



FCC RADIO TEST REPORT

FCC ID : UZ7RM520NGL
Equipment : 5G Sub-6 GHz M.2 Module
Brand Name : ZEBRA
Model Name : RM520N-GL
Applicant : Zebra Technologies Corporation
1 Zebra Plaza, Holtsville, NY 11742
Manufacturer : Quectel Wireless Solutions Co., Ltd.
Building 5, Shanghai Business Park Phase III (Area B), No.
1016 Tianlin Road, Minhang District, Shanghai, China 200233
Standard : FCC 47 CFR Part 2, 22(H), 24(E), 27, Part 90(R), Part 90(S)

The product was received on Jan. 09, 2024 and testing was performed from Feb. 06, 2024 to Apr. 12, 2024. We, Sporton International Inc. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI / TIA-603-E and has been in compliance with the applicable technical standards.

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

Louis Wu

Approved by: Louis Wu

Sporton International Inc. EMC & Wireless Communications Laboratory
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History of this test report

Report No.	Version	Description	Issue Date
FG3D2501C	01	Initial issue of report	Apr. 18, 2024
FG3D2501C	02	Revise Product Feature This report is an updated version, replacing the report issued on Apr. 18, 2024.	Apr. 22, 2024



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.2	§2.1046	Conducted Output Power	Reporting only	-
	§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) (n70)		
	§27.50 (a)(3)	Effective Isotropic Radiated Power (n30)		
	§90.542 (a)(7)	Effective Radiated Power (n14)		
	§27.50 (j)(3)	Equivalent Isotropic Radiated Power (n77) (n78)		
	§27.50 (k)(3)	Equivalent Isotropic Radiated Power (n77) (n78)		
-	§24.232 (d) §27.50 (d)(5) §27.50 (j)(4) §27.50 (k)(4)	Peak-to-Average Ratio	-	See Note
-	§2.1049	Occupied Bandwidth	-	See Note
-	§2.1051 §22.917 (a) §24.238 (a) §27.53 (c)(2)(4) §27.53 (g) §27.53 (h)	Conducted Band Edge Measurement (n2) (n5) (n12) (n13) (n25) (n26) (n66) (n70) (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
-	§2.1053 §22.917 (a) §24.238 (a) §27.53 (c)(2) §27.53 (f) §27.53 (g) §27.53 (h)	Radiated Spurious Emission (n2) (n5) (n12) (n13) (n25) (n26) (n66) (n70) (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) (n66) (n71)	Pass	15.56 dB under the limit at 9223.00 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:

1. 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.
2. For host device, the Conducted Output Power is no difference after compared to module (Model: RM520N-GL)
3. Testing was conducted on the EUT to compare its antenna gain, which was found to be higher than reported by the module in specific frequency bands. This testing encompassed evaluations of conducted power, ERP/EIRP, and RSE.

Conformity Assessment Condition:

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

Disclaimer:

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

Reviewed by: Wei Chen**Report Producer: Ming Chen**



1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	5G Sub-6 GHz M.2 Module
Brand Name	ZEBRA
Model Name	RM520N-GL
FCC ID	UZ7RM520NGL
Installed into host	Equipment Name: Industrial Fixed RFID Reader Brand Name: ZEBRA Model Name: FXR9011 FCC ID: UZ7FXR9001
Sample 1	FXR90110-400000-WR 4 port (BT/WiFi/RFID/WWAN/GPS)
Sample 2	FXR90111-400000-WR 4+1 port (BT/WiFi/RFID/WWAN/GPS)
Sample 3	FXR90110-800000-WR 8 port (BT/WiFi/RFID/WWAN/GPS)
EUT supports Radios application	WCDMA/HSPA/LTE/5G NR/GNSS
HW Version	DV1
SW Version	0.4.18-90
MFD	26DEC23
EUT Stage	Identical Prototype

Remark: The above EUT's information was declared by manufacturer.

Supported Unit Used in Test Configuration and System for Host				
Cable, 3-way USB Splitter	Brand Name	ZEBRA	Model Name	ADP-USB0010-M12
Cable, USB-C Host, 5ft.	Brand Name	ZEBRA	Model Name	CBL-USBCHST015-M12
Cable, USB-C Host, 15ft.	Brand Name	ZEBRA	Model Name	CBL-USBCHST035-M12
Cable, USB-C Client, 5ft.	Brand Name	ZEBRA	Model Name	CBL-USBCCLT015-M12
Cable, USB-C Client, 15ft.	Brand Name	ZEBRA	Model Name	CBL-USBCCLT035-M12
Cable, USB-A Client, 5ft.	Brand Name	ZEBRA	Model Name	CBL-USBACL015-M12
Cable, USB-A Client, 15ft.	Brand Name	ZEBRA	Model Name	CBL-USBACL035-M12
Cable, GPIO	Brand Name	ZEBRA	Model Name	CBL-GP0050-M12M12A
Cable, 12V (Cigarette Lighter) Power Adapter, 3.5 meter	Brand Name	ZEBRA	Model Name	CBL-PWRD035-M12CL
Cable, DC Power Cord (Flying Leads), 3.5m	Brand Name	ZEBRA	Model Name	CBL-PWRD035-M1200
Cable, DC Power Cord (Flying Leads), 10m	Brand Name	ZEBRA	Model Name	CBL-PWRD100-M1200
Cable, Power Supply Output Adapter, 3.5m	Brand Name	ZEBRA	Model Name	CBL-PWRD035-M12M12
Cable, Power Supply Output Adapter, 10m	Brand Name	ZEBRA	Model Name	CBL-PWRD100-M12M12



Supported Unit Used in Test Configuration and System for Host				
Cable, DC-DC Power Supply Input	Brand Name	ZEBRA	Model Name	CBL-PWRD150-M12M00
Cable, AC-DC Power Supply Input (Flying Leads)	Brand Name	ZEBRA	Model Name	CBL-PWRA150-M1200
Cable, AC-DC Power Supply Input (IEC plug)	Brand Name	ZEBRA	Model Name	CBL-PWRA035-M12IEC
CBL: RF, N STR PLUG TO RP-TNC STR PLUG ON LMR-240, 68", IP67 Sealed	Brand Name	ZEBRA	Model Name	CBLRD-3B4000680R
CBL: RF, N STR PLUG TO RP-TNC STR PLUG ON LMR-240, 180", IP67 Sealed	Brand Name	ZEBRA	Model Name	CBLRD-3B4001800R
CBL: RF, N STR PLUG TO RP-TNC STR PLUG ON LMR-240, 240", IP67 Sealed	Brand Name	ZEBRA	Model Name	CBLRD-3B4002400R
CBL: RF, N STR PLUG TO RP-TNC STR PLUG ON LMR-240, 360", IP67 Sealed	Brand Name	ZEBRA	Model Name	CBLRD-3B4003600R
CBL: RF, N STR PLUG TO RP-TNC STR PLUG ON LMR-240, 68", IP67 Sealed	Brand Name	ZEBRA	Model Name	CBLRD-1B4000680R
CBL: RF, N STR PLUG TO RP-TNC STR PLUG ON LMR-240, 180", IP67 Sealed	Brand Name	ZEBRA	Model Name	CBLRD-1B4001800R
CBL: RF, N STR PLUG TO RP-TNC STR PLUG ON LMR-240, 240", IP67 Sealed	Brand Name	ZEBRA	Model Name	CBLRD-1B4002400R
CBL: RF, N STR PLUG TO RP-TNC STR PLUG ON LMR-240, 360", IP67 Sealed	Brand Name	ZEBRA	Model Name	CBLRD-1B4003600R
CHIMERA ETHERNET CABLE 5M	Brand Name	ZEBRA	Model Name	CBL-ENT00500-M1200
CHIMERA ETHERNET CABLE 15M	Brand Name	ZEBRA	Model Name	CBL-ENT01500-M1200
Outdoor AC-DC PSU	Brand Name	ZEBRA	Model Name	PWR-BGA24V90W0WW (Spec PD-007875-01)
Forklift DC-DC PSU	Brand Name	ZEBRA	Model Name	PWR-BGA24V90W1WW (Spec PD-007876-01)
Indoor AC-DC PSU	Brand Name	ZEBRA	Model Name	PWR-BGA24V78W3WW (Spec PD-007877-01)
PoE adaptor	Brand Name	ZEBRA	Model Name	PD-9001GR/AT/AC



Supported Unit Used in Test Configuration and System for Host				
External RFID Antenna	Brand Name	ZEBRA	Model Name	AN480
External RFID Antenna	Brand Name	ZEBRA	Model Name	AN650
External RFID Antenna	Brand Name	ZEBRA	Model Name	SR5502
External RFID Antenna	Brand Name	ZEBRA	Model Name	AN510
External RFID Antenna	Brand Name	ZEBRA	Model Name	AN520
External RFID Antenna	Brand Name	ZEBRA	Model Name	AN610
External RFID Antenna	Brand Name	ZEBRA	Model Name	AN620
External RFID Antenna	Brand Name	ZEBRA	Model Name	AN720
External RFID Antenna	Brand Name	ZEBRA	Model Name	AN440
External RFID Antenna	Brand Name	ZEBRA	Model Name	SP5504
BT/WLAN_External Antenna	Brand Name	Amphenol	Model Name	ST0228-30-502-A
BT/WLAN_External Antenna	Brand Name	Amphenol	Model Name	ZB511A-02-001-C
AN650 Antenna cable(5ft/1524mm)	Brand Name	ZEBRA	Model Name	CBLRD-1C4000600R
AN650 Antenna cable(20ft/6096mm)	Brand Name	ZEBRA	Model Name	CBLRD-1C4002400R
AN650 Antenna cable(15ft/4572mm)	Brand Name	ZEBRA	Model Name	CBLRD-1C4001800R
AN650 Antenna cable(30ft/9144mm)	Brand Name	ZEBRA	Model Name	CBLRD-1C4003600R
AN650 Antenna cable(10ft/3048mm)	Brand Name	ZEBRA	Model Name	CBLRD-1C4001200R
WWAN_External Antenna	Brand Name	Quectel	Model Name	YB0007BA



Support band and evaluated information	
Supported band	n2, n5, n7, n12, n13, n14, n25, n26, n30, n38, n41, n66, n70, n71, n77, n78
Evaluated and Tested band	n2, n5, n7, n12, n13, n14, n25, n26, n30, n38, n41, n66, n70, n71, n77, n78

FDD/TDD band Power Class				
	PC3	PC2		
N2	V			
N5	V			
N7	V			
N12	V			
N13	V			
N14	V			
N25	V			
N26	V			
N30	V			
N38	V	V		
N41	V	V		
N66	V			
N70	V			
N71	V			
N77	V	V		
N78	V	V		

1.2 Product Specification of Equipment Under Test

Product Specification is subject to this standard	
Tx Frequency	5G NR n2: 1852.5 MHz ~ 1907.5 MHz 5G NR n5: 826.5 MHz ~ 846.5 MHz 5G NR n7: 2502.5 MHz ~ 2567.5 MHz 5G NR n12: 701.5 MHz ~ 713.5 MHz 5G NR n13: 779.5 MHz ~ 784.5 MHz 5G NR n14: 790.5 ~ 795.5 MHz 5G NR n25: 1852.5 MHz ~ 1912.5 MHz 5G NR n26 (Part22H): 826.5 MHz ~ 846.5 MHz 5G NR n26 (Part90S): 816.5 MHz ~ 821.5 MHz 5G NR n30: 2307.5 MHz ~ 2312.5 MHz 5G NR n38: 2575 MHz ~ 2615 MHz 5G NR n41: 2506.02 MHz ~ 2685.00 MHz 5G NR n66: 1712.5 MHz ~ 1777.5 MHz 5G NR n70: 1697.5 MHz ~ 1707.5 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



Product Specification is subject to this standard	
Rx Frequency	5G NR n2: 1932.5 MHz ~ 1987.5 MHz 5G NR n5: 871.5 MHz ~ 891.5 MHz 5G NR n7: 2622.5 MHz ~ 2687.5 MHz 5G NR n12: 731.5 MHz ~ 743.5 MHz 5G NR n13: 748.5 MHz ~ 753.5 MHz 5G NR n14: 760.5 ~ 765.5 MHz 5G NR n25: 1932.5 MHz ~ 1992.5 MHz 5G NR n26 (Part22H): 861.5 MHz ~ 891.5 MHz 5G NR n26 (Part90S): 861.5 MHz ~ 866.5 MHz 5G NR n30: 2352.5 MHz ~ 2357.5 MHz 5G NR n38: 2575 MHz ~ 2615 MHz 5G NR n41: 2506.02 MHz ~ 2685.00 MHz 5G NR n66: 2112.5 MHz ~ 2197.5 MHz 5G NR n70: 1997.5 MHz ~ 2017.5 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
Bandwidth	5G NR n2: 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 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 n70: 5MHz / 10MHz / 15MHz 5G NR n71: 5MHz / 10MHz / 15MHz / 20MHz 5G NR n77: 10MHz / 15MHz / 20MHz 30MHz / 40MHz / 50MHz / 60MHz / 70MHz / 80MHz / 90MHz / 100MHz 5G NR n78: 10MHz / 15MHz / 20MHz / 30MHz / 40MHz / 50MHz / 60MHz / 70MHz / 80MHz / 90MHz / 100MHz
Maximum Output Power to Antenna	5G NR n2: 23.50 dBm 5G NR n7: 23.69 dBm 5G NR n12: 23.68 dBm 5G NR n13: 23.29 dBm 5G NR n14: 23.58 dBm 5G NR n30: 19.13 dBm 5G NR n38: 26.14 dBm 5G NR n41: 26.34 dBm 5G NR n66: 23.36 dBm 5G NR n70: 22.08 dBm 5G NR n71: 23.52 dBm 5G NR n77: 25.04 dBm 5G NR n77: 25.35 dBm for Part27O HPUE 5G NR n78: 25.14 dBm 5G NR n78: 25.28 dBm for Part27Q HPUE
Type of Modulation	PI/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM



1.3 Modification of EUT

No modifications made to the EUT during the testing.

1.4 Testing Location

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978
Test Site No.	Sporton Site No. TH03-HY
Test Engineer	Hank Chen
Temperature (°C)	22.2~28.7
Relative Humidity (%)	49.3~57.6

Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	Sporton Site No. 03CH21HY (TAF Code: 3786)
Test Engineer	Jack Cheng, Ray Lung and Sky Chang
Temperature (°C)	18~26
Relative Humidity (%)	50~70
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.

For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in two config (Ant. Degree 0 and Ant. Degree 90), and adjusting the measurement antenna orientation, following C63.26 exploratory test procedures and only the worst case emissions were reported in this report.

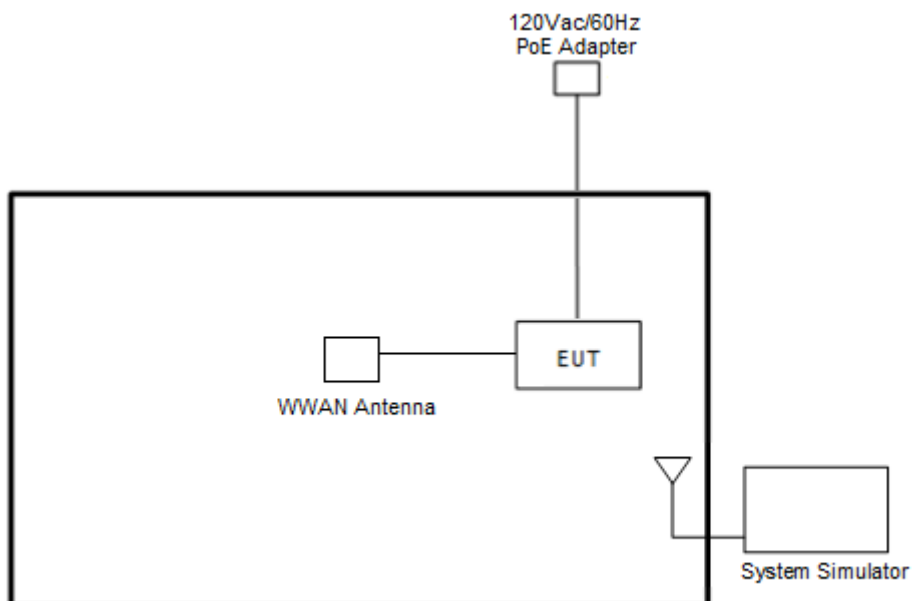
Modulation Type	Modulation	Modulation Type	Modulation
A	DFT-s-OFDM pi/2 BPSK	N/A	N/A
B	DFT-s-OFDM QPSK	F	CP-OFDM QPSK
C	DFT-s-OFDM 16QAM	G	CP-OFDM 16QAM
D	DFT-s-OFDM 64QAM	H	CP-OFDM 64QAM
E	DFT-s-OFDM 256QAM	I	CP-OFDM 256QAM

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

Remark:

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

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.	5G Wireless Test Platform	Anritsu	MT88821C	N/A	N/A	Unshielded, 1.8 m



2.4 Frequency List of Low/Middle/High Channels

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

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



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

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

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



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

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

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



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
25	Channel	344500	349000	353500
	Frequency	1722.5	1745	1767.5
20	Channel	344000	349000	354000
	Frequency	1720	1745	1770
15	Channel	343500	349000	354500
	Frequency	1717.5	1745	1772.5
10	Channel	343000	349000	355000
	Frequency	1715	1745	1775
5	Channel	342500	349000	355500
	Frequency	1712.5	1745	1777.5

5G NR n70 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
15	Channel	-	340500	-
	Frequency	-	1702.5	-
10	Channel	340000	340500	341000
	Frequency	1700	1702.5	1705
5	Channel	339500	340500	341500
	Frequency	1697.5	1702.5	1707.5

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 (Part27O) 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

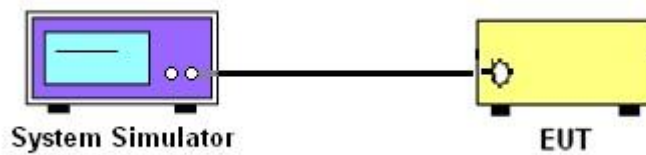
3 Conducted Test Items

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 and n70

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.

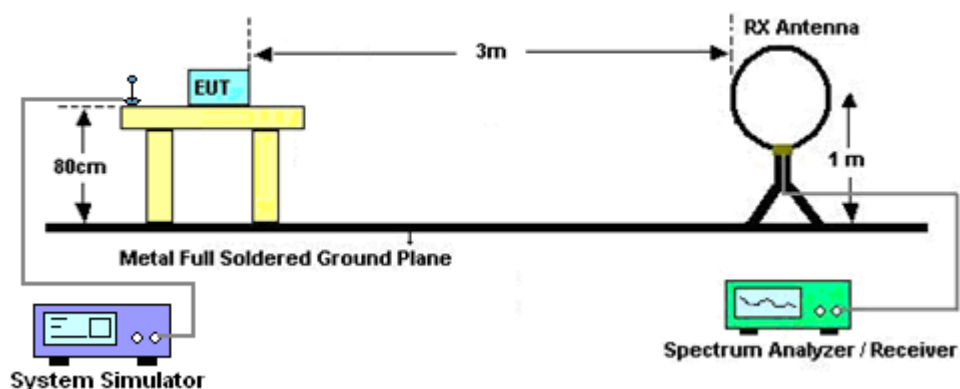
4 Radiated Test Items

4.1 Measuring Instruments

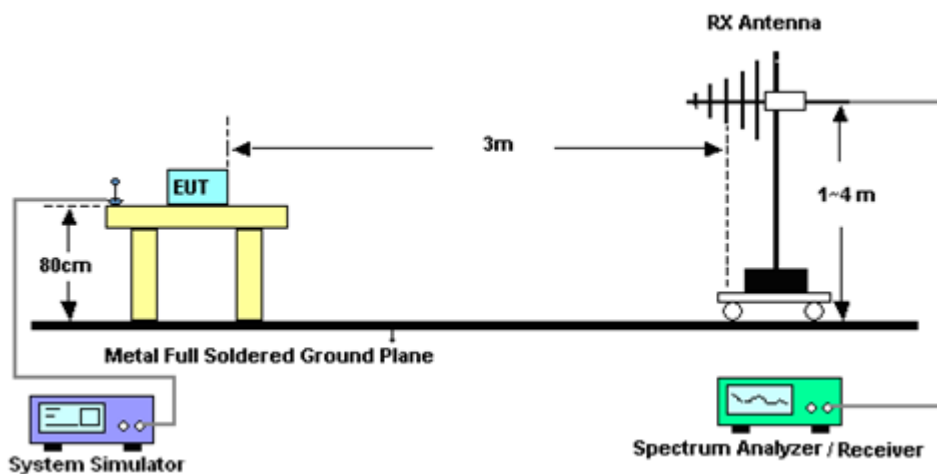
See list of measuring instruments of this test report.

4.1.1 Test Setup

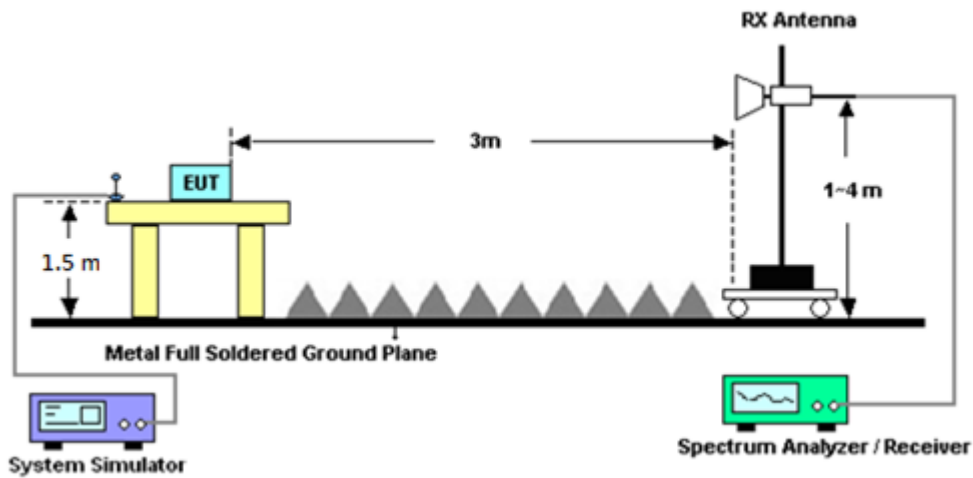
For radiated test below 30MHz



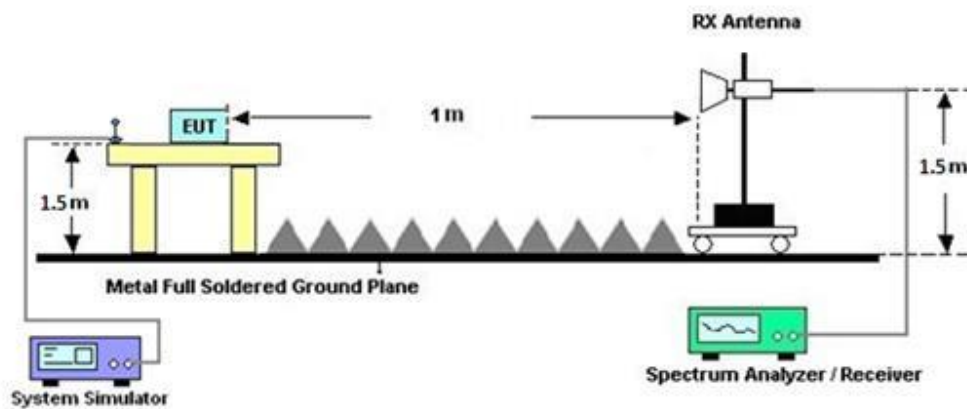
For radiated test from 30MHz to 1GHz



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)
$$\text{EIRP(dBm)} = \text{Level (dBuV/m)} + 20\log(d) - 104.77$$
, where d is the distance at which field strength limit is specified in the rules.
7.
$$\text{Field Strength Level (dBm)} = \text{Spectrum Reading (dBm)} + \text{Antenna Factor} + \text{Cable Loss} + \text{Read Level} - \text{Preamplifier Factor}.$$
8.
$$\text{ERP (dBm)} = \text{EIRP (dBm)} - 2.15$$
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
Hygrometer	Testo	608-H1	34852481	NA	Sep. 14, 2023	Feb. 06, 2024~ Apr. 12, 2024	Sep. 13, 2024	Conducted (TH03-HY)
Base Station (Measure)	Anritsu	MT8821C	6262116725	LTE FDD/TDD LTE-3CC DLCA/2CC ULCA	Oct. 25, 2023	Feb. 06, 2024~ Apr. 12, 2024	Oct. 24, 2024	Conducted (TH03-HY)
Radio Communication Test Station	Anritsu	MT8000A	6272337370	N/A	Nov. 14, 2023	Feb. 06, 2024~ Apr. 12, 2024	Nov. 14, 2024	Conducted (TH03-HY)
LOOP Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Sep. 12, 2023	Feb. 08, 2024~ Mar. 14, 2024	Sep. 11, 2024	Radiation (03CH21-HY)
Bilog Antenna	TESEQ & WOKEN	CBL 6111D & 00802N1D-06	63303 & 001	30MHz~1GHz	Oct. 15, 2023	Feb. 08, 2024~ Mar. 14, 2024	Oct. 14, 2024	Radiation (03CH21-HY)
Double Ridged Guide Horn Antenna	RFSPIN	DRH18-E	LE2C03A18EN	1GHz~18GHz	Jul. 12, 2023	Feb. 08, 2024~ Mar. 14, 2024	Jul. 11, 2024	Radiation (03CH21-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	1223	18GHz~40GHz	Jul. 10, 2023	Feb. 08, 2024~ Mar. 14, 2024	Jul. 09, 2024	Radiation (03CH21-HY)
Amplifier	SONOMA	310N	421580	30MHz~1GHz	Jul. 15, 2023	Feb. 08, 2024~ Mar. 14, 2024	Jul. 14, 2024	Radiation (03CH21-HY)
Amplifier	EMEC	EM01G18GA	060876	1GHz~18GHz	Sep. 28, 2023	Feb. 08, 2024~ Mar. 14, 2024	Sep. 27, 2024	Radiation (03CH21-HY)
Preamplifier	EMEC	EM18G40G	060871	18GHz~40GHz	Aug. 30, 2023	Feb. 08, 2024~ Mar. 14, 2024	Aug. 29, 2024	Radiation (03CH21-HY)
Spectrum Analyzer	Keysight	N9010B	MY62170358	10Hz~44GHz	Aug. 28, 2023	Feb. 08, 2024~ Mar. 14, 2024	Aug. 27, 2024	Radiation (03CH21-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9K~30M	Mar. 07, 2023	Feb. 08, 2024~ Mar. 14, 2024	Mar. 06, 2024	Radiation (03CH21-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9K~30M	Mar. 06, 2024	Feb. 08, 2024~ Mar. 14, 2024	Mar. 05, 2025	Radiation (03CH21-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804397/2,8046 12/2,804614/2	30MHz~40GHz	Oct. 24, 2023	Feb. 08, 2024~ Mar. 14, 2024	Oct. 23, 2024	Radiation (03CH21-HY)
Hygrometer	TECPEL	DTM-303A	TP211568	N/A	Oct. 30, 2023	Feb. 08, 2024~ Mar. 14, 2024	Oct. 29, 2024	Radiation (03CH21-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	Feb. 08, 2024~ Mar. 14, 2024	N/A	Radiation (03CH21-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	Feb. 08, 2024~ Mar. 14, 2024	N/A	Radiation (03CH21-HY)
Turn Table	EMEC	TT 2000	N/A	0~360 Degree	N/A	Feb. 08, 2024~ Mar. 14, 2024	N/A	Radiation (03CH21-HY)
Software	Audix	E3 6.2009-8-24	RK-001053	N/A	N/A	Feb. 08, 2024~ Mar. 14, 2024	N/A	Radiation (03CH21-HY)



6 Measurement Uncertainty

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.04 dB
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Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.68 dB
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Appendix A. Test Results of Conducted Test

Conducted Output Power(Average power) and ERP/EIRP

NR n2 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
5	1	1	PI/2 BPSK	23.33	23.40	23.27	25.45	0.3508		
5	1	23		23.25	23.27	23.31				
5	12	6		23.30	23.31	23.24				
5	1	0		22.84	22.80	22.73				
5	1	24		22.68	22.73	22.74				
5	25	0		22.78	22.81	22.73				
5	1	1	QPSK	23.36	23.37	23.45				
5	1	23		23.20	22.23	23.20				
5	12	6		23.27	23.29	23.24				
5	1	0		22.30	22.36	22.25				
5	1	24		22.41	22.30	22.26				
5	25	0		22.24	22.30	22.23				
5	1	1	16-QAM	22.24	22.25	22.24	24.25	0.2661		
5	1	1	64-QAM	21.05	21.05	21.00				
5	1	1	256-QAM	18.27	18.34	18.24				
Limit	EIRP < 2W			Result			Pass			

NR n2 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK	23.38	23.32	23.41	25.41	0.3475		
10	1	50		23.28	23.35	23.35				
10	25	12		23.33	23.36	23.40				
10	1	0		22.84	22.92	22.91				
10	1	51		22.78	22.71	22.88				
10	50	0		22.82	22.89	22.91				
10	1	1	QPSK	23.41	23.40	23.40				
10	1	50		23.31	23.34	23.35				
10	25	12		23.32	23.37	23.36				
10	1	0		22.45	22.42	22.40				
10	1	51		22.27	22.32	22.31				
10	50	0		22.35	22.38	22.43				
10	1	1	16-QAM	22.29	22.34	22.41	24.41	0.2761		
10	1	1	64-QAM	21.08	21.16	21.14				
10	1	1	256-QAM	18.35	18.41	18.35				
Limit	EIRP < 2W			Result			Pass			



NR n2 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
15	1	1	PI/2 BPSK	23.26	23.50	23.34	25.5	0.3548		
15	1	77		23.43	23.38	23.26				
15	36	18		23.45	23.41	23.29				
15	1	0		22.82	22.92	22.88				
15	1	78		22.93	22.85	22.75				
15	75	0		22.94	22.95	22.81				
15	1	1	QPSK	23.31	23.43	23.49				
15	1	77		23.39	23.37	23.29				
15	36	18		23.44	23.43	23.30				
15	1	0		22.35	22.52	22.34				
15	1	78		22.40	22.52	22.23				
15	75	0		22.50	22.42	22.33				
15	1	1	16-QAM	22.25	22.39	22.26	24.39	0.2748		
15	1	1	64-QAM	21.03	21.10	21.11				
15	1	1	256-QAM	18.35	18.38	18.33				
Limit	EIRP < 2W			Result			Pass			

NR n2 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
20	1	1	PI/2 BPSK	23.37	23.43	23.44	25.49	0.354		
20	1	104		23.42	23.32	23.31				
20	50	25		23.41	23.44	23.36				
20	1	0		22.86	22.97	22.91				
20	1	105		23.00	22.87	22.84				
20	100	0		22.97	22.90	22.87				
20	1	1	QPSK	23.34	23.49	23.44				
20	1	104		23.49	23.42	23.30				
20	50	25		23.48	23.45	23.40				
20	1	0		22.35	22.47	22.38				
20	1	105		22.47	22.36	22.34				
20	100	0		22.48	22.46	22.40				
20	1	1	16-QAM	22.27	22.41	22.29	24.41	0.2761		
20	1	1	64-QAM	21.11	21.17	21.07				
20	1	1	256-QAM	18.34	18.45	18.41				
Limit	EIRP < 2W			Result			Pass			



FCC RADIO TEST REPORT

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NR n7 Maximum Average Power [dBm] (GT - LC = 1.9 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
5	1	1	PI/2 BPSK	23.09	23.29	23.13	25.19	0.3304		
5	1	23		23.07	23.27	23.11				
5	12	6		23.20	23.27	23.16				
5	1	0		22.60	22.70	22.50				
5	1	24		22.63	22.77	22.64				
5	25	0		22.68	22.74	22.66				
5	1	1	QPSK	23.15	23.24	23.11				
5	1	23		23.14	23.22	23.20				
5	12	6		23.13	23.19	23.13				
5	1	0		22.21	22.36	22.15				
5	1	24		22.32	22.21	22.16				
5	25	0		22.21	22.23	22.17				
5	1	1	16-QAM	22.05	22.20	22.04	24.1	0.257		
5	1	1	64-QAM	20.85	20.95	20.85				
5	1	1	256-QAM	18.09	18.14	18.10				
Limit	EIRP < 2W			Result			Pass			

NR n7 Maximum Average Power [dBm] (GT - LC = 1.9 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK	23.15	23.25	23.08	25.2	0.3311		
10	1	50		23.24	23.30	23.15				
10	25	12		23.17	23.26	23.23				
10	1	0		22.65	22.75	22.58				
10	1	51		22.75	22.78	22.61				
10	50	0		22.69	2.76	22.72				
10	1	1	QPSK	23.19	23.22	23.16				
10	1	50		23.18	23.28	23.21				
10	25	12		23.21	23.29	23.16				
10	1	0		22.13	22.24	22.15				
10	1	51		22.21	22.42	22.20				
10	50	0		22.26	22.26	22.18				
10	1	1	16-QAM	22.03	22.18	22.05	24.08	0.2559		
10	1	1	64-QAM	20.90	20.94	20.89				
10	1	1	256-QAM	18.13	18.21	18.07				
Limit	EIRP < 2W			Result			Pass			



NR n7 Maximum Average Power [dBm] (GT - LC = 1.9 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
15	1	1	PI/2 BPSK	23.48	23.38	23.29	25.38	0.3451		
15	1	77		23.44	23.26	23.36				
15	36	18		23.42	23.46	23.34				
15	1	0		22.91	22.82	22.80				
15	1	78		22.90	22.83	22.85				
15	75	0		22.88	22.92	22.85				
15	1	1	QPSK	23.46	23.47	23.29				
15	1	77		23.38	23.43	23.25				
15	36	18		23.45	23.46	23.36				
15	1	0		22.60	22.43	22.28				
15	1	78		22.40	22.45	22.45				
15	75	0		22.48	22.48	22.34				
15	1	1	16-QAM	22.31	22.33	22.15	24.23	0.2649		
15	1	1	64-QAM	21.08	21.17	21.00				
15	1	1	256-QAM	18.43	18.41	18.22				
Limit	EIRP < 2W			Result			Pass			

NR n7 Maximum Average Power [dBm] (GT - LC = 1.9 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
20	1	1	PI/2 BPSK	23.46	23.45	23.33	25.36	0.3436		
20	1	104		23.37	23.42	23.33				
20	50	25		23.43	23.46	23.37				
20	1	0		22.90	22.87	22.79				
20	1	105		22.85	22.83	22.81				
20	100	0		22.92	22.91	22.79				
20	1	1	QPSK	23.45	23.41	23.37				
20	1	104		23.44	23.41	23.35				
20	50	25		23.41	23.45	23.34				
20	1	0		22.46	22.52	22.42				
20	1	105		22.43	22.41	22.32				
20	100	0		22.46	22.42	22.35				
20	1	1	16-QAM	22.37	22.35	22.19	24.27	0.2673		
20	1	1	64-QAM	21.12	21.10	21.02				
20	1	1	256-QAM	18.39	18.35	18.31				
Limit	EIRP < 2W			Result			Pass			



NR n7 Maximum Average Power [dBm] (GT - LC = 1.9 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
25	1	1	PI/2 BPSK	23.69	23.65	23.61	25.59	0.3622		
25	1	131		23.65	23.61	23.58				
25	64	32		23.62	23.64	23.57				
25	1	0		23.17	23.07	23.05				
25	1	132		23.10	23.09	23.08				
25	128	0		23.07	23.07	23.04				
25	1	1	QPSK	23.62	23.67	23.63				
25	1	131		23.68	23.66	23.57				
25	64	32		23.60	23.63	23.52				
25	1	0		22.62	22.69	22.65				
25	1	132		22.75	22.57	22.69				
25	128	0		22.64	22.61	22.52				
25	1	1	16-QAM	22.62	22.60	22.51	24.52	0.2831		
25	1	1	64-QAM	21.25	21.31	21.20				
25	1	1	256-QAM	18.57	18.57	18.45				
Limit	EIRP < 2W			Result			Pass			

NR n7 Maximum Average Power [dBm] (GT - LC = 1.9 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
30	1	1	PI/2 BPSK	23.42	23.42	23.44	25.46	0.3516		
30	1	158		23.49	23.49	23.46				
30	80	40		23.43	23.46	23.48				
30	1	0		22.93	22.93	22.94				
30	1	159		22.97	23.00	22.97				
30	160	0		23.04	23.01	23.00				
30	1	1	QPSK	23.48	23.48	23.52				
30	1	158		23.56	23.43	23.52				
30	80	40		23.41	23.50	23.49				
30	1	0		22.45	22.43	22.54				
30	1	159		22.58	22.61	22.52				
30	160	0		22.45	22.53	22.51				
30	1	1	16-QAM	22.30	22.38	22.41	24.31	0.2698		
30	1	1	64-QAM	21.17	21.18	21.18				
30	1	1	256-QAM	18.40	18.47	18.45				
Limit	EIRP < 2W			Result			Pass			



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NR n7 Maximum Average Power [dBm] (GT - LC = 1.9 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
40	1	1	PI/2 BPSK	23.44	23.47	23.53	25.48	0.3532		
40	1	214		23.51	23.35	23.45				
40	108	54		23.44	23.52	23.48				
40	1	0		22.95	22.83	22.96				
40	1	215		23.00	22.85	23.03				
40	216	0		22.85	23.03	22.96				
40	1	1	QPSK	23.37	23.58	23.48				
40	1	214		23.51	23.42	23.47				
40	108	54		23.43	23.55	23.48				
40	1	0		22.40	22.38	22.56				
40	1	215		22.60	22.47	22.49				
40	216	0		22.43	22.50	22.51				
40	1	1	16-QAM	22.33	22.29	22.39	24.29	0.2685		
40	1	1	64-QAM	21.06	21.07	21.15				
40	1	1	256-QAM	18.37	18.43	18.52				
Limit	EIRP < 2W			Result			Pass			



NR n12 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	23.34	23.49	23.43	22.24	0.1675		
5	1	23		23.27	23.45	23.37				
5	12	6		23.42	23.47	23.38				
5	1	0		22.82	22.95	22.84				
5	1	24		22.78	22.91	22.89				
5	25	0		22.94	22.95	22.85				
5	1	1	QPSK	23.47	23.47	23.38				
5	1	23		22.34	23.44	23.34				
5	12	6		23.45	23.48	23.42				
5	1	0		22.45	22.40	22.37				
5	1	24		22.35	22.46	22.31				
5	25	0		22.45	22.48	22.39				
5	1	1	16-QAM	22.37	22.37	23.36	22.11	0.1626		
5	1	1	64-QAM	21.15	21.07	21.03				
5	1	1	256-QAM	18.40	18.36	18..36				
Limit	ERP < 3W			Result			Pass			

NR n12 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	23.50	23.45	23.48	22.25	0.1679		
10	1	50		23.44	23.42	23.35				
10	25	12		23.36	23.44	23.40				
10	1	0		23.00	22.92	22.96				
10	1	51		22.89	22.89	22.85				
10	50	0		22.89	22.91	22.91				
10	1	1	QPSK	23.49	23.42	23.43				
10	1	50		23.43	23.38	23.35				
10	25	12		23.37	23.44	23.37				
10	1	0		22.51	22.48	22.36				
10	1	51		22.39	22.36	22.30				
10	50	0		22.45	22.39	22.41				
10	1	1	16-QAM	22.43	22.42	22.54	21.29	0.1346		
10	1	1	64-QAM	21.14	21.17	21.25				
10	1	1	256-QAM	18.40	18.32	18.43				
Limit	ERP < 3W			Result			Pass			



NR n12 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	23.64	23.63	23.68	22.43	0.175		
15	1	77		23.50	23.45	23.40				
15	36	18		23.59	23.51	23.47				
15	1	0		23.14	23.13	23.05				
15	1	78		22.96	22.94	22.83				
15	75	0		23.00	23.04	22.96				
15	1	1	QPSK	23.63	23.62	23.54				
15	1	77		23.41	23.38	23.38				
15	36	18		23.51	23.47	23.47				
15	1	0		22.64	22.62	22.53				
15	1	78		22.40	22.40	22.44				
15	75	0		22.58	22.51	22.51				
15	1	1	16-QAM	22.61	22.44	22.43	21.36	0.1368		
15	1	1	64-QAM	21.41	21.22	21.21				
15	1	1	256-QAM	18.61	18.57	18.52				
Limit	ERP < 3W			Result			Pass			



NR n13 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	23.02	23.22	23.15	22.02	0.1592		
5	1	23		23.11	23.21	23.27				
5	12	6		23.14	23.10	23.22				
5	1	0		22.58	22.68	22.68				
5	1	24		22.62	22.69	22.77				
5	25	0		22.67	22.66	22.69				
5	1	1	QPSK	22.99	23.23	23.13				
5	1	23		23.16	23.19	23.20				
5	12	6		23.01	23.13	23.18				
5	1	0		22.09	22.23	22.17				
5	1	24		22.12	22.19	22.19				
5	25	0		22.11	22.15	22.16				
5	1	1	16-QAM	22.02	22.17	22.22	20.97	0.125		
5	1	1	64-QAM	20.86	20.96	20.87				
5	1	1	256-QAM	18.02	18.16	18.06				
Limit	ERP < 3W			Result			Pass			

NR n13 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	-	23.10	-	22.04	0.16		
10	1	50		-	23.25	-				
10	25	12		-	23.29	-				
10	1	0		-	22.63	-				
10	1	51		-	22.78	-				
10	50	0		-	22.84	-				
10	1	1	QPSK	-	23.09	-				
10	1	50		-	23.28	-				
10	25	12		-	23.19	-				
10	1	0		-	22.15	-				
10	1	51		-	22.27	-				
10	50	0		-	22.19	-				
10	1	1	16-QAM	-	22.10	-	20.85	0.1216		
10	1	1	64-QAM	-	20.98	-				
10	1	1	256-QAM	-	18.06	-				
Limit	ERP < 3W			Result			Pass			



NR n14 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	23.53	23.47	23.47	22.29	0.1694		
5	1	23		23.38	23.39	23.40				
5	12	6		23.51	23.43	23.48				
5	1	0		23.09	23.02	22.98				
5	1	24		22.87	22.92	22.84				
5	25	0		23.05	22.98	22.96				
5	1	1	QPSK	23.54	23.50	23.41				
5	1	23		23.43	23.45	23.35				
5	12	6		23.47	23.37	23.45				
5	1	0		22.59	22.52	22.49				
5	1	24		22.36	22.42	22.39				
5	25	0		22.53	22.37	22.42				
5	1	1	16-QAM	22.37	22.47	22.49	21.24	0.133		
5	1	1	64-QAM	21.23	21.19	21.18				
5	1	1	256-QAM	18.47	18.47	18.38				
Limit	ERP < 3W			Result			Pass			

NR n14 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	-	23.58	-	22.33	0.171		
10	1	50		-	23.32	-				
10	25	12		-	23.47	-				
10	1	0		-	23.09	-				
10	1	51		-	22.83	-				
10	50	0		-	22.95	-				
10	1	1	QPSK	-	23.56	-				
10	1	50		-	23.29	-				
10	25	12		-	23.42	-				
10	1	0		-	22.59	-				
10	1	51		-	22.37	-				
10	50	0		-	22.43	-				
10	1	1	16-QAM	-	22.48	-	21.23	0.1327		
10	1	1	64-QAM	-	21.34	-				
10	1	1	256-QAM	-	18.42	-				
Limit	ERP < 3W			Result			Pass			



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NR n30 Maximum Average Power [dBm] (GT - LC = 1.9 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
5	1	1	PI/2 BPSK	18.92	19.00	18.84	21.01	0.1262		
5	1	23		18.87	18.90	18.89				
5	12	6		18.96	18.95	19.11				
5	1	0		18.47	18.42	18.46				
5	1	24		18.41	18.41	18.41				
5	25	0		18.43	18.48	18.49				
5	1	1	QPSK	18.95	18.91	18.93				
5	1	23		18.80	18.91	18.92				
5	12	6		18.94	19.00	18.95				
5	1	0		18.00	17.95	18.00				
5	1	24		17.91	17.93	17.86				
5	25	0		18.00	17.93	17.95				
5	1	1	16-QAM	17.97	17.84	17.89	19.87	0.0971		
5	1	1	64-QAM	16.64	16.66	16.71				
5	1	1	256-QAM	13.91	13.91	13.96				
Limit	EIRP < 250 mW/5MHz			Result			Pass			

NR n30 Maximum Average Power [dBm] (GT - LC = 1.9 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK	-	19.13	-	21.03	0.1268		
10	1	50		-	18.90	-				
10	25	12		-	19.11	-				
10	1	0		-	18.54	-				
10	1	51		-	18.40	-				
10	50	0		-	18.42	-				
10	1	1	QPSK	-	19.04	-				
10	1	50		-	18.85	-				
10	25	12		-	19.06	-				
10	1	0		-	18.03	-				
10	1	51		-	17.91	-				
10	50	0		-	17.96	-				
10	1	1	16-QAM	-	18.10	-	20	0.1		
10	1	1	64-QAM	-	16.71	-				
10	1	1	256-QAM	-	13.95	-				
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 = 1.9 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK	25.65	25.74	25.68	27.72	0.5916		
10	1	22		25.63	25.77	25.58				
10	12	6		25.63	25.79	25.68				
10	1	0		25.19	25.24	25.14				
10	1	23		25.07	25.28	25.09				
10	24	0		25.14	25.28	25.18				
10	1	1	QPSK	25.59	25.71	25.60				
10	1	22		25.57	25.71	25.54				
10	12	6		25.64	25.82	25.67				
10	1	0		24.63	24.69	24.63				
10	1	23		24.60	24.72	24.55				
10	24	0		24.66	24.80	24.67				
10	1	1	16-QAM	24.74	24.86	24.80	26.76	0.4742		
10	1	1	64-QAM	23.23	23.29	23.26				
10	1	1	256-QAM	20.89	21.05	20.94				
Limit	EIRP < 2W			Result			Pass			

NR n38 Maximum Average Power [dBm] (GT - LC = 1.9 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
15	1	1	PI/2 BPSK	25.88	25.89	26.00	27.9	0.6166		
15	1	36		25.91	25.96	25.88				
15	18	9		25.93	25.96	25.96				
15	1	0		25.39	25.31	25.46				
15	1	37		25.39	25.39	25.33				
15	36	0		25.43	25.46	25.48				
15	1	1	QPSK	25.83	25.85	25.93				
15	1	36		25.88	25.95	25.81				
15	18	9		25.90	25.91	25.95				
15	1	0		24.82	24.89	24.93				
15	1	37		24.86	24.90	24.78				
15	36	0		24.96	24.93	25.01				
15	1	1	16-QAM	25.01	24.94	25.08	26.98	0.4989		
15	1	1	64-QAM	23.45	23.42	23.56				
15	1	1	256-QAM	21.20	21.19	21.26				
Limit	EIRP < 2W			Result			Pass			



NR n38 Maximum Average Power [dBm] (GT - LC = 1.9 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
20	1	1	PI/2 BPSK	25.89	25.83	25.96	27.9	0.6166		
20	1	49		25.95	25.88	25.80				
20	25	12		26.00	25.95	25.99				
20	1	0		25.41	25.32	25.43				
20	1	50		25.47	25.40	25.28				
20	50	0		25.52	25.43	25.46				
20	1	1	QPSK	25.84	25.83	25.94				
20	1	49		25.89	25.93	25.78				
20	25	12		25.96	25.91	25.97				
20	1	0		24.86	24.85	24.98				
20	1	50		24.94	24.89	24.82				
20	50	0		24.99	24.91	24.96				
20	1	1	16-QAM	25.00	25.02	25.06	26.96	0.4966		
20	1	1	64-QAM	23.52	23.50	23.51				
20	1	1	256-QAM	21.20	21.13	21.30				
Limit	EIRP < 2W			Result			Pass			



NR n38 Maximum Average Power [dBm] (GT - LC = 1.9 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
30	1	1	PI/2 BPSK	25.88	25.87	25.98	27.99	0.6295		
30	1	76		26.08	26.09	25.92				
30	36	18		25.86	26.01	25.91				
30	1	0		25.37	25.42	25.46				
30	1	77		25.56	25.53	25.35				
30	75	0		25.41	25.53	25.47				
30	1	1	QPSK	25.81	25.79	25.96				
30	1	76		26.05	25.98	25.87				
30	36	18		25.89	25.95	25.93				
30	1	0		24.89	24.82	24.96				
30	1	77		25.07	25.00	24.81				
30	75	0		24.92	25.03	24.96				
30	1	1	16-QAM	25.03	24.96	25.22	27.12	0.5152		
30	1	1	64-QAM	23.48	23.39	23.59				
30	1	1	256-QAM	21.18	21.10	21.26				
Limit	EIRP < 2W			Result			Pass			

NR n38 Maximum Average Power [dBm] (GT - LC = 1.9 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
40	1	1	PI/2 BPSK	25.96	25.91	26.07	28.04	0.6368		
40	1	104		26.06	26.04	26.03				
40	50	25		26.14	26.06	26.12				
40	1	0		25.45	25.36	25.52				
40	1	105		25.59	25.48	25.48				
40	100	0		25.45	25.57	25.60				
40	1	1	QPSK	25.92	25.84	25.92				
40	1	104		26.12	25.98	25.98				
40	50	25		26.13	26.04	26.12				
40	1	0		24.95	24.90	25.04				
40	1	105		25.13	25.03	25.03				
40	100	0		25.13	25.07	25.15				
40	1	1	16-QAM	25.12	24.97	25.18	27.08	0.5105		
40	1	1	64-QAM	23.64	23.44	23.60				
40	1	1	256-QAM	21.25	21.17	21.30				
Limit	EIRP < 2W			Result			Pass			



FCC RADIO TEST REPORT

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NR n41 Maximum Average Power [dBm] (GT - LC = 1.9 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
20	1	1	PI/2 BPSK	26.06	26.01	25.83	28.03	0.6353		
20	1	49		25.99	26.13	25.79				
20	25	12		26.07	26.09	25.85				
20	1	0		22.61	22.53	22.28				
20	1	50		22.53	22.71	22.21				
20	50	0		23.62	23.59	23.34				
20	1	1	QPSK	26.04	25.99	25.73				
20	1	49		25.92	26.13	25.63				
20	25	12		26.08	26.09	25.83				
20	1	0		22.55	22.45	22.31				
20	1	50		22.47	22.59	22.32				
20	50	0		23.11	23.11	22.86				
20	1	1	16-QAM	25.19	25.11	24.89	27.09	0.5117		
20	1	1	64-QAM	23.63	23.60	23.35				
20	1	1	256-QAM	21.42	21.36	21.08				
Limit	EIRP < 2W			Result			Pass			



NR n41 Maximum Average Power [dBm] (GT - LC = 1.9 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
30	1	1	PI/2 BPSK	26.19	26.11	26.03	28.2	0.6607		
30	1	76		26.21	26.30	26.03				
30	36	18		26.08	26.14	25.92				
30	1	0		22.69	22.64	22.67				
30	1	77		22.71	22.82	22.47				
30	75	0		23.65	23.70	23.50				
30	1	1	QPSK	26.09	26.11	25.98				
30	1	76		26.21	26.28	25.89				
30	36	18		26.13	26.14	25.99				
30	1	0		22.63	22.63	22.58				
30	1	77		22.74	22.82	22.35				
30	75	0		23.21	23.17	22.97				
30	1	1	16-QAM	25.23	25.23	25.10	27.13	0.5164		
30	1	1	64-QAM	23.75	23.71	23.58				
30	1	1	256-QAM	21.44	21.32	21.24				
Limit	EIRP < 2W			Result			Pass			

NR n41 Maximum Average Power [dBm] (GT - LC = 1.9 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
40	1	1	PI/2 BPSK	26.18	26.16	26.13	28.24	0.6668		
40	1	104		26.20	26.34	25.93				
40	50	25		25.97	26.20	25.94				
40	1	0		22.68	22.68	22.63				
40	1	105		22.71	22.83	22.41				
40	100	0		23.59	23.70	23.47				
40	1	1	QPSK	26.08	26.17	26.10				
40	1	104		26.20	26.20	25.88				
40	50	25		26.01	26.20	25.91				
40	1	0		22.65	22.67	22.71				
40	1	105		22.71	22.79	22.52				
40	100	0		23.06	23.23	23.01				
40	1	1	16-QAM	25.20	25.24	25.29	27.19	0.5236		
40	1	1	64-QAM	23.76	23.71	23.78				
40	1	1	256-QAM	21.41	21.43	21.43				
Limit	EIRP < 2W			Result			Pass			



NR n41 Maximum Average Power [dBm] (GT - LC = 1.9 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
50	1	1	PI/2 BPSK	26.10	26.06	26.08	28.04	0.6368		
50	1	131		26.14	26.08	25.85				
50	64	32		26.12	26.11	25.92				
50	1	0		22.62	22.62	22.61				
50	1	132		22.68	22.61	22.35				
50	128	0		23.67	23.61	23.46				
50	1	1	QPSK	26.07	26.01	25.89				
50	1	131		26.10	26.09	25.74				
50	64	32		26.11	26.10	25.89				
50	1	0		22.61	22.57	22.48				
50	1	132		22.65	22.58	22.29				
50	128	0		23.17	23.10	22.97				
50	1	1	16-QAM	25.24	25.17	25.02	27.14	0.5176		
50	1	1	64-QAM	23.71	23.67	23.50				
50	1	1	256-QAM	21.40	21.33	21.29				
Limit	EIRP < 2W			Result			Pass			

NR n41 Maximum Average Power [dBm] (GT - LC = 1.9 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
60	1	1	PI/2 BPSK	25.98	26.06	25.87	28.01	0.6324		
60	1	160		26.05	25.90	25.78				
60	81	40		26.04	26.10	25.88				
60	1	0		22.43	22.54	22.43				
60	1	161		22.51	22.41	22.29				
60	162	0		23.59	23.55	23.42				
60	1	1	QPSK	25.85	25.99	25.90				
60	1	160		25.92	25.82	25.74				
60	81	40		26.01	26.11	25.87				
60	1	0		22.50	22.55	22.38				
60	1	161		22.54	22.41	22.24				
60	162	0		23.07	23.12	22.91				
60	1	1	16-QAM	25.06	25.10	25.05	27	0.5012		
60	1	1	64-QAM	23.55	23.58	23.50				
60	1	1	256-QAM	21.31	21.33	21.20				
Limit	EIRP < 2W			Result			Pass			



NR n41 Maximum Average Power [dBm] (GT - LC = 1.9 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
70	1	1	PI/2 BPSK	25.84	25.93	25.74	27.89	0.6152		
70	1	187		25.77	25.75	25.57				
70	90	45		25.93	25.99	25.67				
70	1	0		22.43	22.43	22.27				
70	1	188		22.32	22.25	22.08				
70	180	0		23.45	23.51	23.19				
70	1	1	QPSK	25.90	25.86	25.69				
70	1	187		25.71	25.68	25.53				
70	90	45		25.93	25.91	25.67				
70	1	0		22.37	22.42	22.22				
70	1	188		22.26	22.21	21.99				
70	180	0		22.99	23.01	22.73				
70	1	1	16-QAM	25.01	24.94	24.84	26.91	0.4909		
70	1	1	64-QAM	23.54	23.47	23.34				
70	1	1	256-QAM	21.14	21.14	21.02				
Limit	EIRP < 2W			Result			Pass			

NR n41 Maximum Average Power [dBm] (GT - LC = 1.9 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
80	1	1	PI/2 BPSK	25.75	25.91	25.80	27.93	0.6209		
80	1	215		25.73	25.79	25.58				
80	108	54		25.80	26.03	25.84				
80	1	0		22.28	22.45	22.32				
80	1	216		22.29	22.30	22.07				
80	216	0		23.32	23.50	23.32				
80	1	1	QPSK	25.68	25.89	25.77				
80	1	215		25.74	25.71	25.58				
80	108	54		25.83	26.03	25.83				
80	1	0		22.24	22.38	22.31				
80	1	216		22.28	22.26	22.07				
80	216	0		22.88	23.00	22.81				
80	1	1	16-QAM	24.86	25.08	24.91	26.98	0.4989		
80	1	1	64-QAM	23.31	23.49	23.37				
80	1	1	256-QAM	21.01	21.21	21.08				
Limit	EIRP < 2W			Result			Pass			



NR n41 Maximum Average Power [dBm] (GT - LC = 1.9 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
90	1	1	PI/2 BPSK	25.84	25.83	25.90	27.86	0.6109		
90	1	243		25.74	25.76	25.46				
90	120	60		25.90	25.92	25.96				
90	1	0		22.37	22.34	22.40				
90	1	244		22.29	22.28	22.00				
90	243	0		23.37	23.46	23.37				
90	1	1	QPSK	25.79	25.78	25.94				
90	1	243		25.69	25.76	25.44				
90	120	60		25.94	25.92	25.95				
90	1	0		22.32	22.32	22.44				
90	1	244		22.26	22.23	21.98				
90	243	0		22.89	22.98	22.93				
90	1	1	16-QAM	24.91	24.91	25.05	26.95	0.4955		
90	1	1	64-QAM	23.38	23.39	23.48				
90	1	1	256-QAM	21.11	21.10	21.18				
Limit	EIRP < 2W			Result			Pass			

NR n41 Maximum Average Power [dBm] (GT - LC = 1.9 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
100	1	1	PI/2 BPSK	25.80	25.88	25.72	27.81	0.6039		
100	1	271		25.86	25.76	25.57				
100	135	67		25.78	25.91	25.83				
100	1	0		22.32	22.38	22.28				
100	1	272		22.37	22.38	22.07				
100	270	0		23.33	23.43	23.28				
100	1	1	QPSK	25.74	25.76	25.67				
100	1	271		25.87	25.71	25.53				
100	135	67		25.83	25.90	25.84				
100	1	0		22.34	22.34	22.25				
100	1	272		22.38	22.19	22.03				
100	270	0		22.83	22.92	22.78				
100	1	1	16-QAM	24.91	24.91	24.84	26.81	0.4797		
100	1	1	64-QAM	23.32	23.36	23.32				
100	1	1	256-QAM	21.11	21.12	21.12				
Limit	EIRP < 2W			Result			Pass			



NR n66 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
5	1	1	PI/2 BPSK	23.02	23.07	23.01	25.07	0.3214		
5	1	23		22.98	23.01	22.93				
5	12	6		23.00	22.99	22.95				
5	1	0		22.54	22.53	22.43				
5	1	24		22.47	22.51	22.44				
5	25	0		22.47	22.52	22.44				
5	1	1	QPSK	23.00	23.07	23.04				
5	1	23		22.99	23.04	22.95				
5	12	6		22.95	22.96	22.95				
5	1	0		22.03	22.04	21.98				
5	1	24		22.04	22.02	21.98				
5	25	0		22.03	22.01	21.95				
5	1	1	16-QAM	21.99	21.95	21.97	23.99	0.2506		
5	1	1	64-QAM	20.77	20.78	20.63				
5	1	1	256-QAM	18.05	18.05	18.02				
Limit	EIRP < 1W			Result			Pass			

NR n66 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK	22.99	23.04	23.02	25.09	0.3228		
10	1	50		23.08	22.98	22.92				
10	25	12		23.04	23.09	23.05				
10	1	0		22.52	22.54	22.50				
10	1	51		22.58	22.47	22.44				
10	50	0		22.51	22.53	22.49				
10	1	1	QPSK	22.99	22.99	22.95				
10	1	50		23.03	22.97	22.94				
10	25	12		23.00	23.02	22.98				
10	1	0		22.03	22.00	22.01				
10	1	51		22.03	22.07	21.91				
10	50	0		22.02	22.06	22.02				
10	1	1	16-QAM	21.98	21.97	21.97	23.98	0.25		
10	1	1	64-QAM	20.73	20.82	20.62				
10	1	1	256-QAM	17.97	18.03	17.94				
Limit	EIRP < 1W			Result			Pass			



NR n66 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
15	1	1	PI/2 BPSK	23.22	23.15	23.15	25.36	0.3436		
15	1	77		23.28	23.14	23.05				
15	36	18		23.18	23.13	23.08				
15	1	0		22.71	22.65	22.64				
15	1	78		22.71	22.67	22.60				
15	75	0		22.72	22.69	22.63				
15	1	1	QPSK	23.24	23.20	23.17				
15	1	77		23.36	23.18	23.09				
15	36	18		23.22	23.19	23.10				
15	1	0		22.25	22.18	22.19				
15	1	78		22.34	22.15	22.11				
15	75	0		22.21	22.19	22.12				
15	1	1	16-QAM	22.18	22.01	22.11	24.18	0.2618		
15	1	1	64-QAM	20.94	20.90	20.73				
15	1	1	256-QAM	18.32	18.10	18.17				
Limit	EIRP < 1W			Result			Pass			

NR n66 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
20	1	1	PI/2 BPSK	23.24	23.14	23.09	25.26	0.3357		
20	1	104		23.25	23.07	23.09				
20	50	25		23.16	23.15	23.17				
20	1	0		22.70	22.62	22.69				
20	1	105		22.69	22.57	22.52				
20	100	0		22.69	22.66	22.69				
20	1	1	QPSK	23.21	23.18	23.12				
20	1	104		23.26	23.15	23.14				
20	50	25		23.22	23.10	23.17				
20	1	0		22.24	22.15	22.10				
20	1	105		22.23	22.16	22.13				
20	100	0		22.18	22.19	22.17				
20	1	1	16-QAM	22.05	22.10	22.10	24.1	0.257		
20	1	1	64-QAM	20.92	20.87	20.77				
20	1	1	256-QAM	18.24	18.11	18.11				
Limit	EIRP < 1W			Result			Pass			



NR n66 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
30	1	1	PI/2 BPSK	23.10	23.14	23.14	25.28	0.3373		
30	1	158		23.14	23.18	23.10				
30	80	40		23.18	23.28	23.16				
30	1	0		22.61	22.59	22.60				
30	1	159		22.60	22.67	22.59				
30	160	0		22.82	22.81	22.66				
30	1	1	QPSK	23.12	23.14	23.15				
30	1	158		23.15	23.16	23.15				
30	80	40		23.28	23.26	23.18				
30	1	0		22.16	22.09	22.16				
30	1	159		22.16	22.23	22.14				
30	160	0		22.27	22.32	22.18				
30	1	1	16-QAM	22.08	22.04	22.12	24.12	0.2582		
30	1	1	64-QAM	20.83	20.78	20.76				
30	1	1	256-QAM	18.27	18.32	18.26				
Limit	EIRP < 1W			Result			Pass			



NR n66 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
40	1	1	PI/2 BPSK	23.09	23.13	23.08	25.29	0.3381		
40	1	214		23.16	23.15	23.06				
40	108	54		23.19	23.29	23.21				
40	1	0		22.54	22.60	22.62				
40	1	215		22.62	22.64	22.58				
40	216	0		22.70	22.76	22.67				
40	1	1	QPSK	23.15	23.10	23.15				
40	1	214		23.18	23.16	23.09				
40	108	54		23.26	23.29	23.20				
40	1	0		22.09	22.13	22.08				
40	1	215		22.16	22.19	22.02				
40	216	0		22.25	22.29	22.16				
40	1	1	16-QAM	22.03	22.06	21.99	24.06	0.2547		
40	1	1	64-QAM	20.82	20.91	20.93				
40	1	1	256-QAM	18.27	18.42	18.27				
Limit	EIRP < 1W			Result			Pass			



NR n70 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
5	1	1	PI/2 BPSK	21.88	21.93	21.92	21.83	0.1524		
5	1	23		21.88	21.94	21.78				
5	12	6		21.86	21.87	21.90				
5	1	0		21.38	21.38	21.43				
5	1	24		21.41	21.43	21.28				
5	25	0		21.43	21.44	21.38				
5	1	1	QPSK	21.96	21.92	21.93				
5	1	23		21.92	21.98	21.76				
5	12	6		21.86	21.87	21.89				
5	1	0		20.90	20.94	20.90				
5	1	24		20.91	20.89	20.85				
5	25	0		20.90	20.89	20.94				
5	1	1	16-QAM	20.80	20.83	20.90	20.75	0.1189		
5	1	1	64-QAM	19.57	19.63	19.60				
5	1	1	256-QAM	16.84	16.90	16.84				
Limit	EIRP < 1W			Result			Pass			

NR n70 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
10	1	1	PI/2 BPSK	21.91	21.86	21.90	21.81	0.1517		
10	1	50		21.91	21.85	21.77				
10	25	12		21.96	21.96	21.90				
10	1	0		21.31	21.38	21.32				
10	1	51		21.39	21.40	21.30				
10	50	0		21.39	21.46	21.47				
10	1	1	QPSK	21.92	21.86	21.94				
10	1	50		21.93	21.91	21.77				
10	25	12		21.95	21.92	21.92				
10	1	0		20.94	20.83	20.89				
10	1	51		20.95	20.85	20.75				
10	50	0		20.94	20.96	20.96				
10	1	1	16-QAM	20.83	20.77	20.84	20.69	0.1172		
10	1	1	64-QAM	19.54	19.49	19.55				
10	1	1	256-QAM	16.90	16.78	16.83				
Limit	EIRP < 1W			Result			Pass			



NR n70 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
15	1	1	PI/2 BPSK	-	21.99	-	21.93	0.156		
15	1	77		-	22.03	-				
15	36	18		-	22.04	-				
15	1	0		-	21.47	-				
15	1	78		-	21.54	-				
15	75	0		-	21.55	-				
15	1	1	QPSK	-	21.96	-				
15	1	77		-	22.08	-				
15	36	18		-	22.03	-				
15	1	0		-	21.04	-				
15	1	78		-	21.06	-				
15	75	0		-	21.04	-				
15	1	1	16-QAM	-	20.85	-	20.7	0.1175		
15	1	1	64-QAM	-	19.65	-				
15	1	1	256-QAM	-	16.94	-				
Limit	EIRP < 1W			Result			Pass			



NR n71 Maximum Average Power [dBm] (GT - LC = -2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
5	1	1	PI/2 BPSK	23.30	23.28	23.49	19.34	0.0859		
5	1	23		23.09	23.30	23.23				
5	12	6		23.13	23.24	23.35				
5	1	0		22.82	22.79	22.96				
5	1	24		22.57	22.78	22.69				
5	25	0		22.63	22.75	22.86				
5	1	1	QPSK	23.24	23.28	23.44				
5	1	23		23.09	23.28	23.20				
5	12	6		23.23	23.24	23.39				
5	1	0		22.25	22.27	22.33				
5	1	24		22.02	22.29	22.21				
5	25	0		22.20	22.23	22.36				
5	1	1	16-QAM	22.36	22.31	22.46	18.31	0.0678		
5	1	1	64-QAM	20.92	20.92	21.09				
5	1	1	256-QAM	18.17	18.21	18.41				
Limit	ERP < 3W			Result			Pass			

NR n71 Maximum Average Power [dBm] (GT - LC = -2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
10	1	1	PI/2 BPSK	23.26	23.29	23.35	19.25	0.0841		
10	1	50		23.17	23.30	23.20				
10	25	12		23.04	23.24	23.40				
10	1	0		22.77	22.79	22.90				
10	1	51		22.66	22.78	22.68				
10	50	0		22.48	22.72	22.87				
10	1	1	QPSK	23.31	23.29	23.37				
10	1	50		23.15	23.25	23.27				
10	25	12		23.00	23.26	23.34				
10	1	0		22.30	22.31	22.33				
10	1	51		22.15	22.33	22.19				
10	50	0		22.08	22.22	22.35				
10	1	1	16-QAM	22.39	22.31	22.30	18.24	0.0667		
10	1	1	64-QAM	20.94	20.97	21.05				
10	1	1	256-QAM	18.14	18.18	18.28				
Limit	ERP < 3W			Result			Pass			



NR n71 Maximum Average Power [dBm] (GT - LC = -2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
15	1	1	PI/2 BPSK	23.30	23.38	23.32	19.31	0.0853		
15	1	77		23.36	23.44	23.29				
15	36	18		23.20	23.31	23.46				
15	1	0		22.82	22.92	22.81				
15	1	78		22.88	22.83	22.76				
15	75	0		22.80	22.84	22.89				
15	1	1	QPSK	23.33	23.34	23.42				
15	1	77		23.42	23.43	23.34				
15	36	18		23.22	23.35	23.45				
15	1	0		22.31	22.33	22.43				
15	1	78		22.43	22.42	22.32				
15	75	0		22.23	22.33	22.37				
15	1	1	16-QAM	22.39	22.37	22.40	18.25	0.0668		
15	1	1	64-QAM	20.98	21.06	21.04				
15	1	1	256-QAM	18.26	18.28	18.34				
Limit	ERP < 3W			Result			Pass			

NR n71 Maximum Average Power [dBm] (GT - LC = -2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
20	1	1	PI/2 BPSK	23.25	23.40	23.39	19.37	0.0865		
20	1	104		23.36	23.33	23.28				
20	50	25		23.25	23.33	23.52				
20	1	0		22.84	22.83	22.89				
20	1	105		22.85	22.86	22.78				
20	100	0		22.76	22.83	22.98				
20	1	1	QPSK	23.29	23.33	23.45				
20	1	104		23.36	23.37	23.29				
20	50	25		23.34	23.38	23.43				
20	1	0		22.30	22.36	22.42				
20	1	105		22.33	22.39	22.21				
20	100	0		22.26	22.33	22.44				
20	1	1	16-QAM	22.35	22.35	22.41	18.26	0.067		
20	1	1	64-QAM	20.95	20.97	21.08				
20	1	1	256-QAM	18.18	18.28	18.20				
Limit	ERP < 3W			Result			Pass			



FCC RADIO TEST REPORT

Report No. : FG3D2501C

Part 270 NR n77 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK	24.73	24.60	24.47	26.76	0.4742		
10	1	22		24.65	24.55	24.51				
10	12	6		24.76	24.65	24.56				
10	1	0		24.17	21.05	20.93				
10	1	23		21.05	21.13	20.94				
10	24	0		24.22	24.11	24.08				
10	1	1	QPSK	24.62	24.60	24.32				
10	1	22		24.60	24.55	24.48				
10	12	6		24.73	24.67	24.57				
10	1	0		21.16	21.06	20.86				
10	1	23		21.12	21.02	20.97				
10	24	0		23.73	23.64	23.56				
10	1	1	16-QAM	23.77	23.65	23.45	25.77	0.3776		
10	1	1	64-QAM	22.18	22.16	21.89				
10	1	1	256-QAM	19.94	19.91	19.64				
Limit	EIRP < 1W			Result			Pass			

Part 270 NR n77 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
15	1	1	PI/2 BPSK	24.84	24.67	24.57	26.85	0.4842		
15	1	36		24.79	24.65	24.64				
15	18	9		24.85	24.68	24.63				
15	1	0		21.32	21.15	21.04				
15	1	37		21.29	21.12	21.18				
15	36	0		24.33	24.19	24.09				
15	1	1	QPSK	24.81	24.62	24.53				
15	1	36		24.72	24.62	24.60				
15	18	9		24.84	24.72	24.62				
15	1	0		21.31	21.14	21.08				
15	1	37		21.27	21.08	21.14				
15	36	0		23.81	23.67	23.60				
15	1	1	16-QAM	23.97	23.79	23.69	25.97	0.3954		
15	1	1	64-QAM	22.33	22.25	22.13				
15	1	1	256-QAM	20.13	19.93	19.85				
Limit	EIRP < 1W			Result			Pass			



Part 270 NR n77 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
20	1	1	PI/2 BPSK	24.87	24.63	24.55	26.87	0.4864		
20	1	49		24.73	24.58	24.66				
20	25	12		24.85	24.69	24.64				
20	1	0		21.29	21.13	21.05				
20	1	50		21.24	21.17	21.14				
20	50	0		24.31	24.17	24.14				
20	1	1	QPSK	24.81	24.62	24.58				
20	1	49		24.66	24.60	24.64				
20	25	12		24.79	24.65	24.65				
20	1	0		21.33	21.09	20.91				
20	1	50		21.18	21.18	21.11				
20	50	0		23.81	23.67	23.64				
20	1	1	16-QAM	23.84	23.78	23.57	25.84	0.3837		
20	1	1	64-QAM	22.44	22.23	22.08				
20	1	1	256-QAM	20.15	19.94	19.76				
Limit	EIRP < 1W			Result			Pass			



Part 270 NR n77 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
30	1	1	PI/2 BPSK	24.83	24.88	24.63	26.88	0.4875		
30	1	76		24.83	24.75	24.64				
30	36	18		24.86	24.79	24.51				
30	1	0		21.28	21.30	21.11				
30	1	77		21.29	21.16	21.13				
30	75	0		24.36	24.36	24.15				
30	1	1	QPSK	24.77	24.85	24.59				
30	1	76		24.78	24.74	24.64				
30	36	18		24.78	24.78	24.52				
30	1	0		21.30	21.36	21.10				
30	1	77		21.29	21.20	21.12				
30	75	0		23.85	23.79	23.56				
30	1	1	16-QAM	23.94	23.94	23.74	25.94	0.3926		
30	1	1	64-QAM	22.38	22.43	22.21				
30	1	1	256-QAM	20.07	20.10	19.89				
Limit	EIRP < 1W			Result			Pass			

Part 270 NR n77 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
40	1	1	PI/2 BPSK	25.04	24.95	24.69	27.04	0.5058		
40	1	104		24.89	24.85	24.80				
40	50	25		24.86	24.80	24.59				
40	1	0		21.41	21.45	21.21				
40	1	105		21.36	21.35	21.23				
40	100	0		24.33	24.32	24.12				
40	1	1	QPSK	24.97	24.91	24.68				
40	1	104		24.93	24.70	24.75				
40	50	25		24.82	24.78	24.58				
40	1	0		21.38	21.42	21.15				
40	1	105		21.35	21.22	21.28				
40	100	0		23.87	23.81	23.67				
40	1	1	16-QAM	24.06	24.07	23.78	26.07	0.4046		
40	1	1	64-QAM	22.49	22.49	22.23				
40	1	1	256-QAM	20.15	20.21	19.95				
Limit	EIRP < 1W			Result			Pass			



Part 270 NR n77 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
50	1	1	PI/2 BPSK	24.65	24.58	24.46	26.87	0.4864		
50	1	131		24.65	24.53	24.42				
50	64	32		24.60	24.54	24.38				
50	1	0		21.08	20.99	20.98				
50	1	132		21.12	21.01	21.01				
50	128	0		24.08	24.00	23.93				
50	1	1	QPSK	24.61	24.54	24.68				
50	1	131		24.58	24.50	24.87				
50	64	32		24.59	24.54	24.70				
50	1	0		21.11	21.04	20.94				
50	1	132		21.14	21.04	21.39				
50	128	0		23.58	23.49	23.77				
50	1	1	16-QAM	23.74	23.66	23.86	25.86	0.3855		
50	1	1	64-QAM	22.18	22.11	22.32				
50	1	1	256-QAM	19.86	19.85	19.98				
Limit	EIRP < 1W			Result			Pass			

Part 270 NR n77 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
60	1	1	PI/2 BPSK	24.66	24.77	24.59	26.78	0.4764		
60	1	160		24.70	24.70	24.59				
60	81	40		24.74	24.78	24.65				
60	1	0		21.21	21.18	21.10				
60	1	161		21.22	21.14	21.04				
60	162	0		24.23	24.23	24.14				
60	1	1	QPSK	24.58	24.76	24.61				
60	1	160		24.68	24.70	24.59				
60	81	40		24.72	24.78	24.60				
60	1	0		21.18	21.22	21.07				
60	1	161		21.21	21.18	21.05				
60	162	0		23.72	23.79	23.60				
60	1	1	16-QAM	23.76	23.84	23.72	25.84	0.3837		
60	1	1	64-QAM	22.21	22.32	22.14				
60	1	1	256-QAM	19.89	19.96	19.85				
Limit	EIRP < 1W			Result			Pass			



Part 270 NR n77 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
70	1	1	PI/2 BPSK	24.63	24.70	24.71	26.76	0.4742		
70	1	187		24.69	24.50	24.43				
70	90	45		24.72	24.71	24.69				
70	1	0		21.11	21.24	21.20				
70	1	188		21.18	21.01	20.89				
70	180	0		24.23	24.26	24.23				
70	1	1	QPSK	24.48	24.73	24.65				
70	1	187		24.66	24.53	24.43				
70	90	45		24.75	24.76	24.69				
70	1	0		21.12	21.22	21.22				
70	1	188		21.12	20.99	20.92				
70	180	0		23.74	23.71	23.69				
70	1	1	16-QAM	23.61	23.85	23.83	25.85	0.3846		
70	1	1	64-QAM	22.03	22.24	22.29				
70	1	1	256-QAM	19.82	20.00	19.90				
Limit	EIRP < 1W			Result			Pass			

Part 270 NR n77 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
80	1	1	PI/2 BPSK	24.59	24.76	24.61	26.76	0.4742		
80	1	215		24.75	24.52	24.45				
80	108	54		24.69	24.76	24.70				
80	1	0		21.08	21.23	21.08				
80	1	216		21.24	21.14	20.95				
80	216	0		24.19	24.21	24.16				
80	1	1	QPSK	24.59	24.63	24.58				
80	1	215		24.74	24.55	24.42				
80	108	54		24.73	24.74	24.73				
80	1	0		21.07	21.15	21.09				
80	1	216		21.20	21.03	20.88				
80	216	0		23.68	23.69	23.63				
80	1	1	16-QAM	23.60	23.86	23.70	25.86	0.3855		
80	1	1	64-QAM	22.16	22.21	22.18				
80	1	1	256-QAM	19.90	20.03	19.87				
Limit	EIRP < 1W			Result			Pass			



Part 270 NR n77 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
90	1	1	PI/2 BPSK	24.55	24.75	24.62	26.92	0.492		
90	1	243		24.92	24.72	24.48				
90	120	60		24.76	24.80	24.60				
90	1	0		21.02	21.18	21.08				
90	1	244		21.43	21.25	20.98				
90	243	0		24.20	24.19	24.10				
90	1	1	QPSK	24.60	24.73	24.58				
90	1	243		24.91	24.69	24.46				
90	120	60		24.75	24.80	24.63				
90	1	0		21.12	21.12	21.06				
90	1	244		21.51	21.20	20.97				
90	243	0		23.69	23.69	23.54				
90	1	1	16-QAM	23.70	23.73	23.77	25.77	0.3776		
90	1	1	64-QAM	22.18	22.23	22.23				
90	1	1	256-QAM	19.82	19.90	19.89				
Limit	EIRP < 1W			Result			Pass			

Part 270 NR n77 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
100	1	1	PI/2 BPSK	24.51	24.68	24.50	26.8	0.4786		
100	1	271		24.80	24.75	24.58				
100	135	67		24.72	24.76	24.69				
100	1	0		21.12	21.15	21.12				
100	1	272		21.25	21.26	21.05				
100	270	0		24.10	24.20	24.10				
100	1	1	QPSK	24.63	24.70	24.50				
100	1	271		24.65	24.72	24.61				
100	135	67		24.66	24.77	24.66				
100	1	0		21.21	21.07	21.00				
100	1	272		21.23	21.21	21.06				
100	270	0		23.70	23.72	23.61				
100	1	1	16-QAM	23.68	23.69	23.61	25.69	0.3707		
100	1	1	64-QAM	22.20	22.16	22.14				
100	1	1	256-QAM	19.91	19.99	19.90				
Limit	EIRP < 1W			Result			Pass			



Part 270 NR n78 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK	24.78	24.82	24.75	26.92	0.492		
10	1	22		24.75	24.80	24.92				
10	12	6		24.87	24.88	24.88				
10	1	0		21.30	21.26	21.40				
10	1	23		21.23	21.26	21.37				
10	24	0		24.35	24.36	24.35				
10	1	1	QPSK	24.70	24.78	24.72				
10	1	22		24.69	24.75	24.91				
10	12	6		24.84	24.86	24.86				
10	1	0		21.27	21.19	21.22				
10	1	23		21.13	21.23	21.32				
10	24	0		23.83	23.87	23.92				
10	1	1	16-QAM	23.84	23.81	23.85	25.85	0.3846		
10	1	1	64-QAM	22.37	22.21	22.36				
10	1	1	256-QAM	20.08	20.02	20.17				
Limit	EIRP < 1W			Result			Pass			

Part 270 NR n78 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
15	1	1	PI/2 BPSK	24.82	24.86	24.89	26.95	0.4955		
15	1	36		24.88	24.90	24.95				
15	18	9		24.94	24.89	24.94				
15	1	0		21.32	21.44	21.35				
15	1	37		21.36	21.38	21.49				
15	36	0		24.31	24.34	24.39				
15	1	1	QPSK	24.84	24.90	24.82				
15	1	36		24.84	24.87	24.92				
15	18	9		24.78	24.85	24.91				
15	1	0		21.27	21.31	21.29				
15	1	37		21.34	21.37	21.43				
15	36	0		23.91	23.83	23.91				
15	1	1	16-QAM	23.88	23.95	23.98	25.98	0.3963		
15	1	1	64-QAM	22.44	22.43	22.44				
15	1	1	256-QAM	20.10	20.07	20.07				
Limit	EIRP < 1W			Result			Pass			



Part 270 NR n78 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
20	1	1	PI/2 BPSK	24.89	24.87	24.87	27.06	0.5082		
20	1	49		24.87	24.91	25.06				
20	25	12		24.84	24.97	24.96				
20	1	0		21.33	21.38	21.33				
20	1	50		21.24	21.33	21.49				
20	50	0		24.36	24.45	24.44				
20	1	1	QPSK	24.81	24.80	24.89				
20	1	49		24.77	24.86	24.95				
20	25	12		24.80	24.95	24.92				
20	1	0		21.32	21.31	21.39				
20	1	50		21.30	21.36	21.45				
20	50	0		23.82	23.92	23.92				
20	1	1	16-QAM	23.93	23.97	23.97	25.97	0.3954		
20	1	1	64-QAM	22.35	22.44	22.45				
20	1	1	256-QAM	20.07	20.02	20.16				
Limit	EIRP < 1W			Result			Pass			



Part 270 NR n78 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
30	1	1	PI/2 BPSK	24.93	24.93	24.91	27.03	0.5047		
30	1	76		24.97	25.03	24.93				
30	36	18		24.90	24.90	24.94				
30	1	0		21.47	21.40	21.41				
30	1	77		21.48	21.47	21.46				
30	75	0		24.44	24.45	24.44				
30	1	1	QPSK	24.82	24.94	24.86				
30	1	76		24.88	24.95	24.99				
30	36	18		24.89	24.90	24.94				
30	1	0		21.40	21.42	21.35				
30	1	77		21.45	21.45	21.45				
30	75	0		23.93	23.94	23.97				
30	1	1	16-QAM	24.00	24.05	24.02	26.05	0.4027		
30	1	1	64-QAM	22.47	22.53	22.47				
30	1	1	256-QAM	20.12	20.18	20.17				
Limit	EIRP < 1W			Result			Pass			

Part 270 NR n78 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
40	1	1	PI/2 BPSK	24.96	25.03	25.07	27.14	0.5176		
40	1	104		25.08	25.04	25.14				
40	50	25		24.95	24.94	25.01				
40	1	0		21.43	21.49	21.49				
40	1	105		21.57	21.59	21.60				
40	100	0		24.43	24.45	24.52				
40	1	1	QPSK	24.94	24.96	25.01				
40	1	104		25.03	25.05	25.14				
40	50	25		24.79	24.93	24.96				
40	1	0		21.39	21.51	21.45				
40	1	105		21.53	21.59	21.62				
40	100	0		23.94	23.94	23.99				
40	1	1	16-QAM	24.09	24.19	24.09	26.19	0.4159		
40	1	1	64-QAM	22.52	22.62	22.53				
40	1	1	256-QAM	20.24	20.30	20.26				
Limit	EIRP < 1W			Result			Pass			



Part 270 NR n78 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
50	1	1	PI/2 BPSK	24.63	24.52	24.65	26.76	0.4742		
50	1	131		24.72	24.63	24.76				
50	64	32		24.64	24.72	24.63				
50	1	0		21.03	21.00	21.08				
50	1	132		21.15	21.11	21.20				
50	128	0		24.12	24.17	24.11				
50	1	1	QPSK	24.50	24.52	24.60				
50	1	131		24.71	24.61	24.76				
50	64	32		24.65	24.71	24.66				
50	1	0		21.07	20.98	21.13				
50	1	132		21.18	21.11	21.28				
50	128	0		23.65	23.66	23.62				
50	1	1	16-QAM	23.69	23.65	23.67	25.69	0.3707		
50	1	1	64-QAM	22.20	22.09	22.06				
50	1	1	256-QAM	19.85	19.79	19.85				
Limit	EIRP < 1W			Result			Pass			

Part 270 NR n78 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
60	1	1	PI/2 BPSK	24.46	24.42	24.50	26.76	0.4742		
60	1	160		24.64	24.72	24.72				
60	81	40		24.63	24.76	24.71				
60	1	0		20.97	20.86	20.98				
60	1	161		21.20	21.20	21.24				
60	162	0		24.09	24.22	24.16				
60	1	1	QPSK	24.43	24.42	24.39				
60	1	160		24.63	24.68	24.70				
60	81	40		24.62	24.76	24.68				
60	1	0		20.90	20.89	20.95				
60	1	161		21.07	21.15	21.18				
60	162	0		23.61	23.70	23.68				
60	1	1	16-QAM	23.59	23.57	23.57	25.59	0.3622		
60	1	1	64-QAM	21.95	22.01	22.05				
60	1	1	256-QAM	19.75	19.63	19.76				
Limit	EIRP < 1W			Result			Pass			



Part 270 NR n78 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
70	1	1	PI/2 BPSK	24.57	24.47	24.57	26.73	0.471		
70	1	187		24.61	24.69	24.69				
70	90	45		24.67	24.64	24.73				
70	1	0		20.98	20.90	20.97				
70	1	188		21.07	21.14	21.15				
70	180	0		24.12	24.11	24.26				
70	1	1	QPSK	24.52	24.43	24.53				
70	1	187		24.55	24.61	24.67				
70	90	45		24.66	24.64	24.73				
70	1	0		20.94	20.94	21.02				
70	1	188		21.07	21.05	21.10				
70	180	0		23.64	23.59	23.70				
70	1	1	16-QAM	23.58	23.54	23.63	25.63	0.3656		
70	1	1	64-QAM	22.02	22.00	22.17				
70	1	1	256-QAM	19.68	19.75	19.83				
Limit	EIRP < 1W			Result			Pass			

Part 270 NR n78 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
80	1	1	PI/2 BPSK	24.51	24.49	24.55	26.75	0.4732		
80	1	215		24.61	24.72	24.74				
80	108	54		24.62	24.75	24.75				
80	1	0		20.90	20.89	20.93				
80	1	216		21.12	21.12	21.13				
80	216	0		24.09	24.19	24.20				
80	1	1	QPSK	24.47	24.38	24.43				
80	1	215		24.59	24.64	24.66				
80	108	54		24.63	24.69	24.62				
80	1	0		20.92	20.95	21.00				
80	1	216		21.06	21.15	21.12				
80	216	0		23.58	23.67	23.61				
80	1	1	16-QAM	23.62	23.56	23.60	25.62	0.3648		
80	1	1	64-QAM	22.06	22.03	22.08				
80	1	1	256-QAM	19.75	19.69	19.77				
Limit	EIRP < 1W			Result			Pass			



Part 270 NR n78 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
90	1	1	PI/2 BPSK	24.52	24.47	24.48	26.85	0.4842		
90	1	243		24.85	24.85	24.79				
90	120	60		24.67	24.64	24.63				
90	1	0		20.98	20.98	20.94				
90	1	244		21.26	21.31	21.28				
90	243	0		24.09	24.13	24.12				
90	1	1	QPSK	24.44	24.46	24.44				
90	1	243		24.79	24.82	24.78				
90	120	60		24.67	24.65	24.67				
90	1	0		20.82	20.93	20.96				
90	1	244		21.27	21.29	21.26				
90	243	0		23.62	23.62	23.59				
90	1	1	16-QAM	23.60	23.46	23.58	25.6	0.3631		
90	1	1	64-QAM	22.03	22.01	22.05				
90	1	1	256-QAM	19.68	19.70	19.76				
Limit	EIRP < 1W			Result			Pass			

Part 270 NR n78 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
100	1	1	PI/2 BPSK	-	24.45	-	26.87	0.4864		
100	1	271		-	24.87	-				
100	135	67		-	24.65	-				
100	1	0		-	20.91	-				
100	1	272		-	21.35	-				
100	270	0		-	24.16	-				
100	1	1	QPSK	-	24.35	-				
100	1	271		-	24.84	-				
100	135	67		-	24.67	-				
100	1	0		-	20.86	-				
100	1	272		-	21.29	-				
100	270	0		-	23.62	-				
100	1	1	16-QAM	-	23.47	-	25.47	0.3524		
100	1	1	64-QAM	-	21.94	-				
100	1	1	256-QAM	-	19.63	-				
Limit	EIRP < 1W			Result			Pass			



Part 27Q NR n77 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK	25.01	25.04	24.93	27.08	0.5105		
10	1	22		24.99	24.99	24.91				
10	12	6		25.01	25.06	24.97				
10	1	0		21.49	21.52	21.47				
10	1	23		21.38	21.47	21.43				
10	24	0		24.56	24.55	24.52				
10	1	1	QPSK	24.89	25.01	24.87				
10	1	22		24.93	24.92	24.85				
10	12	6		25.07	25.08	24.93				
10	1	0		21.40	21.54	21.41				
10	1	23		21.37	21.40	21.33				
10	24	0		23.94	24.04	23.98				
10	1	1	16-QAM	24.04	24.10	24.06	26.1	0.4074		
10	1	1	64-QAM	22.53	22.60	22.51				
10	1	1	256-QAM	20.20	20.32	20.13				
Limit	EIRP < 1W			Result			Pass			

Part 27Q NR n77 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
15	1	1	PI/2 BPSK	25.06	25.15	25.11	27.15	0.5188		
15	1	36		25.09	25.03	25.01				
15	18	9		25.05	25.14	25.11				
15	1	0		21.51	21.63	21.51				
15	1	37		21.60	21.55	21.44				
15	36	0		24.65	24.62	24.57				
15	1	1	QPSK	25.01	25.13	25.09				
15	1	36		25.06	25.02	24.94				
15	18	9		25.12	25.15	25.09				
15	1	0		21.51	21.65	21.56				
15	1	37		21.55	21.54	21.44				
15	36	0		24.15	24.11	24.05				
15	1	1	16-QAM	24.17	24.28	24.17	26.28	0.4246		
15	1	1	64-QAM	22.62	22.75	22.64				
15	1	1	256-QAM	20.32	20.31	20.35				
Limit	EIRP < 1W			Result			Pass			



Part 27Q NR n77 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
20	1	1	PI/2 BPSK	25.06	25.09	25.11	27.16	0.52		
20	1	49		25.09	25.00	25.00				
20	25	12		25.07	25.16	25.11				
20	1	0		21.57	21.58	21.56				
20	1	50		21.56	21.52	21.61				
20	50	0		24.59	24.66	24.63				
20	1	1	QPSK	25.02	25.08	25.09				
20	1	49		25.05	25.03	24.96				
20	25	12		25.04	25.15	25.09				
20	1	0		21.52	21.57	21.58				
20	1	50		21.54	21.46	21.44				
20	50	0		24.05	24.16	24.07				
20	1	1	16-QAM	24.20	24.21	24.17	26.21	0.4178		
20	1	1	64-QAM	22.60	22.67	22.70				
20	1	1	256-QAM	20.41	20.44	20.41				
Limit	EIRP < 1W			Result			Pass			



Part 27Q NR n77 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
30	1	1	PI/2 BPSK	25.21	25.28	25.22	27.29	0.5358		
30	1	76		25.15	25.03	25.07				
30	36	18		25.03	25.10	25.17				
30	1	0		21.64	21.74	21.64				
30	1	77		21.61	21.56	21.57				
30	75	0		24.67	24.79	24.69				
30	1	1	QPSK	25.20	25.29	25.14				
30	1	76		25.10	25.05	25.04				
30	36	18		25.11	25.13	25.19				
30	1	0		21.72	21.76	21.63				
30	1	77		21.59	21.55	21.57				
30	75	0		24.13	24.22	24.20				
30	1	1	16-QAM	24.34	24.40	24.35	26.4	0.4365		
30	1	1	64-QAM	22.86	22.85	22.78				
30	1	1	256-QAM	20.45	20.58	20.48				
Limit	EIRP < 1W			Result			Pass			

Part 27Q NR n77 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
40	1	1	PI/2 BPSK	25.22	25.35	25.17	27.35	0.5433		
40	1	104		25.17	25.11	25.09				
40	50	25		25.13	25.18	25.07				
40	1	0		21.82	21.85	21.71				
40	1	105		21.64	21.56	21.50				
40	100	0		24.80	24.67	24.55				
40	1	1	QPSK	25.29	25.35	25.20				
40	1	104		25.17	25.08	25.07				
40	50	25		25.12	25.17	25.06				
40	1	0		21.73	21.89	21.71				
40	1	105		21.64	21.54	21.54				
40	100	0		24.14	24.21	24.09				
40	1	1	16-QAM	24.39	24.48	24.32	26.48	0.4446		
40	1	1	64-QAM	22.85	22.94	22.76				
40	1	1	256-QAM	20.56	20.65	20.51				
Limit	EIRP < 1W			Result			Pass			



Part 27Q NR n77 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
50	1	1	PI/2 BPSK	24.92	25.05	24.96	27.05	0.507		
50	1	131		24.68	24.71	24.62				
50	64	32		24.89	24.94	24.79				
50	1	0		21.40	21.57	21.55				
50	1	132		21.23	21.14	21.10				
50	128	0		24.40	24.45	24.39				
50	1	1	QPSK	24.97	25.05	25.02				
50	1	131		24.65	24.70	24.61				
50	64	32		24.91	24.93	24.76				
50	1	0		21.41	21.56	21.44				
50	1	132		21.17	21.20	21.08				
50	128	0		23.86	23.93	23.80				
50	1	1	16-QAM	24.06	24.14	24.12	26.14	0.4111		
50	1	1	64-QAM	22.52	22.60	22.60				
50	1	1	256-QAM	20.30	20.31	20.27				
Limit	EIRP < 1W			Result			Pass			

Part 27Q NR n77 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
60	1	1	PI/2 BPSK	24.98	25.09	25.05	27.09	0.5117		
60	1	160		24.63	24.78	24.66				
60	81	40		24.97	24.98	24.90				
60	1	0		21.49	21.56	21.55				
60	1	161		21.11	21.18	21.14				
60	162	0		24.44	24.45	24.38				
60	1	1	QPSK	24.93	25.02	25.04				
60	1	160		24.61	24.69	24.60				
60	81	40		24.96	24.99	24.87				
60	1	0		21.38	21.53	21.44				
60	1	161		21.10	21.17	21.07				
60	162	0		23.94	23.94	23.87				
60	1	1	16-QAM	24.06	24.21	24.06	26.21	0.4178		
60	1	1	64-QAM	22.54	22.65	22.67				
60	1	1	256-QAM	20.20	20.30	20.45				
Limit	EIRP < 1W			Result			Pass			



Part 27Q NR n77 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
70	1	1	PI/2 BPSK	24.95	25.00	25.03	27.05	0.507		
70	1	187		24.54	24.60	24.54				
70	90	45		24.86	24.95	24.86				
70	1	0		21.48	21.55	21.52				
70	1	188		21.10	21.05	21.05				
70	180	0		24.39	24.43	24.38				
70	1	1	QPSK	24.96	25.05	25.00				
70	1	187		24.46	24.62	24.53				
70	90	45		24.86	24.92	24.84				
70	1	0		21.41	21.54	21.54				
70	1	188		20.96	21.12	20.99				
70	180	0		23.88	23.96	23.87				
70	1	1	16-QAM	24.05	24.15	24.11	26.15	0.4121		
70	1	1	64-QAM	22.53	22.64	22.65				
70	1	1	256-QAM	20.26	20.33	20.35				
Limit	EIRP < 1W			Result			Pass			

Part 27Q NR n77 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
80	1	1	PI/2 BPSK	24.98	25.06	25.02	27.07	0.5093		
80	1	215		24.56	24.66	24.60				
80	108	54		24.89	24.93	24.85				
80	1	0		21.42	21.52	21.55				
80	1	216		21.06	21.08	21.02				
80	216	0		24.39	24.40	24.41				
80	1	1	QPSK	24.97	24.96	25.07				
80	1	215		24.62	24.63	24.59				
80	108	54		24.88	24.94	24.87				
80	1	0		21.47	21.44	21.54				
80	1	216		21.08	21.10	21.02				
80	216	0		23.88	23.93	23.87				
80	1	1	16-QAM	24.12	24.20	24.13	26.2	0.4169		
80	1	1	64-QAM	22.60	22.55	22.63				
80	1	1	256-QAM	20.28	20.30	20.35				
Limit	EIRP < 1W			Result			Pass			



Part 27Q NR n77 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
90	1	1	PI/2 BPSK	25.01	24.99	25.02	27.02	0.5035		
90	1	243		24.66	24.69	24.68				
90	120	60		24.85	24.87	24.92				
90	1	0		21.54	21.51	21.49				
90	1	244		21.20	21.13	21.14				
90	243	0		24.36	24.42	24.44				
90	1	1	QPSK	24.95	24.97	24.97				
90	1	243		24.67	24.66	24.62				
90	120	60		24.89	24.95	24.94				
90	1	0		21.46	21.44	21.47				
90	1	244		21.14	21.17	21.08				
90	243	0		23.96	23.90	23.93				
90	1	1	16-QAM	24.10	24.08	24.11	26.11	0.4083		
90	1	1	64-QAM	22.54	22.57	22.62				
90	1	1	256-QAM	20.33	20.26	20.29				
Limit	EIRP < 1W			Result			Pass			

Part 27Q NR n77 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
100	1	1	PI/2 BPSK	-	24.99	-	-	-		
100	1	271		-	24.64	-				
100	135	67		-	25.00	-				
100	1	0		-	21.50	-				
100	1	272		-	21.17	-				
100	270	0		-	24.40	-				
100	1	1	QPSK	-	24.95	-			-	-
100	1	271		-	24.65	-				
100	135	67		-	24.94	-				
100	1	0		-	21.50	-				
100	1	272		-	21.13	-				
100	270	0		-	23.96	-				
100	1	1	16-QAM	-	24.11	-	-	-		
100	1	1	64-QAM	-	22.60	-				
100	1	1	256-QAM	-	20.38	-				
Limit	EIRP < 1W			Result			Pass			



Part 27Q NR n78 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK	24.99	25.04	24.98	27.06	0.5082		
10	1	22		25.03	24.97	25.02				
10	12	6		25.06	25.04	24.94				
10	1	0		21.41	21.52	21.45				
10	1	23		21.38	21.47	21.51				
10	24	0		24.46	24.54	24.56				
10	1	1	QPSK	24.88	24.98	24.90				
10	1	22		24.92	24.90	24.92				
10	12	6		25.00	25.01	25.02				
10	1	0		21.41	21.49	21.40				
10	1	23		21.40	21.36	21.37				
10	24	0		24.04	23.99	23.92				
10	1	1	16-QAM	24.09	24.18	24.07	26.18	0.415		
10	1	1	64-QAM	22.53	22.58	22.49				
10	1	1	256-QAM	20.18	20.27	20.19				
Limit	EIRP < 1W			Result			Pass			

Part 27Q NR n78 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
15	1	1	PI/2 BPSK	25.01	25.14	25.05	27.14	0.5176		
15	1	36		25.06	25.02	25.08				
15	18	9		25.02	25.12	25.09				
15	1	0		21.50	21.59	21.49				
15	1	37		21.49	21.50	21.45				
15	36	0		24.53	24.62	24.55				
15	1	1	QPSK	25.06	25.13	25.02				
15	1	36		25.06	25.02	24.94				
15	18	9		25.00	25.14	25.05				
15	1	0		21.55	21.60	21.52				
15	1	37		21.60	21.45	21.43				
15	36	0		24.05	24.10	24.03				
15	1	1	16-QAM	24.11	24.22	24.14	26.22	0.4188		
15	1	1	64-QAM	22.64	22.62	22.65				
15	1	1	256-QAM	20.30	20.46	20.32				
Limit	EIRP < 1W			Result			Pass			



Part 27Q NR n78 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
20	1	1	PI/2 BPSK	25.03	25.18	25.08	27.19	0.5236		
20	1	49		25.07	25.01	24.97				
20	25	12		25.10	25.14	25.04				
20	1	0		21.51	21.66	21.59				
20	1	50		21.53	21.42	21.47				
20	50	0		24.61	24.63	24.56				
20	1	1	QPSK	25.04	25.19	25.11				
20	1	49		25.04	25.04	24.97				
20	25	12		25.10	25.12	25.04				
20	1	0		21.54	21.53	21.59				
20	1	50		21.56	21.47	21.47				
20	50	0		24.12	24.10	24.08				
20	1	1	16-QAM	24.14	24.29	24.20	26.29	0.4256		
20	1	1	64-QAM	22.62	22.70	22.64				
20	1	1	256-QAM	20.29	20.52	20.36				
Limit	EIRP < 1W			Result			Pass			



Part 27Q NR n78 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
30	1	1	PI/2 BPSK	25.17	25.24	25.18	27.24	0.5297		
30	1	76		25.05	25.01	25.00				
30	36	18		25.09	25.24	25.11				
30	1	0		21.65	21.72	21.53				
30	1	77		21.57	21.51	21.47				
30	75	0		24.72	24.74	24.64				
30	1	1	QPSK	25.12	25.24	25.06				
30	1	76		25.08	25.02	24.95				
30	36	18		25.17	25.21	25.12				
30	1	0		21.66	21.72	21.58				
30	1	77		21.55	21.45	21.46				
30	75	0		24.10	24.20	24.12				
30	1	1	16-QAM	24.29	24.37	24.30	26.37	0.4335		
30	1	1	64-QAM	22.79	22.79	22.75				
30	1	1	256-QAM	20.45	20.47	20.35				
Limit	EIRP < 1W			Result			Pass			

Part 27Q NR n78 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
40	1	1	PI/2 BPSK	25.21	25.25	25.13	27.28	0.5346		
40	1	104		25.18	24.97	24.95				
40	50	25		25.21	25.21	25.08				
40	1	0		21.71	21.79	21.62				
40	1	105		21.60	21.57	21.42				
40	100	0		24.68	24.70	24.59				
40	1	1	QPSK	25.18	25.28	25.10				
40	1	104		25.15	25.08	24.97				
40	50	25		25.14	25.19	25.08				
40	1	0		21.74	21.80	21.62				
40	1	105		21.63	21.56	21.43				
40	100	0		24.17	24.22	24.14				
40	1	1	16-QAM	24.35	24.39	24.27	26.39	0.4355		
40	1	1	64-QAM	22.75	22.82	22.72				
40	1	1	256-QAM	20.52	20.54	20.46				
Limit	EIRP < 1W			Result			Pass			



Part 27Q NR n78 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
50	1	1	PI/2 BPSK	24.91	24.73	24.68	26.91	0.4909		
50	1	131		24.64	24.49	24.49				
50	64	32		24.84	24.75	24.59				
50	1	0		21.36	21.29	21.21				
50	1	132		21.10	20.96	21.01				
50	128	0		24.36	24.17	24.11				
50	1	1	QPSK	24.85	24.72	24.69				
50	1	131		24.70	24.46	24.47				
50	64	32		24.86	24.68	24.68				
50	1	0		21.44	21.21	21.18				
50	1	132		21.11	20.94	20.90				
50	128	0		23.86	23.73	23.63				
50	1	1	16-QAM	23.91	23.82	23.78	25.91	0.3899		
50	1	1	64-QAM	22.54	22.26	22.23				
50	1	1	256-QAM	19.84	20.00	19.98				
Limit	EIRP < 1W			Result			Pass			

Part 27Q NR n78 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
60	1	1	PI/2 BPSK	24.80	24.81	24.83	26.83	0.4819		
60	1	160		24.33	24.49	24.44				
60	81	40		24.70	24.70	24.67				
60	1	0		21.30	21.29	21.28				
60	1	161		20.80	20.88	20.83				
60	162	0		24.16	24.24	24.16				
60	1	1	QPSK	24.75	24.78	24.82				
60	1	160		24.34	24.42	24.42				
60	81	40		24.69	24.71	24.66				
60	1	0		21.18	21.27	21.30				
60	1	161		20.83	20.98	20.94				
60	162	0		23.68	23.74	23.71				
60	1	1	16-QAM	23.82	23.86	23.92	25.92	0.3908		
60	1	1	64-QAM	22.26	22.39	22.39				
60	1	1	256-QAM	20.11	20.13	20.09				
Limit	EIRP < 1W			Result			Pass			



Part 27Q NR n78 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
70	1	1	PI/2 BPSK	24.79	24.79	24.78	26.79	0.4775		
70	1	187		24.36	24.36	24.39				
70	90	45		24.73	24.72	24.61				
70	1	0		21.16	21.29	21.29				
70	1	188		20.84	20.88	20.84				
70	180	0		24.23	24.20	24.28				
70	1	1	QPSK	24.76	24.79	24.78				
70	1	187		24.34	24.36	24.36				
70	90	45		24.69	24.71	24.62				
70	1	0		21.14	21.39	21.29				
70	1	188		20.81	20.82	20.84				
70	180	0		23.69	23.73	23.64				
70	1	1	16-QAM	23.81	23.91	23.91	25.91	0.3899		
70	1	1	64-QAM	22.25	22.47	22.45				
70	1	1	256-QAM	20.10	20.09	20.23				
Limit	EIRP < 1W			Result			Pass			

Part 27Q NR n78 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
80	1	1	PI/2 BPSK	24.86	24.81	24.81	26.86	0.4853		
80	1	215		24.32	24.39	24.40				
80	108	54		24.75	24.70	24.62				
80	1	0		21.28	21.22	21.33				
80	1	216		20.82	20.84	20.84				
80	216	0		24.15	24.20	24.16				
80	1	1	QPSK	24.69	24.83	24.76				
80	1	215		24.35	24.37	24.36				
80	108	54		24.71	24.69	24.67				
80	1	0		21.19	21.37	21.30				
80	1	216		20.80	20.87	20.85				
80	216	0		23.71	23.73	23.65				
80	1	1	16-QAM	23.85	24.00	23.91	26	0.3981		
80	1	1	64-QAM	22.39	22.40	22.43				
80	1	1	256-QAM	20.03	20.10	20.04				
Limit	EIRP < 1W			Result			Pass			



Part 27Q NR n78 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
90	1	1	PI/2 BPSK	24.83	24.85	24.85	26.86	0.4853		
90	1	243		24.44	24.39	24.38				
90	120	60		24.74	24.77	24.76				
90	1	0		21.31	21.30	21.26				
90	1	244		20.79	20.85	20.95				
90	243	0		24.17	24.22	24.22				
90	1	1	QPSK	24.78	24.85	24.86				
90	1	243		24.35	24.50	24.48				
90	120	60		24.69	24.76	24.74				
90	1	0		21.19	21.21	21.38				
90	1	244		20.86	20.89	20.94				
90	243	0		23.71	23.68	23.68				
90	1	1	16-QAM	23.81	23.83	24.02	26.02	0.3999		
90	1	1	64-QAM	22.33	22.46	22.48				
90	1	1	256-QAM	19.99	20.14	20.19				
Limit	EIRP < 1W			Result			Pass			

Part 27Q NR n78 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
100	1	1	PI/2 BPSK	-	24.71	-	26.75	0.4732		
100	1	271		-	24.40	-				
100	135	67		-	24.75	-				
100	1	0		-	21.25	-				
100	1	272		-	20.97	-				
100	270	0		-	24.22	-				
100	1	1	QPSK	-	24.73	-				
100	1	271		-	24.34	-				
100	135	67		-	24.73	-				
100	1	0		-	21.24	-				
100	1	272		-	20.90	-				
100	270	0		-	23.70	-				
100	1	1	16-QAM	-	23.85	-	25.85	0.3846		
100	1	1	64-QAM	-	22.38	-				
100	1	1	256-QAM	-	20.00	-				
Limit	EIRP < 1W			Result			Pass			



NR n77 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK	25.01	25.04	24.93	27.08	0.5105		
10	1	22		24.99	24.99	24.91				
10	12	6		25.01	25.06	24.97				
10	1	0		21.49	21.52	21.47				
10	1	23		21.38	21.47	21.43				
10	24	0		24.56	24.55	24.52				
10	1	1	QPSK	24.89	25.01	24.87				
10	1	22		24.93	24.92	24.85				
10	12	6		25.07	25.08	24.93				
10	1	0		21.40	21.54	21.41				
10	1	23		21.37	21.40	21.33				
10	24	0		23.94	24.04	23.98				
10	1	1	16-QAM	24.04	24.10	24.06	26.1	0.4074		
10	1	1	64-QAM	22.53	22.60	22.51				
10	1	1	256-QAM	20.20	20.32	20.13				
Limit	EIRP < 1W			Result			Pass			

NR n77 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
15	1	1	PI/2 BPSK	25.06	25.15	25.11	27.15	0.5188		
15	1	36		25.09	25.03	25.01				
15	18	9		25.05	25.14	25.11				
15	1	0		21.51	21.63	21.51				
15	1	37		21.60	21.55	21.44				
15	36	0		24.65	24.62	24.57				
15	1	1	QPSK	25.01	25.13	25.09				
15	1	36		25.06	25.02	24.94				
15	18	9		25.12	25.15	25.09				
15	1	0		21.51	21.65	21.56				
15	1	37		21.55	21.54	21.44				
15	36	0		24.15	24.11	24.05				
15	1	1	16-QAM	24.17	24.28	24.17	26.28	0.4246		
15	1	1	64-QAM	22.62	22.75	22.64				
15	1	1	256-QAM	20.32	20.31	20.35				
Limit	EIRP < 1W			Result			Pass			



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NR n77 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
20	1	1	PI/2 BPSK	25.06	25.09	25.11	27.16	0.52		
20	1	49		25.09	25.00	25.00				
20	25	12		25.07	25.16	25.11				
20	1	0		21.57	21.58	21.56				
20	1	50		21.56	21.52	21.61				
20	50	0		24.59	24.66	24.63				
20	1	1	QPSK	25.02	25.08	25.09				
20	1	49		25.05	25.03	24.96				
20	25	12		25.04	25.15	25.09				
20	1	0		21.52	21.57	21.58				
20	1	50		21.54	21.46	21.44				
20	50	0		24.05	24.16	24.07				
20	1	1	16-QAM	24.20	24.21	24.17	26.21	0.4178		
20	1	1	64-QAM	22.60	22.67	22.70				
20	1	1	256-QAM	20.41	20.44	20.41				
Limit	EIRP < 1W			Result			Pass			



NR n77 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
30	1	1	PI/2 BPSK	25.21	25.28	25.22	27.29	0.5358		
30	1	76		25.15	25.03	25.07				
30	36	18		25.03	25.10	25.17				
30	1	0		21.64	21.74	21.64				
30	1	77		21.61	21.56	21.57				
30	75	0		24.67	24.79	24.69				
30	1	1	QPSK	25.20	25.29	25.14				
30	1	76		25.10	25.05	25.04				
30	36	18		25.11	25.13	25.19				
30	1	0		21.72	21.76	21.63				
30	1	77		21.59	21.55	21.57				
30	75	0		24.13	24.22	24.20				
30	1	1	16-QAM	24.34	24.40	24.35	26.4	0.4365		
30	1	1	64-QAM	22.86	22.85	22.78				
30	1	1	256-QAM	20.45	20.58	20.48				
Limit	EIRP < 1W			Result			Pass			

NR n77 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
40	1	1	PI/2 BPSK	25.22	25.35	25.17	27.35	0.5433		
40	1	104		25.17	25.11	25.09				
40	50	25		25.13	25.18	25.07				
40	1	0		21.82	21.85	21.71				
40	1	105		21.64	21.56	21.50				
40	100	0		24.80	24.67	24.55				
40	1	1	QPSK	25.29	25.35	25.20				
40	1	104		25.17	25.08	25.07				
40	50	25		25.12	25.17	25.06				
40	1	0		21.73	21.89	21.71				
40	1	105		21.64	21.54	21.54				
40	100	0		24.14	24.21	24.09				
40	1	1	16-QAM	24.39	24.48	24.32	26.48	0.4446		
40	1	1	64-QAM	22.85	22.94	22.76				
40	1	1	256-QAM	20.56	20.65	20.51				
Limit	EIRP < 1W			Result			Pass			



NR n77 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
50	1	1	PI/2 BPSK	24.92	25.05	24.96	27.05	0.507		
50	1	131		24.68	24.71	24.62				
50	64	32		24.89	24.94	24.79				
50	1	0		21.40	21.57	21.55				
50	1	132		21.23	21.14	21.10				
50	128	0		24.40	24.45	24.39				
50	1	1	QPSK	24.97	25.05	25.02				
50	1	131		24.65	24.70	24.61				
50	64	32		24.91	24.93	24.76				
50	1	0		21.41	21.56	21.44				
50	1	132		21.17	21.20	21.08				
50	128	0		23.86	23.93	23.80				
50	1	1	16-QAM	24.06	24.14	24.12	26.14	0.4111		
50	1	1	64-QAM	22.52	22.60	22.60				
50	1	1	256-QAM	20.30	20.31	20.27				
Limit	EIRP < 1W			Result			Pass			

NR n77 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
60	1	1	PI/2 BPSK	24.98	25.09	25.05	27.09	0.5117		
60	1	160		24.63	24.78	24.66				
60	81	40		24.97	24.98	24.90				
60	1	0		21.49	21.56	21.55				
60	1	161		21.11	21.18	21.14				
60	162	0		24.44	24.45	24.38				
60	1	1	QPSK	24.93	25.02	25.04				
60	1	160		24.61	24.69	24.60				
60	81	40		24.96	24.99	24.87				
60	1	0		21.38	21.53	21.44				
60	1	161		21.10	21.17	21.07				
60	162	0		23.94	23.94	23.87				
60	1	1	16-QAM	24.06	24.21	24.06	26.21	0.4178		
60	1	1	64-QAM	22.54	22.65	22.67				
60	1	1	256-QAM	20.20	20.30	20.45				
Limit	EIRP < 1W			Result			Pass			



NR n77 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
70	1	1	PI/2 BPSK	24.95	25.00	25.03	27.05	0.507		
70	1	187		24.54	24.60	24.54				
70	90	45		24.86	24.95	24.86				
70	1	0		21.48	21.55	21.52				
70	1	188		21.10	21.05	21.05				
70	180	0		24.39	24.43	24.38				
70	1	1	QPSK	24.96	25.05	25.00				
70	1	187		24.46	24.62	24.53				
70	90	45		24.86	24.92	24.84				
70	1	0		21.41	21.54	21.54				
70	1	188		20.96	21.12	20.99				
70	180	0		23.88	23.96	23.87				
70	1	1	16-QAM	24.05	24.15	24.11	26.15	0.4121		
70	1	1	64-QAM	22.53	22.64	22.65				
70	1	1	256-QAM	20.26	20.33	20.35				
Limit	EIRP < 1W			Result			Pass			

NR n77 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
80	1	1	PI/2 BPSK	24.98	25.06	25.02	27.07	0.5093		
80	1	215		24.56	24.66	24.60				
80	108	54		24.89	24.93	24.85				
80	1	0		21.42	21.52	21.55				
80	1	216		21.06	21.08	21.02				
80	216	0		24.39	24.40	24.41				
80	1	1	QPSK	24.97	24.96	25.07				
80	1	215		24.62	24.63	24.59				
80	108	54		24.88	24.94	24.87				
80	1	0		21.47	21.44	21.54				
80	1	216		21.08	21.10	21.02				
80	216	0		23.88	23.93	23.87				
80	1	1	16-QAM	24.12	24.20	24.13	26.2	0.4169		
80	1	1	64-QAM	22.60	22.55	22.63				
80	1	1	256-QAM	20.28	20.30	20.35				
Limit	EIRP < 1W			Result			Pass			



NR n77 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
90	1	1	PI/2 BPSK	25.01	24.99	25.02	27.02	0.5035		
90	1	243		24.66	24.69	24.68				
90	120	60		24.85	24.87	24.92				
90	1	0		21.54	21.51	21.49				
90	1	244		21.20	21.13	21.14				
90	243	0		24.36	24.42	24.44				
90	1	1	QPSK	24.95	24.97	24.97				
90	1	243		24.67	24.66	24.62				
90	120	60		24.89	24.95	24.94				
90	1	0		21.46	21.44	21.47				
90	1	244		21.14	21.17	21.08				
90	243	0		23.96	23.90	23.93				
90	1	1	16-QAM	24.10	24.08	24.11	26.11	0.4083		
90	1	1	64-QAM	22.54	22.57	22.62				
90	1	1	256-QAM	20.33	20.26	20.29				
Limit	EIRP < 1W			Result			Pass			

NR n77 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
100	1	1	PI/2 BPSK	-	24.99	-	27	0.5012		
100	1	271		-	24.64	-				
100	135	67		-	25.00	-				
100	1	0		-	21.50	-				
100	1	272		-	21.17	-				
100	270	0		-	24.40	-				
100	1	1	QPSK	-	24.95	-				
100	1	271		-	24.65	-				
100	135	67		-	24.94	-				
100	1	0		-	21.50	-				
100	1	272		-	21.13	-				
100	270	0		-	23.96	-				
100	1	1	16-QAM	-	24.11	-	26.11	0.4083		
100	1	1	64-QAM	-	22.60	-				
100	1	1	256-QAM	-	20.38	-				
Limit	EIRP < 1W			Result			Pass			



NR n78 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK	24.99	25.04	24.98	27.06	0.5082		
10	1	22		25.03	24.97	25.02				
10	12	6		25.06	25.04	24.94				
10	1	0		21.41	21.52	21.45				
10	1	23		21.38	21.47	21.51				
10	24	0		24.46	24.54	24.56				
10	1	1	QPSK	24.88	24.98	24.90				
10	1	22		24.92	24.90	24.92				
10	12	6		25.00	25.01	25.02				
10	1	0		21.41	21.49	21.40				
10	1	23		21.40	21.36	21.37				
10	24	0		24.04	23.99	23.92				
10	1	1	16-QAM	24.09	24.18	24.07	26.18	0.415		
10	1	1	64-QAM	22.53	22.58	22.49				
10	1	1	256-QAM	20.18	20.27	20.19				
Limit	EIRP < 1W			Result			Pass			

NR n78 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
15	1	1	PI/2 BPSK	25.01	25.14	25.05	27.14	0.5176		
15	1	36		25.06	25.02	25.08				
15	18	9		25.02	25.12	25.09				
15	1	0		21.50	21.59	21.49				
15	1	37		21.49	21.50	21.45				
15	36	0		24.53	24.62	24.55				
15	1	1	QPSK	25.06	25.13	25.02				
15	1	36		25.06	25.02	24.94				
15	18	9		25.00	25.14	25.05				
15	1	0		21.55	21.60	21.52				
15	1	37		21.60	21.45	21.43				
15	36	0		24.05	24.10	24.03				
15	1	1	16-QAM	24.11	24.22	24.14	26.22	0.4188		
15	1	1	64-QAM	22.64	22.62	22.65				
15	1	1	256-QAM	20.30	20.46	20.32				
Limit	EIRP < 1W			Result			Pass			



FCC RADIO TEST REPORT

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NR n78 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
20	1	1	PI/2 BPSK	25.03	25.18	25.08	27.19	0.5236		
20	1	49		25.07	25.01	24.97				
20	25	12		25.10	25.14	25.04				
20	1	0		21.51	21.66	21.59				
20	1	50		21.53	21.42	21.47				
20	50	0		24.61	24.63	24.56				
20	1	1	QPSK	25.04	25.19	25.11				
20	1	49		25.04	25.04	24.97				
20	25	12		25.10	25.12	25.04				
20	1	0		21.54	21.53	21.59				
20	1	50		21.56	21.47	21.47				
20	50	0		24.12	24.10	24.08				
20	1	1	16-QAM	24.14	24.29	24.20	26.29	0.4256		
20	1	1	64-QAM	22.62	22.70	22.64				
20	1	1	256-QAM	20.29	20.52	20.36				
Limit	EIRP < 1W			Result			Pass			



NR n78 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
30	1	1	PI/2 BPSK	25.17	25.24	25.18	27.24	0.5297		
30	1	76		25.05	25.01	25.00				
30	36	18		25.09	25.24	25.11				
30	1	0		21.65	21.72	21.53				
30	1	77		21.57	21.51	21.47				
30	75	0		24.72	24.74	24.64				
30	1	1	QPSK	25.12	25.24	25.06				
30	1	76		25.08	25.02	24.95				
30	36	18		25.17	25.21	25.12				
30	1	0		21.66	21.72	21.58				
30	1	77		21.55	21.45	21.46				
30	75	0		24.10	24.20	24.12				
30	1	1	16-QAM	24.29	24.37	24.30	26.37	0.4335		
30	1	1	64-QAM	22.79	22.79	22.75				
30	1	1	256-QAM	20.45	20.47	20.35				
Limit	EIRP < 1W			Result			Pass			

NR n78 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
40	1	1	PI/2 BPSK	25.21	25.25	25.13	27.28	0.5346		
40	1	104		25.18	24.97	24.95				
40	50	25		25.21	25.21	25.08				
40	1	0		21.71	21.79	21.62				
40	1	105		21.60	21.57	21.42				
40	100	0		24.68	24.70	24.59				
40	1	1	QPSK	25.18	25.28	25.10				
40	1	104		25.15	25.08	24.97				
40	50	25		25.14	25.19	25.08				
40	1	0		21.74	21.80	21.62				
40	1	105		21.63	21.56	21.43				
40	100	0		24.17	24.22	24.14				
40	1	1	16-QAM	24.35	24.39	24.27	26.39	0.4355		
40	1	1	64-QAM	22.75	22.82	22.72				
40	1	1	256-QAM	20.52	20.54	20.46				
Limit	EIRP < 1W			Result			Pass			



NR n78 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
50	1	1	PI/2 BPSK	24.91	24.73	24.68	26.91	0.4909		
50	1	131		24.64	24.49	24.49				
50	64	32		24.84	24.75	24.59				
50	1	0		21.36	21.29	21.21				
50	1	132		21.10	20.96	21.01				
50	128	0		24.36	24.17	24.11				
50	1	1	QPSK	24.85	24.72	24.69				
50	1	131		24.70	24.46	24.47				
50	64	32		24.86	24.68	24.68				
50	1	0		21.44	21.21	21.18				
50	1	132		21.11	20.94	20.90				
50	128	0		23.86	23.73	23.63				
50	1	1	16-QAM	23.91	23.82	23.78	25.91	0.3899		
50	1	1	64-QAM	22.54	22.26	22.23				
50	1	1	256-QAM	19.84	20.00	19.98				
Limit	EIRP < 1W			Result			Pass			

NR n78 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
60	1	1	PI/2 BPSK	24.80	24.81	24.83	26.83	0.4819		
60	1	160		24.33	24.49	24.44				
60	81	40		24.70	24.70	24.67				
60	1	0		21.30	21.29	21.28				
60	1	161		20.80	20.88	20.83				
60	162	0		24.16	24.24	24.16				
60	1	1	QPSK	24.75	24.78	24.82				
60	1	160		24.34	24.42	24.42				
60	81	40		24.69	24.71	24.66				
60	1	0		21.18	21.27	21.30				
60	1	161		20.83	20.98	20.94				
60	162	0		23.68	23.74	23.71				
60	1	1	16-QAM	23.82	23.86	23.92	25.92	0.3908		
60	1	1	64-QAM	22.26	22.39	22.39				
60	1	1	256-QAM	20.11	20.13	20.09				
Limit	EIRP < 1W			Result			Pass			



NR n78 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
70	1	1	PI/2 BPSK	24.79	24.79	24.78	26.79	0.4775		
70	1	187		24.36	24.36	24.39				
70	90	45		24.73	24.72	24.61				
70	1	0		21.16	21.29	21.29				
70	1	188		20.84	20.88	20.84				
70	180	0		24.23	24.20	24.28				
70	1	1	QPSK	24.76	24.79	24.78				
70	1	187		24.34	24.36	24.36				
70	90	45		24.69	24.71	24.62				
70	1	0		21.14	21.39	21.29				
70	1	188		20.81	20.82	20.84				
70	180	0		23.69	23.73	23.64				
70	1	1	16-QAM	23.81	23.91	23.91	25.91	0.3899		
70	1	1	64-QAM	22.25	22.47	22.45				
70	1	1	256-QAM	20.10	20.09	20.23				
Limit	EIRP < 1W			Result			Pass			

NR n78 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
80	1	1	PI/2 BPSK	24.86	24.81	24.81	26.86	0.4853		
80	1	215		24.32	24.39	24.40				
80	108	54		24.75	24.70	24.62				
80	1	0		21.28	21.22	21.33				
80	1	216		20.82	20.84	20.84				
80	216	0		24.15	24.20	24.16				
80	1	1	QPSK	24.69	24.83	24.76				
80	1	215		24.35	24.37	24.36				
80	108	54		24.71	24.69	24.67				
80	1	0		21.19	21.37	21.30				
80	1	216		20.80	20.87	20.85				
80	216	0		23.71	23.73	23.65				
80	1	1	16-QAM	23.85	24.00	23.91	26	0.3981		
80	1	1	64-QAM	22.39	22.40	22.43				
80	1	1	256-QAM	20.03	20.10	20.04				
Limit	EIRP < 1W			Result			Pass			



NR n78 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
90	1	1	PI/2 BPSK	24.83	24.85	24.85	26.86	0.4853		
90	1	243		24.44	24.39	24.38				
90	120	60		24.74	24.77	24.76				
90	1	0		21.31	21.30	21.26				
90	1	244		20.79	20.85	20.95				
90	243	0		24.17	24.22	24.22				
90	1	1	QPSK	24.78	24.85	24.86				
90	1	243		24.35	24.50	24.48				
90	120	60		24.69	24.76	24.74				
90	1	0		21.19	21.21	21.38				
90	1	244		20.86	20.89	20.94				
90	243	0		23.71	23.68	23.68				
90	1	1	16-QAM	23.81	23.83	24.02	26.02	0.3999		
90	1	1	64-QAM	22.33	22.46	22.48				
90	1	1	256-QAM	19.99	20.14	20.19				
Limit	EIRP < 1W			Result			Pass			

NR n78 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
100	1	1	PI/2 BPSK	-	24.71	-	26.75	0.4732		
100	1	271		-	24.40	-				
100	135	67		-	24.75	-				
100	1	0		-	21.25	-				
100	1	272		-	20.97	-				
100	270	0		-	24.22	-				
100	1	1	QPSK	-	24.73	-				
100	1	271		-	24.34	-				
100	135	67		-	24.73	-				
100	1	0		-	21.24	-				
100	1	272		-	20.90	-				
100	270	0		-	23.70	-				
100	1	1	16-QAM	-	23.85	-	25.85	0.3846		
100	1	1	64-QAM	-	22.38	-				
100	1	1	256-QAM	-	20.00	-				
Limit	EIRP < 1W			Result			Pass			



Appendix B. Test Results of Radiated Test

Mode	Part	Band	Ch	Freq (MHz)	Level (dBm)	Det	Ant Factor (dB)	AmplCbl (dB)	Filter (dB)	EIRPCF (dB)	Reading (dBuV)	Limit (dBm)	Margin (dB)	Pol	Ant
4	Part 24E	5G NR n2	L	7405	-55.93	RMS	36.90	-21.26	0.42	-95.23	23.24	-13.00	-42.93	V	Tx0
3	Part 27D	5G NR n30	M	9223	-55.56	RMS	37.05	-21.59	0.45	-95.23	23.76	-40.00	-15.56	V	Tx0
4	Part 27D	5G NR n30	L	9222	-55.60	RMS	37.06	-21.59	0.45	-95.23	23.71	-40.00	-15.60	V	Tx0
10	Part 27L	5G NR n66	H	7045	-56.36	RMS	36.50	-21.47	0.46	-95.23	23.38	-13.00	-43.36	H	Tx0
17	Part 27M	5G NR n7	H	10205	-52.80	RMS	37.38	-20.39	0.44	-95.23	25.00	-25.00	-27.80	H	Tx0
18	Part 27M	5G NR n38	M	10345	-54.99	RMS	37.38	-21.61	0.45	-95.23	24.02	-25.00	-29.99	H	Tx0
19	Part 27M	5G NR n41	H	10685	-54.25	RMS	37.50	-21.68	0.50	-95.23	24.66	-25.00	-29.25	V	Tx0
22	Part 27O	5G NR n77	L	14805	-49.39	RMS	41.60	-23.08	0.42	-95.23	26.90	-13.00	-36.39	V	Tx2
25	Part 27Q	5G NR n77	H	14125	-49.87	RMS	40.95	-22.23	0.46	-95.23	26.18	-13.00	-36.87	H	Tx2

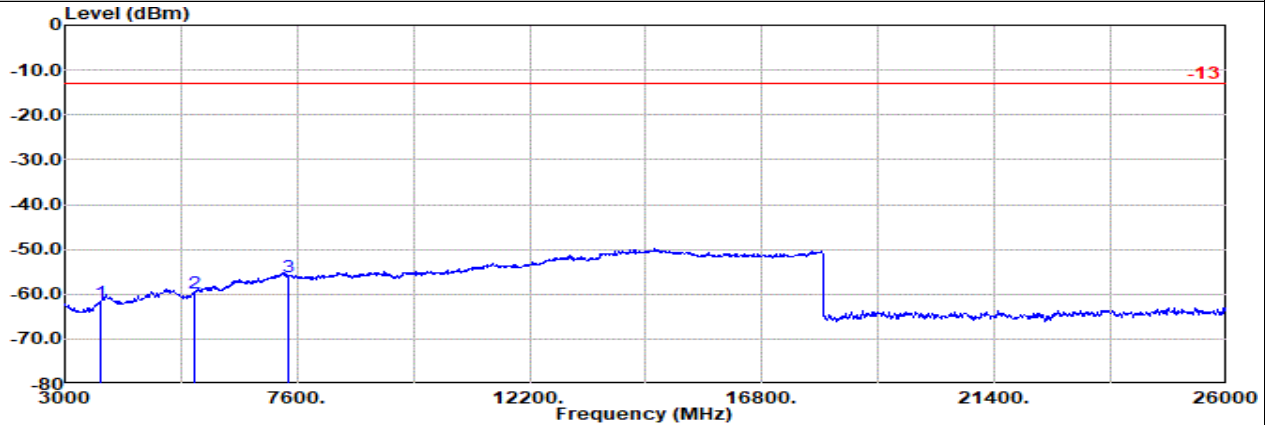


Tx0

Part 24E Mode 4

5G NR n2 20M Ch372000 1RB1 BPSK

L

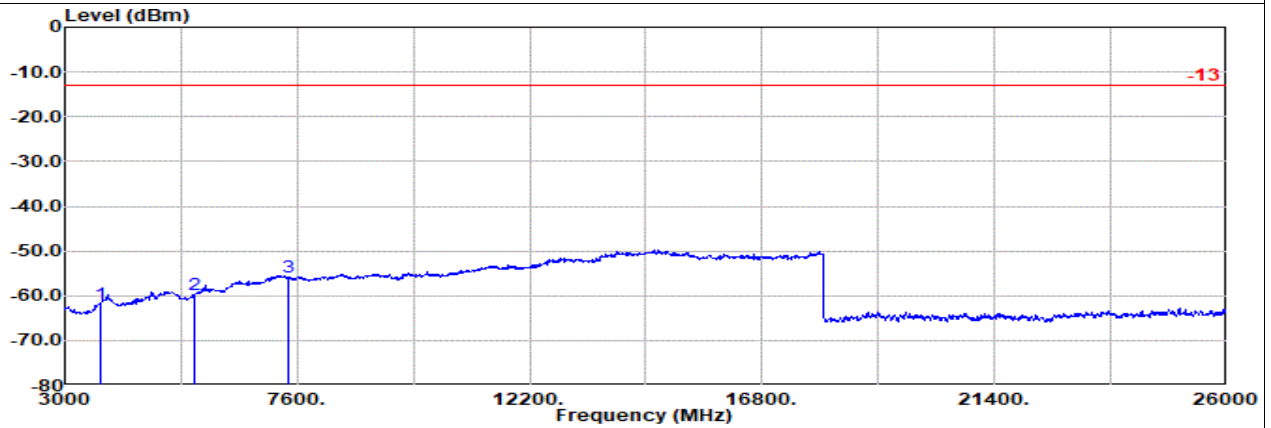


Site : 03CH21-HY

Condition: -13 3m DRH18-E_LE2C03A18EN_230712 Horizontal

: SA n2 20M Ch372000 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb Filter 1		EIRPCF	Reading	Limit	Margin Pol	
					dB/m	dB					
1	3703.00	-61.89	RMS	29.82	-23.21	0.85	-95.23	25.88	-13.00	-48.89	Horizontal
2	5554.00	-59.77	RMS	33.00	-21.86	0.73	-95.23	23.59	-13.00	-46.77	Horizontal
3	7405.00	-56.11	RMS	36.90	-21.26	0.42	-95.23	23.06	-13.00	-43.11	Horizontal



Site : 03CH21-HY

Condition: -13 3m DRH18-E_LE2C03A18EN_230712 Vertical

: SA n2 20M Ch372000 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb Filter 1		EIRPCF	Reading	Limit	Margin Pol	
					dB/m	dB					
1	3703.00	-61.87	RMS	29.82	-23.21	0.85	-95.23	25.90	-13.00	-48.87	Vertical
2	5554.00	-59.76	RMS	33.00	-21.86	0.73	-95.23	23.60	-13.00	-46.76	Vertical
3	7405.00	-55.93	RMS	36.90	-21.26	0.42	-95.23	23.24	-13.00	-42.93	Vertical

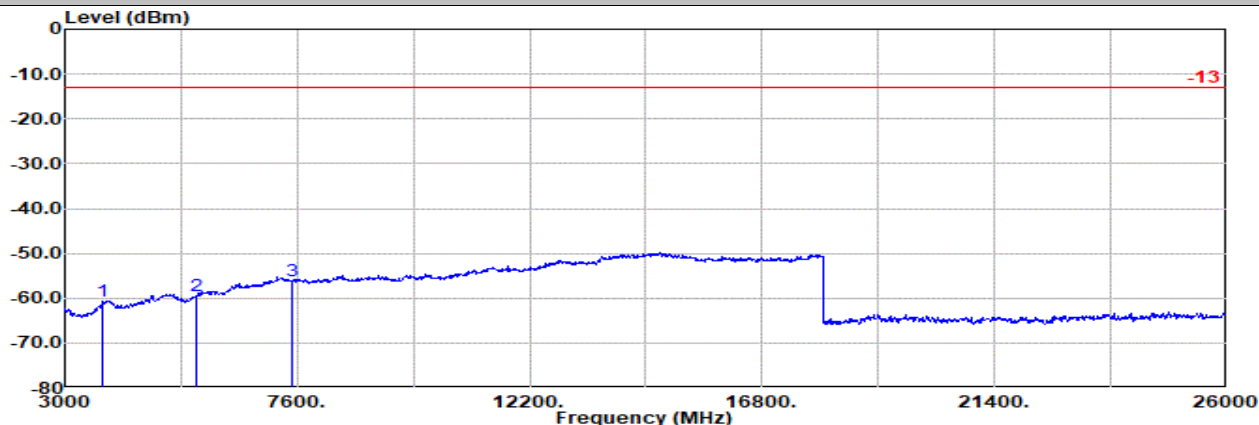


Tx0

Part 24E Mode 4

5G NR n2 20M Ch376000 1RB1 BPSK

M

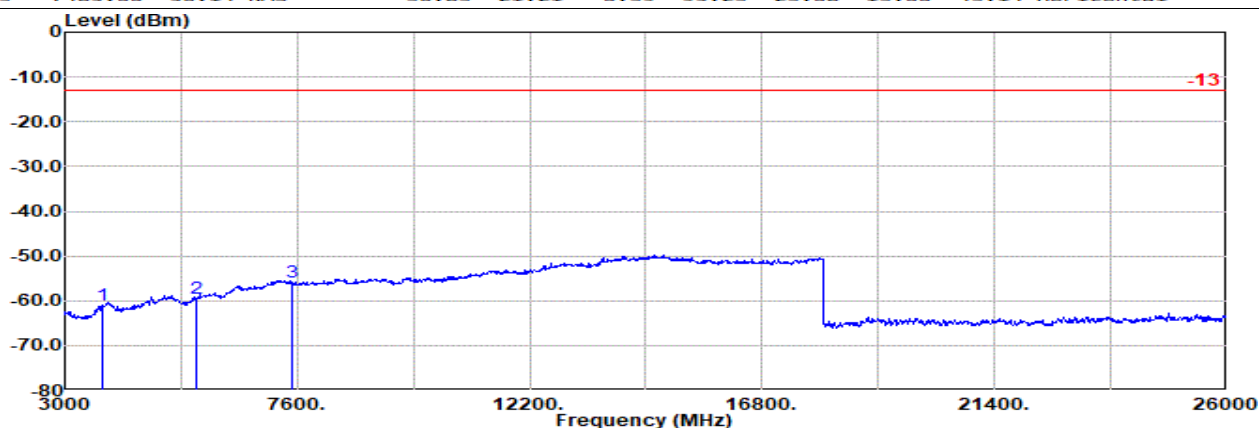


Site : 03CH21-HY

Condition: -13 3m DRH18-E_LE2C03A18EN_230712 Horizontal

: SA n2 20M Ch376000 1RB1 BPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol	
				Factor	1					
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB
1	3743.00	-60.80	RMS	30.14	-23.16	0.84	-95.23	26.61	-13.00	-47.80 Horizontal
2	5614.00	-59.43	RMS	33.08	-21.85	0.74	-95.23	23.83	-13.00	-46.43 Horizontal
3	7485.00	-56.14	RMS	36.83	-21.21	0.39	-95.23	23.08	-13.00	-43.14 Horizontal



Site : 03CH21-HY

Condition: -13 3m DRH18-E_LE2C03A18EN_230712 Vertical

: SA n2 20M Ch376000 1RB1 BPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol	
				Factor	1					
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB
1	3743.00	-61.00	RMS	30.14	-23.16	0.84	-95.23	26.41	-13.00	-48.00 Vertical
2	5614.00	-59.35	RMS	33.08	-21.85	0.74	-95.23	23.91	-13.00	-46.35 Vertical
3	7485.00	-55.99	RMS	36.83	-21.21	0.39	-95.23	23.23	-13.00	-42.99 Vertical

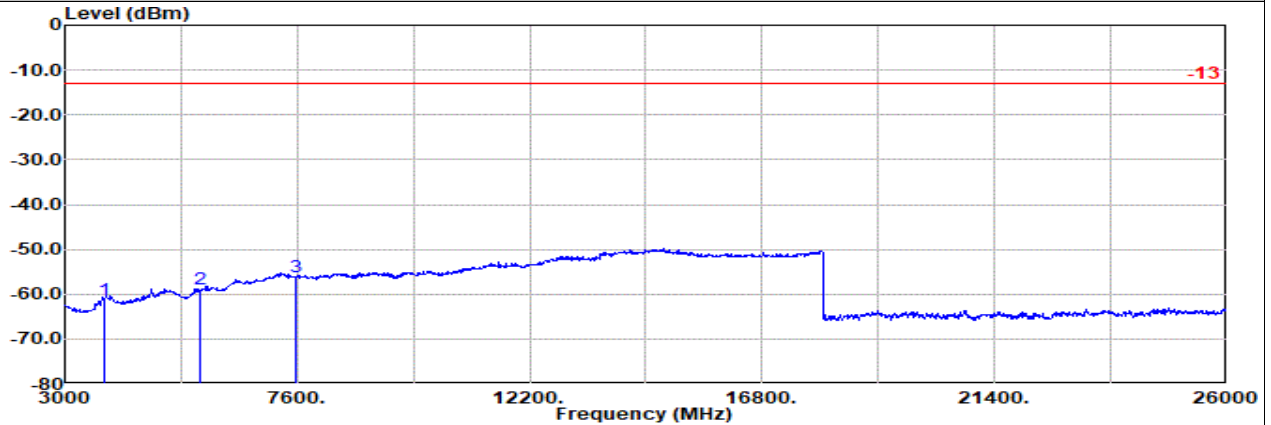


Tx0

Part 24E Mode 4

5G NR n2 20M Ch380000 1RB1 BPSK

H

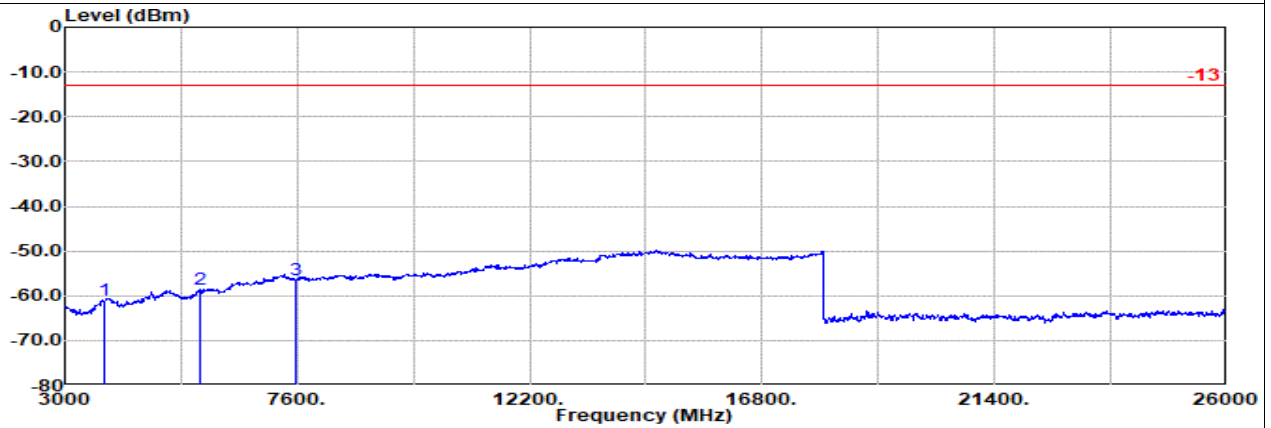


Site : 03CH21-HY

Condition: -13 3m DRH18-E_LE2C03A18EN_230712 Horizontal

: SA n2 20M Ch380000 1RB1 BPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	3783.00	-61.14	RMS	30.33	-23.10	0.83	-95.23	26.03	-13.00	-48.14	Horizontal			
2	5674.00	-58.90	RMS	33.44	-21.81	0.71	-95.23	23.99	-13.00	-45.90	Horizontal			
3	7565.00	-56.05	RMS	36.73	-21.23	0.37	-95.23	23.31	-13.00	-43.05	Horizontal			



Site : 03CH21-HY

Condition: -13 3m DRH18-E_LE2C03A18EN_230712 Vertical

: SA n2 20M Ch380000 1RB1 BPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	3783.00	-61.10	RMS	30.33	-23.10	0.83	-95.23	26.07	-13.00	-48.10	Vertical			
2	5674.00	-58.62	RMS	33.44	-21.81	0.71	-95.23	24.27	-13.00	-45.62	Vertical			
3	7565.00	-56.34	RMS	36.73	-21.23	0.37	-95.23	23.02	-13.00	-43.34	Vertical			

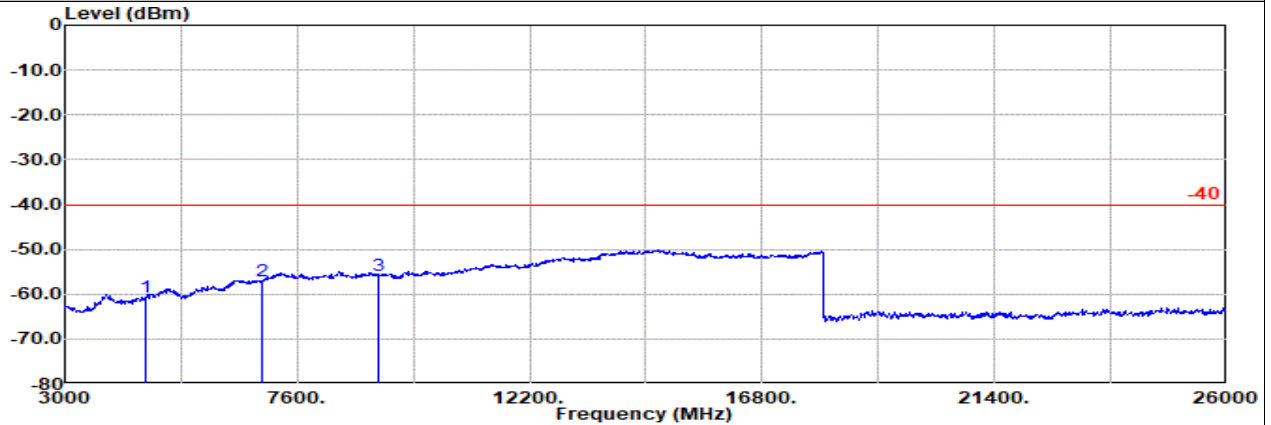


Tx0

Part 27D Mode 3

5G NR n30 10M Ch462000 1RB1 BPSK

M

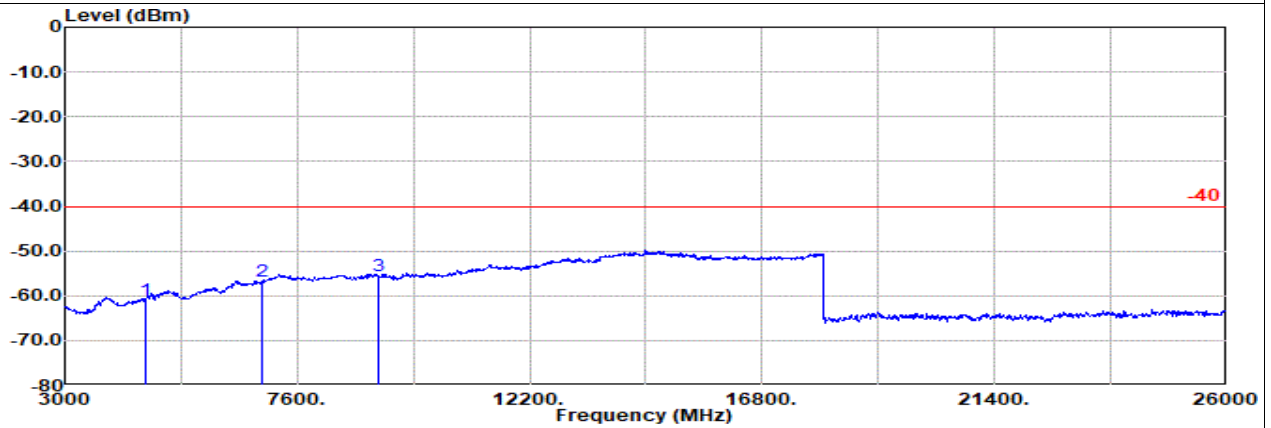


Site : 03CH21-HY

Condition: -40 3m DRH18-E_LE2C03A18EN_230712 Horizontal

: SA n30 10M Ch462000 1RB1 BPSK

	Freq Level		Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		Factor	1			dBm	dB		
1	4612.00	-60.68	RMS	31.85	-22.72	0.64	-95.23	24.78	-40.00	-20.68	Horizontal
2	6917.00	-57.08	RMS	36.33	-21.50	0.45	-95.23	22.87	-40.00	-17.08	Horizontal
3	9223.00	-55.86	RMS	37.05	-21.59	0.45	-95.23	23.46	-40.00	-15.86	Horizontal



Site : 03CH21-HY

Condition: -40 3m DRH18-E_LE2C03A18EN_230712 Vertical

: SA n30 10M Ch462000 1RB1 BPSK

	Freq Level		Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		Factor	1			dBm	dB		
1	4612.00	-60.91	RMS	31.85	-22.72	0.64	-95.23	24.55	-40.00	-20.91	Vertical
2	6917.00	-56.89	RMS	36.33	-21.50	0.45	-95.23	23.06	-40.00	-16.89	Vertical
3	9223.00	-55.56	RMS	37.05	-21.59	0.45	-95.23	23.76	-40.00	-15.56	Vertical

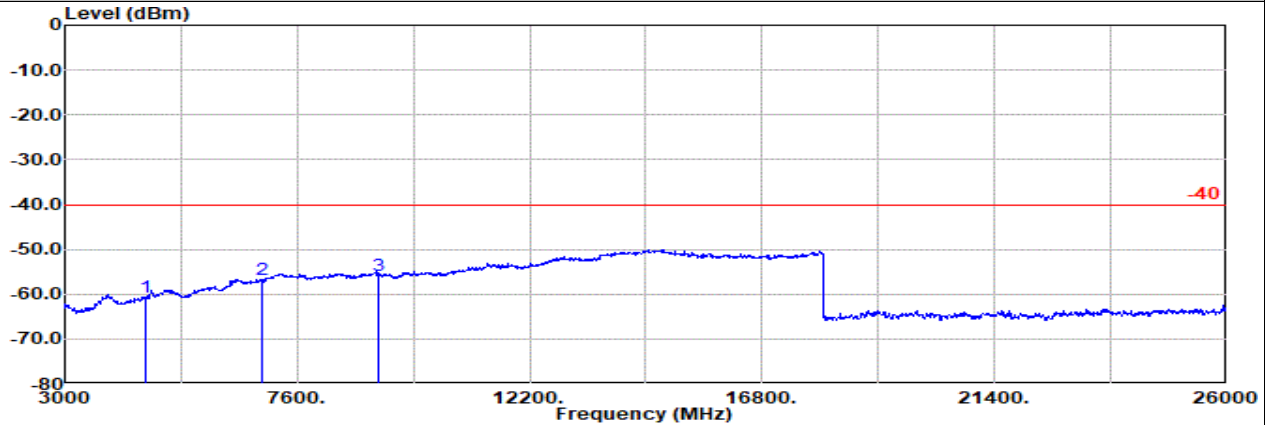


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Part 27D Mode 4

5G NR n30 5M Ch461500 1RB1 BPSK

L

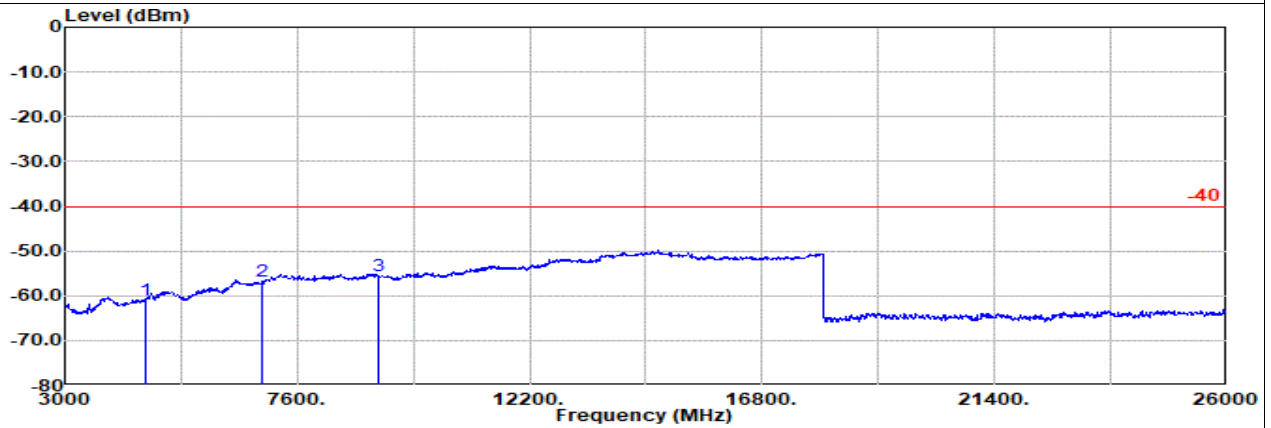


Site : 03CH21-HY

Condition: -40 3m DRH18-E_LE2C03A18EN_230712 Horizontal

: SA n30 5M Ch461500 1RB1 BPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol	
				Factor	1					
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB
1	4611.00	-60.72	RMS	31.84	-22.73	0.64	-95.23	24.76	-40.00	-20.72 Horizontal
2	6917.00	-56.85	RMS	36.33	-21.50	0.45	-95.23	23.10	-40.00	-16.85 Horizontal
3	9222.00	-55.82	RMS	37.06	-21.59	0.45	-95.23	23.49	-40.00	-15.82 Horizontal



Site : 03CH21-HY

Condition: -40 3m DRH18-E_LE2C03A18EN_230712 Vertical

: SA n30 5M Ch461500 1RB1 BPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol	
				Factor	1					
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB
1	4611.00	-60.99	RMS	31.84	-22.73	0.64	-95.23	24.49	-40.00	-20.99 Vertical
2	6917.00	-56.84	RMS	36.33	-21.50	0.45	-95.23	23.11	-40.00	-16.84 Vertical
3	9222.00	-55.60	RMS	37.06	-21.59	0.45	-95.23	23.71	-40.00	-15.60 Vertical

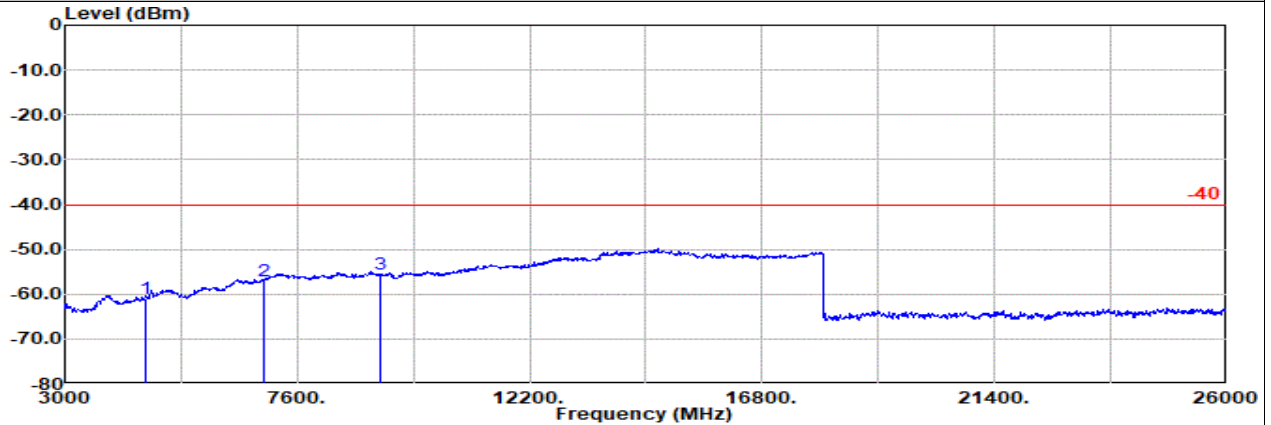


Tx0

Part 27D Mode 4

5G NR n30 5M Ch462000 1RB1 BPSK

M

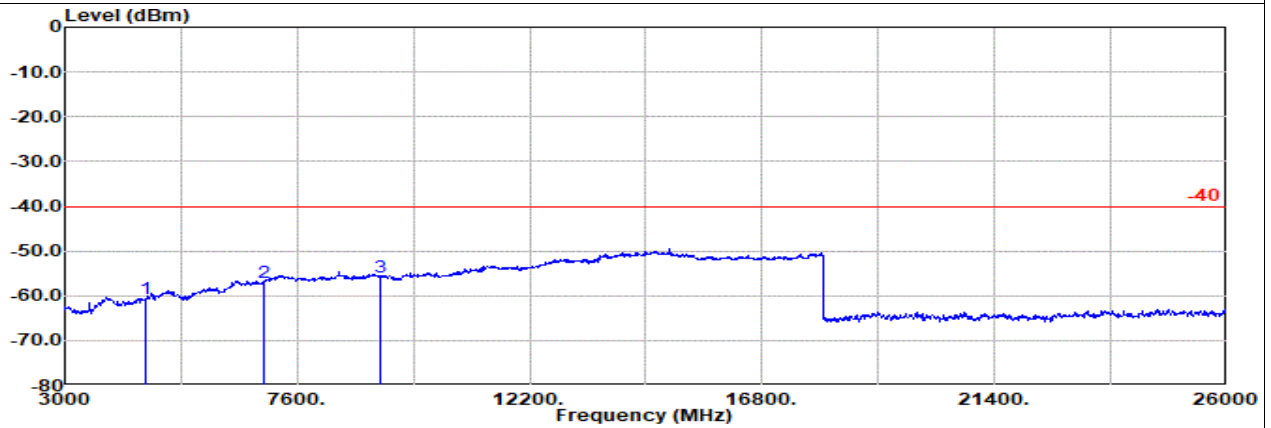


Site : 03CH21-HY

Condition: -40 3m DRH18-E_LE2C03A18EN_230712 Horizontal

: SA n30 5M Ch462000 1RB1 BPSK

	Freq Level		Detector	Ant Factor	Amp\Cb Filter 1		EIRPCF	Reading	Limit		Margin	Pol
	MHz	dBm			dB/m	dB	dB	dBuV	dBm	dB		
1	4616.00	-60.88	RMS	31.86	-22.70	0.64	-95.23	24.55	-40.00	-20.88	Horizontal	
2	6924.00	-57.12	RMS	36.35	-21.50	0.45	-95.23	22.81	-40.00	-17.12	Horizontal	
3	9232.00	-55.62	RMS	37.04	-21.59	0.45	-95.23	23.71	-40.00	-15.62	Horizontal	



Site : 03CH21-HY

Condition: -40 3m DRH18-E_LE2C03A18EN_230712 Vertical

: SA n30 5M Ch462000 1RB1 BPSK

	Freq Level		Detector	Ant Factor	Amp\Cb Filter 1		EIRPCF	Reading	Limit		Margin	Pol
	MHz	dBm			dB/m	dB	dB	dBuV	dBm	dB		
1	4616.00	-60.66	RMS	31.86	-22.70	0.64	-95.23	24.77	-40.00	-20.66	Vertical	
2	6924.00	-57.09	RMS	36.35	-21.50	0.45	-95.23	22.84	-40.00	-17.09	Vertical	
3	9232.00	-55.86	RMS	37.04	-21.59	0.45	-95.23	23.47	-40.00	-15.86	Vertical	

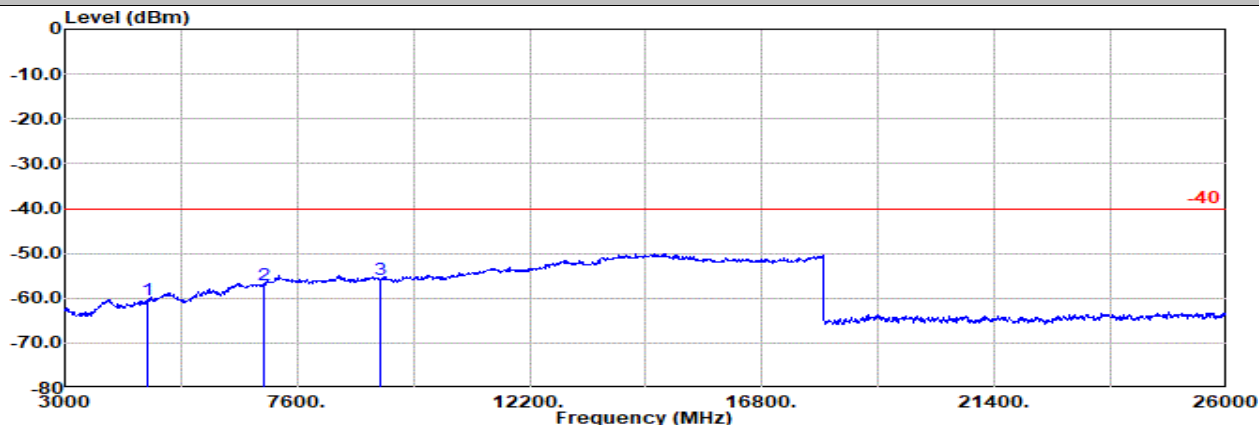


Tx0

Part 27D Mode 4

5G NR n30 5M Ch462500 1RB1 BPSK

H

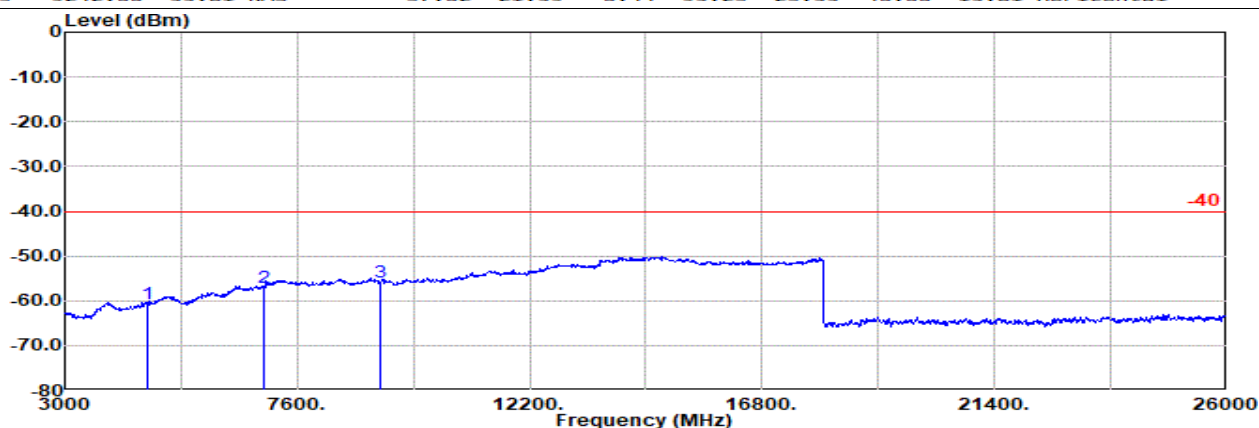


Site : 03CH21-HY

Condition: -40 3m DRH18-E_LE2C03A18EN_230712 Horizontal

: SA n30 5M Ch462500 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm									
1	4621.00	-60.51	RMS	31.88	-22.67	0.64	-95.23	24.87	-40.00	-20.51	Horizontal
2	6932.00	-57.12	RMS	36.36	-21.50	0.45	-95.23	22.80	-40.00	-17.12	Horizontal
3	9242.00	-55.81	RMS	37.02	-21.59	0.44	-95.23	23.55	-40.00	-15.81	Horizontal



Site : 03CH21-HY

Condition: -40 3m DRH18-E_LE2C03A18EN_230712 Vertical

: SA n30 5M Ch462500 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm									
1	4621.00	-60.63	RMS	31.88	-22.67	0.64	-95.23	24.75	-40.00	-20.63	Vertical
2	6932.00	-57.04	RMS	36.36	-21.50	0.45	-95.23	22.88	-40.00	-17.04	Vertical
3	9242.00	-55.70	RMS	37.02	-21.59	0.44	-95.23	23.66	-40.00	-15.70	Vertical

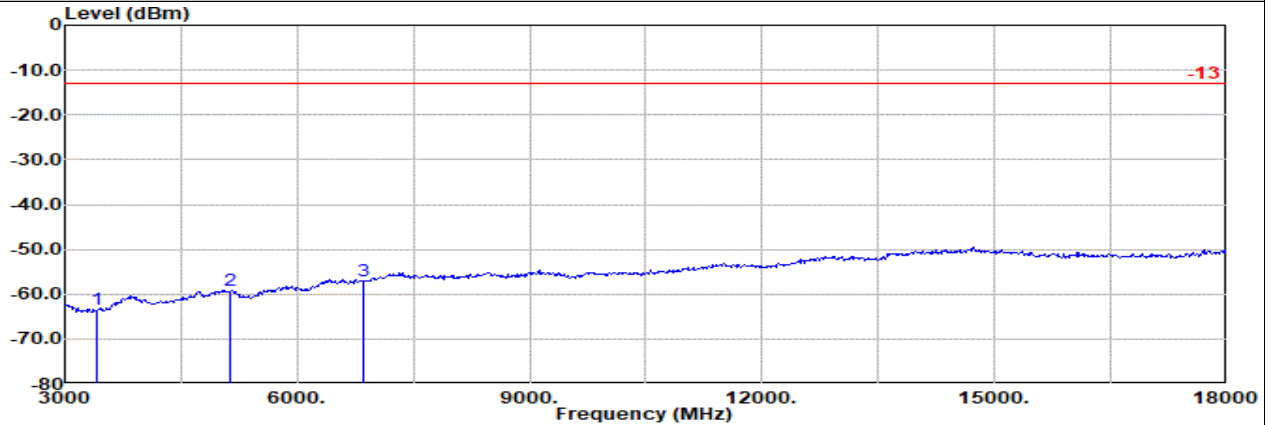


Tx0

Part 27L Mode 10

5G NR n66 20M Ch344000 1RB1 BPSK

L

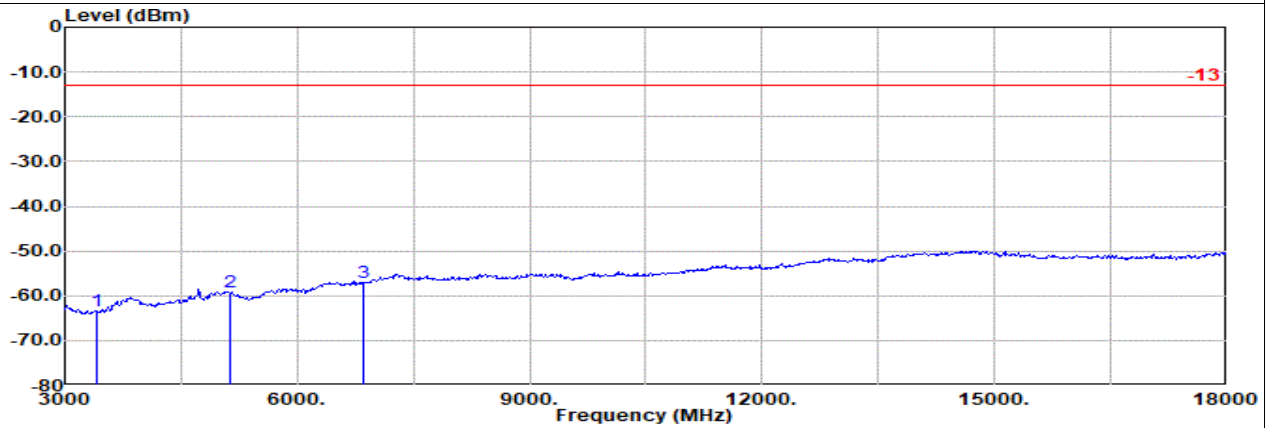


Site : 03CH21-HY

Condition: -13 3m DRH18-E_LE2C03A18EN_230712 Horizontal

: SA n66 20M Ch344000 1RB1 BPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	3423.00	-63.44	RMS	28.59	-23.26	1.08	-95.23	25.38	-13.00	-50.44	Horizontal			
2	5134.00	-59.25	RMS	32.60	-21.73	0.40	-95.23	24.71	-13.00	-46.25	Horizontal			
3	6845.00	-57.00	RMS	36.21	-21.50	0.44	-95.23	23.08	-13.00	-44.00	Horizontal			



Site : 03CH21-HY

Condition: -13 3m DRH18-E_LE2C03A18EN_230712 Vertical

: SA n66 20M Ch344000 1RB1 BPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	3423.00	-63.46	RMS	28.59	-23.26	1.08	-95.23	25.36	-13.00	-50.46	Vertical			
2	5134.00	-59.16	RMS	32.60	-21.73	0.40	-95.23	24.80	-13.00	-46.16	Vertical			
3	6845.00	-56.93	RMS	36.21	-21.50	0.44	-95.23	23.15	-13.00	-43.93	Vertical			

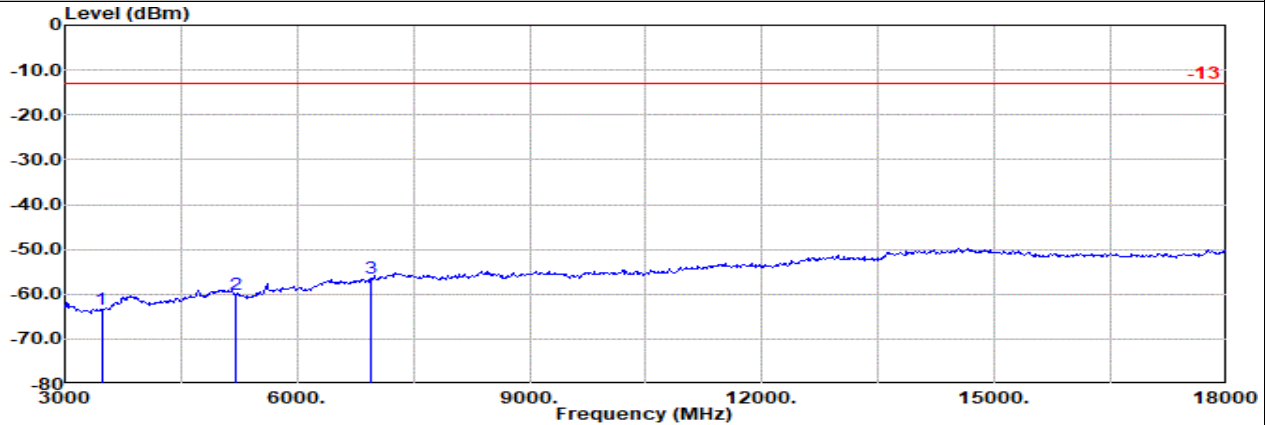


Tx0

Part 27L Mode 10

5G NR n66 20M Ch349000 1RB1 BPSK

M

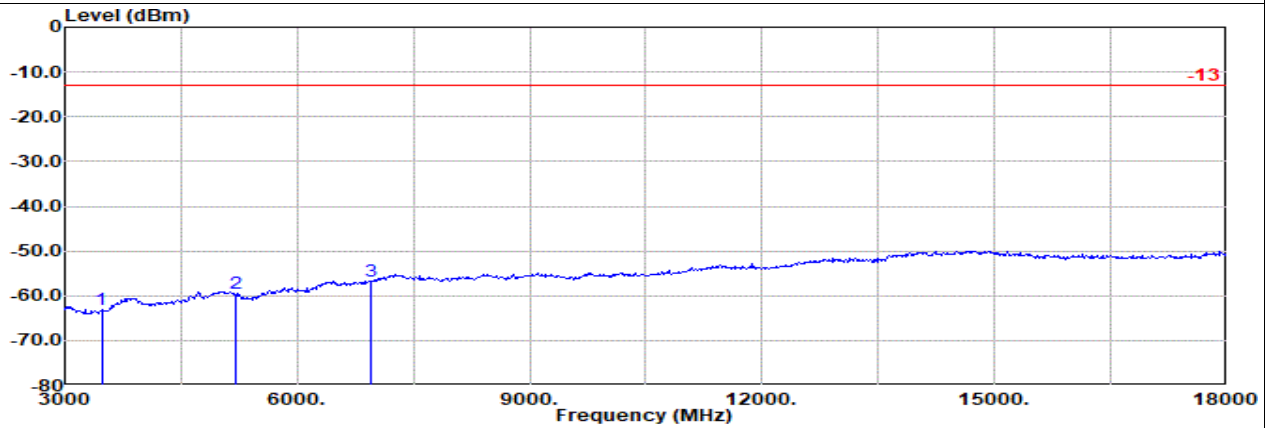


Site : 03CH21-HY

Condition: -13 3m DRH18-E_LE2C03A18EN_230712 Horizontal

: SA n66 20M Ch349000 1RB1 BPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	3473.00	-63.42	RMS	28.79	-23.31	1.02	-95.23	25.31	-13.00	-50.42	Horizontal			
2	5209.00	-59.98	RMS	32.60	-21.75	0.40	-95.23	24.00	-13.00	-46.98	Horizontal			
3	6945.00	-56.52	RMS	36.39	-21.51	0.45	-95.23	23.38	-13.00	-43.52	Horizontal			



Site : 03CH21-HY

Condition: -13 3m DRH18-E_LE2C03A18EN_230712 Vertical

: SA n66 20M Ch349000 1RB1 BPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	3473.00	-63.07	RMS	28.79	-23.31	1.02	-95.23	25.66	-13.00	-50.07	Vertical			
2	5209.00	-59.53	RMS	32.60	-21.75	0.40	-95.23	24.45	-13.00	-46.53	Vertical			
3	6945.00	-56.65	RMS	36.39	-21.51	0.45	-95.23	23.25	-13.00	-43.65	Vertical			

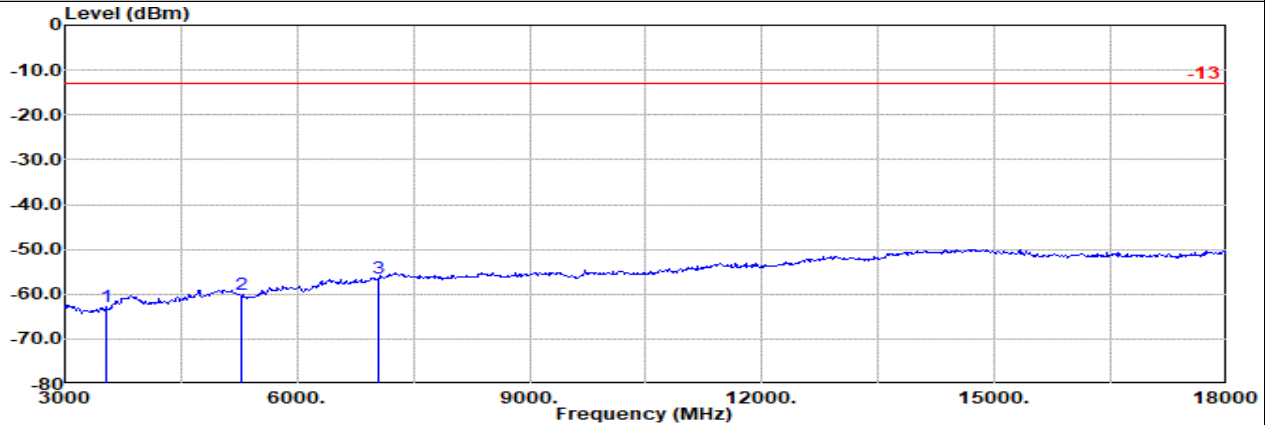


Tx0

Part 27L Mode 10

5G NR n66 20M Ch354000 1RB1 BPSK

H

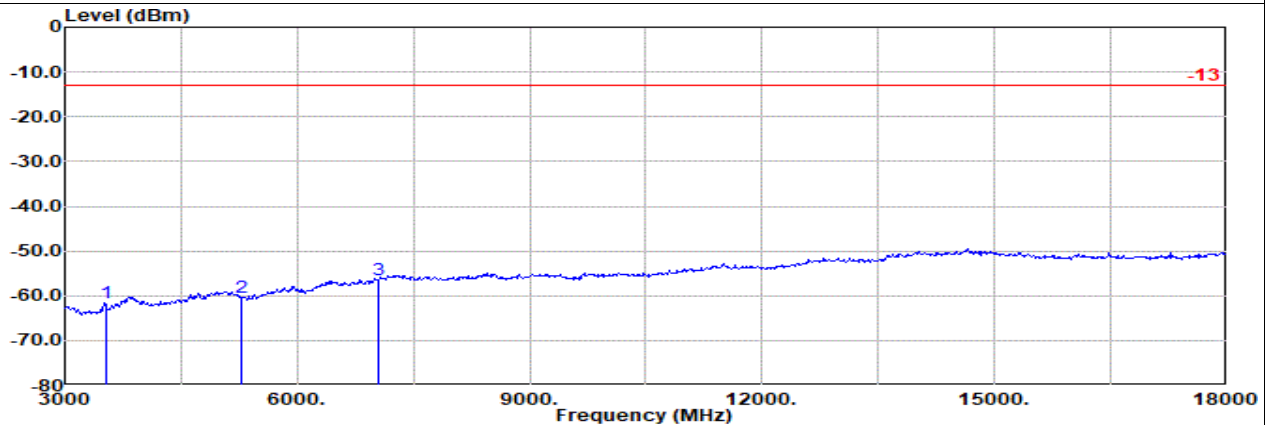


Site : 03CH21-HY

Condition: -13 3m DRH18-E_LE2C03A18EN_230712 Horizontal

: SA n66 20M Ch354000 1RB1 BPSK

	Freq Level		Detector	Ant Factor	Amp\Cb Filter 1		EIRPCF	Reading	Limit		Margin	Pol
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB	
1	3523.00	-62.92	RMS		29.08	-23.34	0.96	-95.23	25.61	-13.00	-49.92	Horizontal
2	5284.00	-60.13	RMS		32.53	-21.77	0.50	-95.23	23.84	-13.00	-47.13	Horizontal
3	7045.00	-56.36	RMS		36.50	-21.47	0.46	-95.23	23.38	-13.00	-43.36	Horizontal



Site : 03CH21-HY

Condition: -13 3m DRH18-E_LE2C03A18EN_230712 Vertical

: SA n66 20M Ch354000 1RB1 BPSK

	Freq Level		Detector	Ant Factor	Amp\Cb Filter 1		EIRPCF	Reading	Limit		Margin	Pol
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB	
1	3523.00	-61.67	RMS		29.08	-23.34	0.96	-95.23	26.86	-13.00	-48.67	Vertical
2	5284.00	-60.24	RMS		32.53	-21.77	0.50	-95.23	23.73	-13.00	-47.24	Vertical
3	7045.00	-56.55	RMS		36.50	-21.47	0.46	-95.23	23.19	-13.00	-43.55	Vertical

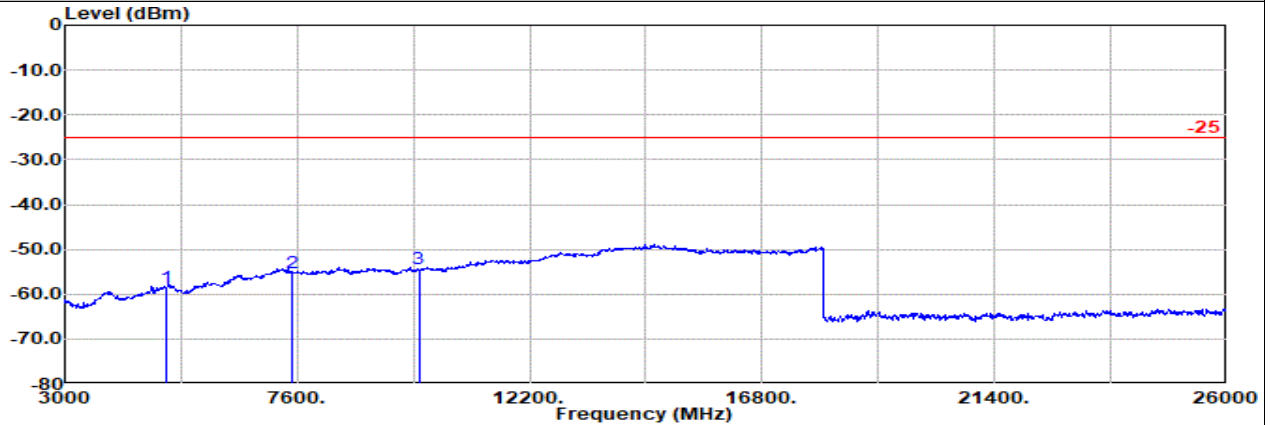


Tx0

Part 27M Mode 17

5G NR n7 20M Ch502000 1RB1 BPSK

L

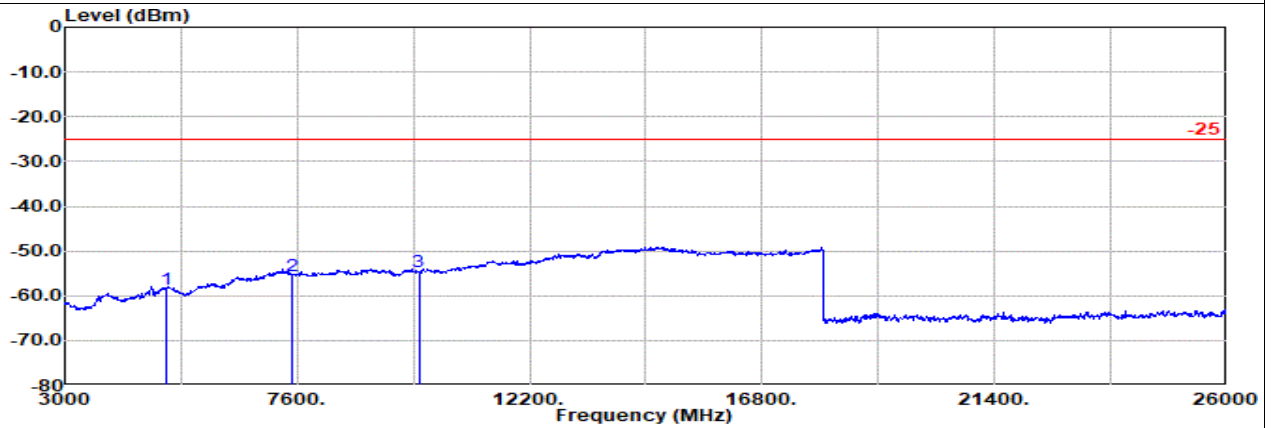


Site : 03CH21-HY

Condition: -25 3m DRH18-E_LE2C03A18EN_230712 Horizontal

: SA n7 20M Ch502000 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb l	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	5003.00	-58.52	RMS	32.69	-21.71	0.41	-95.23	25.32	-25.00	-33.52	Horizontal
2	7504.00	-55.24	RMS	36.79	-21.20	0.39	-95.23	24.01	-25.00	-30.24	Horizontal
3	10005.00	-54.38	RMS	37.30	-21.40	0.41	-95.23	24.54	-25.00	-29.38	Horizontal



Site : 03CH21-HY

Condition: -25 3m DRH18-E_LE2C03A18EN_230712 Vertical

: SA n7 20M Ch502000 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb l	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	5003.00	-58.58	RMS	32.69	-21.71	0.41	-95.23	25.26	-25.00	-33.58	Vertical
2	7504.00	-55.41	RMS	36.79	-21.20	0.39	-95.23	23.84	-25.00	-30.41	Vertical
3	10005.00	-54.70	RMS	37.30	-21.40	0.41	-95.23	24.22	-25.00	-29.70	Vertical

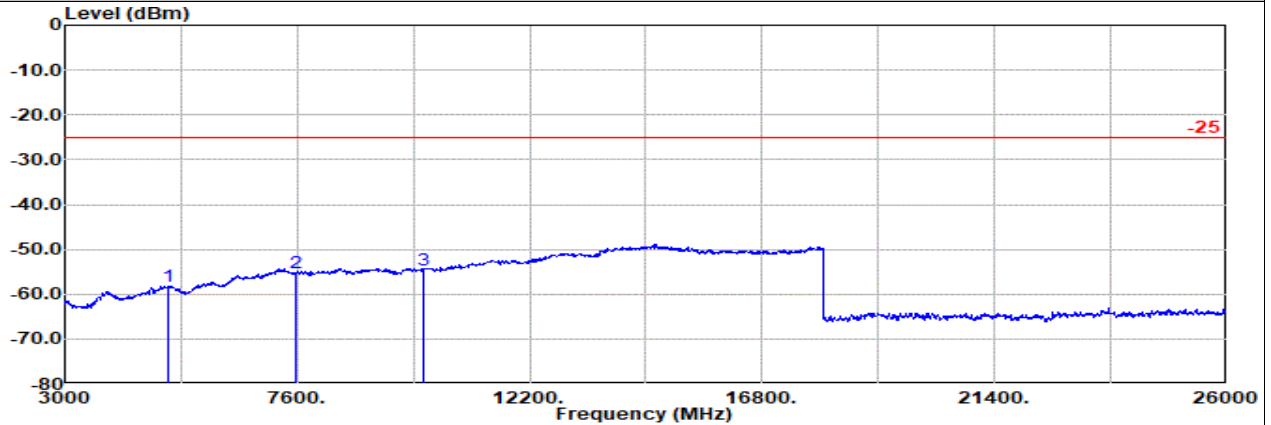


Tx0

Part 27M Mode 17

5G NR n7 20M Ch507000 1RB1 BPSK

M

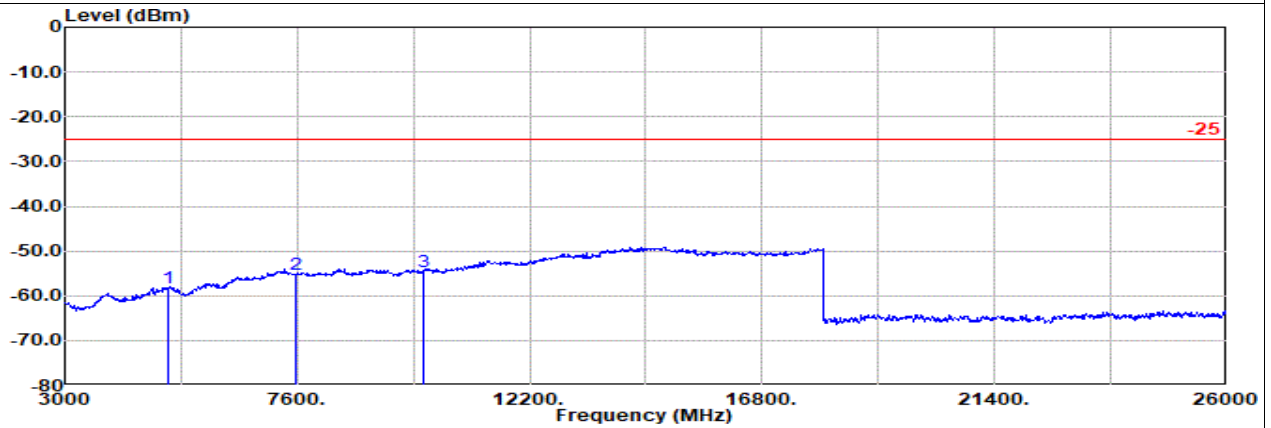


Site : 03CH21-HY

Condition: -25 3m DRH18-E_LE2C03A18EN_230712 Horizontal

: SA n7 20M Ch507000 1RB1 BPSK

	Freq Level		Detector	Ant Factor	Amp\Cb Filter 1		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB	
1	5053.00	-58.14	RMS	32.60	-21.72	0.40	-95.23	25.81	-25.00	-33.14	Horizontal	
2	7579.00	-55.34	RMS	36.76	-21.24	0.37	-95.23	24.00	-25.00	-30.34	Horizontal	
3	10105.00	-54.59	RMS	37.21	-21.47	0.42	-95.23	24.48	-25.00	-29.59	Horizontal	



Site : 03CH21-HY

Condition: -25 3m DRH18-E_LE2C03A18EN_230712 Vertical

: SA n7 20M Ch507000 1RB1 BPSK

	Freq Level		Detector	Ant Factor	Amp\Cb Filter 1		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB	
1	5053.00	-58.31	RMS	32.60	-21.72	0.40	-95.23	25.64	-25.00	-33.31	Vertical	
2	7579.00	-55.32	RMS	36.76	-21.24	0.37	-95.23	24.02	-25.00	-30.32	Vertical	
3	10105.00	-54.60	RMS	37.21	-21.47	0.42	-95.23	24.47	-25.00	-29.60	Vertical	

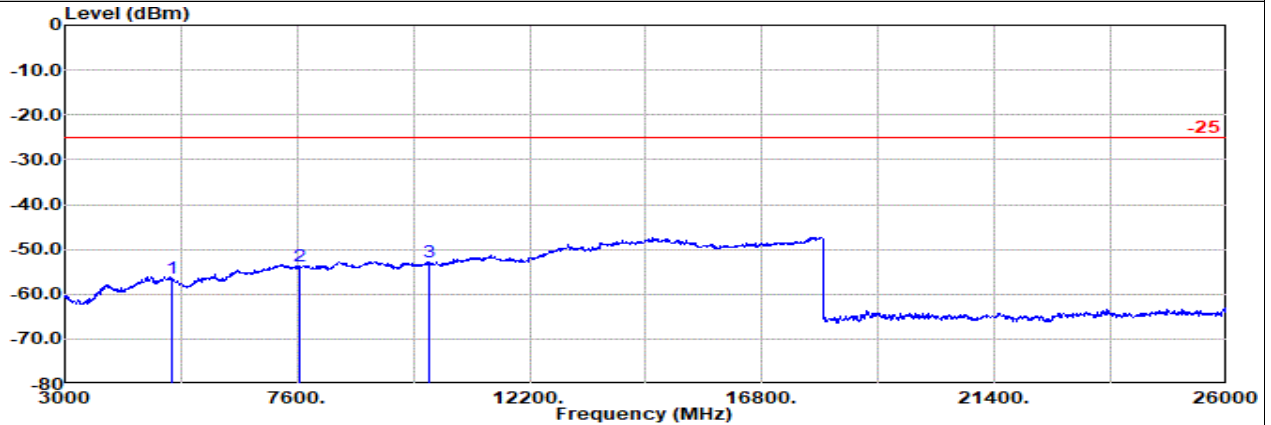


Tx0

Part 27M Mode 17

5G NR n7 20M Ch512000 1RB1 BPSK

H

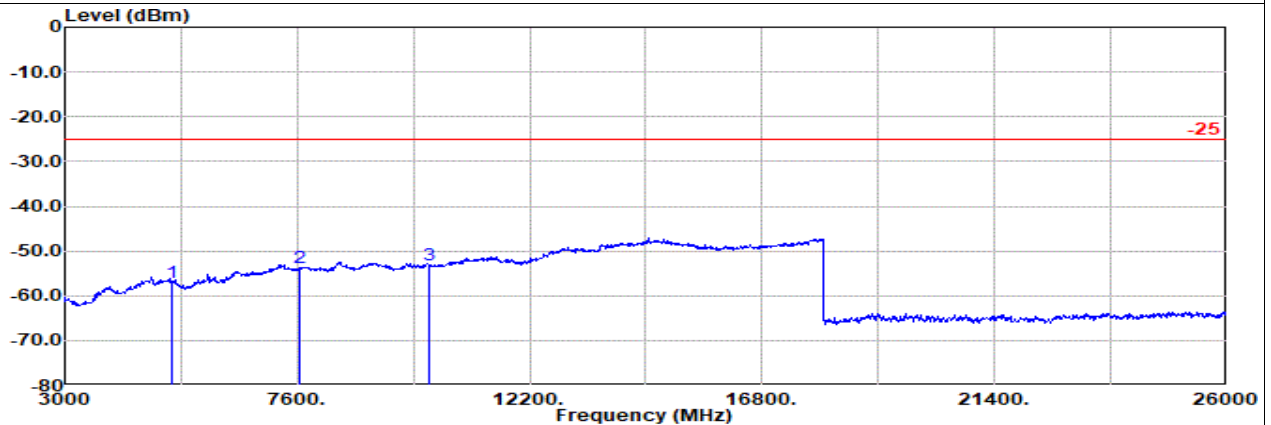


Site : 03CH21-HY

Condition: -25 3m DRH18-E_LE2C03A18EN_230712 Horizontal

: SA n7 20M Ch512000 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb Filter 1		EIRPCF	Reading	Limit	Margin Pol	
					dB/m	dB					
1	5103.00	-56.43	RMS	32.60	-20.05	0.40	-95.23	25.85	-25.00	-31.43	Horizontal
2	7654.00	-53.72	RMS	36.69	-20.11	0.37	-95.23	24.56	-25.00	-28.72	Horizontal
3	10205.00	-52.80	RMS	37.38	-20.39	0.44	-95.23	25.00	-25.00	-27.80	Horizontal



Site : 03CH21-HY

Condition: -25 3m DRH18-E_LE2C03A18EN_230712 Vertical

: SA n7 20M Ch512000 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb Filter 1		EIRPCF	Reading	Limit	Margin Pol	
					dB/m	dB					
1	5103.00	-57.08	RMS	32.60	-20.05	0.40	-95.23	25.20	-25.00	-32.08	Vertical
2	7654.00	-53.62	RMS	36.69	-20.11	0.37	-95.23	24.66	-25.00	-28.62	Vertical
3	10205.00	-53.21	RMS	37.38	-20.39	0.44	-95.23	24.59	-25.00	-28.21	Vertical

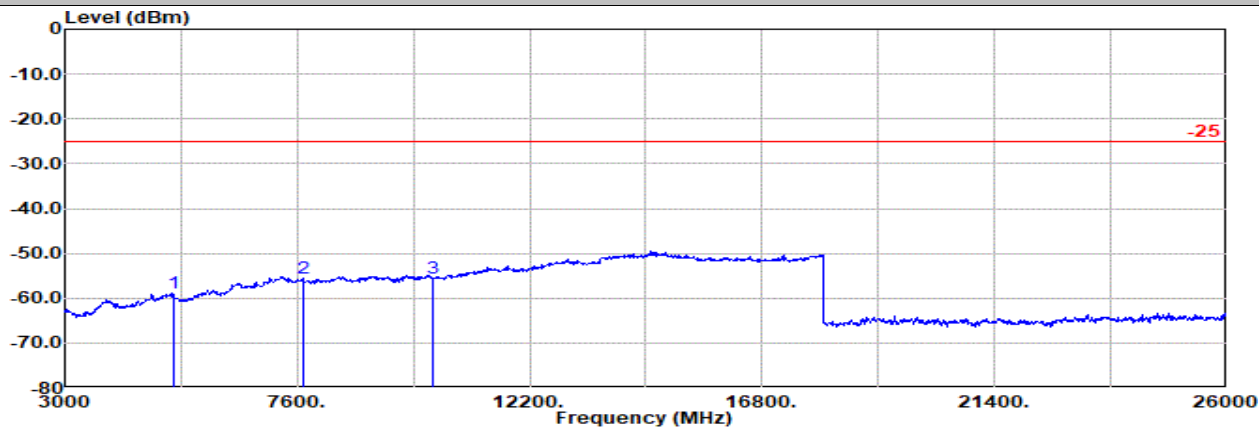


Tx0

Part 27M Mode 18

5G NR n38 20M Ch516000 1RB1 BPSK

L

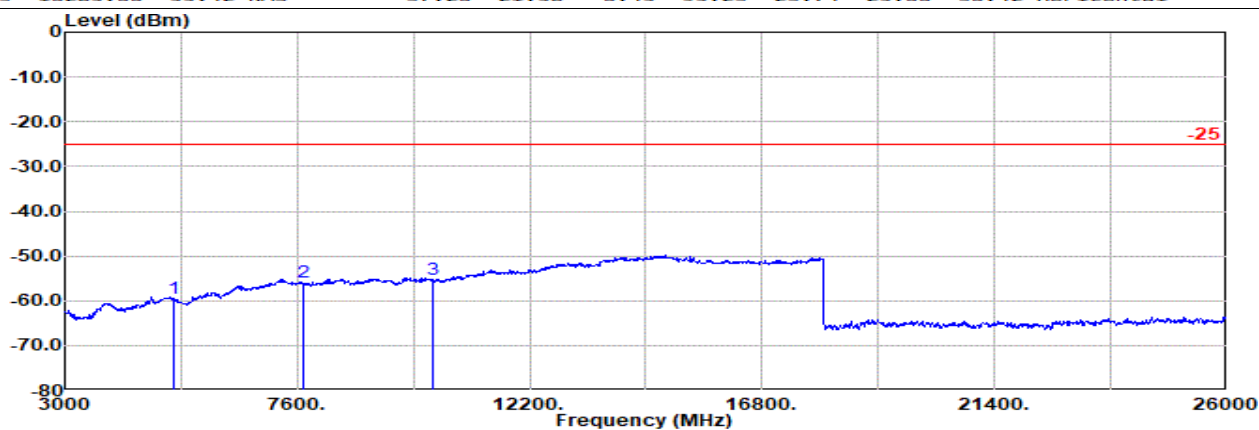


Site : 03CH21-HY

Condition: -25 3m DRH18-E_LE2C03A18EN_230712 Horizontal

: SA n38 20M Ch516000 1RB1 BPSK

	Freq Level		Detector	Ant Factor	Amp\Cb Filter 1		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB	
1	5143.00	-58.72	RMS	32.60	-21.73	0.40	-95.23	25.24	-25.00	-33.72	Horizontal	
2	7714.00	-55.60	RMS	36.60	-21.33	0.39	-95.23	23.97	-25.00	-30.60	Horizontal	
3	10285.00	-55.42	RMS	37.20	-21.58	0.45	-95.23	23.74	-25.00	-30.42	Horizontal	



Site : 03CH21-HY

Condition: -25 3m DRH18-E_LE2C03A18EN_230712 Vertical

: SA n38 20M Ch516000 1RB1 BPSK

	Freq Level		Detector	Ant Factor	Amp\Cb Filter 1		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB	
1	5143.00	-59.34	RMS	32.60	-21.73	0.40	-95.23	24.62	-25.00	-34.34	Vertical	
2	7714.00	-55.97	RMS	36.60	-21.33	0.39	-95.23	23.60	-25.00	-30.97	Vertical	
3	10285.00	-55.33	RMS	37.20	-21.58	0.45	-95.23	23.83	-25.00	-30.33	Vertical	

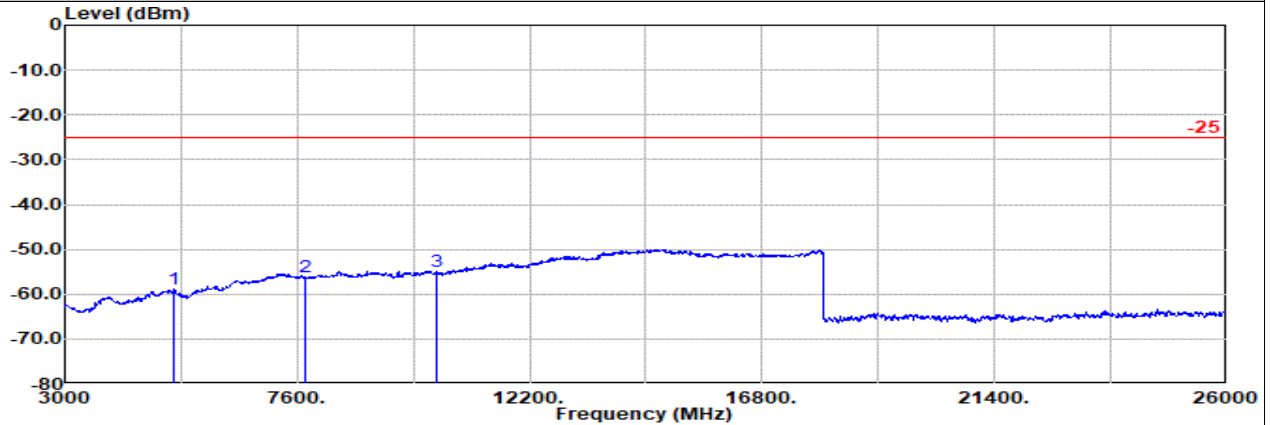


Tx0

Part 27M Mode 18

5G NR n38 20M Ch519000 1RB1 BPSK

M

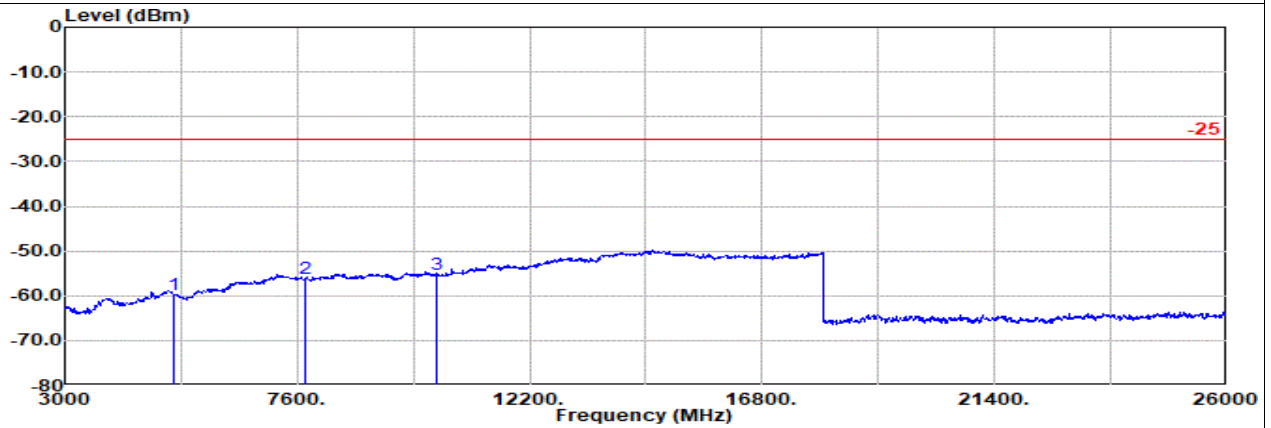


Site : 03CH21-HY

Condition: -25 3m DRH18-E_LE2C03A18EN_230712 Horizontal

: SA n38 20M Ch519000 1RB1 BPSK

	Freq Level		Detector	Ant Factor	Amp\Cb Filter 1		EIRPCF	Reading	Limit		Margin	Pol
	MHz	dBm			dB/m	dB		dB	dBuV	dBm	dB	
1	5173.00	-59.00	RMS	32.60	-21.74	0.39	-95.23	24.98	-25.00	-34.00	Horizontal	
2	7759.00	-56.09	RMS	36.60	-21.36	0.40	-95.23	23.50	-25.00	-31.09	Horizontal	
3	10345.00	-54.99	RMS	37.38	-21.61	0.45	-95.23	24.02	-25.00	-29.99	Horizontal	



Site : 03CH21-HY

Condition: -25 3m DRH18-E_LE2C03A18EN_230712 Vertical

: SA n38 20M Ch519000 1RB1 BPSK

	Freq Level		Detector	Ant Factor	Amp\Cb Filter 1		EIRPCF	Reading	Limit		Margin	Pol
	MHz	dBm			dB/m	dB		dB	dBuV	dBm	dB	
1	5173.00	-59.66	RMS	32.60	-21.74	0.39	-95.23	24.32	-25.00	-34.66	Vertical	
2	7759.00	-56.08	RMS	36.60	-21.36	0.40	-95.23	23.51	-25.00	-31.08	Vertical	
3	10345.00	-55.12	RMS	37.38	-21.61	0.45	-95.23	23.89	-25.00	-30.12	Vertical	

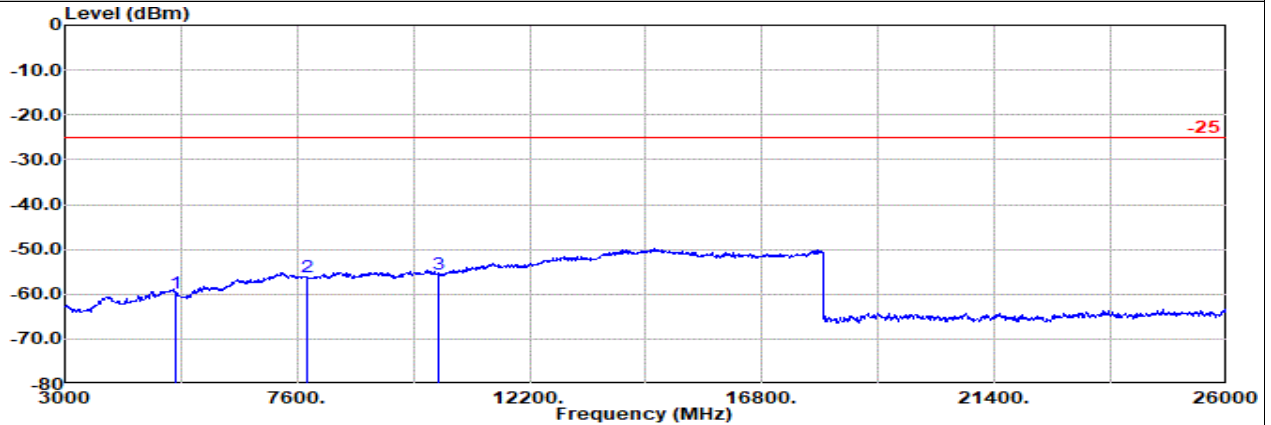


Tx0

Part 27M Mode 18

5G NR n38 20M Ch522000 1RB1 BPSK

H

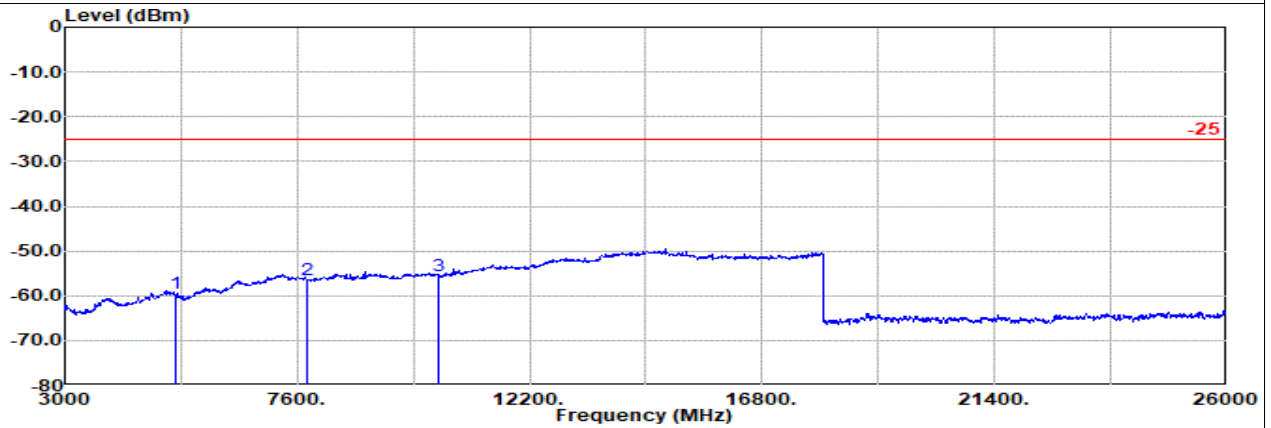


Site : 03CH21-HY

Condition: -25 3m DRH18-E_LE2C03A18EN_230712 Horizontal

: SA n38 20M Ch522000 1RB1 BPSK

	Freq Level		Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		Factor	1			dBuV	dBm		
1	5203.00	-59.70	RMS	32.60	-21.74	0.39	-95.23	24.28	-25.00	-34.70	Horizontal
2	7804.00	-56.03	RMS	36.60	-21.39	0.41	-95.23	23.58	-25.00	-31.03	Horizontal
3	10405.00	-55.48	RMS	37.28	-21.65	0.46	-95.23	23.66	-25.00	-30.48	Horizontal



Site : 03CH21-HY

Condition: -25 3m DRH18-E_LE2C03A18EN_230712 Vertical

: SA n38 20M Ch522000 1RB1 BPSK

	Freq Level		Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		Factor	1			dBuV	dBm		
1	5203.00	-59.50	RMS	32.60	-21.74	0.39	-95.23	24.48	-25.00	-34.50	Vertical
2	7804.00	-56.32	RMS	36.60	-21.39	0.41	-95.23	23.29	-25.00	-31.32	Vertical
3	10405.00	-55.58	RMS	37.28	-21.65	0.46	-95.23	23.56	-25.00	-30.58	Vertical

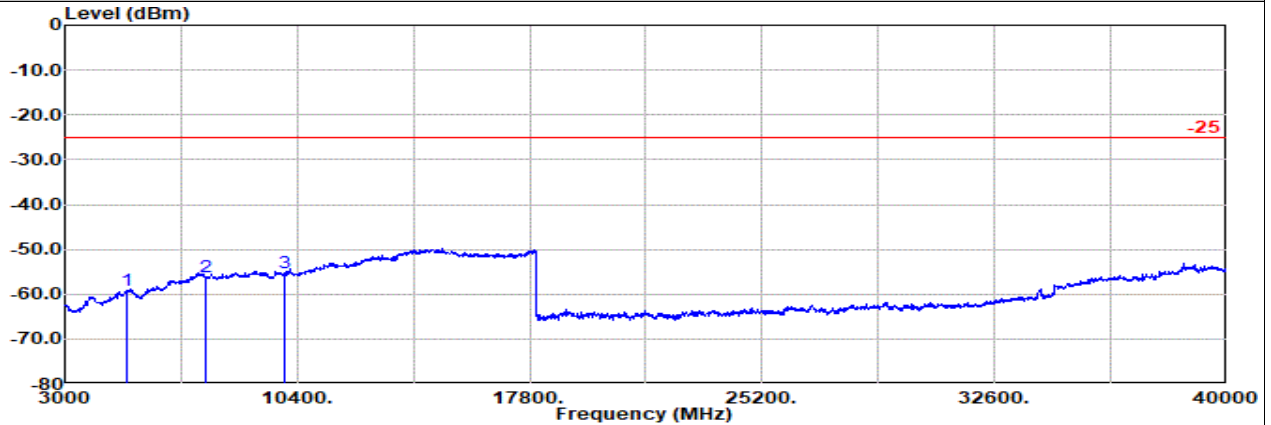


Tx0

Part 27M Mode 19

5G NR n41 20M Ch501204 1RB1 BPSK

L

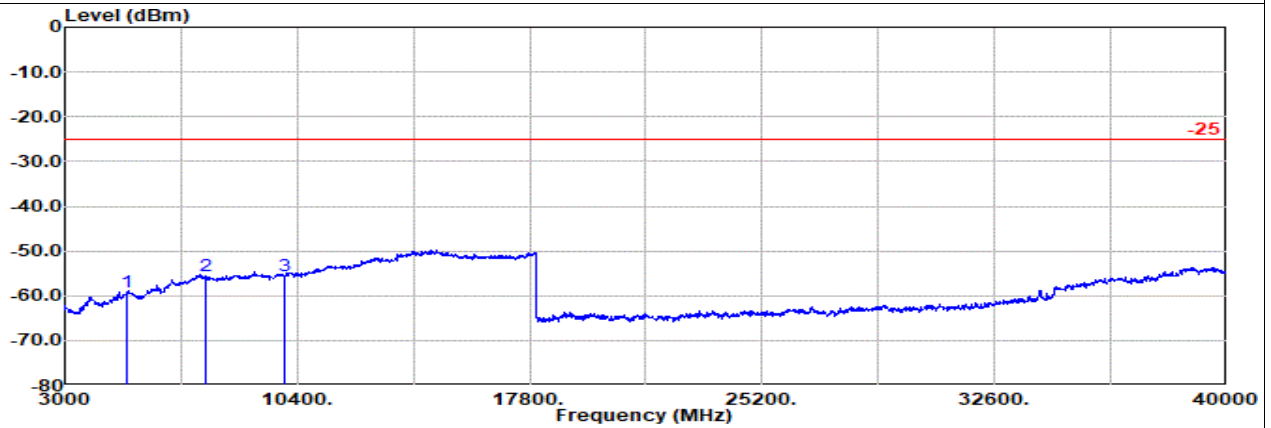


Site : 03CH21-HY

Condition: -25 3m DRH18-E_LE2C03A18EN_230712 Horizontal

: SA n41 20M Ch501204 1RB1 BPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	4995.00	-59.26	RMS	32.70	-21.71	0.41	-95.23	24.57	-25.00	-34.26	Horizontal			
2	7492.00	-56.14	RMS	36.82	-21.21	0.39	-95.23	23.09	-25.00	-31.14	Horizontal			
3	9989.00	-55.12	RMS	37.30	-21.41	0.41	-95.23	23.81	-25.00	-30.12	Horizontal			



Site : 03CH21-HY

Condition: -25 3m DRH18-E_LE2C03A18EN_230712 Vertical

: SA n41 20M Ch501204 1RB1 BPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	4995.00	-59.13	RMS	32.70	-21.71	0.41	-95.23	24.70	-25.00	-34.13	Vertical			
2	7492.00	-55.68	RMS	36.82	-21.21	0.39	-95.23	23.55	-25.00	-30.68	Vertical			
3	9989.00	-55.48	RMS	37.30	-21.41	0.41	-95.23	23.45	-25.00	-30.48	Vertical			

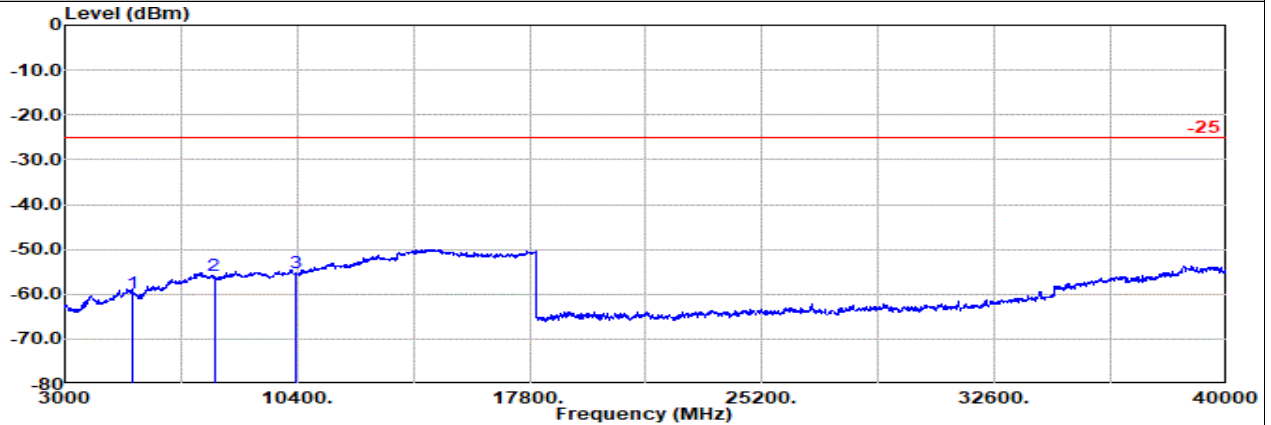


Tx0

Part 27M Mode 19

5G NR n41 20M Ch518598 1RB1 BPSK

M

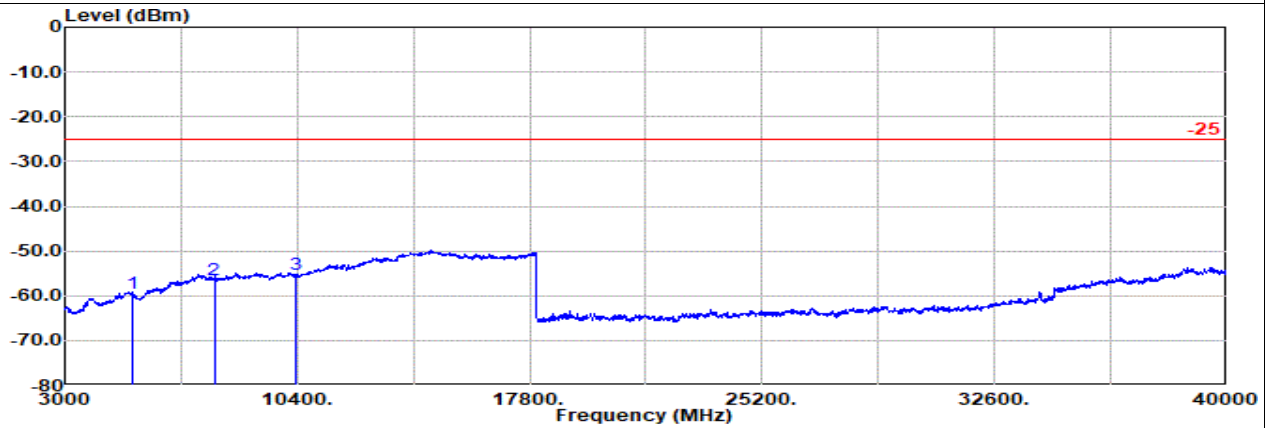


Site : 03CH21-HY

Condition: -25 3m DRH18-E_LE2C03A18EN_230712 Horizontal

: SA n41 20M Ch518598 1RB1 BPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	5169.00	-59.72	RMS	32.60	-21.74	0.39	-95.23	24.26	-25.00	-34.72	Horizontal			
2	7753.00	-55.80	RMS	36.60	-21.35	0.40	-95.23	23.78	-25.00	-30.80	Horizontal			
3	10337.00	-55.32	RMS	37.35	-21.61	0.45	-95.23	23.72	-25.00	-30.32	Horizontal			



Site : 03CH21-HY

Condition: -25 3m DRH18-E_LE2C03A18EN_230712 Vertical

: SA n41 20M Ch518598 1RB1 BPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	5169.00	-59.56	RMS	32.60	-21.74	0.39	-95.23	24.42	-25.00	-34.56	Vertical			
2	7753.00	-56.34	RMS	36.60	-21.35	0.40	-95.23	23.24	-25.00	-31.34	Vertical			
3	10337.00	-55.28	RMS	37.35	-21.61	0.45	-95.23	23.76	-25.00	-30.28	Vertical			

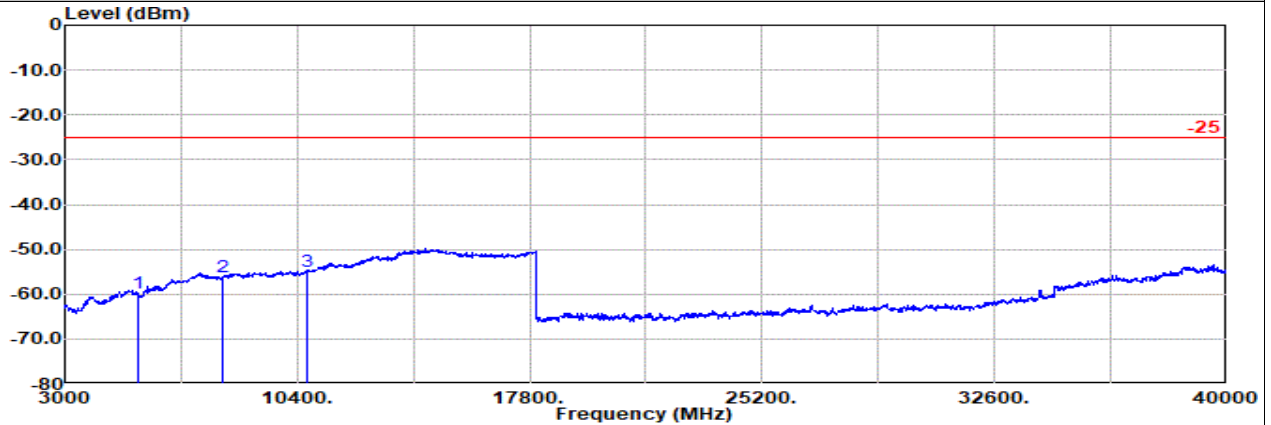


Tx0

Part 27M Mode 19

5G NR n41 20M Ch535998 1RB1 BPSK

H

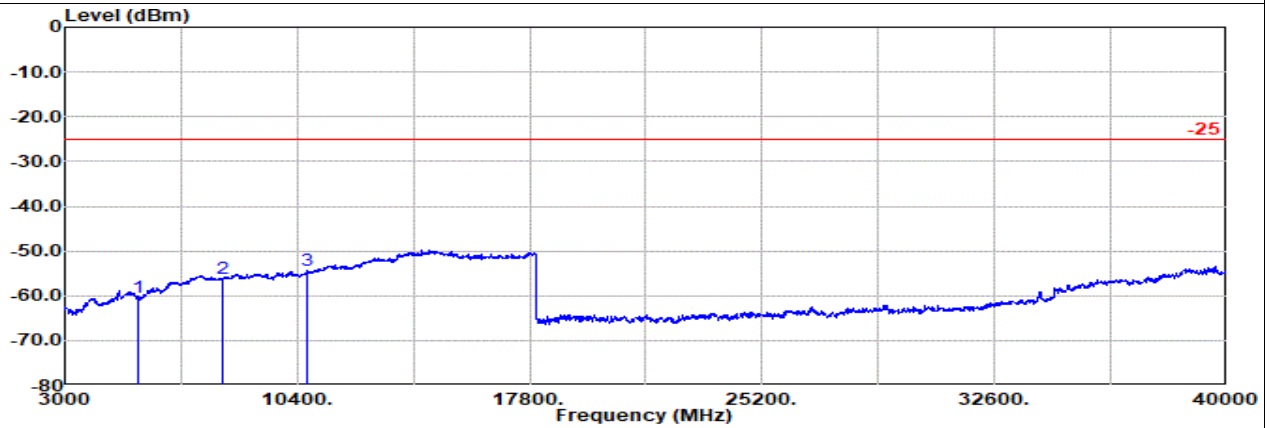


Site : 03CH21-HY

Condition: -25 3m DRH18-E_LE2C03A18EN_230712 Horizontal

: SA n41 20M Ch535998 1RB1 BPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol	
				Factor	1					
	MHz	dBm								
1	5343.00	-59.64	RMS	32.41	-21.78	0.58	-95.23	24.38	-25.00	-34.64 Horizontal
2	8014.00	-56.25	RMS	36.67	-21.57	0.38	-95.23	23.50	-25.00	-31.25 Horizontal
3	10685.00	-54.80	RMS	37.50	-21.68	0.50	-95.23	24.11	-25.00	-29.80 Horizontal



Site : 03CH21-HY

Condition: -25 3m DRH18-E_LE2C03A18EN_230712 Vertical

: SA n41 20M Ch535998 1RB1 BPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol	
				Factor	1					
	MHz	dBm								
1	5343.00	-60.39	RMS	32.41	-21.78	0.58	-95.23	23.63	-25.00	-35.39 Vertical
2	8014.00	-56.10	RMS	36.67	-21.57	0.38	-95.23	23.65	-25.00	-31.10 Vertical
3	10685.00	-54.25	RMS	37.50	-21.68	0.50	-95.23	24.66	-25.00	-29.25 Vertical

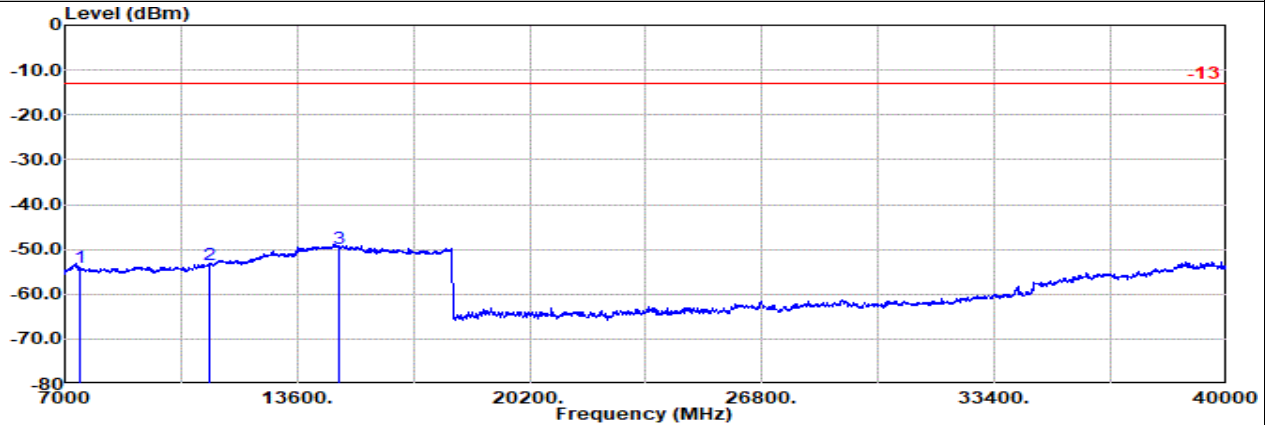


Tx2

Part 270 Mode 22

5G NR n77 20M Ch647334 1RB1 BPSK

L

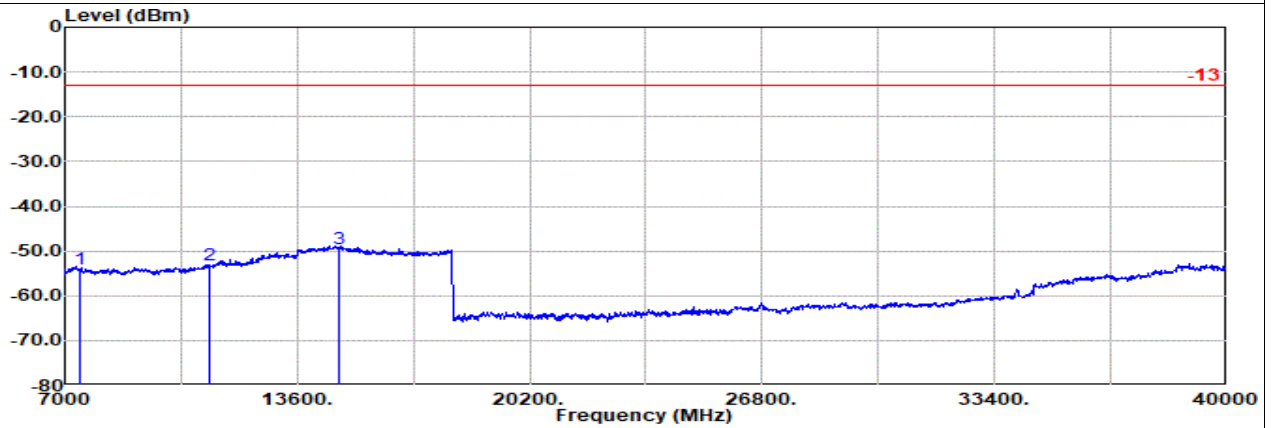


Site : 03CH21-HY

Condition: -13 3m DRH18-E_LE2C03A18EN_230712 Horizontal

: SA n77 20M Ch647334 1RB1 BPSK

	Freq Level		Detector	Ant Factor	Amp\Cb Filter 1		EIRPCF	Reading	Limit		Margin	Pol
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7403.00	-53.98	RMS		36.90	-21.26	1.03	-95.23	24.58	-13.00	-40.98	Horizontal
2	11104.00	-53.48	RMS		38.11	-21.61	0.44	-95.23	24.81	-13.00	-40.48	Horizontal
3	14805.00	-49.68	RMS		41.60	-23.08	0.42	-95.23	26.61	-13.00	-36.68	Horizontal



Site : 03CH21-HY

Condition: -13 3m DRH18-E_LE2C03A18EN_230712 Vertical

: SA n77 20M Ch647334 1RB1 BPSK

	Freq Level		Detector	Ant Factor	Amp\Cb Filter 1		EIRPCF	Reading	Limit		Margin	Pol
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7403.00	-54.15	RMS		36.90	-21.26	1.03	-95.23	24.41	-13.00	-41.15	Vertical
2	11104.00	-53.05	RMS		38.11	-21.61	0.44	-95.23	25.24	-13.00	-40.05	Vertical
3	14805.00	-49.39	RMS		41.60	-23.08	0.42	-95.23	26.90	-13.00	-36.39	Vertical

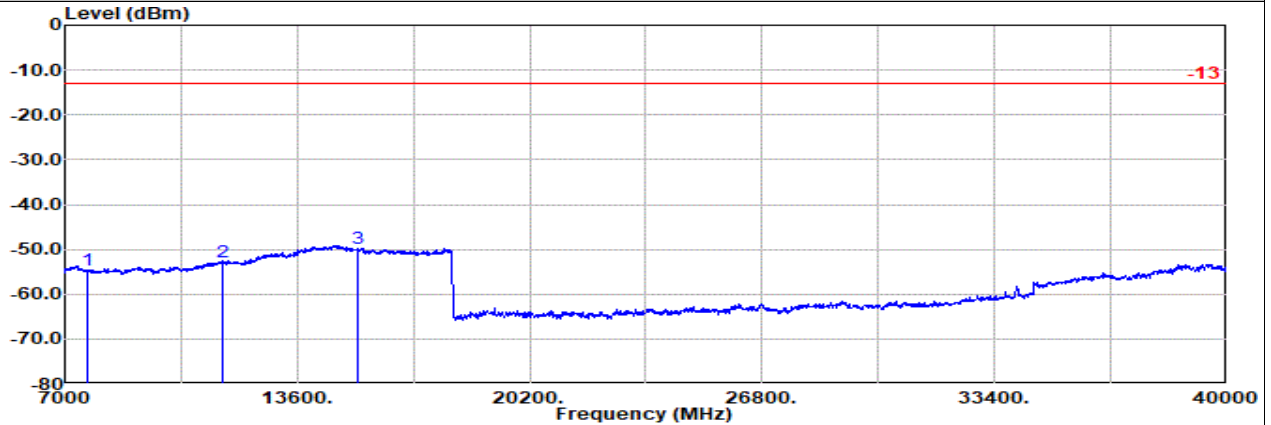


Tx2

Part 270 Mode 22

5G NR n77 20M Ch656000 1RB1 BPSK

M

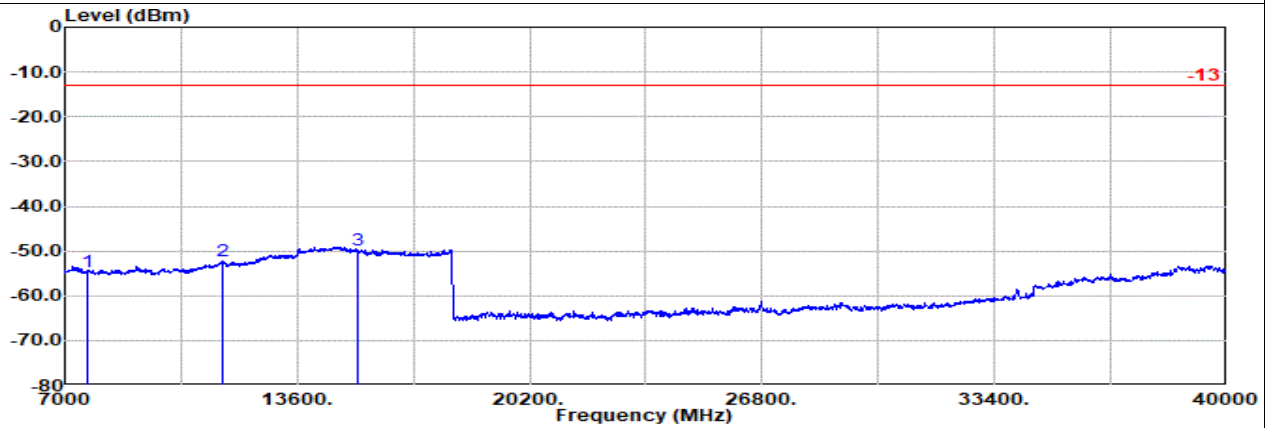


Site : 03CH21-HY

Condition: -13 3m DRH18-E_LE2C03A18EN_230712 Horizontal

: SA n77 20M Ch656000 1RB1 BPSK

	Freq Level		Detector	Ant Factor	Amp\Cb Filter 1		EIRPCF	Reading	Limit		Margin	Pol
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7663.00	-54.53	RMS	36.67	-21.29	0.80	-95.23	24.52	-13.00	-41.53	Horizontal	
2	11494.00	-52.84	RMS	38.70	-21.55	0.44	-95.23	24.80	-13.00	-39.84	Horizontal	
3	15325.00	-49.86	RMS	40.90	-23.17	0.43	-95.23	27.21	-13.00	-36.86	Horizontal	



Site : 03CH21-HY

Condition: -13 3m DRH18-E_LE2C03A18EN_230712 Vertical

: SA n77 20M Ch656000 1RB1 BPSK

	Freq Level		Detector	Ant Factor	Amp\Cb Filter 1		EIRPCF	Reading	Limit		Margin	Pol
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7663.00	-54.77	RMS	36.67	-21.29	0.80	-95.23	24.28	-13.00	-41.77	Vertical	
2	11494.00	-52.21	RMS	38.70	-21.55	0.44	-95.23	25.43	-13.00	-39.21	Vertical	
3	15325.00	-49.95	RMS	40.90	-23.17	0.43	-95.23	27.12	-13.00	-36.95	Vertical	

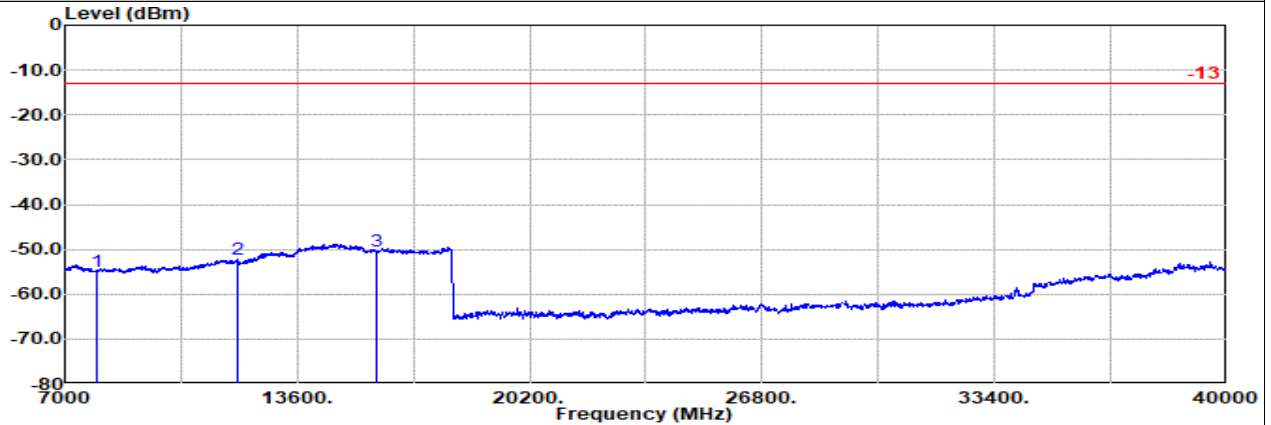


Tx2

Part 270 Mode 22

5G NR n77 20M Ch664666 1RB1 BPSK

H

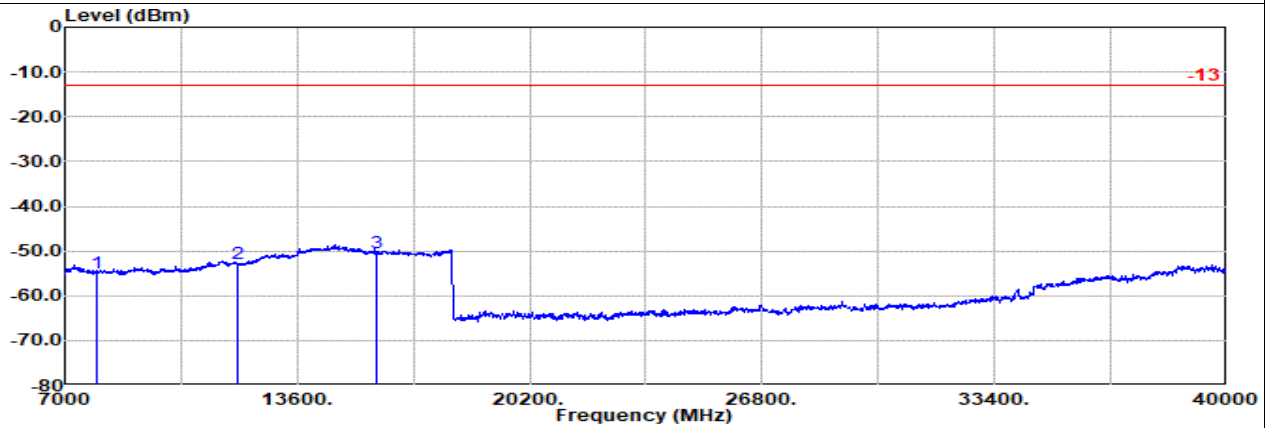


Site : 03CH21-HY

Condition: -13 3m DRH18-E_LE2C03A18EN_230712 Horizontal

: SA n77 20M Ch664666 1RB1 BPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter 1		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	7923.00	-54.95	RMS	36.60	-21.50	0.84	-95.23	24.34	-13.00	-41.95	Horizontal			
2	11884.00	-52.10	RMS	38.53	-21.78	0.43	-95.23	25.95	-13.00	-39.10	Horizontal			
3	15845.00	-50.44	RMS	40.71	-23.40	0.44	-95.23	27.04	-13.00	-37.44	Horizontal			



Site : 03CH21-HY

Condition: -13 3m DRH18-E_LE2C03A18EN_230712 Vertical

: SA n77 20M Ch664666 1RB1 BPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter 1		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	7923.00	-54.89	RMS	36.60	-21.50	0.84	-95.23	24.40	-13.00	-41.89	Vertical			
2	11884.00	-52.84	RMS	38.53	-21.78	0.43	-95.23	25.21	-13.00	-39.84	Vertical			
3	15845.00	-50.48	RMS	40.71	-23.40	0.44	-95.23	27.00	-13.00	-37.48	Vertical			

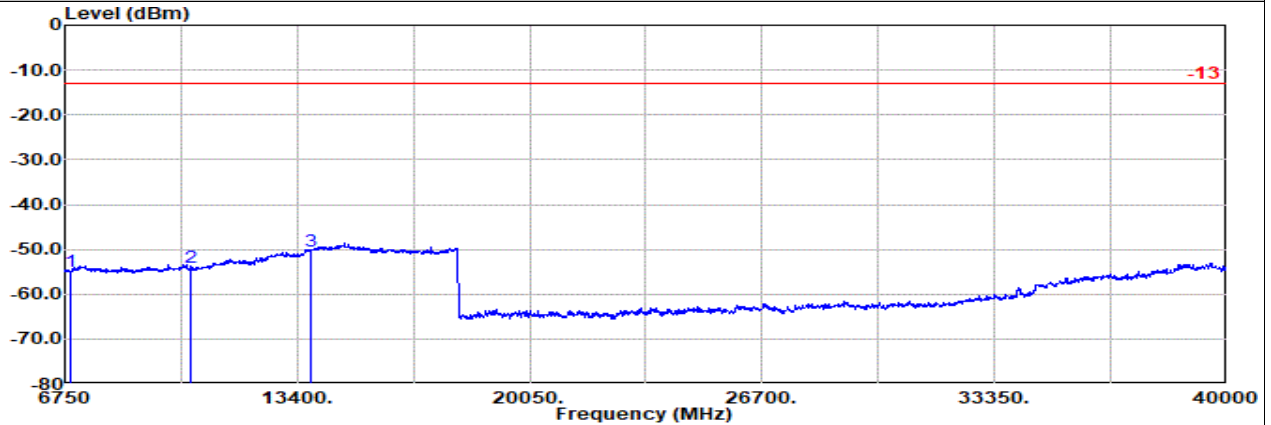


Tx2

Part 27Q Mode 25

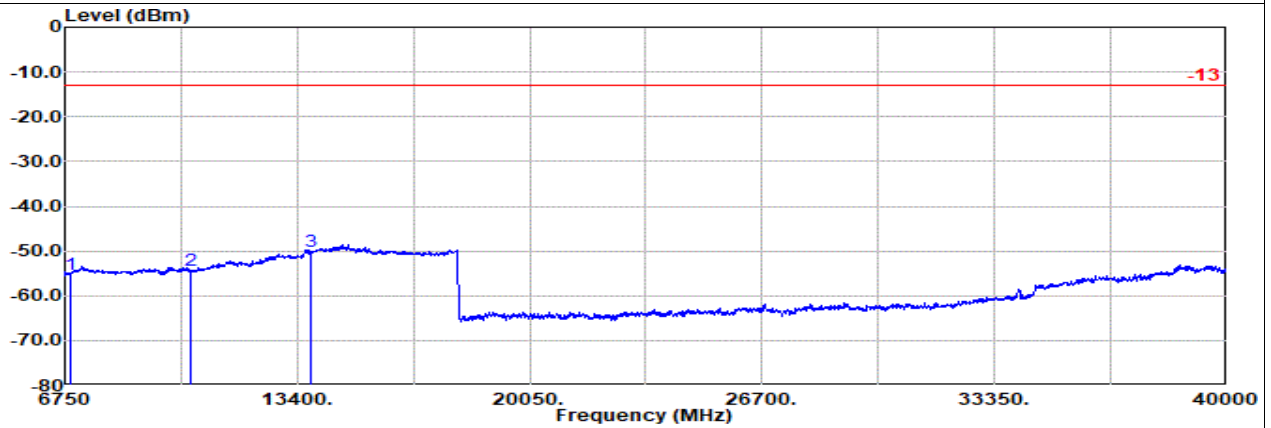
5G NR n77 20M Ch630668 1RB1 BPSK

L



Site : 03CH21-HY
Condition: -13 3m DRH18-E_LE2C03A18EN_230712 Horizontal
: SA n77 20M Ch630668 1RB1 BPSK

	Freq Level		Detector	Ant Factor	Amp\Cb Filter 1		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB	
1	6903.00	-54.96	RMS	36.31	-21.50	1.43	-95.23	24.03	-13.00	-41.96	Horizontal	
2	10354.00	-54.16	RMS	37.39	-21.62	0.57	-95.23	24.73	-13.00	-41.16	Horizontal	
3	13805.00	-50.34	RMS	40.32	-21.94	0.45	-95.23	26.06	-13.00	-37.34	Horizontal	



Site : 03CH21-HY
Condition: -13 3m DRH18-E_LE2C03A18EN_230712 Vertical
: SA n77 20M Ch630668 1RB1 BPSK

	Freq Level		Detector	Ant Factor	Amp\Cb Filter 1		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB	
1	6903.00	-55.11	RMS	36.31	-21.50	1.43	-95.23	23.88	-13.00	-42.11	Vertical	
2	10354.00	-54.44	RMS	37.39	-21.62	0.57	-95.23	24.45	-13.00	-41.44	Vertical	
3	13805.00	-50.22	RMS	40.32	-21.94	0.45	-95.23	26.18	-13.00	-37.22	Vertical	

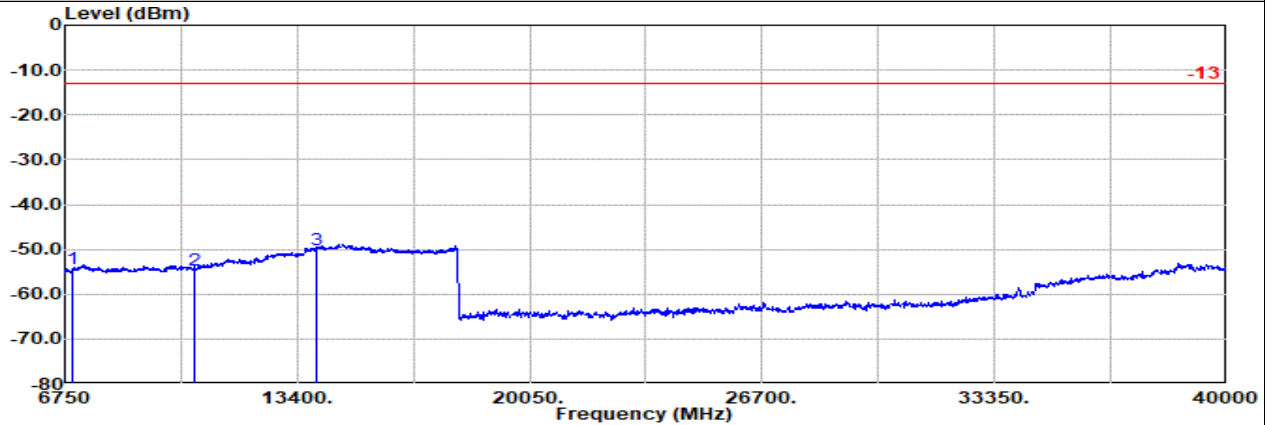


Tx2

Part 27Q Mode 25

5G NR n77 20M Ch633334 1RB1 BPSK

M

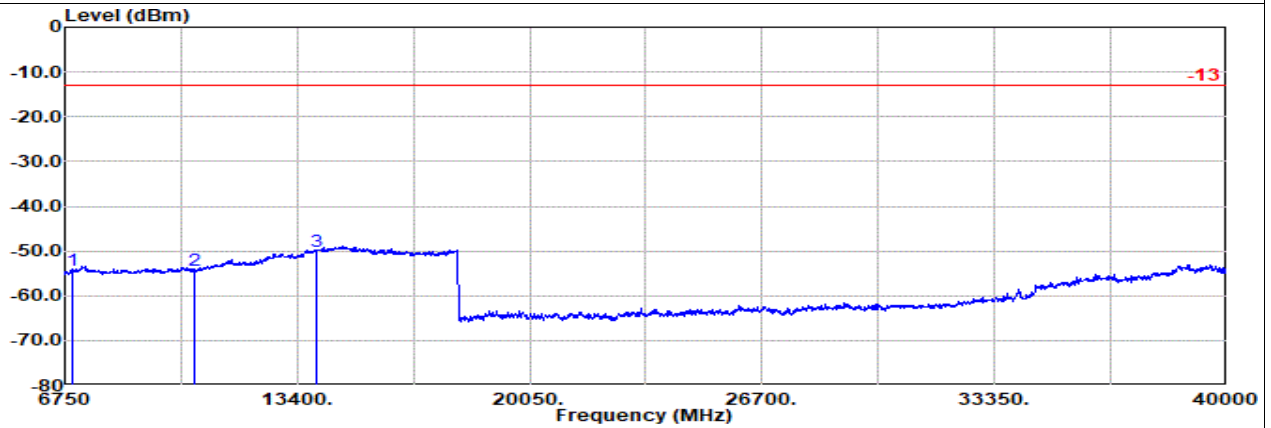


Site : 03CH21-HY

Condition: -13 3m DRH18-E_LE2C03A18EN_230712 Horizontal

: SA n77 20M Ch633334 1RB1 BPSK

	Freq Level		Detector	Ant Factor	Amp\Cb Filter 1		EIRPCF	Reading	Limit		Margin	Pol
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB	
1	6983.00	-54.35	RMS	36.47	-21.51	1.35	-95.23	24.57	-13.00	-41.35	Horizontal	
2	10474.00	-54.76	RMS	37.10	-21.69	0.57	-95.23	24.49	-13.00	-41.76	Horizontal	
3	13965.00	-50.09	RMS	40.76	-22.02	0.45	-95.23	25.95	-13.00	-37.09	Horizontal	



Site : 03CH21-HY

Condition: -13 3m DRH18-E_LE2C03A18EN_230712 Vertical

: SA n77 20M Ch633334 1RB1 BPSK

	Freq Level		Detector	Ant Factor	Amp\Cb Filter 1		EIRPCF	Reading	Limit		Margin	Pol
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB	
1	6983.00	-54.44	RMS	36.47	-21.51	1.35	-95.23	24.48	-13.00	-41.44	Vertical	
2	10474.00	-54.29	RMS	37.10	-21.69	0.57	-95.23	24.96	-13.00	-41.29	Vertical	
3	13965.00	-50.01	RMS	40.76	-22.02	0.45	-95.23	26.03	-13.00	-37.01	Vertical	

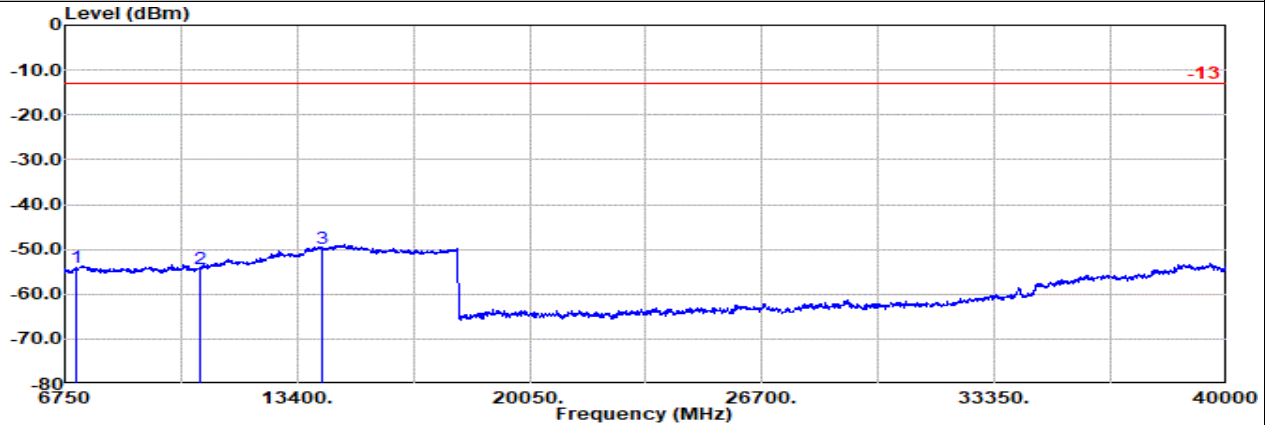


Tx2

Part 27Q Mode 25

5G NR n77 20M Ch636000 1RB1 BPSK

H

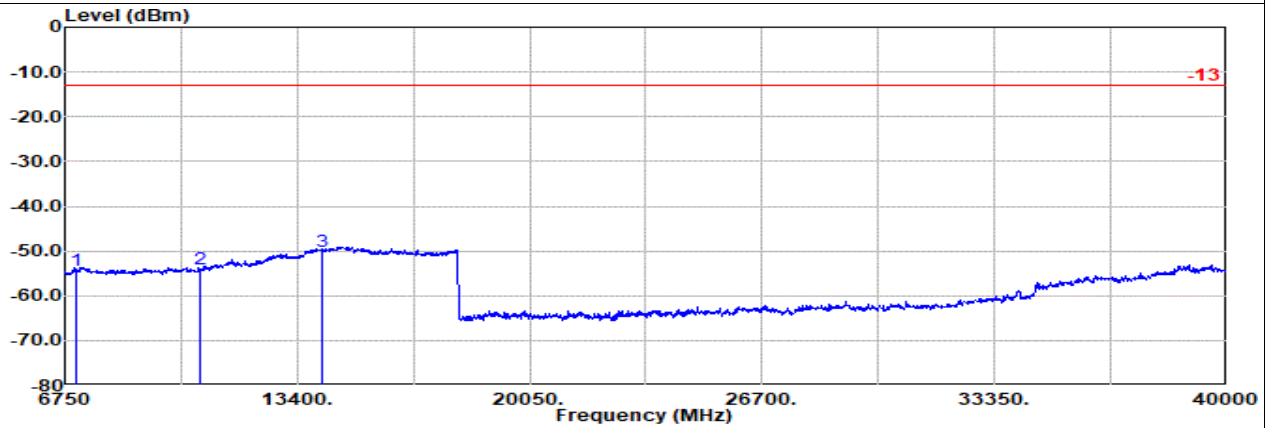


Site : 03CH21-HY

Condition: -13 3m DRH18-E_LE2C03A18EN_230712 Horizontal

: SA n77 20M Ch636000 1RB1 BPSK

	Freq Level		Detector	Ant Factor	Amp\Cb Filter 1		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7063.00	-53.96	RMS		36.47	-21.46	1.25	-95.23	25.01	-13.00	-40.96	Horizontal
2	10594.00	-54.23	RMS		37.39	-21.69	0.56	-95.23	24.74	-13.00	-41.23	Horizontal
3	14125.00	-49.87	RMS		40.95	-22.23	0.46	-95.23	26.18	-13.00	-36.87	Horizontal



Site : 03CH21-HY

Condition: -13 3m DRH18-E_LE2C03A18EN_230712 Vertical

: SA n77 20M Ch636000 1RB1 BPSK

	Freq Level		Detector	Ant Factor	Amp\Cb Filter 1		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7063.00	-54.45	RMS		36.47	-21.46	1.25	-95.23	24.52	-13.00	-41.45	Vertical
2	10594.00	-54.15	RMS		37.39	-21.69	0.56	-95.23	24.82	-13.00	-41.15	Vertical
3	14125.00	-49.97	RMS		40.95	-22.23	0.46	-95.23	26.08	-13.00	-36.97	Vertical

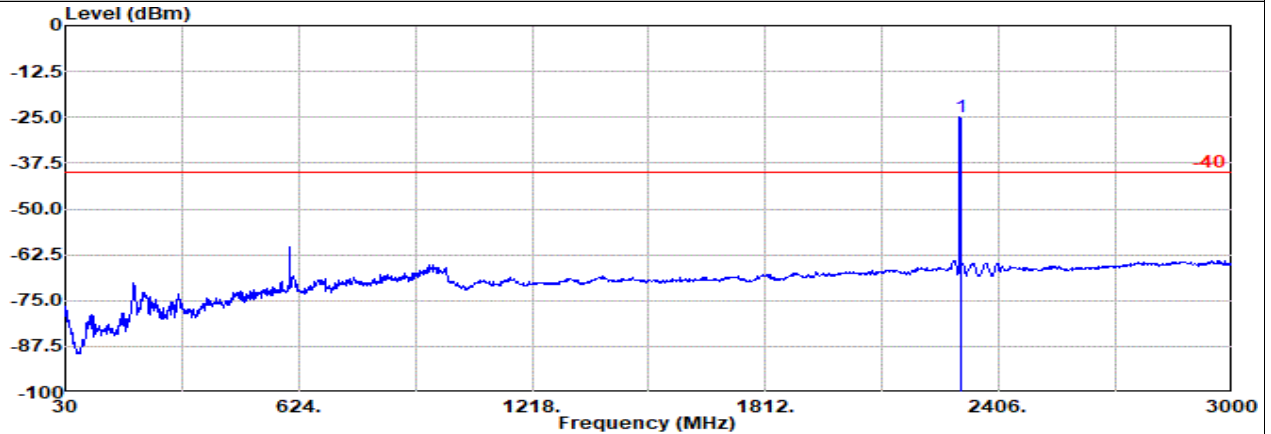


Tx0

Part 27D Mode 3

5G NR n30 10M Ch462000 1RB1 BPSK

M



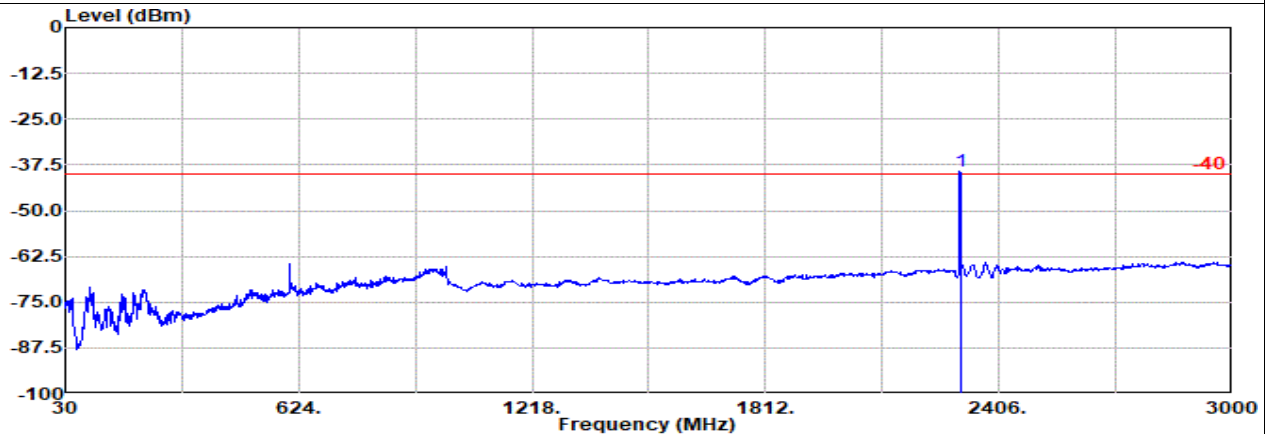
Site : 03CH21-HY

Condition: -40 3m DRH18-E_LE2C03A18EN_230712 Horizontal

: NR n30 10M Ch462000 1RB1 BPSK

: #1 is fundamental signal which can be ignored.

1	Freq	Level	Detector	Ant Factor	Amp	Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm							g	dBm	dB	
1	2310.00	-24.78	RMS	27.00	-24.33	0.46	-95.23	67.32	-40.00	15.22	Horizontal	



Site : 03CH21-HY

Condition: -40 3m DRH18-E_LE2C03A18EN_230712 Vertical

: NR n30 10M Ch462000 1RB1 BPSK

: #1 is fundamental signal which can be ignored.

1	Freq	Level	Detector	Ant Factor	Amp	Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm							g	dBm	dB	
1	2310.00	-39.11	RMS	27.00	-24.33	0.46	-95.23	52.99	-40.00	0.89	Vertical	

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