



FCC RADIO TEST REPORT

FCC ID : A4RG7SWN
Equipment : Phone
Model Name : G7SWN
Applicant : Google LLC
1600 Amphitheatre Parkway,
Mountain View, CA, 94043 USA
Standard : FCC 47 CFR Part 2, 22(H), 24(E)

The product was received on Nov. 14, 2025 and testing was performed from Nov. 14, 2025 to May 27, 2026. We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures 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 from Sporton International Inc. Wensan Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Approved by: Louis Wu

Sporton International Inc. Wensan Laboratory

No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)



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Appendix A Conducted Test Result Page No. Information							
NR Band	Appendix	PAR	26dB BW	OBW	CBE	CSE	FS
n25	An25	An25-1	An25-7	An25-16	An25-25	An25-34	An25-35
n26	An26	An26-1	An26-5	An26-10	An26-15	An26-20	An26-21
MIMO	An25M0	An25M0-1	An25M0-7	An25M0-16	An25M0-25	An25M0-34	An25M0-35
n25	An25M1	An25M1-1	An25M1-7	An25M1-16	An25M1-25	An25M1-34	An25M1-35



History of this test report

Report No.	Version	Description	Issue Date
FG5N0815-01L	01	Initial issue of report	Apr. 22, 2026
FG5N0815-01L	02	Revised Test Result of the Conducted Output Power and ERP/EIRP Measurement. This report is an updated version, replacing the report issued on Apr. 22, 2026.	May 06, 2026
FG5N0815-01L	03	Add PAR Full Bandwidth test report This report is an updated version, replacing the report issued on May 06, 2026.	May 29, 2026



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.2	§2.1046	Conducted Output Power	Pass	-
	§22.913 (a)(5)	Effective Radiated Power (n5) (n26)	Pass	
	§24.232 (c)	Equivalent Isotropic Radiated Power (n2) (n25)		
3.3	§24.232 (d)	Peak-to-Average Ratio	Pass	-
3.4	§2.1049	Occupied Bandwidth	Pass	-
3.5	§2.1051 §22.917 (a) §24.238 (a)	Conducted Band Edge Measurement (n2) (n5) (n25) (n26)	Pass	-

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.6	§2.1051 §22.917 (a) §24.238 (a)	Conducted Spurious Emission (n2) (n5) (n25) (n26)	Pass	-
3.7	§2.1055 §22.355 §24.235	Frequency Stability Temperature & Voltage	Pass	-
4.2	§2.1053 §22.917 (a) §24.238 (a)	Radiated Spurious Emission (n2) (n5) (n25) (n26)	Pass	-

Conformity Assessment Condition:

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

Disclaimer:

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

Reviewed by: William Chen

Report Producer: Julia Chang



1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature
General Specs GSM/WCDMA/LTE/5G NR/NTN , Bluetooth, BLE, BLE channel sounding, Wi-Fi 802.11ax, NFC, WPC Rx and GNSS Rx.
Antenna Type WWAN: <Ant. 0>: ILA Antenna <Ant. 1>: ILA Antenna <Ant. 2>: IFA Antenna <Ant. 5>: IFA Antenna

EUT Information List	
S/N	Performed Test Item
5B041FDDW0000W	Conducted Measurement EIRP/ERP
5B111FDDQ0000B	Radiated Spurious Emission

Support band and evaluated information	
Supported band	n2, n5, n25, n26
Evaluated and Tested band	n2, n5, n25, n26
Band covered information	RSE frequency band range covers another band when the power is worse as follows: ■ n26 cover n5 (Part 22H) ■ n25 cover n2 (Part 24)



Antenna information						
Band	Ant0	Ant1	Ant2	Ant5	Main Ant. #	Sub Ant. #
n2	-0.2	-6.2	-0.3	-2.4	2	0
n5	-4.8	-6.3			0	1
n25	-0.2	-6.2	-0.3	-2.4	2	0
n26	-4.7	-6.3			0	1

MIMO Antenna information						
Band	Ant2+1	Ant2+5	Ant0+1	Ant0+5		
n2	0.26	1.73	0.32	1.78	Correlated	
n25	0.26	1.73	0.32	1.78	Correlated	

Remark:

1. The EUT's information above is declared by manufacturer. Please refer to Disclaimer in report summary.
2. For Test Items, Main Ant. means Tx0 and Sub Ant. means Tx1.
3. After preliminary scan, the main antenna Ant 0 for Low band and main antenna Ant 2 for Mid/high band are selected as the worst mode to be reported for conducted test.
4. After preliminary scan for TxD/MIMO modes, Antenna 2+1 for n25 is selected as the worst mode to be reported for conducted test.
5. The MIMO n2/n25 composite gain is calculated based on KDB 662911 D01 correlated antenna gain formula.



1.2 Modification of EUT

No modifications made to the EUT during the testing.

1.3 Testing Location

Test Site	Sporton International Inc. Wensan Laboratory	
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855	
Test Site No.	Sporton Site No.	
	TH05-HY	03CH20-HY
Test Engineer	Kelvin Lu / Mike Yeh / Ching Chen / Luffy Lin / Hank Chen / George Chen	John Chuang 、 David Dai 、 Sam Chou
Temperature (°C)	20.2~22.2	18.3~22.8
Relative Humidity (%)	50.1~55.3	63.7~71.1

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

FCC Designation No.: TW3786



1.4 Applicable Standards

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

- ♦ ANSI C63.26-2015
- ♦ FCC 47 CFR Part 2, 22(H), 24(E), Part 90(S)
- ♦ FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01
- ♦ FCC KDB 412172 D01 Determining ERP and EIRP v01r01
- ♦ FCC KDB 414788 D01 Radiated Test Site v01r01.
- ♦ FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

Remark:

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



2 Test Configuration of Equipment Under Test

2.1 Test Mode

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

For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape) and accessory (Adapter or Earphone), and adjusting the measurement antenna orientation, following C63.26 exploratory test procedures and find the worst plane as following table.

Plane	Main Antenna	Sub Antenna
n25	Y with Adaptor	Y with Adaptor
MIMO n25	Y with Adaptor	X with Adaptor
n26	X with Adaptor	Y with Adaptor



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

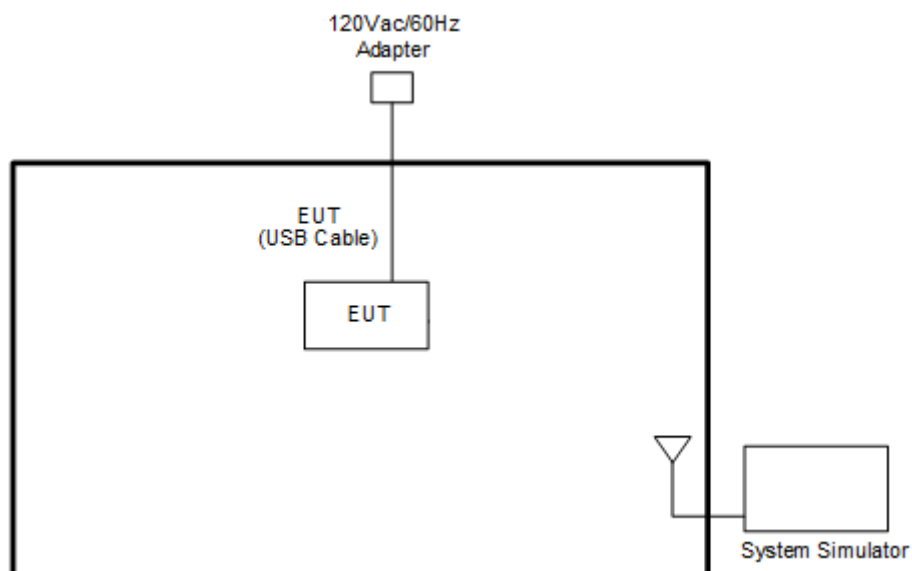
Test Item	Modulation Type	Bandwidth	RB Size	Channel
Conducted Power EIRP	A, B, C, D, E (SISO) A, B, C (TxD) F, G, H, I (MIMO)	All	1, Half, Full	L, M, H
PAR	A, B, C, D, E, F, G, H, I (SISO) F, G, H, I (MIMO)	All	Outer_Full	M
Bandwidth	A, F, G, H, I (SISO) F, G, H, I (MIMO)	All	Outer_Full	M
CBE	A, B, C, D, E (SISO) F, G, H, I (MIMO)	Minimum BW	Outer_1RB	L, H
	F (SISO) A, B, C (TxD)	All	Outer_Full	
	A, B, C (TxD)	All	Inner_Full	
	B (SISO, TxD) F (MIMO)	Minimum BW	Inner_1RB	
Frequency Stability	A (SISO) F (MIMO)	20 MHz or less	Outer_Full	M
RSE	A or B (SISO, TxD)	20 MHz or less	Inner_1RB	L, M, H

Remark:

1. Evaluated all the transmitter signal and reporting worst-case configuration among all modulation types.
2. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst-case emissions are reported.
3. During the RSE preliminary test, the standalone mode and charging modes (Adapter mode and WPC Rx mode) were verified. It is determined that standalone and adapter mode is the worst case for the official test.

2.2 Connection Diagram of Test System

<EUT with Adapter>



<EUT without Accessory>





2.3 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model No.	FCC ID	Data Cable	Power Cord
1.	System Simulator	Anritsu	MT8000A	N/A	N/A	Unshielded, 1.8 m
2.	System Simulator	Anritsu	MT8821C	N/A	N/A	Unshielded, 1.8 m
3.	AC Adapter	N/A	GW8L7	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 n2 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
40	Channel	374000	376000	378000
	Frequency	1870	1880	1890
35	Channel	373500	376000	378500
	Frequency	1867.5	1880	1892.5
30	Channel	373000	376000	379000
	Frequency	1865	1880	1895
25	Channel	372500	376000	379500
	Frequency	1862.5	1880	1897.5
20	Channel	372000	376000	380000
	Frequency	1860	1880	1900
15	Channel	371500	376000	380500
	Frequency	1857.5	1880	1902.5
10	Channel	371000	376000	381000
	Frequency	1855	1880	1905
5	Channel	370500	376000	381500
	Frequency	1852.5	1880	1907.5

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



5G NR n25 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
40	Channel	374000	376500	379000
	Frequency	1870	1882.5	1895
35	Channel	373500	376500	379500
	Frequency	1867.5	1882.5	1897.5
30	Channel	373000	376500	380000
	Frequency	1865	1882.5	1900
25	Channel	372500	376500	380500
	Frequency	1862.5	1882.5	1902.5
20	Channel	372000	376500	381000
	Frequency	1860	1882.5	1905
15	Channel	371500	376500	381500
	Frequency	1857.5	1882.5	1907.5
10	Channel	371000	376500	382000
	Frequency	1855	1882.5	1910
5	Channel	370500	376500	382500
	Frequency	1852.5	1882.5	1912.5



5G NR n26 Channel and Frequency List (Part22H)				
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

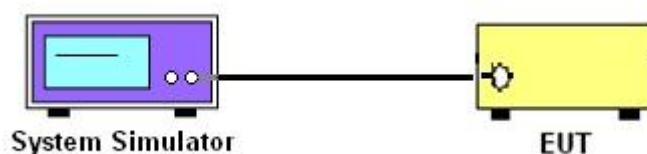
3 Conducted Test Items

3.1 Measuring Instruments

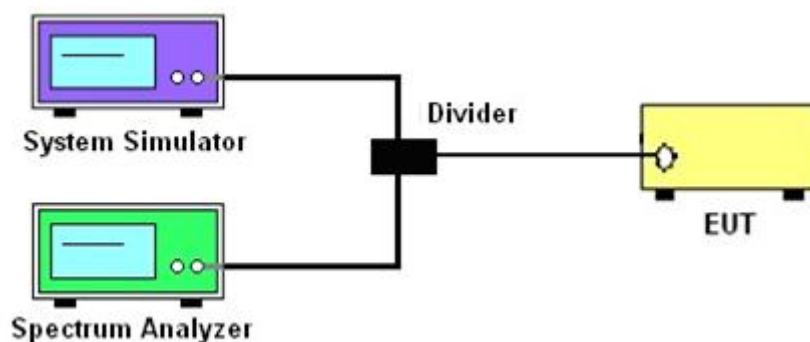
See list of measuring instruments of this test report.

3.1.1 Test Setup

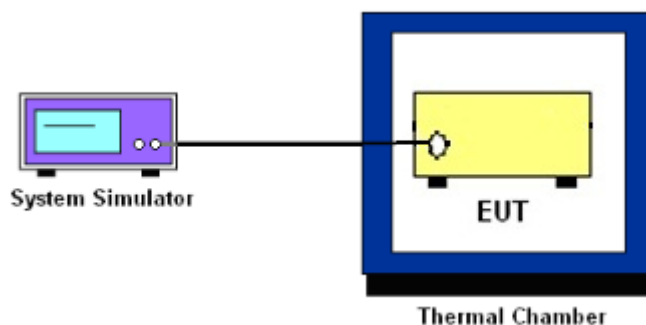
3.1.2 Conducted Output Power



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



3.1.4 Frequency Stability



3.1.5 Test Result of Conducted Test

Please refer to section 3.2 and Appendix A.

3.2 Conducted Output Power and ERP/EIRP

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

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

The ERP of mobile transmitters must not exceed 7 Watts for 5G NR n5, n26 (Part 22H)

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

According to KDB 412172 D01 Power Approach,

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

P_T = transmitter output power in dBm

G_T = gain of the transmitting antenna in dBi

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

3.2.2 Test Procedures

1. The transmitter output port was connected to the system simulator.
2. Set EUT at maximum power through the system simulator.
3. Select lowest, middle, and highest channels for each band and different modulation.
4. Measure and record the power level from the system simulator.



3.2.3 Test Result of the Conducted Output Power and ERP/EIRP Measurement

<NR n2 SISO Ant 2>

NR n2 Maximum Average Power [dBm] (GT - LC = -0.3 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
5	1	1	PI/2 BPSK	23.80	23.87	23.70	23.58	0.2280		
5	1	23		23.83	23.82	23.88				
5	12	6		23.63	23.69	23.71				
5	1	0		23.24	23.34	23.30				
5	1	24		23.22	23.32	23.32				
5	25	0		23.32	23.36	23.38				
5	1	1	QPSK	23.86	23.81	23.75				
5	1	23		23.80	23.85	23.80				
5	12	6		23.73	23.83	23.77				
5	1	0		22.93	22.94	22.87				
5	1	24		23.00	22.97	22.75				
5	25	0		22.96	23.00	22.94				
5	1	1	16-QAM	23.05	23.12	22.99	22.82	0.1914		
5	1	1	64-QAM	21.52	21.58	21.51				
5	1	1	256-QAM	19.49	19.56	19.40				
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
10	1	1	PI/2 BPSK	23.89	23.84	23.87	23.66	0.2323		
10	1	50		23.96	23.84	23.88				
10	25	12		23.79	23.81	23.79				
10	1	0		23.35	23.35	23.30				
10	1	51		23.45	23.35	23.33				
10	50	0		23.37	23.32	23.33				
10	1	1	QPSK	23.86	23.90	23.88				
10	1	50		23.88	23.87	23.95				
10	25	12		23.77	23.82	23.79				
10	1	0		23.07	23.03	23.03				
10	1	51		23.13	23.05	23.05				
10	50	0		23.03	23.00	22.94				
10	1	1	16-QAM	22.95	23.12	23.05	22.82	0.1914		
10	1	1	64-QAM	21.68	21.61	21.51				
10	1	1	256-QAM	19.65	19.55	19.52				
Limit	EIRP < 2W			Result			Pass			



NR n2 Maximum Average Power [dBm] (GT - LC = -0.3 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
15	1	1	PI/2 BPSK	23.85	23.76	23.74	23.62	0.2301		
15	1	77		23.77	23.86	23.76				
15	36	18		23.72	23.75	23.67				
15	1	0		23.33	23.30	23.19				
15	1	78		23.25	23.34	23.27				
15	75	0		23.37	23.39	23.32				
15	1	1	QPSK	23.92	23.90	23.83				
15	1	77		23.89	23.78	23.89				
15	36	18		23.79	23.80	23.73				
15	1	0		23.05	22.98	22.92				
15	1	78		23.11	23.07	22.99				
15	75	0		23.00	22.96	22.90				
15	1	1	16-QAM	23.10	23.18	23.12	22.88	0.1941		
15	1	1	64-QAM	21.51	21.63	21.55				
15	1	1	256-QAM	19.59	19.57	19.58				
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
20	1	1	PI/2 BPSK	23.80	23.76	23.73	23.61	0.2296		
20	1	104		23.78	23.78	23.82				
20	50	25		23.86	23.86	23.78				
20	1	0		23.32	23.22	23.20				
20	1	105		23.30	23.27	23.26				
20	100	0		23.32	23.42	23.37				
20	1	1	QPSK	23.90	23.91	23.84				
20	1	104		23.87	23.87	23.86				
20	50	25		23.83	23.88	23.76				
20	1	0		23.02	23.05	22.97				
20	1	105		23.05	23.03	22.96				
20	100	0		22.99	23.01	22.95				
20	1	1	16-QAM	23.11	23.22	23.17	22.92	0.1959		
20	1	1	64-QAM	21.57	21.65	21.61				
20	1	1	256-QAM	19.60	19.66	19.54				
Limit	EIRP < 2W			Result			Pass			



NR n2 Maximum Average Power [dBm] (GT - LC = -0.3 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
25	1	1	PI/2 BPSK	23.75	23.65	23.77	23.57	0.2275		
25	1	131		23.68	23.63	23.66				
25	64	32		23.77	23.85	23.78				
25	1	0		23.21	23.19	23.23				
25	1	132		23.19	23.06	23.12				
25	128	0		23.17	23.29	23.29				
25	1	1	QPSK	23.75	23.79	23.81				
25	1	131		23.76	23.74	23.77				
25	64	32		23.80	23.87	23.80				
25	1	0		22.90	22.87	22.88				
25	1	132		22.82	22.87	22.89				
25	128	0		22.84	22.89	22.91				
25	1	1	16-QAM	22.96	23.06	22.94	22.76	0.1888		
25	1	1	64-QAM	21.43	21.52	21.46				
25	1	1	256-QAM	19.40	19.44	19.31				
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
30	1	1	PI/2 BPSK	23.84	23.71	23.95	23.79	0.2393		
30	1	158		23.92	23.70	23.75				
30	80	40		23.92	23.89	23.83				
30	1	0		23.33	23.17	23.45				
30	1	159		23.43	23.14	23.19				
30	160	0		23.36	23.40	23.37				
30	1	1	QPSK	23.91	23.82	23.98				
30	1	158		24.09	23.82	23.86				
30	80	40		23.99	23.89	23.81				
30	1	0		22.95	22.89	23.01				
30	1	159		23.03	22.88	22.88				
30	160	0		22.98	22.90	22.93				
30	1	1	16-QAM	23.04	23.04	23.04	22.74	0.1879		
30	1	1	64-QAM	21.43	21.44	21.50				
30	1	1	256-QAM	19.46	19.45	19.42				
Limit	EIRP < 2W			Result			Pass			



NR n2 Maximum Average Power [dBm] (GT - LC = -0.3 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
35	1	1	PI/2 BPSK	23.80	23.71	23.73	23.61	0.2296		
35	1	186		23.83	23.65	23.64				
35	90	45		23.91	23.88	23.78				
35	1	0		23.28	23.22	23.13				
35	1	187		23.33	23.09	23.08				
35	180	0		23.25	23.31	23.21				
35	1	1	QPSK	23.82	23.77	23.76				
35	1	186		23.84	23.73	23.79				
35	90	45		23.91	23.86	23.77				
35	1	0		22.86	22.87	22.80				
35	1	187		22.87	22.82	22.80				
35	180	0		22.88	22.85	22.86				
35	1	1	16-QAM	22.96	23.04	22.95	22.74	0.1879		
35	1	1	64-QAM	21.41	21.46	21.37				
35	1	1	256-QAM	19.36	19.37	19.31				
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
40	1	1	PI/2 BPSK	23.74	23.73	23.66	23.58	0.2280		
40	1	214		23.70	23.69	23.67				
40	108	54		23.83	23.88	23.80				
40	1	0		23.23	23.20	23.24				
40	1	215		23.21	23.16	23.10				
40	216	0		23.19	23.28	23.26				
40	1	1	QPSK	23.79	23.74	23.84				
40	1	214		23.84	23.75	23.78				
40	108	54		23.86	23.87	23.83				
40	1	0		22.81	22.89	22.85				
40	1	215		22.81	22.80	22.79				
40	216	0		22.85	22.86	22.82				
40	1	1	16-QAM	22.94	22.91	23.00	22.70	0.1862		
40	1	1	64-QAM	21.37	21.44	21.37				
40	1	1	256-QAM	19.35	19.23	19.40				
Limit	EIRP < 2W			Result			Pass			



<NR n2 SISO Ant 0>

NR n2 Maximum Average Power [dBm] (GT - LC = -0.2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
5	1	1	PI/2 BPSK	23.94	24.01	23.85	23.83	0.2415		
5	1	23		23.91	23.94	23.93				
5	12	6		23.76	23.81	23.75				
5	1	0		23.38	23.51	23.31				
5	1	24		23.36	23.46	23.43				
5	25	0		23.42	23.52	23.43				
5	1	1	QPSK	23.84	24.03	23.77				
5	1	23		23.82	23.89	23.87				
5	12	6		23.86	23.96	23.88				
5	1	0		22.93	23.16	22.83				
5	1	24		23.04	23.04	22.84				
5	25	0		23.09	23.12	23.03				
5	1	1	16-QAM	23.14	23.27	23.24	23.07	0.2028		
5	1	1	64-QAM	21.65	21.69	21.59				
5	1	1	256-QAM	19.53	19.59	19.59				
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK	23.97	24.01	23.88	23.81	0.2404		
10	1	50		23.93	23.90	23.85				
10	25	12		23.82	23.97	23.85				
10	1	0		23.42	23.47	23.41				
10	1	51		23.37	23.45	23.43				
10	50	0		23.44	23.47	23.37				
10	1	1	QPSK	23.84	23.98	23.90				
10	1	50		23.87	23.84	23.88				
10	25	12		23.87	23.97	23.89				
10	1	0		22.98	23.11	23.01				
10	1	51		23.02	23.07	22.94				
10	50	0		23.13	23.14	23.03				
10	1	1	16-QAM	23.18	23.24	23.04	23.04	0.2014		
10	1	1	64-QAM	21.68	21.74	21.56				
10	1	1	256-QAM	19.56	19.59	19.40				
Limit	EIRP < 2W			Result			Pass			



NR n2 Maximum Average Power [dBm] (GT - LC = -0.2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
15	1	1	PI/2 BPSK	23.93	24.01	23.89	23.81	0.2404		
15	1	77		23.90	23.95	23.91				
15	36	18		23.85	23.93	23.81				
15	1	0		23.40	23.47	23.40				
15	1	78		23.38	23.45	23.45				
15	75	0		23.45	23.48	23.34				
15	1	1	QPSK	23.84	23.97	23.86				
15	1	77		23.89	23.88	23.93				
15	36	18		23.88	23.94	23.90				
15	1	0		23.00	23.10	22.99				
15	1	78		23.01	23.07	22.96				
15	75	0		23.08	23.11	23.01				
15	1	1	16-QAM	23.17	23.23	23.16	23.03	0.2009		
15	1	1	64-QAM	21.63	21.73	21.59				
15	1	1	256-QAM	19.54	19.60	19.69				
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
20	1	1	PI/2 BPSK	23.96	23.95	23.93	23.84	0.2421		
20	1	104		23.96	23.96	23.89				
20	50	25		23.98	23.97	23.79				
20	1	0		23.37	23.48	23.40				
20	1	105		23.51	23.41	23.42				
20	100	0		23.44	23.48	23.55				
20	1	1	QPSK	23.85	23.93	23.86				
20	1	104		23.93	23.92	23.92				
20	50	25		23.93	24.04	23.86				
20	1	0		23.03	23.12	22.96				
20	1	105		23.09	22.98	22.95				
20	100	0		23.07	23.12	23.08				
20	1	1	16-QAM	23.21	23.33	23.28	23.13	0.2056		
20	1	1	64-QAM	21.67	21.78	21.63				
20	1	1	256-QAM	19.54	19.68	19.71				
Limit	EIRP < 2W			Result			Pass			



NR n2 Maximum Average Power [dBm] (GT - LC = -0.2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
25	1	1	PI/2 BPSK	23.89	23.90	23.78	23.78	0.2388		
25	1	131		23.95	23.85	23.76				
25	64	32		23.93	23.98	23.88				
25	1	0		23.32	23.38	23.34				
25	1	132		23.37	23.30	23.27				
25	128	0		23.30	23.44	23.38				
25	1	1	QPSK	23.80	23.79	23.83				
25	1	131		23.87	23.80	23.79				
25	64	32		23.96	23.98	23.88				
25	1	0		22.88	22.87	22.81				
25	1	132		22.98	22.89	22.88				
25	128	0		22.98	23.02	23.07				
25	1	1	16-QAM	23.02	23.17	23.23	23.03	0.2009		
25	1	1	64-QAM	21.56	21.63	21.64				
25	1	1	256-QAM	19.37	19.57	19.53				
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
30	1	1	PI/2 BPSK	23.91	23.93	24.00	23.87	0.2438		
30	1	158		24.07	23.92	23.92				
30	80	40		23.98	24.03	23.94				
30	1	0		23.38	23.37	23.50				
30	1	159		23.58	23.40	23.41				
30	160	0		23.44	23.52	23.46				
30	1	1	QPSK	23.85	23.89	23.97				
30	1	158		24.01	23.92	23.95				
30	80	40		23.99	24.04	23.99				
30	1	0		22.86	22.91	23.01				
30	1	159		23.01	22.90	22.86				
30	160	0		23.01	23.03	22.99				
30	1	1	16-QAM	23.00	23.21	23.15	23.01	0.2000		
30	1	1	64-QAM	21.52	21.62	21.63				
30	1	1	256-QAM	19.39	19.55	19.49				
Limit	EIRP < 2W			Result			Pass			



NR n2 Maximum Average Power [dBm] (GT - LC = -0.2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
35	1	1	PI/2 BPSK	23.87	23.87	23.88	23.81	0.2404		
35	1	186		23.89	23.83	23.88				
35	90	45		23.99	23.98	23.95				
35	1	0		23.31	23.34	23.42				
35	1	187		23.39	23.32	23.28				
35	180	0		23.36	23.46	23.40				
35	1	1	QPSK	23.76	23.86	23.89				
35	1	186		23.84	23.83	23.90				
35	90	45		23.99	24.01	23.94				
35	1	0		22.81	22.83	22.95				
35	1	187		22.84	22.93	22.87				
35	180	0		22.96	23.00	22.98				
35	1	1	16-QAM	23.06	23.27	23.01	23.07	0.2028		
35	1	1	64-QAM	21.48	21.63	21.40				
35	1	1	256-QAM	19.31	19.60	19.38				
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
40	1	1	PI/2 BPSK	23.85	23.83	23.95	23.86	0.2432		
40	1	214		23.91	23.87	23.90				
40	108	54		24.02	23.99	23.96				
40	1	0		23.34	23.33	23.41				
40	1	215		23.38	23.36	23.38				
40	216	0		23.38	23.39	23.35				
40	1	1	QPSK	23.74	23.77	23.87				
40	1	214		23.90	23.89	23.89				
40	108	54		24.00	24.06	23.95				
40	1	0		22.74	22.75	22.88				
40	1	215		22.67	22.86	22.81				
40	216	0		22.97	23.03	23.00				
40	1	1	16-QAM	22.87	23.16	23.08	22.96	0.1977		
40	1	1	64-QAM	21.38	21.61	21.54				
40	1	1	256-QAM	19.25	19.49	19.47				
Limit	EIRP < 2W			Result			Pass			



<NR n2 MIMO Ant 2+1>

NR n2 Maximum Average Power [dBm] (GT - LC = 0.26 dB)														
BW	RB	RB	Mod	Antenna 2			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
5	1	1	PI/2 BPSK	24.42	24.29	24.30	24.11	24.27	24.03	27.28	27.29	27.18	27.58	0.5728
5	1	23		24.47	24.35	24.24	24.05	24.27	24.13	27.28	27.32	27.20		
5	12	6		24.12	23.96	23.90	23.81	24.00	23.73	26.98	26.99	26.83		
5	1	0		20.76	20.78	20.76	20.53	20.64	20.51	23.66	23.72	23.65		
5	1	24		20.70	20.75	20.72	20.48	20.65	20.51	23.60	23.71	23.63		
5	25	0		23.27	23.23	23.24	23.03	23.09	23.07	26.16	26.17	26.17		
5	1	1	QPSK	23.85	23.75	23.72	23.60	23.74	23.43	26.74	26.76	26.59		
5	1	23		23.86	23.73	23.74	23.55	23.73	23.65	26.72	26.74	26.71		
5	12	6		23.70	23.57	23.58	23.42	23.64	23.56	26.57	26.62	26.58		
5	1	0		20.84	20.83	20.81	20.60	20.67	20.58	23.73	23.76	23.71		
5	1	24		20.79	20.82	20.79	20.55	20.67	20.62	23.68	23.76	23.72		
5	25	0		22.34	22.26	22.27	22.14	22.14	22.12	25.25	25.21	25.21		
5	1	1	16-QAM	22.73	22.76	21.75	22.55	22.59	21.69	25.65	25.69	24.73	25.95	0.3936
5	1	1	64-QAM	21.28	21.24	21.19	21.07	21.09	21.08	24.19	24.18	24.15		
5	1	1	256-QAM	18.66	18.71	18.56	18.46	18.57	18.61	21.57	21.65	21.60		
BW	RB	RB	Mod	Antenna 2			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
10	1	1	PI/2 BPSK	24.53	24.22	24.37	24.25	24.33	24.12	27.40	27.29	27.26	27.66	0.5834
10	1	50		24.44	24.33	24.22	24.10	24.25	24.16	27.28	27.30	27.20		
10	25	12		24.29	24.04	24.07	24.01	24.13	23.94	27.16	27.10	27.02		
10	1	0		20.73	20.73	20.67	20.62	20.66	20.60	23.69	23.71	23.65		
10	1	51		20.66	20.75	20.72	20.62	20.67	20.60	23.65	23.72	23.67		
10	50	0		23.31	23.22	23.18	23.18	23.12	23.09	26.26	26.18	26.15		
10	1	1	QPSK	23.84	23.61	23.73	23.67	23.71	23.53	26.77	26.67	26.64		
10	1	50		23.75	23.67	23.78	23.68	23.72	23.61	26.73	26.71	26.71		
10	25	12		23.76	23.55	23.48	23.53	23.64	23.57	26.66	26.61	26.54		
10	1	0		20.89	20.78	20.63	20.75	20.72	20.53	23.83	23.76	23.59		
10	1	51		20.77	20.81	20.77	20.75	20.72	20.66	23.77	23.78	23.73		
10	50	0		22.29	22.25	22.24	22.18	22.14	22.12	25.25	25.21	25.19		
10	1	1	16-QAM	22.81	22.82	22.59	22.70	22.62	22.48	25.77	25.73	25.55	26.03	0.4009
10	1	1	64-QAM	21.34	21.29	21.13	21.25	21.15	21.12	24.31	24.23	24.14		
10	1	1	256-QAM	18.76	18.70	18.59	18.59	18.53	18.53	21.69	21.63	21.57		
BW	RB	RB	Mod	Antenna 2			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
15	1	1	PI/2 BPSK	24.43	24.19	24.35	24.23	24.38	24.13	27.34	27.30	27.25	27.60	0.5754
15	1	77		24.28	24.36	24.24	24.10	24.19	24.12	27.20	27.29	27.19		
15	36	18		24.18	24.15	24.18	24.00	24.18	23.95	27.10	27.18	27.08		
15	1	0		20.76	20.72	20.67	20.60	20.62	20.53	23.69	23.68	23.61		
15	1	78		20.67	20.80	20.70	20.62	20.67	20.54	23.66	23.75	23.63		
15	75	0		23.24	23.27	23.15	23.16	23.13	23.01	26.21	26.21	26.09		
15	1	1	QPSK	23.93	23.62	23.69	23.72	23.75	23.49	26.84	26.70	26.60		
15	1	77		23.76	23.73	23.70	23.66	23.63	23.64	26.72	26.69	26.68		
15	36	18		23.70	23.69	23.79	23.53	23.76	23.50	26.63	26.74	26.66		
15	1	0		20.88	20.77	20.60	20.69	20.68	20.47	23.80	23.74	23.55		
15	1	78		20.79	20.83	20.66	20.71	20.70	20.46	23.76	23.78	23.57		
15	75	0		22.30	22.30	22.18	22.16	22.12	22.05	25.24	25.22	25.13		
15	1	1	16-QAM	22.82	22.81	22.77	22.70	22.68	22.63	25.77	25.76	25.71	26.03	0.4009
15	1	1	64-QAM	21.37	21.37	21.27	21.24	21.23	21.14	24.32	24.31	24.22		
15	1	1	256-QAM	18.73	18.64	18.64	18.57	18.48	18.50	21.66	21.57	21.58		
BW	RB	RB	Mod	Antenna 2			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
20	1	1	PI/2 BPSK	24.49	24.18	24.22	24.16	24.29	24.12	27.34	27.25	27.18	27.60	0.5754
20	1	104		24.18	24.25	24.21	24.22	24.12	24.14	27.21	27.20	27.19		
20	50	25		24.23	24.14	24.22	24.08	24.19	24.00	27.17	27.18	27.12		
20	1	0		20.75	20.74	20.73	20.55	20.63	20.59	23.66	23.70	23.67		
20	1	105		20.69	20.75	20.73	20.57	20.62	20.55	23.64	23.70	23.65		
20	100	0		23.31	23.31	23.23	23.19	23.14	23.10	26.26	26.24	26.18		
20	1	1	QPSK	23.94	23.56	23.70	23.67	23.65	23.63	26.82	26.62	26.68		
20	1	104		23.68	23.79	23.67	23.69	23.74	23.65	26.70	26.78	26.67		
20	50	25		23.66	22.80	23.69	23.56	22.63	23.47	26.62	25.73	26.59		
20	1	0		20.85	20.77	20.62	20.64	20.55	20.53	23.76	23.67	23.59		
20	1	105		20.77	20.79	20.74	20.67	20.71	20.62	23.73	23.76	23.69		
20	100	0		22.25	22.27	22.21	22.14	22.16	22.09	25.21	25.23	25.16		
20	1	1	16-QAM	22.81	21.92	22.77	22.62	21.73	22.74	25.73	24.84	25.77	26.03	0.4009
20	1	1	64-QAM	21.35	21.39	21.38	21.14	21.20	21.29	24.26	24.31	24.35		
20	1	1	256-QAM	18.71	18.70	18.56	18.50	18.55	18.50	21.62	21.64	21.54		
Limit	EIRP < 2W			Result									Pass	



NR n2 Maximum Average Power [dBm] (GT - LC = 0.26 dB)														
BW	RB	RB	Mod	Antenna 2			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
25	1	1	PI/2 BPSK	24.17	24.19	24.03	23.86	23.85	23.90	27.03	27.03	26.98	27.33	0.5408
25	1	131		24.16	24.18	24.10	23.95	23.84	23.98	27.07	27.02	27.05		
25	64	32		24.06	24.03	24.14	23.96	24.01	23.94	27.02	27.03	27.05		
25	1	0		20.62	20.48	20.66	20.45	20.59	20.61	23.55	23.55	23.65		
25	1	132		20.54	20.50	20.48	20.46	20.57	20.54	23.51	23.55	23.52		
25	128	0		23.12	23.16	23.18	23.04	23.05	23.09	26.09	26.12	26.15		
25	1	1	QPSK	23.62	23.54	23.50	23.40	23.48	23.51	26.52	26.52	26.52		
25	1	131		23.54	23.60	23.49	23.44	23.45	23.54	26.50	26.54	26.53		
25	64	32		23.56	23.55	23.63	23.46	23.54	23.43	26.52	26.56	26.54		
25	1	0		20.68	20.61	20.61	20.53	20.57	20.59	23.62	23.60	23.61		
25	1	132		20.66	20.65	20.66	20.60	20.55	20.56	23.64	23.61	23.62		
25	128	0	16-QAM	22.13	22.21	22.19	22.06	22.06	22.08	25.11	25.15	25.15	26.01	0.3990
25	1	1		22.69	22.60	22.69	22.56	22.79	22.79	25.64	25.71	25.75		
25	1	1		21.22	21.07	21.30	21.15	21.26	21.28	24.20	24.18	24.30		
25	1	1	256-QAM	18.74	18.65	18.62	18.52	18.54	18.58	21.64	21.61	21.61		
BW	RB	RB	Mod	Antenna 2			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
30	1	1	PI/2 BPSK	24.34	24.00	24.04	23.97	23.90	24.00	27.17	26.96	27.03	27.45	0.5559
30	1	158		24.24	24.35	24.03	24.12	23.92	24.02	27.19	27.15	27.04		
30	80	40		24.07	24.06	24.10	24.04	23.99	23.96	27.07	27.04	27.04		
30	1	0		20.69	20.56	20.67	20.55	20.56	20.59	23.63	23.57	23.64		
30	1	159		20.68	20.58	20.55	20.58	20.52	20.56	23.64	23.56	23.57		
30	160	0		23.19	23.18	23.11	23.10	23.08	23.09	26.16	26.14	26.11		
30	1	1	QPSK	23.69	23.57	23.49	23.49	23.53	23.48	26.60	26.56	26.50		
30	1	158		23.58	23.62	23.56	23.62	23.42	23.44	26.61	26.53	26.51		
30	80	40		23.51	23.53	23.61	23.53	23.52	23.48	26.53	26.54	26.56		
30	1	0		20.67	20.75	20.60	20.58	20.61	20.60	23.64	23.69	23.61		
30	1	159		20.76	20.70	20.47	20.71	20.58	20.46	23.75	23.65	23.48		
30	160	0	16-QAM	22.17	22.15	22.10	22.10	22.11	22.07	25.15	25.14	25.10	25.98	0.3963
30	1	1		22.74	22.67	22.71	22.66	22.75	22.69	25.71	25.72	25.71		
30	1	1		21.20	21.06	21.24	21.18	21.19	21.18	24.20	24.14	24.22		
30	1	1	256-QAM	18.70	18.56	18.69	18.62	18.58	18.63	21.67	21.58	21.67		
BW	RB	RB	Mod	Antenna 2			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
35	1	1	PI/2 BPSK	24.27	23.98	23.88	23.86	23.89	23.83	27.08	26.95	26.87	27.34	0.5420
35	1	186		24.06	24.13	23.92	23.91	23.80	23.88	27.00	26.98	26.91		
35	90	45		24.04	24.08	24.07	23.99	24.00	23.90	27.03	27.05	27.00		
35	1	0		20.57	20.55	20.47	20.46	20.51	20.43	23.53	23.54	23.46		
35	1	187		20.63	20.51	20.47	20.58	20.47	20.42	23.62	23.50	23.46		
35	180	0		23.05	23.16	23.03	23.03	23.08	22.95	26.05	26.13	26.00		
35	1	1	QPSK	23.57	23.50	23.40	23.36	23.45	23.34	26.48	26.49	26.38		
35	1	186		23.47	23.60	23.45	23.49	23.39	23.31	26.49	26.51	26.39		
35	90	45		23.56	23.55	23.58	23.49	23.51	23.38	26.54	26.54	26.49		
35	1	0		20.69	20.54	20.36	20.53	20.45	20.44	23.62	23.51	23.41		
35	1	187		20.64	20.62	20.39	20.61	20.48	20.36	23.64	23.56	23.39		
35	180	0	16-QAM	22.13	22.15	22.11	22.06	22.05	21.97	25.11	25.11	25.05	25.96	0.3945
35	1	1		22.73	22.55	22.59	22.65	22.71	22.58	25.70	25.64	25.60		
35	1	1		21.23	21.18	21.03	21.18	21.16	21.11	24.22	24.18	24.08		
35	1	1	256-QAM	18.78	18.60	18.68	18.55	18.58	18.47	21.68	21.60	21.59		
BW	RB	RB	Mod	Antenna 2			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
40	1	1	PI/2 BPSK	24.29	24.00	23.90	23.80	23.85	23.87	27.06	26.94	26.90	27.32	0.5395
40	1	214		24.15	24.04	23.94	23.79	23.76	23.90	26.98	26.91	26.93		
40	108	54		24.01	24.04	24.01	24.01	23.99	23.92	27.02	27.03	26.98		
40	1	0		20.57	20.60	20.51	20.42	20.50	20.49	23.51	23.56	23.51		
40	1	215		20.65	20.48	20.51	20.52	20.45	20.45	23.60	23.48	23.49		
40	216	0	QPSK	23.01	23.15	23.03	22.96	23.06	22.97	26.00	26.12	26.01		
40	1	1		23.61	23.44	23.44	23.40	23.24	23.33	26.52	26.35	26.40		
40	1	214		23.56	23.64	23.43	23.43	23.23	23.32	26.51	26.45	26.39		
40	108	54		23.45	23.54	23.55	23.49	23.50	23.46	26.48	26.53	26.52		
40	1	0		20.70	20.54	20.40	20.50	20.43	20.47	23.61	23.50	23.45		
40	1	215	16-QAM	20.62	20.42	20.37	20.51	20.39	20.37	23.58	23.42	23.38	25.97	0.3954
40	216	0		22.07	22.15	22.07	22.00	22.05	21.97	25.05	25.11	25.03		
40	1	1		22.60	22.64	22.57	22.65	22.75	22.66	25.64	25.71	25.63		
40	1	1	64-QAM	21.10	21.21	21.01	21.15	21.19	21.14	24.14	24.21	24.09		
40	1	1	256-QAM	18.63	18.45	18.61	18.51	18.58	18.59	21.58	21.53	21.61		
Limit	EIRP < 2W			Result									Pass	



<NR n2 MIMO Ant 2+5>

NR n2 Maximum Average Power [dBm] (GT - LC = 1.73 dB)														
BW	RB	RB	Mod	Antenna 2			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
5	1	1	PI/2 BPSK	24.20	24.06	24.10	23.83	24.06	23.95	27.03	27.07	27.04	28.80	0.7586
5	1	23		24.23	24.05	23.99	23.79	24.07	23.86	27.03	27.07	26.94		
5	12	6		24.13	23.90	23.84	23.69	23.93	23.93	26.93	26.93	26.90		
5	1	0		20.70	20.65	20.64	20.34	20.49	20.49	23.53	23.58	23.58		
5	1	24		20.64	20.62	20.67	20.32	20.52	20.57	23.49	23.58	23.63		
5	25	0		23.26	23.16	23.19	22.93	23.03	23.09	26.11	26.11	26.15		
5	1	1	QPSK	23.75	23.59	23.55	23.40	23.59	23.44	26.59	26.60	26.51		
5	1	23		23.73	23.52	23.69	23.31	23.56	23.62	26.54	26.55	26.67		
5	12	6		23.78	23.67	23.65	23.32	23.54	23.54	26.57	26.62	26.61		
5	1	0		20.75	20.70	20.18	20.43	20.54	20.06	23.60	23.63	23.13		
5	1	24		20.68	20.66	20.73	20.38	20.54	20.62	23.54	23.61	23.69		
5	25	0		22.29	22.21	22.26	21.97	22.05	22.15	25.14	25.14	25.22		
5	1	1	16-QAM	22.62	22.58	22.50	22.31	22.41	22.40	25.48	25.51	25.46	27.24	0.5297
5	1	1	64-QAM	21.11	21.04	20.98	20.77	20.86	20.84	23.95	23.96	23.92		
5	1	1	256-QAM	18.77	18.72	18.69	18.43	18.58	18.53	21.61	21.66	21.62		
BW	RB	RB	Mod	Antenna 2			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
10	1	1	PI/2 BPSK	24.48	24.35	24.43	24.21	24.34	24.17	27.36	27.36	27.31	29.09	0.8110
10	1	50		24.43	24.31	24.38	24.22	24.34	24.31	27.34	27.34	27.36		
10	25	12		24.41	24.30	24.33	24.15	24.30	24.16	27.29	27.31	27.26		
10	1	0		20.91	20.94	20.83	20.73	20.75	20.70	23.83	23.86	23.78		
10	1	51		20.86	20.92	20.93	20.80	20.74	20.79	23.84	23.84	23.87		
10	50	0		23.47	23.43	23.39	23.29	23.23	23.26	26.39	26.34	26.34		
10	1	1	QPSK	23.92	23.81	23.85	23.70	23.81	23.62	26.82	26.82	26.75		
10	1	50		23.90	23.83	23.90	23.72	23.79	23.80	26.82	26.82	26.86		
10	25	12		23.95	23.80	23.87	23.66	23.81	23.66	26.82	26.82	26.78		
10	1	0		20.94	20.98	20.85	20.77	20.75	20.75	23.87	23.88	23.81		
10	1	51		20.86	20.94	20.96	20.81	20.79	20.82	23.85	23.88	23.90		
10	50	0		22.44	22.44	22.40	22.25	22.25	22.27	25.36	25.36	25.35		
10	1	1	16-QAM	22.94	22.82	22.74	22.75	22.65	22.64	25.86	25.75	25.70	27.59	0.5741
10	1	1	64-QAM	21.33	21.35	21.21	21.09	21.14	21.06	24.22	24.26	24.15		
10	1	1	256-QAM	19.09	18.94	18.80	18.90	18.76	18.71	22.01	21.86	21.77		
BW	RB	RB	Mod	Antenna 2			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
15	1	1	PI/2 BPSK	24.47	24.36	24.44	24.25	24.34	24.24	27.37	27.36	27.35	29.10	0.8128
15	1	77		24.43	24.31	24.41	24.27	24.33	24.21	27.36	27.33	27.32		
15	36	18		24.38	24.32	24.34	24.17	24.29	24.14	27.29	27.32	27.25		
15	1	0		20.90	20.96	20.81	20.73	20.74	20.71	23.83	23.86	23.77		
15	1	78		20.91	20.92	20.91	20.81	20.76	20.75	23.87	23.85	23.84		
15	75	0		23.38	23.47	23.37	23.28	23.27	23.22	26.34	26.38	26.31		
15	1	1	QPSK	23.90	23.82	23.90	23.71	23.81	23.70	26.82	26.83	26.81		
15	1	77		23.91	23.83	23.86	23.80	23.80	23.81	26.87	26.83	26.85		
15	36	18		23.94	23.82	23.92	23.69	23.83	23.64	26.83	26.84	26.79		
15	1	0		20.95	20.98	20.87	20.80	20.78	20.76	23.89	23.89	23.83		
15	1	78		20.93	20.92	21.00	20.87	20.78	20.84	23.91	23.86	23.93		
15	75	0		22.44	22.48	22.40	22.33	22.26	22.28	25.40	25.38	25.35		
15	1	1	16-QAM	22.77	22.82	22.74	22.61	22.66	22.64	25.70	25.75	25.70	27.48	0.5598
15	1	1	64-QAM	21.32	21.30	21.20	21.12	21.05	21.02	24.23	24.19	24.12		
15	1	1	256-QAM	18.93	18.90	18.86	18.77	18.74	18.76	21.86	21.83	21.82		
BW	RB	RB	Mod	Antenna 2			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
20	1	1	PI/2 BPSK	24.33	24.39	24.38	24.26	24.27	24.25	27.31	27.34	27.33	29.12	0.8166
20	1	104		24.38	24.40	24.38	24.28	24.28	24.30	27.34	27.35	27.35		
20	50	25		24.48	24.31	24.46	24.27	24.35	24.22	27.39	27.34	27.35		
20	1	0		20.89	20.95	20.87	20.73	20.76	20.74	23.82	23.87	23.82		
20	1	105		20.98	20.89	20.92	20.81	20.74	20.74	23.91	23.83	23.84		
20	100	0		23.44	23.48	23.44	23.31	23.29	23.31	26.39	26.40	26.39		
20	1	1	QPSK	23.87	23.83	23.82	23.70	23.80	23.73	26.80	26.83	26.79		
20	1	104		23.84	23.85	23.86	23.83	23.76	23.78	26.85	26.82	26.83		
20	50	25		23.89	23.88	23.95	23.75	23.86	23.69	26.83	26.88	26.83		
20	1	0		20.92	20.98	20.90	20.77	20.80	20.79	23.86	23.90	23.86		
20	1	105		20.94	20.91	20.98	20.85	20.77	20.80	23.91	23.85	23.90		
20	100	0		22.47	22.47	22.45	22.37	22.29	22.30	25.43	25.39	25.39		
20	1	1	16-QAM	22.72	22.84	22.76	22.61	22.72	22.66	25.68	25.79	25.72	27.52	0.5649
20	1	1	64-QAM	21.27	21.34	21.28	21.08	21.09	21.10	24.19	24.23	24.20		
20	1	1	256-QAM	18.93	19.09	18.89	18.78	18.93	18.80	21.87	22.02	21.86		
Limit	EIRP < 2W			Result									Pass	



NR n2 Maximum Average Power [dBm] (GT - LC = 1.73 dB)														
BW	RB	RB	Mod	Antenna 2			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
25	1	1	PI/2 BPSK	24.08	24.01	24.05	23.68	23.84	23.89	26.89	26.94	26.98	28.78	0.7551
25	1	131		23.92	24.05	23.96	23.79	23.87	23.74	26.87	26.97	26.86		
25	64	32		24.06	24.05	23.94	23.86	24.02	23.86	26.97	27.05	26.91		
25	1	0		20.62	20.55	20.74	20.36	20.41	20.55	23.50	23.49	23.66		
25	1	132		20.56	20.52	20.58	20.41	20.45	20.55	23.50	23.50	23.58		
25	128	0		23.07	23.18	23.26	22.89	22.96	23.08	25.99	26.08	26.18		
25	1	1	QPSK	23.59	23.52	23.67	23.24	23.37	23.50	26.43	26.46	26.60		
25	1	131		23.45	23.56	23.63	23.34	23.41	23.54	26.41	26.50	26.60		
25	64	32		23.56	23.58	23.75	23.36	23.53	23.57	26.47	26.57	26.67		
25	1	0		20.69	20.63	20.71	20.37	20.48	20.61	23.54	23.57	23.67		
25	1	132		20.58	20.61	20.70	20.41	20.52	20.60	23.51	23.58	23.66		
25	128	0	16-QAM	22.12	22.20	22.30	21.94	22.00	22.11	25.04	25.11	25.22	27.18	0.5224
25	1	1		22.54	22.49	22.49	22.23	22.36	22.38	25.40	25.44	25.45		
25	1	1		20.96	20.92	21.09	20.71	20.81	20.85	23.85	23.88	23.98		
25	1	1	256-QAM	18.72	18.62	18.71	18.40	18.49	18.58	21.57	21.57	21.66		
BW	RB	RB	Mod	Antenna 2			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
30	1	1	PI/2 BPSK	24.22	24.07	24.12	23.79	23.89	23.94	27.02	26.99	27.04	28.81	0.7603
30	1	158		24.14	24.15	23.72	23.99	23.88	23.69	27.08	27.03	26.72		
30	80	40		24.27	24.18	24.16	23.81	23.89	23.82	27.06	27.05	27.00		
30	1	0		20.68	20.62	20.66	20.41	20.50	20.46	23.56	23.57	23.57		
30	1	159		20.72	20.57	20.57	20.52	20.52	20.57	23.63	23.56	23.58		
30	160	0		23.23	23.22	23.21	22.99	23.07	23.05	26.12	26.16	26.14		
30	1	1	QPSK	23.75	23.58	23.55	23.33	23.39	23.29	26.56	26.50	26.43		
30	1	158		23.74	23.66	23.68	23.54	23.53	23.61	26.65	26.61	26.66		
30	80	40		23.78	23.65	23.73	23.55	23.50	23.54	26.68	26.59	26.65		
30	1	0		20.79	20.62	20.75	20.47	20.51	20.54	23.64	23.58	23.66		
30	1	159		20.76	20.68	20.70	20.58	20.54	20.64	23.68	23.62	23.68		
30	160	0	16-QAM	22.23	22.19	22.21	22.01	22.08	22.07	25.13	25.15	25.15	26.21	0.4178
30	1	1		21.61	21.50	21.56	21.32	21.38	21.36	24.48	24.45	24.47		
30	1	1		21.09	20.00	20.15	20.74	19.80	19.85	23.93	22.91	23.01		
30	1	1	256-QAM	18.85	18.72	18.80	18.49	18.54	18.56	21.68	21.64	21.69		
BW	RB	RB	Mod	Antenna 2			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
35	1	1	PI/2 BPSK	24.14	23.98	23.87	23.68	23.79	23.91	26.93	26.90	26.90	28.74	0.7482
35	1	186		24.02	23.83	23.73	23.88	23.94	23.93	26.96	26.90	26.84		
35	90	45		24.08	23.99	23.11	23.91	23.87	23.94	27.01	26.94	26.56		
35	1	0		20.61	20.61	20.55	20.37	20.41	20.42	23.50	23.52	23.50		
35	1	187		20.67	20.54	20.49	20.51	20.46	20.50	23.60	23.51	23.51		
35	180	0		23.12	23.18	23.13	22.93	23.04	22.95	26.04	26.12	26.05		
35	1	1	QPSK	23.69	23.54	23.54	23.31	23.35	23.38	26.51	26.46	26.47		
35	1	186		23.65	23.61	23.57	23.51	23.47	23.51	26.59	26.55	26.55		
35	90	45		23.72	23.68	23.63	23.51	23.50	23.46	26.63	26.60	26.56		
35	1	0		20.71	20.63	20.58	20.39	20.42	20.39	23.56	23.54	23.50		
35	1	187		20.63	20.53	20.52	20.49	20.48	20.49	23.57	23.52	23.52		
35	180	0	16-QAM	22.18	22.22	22.14	21.97	22.03	21.96	25.09	25.14	25.06	26.20	0.4169
35	1	1		21.54	21.43	21.53	21.25	21.30	21.39	24.41	24.38	24.47		
35	1	1		20.05	20.01	19.90	19.69	19.74	19.74	22.88	22.89	22.83		
35	1	1	256-QAM	18.73	18.65	18.58	18.38	18.46	18.46	21.57	21.57	21.53		
BW	RB	RB	Mod	Antenna 2			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
40	1	1	PI/2 BPSK	24.10	23.98	23.91	23.67	23.74	23.77	26.90	26.87	26.85	28.78	0.7551
40	1	214		23.93	24.02	23.92	23.84	23.91	23.94	26.90	26.98	26.94		
40	108	54		23.93	23.85	24.13	23.81	23.86	23.94	26.88	26.87	27.05		
40	1	0		20.63	20.62	20.52	20.31	20.40	20.40	23.48	23.52	23.47		
40	1	215		20.63	20.49	20.48	20.45	20.46	20.47	23.55	23.49	23.49		
40	216	0		23.12	23.17	23.07	22.89	23.03	22.91	26.02	26.11	26.00		
40	1	1	QPSK	23.57	23.49	23.43	23.23	23.25	23.33	26.41	26.38	26.39		
40	1	214		23.64	23.52	23.41	23.44	23.33	23.49	26.55	26.44	26.46		
40	108	54		23.70	23.56	23.61	23.48	23.46	23.42	26.60	26.52	26.53		
40	1	0		20.70	20.60	20.60	20.35	20.40	20.41	23.54	23.51	23.52		
40	1	215		20.68	20.51	20.56	20.44	20.47	20.51	23.57	23.50	23.55		
40	216	0	16-QAM	22.14	22.16	22.09	21.91	22.02	21.95	25.04	25.10	25.03	27.11	0.5140
40	1	1		22.51	22.40	22.42	22.22	22.22	22.26	25.38	25.32	25.35		
40	1	1		21.01	21.00	20.81	20.64	20.71	20.72	23.84	23.87	23.78		
40	1	1	256-QAM	18.72	18.60	18.57	18.40	18.38	18.41	21.57	21.50	21.50		
Limit	EIRP < 2W			Result									Pass	



<NR n2 MIMO Ant 0+1>

NR n2 Maximum Average Power [dBm] (GT - LC = 0.32 dB)														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
5	1	1	PI/2 BPSK	24.43	24.33	24.19	24.03	24.30	24.09	27.24	27.33	27.15	27.65	0.5821
5	1	23		24.35	24.29	24.22	24.21	24.32	24.22	27.29	27.32	27.23		
5	12	6		24.18	24.06	24.06	23.90	24.09	24.00	27.05	27.09	27.04		
5	1	0		20.88	20.82	20.72	20.53	20.65	20.58	23.72	23.75	23.66		
5	1	24		20.81	20.84	20.73	20.49	20.70	20.63	23.66	23.78	23.69		
5	25	0		23.44	23.31	23.28	23.10	23.15	23.18	26.28	26.24	26.24		
5	1	1	QPSK	23.79	23.77	23.69	23.36	23.72	23.57	26.59	26.76	26.64		
5	1	23		23.66	23.74	23.74	23.42	23.76	23.69	26.55	26.76	26.73		
5	12	6		23.59	23.69	23.69	23.65	23.73	23.59	26.63	26.72	26.65		
5	1	0		20.89	20.84	20.76	20.59	20.67	20.63	23.75	23.77	23.71		
5	1	24		20.86	20.81	20.78	20.51	20.71	20.69	23.70	23.77	23.75		
5	25	0		22.47	22.38	22.37	22.12	22.21	22.25	25.31	25.31	25.32		
5	1	1	16-QAM	22.61	22.77	22.68	22.56	22.59	22.54	25.60	25.69	25.62	26.01	0.3990
5	1	1	64-QAM	21.17	21.24	21.10	21.28	21.04	20.93	24.24	24.15	24.03		
5	1	1	256-QAM	18.92	18.87	18.75	18.59	18.72	18.58	21.77	21.81	21.68		
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
10	1	1	PI/2 BPSK	24.51	24.25	24.36	24.09	24.25	24.07	27.32	27.26	27.23	27.64	0.5808
10	1	50		24.32	24.25	24.25	24.05	24.29	24.22	27.20	27.28	27.25		
10	25	12		24.40	24.22	24.21	23.98	24.23	24.04	27.21	27.24	27.14		
10	1	0		20.88	20.80	20.71	20.56	20.63	20.62	23.73	23.73	23.68		
10	1	51		20.80	20.83	20.76	20.60	20.72	20.70	23.71	23.79	23.74		
10	50	0		23.37	23.30	23.24	23.09	23.16	23.15	26.24	26.24	26.21		
10	1	1	QPSK	23.93	23.76	23.75	23.56	23.78	23.54	26.76	26.78	26.66		
10	1	50		23.82	23.74	23.75	23.55	23.74	23.71	26.70	26.75	26.74		
10	25	12		23.91	23.70	23.76	23.46	23.75	23.55	26.70	26.74	26.67		
10	1	0		20.92	20.88	20.74	20.63	20.70	20.63	23.79	23.80	23.70		
10	1	51		20.86	20.86	20.82	20.66	20.73	20.74	23.77	23.81	23.79		
10	50	0		22.44	22.36	22.29	22.14	22.21	22.17	25.30	25.30	25.24		
10	1	1	16-QAM	22.77	22.68	22.56	22.47	22.51	22.48	25.63	25.61	25.53	25.95	0.3936
10	1	1	64-QAM	21.35	21.29	21.17	20.96	21.04	20.96	24.17	24.18	24.08		
10	1	1	256-QAM	18.91	18.84	18.75	18.59	18.68	18.62	21.76	21.77	21.70		
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
15	1	1	PI/2 BPSK	24.48	24.32	24.39	24.12	24.27	24.17	27.31	27.31	27.29	27.63	0.5794
15	1	77		24.38	24.30	24.28	24.07	24.27	24.22	27.24	27.30	27.26		
15	36	18		24.34	24.21	24.23	23.99	24.22	24.04	27.18	27.23	27.15		
15	1	0		20.92	20.84	20.76	20.60	20.62	20.64	23.77	23.74	23.71		
15	1	78		20.83	20.85	20.74	20.61	20.71	20.68	23.73	23.79	23.72		
15	75	0		23.35	23.33	23.24	23.12	23.14	23.16	26.25	26.25	26.21		
15	1	1	QPSK	23.88	23.75	23.83	23.58	23.71	23.64	26.74	26.74	26.75		
15	1	77		23.83	23.79	23.71	23.60	23.74	23.71	26.73	26.78	26.72		
15	36	18		23.86	23.72	23.76	23.51	23.78	23.56	26.70	26.76	26.67		
15	1	0		20.94	20.86	20.81	20.70	20.66	20.69	23.83	23.77	23.76		
15	1	78		20.89	20.90	20.83	20.72	20.75	20.69	23.82	23.84	23.77		
15	75	0		22.39	22.38	22.30	22.15	22.20	22.19	25.28	25.30	25.26		
15	1	1	16-QAM	22.74	22.70	22.66	22.48	22.54	22.57	25.62	25.63	25.63	25.95	0.3936
15	1	1	64-QAM	21.51	21.25	21.17	21.12	20.93	20.98	24.33	24.10	24.09		
15	1	1	256-QAM	18.99	18.86	18.81	18.69	18.66	18.71	21.85	21.77	21.77		
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
20	1	1	PI/2 BPSK	24.48	24.29	24.39	24.11	24.15	24.22	27.31	27.23	27.32	27.64	0.5808
20	1	104		24.33	24.32	24.32	24.19	24.19	24.20	27.27	27.27	27.27		
20	50	25		24.37	24.31	24.40	24.11	24.31	24.12	27.25	27.32	27.27		
20	1	0		20.88	20.37	20.84	20.59	20.14	20.68	23.75	23.27	23.77		
20	1	105		20.86	20.82	20.80	20.62	20.68	20.66	23.75	23.76	23.74		
20	100	0		23.38	23.40	23.37	23.15	23.23	23.22	26.28	26.33	26.31		
20	1	1	QPSK	23.91	23.73	23.81	23.58	23.66	23.70	26.76	26.71	26.77		
20	1	104		23.76	23.81	23.74	23.69	23.71	23.68	26.74	26.77	26.72		
20	50	25		23.87	23.76	23.89	23.55	23.81	23.62	26.72	26.80	26.77		
20	1	0		20.90	20.86	20.87	20.66	20.67	20.74	23.79	23.78	23.82		
20	1	105		20.87	20.86	20.88	20.70	20.72	20.70	23.80	23.80	23.80		
20	100	0		22.38	22.40	22.38	22.19	22.22	22.21	25.30	25.32	25.31		
20	1	1	16-QAM	22.75	22.73	22.75	22.48	22.56	22.62	25.63	25.66	25.70	26.02	0.3999
20	1	1	64-QAM	21.36	21.29	21.19	20.95	20.97	21.02	24.17	24.14	24.12		
20	1	1	256-QAM	18.95	18.93	18.86	18.65	18.67	18.75	21.81	21.81	21.82		
Limit	EIRP < 2W			Result									Pass	



NR n2 Maximum Average Power [dBm] (GT - LC = 0.32 dB)																
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 1			Combine			EIRP (dBm)	EIRP (W)		
25	1	1	PI/2 BPSK	24.29	24.23	24.25	23.94	23.91	24.08	27.13	27.08	27.18	27.58	0.5728		
25	1	131		24.25	24.33	24.19	24.09	24.00	24.14	27.18	27.18	27.18				
25	64	32		24.27	24.25	24.40	24.05	24.18	24.09	27.17	27.23	27.26				
25	1	0		20.82	20.80	20.78	20.57	20.61	20.68	23.71	23.72	23.74				
25	1	132		20.81	20.74	20.69	20.65	20.65	20.62	23.74	23.71	23.67				
25	128	0		23.25	23.36	23.33	23.11	23.12	23.19	26.19	26.25	26.27				
25	1	1	QPSK	23.85	23.72	23.76	23.50	23.48	23.60	26.69	26.61	26.69			26.03	0.4009
25	1	131		23.72	23.75	23.64	23.60	23.54	23.64	26.67	26.66	26.65				
25	64	32		23.75	23.75	23.91	23.55	23.68	23.61	26.66	26.73	26.77				
25	1	0		20.85	20.79	20.86	20.61	20.62	20.69	23.74	23.72	23.79				
25	1	132		20.78	20.67	20.73	20.64	20.62	20.66	23.72	23.66	23.71				
25	128	0		22.30	22.40	22.48	22.13	22.15	22.26	25.23	25.29	25.38				
25	1	1	16-QAM	22.70	22.69	22.79	22.46	22.44	22.61	25.59	25.58	25.71	26.03	0.4009		
25	1	1	64-QAM	21.26	21.17	21.19	20.94	20.84	21.06	24.11	24.02	24.14				
25	1	1	256-QAM	18.86	18.79	18.87	18.58	18.57	18.70	21.73	21.69	21.80				
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 1			Combine			EIRP (dBm)	EIRP (W)		
30	1	1	PI/2 BPSK	24.32	24.28	24.31	23.97	23.96	24.19	27.16	27.13	27.26	27.58	0.5728		
30	1	158		24.28	24.44	24.27	24.20	24.06	24.21	27.25	27.26	27.25				
30	80	40		24.29	24.26	24.37	24.10	24.17	24.08	27.21	27.23	27.24				
30	1	0		20.82	20.81	20.92	20.57	20.58	20.72	23.71	23.71	23.83				
30	1	159		20.91	20.76	20.70	20.73	20.62	20.68	23.83	23.70	23.70				
30	160	0		23.32	23.39	23.32	23.11	23.19	23.21	26.23	26.30	26.28				
30	1	1	QPSK	23.89	23.69	23.81	23.51	23.49	23.71	26.71	26.60	26.77			26.26	0.4227
30	1	158		23.79	23.85	23.70	23.69	23.54	23.72	26.75	26.71	26.72				
30	80	40		23.79	23.76	23.90	23.61	23.64	23.62	26.71	26.71	26.77				
30	1	0		20.83	20.83	20.91	20.61	20.63	20.70	23.73	23.74	23.82				
30	1	159		20.90	20.79	20.71	20.70	20.69	20.74	23.81	23.75	23.74				
30	160	0		22.30	22.38	22.38	22.12	22.19	22.22	25.22	25.30	25.31				
30	1	1	16-QAM	23.06	22.70	22.77	22.79	22.51	22.59	25.94	25.62	25.69	26.26	0.4227		
30	1	1	64-QAM	21.27	21.17	21.28	20.91	20.90	21.06	24.10	24.05	24.18				
30	1	1	256-QAM	18.89	18.87	18.91	18.62	18.60	18.73	21.77	21.75	21.83				
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 1			Combine			EIRP (dBm)	EIRP (W)		
35	1	1	PI/2 BPSK	24.28	24.24	24.19	23.93	23.92	24.06	27.12	27.09	27.14	27.53	0.5662		
35	1	186		24.20	24.35	24.17	24.14	23.96	24.14	27.18	27.17	27.17				
35	90	45		24.23	24.24	24.29	24.07	24.16	24.10	27.16	27.21	27.21				
35	1	0		20.77	20.73	20.78	20.53	20.54	20.58	23.66	23.65	23.69				
35	1	187		20.77	20.73	20.65	20.67	20.60	20.62	23.73	23.68	23.65				
35	180	0		23.24	23.38	23.26	23.10	23.14	23.12	26.18	26.27	26.20				
35	1	1	QPSK	23.81	23.60	23.67	23.44	23.45	23.53	26.64	26.54	26.61			25.91	0.3899
35	1	186		23.69	23.87	23.61	23.66	23.46	23.61	26.69	26.68	26.62				
35	90	45		23.72	23.72	23.80	23.58	23.63	23.60	26.66	26.69	26.71				
35	1	0		20.78	20.74	20.80	20.57	20.51	20.64	23.69	23.64	23.73				
35	1	187		20.84	20.72	20.70	20.70	20.61	20.68	23.78	23.68	23.70				
35	180	0		22.29	22.38	22.34	22.14	22.17	22.18	25.23	25.29	25.27				
35	1	1	16-QAM	22.64	22.67	22.66	22.44	22.46	22.50	25.55	25.58	25.59	25.91	0.3899		
35	1	1	64-QAM	21.18	21.09	21.17	20.86	20.84	20.96	24.03	23.98	24.08				
35	1	1	256-QAM	18.79	18.79	18.79	18.53	18.54	18.63	21.67	21.68	21.72				
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 1			Combine			EIRP (dBm)	EIRP (W)		
40	1	1	PI/2 BPSK	24.22	24.31	24.14	23.90	23.92	23.98	27.07	27.13	27.07	27.59	0.5741		
40	1	214		24.29	24.33	24.20	24.06	23.95	24.14	27.19	27.15	27.18				
40	108	54		24.20	24.24	24.34	24.12	24.16	24.18	27.17	27.21	27.27				
40	1	0		20.77	20.73	20.76	20.53	20.50	20.51	23.66	23.63	23.65				
40	1	215		20.75	20.72	20.66	20.65	20.56	20.63	23.71	23.65	23.66				
40	216	0		23.23	23.34	23.29	23.08	23.14	23.12	26.17	26.25	26.22				
40	1	1	QPSK	23.73	23.68	23.61	23.45	23.43	23.53	26.60	26.57	26.58			25.91	0.3899
40	1	214		23.63	23.82	23.55	23.59	23.43	23.58	26.62	26.64	26.58				
40	108	54		23.71	23.77	23.84	23.63	23.66	23.67	26.68	26.73	26.77				
40	1	0		20.80	20.74	20.81	20.60	20.54	20.65	23.71	23.65	23.74				
40	1	215		20.86	20.70	20.70	20.73	20.59	20.66	23.81	23.66	23.69				
40	216	0		22.27	22.37	22.30	22.12	22.19	22.15	25.21	25.29	25.24				
40	1	1	16-QAM	22.62	22.65	22.65	22.43	22.42	22.51	25.54	25.55	25.59	25.91	0.3899		
40	1	1	64-QAM	21.17	21.05	21.15	20.85	20.86	20.93	24.02	23.97	24.05				
40	1	1	256-QAM	18.81	18.76	18.83	18.58	18.53	18.64	21.71	21.66	21.75				
Limit	EIRP < 2W			Result									Pass			



<NR n2 MIMO Ant 0+5>

NR n2 Maximum Average Power [dBm] (GT - LC = 1.78 dB)																
BW	RB	RB	Mod	Antenna 0			Antenna 5			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
5	1	1	PI/2 BPSK	24.40	24.15	24.18	23.93	24.06	23.98	27.18	27.12	27.09	28.96	0.7870		
5	1	23		24.41	24.14	24.15	23.88	24.11	24.08	27.16	27.14	27.13				
5	12	6		24.29	24.01	24.04	23.77	23.92	23.90	27.05	26.98	26.98				
5	1	0		20.85	20.81	20.79	20.46	20.54	20.57	23.67	23.69	23.69				
5	1	24		20.85	20.75	20.75	20.43	20.57	20.58	23.66	23.67	23.68				
5	25	0		23.44	23.33	23.29	23.01	23.07	23.14	26.24	26.21	26.23				
5	1	1	QPSK	23.91	23.71	23.65	23.47	23.60	23.47	26.71	26.67	26.57			28.96	0.7870
5	1	23		23.88	23.67	23.70	23.38	23.60	23.60	26.65	26.65	26.66				
5	12	6		23.93	23.64	23.66	23.38	23.60	23.53	26.67	26.63	26.61				
5	1	0		20.90	20.81	20.75	20.49	20.58	20.55	23.71	23.71	23.66				
5	1	24		20.87	20.76	20.78	20.43	20.58	20.64	23.67	23.68	23.72				
5	25	0		22.50	22.32	22.33	22.05	22.07	22.17	25.29	25.21	25.26				
5	1	1	16-QAM	22.75	22.68	22.61	22.35	22.41	22.41	25.56	25.56	25.52	27.34	0.5420		
5	1	1	64-QAM	21.33	21.22	21.13	20.83	20.92	20.88	24.10	24.08	24.02				
5	1	1	256-QAM	18.96	18.86	18.79	18.55	18.60	18.58	21.77	21.74	21.70				
BW	RB	RB	Mod	Antenna 0			Antenna 5			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
10	1	1	PI/2 BPSK	24.43	24.19	24.26	24.00	24.08	23.97	27.23	27.15	27.13	29.01	0.7962		
10	1	50		24.38	24.18	24.19	23.97	24.08	24.15	27.19	27.14	27.18				
10	25	12		24.45	24.18	24.22	23.96	24.09	24.02	27.22	27.15	27.13				
10	1	0		20.98	20.91	20.78	20.62	20.61	20.61	23.81	23.77	23.71				
10	1	51		20.83	20.80	20.81	20.59	20.61	20.69	23.72	23.72	23.76				
10	50	0		23.48	23.32	23.28	23.13	23.07	23.14	26.32	26.21	26.22				
10	1	1	QPSK	24.05	23.68	23.74	23.57	23.61	23.50	26.83	26.66	26.63			29.01	0.7962
10	1	50		23.88	23.71	23.72	23.52	23.64	23.65	26.71	26.69	26.70				
10	25	12		23.98	23.67	23.79	23.48	23.62	23.53	26.75	26.66	26.67				
10	1	0		21.02	20.85	20.74	20.66	20.59	20.63	23.85	23.73	23.70				
10	1	51		20.90	20.82	20.86	20.65	20.63	20.71	23.79	23.74	23.80				
10	50	0		22.49	22.31	22.30	22.14	22.08	22.12	25.33	25.21	25.22				
10	1	1	16-QAM	22.81	22.68	22.57	22.47	22.44	22.47	25.65	25.57	25.53	27.43	0.5534		
10	1	1	64-QAM	21.41	21.21	21.20	20.96	20.86	20.94	24.20	24.05	24.08				
10	1	1	256-QAM	19.04	18.88	18.78	18.67	18.62	18.62	21.87	21.76	21.71				
BW	RB	RB	Mod	Antenna 0			Antenna 5			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
15	1	1	PI/2 BPSK	24.45	24.21	24.41	24.03	24.12	24.04	27.26	27.18	27.24	29.04	0.8017		
15	1	77		24.35	24.23	24.18	23.99	24.12	24.10	27.18	27.19	27.15				
15	36	18		24.39	24.18	24.21	23.93	24.10	23.92	27.18	27.15	27.08				
15	1	0		20.99	20.88	20.74	20.58	20.59	20.54	23.80	23.75	23.65				
15	1	78		20.90	20.84	20.79	20.60	20.64	20.60	23.76	23.75	23.71				
15	75	0		23.42	23.32	23.20	23.10	23.07	23.05	26.27	26.21	26.14				
15	1	1	QPSK	23.91	23.69	23.70	23.50	23.60	23.44	26.72	26.66	26.58			29.04	0.8017
15	1	77		23.88	23.75	23.64	23.59	23.60	23.62	26.75	26.69	26.64				
15	36	18		23.93	23.69	23.77	23.48	23.63	23.48	26.72	26.67	26.64				
15	1	0		20.98	20.84	20.78	20.64	20.60	20.59	23.82	23.73	23.70				
15	1	78		20.92	20.83	20.84	20.62	20.64	20.61	23.78	23.75	23.74				
15	75	0		22.43	22.36	22.26	22.10	22.10	22.08	25.28	25.24	25.18				
15	1	1	16-QAM	22.85	22.71	22.63	22.45	22.46	22.41	25.66	25.60	25.53	27.44	0.5546		
15	1	1	64-QAM	21.42	21.25	21.13	20.92	20.89	20.87	24.19	24.08	24.01				
15	1	1	256-QAM	19.05	18.88	18.81	18.65	18.59	18.60	21.86	21.75	21.72				
BW	RB	RB	Mod	Antenna 0			Antenna 5			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
20	1	1	PI/2 BPSK	24.42	24.19	24.19	23.97	24.04	24.05	27.21	27.13	27.13	29.02	0.7980		
20	1	104		24.25	24.21	24.16	24.05	24.08	24.08	27.16	27.16	27.13				
20	50	25		24.42	24.27	24.33	24.02	24.19	24.02	27.23	27.24	27.19				
20	1	0		20.99	20.89	20.75	20.56	20.59	20.61	23.79	23.75	23.69				
20	1	105		20.94	20.80	20.80	20.61	20.61	20.68	23.79	23.72	23.75				
20	100	0		23.45	23.37	23.35	23.10	23.12	23.13	26.29	26.26	26.25				
20	1	1	QPSK	23.86	23.67	23.62	23.44	23.53	23.49	26.67	26.61	26.57			29.02	0.7980
20	1	104		23.75	23.73	23.64	23.56	23.60	23.60	26.67	26.68	26.63				
20	50	25		23.88	23.69	23.78	23.49	23.66	23.52	26.70	26.69	26.66				
20	1	0		20.97	20.83	20.77	20.58	20.57	20.61	23.79	23.71	23.70				
20	1	105		20.85	20.84	20.81	20.57	20.66	20.64	23.72	23.76	23.74				
20	100	0		22.43	22.34	22.32	22.10	22.09	22.12	25.28	25.23	25.23				
20	1	1	16-QAM	22.76	22.70	22.66	22.38	22.43	22.46	25.58	25.58	25.57	27.36	0.5445		
20	1	1	64-QAM	21.37	21.25	21.04	20.86	20.90	20.92	24.13	24.09	23.99				
20	1	1	256-QAM	19.03	18.95	18.79	18.61	18.65	18.69	21.84	21.81	21.75				
Limit	EIRP < 2W			Result									Pass			



NR n2 Maximum Average Power [dBm] (GT - LC = 1.78 dB)														
BW	RB	RB	Mod	Antenna 0			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
25	1	1	PI/2 BPSK	24.30	24.21	24.22	23.80	23.87	24.00	27.07	27.05	27.12	28.93	0.7816
25	1	131		24.15	24.16	24.05	23.87	23.88	24.04	27.02	27.03	27.06		
25	64	32		24.26	24.19	24.30	23.93	24.05	23.97	27.11	27.13	27.15		
25	1	0		20.87	20.80	20.73	20.50	20.57	20.58	23.70	23.70	23.67		
25	1	132		20.84	20.67	20.66	20.53	20.53	20.61	23.70	23.61	23.65		
25	128	0		23.28	23.38	23.29	23.00	23.05	23.12	26.15	26.23	26.22		
25	1	1	QPSK	23.74	23.71	23.61	23.29	23.39	23.46	26.53	26.56	26.55		
25	1	131		23.63	23.58	23.55	23.40	23.42	23.56	26.53	26.51	26.57		
25	64	32		23.77	23.70	23.81	23.45	23.54	23.49	26.62	26.63	26.66		
25	1	0		20.88	20.81	20.78	20.49	20.51	20.55	23.70	23.67	23.68		
25	1	132		20.72	20.76	20.77	20.46	20.55	20.63	23.60	23.67	23.71		
25	128	0	16-QAM	22.34	22.39	22.38	22.02	22.06	22.16	25.19	25.24	25.28	27.35	0.5433
25	1	1		22.71	22.70	22.64	22.34	22.47	22.47	25.54	25.53	25.57		
25	1	1		64-QAM	21.24	21.14	21.05	20.82	20.83	20.91	24.05	24.00	23.99	
25	1	1	256-QAM	18.95	18.82	18.70	18.52	18.54	18.54	21.75	21.69	21.63		
BW	RB	RB	Mod	Antenna 0			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
30	1	1	PI/2 BPSK	24.46	24.24	24.15	23.91	23.89	24.00	27.20	27.08	27.09	28.98	0.7907
30	1	158		24.19	24.27	24.12	24.01	23.89	24.09	27.11	27.09	27.12		
30	80	40		24.28	24.17	24.26	24.02	24.00	23.98	27.16	27.10	27.13		
30	1	0		20.91	20.81	20.92	20.55	20.57	20.64	23.74	23.70	23.79		
30	1	159		20.95	20.69	20.64	20.67	20.54	20.63	23.82	23.63	23.65		
30	160	0		23.35	23.36	23.26	23.07	23.11	23.13	26.22	26.25	26.21		
30	1	1	QPSK	23.86	23.67	23.64	23.44	23.42	23.50	26.67	26.56	26.58		
30	1	158		23.66	23.77	23.57	23.53	23.43	23.60	26.61	26.61	26.60		
30	80	40		23.76	23.64	23.81	23.53	23.48	23.53	26.66	26.57	26.68		
30	1	0		20.93	20.84	20.82	20.59	20.51	20.60	23.77	23.69	23.72		
30	1	159		20.84	20.75	20.63	20.59	20.53	20.67	23.73	23.65	23.66		
30	160	0	16-QAM	22.35	22.32	22.25	22.07	22.09	22.13	25.22	25.22	25.20	27.37	0.5458
30	1	1		22.76	22.70	22.67	22.39	22.38	22.46	25.59	25.55	25.58		
30	1	1		64-QAM	21.28	21.12	21.24	20.84	20.82	20.90	24.08	23.98	24.08	
30	1	1	256-QAM	18.99	18.87	18.88	18.57	18.56	18.63	21.80	21.73	21.77		
BW	RB	RB	Mod	Antenna 0			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
35	1	1	PI/2 BPSK	24.32	24.15	24.06	23.81	23.81	23.84	27.08	26.99	26.96	28.87	0.7709
35	1	186		24.07	24.23	24.01	23.91	23.81	23.95	27.00	27.04	26.99		
35	90	45		24.19	24.16	24.15	23.94	23.99	23.90	27.08	27.09	27.04		
35	1	0		20.81	20.77	20.65	20.45	20.47	20.43	23.64	23.63	23.55		
35	1	187		20.70	20.67	20.62	20.53	20.49	20.54	23.63	23.59	23.59		
35	180	0		23.23	23.35	23.20	22.99	23.05	23.00	26.12	26.21	26.11		
35	1	1	QPSK	23.80	23.67	23.49	23.33	23.38	23.35	26.58	26.54	26.43		
35	1	186		23.60	23.73	23.51	23.44	23.34	23.50	26.53	26.55	26.52		
35	90	45		23.71	23.66	23.66	23.46	23.49	23.41	26.60	26.59	26.55		
35	1	0		20.83	20.78	20.68	20.46	20.45	20.42	23.66	23.63	23.56		
35	1	187		20.72	20.69	20.68	20.50	20.50	20.53	23.62	23.61	23.62		
35	180	0	16-QAM	22.27	22.34	22.24	22.00	22.07	22.01	25.15	25.22	25.14	27.29	0.5358
35	1	1		22.68	22.65	22.54	22.29	22.34	22.33	25.50	25.51	25.45		
35	1	1		64-QAM	21.20	21.08	21.09	20.76	20.76	20.79	24.00	23.93	23.95	
35	1	1	256-QAM	18.90	18.84	18.75	18.48	18.51	18.51	21.71	21.69	21.64		
BW	RB	RB	Mod	Antenna 0			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
40	1	1	PI/2 BPSK	24.23	24.20	24.03	23.75	23.78	23.82	27.01	27.01	26.94	28.88	0.7727
40	1	214		24.09	24.22	24.04	23.83	23.79	23.97	26.97	27.02	27.02		
40	108	54		24.17	24.18	24.20	23.98	24.00	23.98	27.09	27.10	27.10		
40	1	0		20.86	20.80	20.71	20.47	20.48	20.49	23.68	23.65	23.61		
40	1	215		20.72	20.63	20.61	20.49	20.49	20.55	23.62	23.57	23.59		
40	216	0	QPSK	23.25	23.28	23.18	22.96	23.06	23.00	26.12	26.18	26.10		
40	1	1		23.77	23.67	23.56	23.33	23.33	23.39	26.57	26.51	26.49		
40	1	214		23.61	23.68	23.52	23.38	23.35	23.52	26.51	26.53	26.53		
40	108	54		23.66	23.66	23.73	23.47	23.49	23.47	26.58	26.59	26.61		
40	1	0		20.83	20.81	20.73	20.44	20.42	20.48	23.65	23.63	23.62		
40	1	215	16-QAM	20.74	20.68	20.66	20.47	20.49	20.53	23.62	23.60	23.61	27.24	0.5297
40	1	1		22.25	22.30	22.21	21.98	22.06	22.01	25.13	25.19	25.12		
40	1	1		64-QAM	22.60	22.61	22.57	22.28	22.29	22.32	25.45	25.46	25.46	
40	1	1	256-QAM	21.20	21.10	21.04	20.70	20.75	20.79	23.97	23.94	23.93		
40	1	1		18.91	18.85	18.79	18.49	18.48	18.51	21.72	21.68	21.66		
Limit	EIRP < 2W			Result									Pass	

<NR n5 SISO Ant 0>

NR n5 Maximum Average Power [dBm] (GT - LC = -4.8 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
5	1	1	PI/2 BPSK	24.30	24.35	24.33	17.42	0.0552		
5	1	23		24.31	24.35	24.37				
5	12	6		24.06	24.15	24.11				
5	1	0		23.78	23.82	23.79				
5	1	24		23.80	23.84	23.79				
5	25	0		23.70	23.76	23.82				
5	1	1	QPSK	24.22	24.30	24.25				
5	1	23		24.27	24.36	24.36				
5	12	6		24.22	24.28	24.26				
5	1	0		23.29	23.38	23.32				
5	1	24		23.30	23.31	23.40				
5	25	0		23.28	23.31	23.32				
5	1	1	16-QAM	23.19	23.25	23.39	16.44	0.0441		
5	1	1	64-QAM	21.73	21.82	21.80				
5	1	1	256-QAM	19.60	19.58	19.67				
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
10	1	1	PI/2 BPSK	24.29	24.17	24.18	17.35	0.0543		
10	1	50		24.30	24.20	24.22				
10	25	12		24.21	24.23	24.18				
10	1	0		23.80	23.71	23.69				
10	1	51		23.81	23.72	23.74				
10	50	0		23.67	23.76	23.74				
10	1	1	QPSK	24.22	24.24	24.21				
10	1	50		24.19	24.20	24.26				
10	25	12		24.22	24.27	24.23				
10	1	0		23.16	23.23	23.19				
10	1	51		23.22	23.23	23.25				
10	50	0		23.21	23.27	23.25				
10	1	1	16-QAM	23.19	23.22	23.22	16.27	0.0424		
10	1	1	64-QAM	21.70	21.79	21.80				
10	1	1	256-QAM	19.55	19.59	19.59				
Limit	ERP < 7W			Result			Pass			



NR n5 Maximum Average Power [dBm] (GT - LC = -4.8 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
15	1	1	PI/2 BPSK	24.29	24.41	24.29	17.46	0.0557		
15	1	77		24.36	24.34	24.22				
15	36	18		24.13	24.20	24.21				
15	1	0		23.77	23.95	23.74				
15	1	78		23.89	23.87	23.77				
15	75	0		23.69	23.77	23.68				
15	1	1	QPSK	24.21	24.35	24.27				
15	1	77		24.31	24.30	24.28				
15	36	18		24.17	24.24	24.18				
15	1	0		23.24	23.40	23.31				
15	1	78		23.33	23.33	23.28				
15	75	0		23.20	23.25	23.25				
15	1	1	16-QAM	23.20	23.35	23.41	16.46	0.0443		
15	1	1	64-QAM	21.75	21.92	21.97				
15	1	1	256-QAM	19.55	19.63	19.54				
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
20	1	1	PI/2 BPSK	24.25	24.20	24.25	17.34	0.0542		
20	1	104		24.27	24.23	24.23				
20	50	25		24.15	24.26	24.26				
20	1	0		23.76	23.72	23.78				
20	1	105		23.79	23.74	23.77				
20	100	0		23.74	23.74	23.75				
20	1	1	QPSK	24.19	24.22	24.29				
20	1	104		24.24	24.23	24.26				
20	50	25		24.15	24.26	24.26				
20	1	0		23.22	23.24	23.30				
20	1	105		23.27	23.32	23.38				
20	100	0		23.20	23.28	23.26				
20	1	1	16-QAM	23.14	23.24	23.41	16.46	0.0443		
20	1	1	64-QAM	21.67	21.75	21.85				
20	1	1	256-QAM	19.52	19.54	19.53				
Limit	ERP < 7W			Result			Pass			

<NR n5 SISO Ant 1>

NR n5 Maximum Average Power [dBm] (GT - LC = -6.3 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
5	1	1	PI/2 BPSK	23.96	24.07	24.24	15.90	0.0389		
5	1	23		23.96	24.05	24.35				
5	12	6		23.66	23.85	24.06				
5	1	0		23.44	23.38	23.66				
5	1	24		23.46	23.57	23.87				
5	25	0		23.35	23.43	23.77				
5	1	1	QPSK	23.79	23.93	24.16				
5	1	23		23.85	23.96	24.27				
5	12	6		23.82	23.94	24.21				
5	1	0		22.80	22.92	23.10				
5	1	24		22.81	23.01	23.26				
5	25	0		22.86	22.99	23.29				
5	1	1	16-QAM	22.79	22.91	23.23	14.78	0.0301		
5	1	1	64-QAM	21.32	21.36	21.70				
5	1	1	256-QAM	19.12	19.18	19.46				
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
10	1	1	PI/2 BPSK	23.96	23.94	23.95	15.81	0.0381		
10	1	50		23.96	24.07	24.26				
10	25	12		23.81	23.93	24.08				
10	1	0		23.34	23.48	23.59				
10	1	51		23.46	23.59	23.85				
10	50	0		23.31	23.45	23.62				
10	1	1	QPSK	23.79	23.87	23.91				
10	1	50		23.84	23.98	24.24				
10	25	12		23.80	23.97	24.12				
10	1	0		22.82	22.85	22.93				
10	1	51		22.87	22.96	23.25				
10	50	0		22.83	23.03	23.15				
10	1	1	16-QAM	22.86	22.86	23.04	14.59	0.0288		
10	1	1	64-QAM	21.28	21.40	21.59				
10	1	1	256-QAM	19.11	19.13	19.38				
Limit	ERP < 7W			Result			Pass			



NR n5 Maximum Average Power [dBm] (GT - LC = -6.3 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
15	1	1	PI/2 BPSK	23.94	24.02	24.02	15.93	0.0392		
15	1	77		24.09	24.18	24.38				
15	36	18		23.76	23.83	24.03				
15	1	0		23.35	23.38	23.40				
15	1	78		23.49	23.73	23.91				
15	75	0		23.39	23.43	23.53				
15	1	1	QPSK	23.81	23.91	23.90				
15	1	77		23.96	24.06	24.27				
15	36	18		23.80	23.89	24.02				
15	1	0		22.85	22.86	22.91				
15	1	78		23.01	23.13	23.30				
15	75	0		22.83	22.98	23.07				
15	1	1	16-QAM	22.83	22.89	22.86	14.44	0.0278		
15	1	1	64-QAM	21.34	21.45	21.52				
15	1	1	256-QAM	19.12	19.18	19.21				
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
20	1	1	PI/2 BPSK	23.91	23.92	24.02	15.94	0.0393		
20	1	104		24.21	24.35	24.39				
20	50	25		23.89	23.93	23.96				
20	1	0		23.36	23.32	23.40				
20	1	105		23.72	23.84	23.91				
20	100	0		23.46	23.51	23.50				
20	1	1	QPSK	23.78	23.74	23.86				
20	1	104		24.08	24.18	24.21				
20	50	25		23.87	23.92	23.97				
20	1	0		22.79	22.79	22.89				
20	1	105		23.08	23.24	23.26				
20	100	0		22.90	22.93	23.04				
20	1	1	16-QAM	22.78	22.81	22.92	14.47	0.0280		
20	1	1	64-QAM	21.36	21.39	21.52				
20	1	1	256-QAM	19.07	19.03	19.16				
Limit	ERP < 7W			Result			Pass			



<NR n25 SISO Ant 2>

NR n25 Maximum Average Power [dBm] (GT - LC = -0.3 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
5	1	1	PI/2 BPSK	23.79	23.89	23.89	23.70	0.2344		
5	1	23		23.89	23.85	23.99				
5	12	6		23.65	23.69	23.70				
5	1	0		23.26	23.32	23.28				
5	1	24		23.36	23.36	23.45				
5	25	0		23.32	23.33	23.36				
5	1	1	QPSK	23.87	23.87	23.94				
5	1	23		23.88	23.87	24.00				
5	12	6		23.80	23.80	23.84				
5	1	0		23.05	22.98	23.02				
5	1	24		22.97	23.02	23.02				
5	25	0		23.00	23.00	23.00				
5	1	1	16-QAM	23.11	22.99	23.14	22.84	0.1923		
5	1	1	64-QAM	21.59	21.56	21.40				
5	1	1	256-QAM	19.57	19.42	19.62				
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK	23.89	23.84	23.79	23.72	0.2355		
10	1	50		23.94	23.78	24.02				
10	25	12		23.87	23.77	23.79				
10	1	0		23.34	23.41	23.32				
10	1	51		23.37	23.32	23.46				
10	50	0		23.43	23.33	23.26				
10	1	1	QPSK	23.93	23.90	23.82				
10	1	50		23.95	23.82	23.97				
10	25	12		23.84	23.80	23.85				
10	1	0		23.13	22.98	22.89				
10	1	51		23.13	23.06	23.13				
10	50	0		23.02	22.99	22.91				
10	1	1	16-QAM	23.21	23.04	22.97	22.91	0.1954		
10	1	1	64-QAM	21.72	21.55	21.47				
10	1	1	256-QAM	19.71	19.49	19.35				
Limit	EIRP < 2W			Result			Pass			



NR n25 Maximum Average Power [dBm] (GT - LC = -0.3 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
15	1	1	PI/2 BPSK	23.88	23.82	23.81	23.74	0.2366		
15	1	77		23.76	23.71	24.04				
15	36	18		23.76	23.74	23.70				
15	1	0		23.31	23.32	23.28				
15	1	78		23.25	23.27	23.46				
15	75	0		23.40	23.33	23.29				
15	1	1	QPSK	23.96	23.92	23.83				
15	1	77		23.88	23.85	24.03				
15	36	18		23.83	23.77	23.76				
15	1	0		23.13	22.97	22.96				
15	1	78		23.08	23.03	23.14				
15	75	0		23.00	22.89	22.87				
15	1	1	16-QAM	23.13	23.02	23.00	22.83	0.1919		
15	1	1	64-QAM	21.65	21.56	21.48				
15	1	1	256-QAM	19.66	19.52	19.47				
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
20	1	1	PI/2 BPSK	23.87	23.81	23.80	23.82	0.2410		
20	1	104		23.75	23.74	24.12				
20	50	25		23.82	23.81	23.78				
20	1	0		23.31	23.30	23.31				
20	1	105		23.23	23.18	23.52				
20	100	0		23.39	23.37	23.37				
20	1	1	QPSK	23.91	23.89	23.87				
20	1	104		23.90	23.83	24.05				
20	50	25		23.82	23.79	23.78				
20	1	0		23.11	23.00	23.02				
20	1	105		23.09	22.96	23.15				
20	100	0		23.02	22.93	22.95				
20	1	1	16-QAM	23.11	23.17	23.10	22.87	0.1936		
20	1	1	64-QAM	21.59	21.56	21.53				
20	1	1	256-QAM	19.60	19.59	19.58				
Limit	EIRP < 2W			Result			Pass			



NR n25 Maximum Average Power [dBm] (GT - LC = -0.3 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
25	1	1	PI/2 BPSK	23.81	23.68	23.64	23.66	0.2323		
25	1	131		23.78	23.69	23.96				
25	64	32		23.87	23.82	23.76				
25	1	0		23.28	23.20	23.17				
25	1	132		23.21	23.12	23.41				
25	128	0		23.25	23.28	23.35				
25	1	1	QPSK	23.89	23.82	23.79				
25	1	131		23.87	23.79	23.93				
25	64	32		23.84	23.85	23.74				
25	1	0		22.84	22.86	22.89				
25	1	132		22.91	22.82	22.92				
25	128	0		22.85	22.90	22.89				
25	1	1	16-QAM	22.94	23.07	23.09	22.79	0.1901		
25	1	1	64-QAM	21.42	21.48	21.50				
25	1	1	256-QAM	19.37	19.49	19.49				
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
30	1	1	PI/2 BPSK	23.97	23.73	23.84	23.75	0.2371		
30	1	158		23.92	23.81	24.05				
30	80	40		23.91	23.85	23.84				
30	1	0		23.45	23.29	23.34				
30	1	159		23.46	23.22	23.50				
30	160	0		23.43	23.39	23.38				
30	1	1	QPSK	23.98	23.90	23.86				
30	1	158		23.98	23.83	24.00				
30	80	40		23.92	23.87	23.79				
30	1	0		22.94	22.90	22.91				
30	1	159		23.00	22.80	22.93				
30	160	0		23.02	22.90	22.83				
30	1	1	16-QAM	23.01	23.01	22.87	22.71	0.1866		
30	1	1	64-QAM	21.40	21.49	21.44				
30	1	1	256-QAM	19.45	19.41	19.28				
Limit	EIRP < 2W			Result			Pass			



NR n25 Maximum Average Power [dBm] (GT - LC = -0.3 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
35	1	1	PI/2 BPSK	23.84	23.69	23.79	23.73	0.2360		
35	1	186		23.88	23.66	24.01				
35	90	45		23.91	23.86	23.86				
35	1	0		22.80	23.14	23.31				
35	1	187		22.77	23.12	23.47				
35	180	0		23.30	23.31	23.41				
35	1	1	QPSK	23.94	23.65	23.88				
35	1	186		23.86	23.70	24.03				
35	90	45		23.91	23.90	23.79				
35	1	0		22.85	22.81	22.89				
35	1	187		22.90	22.72	22.93				
35	180	0		22.87	22.84	22.83				
35	1	1	16-QAM	22.99	22.98	22.89	22.69	0.1858		
35	1	1	64-QAM	21.44	21.46	21.46				
35	1	1	256-QAM	19.32	19.36	19.30				
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
40	1	1	PI/2 BPSK	23.83	23.67	23.82	23.74	0.2366		
40	1	214		23.69	23.68	24.04				
40	108	54		23.84	23.85	23.86				
40	1	0		23.31	23.22	23.31				
40	1	215		23.22	23.16	23.56				
40	216	0		23.32	23.28	23.36				
40	1	1	QPSK	23.87	23.81	23.89				
40	1	214		23.79	23.69	24.01				
40	108	54		23.89	23.86	23.87				
40	1	0		22.82	22.73	22.86				
40	1	215		22.83	22.77	22.95				
40	216	0		22.87	22.85	22.87				
40	1	1	16-QAM	22.86	22.95	22.79	22.65	0.1841		
40	1	1	64-QAM	21.35	21.41	21.47				
40	1	1	256-QAM	19.29	19.26	19.40				
Limit	EIRP < 2W			Result			Pass			



<NR n25 SISO Ant 0>

NR n25 Maximum Average Power [dBm] (GT - LC = -0.2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
5	1	1	PI/2 BPSK	23.90	23.98	23.98	23.78	0.2388		
5	1	23		23.90	23.87	23.92				
5	12	6		23.77	23.79	23.76				
5	1	0		23.34	23.44	23.30				
5	1	24		23.45	23.26	23.40				
5	25	0		23.44	23.44	23.35				
5	1	1	QPSK	23.81	23.92	23.78				
5	1	23		23.83	23.81	23.81				
5	12	6		23.84	23.91	23.86				
5	1	0		23.03	23.02	22.87				
5	1	24		22.97	22.94	22.97				
5	25	0		23.11	23.12	23.00				
5	1	1	16-QAM	23.17	23.24	23.13	23.04	0.2014		
5	1	1	64-QAM	21.70	21.72	21.44				
5	1	1	256-QAM	19.56	19.59	19.69				
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK	23.93	24.09	23.80	23.89	0.2449		
10	1	50		23.90	23.92	24.00				
10	25	12		23.89	23.95	23.84				
10	1	0		23.41	23.45	23.26				
10	1	51		23.41	23.36	23.51				
10	50	0		23.48	23.44	23.32				
10	1	1	QPSK	23.83	23.97	23.70				
10	1	50		23.79	23.80	23.86				
10	25	12		23.90	23.94	23.91				
10	1	0		23.04	23.07	22.78				
10	1	51		22.91	22.99	22.95				
10	50	0		23.10	23.13	23.00				
10	1	1	16-QAM	23.20	23.13	23.16	23.00	0.1995		
10	1	1	64-QAM	21.73	21.67	21.54				
10	1	1	256-QAM	19.55	19.53	19.52				
Limit	EIRP < 2W			Result			Pass			



NR n25 Maximum Average Power [dBm] (GT - LC = -0.2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
15	1	1	PI/2 BPSK	23.94	23.99	23.87	23.86	0.2432		
15	1	77		23.90	23.91	23.94				
15	36	18		23.86	23.92	23.76				
15	1	0		23.41	23.46	23.38				
15	1	78		23.34	23.44	23.45				
15	75	0		23.43	23.43	23.28				
15	1	1	QPSK	23.87	24.06	23.86				
15	1	77		23.81	23.94	23.95				
15	36	18		23.91	23.96	23.81				
15	1	0		23.04	23.14	22.98				
15	1	78		22.96	22.98	23.01				
15	75	0		23.05	23.06	22.96				
15	1	1	16-QAM	23.26	23.16	23.06	23.06	0.2023		
15	1	1	64-QAM	21.70	21.74	21.54				
15	1	1	256-QAM	19.59	19.55	19.33				
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
20	1	1	PI/2 BPSK	23.95	24.04	23.83	23.84	0.2421		
20	1	104		23.98	23.92	23.98				
20	50	25		23.97	23.98	23.83				
20	1	0		23.45	23.49	23.30				
20	1	105		23.50	23.41	23.40				
20	100	0		23.51	23.50	23.40				
20	1	1	QPSK	23.88	24.00	23.86				
20	1	104		23.90	23.95	23.94				
20	50	25		23.95	24.01	23.80				
20	1	0		23.19	23.09	22.90				
20	1	105		23.10	22.97	23.04				
20	100	0		23.08	23.11	22.96				
20	1	1	16-QAM	23.20	23.19	23.09	23.00	0.1995		
20	1	1	64-QAM	21.70	21.71	21.54				
20	1	1	256-QAM	19.59	19.63	19.55				
Limit	EIRP < 2W			Result			Pass			



NR n25 Maximum Average Power [dBm] (GT - LC = -0.2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
25	1	1	PI/2 BPSK	23.93	23.94	23.84	23.86	0.2432		
25	1	131		24.06	23.89	23.93				
25	64	32		23.96	23.99	23.89				
25	1	0		23.45	23.45	23.35				
25	1	132		23.51	23.36	23.41				
25	128	0		23.35	23.44	23.51				
25	1	1	QPSK	23.86	23.94	23.82				
25	1	131		23.96	23.85	23.90				
25	64	32		24.03	24.00	23.90				
25	1	0		22.90	22.94	22.91				
25	1	132		23.01	22.85	22.88				
25	128	0		23.00	23.08	23.00				
25	1	1	16-QAM	23.02	23.22	23.22	23.02	0.2004		
25	1	1	64-QAM	21.53	21.63	21.59				
25	1	1	256-QAM	19.34	19.56	19.66				
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
30	1	1	PI/2 BPSK	23.99	23.99	23.88	23.85	0.2427		
30	1	158		24.05	23.95	24.02				
30	80	40		23.99	24.02	23.95				
30	1	0		23.45	23.46	23.44				
30	1	159		23.52	23.43	23.51				
30	160	0		23.52	23.53	23.53				
30	1	1	QPSK	23.96	23.97	23.88				
30	1	158		23.96	23.95	23.99				
30	80	40		24.02	24.03	23.94				
30	1	0		22.89	22.90	22.84				
30	1	159		23.05	22.82	22.90				
30	160	0		22.97	23.07	23.01				
30	1	1	16-QAM	23.05	23.23	23.17	23.03	0.2009		
30	1	1	64-QAM	21.53	21.64	21.57				
30	1	1	256-QAM	19.41	19.57	19.49				
Limit	EIRP < 2W			Result			Pass			



NR n25 Maximum Average Power [dBm] (GT - LC = -0.2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
35	1	1	PI/2 BPSK	24.00	23.85	23.95	23.81	0.2404		
35	1	186		23.92	23.89	24.00				
35	90	45		24.01	23.98	23.94				
35	1	0		23.40	23.40	23.45				
35	1	187		23.45	23.37	23.46				
35	180	0		23.40	23.46	23.41				
35	1	1	QPSK	23.85	23.83	23.90				
35	1	186		23.85	23.92	23.97				
35	90	45		23.97	24.01	23.95				
35	1	0		22.80	22.83	22.90				
35	1	187		22.88	22.87	22.87				
35	180	0		22.99	23.02	22.96				
35	1	1	16-QAM	22.92	23.13	23.11	22.93	0.1963		
35	1	1	64-QAM	21.48	21.64	21.64				
35	1	1	256-QAM	19.30	19.54	19.46				
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
40	1	1	PI/2 BPSK	23.95	23.91	23.96	23.87	0.2438		
40	1	214		23.90	23.85	24.02				
40	108	54		24.07	24.00	23.97				
40	1	0		23.40	23.38	23.48				
40	1	215		23.41	23.36	23.48				
40	216	0		23.45	23.39	23.44				
40	1	1	QPSK	23.88	23.83	23.93				
40	1	214		23.79	23.88	24.01				
40	108	54		24.04	24.05	23.97				
40	1	0		22.76	22.77	22.94				
40	1	215		22.76	22.88	22.87				
40	216	0		23.00	23.05	23.01				
40	1	1	16-QAM	23.01	23.14	23.05	22.94	0.1968		
40	1	1	64-QAM	21.45	21.60	21.46				
40	1	1	256-QAM	19.32	19.56	19.42				
Limit	EIRP < 2W			Result			Pass			



<NR n25 MIMO ANT 2+1>

NR n25 Maximum Average Power [dBm] (GT - LC = 0.26 dB)																
BW	RB	RB	Mod	Antenna 2			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
5	1	1	PI/2 BPSK	24.16	24.09	23.95	23.97	24.19	23.99	27.08	27.15	26.98	27.41	0.5508		
5	1	23		24.05	24.17	24.06	23.93	24.11	24.12	27.00	27.15	27.10				
5	12	6		23.98	23.79	23.86	23.83	23.90	23.99	26.92	26.86	26.94				
5	1	0		20.59	20.61	20.51	20.60	20.55	20.49	23.61	23.59	23.51				
5	1	24		20.56	20.60	20.66	20.54	20.54	20.58	23.56	23.58	23.63				
5	25	0		23.18	23.17	23.12	23.14	23.09	23.10	26.17	26.14	26.12				
5	1	1	QPSK	23.70	23.52	23.47	23.48	23.61	23.49	26.60	26.58	26.49			25.91	0.3899
5	1	23		23.64	23.57	23.57	23.42	23.65	23.58	26.54	26.62	26.59				
5	12	6		23.61	23.40	23.43	23.44	23.56	23.60	26.54	26.49	26.53				
5	1	0		20.55	20.69	20.50	20.58	20.64	20.48	23.58	23.68	23.50				
5	1	24		20.56	20.69	20.65	20.55	20.65	20.51	23.57	23.68	23.59				
5	25	0		22.21	22.18	22.16	22.15	22.11	22.11	25.19	25.16	25.15				
5	1	1	16-QAM	22.62	22.62	22.61	22.63	22.60	22.66	25.64	25.62	25.65	25.91	0.3899		
5	1	1	64-QAM	21.12	21.10	21.09	21.12	21.10	21.09	24.13	24.11	24.10				
5	1	1	256-QAM	18.64	18.64	18.61	18.63	18.58	18.62	21.65	21.62	21.63				
BW	RB	RB	Mod	Antenna 2			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
10	1	1	PI/2 BPSK	24.27	24.07	24.21	24.08	24.18	24.07	27.19	27.14	27.15	27.57	0.5715		
10	1	50		24.12	23.97	24.29	24.02	24.02	24.31	27.08	27.01	27.31				
10	25	12		24.07	23.86	23.77	24.00	24.03	23.89	27.05	26.96	26.84				
10	1	0		20.73	20.54	20.56	20.73	20.54	20.45	23.74	23.55	23.52				
10	1	51		20.69	20.47	20.67	20.66	20.53	20.63	23.69	23.51	23.66				
10	50	0		23.25	23.03	23.05	23.23	23.02	23.05	26.25	26.04	26.06				
10	1	1	QPSK	23.83	23.37	23.25	23.64	23.58	23.57	26.75	26.49	26.42			25.73	0.3741
10	1	50		23.68	23.45	23.77	23.59	23.54	23.44	26.65	26.51	26.62				
10	25	12		23.60	23.40	23.61	23.51	23.54	23.58	26.57	26.48	26.61				
10	1	0		20.80	20.56	20.45	20.84	20.55	20.48	23.83	23.57	23.48				
10	1	51		20.82	20.54	20.51	20.75	20.58	20.61	23.80	23.57	23.57				
10	50	0		22.26	22.07	22.01	22.23	22.09	22.05	25.26	25.09	25.04				
10	1	1	16-QAM	22.39	22.47	22.34	22.50	22.44	22.39	25.46	25.47	25.38	25.73	0.3741		
10	1	1	64-QAM	20.91	20.95	20.88	21.00	20.92	20.87	23.97	23.95	23.89				
10	1	1	256-QAM	18.55	18.74	18.59	18.64	18.78	18.77	21.61	21.77	21.69				
BW	RB	RB	Mod	Antenna 2			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
15	1	1	PI/2 BPSK	24.39	24.10	24.28	24.16	24.17	24.08	27.29	27.15	27.19	27.68	0.5861		
15	1	77		24.23	24.17	24.38	24.16	24.16	24.44	27.21	27.18	27.42				
15	36	18		24.24	24.08	24.19	24.12	24.16	24.14	27.19	27.13	27.18				
15	1	0		20.84	20.80	20.79	20.80	20.72	20.65	23.83	23.77	23.73				
15	1	78		20.79	20.79	20.86	20.77	20.71	20.83	23.79	23.76	23.86				
15	75	0		23.35	23.31	23.26	23.27	23.19	23.23	26.32	26.26	26.26				
15	1	1	QPSK	23.88	23.59	23.74	23.67	23.67	23.61	26.79	26.64	26.69			25.98	0.3963
15	1	77		23.71	23.72	23.73	23.73	23.71	23.84	26.73	26.73	26.80				
15	36	18		23.81	23.60	23.72	23.65	23.70	23.68	26.74	26.66	26.71				
15	1	0		20.91	20.79	20.81	20.89	20.73	20.69	23.91	23.77	23.76				
15	1	78		20.84	20.81	20.90	20.85	20.75	20.83	23.86	23.79	23.88				
15	75	0		22.37	22.32	22.29	22.29	22.22	22.27	25.34	25.28	25.29				
15	1	1	16-QAM	22.71	22.64	22.72	22.71	22.55	22.54	25.72	25.61	25.64	25.98	0.3963		
15	1	1	64-QAM	21.44	21.17	21.21	21.43	21.08	21.03	24.45	24.14	24.13				
15	1	1	256-QAM	18.93	18.79	18.83	18.89	18.76	18.69	21.92	21.79	21.77				
BW	RB	RB	Mod	Antenna 2			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
20	1	1	PI/2 BPSK	24.33	24.12	24.31	24.09	24.18	24.16	27.22	27.16	27.25	27.58	0.5728		
20	1	104		24.08	24.17	24.24	24.19	24.13	24.38	27.15	27.16	27.32				
20	50	25		24.23	24.16	24.26	24.15	24.22	24.23	27.20	27.20	27.26				
20	1	0		20.83	20.76	20.81	20.80	20.70	20.73	23.83	23.74	23.78				
20	1	105		20.82	20.78	20.86	20.74	20.72	20.85	23.79	23.76	23.87				
20	100	0		23.38	23.33	23.34	23.31	23.25	23.32	26.36	26.30	26.34				
20	1	1	QPSK	23.82	23.60	23.79	23.64	23.65	23.68	26.74	26.64	26.75			25.92	0.3908
20	1	104		23.59	23.69	23.72	23.71	23.68	23.89	26.66	26.70	26.82				
20	50	25		23.69	23.63	23.68	23.64	23.71	23.72	26.68	26.68	26.71				
20	1	0		20.83	20.74	20.84	20.77	20.73	20.79	23.81	23.75	23.83				
20	1	105		20.81	20.79	20.84	20.76	20.75	20.81	23.80	23.78	23.84				
20	100	0		22.39	22.31	22.34	22.29	22.23	22.29	25.35	25.28	25.33				
20	1	1	16-QAM	22.64	22.61	22.67	22.63	22.57	22.62	25.65	25.60	25.66	25.92	0.3908		
20	1	1	64-QAM	21.21	21.07	21.13	21.14	21.05	21.08	24.19	24.07	24.12				
20	1	1	256-QAM	18.89	18.78	18.84	18.87	18.79	18.83	21.89	21.80	21.85				
Limit	EIRP < 2W			Result									Pass			



NR n25 Maximum Average Power [dBm] (GT - LC = 0.26 dB)														
BW	RB	RB	Mod	Antenna 2			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
25	1	1	PI/2 BPSK	24.23	24.11	24.16	23.96	24.02	23.97	27.11	27.08	27.08	27.49	0.5610
25	1	131		24.10	24.19	24.26	24.03	23.92	24.17	27.08	27.07	27.23		
25	64	32		24.19	24.18	24.26	24.10	24.11	24.02	27.16	27.16	27.15		
25	1	0		20.68	20.68	20.67	20.66	20.59	20.60	23.68	23.65	23.65		
25	1	132		20.68	20.65	20.79	20.59	20.57	20.64	23.65	23.62	23.73		
25	128	0		23.22	23.25	23.32	23.13	23.14	23.23	26.19	26.21	26.29		
25	1	1	QPSK	23.74	23.62	23.70	23.50	23.53	23.48	26.63	26.59	26.60		
25	1	131		23.60	23.72	23.71	23.55	23.48	23.69	26.59	26.61	26.71		
25	64	32		23.70	23.66	23.74	23.61	23.61	23.50	26.67	26.65	26.63		
25	1	0		20.76	20.76	20.69	20.68	20.64	20.63	23.73	23.71	23.67		
25	1	132		20.75	20.70	20.82	20.61	20.60	20.67	23.69	23.66	23.76		
25	128	0	16-QAM	22.25	22.26	22.34	22.16	22.16	22.24	25.22	25.22	25.30	25.86	0.3855
25	1	1		22.64	22.61	22.58	22.54	22.50	22.52	25.60	25.57	25.56		
25	1	1		21.08	21.19	21.04	21.06	21.15	20.94	24.08	24.18	24.00		
25	1	1	256-QAM	18.82	18.77	18.64	18.74	18.69	18.59	21.79	21.74	21.63		
BW	RB	RB	Mod	Antenna 2			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
30	1	1	PI/2 BPSK	24.28	24.18	24.21	24.01	24.01	24.08	27.16	27.11	27.16	27.56	0.5702
30	1	158		24.18	24.26	24.30	24.06	23.91	24.27	27.13	27.10	27.30		
30	80	40		24.21	24.19	24.22	24.18	24.11	24.03	27.21	27.16	27.14		
30	1	0		20.78	20.70	20.72	20.75	20.61	20.64	23.78	23.67	23.69		
30	1	159		20.77	20.64	20.82	20.71	20.59	20.70	23.75	23.63	23.77		
30	160	0		23.31	23.33	23.34	23.23	23.18	23.17	26.28	26.27	26.27		
30	1	1	QPSK	23.83	23.63	23.68	23.58	23.54	23.61	26.72	26.60	26.66		
30	1	158		23.66	23.76	23.71	23.59	23.45	23.74	26.64	26.62	26.74		
30	80	40		23.71	23.70	23.70	23.71	23.62	23.51	26.72	26.67	26.62		
30	1	0		20.85	20.77	20.71	20.78	20.64	20.65	23.83	23.72	23.69		
30	1	159		20.79	20.76	20.82	20.70	20.62	20.72	23.76	23.70	23.78		
30	160	0	16-QAM	22.29	22.31	22.28	22.21	22.17	22.17	25.26	25.25	25.24	25.91	0.3899
30	1	1		22.68	22.64	22.54	22.60	22.48	22.52	25.65	25.57	25.54		
30	1	1		21.09	21.01	21.11	21.09	20.93	20.96	24.10	23.98	24.05		
30	1	1	256-QAM	18.88	18.78	18.76	18.81	18.64	18.68	21.86	21.72	21.73		
BW	RB	RB	Mod	Antenna 2			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
35	1	1	PI/2 BPSK	24.25	24.05	24.06	23.95	23.94	23.98	27.11	27.01	27.03	27.48	0.5598
35	1	186		24.14	24.19	24.22	24.06	23.83	24.20	27.11	27.02	27.22		
35	90	45		24.18	24.16	24.24	24.14	24.11	24.06	27.17	27.15	27.16		
35	1	0		20.72	20.69	20.66	20.74	20.61	20.56	23.74	23.66	23.62		
35	1	187		20.75	20.59	20.78	20.68	20.51	20.67	23.73	23.56	23.74		
35	180	0		23.22	23.27	23.28	23.15	23.16	23.19	26.20	26.23	26.25		
35	1	1	QPSK	23.74	23.57	23.57	23.49	23.49	23.54	26.63	26.54	26.57		
35	1	186		23.65	23.70	23.75	23.58	23.38	23.68	26.63	26.55	26.73		
35	90	45		23.68	23.66	23.72	23.65	23.60	23.54	26.68	26.64	26.64		
35	1	0		20.75	20.70	20.70	20.67	20.61	20.60	23.72	23.67	23.66		
35	1	187		20.71	20.67	20.83	20.63	20.52	20.71	23.68	23.61	23.78		
35	180	0	16-QAM	22.26	22.27	22.26	22.18	22.17	22.18	25.23	25.23	25.23	25.85	0.3846
35	1	1		22.62	22.52	22.56	22.53	22.48	22.50	25.59	25.51	25.54		
35	1	1		21.05	21.04	21.11	21.02	20.87	20.98	24.05	23.97	24.06		
35	1	1	256-QAM	18.80	18.75	18.79	18.71	18.62	18.69	21.77	21.70	21.75		
BW	RB	RB	Mod	Antenna 2			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
40	1	1	PI/2 BPSK	24.17	24.07	24.10	23.90	23.95	24.08	27.05	27.02	27.10	27.51	0.5636
40	1	214		24.14	24.18	24.26	23.96	23.85	24.21	27.06	27.03	27.25		
40	108	54		24.14	24.17	24.27	24.12	24.11	24.13	27.14	27.15	27.21		
40	1	0		20.75	20.74	20.72	20.63	20.63	20.65	23.70	23.70	23.70		
40	1	215		20.73	20.60	20.76	20.61	20.48	20.70	23.68	23.55	23.74		
40	216	0	QPSK	23.19	23.23	23.28	23.14	23.11	23.21	26.18	26.18	26.26		
40	1	1		23.67	23.56	23.54	23.46	23.52	23.59	26.58	26.55	26.58		
40	1	214		23.64	23.64	23.79	23.50	23.39	23.71	26.58	26.53	26.76		
40	108	54		23.66	23.68	23.78	23.64	23.62	23.61	26.66	26.66	26.71		
40	1	0		20.75	20.74	20.75	20.64	20.59	20.63	23.71	23.68	23.70		
40	1	215	16-QAM	20.71	20.63	20.82	20.57	20.48	20.76	23.65	23.57	23.80	25.82	0.3819
40	216	0		22.20	22.28	22.29	22.14	22.15	22.22	25.18	25.23	25.27		
40	1	1		22.57	22.55	22.63	22.48	22.44	22.46	25.54	25.51	25.56		
40	1	1	64-QAM	21.01	21.09	21.05	20.95	20.89	21.04	23.99	24.00	24.06		
40	1	1	256-QAM	18.78	18.78	18.94	18.71	18.62	18.86	21.76	21.71	21.91		
Limit	EIRP < 2W			Result									Pass	



<NR n25 MIMO ANT 2+5>

NR n25 Maximum Average Power [dBm] (GT - LC = 1.73 dB)														
BW	RB	RB	Mod	Antenna 2			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
5	1	1	PI/2 BPSK	24.17	23.92	23.96	23.82	24.01	24.11	27.01	26.98	27.05	28.86	0.7691
5	1	23		24.11	23.99	24.08	23.85	24.01	24.15	26.99	27.01	27.13		
5	12	6		24.06	23.79	23.82	23.75	23.90	24.03	26.92	26.86	26.94		
5	1	0		20.63	20.57	20.49	20.48	20.50	20.56	23.57	23.55	23.54		
5	1	24		20.57	20.54	20.60	20.42	20.48	20.62	23.51	23.52	23.62		
5	25	0		23.19	23.11	23.09	22.99	23.00	23.16	26.10	26.07	26.14		
5	1	1	QPSK	23.69	23.44	23.43	23.37	23.52	23.62	26.54	26.49	26.54		
5	1	23		23.58	23.49	23.53	23.35	23.55	23.66	26.48	26.53	26.61		
5	12	6		23.71	23.40	23.43	23.37	23.52	23.67	26.55	26.47	26.56		
5	1	0		20.66	20.58	20.56	20.52	20.52	20.62	23.60	23.56	23.60		
5	1	24		20.59	20.58	20.65	20.47	20.53	20.67	23.54	23.57	23.67		
5	25	0		22.21	22.13	22.17	22.03	22.06	22.22	25.13	25.11	25.21		
5	1	1	16-QAM	22.55	22.48	22.47	22.42	22.39	22.54	25.50	25.45	25.52	27.25	0.5309
5	1	1	64-QAM	21.00	20.94	20.87	20.83	20.84	20.91	23.93	23.90	23.90		
5	1	1	256-QAM	18.69	18.57	18.56	18.54	18.50	18.62	21.63	21.55	21.60		
BW	RB	RB	Mod	Antenna 2			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
10	1	1	PI/2 BPSK	24.23	23.90	24.10	23.88	23.99	24.03	27.07	26.96	27.08	28.89	0.7745
10	1	50		24.17	24.02	24.11	23.89	23.99	24.19	27.04	27.02	27.16		
10	25	12		24.16	23.93	23.95	23.91	23.98	24.11	27.05	26.97	27.04		
10	1	0		20.75	20.58	20.59	20.59	20.47	20.54	23.68	23.54	23.58		
10	1	51		20.74	20.54	20.69	20.51	20.51	20.70	23.64	23.54	23.71		
10	50	0		23.26	23.12	23.05	23.07	23.01	23.11	26.18	26.08	26.09		
10	1	1	QPSK	23.78	23.41	23.51	23.44	23.52	23.50	26.62	26.48	26.52		
10	1	50		23.60	23.49	23.53	23.40	23.51	23.71	26.51	26.51	26.63		
10	25	12		23.70	23.44	23.48	23.39	23.50	23.64	26.56	26.48	26.57		
10	1	0		20.79	20.60	20.56	20.66	20.49	20.53	23.74	23.56	23.56		
10	1	51		20.77	20.60	20.72	20.58	20.55	20.75	23.69	23.59	23.75		
10	50	0		22.29	22.13	22.10	22.07	22.04	22.15	25.19	25.10	25.14		
10	1	1	16-QAM	22.63	22.55	22.44	22.49	22.43	22.42	25.57	25.50	25.44	27.30	0.5370
10	1	1	64-QAM	21.19	20.99	20.98	20.98	20.87	20.91	24.10	23.94	23.96		
10	1	1	256-QAM	18.80	18.65	18.60	18.63	18.55	18.54	21.73	21.61	21.58		
BW	RB	RB	Mod	Antenna 2			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
15	1	1	PI/2 BPSK	24.20	23.93	24.14	23.88	24.01	23.97	27.05	26.98	27.07	28.95	0.7852
15	1	77		24.02	24.05	24.17	23.92	24.00	24.25	26.98	27.04	27.22		
15	36	18		24.11	23.95	24.04	23.87	23.98	24.05	27.00	26.98	27.06		
15	1	0		20.71	20.63	20.66	20.57	20.51	20.52	23.65	23.58	23.60		
15	1	78		20.61	20.60	20.72	20.51	20.52	20.72	23.57	23.57	23.73		
15	75	0		23.22	23.13	23.14	23.01	23.02	23.11	26.13	26.09	26.14		
15	1	1	QPSK	23.73	23.45	23.66	23.44	23.54	23.48	26.60	26.51	26.58		
15	1	77		23.59	23.56	23.56	23.53	23.54	23.74	26.57	26.56	26.66		
15	36	18		23.68	23.47	23.58	23.41	23.55	23.58	26.56	26.52	26.59		
15	1	0		20.78	20.62	20.68	20.62	20.54	20.58	23.71	23.59	23.64		
15	1	78		20.69	20.62	20.73	20.59	20.58	20.78	23.65	23.61	23.77		
15	75	0		22.26	22.13	22.17	22.03	22.04	22.16	25.16	25.10	25.18		
15	1	1	16-QAM	22.62	22.47	22.51	22.46	22.40	22.42	25.55	25.45	25.48	27.28	0.5346
15	1	1	64-QAM	21.14	21.00	21.07	20.93	20.91	20.90	24.05	23.97	24.00		
15	1	1	256-QAM	18.79	18.63	18.70	18.63	18.55	18.56	21.72	21.60	21.64		
BW	RB	RB	Mod	Antenna 2			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
20	1	1	PI/2 BPSK	24.20	23.92	24.18	23.87	24.00	24.00	27.05	26.97	27.10	29.14	0.8204
20	1	104		23.94	24.01	24.41	23.98	24.01	24.39	26.97	27.02	27.41		
20	50	25		24.14	23.99	24.11	23.93	24.06	24.09	27.05	27.04	27.11		
20	1	0		20.69	20.58	20.67	20.54	20.51	20.57	23.63	23.56	23.63		
20	1	105		20.70	20.58	20.73	20.51	20.55	20.72	23.62	23.58	23.74		
20	100	0		23.24	23.16	23.19	23.05	23.08	23.15	26.16	26.13	26.18		
20	1	1	QPSK	23.68	23.46	23.72	23.40	23.50	23.55	26.55	26.49	26.65		
20	1	104		23.49	23.54	23.61	23.53	23.52	23.80	26.52	26.54	26.72		
20	50	25		23.59	23.45	23.53	23.39	23.55	23.57	26.50	26.51	26.56		
20	1	0		20.73	20.58	20.71	20.59	20.53	20.63	23.67	23.57	23.68		
20	1	105		20.67	20.60	20.74	20.54	20.61	20.76	23.62	23.62	23.76		
20	100	0		22.26	22.15	22.22	22.05	22.09	22.17	25.17	25.13	25.21		
20	1	1	16-QAM	22.51	22.47	22.54	22.40	22.41	22.45	25.47	25.45	25.51	27.24	0.5297
20	1	1	64-QAM	21.06	20.92	21.01	20.88	20.81	20.90	23.98	23.88	23.97		
20	1	1	256-QAM	18.73	18.61	18.70	18.58	18.56	18.64	21.67	21.60	21.68		
Limit	EIRP < 2W			Result									Pass	



NR n25 Maximum Average Power [dBm] (GT - LC = 1.73 dB)														
BW	RB	RB	Mod	Antenna 2			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
25	1	1	PI/2 BPSK	24.08	23.93	23.99	23.72	23.80	23.81	26.91	26.88	26.91	28.86	0.7691
25	1	131		23.96	24.01	24.13	23.83	23.78	24.10	26.91	26.91	27.13		
25	64	32		24.07	24.01	24.12	23.90	23.94	23.90	27.00	26.99	27.02		
25	1	0		20.56	20.50	20.55	20.42	20.44	20.47	23.50	23.48	23.52		
25	1	132		20.55	20.49	20.64	20.40	20.47	20.56	23.49	23.49	23.61		
25	128	0		23.09	23.11	23.13	22.92	22.98	23.07	26.02	26.06	26.11		
25	1	1	QPSK	23.63	23.48	23.53	23.27	23.38	23.37	26.46	26.44	26.46		
25	1	131		23.44	23.53	23.57	23.37	23.33	23.62	26.42	26.44	26.61		
25	64	32		23.57	23.52	23.62	23.38	23.42	23.38	26.49	26.48	26.51		
25	1	0		20.65	20.60	20.50	20.47	20.44	20.45	23.57	23.53	23.49		
25	1	132		20.60	20.53	20.64	20.41	20.47	20.56	23.52	23.51	23.61		
25	128	0	16-QAM	22.11	22.10	22.19	21.93	21.98	22.09	25.03	25.05	25.15	27.28	0.5346
25	1	1		22.62	22.38	22.44	22.45	22.27	22.37	25.55	25.34	25.42		
25	1	1		20.93	20.86	20.92	20.79	20.73	20.83	23.87	23.81	23.89		
25	1	1	256-QAM	18.68	18.62	18.58	18.49	18.48	18.50	21.60	21.56	21.55		
BW	RB	RB	Mod	Antenna 2			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
30	1	1	PI/2 BPSK	24.20	24.01	24.09	23.80	23.81	23.89	27.01	26.92	27.00	28.90	0.7762
30	1	158		24.04	24.07	24.17	23.90	23.77	24.15	26.98	26.93	27.17		
30	80	40		24.12	24.03	24.11	23.95	23.96	23.88	27.05	27.01	27.01		
30	1	0		20.68	20.54	20.61	20.52	20.43	20.48	23.61	23.50	23.56		
30	1	159		20.65	20.43	20.67	20.53	20.45	20.58	23.60	23.45	23.64		
30	160	0		23.23	23.16	23.19	23.02	22.99	23.03	26.14	26.09	26.12		
30	1	1	QPSK	23.72	23.50	23.57	23.34	23.35	23.42	26.54	26.44	26.51		
30	1	158		23.55	23.56	23.56	23.43	23.33	23.63	26.50	26.46	26.61		
30	80	40		23.63	23.53	23.56	23.48	23.44	23.38	26.57	26.50	26.48		
30	1	0		20.75	20.59	20.60	20.53	20.44	20.48	23.65	23.53	23.55		
30	1	159		20.66	20.52	20.69	20.52	20.48	20.64	23.60	23.51	23.68		
30	160	0	16-QAM	22.21	22.13	22.14	22.00	22.00	22.01	25.12	25.08	25.09	27.23	0.5284
30	1	1		22.59	22.48	22.43	22.39	22.27	22.36	25.50	25.39	25.41		
30	1	1		20.99	20.86	20.97	20.81	20.74	20.80	23.91	23.81	23.90		
30	1	1	256-QAM	18.77	18.58	18.61	18.54	18.43	18.50	21.67	21.52	21.57		
BW	RB	RB	Mod	Antenna 2			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
35	1	1	PI/2 BPSK	24.17	23.93	23.99	23.72	23.76	23.81	26.96	26.86	26.91	28.88	0.7727
35	1	186		24.07	24.05	24.12	23.89	23.74	24.16	26.99	26.91	27.15		
35	90	45		24.14	24.05	23.96	23.96	24.00	23.99	27.06	27.04	26.99		
35	1	0		20.60	20.54	20.63	20.42	20.39	20.46	23.52	23.48	23.56		
35	1	187		20.56	20.42	20.68	20.44	20.41	20.59	23.51	23.43	23.65		
35	180	0		23.15	23.15	23.20	22.95	23.00	23.04	26.06	26.09	26.13		
35	1	1	QPSK	23.66	23.48	23.48	23.28	23.29	23.37	26.48	26.40	26.44		
35	1	186		23.57	23.59	23.53	23.44	23.28	23.64	26.52	26.45	26.60		
35	90	45		23.64	23.54	23.67	23.46	23.45	23.42	26.56	26.51	26.56		
35	1	0		20.65	20.55	20.61	20.48	20.41	20.44	23.58	23.49	23.54		
35	1	187		20.61	20.50	20.72	20.45	20.44	20.64	23.54	23.48	23.69		
35	180	0	16-QAM	22.19	22.13	22.19	21.97	21.99	22.02	25.09	25.07	25.12	27.15	0.5188
35	1	1		22.53	22.41	22.48	22.29	22.27	22.31	25.42	25.35	25.41		
35	1	1		20.96	20.90	21.08	20.76	20.72	20.84	23.87	23.82	23.97		
35	1	1	256-QAM	18.68	18.62	18.59	18.46	18.45	18.42	21.58	21.55	21.52		
BW	RB	RB	Mod	Antenna 2			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
40	1	1	PI/2 BPSK	24.11	23.93	23.93	23.70	23.78	23.88	26.92	26.87	26.92	28.78	0.7551
40	1	214		24.06	24.04	23.98	23.85	23.75	23.82	26.97	26.91	26.91		
40	108	54		24.09	24.07	24.02	23.99	23.96	23.89	27.05	27.03	26.97		
40	1	0		20.60	20.57	20.61	20.40	20.39	20.44	23.51	23.49	23.54		
40	1	215		20.54	20.43	20.67	20.42	20.37	20.60	23.49	23.41	23.65		
40	216	0		23.10	23.09	23.21	22.93	22.96	23.06	26.03	26.04	26.15		
40	1	1	QPSK	23.60	23.46	23.49	23.27	23.34	23.41	26.45	26.41	26.46		
40	1	214		23.59	23.43	23.86	23.35	23.24	23.67	26.48	26.35	26.78		
40	108	54		23.62	23.68	23.75	23.49	23.49	23.55	26.57	26.60	26.66		
40	1	0		20.66	20.60	20.68	20.45	20.38	20.44	23.57	23.50	23.57		
40	1	215		20.60	20.48	20.74	20.44	20.39	20.63	23.53	23.45	23.70		
40	216	0	16-QAM	22.14	22.13	22.22	21.94	21.98	22.06	25.05	25.07	25.15	27.14	0.5176
40	1	1		22.49	22.43	22.49	22.30	22.24	22.29	25.41	25.35	25.40		
40	1	1		21.11	20.93	20.98	20.86	20.70	20.78	24.00	23.83	23.89		
40	1	1	256-QAM	18.83	18.65	18.70	18.60	18.46	18.48	21.73	21.57	21.60		
Limit	EIRP < 2W			Result									Pass	



<NR n25 MIMO ANT 0+1>

NR n25 Maximum Average Power [dBm] (GT - LC = 0.32 dB)														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
5	1	1	PI/2 BPSK	24.60	24.28	24.25	24.17	24.36	24.38	27.40	27.33	27.33	27.72	0.5916
5	1	23		24.45	24.34	24.28	24.15	24.37	24.47	27.31	27.37	27.39		
5	12	6		24.36	24.09	24.05	24.03	24.19	24.29	27.21	27.15	27.18		
5	1	0		20.93	20.87	20.75	20.76	20.77	20.82	23.86	23.83	23.80		
5	1	24		20.88	20.88	20.89	20.71	20.80	20.90	23.81	23.85	23.91		
5	25	0		23.49	23.45	23.39	23.29	23.31	23.46	26.40	26.39	26.44		
5	1	1	QPSK	24.04	23.78	23.74	23.67	23.86	23.87	26.87	26.83	26.82		
5	1	23		23.93	23.83	23.85	23.64	23.86	23.96	26.80	26.86	26.92		
5	12	6		24.02	23.73	23.67	23.66	23.85	23.92	26.85	26.80	26.81		
5	1	0		20.95	20.93	20.77	20.81	20.83	20.84	23.89	23.89	23.82		
5	1	24		20.89	20.90	20.90	20.75	20.83	20.92	23.83	23.88	23.92		
5	25	0		22.53	22.48	22.37	22.34	22.37	22.46	25.45	25.44	25.43		
5	1	1	16-QAM	22.83	22.82	22.70	22.69	22.71	22.80	25.77	25.78	25.76	26.10	0.4074
5	1	1	64-QAM	21.35	21.31	21.12	21.14	21.19	21.14	24.26	24.26	24.14		
5	1	1	256-QAM	19.02	18.89	18.80	18.82	18.80	18.90	21.93	21.86	21.86		
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
10	1	1	PI/2 BPSK	24.58	24.29	24.32	24.19	24.37	24.28	27.40	27.34	27.31	27.72	0.5916
10	1	50		24.42	24.36	24.33	24.18	24.33	24.39	27.31	27.36	27.37		
10	25	12		24.41	24.28	24.19	24.14	24.32	24.38	27.29	27.31	27.30		
10	1	0		20.98	20.95	20.82	20.84	20.82	20.75	23.92	23.90	23.80		
10	1	51		20.97	20.91	20.99	20.75	20.85	20.99	23.87	23.89	24.00		
10	50	0		23.50	23.49	23.36	23.29	23.38	23.43	26.41	26.45	26.41		
10	1	1	QPSK	24.02	23.78	23.80	23.66	23.86	23.76	26.85	26.83	26.79		
10	1	50		23.93	23.87	23.88	23.66	23.84	24.02	26.81	26.87	26.96		
10	25	12		23.93	23.79	23.76	23.65	23.84	23.93	26.80	26.83	26.86		
10	1	0		20.99	20.98	20.93	20.87	20.85	20.86	23.94	23.93	23.91		
10	1	51		21.02	20.98	21.07	20.80	20.92	21.09	23.92	23.96	24.09		
10	50	0		22.52	22.48	22.36	22.30	22.37	22.44	25.42	25.44	25.41		
10	1	1	16-QAM	22.82	23.17	22.76	22.71	23.02	22.72	25.78	26.11	25.75	26.43	0.4395
10	1	1	64-QAM	21.43	21.55	21.20	21.22	21.38	21.13	24.34	24.48	24.18		
10	1	1	256-QAM	18.99	19.01	18.85	18.88	18.91	18.79	21.95	21.97	21.83		
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
15	1	1	PI/2 BPSK	24.50	24.29	24.52	24.25	24.36	24.22	27.39	27.34	27.38	27.71	0.5902
15	1	77		24.37	24.39	24.31	24.28	24.34	24.41	27.34	27.38	27.37		
15	36	18		24.31	24.24	24.29	24.16	24.33	24.31	27.25	27.30	27.31		
15	1	0		20.90	20.88	20.91	20.85	20.81	20.79	23.89	23.86	23.86		
15	1	78		20.88	20.92	20.98	20.83	20.88	20.98	23.87	23.91	23.99		
15	75	0		23.44	23.45	23.37	23.31	23.35	23.37	26.39	26.41	26.38		
15	1	1	QPSK	23.94	23.74	23.87	23.72	23.84	23.72	26.84	26.80	26.81		
15	1	77		23.78	23.87	23.89	23.74	23.87	24.04	26.77	26.88	26.98		
15	36	18		23.85	23.76	23.81	23.70	23.91	23.83	26.79	26.85	26.83		
15	1	0		20.94	20.93	20.91	20.92	20.90	20.84	23.94	23.93	23.89		
15	1	78		20.94	20.99	21.00	20.91	20.92	21.06	23.94	23.97	24.04		
15	75	0		22.47	22.48	22.41	22.33	22.41	22.40	25.41	25.46	25.42		
15	1	1	16-QAM	22.76	22.77	22.74	22.75	22.75	22.68	25.77	25.77	25.72	26.09	0.4064
15	1	1	64-QAM	21.37	21.37	21.37	21.23	21.21	21.15	24.31	24.30	24.27		
15	1	1	256-QAM	18.99	18.96	19.00	18.89	18.90	18.85	21.95	21.94	21.94		
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
20	1	1	PI/2 BPSK	24.46	24.31	24.49	24.20	24.44	24.32	27.34	27.39	27.42	27.74	0.5943
20	1	104		24.32	24.14	24.33	24.37	23.99	24.44	27.36	27.08	27.40		
20	50	25		24.33	24.44	24.41	24.25	24.20	24.36	27.30	27.33	27.40		
20	1	0		20.83	20.91	20.89	20.82	20.89	20.82	23.84	23.91	23.87		
20	1	105		20.95	20.96	20.93	20.84	20.87	20.95	23.91	23.93	23.95		
20	100	0		23.44	23.52	23.38	23.37	23.47	23.43	26.42	26.51	26.42		
20	1	1	QPSK	23.86	23.80	23.94	23.66	23.89	23.82	26.77	26.86	26.89		
20	1	104		23.75	23.93	23.87	23.87	23.85	24.07	26.82	26.90	26.98		
20	50	25		23.82	23.80	23.90	23.73	23.71	23.81	26.79	26.77	26.87		
20	1	0		20.86	20.90	20.94	20.90	20.91	20.90	23.89	23.92	23.93		
20	1	105		20.94	21.01	20.96	20.92	20.93	21.05	23.94	23.98	24.02		
20	100	0		22.39	22.51	22.38	22.39	22.47	22.42	25.40	25.50	25.41		
20	1	1	16-QAM	22.69	22.78	22.78	22.72	22.78	22.76	25.72	25.79	25.78	26.11	0.4083
20	1	1	64-QAM	21.31	21.32	21.26	21.20	21.17	21.13	24.27	24.26	24.21		
20	1	1	256-QAM	19.07	18.96	19.04	19.04	18.92	18.93	22.07	21.95	22.00		
Limit	EIRP < 2W			Result									Pass	



NR n25 Maximum Average Power [dBm] (GT - LC = 0.32 dB)																
BW	RB	RB	Mod	Antenna 0			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
25	1	1	PI/2 BPSK	24.38	24.42	24.45	24.04	24.20	24.19	27.22	27.32	27.33	27.70	0.5888		
25	1	131		24.38	24.45	24.30	24.25	24.09	24.43	27.33	27.28	27.38				
25	64	32		24.37	24.35	24.45	24.22	24.26	24.19	27.31	27.32	27.33				
25	1	0		20.89	20.81	20.84	20.77	20.78	20.82	23.84	23.81	23.84				
25	1	132		20.96	20.84	20.94	20.78	20.73	20.82	23.88	23.80	23.89				
25	128	0		23.36	23.44	23.46	23.22	23.30	23.36	26.30	26.38	26.42				
25	1	1	QPSK	23.92	23.86	23.91	23.60	23.70	23.74	26.77	26.79	26.84			26.13	0.4102
25	1	131		23.83	23.93	23.92	23.73	23.60	23.91	26.79	26.78	26.93				
25	64	32		23.88	23.86	23.92	23.70	23.76	23.68	26.80	26.82	26.81				
25	1	0		20.92	20.94	20.90	20.80	20.76	20.86	23.87	23.86	23.89				
25	1	132		20.95	20.82	20.97	20.80	20.74	20.87	23.89	23.79	23.93				
25	128	0		22.45	22.47	22.48	22.27	22.31	22.41	25.37	25.40	25.46				
25	1	1	16-QAM	22.78	22.85	22.84	22.64	22.64	22.75	25.72	25.76	25.81	26.13	0.4102		
25	1	1	64-QAM	21.32	21.37	21.21	21.12	21.09	21.18	24.23	24.24	24.21				
25	1	1	256-QAM	18.99	19.04	18.92	18.82	18.79	18.84	21.92	21.93	21.89				
BW	RB	RB	Mod	Antenna 0			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
30	1	1	PI/2 BPSK	24.44	24.44	24.53	24.15	24.16	24.27	27.31	27.31	27.41	27.73	0.5929		
30	1	158		24.42	24.50	24.33	24.33	24.08	24.43	27.39	27.31	27.39				
30	80	40		24.38	24.35	24.44	24.26	24.26	24.17	27.33	27.32	27.32				
30	1	0		20.93	20.91	20.93	20.82	20.72	20.80	23.89	23.83	23.88				
30	1	159		20.99	20.87	20.97	20.86	20.76	20.87	23.94	23.83	23.93				
30	160	0		23.44	23.50	23.49	23.28	23.28	23.29	26.37	26.40	26.40				
30	1	1	QPSK	24.00	23.83	23.94	23.66	23.66	23.80	26.84	26.76	26.88			26.12	0.4093
30	1	158		23.93	23.95	24.02	23.84	23.57	23.94	26.90	26.77	26.99				
30	80	40		23.90	23.86	23.84	23.78	23.76	23.67	26.85	26.82	26.77				
30	1	0		20.94	20.91	20.96	20.86	20.77	20.83	23.91	23.85	23.91				
30	1	159		21.01	20.84	20.97	20.87	20.76	20.93	23.95	23.81	23.96				
30	160	0		22.45	22.49	22.49	22.29	22.31	22.31	25.38	25.41	25.41				
30	1	1	16-QAM	22.79	22.80	22.86	22.71	22.64	22.72	25.76	25.73	25.80	26.12	0.4093		
30	1	1	64-QAM	21.36	21.29	21.24	21.15	21.06	21.15	24.27	24.19	24.21				
30	1	1	256-QAM	18.97	18.97	18.96	18.85	18.74	18.82	21.92	21.87	21.90				
BW	RB	RB	Mod	Antenna 0			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
35	1	1	PI/2 BPSK	24.41	24.34	24.36	24.05	24.06	24.21	27.24	27.21	27.30	27.73	0.5929		
35	1	186		24.42	24.36	24.41	24.30	24.00	24.39	27.37	27.19	27.41				
35	90	45		24.37	24.38	24.45	24.21	24.30	24.20	27.30	27.35	27.34				
35	1	0		20.83	20.86	20.94	20.71	20.68	20.79	23.78	23.78	23.88				
35	1	187		20.87	20.83	20.92	20.80	20.66	20.81	23.85	23.76	23.88				
35	180	0		23.37	23.45	23.47	23.27	23.28	23.31	26.33	26.38	26.40				
35	1	1	QPSK	23.90	23.73	23.84	23.56	23.62	23.73	26.74	26.69	26.80			26.36	0.4325
35	1	186		23.89	24.00	24.07	23.78	23.55	23.86	26.85	26.79	26.98				
35	90	45		23.88	23.88	23.99	23.76	23.79	23.70	26.83	26.85	26.86				
35	1	0		20.84	20.86	20.98	20.76	20.67	20.78	23.81	23.78	23.89				
35	1	187		20.94	20.79	20.97	20.81	20.66	20.93	23.89	23.74	23.96				
35	180	0		22.39	22.44	22.47	22.28	22.29	22.35	25.35	25.38	25.42				
35	1	1	16-QAM	23.09	22.73	22.84	22.96	22.61	22.69	26.04	25.68	25.78	26.36	0.4325		
35	1	1	64-QAM	21.27	21.20	21.36	21.05	21.00	21.19	24.17	24.11	24.29				
35	1	1	256-QAM	18.91	18.91	18.98	18.74	18.70	18.83	21.84	21.82	21.92				
BW	RB	RB	Mod	Antenna 0			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
40	1	1	PI/2 BPSK	24.35	24.30	24.28	24.06	24.08	24.22	27.22	27.20	27.26	27.71	0.5902		
40	1	214		24.47	24.38	24.33	24.21	24.02	24.43	27.35	27.21	27.39				
40	108	54		24.35	24.36	24.47	24.32	24.25	24.26	27.35	27.32	27.38				
40	1	0		20.86	20.85	20.98	20.76	20.64	20.79	23.82	23.76	23.90				
40	1	215		20.84	20.85	20.96	20.79	20.63	20.83	23.83	23.75	23.91				
40	216	0		23.37	23.39	23.46	23.29	23.25	23.33	26.34	26.33	26.41				
40	1	1	QPSK	23.87	23.71	23.78	23.62	23.62	23.75	26.76	26.68	26.78			26.08	0.4055
40	1	214		23.78	23.89	24.06	23.75	23.52	23.87	26.78	26.72	26.98				
40	108	54		23.87	23.90	23.98	23.82	23.75	23.76	26.86	26.84	26.88				
40	1	0		20.87	20.96	20.96	20.81	20.74	20.79	23.85	23.86	23.89				
40	1	215		20.91	20.79	20.93	20.79	20.64	20.89	23.86	23.73	23.92				
40	216	0		22.38	22.45	22.47	22.30	22.28	22.33	25.35	25.38	25.41				
40	1	1	16-QAM	22.75	22.77	22.82	22.67	22.55	22.67	25.72	25.67	25.76	26.08	0.4055		
40	1	1	64-QAM	21.29	21.17	21.39	21.07	21.00	21.19	24.19	24.10	24.30				
40	1	1	256-QAM	18.91	18.95	19.00	18.81	18.72	18.83	21.87	21.85	21.93				
Limit	EIRP < 2W			Result									Pass			



<NR n25 MIMO ANT 0+5>

NR n25 Maximum Average Power [dBm] (GT - LC = 1.78 dB)																
BW	RB	RB	Mod	Antenna 0			Antenna 5			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
5	1	1	PI/2 BPSK	24.35	24.04	24.01	23.93	24.04	24.14	27.16	27.05	27.09	28.97	0.7889		
5	1	23		24.26	24.09	24.14	23.90	24.04	24.21	27.09	27.08	27.19				
5	12	6		24.20	23.91	23.84	23.82	23.92	24.07	27.02	26.93	26.97				
5	1	0		20.82	20.75	20.63	20.61	20.56	20.62	23.73	23.67	23.64				
5	1	24		20.88	20.70	20.67	20.61	20.56	20.71	23.76	23.64	23.70				
5	25	0		23.40	23.27	23.17	23.11	23.05	23.19	26.27	26.17	26.19				
5	1	1	QPSK	23.83	23.57	23.53	23.46	23.57	23.69	26.66	26.58	26.62			27.38	0.5470
5	1	23		23.73	23.64	23.54	23.43	23.57	23.72	26.59	26.62	26.64				
5	12	6		23.86	23.54	23.52	23.45	23.57	23.70	26.67	26.57	26.62				
5	1	0		20.83	20.74	20.62	20.62	20.58	20.63	23.74	23.67	23.64				
5	1	24		20.80	20.75	20.67	20.57	20.62	20.72	23.70	23.70	23.71				
5	25	0		22.42	22.30	22.21	22.13	22.11	22.24	25.29	25.22	25.24				
5	1	1	16-QAM	22.70	22.59	22.55	22.48	22.43	22.59	25.60	25.52	25.58	27.38	0.5470		
5	1	1	64-QAM	21.24	21.11	20.95	20.94	20.88	20.95	24.10	24.01	23.96				
5	1	1	256-QAM	18.90	18.76	18.82	18.66	18.59	18.86	21.79	21.69	21.85				
BW	RB	RB	Mod	Antenna 0			Antenna 5			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
10	1	1	PI/2 BPSK	24.39	24.00	24.13	24.01	24.02	24.00	27.21	27.02	27.08	28.99	0.7925		
10	1	50		24.32	24.10	24.12	23.96	24.03	24.27	27.15	27.08	27.21				
10	25	12		24.31	24.05	24.04	24.01	24.04	24.17	27.17	27.06	27.12				
10	1	0		20.94	20.79	20.70	20.75	20.58	20.59	23.86	23.70	23.66				
10	1	51		20.91	20.72	20.72	20.63	20.61	20.78	23.78	23.68	23.76				
10	50	0		23.46	23.28	23.17	23.19	23.10	23.17	26.34	26.20	26.18				
10	1	1	QPSK	23.89	23.53	23.61	23.54	23.55	23.49	26.73	26.55	26.56			27.48	0.5598
10	1	50		23.82	23.63	23.56	23.52	23.52	23.78	26.68	26.59	26.68				
10	25	12		23.83	23.57	23.59	23.50	23.56	23.69	26.68	26.58	26.65				
10	1	0		20.92	20.78	20.74	20.78	20.59	20.62	23.86	23.70	23.69				
10	1	51		20.96	20.74	20.74	20.69	20.61	20.78	23.84	23.69	23.77				
10	50	0		22.44	22.27	22.18	22.18	22.08	22.20	25.32	25.19	25.20				
10	1	1	16-QAM	22.77	22.64	22.56	22.60	22.46	22.46	25.70	25.56	25.52	27.48	0.5598		
10	1	1	64-QAM	21.36	21.22	21.06	21.09	20.93	20.94	24.24	24.09	24.01				
10	1	1	256-QAM	19.14	18.85	18.73	18.94	18.64	18.58	22.05	21.76	21.67				
BW	RB	RB	Mod	Antenna 0			Antenna 5			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
15	1	1	PI/2 BPSK	24.41	24.10	24.25	23.97	24.07	24.04	27.21	27.10	27.16	29.05	0.8035		
15	1	77		24.25	24.16	24.19	24.01	24.04	24.33	27.14	27.11	27.27				
15	36	18		24.27	24.05	24.12	23.94	24.04	24.10	27.12	27.06	27.12				
15	1	0		20.93	20.77	20.74	20.71	20.56	20.60	23.83	23.68	23.68				
15	1	78		20.85	20.79	20.73	20.61	20.62	20.80	23.74	23.72	23.78				
15	75	0		23.43	23.30	23.19	23.12	23.02	23.19	26.29	26.17	26.20				
15	1	1	QPSK	23.90	23.57	23.68	23.57	23.56	23.55	26.75	26.58	26.63			27.45	0.5559
15	1	77		23.78	23.71	23.61	23.57	23.59	23.84	26.69	26.66	26.74				
15	36	18		23.83	23.57	23.65	23.51	23.58	23.65	26.68	26.59	26.66				
15	1	0		20.92	20.80	20.81	20.73	20.60	20.66	23.84	23.71	23.75				
15	1	78		20.91	20.80	20.76	20.68	20.65	20.83	23.81	23.74	23.81				
15	75	0		22.42	22.30	22.22	22.13	22.08	22.20	25.29	25.20	25.22				
15	1	1	16-QAM	22.74	22.56	22.69	22.57	22.42	22.47	25.67	25.50	25.59	27.45	0.5559		
15	1	1	64-QAM	21.53	21.23	21.23	21.22	20.93	20.93	24.39	24.09	24.09				
15	1	1	256-QAM	18.99	18.86	18.84	18.77	18.64	18.61	21.89	21.76	21.74				
BW	RB	RB	Mod	Antenna 0			Antenna 5			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
20	1	1	PI/2 BPSK	24.38	24.10	24.29	23.95	24.03	24.05	27.18	27.08	27.18	29.08	0.8091		
20	1	104		24.14	24.17	24.20	24.03	24.04	24.38	27.10	27.12	27.30				
20	50	25		24.30	24.13	24.28	24.02	24.11	24.19	27.17	27.13	27.25				
20	1	0		20.89	20.76	20.76	20.66	20.57	20.65	23.79	23.68	23.72				
20	1	105		20.85	20.77	20.73	20.59	20.61	20.82	23.73	23.70	23.79				
20	100	0		23.42	23.33	23.24	23.15	23.14	23.23	26.30	26.25	26.25				
20	1	1	QPSK	23.89	23.58	23.78	23.51	23.53	23.62	26.71	26.57	26.71			27.40	0.5495
20	1	104		23.65	23.69	23.64	23.56	23.55	23.89	26.62	26.63	26.78				
20	50	25		23.79	23.59	23.75	23.48	23.60	23.64	26.65	26.61	26.71				
20	1	0		20.88	20.77	20.81	20.69	20.60	20.69	23.80	23.70	23.76				
20	1	105		20.85	20.79	20.72	20.61	20.64	20.83	23.74	23.73	23.79				
20	100	0		22.43	22.33	22.23	22.13	22.14	22.23	25.29	25.25	25.24				
20	1	1	16-QAM	22.67	22.62	22.68	22.51	22.46	22.53	25.60	25.55	25.62	27.40	0.5495		
20	1	1	64-QAM	21.30	21.16	21.16	20.98	20.88	20.98	24.15	24.03	24.08				
20	1	1	256-QAM	18.94	18.81	18.84	18.71	18.63	18.70	21.84	21.73	21.78				
Limit	EIRP < 2W			Result									Pass			



NR n25 Maximum Average Power [dBm] (GT - LC = 1.78 dB)																		
BW	RB	RB	Mod	Antenna 0			Antenna 5			Combine			EIRP	EIRP				
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)				
25	1	1	PI/2 BPSK	24.28	24.15	24.14	23.83	23.87	23.87	27.07	27.02	27.02	28.94	0.7834				
25	1	131		24.14	24.20	24.15	23.90	23.82	24.15	27.03	27.02	27.16						
25	64	32		24.25	24.14	24.24	23.98	23.98	23.94	27.13	27.07	27.10						
25	1	0		20.80	20.72	20.63	20.53	20.47	20.49	23.68	23.61	23.57						
25	1	132		20.73	20.62	20.67	20.45	20.53	20.62	23.60	23.59	23.66						
25	128	0		23.25	23.25	23.27	23.01	23.04	23.16	26.14	26.16	26.23						
25	1	1	QPSK	23.82	23.69	23.66	23.38	23.44	23.43	26.62	26.58	26.56			27.45	0.5559		
25	1	131		23.64	23.68	23.59	23.44	23.39	23.61	26.55	26.55	26.61						
25	64	32		23.75	23.67	23.72	23.45	23.49	23.44	26.61	26.59	26.59						
25	1	0		20.82	20.77	20.65	20.57	20.51	20.53	23.71	23.65	23.60						
25	1	132		20.75	20.67	20.69	20.50	20.52	20.64	23.64	23.61	23.68						
25	128	0		22.34	22.32	22.30	22.03	22.08	22.16	25.20	25.21	25.24						
25	1	1	16-QAM	22.79	22.56	22.59	22.53	22.33	22.40	25.67	25.46	25.51						
25	1	1	64-QAM	21.20	21.15	20.95	20.89	20.84	20.87	24.06	24.01	23.92					27.45	0.5559
25	1	1	256-QAM	18.91	18.83	18.72	18.60	18.55	18.59	21.77	21.70	21.67						
BW	RB	RB	Mod	Antenna 0			Antenna 5			Combine			EIRP	EIRP				
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)				
30	1	1	PI/2 BPSK	24.42	24.24	24.22	23.93	23.88	23.96	27.19	27.07	27.10	29.01	0.7962				
30	1	158		24.16	24.24	24.21	23.96	23.80	24.23	27.07	27.04	27.23						
30	80	40		24.26	24.13	24.22	24.03	24.00	23.95	27.16	27.08	27.10						
30	1	0		20.87	20.71	20.70	20.64	20.45	20.51	23.77	23.59	23.62						
30	1	159		20.85	20.60	20.69	20.64	20.49	20.68	23.76	23.56	23.70						
30	160	0		23.34	23.32	23.28	23.07	23.04	23.09	26.22	26.19	26.20						
30	1	1	QPSK	23.87	23.63	23.66	23.44	23.38	23.47	26.67	26.52	26.58			27.41	0.5508		
30	1	158		23.56	23.80	23.73	23.44	23.31	23.71	26.51	26.57	26.73						
30	80	40		23.78	23.68	23.71	23.53	23.49	23.47	26.67	26.60	26.60						
30	1	0		20.90	20.77	20.71	20.65	20.46	20.54	23.79	23.63	23.64						
30	1	159		20.80	20.69	20.76	20.59	20.53	20.74	23.71	23.62	23.76						
30	160	0		22.35	22.29	22.33	22.09	22.04	22.08	25.23	25.18	25.22						
30	1	1	16-QAM	22.73	22.64	22.58	22.50	22.35	22.41	25.63	25.51	25.51						
30	1	1	64-QAM	21.43	21.11	20.95	21.09	20.80	20.87	24.27	23.97	23.92					27.41	0.5508
30	1	1	256-QAM	18.93	18.82	18.71	18.66	18.51	18.59	21.81	21.68	21.66						
BW	RB	RB	Mod	Antenna 0			Antenna 5			Combine			EIRP	EIRP				
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)				
35	1	1	PI/2 BPSK	24.32	24.09	24.05	23.81	23.81	23.87	27.08	26.96	26.97	29.01	0.7962				
35	1	186		24.15	24.18	24.21	23.93	23.73	24.22	27.05	26.97	27.23						
35	90	45		24.25	24.15	24.24	23.98	24.00	23.99	27.13	27.09	27.13						
35	1	0		20.77	20.72	20.68	20.53	20.44	20.49	23.66	23.59	23.60						
35	1	187		20.67	20.61	20.68	20.51	20.46	20.67	23.60	23.55	23.69						
35	180	0		23.28	23.29	23.14	23.03	23.03	23.09	26.17	26.17	26.13						
35	1	1	QPSK	23.81	23.54	23.58	23.38	23.36	23.40	26.61	26.46	26.50			27.35	0.5433		
35	1	186		23.66	23.72	23.73	23.48	23.21	23.66	26.58	26.48	26.71						
35	90	45		23.76	23.64	23.76	23.50	23.51	23.49	26.64	26.59	26.64						
35	1	0		20.79	20.75	20.68	20.54	20.43	20.47	23.68	23.60	23.59						
35	1	187		20.70	20.61	20.72	20.53	20.45	20.71	23.63	23.54	23.73						
35	180	0		22.29	22.28	22.21	22.04	22.02	22.12	25.18	25.16	25.18						
35	1	1	16-QAM	22.68	22.59	22.58	22.43	22.32	22.39	25.57	25.47	25.50						
35	1	1	64-QAM	21.16	21.07	21.12	20.85	20.76	20.85	24.02	23.93	24.00					27.35	0.5433
35	1	1	256-QAM	18.87	18.81	18.77	18.58	18.49	18.56	21.74	21.66	21.68						
BW	RB	RB	Mod	Antenna 0			Antenna 5			Combine			EIRP	EIRP				
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)				
40	1	1	PI/2 BPSK	24.24	24.11	24.15	23.76	23.80	23.96	27.02	26.97	27.07	28.99	0.7925				
40	1	214		24.10	24.16	24.20	23.86	23.75	24.19	26.99	26.97	27.21						
40	108	54		24.17	24.14	24.26	24.01	23.97	24.06	27.10	27.07	27.17						
40	1	0		20.80	20.75	20.83	20.51	20.47	20.57	23.67	23.62	23.71						
40	1	215		20.66	20.60	20.70	20.47	20.42	20.67	23.58	23.52	23.70						
40	216	0		23.25	23.14	23.20	23.01	22.98	23.12	26.14	26.07	26.17						
40	1	1	QPSK	23.75	23.56	23.59	23.34	23.38	23.46	26.56	26.48	26.54			27.29	0.5358		
40	1	214		23.62	23.74	23.62	23.42	23.28	23.69	26.53	26.53	26.67						
40	108	54		23.71	23.69	23.78	23.52	23.50	23.54	26.63	26.61	26.67						
40	1	0		20.81	20.78	20.74	20.53	20.41	20.50	23.68	23.61	23.63						
40	1	215		20.71	20.62	20.76	20.46	20.43	20.76	23.60	23.54	23.77						
40	216	0		22.25	22.26	22.26	22.01	22.02	22.13	25.14	25.15	25.21						
40	1	1	16-QAM	22.63	22.68	22.59	22.37	22.26	22.39	25.51	25.49	25.50						
40	1	1	64-QAM	21.33	21.02	21.35	20.95	20.76	21.06	24.15	23.90	24.22					27.29	0.5358
40	1	1	256-QAM	18.88	18.83	18.83	18.57	18.52	18.58	21.74	21.69	21.72						
Limit	EIRP < 2W			Result									Pass					



<NR n26 SISO Ant 0>

NR n26 Maximum Average Power [dBm] (GT - LC = -4.7 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
5	1	1	PI/2 BPSK	24.17	24.25	24.25	17.52	0.0565		
5	1	23		24.23	24.25	24.31				
5	12	6		24.12	24.11	24.11				
5	1	0		23.75	23.72	23.69				
5	1	24		23.74	23.76	23.82				
5	25	0		23.70	23.71	23.82				
5	1	1	QPSK	24.18	24.25	24.21				
5	1	23		24.27	24.28	24.37				
5	12	6		24.26	24.26	24.29				
5	1	0		23.21	23.28	23.20				
5	1	24		23.28	23.32	23.37				
5	25	0		23.24	23.26	23.38				
5	1	1	16-QAM	23.20	23.25	23.34	16.49	0.0446		
5	1	1	64-QAM	21.71	21.79	21.79				
5	1	1	256-QAM	19.63	19.69	19.71				
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
10	1	1	PI/2 BPSK	24.28	24.23	24.19	17.47	0.0558		
10	1	50		24.32	24.24	24.27				
10	25	12		24.18	24.26	24.11				
10	1	0		23.71	23.82	23.68				
10	1	51		23.84	23.72	23.78				
10	50	0		23.69	23.72	23.72				
10	1	1	QPSK	24.23	24.30	24.20				
10	1	50		24.31	24.23	24.27				
10	25	12		24.23	24.25	24.18				
10	1	0		23.25	23.25	23.23				
10	1	51		23.32	23.24	23.28				
10	50	0		23.21	23.26	23.23				
10	1	1	16-QAM	23.17	23.26	23.27	16.42	0.0439		
10	1	1	64-QAM	21.80	21.88	21.82				
10	1	1	256-QAM	19.58	19.65	19.61				
Limit	ERP < 7W			Result			Pass			



NR n26 Maximum Average Power [dBm] (GT - LC = -4.7 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
15	1	1	PI/2 BPSK	24.29	24.26	24.21	17.59	0.0574		
15	1	77		24.33	24.21	24.28				
15	36	18		24.10	24.17	24.15				
15	1	0		23.69	23.79	23.73				
15	1	78		23.84	23.72	23.83				
15	75	0		23.70	23.75	23.73				
15	1	1	QPSK	24.23	24.31	24.22				
15	1	77		24.28	24.20	24.44				
15	36	18		24.16	24.25	24.18				
15	1	0		23.26	23.25	23.24				
15	1	78		23.31	23.19	23.30				
15	75	0		23.21	23.29	23.10				
15	1	1	16-QAM	23.18	23.36	23.27	16.51	0.0448		
15	1	1	64-QAM	21.72	21.88	21.76				
15	1	1	256-QAM	19.59	19.65	19.59				
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
20	1	1	PI/2 BPSK	24.26	24.28	24.25	17.45	0.0556		
20	1	104		24.24	24.23	24.30				
20	50	25		24.18	24.24	24.25				
20	1	0		23.76	23.81	23.76				
20	1	105		23.75	23.71	23.81				
20	100	0		23.73	23.77	23.75				
20	1	1	QPSK	24.19	24.24	24.26				
20	1	104		24.21	24.23	24.29				
20	50	25		24.18	24.27	24.26				
20	1	0		23.22	23.30	23.28				
20	1	105		23.23	23.28	23.34				
20	100	0		23.23	23.28	23.23				
20	1	1	16-QAM	23.15	23.30	23.27	16.45	0.0442		
20	1	1	64-QAM	21.69	21.86	21.85				
20	1	1	256-QAM	19.52	19.60	19.57				
Limit	ERP < 7W			Result			Pass			



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NR n26 Maximum Average Power [dBm] (GT - LC = -6.3 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
5	1	1	PI/2 BPSK	24.12	24.31	24.32	15.97	0.0395		
5	1	23		24.13	24.30	24.29				
5	12	6		24.04	24.20	24.42				
5	1	0		23.64	23.79	23.99				
5	1	24		23.68	23.82	24.12				
5	25	0		23.66	23.81	24.11				
5	1	1	QPSK	24.17	24.31	24.36				
5	1	23		24.22	24.33	24.42				
5	12	6		24.15	24.31	24.41				
5	1	0		23.17	23.27	23.48				
5	1	24		23.21	23.32	23.62				
5	25	0		23.21	23.35	23.63				
5	1	1	16-QAM	23.30	23.35	23.56	15.11	0.0324		
5	1	1	64-QAM	21.65	21.83	21.99				
5	1	1	256-QAM	19.53	19.66	19.89				
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
10	1	1	PI/2 BPSK	24.26	24.25	24.34	15.96	0.0394		
10	1	50		24.39	24.36	24.38				
10	25	12		24.18	24.33	24.40				
10	1	0		23.66	23.75	23.80				
10	1	51		23.89	23.86	24.18				
10	50	0		23.70	23.83	24.00				
10	1	1	QPSK	24.15	24.27	24.30				
10	1	50		24.24	24.30	24.40				
10	25	12		24.19	24.36	24.41				
10	1	0		23.12	23.27	23.32				
10	1	51		23.27	23.41	23.60				
10	50	0		23.22	23.33	23.49				
10	1	1	16-QAM	23.16	23.27	23.44	14.99	0.0316		
10	1	1	64-QAM	21.64	21.83	21.94				
10	1	1	256-QAM	19.48	19.60	19.71				
Limit	ERP < 7W			Result			Pass			



NR n26 Maximum Average Power [dBm] (GT - LC = -6.3 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
15	1	1	PI/2 BPSK	24.25	24.33	24.30	15.98	0.0396		
15	1	77		24.42	24.39	24.43				
15	36	18		24.12	24.22	24.30				
15	1	0		23.66	23.68	23.82				
15	1	78		23.90	24.00	24.20				
15	75	0		23.72	23.76	23.89				
15	1	1	QPSK	24.15	24.18	24.30				
15	1	77		24.30	24.37	24.39				
15	36	18		24.17	24.29	24.29				
15	1	0		23.14	23.17	23.28				
15	1	78		23.31	23.41	23.64				
15	75	0		23.25	23.30	23.41				
15	1	1	16-QAM	23.07	23.23	23.30	14.85	0.0305		
15	1	1	64-QAM	21.72	21.81	21.77				
15	1	1	256-QAM	19.48	19.59	19.64				
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
20	1	1	PI/2 BPSK	24.27	24.27	24.17	15.97	0.0395		
20	1	104		24.40	24.35	24.42				
20	50	25		24.30	24.30	24.32				
20	1	0		23.64	23.77	23.81				
20	1	105		23.94	24.12	24.21				
20	100	0		23.80	23.83	23.85				
20	1	1	QPSK	24.13	24.15	24.19				
20	1	104		24.33	24.41	24.38				
20	50	25		24.24	24.31	24.34				
20	1	0		23.15	23.11	23.20				
20	1	105		23.43	23.50	23.59				
20	100	0		23.29	23.31	23.35				
20	1	1	16-QAM	23.12	23.22	23.15	14.77	0.0300		
20	1	1	64-QAM	21.63	21.71	21.73				
20	1	1	256-QAM	19.42	19.45	19.56				
Limit	ERP < 7W			Result			Pass			



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.



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)
8. For MIMO mode, add additional MIMO factor $10\log(NTX=2) = 3.01$ dB into the spectrum analyzer offset.

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.

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 conducted spurious emission for the whole frequency range was taken.
4. Make the measurement with the spectrum analyzer's RBW = 100 kHz if the authorized frequency band/block is at or below 1 GHz and 1 MHz if the authorized frequency band/block is above 1 GH, VBW = 3 * RBW.
5. Set spectrum analyzer with RMS detector.
6. Taking the record of maximum spurious emission.
7. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
8. The limit line is derived from $43 + 10\log(P)$ dB below the transmitter power P(Watts)
9. For MIMO mode, add additional MIMO factor $10\log(NTX=2) = 3.01$ dB into the spectrum analyzer offset.

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

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.

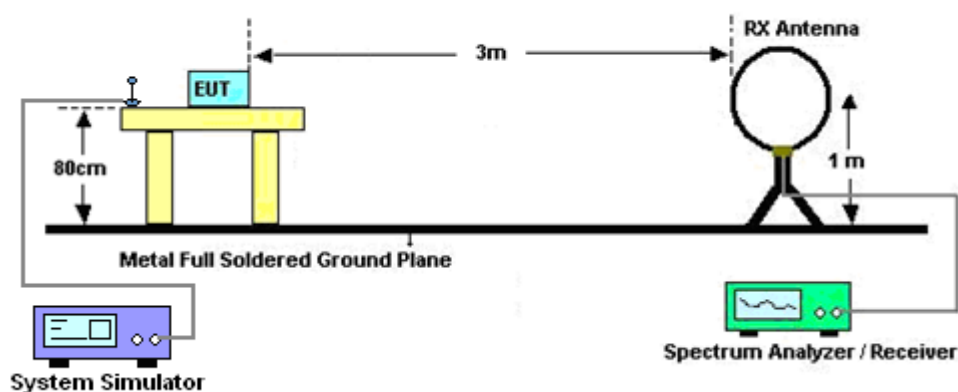
4 Radiated Test Items

4.1 Measuring Instruments

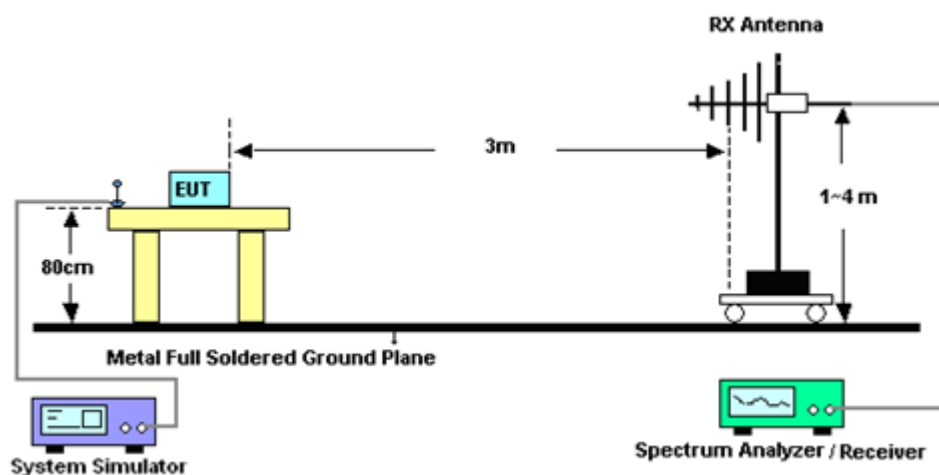
See list of measuring instruments of this test report.

4.1.1 Test Setup

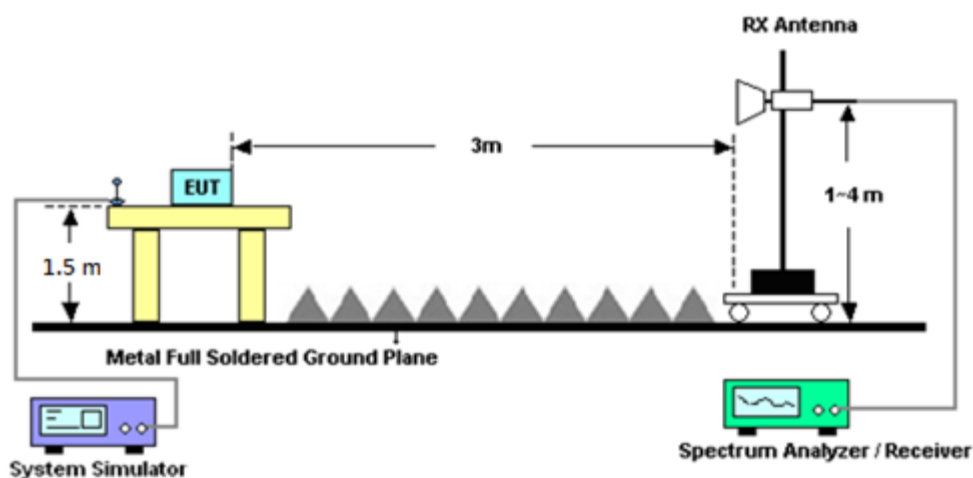
For radiated test below 30MHz



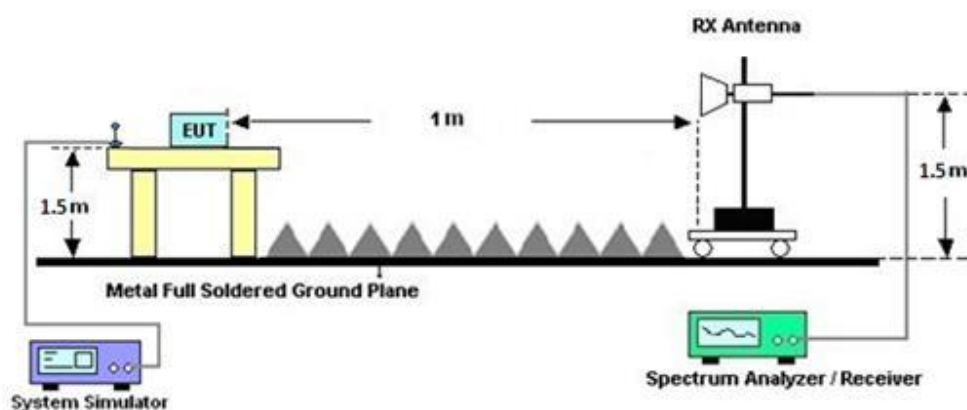
For radiated test from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



4.1.2 Test Result of Radiated Test

Please refer to Appendix B.

Note:

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

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

4.2 Radiated Spurious Emission Measurement

4.2.1 Description of Radiated Spurious Emission Measurement

The radiated spurious emission was measured by substitution method according to ANSI C63.26-2015.

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

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

4.2.2 Test Procedures

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

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



5 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
EMI Test Receiver	Keysight	N9038B	MY622101 11	N/A	Aug. 29, 2025	Dec. 05, 2025~ Mar. 24, 2026	Aug. 28, 2026	Radiation (03CH20-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2E	101108	9 kHz~30 MHz	Dec. 18, 2024	Dec. 05, 2025~ Dec. 10, 2025	Dec. 17, 2025	Radiation (03CH20-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2E	101108	9 kHz~30 MHz	Dec. 11, 2025	Dec. 11, 2025~ Mar. 24, 2026	Dec. 10, 2026	Radiation (03CH20-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	May. 26, 2025	Dec. 05, 2025~ Mar. 24, 2026	May. 25, 2026	Radiation (03CH20-HY)
Preamplifier	EMEC	EM18G40G	060871	18GHz~40GHz	Aug. 25, 2025	Dec. 05, 2025~ Mar. 24, 2026	Aug. 24, 2026	Radiation (03CH20-HY)
Controller	ChainTek	3000-1	N/A	Control Turn table & Ant Mast	N/A	Dec. 05, 2025~ Mar. 24, 2026	N/A	Radiation (03CH20-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Dec. 05, 2025~ Mar. 24, 2026	N/A	Radiation (03CH20-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Dec. 05, 2025~ Mar. 24, 2026	N/A	Radiation (03CH20-HY)
Signal Analyzer	Keysight	N9010B	MY542004 85	N/A	Aug. 27, 2025	Dec. 05, 2025~ Dec. 09, 2026	Aug. 26, 2026	Radiation (03CH20-HY)
Signal Analyzer	Keysight	N9010B	MY602405 20	N/A	Dec. 10, 2025	Dec. 10, 2025~ Mar. 24, 2026	Dec. 09, 2026	Radiation (03CH20-HY)
Bilog Antenna	TESEQ	CBL 6111D&00800 N1D01N-06	55606 & 08	30MHz~1GHz	Nov. 26, 2025	Dec. 05, 2025~ Mar. 24, 2026	Nov. 25, 2026	Radiation (03CH20-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	02360	1GHz-18GHz	Nov. 05, 2025	Dec. 05, 2025~ Mar. 24, 2026	Nov. 04, 2026	Radiation (03CH20-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	1223	18GHz-40GHz	Jul. 02, 2025	Dec. 05, 2025~ Mar. 24, 2026	Jul. 01, 2026	Radiation (03CH20-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	1224	18GHz-40GHz	Jul. 02, 2025	Dec. 05, 2025~ Mar. 24, 2026	Jul. 01, 2026	Radiation (03CH20-HY)
Preamplifier	COM-POWER	PAM-103	18020201	1MHz-1000MHz	Dec. 31, 2024	Dec. 05, 2025~ Dec. 29, 2025	Dec. 30, 2025	Radiation (03CH20-HY)
Preamplifier	COM-POWER	PAM-103	18020201	1MHz-1000MHz	Dec. 30, 2025	Dec. 30, 2025~ Mar. 24, 2026	Dec. 29, 2026	Radiation (03CH20-HY)
Amplifier	EMCI	EMC118A45S E	980792	N/A	Nov. 11, 2025	Dec. 05, 2025~ Mar. 24, 2026	Nov. 10, 2026	Radiation (03CH20-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	1223	18GHz-40GHz	Jul. 02, 2025	Dec. 05, 2025~ Mar. 24, 2026	Jul. 01, 2026	Radiation (03CH20-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	1224	18GHz-40GHz	Jul. 02, 2025	Dec. 05, 2025~ Mar. 24, 2026	Jul. 01, 2026	Radiation (03CH20-HY)
Preamplifier	COM-POWER	PAM-103	18020201	1MHz-1000MHz	Dec. 31, 2024	Dec. 05, 2025~ Dec. 29, 2025	Dec. 30, 2025	Radiation (03CH20-HY)
Preamplifier	COM-POWER	PAM-103	18020201	1MHz-1000MHz	Dec. 30, 2025	Dec. 30, 2025~ Mar. 24, 2026	Dec. 29, 2026	Radiation (03CH20-HY)
Amplifier	EMCI	EMC118A45SE	980792	N/A	Nov. 11, 2025	Dec. 05, 2025~ Mar. 24, 2026	Nov. 10, 2026	Radiation (03CH20-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	519229/2,8 04015/2,80 4027/2	N/A	Jan. 16, 2025	Dec. 05, 2025~ Jan. 14, 2026	Jan. 15, 2026	Radiation (03CH20-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	519229/2,8 04015/2,80 4027/2	N/A	Jan. 15, 2026	Jan. 15, 2025~ Mar. 24, 2026	Jan. 14, 2027	Radiation (03CH20-HY)
Hygrometer	TECPEL	DTM-303A	TP211568	N/A	Oct. 21, 2025	Dec. 05, 2025~ Mar. 24, 2026	Oct. 20, 2026	Radiation (03CH20-HY)
Software	Audix	N/A	RK-002156	N/A	N/A	Dec. 05, 2025~ Mar. 24, 2026	N/A	Radiation (03CH20-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
DC Power Supply	GW Instek	GPE-2323	GEU87122 1	0V~64V ;0A~6A	Apr. 14, 2025	Nov. 14, 2025 ~ Apr. 10, 2026	Apr. 13, 2026	Conducted (TH05-HY)
DC Power Supply	GW Instek	GPE-2323	GEU87122 1	0V~64V ;0A~6A	Apr. 17, 2026	May. 25, 2026 ~ May. 27, 2026	Apr. 16, 2027	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV3044	101544	10Hz~44GHz	Aug. 18, 2025	Nov. 14, 2025 ~ May. 27, 2026	Aug. 17, 2026	Conducted (TH05-HY)
Temperature Chamber	ESPEC	SH-641	92003713	-30℃ ~95℃	May. 12, 2025	Nov. 14, 2025 ~ Apr. 10, 2026	May. 11, 2026	Conducted (TH05-HY)
Hygrometer	TECPEL	DTM-303A	TP201996	NA	Nov. 04, 2025	Nov. 14, 2025 ~ May. 27, 2026	Nov. 03, 2026	Conducted (TH05-HY)
Base Station (Measure)	Anritsu	MT8000A	626201291 7	FR1	Jul. 04, 2025	Nov. 14, 2025 ~ May. 27, 2026	Jul. 03, 2026	Conducted (TH05-HY)
Power divider	Anritsu	K241C	2143398	9KHz~40GHz	Jun. 13, 2025	Nov. 14, 2025 ~ May. 27, 2026	Jun. 13, 2026	Conducted (TH05-HY)
RF Cable	MVE	MCBL- LL403P.50	E80002C	9KHz~40GHz	Aug. 01, 2025	Nov. 14, 2025 ~ May. 27, 2026	Jul. 31, 2026	Conducted (TH05-HY)
Software 1	Sporton	FCC 5GNR_FSV30 44_20231106	N/A	Conducted Test Item	N/A	Nov. 14, 2025 ~ May. 27, 2026	N/A	Conducted (TH05-HY)



6 Measurement Uncertainty

<03CH20-HY>

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.50 dB
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Uncertainty of Radiated Emission Measurement (1 GHz ~ 6 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.70 dB
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Uncertainty of Radiated Emission Measurement (6 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.70 dB
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Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.20 dB
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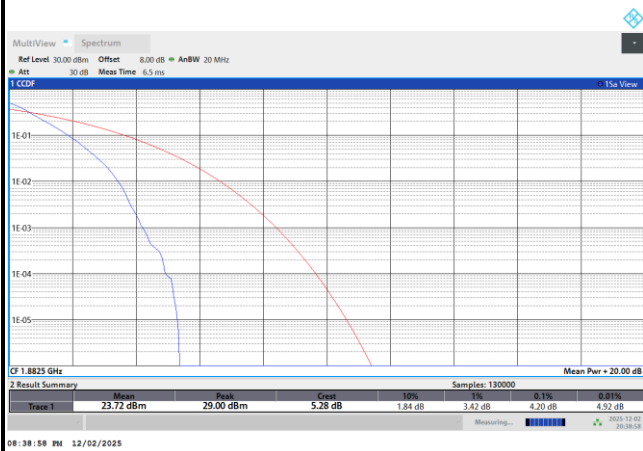
**FR1 n25****<SISO Mode>****Peak-to-Average Ratio**

Mode	FR1 n25 / 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	4.20	5.14	6.00	6.46	PASS
Mode	FR1 n25 / 20MHz / DFT-S OFDM				
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
Middle CH	6.66				PASS

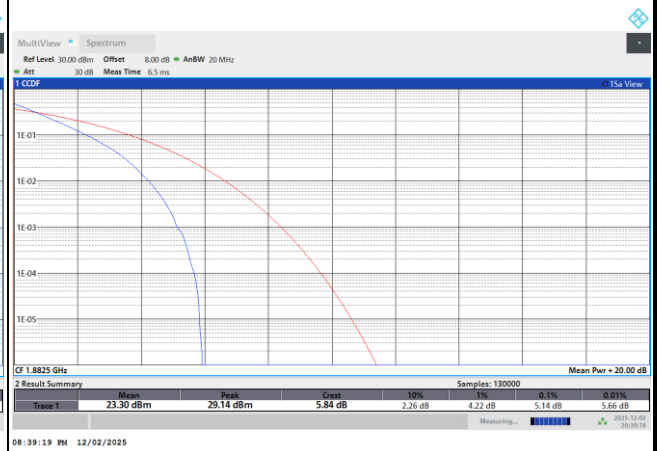


FR1 n25 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

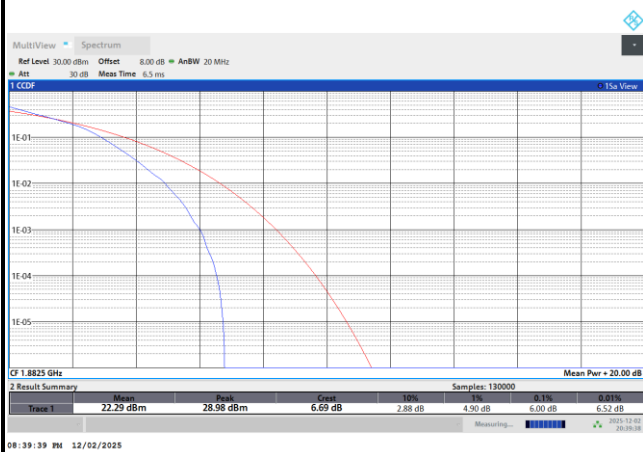
PI/2 BPSK



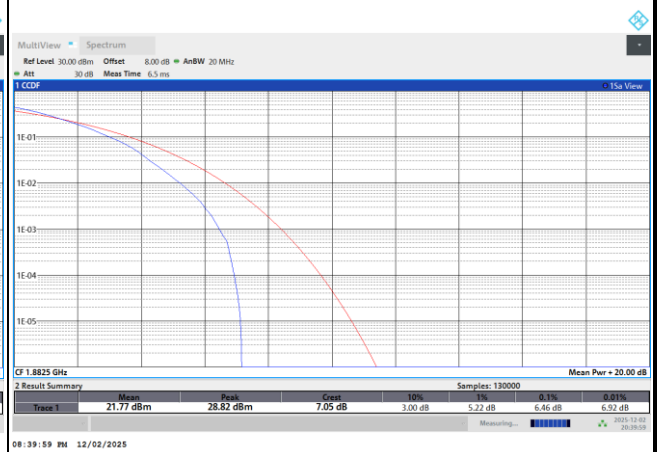
QPSK



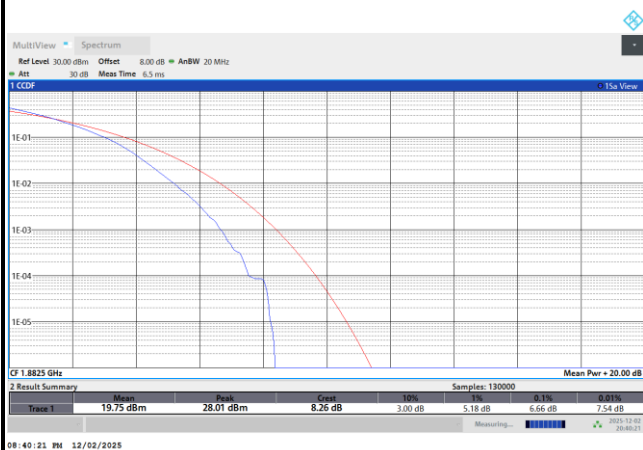
16QAM



64QAM

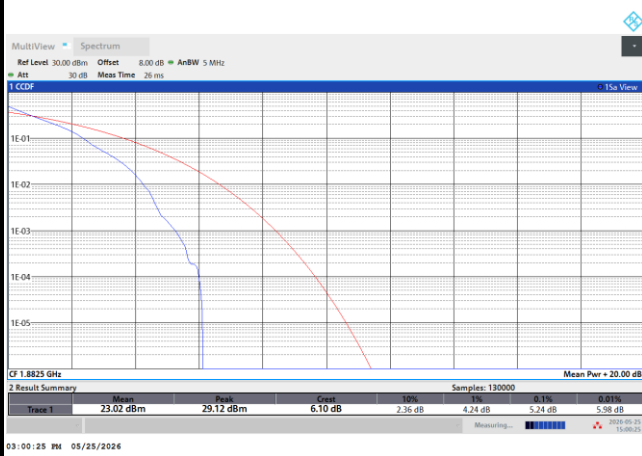
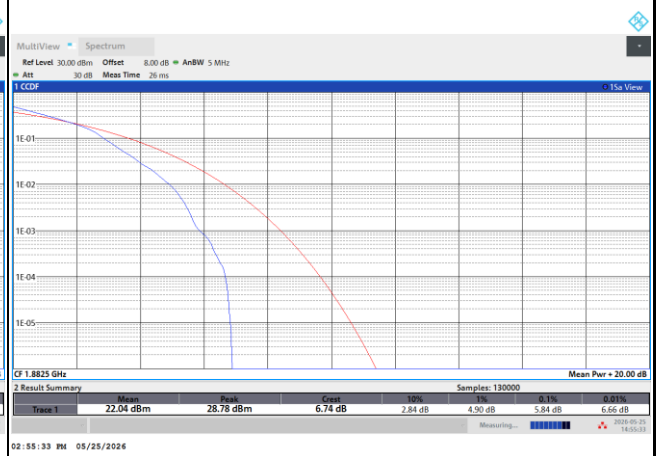
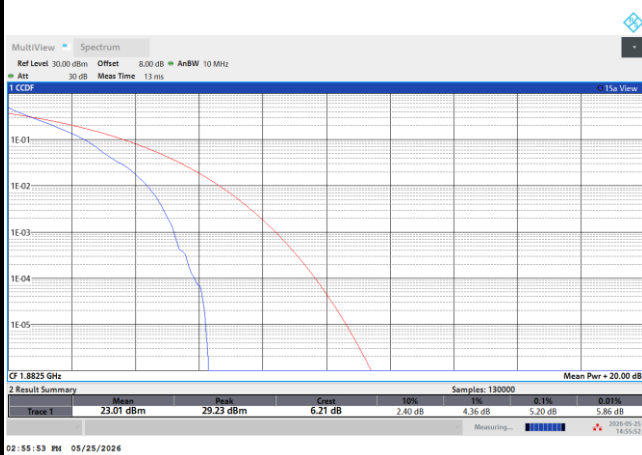
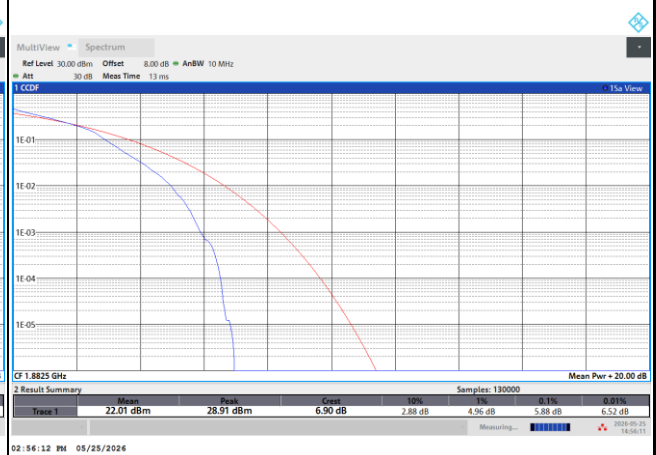
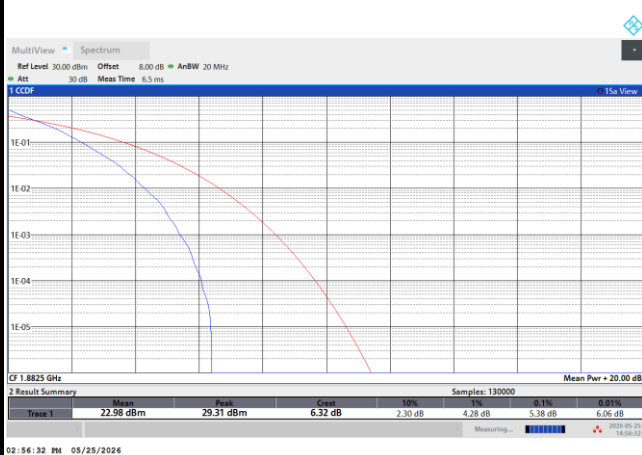
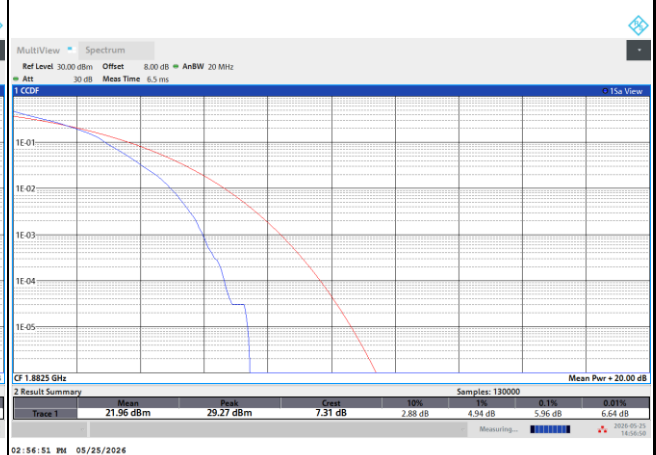


256QAM





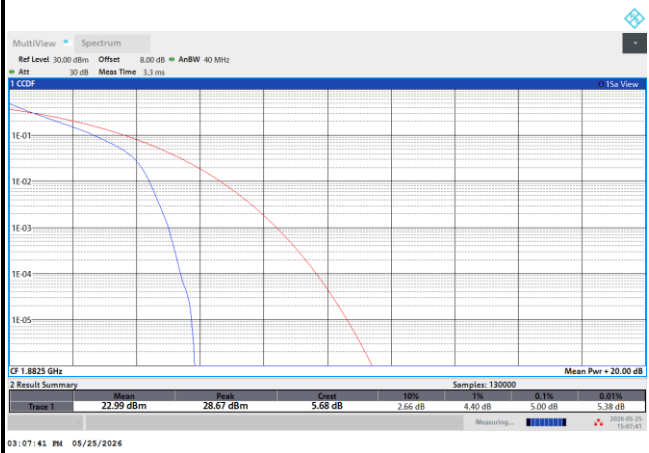
Mode	FR1 n25 / 5MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.24	5.84	PASS
Mode	FR1 n25 / 10MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.20	5.88	PASS
Mode	FR1 n25 / 15MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.38	5.96	PASS
Mode	FR1 n25 / 25MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.00	5.76	PASS
Mode	FR1 n25 / 30MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.10	5.86	PASS
Mode	FR1 n25 / 35MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.06	5.72	PASS
Mode	FR1 n25 / 40MHz / DFT-S OFDM		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.26	5.78	PASS

FR1 n25 / 5MHz / DFTs OFDM / Middle Channel / Full RB
QPSK

16QAM

FR1 n25 / 10MHz / DFTs OFDM / Middle Channel / Full RB
QPSK

16QAM

FR1 n25 / 15MHz / DFTs OFDM / Middle Channel / Full RB
QPSK

16QAM


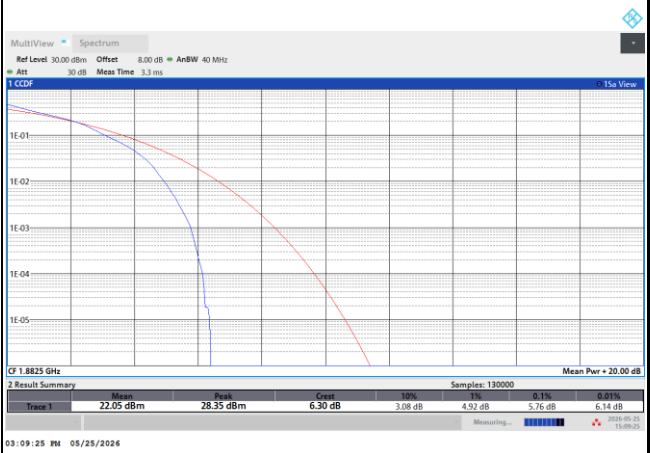


FR1 n25 / 25MHz / DFTs OFDM / Middle Channel / Full RB

QPSK

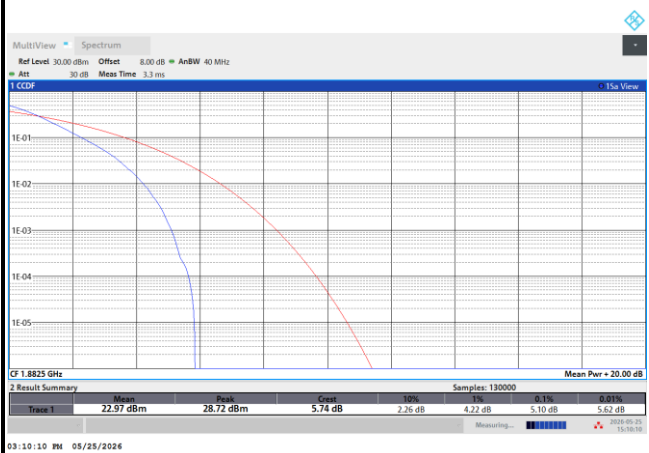


16QAM

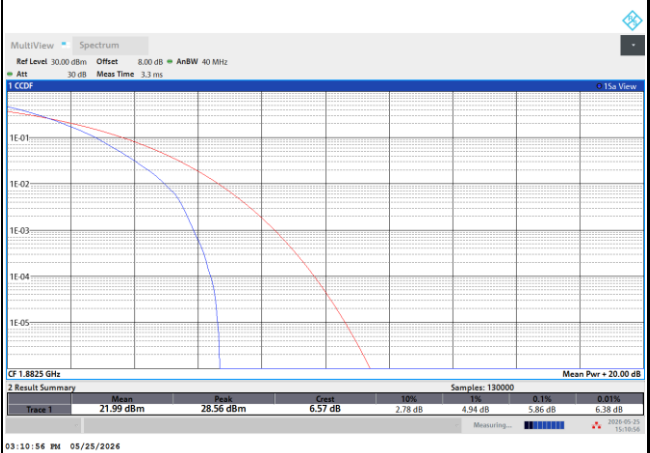


FR1 n25 / 30MHz / DFTs OFDM / Middle Channel / Full RB

QPSK

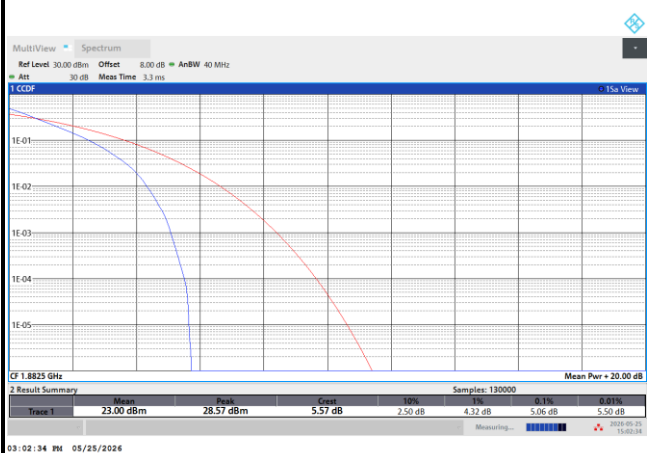


16QAM

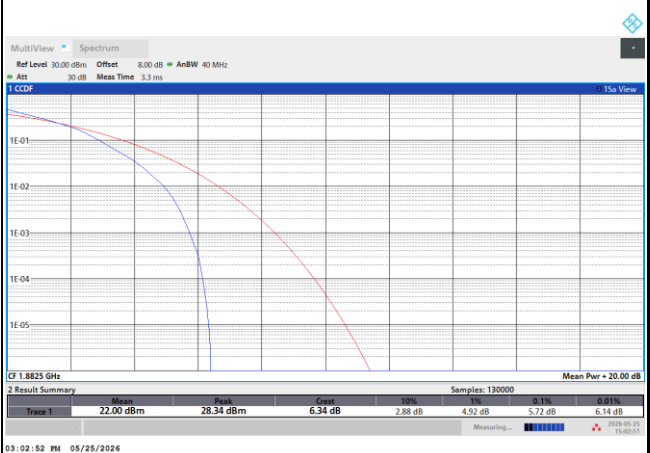


FR1 n25 / 35MHz / DFTs OFDM / Middle Channel / Full RB

QPSK



16QAM

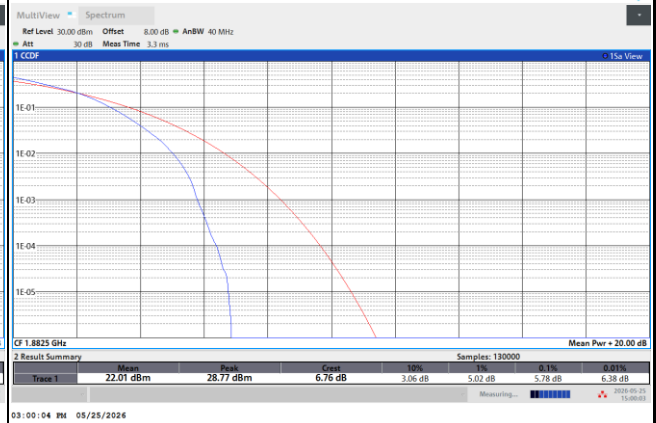
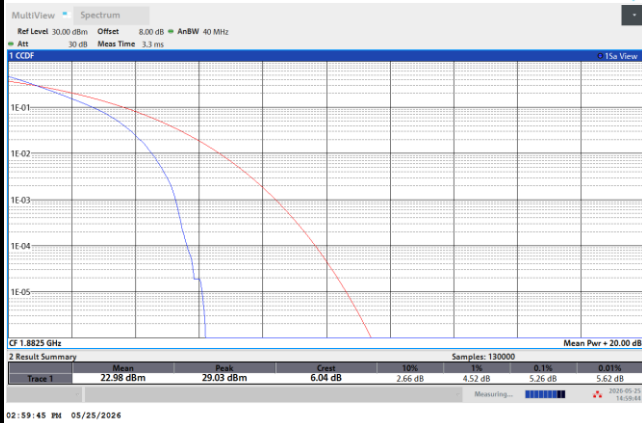




FR1 n25 / 40MHz / DFTs OFDM / Middle Channel / Full RB

QPSK

16QAM



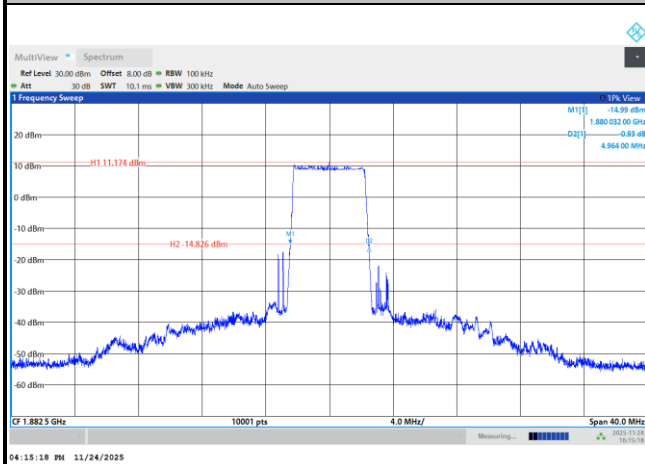
**26dB Bandwidth**

Mode	FR1 n25 : 26dB BW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	4.96	5.50	9.64	9.54	14.44	14.29	19.11	19.13
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	4.93		9.51		15.45		19.16	
BW	25MHz		30MHz		35MHz		40MHz	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	24.65	25.02	31.99	31.40	39.07	34.72	44.39	41.95
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	24.17		55.64		35.48		41.21	

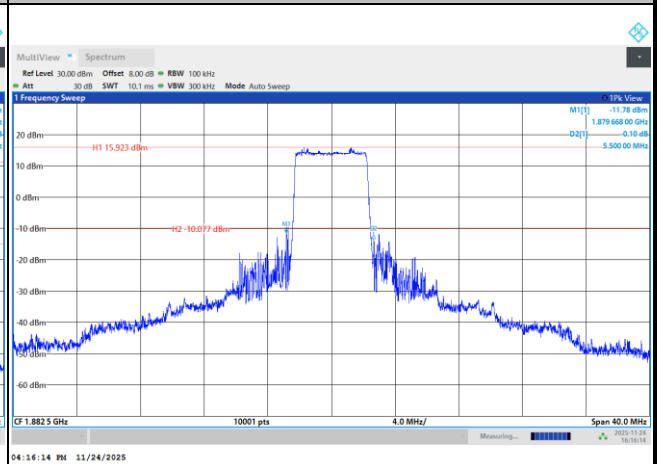


FR1 n25 / 5MHz / DFT-S OFDM / Middle Channel / Full RB

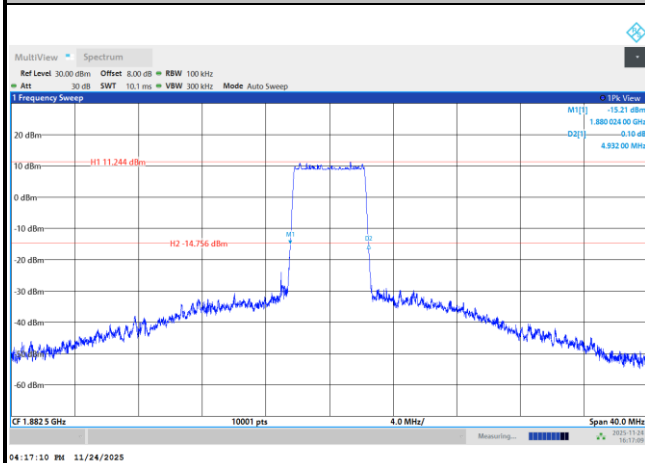
PI/2 BPSK



QPSK



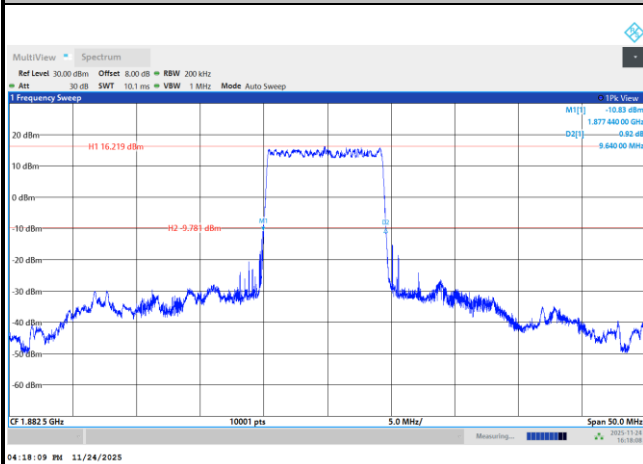
16QAM



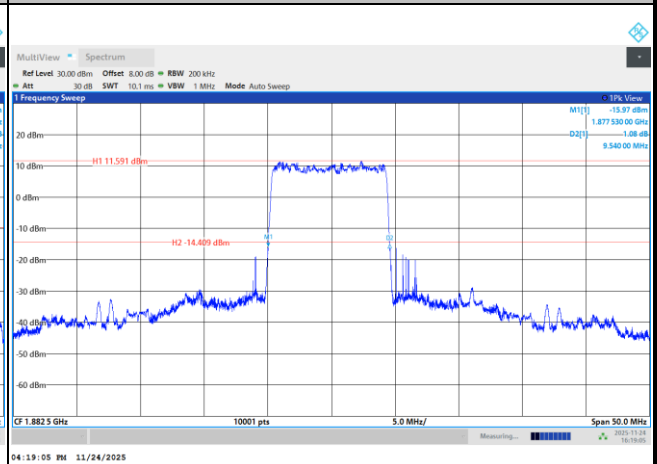


FR1 n25 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

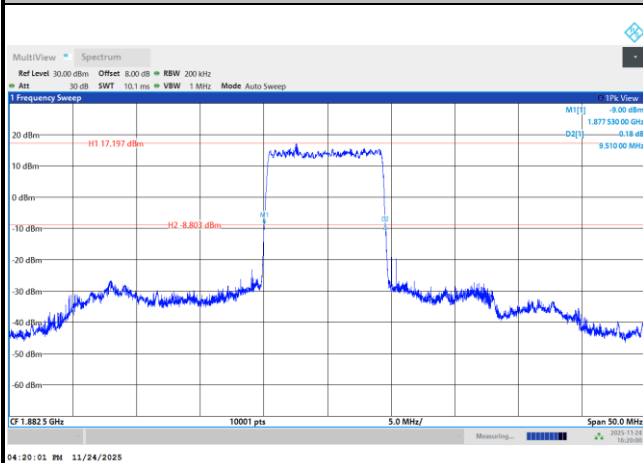
PI/2 BPSK



QPSK



16QAM

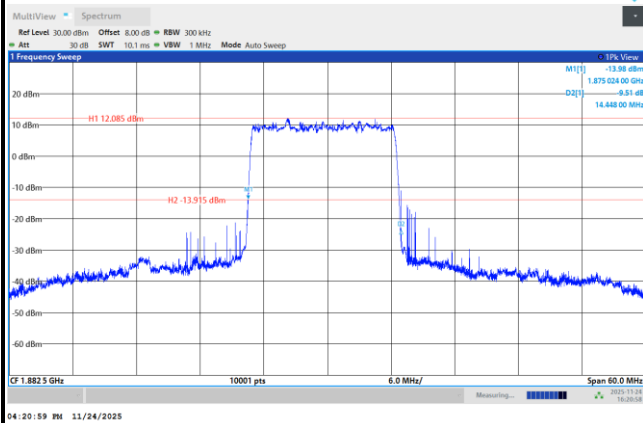




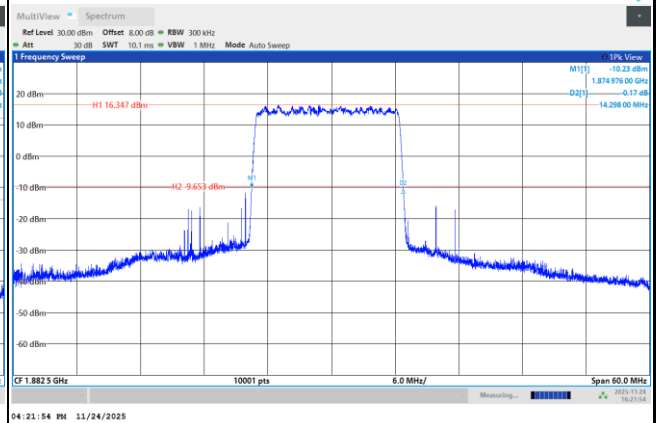
FR1 n25 / 15MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

QPSK

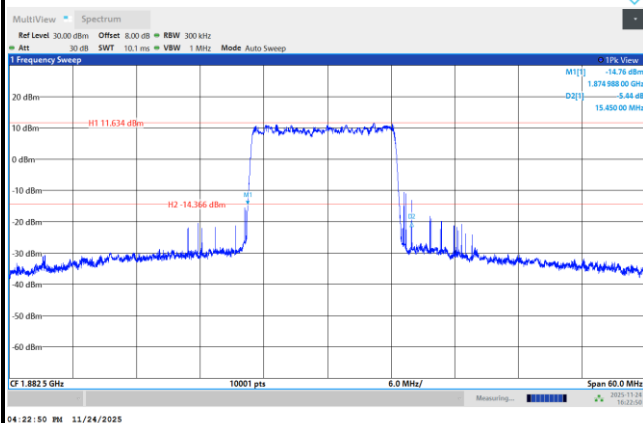


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04:21:54 PM 11/24/2025

16QAM

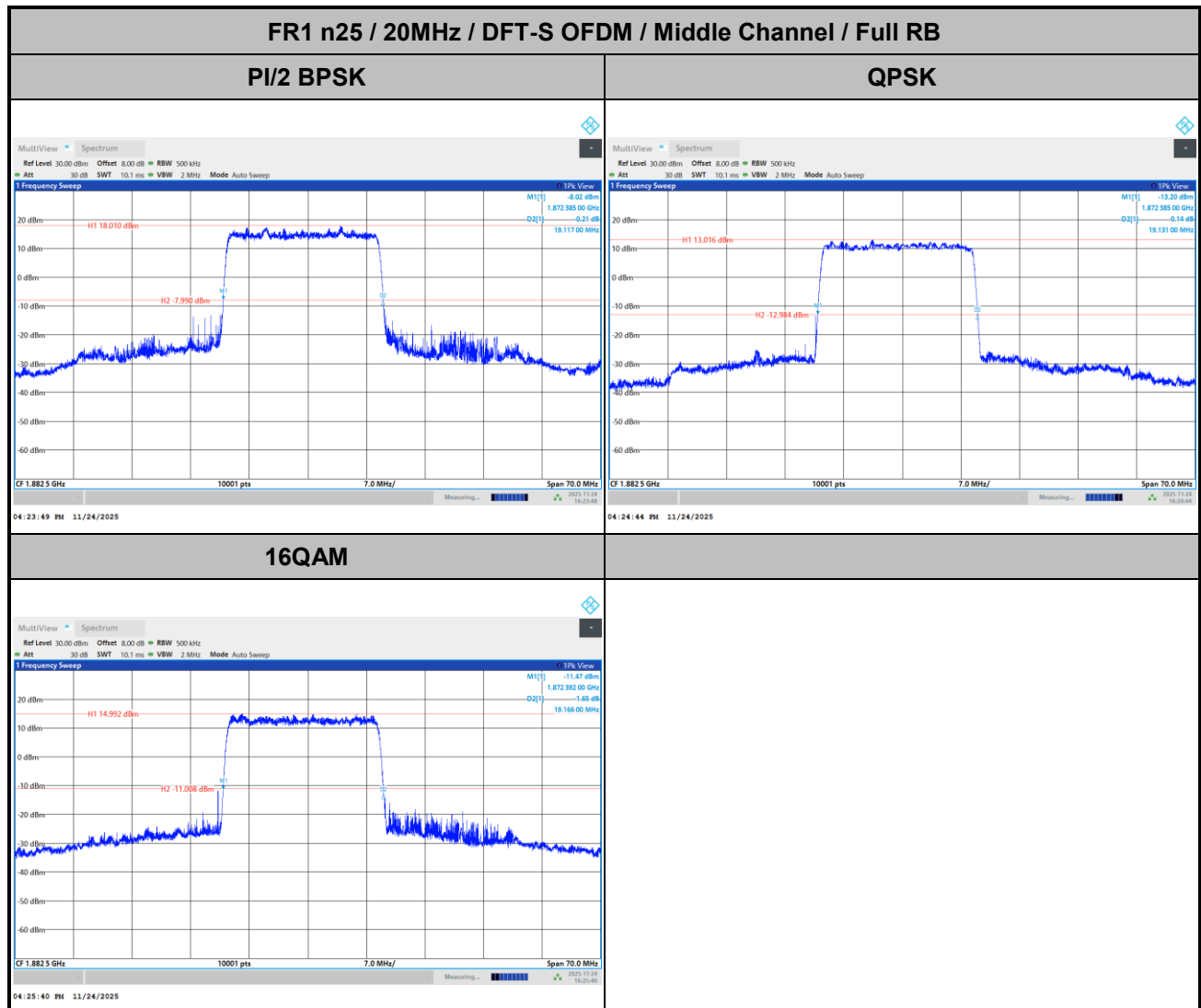


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FCC RADIO TEST REPORT

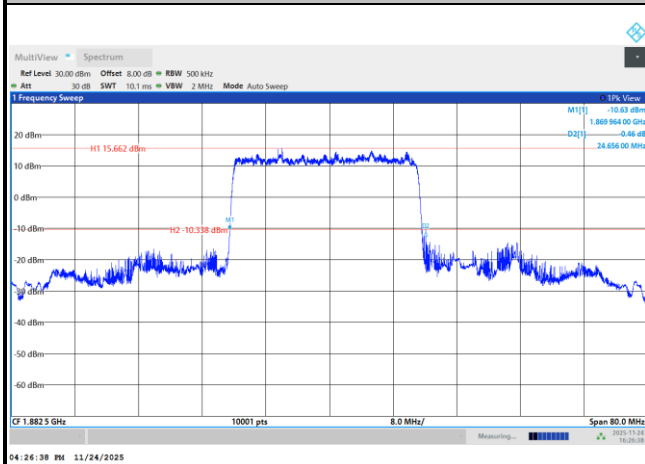
Report No. : FG5N0815-01LB



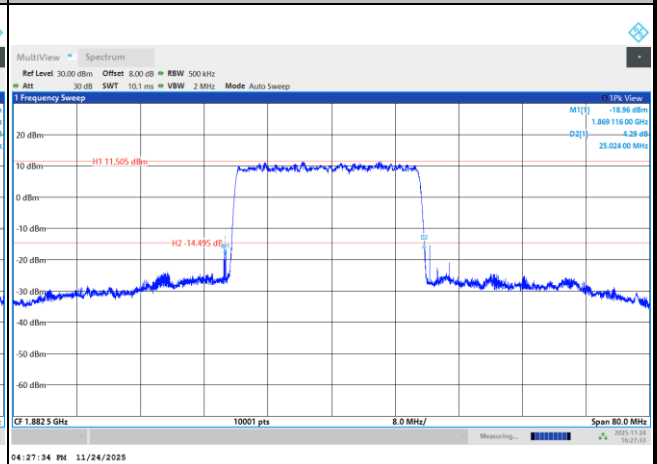


FR1 n25 / 25MHz / DFT-S OFDM / Middle Channel / Full RB

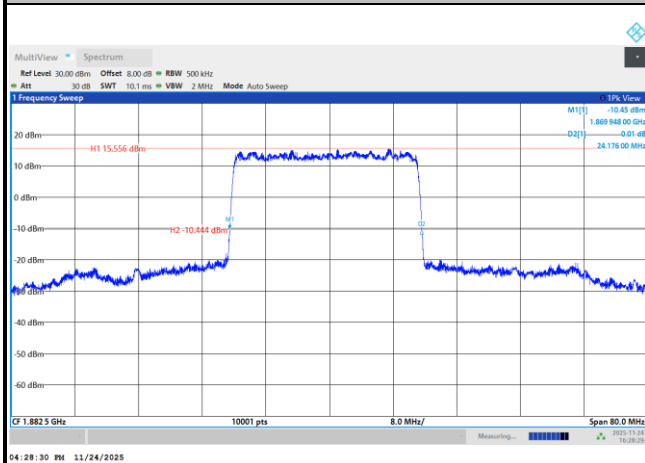
PI/2 BPSK



QPSK



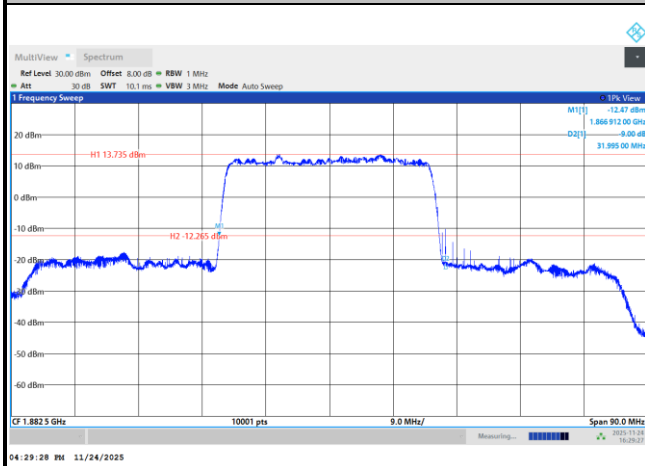
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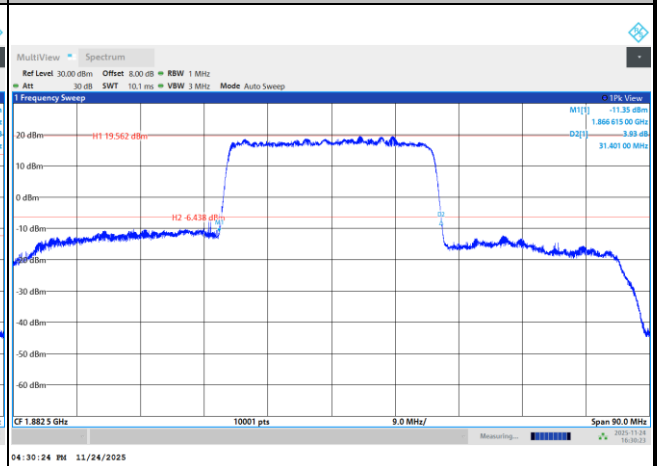


FR1 n25 / 30MHz / DFT-S OFDM / Middle Channel / Full RB

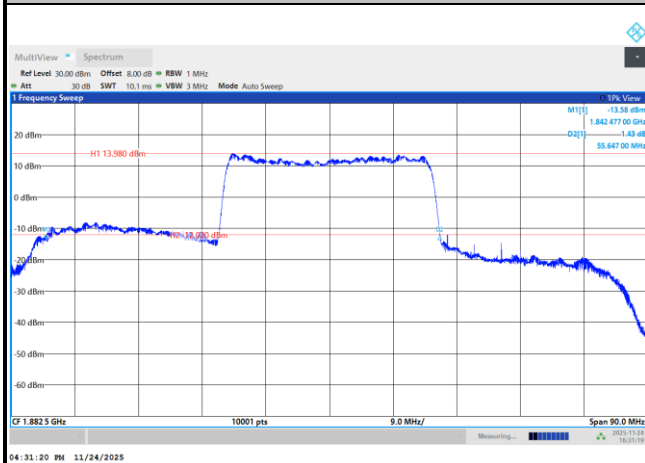
PI/2 BPSK



QPSK



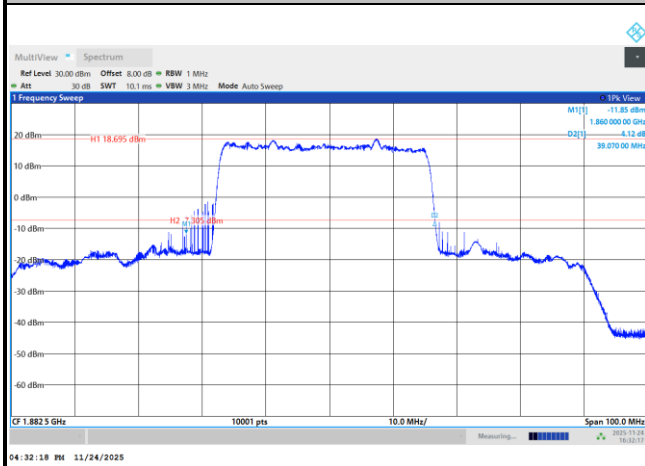
16QAM



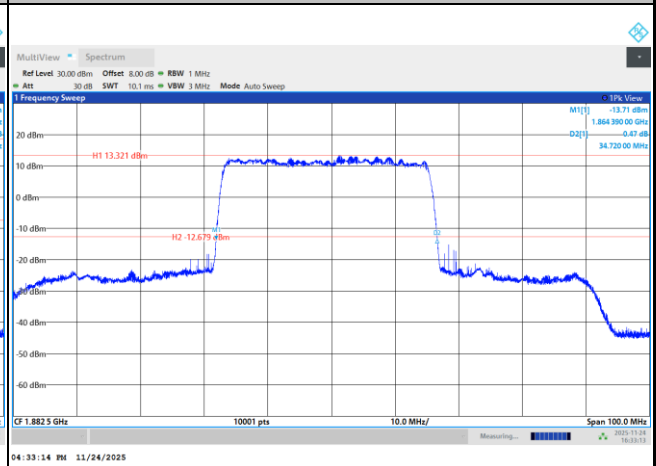


FR1 n25 / 35MHz / DFT-S OFDM / Middle Channel / Full RB

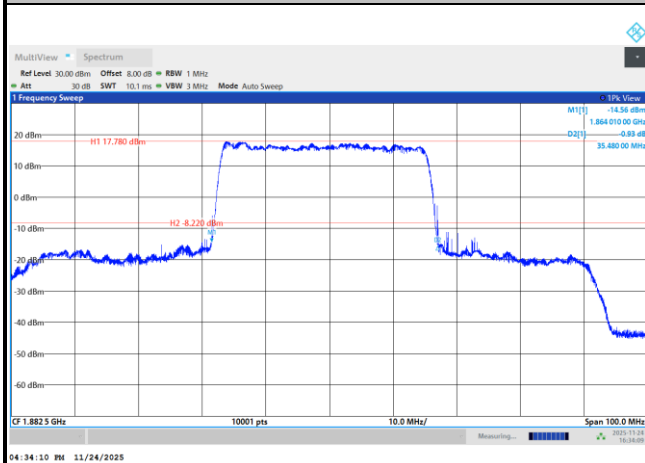
PI/2 BPSK



QPSK

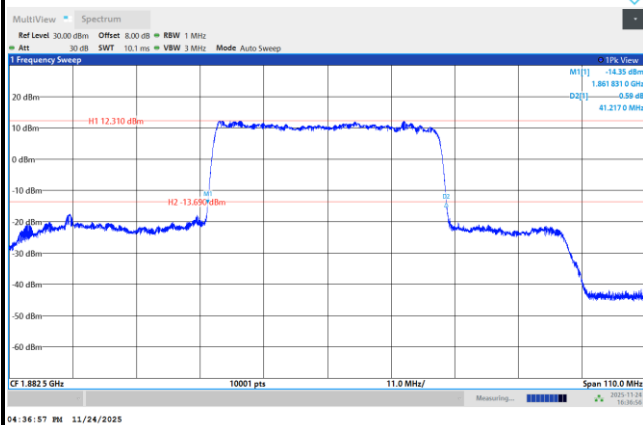
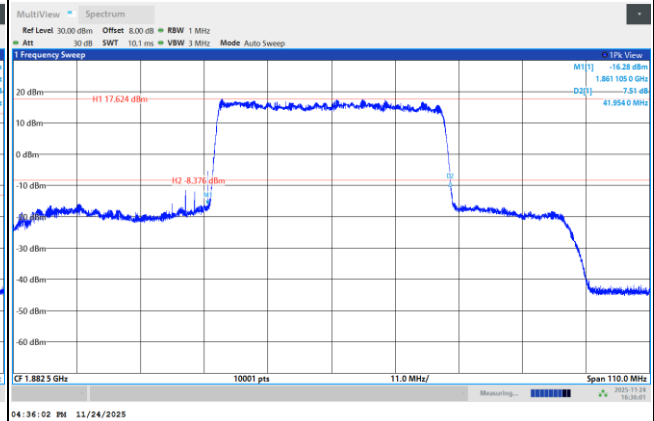


16QAM





QPSK



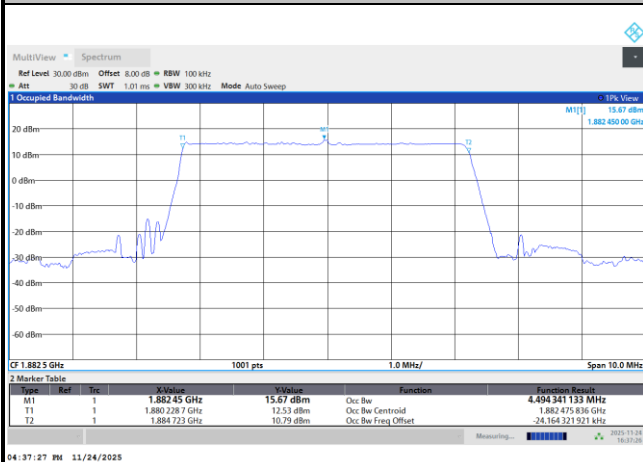
**Occupied Bandwidth**

Mode	FR1 n25 : 99%OBW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	4.49	4.52	9.01	8.97	13.47	13.46	18.03	17.97
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	4.49		8.96		13.45		17.96	
BW	25MHz		30MHz		35MHz		40MHz	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	22.96	22.92	29.17	28.93	32.48	32.33	38.74	38.86
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	22.91		29.01		32.38		38.69	

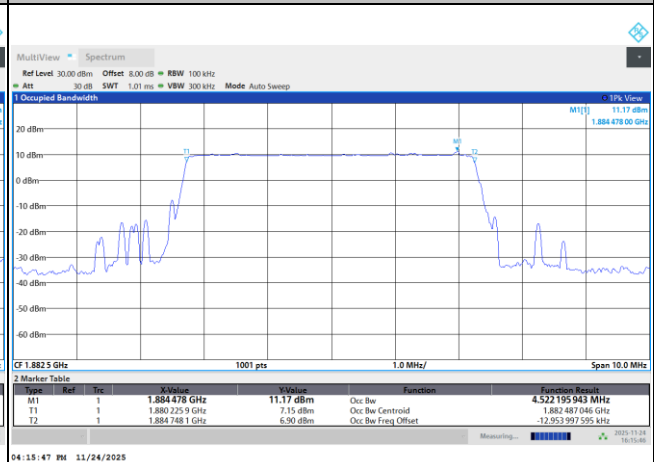


FR1 n25 / 5MHz / DFT-S OFDM / Middle Channel / Full RB

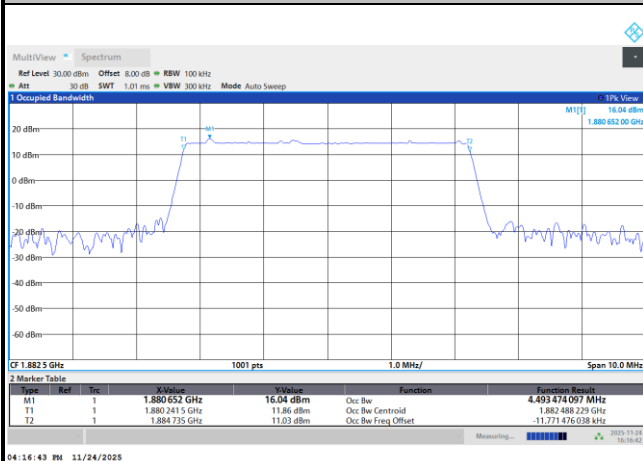
PI/2 BPSK



QPSK



16QAM

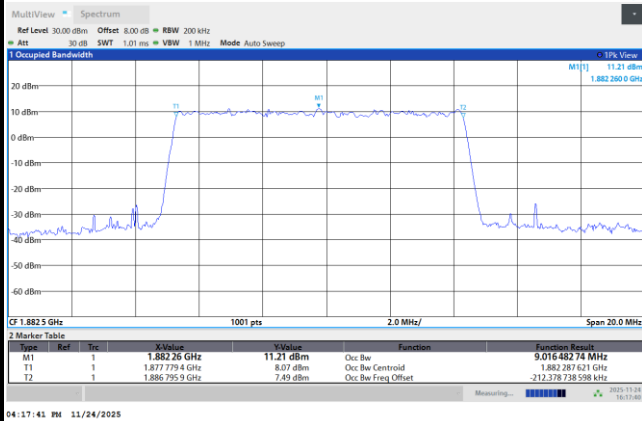




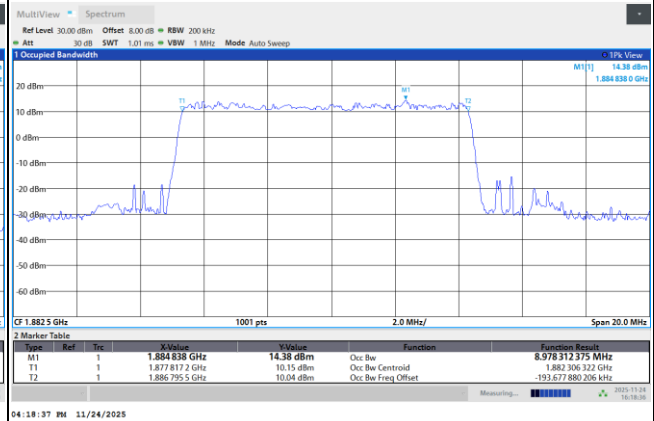
FR1 n25 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

QPSK

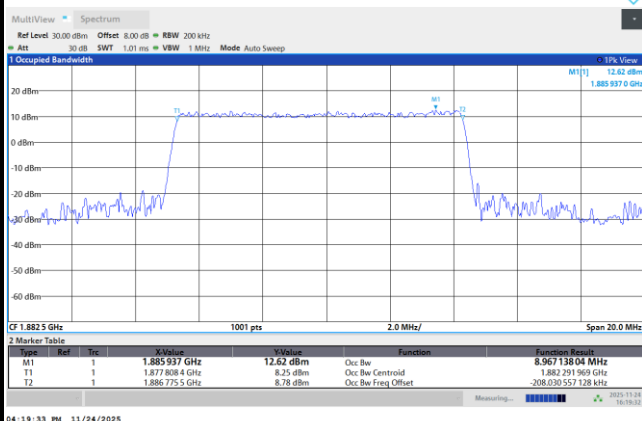


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04:18:37 PM 11/24/2025

16QAM

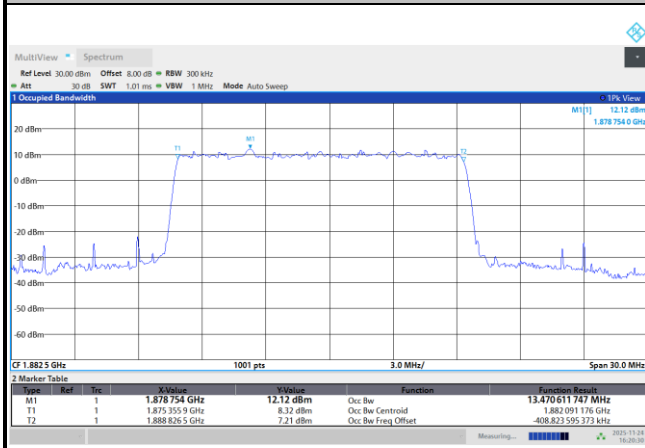


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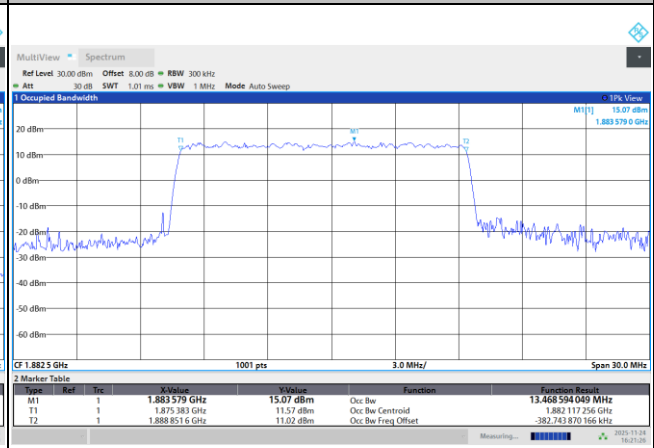
FR1 n25 / 15MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



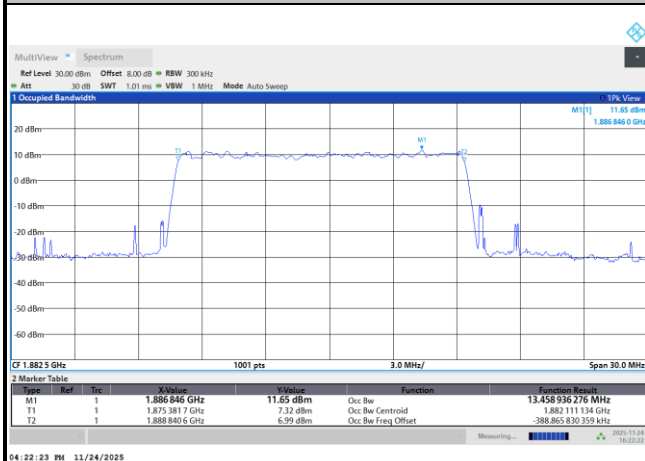
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QPSK



04:21:27 PM 11/24/2025

16QAM

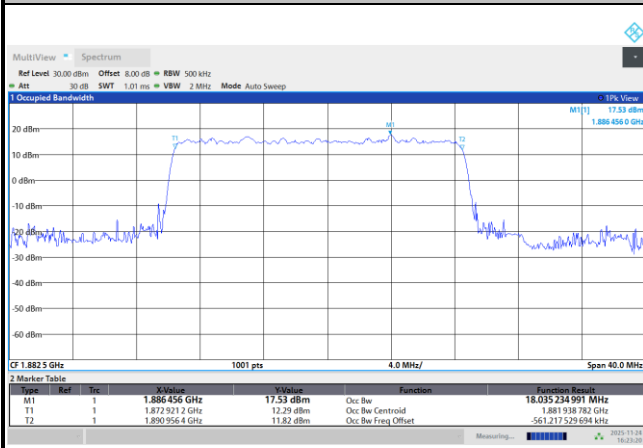


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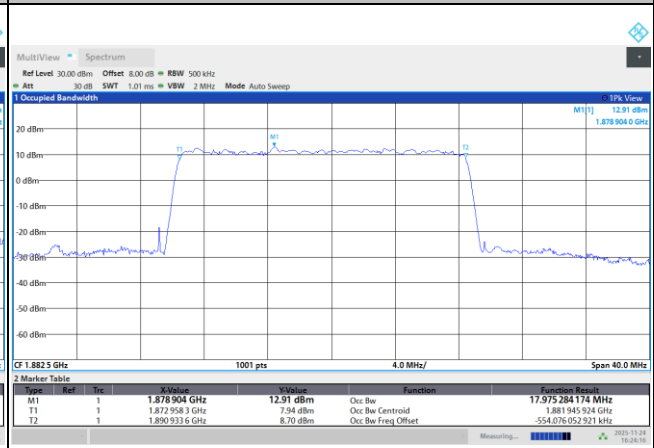


FR1 n25 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

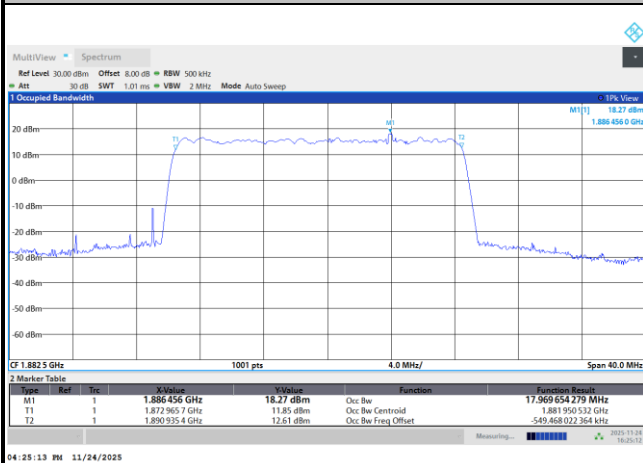
PI/2 BPSK



QPSK



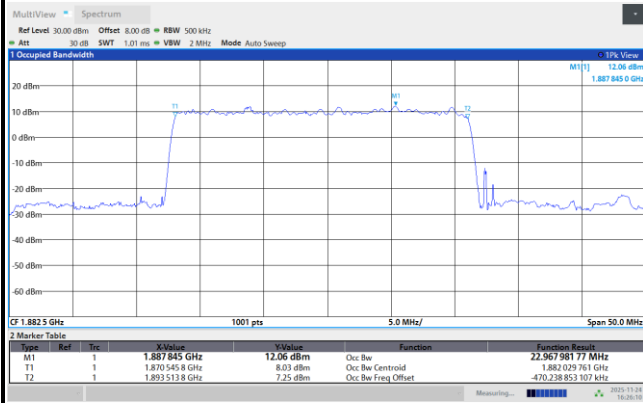
16QAM





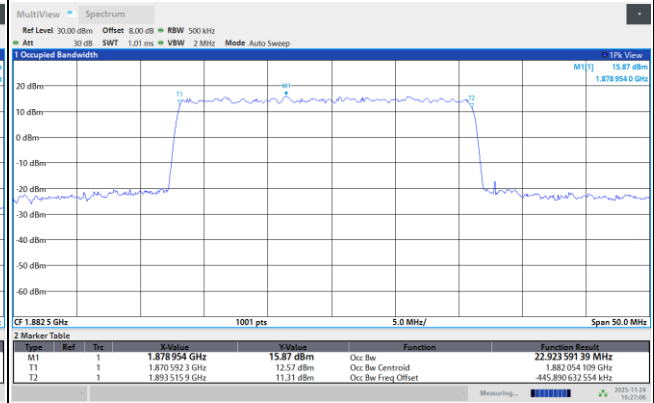
FR1 n25 / 25MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



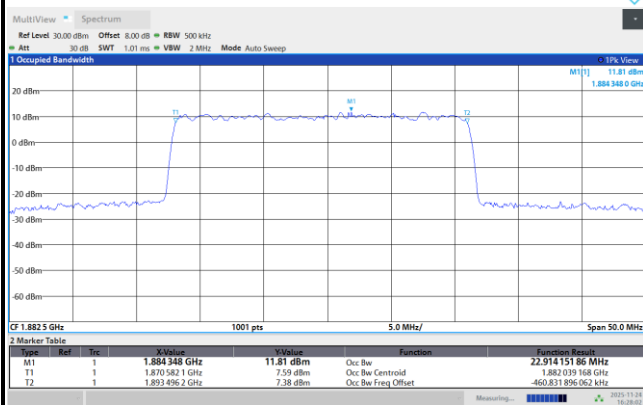
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QPSK



04:27:07 PM 11/24/2025

16QAM

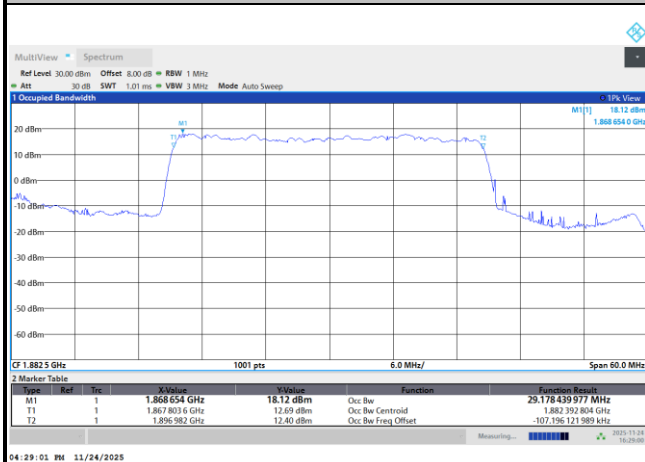


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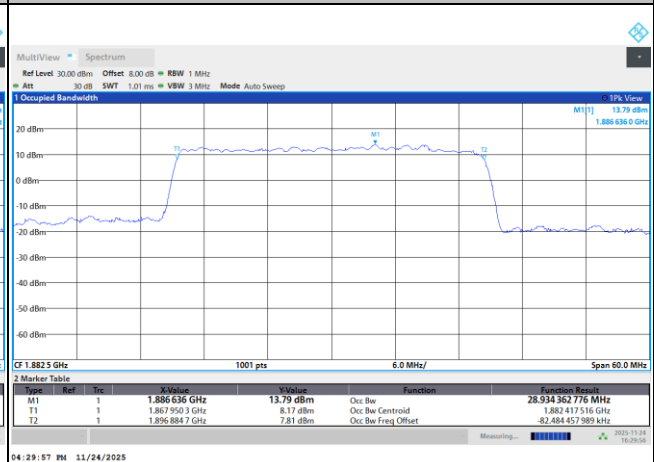


FR1 n25 / 30MHz / DFT-S OFDM / Middle Channel / Full RB

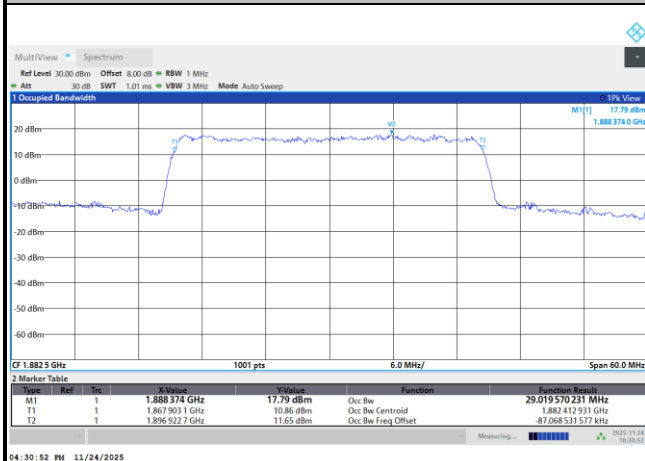
PI/2 BPSK



QPSK



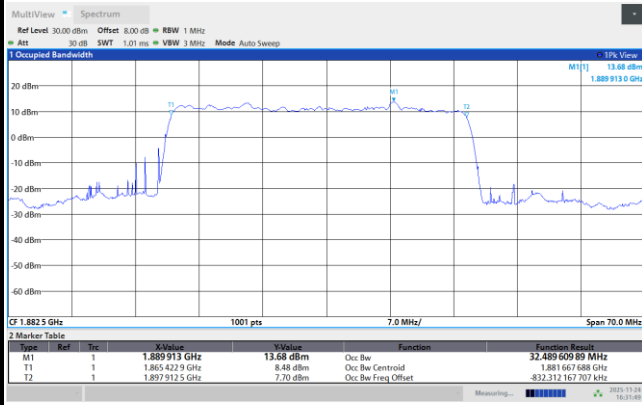
16QAM





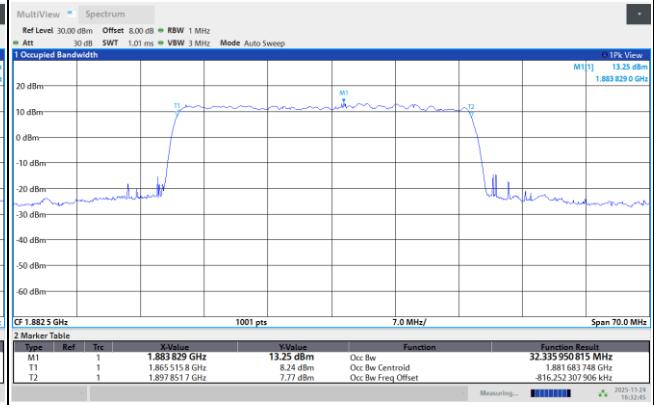
FR1 n25 / 35MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



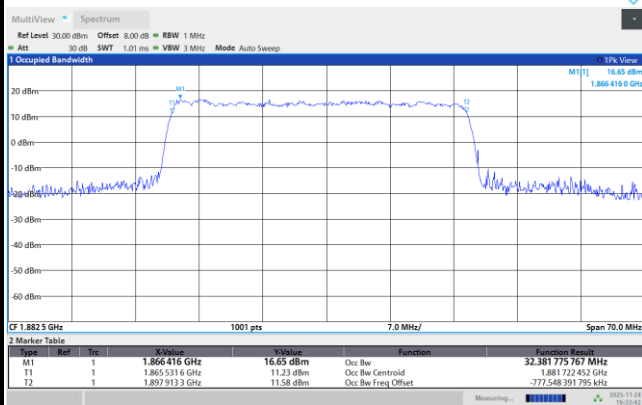
04:31:50 PM 11/24/2025

QPSK



04:32:46 PM 11/24/2025

16QAM



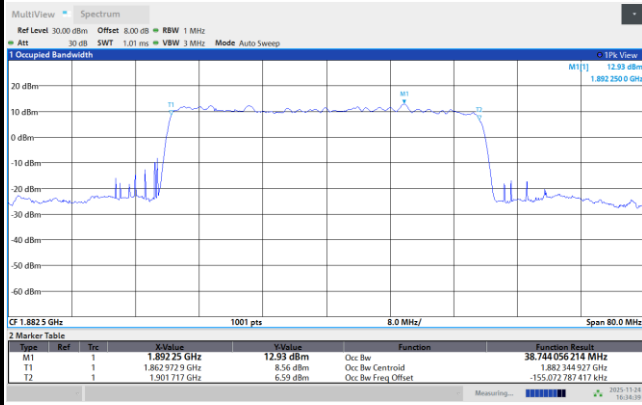
04:33:43 PM 11/24/2025



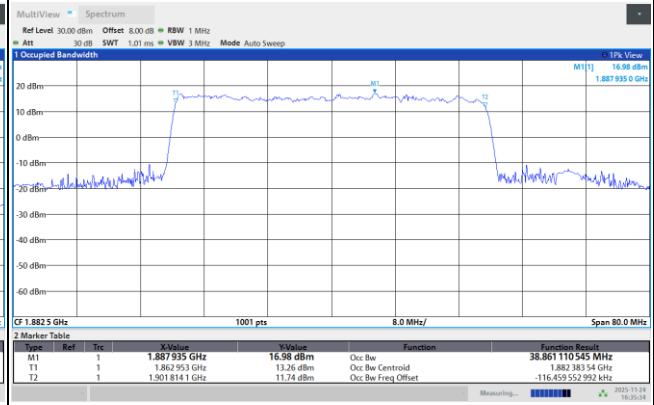
FR1 n25 / 40MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

QPSK

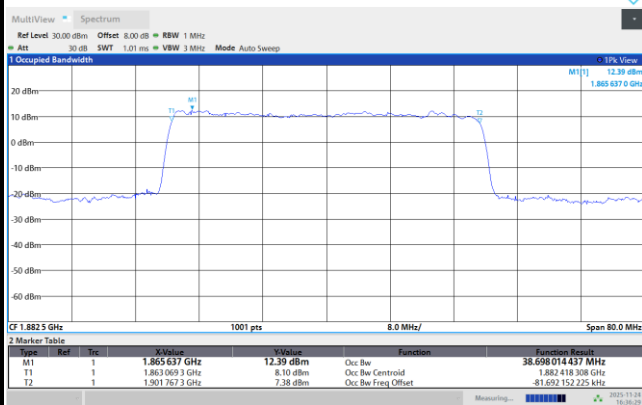


04:34:40 PM 11/24/2025



04:35:35 PM 11/24/2025

16QAM



04:36:30 PM 11/24/2025

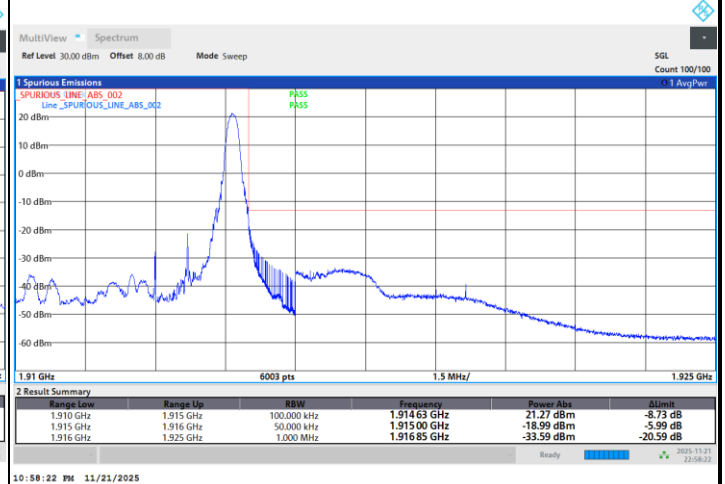
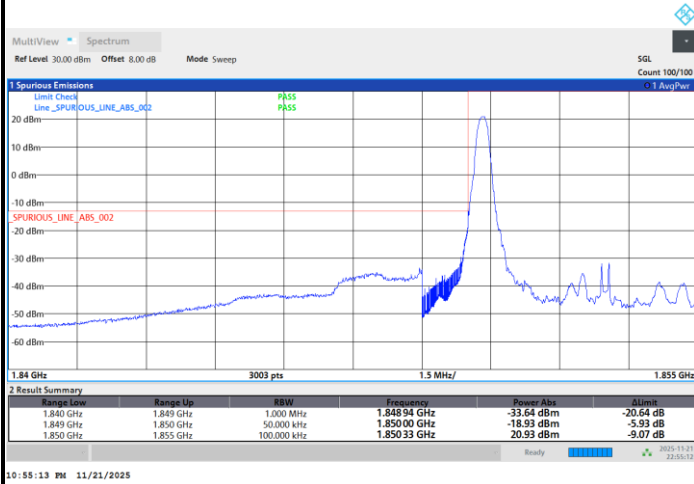


Conducted Band Edge

FR1 n25 / 5MHz / DFT-S OFDM / PI/2 BPSK

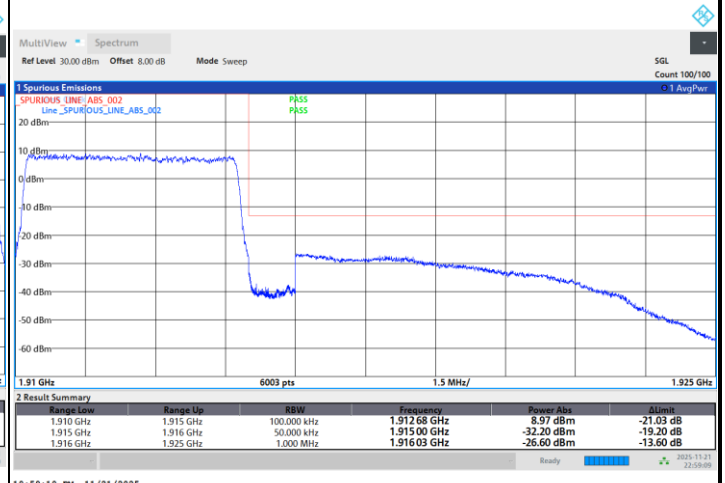
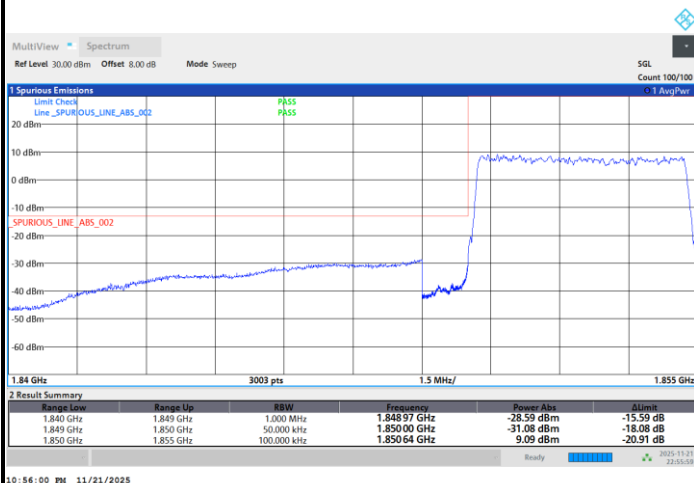
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

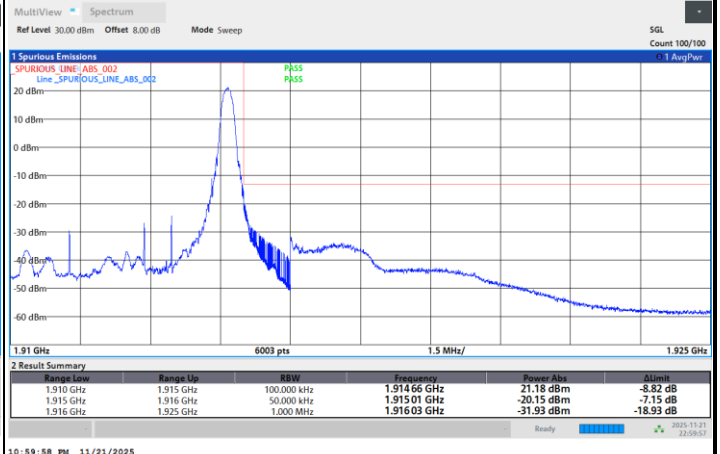
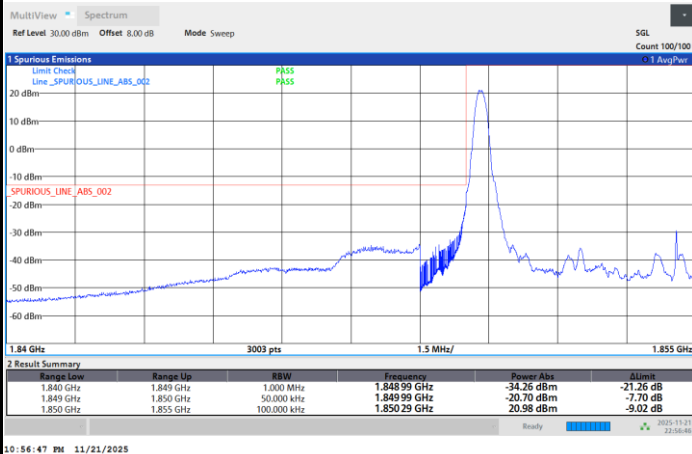




FR1 n25 / 5MHz / DFT-S OFDM / QPSK

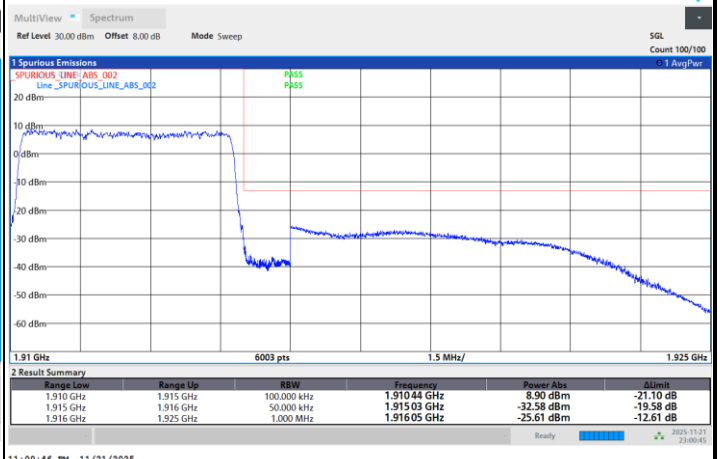
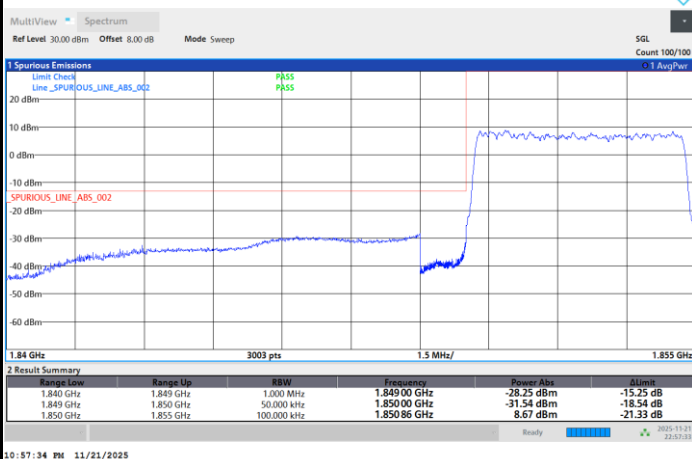
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

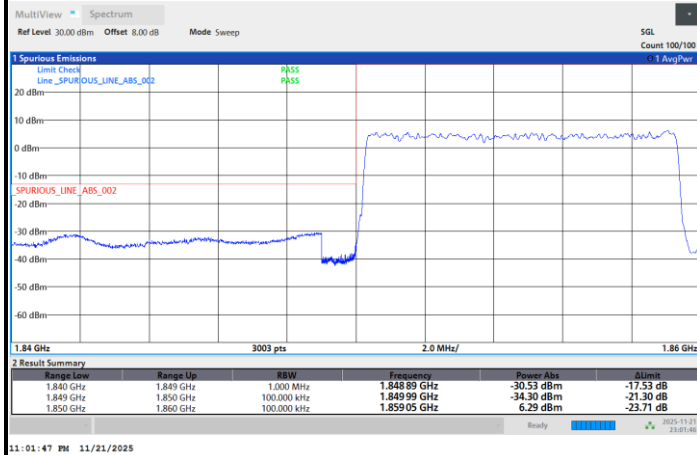
Highest Band Edge / Full RB



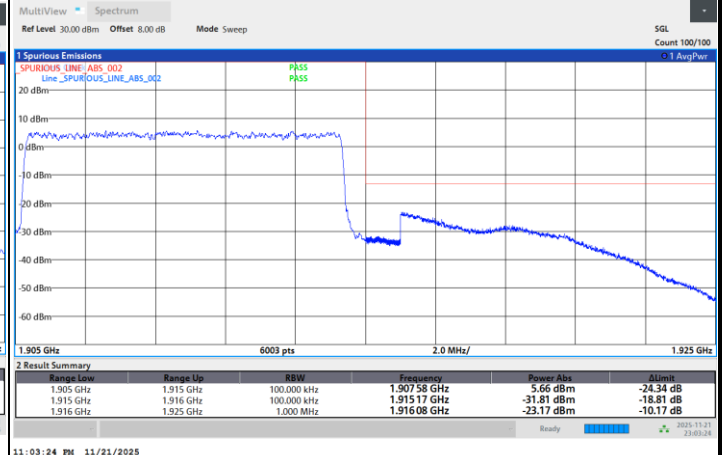


FR1 n25 / 10MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

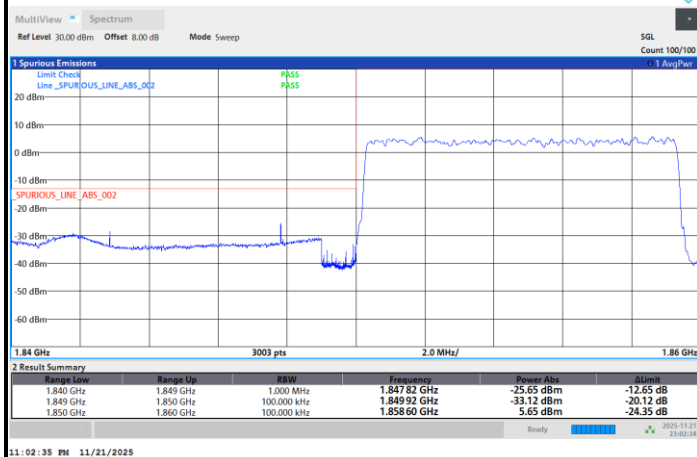


Highest Band Edge / Full RB

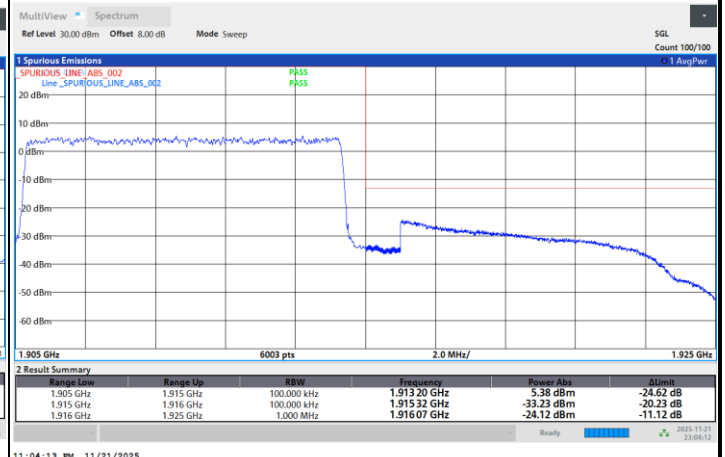


FR1 n25 / 10MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB



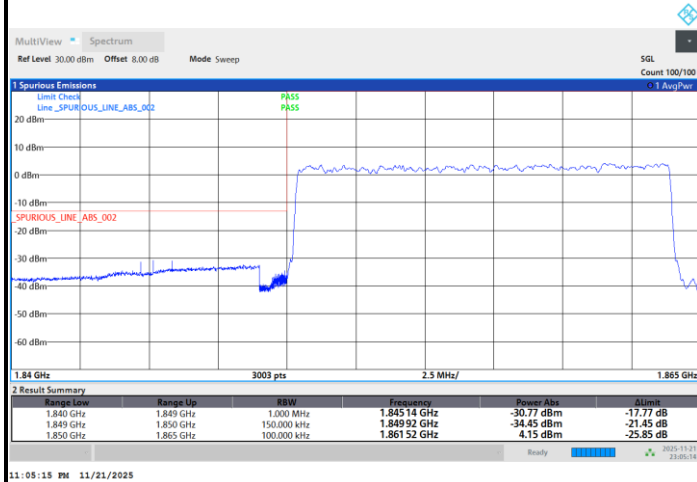
Highest Band Edge / Full RB



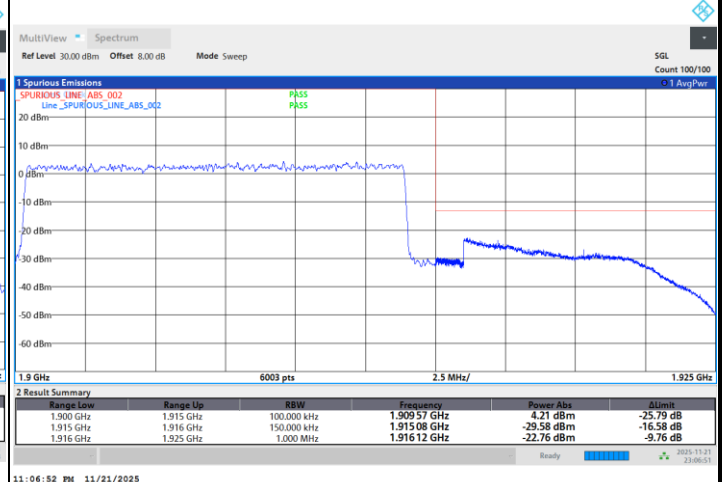


FR1 n25 / 15MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

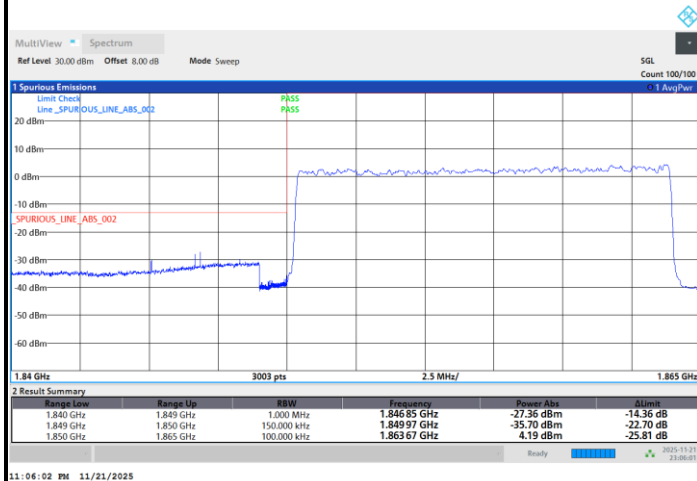


Highest Band Edge / Full RB



FR1 n25 / 15MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

