



FCC RADIO TEST REPORT

FCC ID : GKRRMLN2X
Equipment : LGA Module
Brand Name : COMPAL
Model Name : RML-N2x
Marketing Name : RML-N2x
Applicant : Compal Electronics, Inc.
No.581 & 581-1, Ruiguang Rd., Neihu
District, Taipei, (114) Taiwan
Manufacturer : Compal Electronics, Inc.
No.581 & 581-1, Ruiguang Rd., Neihu
District, Taipei, (114) Taiwan
Standard : FCC 47 CFR Part 2, 27

The product was received on Aug. 29, 2024 and testing was performed from Sep. 12, 2024 to Oct. 21, 2024. We, Sporton International Inc. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures 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. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Approved by: Louis Wu

Sporton International Inc. EMC & Wireless Communications Laboratory

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



Table of Contents

History of this test report.....	3
Summary of Test Result.....	4
1 General Description	5
1.1 Product Feature of Equipment Under Test.....	5
1.2 Modification of EUT	5
1.3 Testing Location	6
1.4 Applicable Standards.....	6
2 Test Configuration of Equipment Under Test	7
2.1 Test Mode.....	7
2.2 Connection Diagram of Test System.....	8
2.3 Support Unit used in test configuration and system	8
2.4 Measurement Results Explanation Example.....	8
2.5 Frequency List of Low/Middle/High Channels	9
3 Conducted Test Items.....	11
3.1 Measuring Instruments	11
3.2 Conducted Output Power and ERP/EIRP	12
3.3 Peak-to-Average Ratio	13
3.4 Occupied Bandwidth.....	14
3.5 Conducted Band Edge	15
3.6 Conducted Spurious Emission	17
3.7 Frequency Stability	18
4 Radiated Test Items	19
4.1 Measuring Instruments	19
4.2 Radiated Spurious Emission Measurement	21
5 List of Measuring Equipment.....	22
6 Measurement Uncertainty	23
Appendix A. Test Results of Conducted Test	
Appendix B. Test Results of Radiated Test	
Appendix C. Test Setup Photographs	



History of this test report

Report No.	Version	Description	Issue Date
FG482804-01	01	Initial issue of report	Oct. 25, 2024
FG482804-01	02	1. Revise Appendix C 2. Revise Summary of Test Result 3. Revise Test Mode and Section 2.5 This report is an updated version, replacing the report issued on Oct. 25, 2024.	Oct. 29, 2024
FG482804-01	03	Revise Appendix B and Section 2.5 This report is an updated version, replacing the report issued on Oct. 29, 2024.	Oct. 31, 2024



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.2	§2.1046	Conducted Output Power	Pass	-
	§27.50 (c)(10)	Effective Radiated Power (n71)	Pass	
	§27.50 (d)(4)	Equivalent Isotropic Radiated Power (n66) (n70)		
3.3	§27.50 (d)(5)	Peak-to-Average Ratio	Pass	-
3.4	§2.1049	Occupied Bandwidth	Reporting only	-
3.5	§2.1051 §27.53 (g) §27.53 (h)	Conducted Band Edge Measurement (n66) (n70) (n71)	Pass	-
3.6	§2.1051 §27.53 (g) §27.53 (h)	Conducted Spurious Emission (n66) (n70) (n71)	Pass	-
3.7	§2.1055 §27.54	Frequency Stability Temperature & Voltage	Pass	-
4.2	§2.1053 §27.53 (g) §27.53 (h)	Radiated Spurious Emission (n66) (n70) (n71)	Pass	27.44 dB under the limit at 13584.00 MHz

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/manufacturer 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: Keven Cheng**Report Producer: Ming Chen**



1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
General Specs	
LTE/5G NR and GNSS.	

Support band and evaluated information	
Supported band	n66, n70,n71,
Evaluated and Tested band	n66, n70,n71,

FDD band Power Class					
	SISO PC3	SISO PC2	MIMO PC3	MIMO PC2	MIMO PC1.5
N66	V		V	V	
N70	V		V	V	
N71	V		V	V	

RF Exposure						
Max Antenna Gain(dBi)						
Band	Ant0	Ant1	Ant2	Ant3	Main Ant. #	MIMO Main Ant. #
N66	2	2	2	2	0	0&2
N70	2	2	2	2	0	0&2
N71	2		2		2	0&2

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

1.2 Modification of EUT

No modifications made to the EUT during the testing.



1.3 Testing Location

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978
Test Site No.	Sporton Site No. TH03-HY
Test Engineer	George Chen
Temperature (°C)	21.3~24.3
Relative Humidity (%)	48~55.6

Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	Sporton Site No. 03CH15-HY (TAF Code: 3786)
Test Engineer	Sam Pan, Quentin Liu and Bigshow Wang
Temperature (°C)	22~23.5
Relative Humidity (%)	50~59
Remark	The Radiated Spurious Emission test item subcontracted to Sporton International Inc. Wensan Laboratory.

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

FCC Designation No.: TW1190 and TW3786

1.4 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, 27
- ♦ FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01
- ♦ 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. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.
3. The TAF code is not including all the FCC KDB listed without accreditation.



2 Test Configuration of Equipment Under Test

2.1 Test Mode

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

For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in two config. (Ant. 0° and Ant. 90°), and adjusting the measurement antenna orientation, following C63.10 exploratory test procedures and only the worst case emissions were reported in this report.

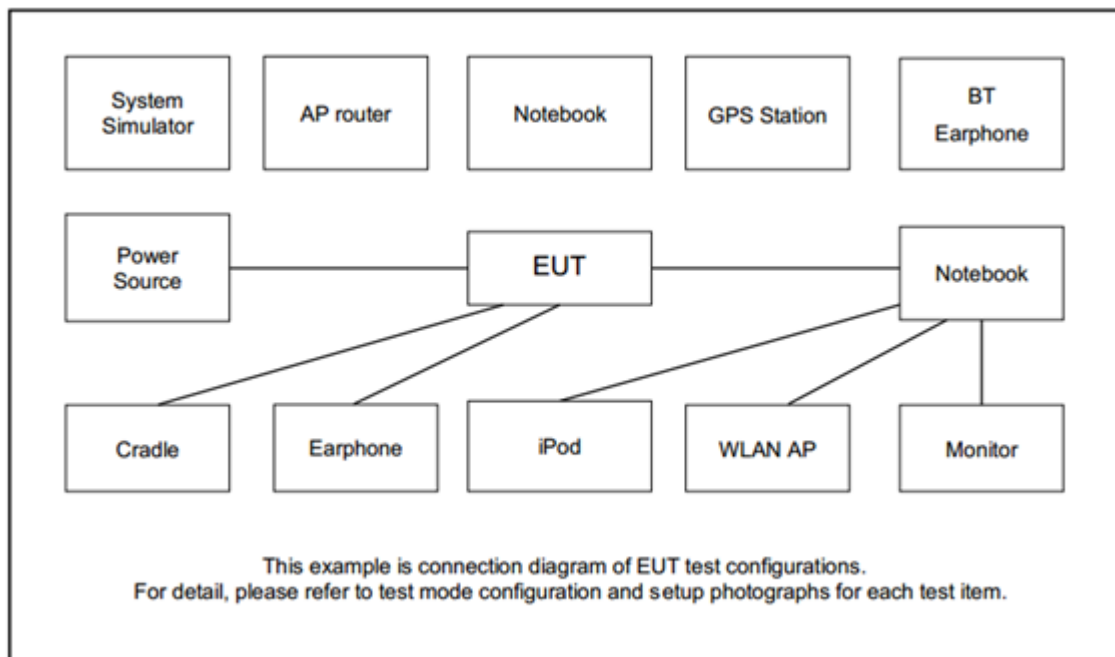
Modulation Type	Modulation	Modulation Type	Modulation
A	DFT-s-OFDM pi/2 BPSK	N/A	N/A
B	DFT-s-OFDM QPSK	F	CP-OFDM QPSK
C	DFT-s-OFDM 16QAM	G	CP-OFDM 16QAM
D	DFT-s-OFDM 64QAM	H	CP-OFDM 64QAM
E	DFT-s-OFDM 256QAM	I	CP-OFDM 256QAM

Test Item	Modulation Type	Bandwidth	RB Size	Channel
Conducted Power	A, B, C, D, E	All	1, Half, Full	L, M, H
ERP/EIRP	A, B, C, D, E	All	1, Half, Full	L, M, H
PAR	A, B, C, D, E	20 MHz or less	Outer_Full	M
Bandwidth	A,F,G,H,I	All	Outer_Full	M
CBE,	A, B, C, D, E,F	All	Outer_1RB Outer_Full	L, H
CSE	B	Minimum	Inner_1RB	L, M, H
Frequency Stability	A	20 MHz or less	Outer_Full	M
RSE	A	Maximum or less	Inner_1RB	L, M, H

Remark:

1. Evaluated all the transmitter signal and reporting worst-case configuration among all modulation types.
2. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst-case emissions are reported.
3. One representative bandwidth is selected to perform PAR& frequency stability.
4. For 5G NR N66/N70 support SISO Mode Antenna 0 (Main Ant.) and Antenna 1&2&3,Radiated Spurious Emission is full test. Conducted test items are verified and the worst case is Antenna 0, Therefore, the report only performed Antenna 0 test results.
5. For 5G NR N71 support SISO Mode Antenna 0 (Main Ant.) and Antenna 2,Radiated Spurious Emission is full test. Conducted test items are verified and the worst case is Antenna 0, Therefore, the report only performed Antenna 0 test results.
6. For 5G NR All Band SISO Mode support support CP-OFDM & DFT-s-OFDM,Therefore,the report only performed Higher Conducted power (DFT-s-OFDM) test result
7. For 5G NR N66/N70/N71 MIMO Mode support PC2&PC3,have the same modulation and BW. Therefore, the report only performed Higher Conducted power (PC2) test results.
8. For 5G NR N66/N70/N71 MIMO Mode Modulation support CP-OFDM & DFT-s-OFDM, Therefore,the report only performed Higher Conducted power (DFT-s-OFDM) test results.
9. Except BW:5MHz,other BW support SCS15kHz&SCS30 kHz, after verified, the worst case is SCS15kHz. Therefore, only performed the SCS15kHz test results for All test item in this report.

2.2 Connection Diagram of Test System



2.3 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model No.	FCC ID	Data Cable	Power Cord
1.	5G Wireless Test Platform	Anritsu	MT8000	N/A	N/A	Unshielded, 1.8 m

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

<SCS 15kHz>&<SCS 30kHz>

5G NR n66 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
45	Channel	346500	349000	351500
	Frequency	1732.5	1745.0	1757.5
40	Channel	346000	349000	352000
	Frequency	1730	1745	1760
35	Channel	345500	349000	352500
	Frequency	1727.5	1745	1762.5
30	Channel	345000	349000	353000
	Frequency	1725	1745	1765
25	Channel	344500	349000	353500
	Frequency	1722.5	1745	1767.5
20	Channel	344000	349000	354000
	Frequency	1720	1745	1770
15	Channel	343500	349000	354500
	Frequency	1717.5	1745	1772.5
10	Channel	343000	349000	355000
	Frequency	1715	1745	1775
5	Channel	342500	349000	355500
	Frequency	1712.5	1745	1777.5

Remark :BW 5MHz only support SCS 15kHz

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

Remark :BW 5MHz only support SCS 15kHz



5G NR n71 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	134600	136100	137600
	Frequency	673	680.5	688
15	Channel	134100	136100	138100
	Frequency	670.5	680.5	690.5
10	Channel	133600	136100	138600
	Frequency	668	680.5	693
5	Channel	133100	136100	139100
	Frequency	665.5	680.5	695.5

Remark :BW 5MHz only support SCS 15kHz

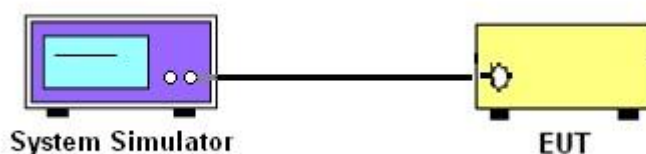
3 Conducted Test Items

3.1 Measuring Instruments

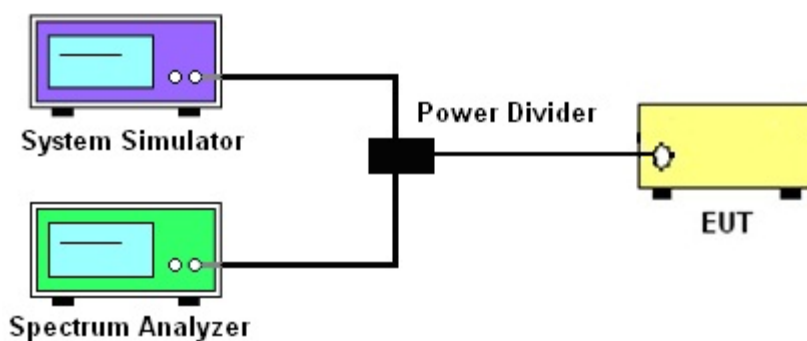
See list of measuring instruments of this test report.

3.1.1 Test Setup

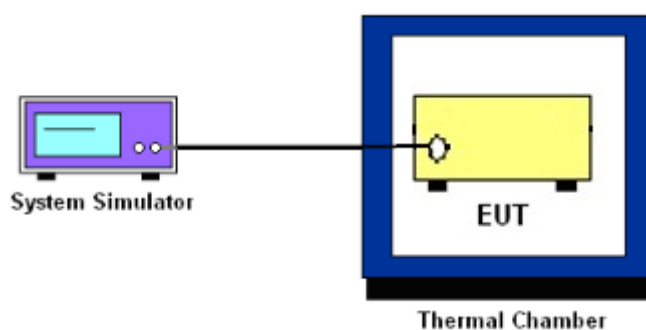
3.1.2 Conducted Output Power



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



3.1.4 Frequency Stability



3.1.5 Test Result of Conducted Test

Please refer to Appendix A.



3.2 Conducted Output Power and ERP/EIRP

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

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

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

The EIRP of mobile transmitters must not exceed 1 Watts for 5G NR n66, n70

According to KDB 412172 D01 Power Approach,

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

P_T = transmitter output power in dBm

G_T = gain of the transmitting antenna in dBi

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

3.2.2 Test Procedures

1. The transmitter output port was connected to the system simulator.
2. Set EUT at maximum power through the system simulator.
3. Select lowest, middle, and highest channels for each band and different modulation.
4. Measure and record the power level from the system simulator.
5. The MIMO mode is completely uncorrelated, so the directional gain is selected the maximum gain among all antennas.



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

27.53 (g)

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

27.53 (h)

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



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.

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 GHz, 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

27.54

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

3.7.2 Test Procedures for Temperature Variation

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

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

3.7.3 Test Procedures for Voltage Variation

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

1. The EUT was placed in a temperature chamber at 20±5° 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.

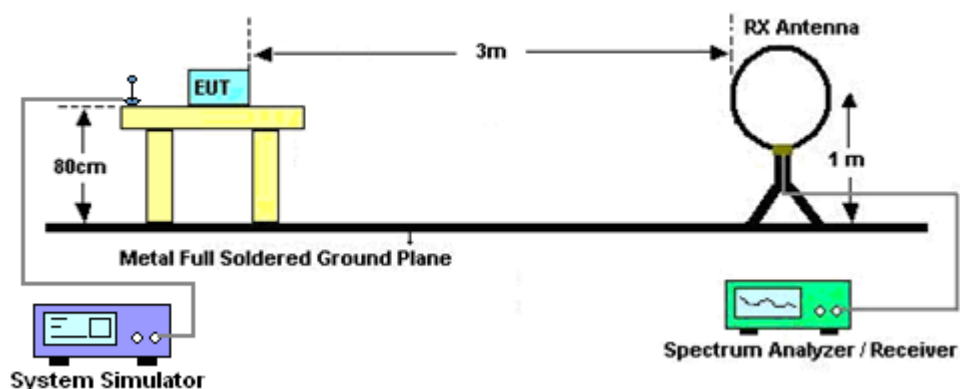
4 Radiated Test Items

4.1 Measuring Instruments

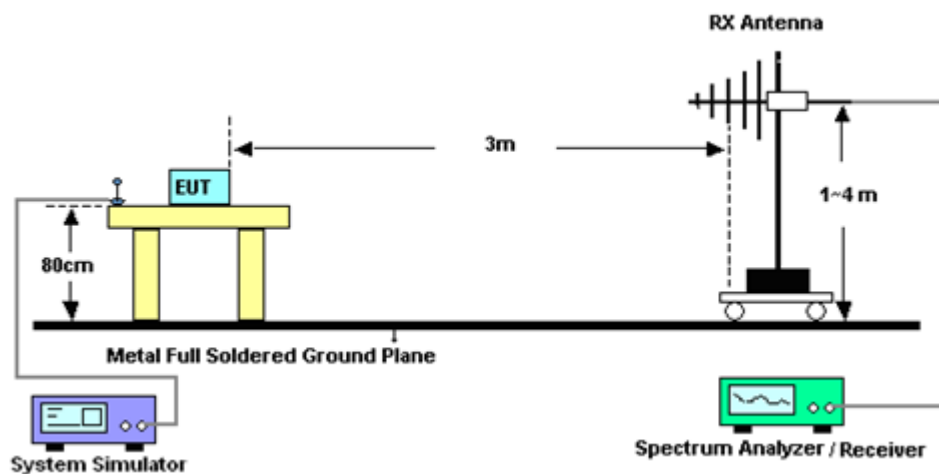
See list of measuring instruments of this test report.

4.1.1 Test Setup

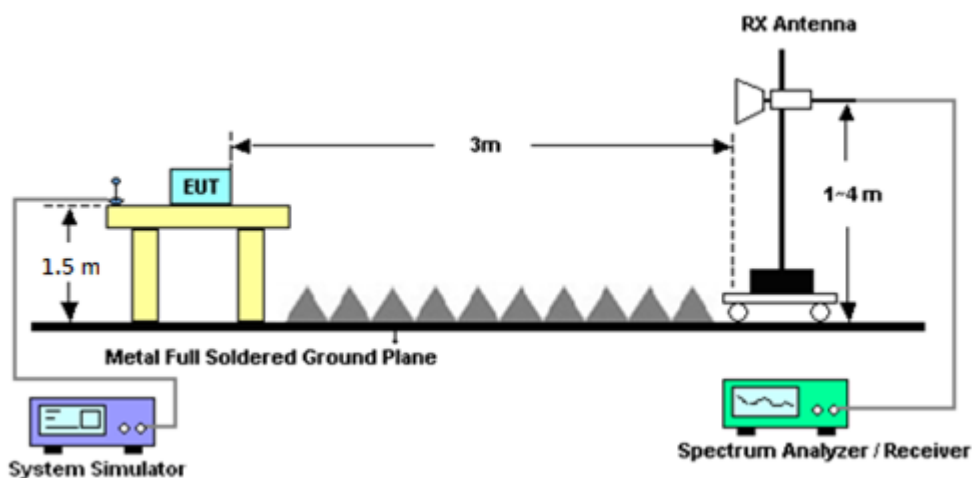
For radiated test below 30MHz



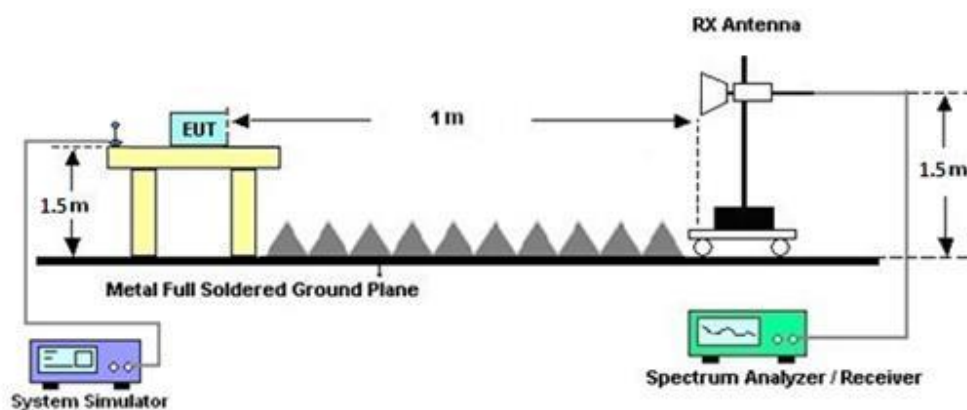
For radiated test from 30MHz to 1GHz



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

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. Field Strength Level (dBm) = Spectrum Reading (dBm) + Antenna Factor + Cable Loss + Read Level - Preamp Factor.
8. ERP (dBm) = EIRP (dBm) - 2.15
9. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.



5 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Feb. 23, 2024	Sep. 29, 2024~ Oct. 14, 2024	Feb. 22, 2025	Radiation (03CH15-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N -06	41912 & 05	30MHz~1GHz	Feb. 04, 2024	Sep. 29, 2024~ Oct. 14, 2024	Feb. 03, 2025	Radiation (03CH15-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-02294	1GHz~18GHz	Jun. 20, 2024	Sep. 29, 2024~ Oct. 14, 2024	Jun. 19, 2025	Radiation (03CH15-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	1223	18GHz~40GHz	Jun. 24, 2024	Sep. 29, 2024~ Oct. 14, 2024	Jun. 23, 2025	Radiation (03CH15-HY)
Amplifier	SONOMA	310N	363440	9kHz~1GHz	Dec. 25, 2023	Sep. 29, 2024~ Oct. 14, 2024	Dec. 24, 2024	Radiation (03CH15-HY)
Preamplifier	EMEC	EM01G18G	060837	1GHz~18GHz	Feb. 15, 2024	Sep. 29, 2024~ Oct. 14, 2024	Feb. 14, 2025	Radiation (03CH15-HY)
Preamplifier	EM Electronics	EM01G18G	060802	1GHz~18GHz	Feb. 29, 2024	Sep. 29, 2024~ Oct. 14, 2024	Feb. 28, 2025	Radiation (03CH15-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	May 27, 2024	Sep. 29, 2024~ Oct. 14, 2024	May 26, 2025	Radiation (03CH15-HY)
Spectrum Analyzer	Keysight	N9010B	MY60241058	10Hz~44GHz	Jul. 11, 2024	Sep. 29, 2024~ Oct. 14, 2024	Jul. 10, 2025	Radiation (03CH15-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Sep. 29, 2024~ Oct. 14, 2024	N/A	Radiation (03CH15-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Sep. 29, 2024~ Oct. 14, 2024	N/A	Radiation (03CH15-HY)
Software	Audix	E3_V9_23062 1	RK-002394	N/A	N/A	Sep. 29, 2024~ Oct. 14, 2024	N/A	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104, 102E	MY582185/4, 519228/2,80 3950/2	N/A	Jun. 11, 2024	Sep. 29, 2024~ Oct. 14, 2024	Jun. 10, 2025	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804011/2,804 012/2	18-40G	Jan. 02, 2024	Sep. 29, 2024~ Oct. 14, 2024	Jan. 01, 2025	Radiation (03CH15-HY)
Filter	Wainwright	WHKX8-5872. 5-6750-18000- 40ST	SN6	3GHz High Pass Filter	Jun. 05, 2024	Sep. 29, 2024~ Oct. 14, 2024	Jun. 04, 2025	Radiation (03CH15-HY)
Filter	Wainwright	WHKX12-900- 1000-15000-6 0SS	SN12	1GHz High Pass Filter	Sep. 10, 2024	Sep. 29, 2024~ Oct. 14, 2024	Sep. 09, 2025	Radiation (03CH15-HY)
Hygrometer	TECPEL	DTM-302	SN4	N/A	Aug. 29, 2024	Sep. 29, 2024~ Oct. 14, 2024	Aug. 28, 2025	Radiation (03CH15-HY)
DC Power Supply	GW Instek	GPE2323	GET910884	0V~64V ;0A~6A	Nov. 16, 2023	Sep. 12, 2024~ Oct. 21, 2024	Nov. 15, 2024	Conducted (TH03-HY)
Signal Analyzer	Rohde & Schwarz	FSV3044	101103	10Hz~44GHz	Jan. 31, 2024	Sep. 12, 2024~ Oct. 21, 2024	Jan. 30, 2025	Conducted (TH03-HY)
Temperature Chamber	ESPEC	SH-641	92013720	-40°C ~90°C	Sep. 06, 2024	Sep. 12, 2024~ Oct. 21, 2024	Sep. 05, 2025	Conducted (TH03-HY)
Hygrometer	TECPEL	DTM-303B	TP200886	NA	Mar. 14, 2024	Sep. 12, 2024~ Oct. 21, 2024	Mar. 13, 2025	Conducted (TH03-HY)
Base Station (Measure)	Anritsu	MT8000A	6262148275	FR1	Oct. 24, 2023	Sep. 12, 2024~ Oct. 21, 2024	Oct. 23, 2024	Conducted (TH03-HY)
Software 1	Sporton	FCC 5GNR FSV30 44 20231106	N/A	Conducted Test Item	N/A	Sep. 12, 2024~ Oct. 21, 2024	N/A	Conducted (TH03-HY)



6 Measurement Uncertainty

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.299 dB
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Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	2.075 dB
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Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	2.076 dB
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Appendix A. Test Results of Conducted Test

Conducted Output Power(Average power) and ERP/EIRP

<SISO Mode>

<SCS 15kHz>

NR n66 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
5	1	1	PI/2 BPSK	24.72	24.73	24.76	26.96	0.4966		
5	1	23		24.72	24.74	24.74				
5	12	6		24.83	24.84	24.96				
5	1	0		24.21	24.42	24.32				
5	1	24		24.16	24.50	24.29				
5	25	0		23.80	23.81	23.90				
5	1	1	QPSK	24.21	24.25	24.34				
5	1	23		24.31	24.42	24.46				
5	12	6		24.34	24.35	24.45				
5	1	0		23.67	24.04	23.97				
5	1	24		23.73	24.06	24.09				
5	25	0		22.79	22.84	22.91				
5	1	1	16-QAM	23.18	23.22	23.27	25.27	0.3365		
5	1	1	64-QAM	21.76	21.86	21.86				
5	1	1	256-QAM	19.49	19.78	19.85				
Limit	EIRP < 1W			Result			Pass			

NR n66 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK	24.85	24.78	24.82	26.99	0.5		
10	1	50		24.78	24.80	24.84				
10	25	12		24.93	24.94	24.99				
10	1	0		24.31	24.42	24.35				
10	1	51		24.18	24.53	24.27				
10	50	0		23.91	23.91	24.00				
10	1	1	QPSK	24.45	24.42	24.38				
10	1	50		24.42	24.42	24.55				
10	25	12		24.47	24.42	24.54				
10	1	0		23.83	23.87	23.88				
10	1	51		23.80	24.01	23.83				
10	50	0		22.87	22.96	22.99				
10	1	1	16-QAM	23.31	23.33	23.31	25.33	0.3412		
10	1	1	64-QAM	21.88	21.83	21.87				
10	1	1	256-QAM	19.62	19.60	19.73				
Limit	EIRP < 1W			Result			Pass			



NR n66 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
15	1	1	PI/2 BPSK	24.71	24.71	24.60	26.95	0.4955		
15	1	77		24.57	24.79	24.74				
15	36	18		24.82	24.95	24.91				
15	1	0		24.29	24.37	24.26				
15	1	78		24.08	24.53	24.22				
15	75	0		23.80	23.86	23.93				
15	1	1	QPSK	24.22	24.35	24.33				
15	1	77		24.17	24.42	24.41				
15	36	18		24.30	24.43	24.42				
15	1	0		23.66	23.84	23.86				
15	1	78		23.61	23.95	23.94				
15	75	0		22.81	22.87	22.92				
15	1	1	16-QAM	23.26	23.21	23.13	25.26	0.3357		
15	1	1	64-QAM	21.72	21.78	21.83				
15	1	1	256-QAM	19.64	19.69	19.62				
Limit	EIRP < 1W			Result			Pass			

NR n66 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
20	1	1	PI/2 BPSK	24.72	24.68	24.65	27.00	0.5012		
20	1	104		24.56	24.76	24.76				
20	50	25		24.83	25.00	24.85				
20	1	0		24.22	24.22	24.34				
20	1	105		24.09	24.44	24.24				
20	100	0		23.77	23.93	23.91				
20	1	1	QPSK	24.28	24.38	24.28				
20	1	104		24.25	24.33	24.39				
20	50	25		24.32	24.48	24.43				
20	1	0		23.62	23.79	23.84				
20	1	105		23.67	23.91	23.75				
20	100	0		22.82	22.94	22.97				
20	1	1	16-QAM	23.26	23.28	23.15	25.28	0.3373		
20	1	1	64-QAM	21.79	21.85	21.72				
20	1	1	256-QAM	19.72	19.76	19.70				
Limit	EIRP < 1W			Result			Pass			



NR n66 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
25	1	1	PI/2 BPSK	24.69	24.50	24.63	26.76	0.4742		
25	1	131		24.46	24.66	24.69				
25	64	32		24.69	24.74	24.76				
25	1	0		24.15	24.11	24.38				
25	1	132		24.10	24.39	24.19				
25	128	0		23.51	23.73	23.73				
25	1	1	QPSK	24.16	24.22	24.18				
25	1	131		24.17	24.18	24.35				
25	64	32		24.24	24.29	24.32				
25	1	0		23.56	23.71	23.85				
25	1	132		23.62	23.85	23.78				
25	128	0		22.48	22.69	22.77				
25	1	1	16-QAM	23.12	23.21	23.17	25.21	0.3319		
25	1	1	64-QAM	21.71	21.69	21.71				
25	1	1	256-QAM	19.56	19.73	19.60				
Limit	EIRP < 1W			Result			Pass			

NR n66 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
30	1	1	PI/2 BPSK	24.73	24.59	24.73	26.88	0.4875		
30	1	158		24.65	24.69	24.77				
30	80	40		24.86	24.81	24.88				
30	1	0		24.27	24.13	24.53				
30	1	159		24.34	24.41	24.24				
30	160	0		23.75	23.83	23.91				
30	1	1	QPSK	24.34	24.25	24.32				
30	1	158		24.23	24.26	24.43				
30	80	40		24.42	24.39	24.44				
30	1	0		23.67	23.72	23.94				
30	1	159		23.80	23.91	23.78				
30	160	0		22.79	22.87	22.89				
30	1	1	16-QAM	23.15	23.21	23.27	25.27	0.3365		
30	1	1	64-QAM	21.77	21.72	21.80				
30	1	1	256-QAM	19.49	19.66	19.65				
Limit	EIRP < 1W			Result			Pass			



NR n66 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
35	1	1	PI/2 BPSK	24.61	24.50	24.57	26.82	0.4808		
35	1	186		24.58	24.56	24.62				
35	90	45		24.75	24.82	24.82				
35	1	0		24.24	24.06	24.34				
35	1	187		24.42	24.27	24.18				
35	180	0		23.60	23.81	23.76				
35	1	1	QPSK	24.15	24.15	24.21				
35	1	186		24.12	24.13	24.29				
35	90	45		24.31	24.29	24.37				
35	1	0		23.61	23.63	23.73				
35	1	187		23.77	23.76	23.67				
35	180	0		22.69	22.81	22.75				
35	1	1	16-QAM	23.11	22.92	23.11	25.11	0.3243		
35	1	1	64-QAM	21.64	21.66	21.64				
35	1	1	256-QAM	19.55	19.58	19.35				
Limit	EIRP < 1W			Result			Pass			

NR n66 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
40	1	1	PI/2 BPSK	24.66	24.58	24.59	26.91	0.4909		
40	1	214		24.66	24.67	24.71				
40	108	54		24.75	24.91	24.79				
40	1	0		24.16	24.09	24.25				
40	1	215		24.44	24.35	24.22				
40	216	0		23.68	23.83	23.73				
40	1	1	QPSK	24.19	24.21	24.19				
40	1	214		24.22	24.27	24.30				
40	108	54		24.35	24.43	24.32				
40	1	0		23.60	23.62	23.74				
40	1	215		23.85	23.82	23.76				
40	216	0		22.69	22.90	22.76				
40	1	1	16-QAM	23.29	23.00	23.24	25.29	0.3381		
40	1	1	64-QAM	21.71	21.77	21.72				
40	1	1	256-QAM	19.26	19.66	19.60				
Limit	EIRP < 1W			Result			Pass			



NR n66 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
45	1	1	PI/2 BPSK	24.61	24.64	24.48	26.93	0.4932		
45	1	238		24.61	24.73	24.66				
45	120	60		24.81	24.93	24.86				
45	1	0		24.11	24.08	24.20				
45	1	239		24.87	24.76	24.72				
45	240	0		23.70	23.93	23.80				
45	1	1	QPSK	24.22	24.26	24.17				
45	1	238		24.16	24.29	24.41				
45	120	60		24.29	24.47	24.41				
45	1	0		23.54	23.60	23.68				
45	1	239		24.84	24.89	24.80				
45	240	0		22.77	22.98	22.80				
45	1	1	16-QAM	23.06	23.20	23.16	25.2	0.3311		
45	1	1	64-QAM	21.66	21.80	21.70				
45	1	1	256-QAM	19.50	19.72	19.65				
Limit	EIRP < 1W			Result			Pass			



NR n70 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
5	1	1	PI/2 BPSK	24.59	24.75	24.81	26.89	0.4887		
5	1	23		24.75	24.78	24.69				
5	12	6		24.77	24.89	24.88				
5	1	0		24.38	24.40	24.39				
5	1	24		24.42	24.34	24.26				
5	25	0		23.76	23.86	23.83				
5	1	1	QPSK	24.27	24.43	24.33				
5	1	23		24.29	24.35	24.21				
5	12	6		24.30	24.36	24.43				
5	1	0		23.94	23.88	23.83				
5	1	24		23.90	23.79	23.69				
5	25	0		22.78	22.88	22.86				
5	1	1	16-QAM	23.41	23.19	23.31	25.41	0.3475		
5	1	1	64-QAM	21.92	21.83	21.83				
5	1	1	256-QAM	19.81	19.62	19.68				
Limit	EIRP < 1W			Result			Pass			

NR n70 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK	24.60	24.64	24.85	26.99	0.5000		
10	1	50		24.84	24.67	24.77				
10	25	12		24.99	24.88	24.96				
10	1	0		24.32	24.37	24.51				
10	1	51		24.36	24.30	24.26				
10	50	0		23.91	23.79	23.89				
10	1	1	QPSK	24.41	24.33	24.48				
10	1	50		24.41	24.28	24.27				
10	25	12		24.44	24.36	24.46				
10	1	0		23.89	23.89	24.00				
10	1	51		23.81	23.68	23.68				
10	50	0		22.95	22.81	22.91				
10	1	1	16-QAM	23.14	23.21	23.23	25.23	0.3334		
10	1	1	64-QAM	21.86	21.79	21.95				
10	1	1	256-QAM	19.72	19.68	19.94				
Limit	EIRP < 1W			Result			Pass			



NR n70 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
15	1	1	PI/2 BPSK	-	24.60	-	27.00	0.5012		
15	1	77		-	24.70	-				
15	36	18		-	25.00	-				
15	1	0		-	24.34	-				
15	1	78		-	24.24	-				
15	75	0		-	23.91	-				
15	1	1	QPSK	-	24.41	-				
15	1	77		-	24.35	-				
15	36	18		-	24.49	-				
15	1	0		-	23.93	-				
15	1	78		-	23.63	-				
15	75	0		-	22.93	-				
15	1	1	16-QAM	-	23.08	-	25.08	0.3221		
15	1	1	64-QAM	-	21.82	-				
15	1	1	256-QAM	-	19.72	-				
Limit	EIRP < 1W			Result			Pass			



NR n71 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
5	1	1	PI/2 BPSK	24.71	24.66	24.65	24.61	0.2891		
5	1	23		24.67	24.65	24.59				
5	12	6		24.74	24.76	24.68				
5	1	0		24.22	23.96	23.98				
5	1	24		24.16	23.97	24.06				
5	25	0		23.75	23.72	23.66				
5	1	1	QPSK	24.28	24.30	24.24				
5	1	23		24.29	24.29	24.17				
5	12	6		24.26	24.28	24.17				
5	1	0		23.87	23.53	23.55				
5	1	24		23.78	23.50	23.63				
5	25	0		22.67	22.72	22.59				
5	1	1	16-QAM	23.19	23.30	23.22	23.15	0.2065		
5	1	1	64-QAM	21.97	22.07	21.97				
5	1	1	256-QAM	19.89	19.93	19.78				
Limit	ERP < 3W			Result			Pass			

NR n71 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
10	1	1	PI/2 BPSK	24.78	24.90	24.70	24.75	0.2985		
10	1	50		24.81	24.75	24.52				
10	25	12		24.84	24.86	24.66				
10	1	0		24.17	24.01	23.77				
10	1	51		24.04	23.94	23.98				
10	50	0		23.72	23.79	23.70				
10	1	1	QPSK	24.21	24.41	24.23				
10	1	50		24.35	24.33	24.11				
10	25	12		24.27	24.32	24.11				
10	1	0		23.84	23.54	23.42				
10	1	51		23.64	23.38	23.60				
10	50	0		22.77	22.82	22.68				
10	1	1	16-QAM	23.07	23.30	23.10	23.15	0.2065		
10	1	1	64-QAM	22.15	22.25	22.07				
10	1	1	256-QAM	19.70	19.79	19.59				
Limit	ERP < 3W			Result			Pass			



NR n71 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
15	1	1	PI/2 BPSK	24.64	24.73	24.73	24.67	0.2931		
15	1	77		24.78	24.67	24.53				
15	36	18		24.79	24.82	24.68				
15	1	0		24.15	23.98	23.90				
15	1	78		24.02	23.87	24.03				
15	75	0		23.67	23.84	23.68				
15	1	1	QPSK	24.14	24.31	24.25				
15	1	77		24.32	24.16	24.10				
15	36	18		24.23	24.35	24.21				
15	1	0		23.66	23.58	23.38				
15	1	78		23.56	23.43	23.55				
15	75	0		22.71	22.82	22.72				
15	1	1	16-QAM	23.18	23.21	23.09	23.06	0.2023		
15	1	1	64-QAM	22.12	21.95	22.09				
15	1	1	256-QAM	19.80	19.86	20.01				
Limit	ERP < 3W			Result			Pass			

NR n71 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
20	1	1	PI/2 BPSK	24.64	24.63	24.74	24.71	0.2958		
20	1	104		24.83	24.57	24.42				
20	50	25		24.77	24.86	24.74				
20	1	0		24.11	24.06	23.93				
20	1	105		23.97	24.05	24.04				
20	100	0		23.60	23.84	23.68				
20	1	1	QPSK	24.27	24.29	24.45				
20	1	104		24.41	24.26	24.10				
20	50	25		24.26	24.37	24.24				
20	1	0		23.86	23.66	23.53				
20	1	105		23.50	23.51	23.66				
20	100	0		22.64	22.83	22.64				
20	1	1	16-QAM	23.06	23.04	23.27	23.12	0.2051		
20	1	1	64-QAM	21.93	21.99	22.09				
20	1	1	256-QAM	19.88	19.94	20.01				
Limit	ERP < 3W			Result			Pass			



<SCS 30kHz>

NR n66 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK	24.35	24.37	24.44	26.92	0.4920		
10	1	22		24.42	24.36	24.41				
10	12	6		24.91	24.92	24.92				
10	1	0		24.38	24.50	24.41				
10	1	23		24.23	24.61	24.37				
10	24	0		23.88	23.93	24.10				
10	1	1	QPSK	24.24	24.09	24.07				
10	1	22		24.48	24.14	24.64				
10	12	6		24.44	24.45	24.72				
10	1	0		23.87	24.29	24.24				
10	1	23		24.09	24.28	24.32				
10	24	0		22.91	22.87	23.14				
10	1	1	16-QAM	23.34	22.70	22.93	25.34	0.3420		
10	1	1	64-QAM	21.85	21.24	21.55				
10	1	1	256-QAM	19.41	19.46	19.45				
Limit	EIRP < 1W			Result			Pass			

NR n66 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
15	1	1	PI/2 BPSK	24.33	24.36	24.26	26.96	0.4966		
15	1	36		24.23	24.42	24.29				
15	18	9		24.93	24.96	24.95				
15	1	0		24.26	24.47	24.36				
15	1	37		24.16	24.62	24.29				
15	36	0		23.91	24.05	23.93				
15	1	1	QPSK	23.99	24.35	23.91				
15	1	36		24.01	24.32	24.14				
15	18	9		24.46	24.52	24.54				
15	1	0		23.94	24.35	24.04				
15	1	37		24.31	24.25	24.02				
15	36	0		22.93	23.07	23.07				
15	1	1	16-QAM	22.82	22.84	22.74	24.84	0.3048		
15	1	1	64-QAM	21.30	21.49	21.35				
15	1	1	256-QAM	19.45	19.38	19.40				
Limit	EIRP < 1W			Result			Pass			



NR n66 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
20	1	1	PI/2 BPSK	24.36	24.36	24.26	26.98	0.4989		
20	1	49		24.15	24.35	24.36				
20	25	12		24.93	24.98	24.93				
20	1	0		24.28	24.36	24.41				
20	1	50		24.17	24.57	24.32				
20	50	0		23.85	24.03	24.03				
20	1	1	QPSK	24.17	24.16	24.19				
20	1	49		24.49	24.01	24.46				
20	25	12		24.47	24.61	24.56				
20	1	0		23.73	24.07	24.07				
20	1	50		24.02	24.04	24.10				
20	50	0		22.92	23.09	23.05				
20	1	1	16-QAM	22.85	22.79	22.74	24.85	0.3055		
20	1	1	64-QAM	21.41	21.43	21.40				
20	1	1	256-QAM	19.33	19.54	19.21				
Limit	EIRP < 1W			Result			Pass			

NR n66 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
25	1	1	PI/2 BPSK	24.23	24.25	24.28	26.91	0.4909		
25	1	63		24.09	24.38	24.38				
25	32	16		24.78	24.86	24.91				
25	1	0		24.24	24.28	24.50				
25	1	64		24.16	24.50	24.33				
25	64	0		23.65	23.88	23.97				
25	1	1	QPSK	23.96	23.73	23.77				
25	1	63		23.97	23.83	23.85				
25	32	16		24.29	24.38	24.46				
25	1	0		23.67	24.04	24.07				
25	1	64		23.97	24.06	24.09				
25	64	0		22.72	22.96	23.02				
25	1	1	16-QAM	22.71	23.10	22.79	25.10	0.3236		
25	1	1	64-QAM	21.27	21.35	21.24				
25	1	1	256-QAM	19.40	19.32	19.51				
Limit	EIRP < 1W			Result			Pass			



NR n66 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
30	1	1	PI/2 BPSK	24.37	24.27	24.33	26.97	0.4977		
30	1	76		24.27	24.37	24.39				
30	36	18		24.95	24.97	24.76				
30	1	0		24.35	24.22	24.60				
30	1	77		24.41	24.51	24.35				
30	75	0		23.93	24.02	23.97				
30	1	1	QPSK	23.82	23.91	23.84				
30	1	76		23.77	23.96	23.90				
30	36	18		24.49	24.61	24.54				
30	1	0		23.84	24.26	24.23				
30	1	77		24.16	24.39	24.41				
30	75	0		22.91	23.01	23.00				
30	1	1	16-QAM	22.86	23.27	22.84	25.27	0.3365		
30	1	1	64-QAM	21.27	21.49	21.28				
30	1	1	256-QAM	19.46	19.34	19.53				
Limit	EIRP < 1W			Result			Pass			



NR n66 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
35	1	1	PI/2 BPSK	24.33	24.20	24.27	26.88	0.4875		
35	1	90		24.31	24.21	24.33				
35	45	22		24.82	24.88	24.68				
35	1	0		24.21	24.16	24.42				
35	1	91		24.52	24.38	24.30				
35	90	0		23.80	24.00	23.94				
35	1	1	QPSK	23.79	24.14	24.04				
35	1	90		23.79	24.12	24.32				
35	45	22		24.51	24.60	24.52				
35	1	0		23.81	23.94	23.86				
35	1	91		24.04	23.99	24.00				
35	90	0		22.87	23.09	22.95				
35	1	1	16-QAM	22.81	22.81	22.73	24.81	0.3027		
35	1	1	64-QAM	21.21	21.54	21.32				
35	1	1	256-QAM	19.43	19.42	19.37				
Limit	EIRP < 1W			Result			Pass			

NR n66 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
40	1	1	PI/2 BPSK	24.31	24.27	24.22	26.94	0.4943		
40	1	104		24.37	24.35	24.35				
40	50	25		24.70	24.94	24.83				
40	1	0		24.24	24.17	24.43				
40	1	105		24.49	24.36	24.30				
40	100	0		23.86	24.09	23.85				
40	1	1	QPSK	24.19	24.22	23.95				
40	1	104		24.25	24.10	24.16				
40	50	25		24.50	24.57	24.48				
40	1	0		23.70	23.87	23.94				
40	1	105		23.98	24.07	23.98				
40	100	0		22.85	23.09	22.89				
40	1	1	16-QAM	22.83	22.69	22.75	24.83	0.3041		
40	1	1	64-QAM	21.43	21.41	21.26				
40	1	1	256-QAM	19.45	19.44	19.44				
Limit	EIRP < 1W			Result			Pass			



NR n66 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
45	1	1	PI/2 BPSK	24.25	24.26	24.24	26.96	0.4966		
45	1	117		24.21	24.31	24.36				
45	54	27		24.67	24.96	24.88				
45	1	0		24.12	24.15	24.25				
45	1	118		24.44	24.32	24.24				
45	108	0		23.83	23.95	23.97				
45	1	1	QPSK	24.06	24.30	24.24				
45	1	117		24.18	24.25	24.28				
45	54	27		24.43	24.48	24.45				
45	1	0		23.58	23.94	23.92				
45	1	118		23.88	23.97	24.02				
45	108	0		22.86	22.98	22.94				
45	1	1	16-QAM	22.69	22.73	22.62	24.73	0.2972		
45	1	1	64-QAM	21.11	21.40	21.36				
45	1	1	256-QAM	19.26	19.41	19.29				
Limit	EIRP < 1W			Result			Pass			



NR n70 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK	24.29	24.33	24.53	26.96	0.4966		
10	1	22		24.42	24.39	24.44				
10	12	6		24.92	24.96	24.93				
10	1	0		24.44	24.42	24.54				
10	1	23		24.44	24.34	24.35				
10	24	0		24.05	24.00	24.10				
10	1	1	QPSK	24.59	24.12	24.61				
10	1	22		24.32	23.99	24.36				
10	12	6		24.67	24.61	24.74				
10	1	0		24.39	24.31	24.27				
10	1	23		23.94	23.81	23.81				
10	24	0		23.06	23.01	23.16				
10	1	1	16-QAM	22.80	22.77	22.96	24.96	0.3133		
10	1	1	64-QAM	21.61	21.44	21.69				
10	1	1	256-QAM	19.42	19.40	19.47				
Limit	EIRP < 1W			Result			Pass			



NR n70 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
15	1	1	PI/2 BPSK	-	24.19	-	26.96	0.4966		
15	1	36		-	24.30	-				
15	18	9		-	24.96	-				
15	1	0		-	24.38	-				
15	1	37		-	24.26	-				
15	36	0		-	23.94	-				
15	1	1	QPSK	-	24.05	-				
15	1	36		-	23.89	-				
15	18	9		-	24.44	-				
15	1	0		-	24.35	-				
15	1	37		-	23.70	-				
15	36	0		-	22.96	-				
15	1	1	16-QAM	-	22.59	-	24.59	0.2877		
15	1	1	64-QAM	-	21.36	-				
15	1	1	256-QAM	-	19.43	-				
Limit	EIRP < 1W			Result			Pass			

NR n71 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
10	1	1	PI/2 BPSK	24.62	24.76	24.61	24.64	0.2911		
10	1	22		24.66	24.73	24.54				
10	12	6		24.79	24.79	24.68				
10	1	0		24.30	23.96	23.87				
10	1	23		24.13	23.99	24.03				
10	24	0		23.80	23.91	23.73				
10	1	1	QPSK	24.17	24.42	24.27				
10	1	22		24.16	24.31	24.14				
10	12	6		24.25	24.47	24.22				
10	1	0		24.10	23.72	23.60				
10	1	23		23.79	23.69	23.75				
10	24	0		22.74	22.96	22.74				
10	1	1	16-QAM	23.10	23.15	23.11	23.00	0.1995		
10	1	1	64-QAM	21.89	22.11	21.97				
10	1	1	256-QAM	19.56	19.67	19.57				
Limit	ERP < 3W			Result			Pass			



NR n71 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
15	1	1	PI/2 BPSK	24.58	24.69	24.76	24.61	0.2891		
15	1	36		24.66	24.75	24.55				
15	18	9		24.72	24.76	24.72				
15	1	0		24.18	24.06	23.92				
15	1	37		24.02	24.04	24.04				
15	36	0		23.74	23.94	23.82				
15	1	1	QPSK	24.41	24.42	24.36				
15	1	36		24.39	24.33	24.19				
15	18	9		24.20	24.39	24.30				
15	1	0		23.95	23.70	23.43				
15	1	37		23.62	23.59	23.53				
15	36	0		22.71	22.93	22.80				
15	1	1	16-QAM	23.01	23.11	23.21	23.06	0.2023		
15	1	1	64-QAM	22.05	22.02	22.13				
15	1	1	256-QAM	19.46	19.64	19.74				
Limit	ERP < 3W			Result			Pass			

NR n71 Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
20	1	1	PI/2 BPSK	24.53	24.71	24.75	24.63	0.2904		
20	1	49		24.73	24.73	24.60				
20	25	12		24.74	24.78	24.72				
20	1	0		24.25	24.08	24.04				
20	1	50		23.99	24.04	24.11				
20	50	0		23.68	23.95	23.71				
20	1	1	QPSK	24.22	24.41	24.51				
20	1	49		24.33	24.35	24.33				
20	25	12		24.27	24.42	24.34				
20	1	0		23.82	23.61	23.55				
20	1	50		23.51	23.58	23.62				
20	50	0		22.69	22.93	22.74				
20	1	1	16-QAM	22.97	23.18	23.25	23.10	0.2042		
20	1	1	64-QAM	21.92	22.10	22.18				
20	1	1	256-QAM	19.52	19.56	19.59				
Limit	ERP < 3W			Result			Pass			



<MIMO Mode>

<SCS 15kHz>

NR n66 Maximum Average Power [dBm], DG = 2 dBi														
BW	RB	RB	Mod	Antenna 0			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
5	1	1	BPSK	24.74	24.72	24.76	24.53	24.65	24.61	27.65	27.70	27.70	29.91	0.9795
5	1	23		24.72	24.79	24.75	24.52	24.63	24.60	27.63	27.72	27.69		
5	12	6		24.83	24.85	24.93	24.79	24.93	24.87	27.82	27.90	27.91		
5	1	0		21.27	21.31	21.36	21.32	21.44	21.40	24.31	24.39	24.39		
5	1	24		21.27	21.27	21.36	21.30	21.46	21.39	24.30	24.38	24.39		
5	25	0		23.79	23.78	23.89	23.85	23.94	23.98	26.83	26.87	26.95		
5	1	1	QPSK	24.48	24.54	24.55	24.48	24.77	24.60	27.49	27.67	27.59	29.77	0.9484
5	1	23		24.54	24.62	24.75	24.53	24.75	24.76	27.55	27.70	27.77		
5	12	6		24.34	24.33	24.48	24.39	24.53	24.52	27.38	27.44	27.51		
5	1	0		21.27	21.31	21.41	21.34	21.52	21.53	24.32	24.43	24.48		
5	1	24		21.28	21.34	21.44	21.35	21.56	21.58	24.33	24.46	24.52		
5	25	0		22.79	22.80	22.92	22.80	22.97	22.94	25.81	25.90	25.94		
5	1	1	16-QAM	23.23	23.25	23.32	23.22	23.31	23.26	26.24	26.29	26.30	28.30	0.6761
5	1	1	64-QAM	21.79	21.83	21.92	21.82	21.96	21.88	24.82	24.91	24.91		
5	1	1	256-QAM	19.49	19.65	19.66	19.74	19.84	19.80	22.63	22.76	22.74		
Limit	EIRP < 2W			Result									Pass	

NR n66 Maximum Average Power [dBm], DG = 2 dBi														
BW	RB	RB	Mod	Antenna 0			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
10	1	1	BPSK	24.73	24.71	24.73	24.69	24.68	24.56	27.72	27.71	27.66	29.98	0.9954
10	1	50		24.70	24.75	24.79	24.70	24.68	24.66	27.71	27.73	27.74		
10	25	12		24.81	24.84	24.97	24.98	25.04	24.96	27.91	27.95	27.98		
10	1	0		21.23	21.27	21.36	21.47	21.42	21.38	24.36	24.36	24.38		
10	1	51		21.21	21.32	21.41	21.45	21.48	21.46	24.34	24.41	24.45		
10	50	0		23.74	23.84	23.96	23.99	23.99	24.00	26.88	26.93	26.99		
10	1	1	QPSK	24.51	24.58	24.52	24.65	24.80	24.63	27.59	27.70	27.59	29.78	0.9506
10	1	50		24.54	24.60	24.75	24.70	24.68	24.79	27.63	27.65	27.78		
10	25	12		24.31	24.37	24.49	24.45	24.50	24.48	27.39	27.45	27.50		
10	1	0		21.23	21.34	21.37	21.50	21.59	21.65	24.38	24.48	24.52		
10	1	51		21.29	21.35	21.50	21.54	21.59	21.62	24.43	24.48	24.57		
10	50	0		22.72	22.82	22.98	22.95	23.00	23.02	25.85	25.92	26.01		
10	1	1	16-QAM	23.20	23.26	23.29	23.37	23.28	23.25	26.30	26.28	26.28	28.30	0.6761
10	1	1	64-QAM	21.76	21.79	21.76	21.99	21.85	21.70	24.89	24.83	24.74		
10	1	1	256-QAM	19.64	19.66	19.30	19.83	19.83	19.54	22.75	22.76	22.43		
Limit	EIRP < 2W			Result									Pass	



NR n66 Maximum Average Power [dBm], DG = 2 dBi														
BW	RB	RB	Mod	Antenna 0			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
15	1	1	BPSK	24.71	24.67	24.57	24.70	24.64	24.58	27.72	27.67	27.59	29.95	0.9886
15	1	77		24.54	24.77	24.65	24.59	24.72	24.65	27.58	27.76	27.66		
15	36	18		24.79	24.89	24.82	24.98	24.99	25.02	27.90	27.95	27.93		
15	1	0		21.15	21.27	21.16	21.45	21.39	21.34	24.31	24.34	24.26		
15	1	78		21.14	21.30	21.24	21.40	21.44	21.41	24.28	24.38	24.34		
15	75	0		23.72	23.87	23.80	23.99	24.04	24.03	26.87	26.97	26.93		
15	1	1	QPSK	24.44	24.58	24.44	24.63	24.76	24.74	27.55	27.68	27.60	29.68	0.9290
15	1	77		24.48	24.59	24.58	24.68	24.72	24.75	27.59	27.67	27.68		
15	36	18		24.27	24.42	24.37	24.48	24.60	24.56	27.39	27.52	27.48		
15	1	0		21.20	21.31	21.25	21.46	21.59	21.54	24.34	24.46	24.41		
15	1	78		21.21	21.30	21.30	21.53	21.59	21.60	24.38	24.46	24.46		
15	75	0		22.76	22.86	22.85	22.96	23.08	23.06	25.87	25.98	25.97		
15	1	1	16-QAM	23.21	23.18	23.16	23.32	23.18	23.17	26.28	26.19	26.18	28.28	0.6730
15	1	1	64-QAM	21.74	21.83	21.69	21.97	21.83	21.81	24.87	24.84	24.76		
15	1	1	256-QAM	19.46	19.56	19.49	19.61	19.72	19.71	22.55	22.65	22.61		
Limit	EIRP < 2W			Result									Pass	

NR n66 Maximum Average Power [dBm], DG = 2 dBi														
BW	RB	RB	Mod	Antenna 0			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
20	1	1	BPSK	24.67	24.70	24.60	24.63	24.57	24.59	27.66	27.65	27.61	29.97	0.9931
20	1	104		24.54	24.80	24.73	24.55	24.66	24.63	27.56	27.74	27.69		
20	50	25		24.92	24.89	24.85	24.96	24.95	25.07	27.95	27.93	27.97		
20	1	0		21.20	21.30	21.21	21.42	21.31	21.40	24.32	24.32	24.32		
20	1	105		21.21	21.32	21.32	21.32	21.45	21.42	24.28	24.40	24.38		
20	100	0		23.71	23.89	23.92	23.94	24.10	23.98	26.84	27.01	26.96		
20	1	1	QPSK	24.54	24.61	24.52	24.62	24.70	24.76	27.59	27.67	27.65	29.73	0.9397
20	1	104		24.60	24.62	24.66	24.69	24.70	24.77	27.66	27.67	27.73		
20	50	25		24.30	24.47	24.38	24.43	24.53	24.54	27.38	27.51	27.47		
20	1	0		21.24	21.39	21.28	21.39	21.55	21.53	24.33	24.48	24.42		
20	1	105		21.34	21.38	21.38	21.57	21.58	21.58	24.47	24.49	24.49		
20	100	0		22.79	22.91	22.91	22.99	23.09	23.03	25.90	26.01	25.98		
20	1	1	16-QAM	23.21	23.28	23.18	23.26	23.17	23.33	26.25	26.24	26.27	28.27	0.6714
20	1	1	64-QAM	21.78	21.78	21.70	21.89	21.76	21.87	24.85	24.78	24.80		
20	1	1	256-QAM	19.56	19.58	19.48	19.81	19.66	19.77	22.70	22.63	22.64		
Limit	EIRP < 2W			Result									Pass	



NR n66 Maximum Average Power [dBm], DG = 2 dBi														
BW	RB	RB	Mod	Antenna 0			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
25	1	1	BPSK	24.53	24.54	24.65	24.57	24.59	24.69	27.56	27.58	27.68	29.88	0.9727
25	1	131		24.43	24.69	24.65	24.59	24.69	24.66	27.52	27.70	27.67		
25	64	32		24.64	24.75	24.77	24.88	24.96	24.97	27.77	27.87	27.88		
25	1	0		21.14	21.25	21.20	21.42	21.38	21.54	24.29	24.33	24.38		
25	1	132		21.11	21.25	21.32	21.41	21.47	21.41	24.27	24.37	24.38		
25	128	0		23.42	23.80	23.73	23.91	24.02	23.73	26.68	26.92	26.74		
25	1	1	QPSK	24.34	24.52	24.43	24.52	24.77	24.66	27.44	27.66	27.56	29.7	0.9333
25	1	131		24.39	24.55	24.62	24.75	24.69	24.76	27.58	27.63	27.70		
25	64	32		24.18	24.28	24.38	24.42	24.54	24.57	27.31	27.42	27.49		
25	1	0		21.11	21.40	21.26	21.40	21.76	21.59	24.27	24.59	24.44		
25	1	132		21.20	21.30	21.44	21.63	21.59	21.60	24.43	24.46	24.53		
25	128	0		22.47	22.75	22.76	22.82	23.08	22.77	25.66	25.93	25.78		
25	1	1	16-QAM	23.12	23.23	23.22	23.21	23.25	23.30	26.18	26.25	26.27	28.27	0.6714
25	1	1	64-QAM	21.71	21.73	21.74	21.93	21.80	21.93	24.83	24.78	24.85		
25	1	1	256-QAM	19.69	19.72	19.69	19.84	19.83	20.06	22.78	22.79	22.89		
Limit	EIRP < 2W			Result									Pass	

NR n66 Maximum Average Power [dBm], DG = 2 dBi														
BW	RB	RB	Mod	Antenna 0			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
30	1	1	BPSK	24.77	24.53	24.78	24.55	24.56	24.70	27.67	27.56	27.75	29.98	0.9954
30	1	158		24.70	24.69	24.75	24.65	24.66	24.63	27.69	27.69	27.70		
30	80	40		24.87	24.78	24.90	24.94	25.05	25.03	27.92	27.93	27.98		
30	1	0		21.28	21.19	21.31	21.34	21.36	21.50	24.32	24.29	24.42		
30	1	159		21.24	21.24	21.34	21.39	21.47	21.43	24.33	24.37	24.40		
30	160	0		23.76	23.86	23.85	23.90	24.16	23.84	26.84	27.02	26.86		
30	1	1	QPSK	24.60	24.53	24.54	24.52	24.70	24.72	27.57	27.63	27.64	29.73	0.9397
30	1	158		24.58	24.52	24.68	24.76	24.72	24.75	27.68	27.63	27.73		
30	80	40		24.44	24.34	24.44	24.48	24.62	24.54	27.47	27.49	27.50		
30	1	0		21.35	21.31	21.30	21.36	21.60	21.58	24.37	24.47	24.45		
30	1	159		21.36	21.31	21.43	21.59	21.55	21.56	24.49	24.44	24.51		
30	160	0		22.79	22.82	22.89	22.88	23.17	22.90	25.85	26.01	25.91		
30	1	1	16-QAM	23.31	23.18	23.29	23.24	23.27	23.33	26.29	26.24	26.32	28.32	0.6792
30	1	1	64-QAM	21.89	21.68	21.81	21.86	21.73	21.94	24.89	24.72	24.89		
30	1	1	256-QAM	19.60	19.55	19.69	19.76	19.69	19.74	22.69	22.63	22.73		
Limit	EIRP < 2W			Result									Pass	



NR n66 Maximum Average Power [dBm], DG = 2 dBi														
BW	RB	RB	Mod	Antenna 0			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
35	1	1	BPSK	24.73	24.55	24.62	24.53	24.49	24.57	27.64	27.53	27.61	29.94	0.9863
35	1	186		24.67	24.65	24.73	24.68	24.55	24.50	27.69	27.61	27.63		
35	90	45		24.84	24.88	24.86	24.97	24.98	24.87	27.92	27.94	27.88		
35	1	0		21.19	21.23	21.19	21.34	21.30	21.36	24.28	24.28	24.29		
35	1	187		21.25	21.22	21.30	21.42	21.34	21.26	24.35	24.29	24.29		
35	180	0		23.71	23.88	23.80	23.82	24.03	23.73	26.78	26.97	26.78		
35	1	1	QPSK	24.49	24.58	24.41	24.58	24.62	24.61	27.55	27.61	27.52	29.67	0.9268
35	1	186		24.52	24.54	24.65	24.79	24.67	24.56	27.67	27.62	27.62		
35	90	45		24.36	24.38	24.42	24.50	24.58	24.41	27.44	27.49	27.43		
35	1	0		21.20	21.39	21.24	21.28	21.44	21.38	24.25	24.43	24.32		
35	1	187		21.25	21.28	21.39	21.51	21.41	21.41	24.39	24.36	24.41		
35	180	0		22.73	22.89	22.81	22.90	23.08	22.77	25.83	26.00	25.80		
35	1	1	16-QAM	23.23	23.08	23.16	23.22	23.05	23.22	26.24	26.08	26.20	28.24	0.6668
35	1	1	64-QAM	21.79	21.67	21.73	21.80	21.73	21.83	24.81	24.71	24.79		
35	1	1	256-QAM	19.51	19.57	19.38	19.52	19.68	19.71	22.53	22.64	22.56		
Limit	EIRP < 2W			Result									Pass	

NR n66 Maximum Average Power [dBm], DG = 2 dBi														
BW	RB	RB	Mod	Antenna 0			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
40	1	1	BPSK	24.65	24.56	24.64	24.53	24.53	24.58	27.60	27.56	27.62	29.98	0.9954
40	1	214		24.68	24.66	24.73	24.67	24.51	24.59	27.69	27.60	27.67		
40	108	54		24.75	24.81	24.82	24.91	25.12	24.84	27.84	27.98	27.84		
40	1	0		21.20	21.23	21.21	21.31	21.39	21.37	24.27	24.32	24.30		
40	1	215		21.26	21.29	21.38	21.46	21.34	21.32	24.37	24.33	24.36		
40	216	0		23.66	23.85	23.77	23.71	24.17	23.74	26.70	27.02	26.77		
40	1	1	QPSK	24.50	24.55	24.53	24.54	24.65	24.70	27.53	27.61	27.63	29.67	0.9268
40	1	214		24.52	24.54	24.70	24.67	24.73	24.62	27.61	27.65	27.67		
40	108	54		24.33	24.35	24.37	24.46	24.60	24.40	27.41	27.49	27.40		
40	1	0		21.25	21.34	21.24	21.31	21.48	21.49	24.29	24.42	24.38		
40	1	215		21.25	21.35	21.43	21.51	21.51	21.50	24.39	24.44	24.48		
40	216	0		22.72	22.84	22.77	22.76	23.19	22.79	25.75	26.03	25.79		
40	1	1	16-QAM	23.27	23.22	23.21	23.25	23.23	23.20	26.27	26.24	26.22	28.27	0.6714
40	1	1	64-QAM	21.77	21.68	21.74	21.80	21.77	21.81	24.80	24.74	24.79		
40	1	1	256-QAM	19.65	19.69	19.55	19.69	19.70	19.81	22.68	22.71	22.69		
Limit	EIRP < 2W			Result									Pass	



NR n66 Maximum Average Power [dBm], DG = 2 dBi														
BW	RB	RB	Mod	Antenna 0			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
45	1	1	BPSK	24.67	24.56	24.58	24.47	24.61	24.53	27.58	27.60	27.57	29.96	0.9908
45	1	239		24.66	24.63	24.78	24.60	24.53	24.56	27.64	27.59	27.68		
45	120	60		24.77	24.82	24.91	24.84	25.03	24.98	27.82	27.94	27.96		
45	1	0		21.18	21.20	21.26	21.22	21.39	21.31	24.21	24.31	24.30		
45	1	238		24.69	24.63	24.78	24.58	24.55	24.59	27.65	27.60	27.70		
45	240	0		23.74	23.81	23.87	23.80	24.06	23.94	26.78	26.95	26.92		
45	1	1	QPSK	24.53	24.52	24.59	24.46	24.68	24.70	27.51	27.61	27.66	29.72	0.9376
45	1	239		24.50	24.49	24.72	24.64	24.72	24.69	27.58	27.62	27.72		
45	120	60		24.38	24.31	24.42	24.43	24.62	24.48	27.42	27.48	27.46		
45	1	0		21.25	21.25	21.33	21.26	21.50	21.54	24.27	24.39	24.45		
45	1	238		24.50	24.51	24.71	24.59	24.73	24.65	27.56	27.63	27.69		
45	240	0		22.79	22.79	22.85	22.81	23.12	22.95	25.81	25.97	25.91		
45	1	1	16-QAM	23.19	23.09	23.17	23.12	23.23	23.24	26.17	26.17	26.22	28.22	0.6637
45	1	1	64-QAM	21.78	21.69	21.82	21.79	21.88	21.70	24.80	24.80	24.77		
45	1	1	256-QAM	19.51	19.65	19.61	19.66	19.67	19.67	22.60	22.67	22.65		
Limit	EIRP < 2W			Result									Pass	



NR n70 Maximum Average Power [dBm], DG = 2 dBi														
BW	RB	RB	Mod	Antenna 0			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
5	1	1	BPSK	24.54	24.73	24.72	24.64	24.78	24.93	27.60	27.77	27.84	29.93	0.9840
5	1	23		24.67	24.70	24.63	24.74	24.79	24.70	27.72	27.76	27.68		
5	12	6		24.74	24.86	24.80	24.93	24.98	25.01	27.85	27.93	27.92		
5	1	0		21.18	21.34	21.30	21.43	21.50	21.62	24.32	24.43	24.47		
5	1	24		21.29	21.25	21.21	21.48	21.46	21.52	24.40	24.37	24.38		
5	25	0		23.76	23.85	23.80	23.96	24.01	24.00	26.87	26.94	26.91		
5	1	1	QPSK	24.66	24.56	24.52	24.84	24.78	24.94	27.76	27.68	27.75	29.76	0.9462
5	1	23		24.60	24.58	24.44	24.88	24.80	24.73	27.75	27.70	27.60		
5	12	6		24.38	24.40	24.33	24.63	24.59	24.58	27.52	27.51	27.47		
5	1	0		21.42	21.37	21.34	21.76	21.76	21.69	24.60	24.58	24.53		
5	1	24		21.34	21.34	21.21	21.73	21.54	21.52	24.55	24.45	24.38		
5	25	0		22.80	22.87	22.80	23.03	23.00	23.02	25.93	25.95	25.92		
5	1	1	16-QAM	23.12	23.25	23.27	23.32	23.36	23.50	26.23	26.32	26.40	28.40	0.6918
5	1	1	64-QAM	21.64	21.82	21.85	21.78	21.92	22.17	24.72	24.88	25.02		
5	1	1	256-QAM	19.60	19.69	19.73	19.83	19.83	19.95	22.73	22.77	22.85		
Limit	EIRP < 1W			Result									Pass	

NR n70 Maximum Average Power [dBm], DG = 2 dBi														
BW	RB	RB	Mod	Antenna 0			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
10	1	1	BPSK	24.60	24.65	24.83	24.64	24.65	24.84	27.63	27.66	27.85	29.99	0.9977
10	1	50		24.77	24.76	24.72	24.81	24.74	24.68	27.80	27.76	27.71		
10	25	12		24.91	24.93	24.91	25.03	25.02	25.03	27.98	27.99	27.98		
10	1	0		21.25	21.30	21.49	21.40	21.39	21.60	24.34	24.36	24.56		
10	1	51		21.29	21.26	21.29	21.51	21.39	21.49	24.41	24.34	24.40		
10	50	0		23.86	23.88	23.90	23.94	23.99	24.06	26.91	26.95	26.99		
10	1	1	QPSK	24.66	24.67	24.76	24.80	24.78	24.98	27.74	27.74	27.88	29.88	0.9727
10	1	50		24.62	24.61	24.53	24.81	24.73	24.69	27.73	27.68	27.62		
10	25	12		24.43	24.46	24.46	24.56	24.55	24.59	27.51	27.52	27.54		
10	1	0		21.45	21.44	21.50	21.66	21.67	21.83	24.57	24.57	24.68		
10	1	51		21.31	21.31	21.33	21.56	21.41	21.51	24.45	24.37	24.43		
10	50	0		22.84	22.91	22.92	22.98	22.98	23.07	25.92	25.96	26.01		
10	1	1	16-QAM	23.19	23.29	23.40	23.25	23.29	23.46	26.23	26.30	26.44	28.44	0.6982
10	1	1	64-QAM	21.73	21.83	21.96	21.77	21.81	22.02	24.76	24.83	25.00		
10	1	1	256-QAM	19.34	19.57	19.76	19.50	19.88	19.98	22.43	22.74	22.88		
Limit	EIRP < 1W			Result									Pass	



NR n70 Maximum Average Power [dBm], DG = 2 dBi														
BW	RB	RB	Mod	Antenna 0			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
15	1	1	BPSK	-	24.60	-	-	24.60	-	-	27.61	-	29.98	0.9954
15	1	77		-	24.72	-	-	24.68	-	-	27.71	-		
15	36	18		-	24.90	-	-	25.03	-	-	27.98	-		
15	1	0		-	21.27	-	-	21.32	-	-	24.31	-		
15	1	78		-	21.17	-	-	21.36	-	-	24.28	-		
15	75	0		-	23.88	-	-	24.00	-	-	26.95	-		
15	1	1	QPSK	-	24.66	-	-	24.73	-	-	27.71	-	29.71	0.9354
15	1	77		-	24.45	-	-	24.61	-	-	27.54	-		
15	36	18		-	24.50	-	-	24.62	-	-	27.57	-		
15	1	0		-	21.37	-	-	21.55	-	-	24.47	-		
15	1	78		-	21.16	-	-	21.34	-	-	24.26	-		
15	75	0		-	22.95	-	-	23.05	-	-	26.01	-		
15	1	1	16-QAM	-	23.13	-	-	23.18	-	-	26.17	-	28.17	0.6561
15	1	1	64-QAM	-	21.70	-	-	21.70	-	-	24.71	-		
15	1	1	256-QAM	-	19.54	-	-	19.74	-	-	22.65	-		
Limit	EIRP < 1W			Result									Pass	



NR n71 Maximum Average Power [dBm], DG = 2 dBi														
BW	RB	RB	Mod	Antenna 0			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
5	1	1	BPSK	24.57	24.43	24.47	24.65	24.76	24.60	27.62	27.61	27.55	29.73	0.9397
5	1	23		24.59	24.42	24.50	24.76	24.75	24.57	27.69	27.60	27.55		
5	12	6		24.62	24.46	24.54	24.81	24.85	24.67	27.73	27.67	27.62		
5	1	0		21.46	21.27	21.24	21.51	21.57	21.42	24.50	24.43	24.34		
5	1	24		21.42	21.22	21.27	21.51	21.60	21.45	24.48	24.42	24.37		
5	25	0		23.69	23.47	23.54	23.76	23.79	23.62	26.74	26.64	26.59		
5	1	1	QPSK	24.31	24.10	24.15	24.48	24.49	24.27	27.41	27.31	27.22	29.41	0.8730
5	1	23		24.28	24.07	24.21	24.50	24.48	24.23	27.40	27.29	27.23		
5	12	6		24.16	23.98	24.12	24.37	24.35	24.21	27.28	27.18	27.18		
5	1	0		21.59	21.34	21.33	21.69	21.70	21.52	24.65	24.53	24.44		
5	1	24		21.56	21.28	21.38	21.64	21.71	21.53	24.61	24.51	24.47		
5	25	0		22.68	22.47	22.54	22.76	22.79	22.64	25.73	25.64	25.60		
5	1	1	16-QAM	23.10	22.94	23.00	23.24	23.37	23.17	26.18	26.17	26.10	28.18	0.6577
5	1	1	64-QAM	22.01	21.79	21.84	22.01	22.11	21.98	25.02	24.96	24.92		
5	1	1	256-QAM	19.83	19.66	19.33	19.84	19.96	19.60	22.85	22.82	22.48		
Limit	EIRP < 1W			Result									Pass	

NR n71 Maximum Average Power [dBm], DG = 2 dBi														
BW	RB	RB	Mod	Antenna 0			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
10	1	1	BPSK	24.61	24.46	24.38	24.58	24.69	24.61	27.61	27.59	27.51	29.82	0.9594
10	1	50		24.59	24.40	24.43	24.67	24.73	24.46	27.64	27.58	27.46		
10	25	12		24.80	24.66	24.63	24.81	24.89	24.87	27.82	27.79	27.76		
10	1	0		21.47	21.27	21.19	21.46	21.57	21.41	24.48	24.43	24.31		
10	1	51		21.33	21.17	21.24	21.48	21.59	21.34	24.42	24.40	24.30		
10	50	0		23.67	23.54	23.52	23.76	23.85	23.72	26.73	26.71	26.63		
10	1	1	BPSK	24.28	24.08	24.00	24.38	24.36	24.28	27.34	27.23	27.15	29.36	0.8630
10	1	50		24.26	24.03	24.13	24.44	24.42	24.23	27.36	27.24	27.19		
10	25	12		24.17	24.05	23.99	24.27	24.36	24.17	27.23	27.22	27.09		
10	1	0		21.61	21.35	21.21	21.61	21.65	21.45	24.62	24.51	24.34		
10	1	51		21.44	21.26	21.26	21.59	21.64	21.39	24.53	24.46	24.34		
10	50	0		22.62	22.51	22.48	22.73	22.84	22.72	25.69	25.69	25.61		
10	1	1	16-QAM	23.13	23.00	22.92	23.23	23.34	23.19	26.19	26.18	26.07	28.19	0.6592
10	1	1	64-QAM	22.08	21.85	21.79	22.01	22.12	21.99	25.06	25.00	24.90		
10	1	1	256-QAM	19.84	19.65	19.58	19.85	19.90	19.83	22.86	22.79	22.72		
Limit	EIRP < 1W			Result									Pass	



NR n71 Maximum Average Power [dBm], DG = 2 dBi														
BW	RB	RB	Mod	Antenna 0			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
15	1	1	BPSK	24.51	24.47	24.34	24.56	24.67	24.70	27.55	27.58	27.53	29.71	0.9354
15	1	77		24.46	24.41	24.37	24.72	24.67	24.52	27.60	27.55	27.46		
15	36	18		24.61	24.54	24.50	24.78	24.83	24.76	27.71	27.70	27.64		
15	1	0		21.38	21.26	21.19	21.44	21.43	21.57	24.42	24.36	24.39		
15	1	78		21.29	21.23	21.24	21.52	21.45	21.39	24.42	24.35	24.33		
15	75	0		23.51	23.56	23.49	23.70	23.84	23.74	26.62	26.71	26.63		
15	1	1	QPSK	24.23	24.14	24.03	24.30	24.38	24.37	27.28	27.27	27.21	29.28	0.8472
15	1	77		24.09	24.04	24.11	24.41	24.36	24.22	27.26	27.21	27.18		
15	36	18		24.13	24.07	23.98	24.30	24.38	24.28	27.23	27.24	27.14		
15	1	0		21.51	21.34	21.27	21.57	21.54	21.65	24.55	24.45	24.47		
15	1	78		21.36	21.31	21.30	21.62	21.57	21.48	24.50	24.45	24.40		
15	75	0		22.55	22.57	22.48	22.71	22.87	22.74	25.64	25.73	25.62		
15	1	1	16-QAM	23.03	23.02	22.91	23.08	23.19	23.24	26.07	26.12	26.09	28.12	0.6486
15	1	1	64-QAM	21.97	21.86	21.83	21.93	21.99	22.14	24.96	24.94	25.00		
15	1	1	256-QAM	19.69	19.57	19.57	19.77	19.79	19.95	22.74	22.69	22.77		
Limit	EIRP < 1W			Result									Pass	

NR n71 Maximum Average Power [dBm], DG = 2 dBi														
BW	RB	RB	Mod	Antenna 0			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
20	1	1	BPSK	24.57	24.53	24.48	24.50	24.62	24.81	27.55	27.59	27.66	29.74	0.9419
20	1	104		24.49	24.39	24.43	24.66	24.59	24.54	27.59	27.50	27.50		
20	50	25		24.54	24.57	24.42	24.76	24.88	24.78	27.66	27.74	27.61		
20	1	0		21.39	21.27	21.25	21.40	21.46	21.58	24.41	24.38	24.43		
20	1	105		21.26	21.18	21.26	21.54	21.41	21.43	24.41	24.31	24.36		
20	100	0		23.41	23.63	23.47	23.60	23.87	23.71	26.52	26.76	26.60		
20	1	1	QPSK	24.28	24.27	24.14	24.29	24.34	24.47	27.30	27.32	27.32	29.32	0.8551
20	1	104		24.11	24.08	24.19	24.34	24.30	24.27	27.24	27.20	27.24		
20	50	25		24.03	24.07	23.97	24.22	24.34	24.33	27.14	27.22	27.16		
20	1	0		21.53	21.38	21.33	21.57	21.54	21.71	24.56	24.47	24.53		
20	1	105		21.32	21.25	21.31	21.63	21.49	21.55	24.49	24.38	24.44		
20	100	0		22.44	22.61	22.49	22.62	22.87	22.75	25.54	25.75	25.63		
20	1	1	16-QAM	23.12	23.12	22.48	23.14	23.15	22.94	26.14	26.15	25.73	28.15	0.6531
20	1	1	64-QAM	21.96	21.87	21.33	21.89	22.00	21.66	24.94	24.95	24.51		
20	1	1	256-QAM	19.71	19.76	19.59	19.73	19.82	19.95	22.73	22.80	22.78		
Limit	EIRP < 1W			Result									Pass	



<SCS 30kHz>

NR n66 Maximum Average Power [dBm], DG = 2 dBi														
BW	RB	RB	Mod	Antenna 0			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
10	1	1	BPSK	24.91	24.78	24.83	24.78	24.89	24.76	27.86	27.85	27.81	29.96	0.9908
10	1	22		24.85	24.83	24.92	24.77	24.93	24.78	27.82	27.89	27.86		
10	12	6		24.96	24.92	24.95	24.88	24.92	24.94	27.93	27.93	27.96		
10	1	0		21.39	21.38	21.45	21.58	21.59	21.56	24.50	24.50	24.52		
10	1	23		21.42	21.40	21.53	21.61	21.66	21.57	24.53	24.54	24.56		
10	24	0		23.95	23.90	24.05	24.11	24.21	24.17	27.04	27.07	27.12		
10	1	1	QPSK	24.39	24.72	24.57	24.38	25.15	24.88	27.40	27.95	27.74	29.95	0.9886
10	1	22		24.31	24.69	24.69	24.43	25.02	24.80	27.38	27.87	27.76		
10	12	6		24.48	24.43	24.63	24.60	24.81	24.72	27.55	27.63	27.69		
10	1	0		21.38	21.31	21.48	21.50	21.81	21.76	24.45	24.58	24.63		
10	1	23		21.36	21.34	21.55	21.50	21.72	21.74	24.44	24.54	24.66		
10	24	0		22.93	22.91	23.07	23.08	23.26	23.20	26.02	26.10	26.15		
10	1	1	16-QAM	23.54	23.24	23.31	23.72	23.38	23.17	26.64	26.32	26.25	28.64	0.7311
10	1	1	64-QAM	21.88	21.88	21.93	21.90	22.17	22.02	24.90	25.04	24.99		
10	1	1	256-QAM	19.49	19.36	19.50	19.50	19.63	19.66	22.51	22.51	22.59		
Limit	EIRP < 2W			Result									Pass	

NR n66 Maximum Average Power [dBm], DG = 2 dBi														
BW	RB	RB	Mod	Antenna 0			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
15	1	1	BPSK	24.81	24.83	24.79	24.78	24.80	24.65	27.81	27.83	27.73	29.93	0.9840
15	1	36		24.63	24.87	24.87	24.71	24.90	24.76	27.68	27.90	27.83		
15	18	9		24.86	24.97	25.02	24.85	24.85	24.81	27.87	27.92	27.93		
15	1	0		21.29	21.42	21.39	21.55	21.55	21.47	24.43	24.50	24.44		
15	1	37		21.29	21.39	21.48	21.57	21.66	21.53	24.44	24.54	24.52		
15	36	0		23.86	23.99	24.07	24.15	24.24	24.13	27.02	27.13	27.11		
15	1	1	QPSK	24.42	24.81	24.81	24.68	25.05	24.96	27.56	27.94	27.90	29.95	0.9886
15	1	36		24.47	24.74	24.96	24.68	25.13	24.92	27.59	27.95	27.95		
15	18	9		24.37	24.49	24.54	24.63	24.69	24.54	27.51	27.60	27.55		
15	1	0		21.29	21.42	21.45	21.52	21.77	21.69	24.42	24.61	24.58		
15	1	37		21.30	21.42	21.52	21.57	21.69	21.66	24.45	24.57	24.60		
15	36	0		22.85	22.98	23.09	23.15	23.27	23.21	26.01	26.14	26.16		
15	1	1	16-QAM	23.25	23.27	23.24	23.34	23.27	23.14	26.31	26.28	26.20	28.31	0.6776
15	1	1	64-QAM	21.75	21.91	21.88	21.93	22.09	21.97	24.85	25.01	24.94		
15	1	1	256-QAM	19.38	19.37	19.41	19.60	19.53	19.56	22.50	22.46	22.50		
Limit	EIRP < 2W			Result									Pass	



NR n66 Maximum Average Power [dBm], DG = 2 dBi														
BW	RB	RB	Mod	Antenna 0			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
20	1	1	BPSK	24.88	24.78	24.72	24.75	24.80	24.80	27.83	27.80	27.77	29.94	0.9863
20	1	49		24.65	24.87	24.81	24.67	24.87	24.78	27.67	27.88	27.81		
20	25	12		24.90	24.75	24.97	24.96	25.11	24.88	27.94	27.94	27.94		
20	1	0		21.41	21.45	21.33	21.53	21.51	21.61	24.48	24.49	24.48		
20	1	50		21.31	21.43	21.45	21.47	21.61	21.58	24.40	24.53	24.53		
20	50	0		23.87	24.00	23.98	24.13	24.25	24.14	27.01	27.14	27.07		
20	1	1	QPSK	24.49	24.49	24.67	24.56	24.84	25.18	27.54	27.68	27.94	29.94	0.9863
20	1	49		24.44	24.45	24.84	24.68	24.86	24.92	27.57	27.67	27.89		
20	25	12		24.46	24.55	24.49	24.62	24.77	24.73	27.55	27.67	27.62		
20	1	0		21.36	21.43	21.37	21.45	21.63	21.69	24.42	24.54	24.54		
20	1	50		21.35	21.39	21.50	21.57	21.60	21.72	24.47	24.51	24.62		
20	50	0		22.87	22.97	23.02	23.15	23.26	23.20	26.02	26.13	26.12		
20	1	1	16-QAM	23.34	23.23	23.19	23.31	23.33	23.36	26.34	26.29	26.29	28.34	0.6823
20	1	1	64-QAM	21.85	21.92	21.89	21.88	22.21	22.13	24.88	25.08	25.02		
20	1	1	256-QAM	19.41	19.39	19.41	19.64	19.53	19.55	22.54	22.47	22.49		
Limit	EIRP < 2W			Result									Pass	

NR n66 Maximum Average Power [dBm], DG = 2 dBi														
BW	RB	RB	Mod	Antenna 0			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
25	1	1	BPSK	24.77	24.72	24.72	24.70	24.73	24.90	27.75	27.74	27.82	29.94	0.9863
25	1	63		24.59	24.83	24.76	24.73	24.89	24.84	27.67	27.87	27.81		
25	32	16		24.76	24.90	24.85	25.02	24.96	24.92	27.90	27.94	27.90		
25	1	0		21.31	21.47	21.35	21.56	21.55	21.74	24.45	24.52	24.56		
25	1	64		21.27	21.51	21.48	21.51	21.71	21.68	24.40	24.62	24.59		
25	64	0		23.64	23.96	23.88	24.02	24.30	23.99	26.84	27.14	26.95		
25	1	1	QPSK	24.38	24.67	24.57	24.52	24.73	25.13	27.46	27.71	27.87	29.95	0.9886
25	1	63		24.34	24.57	24.80	24.75	24.65	25.07	27.56	27.62	27.95		
25	32	16		24.24	24.43	24.33	24.51	24.62	24.60	27.39	27.54	27.48		
25	1	0		21.30	21.49	21.35	21.39	21.67	21.80	24.36	24.59	24.59		
25	1	64		21.32	21.46	21.50	21.63	21.63	21.75	24.49	24.56	24.64		
25	64	0		22.66	22.96	22.87	23.00	23.29	23.05	25.84	26.14	25.97		
25	1	1	16-QAM	23.21	23.16	23.21	23.25	23.12	23.41	26.24	26.15	26.32	28.32	0.6792
25	1	1	64-QAM	21.74	21.89	21.87	21.84	22.08	22.25	24.80	25.00	25.07		
25	1	1	256-QAM	19.45	19.48	19.46	19.59	19.68	19.77	22.53	22.59	22.63		
Limit	EIRP < 2W			Result									Pass	



NR n66 Maximum Average Power [dBm], DG = 2 dBi														
BW	RB	RB	Mod	Antenna 0			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
30	1	1	BPSK	24.80	24.71	24.82	24.81	24.75	24.91	27.82	27.74	27.88	29.96	0.9908
30	1	76		24.70	24.86	24.86	24.87	24.85	24.85	27.80	27.87	27.87		
30	36	18		24.88	24.82	24.96	25.02	24.91	24.87	27.96	27.88	27.93		
30	1	0		21.44	21.40	21.41	21.50	21.54	21.66	24.48	24.48	24.55		
30	1	77		21.41	21.45	21.44	21.53	21.63	21.58	24.48	24.55	24.52		
30	75	0		23.93	24.01	23.96	24.05	24.25	24.06	27.00	27.14	27.02		
30	1	1	QPSK	24.57	24.61	24.54	24.86	24.67	24.76	27.73	27.65	27.66	29.94	0.9863
30	1	76		24.67	24.56	24.69	25.18	24.73	24.75	27.94	27.66	27.73		
30	36	18		24.44	24.51	24.56	24.77	24.75	24.84	27.62	27.64	27.71		
30	1	0		21.34	21.43	21.38	21.54	21.64	21.69	24.45	24.55	24.55		
30	1	77		21.30	21.41	21.46	21.82	21.60	21.60	24.58	24.52	24.54		
30	75	0		22.85	23.01	22.99	23.13	23.25	23.09	26.00	26.14	26.05		
30	1	1	16-QAM	23.32	23.09	23.32	23.37	23.10	23.35	26.36	26.11	26.35	28.36	0.6855
30	1	1	64-QAM	21.89	21.84	21.94	22.07	22.00	22.19	24.99	24.93	25.08		
30	1	1	256-QAM	19.41	19.43	19.49	19.66	19.63	19.64	22.55	22.54	22.58		
Limit	EIRP < 2W			Result									Pass	

NR n66 Maximum Average Power [dBm], DG = 2 dBi														
BW	RB	RB	Mod	Antenna 0			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
35	1	1	BPSK	24.76	24.59	24.66	24.78	24.78	24.82	27.78	27.70	27.75	29.96	0.9908
35	1	90		24.71	24.66	24.73	24.89	24.84	24.78	27.81	27.76	27.77		
35	45	22		24.88	24.82	24.88	24.96	25.08	24.98	27.93	27.96	27.94		
35	1	0		21.28	21.23	21.22	21.50	21.57	21.59	24.40	24.41	24.42		
35	1	91		21.25	21.26	21.32	21.66	21.61	21.56	24.47	24.45	24.45		
35	90	0		23.73	23.88	23.77	24.00	24.37	24.00	26.88	27.14	26.90		
35	1	1	QPSK	24.60	24.53	24.24	24.87	24.60	24.75	27.75	27.58	27.51	29.85	0.9661
35	1	90		24.50	24.47	24.45	25.15	24.66	24.62	27.85	27.58	27.55		
35	45	22		24.42	24.49	24.37	24.72	24.71	24.67	27.58	27.61	27.53		
35	1	0		21.30	21.51	21.17	21.48	21.65	21.58	24.40	24.59	24.39		
35	1	91		21.27	21.41	21.32	21.66	21.62	21.56	24.48	24.53	24.45		
35	90	0		22.76	23.04	22.79	23.05	23.31	23.02	25.92	26.19	25.92		
35	1	1	16-QAM	23.21	23.08	23.15	23.27	23.03	23.38	26.25	26.07	26.28	28.28	0.6730
35	1	1	64-QAM	21.83	21.82	21.60	21.96	21.93	21.96	24.91	24.89	24.79		
35	1	1	256-QAM	19.31	19.45	19.37	19.53	19.62	19.68	22.43	22.55	22.54		
Limit	EIRP < 2W			Result									Pass	



NR n66 Maximum Average Power [dBm], DG = 2 dBi														
BW	RB	RB	Mod	Antenna 0			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
40	1	1	BPSK	24.79	24.64	24.66	24.71	24.76	24.86	27.76	27.71	27.77	29.96	0.9908
40	1	104		24.77	24.70	24.73	24.80	24.80	24.78	27.80	27.76	27.77		
40	50	25		24.82	24.76	24.75	25.08	25.12	25.09	27.96	27.95	27.93		
40	1	0		21.32	21.31	21.25	21.50	21.59	21.62	24.42	24.46	24.45		
40	1	105		21.36	21.34	21.38	21.61	21.59	21.59	24.50	24.48	24.50		
40	100	0		23.76	23.93	23.72	23.90	24.36	24.08	26.84	27.16	26.91		
40	1	1	QPSK	24.57	24.74	24.34	24.80	25.12	24.72	27.70	27.94	27.54	29.94	0.9863
40	1	104		24.59	24.78	24.52	24.96	25.06	24.67	27.79	27.93	27.61		
40	50	25		24.35	24.43	24.32	24.68	24.76	24.68	27.53	27.61	27.51		
40	1	0		21.26	21.46	21.24	21.44	21.72	21.65	24.36	24.60	24.46		
40	1	105		21.36	21.47	21.38	21.62	21.68	21.57	24.50	24.59	24.49		
40	100	0		22.78	22.96	22.75	22.93	23.34	23.10	25.87	26.16	25.94		
40	1	1	16-QAM	23.18	23.05	23.16	23.25	23.22	23.33	26.23	26.15	26.26	28.26	0.6699
40	1	1	64-QAM	21.85	21.82	21.74	21.95	22.02	22.10	24.91	24.93	24.93		
40	1	1	256-QAM	19.32	19.31	19.41	19.56	19.52	19.70	22.45	22.43	22.57		
Limit	EIRP < 2W			Result									Pass	

NR n66 Maximum Average Power [dBm], DG = 2 dBi														
BW	RB	RB	Mod	Antenna 0			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
45	1	1	BPSK	24.73	24.66	24.59	24.66	24.72	24.82	27.71	27.70	27.72	29.96	0.9908
45	1	117		24.73	24.68	24.76	24.83	24.72	24.82	27.79	27.71	27.80		
45	54	27		24.86	24.93	24.85	24.98	24.93	25.04	27.93	27.94	27.96		
45	1	0		21.23	21.31	21.17	21.45	21.55	21.55	24.35	24.44	24.37		
45	1	118		21.23	21.35	21.37	21.58	21.52	21.60	24.42	24.45	24.50		
45	108	0		23.83	23.93	23.81	24.01	24.28	24.18	26.93	27.12	27.01		
45	1	1	QPSK	24.33	24.85	24.64	24.48	25.02	25.15	27.42	27.95	27.91	29.96	0.9908
45	1	117		24.31	24.70	24.87	24.30	25.10	25.02	27.32	27.91	27.96		
45	54	27		24.32	24.45	24.42	24.67	24.77	24.67	27.51	27.62	27.56		
45	1	0		21.22	21.37	21.29	21.39	21.66	21.76	24.32	24.53	24.54		
45	1	118		21.22	21.34	21.45	21.70	21.83	21.74	24.48	24.60	24.61		
45	108	0		22.83	22.93	22.84	23.02	23.28	23.16	25.94	26.12	26.01		
45	1	1	16-QAM	23.14	23.13	23.12	23.24	23.26	23.29	26.20	26.21	26.22	28.22	0.6637
45	1	1	64-QAM	21.71	21.91	21.77	21.91	22.05	22.15	24.82	24.99	24.97		
45	1	1	256-QAM	19.33	19.28	19.26	19.53	19.53	19.53	22.44	22.42	22.41		
Limit	EIRP < 2W			Result									Pass	



NR n70 Maximum Average Power [dBm], DG = 2 dBi														
BW	RB	RB	Mod	Antenna 0			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
10	1	1	BPSK	24.70	24.74	24.79	24.75	24.86	24.78	27.74	27.81	27.80	29.96	0.9908
10	1	22		24.84	24.78	24.83	24.96	24.91	24.87	27.91	27.86	27.86		
10	12	6		24.84	24.85	24.82	25.02	25.05	25.01	27.94	27.96	27.93		
10	1	0		21.39	21.38	21.49	21.50	21.57	21.74	24.46	24.49	24.63		
10	1	23		21.37	21.31	21.35	21.60	21.58	21.57	24.50	24.46	24.47		
10	24	0		23.94	23.89	24.00	24.09	24.12	24.17	27.03	27.02	27.10		
10	1	1	QPSK	24.64	24.59	24.73	24.82	24.94	24.94	27.74	27.78	27.85	29.85	0.9661
10	1	22		24.51	24.54	24.61	24.79	24.69	25.00	27.66	27.63	27.82		
10	12	6		24.52	24.56	24.54	24.75	24.71	24.77	27.65	27.65	27.67		
10	1	0		21.44	21.39	21.50	21.67	21.71	21.79	24.57	24.56	24.66		
10	1	23		21.34	21.30	21.33	21.60	21.54	21.50	24.48	24.43	24.43		
10	24	0		22.95	22.97	22.99	23.15	23.10	23.21	26.06	26.05	26.11		
10	1	1	16-QAM	23.07	23.19	23.39	23.11	23.16	23.53	26.10	26.19	26.47	28.47	0.7031
10	1	1	64-QAM	21.89	21.85	22.02	22.10	22.05	22.27	25.01	24.96	25.16		
10	1	1	256-QAM	19.40	19.48	19.48	19.63	19.57	19.72	22.53	22.54	22.61		
Limit	EIRP < 2W			Result									Pass	

NR n70 Maximum Average Power [dBm], DG = 2 dBi														
BW	RB	RB	Mod	Antenna 0			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
15	1	1	BPSK	-	24.71	-	-	24.71	-	-	27.72	-	29.94	0.9863
15	1	36		-	24.81	-	-	24.78	-	-	27.81	-		
15	18	9		-	24.90	-	-	24.95	-	-	27.94	-		
15	1	0		-	21.37	-	-	21.45	-	-	24.42	-		
15	1	37		-	21.29	-	-	21.44	-	-	24.38	-		
15	36	0		-	24.02	-	-	24.12	-	-	27.08	-		
15	1	1	QPSK	-	24.85	-	-	24.99	-	-	27.93	-	29.93	0.9840
15	1	36		-	24.55	-	-	24.79	-	-	27.68	-		
15	18	9		-	24.48	-	-	24.56	-	-	27.53	-		
15	1	0		-	21.59	-	-	21.81	-	-	24.71	-		
15	1	37		-	21.28	-	-	21.42	-	-	24.36	-		
15	36	0		-	23.01	-	-	23.17	-	-	26.10	-		
15	1	1	16-QAM	-	23.13	-	-	23.18	-	-	26.17	-	28.17	0.6561
15	1	1	64-QAM	-	21.96	-	-	22.10	-	-	25.04	-		
15	1	1	256-QAM	-	19.30	-	-	19.44	-	-	22.38	-		
Limit	EIRP < 2W			Result									Pass	



FCC RADIO TEST REPORT

Report No. : FG482804-01

NR n71 Maximum Average Power [dBm], DG = 2 dBi														
BW	RB	RB	Mod	Antenna 0			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
10	1	1	BPSK	24.73	24.62	24.62	24.79	24.91	24.85	27.77	27.78	27.75	29.79	0.9528
10	1	22		24.79	24.60	24.63	24.76	24.76	24.77	27.79	27.69	27.71		
10	12	6		24.56	24.60	24.59	24.86	24.92	24.88	27.72	27.77	27.75		
10	1	0		21.68	21.47	21.37	21.65	21.77	21.65	24.68	24.63	24.52		
10	1	23		21.54	21.36	21.44	21.70	21.82	21.64	24.63	24.61	24.55		
10	24	0		23.83	23.70	23.71	23.96	24.09	23.96	26.91	26.91	26.85		
10	1	1	QPSK	24.57	24.25	24.19	24.65	24.57	24.49	27.62	27.42	27.35	29.62	0.9162
10	1	22		24.49	24.16	24.25	24.64	24.55	24.35	27.58	27.37	27.31		
10	12	6		24.44	24.26	24.20	24.59	24.61	24.43	27.53	27.45	27.33		
10	1	0		21.82	21.46	21.37	21.78	21.82	21.67	24.81	24.65	24.53		
10	1	23		21.57	21.36	21.46	21.73	21.83	21.66	24.66	24.61	24.57		
10	24	0		22.90	22.70	22.68	23.01	23.12	22.97	25.97	25.93	25.84		
10	1	1	16-QAM	23.31	23.10	23.07	23.30	23.38	23.32	26.32	26.25	26.21	28.32	0.6792
10	1	1	64-QAM	22.27	21.92	21.88	22.25	22.29	22.20	25.27	25.12	25.05		
10	1	1	256-QAM	19.62	19.55	19.49	19.70	19.89	19.77	22.67	22.73	22.64		
Limit	EIRP < 2W			Result									Pass	

NR n71 Maximum Average Power [dBm], DG = 2 dBi														
BW	RB	RB	Mod	Antenna 0			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
15	1	1	BPSK	24.73	24.62	24.56	24.79	24.91	24.96	27.77	27.78	27.77	29.78	0.9506
15	1	36		24.65	24.54	24.59	24.88	24.94	24.82	27.78	27.75	27.72		
15	18	9		24.76	24.71	24.63	24.78	24.81	24.83	27.78	27.77	27.74		
15	1	0		21.62	21.46	21.38	21.63	21.68	21.85	24.64	24.58	24.63		
15	1	37		21.43	21.38	21.39	21.80	21.74	21.75	24.63	24.57	24.58		
15	36	0		23.70	23.74	23.66	23.95	24.12	24.01	26.84	26.94	26.85		
15	1	1	QPSK	24.36	24.27	24.21	24.47	24.53	24.65	27.43	27.41	27.45	29.45	0.8810
15	1	36		24.23	24.14	24.32	24.56	24.50	24.50	27.41	27.33	27.42		
15	18	9		24.26	24.24	24.15	24.47	24.57	24.53	27.38	27.42	27.35		
15	1	0		21.68	21.47	21.42	21.71	21.75	21.89	24.71	24.62	24.67		
15	1	37		21.48	21.36	21.47	21.80	21.74	21.80	24.65	24.56	24.65		
15	36	0		22.70	22.76	22.64	22.91	23.09	23.06	25.82	25.94	25.87		
15	1	1	16-QAM	23.14	23.12	23.06	23.19	23.31	23.48	26.18	26.23	26.29	28.29	0.6745
15	1	1	64-QAM	22.09	22.07	22.00	22.14	22.30	22.49	25.13	25.20	25.26		
15	1	1	256-QAM	19.70	19.43	19.40	19.74	19.73	19.88	22.73	22.59	22.66		
Limit	EIRP < 2W			Result									Pass	



FCC RADIO TEST REPORT

Report No. : FG482804-01

NR n71 Maximum Average Power [dBm], DG = 2 dBi														
BW	RB	RB	Mod	Antenna 0			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
20	1	1	BPSK	24.69	24.78	24.77	24.70	24.72	24.75	27.71	27.76	27.77	29.78	0.9506
20	1	49		24.64	24.64	24.68	24.83	24.88	24.77	27.75	27.77	27.74		
20	25	12		24.62	24.62	24.57	24.91	24.86	24.95	27.78	27.75	27.77		
20	1	0		21.54	21.53	21.54	21.65	21.68	21.78	24.61	24.62	24.67		
20	1	50		21.40	21.40	21.49	21.78	21.69	21.66	24.60	24.56	24.59		
20	50	0		23.55	23.76	23.69	23.90	24.08	23.93	26.74	26.93	26.82		
20	1	1	QPSK	24.41	24.47	24.26	24.60	24.62	24.55	27.52	27.56	27.42	29.56	0.9036
20	1	49		24.23	24.28	24.29	24.66	24.54	24.38	27.46	27.42	27.35		
20	25	12		24.23	24.27	24.19	24.50	24.62	24.57	27.38	27.46	27.39		
20	1	0		21.69	21.54	21.50	21.82	21.75	21.84	24.77	24.66	24.68		
20	1	50		21.46	21.49	21.46	21.88	21.73	21.73	24.69	24.62	24.61		
20	50	0		22.57	22.77	22.65	22.91	23.13	22.96	25.75	25.96	25.82		
20	1	1	16-QAM	23.23	23.27	23.17	23.26	23.33	23.42	26.26	26.31	26.31	28.31	0.6776
20	1	1	64-QAM	22.15	22.02	21.92	22.22	22.21	22.29	25.20	25.13	25.12		
20	1	1	256-QAM	19.64	19.59	19.62	19.61	19.82	19.86	22.64	22.72	22.75		
Limit	EIRP < 2W			Result									Pass	

**FR1 n66**

<SISO Mode>

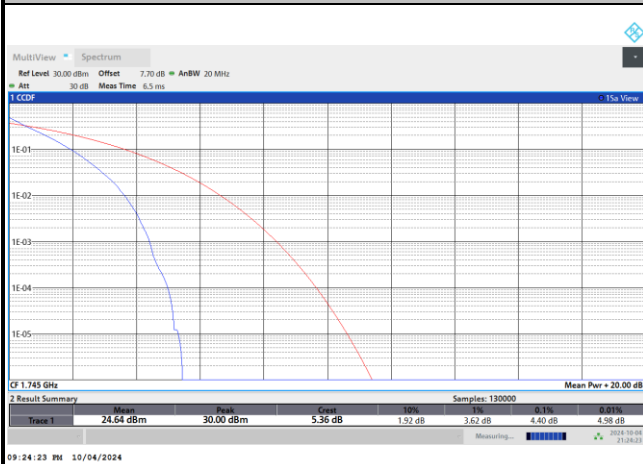
Peak-to-Average Ratio

Mode	FR1 n66 / 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	4.40	5.50	6.22	6.46	PASS
Mode	FR1 n66 / 20MHz / DFT-S OFDM				
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
Middle CH	6.86				PASS

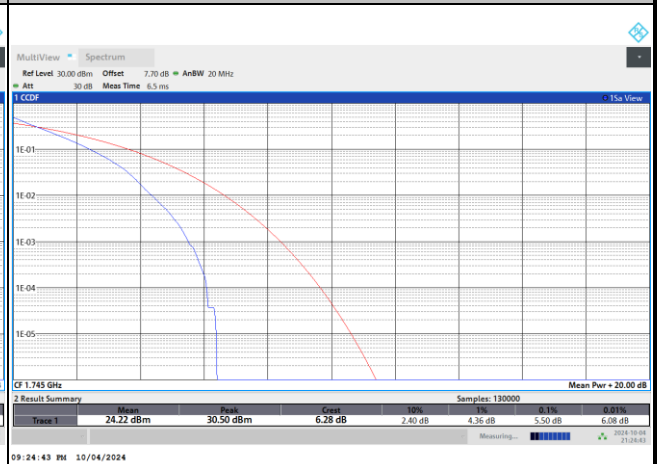


FR1 n66 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

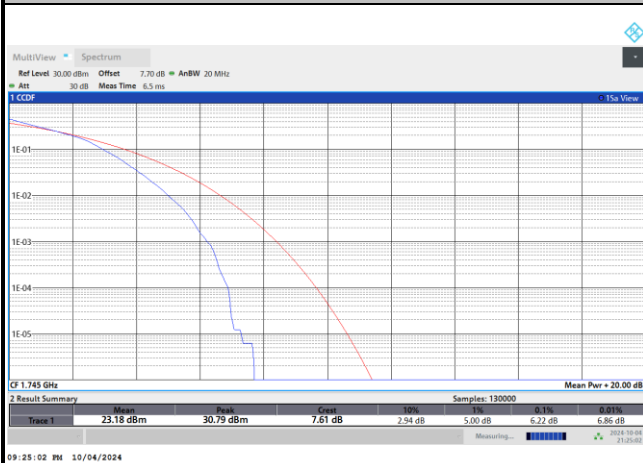
PI/2 BPSK



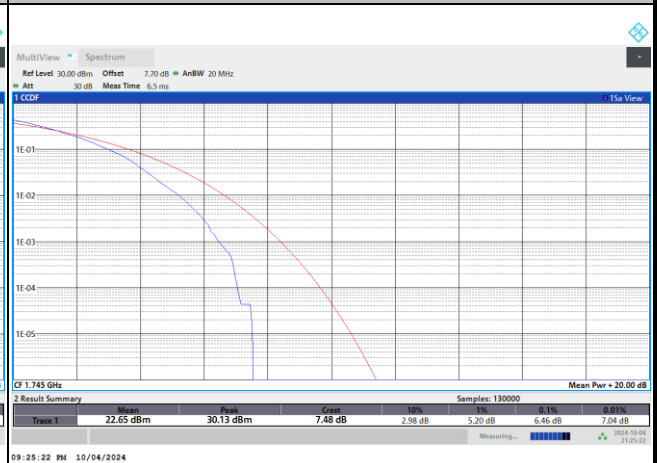
QPSK



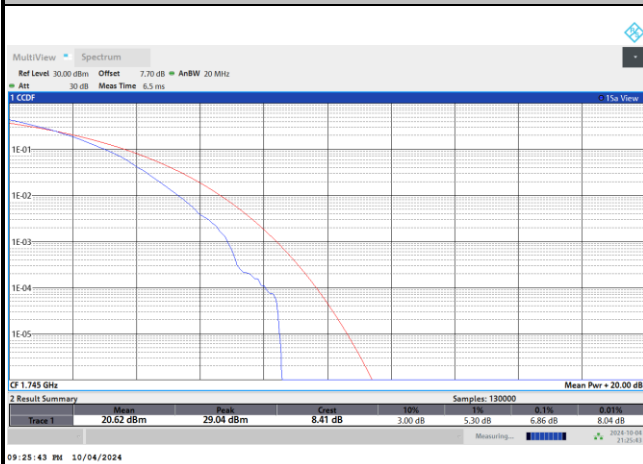
16QAM



64QAM



256QAM



26dB Bandwidth

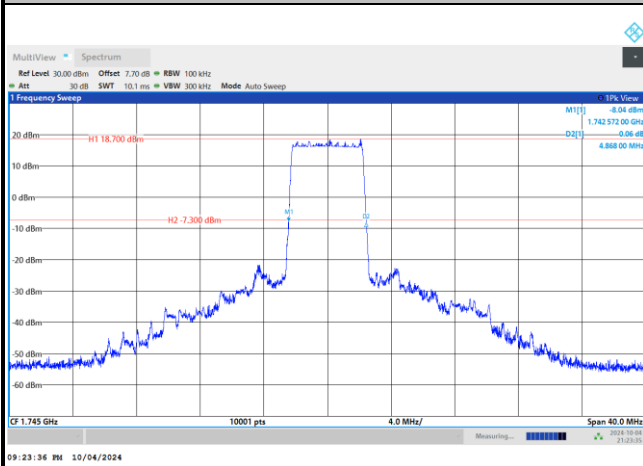
Mode	FR1 n66 : 26dB BW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	PI/2 BPSK		PI/2 BPSK		PI/2 BPSK		PI/2 BPSK	
Middle CH	4.86		9.51		14.16		19.15	
BW	25MHz		30MHz		35MHz		40MHz	
Mod.	PI/2 BPSK		PI/2 BPSK		PI/2 BPSK		PI/2 BPSK	
Middle CH	24.22		31.05		34.67		41.18	
BW	45MHz							
Mod.	PI/2 BPSK							
Middle CH	45.44							

Mode	FR1 n66 : 26dB BW(MHz) / CP OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.89	4.90	9.92	9.92	14.95	14.99	20.30	20.27
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	4.91	4.93	9.96	9.94	14.93	15.02	20.23	20.27
BW	25MHz		30MHz		35MHz		40MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	25.04	25.07	31.37	31.32	36.85	36.28	41.10	41.26
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	25.03	25.04	31.02	30.97	36.24	36.04	41.16	41.08
BW	45MHz							
Mod.	QPSK	16QAM						
Middle CH	45.93	46.10						
Mod.	64QAM	256QAM						
Middle CH	45.98	45.71						



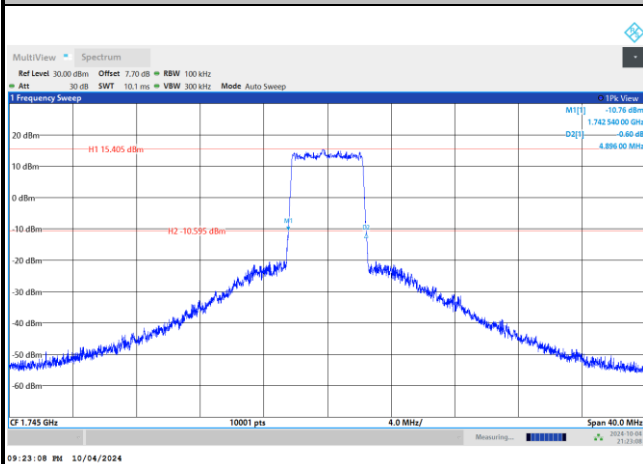
FR1 n66 / 5MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

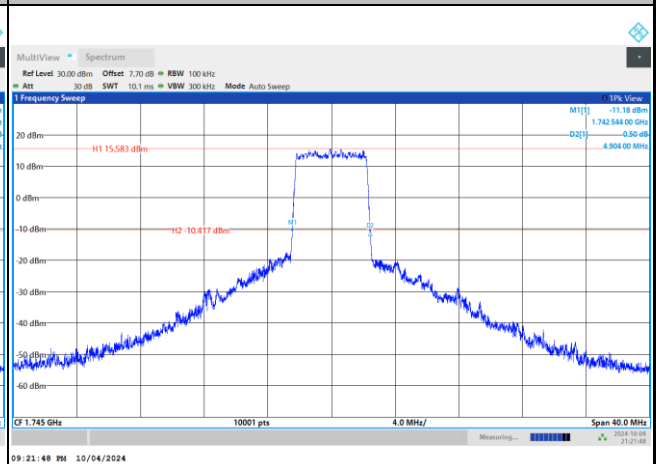


FR1 n66 / 5MHz / CP OFDM / Middle Channel / Full RB

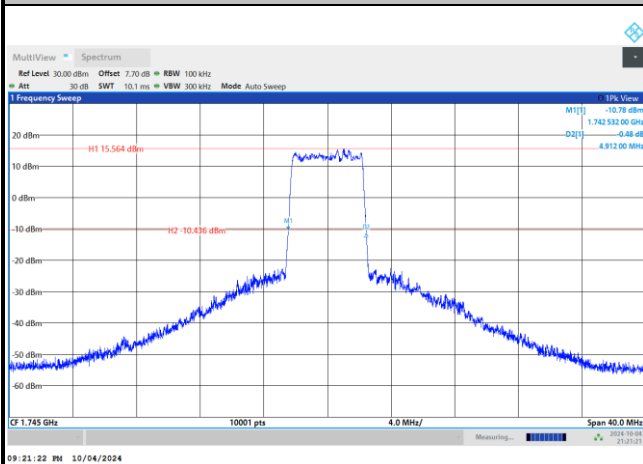
QPSK



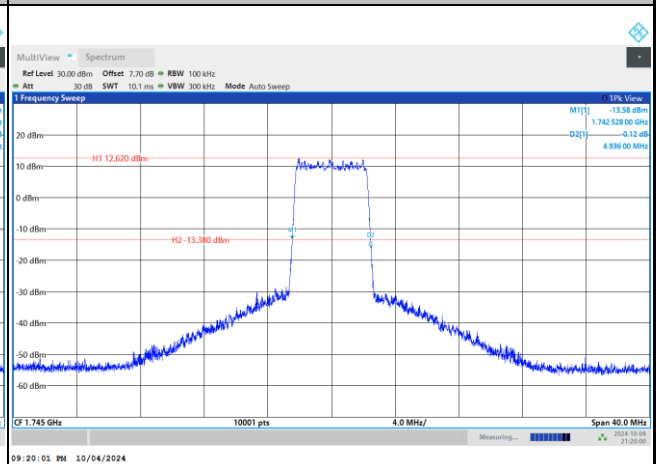
16QAM



64QAM



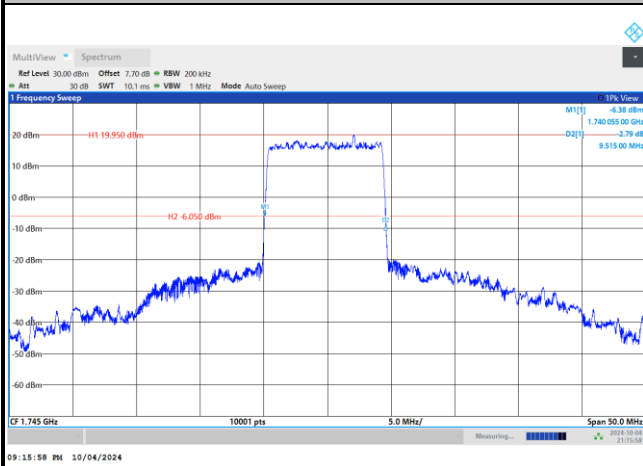
256QAM





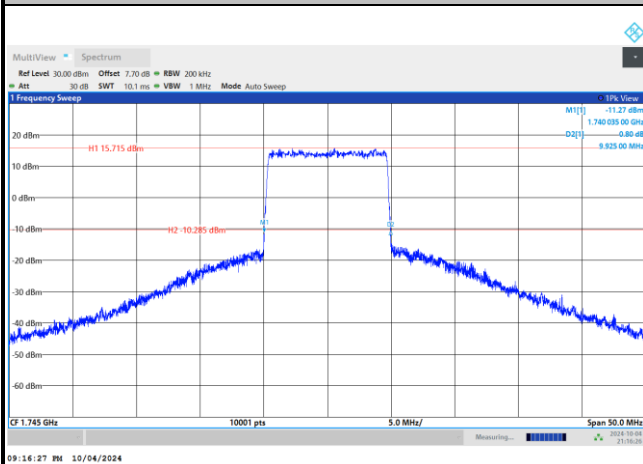
FR1 n66 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

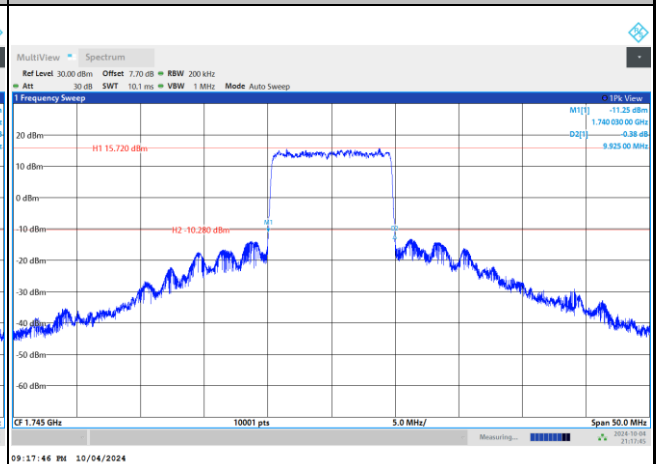


FR1 n66 / 10MHz / CP OFDM / Middle Channel / Full RB

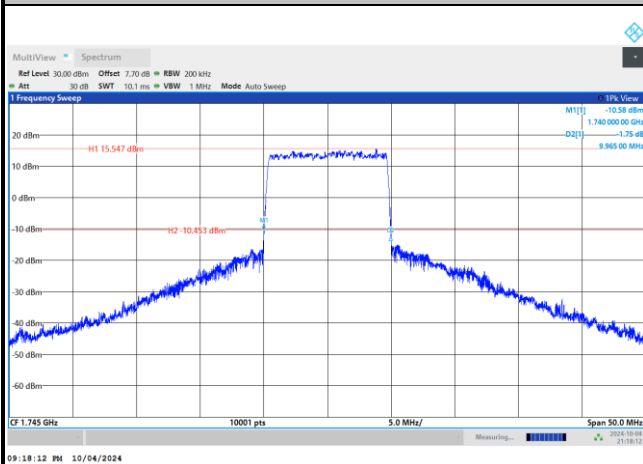
QPSK



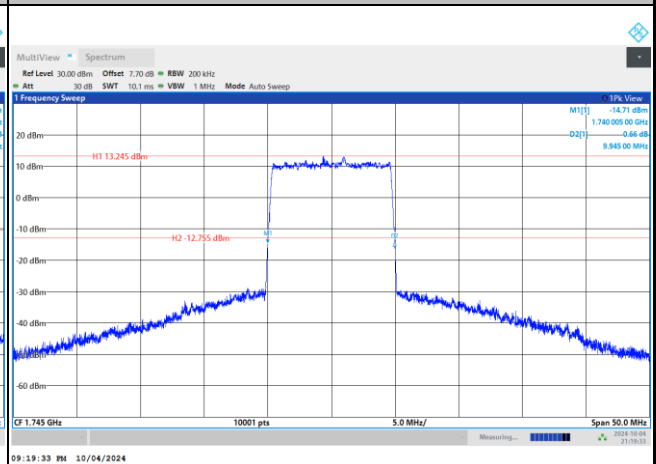
16QAM



64QAM



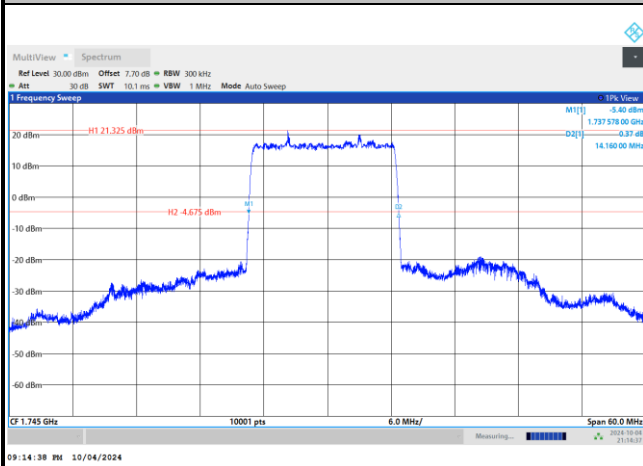
256QAM





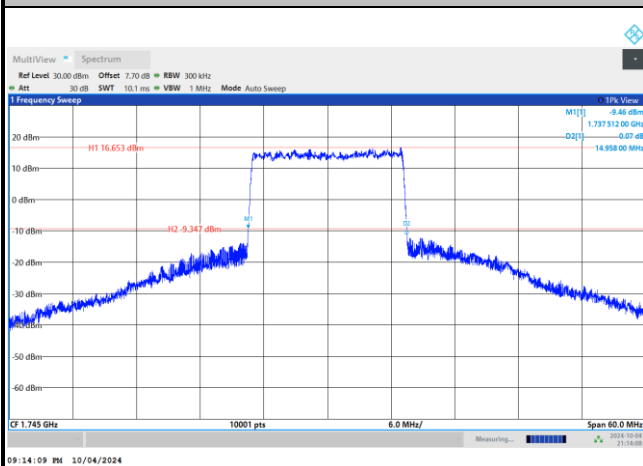
FR1 n66 / 15MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

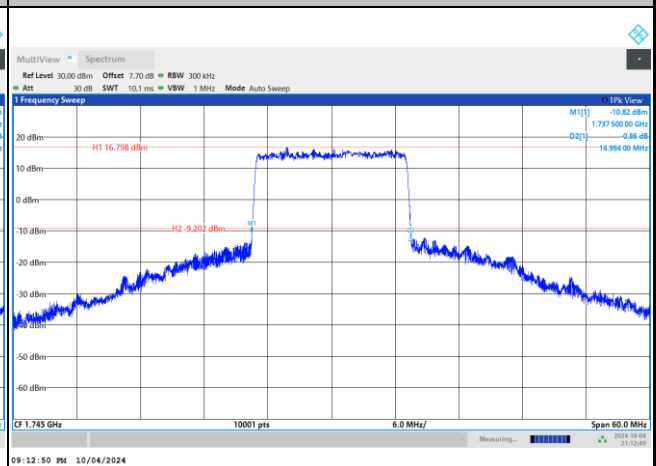


FR1 n66 / 15MHz / CP OFDM / Middle Channel / Full RB

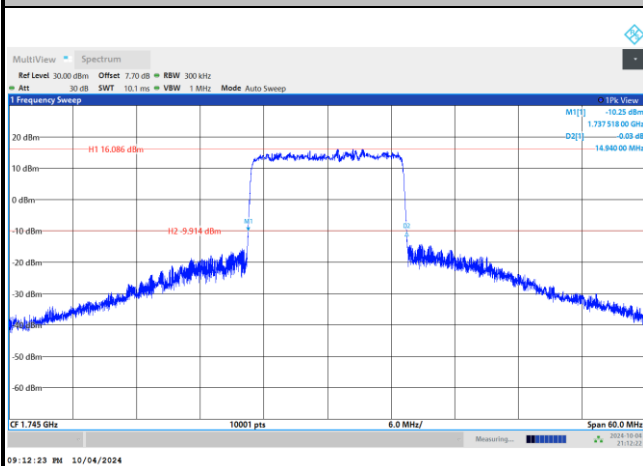
QPSK



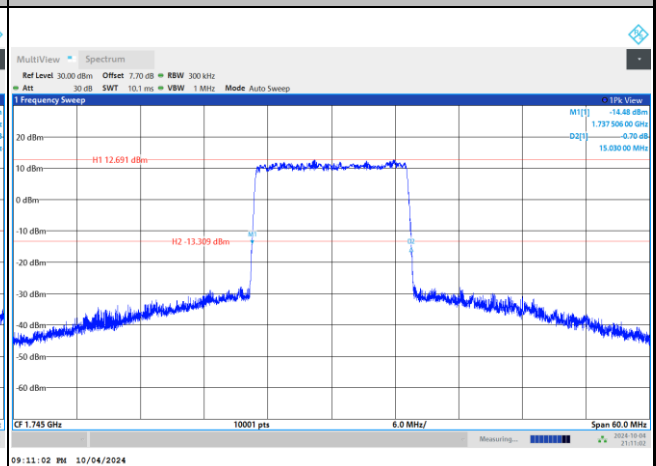
16QAM



64QAM



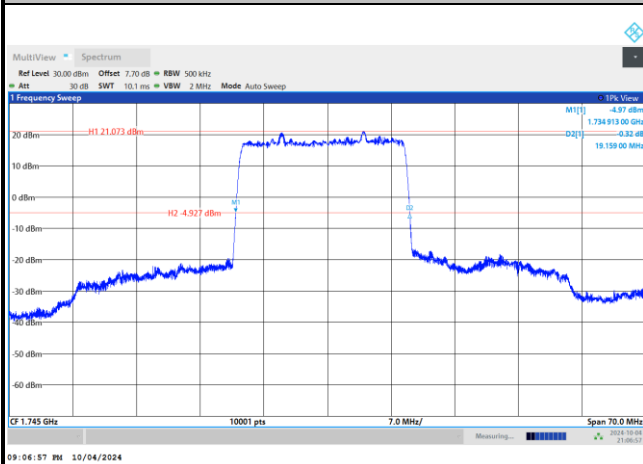
256QAM





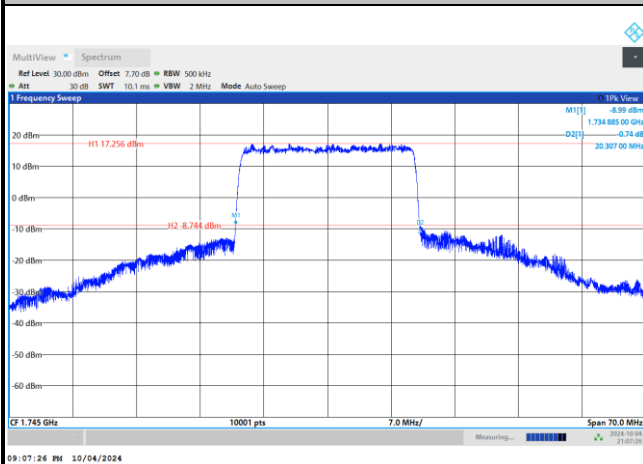
FR1 n66 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

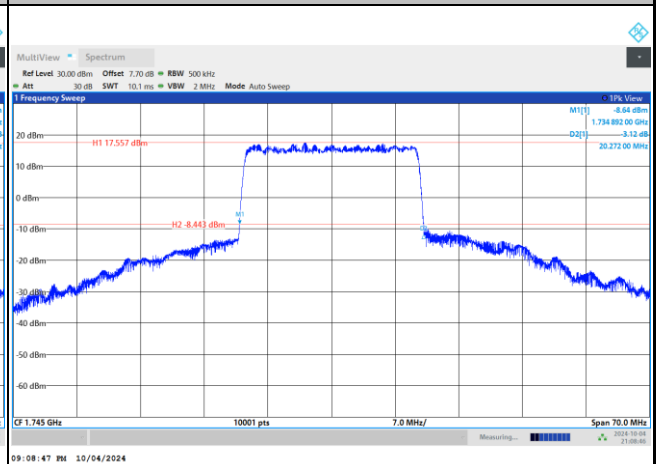


FR1 n66 / 20MHz / CP OFDM / Middle Channel / Full RB

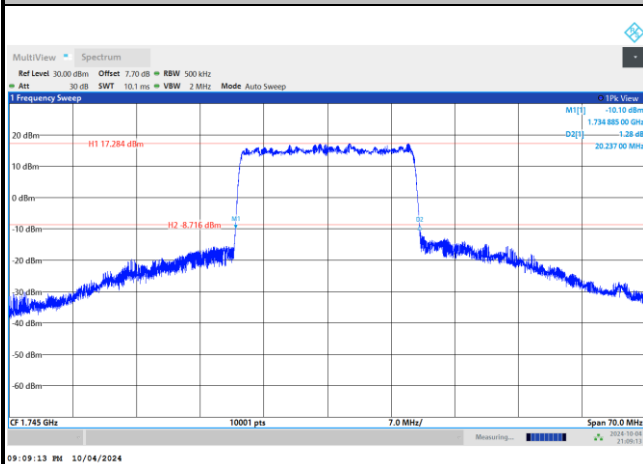
QPSK



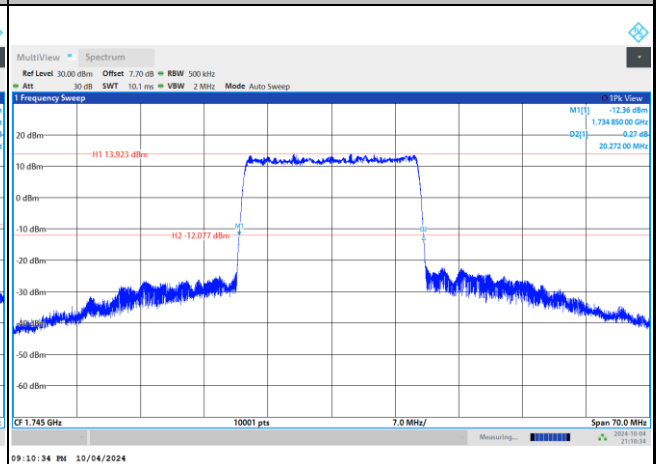
16QAM



64QAM

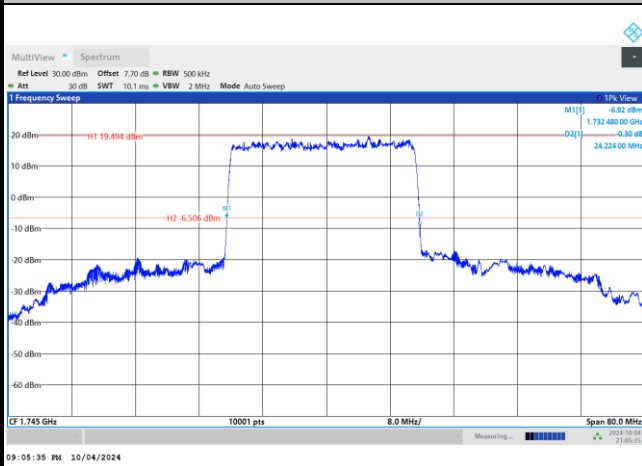


256QAM



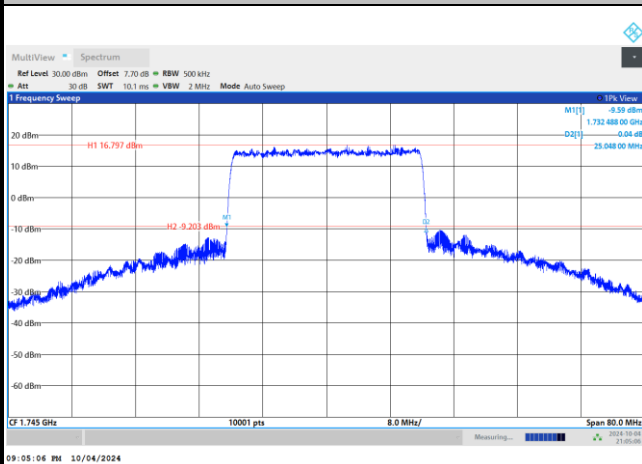
FR1 n66 / 25MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

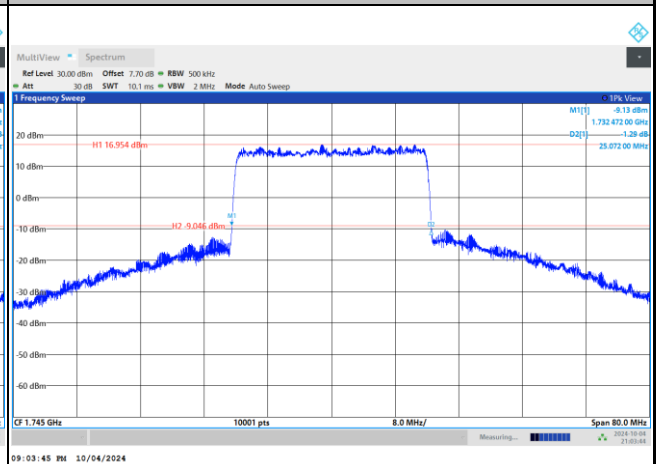


FR1 n66 / 25MHz / CP OFDM / Middle Channel / Full RB

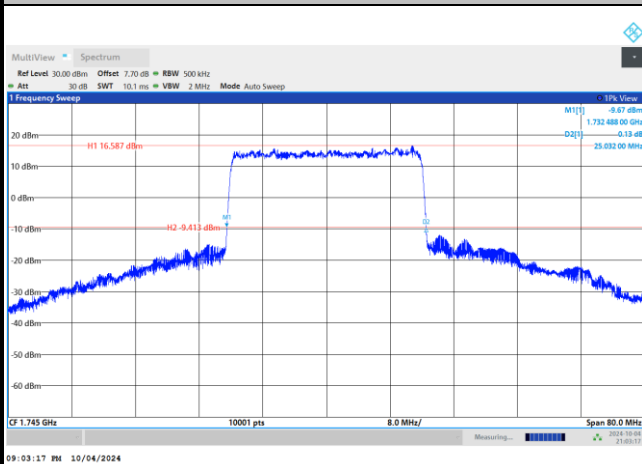
QPSK



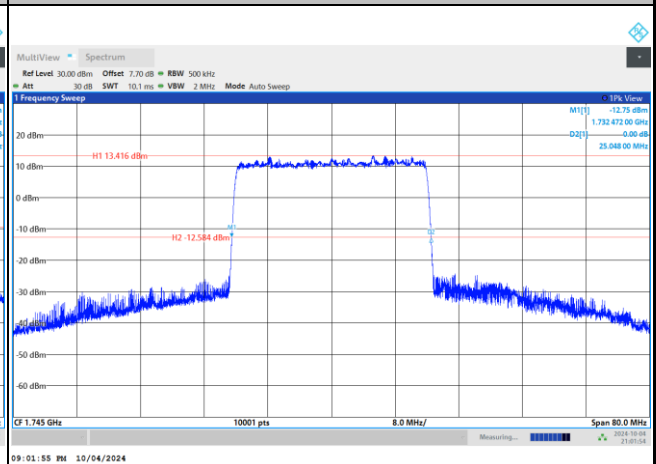
16QAM

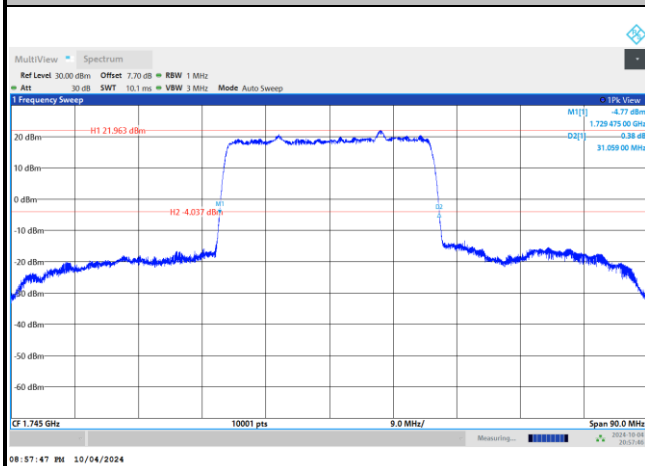


64QAM



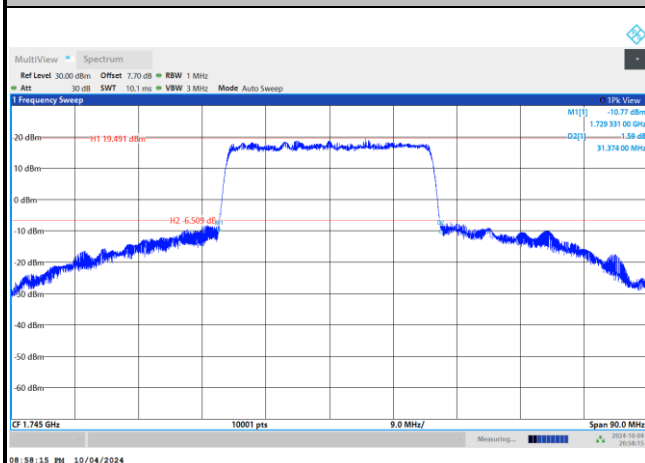
256QAM



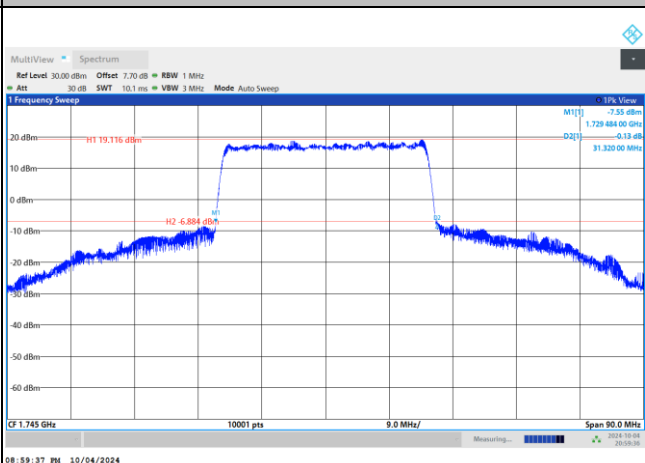
**FR1 n66 / 30MHz / DFT-S OFDM / Middle Channel / Full RB****PI/2 BPSK**

FR1 n66 / 30MHz / CP OFDM / Middle Channel / Full RB

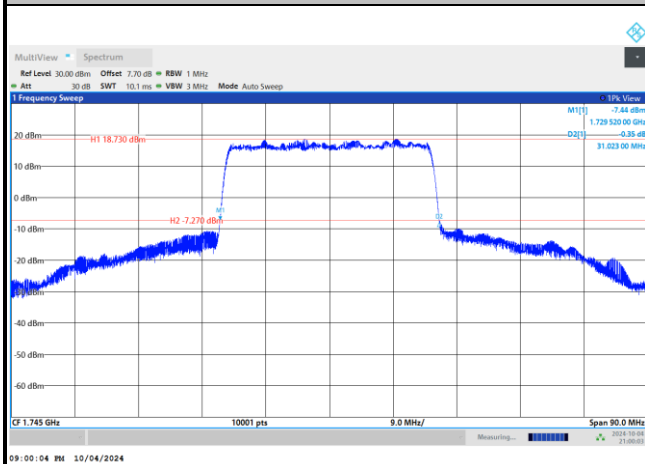
QPSK



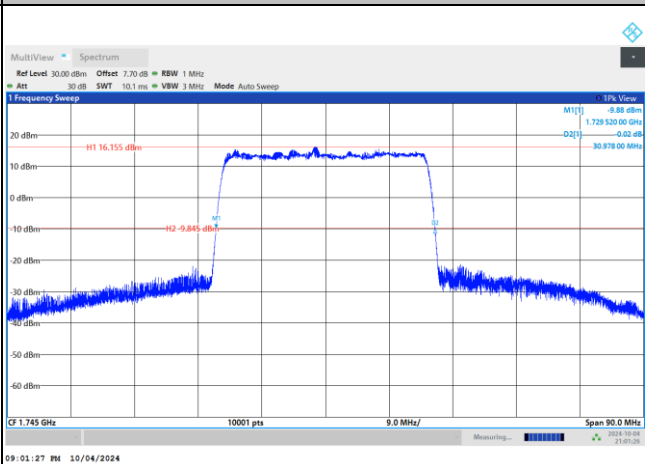
16QAM



64QAM



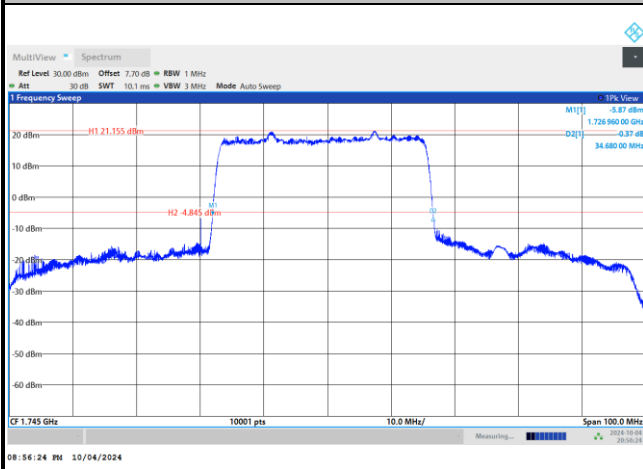
256QAM





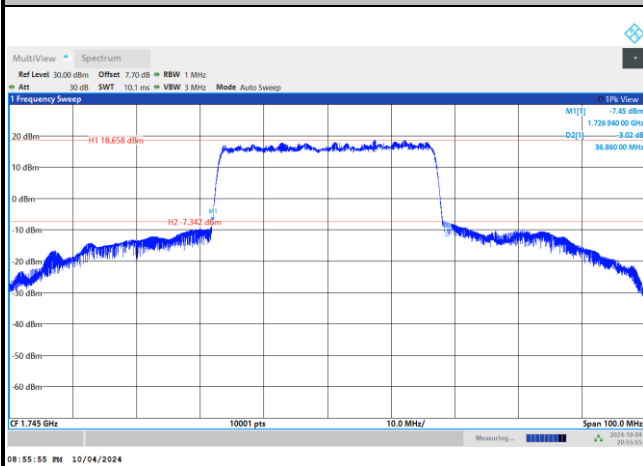
FR1 n66 / 35MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

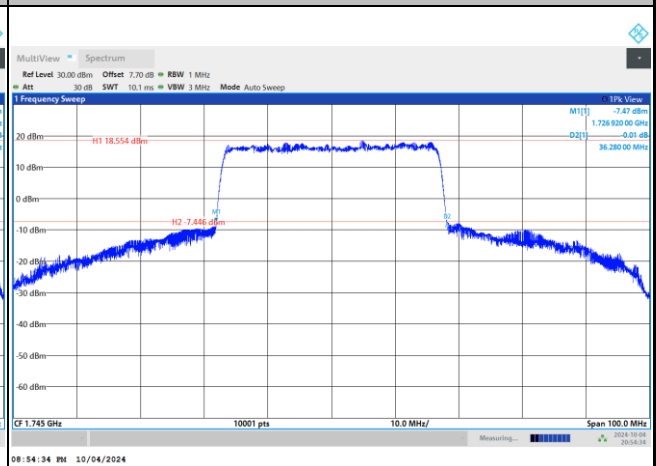


FR1 n66 / 35MHz / CP OFDM / Middle Channel / Full RB

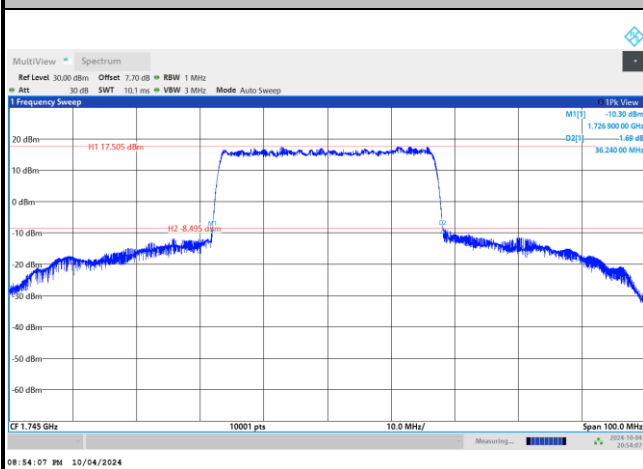
QPSK



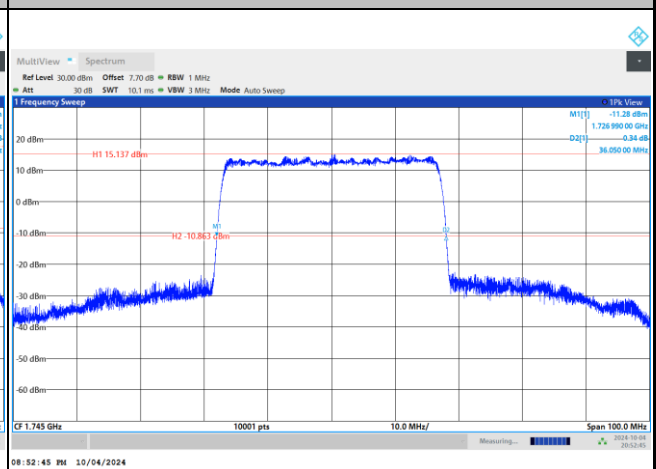
16QAM



64QAM



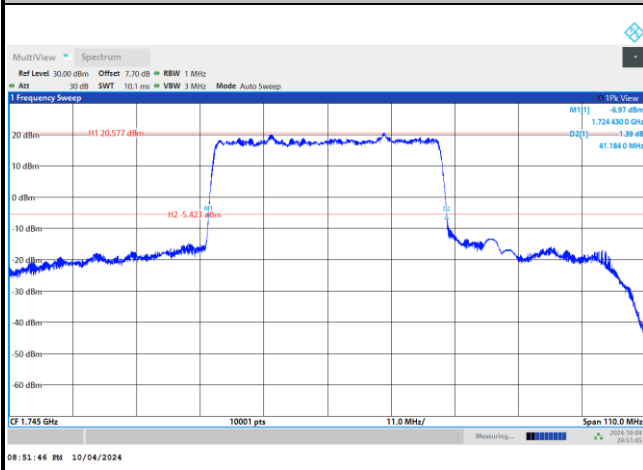
256QAM





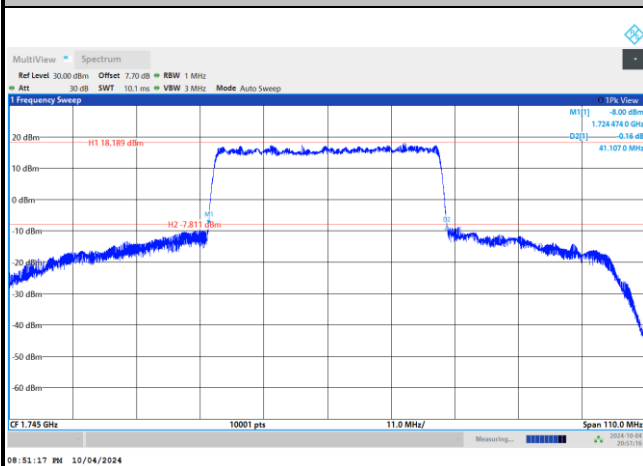
FR1 n66 / 40MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

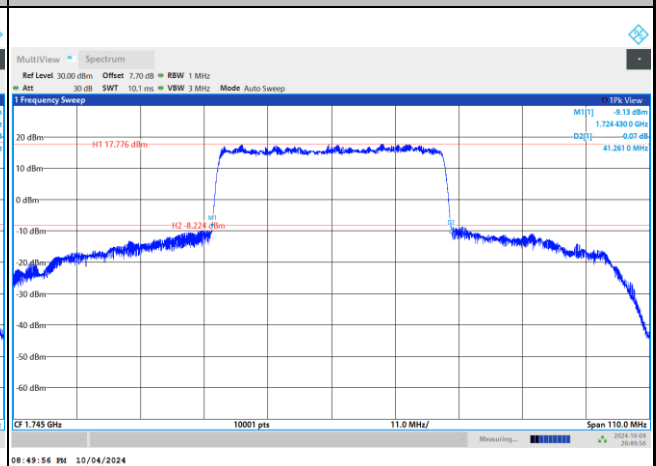


FR1 n66 / 40MHz / CP OFDM / Middle Channel / Full RB

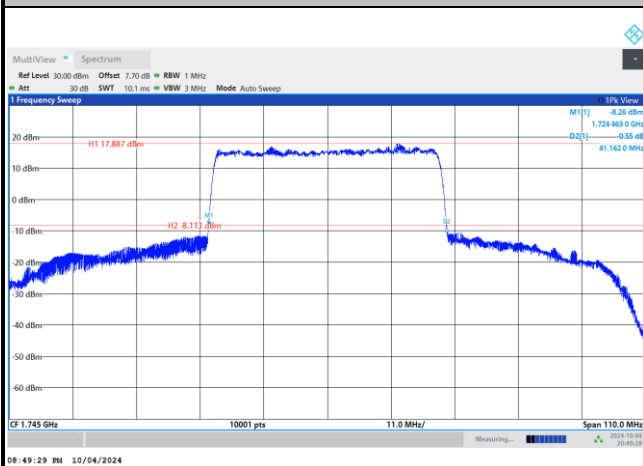
QPSK



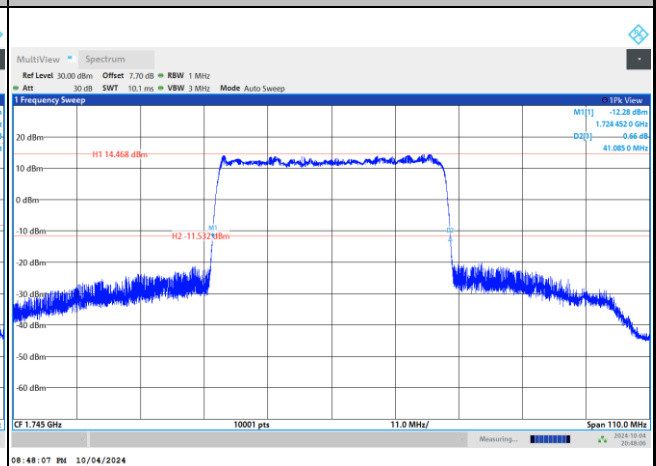
16QAM



64QAM



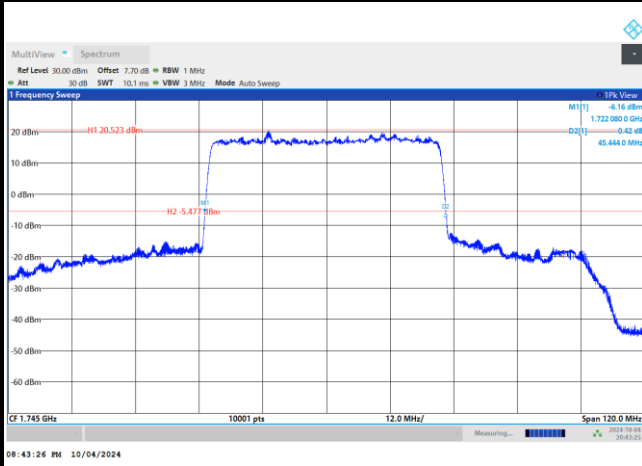
256QAM





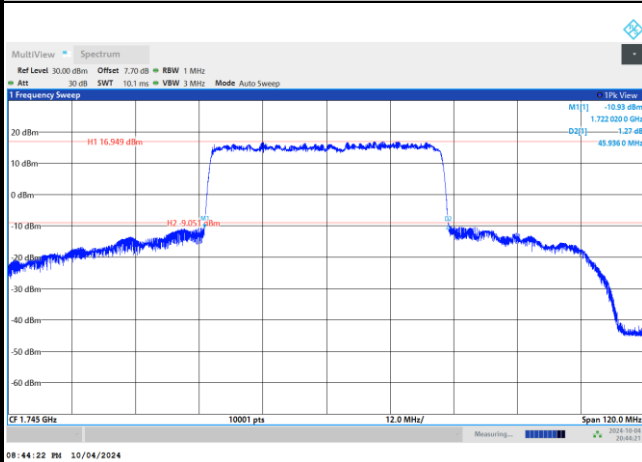
FR1 n66 / 45MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

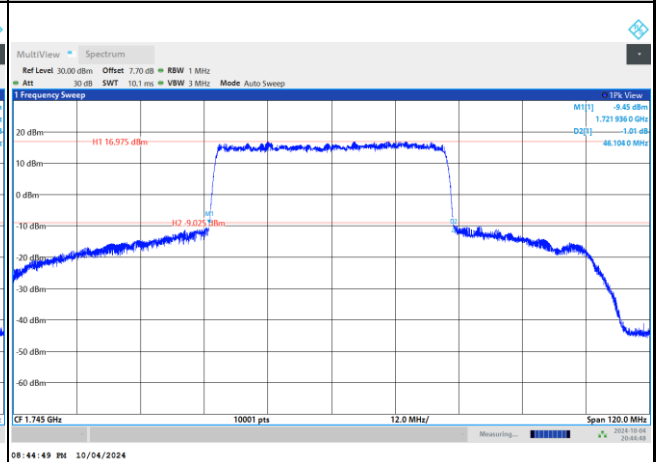


FR1 n66 / 45MHz / CP OFDM / Middle Channel / Full RB

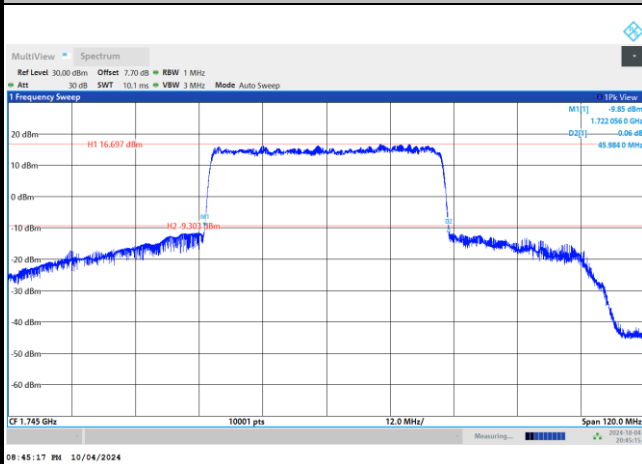
QPSK



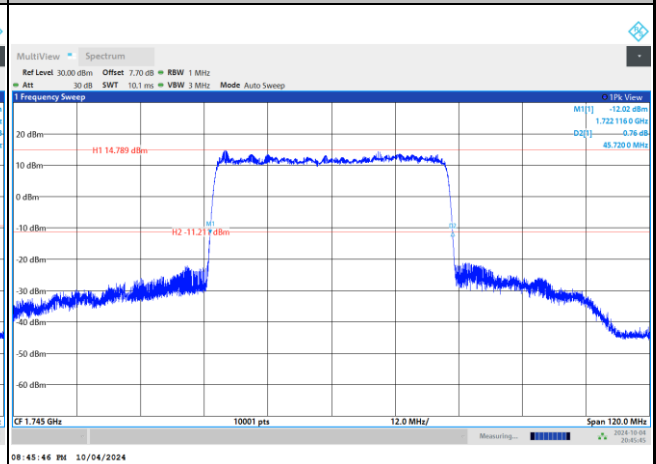
16QAM



64QAM



256QAM



Occupied Bandwidth

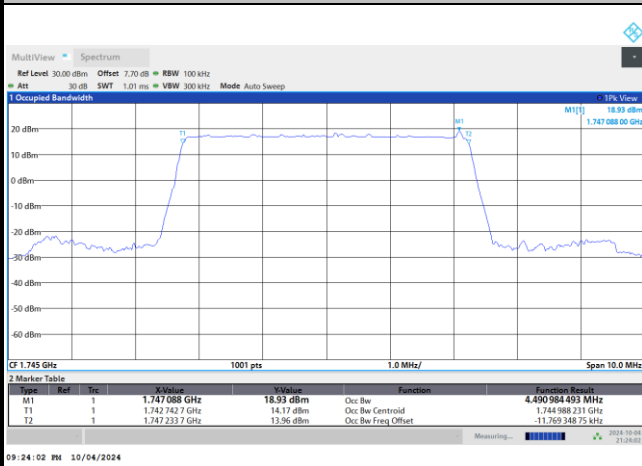
Mode	FR1 n66 : 99%OBW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	PI/2 BPSK		PI/2 BPSK		PI/2 BPSK		PI/2 BPSK	
Middle CH	4.49		8.97		13.41		18.03	
BW	25MHz		30MHz		35MHz		40MHz	
Mod.	PI/2 BPSK		PI/2 BPSK		PI/2 BPSK		PI/2 BPSK	
Middle CH	23.02		29.02		32.45		38.94	
BW	45MHz							
Mod.	PI/2 BPSK							
Middle CH	43.04							

Mode	FR1 n66 : 99%OBW (MHz) / CP OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.48	4.49	9.32	9.33	14.20	14.15	19.06	19.05
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	4.48	4.51	9.34	9.33	14.15	14.20	19.08	19.03
BW	25MHz		30MHz		35MHz		40MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	23.79	23.84	28.93	28.95	33.89	33.93	38.80	38.80
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	23.81	23.81	28.94	28.82	33.88	33.78	38.83	38.75
BW	45MHz							
Mod.	QPSK	16QAM						
Middle CH	43.41	43.36						
Mod.	64QAM	256QAM						
Middle CH	43.47	43.25						



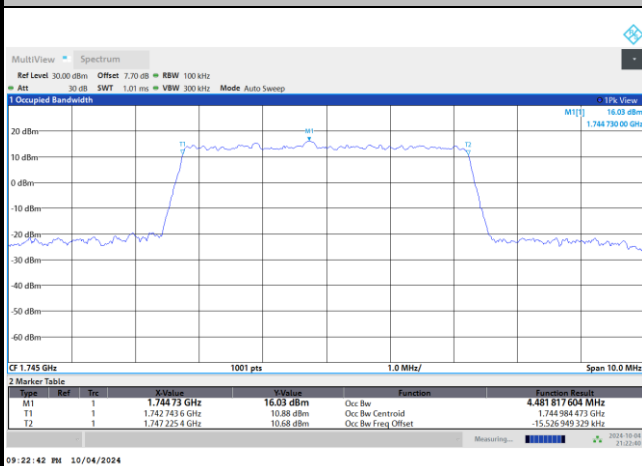
FR1 n66 / 5MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

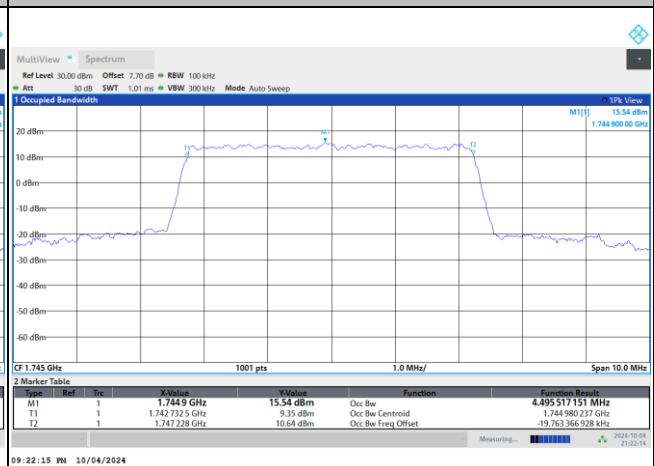


FR1 n66 / 5MHz / CP OFDM / Middle Channel / Full RB

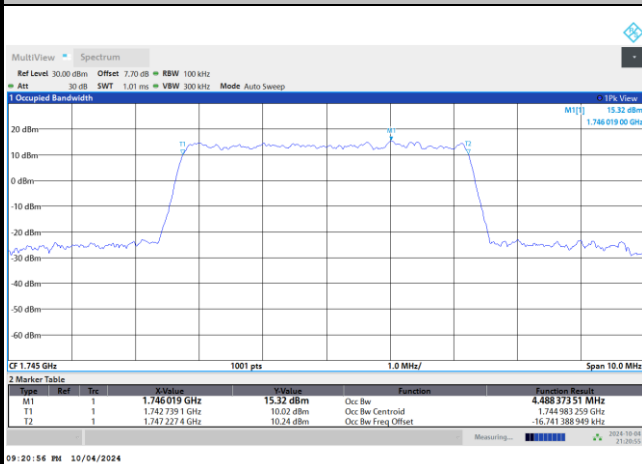
QPSK



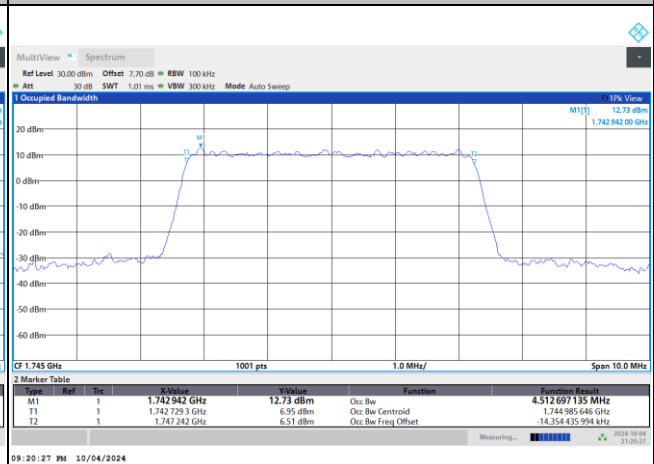
16QAM



64QAM

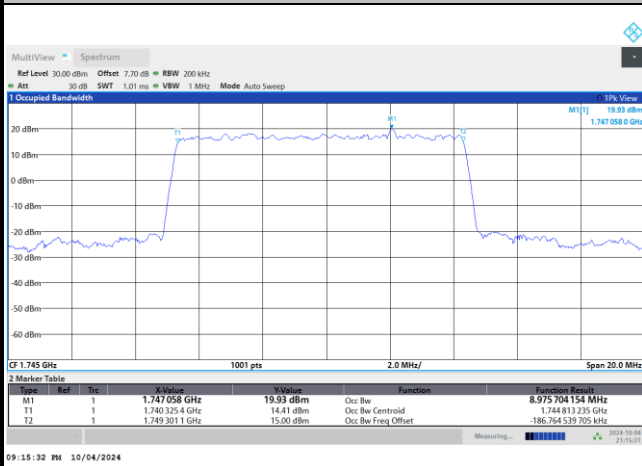


256QAM



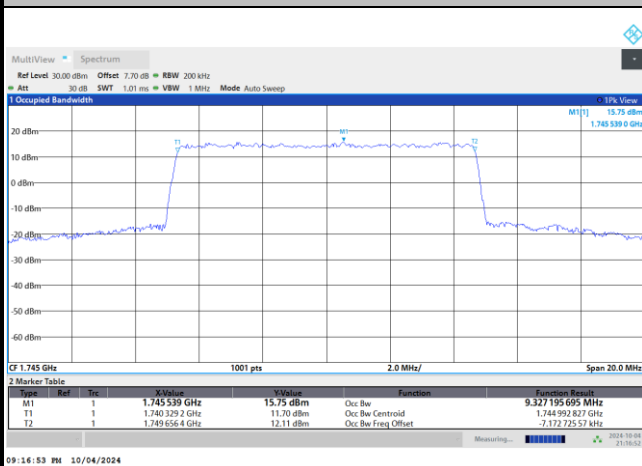
FR1 n66 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

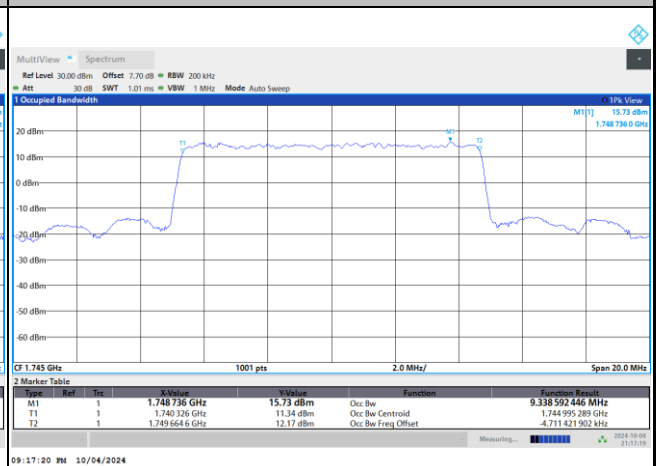


FR1 n66 / 10MHz / CP OFDM / Middle Channel / Full RB

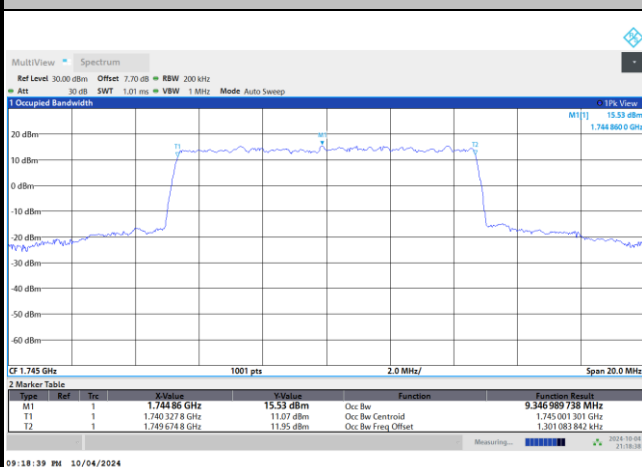
QPSK



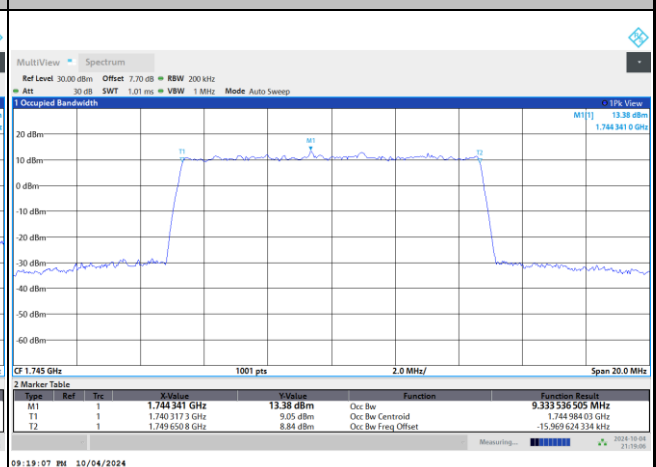
16QAM



64QAM

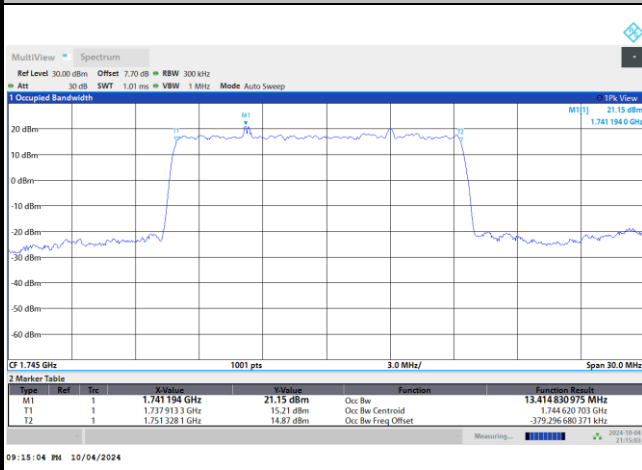


256QAM



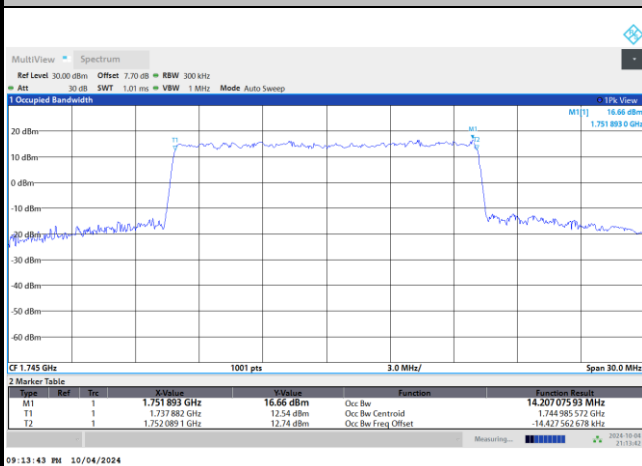
FR1 n66 / 15MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

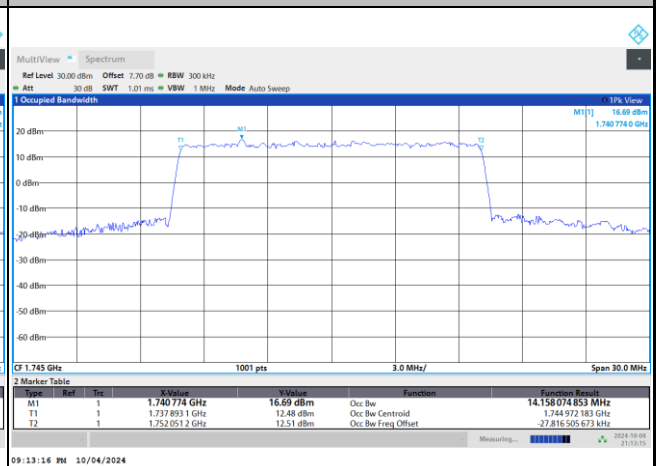


FR1 n66 / 15MHz / CP OFDM / Middle Channel / Full RB

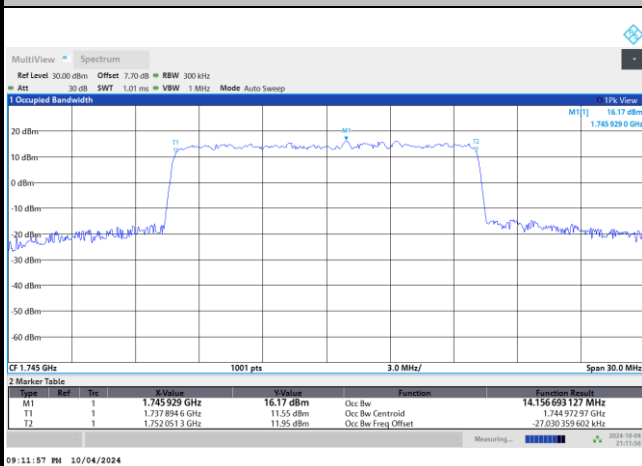
QPSK



16QAM



64QAM



256QAM

