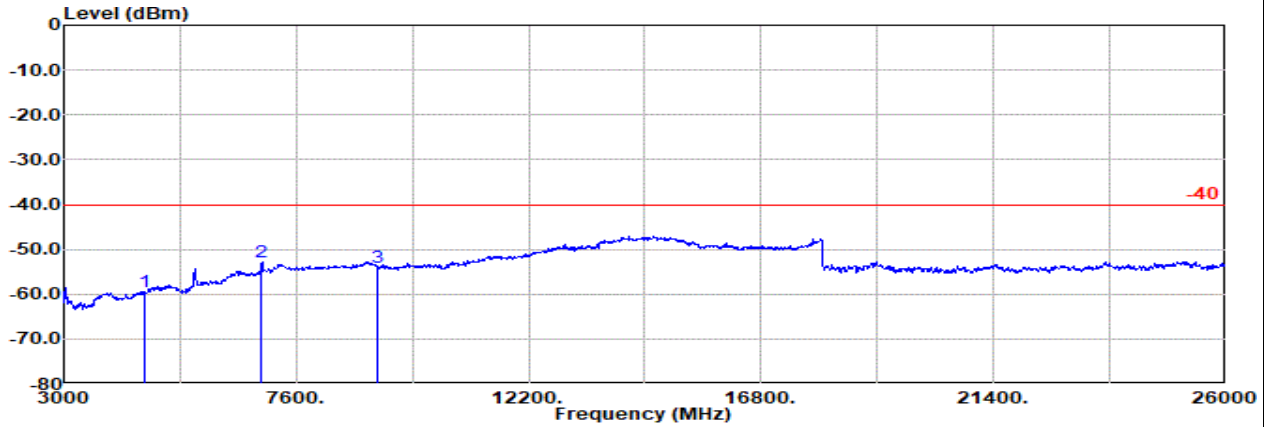


Main

Part 27D Mode 1

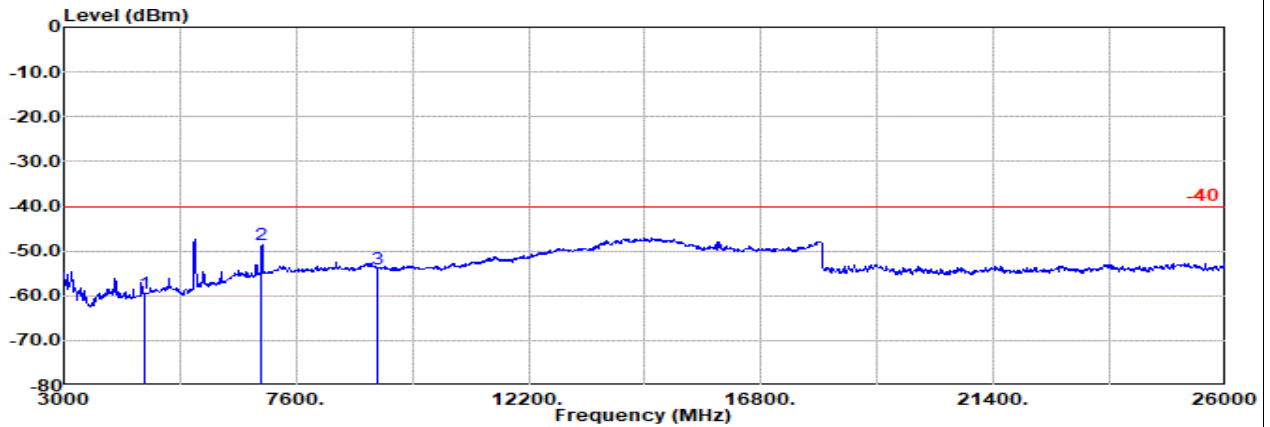
NR SA n30 5M Ch461500 1RB1 BPSK

L



Site : 03CH22-HY  
 Condition: -40 3m DRH18-E\_LE2C04A18EN Horizontal  
 : NR SA n30 5M Ch461500 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	4611.00	-59.57	RMS	31.84	-21.49	0.79	-95.23	24.52	-40.00	-19.57	Horizontal
2	6917.00	-52.82	RMS	36.80	-20.61	0.56	-95.23	25.66	-40.00	-12.82	Horizontal
3	9222.00	-53.89	RMS	37.36	-20.57	0.57	-95.23	23.98	-40.00	-13.89	Horizontal



Site : 03CH22-HY  
 Condition: -40 3m DRH18-E\_LE2C04A18EN Vertical  
 : NR SA n30 5M Ch461500 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	4611.00	-59.55	RMS	31.84	-21.49	0.79	-95.23	24.54	-40.00	-19.55	Vertical
2	6917.00	-48.75	RMS	36.80	-20.61	0.56	-95.23	29.73	-40.00	-8.75	Vertical
3	9222.00	-54.00	RMS	37.36	-20.57	0.57	-95.23	23.87	-40.00	-14.00	Vertical

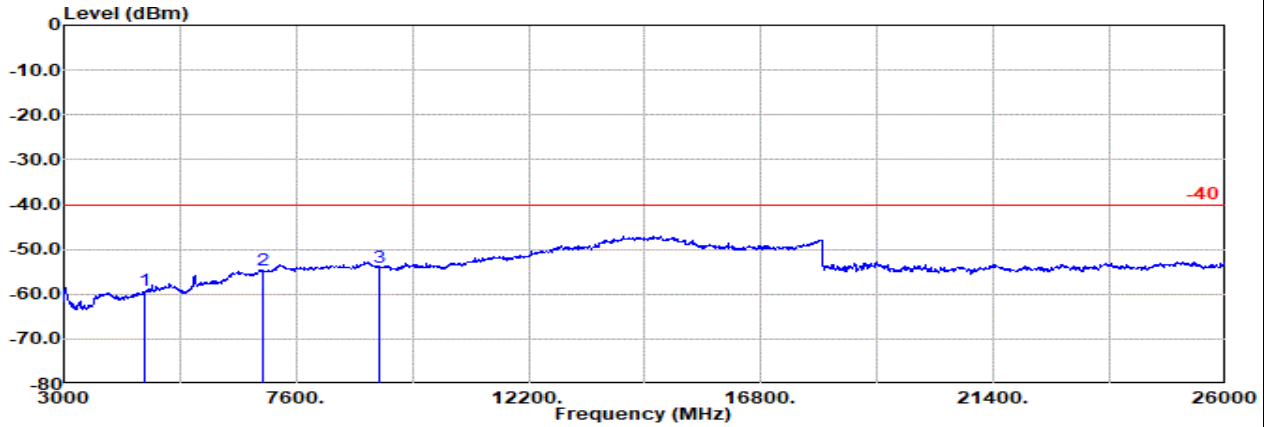


Main

Part 27D Mode 1

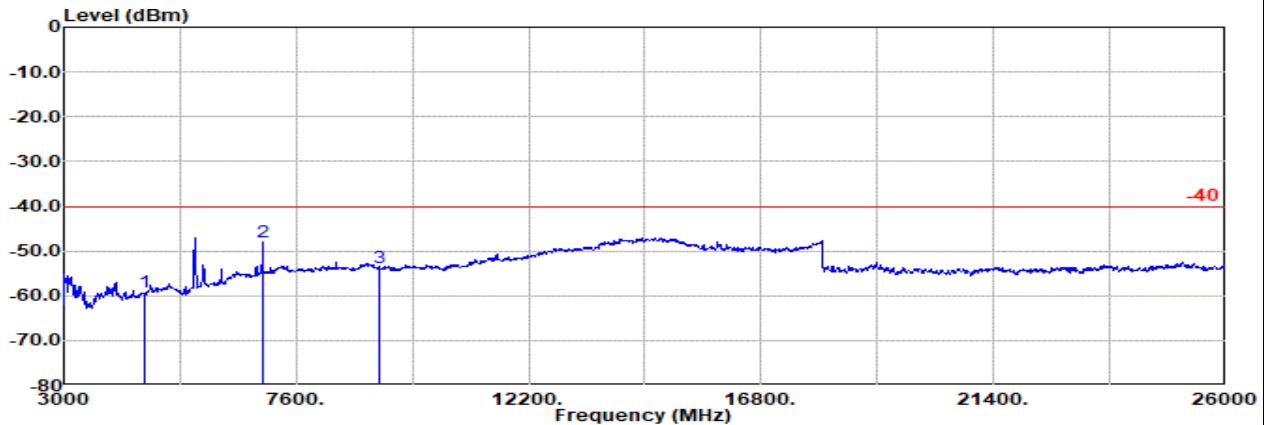
NR SA n30 5M Ch462000 1RB1 BPSK

M



Site : 03CH22-HY  
 Condition: -40 3m DRH18-E\_LE2C04A18EN Horizontal  
 : NR SA n30 5M Ch462000 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	4616.00	-59.10	RMS	31.86	-21.48	0.78	-95.23	24.97	-40.00	-19.10	Horizontal
2	6924.00	-54.75	RMS	36.80	-20.61	0.56	-95.23	23.73	-40.00	-14.75	Horizontal
3	9232.00	-54.07	RMS	37.34	-20.58	0.57	-95.23	23.83	-40.00	-14.07	Horizontal



Site : 03CH22-HY  
 Condition: -40 3m DRH18-E\_LE2C04A18EN Vertical  
 : NR SA n30 5M Ch462000 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	4616.00	-59.17	RMS	31.86	-21.48	0.78	-95.23	24.90	-40.00	-19.17	Vertical
2	6924.00	-48.12	RMS	36.80	-20.61	0.56	-95.23	30.36	-40.00	-8.12	Vertical
3	9232.00	-53.79	RMS	37.34	-20.58	0.57	-95.23	24.11	-40.00	-13.79	Vertical

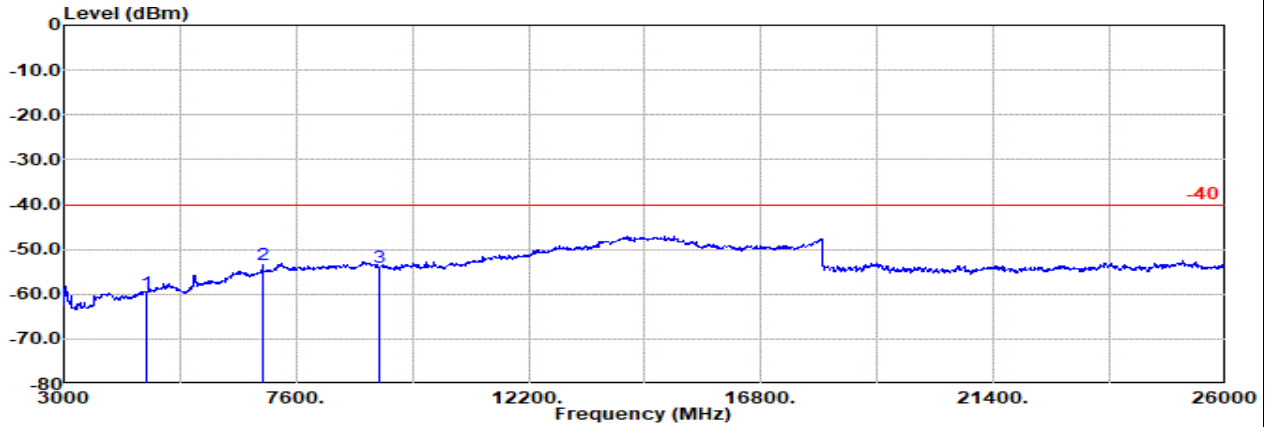


Main

Part 27D Mode 1

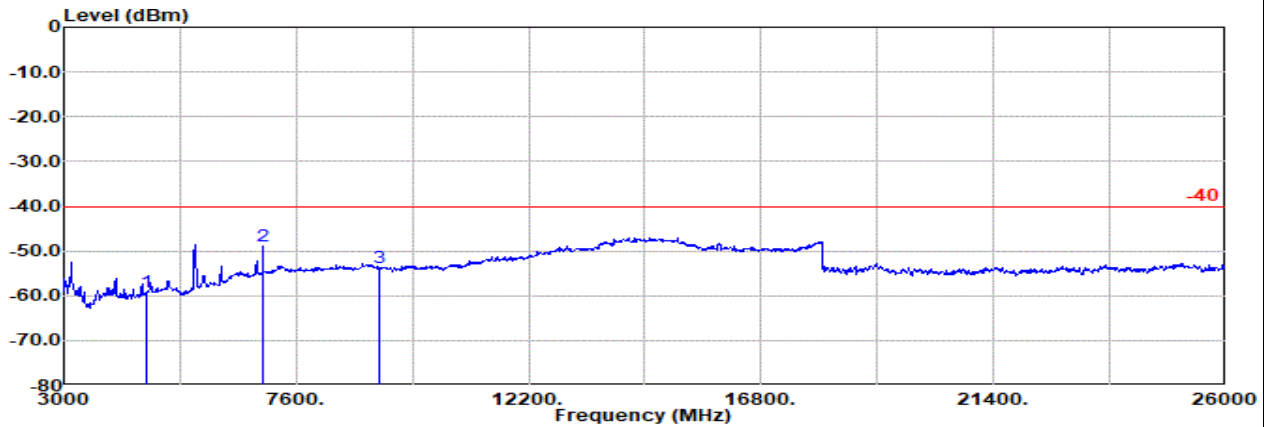
NR SA n30 5M Ch462500 1RB1 BPSK

H



Site : 03CH22-HY  
 Condition: -40 3m DRH18-E\_LE2C04A18EN Horizontal  
 : NR SA n30 5M Ch462500 1RB1 BPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit dBm	Margin dB	Pol
				Factor	1						
1	4621.00	-59.64	RMS	31.88	-21.48	0.78	-95.23	24.41	-40.00	-19.64	Horizontal
2	6932.00	-53.42	RMS	36.80	-20.61	0.57	-95.23	25.05	-40.00	-13.42	Horizontal
3	9242.00	-53.91	RMS	37.32	-20.59	0.57	-95.23	24.02	-40.00	-13.91	Horizontal



Site : 03CH22-HY  
 Condition: -40 3m DRH18-E\_LE2C04A18EN Vertical  
 : NR SA n30 5M Ch462500 1RB1 BPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit dBm	Margin dB	Pol
				Factor	1						
1	4621.00	-59.25	RMS	31.88	-21.48	0.78	-95.23	24.80	-40.00	-19.25	Vertical
2	6932.00	-48.89	RMS	36.80	-20.61	0.57	-95.23	29.58	-40.00	-8.89	Vertical
3	9242.00	-53.69	RMS	37.32	-20.59	0.57	-95.23	24.24	-40.00	-13.69	Vertical

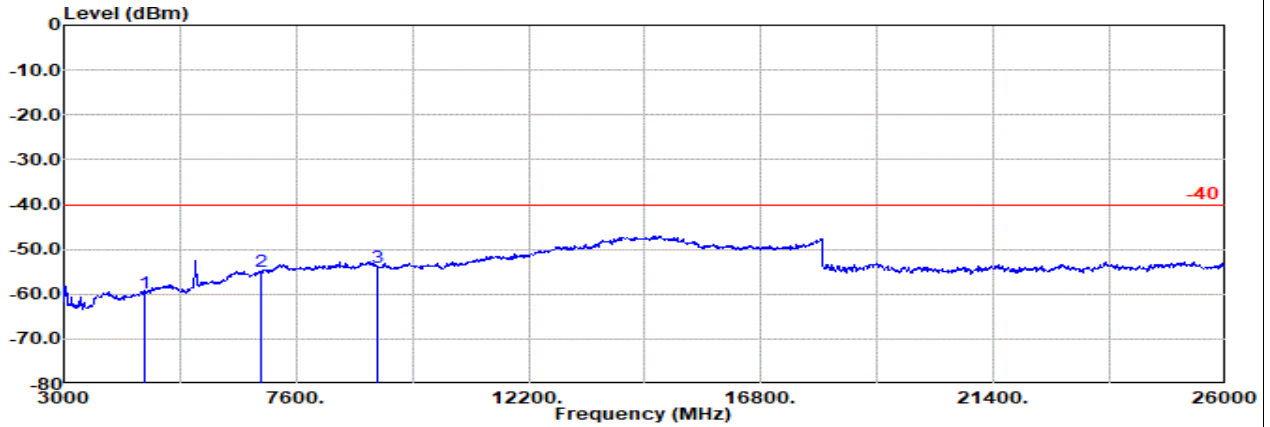


Main

Part 27D Mode 2

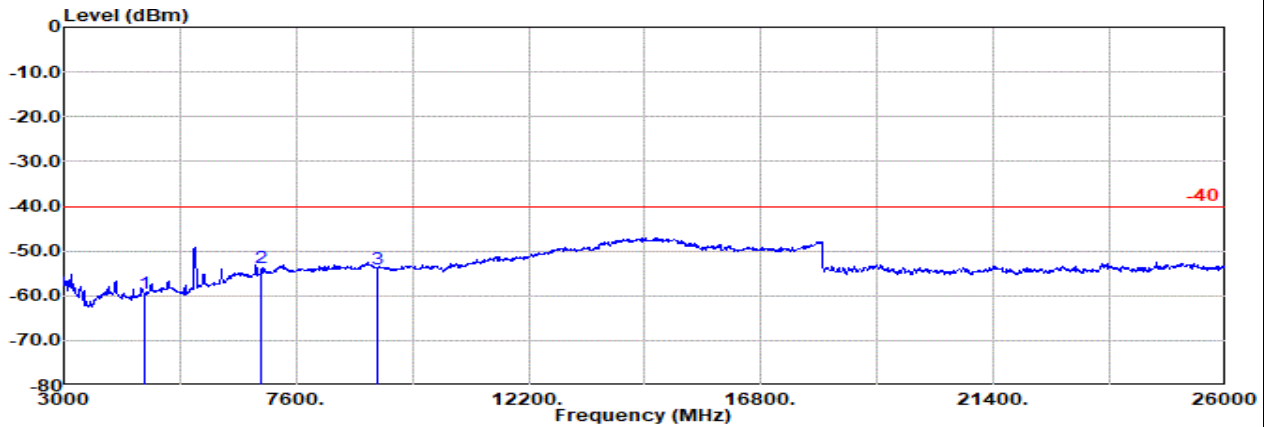
NR SA n30 10M Ch462000 1RB1 BPSK

M



Site : 03CH22-HY  
 Condition: -40 3m DRH18-E\_LE2C04A18EN Horizontal  
 : NR SA n30 10M Ch462000 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	4612.00	-59.79	RMS	31.85	-21.49	0.79	-95.23	24.29	-40.00	-19.79	Horizontal
2	6917.00	-54.94	RMS	36.80	-20.61	0.56	-95.23	23.54	-40.00	-14.94	Horizontal
3	9223.00	-54.16	RMS	37.35	-20.57	0.57	-95.23	23.72	-40.00	-14.16	Horizontal



Site : 03CH22-HY  
 Condition: -40 3m DRH18-E\_LE2C04A18EN Vertical  
 : NR SA n30 10M Ch462000 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	4612.00	-59.44	RMS	31.85	-21.49	0.79	-95.23	24.64	-40.00	-19.44	Vertical
2	6917.00	-53.83	RMS	36.80	-20.61	0.56	-95.23	24.65	-40.00	-13.83	Vertical
3	9223.00	-54.13	RMS	37.35	-20.57	0.57	-95.23	23.75	-40.00	-14.13	Vertical

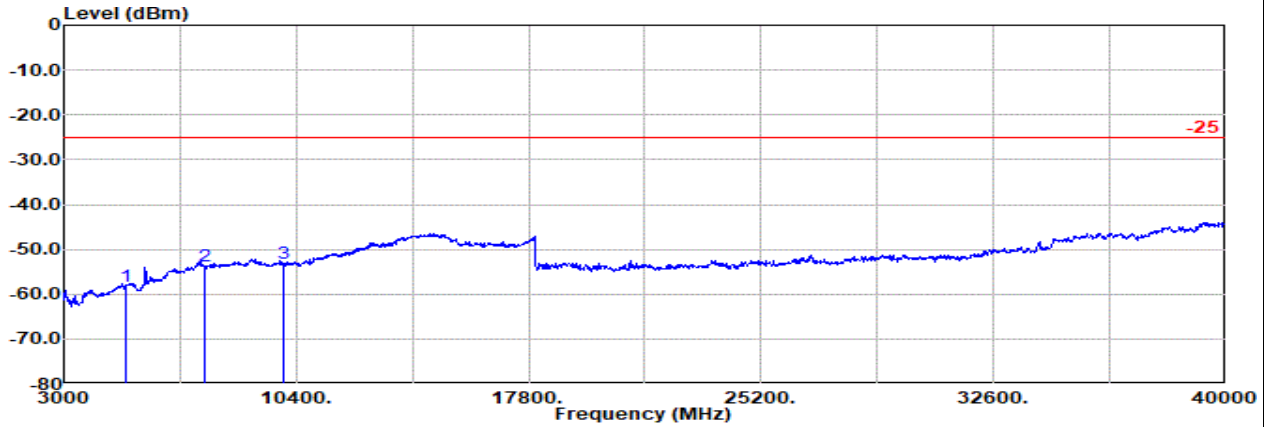


MIMO 2

Part 27M Mode 1

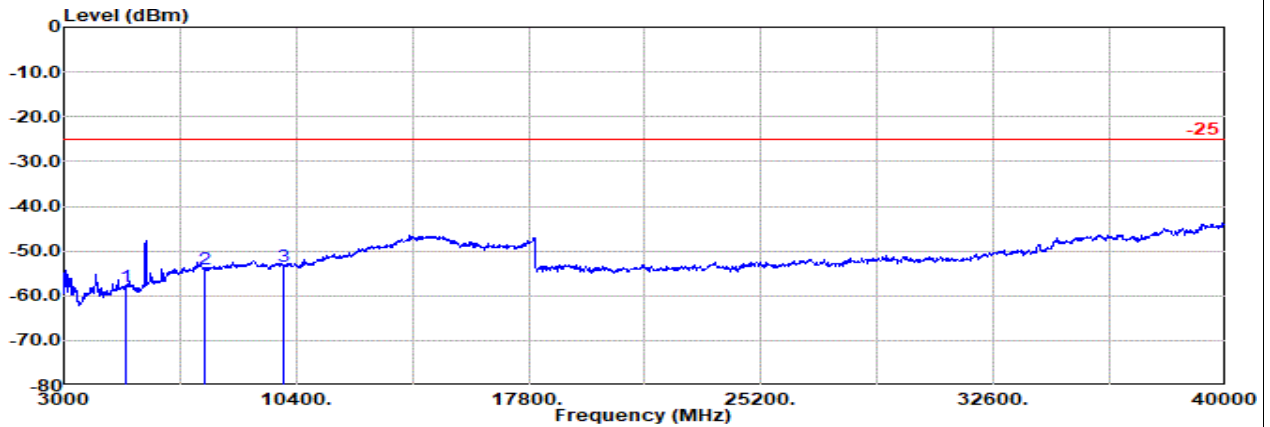
NR SA n41 (Class 2) 20M Ch501204 1RB1 BPSK

L



Site : 03CH22-HY  
 Condition: -25 3m DRH18-E\_LE2C04A18EN Horizontal  
 : NR SA n41 20M Ch501204 1RB1 BPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit dBm	Margin dB	Pol
				Factor	1						
1	4994.58	-58.14	RMS	32.70	-21.01	0.68	-95.23	24.72	-25.00	-33.14	Horizontal
2	7491.87	-53.76	RMS	37.30	-20.38	0.62	-95.23	23.93	-25.00	-28.76	Horizontal
3	9989.16	-53.11	RMS	37.42	-20.51	0.62	-95.23	24.59	-25.00	-28.11	Horizontal



Site : 03CH22-HY  
 Condition: -25 3m DRH18-E\_LE2C04A18EN Vertical  
 : NR SA n41 20M Ch501204 1RB1 BPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit dBm	Margin dB	Pol
				Factor	1						
1	4994.58	-57.99	RMS	32.70	-21.01	0.68	-95.23	24.87	-25.00	-32.99	Vertical
2	7491.87	-54.13	RMS	37.30	-20.38	0.62	-95.23	23.56	-25.00	-29.13	Vertical
3	9989.16	-53.30	RMS	37.42	-20.51	0.62	-95.23	24.40	-25.00	-28.30	Vertical

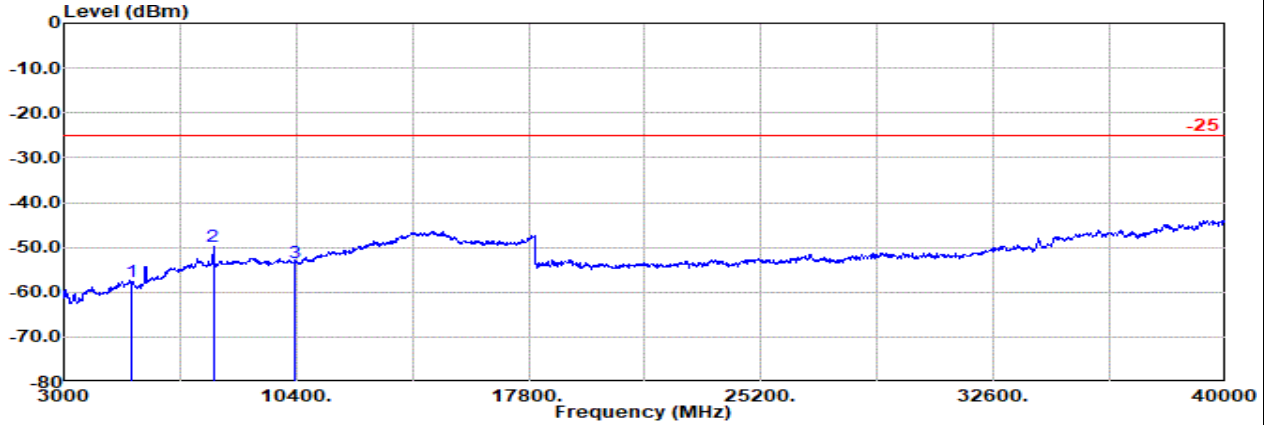


MIMO 2

Part 27M Mode 1

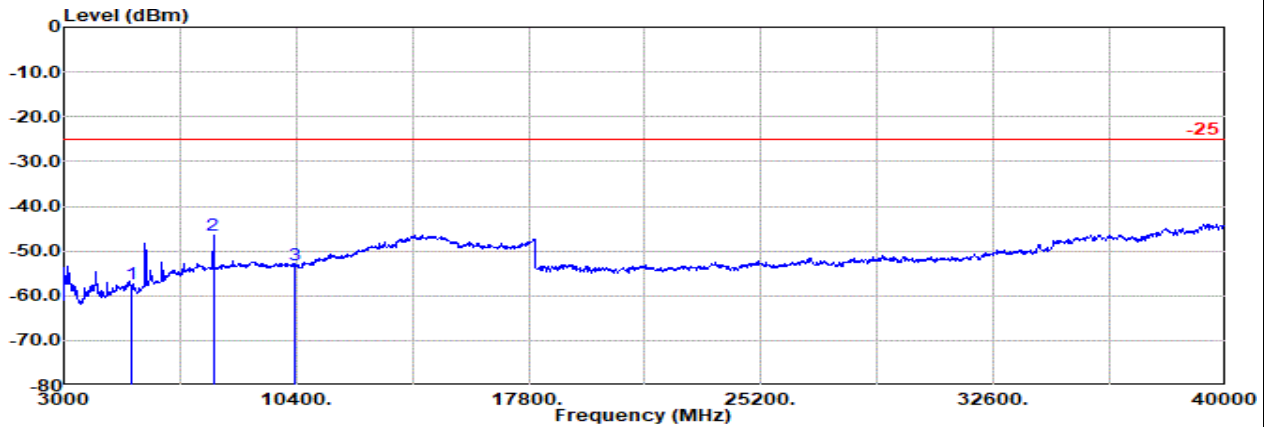
NR SA n41 (Class 2) 20M Ch518598 1RB1 BPSK

M



Site : 03CH22-HY  
 Condition: -25 3m DRH18-E\_LE2C04A18EN Horizontal  
 : NR SA n41 20M Ch518598 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	5168.52	-57.61	RMS	32.54	-20.94	0.62	-95.23	25.40	-25.00	-32.61	Horizontal
2	7752.78	-49.89	RMS	37.01	-20.36	0.58	-95.23	28.11	-25.00	-24.89	Horizontal
3	10337.04	-53.36	RMS	37.45	-20.62	0.64	-95.23	24.40	-25.00	-28.36	Horizontal



Site : 03CH22-HY  
 Condition: -25 3m DRH18-E\_LE2C04A18EN Vertical  
 : NR SA n41 20M Ch518598 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	5168.52	-57.40	RMS	32.54	-20.94	0.62	-95.23	25.61	-25.00	-32.40	Vertical
2	7752.78	-46.44	RMS	37.01	-20.36	0.58	-95.23	31.56	-25.00	-21.44	Vertical
3	10337.04	-53.24	RMS	37.45	-20.62	0.64	-95.23	24.52	-25.00	-28.24	Vertical



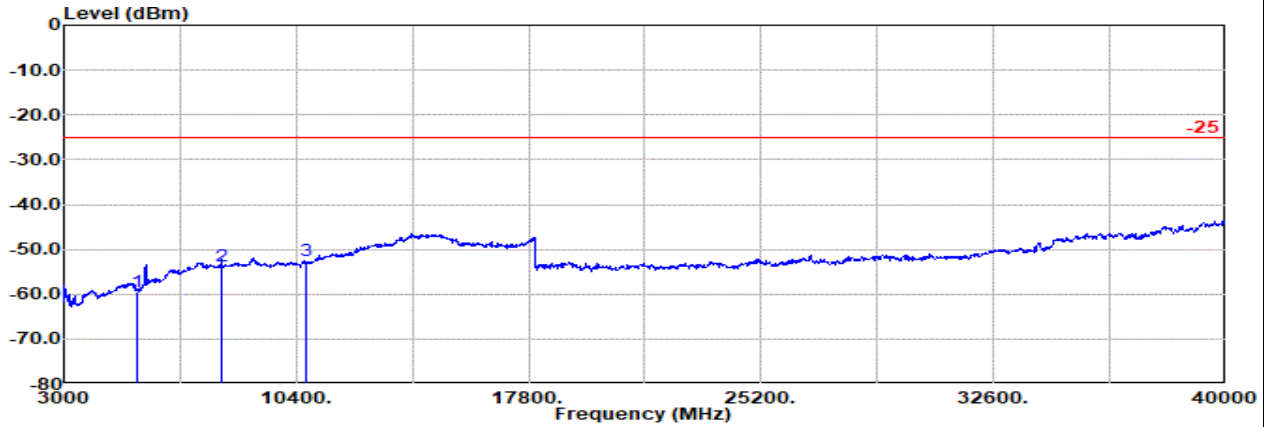


MIMO 2

Part 27M Mode 1

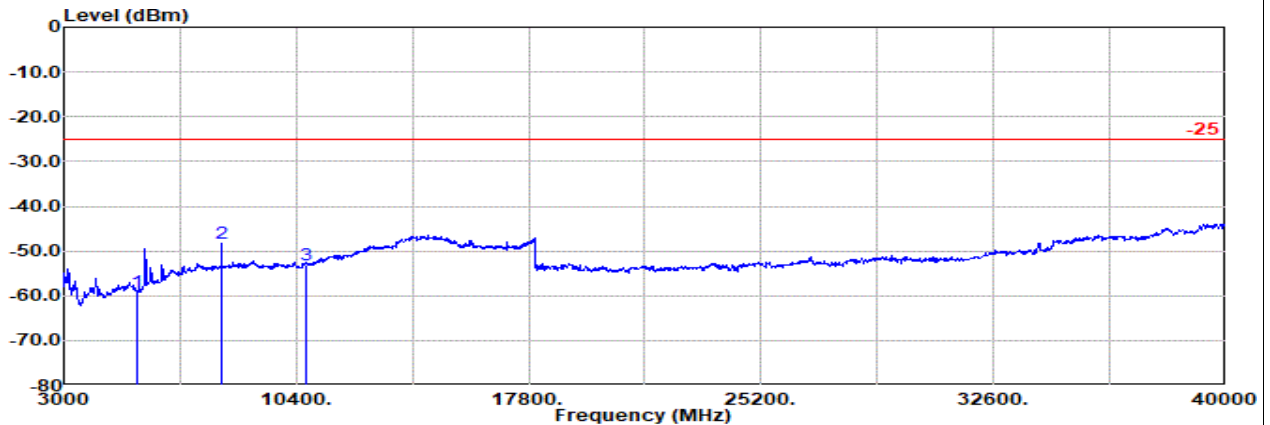
NR SA n41 (Class 2) 20M Ch535998 1RB1 BPSK

H



Site : 03CH22-HY  
 Condition: -25 3m DRH18-E\_LE2C04A18EN Horizontal  
 : NR SA n41 20M Ch535998 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	5342.52	-59.37	RMS	32.50	-20.95	0.72	-95.23	23.59	-25.00	-34.37	Horizontal
2	8013.78	-53.75	RMS	37.27	-20.46	0.57	-95.23	24.10	-25.00	-28.75	Horizontal
3	10685.04	-52.55	RMS	37.50	-20.62	0.65	-95.23	25.15	-25.00	-27.55	Horizontal



Site : 03CH22-HY  
 Condition: -25 3m DRH18-E\_LE2C04A18EN Vertical  
 : NR SA n41 20M Ch535998 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	5342.52	-59.14	RMS	32.50	-20.95	0.72	-95.23	23.82	-25.00	-34.14	Vertical
2	8013.78	-48.25	RMS	37.27	-20.46	0.57	-95.23	29.60	-25.00	-23.25	Vertical
3	10685.04	-53.07	RMS	37.50	-20.62	0.65	-95.23	24.63	-25.00	-28.07	Vertical

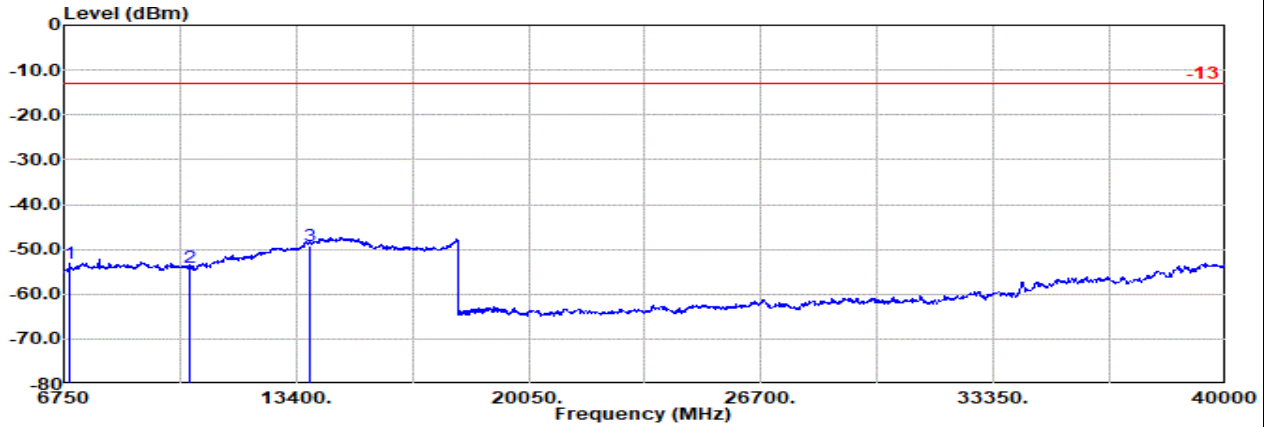


LTE MIMO 2 ; NR Main

Part 27Q Mode 1

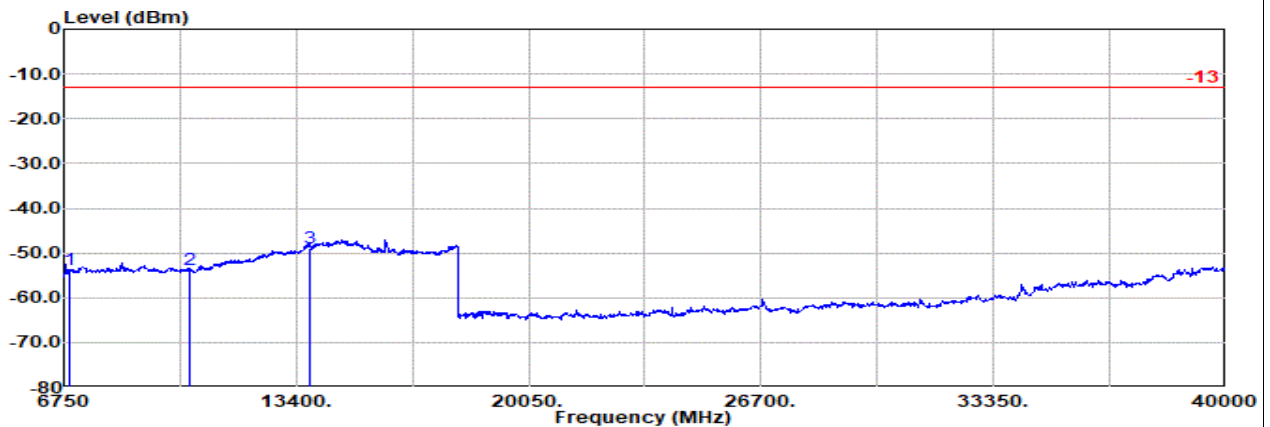
EN-DC B5+n77\_3700 - 3980 MHz 10M + 20M Ch20525 1RB0 QPSK + Ch630668 1RB1 BPSK

L



Site : 03CH22-HY  
 Condition: -13 3m DRH18-E\_LE2C04A18EN Horizontal  
 : EN-DC B5+n77 20M Ch630668 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	6902.00	-53.19	RMS	36.80	-20.61	1.25	-95.23	24.60	-13.00	-40.19	Horizontal
2	10353.00	-53.99	RMS	37.49	-20.63	0.50	-95.23	23.88	-13.00	-40.99	Horizontal
3	13805.00	-49.10	RMS	41.42	-20.43	0.46	-95.23	24.68	-13.00	-36.10	Horizontal



Site : 03CH22-HY  
 Condition: -13 3m DRH18-E\_LE2C04A18EN Vertical  
 : EN-DC B5+n77 20M Ch630668 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	6902.00	-53.83	RMS	36.80	-20.61	1.25	-95.23	23.96	-13.00	-40.83	Vertical
2	10353.00	-53.71	RMS	37.49	-20.63	0.50	-95.23	24.16	-13.00	-40.71	Vertical
3	13805.00	-48.84	RMS	41.42	-20.43	0.46	-95.23	24.94	-13.00	-35.84	Vertical

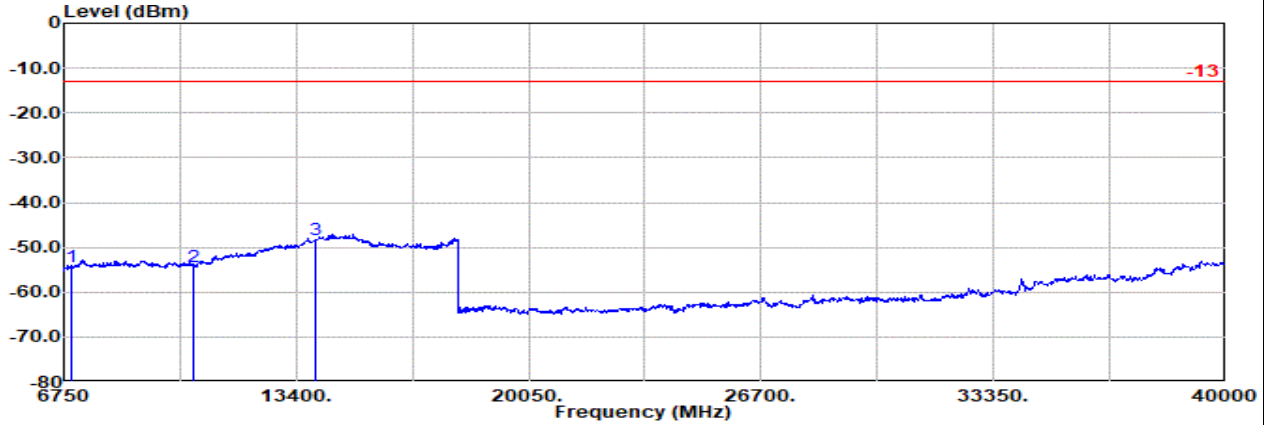


LTE MIMO 2 ; NR Main

Part 27Q Mode 1

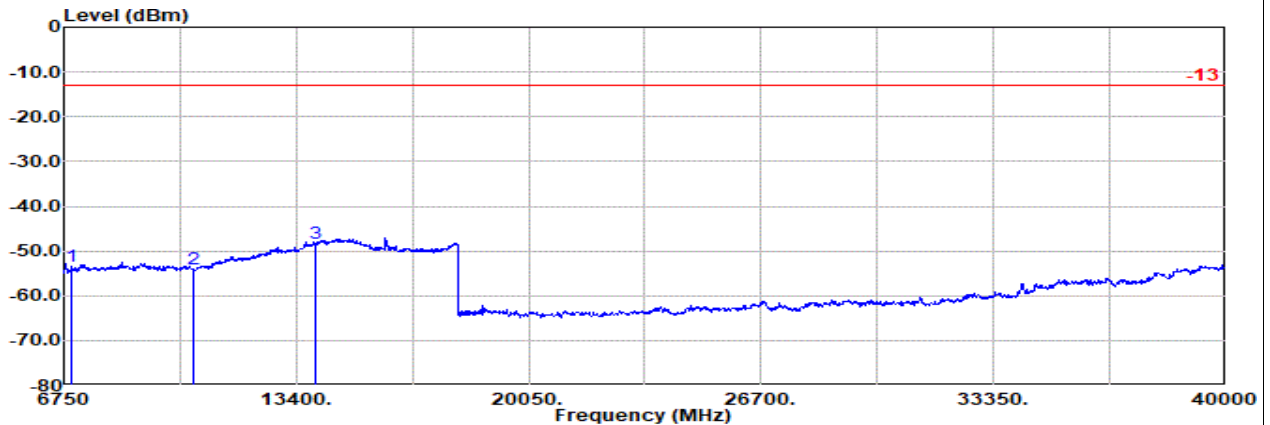
EN-DC B5+n77\_3700 - 3980 MHz 10M + 20M Ch20525 1RB0 QPSK + Ch633334 1RB1 BPSK

M



Site : 03CH22-HY  
 Condition: -13 3m DRH18-E\_LE2C04A18EN Horizontal  
 : EN-DC B5+n77 20M Ch633334 1RB1 BPSK

Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1 6982.00	-54.34	RMS	36.80	-20.60	1.22	-95.23	23.47	-13.00	-41.34	Horizontal
2 10473.00	-54.36	RMS	37.20	-20.68	0.51	-95.23	23.84	-13.00	-41.36	Horizontal
3 13965.00	-48.38	RMS	42.00	-20.50	0.45	-95.23	24.90	-13.00	-35.38	Horizontal



Site : 03CH22-HY  
 Condition: -13 3m DRH18-E\_LE2C04A18EN Vertical  
 : EN-DC B5+n77 20M Ch633334 1RB1 BPSK

Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1 6982.00	-53.35	RMS	36.80	-20.60	1.22	-95.23	24.46	-13.00	-40.35	Vertical
2 10473.00	-54.06	RMS	37.20	-20.68	0.51	-95.23	24.14	-13.00	-41.06	Vertical
3 13965.00	-48.21	RMS	42.00	-20.50	0.45	-95.23	25.07	-13.00	-35.21	Vertical

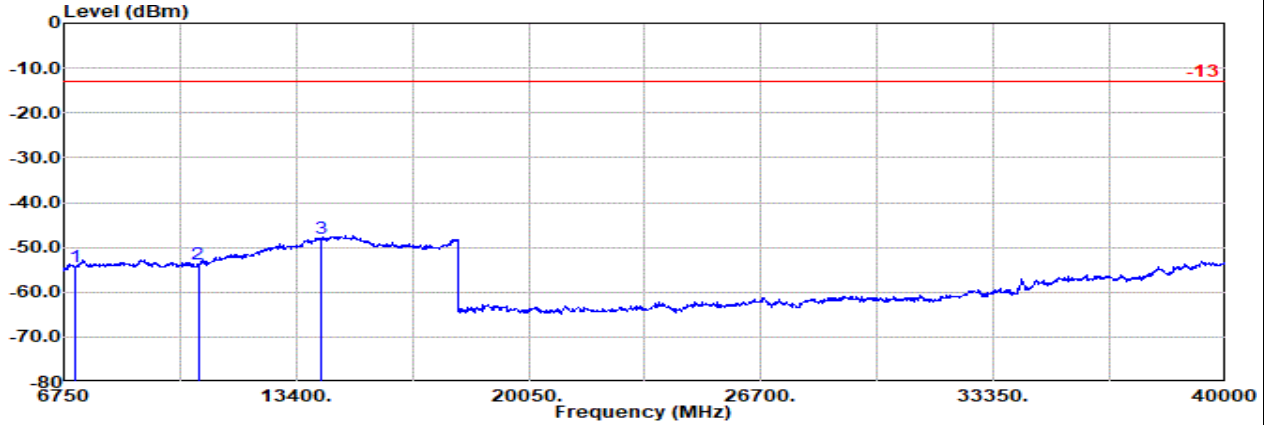


LTE MIMO 2 ; NR Main

Part 27Q Mode 1

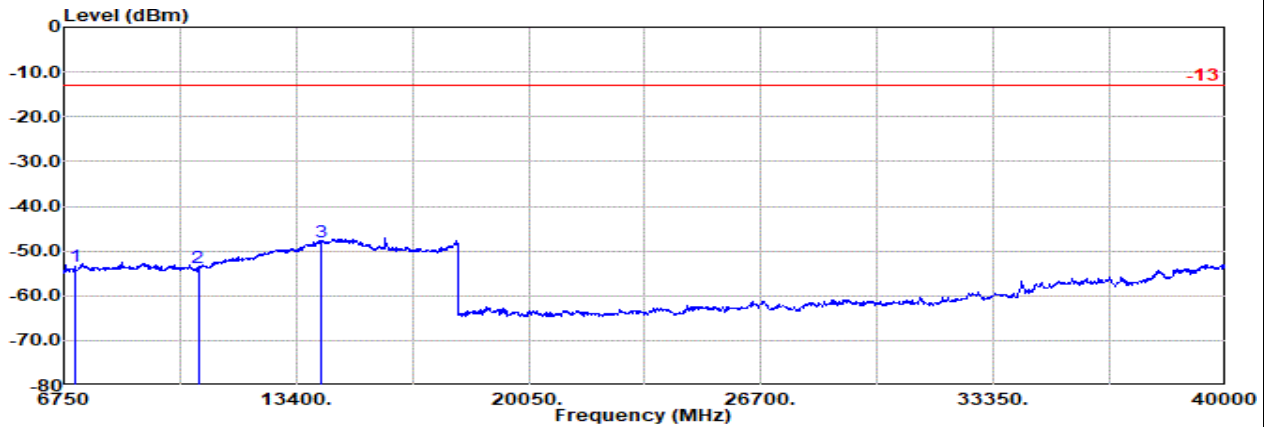
EN-DC B5+n77\_3700 - 3980 MHz 10M + 20M Ch20525 1RB0 QPSK + Ch636000 1RB1 BPSK

H



Site : 03CH22-HY  
 Condition: -13 3m DRH18-E\_LE2C04A18EN Horizontal  
 : EN-DC B5+n77 20M Ch636000 1RB1 BPSK

1	2	3	Ant Factor	Amp\Cb 1	Filter	EIRPCF	Reading	Limit	Margin	Pol
Freq	Level	Detector								
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
7062.00	-54.26	RMS	36.88	-20.58	1.14	-95.23	23.53	-13.00	-41.26	Horizontal
10593.00	-53.69	RMS	37.39	-20.65	0.51	-95.23	24.29	-13.00	-40.69	Horizontal
14125.00	-47.92	RMS	42.20	-20.62	0.46	-95.23	25.27	-13.00	-34.92	Horizontal



Site : 03CH22-HY  
 Condition: -13 3m DRH18-E\_LE2C04A18EN Vertical  
 : EN-DC B5+n77 20M Ch636000 1RB1 BPSK

1	2	3	Ant Factor	Amp\Cb 1	Filter	EIRPCF	Reading	Limit	Margin	Pol
Freq	Level	Detector								
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
7062.00	-53.41	RMS	36.88	-20.58	1.14	-95.23	24.38	-13.00	-40.41	Vertical
10593.00	-53.76	RMS	37.39	-20.65	0.51	-95.23	24.22	-13.00	-40.76	Vertical
14125.00	-48.03	RMS	42.20	-20.62	0.46	-95.23	25.16	-13.00	-35.03	Vertical

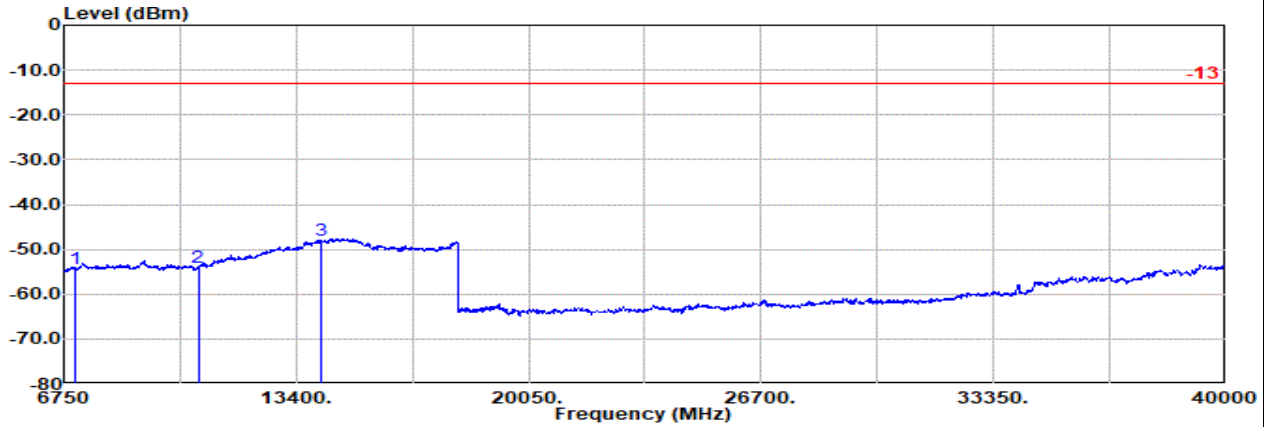


LTE MIMO 2 ; NR Main

Part 27Q Mode 2

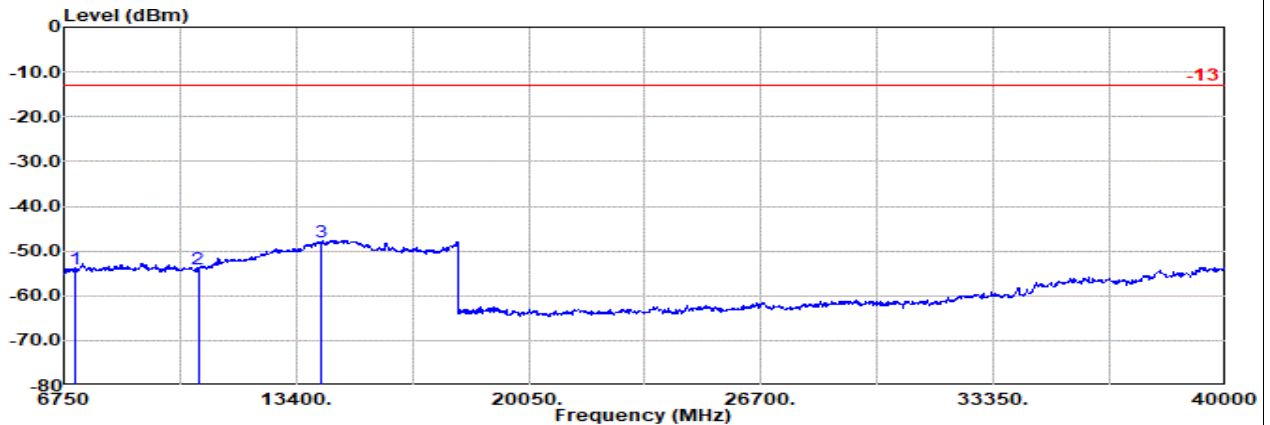
EN-DC B5+n78\_3700 - 3980 MHz 10M + 20M Ch20525 1RB0 QPSK + Ch630668 1RB1 BPSK

L



Site : 03CH22-HY  
 Condition: -13 3m DRH18-E\_LE2C04A18EN Horizontal  
 : EN-DC B5+n78 20M Ch630668 1RB1 BPSK

Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1 7062.00	-54.48	RMS	36.88	-20.58	1.14	-95.23	23.31	-13.00	-41.48	Horizontal
2 10593.00	-53.95	RMS	37.39	-20.65	0.51	-95.23	24.03	-13.00	-40.95	Horizontal
3 14125.00	-47.94	RMS	42.20	-20.62	0.46	-95.23	25.25	-13.00	-34.94	Horizontal



Site : 03CH22-HY  
 Condition: -13 3m DRH18-E\_LE2C04A18EN Vertical  
 : EN-DC B5+n78 20M Ch630668 1RB1 BPSK

Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1 7062.00	-53.94	RMS	36.88	-20.58	1.14	-95.23	23.85	-13.00	-40.94	Vertical
2 10593.00	-54.01	RMS	37.39	-20.65	0.51	-95.23	23.97	-13.00	-41.01	Vertical
3 14125.00	-47.98	RMS	42.20	-20.62	0.46	-95.23	25.21	-13.00	-34.98	Vertical

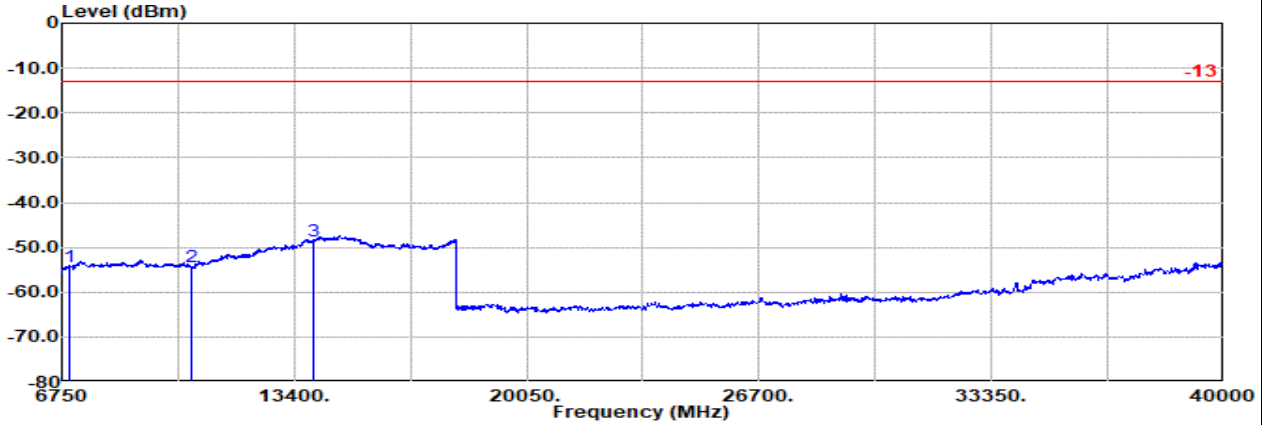


LTE MIMO 2 ; NR Main

Part 27Q Mode 2

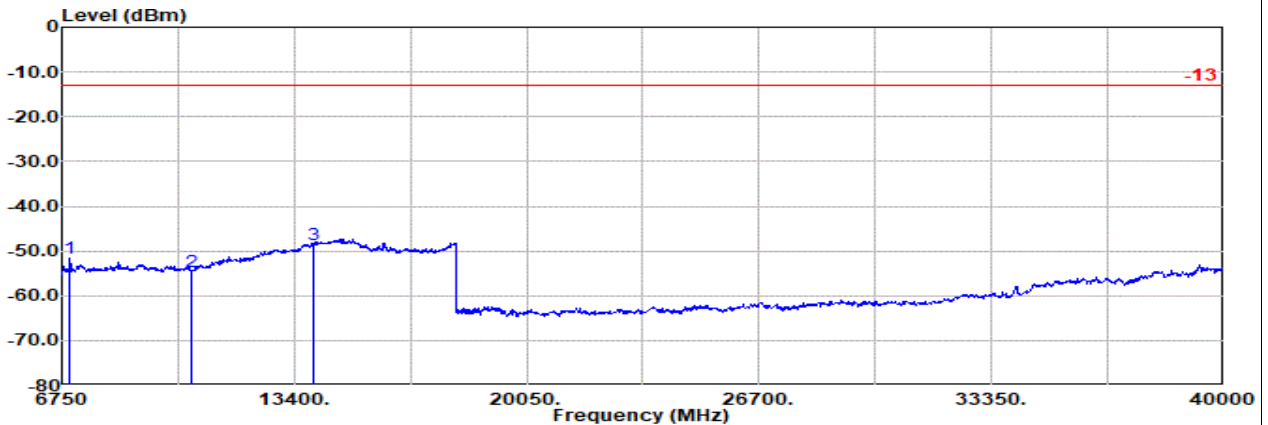
EN-DC B5+n78\_3700 - 3980 MHz 10M + 20M Ch20525 1RB0 QPSK + Ch633334 1RB1 BPSK

M



Site : 03CH22-HY  
 Condition: -13 3m DRH18-E\_LE2C04A18EN Horizontal  
 : EN-DC B5+n78 20M Ch633334 1RB1 BPSK

1	2	3	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
Freq	Level	Detector		1			g			
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
6982.00	-54.35	RMS	36.80	-20.60	1.22	-95.23	23.46	-13.00	-41.35	Horizontal
10473.00	-54.49	RMS	37.20	-20.68	0.51	-95.23	23.71	-13.00	-41.49	Horizontal
13965.00	-48.47	RMS	42.00	-20.50	0.45	-95.23	24.81	-13.00	-35.47	Horizontal



Site : 03CH22-HY  
 Condition: -13 3m DRH18-E\_LE2C04A18EN Vertical  
 : EN-DC B5+n78 20M Ch633334 1RB1 BPSK

1	2	3	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
Freq	Level	Detector		1			g			
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
6982.00	-51.51	RMS	36.80	-20.60	1.22	-95.23	26.30	-13.00	-38.51	Vertical
10473.00	-54.55	RMS	37.20	-20.68	0.51	-95.23	23.65	-13.00	-41.55	Vertical
13965.00	-48.60	RMS	42.00	-20.50	0.45	-95.23	24.68	-13.00	-35.60	Vertical

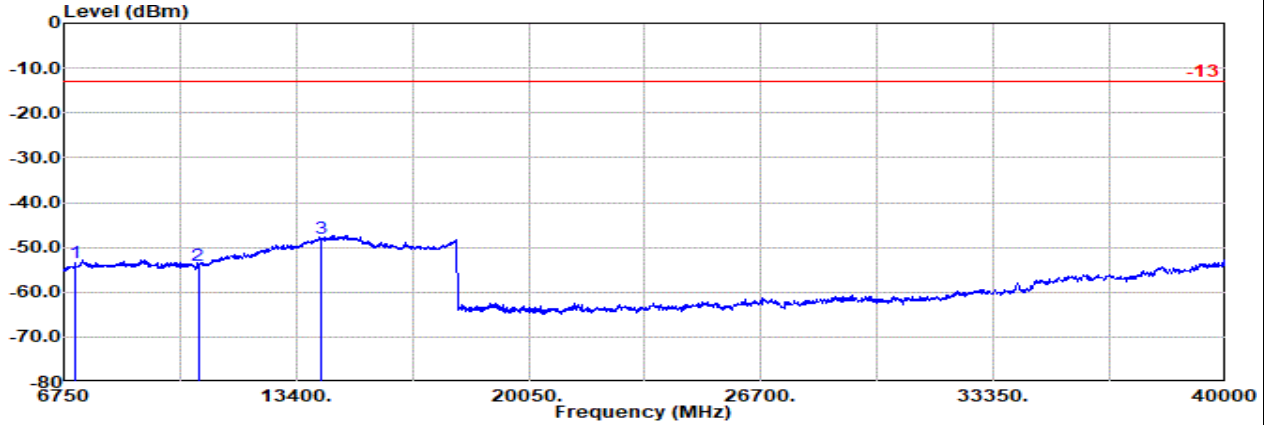


LTE MIMO 2 ; NR Main

Part 27Q Mode 2

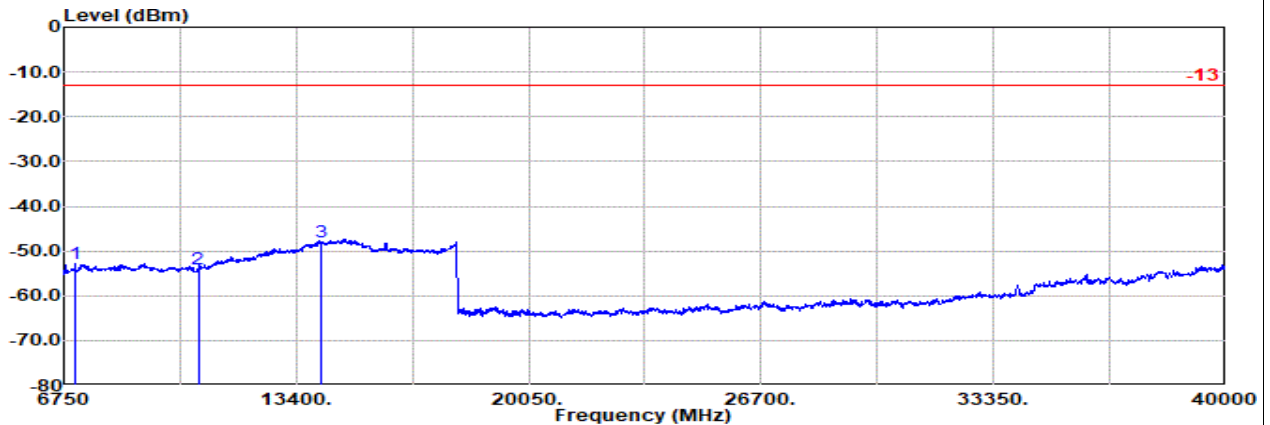
EN-DC B5+n78\_3700 - 3980 MHz 10M + 20M Ch20525 1RB0 QPSK + Ch636000 1RB1 BPSK

H



Site : 03CH22-HY  
 Condition: -13 3m DRH18-E\_LE2C04A18EN Horizontal  
 : EN-DC B5+n78 20M Ch636000 1RB1 BPSK

1	2	3	4	5	6	7	8	9	10	11
Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
7062.00	-53.34	RMS	36.88	-20.58	1.14	-95.23	24.45	-13.00	-40.34	Horizontal
10593.00	-53.95	RMS	37.39	-20.65	0.51	-95.23	24.03	-13.00	-40.95	Horizontal
14125.00	-48.13	RMS	42.20	-20.62	0.46	-95.23	25.06	-13.00	-35.13	Horizontal



Site : 03CH22-HY  
 Condition: -13 3m DRH18-E\_LE2C04A18EN Vertical  
 : EN-DC B5+n78 20M Ch636000 1RB1 BPSK

1	2	3	4	5	6	7	8	9	10	11
Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
7062.00	-52.79	RMS	36.88	-20.58	1.14	-95.23	25.00	-13.00	-39.79	Vertical
10593.00	-54.02	RMS	37.39	-20.65	0.51	-95.23	23.96	-13.00	-41.02	Vertical
14125.00	-47.95	RMS	42.20	-20.62	0.46	-95.23	25.24	-13.00	-34.95	Vertical

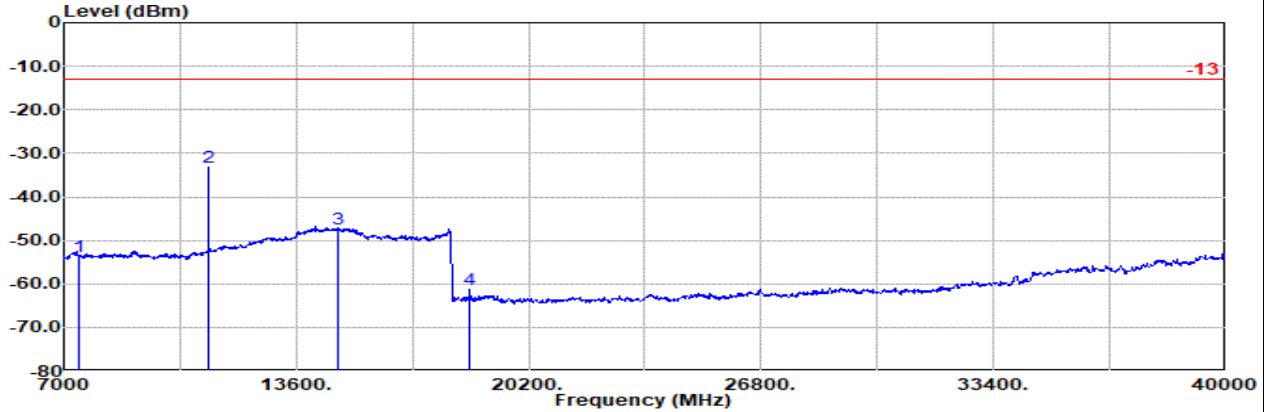


MIMO2

Part 270 Mode 1

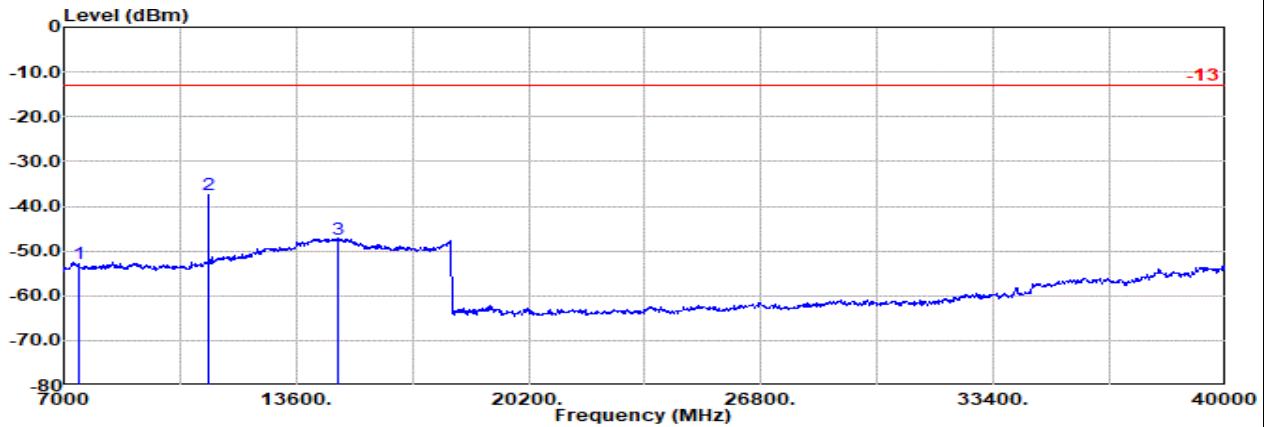
NR SA n77 (Class 2) 20M Ch647334 1RB1 BPSK

L



Site : 03CH22-HY  
 Condition: -13 3m DRH18-E\_LE2C04A18EN Horizontal  
 : NR n77 20M Ch647334 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	7407.00	-53.60	RMS	37.39	-20.43	0.91	-95.23	23.76	-13.00	-40.60	Horizontal
2	11114.00	-33.30	RMS	38.23	-20.48	0.53	-95.23	43.65	-13.00	-20.30	Horizontal
3	14810.00	-47.42	RMS	42.68	-21.14	0.50	-95.23	25.77	-13.00	-34.42	Horizontal
4	18506.00	-61.34	RMS	--	25.00	0.00	-95.23	508.89	-13.00	-48.34	Horizontal



Site : 03CH22-HY  
 Condition: -13 3m DRH18-E\_LE2C04A18EN Vertical  
 : NR n77 20M Ch647334 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	7407.00	-52.69	RMS	37.39	-20.43	0.91	-95.23	24.67	-13.00	-39.69	Vertical
2	11114.00	-37.50	RMS	38.23	-20.48	0.53	-95.23	39.45	-13.00	-24.50	Vertical
3	14810.00	-47.42	RMS	42.68	-21.14	0.50	-95.23	25.77	-13.00	-34.42	Vertical



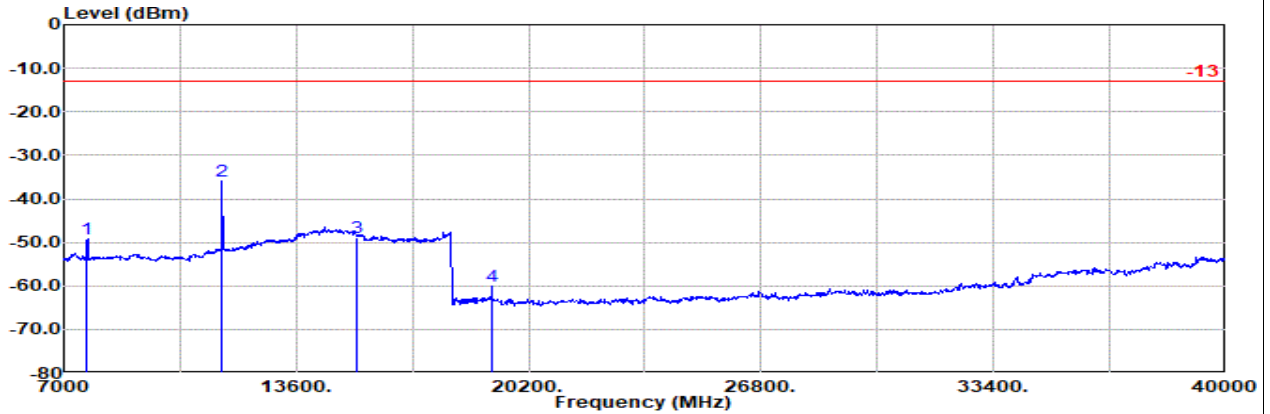


MIMO2

Part 270 Mode 1

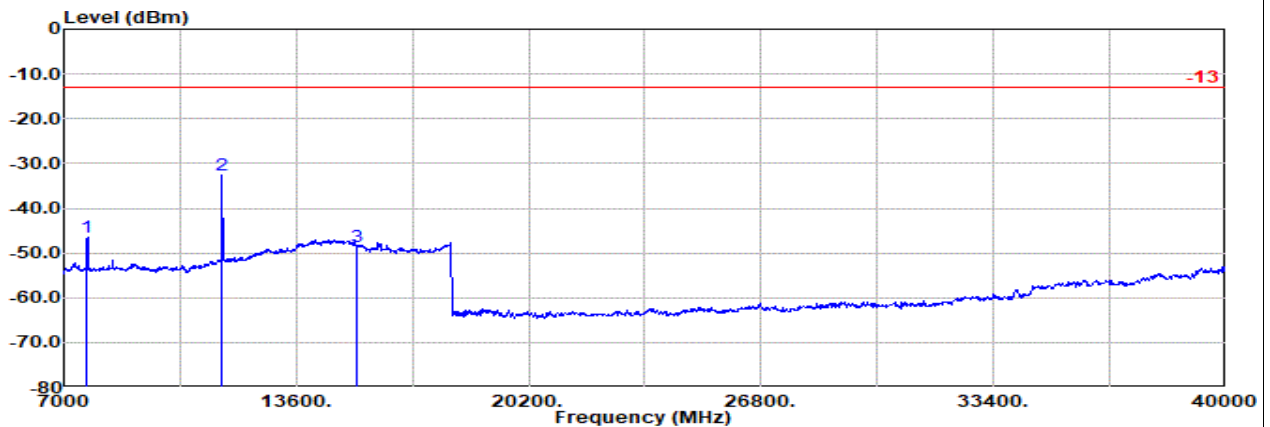
NR SA n77 (Class 2) 20M Ch656000 1RB1 BPSK

M



Site : 03CH22-HY  
 Condition: -13 3m DRH18-E\_LE2C04A18EN Horizontal  
 : NR n77 20M Ch656000 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7662.00	-49.07	RMS	37.08	-20.36	0.85	-95.23	28.59	-13.00	-36.07	Horizontal
2	11493.00	-35.87	RMS	38.99	-20.40	0.54	-95.23	40.23	-13.00	-22.87	Horizontal
3	15325.00	-48.83	RMS	41.70	-21.33	0.54	-95.23	25.48	-13.00	-35.83	Horizontal
4	19166.00	-59.96	RMS	--	25.47	0.00	-95.23	509.80	-13.00	-46.96	Horizontal



Site : 03CH22-HY  
 Condition: -13 3m DRH18-E\_LE2C04A18EN Vertical  
 : NR n77 20M Ch656000 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7662.00	-46.47	RMS	37.08	-20.36	0.85	-95.23	31.19	-13.00	-33.47	Vertical
2	11493.00	-32.62	RMS	38.99	-20.40	0.54	-95.23	43.48	-13.00	-19.62	Vertical
3	15325.00	-48.57	RMS	41.70	-21.33	0.54	-95.23	25.74	-13.00	-35.57	Vertical

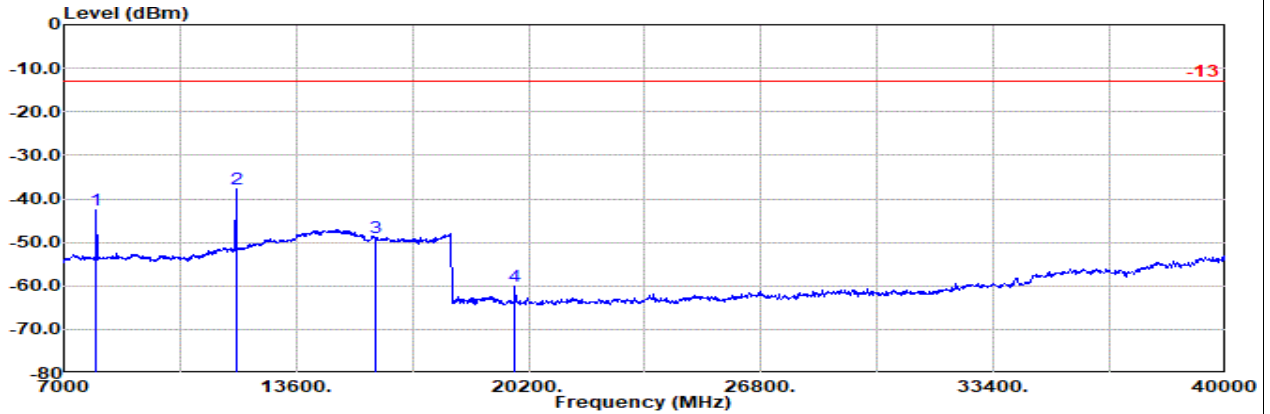


MIMO2

Part 270 Mode 1

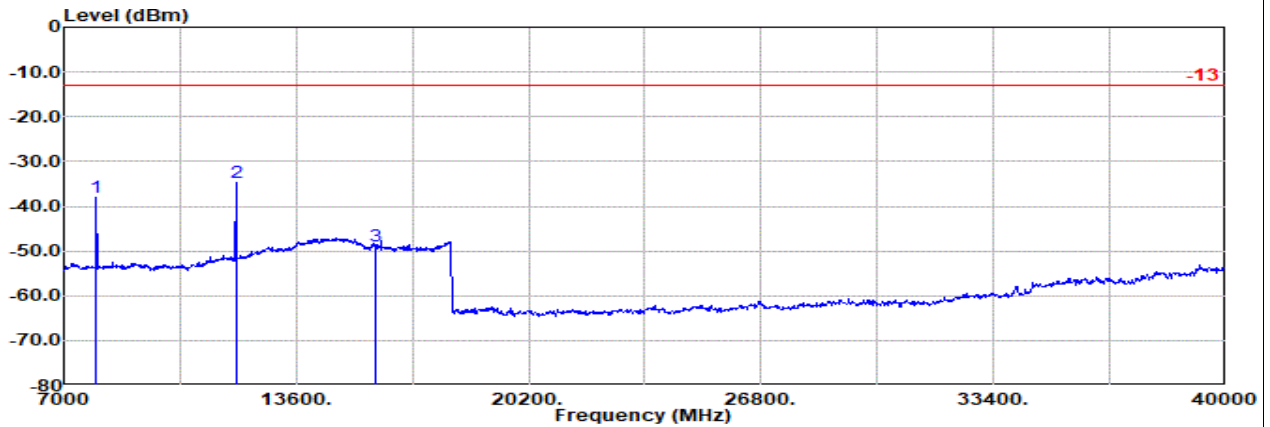
NR SA n77 (Class 2) 20M Ch664666 1RB1 BPSK

H



Site : 03CH22-HY  
 Condition: -13 3m DRH18-E\_LE2C04A18EN Horizontal  
 : NR n77 20M Ch664666 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7922.00	-42.59	RMS	37.20	-20.42	0.72	-95.23	35.14	-13.00	-29.59	Horizontal
2	11883.00	-37.71	RMS	39.17	-20.46	0.56	-95.23	38.25	-13.00	-24.71	Horizontal
3	15845.00	-48.93	RMS	41.41	-21.73	0.57	-95.23	26.05	-13.00	-35.93	Horizontal
4	19806.00	-60.09	RMS	--	25.98	0.00	-95.23	509.16	-13.00	-47.09	Horizontal



Site : 03CH22-HY  
 Condition: -13 3m DRH18-E\_LE2C04A18EN Vertical  
 : NR n77 20M Ch664666 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7922.00	-37.89	RMS	37.20	-20.42	0.72	-95.23	39.84	-13.00	-24.89	Vertical
2	11883.00	-34.79	RMS	39.17	-20.46	0.56	-95.23	41.17	-13.00	-21.79	Vertical
3	15845.00	-48.97	RMS	41.41	-21.73	0.57	-95.23	26.01	-13.00	-35.97	Vertical

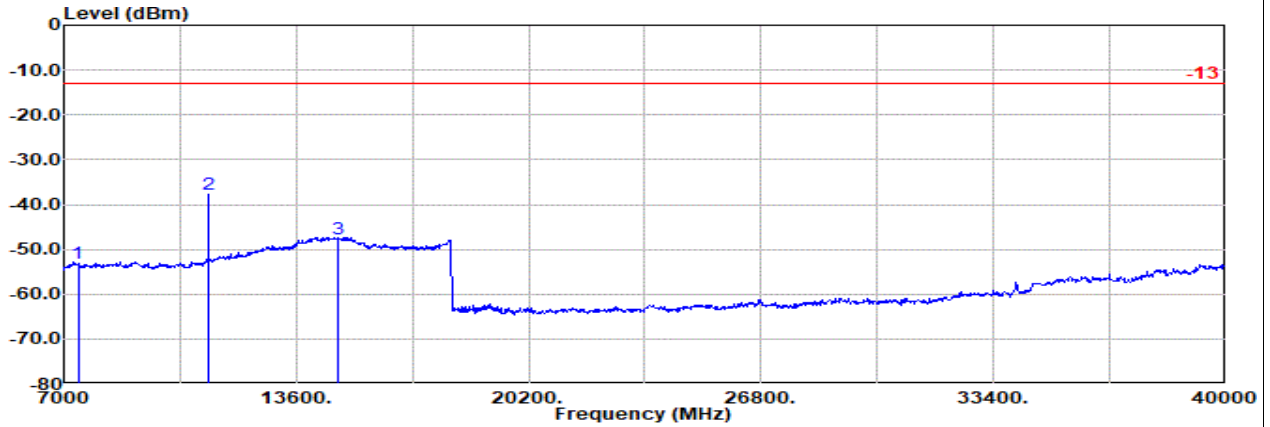


MIMO2

Part 270 Mode 2

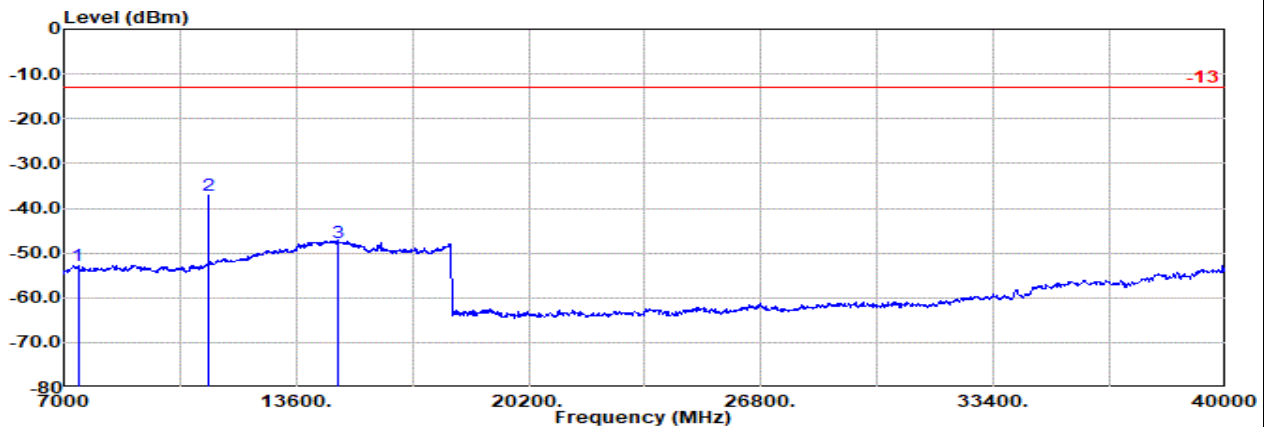
NR SA n78 (Class 2) 20M Ch647334 1RB1 BPSK

L



Site : 03CH22-HY  
 Condition: -13 3m DRH18-E\_LE2C04A18EN Horizontal  
 : NR n78 20M Ch647334 1RB1 BPSK

1	2	3	4	5	6	7	8	9	10	11	12
Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol	
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	dB	
7402.00	-53.13	RMS	37.40	-20.43	0.91	-95.23	24.22	-13.00	-40.13	Horizontal	
11103.00	-37.72	RMS	38.21	-20.48	0.53	-95.23	39.25	-13.00	-24.72	Horizontal	
14805.00	-47.61	RMS	42.69	-21.14	0.50	-95.23	25.57	-13.00	-34.61	Horizontal	



Site : 03CH22-HY  
 Condition: -13 3m DRH18-E\_LE2C04A18EN Vertical  
 : NR n78 20M Ch647334 1RB1 BPSK

1	2	3	4	5	6	7	8	9	10	11	12
Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol	
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	dB	
7402.00	-52.88	RMS	37.40	-20.43	0.91	-95.23	24.47	-13.00	-39.88	Vertical	
11103.00	-37.16	RMS	38.21	-20.48	0.53	-95.23	39.81	-13.00	-24.16	Vertical	
14805.00	-47.61	RMS	42.69	-21.14	0.50	-95.23	25.57	-13.00	-34.61	Vertical	

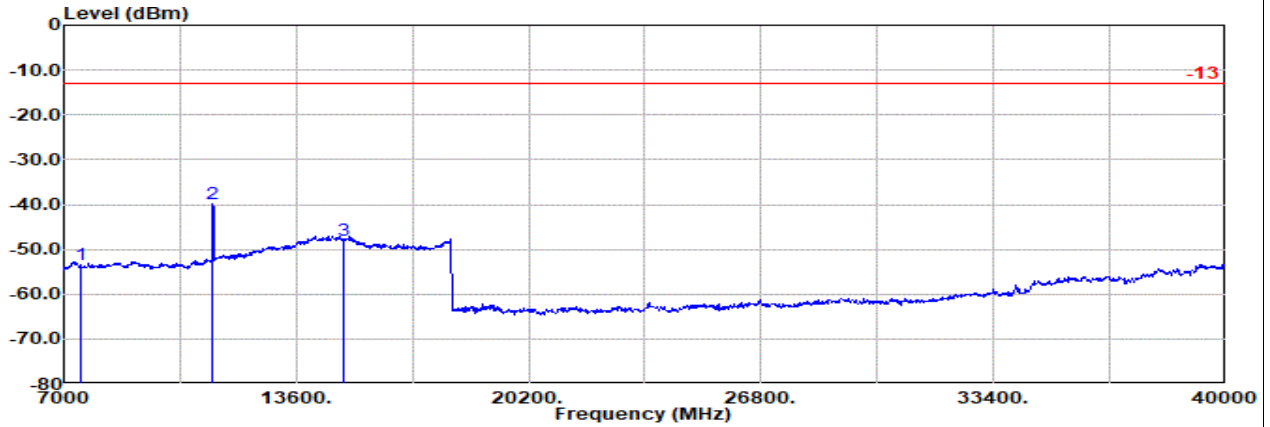


MIMO2

Part 270 Mode 2

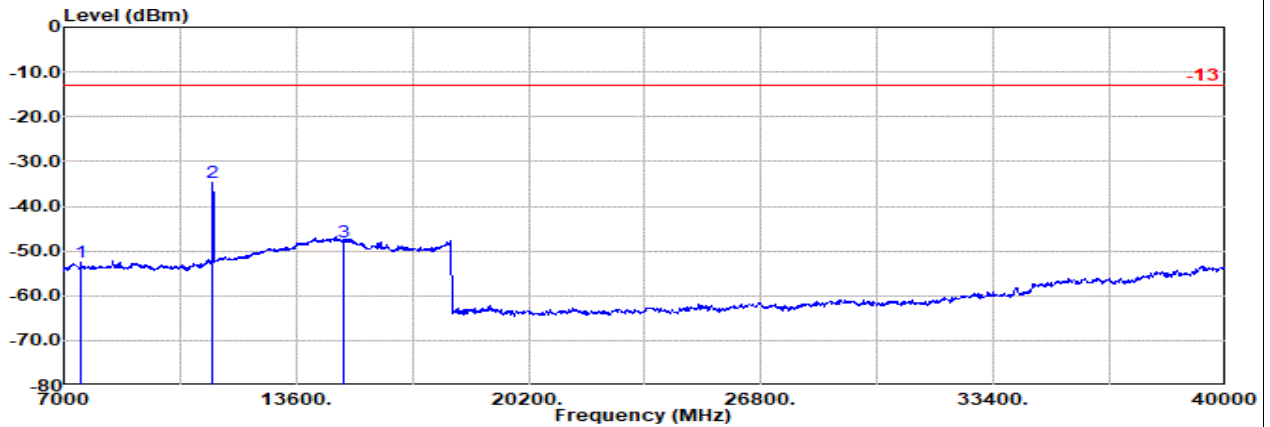
NR SA n78 (Class 2) 20M Ch650000 1RB1 BPSK

M



Site : 03CH22-HY  
 Condition: -13 3m DRH18-E\_LE2C04A18EN Horizontal  
 : NR n78 20M Ch650000 1RB1 BPSK

1	2	3	4	5	6	7	8	9	10	11	12
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	-53.51	RMS	37.30	-20.38	0.91	-95.23	23.89	-13.00	-40.51	Horizontal	
11223.00	-39.90	RMS	38.59	-20.45	0.53	-95.23	36.66	-13.00	-26.90	Horizontal	
14965.00	-48.13	RMS	42.46	-21.24	0.51	-95.23	25.37	-13.00	-35.13	Horizontal	



Site : 03CH22-HY  
 Condition: -13 3m DRH18-E\_LE2C04A18EN Vertical  
 : NR n78 20M Ch650000 1RB1 BPSK

1	2	3	4	5	6	7	8	9	10	11	12
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	-52.49	RMS	37.30	-20.38	0.91	-95.23	24.91	-13.00	-39.49	Vertical	
11223.00	-34.73	RMS	38.59	-20.45	0.53	-95.23	41.83	-13.00	-21.73	Vertical	
14965.00	-48.05	RMS	42.46	-21.24	0.51	-95.23	25.45	-13.00	-35.05	Vertical	

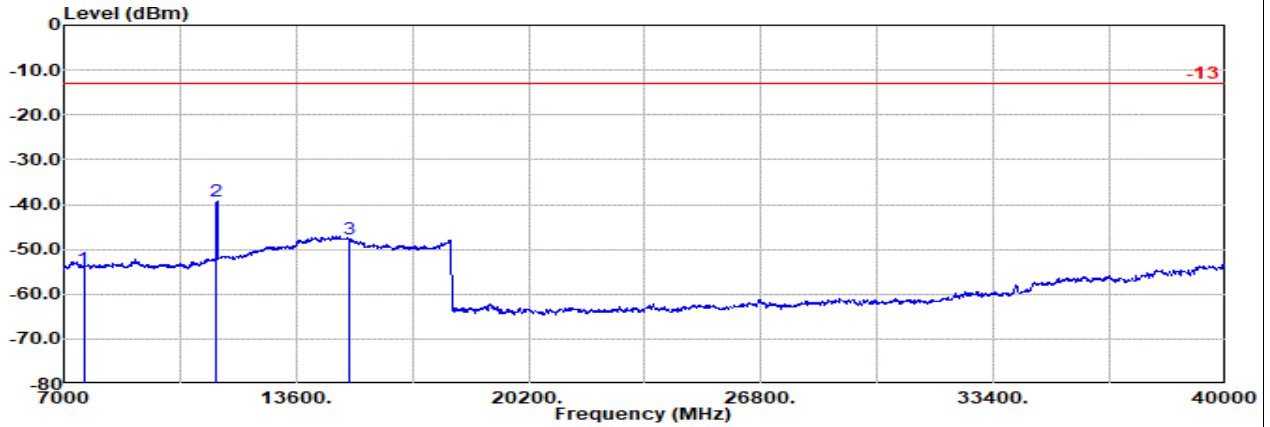


MIMO2

Part 270 Mode 2

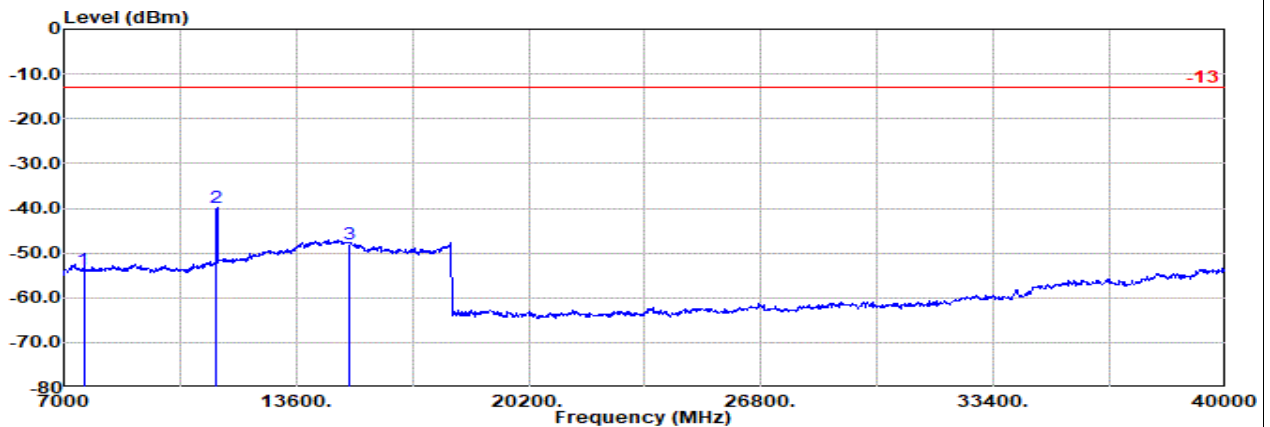
NR SA n78 (Class 2) 20M Ch652666 1RB1 BPSK

H



Site : 03CH22-HY  
 Condition: -13 3m DRH18-E\_LE2C04A18EN Horizontal  
 : NR n78 20M Ch652666 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7562.00	-54.22	RMS	37.12	-20.37	0.91	-95.23	23.35	-13.00	-41.22	Horizontal
2	11343.00	-39.15	RMS	38.89	-20.43	0.54	-95.23	37.08	-13.00	-26.15	Horizontal
3	15125.00	-47.78	RMS	42.30	-21.28	0.52	-95.23	25.91	-13.00	-34.78	Horizontal



Site : 03CH22-HY  
 Condition: -13 3m DRH18-E\_LE2C04A18EN Vertical  
 : NR n78 20M Ch652666 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7562.00	-53.83	RMS	37.12	-20.37	0.91	-95.23	23.74	-13.00	-40.83	Vertical
2	11343.00	-39.89	RMS	38.89	-20.43	0.54	-95.23	36.34	-13.00	-26.89	Vertical
3	15125.00	-48.15	RMS	42.30	-21.28	0.52	-95.23	25.54	-13.00	-35.15	Vertical

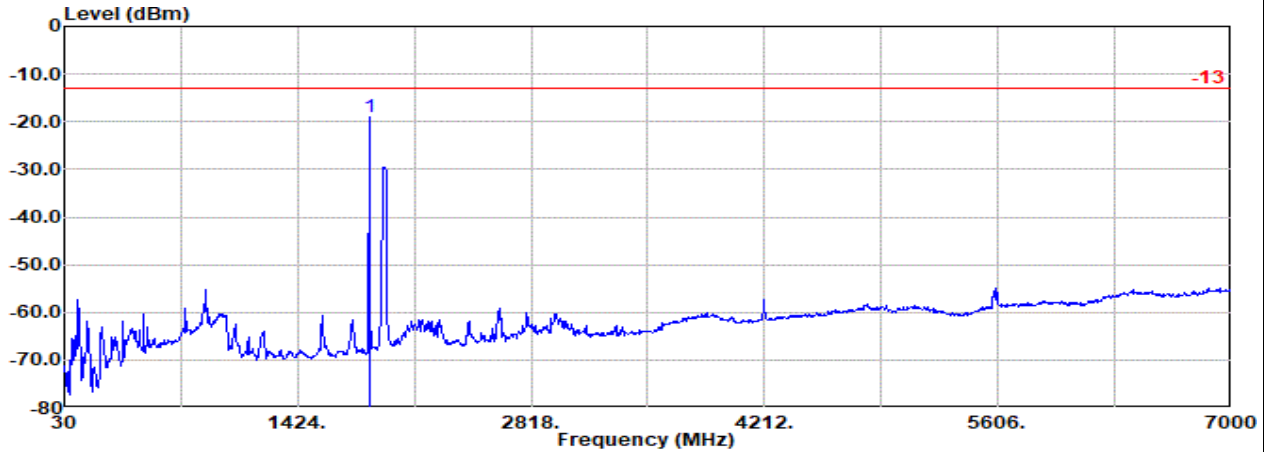


Main

Part 24E Mode 1

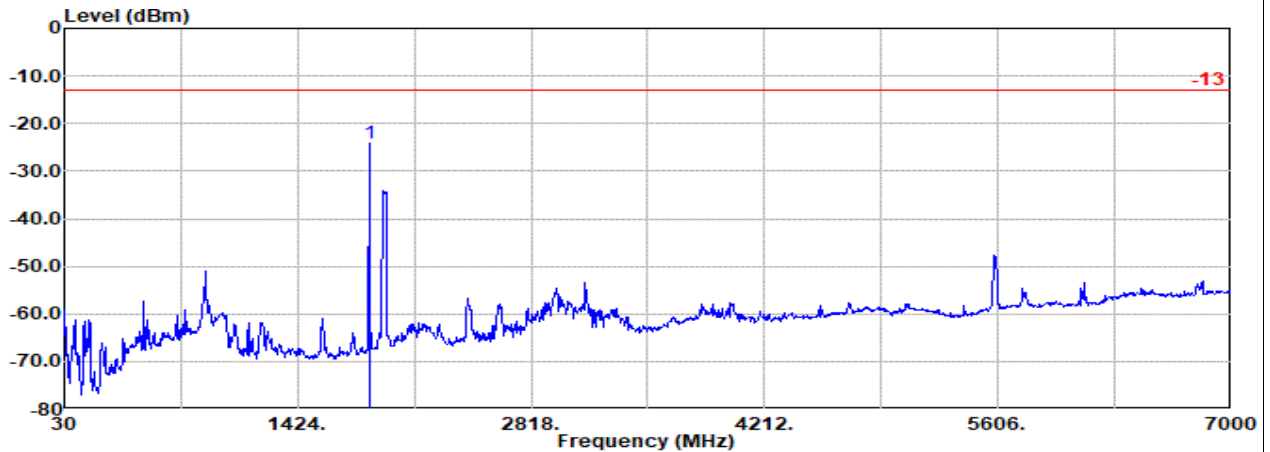
NR SA n25 20M Ch372000 1RB1 BPSK

L



Site : 03CH22-HY  
 Condition: -13 3m Bilog\_63304\_231015 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	
1 1852.00	-19.16	RMS	--	7.47	0.00	-95.23	568.60	-13.00	-6.16	Horizontal	



Site : 03CH22-HY  
 Condition: -13 3m Bilog\_63304\_231015 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	
1 1852.00	-24.10	RMS	--	7.47	0.00	-95.23	563.66	-13.00	-11.10	Vertical	

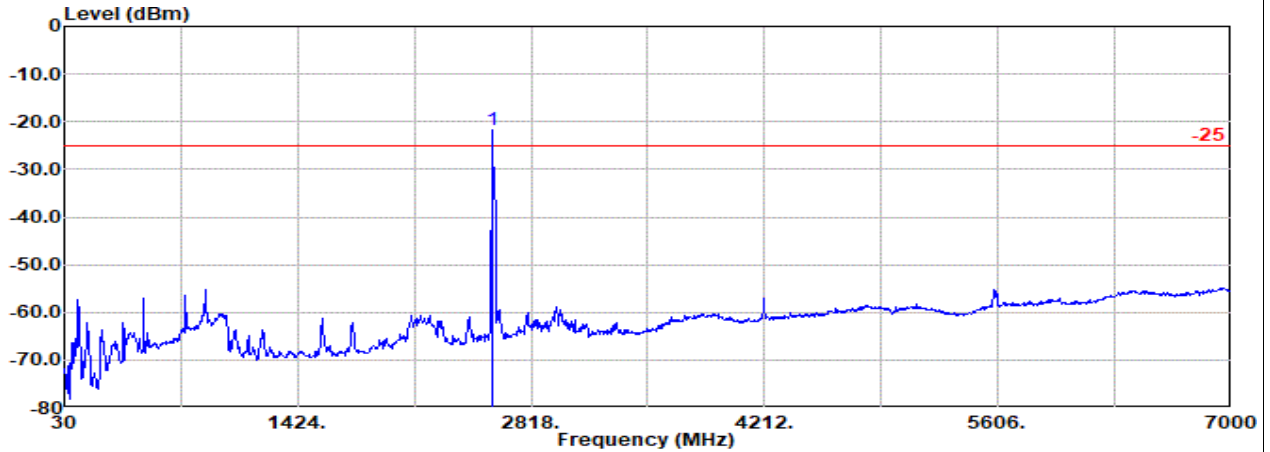


MIMO 2

Part 27M Mode 1

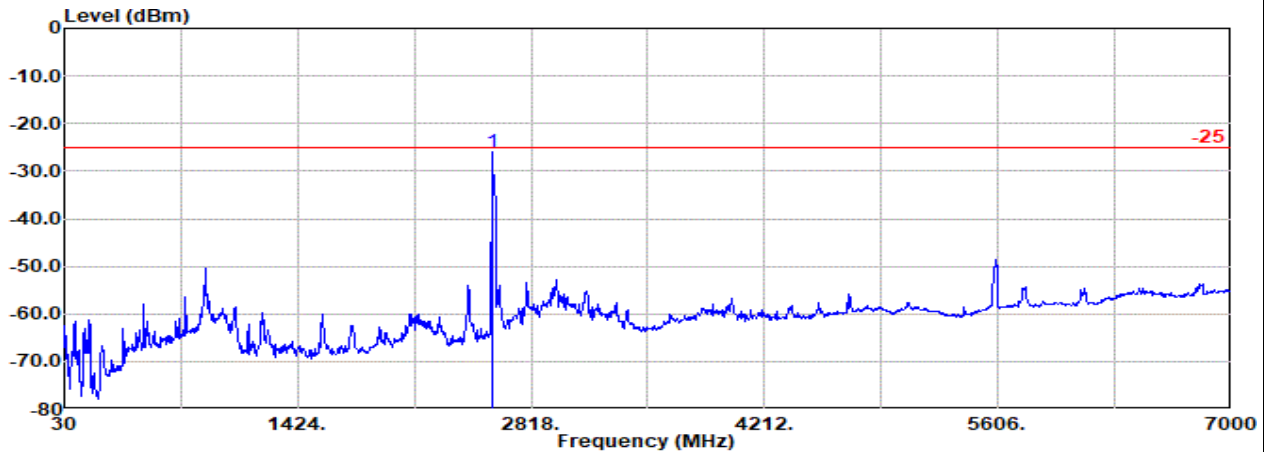
NR SA n41 (Class 2) 20M Ch518598 1RB1 BPSK

M



Site : 03CH22-HY  
 Condition: -25 3m Bilog\_63304\_231015 Horizontal  
 : NR SA n41 20M Ch518598 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 2590.00	-21.69	RMS	--	8.88	0.00	-95.23	564.66	-25.00	3.31	Horizontal	



Site : 03CH22-HY  
 Condition: -25 3m Bilog\_63304\_231015 Vertical  
 : NR SA n41 20M Ch518598 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 2590.00	-25.87	RMS	--	8.88	0.00	-95.23	560.48	-25.00	-0.87	Vertical	

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

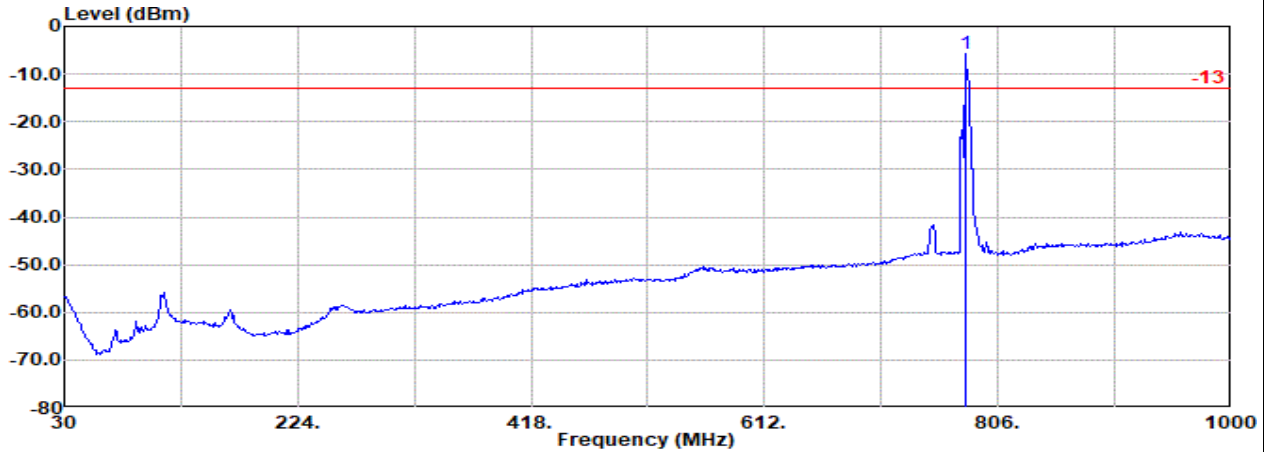


Main

Part 27F Mode 1

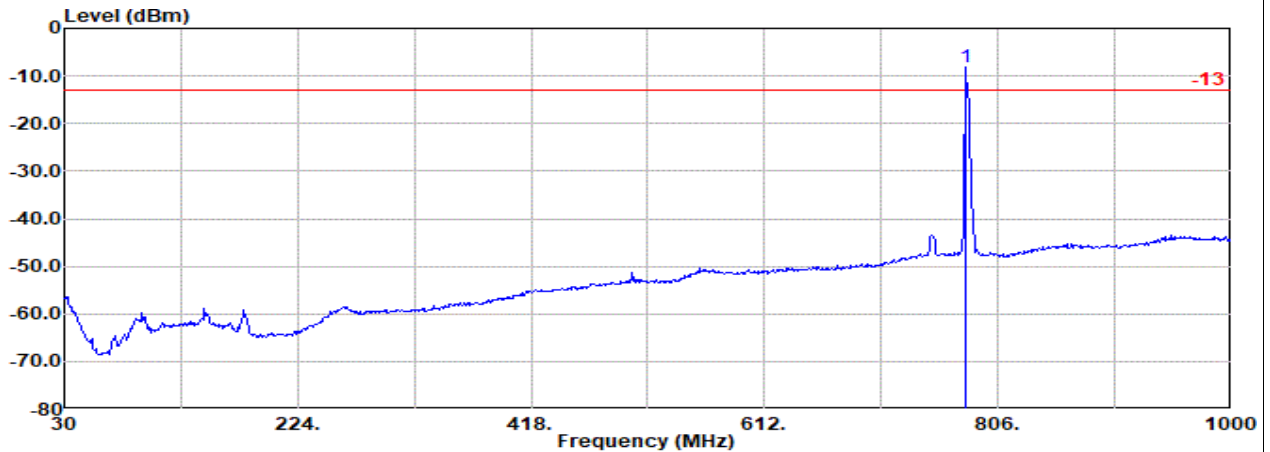
NR SA n13 5M Ch156400 1RB1 BPSK

M



Site : 03CH22-HY  
 Condition: -13 3m Bilog\_63304\_231015 Horizontal  
 : NR SA n13 5M Ch156400 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	778.84	-5.63	RMS	28.11	4.84	0.00	-95.23	56.65	-13.00	7.37	Horizontal	



Site : 03CH22-HY  
 Condition: -13 3m Bilog\_63304\_231015 Vertical  
 : NR SA n13 5M Ch156400 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	779.81	-8.20	RMS	28.12	4.85	0.00	-95.23	54.06	-13.00	4.80	Vertical	

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



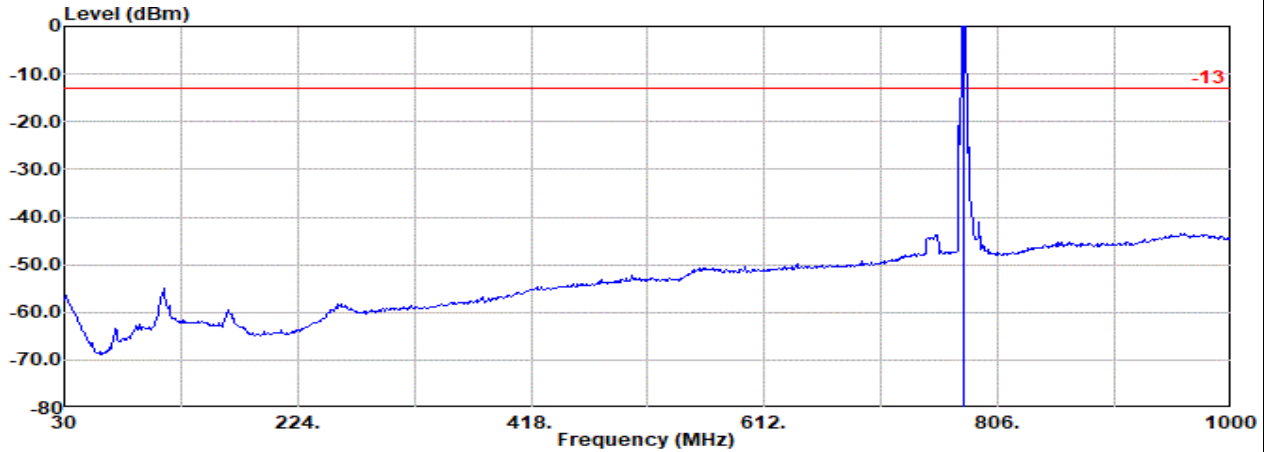


Main

Part 27F Mode 2

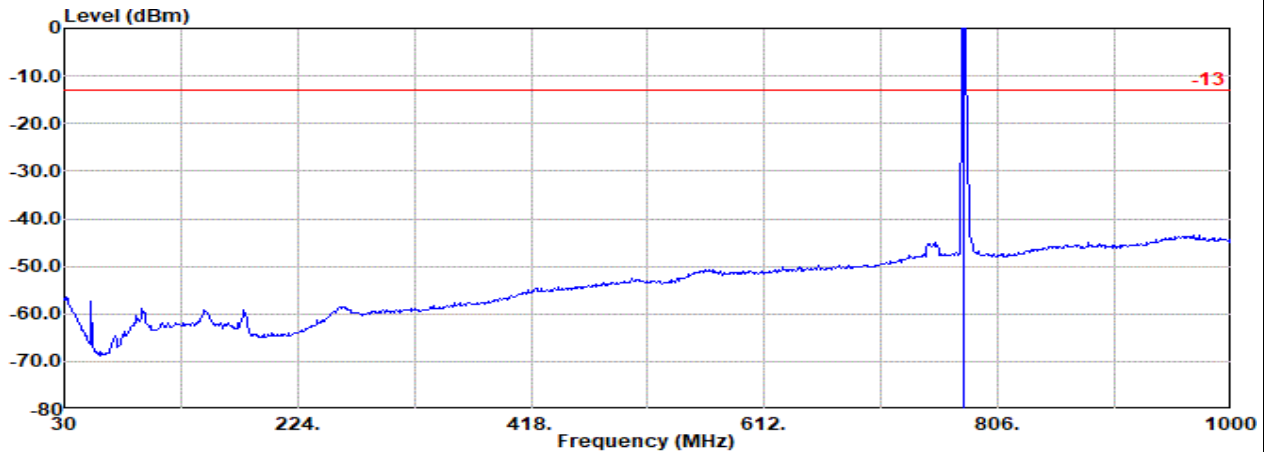
NR SA n13 10M Ch156400 1RB1 BPSK

M



Site : 03CH22-HY  
 Condition: -13 3m Bilog\_63304\_231015 Horizontal  
 : NR SA n13 10M Ch156400 1RB1 BPSK

1	Freq	Level	Detector	Ant	Amp	Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm		Factor	dB		dB		dB	dBuV		
1	777.87	29.62	RMS	28.11	4.84	0.00	-95.23	91.90	-13.00	42.62	Horizontal	



Site : 03CH22-HY  
 Condition: -13 3m Bilog\_63304\_231015 Vertical  
 : NR SA n13 10M Ch156400 1RB1 BPSK

1	Freq	Level	Detector	Ant	Amp	Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm		Factor	dB		dB		dB	dBuV		
1	777.87	23.06	RMS	28.11	4.84	0.00	-95.23	85.34	-13.00	36.06	Vertical	

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

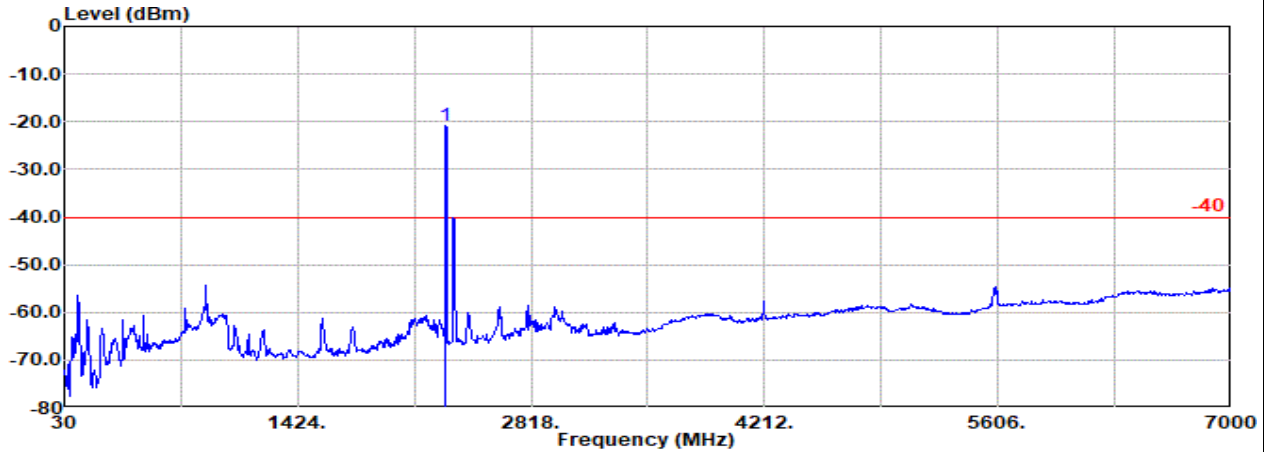


Main

Part 27D Mode 1

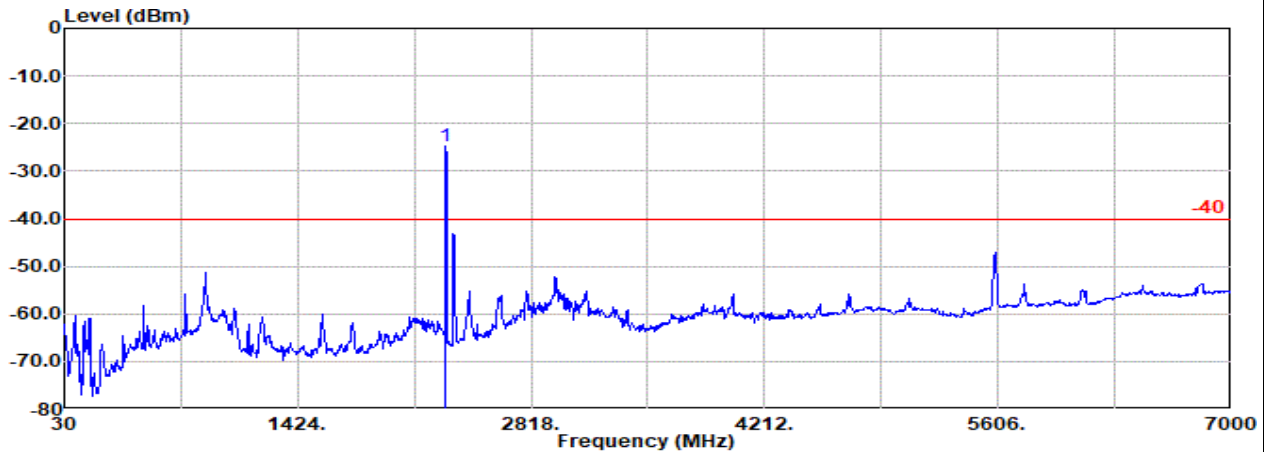
NR SA n30 5M Ch462000 1RB1 BPSK

M



Site : 03CH22-HY  
 Condition: -40 3m Bilog\_63304\_231015 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 2308.00	-20.94	RMS	--	8.37	0.00	-95.23	565.92	-40.00	19.06	Horizontal	



Site : 03CH22-HY  
 Condition: -40 3m Bilog\_63304\_231015 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 2308.00	-24.88	RMS	--	8.37	0.00	-95.23	561.98	-40.00	15.12	Vertical	

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

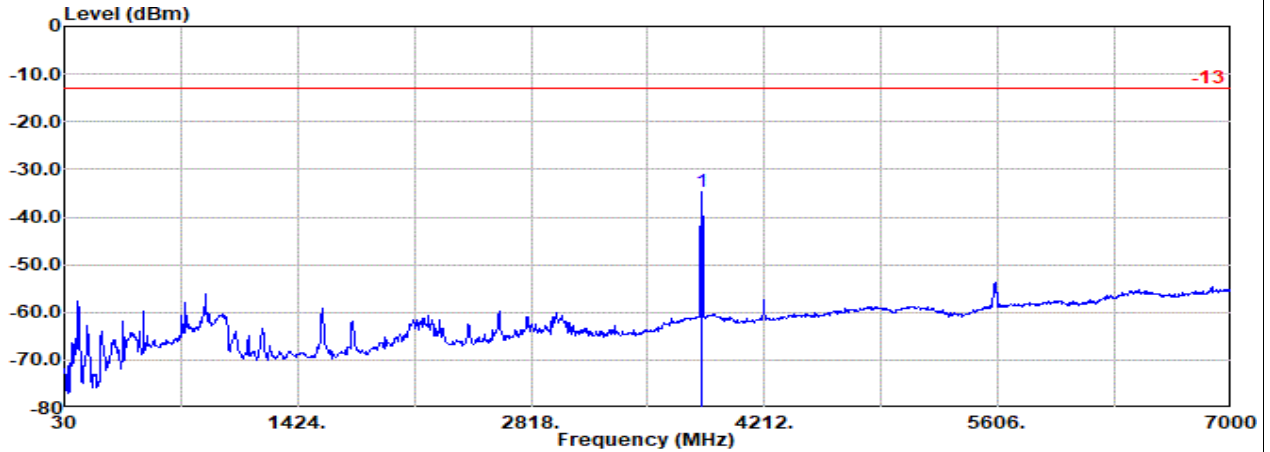


MIMO2

Part 270 Mode 1

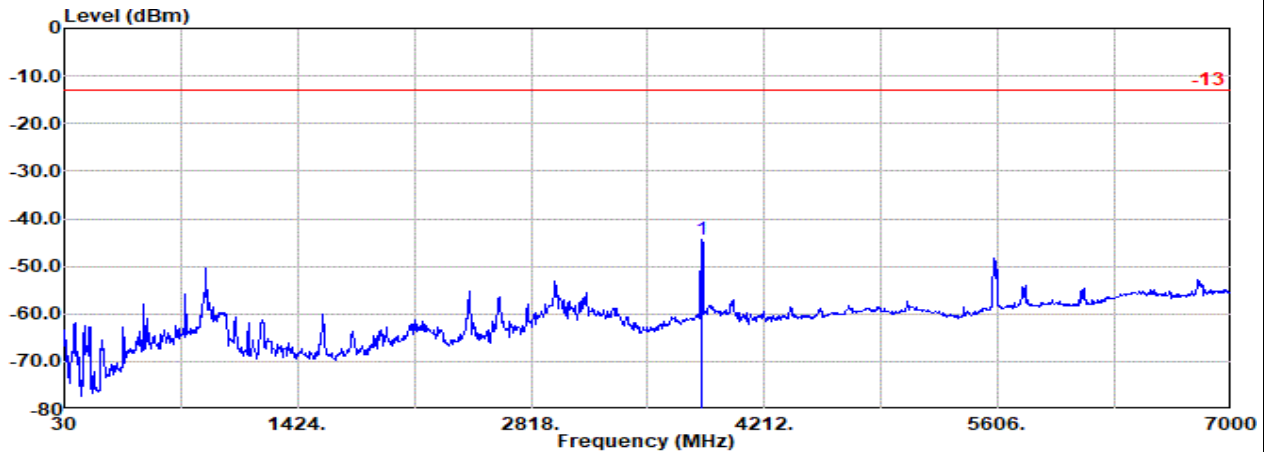
NR SA n77 (Class 2) 20M Ch656000 1RB1 BPSK

M



Site : 03CH22-HY  
 Condition: -13 3m Bilog\_63304\_231015 Horizontal  
 : NR SA n77 20M Ch656000 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 3838.00	-34.71	RMS	--	10.93	0.00	-95.23	549.59	-13.00	-21.71	Horizontal	



Site : 03CH22-HY  
 Condition: -13 3m Bilog\_63304\_231015 Vertical  
 : NR SA n77 20M Ch656000 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 3838.00	-44.34	RMS	--	10.93	0.00	-95.23	539.96	-13.00	-31.34	Vertical	

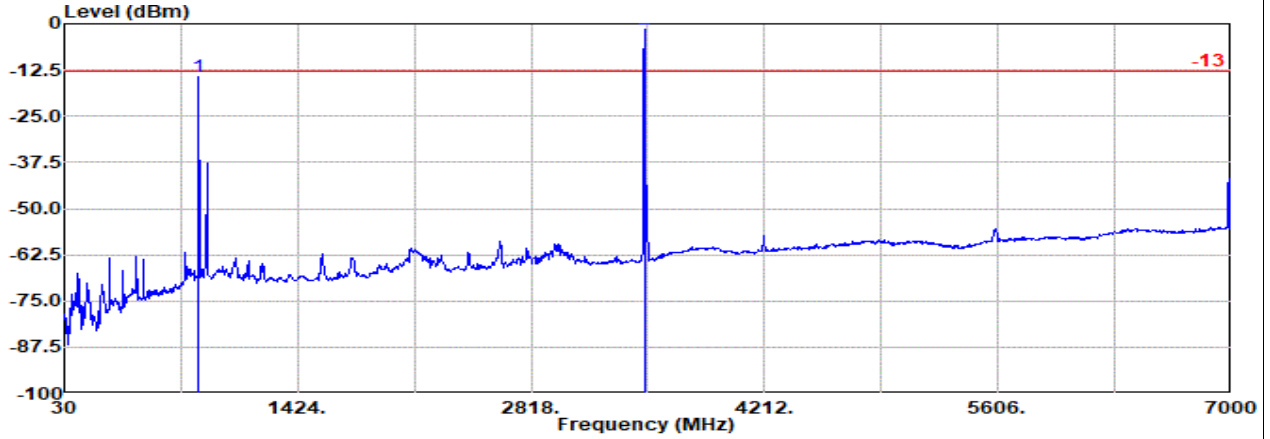


LTE MIMO 2 ; NR Main

Part 27Q Mode 1

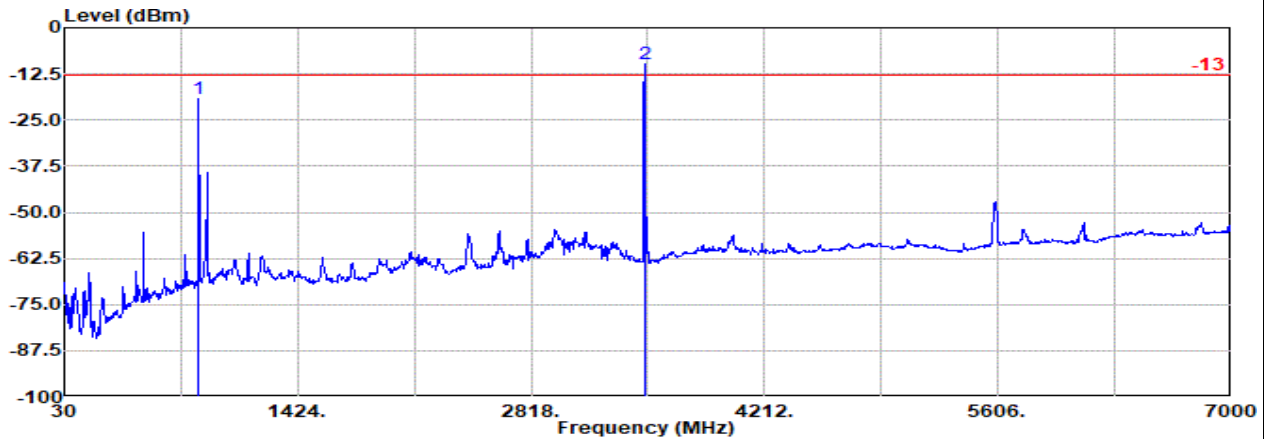
EN-DC B5+n77\_3700 - 3980 MHz 10M + 20M Ch20525 1RB0 QPSK + Ch636000 1RB1 BPSK

H



Site : 03CH22-HY  
 Condition: -13 3m Bilog\_63304\_231015 Horizontal  
 : EN-DC B5+n77 20M C636000 1RB1 BPSK

Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin	Pol	
			Factor	1							dB
1	832.19	-14.29	RMS	28.60	-27.32	0.21	-95.23	79.45	-13.00	-1.29	Horizontal
2	3496.00	-1.46	RMS	--	10.41	0.00	-95.23	583.36	-13.00	11.54	Horizontal



Site : 03CH22-HY  
 Condition: -13 3m Bilog\_63304\_231015 Vertical  
 : EN-DC B5+n77 20M C636000 1RB1 BPSK

Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin	Pol	
			Factor	1							dB
1	832.19	-19.06	RMS	28.60	-27.32	0.21	-95.23	74.68	-13.00	-6.06	Vertical
2	3496.00	-9.96	RMS	--	10.41	0.00	-95.23	574.86	-13.00	3.04	Vertical

Remark: #2 is fundamental signal which can be ignored.

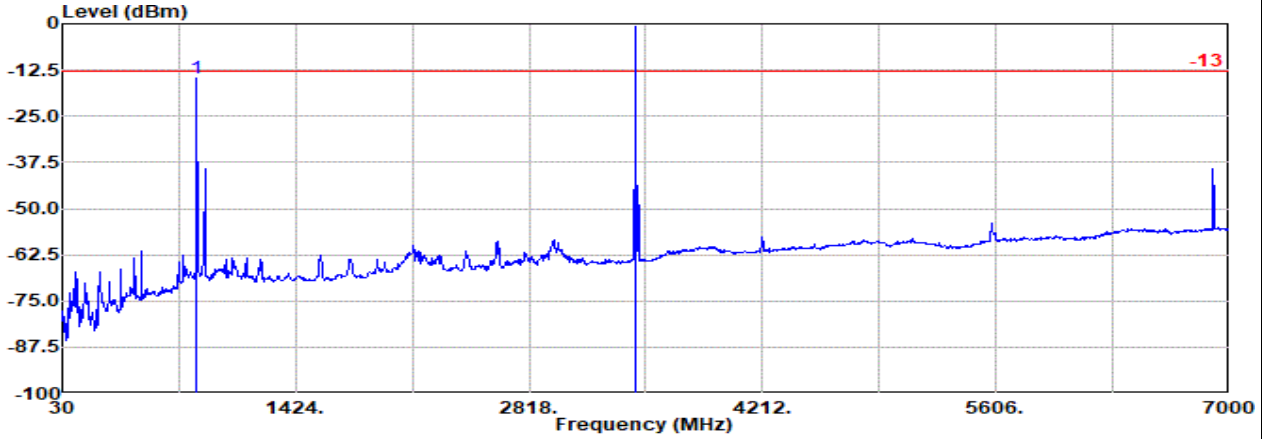


LTE MIMO 2 ; NR Main

Part 27Q Mode 2

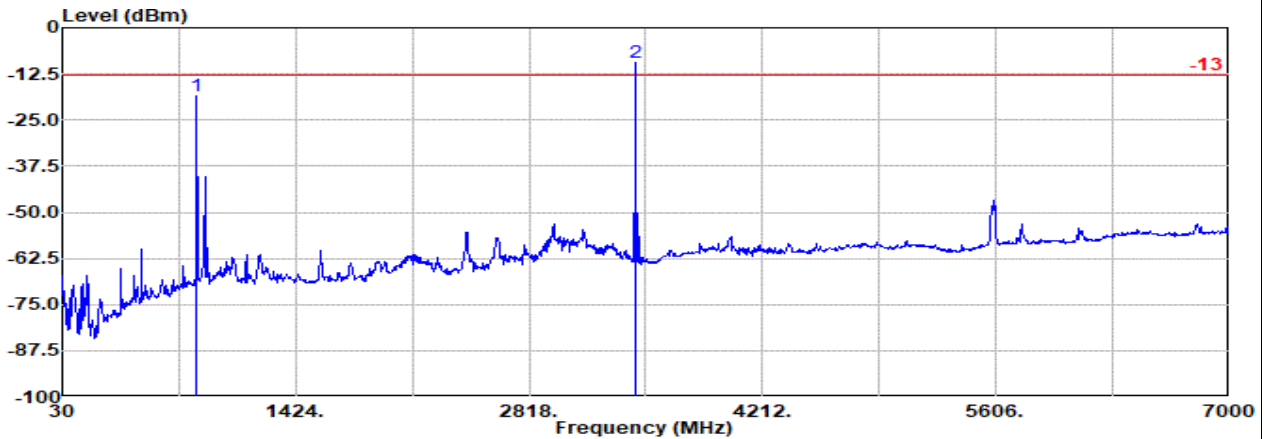
EN-DC B5+n78\_3700 - 3980 MHz 10M + 20M Ch20525 1RB0 QPSK + Ch646000 1RB1 BPSK

L



Site : 03CH22-HY  
 Condition: -13 3m Bilog\_63304\_231015 Horizontal  
 : EN-DC B5+n77 20M Ch646000 1RB1 BPSK

Freq	Level	Detector	Ant Amp\Cb		Filter		EIRPCF	Readin	Limit	Margin	Pol
			Factor	1	dB	dB					
1	832.19	-14.54 RMS	28.60	-27.32	0.21	-95.23	79.20	-13.00	-1.54	Horizontal	
2	3454.00	-0.83 RMS	--	10.35	0.00	-95.23	584.05	-13.00	12.17	Horizontal	



Site : 03CH22-HY  
 Condition: -13 3m Bilog\_63304\_231015 Vertical  
 : EN-DC B5+n77 20M Ch646000 1RB1 BPSK

Freq	Level	Detector	Ant Amp\Cb		Filter		EIRPCF	Readin	Limit	Margin	Pol
			Factor	1	dB	dB					
1	832.19	-18.54 RMS	28.60	-27.32	0.21	-95.23	75.20	-13.00	-5.54	Vertical	
2	3454.00	-9.53 RMS	--	10.35	0.00	-95.23	575.35	-13.00	3.47	Vertical	

Remark: #2 is fundamental signal which can be ignored.