



FCC RADIO TEST REPORT

FCC ID : GKRRMLN1
Equipment : 5G LGA Module
Brand Name : COMPAL
Model Name : RML-N1
Marketing Name : 5G LGA Module
Applicant : Compal Electronics, Inc.
No.581 & 581-1, Ruiguang Rd., Neihu District,
Taipei, (114) Taiwan
Manufacturer : Compal Electronics, Inc.
No.581 & 581-1, Ruiguang Rd., Neihu District,
Taipei, (114) Taiwan
Standard : FCC 47 CFR Part 2, 22(H), 24(E), 27

The product was received on Mar. 31, 2021 and testing was started from Apr. 21, 2021 and completed on Jun. 22, 2021. 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 report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Approved by: Louis Wu

Sporton International Inc. EMC & Wireless Communications Laboratory

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



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History of this test report

Report No.	Version	Description	Issued Date
FG133040-02B	01	Initial issue of report	Jul. 01, 2021
FG133040-02B	02	1. Revise Product Feature of Equipment Under Test, Support Unit used in test configuration and system, and List of Measuring Equipment 2. Revise note for Frequency Stability 3. Add description for 5G NR n30 limit 4. Revise Setup Photographs	Jul. 09, 2021

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)	Effective Radiated Power (n5)	Pass	
	§27.50 (c)(10)	Effective Radiated Power (n12) (n71)		
	§24.232 (c) §27.50 (h)(2)	Equivalent Isotropic Radiated Power (n2) (n25) (n41)		
	§27.50 (d)(4) §27.50 (j)(3)	Equivalent Isotropic Radiated Power (n66) (n77)		
	§27.50 (a)(3)	Equivalent Isotropic Radiated Power (n30)		
3.3	§24.232 (d) §27.50 (d)(5) §27.50 (j)(4)	Peak-to-Average Ratio	Pass	-
3.4	§2.1049	Occupied Bandwidth	Reporting only	-
3.5	§2.1051 §22.917 (a) §24.238 (a) §27.53 (g) §27.53 (h) §27.53(l)(2)	Conducted Band Edge Measurement (n2) (n5) (n12) (n25) (n66) (n71) (n77)	Pass	-
	§2.1051 §27.53 (m)(4)	Conducted Band Edge Measurement (n41)		
	§2.1051 §27.53 (a)(4)	Conducted Band Edge Measurement (n30)		
3.6	§2.1051 §22.917 (a) §24.238 (a) §27.53 (g) §27.53 (h) §27.53(l)(2)	Conducted Spurious Emission (n2) (n5) (n12) (n25) (n66) (n71) (n77)	Pass	-
	§2.1051 §27.53 (m)(4)	Conducted Spurious Emission (n41)		
	§2.1051 §27.53 (a)(4)	Conducted Spurious Emission (n30)		
3.7	§2.1055 §22.355 §24.235 §27.54	Frequency Stability Temperature & Voltage	Pass	-



Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
4.2	§2.1053 §22.917 (a) §24.238 (a) §27.53 (g) §27.53 (h) §27.53(l)(2)	Radiated Spurious Emission (n2) (n5) (n12) (n25) (n66) (n71) (n77)	Pass	Under limit 0.74 dB at 9216.000 MHz
	§2.1051 §27.53 (m)(4)	Radiated Spurious Emission (n41)		
	§2.1053 §27.53 (a)(4)	Conducted Spurious Emission (n30)		

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Keven Cheng
Report Producer: Dara Chiu



1 General Description

1.1 Product Feature of Equipment Under Test

LTE/5G NR/GNSS

Product Specification subjective to this standard	
Test Antenna Type	Monopole Antenna
Test Antenna Gain	<Ant. 0>: 5G NR n2: 3.9 dBi 5G NR n5: 0.9 dBi 5G NR n12: 0 dBi 5G NR n25: 3.9 dBi 5G NR n30: -1.1 dBi 5G NR n41: 5.0 dBi 5G NR n66: 2.7 dBi 5G NR n71: 0 dBi <Ant. 2>: 5G NR n41: 3.5 dBi <Ant. 4>: 5G NR n2: 3.7 dBi 5G NR n66: 3.9 dBi <Ant. 5>: 5G NR n77: -2.1 dBi

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

1.2 Modification of EUT

No modifications are made to the EUT during all test items.

1.3 Testing Location

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory	
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978	
Test Site No.	Sporton Site No.	
	TH03-HY	03CH07-HY
Test Engineer	Ivy Yeh	Jesse Wang, Stan Hsieh, and Ken Wu
Temperature	23~26°C	19~27°C
Relative Humidity	50~57%	48~63%

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

FCC Designation No.: TW1190



1.4 Applicable Standards

According to the specifications of 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
- ♦ FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01
- ♦ FCC KDB 412172 D01 Determining ERP and EIRP v01r01
- ♦ FCC KDB 414788 D01 Radiated Test Site v01r01.

Remark:

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.
3. 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, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases as below table were recorded in this report.

Y Plane			Z Plane		
SA Mode	EN-DC Mode		SA Mode	EN-DC Mode	
5G NR n66	EN-DC 2A-n25A		5G NR n5	EN-DC 2A-n5A	EN-DC 2A-n71A
5G NR n41 for MIMO	EN-DC 12A-n25A		5G NR n2	EN-DC 30A-n5A	EN-DC 66A-n71A
Ant.0+2	EN-DC 66A-n25A		5G NR n12	EN-DC 48A-n5A	EN-DC 66C-n71A
5G NR n71	EN-DC 48A-n25A		5G NR n25	EN-DC 66A-n5A	EN-DC 2A-n77A
	EN-DC 2A-n41 A		5G NR n30	EN-DC 2A-n2A	EN-DC 5A-n77A
	EN-DC 25A-n41 A		5G NR n41	EN-DC 5A-n2A	EN-DC 12A-n77A
	EN-DC 41A-n41 A		for Ant. 2	EN-DC 12A-n2A	EN-DC 30A-n77A
	EN-DC 41C-n41 A		5G NR n77	EN-DC 30A-n2A	EN-DC 41A-n77A
	EN-DC 66A-n41 A			EN-DC 66A-n2A	EN-DC 41C-n77A
				EN-DC 2A-n66A	EN-DC 66A-n77A
				EN-DC 5A-n66A	
				EN-DC 12A-n66A	
				EN-DC 30A-n66A	
				EN-DC 48A-n66A	
				EN-DC 66A-n66A	

Test Items	NR Band	Bandwidth (MHz)										Modulation					RB #			Test Channel		
		5	10	15	20	40	50	60	80	90	100	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H
Max. Output Power	n2	v	v	v	v	-	-	-	-	-	-	v	v	v	v	v	v	v	v	v	v	v
	n5	v	v	v	v	-	-	-	-	-	-	v	v	v	v	v	v	v	v	v	v	v
	n12	v	v	v	-	-	-	-	-	-	-	v	v	v	v	v	v	v	v	v	v	v
	n25	v	v	v	v	-	-	-	-	-	-	v	v	v	v	v	v	v	v	v	v	v
	n30	v	v	-	-	-	-	-	-	-	-	v	v	v	v	v	v	v	v	v	v	v
	n41	-	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	n66	v	v	v	v	v	-	-	-	-	-	v	v	v	v	v	v	v	v	v	v	v
	n71	v	v	v	v	-	-	-	-	-	-	v	v	v	v	v	v	v	v	v	v	v
Peak-to-Average Ratio	n77	-	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	n2				v	-	-	-	-	-	-	v	v	v	v	v			v		v	
	n5				v	-	-	-	-	-	-	v	v	v	v	v			v		v	
	n12			v	-	-	-	-	-	-	-	v	v	v	v	v			v		v	
	n25				v	-	-	-	-	-	-	v	v	v	v	v			v		v	
	n30		v	-	-	-	-	-	-	-	-	v	v	v	v	v			v		v	
	n41	-			v							v	v	v	v	v			v		v	
	n66				v		-	-	-	-	-	v	v	v	v	v			v		v	
	n71				v	-	-	-	-	-	-	v	v	v	v	v			v		v	
	n77	-			v							v	v	v	v	v			v		v	



Test Items	NR Band	Bandwidth (MHz)										Modulation					RB #			Test Channel		
		5	10	15	20	40	50	60	80	90	100	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H
26dB and 99% Bandwidth	n2	v	v	v	v	-	-	-	-	-	-	v	v	v	v	v			v		v	
	n5	v	v	v	v	-	-	-	-	-	-	v	v	v	v	v			v		v	
	n12	v	v	v	-	-	-	-	-	-	-	v	v	v	v	v			v		v	
	n25	v	v	v	v	-	-	-	-	-	-	v	v	v	v	v			v		v	
	n30	v	v	-	-	-	-	-	-	-	-	v	v	v	v	v			v		v	
	n41	-	v	v	v	v	v	v	v	v	v	v	v	v	v	v			v		v	
	n66	v	v	v	v	v	-	-	-	-	-	v	v	v	v	v			v		v	
	n71	v	v	v	v	-	-	-	-	-	-	v	v	v	v	v			v		v	
	n77	-	v	v	v	v	v	v	v	v	v	v	v	v	v	v			v		v	
Conducted Band Edge	n2	v	v	v	v	-	-	-	-	-	-	v	v	v	v	v	v		v	v		v
	n5	v	v	v	v	-	-	-	-	-	-	v	v	v	v	v	v		v	v		v
	n12	v	v	v	-	-	-	-	-	-	-	v	v	v	v	v	v		v	v		v
	n25	v	v	v	v	-	-	-	-	-	-	v	v	v	v	v	v		v	v		v
	n30	v	v	-	-	-	-	-	-	-	-	v	v	v	v	v	v		v	v		v
	n41	-	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v		v	v		v
	n66	v	v	v	v	v	-	-	-	-	-	v	v	v	v	v	v		v	v		v
	n71	v	v	v	v	-	-	-	-	-	-	v	v	v	v	v	v		v	v		v
	n77	-	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v		v	v		v
Conducted Spurious Emission	n2	v				-	-	-	-	-	-		v				v			v	v	v
	n5	v				-	-	-	-	-	-		v				v			v	v	v
	n12	v			-	-	-	-	-	-	-		v				v			v	v	v
	n25	v				-	-	-	-	-	-		v				v			v	v	v
	n30	v	v	-	-	-	-	-	-	-	-		v				v			v	v	v
	n41	-	v	v	v	v	v	v	v	v	v		v				v			v	v	v
	n66	v				-	-	-	-	-	-		v				v			v	v	v
	n71	v				-	-	-	-	-	-		v				v			v	v	v
	n77	-	v										v				v			v	v	v

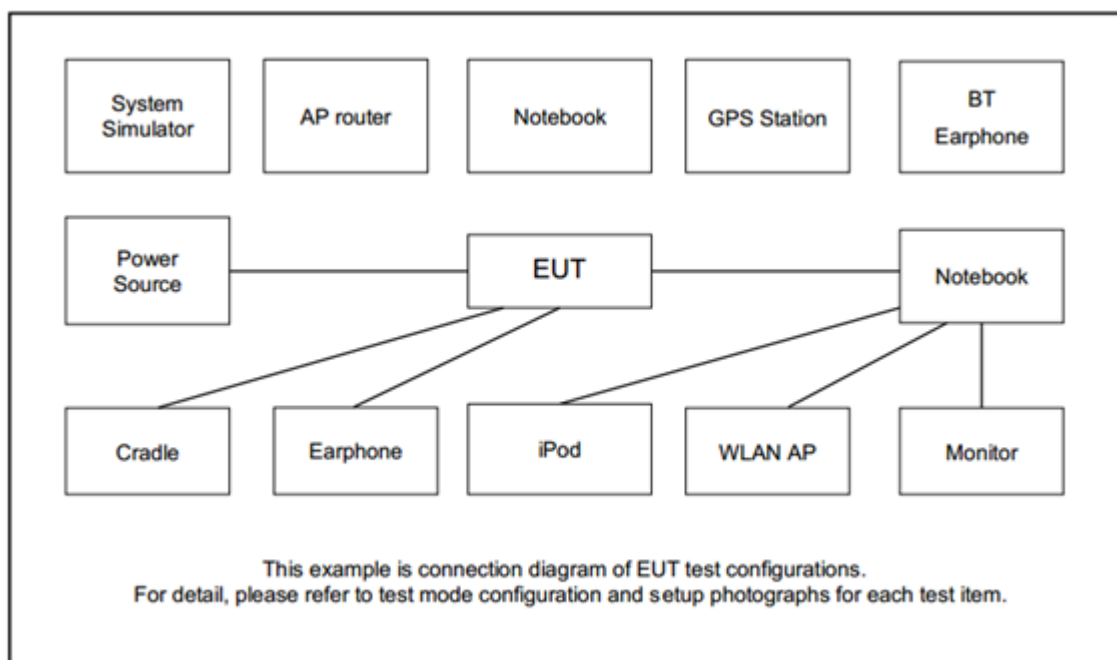


Test Items	NR Band	Bandwidth (MHz)										Modulation					RB #			Test Channel		
		5	10	15	20	40	50	60	80	90	100	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H
Frequency Stability	n2				v	-	-	-	-	-	-	v							v		v	
	n5				v	-	-	-	-	-	-	v							v		v	
	n12			v	-	-	-	-	-	-	-	v							v		v	
	n25				v	-	-	-	-	-	-	v							v		v	
	n30		v	-	-	-	-	-	-	-	-	v							v		v	
	n41	-			v							v	v						v		v	
	n66				v		-	-	-	-	-	v							v		v	
	n71				v	-	-	-	-	-	-	v							v		v	
	n77	-			v							v							v		v	
E.R.P / E.I.R.P	n2	v	v	v	v	-	-	-	-	-	-	v	v	v	v	v	Max Power					
	n5	v	v	v	v	-	-	-	-	-	-	v	v	v	v	v						
	n12	v	v	v	-	-	-	-	-	-	-	v	v	v	v	v						
	n25	v	v	v	v	-	-	-	-	-	-	v	v	v	v	v						
	n30	v	v	-	-	-	-	-	-	-	-	v	v	v	v	v						
	n41	-	v	v	v	v	v	v	v	v	v	v	v	v	v	v						
	n66	v	v	v	v	v	-	-	-	-	-	v	v	v	v	v						
	n71	v	v	v	v	-	-	-	-	-	-	v	v	v	v	v						
	n77	-	v	v	v	v	v	v	v	v	v	v	v	v	v	v						



Test Items	NR Band	Bandwidth (MHz)										Modulation					RB #			Test Channel			
		5	10	15	20	40	50	60	80	90	100	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H	
Radiated Spurious Emission	n2	Worst Case																		v	v	v	
	n5	Worst Case																		v	v	v	
	n12	Worst Case																		v	v	v	
	n25	Worst Case																		v	v	v	
	n30	Worst Case																		v	v	v	
	n41	Worst Case																		v	v	v	
	n66	Worst Case																		v	v	v	
	n71	Worst Case																		v	v	v	
	n77	Worst Case																		v	v	v	
Remark	1. The mark “v “ means that this configuration is chosen for testing																						
	2. The mark “-“ means that this bandwidth is not supported.																						
	3. 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.																						
	4. Test combination is EN-DC 2A_n2A / EN-DC 5A_n2A / EN-DC 12A_n2A / EN-DC 30A_n2A / EN-DC 66A_n2A / EN-DC 2A_n5A / EN-DC 30A_n5A / EN-DC 48A_n5A / EN-DC 66A_n5A / EN-DC 2A_n25A / EN-DC 12A_n25A / EN-DC 66A_n25A / EN-DC 48A_n25A / EN-DC 2A_n41A / EN-DC 25A_n41A / EN-DC 41A_n41A / EN-DC 41C_n41A / EN-DC 66A_n41A / EN-DC 2A_n66A / EN-DC 5A_n66A / EN-DC 12A_n66A / EN-DC 30A_n66A / EN-DC 48A_n66A / EN-DC 66A_n66 / EN-DC 2A_n71A / EN-DC 66A_n71A / EN-DC 66C_n71A / EN-DC 2A_n77A / EN-DC 5A_n77A / EN-DC 12A_n77A / EN-DC 30A_n77A / EN-DC 41A_n77A / EN-DC 41C_n77A / and EN-DC 66A_n77A																						
	5. For 5G NR n5/n12/n25/n30/n41/n71/n77 radiated measurement, pre-scanned in two modes, SA mode and NSA mode. The worst cases (SA mode) is tested by low, middle, high channels. The NSA mode the worst modes of middle ch were verified and compliant. were recorded in this report																						
	6. For 5G NR n2 support Ant. 0, Ant. 4 . In Ant 0 radiated measurement, pre-scanned in two modes, SA mode and NSA mode. The worst cases (SA mode) is tested by low, middle, high channels. The NSA mode the worst modes of middle ch were verified. In Ant 4 radiated measurement test combination is n2+n30 tested by low, middle, high channels and were recorded in this report																						
	7. For 5G NR n66 support Ant. 0, Ant. 4 . In Ant 0 radiated measurement, pre-scanned in two modes, SA mode and NSA mode. The worst cases (SA mode) is tested by low, middle, high channels. The NSA mode the worst modes of middle ch were verified. In Ant 4 radiated measurement test pre-scanned EN-DC 48A_n66A and n30A_n66A and the middle channels are pre-scanned and the worst configuration (EN-DC 48A_n66A) is tested by low, middle, high channels and were recorded in this report																						
	8. For radiated measurement, pre-scanned in two modes, DFT-s OFDM and CP OFDM. The worst cases (DFT-s OFDM) were recorded in this report, and the worst modes of FR1 and LTE for simultaneous transmission were verified and compliant.																						
	9. For 5G NR n2/n66 support Ant. 0, Ant. 4, The Ant. 4 test combination is CA n2+n30 /EN-DC 48+n66 , after verified, the worst case is Ant. 0. Therefore, only performed the Ant. 0, test results for Conducted test item in this report.																						
	10. For 5G NR BW:10/15/20/40/50 support SCS15kHz&SCS30 kHz, after verified, the worst case is SCS15kHz. Therefore, only performed the SCS15kHz test results for Conducted test item in this report.																						

2.2 Connection Diagram of Test System



2.3 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model No.	FCC ID	Data Cable	Power Cord
1.	Radio Communication Analyzer	Anritsu	MT8821C	N/A	N/A	Unshielded, 1.8 m
2.	5G Wireless Test Platform	Anritsu	MT8000A	N/A	N/A	Unshielded, 1.8 m
3.	fixture	Compal	ZM52	N/A	N/A	N/A

2.4 Measurement Results Explanation Example

For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuator factor between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

The spectrum analyzer offset is derived from RF cable loss and attenuator factor.

Offset = RF cable loss + attenuator factor.

Following shows an offset computation example with cable loss 4.2 dB and 10dB attenuator.

Example :

$$\begin{aligned}
 \text{Offset(dB)} &= \text{RF cable loss(dB)} + \text{attenuator factor(dB)}. \\
 &= 4.2 + 10 = 14.2 \text{ (dB)}
 \end{aligned}$$



2.5 Frequency List of Low/Middle/High Channels

5G NR Band 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 Band 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 Band 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 Band n25 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
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 Band n30 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	-	462000	-
	Frequency	-	2310	-
5	Channel	461500	462000	462500
	Frequency	2307.5	2310	2312.5



5G NR Band 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
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
20	Channel	501204	518598	535998
	Frequency	2506.02	2592.99	2679.99
15	Channel	500700	518598	536496
	Frequency	2503.5	2592.99	2682.48
10	Channel	500202	518598	537000
	Frequency	2501.01	2592.99	2685

5G NR Band n66 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
40	Channel	346000	349000	352000
	Frequency	1730	1745	1760
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 Band 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 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
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
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

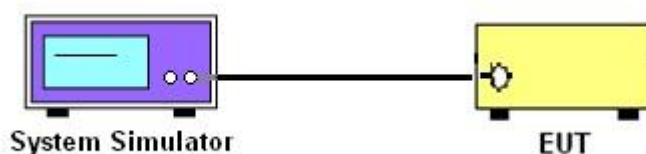
3 Conducted Test Items

3.1 Measuring Instruments

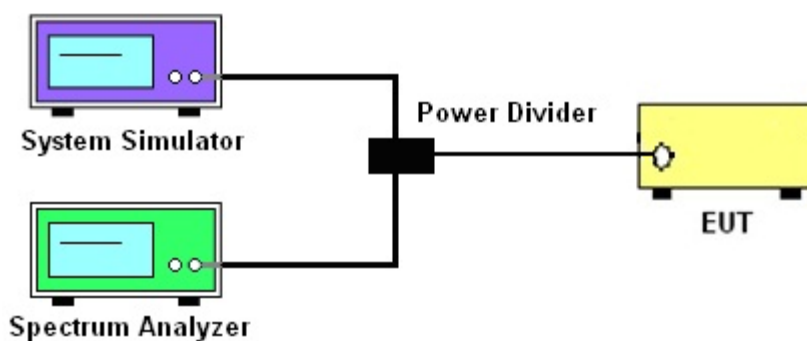
See list of measuring instruments of this test report.

3.1.1 Test Setup

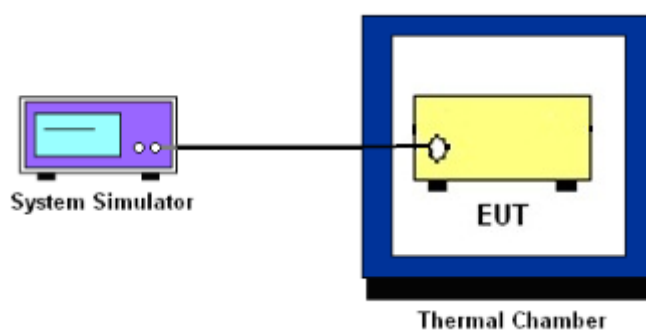
3.1.2 Conducted Output Power



3.1.3 Peak-to-Average Ratio, Occupied Bandwidth ,Conducted Band-Edge and Conducted Spurious Emission



3.1.4 Frequency Stability



3.1.5 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

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

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

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

According to KDB 412172 D01 Power Approach,

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

P_T = transmitter output power in dBm

G_T = gain of the transmitting antenna in dBi

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

5G NR n30

For mobile and portable stations transmitting in the 2305-2315 MHz band or the 2350-2360 MHz band, the average EIRP must not exceed 50 milliwatts within any 1 megahertz of authorized bandwidth, *except that* for mobile and portable stations compliant with 3GPP LTE standards or another advanced mobile broadband protocol that avoids concentrating energy at the edge of the operating band the average EIRP must not exceed 250 milliwatts within any 5 megahertz of authorized bandwidth but may exceed 50 milliwatts within any 1 megahertz of authorized bandwidth. For mobile and portable stations using time division duplexing (TDD) technology, the duty cycle must not exceed 38 percent in the 2305-2315 MHz and 2350-2360 MHz bands. Mobile and portable stations using FDD technology are restricted to transmitting in the 2305-2315 MHz band. Power averaging shall not include intervals in which the transmitter is off.

Remark: EIRP use worst case measure the total power to cover per 5MHz Power.

According to KDB 412172 D01 Power Approach,

$EIRP = P_T + G_T - L_C$, 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.



3.3 Peak-to-Average Ratio

3.3.1 Description of the PAR Measurement

Power Complementary Cumulative Distribution Function (CCDF) curves provide a means for characterizing the power peaks of a digitally modulated signal on a statistical basis. A CCDF curve depicts the probability of the peak signal amplitude exceeding the average power level. Most contemporary measurement instrumentation include the capability to produce CCDF curves for an input signal provided that the instrument's resolution bandwidth can be set wide enough to accommodate the entire input signal bandwidth. In measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

3.3.2 Test Procedures

The testing follows ANSI C63.26-2015 Section 5.2.6

1. The EUT was connected to spectrum and system simulator via a power divider.
2. Set the CCDF (Complementary Cumulative Distribution Function) option in spectrum analyzer.
3. The highest RF powers were measured and recorded the maximum PAPR level associated with a probability of 0.1 %.
4. Record the deviation as Peak to Average Ratio.



3.4 Occupied Bandwidth

3.4.1 Description of Occupied Bandwidth Measurement

The occupied bandwidth is the width of a frequency band such that, below the lower and above the upper frequency limits, the mean powers emitted are each equal to a specified percentage 0.5% of the total mean transmitted power.

The 26 dB emission bandwidth is defined as the frequency range between two points, one above and one below the carrier frequency, at which the spectral density of the emission is attenuated 26 dB below the maximum in-band spectral density of the modulated signal. Spectral density (power per unit bandwidth) is to be measured with a detector of resolution bandwidth equal to approximately 1.0% of the emission bandwidth.

3.4.2 Test Procedures

The testing follows ANSI C63.26-2015 Section 5.4.3 (26dB) and Section 5.4.4 (99OB)

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The span range for the spectrum analyzer shall be between two and five times the anticipated OBW.
3. The nominal resolution bandwidth (RBW) shall be in the range of 1 to 5 % of the anticipated OBW, and the VBW shall be at least 3 times the RBW.
4. Set the detection mode to peak, and the trace mode to max hold.
5. Determine the reference value: Set the EUT to transmit a modulated signal. Allow the trace to stabilize. Set the spectrum analyzer marker to the highest level of the displayed trace.
(this is the reference value)
6. Determine the “-26 dB down amplitude” as equal to (Reference Value – X).
7. Place two markers, one at the lowest and the other at the highest frequency of the envelope of the spectral display such that each marker is at or slightly below the “-X dB down amplitude” determined in step 6. If a marker is below this “-X dB down amplitude” value it shall be placed as close as possible to this value. The OBW is the positive frequency difference between the two markers.
8. Use the 99 % power bandwidth function of the spectrum analyzer and report the measured bandwidth.



3.5 Conducted Band Edge

3.5.1 Description of Conducted Band Edge Measurement

22.917(a)

For operations in the 824 – 849 MHz band, the FCC limit is $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ in a 100kHz bandwidth. However, in the 1MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

24.238 (a)

For operations in the 1850-1910 and 1930-1990 MHz band, the FCC limit is $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ in a 1MHz bandwidth. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

27.53 (g)

For operations in the 600MHz band and 698-746 MHz band, the FCC limit is $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ in a 100 kHz bandwidth. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

27.53 (h)

For operations in the 1710 – 1755 MHz band, 1755-1780 MHz, the FCC limit is $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ in a 1 MHz bandwidth. However, in the 1MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

**27.53(m)(4)**

For mobile digital stations, the attenuation factor shall be not less than $40 + 10 \log (P)$ dB on all frequencies between the channel edge and 5 megahertz from the channel edge, $43 + 10 \log (P)$ dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and $55 + 10 \log (P)$ dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less than $43 + 10 \log (P)$ dB on all frequencies between 2490.5 MHz and 2496 MHz and $55 + 10 \log (P)$ dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

§27.53(l)(2)

For mobile operations in the 3700-3980 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz. Compliance with this paragraph (l)(2) is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be either one percent of the emission bandwidth of the fundamental emission of the transmitter or 350 kHz. In the bands between 1 and 5 MHz removed from the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be 500 kHz. The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

§27.53 (a)(4)

For mobile and portable stations operating in the 2305-2315 MHz and 2350-2360 MHz bands:

(i) By a factor of not less than: $43 + 10 \log (P)$ dB on all frequencies between 2305 and 2320 MHz and on all frequencies between 2345 and 2360 MHz that are outside the licensed band(s) of operation, not less than $55 + 10 \log (P)$ dB on all frequencies between 2320 and 2324 MHz and on all frequencies between 2341 and 2345 MHz, not less than $61 + 10 \log (P)$ dB on all frequencies between 2324 and 2328 MHz and on all frequencies between 2337 and 2341 MHz, and not less than $67 + 10 \log (P)$ dB on all frequencies between 2328 and 2337 MHz.

(ii) By a factor of not less than $43 + 10 \log (P)$ dB on all frequencies between 2300 and 2305 MHz, $55 + 10 \log (P)$ dB on all frequencies between 2296 and 2300 MHz, $61 + 10 \log (P)$ dB on all frequencies between 2292 and 2296 MHz, $67 + 10 \log (P)$ dB on all frequencies between 2288 and 2292 MHz, and $70 + 10 \log (P)$ dB below 2288 MHz.

(iii) By a factor of not less than $43 + 10 \log (P)$ dB on all frequencies between 2360 and 2365 MHz, and not less than $70 + 10 \log (P)$ dB above 2365 MHz.

3.5.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The band edges of low and high channels for the highest RF powers were measured.
3. Set RBW $\geq 1\%$ EBW in the 1MHz band immediately outside and adjacent to the band edge.
4. Beyond the 1 MHz band from the band edge, RBW=1MHz was used.
5. Set spectrum analyzer with RMS detector.
6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
7. Checked that all the results comply with the emission limit line.

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

For 5G NR n41

The other 40 dB, and 55 dB have additionally applied same calculation above.

3.6 Conducted Spurious Emission

3.6.1 Description of Conducted Spurious Emission Measurement

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

For 5G NR n30

The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least $70 + 10 \log (P)$ dB.

It is measured by means of a calibrated spectrum analyzer and scanned from 30 MHz up to a frequency including its 10th harmonic.

3.6.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator.
The path loss was compensated to the results for each measurement.
3. The middle channel for the highest RF power within the transmitting frequency was measured.
4. The conducted spurious emission for the whole frequency range was taken.
5. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz.
6. Set spectrum analyzer with RMS detector.
7. Taking the record of maximum spurious emission.
8. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
9. The limit line is derived from $43 + 10\log(P)$ dB below the transmitter power P(Watts)
For 5G NR n41
The limit line is derived from $55 + 10\log(P)$ dB below the transmitter power P(Watts)



3.7 Frequency Stability

3.7.1 Description of Frequency Stability Measurement

22.355

The frequency stability shall be measured by variation of ambient temperature and variation of primary supply voltage to ensure that the fundamental emission stays within the authorized frequency block. The frequency stability of the transmitter shall be maintained within $\pm 0.00025\%$ ($\pm 2.5\text{ppm}$) of the center frequency.

24.235 & 27.54

The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

3.7.2 Test Procedures for Temperature Variation

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

1. The EUT was set up in the thermal chamber and connected with the system simulator.
2. With power OFF, the temperature was decreased to -30°C and the EUT was stabilized before testing. Power was applied and the maximum change in frequency was recorded within one minute.
3. With power OFF, the temperature was raised in 10°C step up to 50°C . The EUT was stabilized at each step for at least half an hour. Power was applied and the maximum frequency change was recorded within one minute.

3.7.3 Test Procedures for Voltage Variation

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

1. The EUT was placed in a temperature chamber at $20\pm 5^{\circ}\text{C}$ and connected with the system simulator.
2. The power supply voltage to the EUT was varied from 85% to 115% of the nominal value measured at the input to the EUT.
3. The variation in frequency was measured for the worst case.

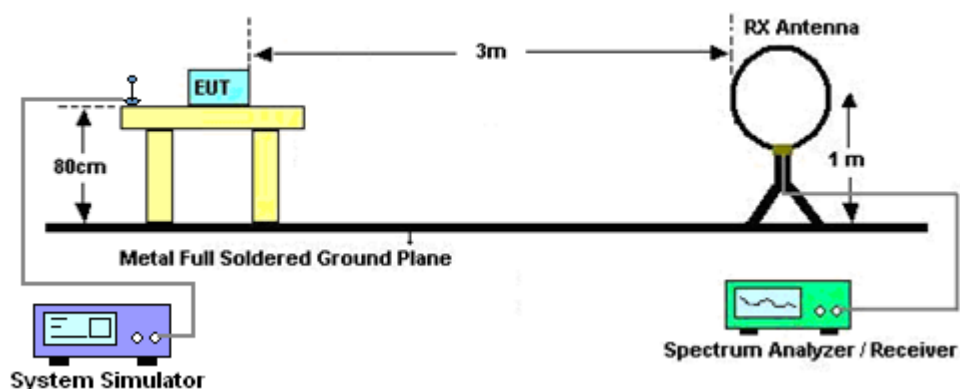
4 Radiated Test Items

4.1 Measuring Instruments

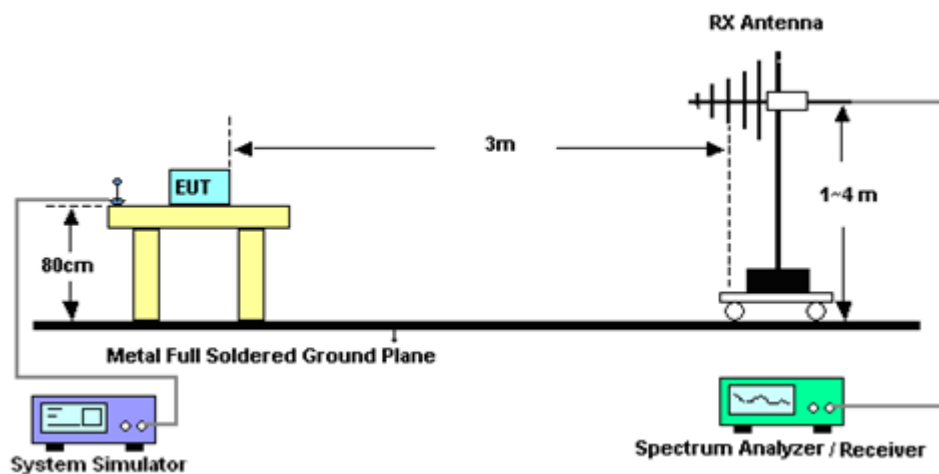
See list of measuring instruments of this test report.

4.1.1 Test Setup

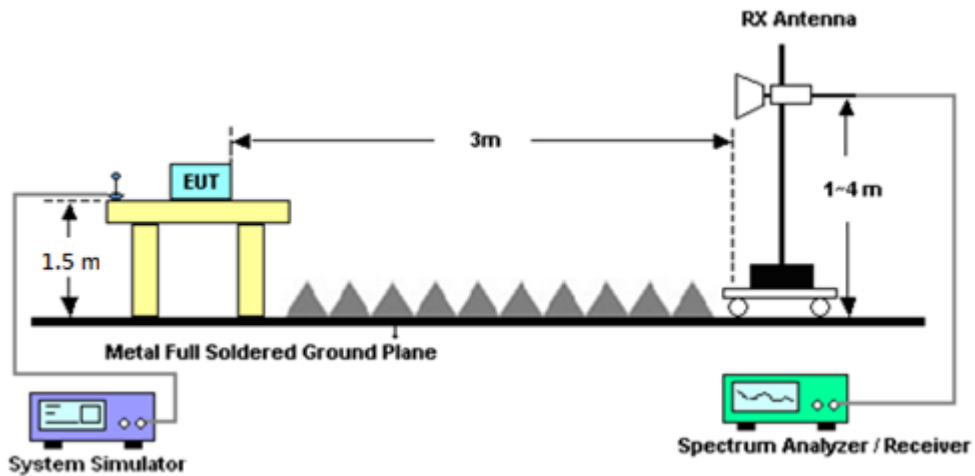
For radiated test below 30MHz



For radiated test from 30MHz to 1GHz



For radiated test above 1GHz



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 n30

The power of any emission outside of the authorized operating frequency ranges must be lower than 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 / TIA-603-E Section 2.2.12.

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. A horn antenna was substituted in place of the EUT and was driven by a signal generator.
7. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
8. Taking the record of output power at antenna port.
9. Repeat step 7 to step 8 for another polarization.



10. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

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

For 5G NR n41

The limit line is derived from $55 + 10\log(P)$ dB below the transmitter power P(Watts)

EIRP (dBm) = S.G. Power – Tx Cable Loss + Tx Antenna Gain

ERP (dBm) = EIRP - 2.15

For 5G NR n30

The limit line is derived from $70 + 10\log(P)$ dB below the transmitter power P(Watts)

= $P(W) - [70 + 10\log(P)]$ (dB)

= $[30 + 10\log(P)]$ (dBm) - $[70 + 10\log(P)]$ (dB)

= -40dBm.



5 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Bilog Antenna	Schaffner	CBL 6111C & N-6-06	2725 & AT-N0601	30MHz~1GHz	Jan. 08, 2021	Apr. 21, 2021~Jun. 22, 2021	Jan. 07, 2022	Radiation (03CH07-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N-06	35419 & 03	30MHz~1GHz	Apr. 29, 2020	Apr. 21, 2021~Apr. 27, 2021	Apr. 28, 2021	Radiation (03CH07-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N-06	35419 & 03	30MHz~1GHz	Apr. 28, 2021	Apr. 28, 2021~Jun. 22, 2021	Apr. 27, 2022	Radiation (03CH07-HY)
Double Ridge Horn Antenna	ESCO	3117	00075962	1GHz ~ 18GHz	Dec. 01, 2020	Apr. 21, 2021~Jun. 12, 2021	Nov. 30, 2021	Radiation (03CH07-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Jan. 04, 2021	Apr. 21, 2021~Jun. 12, 2021	Jan. 03, 2022	Radiation (03CH07-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1590075	1GHz~18GHz	Apr. 23, 2020	Apr. 21, 2021	Apr. 22, 2021	Radiation (03CH07-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1590075	1GHz~18GHz	Apr. 22, 2021	Apr. 22, 2021~Jun. 22, 2021	Apr. 21, 2022	Radiation (03CH07-HY)
Preamplifier	COM-POWER	PA-103A	161241	10MHz~1GHz	May 19, 2020	Apr. 21, 2021~May 17, 2021	May 18, 2021	Radiation (03CH07-HY)
Preamplifier	COM-POWER	PA-103A	161241	10MHz~1GHz	May 18, 2021	May 18, 2021~Jun. 22, 2021	May 17, 2022	Radiation (03CH07-HY)
Preamplifier	Agilent	8449B	3008A02362	1GHz~26.5GHz	Oct. 31, 2020	Apr. 21, 2021~Jun. 22, 2021	Oct. 30, 2021	Radiation (03CH07-HY)
Preamplifier	EMEC	EM18G40G	0600789	18-40GHz	Jul. 31, 2020	Apr. 21, 2021~Jun. 22, 2021	Jul. 30, 2021	Radiation (03CH07-HY)
Spectrum Analyzer	Agilent	N9030A	MY52350276	3Hz~44GHz	Jun. 09, 2020	Apr. 21, 2021~Jun. 07, 2021	Jun. 08, 2021	Radiation (03CH07-HY)
Spectrum Analyzer	Keysight	N9010A	MY54200486	10Hz~44GHz	Oct. 23, 2020	Jun. 08, 2021~Jun. 22, 2021	Oct. 22, 2021	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY15682-4	30MHz to 18GHz	Feb. 24, 2021	Apr. 21, 2021~Jun. 22, 2021	Feb. 23, 2022	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY24971-4	9kHz to 18GHz	Feb. 24, 2021	Apr. 21, 2021~Jun. 22, 2021	Feb. 23, 2022	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655-4	9kHz to 18GHz	Feb. 24, 2021	Apr. 21, 2021~Jun. 22, 2021	Feb. 23, 2022	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2858/2,80 1606/2	18GHz~40GHz	Feb. 24, 2021	Apr. 21, 2021~Jun. 22, 2021	Feb. 23, 2022	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126	532078/126E	30MHz~18GHz	Sep. 18, 2020	Apr. 21, 2021~Jun. 22, 2021	Sep. 17, 2021	Radiation (03CH07-HY)
Controller	EMEC	EM1000	N/A	Control Ant Mast	N/A	Apr. 21, 2021~Jun. 22, 2021	N/A	Radiation (03CH07-HY)
Controller	MF	MF-7802	N/A	Control Turn table	N/A	Apr. 21, 2021~Jun. 22, 2021	N/A	Radiation (03CH07-HY)
Antenna Mast	EMEC	AM-BS-4500E	N/A	Boresight mast 1M~4M	N/A	Apr. 21, 2021~Jun. 22, 2021	N/A	Radiation (03CH07-HY)
Turn Table	ChainTek	Chaintek 3000	N/A	0~360 Degree	N/A	Apr. 21, 2021~Jun. 22, 2021	N/A	Radiation (03CH07-HY)
Software	Audix	E3 6.2009-8-24	N/A	N/A	N/A	Apr. 21, 2021~Jun. 22, 2021	N/A	Radiation (03CH07-HY)
USB Data Logger	TECPEL	TR-32	HE17XB2495	N/A	N/A	Apr. 21, 2021~Jun. 22, 2021	N/A	Radiation (03CH07-HY)
Horn Antenna	EMCO	3117	00143261	1GHz~18GHz	Jan. 26, 2021	Apr. 21, 2021~Jun. 22, 2021	Jan. 25, 2022	Radiation (03CH07-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA917025 1	18GHz~40GHz	Dec. 02, 2020	Apr. 21, 2021~Jun. 22, 2021	Dec. 01, 2021	Radiation (03CH07-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA9170	00994	18GHz~40GHz	Nov. 19, 2020	Apr. 21, 2021~Jun. 22, 2021	Nov. 18, 2021	Radiation (03CH07-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Programmable Power Supply	GW Instek	PSS-2005	EL890001	50Hz~60Hz	Oct. 05, 2020	Apr. 21, 2021~ Jun. 21, 2021	Oct. 04, 2021	Conducted (TH03-HY)
Signal Analyzer	Rohde & Schwarz	FSV3044	101048	10Hz~44GHz	Apr. 20, 2021	Apr. 21, 2021~ Jun. 21, 2021	Apr. 19, 2022	Conducted (TH03-HY)
Temperature Chamber	ESPEC	SH-641	92013720	-40℃ ~90℃	Sep. 14, 2020	Apr. 21, 2021~ Jun. 21, 2021	Sep. 13, 2021	Conducted (TH03-HY)
Hygrometer	Testo	608-H11	3489324	NA	Jan. 18, 2021	Apr. 21, 2021~ Jun. 21, 2021	Jan. 17, 2022	Conducted (TH03-HY)
Base Station (Measure)	Anritsu	MT8821C	6261849015	LTE	Sep. 18, 2020	Apr. 21, 2021~ Jun. 21, 2021	Sep. 17, 2021	Conducted (TH03-HY)
Base Station (Measure)	Anritsu	MT8000A	6261940327	FR1	Sep. 23, 2020	Apr. 21, 2021~ Jun. 21, 2021	Sep. 22, 2021	Conducted (TH03-HY)



6 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.35 dB
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Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.81 dB
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Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.85 dB
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Appendix A. Test Results of Conducted Test

Conducted Output Power(Average power) and ERP/EIRP

<SCS (15kHz)>

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NR n2 Maximum Average Power [dBm] (GT - LC = 3.9 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
5	1	1	PI/2 BPSK	24.18	24.01	24.24	28.70	0.7413		
5	1	23		24.25	24.10	24.38				
5	12	6		24.34	24.24	24.52				
5	1	0		23.66	23.60	23.82				
5	1	24		23.80	23.60	24.08				
5	25	0		23.90	23.81	24.12				
5	1	1	QPSK	24.43	24.36	24.61				
5	1	23		24.50	24.48	24.80				
5	12	6		24.32	24.29	24.60				
5	1	0		23.40	23.30	23.52				
5	1	24		23.51	23.40	23.70				
5	25	0		23.44	23.36	23.71				
5	1	1	16-QAM	23.22	23.27	23.45	27.35	0.5433		
5	1	1	64-QAM	21.70	21.72	21.96				
5	1	1	256-QAM	20.31	20.35	20.48				
Limit	EIRP < 2W			Result			Pass			

NR n2 Maximum Average Power [dBm] (GT - LC = 3.9 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK	24.13	24.09	24.30	28.58	0.7211		
10	1	50		24.47	24.22	24.44				
10	25	12		24.44	24.31	24.41				
10	1	0		23.64	23.67	23.84				
10	1	51		23.99	23.85	24.06				
10	50	0		23.96	23.90	23.78				
10	1	1	QPSK	24.45	24.15	24.33				
10	1	50		24.68	24.62	24.65				
10	25	12		24.47	24.44	24.43				
10	1	0		23.35	23.20	23.34				
10	1	51		23.71	23.70	23.70				
10	50	0		23.55	23.38	23.42				
10	1	1	16-QAM	23.39	23.11	23.22	27.29	0.5358		
10	1	1	64-QAM	21.85	21.61	21.88				
10	1	1	256-QAM	20.39	20.14	20.22				
Limit	EIRP < 2W			Result			Pass			



NR n2 Maximum Average Power [dBm] (GT - LC = 3.9 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
15	1	1	PI/2 BPSK	24.17	24.32	24.53	28.72	0.7447		
15	1	77		24.50	24.36	24.47				
15	36	18		24.55	24.46	24.48				
15	1	0		23.70	23.88	24.08				
15	1	78		24.16	24.00	24.07				
15	75	0		24.18	24.04	23.85				
15	1	1	QPSK	24.44	24.36	24.78				
15	1	77		24.78	24.80	24.82				
15	36	18		24.68	24.55	24.59				
15	1	0		23.42	23.35	23.70				
15	1	78		23.80	23.74	23.75				
15	75	0		23.71	23.58	23.44				
15	1	1	16-QAM	23.40	23.20	23.60	27.50	0.5623		
15	1	1	64-QAM	21.78	21.92	22.14				
15	1	1	256-QAM	20.40	20.32	20.61				
Limit	EIRP < 2W			Result			Pass			

NR n2 Maximum Average Power [dBm] (GT - LC = 3.9 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
20	1	1	PI/2 BPSK	24.07	24.35	24.44	28.60	0.7244		
20	1	104		24.39	24.36	24.52				
20	50	25		24.50	24.37	24.55				
20	1	0		23.54	23.85	23.90				
20	1	105		23.91	23.90	24.07				
20	100	0		24.25	23.87	23.66				
20	1	1	QPSK	24.21	24.32	24.70				
20	1	104		24.32	24.61	24.68				
20	50	25		24.50	24.42	24.51				
20	1	0		23.25	23.32	23.61				
20	1	105		23.40	23.60	23.70				
20	100	0		23.70	23.52	23.21				
20	1	1	16-QAM	23.23	23.20	23.68	27.58	0.5728		
20	1	1	64-QAM	21.58	21.90	22.03				
20	1	1	256-QAM	20.12	20.20	20.61				
Limit	EIRP < 2W			Result			Pass			



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NR n5 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	24.76	24.78	24.59	23.62	0.2301		
5	1	23		24.83	24.73	24.57				
5	12	6		24.82	24.75	24.55				
5	1	0		24.41	24.44	24.29				
5	1	24		24.54	24.37	24.03				
5	25	0		24.47	24.40	24.21				
5	1	1	QPSK	24.78	24.84	24.64				
5	1	23		24.87	23.91	24.63				
5	12	6		24.83	24.80	24.57				
5	1	0		23.94	23.96	23.77				
5	1	24		24.05	23.92	23.79				
5	25	0		23.98	23.90	23.73				
5	1	1	16-QAM	24.05	24.12	23.81	22.87	0.1936		
5	1	1	64-QAM	22.13	22.08	21.87				
5	1	1	256-QAM	20.27	20.33	20.08				
Limit	ERP < 7W			Result			Pass			

NR n5 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	24.55	24.65	24.40	23.54	0.2259		
10	1	50		24.76	24.68	24.46				
10	25	12		24.59	24.55	24.42				
10	1	0		24.22	24.31	24.13				
10	1	51		24.50	24.40	24.02				
10	50	0		24.26	24.21	24.10				
10	1	1	QPSK	24.57	24.64	24.46				
10	1	50		24.79	24.63	24.49				
10	25	12		24.60	24.53	24.40				
10	1	0		23.73	23.84	23.63				
10	1	51		23.99	23.88	23.70				
10	50	0		23.70	23.71	23.62				
10	1	1	16-QAM	23.84	23.93	23.70	22.68	0.1854		
10	1	1	64-QAM	21.91	21.94	21.77				
10	1	1	256-QAM	20.09	20.13	19.95				
Limit	ERP < 7W			Result			Pass			



NR n5 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	24.51	24.58	24.63	23.60	0.2291		
15	1	77		24.63	24.66	24.63				
15	36	18		24.56	24.63	24.51				
15	1	0		24.39	24.27	24.31				
15	1	78		24.48	24.36	24.11				
15	75	0		24.50	24.30	24.19				
15	1	1	QPSK	24.75	24.65	24.60				
15	1	77		24.85	24.70	24.60				
15	36	18		24.80	24.64	24.55				
15	1	0		23.85	23.85	23.80				
15	1	78		24.03	23.84	23.75				
15	75	0		23.95	23.82	23.73				
15	1	1	16-QAM	24.00	23.92	23.88	22.75	0.1884		
15	1	1	64-QAM	22.02	21.97	21.92				
15	1	1	256-QAM	20.25	20.18	20.11				
Limit	ERP < 7W			Result			Pass			

NR n5 Maximum Average Power [dBm] (GT - LC = 0.9 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
20	1	1	PI/2 BPSK	24.60	24.68	24.70	23.52	0.2249		
20	1	104		24.72	24.70	24.65				
20	50	25		24.70	24.61	24.71				
20	1	0		24.25	24.32	24.38				
20	1	105		24.36	24.34	24.24				
20	100	0		24.38	24.29	24.30				
20	1	1	QPSK	24.64	24.67	24.68				
20	1	104		24.77	24.58	24.70				
20	50	25		24.73	24.62	24.67				
20	1	0		23.73	23.85	23.87				
20	1	105		23.87	23.82	23.85				
20	100	0		23.90	23.81	23.84				
20	1	1	16-QAM	23.93	23.99	23.91	22.74	0.1879		
20	1	1	64-QAM	21.94	21.98	21.97				
20	1	1	256-QAM	20.17	20.16	20.19				
Limit	ERP < 7W			Result			Pass			



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NR n12 Maximum Average Power [dBm] (GT - LC = 0 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
5	1	1	PI/2 BPSK	23.85	23.90	23.94	21.85	0.1531		
5	1	23		23.79	23.97	23.96				
5	12	6		23.92	23.93	24.00				
5	1	0		23.40	23.34	23.40				
5	1	24		23.28	23.41	23.47				
5	25	0		23.33	23.50	23.41				
5	1	1	QPSK	23.80	23.81	23.82				
5	1	23		23.77	23.82	23.88				
5	12	6		23.95	23.93	23.96				
5	1	0		22.82	22.78	22.80				
5	1	24		22.77	22.86	22.86				
5	25	0		22.84	22.98	22.91				
5	1	1	16-QAM	22.84	22.83	22.86	20.71	0.1178		
5	1	1	64-QAM	21.53	21.40	21.46				
5	1	1	256-QAM	19.50	19.46	19.51				
Limit	ERP < 3W			Result			Pass			

NR n12 Maximum Average Power [dBm] (GT - LC = 0 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
10	1	1	PI/2 BPSK	23.85	23.70	23.73	21.81	0.1517		
10	1	50		23.93	23.91	23.96				
10	25	12		23.90	23.78	23.79				
10	1	0		23.42	23.23	23.21				
10	1	51		23.52	23.50	23.48				
10	50	0		23.23	23.24	23.30				
10	1	1	QPSK	23.77	23.63	23.66				
10	1	50		23.86	23.83	23.78				
10	25	12		23.84	23.77	23.76				
10	1	0		22.85	22.69	22.64				
10	1	51		22.90	22.90	22.86				
10	50	0		22.73	22.76	22.78				
10	1	1	16-QAM	22.82	22.74	22.66	20.67	0.1167		
10	1	1	64-QAM	21.38	21.21	21.24				
10	1	1	256-QAM	19.44	19.31	19.30				
Limit	ERP < 3W			Result			Pass			



NR n12 Maximum Average Power [dBm] (GT - LC = 0 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
15	1	1	PI/2 BPSK	24.04	23.90	23.99	22.35	0.1718		
15	1	77		24.17	24.05	24.19				
15	36	18		23.99	23.97	24.01				
15	1	0		23.56	23.41	24.50				
15	1	78		23.71	23.63	23.65				
15	75	0		23.53	23.50	23.61				
15	1	1	QPSK	23.95	23.89	23.94				
15	1	77		24.10	24.02	24.11				
15	36	18		24.06	23.98	24.08				
15	1	0		22.96	22.85	22.94				
15	1	78		23.13	23.06	23.10				
15	75	0		23.02	23.02	23.12				
15	1	1	16-QAM	22.92	22.82	22.91	20.77	0.1194		
15	1	1	64-QAM	21.51	21.50	21.55				
15	1	1	256-QAM	19.55	19.54	19.61				
Limit	ERP < 3W			Result			Pass			



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NR n25 Maximum Average Power [dBm] (GT - LC = 3.9 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
5	1	1	PI/2 BPSK	23.93	23.83	24.13	28.25	0.6683		
5	1	23		23.90	23.85	24.12				
5	12	6		24.15	24.06	24.21				
5	1	0		23.48	23.43	23.69				
5	1	24		23.56	23.50	23.70				
5	25	0		23.66	23.58	23.82				
5	1	1	QPSK	24.11	24.05	24.23				
5	1	23		24.18	24.20	24.35				
5	12	6		24.10	24.08	24.21				
5	1	0		23.12	23.05	23.32				
5	1	24		23.24	23.17	23.42				
5	25	0		23.16	23.17	23.36				
5	1	1	16-QAM	22.85	22.90	23.05	26.95	0.4955		
5	1	1	64-QAM	21.62	21.52	21.82				
5	1	1	256-QAM	19.75	19.78	19.88				
Limit	EIRP < 2W			Result			Pass			

NR n25 Maximum Average Power [dBm] (GT - LC = 3.9 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK	23.99	24.04	24.28	28.56	0.7178		
10	1	50		24.18	24.08	24.20				
10	25	12		24.22	24.17	24.47				
10	1	0		23.50	23.60	23.85				
10	1	51		23.70	23.68	23.81				
10	50	0		23.79	23.87	24.11				
10	1	1	QPSK	24.23	24.08	24.36				
10	1	50		24.25	24.32	24.66				
10	25	12		24.32	24.30	24.55				
10	1	0		23.18	23.11	23.29				
10	1	51		23.30	23.40	23.56				
10	50	0		23.34	23.42	23.60				
10	1	1	16-QAM	23.09	23.00	23.22	27.12	0.5152		
10	1	1	64-QAM	21.76	21.61	21.98				
10	1	1	256-QAM	19.84	19.79	20.03				
Limit	EIRP < 2W			Result			Pass			



NR n25 Maximum Average Power [dBm] (GT - LC = 3.9 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
15	1	1	PI/2 BPSK	23.90	24.01	24.27	28.50	0.7079		
15	1	77		24.21	24.08	24.20				
15	36	18		24.26	24.22	24.48				
15	1	0		23.49	23.55	23.80				
15	1	78		23.76	23.72	23.76				
15	75	0		23.92	23.89	23.91				
15	1	1	QPSK	24.09	24.03	24.33				
15	1	77		24.13	24.31	24.50				
15	36	18		24.23	24.35	24.60				
15	1	0		23.03	23.00	23.36				
15	1	78		23.12	23.29	23.52				
15	75	0		23.45	23.47	23.44				
15	1	1	16-QAM	22.89	23.01	23.23	27.13	0.5164		
15	1	1	64-QAM	21.60	21.70	21.90				
15	1	1	256-QAM	19.75	19.80	20.00				
Limit	EIRP < 2W			Result			Pass			

NR n25 Maximum Average Power [dBm] (GT - LC = 3.9 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
20	1	1	PI/2 BPSK	23.90	24.01	24.27	28.50	0.7079		
20	1	104		24.21	24.08	24.20				
20	50	25		24.26	24.22	24.48				
20	1	0		23.49	23.55	23.80				
20	1	105		23.76	23.72	23.76				
20	100	0		23.92	23.89	23.91				
20	1	1	QPSK	24.09	24.03	24.33				
20	1	104		24.13	24.31	24.50				
20	50	25		24.23	24.35	24.60				
20	1	0		23.03	23.00	23.36				
20	1	105		23.12	23.29	23.52				
20	100	0		23.45	23.47	23.44				
20	1	1	16-QAM	22.89	23.01	23.23	27.13	0.5164		
20	1	1	64-QAM	21.60	21.70	21.90				
20	1	1	256-QAM	19.75	19.80	20.00				
Limit	EIRP < 2W			Result			Pass			



<Ant. 0>

NR n30 Maximum Average Power [dBm] (GT - LC = -1.1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
5	1	1	PI/2 BPSK	23.42	23.27	23.42	22.56	0.1803		
5	1	23		23.30	23.23	23.38				
5	12	6		23.49	23.37	23.55				
5	1	0		22.98	22.82	22.91				
5	1	24		22.87	22.77	22.95				
5	25	0		22.97	22.89	23.05				
5	1	1	QPSK	23.46	23.43	23.60				
5	1	23		23.42	23.41	23.57				
5	12	6		23.59	23.50	23.66				
5	1	0		22.50	22.49	22.64				
5	1	24		22.46	22.48	22.56				
5	25	0		22.54	22.47	22.64				
5	1	1	16-QAM	22.66	22.70	22.76	21.66	0.1466		
5	1	1	64-QAM	21.70	21.62	21.67				
5	1	1	256-QAM	19.12	19.11	19.19				
Limit	EIRP < 250 mW/5MHz			Result			Pass			

NR n30 Maximum Average Power [dBm] (GT - LC = -1.1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK		23.34		22.35	0.1718		
10	1	50			23.14					
10	25	12			23.20					
10	1	0			22.74					
10	1	51			22.71					
10	50	0			22.66					
10	1	1	QPSK		23.45					
10	1	50			23.24					
10	25	12			23.25					
10	1	0			22.26					
10	1	51			22.29					
10	50	0			22.21					
10	1	1	16-QAM		22.68		21.58	0.1439		
10	1	1	64-QAM		21.62					
10	1	1	256-QAM		19.10					
Limit	EIRP < 250 mW/5MHz			Result			Pass			



<Ant. 2>

NR n41 Maximum Average Power [dBm] (GT - LC = 3.5 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK	25.92	26.40	26.10	30.04	1.0093		
10	1	50		26.28	26.54	25.66				
10	25	12		26.07	26.49	25.80				
10	1	0		22.05	22.35	21.97				
10	1	51		22.26	22.55	21.62				
10	50	0		24.58	24.90	24.27				
10	1	1	QPSK	26.00	26.36	26.00				
10	1	50		26.20	26.53	25.57				
10	25	12		26.03	26.52	25.86				
10	1	0		22.06	22.31	22.00				
10	1	51		22.22	22.48	21.50				
10	50	0		24.09	24.39	23.73				
10	1	1	16-QAM	24.89	25.21	24.81	28.71	0.7430		
10	1	1	64-QAM	23.36	23.74	23.40				
10	1	1	256-QAM	21.56	21.62	21.35				
Limit	EIRP < 2W			Result			Pass			

NR n41 Maximum Average Power [dBm] (GT - LC = 3.5 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
15	1	1	PI/2 BPSK	26.03	26.44	26.76	30.26	1.0617		
15	1	77		26.26	26.60	26.03				
15	36	18		26.16	26.36	26.42				
15	1	0		22.21	22.29	22.61				
15	1	78		22.34	22.54	21.94				
15	75	0		24.68	24.97	24.86				
15	1	1	QPSK	26.01	26.38	26.66			29.26	0.8433
15	1	77		26.23	26.42	25.94				
15	36	18		26.17	26.54	26.43				
15	1	0		22.11	22.24	22.61				
15	1	78		22.24	22.36	21.91				
15	75	0		24.18	24.31	24.36				
15	1	1	16-QAM	25.05	25.18	25.76	29.26	0.8433		
15	1	1	64-QAM	23.68	23.55	24.18				
15	1	1	256-QAM	21.80	21.58	22.01				
Limit	EIRP < 2W			Result			Pass			



NR n41 Maximum Average Power [dBm] (GT - LC = 3.5 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
20	1	1	PI/2 BPSK	25.98	26.32	26.63	30.20	1.0471		
20	1	104		26.14	26.59	26.01				
20	50	25		26.20	26.53	26.70				
20	1	0		21.96	22.14	22.51				
20	1	105		22.07	22.30	21.80				
20	100	0		24.65	24.93	25.02				
20	1	1	QPSK	25.99	26.26	26.62				
20	1	104		26.07	26.46	25.93				
20	50	25		26.20	26.53	26.69				
20	1	0		22.00	22.17	22.57				
20	1	105		22.15	22.31	21.82				
20	100	0		24.17	24.45	24.53				
20	1	1	16-QAM	24.96	25.30	25.44	28.94	0.7834		
20	1	1	64-QAM	23.42	23.81	23.83				
20	1	1	256-QAM	21.42	21.71	21.91				
Limit	EIRP < 2W			Result			Pass			



NR n41 Maximum Average Power [dBm] (GT - LC = 3.5 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
40	1	1	PI/2 BPSK	25.62	25.62	25.89	29.74	0.9419		
40	1	214		25.69	25.76	25.40				
40	108	54		26.16	26.24	26.06				
40	1	0		21.62	21.58	21.79				
40	1	215		21.77	21.67	21.27				
40	216	0		24.56	24.49	24.39				
40	1	1	QPSK	25.57	25.64	25.79				
40	1	214		25.69	25.75	25.32				
40	108	54		26.15	26.10	26.07				
40	1	0		21.68	21.67	21.73				
40	1	215		21.78	21.64	21.32				
40	216	0		24.09	23.99	23.94				
40	1	1	16-QAM	24.64	24.48	24.81	28.31	0.6776		
40	1	1	64-QAM	22.87	22.93	23.19				
40	1	1	256-QAM	21.08	21.04	21.25				
Limit	EIRP < 2W			Result			Pass			

NR n41 Maximum Average Power [dBm] (GT - LC = 3.5 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
50	1	1	PI/2 BPSK	25.91	25.86	26.01	29.94	0.9863		
50	1	268		25.74	26.14	25.85				
50	135	67		26.44	26.21	26.19				
50	1	0		21.99	21.88	22.02				
50	1	269		21.97	22.06	21.54				
50	270	0		24.77	24.75	24.55				
50	1	1	QPSK	26.01	25.77	25.93				
50	1	268		25.92	26.11	25.52				
50	135	67		26.40	26.19	26.33				
50	1	0		22.09	21.84	22.00				
50	1	269		22.11	22.00	21.71				
50	270	0		24.33	24.15	24.19				
50	1	1	16-QAM	24.87	24.86	24.90	28.40	0.6918		
50	1	1	64-QAM	23.43	23.25	23.31				
50	1	1	256-QAM	21.50	21.32	21.43				
Limit	EIRP < 2W			Result			Pass			



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NR n66 Maximum Average Power [dBm] (GT - LC = 2.7 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
5	1	1	PI/2 BPSK	24.12	24.44	24.20	27.40	0.5495		
5	1	23		24.10	24.37	24.26				
5	12	6		24.30	24.59	24.37				
5	1	0		23.70	23.98	23.74				
5	1	24		23.66	23.92	23.80				
5	25	0		23.88	24.21	23.99				
5	1	1	QPSK	24.29	24.66	24.50				
5	1	23		24.21	24.64	24.54				
5	12	6		24.26	24.70	24.42				
5	1	0		23.34	23.71	23.48				
5	1	24		23.30	23.68	23.55				
5	25	0		23.31	23.73	23.50				
5	1	1	16-QAM	23.50	23.94	23.71	26.64	0.4613		
5	1	1	64-QAM	21.64	22.05	21.84				
5	1	1	256-QAM	19.96	20.12	20.14				
Limit	EIRP < 1W			Result			Pass			

NR n66 Maximum Average Power [dBm] (GT - LC = 2.7 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK	24.11	24.24	24.15	27.38	0.5470		
10	1	50		24.14	24.33	24.25				
10	25	12		24.22	24.55	24.36				
10	1	0		23.70	23.95	23.78				
10	1	51		23.75	23.97	23.86				
10	50	0		23.67	23.95	23.84				
10	1	1	QPSK	24.30	24.60	24.44				
10	1	50		24.37	24.68	24.50				
10	25	12		24.25	24.54	24.44				
10	1	0		23.35	23.62	23.44				
10	1	51		23.45	23.76	23.55				
10	50	0		23.21	23.54	23.39				
10	1	1	16-QAM	23.44	23.70	23.55	26.40	0.4365		
10	1	1	64-QAM	21.65	21.85	21.80				
10	1	1	256-QAM	19.88	20.10	19.96				
Limit	EIRP < 1W			Result			Pass			



NR n66 Maximum Average Power [dBm] (GT - LC = 2.7 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
15	1	1	PI/2 BPSK	24.15	24.40	24.38	27.41	0.5508		
15	1	77		24.26	24.37	24.42				
15	36	18		24.35	24.61	24.51				
15	1	0		23.74	23.92	23.95				
15	1	78		23.80	23.97	23.91				
15	75	0		23.81	24.15	23.95				
15	1	1	QPSK	24.38	24.62	24.55				
15	1	77		24.48	24.67	24.60				
15	36	18		24.37	24.71	24.50				
15	1	0		23.44	23.62	23.63				
15	1	78		23.55	23.73	23.66				
15	75	0		23.35	23.65	23.42				
15	1	1	16-QAM	23.43	23.72	23.66	26.42	0.4385		
15	1	1	64-QAM	21.81	21.93	21.88				
15	1	1	256-QAM	21.74	20.20	20.15				
Limit	EIRP < 1W			Result			Pass			

NR n66 Maximum Average Power [dBm] (GT - LC = 2.7 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
20	1	1	PI/2 BPSK	24.04	24.36	24.31	27.40	0.5495		
20	1	104		24.30	24.43	24.26				
20	50	25		24.31	24.68	24.45				
20	1	0		23.65	24.01	23.80				
20	1	105		23.89	23.97	23.78				
20	100	0		23.81	24.09	23.78				
20	1	1	QPSK	24.35	24.55	24.56				
20	1	104		24.55	24.69	24.52				
20	50	25		24.37	24.70	24.55				
20	1	0		23.30	23.56	23.60				
20	1	105		23.51	23.73	23.50				
20	100	0		23.38	23.63	23.32				
20	1	1	16-QAM	23.44	23.66	23.70	26.40	0.4365		
20	1	1	64-QAM	21.65	21.92	21.85				
20	1	1	256-QAM	19.88	20.14	20.10				
Limit	EIRP < 1W			Result			Pass			



NR n66 Maximum Average Power [dBm] (GT - LC = 2.7 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
40	1	1	PI/2 BPSK	23.74	23.91	23.78	27.36	0.5445		
40	1	214		23.90	24.05	23.73				
40	108	54		24.56	24.62	24.42				
40	1	0		23.30	23.46	23.34				
40	1	215		23.52	23.58	23.15				
40	216	0		23.77	23.84	23.75				
40	1	1	QPSK	24.05	24.03	24.22				
40	1	214		24.23	24.17	23.95				
40	108	54		24.56	24.66	24.44				
40	1	0		23.04	23.07	23.03				
40	1	215		23.30	23.21	22.91				
40	216	0		23.33	23.37	23.28				
40	1	1	16-QAM	23.20	23.16	23.40	26.10	0.4074		
40	1	1	64-QAM	21.40	21.46	21.51				
40	1	1	256-QAM	19.55	19.61	19.65				
Limit	EIRP < 1W			Result			Pass			



<Ant. 0>

NR n71 Maximum Average Power [dBm] (GT - LC = 0 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
5	1	1	PI/2 BPSK	24.30	23.93	23.63	22.26	0.1683		
5	1	23		24.26	23.77	23.60				
5	12	6		24.41	23.91	23.70				
5	1	0		23.78	23.44	23.11				
5	1	24		23.72	23.26	23.10				
5	25	0		23.88	23.45	23.17				
5	1	1	QPSK	24.26	23.89	23.61				
5	1	23		24.30	23.82	23.57				
5	12	6		24.40	23.90	23.65				
5	1	0		23.24	22.93	22.60				
5	1	24		23.30	22.80	22.59				
5	25	0		23.35	22.92	22.70				
5	1	1	16-QAM	23.27	22.95	22.62	21.12	0.1294		
5	1	1	64-QAM	21.80	21.52	21.19				
5	1	1	256-QAM	19.95	19.58	19.31				
Limit	ERP < 3W			Result			Pass			

NR n71 Maximum Average Power [dBm] (GT - LC = 0 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
10	1	1	PI/2 BPSK	24.16	23.88	23.55	22.02	0.1592		
10	1	50		24.13	23.62	23.54				
10	25	12		24.11	23.75	23.52				
10	1	0		23.70	23.45	23.00				
10	1	51		23.68	23.20	23.07				
10	50	0		23.50	23.20	23.02				
10	1	1	QPSK	24.15	23.90	23.51			20.95	0.1245
10	1	50		24.17	23.71	23.45				
10	25	12		24.12	23.72	23.55				
10	1	0		23.17	22.93	22.52				
10	1	51		23.20	22.78	22.60				
10	50	0		23.03	22.70	22.51				
10	1	1	16-QAM	23.10	22.86	22.46	20.95	0.1245		
10	1	1	64-QAM	21.76	21.50	21.11				
10	1	1	256-QAM	19.79	19.53	19.18				
Limit	ERP < 3W			Result			Pass			



NR n71 Maximum Average Power [dBm] (GT - LC = 0 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
15	1	1	PI/2 BPSK	24.24	24.11	23.74	22.19	0.1656		
15	1	77		24.10	23.75	23.65				
15	36	18		24.27	23.96	23.75				
15	1	0		23.78	23.63	23.19				
15	1	78		23.60	23.28	23.13				
15	75	0		23.66	23.40	23.34				
15	1	1	QPSK	24.23	24.11	23.74				
15	1	77		24.06	23.77	23.60				
15	36	18		24.34	23.93	23.78				
15	1	0		23.23	23.10	22.77				
15	1	78		23.10	23.74	22.67				
15	75	0		23.15	22.86	22.84				
15	1	1	16-QAM	23.20	23.05	22.72	21.05	0.1274		
15	1	1	64-QAM	21.84	21.62	21.27				
15	1	1	256-QAM	19.94	19.77	19.35				
Limit	ERP < 3W			Result			Pass			

NR n71 Maximum Average Power [dBm] (GT - LC = 0 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
20	1	1	PI/2 BPSK	24.20	24.05	23.90	22.15	0.1641		
20	1	104		23.82	23.19	23.58				
20	50	25		24.25	23.97	23.85				
20	1	0		23.61	23.57	23.40				
20	1	105		23.31	23.18	23.10				
20	100	0		23.66	23.29	23.30				
20	1	1	QPSK	24.11	24.09	23.86				
20	1	104		23.80	23.62	23.57				
20	50	25		24.30	23.95	23.88				
20	1	0		23.14	23.11	22.89				
20	1	105		22.77	22.65	22.59				
20	100	0		23.21	22.83	22.84				
20	1	1	16-QAM	23.17	23.06	22.88	21.02	0.1265		
20	1	1	64-QAM	21.82	21.71	21.54				
20	1	1	256-QAM	19.90	19.72	19.57				
Limit	ERP < 3W			Result			Pass			



<Ant. 5>

NR n77 Maximum Average Power [dBm] (GT - LC = -2.1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK	26.16	26.98	26.48	24.88	0.3076		
10	1	50		26.40	26.92	26.54				
10	25	12		26.28	26.89	26.53				
10	1	0		22.79	23.43	23.13				
10	1	51		23.14	26.92	23.23				
10	50	0		25.24	25.83	25.54				
10	1	1	QPSK	26.11	26.88	26.36				
10	1	50		26.46	26.91	26.57				
10	25	12		26.24	26.92	26.58				
10	1	0		22.66	23.24	22.86				
10	1	51		22.96	23.33	23.11				
10	50	0		24.20	24.81	24.51				
10	1	1	16-QAM	24.82	25.53	25.43	23.43	0.2203		
10	1	1	64-QAM	23.11	23.92	23.35				
10	1	1	256-QAM	20.89	21.63	21.22				
Limit	EIRP < 1W			Result			Pass			

NR n77 Maximum Average Power [dBm] (GT - LC = -2.1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
15	1	1	PI/2 BPSK	26.33	27.01	26.67	24.91	0.3097		
15	1	77		26.82	27.00	26.84				
15	36	18		26.55	27.01	26.80				
15	1	0		22.92	23.43	23.12				
15	1	78		23.38	23.42	23.42				
15	75	0		25.54	25.99	25.78				
15	1	1	QPSK	26.28	26.96	26.62				
15	1	77		26.71	26.93	26.87				
15	36	18		26.55	27.01	26.77				
15	1	0		22.82	23.37	23.07				
15	1	78		23.30	23.34	23.33				
15	75	0		24.50	24.99	24.76				
15	1	1	16-QAM	24.95	25.64	25.13	23.54	0.2259		
15	1	1	64-QAM	23.32	24.00	23.51				
15	1	1	256-QAM	21.11	21.76	21.37				
Limit	EIRP < 1W			Result			Pass			



NR n77 Maximum Average Power [dBm] (GT - LC = -2.1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
20	1	1	PI/2 BPSK	26.44	27.03	26.58	25.07	0.3214		
20	1	104		26.89	26.95	26.72				
20	50	25		26.71	27.11	26.82				
20	1	0		22.95	23.40	23.09				
20	1	105		23.44	23.34	23.41				
20	100	0		25.67	26.08	25.78				
20	1	1	QPSK	26.33	26.98	26.54				
20	1	104		26.83	26.90	26.81				
20	50	25		26.74	27.17	26.77				
20	1	0		22.81	23.34	22.97				
20	1	105		23.36	23.31	23.22				
20	100	0		24.65	25.07	24.75				
20	1	1	16-QAM	24.73	25.69	25.31	23.59	0.2286		
20	1	1	64-QAM	23.35	24.01	23.41				
20	1	1	256-QAM	21.48	21.67	21.37				
Limit	EIRP < 1W			Result			Pass			

NR n77 Maximum Average Power [dBm] (GT - LC = -2.1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
40	1	1	PI/2 BPSK	25.95	26.37	26.29	24.91	0.3097		
40	1	214		26.35	26.38	26.37				
40	108	54		26.80	26.93	26.67				
40	1	0		22.52	22.82	22.74				
40	1	215		22.91	22.77	22.88				
40	216	0		25.57	25.78	25.55				
40	1	1	QPSK	25.91	26.36	26.26				
40	1	214		26.32	26.29	26.31				
40	108	54		26.77	27.01	26.65				
40	1	0		22.43	22.70	22.64				
40	1	215		22.80	22.63	22.81				
40	216	0		24.61	24.75	24.57				
40	1	1	16-QAM	24.70	25.06	25.13	23.03	0.2009		
40	1	1	64-QAM	23.10	23.43	23.33				
40	1	1	256-QAM	20.94	21.27	21.14				
Limit	EIRP < 1W			Result			Pass			



NR n77 Maximum Average Power [dBm] (GT - LC = -2.1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
50	1	1	PI/2 BPSK	26.23	26.68	26.64	24.99	0.3155		
50	1	268		26.46	26.72	26.62				
50	135	67		26.82	27.05	26.73				
50	1	0		22.78	23.10	23.15				
50	1	269		23.07	23.15	23.22				
50	270	0		25.64	25.89	25.76				
50	1	1	QPSK	26.18	26.58	26.60				
50	1	268		26.43	26.75	26.53				
50	135	67		26.90	27.09	26.76				
50	1	0		22.73	23.03	23.03				
50	1	269		22.96	23.07	23.13				
50	270	0		24.64	24.94	24.71				
50	1	1	16-QAM	24.88	25.34	25.42	23.32	0.2148		
50	1	1	64-QAM	23.23	23.76	23.69				
50	1	1	256-QAM	21.24	21.63	21.55				
Limit	EIRP < 1W			Result			Pass			



<SCS (30kHz)>

<Ant. 0>

NR n2 Maximum Average Power [dBm] (GT - LC = 3.9 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK	24.11	23.98	24.12	28.44	0.6982		
10	1	22		24.23	24.06	24.10				
10	12	6		24.54	24.41	24.51				
10	1	0		23.60	23.46	23.72				
10	1	23		23.78	23.58	23.78				
10	24	0		24.01	23.90	24.02				
10	1	1	QPSK	24.09	23.84	24.20				
10	1	22		24.25	23.99	24.35				
10	12	6		24.54	24.24	24.51				
10	1	0		23.20	23.00	23.30				
10	1	23		23.40	23.02	23.38				
10	24	0		23.67	23.54	23.59				
10	1	1	16-QAM	23.62	22.85	23.24	27.52	0.5649		
10	1	1	64-QAM	21.83	21.39	21.80				
10	1	1	256-QAM	20.16	19.80	20.00				
Limit	EIRP < 2W			Result			Pass			



NR n2 Maximum Average Power [dBm] (GT - LC = 3.9 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
15	1	1	PI/2 BPSK	24.01	24.03	24.44	28.40	0.6918		
15	1	36		24.29	24.07	24.21				
15	18	9		24.50	24.27	24.45				
15	1	0		23.58	23.58	23.92				
15	1	37		23.82	23.65	23.69				
15	36	0		24.07	23.90	23.80				
15	1	1	QPSK	23.88	24.11	24.45				
15	1	36		24.30	24.21	24.25				
15	18	9		24.50	24.49	24.44				
15	1	0		23.04	23.12	23.48				
15	1	37		23.43	23.16	23.28				
15	36	0		23.70	23.57	23.46				
15	1	1	16-QAM	22.85	23.22	23.45	27.35	0.5433		
15	1	1	64-QAM	21.46	21.71	21.97				
15	1	1	256-QAM	19.95	20.01	20.33				
Limit	EIRP < 2W			Result			Pass			

NR n2 Maximum Average Power [dBm] (GT - LC = 3.9 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
20	1	1	PI/2 BPSK	23.96	24.21	24.21	28.59	0.7228		
20	1	49		24.24	24.27	24.11				
20	25	12		24.57	24.38	24.35				
20	1	0		23.48	23.72	23.71				
20	1	50		23.78	23.69	23.64				
20	50	0		24.26	23.94	23.52				
20	1	1	QPSK	23.87	24.19	24.17				
20	1	49		24.29	24.17	24.01				
20	25	12		24.69	24.43	24.45				
20	1	0		23.12	23.26	23.24				
20	1	50		23.37	23.37	23.20				
20	50	0		23.80	23.60	23.06				
20	1	1	16-QAM	22.88	23.30	23.07	27.20	0.5248		
20	1	1	64-QAM	21.45	21.85	21.70				
20	1	1	256-QAM	19.96	20.03	19.90				
Limit	EIRP < 2W			Result			Pass			



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NR n5 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	24.82	24.85	24.62	23.74	0.2366		
10	1	22		24.97	24.77	24.67				
10	12	6		24.99	24.92	24.83				
10	1	0		24.48	24.54	24.30				
10	1	23		24.64	24.46	24.20				
10	24	0		24.68	24.61	24.52				
10	1	1	QPSK	24.84	24.88	24.66				
10	1	22		24.92	24.78	24.68				
10	12	6		24.99	24.96	24.77				
10	1	0		24.08	24.08	23.89				
10	1	23		24.10	24.06	23.92				
10	24	0		24.20	24.10	24.03				
10	1	1	16-QAM	23.83	24.00	23.83	22.75	0.1884		
10	1	1	64-QAM	22.42	22.50	22.30				
10	1	1	256-QAM	20.70	20.46	20.50				
Limit	ERP < 7W			Result			Pass			



NR n5 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	24.75	24.79	24.78	23.74	0.2366		
15	1	36		24.84	24.76	24.70				
15	18	9		24.99	24.93	24.81				
15	1	0		24.40	24.45	24.42				
15	1	37		24.43	24.40	24.19				
15	36	0		24.64	24.64	24.50				
15	1	1	QPSK	24.76	24.84	24.85				
15	1	36		24.77	24.81	24.87				
15	18	9		24.95	24.90	24.90				
15	1	0		23.92	23.97	23.95				
15	1	37		23.98	24.03	23.91				
15	36	0		24.15	24.12	24.04				
15	1	1	16-QAM	23.79	23.96	23.90	22.71	0.1866		
15	1	1	64-QAM	23.28	22.44	22.30				
15	1	1	256-QAM	20.29	20.63	20.55				
Limit	ERP < 7W			Result			Pass			

NR n5 Maximum Average Power [dBm] (GT - LC = 0.9 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
20	1	1	PI/2 BPSK	24.67	24.73	24.67	23.65	0.2317		
20	1	49		24.69	24.71	24.66				
20	25	12		24.87	24.86	24.87				
20	1	0		24.31	24.38	24.36				
20	1	50		24.35	24.33	24.20				
20	50	0		24.58	24.48	24.49				
20	1	1	QPSK	24.66	24.84	24.71				
20	1	49		24.75	24.72	24.67				
20	25	12		24.82	24.90	24.88				
20	1	0		23.84	23.97	23.89				
20	1	50		23.96	23.93	23.83				
20	50	0		24.06	24.07	23.99				
20	1	1	16-QAM	23.66	23.97	23.84	22.72	0.1871		
20	1	1	64-QAM	22.26	22.45	22.36				
20	1	1	256-QAM	20.42	20.61	20.51				
Limit	ERP < 7W			Result			Pass			



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NR n12 Maximum Average Power [dBm] (GT - LC = 0 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
10	1	1	PI/2 BPSK	23.86	23.85	23.81	21.95	0.1567		
10	1	22		23.87	24.00	23.92				
10	12	6		23.96	24.10	24.07				
10	1	0		23.38	23.40	23.35				
10	1	23		23.34	23.56	23.45				
10	24	0		23.37	23.61	23.59				
10	1	1	QPSK	23.83	23.80	23.86				
10	1	22		23.84	23.98	23.97				
10	12	6		23.96	24.02	24.10				
10	1	0		22.80	22.83	22.90				
10	1	23		22.82	23.00	22.88				
10	24	0		22.90	23.08	23.06				
10	1	1	16-QAM	22.70	22.77	22.73	20.62	0.1153		
10	1	1	64-QAM	21.36	21.44	21.37				
10	1	1	256-QAM	19.25	19.00	19.33				
Limit	ERP < 3W			Result			Pass			

NR n12 Maximum Average Power [dBm] (GT - LC = 0 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
15	1	1	PI/2 BPSK	23.83	23.86	23.87	21.94	0.1563		
15	1	36		24.01	23.97	23.89				
15	18	9		24.09	24.07	24.04				
15	1	0		23.38	23.35	23.36				
15	1	37		23.48	23.44	23.38				
15	36	0		23.51	23.54	23.58				
15	1	1	QPSK	23.91	23.91	23.85				
15	1	36		24.05	24.03	23.93				
15	18	9		24.02	24.06	24.05				
15	1	0		22.89	22.87	22.90				
15	1	37		23.00	22.93	22.97				
15	36	0		23.01	23.03	23.10				
15	1	1	16-QAM	22.75	22.87	22.81	20.72	0.1180		
15	1	1	64-QAM	21.36	21.24	21.50				
15	1	1	256-QAM	19.15	19.21	19.35				
Limit	ERP < 3W			Result			Pass			



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NR n25 Maximum Average Power [dBm] (GT - LC = 3.9 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK	23.92	23.94	24.22	28.40	0.6918		
10	1	22		23.87	23.90	24.17				
10	12	6		24.25	24.19	24.50				
10	1	0		23.46	23.47	23.67				
10	1	23		23.42	23.35	23.70				
10	24	0		23.85	23.85	24.04				
10	1	1	QPSK	23.95	23.91	24.18				
10	1	22		24.03	23.93	24.13				
10	12	6		24.30	24.21	24.44				
10	1	0		23.07	23.09	23.25				
10	1	23		23.13	22.97	23.19				
10	24	0		23.41	23.38	23.55				
10	1	1	16-QAM	23.07	23.07	23.28	27.18	0.5224		
10	1	1	64-QAM	21.41	21.46	21.87				
10	1	1	256-QAM	19.73	19.64	19.98				
Limit	EIRP < 2W			Result			Pass			



NR n25 Maximum Average Power [dBm] (GT - LC = 3.9 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
15	1	1	PI/2 BPSK	23.89	23.96	24.15	28.40	0.6918		
15	1	36		24.01	24.00	24.12				
15	18	9		24.20	24.25	24.50				
15	1	0		23.44	23.50	23.76				
15	1	37		23.56	23.45	23.65				
15	36	0		23.92	23.86	24.12				
15	1	1	QPSK	23.92	23.94	24.12				
15	1	36		24.05	23.97	24.11				
15	18	9		24.24	24.20	24.48				
15	1	0		23.10	23.00	23.25				
15	1	37		23.12	23.05	23.14				
15	36	0		23.34	23.48	23.70				
15	1	1	16-QAM	23.10	23.08	23.30	27.20	0.5248		
15	1	1	64-QAM	21.36	21.60	21.96				
15	1	1	256-QAM	19.56	19.66	19.98				
Limit	EIRP < 2W			Result			Pass			

NR n25 Maximum Average Power [dBm] (GT - LC = 3.9 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
20	1	1	PI/2 BPSK	23.77	23.92	24.16	28.56	0.7178		
20	1	49		23.98	24.03	24.10				
20	25	12		24.23	24.40	24.62				
20	1	0		23.31	23.47	23.80				
20	1	50		23.56	23.54	23.58				
20	50	0		23.97	24.07	24.12				
20	1	1	QPSK	23.83	23.90	24.22				
20	1	49		24.14	24.00	24.15				
20	25	12		24.31	24.40	24.66				
20	1	0		22.89	23.00	23.33				
20	1	50		23.12	23.07	23.16				
20	50	0		23.52	23.46	23.50				
20	1	1	16-QAM	23.02	22.99	23.15	27.05	0.5070		
20	1	1	64-QAM	21.33	21.64	21.92				
20	1	1	256-QAM	19.62	19.66	19.88				
Limit	EIRP < 2W			Result			Pass			



<Ant. 0>

NR n30 Maximum Average Power [dBm] (GT - LC = -1.1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK		23.46		22.98	0.1986		
10	1	22			23.30					
10	12	6			23.63					
10	1	0			23.12					
10	1	23			22.89					
10	24	0			23.21					
10	1	1	QPSK		24.08					
10	1	22			23.91					
10	12	6			23.67					
10	1	0			22.94					
10	1	23			22.78					
10	24	0			22.70					
10	1	1	16-QAM		22.93		21.83	0.1524		
10	1	1	64-QAM		21.62					
10	1	1	256-QAM		19.24					
Limit	EIRP < 250 mW/5MHz			Result			Pass			



<Ant. 2>

NR n41 Maximum Average Power [dBm] (GT - LC = 3.5 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK	25.88	26.00	25.73	29.68	0.9290		
10	1	22		26.00	26.04	25.24				
10	12	6		26.03	26.18	25.56				
10	1	0		21.98	22.00	21.86				
10	1	23		22.07	22.08	21.31				
10	24	0		24.54	24.60	24.07				
10	1	1	QPSK	26.01	25.90	25.82				
10	1	22		26.05	25.95	25.30				
10	12	6		26.08	26.12	25.62				
10	1	0		22.03	22.03	21.93				
10	1	23		22.26	22.10	21.34				
10	24	0		24.07	24.07	23.56				
10	1	1	16-QAM	25.25	24.98	24.99	28.75	0.7499		
10	1	1	64-QAM	23.34	23.01	23.07				
10	1	1	256-QAM	21.49	21.63	21.01				
Limit	EIRP < 2W			Result			Pass			

NR n41 Maximum Average Power [dBm] (GT - LC = 3.5 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
15	1	1	PI/2 BPSK	25.75	25.85	26.19	29.69	0.9311		
15	1	36		25.90	25.94	25.35				
15	18	9		26.01	26.03	25.90				
15	1	0		21.79	21.88	22.25				
15	1	37		21.96	22.00	21.40				
15	36	0		24.45	24.53	24.40				
15	1	1	QPSK	25.80	25.94	26.18				
15	1	36		25.93	26.00	25.36				
15	18	9		25.92	26.07	25.90				
15	1	0		21.84	21.97	22.25				
15	1	37		22.01	22.06	21.40				
15	36	0		23.94	24.08	23.90				
15	1	1	16-QAM	25.03	24.96	25.10	28.60	0.7244		
15	1	1	64-QAM	23.05	23.28	23.44				
15	1	1	256-QAM	21.22	21.44	21.67				
Limit	EIRP < 2W			Result			Pass			



NR n41 Maximum Average Power [dBm] (GT - LC = 3.5 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
20	1	1	PI/2 BPSK	25.67	25.98	26.24	29.74	0.9419		
20	1	49		25.80	26.08	25.42				
20	25	12		25.94	26.23	26.17				
20	1	0		21.71	22.03	22.31				
20	1	50		21.87	22.15	21.47				
20	50	0		24.41	24.70	24.64				
20	1	1	QPSK	25.76	26.04	26.23				
20	1	49		25.83	26.10	25.44				
20	25	12		25.98	26.22	26.13				
20	1	0		21.83	22.07	22.35				
20	1	50		22.00	22.19	21.52				
20	50	0		23.97	24.19	24.10				
20	1	1	16-QAM	25.82	25.16	25.33	29.32	0.8551		
20	1	1	64-QAM	23.14	23.20	23.50				
20	1	1	256-QAM	21.26	21.40	21.72				
Limit	EIRP < 2W			Result			Pass			



NR n41 Maximum Average Power [dBm] (GT - LC = 3.5 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
40	1	1	PI/2 BPSK	25.44	25.56	25.57	29.64	0.9204		
40	1	104		25.54	25.71	25.28				
40	50	25		26.01	26.08	25.98				
40	1	0		21.51	21.61	21.61				
40	1	105		21.65	21.77	21.35				
40	100	0		24.50	24.60	24.38				
40	1	1	QPSK	25.44	25.63	25.50				
40	1	104		25.60	25.79	25.34				
40	50	25		26.00	26.14	25.98				
40	1	0		21.58	21.67	21.66				
40	1	105		21.70	21.82	21.34				
40	100	0		23.97	24.13	23.91				
40	1	1	16-QAM	24.58	24.61	24.58	28.11	0.6471		
40	1	1	64-QAM	22.82	22.98	22.75				
40	1	1	256-QAM	21.03	21.20	21.18				
Limit	EIRP < 2W			Result			Pass			

NR n41 Maximum Average Power [dBm] (GT - LC = 3.5 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
50	1	1	PI/2 BPSK	25.74	25.63	25.76	29.68	0.9290		
50	1	131		25.78	25.93	25.65				
50	64	32		26.11	26.15	26.15				
50	1	0		21.84	21.66	21.87				
50	1	132		21.85	22.04	21.74				
50	128	0		24.55	24.70	24.59				
50	1	1	QPSK	25.80	25.62	25.86				
50	1	131		25.82	25.97	25.72				
50	64	32		26.08	26.17	26.18				
50	1	0		21.90	21.73	21.92				
50	1	132		21.95	22.06	21.81				
50	128	0		24.08	24.21	24.09				
50	1	1	16-QAM	24.90	24.76	24.85	28.40	0.6918		
50	1	1	64-QAM	23.19	23.00	23.12				
50	1	1	256-QAM	21.33	21.16	21.31				
Limit	EIRP < 2W			Result			Pass			



NR n41 Maximum Average Power [dBm] (GT - LC = 3.5 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
60	1	1	PI/2 BPSK	25.76	25.29	25.71	29.64	0.9204		
60	1	160		25.66	25.94	25.64				
60	81	40		26.03	26.10	26.06				
60	1	0		21.85	21.46	21.81				
60	1	161		21.70	22.04	21.67				
60	162	0		24.43	24.70	24.53				
60	1	1	QPSK	25.77	25.37	25.73				
60	1	160		25.67	25.98	25.64				
60	81	40		26.04	26.14	26.07				
60	1	0		21.91	21.49	21.86				
60	1	161		21.77	22.06	21.73				
60	162	0		23.98	24.20	23.96				
60	1	1	16-QAM	24.93	24.59	24.89	28.43	0.6966		
60	1	1	64-QAM	23.15	22.80	23.01				
60	1	1	256-QAM	21.30	20.95	21.28				
Limit	EIRP < 2W			Result			Pass			



NR n41 Maximum Average Power [dBm] (GT - LC = 3.5 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
80	1	1	PI/2 BPSK	25.57	25.88	25.64	29.67	0.9268		
80	1	215		25.58	25.77	25.89				
80	108	54		26.16	26.11	25.84				
80	1	0		21.77	22.07	21.87				
80	1	216		21.79	22.02	22.16				
80	216	0		24.44	24.61	24.30				
80	1	1	QPSK	25.64	25.87	25.66				
80	1	215		25.62	25.80	25.95				
80	108	54		26.17	26.11	25.84				
80	1	0		21.83	22.19	21.93				
80	1	216		21.88	22.06	22.17				
80	216	0		23.97	24.09	23.78				
80	1	1	16-QAM	24.80	25.07	24.64	28.57	0.7194		
80	1	1	64-QAM	23.10	23.12	22.96				
80	1	1	256-QAM	21.22	21.48	21.29				
Limit	EIRP < 2W			Result			Pass			

NR n41 Maximum Average Power [dBm] (GT - LC = 3.5 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
90	1	1	PI/2 BPSK	25.50	25.68	25.71	29.71	0.9354		
90	1	243		25.63	25.63	25.96				
90	120	60		26.16	26.11	25.94				
90	1	0		21.73	21.97	21.95				
90	1	244		21.87	21.82	22.20				
90	240	0		24.43	24.64	24.30				
90	1	1	QPSK	25.54	25.79	25.65				
90	1	243		25.71	25.66	25.97				
90	120	60		26.21	26.12	25.90				
90	1	0		21.80	22.02	21.98				
90	1	244		22.02	21.94	22.25				
90	240	0		23.96	24.10	23.83				
90	1	1	16-QAM	24.69	25.05	24.86	28.55	0.7161		
90	1	1	64-QAM	22.92	23.07	23.01				
90	1	1	256-QAM	21.14	21.45	21.32				
Limit	EIRP < 2W			Result			Pass			



NR n41 Maximum Average Power [dBm] (GT - LC = 3.5 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
100	1	1	PI/2 BPSK	25.38	25.52	25.60	29.64	0.9204		
100	1	271		25.68	25.25	25.74				
100	135	67		26.12	26.12	25.80				
100	1	0		21.59	21.70	21.87				
100	1	272		21.93	21.48	21.99				
100	270	0		24.27	24.67	24.23				
100	1	1	QPSK	25.45	25.59	25.68				
100	1	271		25.72	25.30	25.80				
100	135	67		26.14	26.09	25.77				
100	1	0		21.68	21.79	21.89				
100	1	272		22.01	21.51	22.05				
100	270	0		23.81	24.12	23.74				
100	1	1	16-QAM	24.59	24.65	24.75	28.25	0.6683		
100	1	1	64-QAM	22.91	22.78	22.95				
100	1	1	256-QAM	21.05	21.14	21.26				
Limit	EIRP < 2W			Result			Pass			



<Ant. 0>

NR n66 Maximum Average Power [dBm] (GT - LC = 2.7 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK	24.19	24.36	24.21	27.43	0.5534		
10	1	22		24.09	24.32	24.24				
10	12	6		24.39	24.73	24.56				
10	1	0		23.68	23.88	23.83				
10	1	23		23.62	23.85	23.84				
10	24	0		23.88	24.20	24.07				
10	1	1	QPSK	24.10	24.36	24.35				
10	1	22		24.13	24.31	24.30				
10	12	6		24.40	24.67	24.64				
10	1	0		23.37	23.32	23.45				
10	1	23		23.33	23.42	23.30				
10	24	0		23.45	23.75	23.70				
10	1	1	16-QAM	23.78	23.73	23.61	26.48	0.4446		
10	1	1	64-QAM	21.71	22.00	21.94				
10	1	1	256-QAM	20.10	20.40	20.27				
Limit	EIRP < 1W			Result			Pass			



NR n66 Maximum Average Power [dBm] (GT - LC = 2.7 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
15	1	1	PI/2 BPSK	24.07	24.29	24.25	27.30	0.5370		
15	1	36		24.08	24.28	24.22				
15	18	9		24.30	24.53	24.48				
15	1	0		23.54	23.81	23.84				
15	1	37		23.57	23.75	23.72				
15	36	0		23.75	24.11	23.96				
15	1	1	QPSK	24.12	24.32	24.15				
15	1	36		24.17	24.32	24.12				
15	18	9		24.33	24.60	24.47				
15	1	0		23.08	23.24	23.32				
15	1	37		23.05	23.28	23.15				
15	36	0		23.34	23.76	23.55				
15	1	1	16-QAM	22.98	23.22	23.05	25.92	0.3908		
15	1	1	64-QAM	21.64	21.84	21.74				
15	1	1	256-QAM	20.01	20.21	20.20				
Limit	EIRP < 1W			Result			Pass			

NR n66 Maximum Average Power [dBm] (GT - LC = 2.7 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
20	1	1	PI/2 BPSK	23.92	24.25	24.20	27.64	0.5808		
20	1	49		24.04	24.31	24.17				
20	25	12		24.26	24.73	24.48				
20	1	0		23.45	23.87	23.82				
20	1	50		23.60	23.84	23.62				
20	50	0		23.83	24.26	23.85				
20	1	1	QPSK	24.69	24.72	24.76				
20	1	49		24.84	24.94	24.82				
20	25	12		24.45	24.64	24.67				
20	1	0		23.51	23.63	23.85				
20	1	50		23.62	24.01	23.96				
20	50	0		23.32	23.65	23.34				
20	1	1	16-QAM	22.84	23.31	23.01	26.01	0.3990		
20	1	1	64-QAM	22.15	22.00	22.38				
20	1	1	256-QAM	19.88	19.91	20.10				
Limit	EIRP < 1W			Result			Pass			



NR n66 Maximum Average Power [dBm] (GT - LC = 2.7 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
40	1	1	PI/2 BPSK	23.67	23.81	23.82	27.53	0.5662		
40	1	104		23.90	24.06	23.86				
40	50	25		24.47	24.69	24.59				
40	1	0		23.25	23.33	23.38				
40	1	105		23.47	23.58	23.43				
40	100	0		23.90	23.91	24.08				
40	1	1	QPSK	24.65	24.48	24.72				
40	1	104		24.83	24.60	24.80				
40	50	25		24.55	24.68	24.64				
40	1	0		23.36	23.46	23.56				
40	1	105		23.81	23.60	23.78				
40	100	0		23.40	23.44	23.58				
40	1	1	16-QAM	22.61	22.86	23.00	25.70	0.3715		
40	1	1	64-QAM	21.53	21.46	21.55				
40	1	1	256-QAM	19.54	19.60	19.61				
Limit	EIRP < 1W			Result			Pass			



<Ant. 0>

NR n71 Maximum Average Power [dBm] (GT - LC = 0 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
10	1	1	PI/2 BPSK	24.16	23.90	23.53	22.11	0.1626		
10	1	22		24.03	23.57	23.49				
10	12	6		24.26	23.95	23.69				
10	1	0		23.68	23.42	23.00				
10	1	23		23.55	23.05	22.93				
10	24	0		23.63	23.37	23.21				
10	1	1	QPSK	24.21	23.93	23.55				
10	1	22		24.07	23.56	23.55				
10	12	6		24.26	23.92	23.71				
10	1	0		23.22	22.97	22.55				
10	1	23		23.03	22.55	22.46				
10	24	0		23.18	22.86	22.72				
10	1	1	16-QAM	23.16	22.96	22.58	21.01	0.1262		
10	1	1	64-QAM	21.52	21.37	20.88				
10	1	1	256-QAM	19.55	19.31	18.91				
Limit	ERP < 3W			Result			Pass			



NR n71 Maximum Average Power [dBm] (GT - LC = 0 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
15	1	1	PI/2 BPSK	24.10	23.93	23.58	22.12	0.1629		
15	1	36		23.90	23.51	23.44				
15	18	9		24.25	23.88	23.77				
15	1	0		23.62	23.45	23.00				
15	1	37		23.28	23.00	22.89				
15	36	0		23.71	23.39	23.32				
15	1	1	QPSK	24.20	23.96	23.60				
15	1	36		23.94	23.53	23.47				
15	18	9		24.27	23.96	23.73				
15	1	0		23.10	22.93	22.64				
15	1	37		22.84	22.50	22.46				
15	36	0		23.15	22.84	22.84				
15	1	1	16-QAM	23.17	22.89	22.66	21.02	0.1265		
15	1	1	64-QAM	21.52	21.50	21.00				
15	1	1	256-QAM	19.53	19.44	19.10				
Limit	ERP < 3W			Result			Pass			

NR n71 Maximum Average Power [dBm] (GT - LC = 0 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
20	1	1	PI/2 BPSK	24.03	23.88	23.70	22.09	0.1618		
20	1	49		23.60	23.42	23.40				
20	25	12		24.24	23.85	23.93				
20	1	0		23.57	23.41	23.20				
20	1	50		23.05	22.90	22.82				
20	50	0		23.66	23.23	23.35				
20	1	1	QPSK	24.10	23.95	23.80				
20	1	49		23.65	23.43	23.48				
20	25	12		24.24	23.86	23.83				
20	1	0		23.11	22.91	22.80				
20	1	50		22.67	22.41	22.39				
20	50	0		23.13	22.75	22.78				
20	1	1	16-QAM	23.03	22.95	22.75	20.88	0.1225		
20	1	1	64-QAM	21.54	21.50	21.20				
20	1	1	256-QAM	19.56	19.44	19.11				
Limit	ERP < 3W			Result			Pass			



<Ant. 5>

NR n77 Maximum Average Power [dBm] (GT - LC = -2.1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK	26.28	26.94	26.52	24.90	0.3090		
10	1	22		26.43	26.93	26.64				
10	12	6		26.34	26.95	26.62				
10	1	0		22.69	23.25	23.01				
10	1	23		22.77	23.22	23.13				
10	24	0		25.19	26.03	25.67				
10	1	1	QPSK	26.75	27.00	26.47				
10	1	22		26.86	26.83	26.68				
10	12	6		26.23	26.93	26.70				
10	1	0		22.76	23.10	23.00				
10	1	23		22.82	23.17	23.08				
10	24	0		24.21	24.83	24.69				
10	1	1	16-QAM	25.28	26.24	26.14	24.14	0.2594		
10	1	1	64-QAM	23.43	24.23	23.83				
10	1	1	256-QAM	21.67	22.29	21.87				
Limit	EIRP < 1W			Result			Pass			

NR n77 Maximum Average Power [dBm] (GT - LC = -2.1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
15	1	1	PI/2 BPSK	26.48	27.08	26.64	25.45	0.3508		
15	1	36		26.89	27.03	26.74				
15	18	9		26.53	27.05	26.75				
15	1	0		22.55	23.30	23.02				
15	1	37		22.91	23.10	23.14				
15	36	0		25.48	25.95	25.76				
15	1	1	QPSK	25.91	27.55	26.61				
15	1	36		26.27	27.40	26.76				
15	18	9		26.23	27.00	26.74				
15	1	0		22.55	23.43	23.00				
15	1	37		22.88	23.32	23.14				
15	36	0		24.20	24.86	24.77				
15	1	1	16-QAM	25.09	26.01	26.23	24.13	0.2588		
15	1	1	64-QAM	23.59	24.16	23.91				
15	1	1	256-QAM	21.61	22.30	21.95				
Limit	EIRP < 1W			Result			Pass			



NR n77 Maximum Average Power [dBm] (GT - LC = -2.1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
20	1	1	PI/2 BPSK	26.55	27.00	26.44	24.90	0.3090		
20	1	49		26.88	26.86	26.60				
20	25	12		26.47	26.85	26.67				
20	1	0		22.69	23.18	22.90				
20	1	50		22.92	23.15	23.09				
20	50	0		25.35	25.73	25.68				
20	1	1	QPSK	26.49	26.70	26.53				
20	1	49		26.80	26.73	26.66				
20	25	12		26.44	26.91	26.70				
20	1	0		22.76	23.14	22.95				
20	1	50		23.06	23.04	23.13				
20	50	0		24.30	24.85	24.66				
20	1	1	16-QAM	25.13	25.93	25.72	23.83	0.2415		
20	1	1	64-QAM	23.33	24.20	23.77				
20	1	1	256-QAM	21.58	22.24	21.91				
Limit	EIRP < 1W			Result			Pass			

NR n77 Maximum Average Power [dBm] (GT - LC = -2.1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
40	1	1	PI/2 BPSK	25.81	26.77	26.21	24.92	0.3105		
40	1	104		26.46	26.76	26.22				
40	50	25		26.36	26.83	26.60				
40	1	0		22.19	22.64	22.81				
40	1	105		22.47	22.65	22.85				
40	100	0		25.36	25.58	25.60				
40	1	1	QPSK	25.63	27.02	26.28				
40	1	104		26.24	26.66	26.26				
40	50	25		26.59	26.78	26.65				
40	1	0		22.19	22.67	22.65				
40	1	105		22.51	22.75	22.88				
40	100	0		24.37	24.69	24.61				
40	1	1	16-QAM	24.56	25.44	25.46	23.36	0.2168		
40	1	1	64-QAM	23.12	23.56	23.49				
40	1	1	256-QAM	21.28	21.64	21.60				
Limit	EIRP < 1W			Result			Pass			



NR n77 Maximum Average Power [dBm] (GT - LC = -2.1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
50	1	1	PI/2 BPSK	26.10	26.97	26.58	24.87	0.3069		
50	1	131		26.34	26.86	26.60				
50	64	32		26.47	26.94	26.74				
50	1	0		22.50	22.91	22.94				
50	1	132		22.66	22.96	23.14				
50	128	0		25.26	25.72	25.69				
50	1	1	QPSK	26.21	26.44	26.75				
50	1	131		26.82	26.43	26.58				
50	64	32		26.42	26.89	26.75				
50	1	0		22.54	22.82	23.08				
50	1	132		22.85	22.94	23.31				
50	128	0		24.17	24.88	24.69				
50	1	1	16-QAM	24.96	25.64	25.56	23.54	0.2259		
50	1	1	64-QAM	23.31	23.96	23.80				
50	1	1	256-QAM	21.41	21.97	21.96				
Limit	EIRP < 1W			Result			Pass			

NR n77 Maximum Average Power [dBm] (GT - LC = -2.1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
60	1	1	PI/2 BPSK	26.11	26.32	26.27	24.85	0.3055		
60	1	160		26.81	26.77	26.46				
60	81	40		26.34	26.66	26.58				
60	1	0		22.33	22.70	22.68				
60	1	161		22.67	22.84	23.06				
60	162	0		25.08	25.68	25.53				
60	1	1	QPSK	25.94	26.35	26.62				
60	1	160		26.78	26.95	26.65				
60	81	40		26.27	26.80	26.62				
60	1	0		22.49	22.78	22.78				
60	1	161		22.95	23.01	23.13				
60	162	0		24.05	24.58	24.54				
60	1	1	16-QAM	24.81	25.41	25.22	23.31	0.2143		
60	1	1	64-QAM	23.02	23.44	23.43				
60	1	1	256-QAM	21.35	21.77	21.86				
Limit	EIRP < 1W			Result			Pass			



NR n77 Maximum Average Power [dBm] (GT - LC = -2.1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
80	1	1	PI/2 BPSK	26.84	26.31	26.08	24.80	0.3020		
80	1	215		26.55	26.40	26.36				
80	108	54		26.45	26.90	26.48				
80	1	0		22.36	22.40	22.47				
80	1	216		22.73	22.86	22.69				
80	216	0		25.26	25.54	25.30				
80	1	1	QPSK	25.99	26.40	26.33				
80	1	215		26.51	26.71	26.44				
80	108	54		26.41	26.59	26.70				
80	1	0		22.39	22.49	22.71				
80	1	216		22.90	22.85	22.92				
80	216	0		24.25	24.47	24.20				
80	1	1	16-QAM	24.80	25.07	25.13	23.03	0.2009		
80	1	1	64-QAM	22.85	23.33	23.56				
80	1	1	256-QAM	21.32	21.67	21.90				
Limit	EIRP < 1W			Result			Pass			



NR n77 Maximum Average Power [dBm] (GT - LC = -2.1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
90	1	1	PI/2 BPSK	26.18	26.09	26.64	24.78	0.3006		
90	1	243		26.65	26.48	26.16				
90	120	60		26.36	26.74	26.70				
90	1	0		22.15	22.35	22.64				
90	1	244		22.65	22.83	22.83				
90	243	0		25.23	25.52	25.58				
90	1	1	QPSK	26.28	26.51	26.82				
90	1	243		26.86	26.88	26.27				
90	120	60		26.52	26.65	26.73				
90	1	0		22.26	22.33	22.70				
90	1	244		22.74	22.85	22.80				
90	243	0		24.25	24.48	24.57				
90	1	1	16-QAM	24.47	25.00	25.28	23.18	0.2080		
90	1	1	64-QAM	22.55	23.17	23.53				
90	1	1	256-QAM	21.26	21.65	21.91				
Limit	EIRP < 1W			Result			Pass			

NR n77 Maximum Average Power [dBm] (GT - LC = -2.1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
100	1	1	PI/2 BPSK	25.70	26.09	26.26	24.58	0.2871		
100	1	271		26.22	26.40	26.02				
100	135	67		26.34	26.58	26.47				
100	1	0		22.13	22.18	22.44				
100	1	272		22.39	22.66	22.52				
100	270	0		25.23	25.38	25.37				
100	1	1	QPSK	25.17	26.26	26.29				
100	1	271		25.77	26.68	26.22				
100	135	67		26.12	26.60	26.52				
100	1	0		22.21	22.41	22.34				
100	1	272		22.34	22.64	22.66				
100	270	0		24.15	24.37	24.38				
100	1	1	16-QAM	24.11	24.88	25.00	22.90	0.1950		
100	1	1	64-QAM	22.65	23.09	23.10				
100	1	1	256-QAM	21.06	21.51	21.59				
Limit	EIRP < 1W			Result			Pass			



<SCS (15kHz)>

<Ant. 4>

NR n2 Maximum Average Power [dBm] (GT - LC = 3.7 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
5	1	1	PI/2 BPSK	22.14	22.31	20.04	26.06	0.4036		
5	1	23		22.17	22.19	20.07				
5	12	6		22.27	22.21	20.06				
5	1	0		22.15	22.21	19.85				
5	1	24		22.18	22.20	19.82				
5	25	0		22.24	22.36	20.04				
5	1	1	QPSK	20.11	20.15	20.22				
5	1	23		19.98	20.17	20.20				
5	12	6		19.70	22.22	21.54				
5	1	0		21.60	19.72	21.60				
5	1	24		21.66	19.66	21.62				
5	25	0		21.63	19.56	21.74				
5	1	1	16-QAM	18.74	19.40	19.54	23.24	0.2109		
5	1	1	64-QAM	18.81	18.67	19.00				
5	1	1	256-QAM	17.51	18.69	17.92				
Limit	EIRP < 2W			Result			Pass			

NR n2 Maximum Average Power [dBm] (GT - LC = 3.7 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK	20.13	20.00	20.04	26.11	0.4083		
10	1	50		20.14	20.06	20.02				
10	25	12		22.37	20.17	20.05				
10	1	0		22.24	19.88	22.00				
10	1	51		22.41	19.79	21.96				
10	50	0		19.90	22.05	21.25				
10	1	1	QPSK	20.04	19.89	20.05				
10	1	50		20.06	19.55	20.15				
10	25	12		19.70	20.07	19.66				
10	1	0		19.65	19.83	19.67				
10	1	51		19.61	19.81	19.62				
10	50	0		19.66	19.88	19.50				
10	1	1	16-QAM	21.70	19.44	21.71	25.41	0.3475		
10	1	1	64-QAM	18.17	19.89	20.10				
10	1	1	256-QAM	18.15	18.75	17.94				
Limit	EIRP < 2W			Result			Pass			



NR n2 Maximum Average Power [dBm] (GT - LC = 3.7 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
15	1	1	PI/2 BPSK	20.08	20.17	20.12	24.00	0.2512		
15	1	77		20.17	20.26	20.23				
15	36	18		20.09	20.30	19.80				
15	1	0		19.83	20.00	19.95				
15	1	78		19.78	20.04	19.94				
15	75	0		19.95	20.15	19.81				
15	1	1	QPSK	20.12	19.83	20.18				
15	1	77		20.07	19.87	20.17				
15	36	18		20.02	20.04	20.23				
15	1	0		20.00	20.00	19.59				
15	1	78		19.99	19.59	19.85				
15	75	0		19.61	19.83	19.56				
15	1	1	16-QAM	19.58	18.51	19.99	23.69	0.2339		
15	1	1	64-QAM	19.52	18.73	18.77				
15	1	1	256-QAM	19.51	17.22	17.60				
Limit	EIRP < 2W			Result			Pass			

NR n2 Maximum Average Power [dBm] (GT - LC = 3.7 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
20	1	1	PI/2 BPSK	22.65	22.37	22.00	26.42	0.4385		
20	1	104		22.72	22.44	21.96				
20	50	25		22.71	22.30	21.87				
20	1	0		21.92	22.16	21.47				
20	1	105		22.16	21.77	21.59				
20	100	0		22.18	21.81	21.66				
20	1	1	QPSK	21.66	22.24	22.62				
20	1	104		21.59	22.00	22.57				
20	50	25		21.49	21.95	22.49				
20	1	0		21.58	21.84	21.49				
20	1	105		21.51	21.83	21.59				
20	100	0		21.79	21.77	21.59				
20	1	1	16-QAM	21.12	22.00	20.50	25.70	0.3715		
20	1	1	64-QAM	20.42	20.13	20.46				
20	1	1	256-QAM	19.44	18.05	18.04				
Limit	EIRP < 2W			Result			Pass			



<Ant. 4>

NR n66 Maximum Average Power [dBm] (GT - LC = 3.9 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
5	1	1	PI/2 BPSK	22.02	22.51	22.42	26.54	0.4508		
5	1	23		22.25	22.14	22.43				
5	12	6		22.30	22.58	22.47				
5	1	0		21.83	22.05	21.99				
5	1	24		21.74	22.10	21.97				
5	25	0		21.88	22.12	22.00				
5	1	1	QPSK	22.01	22.45	22.38				
5	1	23		22.00	22.50	22.30				
5	12	6		22.10	22.64	22.49				
5	1	0		21.18	21.55	21.51				
5	1	24		21.15	21.63	21.44				
5	25	0		21.23	21.66	21.53				
5	1	1	16-QAM	21.42	21.82	21.72	25.72	0.3733		
5	1	1	64-QAM	19.94	20.25	20.22				
5	1	1	256-QAM	17.62	17.95	17.88				
Limit	EIRP < 1W			Result			Pass			

NR n66 Maximum Average Power [dBm] (GT - LC = 3.9 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK	22.26	22.42	22.38	26.50	0.4467		
10	1	50		22.19	22.60	22.42				
10	25	12		22.20	22.48	22.35				
10	1	0		21.76	22.03	22.11				
10	1	51		21.83	22.28	22.20				
10	50	0		21.69	22.05	21.97				
10	1	1	QPSK	22.11	22.27	22.45				
10	1	50		22.22	22.45	22.47				
10	25	12		22.26	22.53	22.55				
10	1	0		21.34	21.46	21.61				
10	1	51		21.37	21.71	21.66				
10	50	0		21.26	21.56	21.58				
10	1	1	16-QAM	21.55	21.60	21.80	25.70	0.3715		
10	1	1	64-QAM	20.01	20.13	20.23				
10	1	1	256-QAM	17.75	17.88	17.91				
Limit	EIRP < 1W			Result			Pass			



NR n66 Maximum Average Power [dBm] (GT - LC = 3.9 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
15	1	1	PI/2 BPSK	22.46	22.58	22.62	26.75	0.4732		
15	1	77		22.35	22.85	22.60				
15	36	18		22.40	22.73	22.62				
15	1	0		22.01	22.17	22.14				
15	1	78		21.96	22.43	22.23				
15	75	0		21.92	22.34	22.11				
15	1	1	QPSK	22.33	22.57	22.46				
15	1	77		22.30	22.82	22.48				
15	36	18		22.41	22.74	22.64				
15	1	0		21.47	21.66	21.63				
15	1	78		21.45	21.92	21.70				
15	75	0		21.42	21.84	21.65				
15	1	1	16-QAM	21.70	21.85	21.86	25.76	0.3767		
15	1	1	64-QAM	20.10	20.35	20.35				
15	1	1	256-QAM	17.02	18.01	18.01				
Limit	EIRP < 1W			Result			Pass			

NR n66 Maximum Average Power [dBm] (GT - LC = 3.9 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
20	1	1	PI/2 BPSK	22.35	22.41	22.60	26.60	0.4571		
20	1	104		22.36	22.70	22.54				
20	50	25		22.32	22.65	22.63				
20	1	0		21.86	22.00	22.17				
20	1	105		21.93	22.29	22.12				
20	100	0		21.85	22.21	22.11				
20	1	1	QPSK	22.19	22.35	22.50				
20	1	104		22.29	22.61	22.43				
20	50	25		22.37	22.68	22.63				
20	1	0		21.37	21.44	21.56				
20	1	105		21.40	21.73	21.57				
20	100	0		21.41	21.77	21.67				
20	1	1	16-QAM	21.58	21.69	21.78	25.68	0.3698		
20	1	1	64-QAM	20.07	20.19	20.28				
20	1	1	256-QAM	17.74	17.93	18.03				
Limit	EIRP < 1W			Result			Pass			



NR n66 Maximum Average Power [dBm] (GT - LC = 3.9 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
40	1	1	PI/2 BPSK	22.01	21.97	22.17	26.61	0.4581		
40	1	214		22.32	22.26	22.20				
40	108	54		22.41	22.70	22.68				
40	1	0		21.54	21.52	21.75				
40	1	215		21.82	21.84	21.76				
40	216	0		21.80	22.14	22.12				
40	1	1	QPSK	22.01	21.86	22.11				
40	1	214		22.29	22.21	22.12				
40	108	54		22.43	22.71	22.70				
40	1	0		20.94	20.93	21.16				
40	1	215		21.35	21.29	21.20				
40	216	0		21.25	21.60	21.68				
40	1	1	16-QAM	21.12	21.10	21.40	25.30	0.3388		
40	1	1	64-QAM	19.62	19.63	19.92				
40	1	1	256-QAM	17.40	17.41	17.55				
Limit	EIRP < 1W			Result			Pass			



<SCS (30kHz)>

<Ant. 4>

NR n2 Maximum Average Power [dBm] (GT - LC = 3.7 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK	20.28	22.19	22.30	26.23	0.4198		
10	1	22		20.34	22.27	22.28				
10	12	6		20.03	21.05	21.53				
10	1	0		20.06	22.48	22.37				
10	1	23		20.05	21.74	22.25				
10	24	0		20.16	22.53	22.39				
10	1	1	QPSK	20.21	22.25	22.25				
10	1	22		20.26	20.15	22.15				
10	12	6		20.34	20.20	21.42				
10	1	0		19.74	20.13	22.25				
10	1	23		19.73	20.08	22.01				
10	24	0		19.72	19.84	21.23				
10	1	1	16-QAM	20.12	19.75	21.87	25.57	0.3606		
10	1	1	64-QAM	19.20	18.76	21.56				
10	1	1	256-QAM	17.94	18.04	17.44				
Limit	EIRP < 2W			Result			Pass			



NR n2 Maximum Average Power [dBm] (GT - LC = 3.7 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
15	1	1	PI/2 BPSK	20.27	20.37	20.28	24.17	0.2612		
15	1	36		20.29	20.36	20.35				
15	18	9		20.17	20.47	19.72				
15	1	0		20.01	20.19	20.02				
15	1	37		19.98	20.21	20.12				
15	36	0		19.96	20.34	19.98				
15	1	1	QPSK	20.35	20.09	20.32				
15	1	36		20.31	20.10	20.29				
15	18	9		20.25	20.35	20.46				
15	1	0		20.17	20.26	19.98				
15	1	37		20.15	19.97	20.02				
15	36	0		19.96	20.01	19.63				
15	1	1	16-QAM	19.75	19.01	20.05	23.75	0.2371		
15	1	1	64-QAM	19.65	18.97	18.97				
15	1	1	256-QAM	19.66	17.52	16.92				
Limit	EIRP < 2W			Result			Pass			

NR n2 Maximum Average Power [dBm] (GT - LC = 3.7 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
20	1	1	PI/2 BPSK	22.36	22.31	22.17	26.22	0.4188		
20	1	49		22.42	22.52	22.23				
20	25	12		22.31	22.47	22.00				
20	1	0		21.52	22.23	22.00				
20	1	50		21.72	21.83	20.01				
20	50	0		21.85	21.93	21.94				
20	1	1	QPSK	21.06	22.35	22.35				
20	1	49		21.95	22.36	22.34				
20	25	12		22.05	22.23	22.36				
20	1	0		21.54	21.94	21.95				
20	1	50		12.36	21.82	21.85				
20	50	0		21.52	21.53	21.99				
20	1	1	16-QAM	20.53	19.96	20.23	24.23	0.2649		
20	1	1	64-QAM	20.20	20.17	19.95				
20	1	1	256-QAM	19.30	18.15	18.25				
Limit	EIRP < 2W			Result			Pass			



<Ant. 4>

NR n66 Maximum Average Power [dBm] (GT - LC = 3.9 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK	22.43	22.61	22.63	26.81	0.4797		
10	1	22		22.37	22.73	22.60				
10	12	6		22.55	22.84	22.81				
10	1	0		21.96	22.13	22.20				
10	1	23		21.90	22.30	22.12				
10	24	0		22.08	22.47	22.25				
10	1	1	QPSK	22.52	22.80	22.78				
10	1	22		22.49	22.91	22.85				
10	12	6		22.57	22.87	22.81				
10	1	0		21.60	21.80	21.74				
10	1	23		21.52	21.88	21.80				
10	24	0		21.71	21.94	21.86				
10	1	1	16-QAM	21.54	21.93	21.83	25.83	0.3828		
10	1	1	64-QAM	20.23	20.37	20.26				
10	1	1	256-QAM	18.04	18.31	18.27				
Limit	EIRP < 1W			Result			Pass			



NR n66 Maximum Average Power [dBm] (GT - LC = 3.9 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
15	1	1	PI/2 BPSK	22.44	22.58	22.58	26.80	0.4786		
15	1	36		22.33	22.80	22.57				
15	18	9		22.52	22.85	22.80				
15	1	0		21.94	22.14	22.14				
15	1	37		21.88	22.31	22.08				
15	36	0		22.06	22.41	22.24				
15	1	1	QPSK	22.55	22.74	22.70				
15	1	36		22.40	22.86	22.76				
15	18	9		22.55	22.90	22.77				
15	1	0		21.58	21.74	21.72				
15	1	37		21.45	21.92	21.66				
15	36	0		21.58	21.92	21.82				
15	1	1	16-QAM	21.56	21.73	21.82	25.72	0.3733		
15	1	1	64-QAM	20.25	20.43	20.30				
15	1	1	256-QAM	18.05	18.23	18.29				
Limit	EIRP < 1W			Result			Pass			

NR n66 Maximum Average Power [dBm] (GT - LC = 3.9 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
20	1	1	PI/2 BPSK	22.34	22.50	22.61	26.73	0.4710		
20	1	49		22.27	22.67	22.50				
20	25	12		22.48	22.80	22.75				
20	1	0		21.86	22.05	22.13				
20	1	50		21.87	22.23	22.04				
20	50	0		22.00	22.42	22.27				
20	1	1	QPSK	22.46	22.59	22.74				
20	1	49		22.43	22.82	22.73				
20	25	12		22.50	22.81	22.83				
20	1	0		21.50	21.55	21.69				
20	1	50		21.42	21.83	21.62				
20	50	0		21.58	21.90	21.85				
20	1	1	16-QAM	21.47	21.61	21.80	25.70	0.3715		
20	1	1	64-QAM	20.13	20.28	20.25				
20	1	1	256-QAM	17.93	18.11	18.26				
Limit	EIRP < 1W			Result			Pass			



NR n66 Maximum Average Power [dBm] (GT - LC = 3.9 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
40	1	1	PI/2 BPSK	22.04	22.15	22.32	26.75	0.4732		
40	1	104		22.38	22.39	22.27				
40	50	25		22.50	22.76	22.74				
40	1	0		21.61	21.56	21.72				
40	1	105		21.95	21.91	21.76				
40	100	0		21.94	22.30	22.27				
40	1	1	QPSK	22.21	22.15	22.42				
40	1	104		22.49	22.56	22.41				
40	50	25		22.47	22.85	22.85				
40	1	0		21.13	21.10	21.32				
40	1	105		21.50	21.42	21.34				
40	100	0		21.39	21.77	21.75				
40	1	1	16-QAM	21.13	21.22	21.53	25.43	0.3491		
40	1	1	64-QAM	19.83	19.66	19.93				
40	1	1	256-QAM	17.60	17.66	17.94				
Limit	EIRP < 1W			Result			Pass			



MIMO Mode <SCS (15kHz)>

NR n41 Maximum Average Power [dBm], DG = 7.29 dBi														
BW	RB	RB	Mod	Antenna 1			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
10	1	1	QPSK	21.58	21.88	21.80	20.85	20.95	21.79	24.24	24.45	24.81	32.10	1.6218
10	1	50		21.75	22.08	21.54	21.05	21.22	21.80	24.42	24.68	24.68		
10	26	13		21.47	21.93	21.51	20.84	21.14	21.70	24.18	24.56	24.62		
10	1	0		19.14	19.33	19.28	18.32	18.75	19.25	21.76	22.06	22.28		
10	1	51		19.26	19.60	19.00	18.67	18.91	19.36	21.99	22.28	22.19		
10	52	0		19.80	19.82	19.50	19.21	19.26	19.63	22.53	22.56	22.58		
10	1	1	16-QAM	20.99	21.43	21.28	20.49	20.43	21.53	23.76	23.97	24.42	31.71	1.4825
10	1	1	64-QAM	19.44	19.88	19.75	19.01	19.26	20.23	22.24	22.59	23.01		
10	1	1	256-QAM	16.70	17.04	16.78	16.23	16.17	17.32	19.48	19.64	20.07		
Limit	EIRP < 2W			Result									Pass	

NR n41 Maximum Average Power [dBm], DG = 7.29 dBi														
BW	RB	RB	Mod	Antenna 1			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
15	1	1	QPSK	21.99	21.98	22.21	20.92	21.15	22.20	24.50	24.60	25.22	32.51	1.7824
15	1	77		22.05	22.18	21.72	21.28	21.39	22.08	24.69	24.81	24.91		
15	39	19		21.83	22.00	21.80	21.40	21.23	22.14	24.63	24.64	24.98		
15	1	0		18.44	19.38	19.58	19.39	18.72	19.64	21.95	22.07	22.62		
15	1	78		19.43	19.50	18.93	18.87	19.13	19.63	22.17	22.33	22.30		
15	79	0		19.85	20.00	19.80	19.44	19.40	20.23	22.66	22.72	23.03		
15	1	1	16-QAM	21.40	21.45	21.55	20.55	20.87	21.69	24.01	24.18	24.63	31.92	1.556
15	1	1	64-QAM	19.96	19.91	20.24	19.22	19.44	20.37	22.62	22.69	23.32		
15	1	1	256-QAM	17.04	17.02	17.28	16.37	16.50	17.42	19.73	19.78	20.36		
Limit	EIRP < 2W			Result									Pass	

NR n41 Maximum Average Power [dBm], DG = 7.29 dBi														
BW	RB	RB	Mod	Antenna 1			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
20	1	1	QPSK	21.85	21.96	22.19	21.38	21.16	22.09	24.63	24.59	25.15	32.44	1.7539
20	1	104		21.96	22.00	21.62	21.44	21.37	22.02	24.72	24.71	24.83		
20	53	26		22.00	22.07	22.04	21.44	21.25	22.14	24.74	24.69	25.10		
20	1	0		16.33	19.36	19.58	18.58	18.89	19.40	20.61	22.14	22.50		
20	1	105		19.45	19.44	19.01	19.02	19.25	19.47	22.25	22.36	22.26		
20	106	0		19.96	19.89	20.02	19.52	19.60	20.14	22.76	22.76	23.09		
20	1	1	16-QAM	21.36	21.44	21.68	20.78	20.97	21.63	24.09	24.22	24.67	31.96	1.5704
20	1	1	64-QAM	19.86	19.76	20.06	19.44	19.43	20.32	22.67	22.61	23.20		
20	1	1	256-QAM	17.04	17.14	17.29	16.73	16.45	17.54	19.90	19.82	20.43		
Limit	EIRP < 2W			Result									Pass	



FCC RADIO TEST REPORT

Report No. : FG133040-02B

NR n41 Maximum Average Power [dBm], DG = 7.29 dBi														
BW	RB	RB	Mod	Antenna 1			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
40	1	1	QPSK	21.53	21.55	21.72	20.43	21.01	21.74	24.03	24.30	24.74	32.54	1.7947
40	1	214		21.49	21.44	21.10	19.44	21.58	22.07	23.60	24.52	24.62		
40	108	54		21.93	21.80	21.92	21.27	21.48	22.54	24.62	24.65	25.25		
40	1	0		19.00	19.10	19.03	18.07	18.24	18.88	21.57	21.70	21.97		
40	1	215		18.96	19.10	18.66	17.35	19.13	19.64	21.24	22.13	22.19		
40	216	0		19.69	19.67	19.28	19.36	19.60	20.36	22.54	22.65	22.86		
40	1	1	16-QAM	20.97	20.84	21.40	20.02	20.60	21.10	23.53	23.73	24.26	31.55	1.4289
40	1	1	64-QAM	19.44	19.38	19.68	18.50	19.11	19.91	22.01	22.26	22.81		
40	1	1	256-QAM	16.68	16.62	16.67	15.70	16.41	16.50	19.23	19.53	19.60		
Limit	EIRP < 2W			Result									Pass	

NR n41 Maximum Average Power [dBm], DG = 7.29 dBi														
BW	RB	RB	Mod	Antenna 1			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
50	1	1	QPSK	21.85	21.69	21.64	20.78	21.25	21.80	24.36	24.49	24.73	32.38	1.7298
50	1	268		21.74	22.02	21.15	20.02	22.14	22.17	23.97	25.09	24.70		
50	135	67		21.97	21.55	21.71	21.08	21.53	22.26	24.56	24.55	25.00		
50	1	0		19.40	18.93	19.17	18.51	18.35	19.37	21.99	21.66	22.28		
50	1	269		19.25	19.05	18.81	17.76	19.67	19.91	21.58	22.38	22.41		
50	270	0		19.91	19.53	19.53	19.05	19.64	20.47	22.51	22.60	23.04		
50	1	1	16-QAM	21.36	21.17	21.29	20.44	20.78	21.20	23.93	23.99	24.26	31.55	1.4289
50	1	1	64-QAM	19.85	19.47	19.72	19.16	19.42	20.04	22.53	22.46	22.89		
50	1	1	256-QAM	17.20	16.71	16.80	16.08	16.65	17.15	19.69	19.69	19.99		
Limit	EIRP < 2W			Result									Pass	



MIMO Mode <SCS (30kHz)>

NR n41 Maximum Average Power [dBm], DG = 7.29 dBi														
BW	RB	RB	Mod	Antenna 1			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
10	1	1	QPSK	21.55	21.81	21.60	21.33	22.22	22.75	24.45	25.03	25.22	32.98	1.9861
10	1	22		21.58	21.82	21.07	21.23	21.12	22.73	24.42	24.49	24.99		
10	12	6		21.60	21.85	21.34	22.54	22.30	23.70	25.11	25.09	25.69		
10	1	0		18.99	19.17	19.10	19.36	19.09	20.12	22.19	22.14	22.65		
10	1	23		19.06	19.23	18.51	19.53	19.40	20.30	22.31	22.33	22.51		
10	24	0		19.56	19.79	19.35	20.56	20.69	21.68	23.10	23.27	23.68		
10	1	1	16-QAM	20.96	21.25	20.77	21.26	21.13	23.61	24.12	24.20	25.43	32.72	1.8707
10	1	1	64-QAM	19.55	19.82	19.70	20.65	20.17	21.64	23.15	23.01	23.79		
10	1	1	256-QAM	16.60	16.73	16.54	17.95	17.68	18.43	20.34	20.24	20.60		
Limit	EIRP < 2W			Result									Pass	

NR n41 Maximum Average Power [dBm], DG = 7.29 dBi														
BW	RB	RB	Mod	Antenna 1			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
15	1	1	QPSK	21.67	21.75	22.02	22.31	21.89	22.45	25.01	24.83	25.25	32.98	1.9861
15	1	36		21.73	21.78	21.24	22.86	21.75	22.50	25.34	24.78	24.93		
15	19	9		21.74	21.88	21.60	22.80	23.00	23.55	25.31	25.49	25.69		
15	1	0		19.14	19.34	19.54	19.89	20.05	20.61	22.54	22.72	23.12		
15	1	37		19.23	19.18	18.66	20.40	20.23	20.56	22.86	22.75	22.72		
15	38	0		19.68	19.84	19.63	20.43	21.02	21.55	23.08	23.48	23.71		
15	1	1	16-QAM	21.15	21.01	21.21	22.14	22.46	23.44	24.68	24.81	25.48	32.77	1.8923
15	1	1	64-QAM	19.63	19.63	20.00	20.32	20.78	21.95	23.00	23.25	24.09		
15	1	1	256-QAM	16.70	16.80	17.08	17.15	17.63	18.62	19.94	20.25	20.93		
Limit	EIRP < 2W			Result									Pass	

NR n41 Maximum Average Power [dBm], DG = 7.29 dBi														
BW	RB	RB	Mod	Antenna 1			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
20	1	1	QPSK	21.60	21.61	21.89	21.74	21.92	23.21	24.68	24.78	25.61	32.99	1.9907
20	1	49		21.63	21.74	21.21	21.78	22.30	23.17	24.72	25.04	25.31		
20	25	12		21.65	21.72	21.71	23.45	23.10	23.49	25.65	25.47	25.70		
20	1	0		19.03	19.11	19.39	19.22	19.89	20.92	22.14	22.53	23.23		
20	1	50		19.14	19.24	18.60	19.53	19.91	20.66	22.35	22.60	22.76		
20	51	0		19.74	19.79	19.74	20.61	21.44	21.54	23.21	23.70	23.74		
20	1	1	16-QAM	20.81	21.13	21.34	22.30	22.01	22.36	24.63	24.60	24.89	32.18	1.6520
20	1	1	64-QAM	19.54	19.66	19.87	20.17	20.30	20.48	22.88	23.00	23.20		
20	1	1	256-QAM	16.69	16.95	17.16	17.25	17.62	18.43	19.99	20.31	20.85		
Limit	EIRP < 2W			Result									Pass	



NR n41 Maximum Average Power [dBm], DG = 7.29 dBi														
BW	RB	RB	Mod	Antenna 1			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
40	1	1	QPSK	21.26	21.25	21.16	21.75	21.80	22.26	24.52	24.54	24.76	32.92	1.9588
40	1	104		21.17	21.40	20.96	20.69	22.26	22.91	23.95	24.86	25.05		
40	53	26		21.62	21.78	21.35	23.30	22.99	23.60	25.55	25.44	25.63		
40	1	0		18.71	18.69	18.69	19.25	19.00	20.24	22.00	21.86	22.54		
40	1	105		18.65	18.91	18.41	18.48	19.92	20.85	21.58	22.45	22.81		
40	106	0		19.62	19.80	19.60	20.52	21.43	21.48	23.10	23.70	23.65		
40	1	1	16-QAM	20.77	20.74	20.56	21.45	21.55	21.78	24.13	24.17	24.22	31.51	1.4158
40	1	1	64-QAM	19.30	19.40	19.06	18.99	19.90	19.76	22.16	22.67	22.43		
40	1	1	256-QAM	16.62	16.54	16.24	16.82	16.96	17.33	19.73	19.77	19.83		
Limit	EIRP < 2W			Result									Pass	

NR n41 Maximum Average Power [dBm], DG = 7.29 dBi														
BW	RB	RB	Mod	Antenna 1			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
50	1	1	QPSK	21.40	21.22	21.55	21.72	21.90	23.35	24.57	24.58	25.55	32.96	1.9770
50	1	131		21.14	21.62	21.00	21.17	23.07	23.60	24.17	25.42	25.50		
50	67	33		21.43	21.71	21.31	23.01	23.11	23.69	25.30	25.48	25.67		
50	1	0		18.89	18.63	18.98	19.47	19.87	20.63	22.20	22.30	22.89		
50	1	132		18.60	19.06	18.90	18.94	20.86	21.66	21.78	23.06	23.51		
50	133	0		19.48	19.77	19.69	20.01	21.15	21.75	22.76	23.52	23.85		
50	1	1	16-QAM	20.89	20.70	20.95	21.61	21.19	22.84	24.28	23.96	25.01	32.30	1.6982
50	1	1	64-QAM	19.37	19.21	19.40	19.27	19.79	20.85	22.33	22.52	23.20		
50	1	1	256-QAM	16.59	16.56	16.78	17.32	18.58	18.53	19.98	20.70	20.75		
Limit	EIRP < 2W			Result									Pass	

NR n41 Maximum Average Power [dBm], DG = 7.29 dBi														
BW	RB	RB	Mod	Antenna 1			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
60	1	1	QPSK	21.37	20.93	21.45	21.99	22.08	23.55	24.70	24.55	25.64	32.96	1.9770
60	1	160		21.11	21.51	21.31	22.08	23.24	23.51	24.63	25.47	25.56		
60	81	40		21.44	21.63	21.30	22.72	23.12	23.69	25.14	25.45	25.67		
60	1	0		18.92	18.46	19.01	19.66	19.33	20.61	22.32	21.93	22.89		
60	1	161		18.66	19.08	18.85	19.68	20.68	21.28	22.21	22.96	23.24		
60	162	0		19.34	19.66	19.52	19.89	21.54	21.59	22.63	23.71	23.69		
60	1	1	16-QAM	20.86	20.40	20.88	21.25	20.70	22.57	24.07	23.56	24.82	32.11	1.6255
60	1	1	64-QAM	19.31	18.81	19.36	20.12	19.38	20.55	22.74	22.11	23.01		
60	1	1	256-QAM	16.69	16.19	16.63	18.19	17.26	18.42	20.51	19.77	20.63		
Limit	EIRP < 2W			Result									Pass	



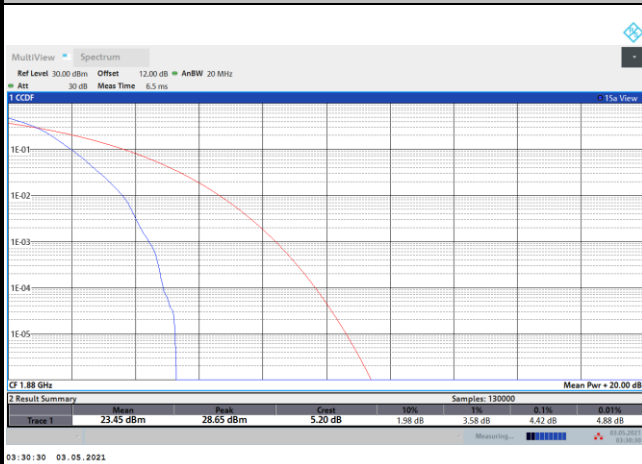
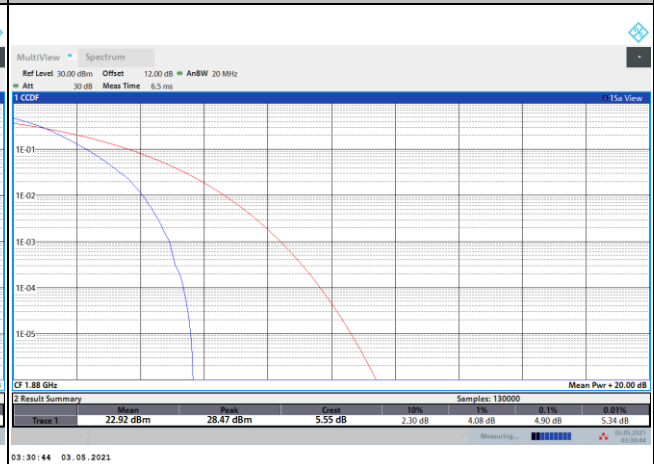
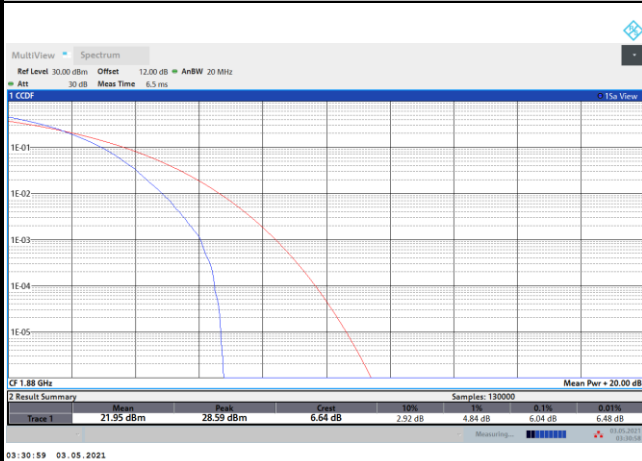
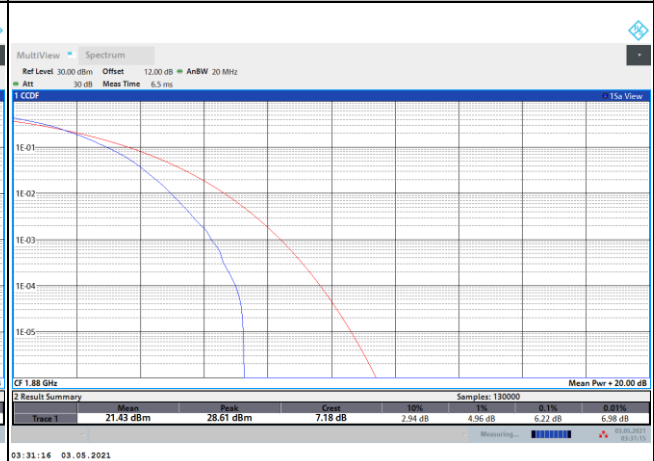
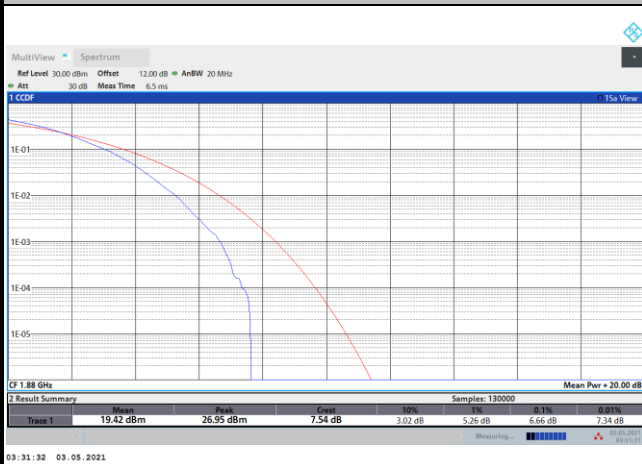
NR n41 Maximum Average Power [dBm], DG = 7.29 dBi														
BW	RB	RB	Mod	Antenna 1			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
80	1	1	QPSK	21.33	21.50	21.33	21.11	21.32	23.12	24.23	24.42	25.33	32.90	1.9498
80	1	215		21.18	21.37	21.54	21.88	22.79	23.02	24.55	25.15	25.35		
80	109	54		21.66	21.64	21.36	22.24	23.02	23.57	24.97	25.39	25.61		
80	1	0		18.87	18.95	18.81	19.38	19.07	20.98	22.14	22.02	23.04		
80	1	216		18.74	18.94	19.15	19.67	19.96	20.43	22.24	22.49	22.85		
80	217	0		19.54	19.60	19.26	20.36	21.23	22.07	22.98	23.50	23.90		
80	1	1	16-QAM	20.71	21.00	20.70	20.40	20.80	21.74	23.57	23.91	24.26	31.55	1.4289
80	1	1	64-QAM	19.35	19.42	19.17	19.00	18.71	22.04	22.19	22.09	23.85		
80	1	1	256-QAM	16.54	16.70	16.31	17.03	17.04	17.55	19.80	19.88	19.98		
Limit	EIRP < 2W			Result									Pass	

NR n41 Maximum Average Power [dBm], DG = 7.29 dBi														
BW	RB	RB	Mod	Antenna 1			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
90	1	1	QPSK	21.26	21.32	21.47	21.09	19.83	21.31	24.19	23.65	24.40	32.98	1.9861
90	1	243		21.34	21.37	21.73	21.13	22.52	22.66	24.25	24.99	25.23		
90	123	61		21.45	21.60	21.35	22.22	23.36	23.70	24.86	25.58	25.69		
90	1	0		18.81	18.79	19.01	18.78	18.46	19.57	21.81	21.64	22.31		
90	1	244		18.89	18.82	19.29	18.87	19.81	20.25	21.89	22.35	22.81		
90	245	0		19.30	19.63	19.43	19.80	20.94	21.13	22.57	23.34	23.37		
90	1	1	16-QAM	20.64	20.83	20.88	21.38	20.72	21.78	24.04	23.79	24.36	31.65	1.4622
90	1	1	64-QAM	18.93	19.34	19.30	19.21	18.00	21.05	22.08	21.73	23.27		
90	1	1	256-QAM	16.45	16.45	16.45	15.77	15.34	17.41	19.13	18.94	19.97		
Limit	EIRP < 2W			Result									Pass	

NR n41 Maximum Average Power [dBm], DG = 7.29 dBi														
BW	RB	RB	Mod	Antenna 1			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
100	1	1	QPSK	21.26	20.90	21.19	20.79	20.04	21.47	24.04	23.50	24.34	32.96	1.9770
100	1	271		21.40	20.82	21.31	21.70	21.60	22.40	24.56	24.24	24.90		
100	137	68		21.68	21.57	21.32	22.96	23.10	23.68	25.38	25.41	25.67		
100	1	0		18.72	18.51	18.77	18.87	18.12	18.78	21.81	21.33	21.79		
100	1	272		18.93	18.37	18.91	19.52	19.33	19.91	22.25	21.89	22.45		
100	273	0		19.39	19.58	19.15	20.18	21.55	21.71	22.81	23.69	23.63		
100	1	1	16-QAM	20.66	20.39	20.68	21.02	20.31	22.04	23.85	23.36	24.42	31.71	1.4825
100	1	1	64-QAM	19.08	18.82	19.12	18.95	18.25	21.07	22.03	21.55	23.21		
100	1	1	256-QAM	16.13	16.01	16.26	16.26	15.35	17.65	19.21	18.70	20.02		
Limit	EIRP < 2W			Result									Pass	

**FR1 n2****Peak-to-Average Ratio**

Mode	FR1 n2 / 20MHz / DFT-S OFDM				
Mod.	PI/2 BPSK	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.42	4.90	6.04	6.22	PASS
Mode	FR1 n2 / 20MHz / DFT-S OFDM				
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
Middle CH	6.66				PASS

FR1 n2 / 20MHz / DFT-S OFDM / Middle Channel / Full RB
PI/2 BPSK

QPSK

16QAM

64QAM

256QAM


**26dB Bandwidth**

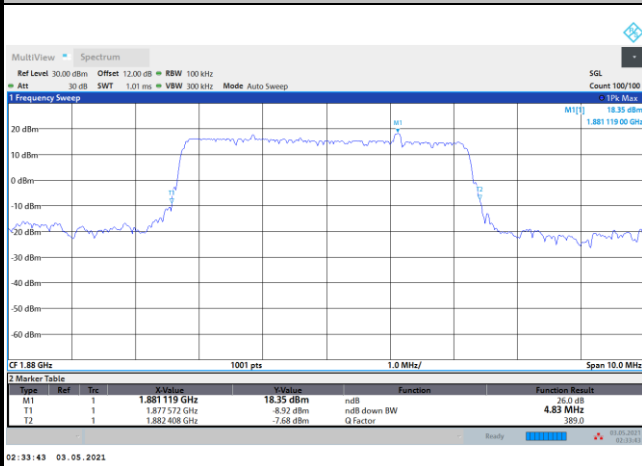
Mode	FR1 n2 : 26dB BW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	PI/2 BPSK		PI/2 BPSK		PI/2 BPSK		PI/2 BPSK	
Middle CH	4.83		9.43		14.24		18.90	

Mode	FR1 n2 : 26dB BW(MHz) / CP OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	5.03	4.87	9.83	9.73	15.02	14.87	19.86	19.90
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	4.93	4.87	9.81	9.73	14.89	14.93	19.78	19.86



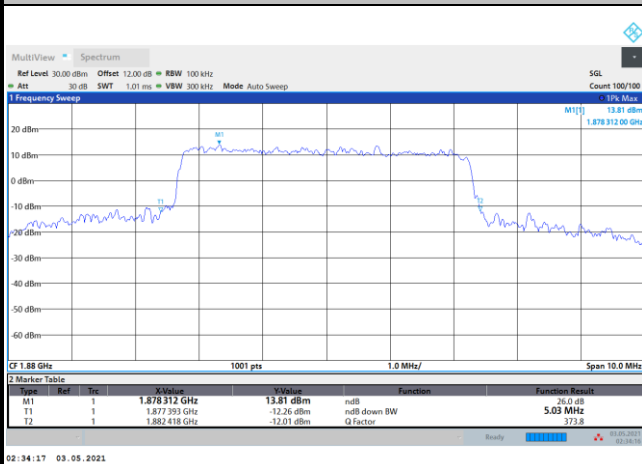
FR1 n2 / 5MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

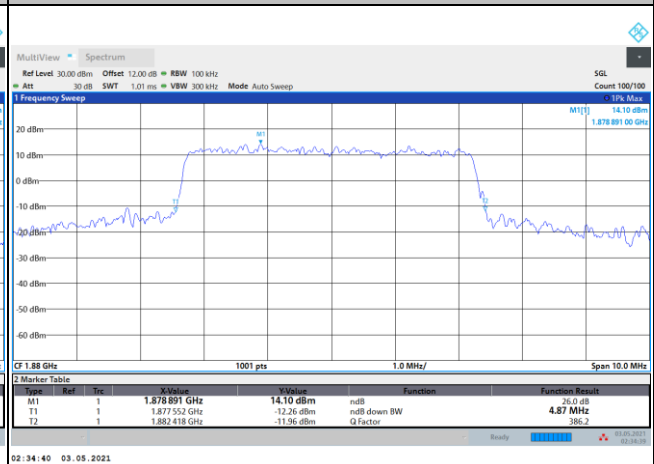


FR1 n2 / 5MHz / CP OFDM / Middle Channel / Full RB

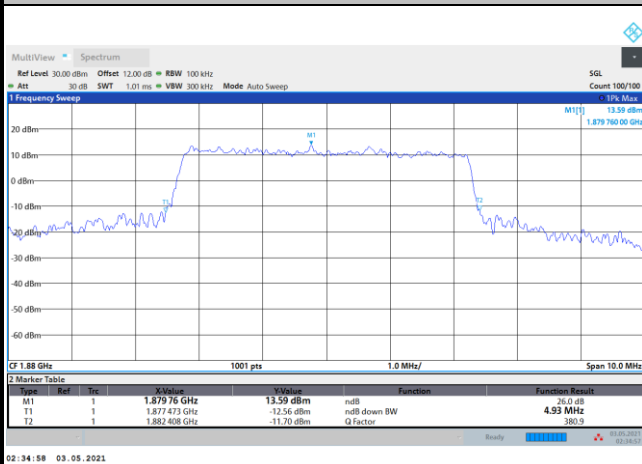
QPSK



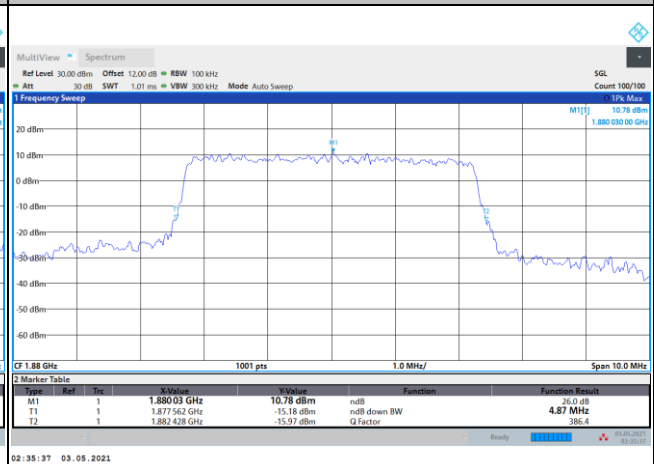
16QAM



64QAM



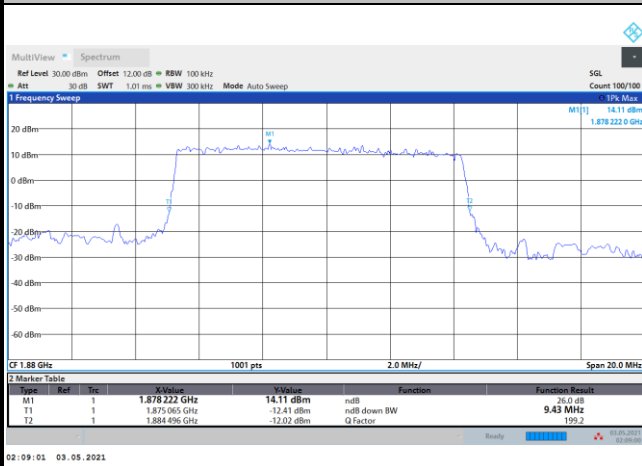
256QAM





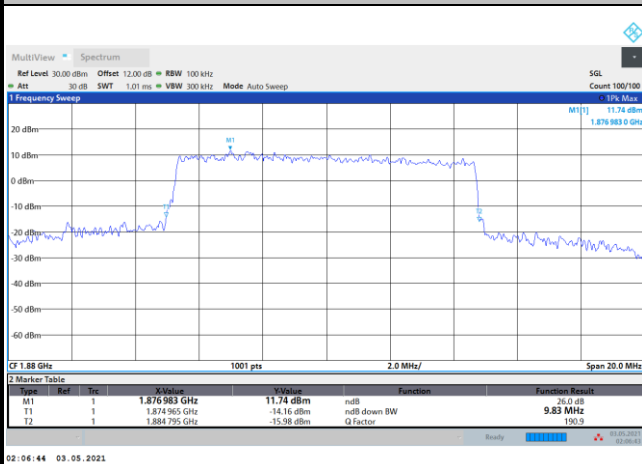
FR1 n2 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

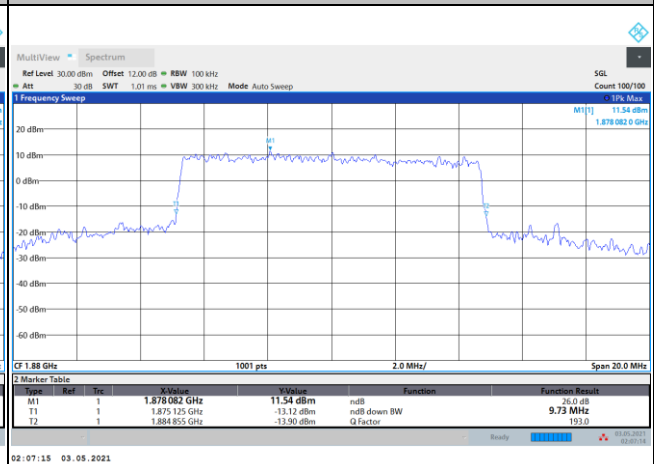


FR1 n2 / 10MHz / CP OFDM / Middle Channel / Full RB

QPSK



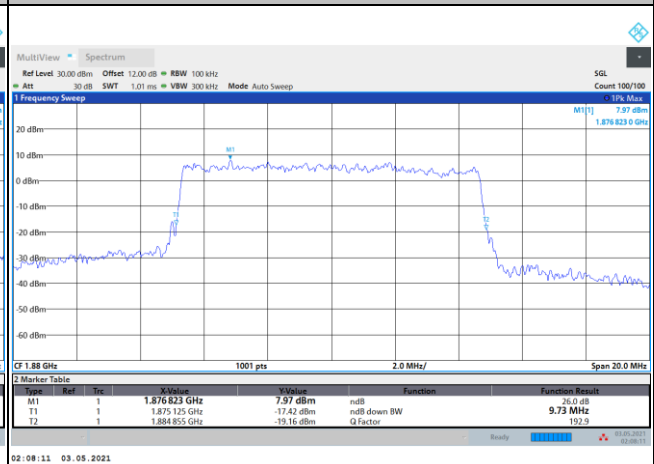
16QAM



64QAM



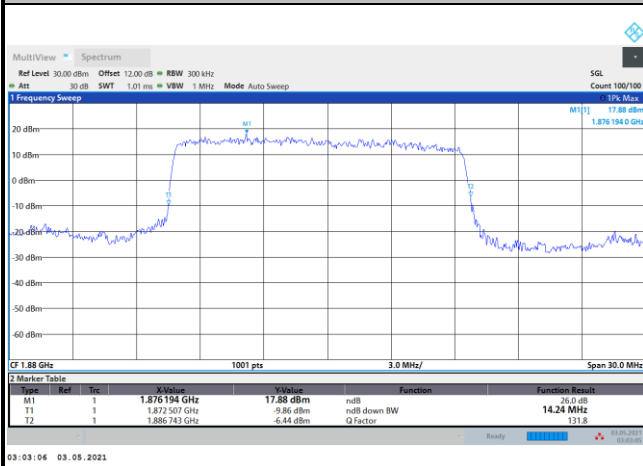
256QAM





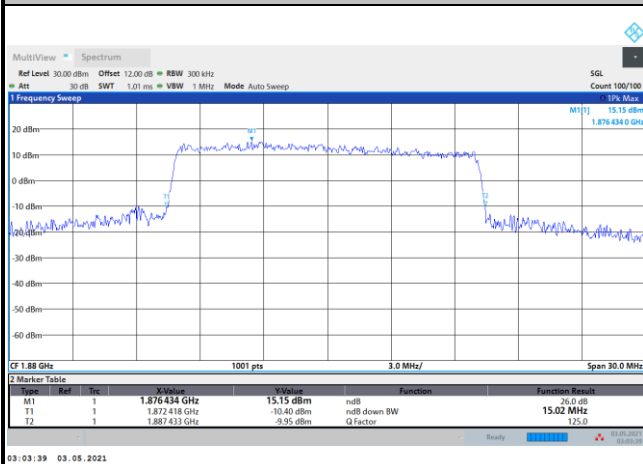
FR1 n2 / 15MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

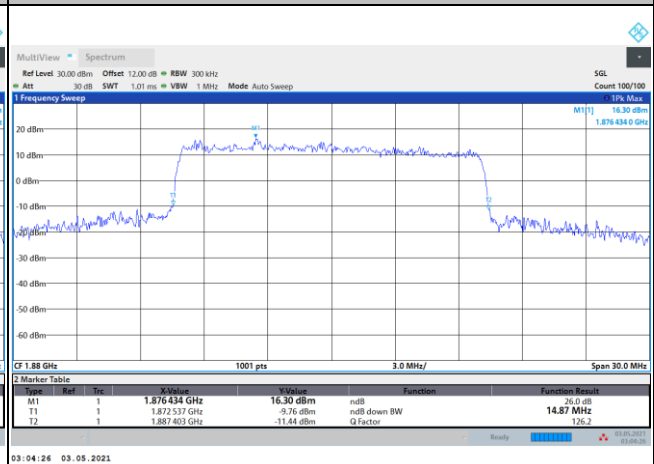


FR1 n2 / 15MHz / CP OFDM / Middle Channel / Full RB

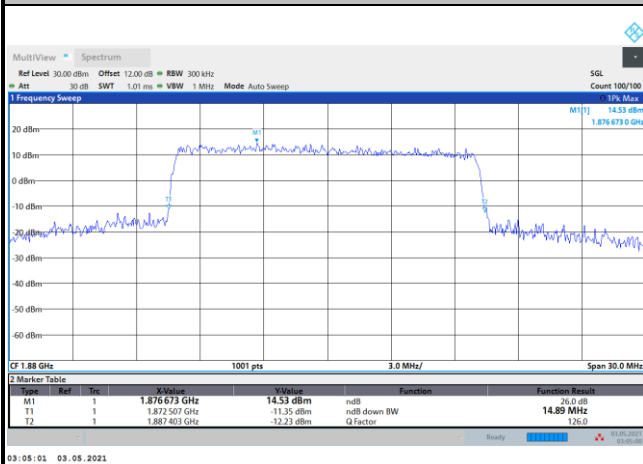
QPSK



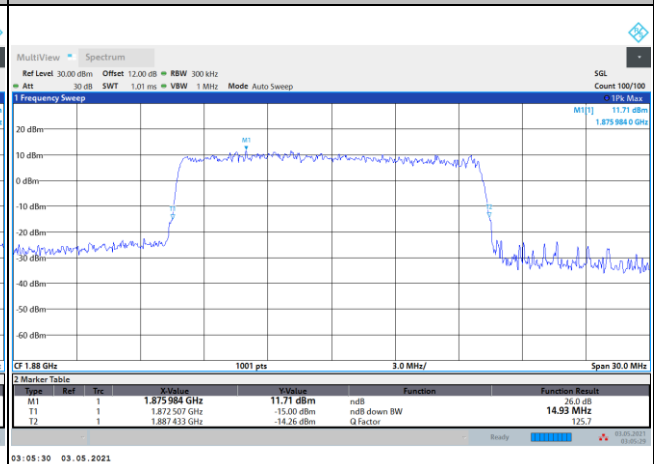
16QAM



64QAM



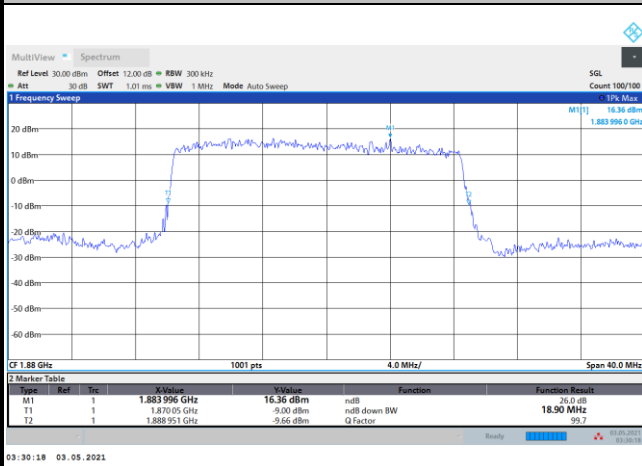
256QAM





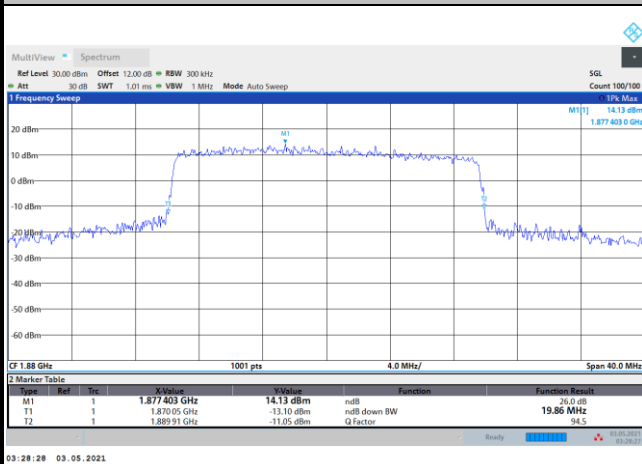
FR1 n2 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

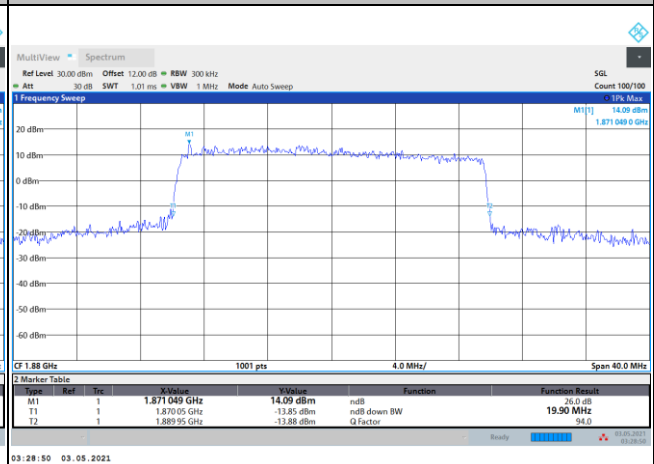


FR1 n2 / 20MHz / CP OFDM / Middle Channel / Full RB

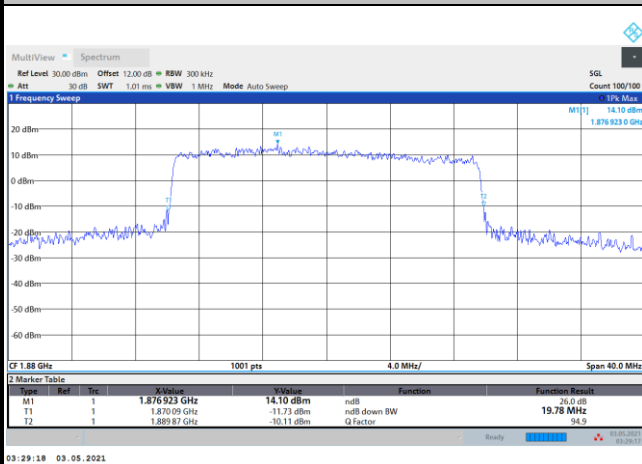
QPSK



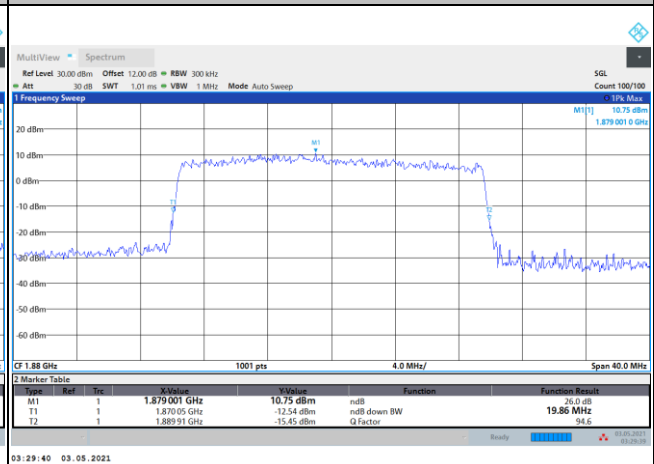
16QAM



64QAM



256QAM



**Occupied Bandwidth**

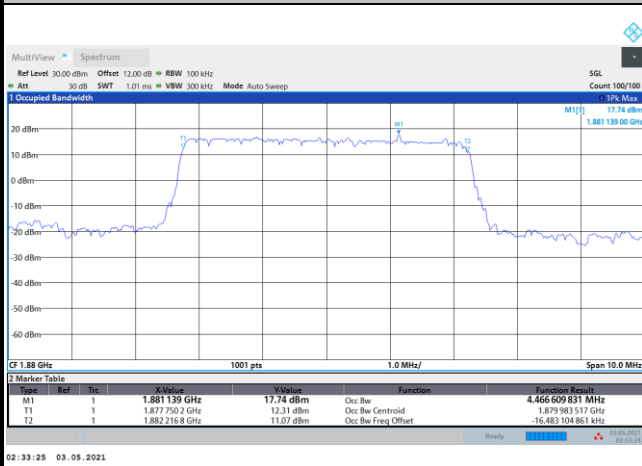
Mode	FR1 n2 : 99%OBW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	PI/2 BPSK		PI/2 BPSK		PI/2 BPSK		PI/2 BPSK	
Middle CH	4.47		8.91		13.41		17.85	

Mode	FR1 n2 : 99%OBW (MHz) / CP OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.51	4.48	9.29	9.30	14.10	14.11	18.87	18.87
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	4.51	4.50	9.27	9.27	14.09	14.04	18.93	18.87



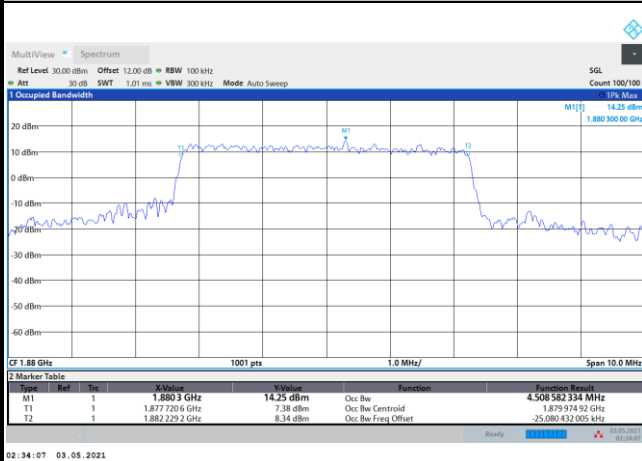
FR1 n2 / 5MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

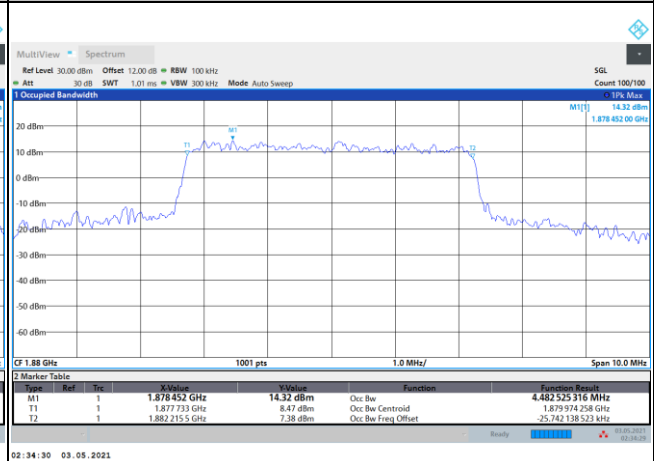


FR1 n2 / 5MHz / CP OFDM / Middle Channel / Full RB

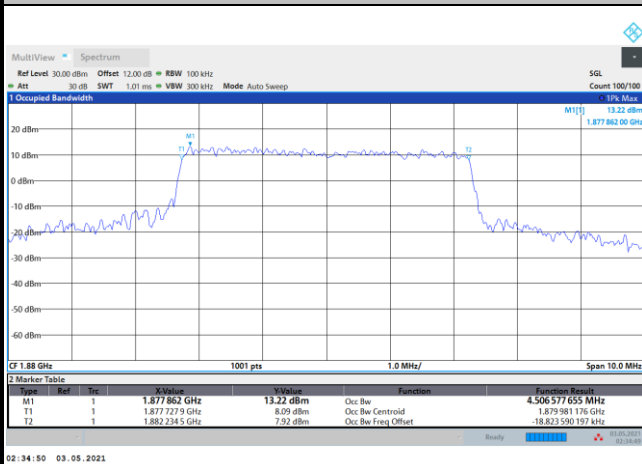
QPSK



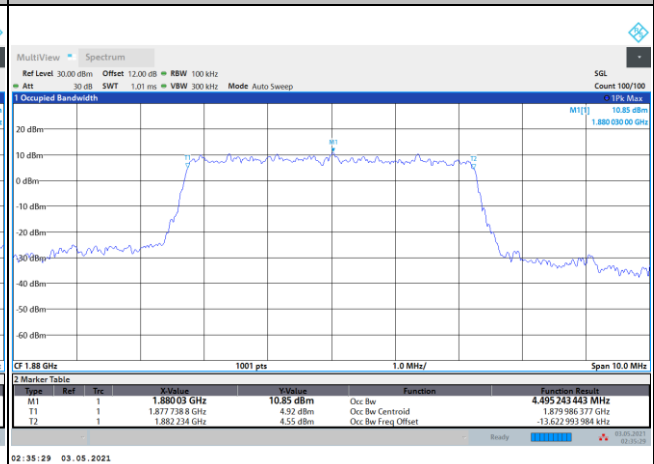
16QAM



64QAM



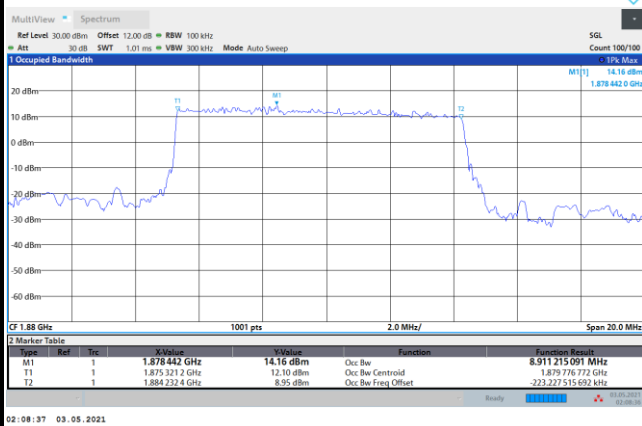
256QAM





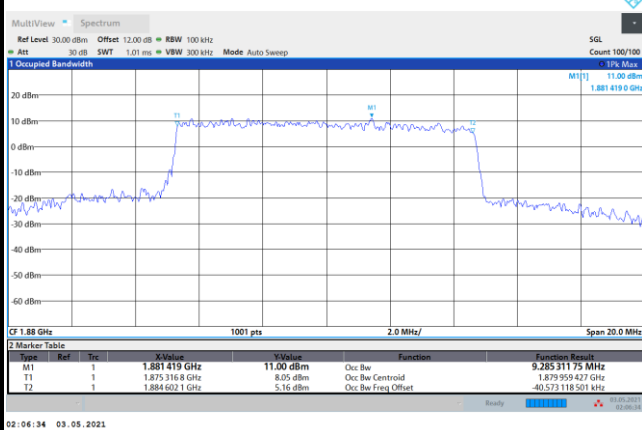
FR1 n2 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

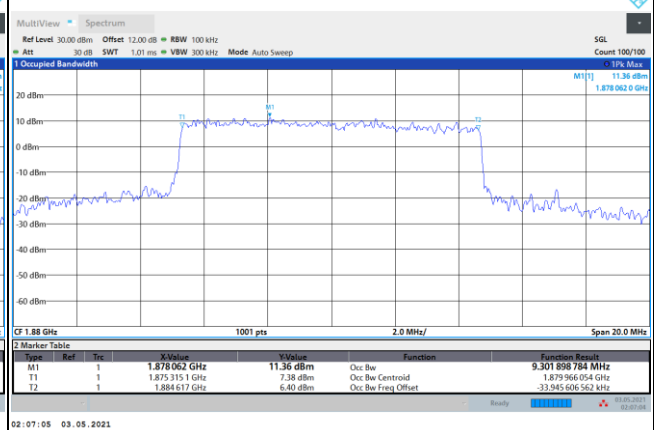


FR1 n2 / 10MHz / CP OFDM / Middle Channel / Full RB

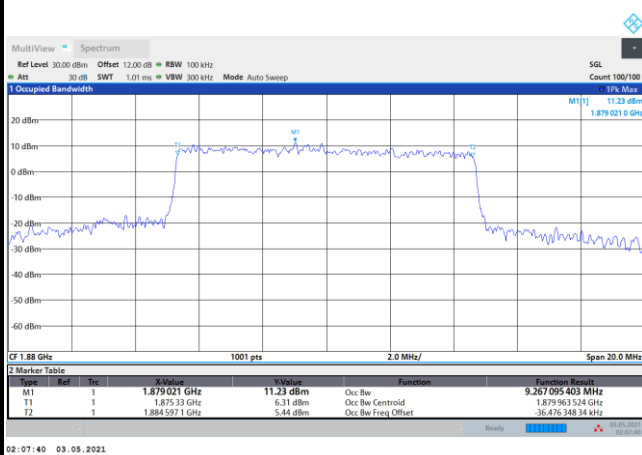
QPSK



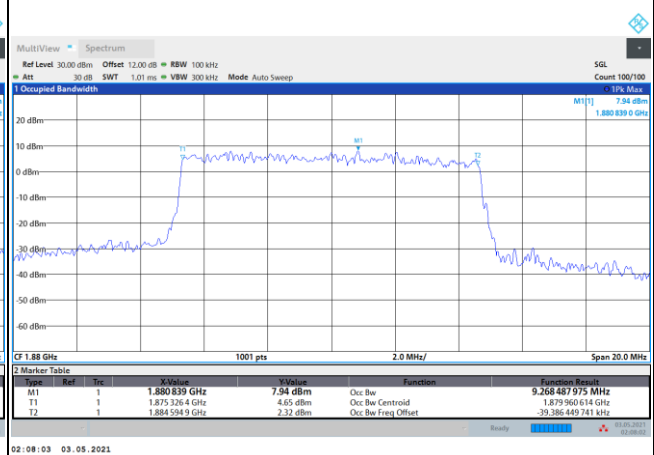
16QAM

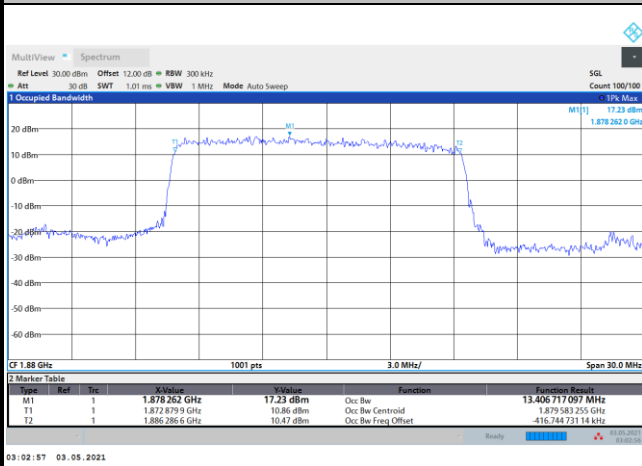
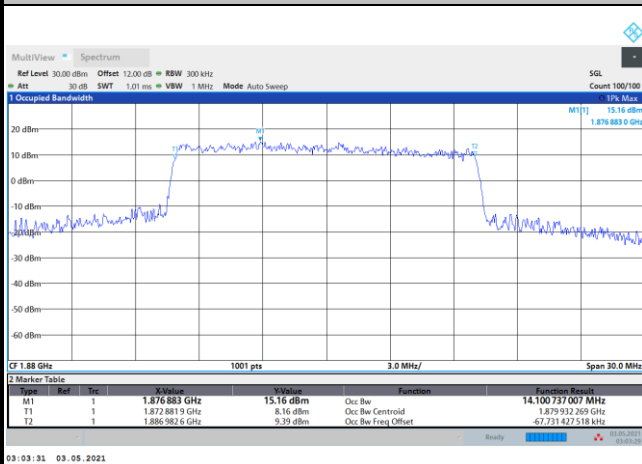
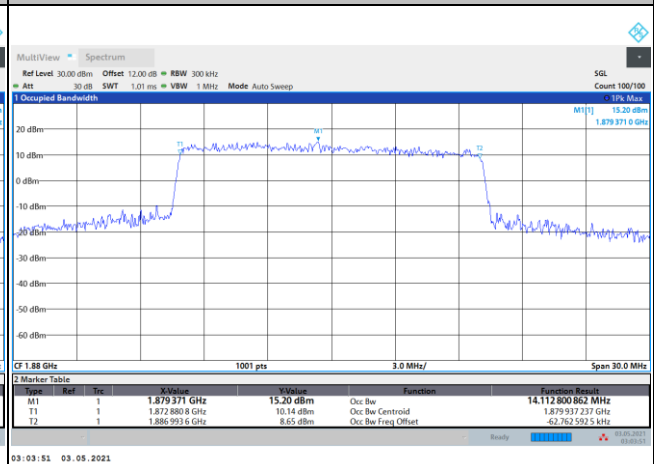
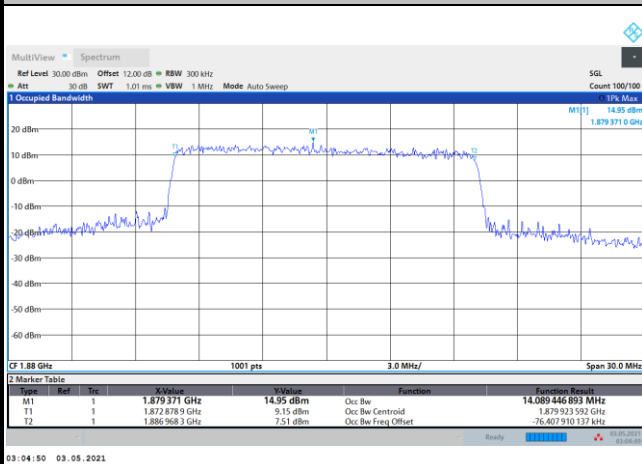
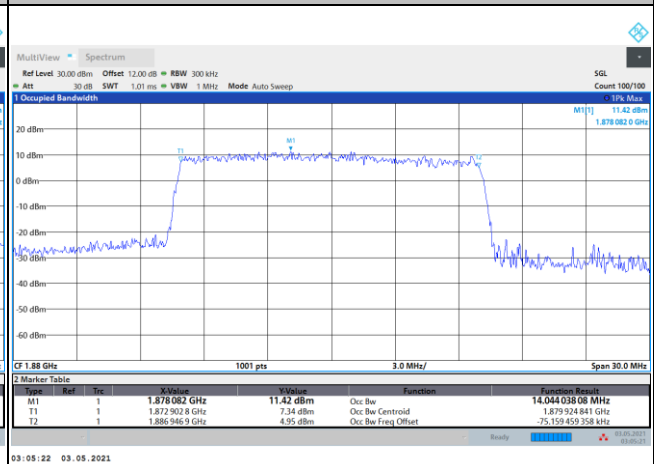


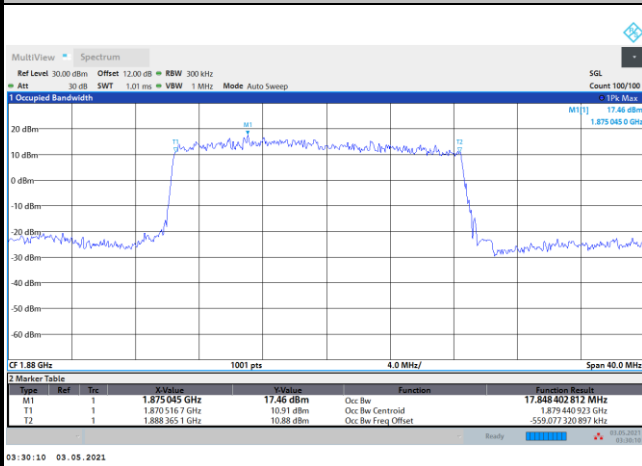
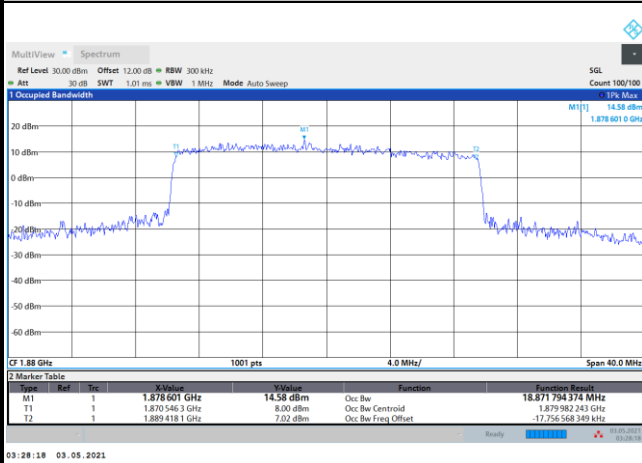
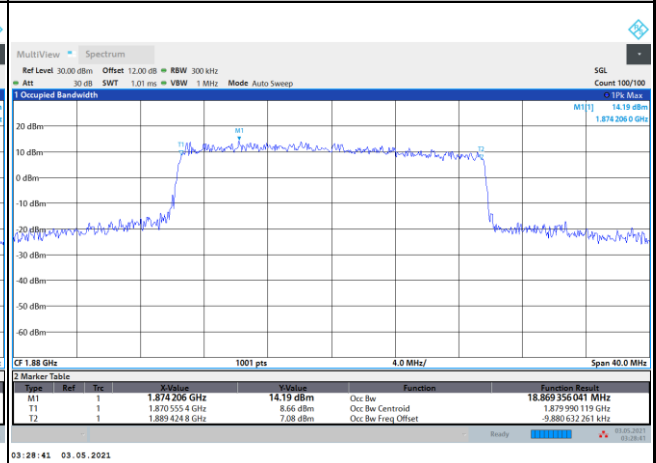
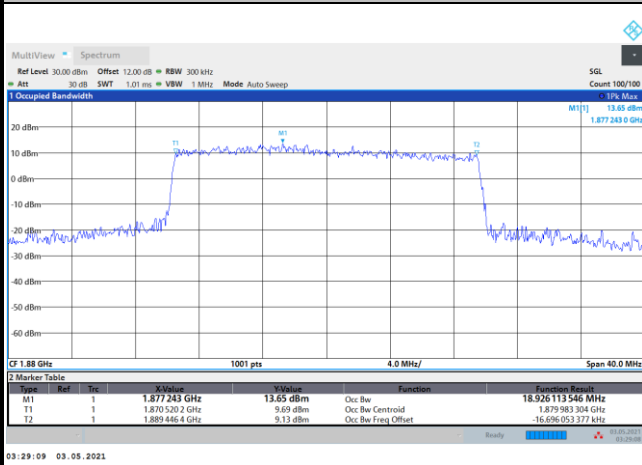
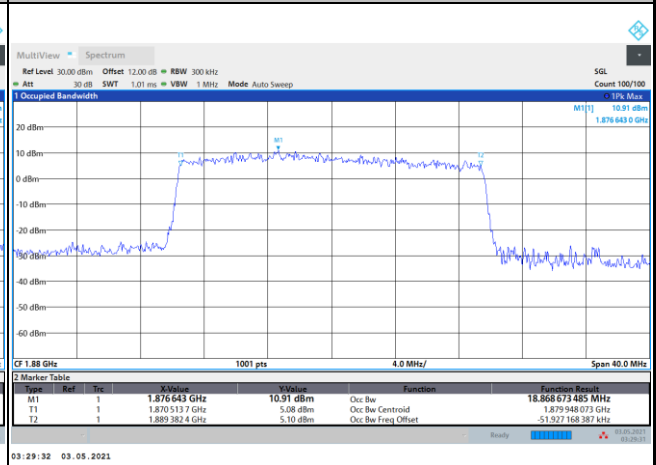
64QAM

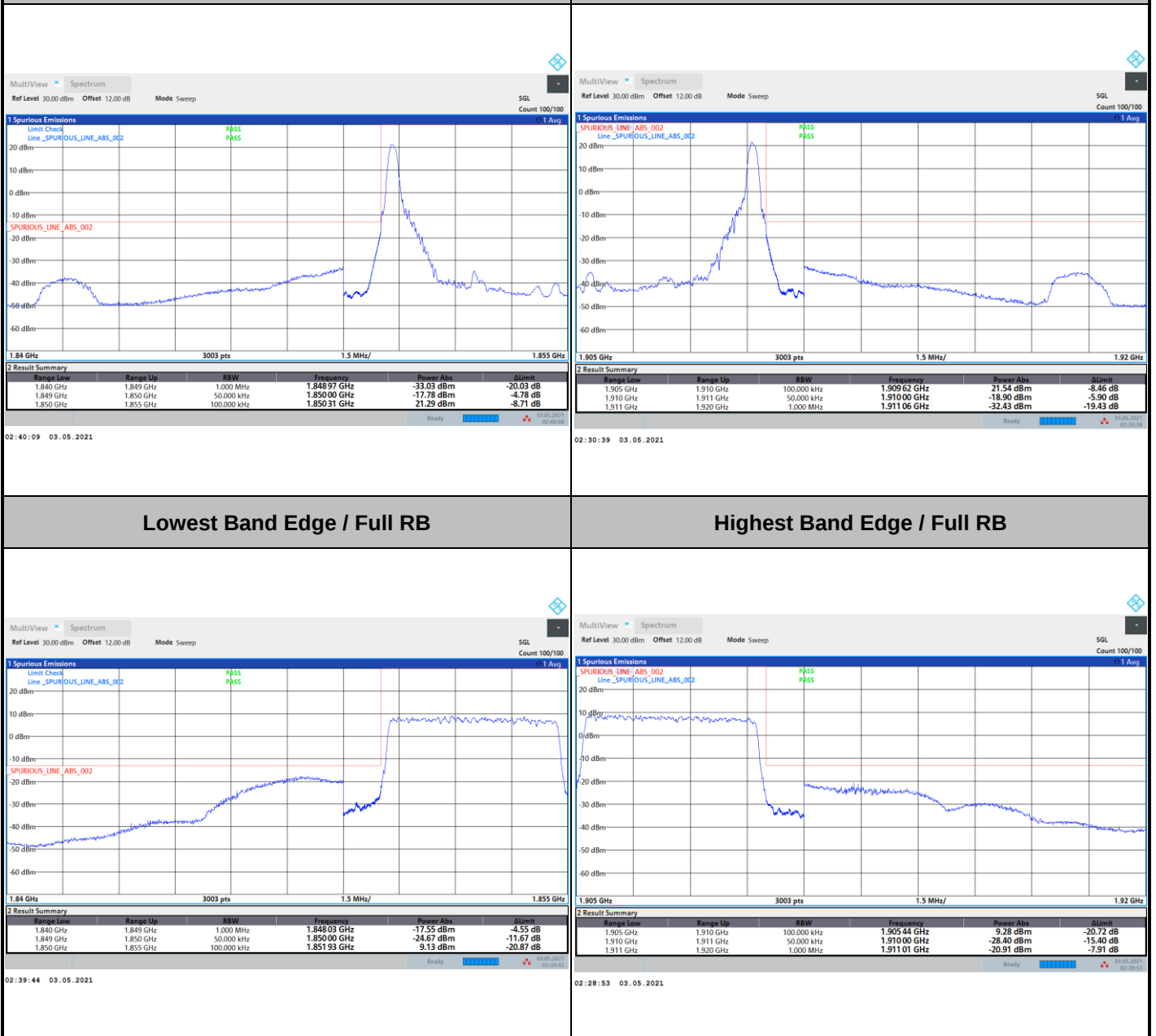


256QAM



FR1 n2 / 15MHz / DFT-S OFDM / Middle Channel / Full RB
PI/2 BPSK

FR1 n2 / 15MHz / CP OFDM / Middle Channel / Full RB
QPSK

16QAM

64QAM

256QAM


FR1 n2 / 20MHz / DFT-S OFDM / Middle Channel / Full RB
PI/2 BPSK

FR1 n2 / 20MHz / CP OFDM / Middle Channel / Full RB
QPSK

16QAM

64QAM

256QAM


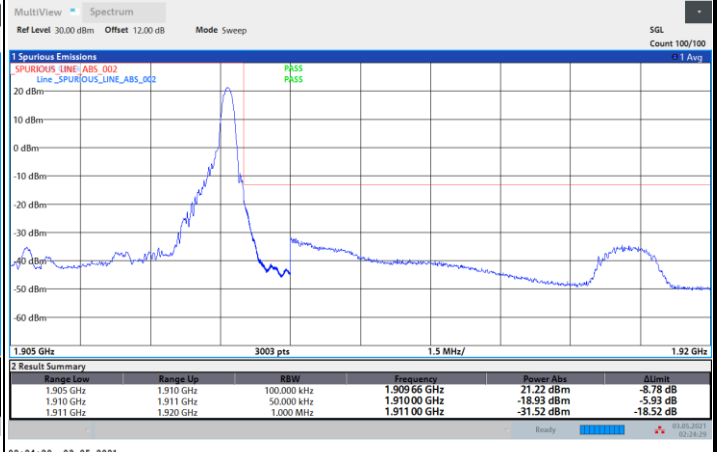
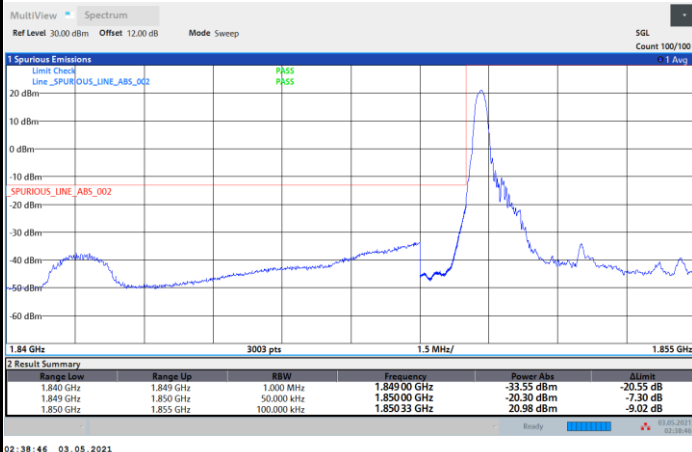
**Conducted Band Edge****FR1 n2 / 5MHz / DFT-S OFDM / PI/2 BPSK****Lowest Band Edge / 1RB0****Highest Band Edge / 1RBmax**



FR1 n2 / 5MHz / DFT-S OFDM / QPSK

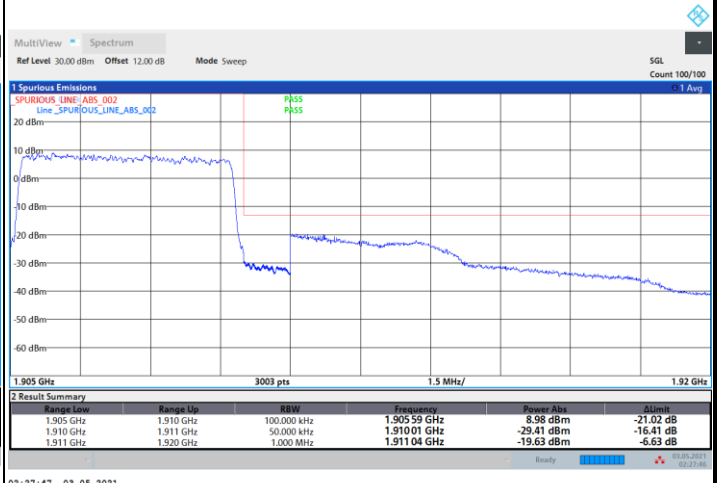
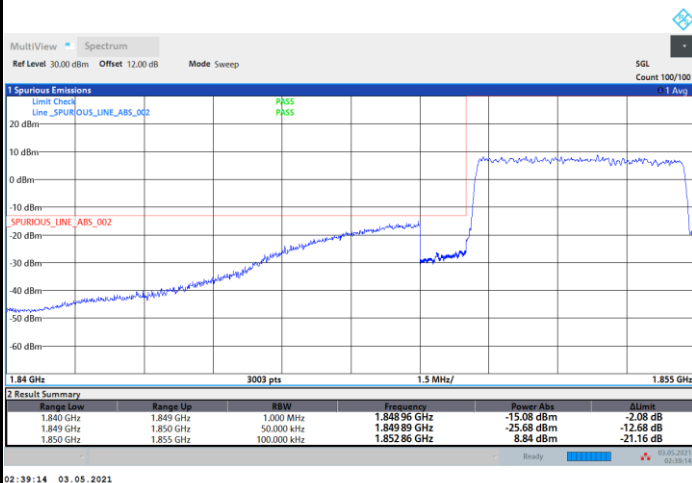
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

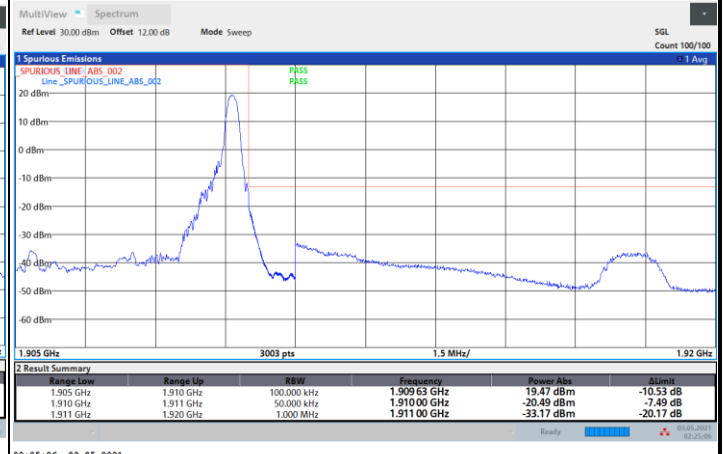




FR1 n2 / 5MHz / DFT-S OFDM / 16QAM

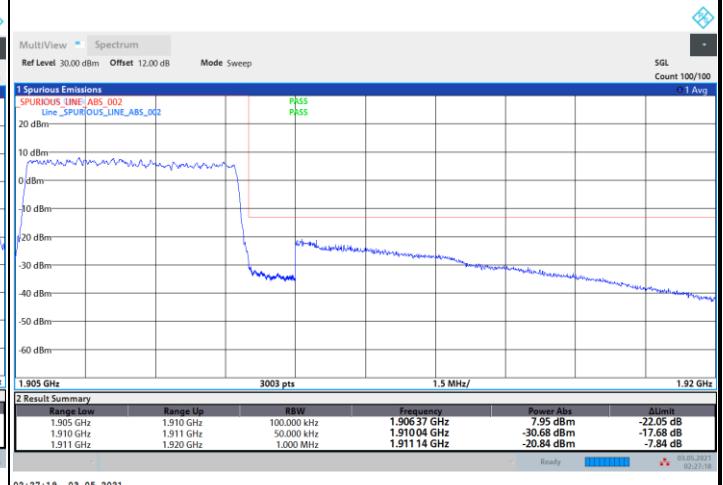
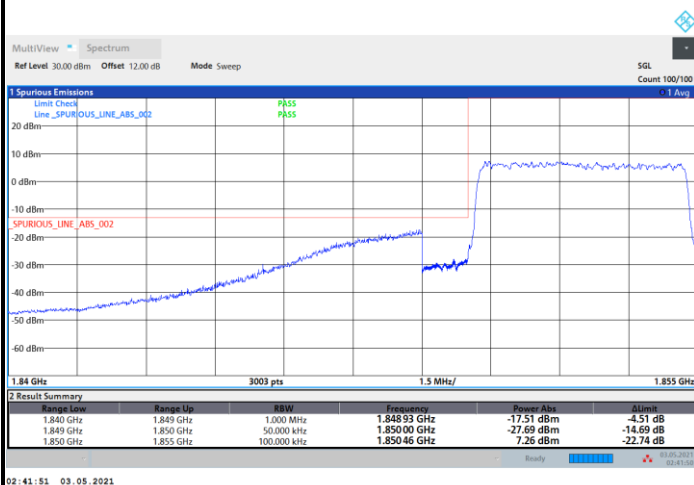
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

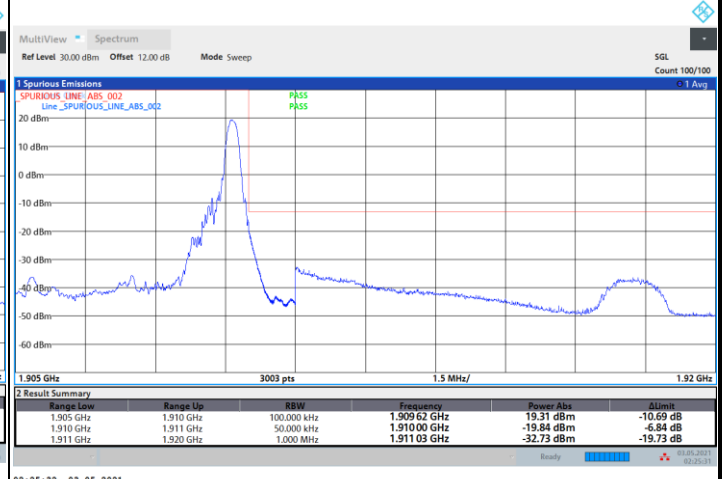
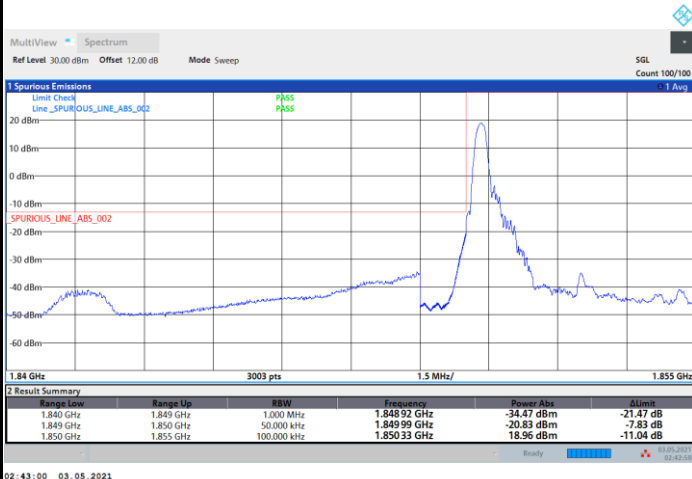




FR1 n2 / 5MHz / DFT-S OFDM / 64QAM

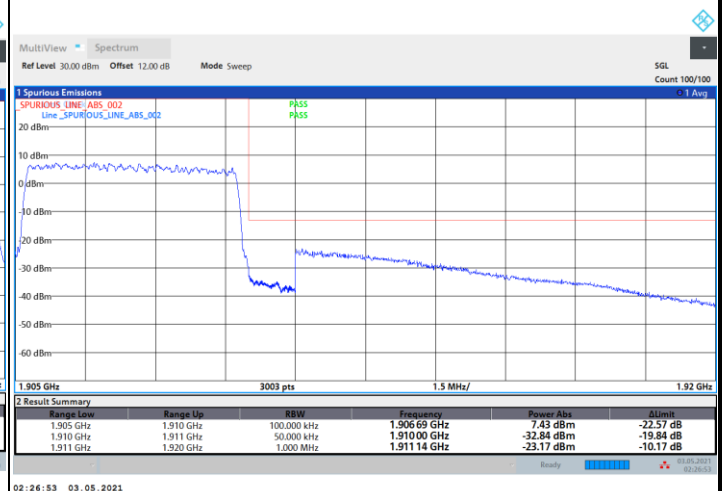
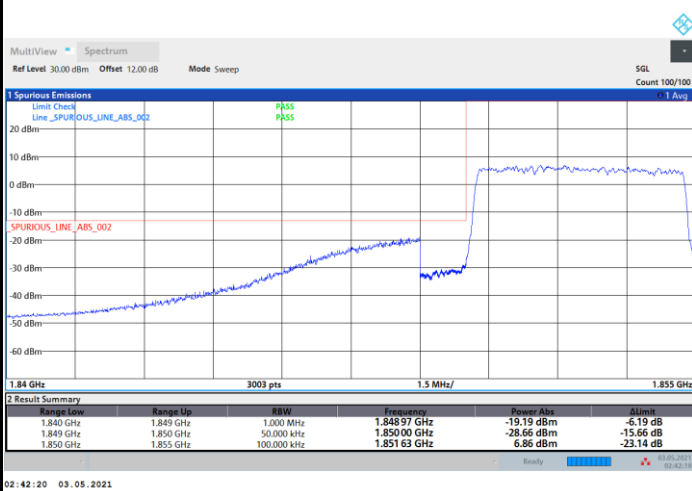
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

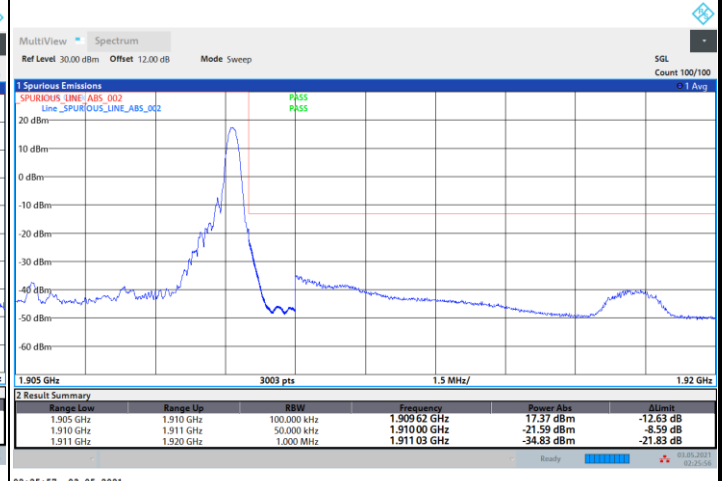
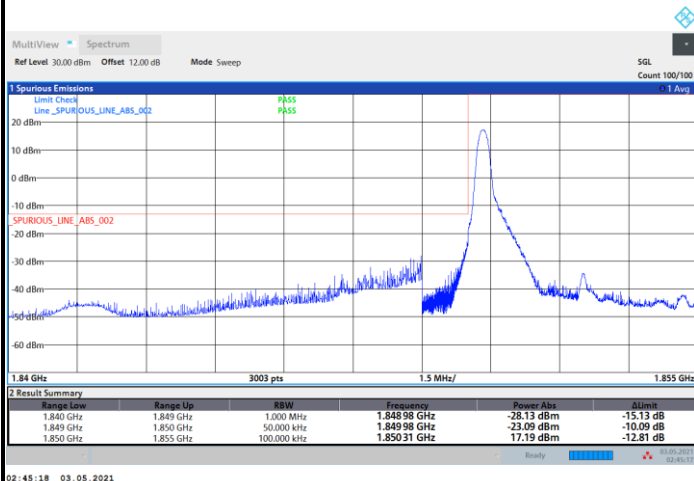




FR1 n2 / 5MHz / DFT-S OFDM / 256QAM

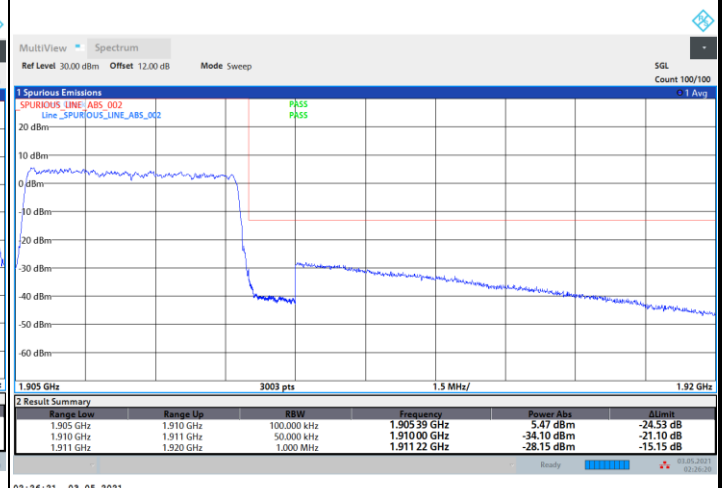
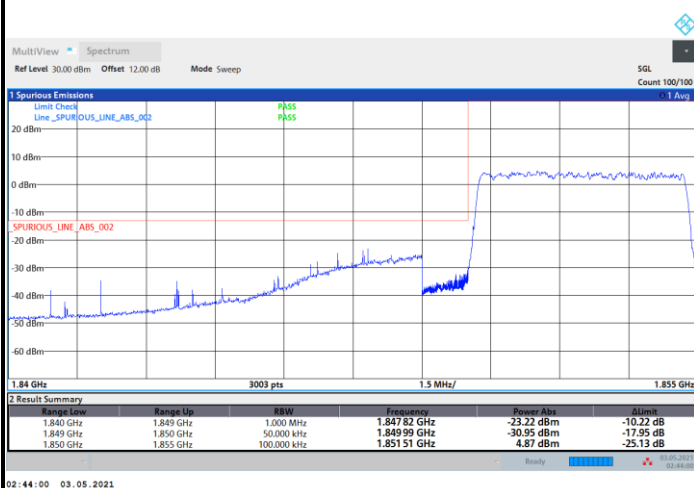
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

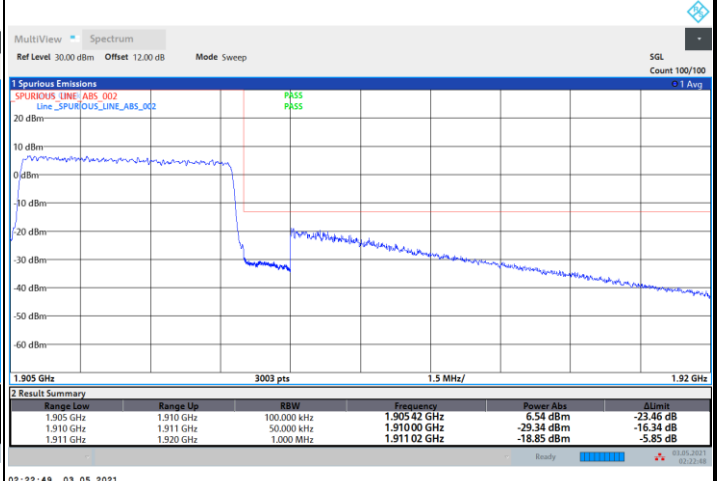
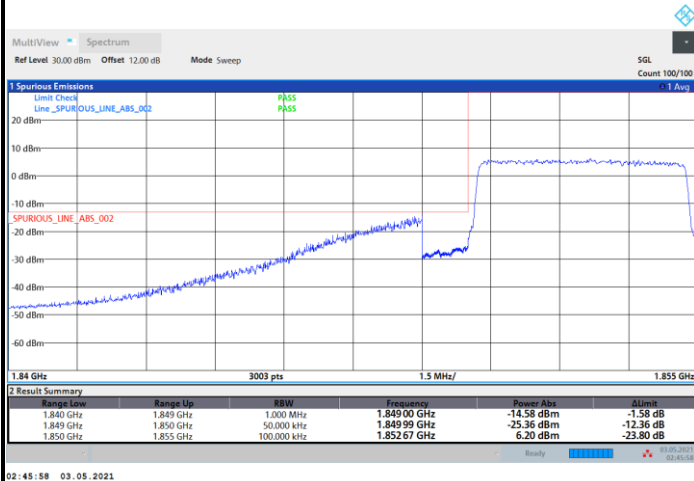




FR1 n2 / 5MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge

Highest Band Edge

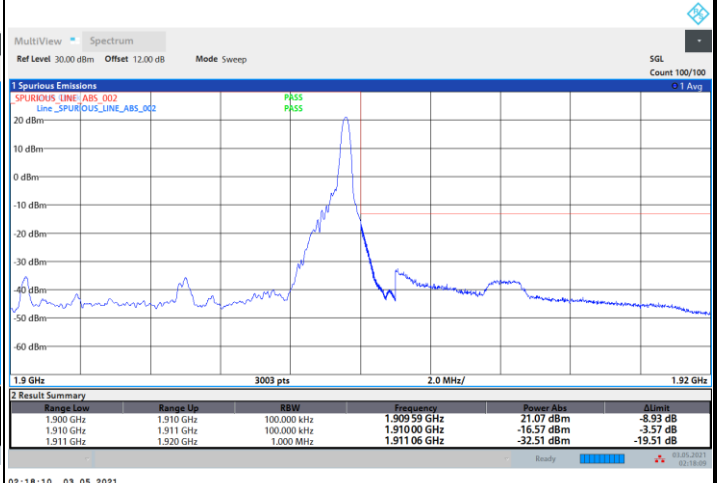
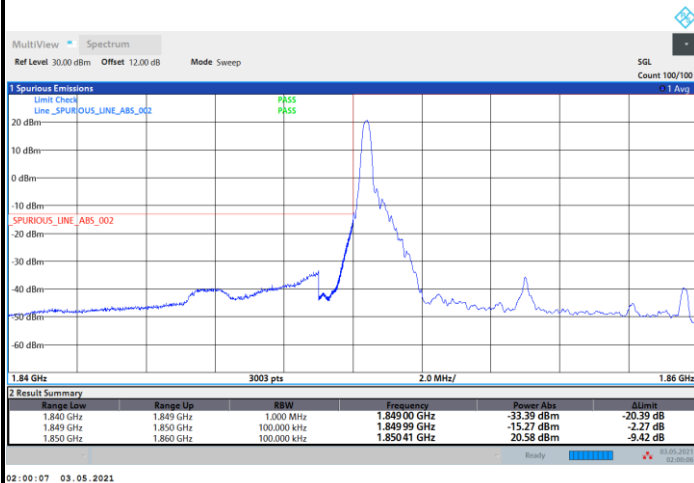




FR1 n2 / 10MHz / DFT-s-OFDM / PI/2 BPSK

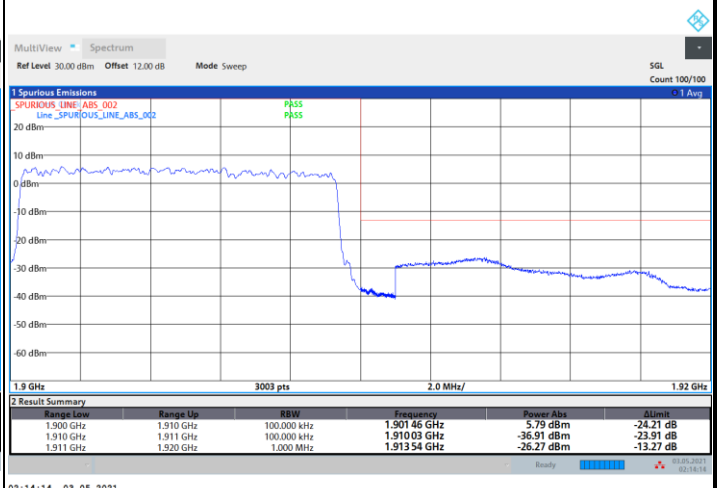
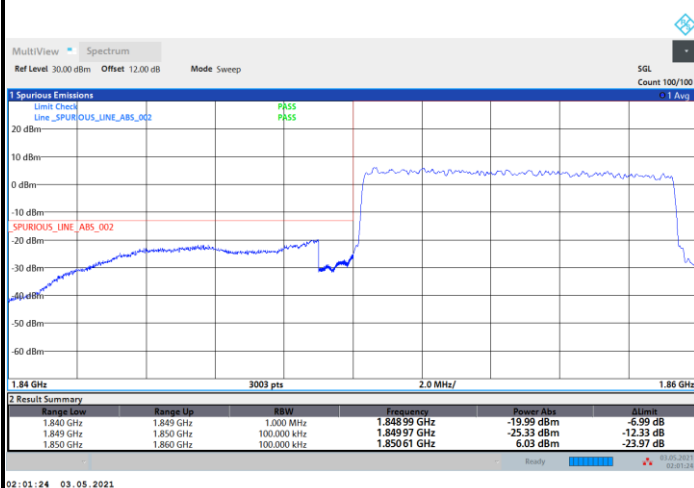
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

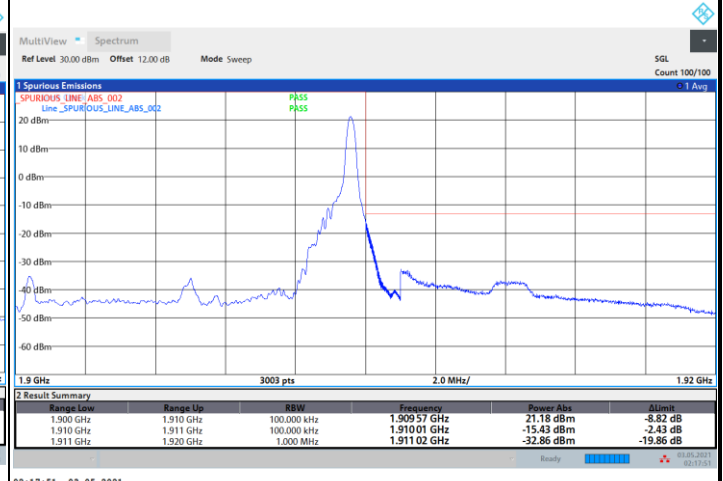
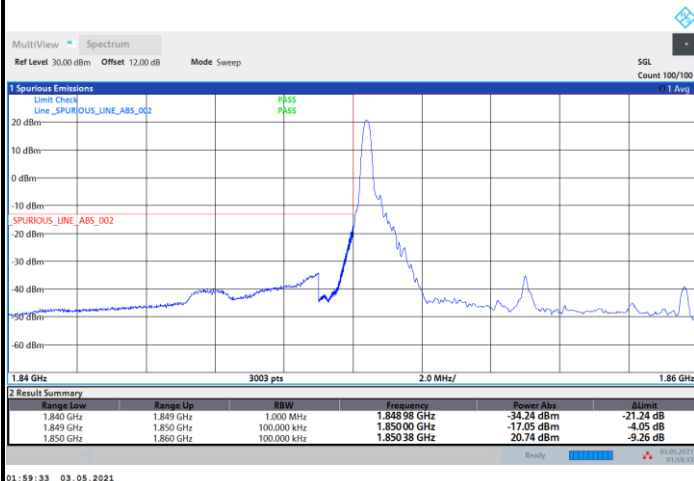




FR1 n2 / 10MHz / DFT-s-OFDM / QPSK

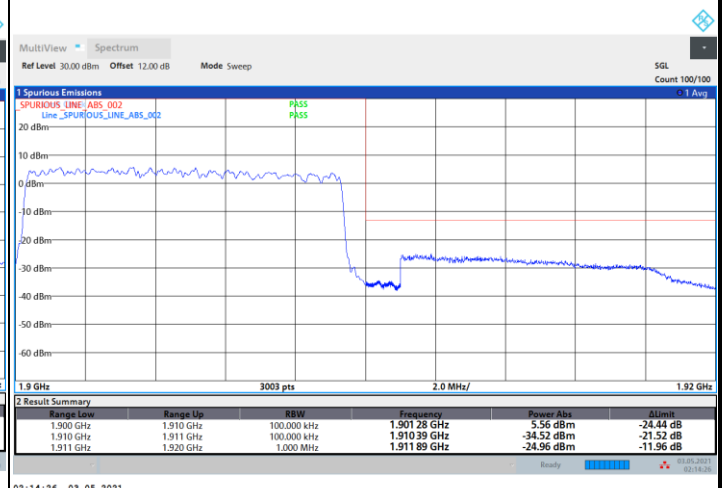
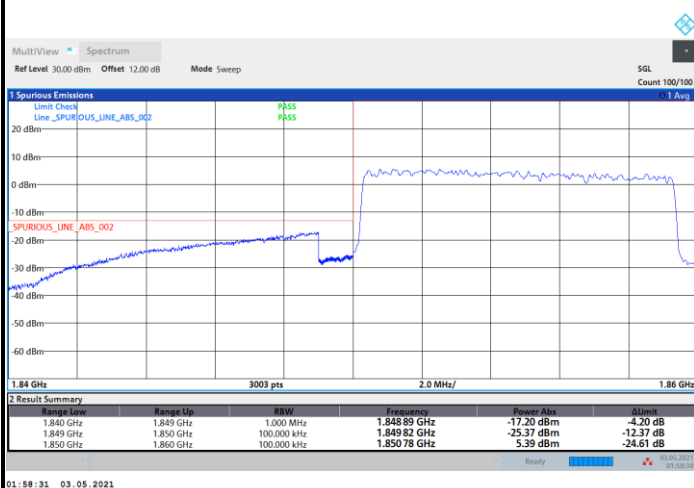
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

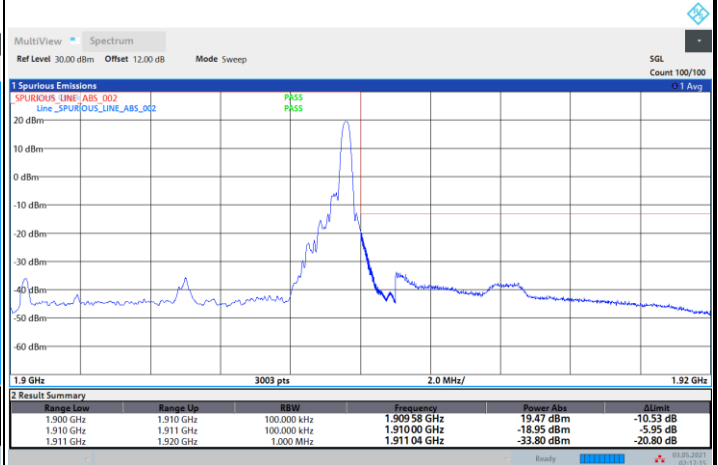
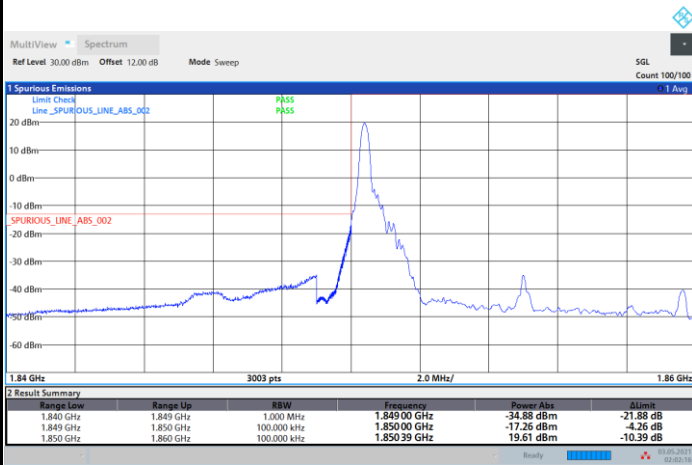




FR1 n2 / 10MHz / DFT-s-OFDM / 16QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

