



FCC RADIO TEST REPORT

FCC ID : 2AQ68T99W696
Equipment : 5G WWAN Module
Brand Name : Foxconn
Model Name : T99W696
Applicant : Hon Lin Technology Co., Ltd
11F, No.32, Jihu Rd., Neihu Dist., Taipei City 114, Taiwan
R.O.C.
Manufacturer : Hon Lin Technology Co., Ltd
11F, No.32, Jihu Rd., Neihu Dist., Taipei City 114, Taiwan
R.O.C.
Standard : FCC 47 CFR Part 2, 96

The product was received on May 14, 2025 and testing was performed from May 22, 2025 to Aug. 18, 2025. 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.)



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History of this test report

Report No.	Version	Description	Issue Date
FG550916E	01	Initial issue of report	Aug. 22, 2025
FG550916E	02	Revise Test Mode and Frequency List of Low/Middle/High Channels This report is an updated version, replacing the report issued on Aug. 22, 2025.	Aug. 26, 2025

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.2	§2.1046	Conducted Output Power	Pass	-
3.3	§96.41	Peak-to-Average Ratio	Pass	-
3.4	§96.41	Effective Isotropic Radiated Power	Pass	-
3.5	§2.1049 §96.41	Occupied Bandwidth	Pass	-
3.6	§2.1051 §96.41	Conducted Band Edge Measurement	Pass	-
3.7	§2.1051 §96.41	Conducted Spurious Emission	Pass	-
3.8	§2.1055	Frequency Stability for Temperature & Voltage	Pass	-
4.4	§2.1053 §96.41	Radiated Spurious Emission	Pass	-

Conformity Assessment Condition:

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

Disclaimer:

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

Reviewed by: Keven Cheng

Report Producer: Clio Lo

1 General Description

1.1 Product Feature of Equipment Under Test

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

Brand	Model	HW
Foxconn	T99W696	Sample1: WCDMA+LTE+5G NR +w/o E-SIM
		Sample 2: WCDMA+LTE+5G NR +E-SIM

Note: All the tests were performed with Sample 1.

Support band and evaluated information	
Supported band	n48 ,n77, n78
Evaluated and Tested band	n48 ,n77
Band covered information	Wider operating frequency band range covers narrower one when the power is worse as follows n77 cover n78

TDD band Power Class					
	SISO PC3	MIMO PC3			
N48	V				
N77	V	V			
N78	V	V			

RF Exposure Max Antenna Gain(dBi)							
Band	Ant 0	Ant 1	Ant 2	Ant 3	Main Ant. #	MIMO Main Ant. #	SRS Ant. #
N48	1				0	-	-
N77	1	1	1	1	0	-	0&1&2&3
N78	1	1	1	1	0	-	0&1&2&3
N77_MIMO	1	1	1	1	-	0&2	0&1&2&3
N78_MIMO	1	1	1	1	-	0&2	0&1&2&3

Remark: The above EUT's information was 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 Site

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	Ekko You
Temperature (°C)	21.2~24.8
Relative Humidity (%)	50.3~57.1

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. 03CH20-HY (TAF Code: 3786)
Test Engineer	John Chuang, David Dai, Sam Chou
Temperature (°C)	19.6~22.8
Relative Humidity (%)	63.9~70.5
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 Applied 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, 96
- ♦ 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.
- ♦ FCC KDB 940660 D01 Part 96 CBRS Eqpt v03
- ♦ FCC KDB 412172 D01 Determining ERP and EIRP v01r01

Remark:

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

2 Test Configuration of Equipment Under Test

2.1 Test Mode

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

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

<SISO Mode>

Modulation Type	Modulation
A	DFT-s-OFDM pi/2 BPSK
B	DFT-s-OFDM QPSK
C	DFT-s-OFDM 16QAM
D	DFT-s-OFDM 64QAM
E	DFT-s-OFDM 256QAM

Test Item	Modulation Type	Bandwidth	RB Size	Channel
Conducted Power	A, B, C, D, E	All	1, Half, Full	L, M, H
EIRP	A, B, C, D, E	All	1, Half, Full	L, M, H
PAR	A, B, C, D, E	All	Outer_Full	M
Bandwidth	A, B, C	All	Outer_Full	L, M, H
ACLR,MASK	A, B	All	Outer_1RB Outer_Full	L, M, H
CSE	B	10 MHz	Inner_1RB	L, M, H
Frequency Stability	A	10 MHz	Outer_Full	M
RSE	A	100 MHz	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 and frequency stability.
4. For 5G NR N48/N77/N78 SISO Mode Modulation support CP-OFDM & DFT-s-OFDM, Therefore, the report only performed Higher Conducted power (DFT-s-OFDM) test results.
5. For 5G NR N77/N78 support SISO Mode Antenna 0 (Main Ant.) and Antenna 1&2&3(SRS Ant.),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 N48/77/78 The test country code is set to MCC 310
7. The worst-case scenario for all measurements is based on an engineering evaluation made on different modulations, Output power measurements were measured on BPSK/16QAM/64QAM/256QAM modulations. For Other conducted test items were measured and the worst case is while BPSK/QPSK/16QAM was set at or above target power, the report only performed BPSK/QPSK/16QAM test results.

<MIMO Mode>

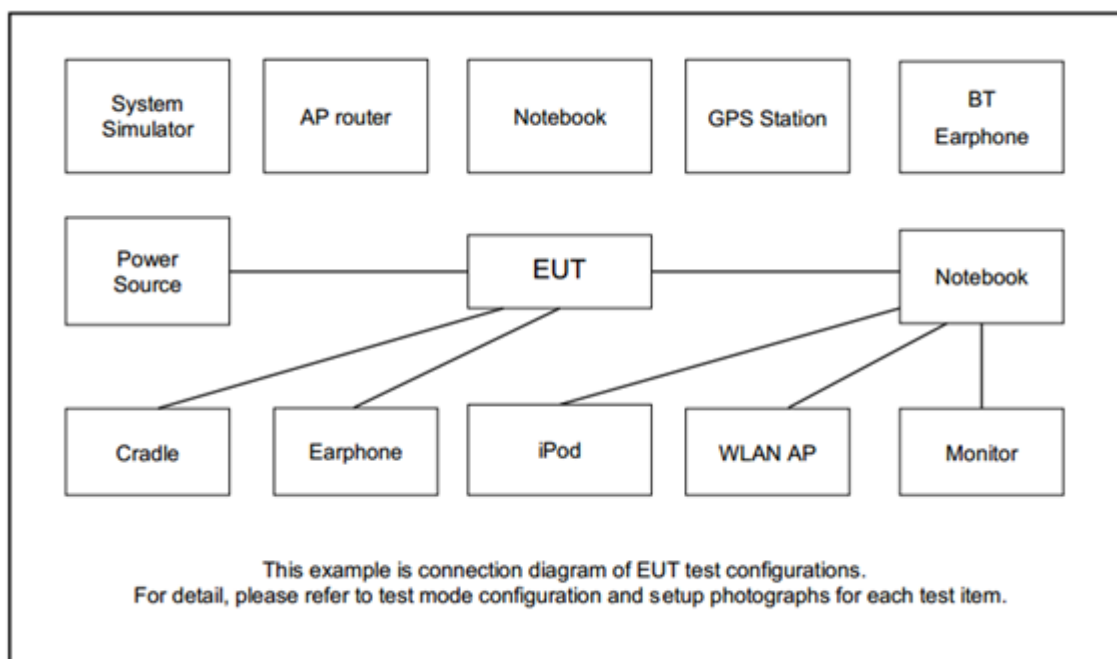
Modulation Type	Modulation
A	DFT-s-OFDM pi/2 BPSK
B	DFT-s-OFDM QPSK
C	DFT-s-OFDM 16QAM
D	DFT-s-OFDM 64QAM
E	DFT-s-OFDM 256QAM

Test Item	Modulation Type	Bandwidth	RB Size	Channel
Conducted Power	A, B, C, D, E	All	1, Half, Full	L, M, H
EIRP	A, B, C, D, E	All	1, Half, Full	L, M, H
PAR	A, B, C, D, E	All	Outer_Full	M
Bandwidth	A, B, C	All	Outer_Full	L, M, H
ACLR,MASK	A, B	All	Outer_1RB Outer_Full	L, M, H
CSE	B	10 MHz	Inner_1RB	L, M, H
Frequency Stability	A	10 MHz	Outer_Full	M
RSE	A	100 MHz	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 and frequency stability.
4. For 5G NR N77.N78 MIMO Mode Modulation support CP-OFDM & DFT-s-OFDM, Therefore, the report only performed Higher Conducted power (DFT-s-OFDM) test results.
5. For 5G NR N77/N78 support MIMO Mode Antenna 0+2 (Main Ant.) and Antenna 0+1&0+3&2+1&2+3 & 1+3 (SRS Ant.),Radiated Spurious Emission is full test. Conducted test items are verified and the worst case is Antenna 0+2, Therefore, the report only performed Antenna 0+2 test results.
6. For 5G NR N48/77/78 The test country code is set to MCC 310
7. The worst-case scenario for all measurements is based on an engineering evaluation made on different modulations, Output power measurements were measured on BPSK/16QAM/64QAM/256QAM modulations. For Other conducted test items were measured and the worst case is while BPSK/QPSK/16QAM was set at or above target power, the report only performed BPSK/QPSK/16QAM test results.

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.	System Simulator	Anritsu	MT8000A	N/A	N/A	Unshielded, 1.8 m
2.	System Simulator	Anritsu	MT8821C	N/A	N/A	Unshielded, 1.8 m
3.	Fixture	Foxconn	95.3096T00	N/A	N/A	N/A

2.4 Measurement Results Explanation Example

For all conducted test items:

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

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

Offset = RF cable loss + attenuator factor.

Following shows an offset computation example with cable loss 4.5 dB and 10dB attenuator.

Example :

$$\begin{aligned}\text{Offset(dB)} &= \text{RF cable loss(dB)} + \text{attenuator factor(dB)} \\ &= 4.5 + 10 = 14.5 \text{ (dB)}\end{aligned}$$

2.5 Frequency List of Low/Middle/High Channels

5G NR Band 48 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
40	Channel	638000	641666	645332
	Frequency	3570	3624.99	3679.98
30	Channel	637668	641666	645666
	Frequency	3565.02	3624.99	3684.99
20	Channel	637334	641666	646000
	Frequency	3560.01	3624.99	3690
10	Channel	637000	641666	646332
	Frequency	3555	3624.99	3694.98



5G NR Band 77 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
100	Channel	640000	641666	643332
	Frequency	3600	3624.99	3649.98
90	Channel	639668	641666	643666
	Frequency	3595.02	3624.99	3654.99
80	Channel	639334	641666	644000
	Frequency	3590.01	3624.99	3660
70	Channel	639000	641666	644332
	Frequency	3585	3624.99	3664.98
60	Channel	638668	641666	644666
	Frequency	3580.02	3624.99	3669.99
50	Channel	638334	641666	645000
	Frequency	3575.01	3624.99	3675
40	Channel	638000	641666	645332
	Frequency	3570	3624.99	3679.98
30	Channel	637668	641666	645666
	Frequency	3565.02	3624.99	3684.99
20	Channel	637334	641666	646000
	Frequency	3560.01	3624.99	3690
15	Channel	637168	641666	646166
	Frequency	3557.52	3624.99	3692.49
10	Channel	637000	641666	646332
	Frequency	3555	3624.99	3694.98



5G NR Band 78 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
100	Channel	640000	641666	643332
	Frequency	3600	3624.99	3649.98
90	Channel	639668	641666	643666
	Frequency	3595.02	3624.99	3654.99
80	Channel	639334	641666	644000
	Frequency	3590.01	3624.99	3660
70	Channel	639000	641666	644332
	Frequency	3585	3624.99	3664.98
60	Channel	638668	641666	644666
	Frequency	3580.02	3624.99	3669.99
50	Channel	638334	641666	645000
	Frequency	3575.01	3624.99	3675
40	Channel	638000	641666	645332
	Frequency	3570	3624.99	3679.98
30	Channel	637668	641666	645666
	Frequency	3565.02	3624.99	3684.99
20	Channel	637334	641666	646000
	Frequency	3560.01	3624.99	3690
15	Channel	637168	641666	646166
	Frequency	3557.52	3624.99	3692.49
10	Channel	637000	641666	646332
	Frequency	3555	3624.99	3694.98

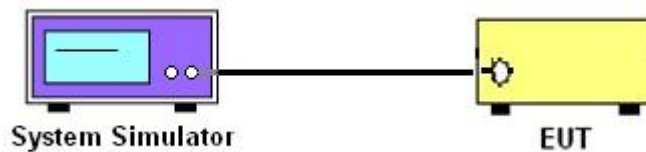
3 Conducted Test Items

3.1 Measuring Instruments

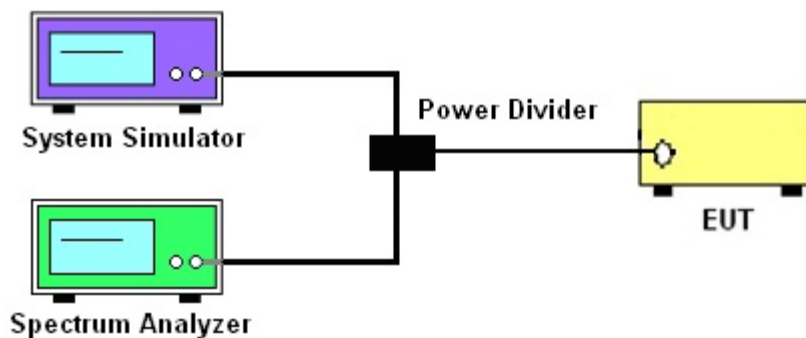
See list of measuring instruments of this test report.

3.1.1 Test Setup

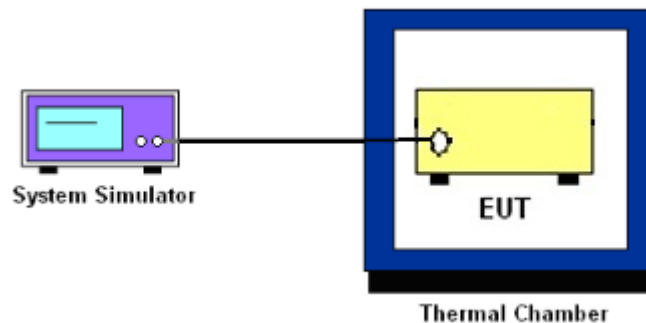
3.1.2 Conducted Output Power



3.1.3 EIRP, 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 Measurement

3.2.1 Description of the Conducted Output Power Measurement

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

3.2.2 Test Procedures

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



3.3 Peak-to-Average Ratio

3.3.1 Description of the PAR Measurement

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

3.3.2 Test Procedures

The testing follows ANSI C63.26-2015 Section 5.2.6

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

3.4 EIRP

3.4.1 Description of the EIRP Measurement

The EIRP of mobile transmitters must not exceed 23 dBm /10 megahertz for 5G NR n48.

The testing follows ANSI C63.26-2015 Section 5.2.5.5.

According to KDB 412172 D01 Power Approach,

$EIRP = P_T + G_T - LC$, where

P_T = transmitter output power in dBm

G_T = gain of the transmitting antenna in dBi

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

Device	Maximum EIRP (dBm/10 MHz)	Maximum PSD (dBm/MHz)
End User Device	23	n/a

Remark:

1. Total channel power is complied with EIRP limit 23dBm/10MHz.
2. The MIMO mode is completely uncorrelated, so the directional gain is selected the maximum gain among all antennas.

3.4.2 Test Procedures

The testing follows procedure in Section 5.2 of ANSI C63.26-2015 and KDB 940660 D01 Part 96 CBRS Eqpt v03 Section 3.2(b)(2)

Determine the EIRP by adding the effective antenna gain to the measured average conducted power level.

3.5 Occupied Bandwidth

3.5.1 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.

3.5.2 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.

3.6 Conducted Band Edge

3.6.1 Description of Conducted Band Edge Measurement

The conducted power of any End User Device emission outside the fundamental emission (whether in or outside of the authorized band) shall not exceed -13 dBm/MHz within 0 to B megahertz (where B is the bandwidth in megahertz of the assigned channel or multiple contiguous channels of the End User Device) above the upper CBSD-assigned channel edge and within 0 to B megahertz below the lower CBSD-assigned channel edge. At all frequencies greater than B megahertz above the upper CBSD assigned channel edge and less than B megahertz below the lower CBSD-assigned channel edge, the conducted power of any End User Device emission shall not exceed -25 dBm/MHz. Notwithstanding the emission limits in this paragraph, the Adjacent Channel Leakage Ratio for End User Devices shall be at least 30 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 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. For MIMO mode, add additional MIMO factor $10\log(\text{NTX}=2) = 3.01\text{dB}$ into the spectrum analyzer offset.

For Adjacent Channel Leakage Ratio (ACLR) measurement,

1. The Adjacent Channel Leakage Ratio (ACLR) is the ratio of the average power in the assigned aggregated channel bandwidth to the average power over the equivalent adjacent channel bandwidth.
2. The option ACLR of spectrum analyzer is used and measures the ACLR ratio by setting equivalent channel bandwidth.
3. The measured ACLR ratio shall be at least 30 dB.

3.7 Conducted Spurious Emission

3.7.1 Description of Conducted Spurious Emission Measurement

96.41 (e)(2)

The conducted power of any emissions below 3530 MHz or above 3720 MHz shall not exceed -40dBm/MHz.

3.7.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. The middle channel for the highest RF power within the transmitting frequency was measured.
4. The conducted spurious emission for the whole frequency range was taken.
5. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz.
6. Set spectrum analyzer with RMS detector.
7. Taking the record of maximum spurious emission.
8. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
9. The limit line is -40dBm/MHz.
10. The test reduction is applied to 1RB case for 10MHz Bandwidth to cover the all operation bandwidths. RBW 500kHz is applied to the 0-1MHz offset from the edge of the frequency block group for 1RB mode in order to represent the worst case condition.
11. For MIMO mode, add additional MIMO factor $10\log(\text{NTX}=2) = 3.01\text{dB}$ into the spectrum analyzer offset.

3.8 Frequency Stability

3.8.1 Description of Frequency Stability Measurement

The frequency stability shall be measured by variation of ambient temperature and variation of primary supply voltage to ensure that the fundamental emission stays within the authorized frequency block.

3.8.2 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.

3.8.3 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 25±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.

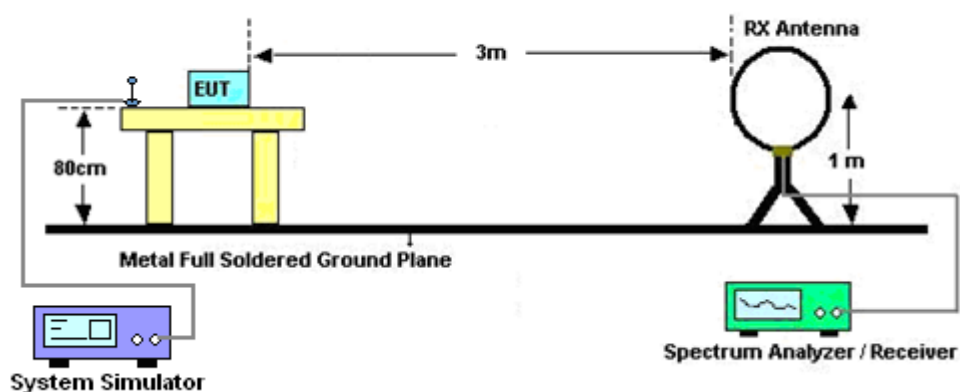
4 Radiated Test Items

4.1 Measuring Instruments

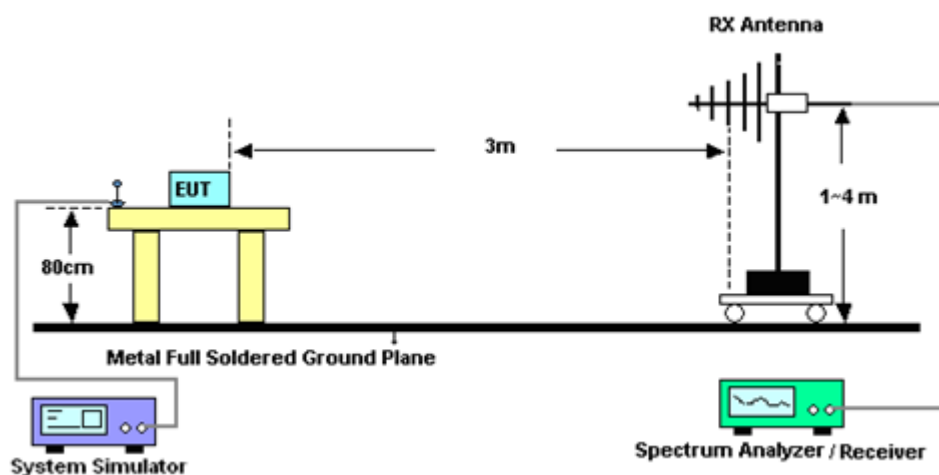
See list of measuring instruments of this test report.

4.2 Test Setup

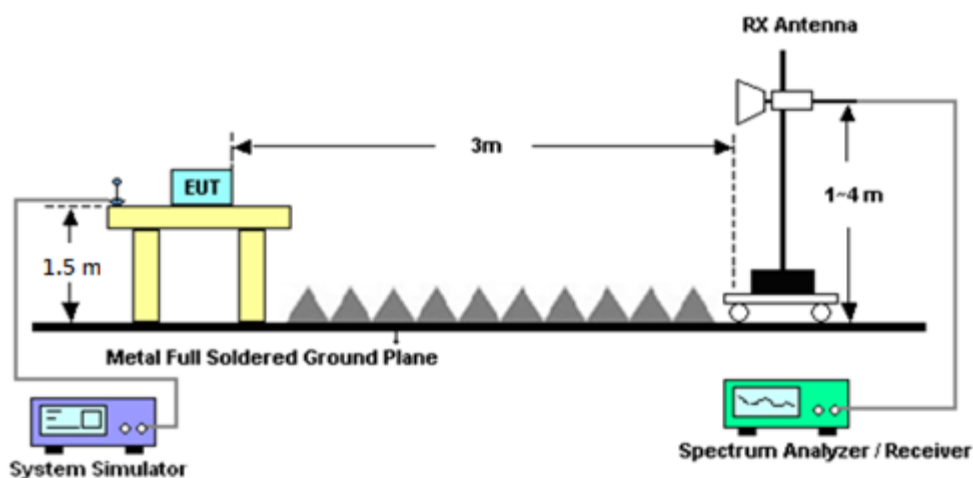
For radiated test below 30MHz



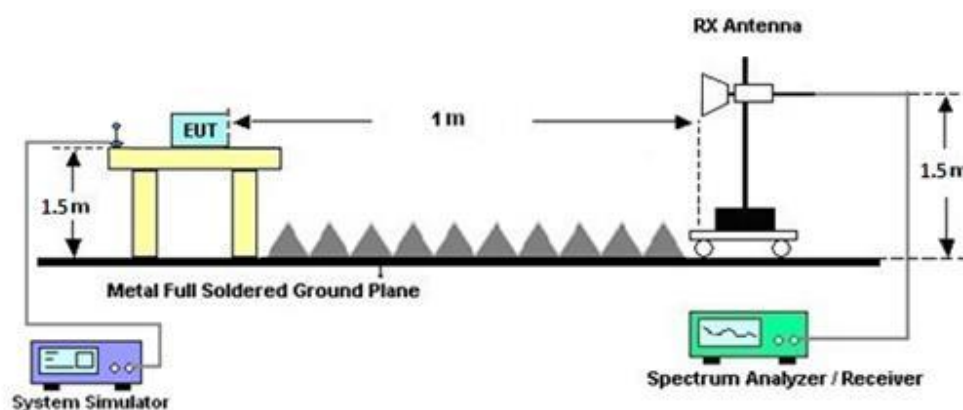
For radiated test from 30MHz to 1GHz



For radiated emissions from 1GHz to 18GHz



For radiated emissions above 18GHz



4.3 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.

4.4 Radiated Spurious Emission

4.4.1 Description of Radiated Spurious Emission

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 -40dBm / MHz

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

4.4.2 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 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 1m to 4m to search the maximum spurious emission for both horizontal and vertical polarizations.
5. During the measurement, the system simulator parameters were set to force the EUT transmitting at maximum output power.
6. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
7. 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
8. Field Strength Level (dBm) = Spectrum Reading (dBm) + Antenna Factor + Cable Loss + Read Level - Preamp Factor.
9. ERP (dBm) = EIRP (dBm) - 2.15
10. 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
DC Power Supply	GW Instek	PSS-2005	EL890089	1V~20V 0.5A~5A	Feb. 07, 2025	May 22, 2025~ Aug. 18, 2025	Feb. 06, 2026	Conducted (TH03-HY)
Signal Analyzer	Rohde & Schwarz	FSV3044	101049	10Hz~44GHz	Oct. 07, 2024	May 22, 2025~ Aug. 18, 2025	Oct. 16, 2025	Conducted (TH03-HY)
Signal Analyzer	Rohde & Schwarz	FSV3044	101691	10Hz~44GHz	Oct. 02, 2024	May 22, 2025~ Aug. 18, 2025	Oct. 01, 2025	Conducted (TH03-HY)
Temperature Chamber	ESPEC	LHU-113	101200586 0	-20°C ~85°C	Dec. 10, 2024	May 22, 2025~ Aug. 18, 2025	Dec. 09, 2025	Conducted (TH03-HY)
Hygrometer	TECPEL	DTM-303B	TP200886	NA	Mar. 03, 2025	May 22, 2025~ Aug. 18, 2025	Mar. 02, 2026	Conducted (TH03-HY)
Base Station (Measure)	Anritsu	MT8821C	626211672 5	LTE	Oct. 17, 2024	May 22, 2025~ Aug. 18, 2025	Oct. 16, 2025	Conducted (TH03-HY)
Base Station (Measure)	Anritsu	MT8000A	626214827 5	FR1	Oct. 20, 2024	May 22, 2025~ Aug. 18, 2025	Oct. 19, 2025	Conducted (TH03-HY)
Coupler	MVE	MVE-4816-10	A400024	N/A	Jun. 27, 2024	May 22, 2025~ Jun. 20, 2025	Jun. 26, 2025	Conducted (TH03-HY)
Coupler	MVE	MVE-4816	A400014	N/A	Mar. 07, 2024	Jun. 21, 2025~ Aug. 18, 2025	Mar. 06, 2026	Conducted (TH03-HY)
Power divider	Anritsu	K241C	2143398	9KHz~40GHz	Jun. 13, 2024	May 22, 2025~ Jun. 06, 2025	Jun. 12, 2025	Conducted (TH03-HY)
Power divider	MVE	MVE8283	E800028	9KHz~18GHz	Aug. 23, 2024	Jun. 07, 2025~ Aug. 18, 2025	Aug. 22, 2025	Conducted (TH03-HY)
RF Cable	MVE	MCBL-LL403P.50	E80002C	9KHz~40GHz	Aug. 23, 2024	May 22, 2025~ Aug. 18, 2025	Aug. 22, 2025	Conducted (TH03-HY)
Software 1	Sporton	FCC 5G NR_FSV30 44_20231106	N/A	Conducted Test Item	N/A	May 22, 2025~ Aug. 18, 2025	N/A	Conducted (TH03-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY541300 85	N/A	Oct. 16, 2024	Jun. 06, 2025~ Jul. 25, 2025	Oct. 15, 2025	Radiation (03CH20-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Aug. 29, 2024	Jun. 06, 2025~ Jul. 25, 2025	Aug. 28, 2025	Radiation (03CH20-HY)
Preamplifier	EMEC	EM18G40G	060871	18GHz~40GHz	Aug. 23, 2024	Jun. 06, 2025~ Jul. 25, 2025	Aug. 22, 2025	Radiation (03CH20-HY)
Controller	ChainTek	3000-1	N/A	Control Turn table & Ant Mast	N/A	Jun. 06, 2025~ Jul. 25, 2025	N/A	Radiation (03CH20-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Jun. 06, 2025~ Jul. 25, 2025	N/A	Radiation (03CH20-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Jun. 06, 2025~ Jul. 25, 2025	N/A	Radiation (03CH20-HY)
Signal Analyzer	Keysight	N9010B	MY602405 20	N/A	Dec. 09, 2024	Jun. 06, 2025~ Jul. 25, 2025	Dec. 08, 2025	Radiation (03CH20-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Bilog Antenna	TESEQ	CBL 6111D&00800 N1D01N-06	55606 & 08	30MHz~1GHz	Nov. 27, 2024	Jun. 06, 2025~ Jul. 25, 2025	Nov. 26, 2025	Radiation (03CH20-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	02360	1GHz-18GHz	Nov. 01, 2024	Jun. 06, 2025~ Jul. 25, 2025	Oct. 31, 2025	Radiation (03CH20-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	1230	18GHz-40GHz	Oct. 25, 2025	Jun. 06, 2025~ Jul. 25, 2025	Oct. 24, 2026	Radiation (03CH20-HY)
Preamplifier	COM-POWER	PAM-103	18020201	1MHz-1000MHz	Dec. 31, 2024	Jun. 06, 2025~ Jul. 25, 2025	Dec. 30, 2025	Radiation (03CH20-HY)
Amplifier	EMCI	EMC118A45S E	980792	N/A	Nov. 12, 2024	Jun. 06, 2025~ Jul. 25, 2025	Nov. 11, 2025	Radiation (03CH20-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	519229/2,8 04015/2,80 4027/2	N/A	Jan. 16, 2025	Jun. 06, 2025~ Jul. 25, 2025	Jan. 15, 2026	Radiation (03CH20-HY)
Hygrometer	TECPEL	DTM-303A	TP211382	N/A	Mar. 31, 2025	Jun. 06, 2025~ Jul. 25, 2025	Mar. 30, 2026	Radiation (03CH20-HY)
Software	Audix	N/A	RK- 002156	N/A	N/A	Jun. 06, 2025~ Jul. 25, 2025	N/A	Radiation (03CH20-HY)

6 Measurement Uncertainty

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.6 dB
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Uncertainty of Radiated Emission Measurement (1 GHz ~ 6 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.4 dB
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Uncertainty of Radiated Emission Measurement (6 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.6 dB
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Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.7 dB
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Appendix A. Test Results of Conducted Test

Conducted Output Power (Average power and EIRP)

NR n48 Maximum Average Power [dBm] (GT - LC = 1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK	21.09	21.20	21.06	22.24	0.1675		
10	1	22		21.01	21.15	21.14				
10	12	6		21.18	21.24	21.14				
10	1	0		20.64	20.77	20.57				
10	1	23		20.48	20.56	20.45				
10	24	0		20.64	20.74	20.63				
10	1	1	QPSK	21.11	21.19	21.07				
10	1	22		20.97	21.15	21.05				
10	12	6		21.20	21.23	21.09				
10	1	0		20.17	20.22	20.06				
10	1	23		20.02	20.10	20.04				
10	24	0		20.18	20.20	20.06				
10	1	1	16-QAM	20.13	20.08	19.98	21.13	0.1297		
10	1	1	64-QAM	18.64	18.72	18.67				
10	1	1	256-QAM	16.51	16.71	16.58				
Limit	EIRP < 23dBm/10MHz			Result			Pass			

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

NR n48 Maximum Average Power [dBm] (GT - LC = 1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
20	1	1	PI/2 BPSK	17.16	21.23	21.05	22.27	0.1687		
20	1	49		20.98	21.08	16.94				
20	25	12		21.27	21.26	21.02				
20	1	0		17.11	20.70	20.53				
20	1	50		20.47	20.67	16.88				
20	50	0		17.18	20.70	17.03				
20	1	1	QPSK	17.08	21.20	21.01				
20	1	49		20.98	21.04	16.90				
20	25	12		21.24	21.26	21.14				
20	1	0		17.09	20.14	20.04				
20	1	50		19.98	20.09	16.92				
20	50	0		17.18	20.26	17.04				
20	1	1	16-QAM	15.92	20.14	19.92	21.14	0.1300		
20	1	1	64-QAM	16.25	18.85	18.46				
20	1	1	256-QAM	16.75	16.63	16.59				
Limit	EIRP < 23dBm/10MHz			Result			Pass			

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

NR n48 Maximum Average Power [dBm] (GT - LC = 1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
30	1	1	PI/2 BPSK	10.94	17.31	10.76	22.29	0.1694		
30	1	76		10.44	17.21	10.53				
30	36	18		10.70	21.29	21.22				
30	1	0		10.94	17.37	10.75				
30	1	77		10.43	16.99	10.57				
30	75	0		10.70	17.21	10.65				
30	1	1	QPSK	10.91	17.33	10.79				
30	1	76		10.42	17.02	10.60				
30	36	18		10.64	21.28	21.20				
30	1	0		10.85	17.37	10.73				
30	1	77		10.39	17.06	10.48				
30	75	0		10.71	17.21	10.70				
30	1	1	16-QAM	10.29	17.26	10.15	18.38	0.0689		
30	1	1	64-QAM	10.45	17.38	10.32				
30	1	1	256-QAM	10.53	16.96	10.32				
Limit	EIRP < 23dBm/10MHz			Result			Pass			

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

NR n48 Maximum Average Power [dBm] (GT - LC = 1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
40	1	1	PI/2 BPSK	10.96	17.32	10.72	22.28	0.1690		
40	1	104		10.77	17.20	10.59				
40	50	25		10.69	21.28	10.70				
40	1	0		10.92	17.29	10.78				
40	1	105		10.74	17.18	10.60				
40	100	0		10.73	16.70	10.68				
40	1	1	QPSK	10.96	17.30	10.73				
40	1	104		10.69	17.08	10.58				
40	50	25		10.71	21.28	10.69				
40	1	0		10.87	17.29	10.74				
40	1	105		10.73	17.19	10.63				
40	100	0		10.74	16.73	10.71				
40	1	1	16-QAM	10.33	17.22	10.13	18.34	0.0682		
40	1	1	64-QAM	10.52	17.34	10.26				
40	1	1	256-QAM	10.51	16.88	10.28				
Limit	EIRP < 23dBm/10MHz			Result			Pass			

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

NR n77_Part96 Maximum Average Power [dBm] (GT - LC = 1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK	21.25	21.41	21.34	22.55	0.1799		
10	1	22		21.16	21.40	21.33				
10	12	6		21.35	21.55	21.42				
10	1	0		19.21	19.43	19.26				
10	1	23		19.12	19.40	19.32				
10	24	0		19.28	19.51	19.31				
10	1	1	QPSK	21.22	21.43	21.25				
10	1	22		21.10	21.37	21.34				
10	12	6		21.31	21.52	21.44				
10	1	0		18.21	18.34	18.28				
10	1	23		18.09	18.31	18.27				
10	24	0		18.21	18.41	18.33				
10	1	1	16-QAM	20.08	20.31	20.19	21.31	0.1352		
10	1	1	64-QAM	18.73	19.01	18.80				
10	1	1	256-QAM	16.79	16.95	16.83				
Limit	EIRP < 23dBm/10MHz			Result			Pass			

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

NR n77_Part96 Maximum Average Power [dBm] (GT - LC = 1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
15	1	1	PI/2 BPSK	21.31	21.41	21.39	22.65	0.1841		
15	1	36		21.28	21.52	21.44				
15	18	9		21.35	21.65	21.52				
15	1	0		19.27	19.45	19.35				
15	1	37		19.20	19.44	19.40				
15	36	0		19.39	19.56	19.47				
15	1	1	QPSK	21.25	21.37	21.34				
15	1	36		21.23	21.44	21.44				
15	18	9		21.42	21.62	21.53				
15	1	0		18.27	18.37	18.33				
15	1	37		18.18	18.44	18.27				
15	36	0		18.31	18.52	18.43				
15	1	1	16-QAM	20.12	20.27	20.27	21.27	0.1340		
15	1	1	64-QAM	18.94	18.99	18.97				
15	1	1	256-QAM	16.74	16.93	16.84				
Limit	EIRP < 23dBm/10MHz			Result			Pass			

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

NR n77_Part96 Maximum Average Power [dBm] (GT - LC = 1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
20	1	1	PI/2 BPSK	21.38	21.57	21.55	22.61	0.1824		
20	1	49		21.29	21.55	21.34				
20	25	12		21.46	21.54	21.52				
20	1	0		19.38	19.56	19.52				
20	1	50		19.30	19.48	19.32				
20	50	0		19.39	19.47	19.45				
20	1	1	QPSK	21.35	21.61	21.48				
20	1	49		21.29	21.53	21.31				
20	25	12		21.42	21.54	21.46				
20	1	0		18.31	18.53	18.50				
20	1	50		18.23	18.48	18.26				
20	50	0		18.37	18.48	18.46				
20	1	1	16-QAM	20.18	20.49	20.40	21.49	0.1409		
20	1	1	64-QAM	18.86	19.06	19.15				
20	1	1	256-QAM	16.83	16.98	16.98				
Limit	EIRP < 23dBm/10MHz			Result			Pass			

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

NR n77_Part96 Maximum Average Power [dBm] (GT - LC = 1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
30	1	1	PI/2 BPSK	21.32	21.59	21.66	22.66	0.1845		
30	1	76		21.34	21.58	21.45				
30	36	18		21.32	21.52	21.65				
30	1	0		19.33	19.55	19.62				
30	1	77		19.30	19.59	19.37				
30	75	0		19.39	19.61	19.65				
30	1	1	QPSK	21.31	21.54	21.66				
30	1	76		21.33	21.55	21.45				
30	36	18		21.31	21.52	21.65				
30	1	0		18.28	18.53	18.56				
30	1	77		18.25	18.47	18.33				
30	75	0		18.29	18.44	18.56				
30	1	1	16-QAM	20.18	20.34	20.41	21.41	0.1384		
30	1	1	64-QAM	18.73	19.09	19.11				
30	1	1	256-QAM	16.72	17.00	17.21				
Limit	EIRP < 23dBm/10MHz			Result			Pass			

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

NR n77_Part96 Maximum Average Power [dBm] (GT - LC = 1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
40	1	1	PI/2 BPSK	21.51	21.81	21.97	22.97	0.1982		
40	1	104		21.56	21.61	21.46				
40	50	25		21.47	21.57	21.66				
40	1	0		19.56	19.76	18.80				
40	1	105		19.56	19.68	18.38				
40	100	0		19.48	19.56	18.60				
40	1	1	QPSK	21.54	21.81	21.90				
40	1	104		21.52	21.64	21.46				
40	50	25		21.45	21.55	21.66				
40	1	0		18.45	18.74	18.82				
40	1	105		18.48	18.58	18.34				
40	100	0		18.43	18.50	18.58				
40	1	1	16-QAM	20.40	20.58	20.83	21.83	0.1524		
40	1	1	64-QAM	18.89	19.18	19.42				
40	1	1	256-QAM	17.15	17.24	17.27				
Limit	EIRP < 23dBm/10MHz			Result			Pass			

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

NR n77_Part96 Maximum Average Power [dBm] (GT - LC = 1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
50	1	1	PI/2 BPSK	21.22	21.45	21.45	22.48	0.1770		
50	1	131		21.23	21.36	21.03				
50	64	32		21.22	21.48	21.40				
50	1	0		19.19	19.38	19.52				
50	1	132		19.21	19.31	18.94				
50	128	0		19.16	19.40	19.32				
50	1	1	QPSK	21.22	21.43	21.40				
50	1	131		21.23	21.38	21.10				
50	64	32		21.13	21.40	21.38				
50	1	0		18.19	18.25	18.29				
50	1	132		18.21	18.27	17.98				
50	128	0		18.04	18.42	18.29				
50	1	1	16-QAM	20.11	20.26	20.10	21.26	0.1337		
50	1	1	64-QAM	18.80	18.98	18.93				
50	1	1	256-QAM	16.67	16.89	16.84				
Limit	EIRP < 23dBm/10MHz			Result			Pass			

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

NR n77_Part96 Maximum Average Power [dBm] (GT - LC = 1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
60	1	1	PI/2 BPSK	21.22	21.40	21.14	22.42	0.1746		
60	1	160		21.29	21.35	21.10				
60	81	40		21.18	21.38	21.41				
60	1	0		19.07	19.32	19.16				
60	1	161		19.29	19.26	19.02				
60	162	0		19.27	19.39	19.31				
60	1	1	QPSK	21.17	21.30	21.23				
60	1	160		21.27	21.34	21.14				
60	81	40		21.20	21.42	21.40				
60	1	0		18.14	18.28	18.18				
60	1	161		18.23	18.19	18.07				
60	162	0		18.31	18.30	18.29				
60	1	1	16-QAM	20.02	20.30	20.14	21.30	0.1349		
60	1	1	64-QAM	18.69	18.94	18.79				
60	1	1	256-QAM	16.62	16.83	16.76				
Limit	EIRP < 23dBm/10MHz			Result			Pass			

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

NR n77_Part96 Maximum Average Power [dBm] (GT - LC = 1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
70	1	1	PI/2 BPSK	21.03	21.27	21.14	22.55	0.1799		
70	1	187		21.05	21.41	20.97				
70	90	45		21.19	21.37	21.55				
70	1	0		19.06	19.20	19.17				
70	1	188		18.95	19.36	19.07				
70	180	0		19.16	19.32	19.37				
70	1	1	QPSK	21.09	21.23	21.13				
70	1	187		20.97	21.36	21.00				
70	90	45		21.21	21.50	21.45				
70	1	0		18.08	18.17	18.08				
70	1	188		17.99	18.39	18.03				
70	180	0		18.16	18.42	18.36				
70	1	1	16-QAM	20.11	20.10	19.79	21.11	0.1291		
70	1	1	64-QAM	18.59	18.83	18.73				
70	1	1	256-QAM	16.49	16.96	16.52				
Limit	EIRP < 23dBm/10MHz			Result			Pass			

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

NR n77_Part96 Maximum Average Power [dBm] (GT - LC = 1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
80	1	1	PI/2 BPSK	21.01	21.22	21.20	22.50	0.1778		
80	1	215		21.02	21.30	21.02				
80	108	54		21.31	21.38	21.50				
80	1	0		19.08	19.13	19.17				
80	1	216		19.04	19.39	18.98				
80	216	0		19.07	19.34	19.30				
80	1	1	QPSK	21.03	21.19	21.23				
80	1	215		21.02	21.30	21.00				
80	108	54		21.26	21.36	21.37				
80	1	0		17.94	18.15	18.16				
80	1	216		17.95	18.22	18.02				
80	216	0		18.18	18.30	18.33				
80	1	1	16-QAM	19.86	20.31	20.11	21.31	0.1352		
80	1	1	64-QAM	18.45	18.79	18.77				
80	1	1	256-QAM	16.49	16.61	16.66				
Limit	EIRP < 23dBm/10MHz			Result			Pass			

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

NR n77_Part96 Maximum Average Power [dBm] (GT - LC = 1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
90	1	1	PI/2 BPSK	21.12	21.12	21.30	22.52	0.1786		
90	1	243		21.04	21.32	21.12				
90	120	60		21.25	21.36	21.39				
90	1	0		19.07	19.07	19.28				
90	1	244		19.02	19.41	19.09				
90	243	0		19.15	19.37	19.32				
90	1	1	QPSK	21.10	21.12	21.32				
90	1	243		21.06	21.35	21.15				
90	120	60		21.31	21.35	21.52				
90	1	0		18.02	18.07	18.25				
90	1	244		17.98	18.29	18.12				
90	243	0		18.12	18.30	18.30				
90	1	1	16-QAM	20.05	20.09	20.11	21.11	0.1291		
90	1	1	64-QAM	18.60	18.75	18.71				
90	1	1	256-QAM	16.62	16.53	16.76				
Limit	EIRP < 23dBm/10MHz			Result			Pass			

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

NR n77_Part96 Maximum Average Power [dBm] (GT - LC = 1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
100	1	1	PI/2 BPSK	21.06	21.09	21.37	22.43	0.1750		
100	1	271		21.36	21.32	21.00				
100	135	67		21.31	21.42	21.43				
100	1	0		19.03	19.03	19.32				
100	1	272		19.33	19.28	19.06				
100	270	0		19.10	19.37	19.32				
100	1	1	QPSK	21.07	21.05	21.40				
100	1	271		21.15	21.33	21.07				
100	135	67		21.30	21.40	21.36				
100	1	0		17.99	17.90	18.33				
100	1	272		18.21	18.23	18.07				
100	270	0		18.11	18.45	18.24				
100	1	1	16-QAM	19.80	19.90	20.19	21.19	0.1315		
100	1	1	64-QAM	18.58	18.62	18.82				
100	1	1	256-QAM	16.58	16.44	16.78				
Limit	EIRP < 23dBm/10MHz			Result			Pass			

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

NR n78_Part96 Maximum Average Power [dBm] (GT - LC = 1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK	21.57	21.57	21.60	22.75	0.1884		
10	1	22		21.47	21.63	21.57				
10	12	6		21.59	21.75	21.67				
10	1	0		18.01	18.07	18.07				
10	1	23		17.90	18.03	18.05				
10	24	0		21.06	21.18	21.21				
10	1	1	QPSK	21.44	21.59	21.56				
10	1	22		21.47	21.58	21.53				
10	12	6		21.60	21.71	21.71				
10	1	0		17.97	18.13	18.02				
10	1	23		17.85	18.00	18.08				
10	24	0		20.57	20.70	20.67				
10	1	1	16-QAM	20.24	20.51	20.39	21.51	0.1416		
10	1	1	64-QAM	19.09	19.14	19.14				
10	1	1	256-QAM	17.01	17.08	17.10				
Limit	EIRP < 23dBm/10MHz			Result			Pass			

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

NR n78_Part96 Maximum Average Power [dBm] (GT - LC = 1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
15	1	1	PI/2 BPSK	21.61	21.77	21.73	22.83	0.1919		
15	1	36		21.50	21.68	21.61				
15	18	9		21.61	21.80	21.64				
15	1	0		18.04	18.10	18.13				
15	1	37		17.94	18.03	17.98				
15	36	0		21.15	21.25	21.09				
15	1	1	QPSK	21.61	21.72	21.58				
15	1	36		21.52	21.65	21.56				
15	18	9		21.69	21.83	21.68				
15	1	0		18.03	18.16	18.02				
15	1	37		17.87	18.04	17.92				
15	36	0		20.66	20.74	20.63				
15	1	1	16-QAM	20.55	20.64	20.50	21.64	0.1459		
15	1	1	64-QAM	19.09	19.31	19.11				
15	1	1	256-QAM	17.00	17.19	17.09				
Limit	EIRP < 23dBm/10MHz			Result			Pass			

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

NR n78_Part96 Maximum Average Power [dBm] (GT - LC = 1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
20	1	1	PI/2 BPSK	21.68	21.83	21.78	22.83	0.1919		
20	1	49		21.57	21.70	21.61				
20	25	12		21.66	21.73	21.61				
20	1	0		18.13	18.17	18.13				
20	1	50		18.03	18.08	17.97				
20	50	0		21.17	21.27	21.11				
20	1	1	QPSK	21.62	21.72	21.40				
20	1	49		21.54	21.60	21.27				
20	25	12		21.61	21.74	21.34				
20	1	0		18.07	18.17	18.07				
20	1	50		17.96	18.04	17.97				
20	50	0		20.67	20.71	20.35				
20	1	1	16-QAM	20.52	20.64	20.32	21.64	0.1459		
20	1	1	64-QAM	19.15	19.34	18.82				
20	1	1	256-QAM	17.11	17.13	16.81				
Limit	EIRP < 23dBm/10MHz			Result			Pass			

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

NR n78_Part96 Maximum Average Power [dBm] (GT - LC = 1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
30	1	1	PI/2 BPSK	21.57	21.58	21.54	22.58	0.1811		
30	1	76		21.16	21.37	21.40				
30	36	18		21.33	21.51	21.47				
30	1	0		17.95	18.06	17.96				
30	1	77		17.50	17.79	17.87				
30	75	0		20.88	21.02	20.97				
30	1	1	QPSK	21.56	21.55	21.58				
30	1	76		21.14	21.32	21.40				
30	36	18		21.32	21.44	21.46				
30	1	0		17.97	17.99	17.98				
30	1	77		17.53	17.75	17.83				
30	75	0		20.36	20.41	20.48				
30	1	1	16-QAM	20.48	20.44	20.45	21.48	0.1406		
30	1	1	64-QAM	19.12	19.03	18.99				
30	1	1	256-QAM	16.97	16.99	16.97				
Limit	EIRP < 23dBm/10MHz			Result			Pass			

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

NR n78_Part96 Maximum Average Power [dBm] (GT - LC = 1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
40	1	1	PI/2 BPSK	21.57	21.67	21.61	22.70	0.1862		
40	1	104		21.39	21.48	21.42				
40	50	25		21.26	21.58	21.47				
40	1	0		18.03	18.08	18.02				
40	1	105		17.84	17.93	17.85				
40	100	0		20.80	21.09	20.99				
40	1	1	QPSK	21.57	21.70	21.67				
40	1	104		21.43	21.48	21.40				
40	50	25		21.34	21.55	21.51				
40	1	0		18.04	18.11	18.05				
40	1	105		17.79	17.85	17.84				
40	100	0		20.37	20.55	20.50				
40	1	1	16-QAM	20.39	20.52	20.46	21.52	0.1419		
40	1	1	64-QAM	18.97	19.12	19.04				
40	1	1	256-QAM	17.01	17.14	17.13				
Limit	EIRP < 23dBm/10MHz			Result			Pass			

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

NR n78_Part96 Maximum Average Power [dBm] (GT - LC = 1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
50	1	1	PI/2 BPSK	21.32	21.33	21.14	22.33	0.1710		
50	1	131		21.02	21.06	20.88				
50	64	32		21.02	21.28	21.23				
50	1	0		17.75	17.79	17.58				
50	1	132		17.56	17.51	17.27				
50	128	0		20.57	20.81	20.77				
50	1	1	QPSK	21.26	21.27	21.12				
50	1	131		21.02	21.09	20.85				
50	64	32		21.02	21.30	21.25				
50	1	0		17.73	17.70	17.54				
50	1	132		17.48	17.52	17.28				
50	128	0		20.05	20.28	20.13				
50	1	1	16-QAM	20.18	20.16	20.12	21.18	0.1312		
50	1	1	64-QAM	18.74	18.71	18.65				
50	1	1	256-QAM	16.79	16.70	16.70				
Limit	EIRP < 23dBm/10MHz			Result			Pass			

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

NR n78_Part96 Maximum Average Power [dBm] (GT - LC = 1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
60	1	1	PI/2 BPSK	21.29	21.14	20.95	22.35	0.1718		
60	1	160		21.22	21.27	21.02				
60	81	40		21.06	21.34	21.29				
60	1	0		17.65	17.47	17.43				
60	1	161		17.68	17.69	17.45				
60	162	0		20.66	20.79	20.78				
60	1	1	QPSK	21.26	21.12	20.96				
60	1	160		21.24	21.15	21.04				
60	81	40		21.10	21.35	21.32				
60	1	0		17.65	17.55	17.40				
60	1	161		17.66	17.67	17.49				
60	162	0		20.17	20.30	20.22				
60	1	1	16-QAM	20.09	19.98	19.89	21.09	0.1285		
60	1	1	64-QAM	18.65	18.62	18.53				
60	1	1	256-QAM	16.76	16.60	16.47				
Limit	EIRP < 23dBm/10MHz			Result			Pass			

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

NR n78_Part96 Maximum Average Power [dBm] (GT - LC = 1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
70	1	1	PI/2 BPSK	21.29	21.13	21.00	22.40	0.1738		
70	1	187		21.04	21.24	20.97				
70	90	45		21.02	21.24	21.40				
70	1	0		17.70	17.53	17.41				
70	1	188		17.43	17.66	17.39				
70	180	0		20.67	20.76	20.74				
70	1	1	QPSK	21.28	21.08	21.00				
70	1	187		21.00	21.24	20.99				
70	90	45		21.08	21.29	21.38				
70	1	0		17.70	17.44	17.38				
70	1	188		17.45	17.67	17.36				
70	180	0		20.08	20.21	20.28				
70	1	1	16-QAM	20.14	19.88	19.88	21.14	0.1300		
70	1	1	64-QAM	18.74	18.56	18.53				
70	1	1	256-QAM	16.77	16.67	16.36				
Limit	EIRP < 23dBm/10MHz			Result			Pass			

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

NR n78_Part96 Maximum Average Power [dBm] (GT - LC = 1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
80	1	1	PI/2 BPSK	21.22	20.91	21.15	22.31	0.1702		
80	1	215		20.99	21.22	20.88				
80	108	54		21.16	21.30	21.31				
80	1	0		17.66	17.37	17.47				
80	1	216		17.44	17.72	17.29				
80	216	0		20.62	20.70	20.69				
80	1	1	QPSK	21.22	20.89	21.12				
80	1	215		20.98	21.19	20.88				
80	108	54		21.09	21.25	21.30				
80	1	0		17.65	17.33	17.55				
80	1	216		17.41	17.57	17.33				
80	216	0		20.08	20.24	20.11				
80	1	1	16-QAM	20.12	19.75	19.96	21.12	0.1294		
80	1	1	64-QAM	18.73	18.31	18.55				
80	1	1	256-QAM	16.66	16.32	16.63				
Limit	EIRP < 23dBm/10MHz			Result			Pass			

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

NR n78_Part96 Maximum Average Power [dBm] (GT - LC = 1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
90	1	1	PI/2 BPSK	21.26	20.89	21.25	22.29	0.1694		
90	1	243		20.87	21.26	20.97				
90	120	60		21.09	21.27	21.26				
90	1	0		17.71	17.32	17.63				
90	1	244		17.27	17.69	17.50				
90	243	0		20.67	20.68	20.75				
90	1	1	QPSK	21.29	20.79	21.21				
90	1	243		20.84	21.26	21.01				
90	120	60		21.20	21.27	21.24				
90	1	0		17.69	17.20	17.63				
90	1	244		17.26	17.69	17.40				
90	243	0		20.17	20.22	20.20				
90	1	1	16-QAM	20.30	19.72	20.09	21.30	0.1349		
90	1	1	64-QAM	18.81	18.29	18.84				
90	1	1	256-QAM	16.75	16.33	16.66				
Limit	EIRP < 23dBm/10MHz			Result			Pass			

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

NR n78_Part96 Maximum Average Power [dBm] (GT - LC = 1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
100	1	1	PI/2 BPSK	21.23	20.82	21.29	22.34	0.1714		
100	1	271		21.02	21.33	20.97				
100	135	67		21.24	21.28	21.21				
100	1	0		17.65	17.26	17.67				
100	1	272		17.48	17.73	17.37				
100	270	0		20.67	20.71	20.74				
100	1	1	QPSK	21.20	20.81	21.18				
100	1	271		21.00	21.25	20.97				
100	135	67		21.20	21.34	21.20				
100	1	0		17.66	17.21	17.69				
100	1	272		17.45	17.70	17.37				
100	270	0		20.07	20.19	20.16				
100	1	1	16-QAM	20.09	19.85	20.06	21.09	0.1285		
100	1	1	64-QAM	18.72	18.33	18.60				
100	1	1	256-QAM	16.71	16.32	16.61				
Limit	EIRP < 23dBm/10MHz			Result			Pass			

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

<MIMO Mode>

NR n77_Part96 Maximum Average Power [dBm] (GT - LC = 1 dB)																
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	PI/2 BPSK	18.45	18.63	18.55	18.20	18.40	18.49	21.34	21.53	21.53	22.60	0.1820		
10	1	22		18.33	18.53	18.55	18.13	18.36	18.51	21.24	21.46	21.54				
10	12	6		18.51	18.66	18.63	18.29	18.47	18.55	21.41	21.58	21.60				
10	1	0		12.45	12.45	12.36	11.86	12.18	12.41	15.18	15.33	15.40				
10	1	23		12.38	12.36	12.39	12.00	12.20	12.38	15.20	15.29	15.40				
10	24	0		16.97	17.15	17.13	16.74	16.87	17.03	19.87	20.02	20.09				
10	1	1	QPSK	18.54	18.51	18.45	18.08	18.32	18.37	21.33	21.43	21.42			22.60	0.1820
10	1	22		18.39	18.43	18.48	18.15	18.33	18.49	21.28	21.39	21.50				
10	12	6		18.51	18.63	18.57	18.23	18.40	18.48	21.38	21.53	21.54				
10	1	0		12.14	12.00	11.86	11.61	11.70	11.80	14.89	14.86	14.84				
10	1	23		11.97	11.92	11.88	11.64	11.76	11.88	14.82	14.85	14.89				
10	24	0		16.48	16.68	16.56	16.25	16.39	16.46	19.38	19.55	19.52				
10	1	1	16-QAM	17.38	17.58	17.30	16.99	17.22	17.16	20.20	20.41	20.24	21.41	0.1384		
10	1	1	64-QAM	15.59	15.50	15.51	15.18	15.21	15.41	18.40	18.37	18.47				
10	1	1	256-QAM	12.97	13.12	12.89	12.62	12.84	12.84	15.81	15.99	15.88				
Limit	EIRP < 23dBm/10MHz			Result									Pass			

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

NR n77_Part96 Maximum Average Power [dBm] (GT - LC = 1 dB)														
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	PI/2 BPSK	18.47	18.64	18.53	18.20	18.23	18.31	21.35	21.45	21.43	22.61	0.1824
15	1	36		18.42	18.51	18.49	18.19	18.43	18.50	21.32	21.48	21.51		
15	18	9		18.52	18.71	18.56	18.28	18.46	18.47	21.41	21.60	21.53		
15	1	0		12.60	12.50	12.24	12.00	12.15	12.13	15.32	15.34	15.20		
15	1	37		12.41	12.41	12.31	12.10	12.21	12.30	15.27	15.32	15.32		
15	36	0		17.09	17.17	17.12	16.79	16.95	16.94	19.95	20.07	20.04		
15	1	1	QPSK	18.43	18.62	18.42	18.18	18.27	18.33	21.32	21.46	21.39		
15	1	36		18.42	18.49	18.44	18.16	18.40	18.36	21.30	21.46	21.41		
15	18	9		18.51	18.68	18.62	18.32	18.52	18.52	21.43	21.61	21.58		
15	1	0		12.05	12.02	11.86	11.53	11.65	11.74	14.81	14.85	14.81		
15	1	37		11.95	11.89	11.84	11.60	11.78	11.79	14.79	14.85	14.83		
15	36	0		16.54	16.70	16.56	16.27	16.48	16.43	19.42	19.60	19.51		
15	1	1	16-QAM	17.41	17.46	17.41	17.01	17.13	17.23	20.22	20.31	20.33	21.33	0.1358
15	1	1	64-QAM	15.52	15.65	15.49	15.20	15.30	15.36	18.37	18.49	18.44		
15	1	1	256-QAM	12.80	13.18	12.95	12.50	12.97	12.87	15.66	16.09	15.92		
Limit	EIRP < 23dBm/10MHz			Result									Pass	

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

NR n77_Part96 Maximum Average Power [dBm] (GT - LC = 1 dB)														
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	PI/2 BPSK	18.55	18.73	18.64	18.30	18.34	18.45	21.44	21.55	21.56	22.59	0.1816
20	1	49		18.29	18.55	18.50	18.27	18.36	18.40	21.29	21.47	21.46		
20	25	12		18.58	18.72	18.57	18.30	18.43	18.44	21.45	21.59	21.52		
20	1	0		12.66	12.56	12.52	12.11	12.22	12.27	15.40	15.40	15.41		
20	1	50		12.32	12.42	12.28	12.02	12.21	12.29	15.18	15.33	15.30		
20	50	0		17.02	17.19	17.14	16.80	16.97	16.90	19.92	20.09	20.03		
20	1	1	QPSK	18.61	18.70	18.58	18.32	18.37	18.46	21.48	21.55	21.53		
20	1	49		18.33	18.52	18.40	18.15	18.40	18.32	21.25	21.47	21.37		
20	25	12		18.56	18.72	18.55	18.28	18.43	18.44	21.43	21.59	21.51		
20	1	0		12.15	12.28	12.00	11.67	11.79	11.86	14.93	15.05	14.94		
20	1	50		11.88	11.87	11.81	11.76	11.78	11.71	14.83	14.84	14.77		
20	50	0		16.58	16.70	16.55	16.23	16.40	16.39	19.42	19.56	19.48		
20	1	1	16-QAM	17.44	17.88	17.50	17.08	17.53	17.34	20.27	20.72	20.43	21.72	0.1486
20	1	1	64-QAM	15.69	15.88	15.66	15.37	15.49	15.52	18.54	18.70	18.60		
20	1	1	256-QAM	13.01	13.27	13.15	12.73	12.99	12.99	15.88	16.14	16.08		
Limit	EIRP < 23dBm/10MHz			Result									Pass	

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

NR n77_Part96 Maximum Average Power [dBm] (GT - LC = 1 dB)																
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	PI/2 BPSK	18.51	18.72	18.71	18.18	18.39	18.43	21.36	21.57	21.58	22.62	0.1828		
30	1	76		18.19	18.60	18.58	18.15	18.51	18.45	21.18	21.57	21.53				
30	36	18		18.41	18.73	18.68	18.20	18.40	18.54	21.32	21.58	21.62				
30	1	0		12.65	12.69	12.60	12.09	12.23	12.30	15.39	15.48	15.46				
30	1	77		12.18	12.38	12.46	12.01	12.26	12.38	15.11	15.33	15.43				
30	75	0		16.95	17.23	17.14	16.76	16.87	16.99	19.87	20.06	20.08				
30	1	1	QPSK	18.54	18.74	18.75	18.25	18.35	18.42	21.41	21.56	21.60			22.62	0.1828
30	1	76		18.29	18.58	18.59	18.22	18.46	18.44	21.27	21.53	21.53				
30	36	18		18.42	18.73	18.67	18.18	18.40	18.54	21.31	21.58	21.62				
30	1	0		12.17	12.26	12.14	11.76	11.78	11.78	14.98	15.04	14.97				
30	1	77		11.81	11.91	11.96	11.62	11.81	11.84	14.73	14.87	14.91				
30	75	0		16.46	16.73	16.71	16.17	16.39	16.53	19.33	19.57	19.63				
30	1	1	16-QAM	17.59	17.56	17.63	17.19	17.14	17.28	20.40	20.37	20.47	21.47	0.1403		
30	1	1	64-QAM	15.49	15.83	15.82	15.11	15.43	15.47	18.31	18.64	18.66				
30	1	1	256-QAM	13.05	13.25	13.13	12.72	12.91	12.75	15.90	16.09	15.95				
Limit	EIRP < 23dBm/10MHz			Result									Pass			

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

NR n77_Part96 Maximum Average Power [dBm] (GT - LC = 1 dB)																
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	PI/2 BPSK	18.64	18.88	18.87	18.40	18.52	18.53	21.53	21.71	21.71	22.71	0.1866		
40	1	104		18.47	18.63	18.53	18.29	18.51	18.39	21.39	21.58	21.47				
40	50	25		18.46	18.77	18.72	18.36	18.42	18.38	21.42	21.61	21.56				
40	1	0		12.80	12.82	12.72	12.26	12.33	12.39	15.55	15.59	15.57				
40	1	105		12.44	12.42	12.38	12.15	12.34	12.26	15.31	15.39	15.33				
40	100	0		16.93	17.23	17.19	16.84	17.02	17.00	19.90	20.14	20.11				
40	1	1	QPSK	18.69	18.85	18.81	18.44	18.52	18.54	21.58	21.70	21.69			22.71	0.1866
40	1	104		18.40	18.62	18.54	18.30	18.40	18.38	21.36	21.52	21.47				
40	50	25		18.42	18.72	18.79	18.38	18.39	18.42	21.41	21.57	21.62				
40	1	0		12.29	12.38	12.26	11.83	11.90	11.90	15.08	15.16	15.09				
40	1	105		12.04	12.01	11.98	11.70	11.91	11.80	14.88	14.97	14.90				
40	100	0		16.51	16.76	16.70	16.41	16.39	16.39	19.47	19.59	19.56				
40	1	1	16-QAM	17.57	17.77	17.68	17.21	17.34	17.34	20.40	20.57	20.52	21.57	0.1435		
40	1	1	64-QAM	15.77	16.01	15.97	15.48	15.61	15.56	18.64	18.82	18.78				
40	1	1	256-QAM	13.11	13.43	13.45	12.86	13.05	13.08	16.00	16.25	16.28				
Limit	EIRP < 23dBm/10MHz			Result									Pass			

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

NR n77_Part96 Maximum Average Power [dBm] (GT - LC = 1 dB)																
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)		
50	1	1	PI/2 BPSK	18.41	18.51	18.55	18.03	18.17	18.25	21.23	21.35	21.41	22.45	0.1758		
50	1	131		18.22	18.35	18.09	17.95	18.09	18.08	21.10	21.23	21.10				
50	64	32		18.18	18.52	18.50	18.12	18.36	18.16	21.16	21.45	21.34				
50	1	0		12.40	12.38	12.38	11.90	11.94	12.03	15.17	15.18	15.22				
50	1	132		12.14	12.19	11.92	11.65	12.01	11.93	14.91	15.11	14.94				
50	128	0		16.67	16.99	17.01	16.59	16.78	16.69	19.64	19.90	19.86				
50	1	1	QPSK	18.31	18.50	18.43	18.09	18.14	18.11	21.21	21.33	21.28			22.45	0.1758
50	1	131		18.22	18.28	18.08	17.96	18.11	18.00	21.10	21.21	21.05				
50	64	32		18.16	18.60	18.50	18.11	18.28	18.17	21.15	21.45	21.35				
50	1	0		11.99	12.03	11.84	11.39	11.54	11.67	14.71	14.80	14.77				
50	1	132		11.72	11.67	11.49	11.27	11.48	11.31	14.51	14.59	14.41				
50	128	0		16.25	16.54	16.44	16.10	16.31	16.18	19.19	19.44	19.32				
50	1	1	16-QAM	17.13	17.36	17.30	16.79	17.00	16.95	19.97	20.19	20.14	21.19	0.1315		
50	1	1	64-QAM	15.41	15.50	15.55	15.18	15.14	15.27	18.31	18.33	18.42				
50	1	1	256-QAM	12.91	13.11	13.07	12.62	12.77	12.73	15.78	15.95	15.91				
Limit	EIRP < 23dBm/10MHz			Result									Pass			

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

NR n77_Part96 Maximum Average Power [dBm] (GT - LC = 1 dB)																
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)		
60	1	1	PI/2 BPSK	18.43	18.38	18.31	18.08	18.19	18.21	21.27	21.30	21.27	22.41	0.1742		
60	1	160		18.40	18.49	18.19	18.04	18.26	18.14	21.23	21.39	21.18				
60	81	40		18.13	18.53	18.49	18.13	18.27	18.25	21.14	21.41	21.38				
60	1	0		12.41	12.26	12.32	11.86	11.93	11.98	15.15	15.11	15.16				
60	1	161		12.25	12.29	12.31	11.73	12.02	12.01	15.01	15.17	15.17				
60	162	0		16.83	17.03	16.95	16.60	16.72	16.68	19.73	19.89	19.83				
60	1	1	QPSK	18.36	18.47	18.28	18.10	18.17	18.11	21.24	21.33	21.21			22.41	0.1742
60	1	160		18.40	18.43	18.16	18.05	18.18	18.08	21.24	21.32	21.13				
60	81	40		18.21	18.51	18.56	18.15	18.19	18.19	21.19	21.36	21.39				
60	1	0		12.04	11.96	11.77	11.51	11.55	11.52	14.79	14.77	14.66				
60	1	161		11.89	11.88	11.63	11.42	11.59	11.56	14.67	14.75	14.61				
60	162	0		16.31	16.55	16.39	16.12	16.15	16.21	19.23	19.36	19.31				
60	1	1	16-QAM	17.21	17.55	17.30	16.88	17.17	17.08	20.06	20.37	20.20	21.37	0.1371		
60	1	1	64-QAM	15.21	15.49	15.41	14.85	15.13	15.24	18.04	18.32	18.34				
60	1	1	256-QAM	12.94	12.83	12.78	12.61	12.46	12.72	15.79	15.66	15.76				
Limit	EIRP < 23dBm/10MHz			Result									Pass			

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

NR n77_Part96 Maximum Average Power [dBm] (GT - LC = 1 dB)																
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)		
70	1	1	PI/2 BPSK	18.32	18.22	18.31	18.07	18.05	18.09	21.21	21.15	21.21	22.50	0.1778		
70	1	187		18.24	18.46	18.29	17.93	18.11	18.12	21.10	21.30	21.22				
70	90	45		18.20	18.47	18.64	18.13	18.25	18.33	21.18	21.37	21.50				
70	1	0		10.39	12.24	12.14	9.86	11.83	12.00	13.14	15.05	15.08				
70	1	188		12.13	12.25	12.10	11.69	11.99	11.94	14.93	15.13	15.03				
70	180	0		16.75	16.90	16.97	16.50	16.69	16.77	19.64	19.81	19.88				
70	1	1	QPSK	18.31	18.24	18.23	17.99	18.08	18.14	21.16	21.17	21.20			21.12	0.1294
70	1	187		18.20	18.49	18.29	17.98	18.15	18.18	21.10	21.33	21.25				
70	90	45		18.23	18.47	18.63	18.14	18.25	18.29	21.20	21.37	21.47				
70	1	0		11.94	11.86	11.75	11.35	11.51	11.50	14.67	14.70	14.64				
70	1	188		11.69	11.86	11.68	11.33	11.50	11.52	14.52	14.69	14.61				
70	180	0		16.29	16.43	16.51	16.05	16.14	16.24	19.18	19.30	19.39				
70	1	1	16-QAM	17.28	17.00	16.90	16.93	16.84	16.75	20.12	19.93	19.84	21.12	0.1294		
70	1	1	64-QAM	15.44	15.35	15.33	15.06	15.16	15.14	18.26	18.27	18.25				
70	1	1	256-QAM	12.84	12.73	12.82	12.60	12.60	12.61	15.73	15.68	15.73				
Limit	EIRP < 23dBm/10MHz			Result									Pass			

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

NR n77_Part96 Maximum Average Power [dBm] (GT - LC = 1 dB)																
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)		
80	1	1	PI/2 BPSK	18.24	18.13	18.37	18.09	18.08	18.09	21.18	21.12	21.24	22.40	0.1738		
80	1	215		18.20	18.49	18.24	18.05	18.22	18.13	21.14	21.37	21.20				
80	108	54		18.32	18.46	18.55	18.15	18.25	18.23	21.25	21.37	21.40				
80	1	0		12.28	12.13	12.33	11.88	11.75	11.84	15.09	14.95	15.10				
80	1	216		12.07	12.28	12.06	11.78	11.95	11.93	14.94	15.13	15.01				
80	216	0		16.77	16.90	16.93	16.57	16.64	16.71	19.68	19.78	19.83				
80	1	1	QPSK	18.28	18.12	18.38	17.99	18.07	18.18	21.15	21.11	21.29			22.40	0.1738
80	1	215		18.18	18.47	18.24	18.00	18.09	18.11	21.10	21.29	21.19				
80	108	54		18.34	18.48	18.56	18.19	18.23	18.19	21.28	21.37	21.39				
80	1	0		11.97	11.70	11.98	11.39	11.45	11.58	14.70	14.59	14.79				
80	1	216		11.70	11.86	11.70	11.48	11.47	11.56	14.60	14.68	14.64				
80	216	0		16.31	16.43	16.43	16.11	16.18	16.11	19.22	19.32	19.28				
80	1	1	16-QAM	17.22	16.79	17.11	16.87	16.74	16.86	20.06	19.78	20.00	21.06	0.1276		
80	1	1	64-QAM	15.38	15.19	15.59	15.03	15.13	15.25	18.22	18.17	18.43				
80	1	1	256-QAM	12.79	12.67	12.77	12.66	12.64	12.46	15.74	15.67	15.63				
Limit	EIRP < 23dBm/10MHz			Result									Pass			

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

NR n77_Part96 Maximum Average Power [dBm] (GT - LC = 1 dB)																
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)		
90	1	1	PI/2 BPSK	18.35	18.02	18.51	18.13	18.04	18.10	21.25	21.04	21.32	22.46	0.1762		
90	1	243		18.16	18.56	18.37	18.04	18.27	18.21	21.11	21.43	21.30				
90	120	60		18.29	18.46	18.56	18.11	18.27	18.33	21.21	21.38	21.46				
90	1	0		12.34	12.10	12.42	11.86	11.88	11.85	15.12	15.00	15.15				
90	1	244		11.99	12.38	12.21	11.90	12.02	12.00	14.96	15.21	15.12				
90	243	0		16.81	16.86	16.97	16.52	16.67	16.66	19.68	19.78	19.83				
90	1	1	QPSK	18.34	18.00	18.53	18.03	18.12	18.09	21.20	21.07	21.33			22.46	0.1762
90	1	243		18.21	18.58	18.39	18.03	18.26	18.22	21.13	21.43	21.32				
90	120	60		18.31	18.47	18.60	18.12	18.28	18.29	21.23	21.39	21.46				
90	1	0		12.01	11.51	12.02	11.35	11.48	11.53	14.70	14.51	14.79				
90	1	244		11.62	11.92	11.79	11.49	11.61	11.58	14.57	14.78	14.70				
90	243	0		16.24	16.42	16.53	16.04	16.20	16.22	19.15	19.32	19.39				
90	1	1	16-QAM	16.99	16.88	17.33	16.62	16.85	16.79	19.82	19.88	20.08	21.08	0.1282		
90	1	1	64-QAM	15.45	14.89	15.61	15.04	14.84	15.06	18.26	17.88	18.35				
90	1	1	256-QAM	12.87	12.54	12.97	12.66	12.66	12.56	15.78	15.61	15.78				
Limit	EIRP < 23dBm/10MHz			Result									Pass			

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

NR n77_Part96 Maximum Average Power [dBm] (GT - LC = 1 dB)																
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)		
100	1	1	PI/2 BPSK	18.33	17.94	18.29	18.09	17.93	17.95	21.22	20.95	21.13	22.37	0.1726		
100	1	271		18.38	18.51	18.25	18.19	18.20	18.11	21.30	21.37	21.19				
100	135	67		18.38	18.42	18.41	18.14	18.16	18.19	21.27	21.30	21.31				
100	1	0		12.37	11.86	11.74	11.82	11.73	11.23	15.11	14.81	14.50				
100	1	272		12.21	12.33	12.11	11.96	12.00	11.94	15.10	15.18	15.04				
100	270	0		16.91	16.83	16.87	16.56	16.65	16.57	19.75	19.75	19.73				
100	1	1	QPSK	18.37	17.96	18.36	18.06	17.91	17.96	21.23	20.95	21.17			22.37	0.1726
100	1	271		18.47	18.47	18.28	18.24	18.22	18.17	21.37	21.36	21.24				
100	135	67		18.42	18.43	18.40	18.15	18.19	18.18	21.30	21.32	21.30				
100	1	0		12.01	11.49	11.96	11.40	11.23	11.43	14.73	14.37	14.71				
100	1	272		11.83	11.90	11.72	11.57	11.58	11.57	14.71	14.75	14.66				
100	270	0		16.32	16.40	16.30	16.12	16.20	16.16	19.23	19.31	19.24				
100	1	1	16-QAM	17.54	16.84	17.46	17.17	16.75	17.08	20.37	19.81	20.28	21.37	0.1371		
100	1	1	64-QAM	15.31	15.00	15.41	14.89	14.96	15.04	18.12	17.99	18.24				
100	1	1	256-QAM	12.84	12.45	12.84	12.58	12.44	12.50	15.72	15.46	15.68				
Limit	EIRP < 23dBm/10MHz			Result									Pass			

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

NR n78_Part96 Maximum Average Power [dBm] (GT - LC = 1 dB)																
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	PI/2 BPSK	18.32	18.18	18.08	18.07	18.08	18.20	21.21	21.14	21.15	22.31	0.1702		
10	1	22		18.25	18.09	18.14	18.07	18.12	18.20	21.17	21.12	21.18				
10	12	6		18.43	18.19	18.20	18.17	18.15	18.27	21.31	21.18	21.25				
10	1	0		12.23	12.17	12.15	11.75	11.89	12.18	15.01	15.04	15.18				
10	1	23		12.27	12.15	12.05	12.00	12.06	12.14	15.15	15.12	15.11				
10	24	0		16.88	16.69	16.64	16.59	16.62	16.71	19.75	19.67	19.69				
10	1	1	QPSK	18.30	18.16	18.07	18.06	18.06	18.19	21.19	21.12	21.14			22.31	0.1702
10	1	22		18.24	18.09	18.15	18.07	18.08	18.23	21.17	21.10	21.20				
10	12	6		18.43	18.18	18.21	18.16	18.12	18.33	21.31	21.16	21.28				
10	1	0		11.94	11.67	11.63	11.40	11.50	11.71	14.69	14.60	14.68				
10	1	23		11.86	11.63	11.61	11.49	11.50	11.64	14.69	14.58	14.64				
10	24	0		16.38	16.17	16.19	16.13	16.12	16.29	19.27	19.16	19.25				
10	1	1	16-QAM	17.26	17.00	17.17	17.05	16.92	17.22	20.17	19.97	20.21	21.21	0.1321		
10	1	1	64-QAM	15.38	15.21	15.06	15.18	15.07	15.14	18.29	18.15	18.11				
10	1	1	256-QAM	12.76	12.47	12.72	12.57	12.44	12.83	15.68	15.47	15.79				
Limit	EIRP < 23dBm/10MHz			Result									Pass			

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

NR n78_Part96 Maximum Average Power [dBm] (GT - LC = 1 dB)																
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	PI/2 BPSK	18.13	18.30	18.16	17.94	18.03	18.25	21.05	21.18	21.22	22.29	0.1694		
15	1	36		17.94	18.06	18.19	17.86	18.15	18.23	20.91	21.12	21.22				
15	18	9		18.14	18.27	18.23	17.89	18.22	18.33	21.03	21.26	21.29				
15	1	0		12.27	11.31	12.12	11.78	11.02	12.14	15.04	14.18	15.14				
15	1	37		12.01	12.09	12.07	11.69	11.99	12.17	14.86	15.05	15.13				
15	36	0		16.57	16.71	16.70	16.38	16.62	16.75	19.49	19.68	19.74				
15	1	1	QPSK	18.19	18.25	18.19	17.86	18.06	18.24	21.04	21.17	21.23			22.29	0.1694
15	1	36		17.97	18.09	18.15	17.91	18.08	18.24	20.95	21.10	21.21				
15	18	9		18.19	18.27	18.21	17.95	18.21	18.35	21.08	21.25	21.29				
15	1	0		11.84	11.75	11.65	11.31	11.50	11.69	14.59	14.64	14.68				
15	1	37		11.61	11.66	11.59	11.34	11.52	11.67	14.49	14.60	14.64				
15	36	0		16.18	16.23	16.20	15.93	16.19	16.32	19.07	19.22	19.27				
15	1	1	16-QAM	16.86	17.18	16.78	16.56	16.94	16.86	19.72	20.07	19.83	21.07	0.1279		
15	1	1	64-QAM	15.17	15.31	15.22	14.78	15.04	15.33	17.99	18.19	18.29				
15	1	1	256-QAM	12.67	12.64	12.73	12.46	12.45	12.77	15.58	15.56	15.76				
Limit	EIRP < 23dBm/10MHz			Result									Pass			

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

NR n78_Part96 Maximum Average Power [dBm] (GT - LC = 1 dB)																
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	PI/2 BPSK	18.20	18.37	18.33	17.99	18.08	18.21	21.11	21.24	21.28	22.28	0.1690		
20	1	49		17.98	18.13	18.14	17.93	18.21	18.14	20.97	21.18	21.15				
20	25	12		18.16	18.27	18.20	18.02	18.20	18.25	21.10	21.25	21.24				
20	1	0		12.27	12.31	12.29	11.85	12.02	12.08	15.08	15.18	15.20				
20	1	50		11.95	12.05	12.06	11.77	12.05	12.11	14.87	15.06	15.10				
20	50	0		16.65	16.76	16.63	16.41	16.70	16.66	19.54	19.74	19.66				
20	1	1	QPSK	18.19	18.36	18.29	17.89	18.13	18.17	21.05	21.26	21.24			22.28	0.1690
20	1	49		17.91	18.15	18.14	17.88	18.20	18.16	20.91	21.19	21.16				
20	25	12		18.11	18.20	18.24	18.01	18.20	18.29	21.07	21.21	21.28				
20	1	0		11.73	11.84	11.75	11.32	11.59	11.61	14.54	14.73	14.69				
20	1	50		11.54	11.69	11.61	11.37	11.61	11.67	14.47	14.66	14.65				
20	50	0		16.12	16.26	16.18	15.95	16.21	16.23	19.05	19.25	19.22				
20	1	1	16-QAM	16.94	17.41	17.01	16.58	17.16	16.94	19.77	20.30	19.99	21.30	0.1349		
20	1	1	64-QAM	15.29	15.50	15.17	14.94	15.25	15.09	18.13	18.39	18.14				
20	1	1	256-QAM	12.71	12.82	12.73	12.50	12.61	12.67	15.62	15.73	15.71				
Limit	EIRP < 23dBm/10MHz			Result									Pass			

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

NR n78_Part96 Maximum Average Power [dBm] (GT - LC = 1 dB)																
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	PI/2 BPSK	18.24	18.42	18.55	17.87	18.10	18.33	21.07	21.27	21.45	22.45	0.1758		
30	1	76		17.87	18.16	18.25	17.83	18.20	18.32	20.86	21.19	21.30				
30	36	18		17.99	18.27	18.35	17.91	18.18	18.23	20.96	21.24	21.30				
30	1	0		12.38	12.45	12.46	11.78	11.99	12.15	15.10	15.24	15.32				
30	1	77		11.91	12.11	12.12	11.68	12.18	12.19	14.81	15.16	15.17				
30	75	0		16.55	16.79	16.78	16.38	16.66	16.70	19.48	19.74	19.75				
30	1	1	QPSK	18.23	18.39	18.42	17.92	18.16	18.27	21.09	21.29	21.36			22.45	0.1758
30	1	76		17.89	18.12	18.25	17.90	18.19	18.29	20.91	21.17	21.28				
30	36	18		17.99	18.27	18.37	17.93	18.20	18.27	20.97	21.25	21.33				
30	1	0		11.83	11.94	11.90	11.39	11.59	11.68	14.63	14.78	14.80				
30	1	77		11.45	11.66	11.75	11.29	11.61	11.74	14.38	14.65	14.76				
30	75	0		16.00	16.29	16.37	15.95	16.24	16.28	18.99	19.28	19.34				
30	1	1	16-QAM	17.21	17.14	17.56	16.89	16.77	17.42	20.06	19.97	20.50	21.50	0.1413		
30	1	1	64-QAM	15.37	15.51	15.52	15.00	15.18	15.32	18.20	18.36	18.43				
30	1	1	256-QAM	12.40	12.91	12.95	11.98	12.66	12.82	15.21	15.80	15.90				
Limit	EIRP < 23dBm/10MHz			Result									Pass			

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

NR n78_Part96 Maximum Average Power [dBm] (GT - LC = 1 dB)																
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	PI/2 BPSK	18.31	18.49	18.56	18.04	18.21	18.35	21.19	21.36	21.47	22.47	0.1766		
40	1	104		18.18	18.34	18.27	18.07	18.37	18.30	21.14	21.37	21.30				
40	50	25		18.00	18.33	18.35	18.00	18.21	18.19	21.01	21.28	21.28				
40	1	0		12.49	12.51	12.52	11.96	12.12	12.26	15.24	15.33	15.40				
40	1	105		12.18	12.27	12.22	11.98	12.26	12.18	15.09	15.28	15.21				
40	100	0		16.61	16.79	16.85	16.39	16.66	16.63	19.51	19.74	19.75				
40	1	1	QPSK	18.34	18.47	18.55	18.05	18.25	18.26	21.21	21.37	21.42			22.47	0.1766
40	1	104		18.18	18.23	18.30	18.15	18.36	18.30	21.18	21.31	21.31				
40	50	25		18.00	18.36	18.38	18.03	18.28	18.25	21.03	21.33	21.33				
40	1	0		11.99	12.03	12.03	11.58	11.77	11.73	14.80	14.91	14.89				
40	1	105		11.74	11.80	11.74	11.54	11.77	11.70	14.65	14.80	14.73				
40	100	0		16.08	16.36	16.41	16.01	16.22	16.24	19.06	19.30	19.34				
40	1	1	16-QAM	17.41	17.44	17.27	17.10	17.18	17.03	20.27	20.32	20.16	21.32	0.1355		
40	1	1	64-QAM	15.49	15.35	15.59	15.11	15.09	15.34	18.31	18.23	18.48				
40	1	1	256-QAM	12.87	13.07	13.02	12.57	12.73	12.74	15.73	15.91	15.89				
Limit	EIRP < 23dBm/10MHz			Result									Pass			

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

NR n78_Part96 Maximum Average Power [dBm] (GT - LC = 1 dB)																
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)		
50	1	1	PI/2 BPSK	18.07	18.11	18.03	17.74	17.84	17.90	20.92	20.99	20.98	22.05	0.1603		
50	1	131		17.86	17.98	17.69	17.64	17.93	17.77	20.76	20.97	20.74				
50	64	32		17.74	18.05	18.08	17.70	18.03	17.97	20.73	21.05	21.04				
50	1	0		12.08	12.08	11.99	11.59	11.68	11.77	14.85	14.89	14.89				
50	1	132		11.92	11.87	11.69	11.52	11.76	11.65	14.73	14.83	14.68				
50	128	0		16.28	16.58	16.61	16.21	16.37	16.33	19.26	19.49	19.48				
50	1	1	QPSK	17.99	18.13	17.97	17.78	17.90	17.89	20.90	21.03	20.94			22.05	0.1603
50	1	131		17.83	17.91	17.72	17.70	17.92	17.81	20.78	20.93	20.78				
50	64	32		17.76	18.06	18.10	17.75	17.99	17.97	20.77	21.04	21.05				
50	1	0		11.64	11.54	11.53	11.19	11.31	11.40	14.43	14.44	14.48				
50	1	132		11.33	11.40	11.23	11.10	11.36	11.22	14.23	14.39	14.24				
50	128	0		15.81	16.03	15.97	15.74	16.01	15.86	18.79	19.03	18.93				
50	1	1	16-QAM	16.90	17.07	16.95	16.66	16.83	16.69	19.79	19.96	19.83	20.96	0.1247		
50	1	1	64-QAM	14.90	14.91	15.10	14.66	14.76	14.89	17.79	17.85	18.01				
50	1	1	256-QAM	12.58	12.54	12.55	12.23	12.32	12.44	15.42	15.44	15.51				
Limit	EIRP < 23dBm/10MHz			Result									Pass			

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

NR n78_Part96 Maximum Average Power [dBm] (GT - LC = 1 dB)																
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)		
60	1	1	PI/2 BPSK	17.98	17.92	17.86	17.66	17.76	17.88	20.83	20.85	20.88	22.13	0.1633		
60	1	160		18.06	18.02	17.93	17.71	17.96	17.97	20.90	21.00	20.96				
60	81	40		17.78	18.07	18.13	17.87	17.97	18.08	20.84	21.03	21.12				
60	1	0		11.93	11.94	11.97	11.48	11.64	11.59	14.72	14.80	14.79				
60	1	161		12.03	11.93	12.01	11.61	11.82	11.76	14.84	14.89	14.90				
60	162	0		16.38	16.51	16.54	16.19	16.40	16.50	19.30	19.47	19.53				
60	1	1	QPSK	17.89	17.83	17.86	17.70	17.73	17.90	20.81	20.79	20.89			22.13	0.1633
60	1	160		18.12	18.03	17.88	17.85	17.96	18.01	21.00	21.01	20.96				
60	81	40		17.82	18.09	18.17	17.82	18.02	18.07	20.83	21.07	21.13				
60	1	0		11.57	11.42	11.32	11.15	11.12	11.32	14.38	14.28	14.33				
60	1	161		11.61	11.52	11.32	11.21	11.42	11.35	14.42	14.48	14.35				
60	162	0		15.90	16.03	16.08	15.80	15.97	16.00	18.86	19.01	19.05				
60	1	1	16-QAM	16.65	16.69	16.79	16.45	16.50	16.84	19.56	19.61	19.83	20.83	0.1211		
60	1	1	64-QAM	14.97	14.87	14.91	14.68	14.72	14.99	17.84	17.81	17.96				
60	1	1	256-QAM	12.45	12.26	12.36	12.20	12.13	12.41	15.34	15.21	15.40				
Limit	EIRP < 23dBm/10MHz			Result									Pass			

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

NR n78_Part96 Maximum Average Power [dBm] (GT - LC = 1 dB)																
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)		
70	1	1	PI/2 BPSK	18.02	17.82	17.83	17.72	17.75	17.88	20.88	20.80	20.87	22.17	0.1648		
70	1	187		17.75	18.01	17.87	17.65	17.85	17.95	20.71	20.94	20.92				
70	90	45		17.79	18.12	18.21	17.69	17.92	18.02	20.75	21.03	21.13				
70	1	0		12.04	11.80	11.90	11.57	11.59	11.75	14.82	14.71	14.84				
70	1	188		11.78	11.99	11.86	11.52	11.76	11.83	14.66	14.89	14.86				
70	180	0		16.36	16.52	16.55	16.12	16.38	16.51	19.25	19.46	19.54				
70	1	1	QPSK	18.02	17.82	17.89	17.74	17.71	17.92	20.89	20.78	20.92			22.17	0.1648
70	1	187		17.76	17.96	17.81	17.63	17.92	17.98	20.71	20.95	20.91				
70	90	45		17.83	18.10	18.22	17.73	17.95	18.09	20.79	21.04	21.17				
70	1	0		11.60	11.43	11.39	11.19	11.21	11.31	14.41	14.33	14.36				
70	1	188		11.38	11.54	11.41	11.07	11.33	11.41	14.24	14.45	14.42				
70	180	0		15.95	16.07	16.10	15.65	15.91	16.03	18.81	19.00	19.08				
70	1	1	16-QAM	17.00	16.54	16.82	16.69	16.47	16.86	19.86	19.52	19.85	20.86	0.1219		
70	1	1	64-QAM	15.10	14.93	14.86	14.78	14.82	14.90	17.95	17.89	17.89				
70	1	1	256-QAM	12.07	12.38	12.40	11.64	12.27	12.46	14.87	15.34	15.44				
Limit	EIRP < 23dBm/10MHz			Result									Pass			

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

NR n78_Part96 Maximum Average Power [dBm] (GT - LC = 1 dB)																
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)		
80	1	1	PI/2 BPSK	17.89	17.71	17.97	17.62	17.76	17.77	20.77	20.75	20.88	22.06	0.1607		
80	1	215		17.75	18.11	17.87	17.80	17.89	17.88	20.79	21.01	20.89				
80	108	54		17.93	18.07	18.11	17.83	18.00	17.99	20.89	21.05	21.06				
80	1	0		12.01	11.67	12.05	11.54	11.55	11.70	14.79	14.62	14.89				
80	1	216		11.77	12.01	11.79	11.62	11.81	11.77	14.71	14.92	14.79				
80	216	0		16.31	16.48	16.49	16.20	16.37	16.33	19.27	19.44	19.42				
80	1	1	QPSK	17.97	17.72	17.89	17.71	17.81	17.77	20.85	20.78	20.84			22.06	0.1607
80	1	215		17.82	18.18	17.74	17.89	17.88	17.87	20.87	21.04	20.82				
80	108	54		17.97	18.07	18.02	17.88	17.96	18.01	20.94	21.03	21.03				
80	1	0		11.52	11.33	11.52	11.08	11.16	11.22	14.32	14.26	14.38				
80	1	216		11.27	11.60	11.29	11.26	11.37	11.32	14.28	14.50	14.32				
80	216	0		15.92	16.02	16.01	15.80	15.94	15.91	18.87	18.99	18.97				
80	1	1	16-QAM	16.64	16.67	16.73	16.42	16.65	16.57	19.54	19.67	19.66	20.67	0.1167		
80	1	1	64-QAM	14.88	14.75	14.91	14.64	14.76	14.77	17.77	17.77	17.85				
80	1	1	256-QAM	12.37	12.24	12.52	12.17	12.29	12.36	15.28	15.28	15.45				
Limit	EIRP < 23dBm/10MHz			Result									Pass			

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

NR n78_Part96 Maximum Average Power [dBm] (GT - LC = 1 dB)														
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)
90	1	1	PI/2 BPSK	17.92	17.58	17.97	17.63	17.70	17.77	20.79	20.65	20.88	22.13	0.1633
90	1	243		17.66	18.17	17.94	17.72	18.06	17.95	20.70	21.13	20.96		
90	120	60		17.91	18.14	18.14	17.74	18.06	18.09	20.84	21.11	21.13		
90	1	0		12.11	12.06	12.03	11.52	11.54	11.57	14.84	14.82	14.82		
90	1	244		11.68	11.76	11.89	11.61	11.72	11.87	14.66	14.75	14.89		
90	243	0		16.29	16.52	16.54	16.09	16.39	16.41	19.20	19.47	19.49		
90	1	1	QPSK	17.95	17.50	17.96	17.68	17.58	17.76	20.83	20.55	20.87		
90	1	243		17.59	18.18	17.89	17.75	18.02	18.00	20.68	21.11	20.96		
90	120	60		17.92	18.09	18.04	17.78	17.94	18.06	20.86	21.03	21.06		
90	1	0		11.57	11.14	11.57	11.08	11.04	11.21	14.34	14.10	14.40		
90	1	244		11.16	11.66	11.45	11.19	11.43	11.42	14.19	14.56	14.45		
90	243	0		15.86	15.99	16.03	15.68	15.88	15.98	18.78	18.95	19.02		
90	1	1	16-QAM	16.88	16.51	16.61	16.53	16.61	16.35	19.72	19.57	19.49	20.72	0.1180
90	1	1	64-QAM	15.02	14.67	15.08	14.73	14.76	14.83	17.89	17.73	17.97		
90	1	1	256-QAM	12.45	11.97	12.54	12.17	12.12	12.33	15.32	15.06	15.45		
Limit	EIRP < 23dBm/10MHz			Result									Pass	

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

NR n78_Part96 Maximum Average Power [dBm] (GT - LC = 1 dB)																
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)		
100	1	1	PI/2 BPSK	17.91	17.47	17.95	17.61	17.62	17.71	20.77	20.56	20.84	22.11	0.1626		
100	1	271		17.84	18.12	17.95	17.94	18.01	17.96	20.90	21.08	20.97				
100	135	67		17.97	18.09	17.96	17.84	18.02	17.97	20.92	21.07	20.98				
100	1	0		11.91	11.63	12.06	11.47	11.45	11.55	14.71	14.55	14.82				
100	1	272		11.90	12.03	11.84	11.83	11.84	11.83	14.88	14.95	14.85				
100	270	0		16.36	16.46	16.41	16.19	16.32	16.37	19.29	19.40	19.40				
100	1	1	QPSK	17.91	17.51	17.98	17.65	17.70	17.66	20.79	20.62	20.83			22.11	0.1626
100	1	271		17.86	18.16	17.76	17.93	18.03	17.93	20.91	21.11	20.86				
100	135	67		18.00	18.02	18.01	17.87	17.93	18.01	20.95	20.99	21.02				
100	1	0		11.54	11.10	11.65	11.07	11.08	11.11	14.32	14.10	14.40				
100	1	272		11.32	11.68	11.29	11.38	11.45	11.40	14.36	14.58	14.36				
100	270	0		15.91	15.91	16.04	15.78	15.84	15.94	18.86	18.89	19.00				
100	1	1	16-QAM	16.55	16.54	16.90	16.30	16.68	16.52	19.44	19.62	19.72	20.72	0.1180		
100	1	1	64-QAM	14.99	14.63	15.09	14.64	14.74	14.75	17.83	17.70	17.93				
100	1	1	256-QAM	12.42	11.87	12.48	12.09	12.00	12.18	15.27	14.95	15.34				
Limit	EIRP < 23dBm/10MHz			Result									Pass			

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

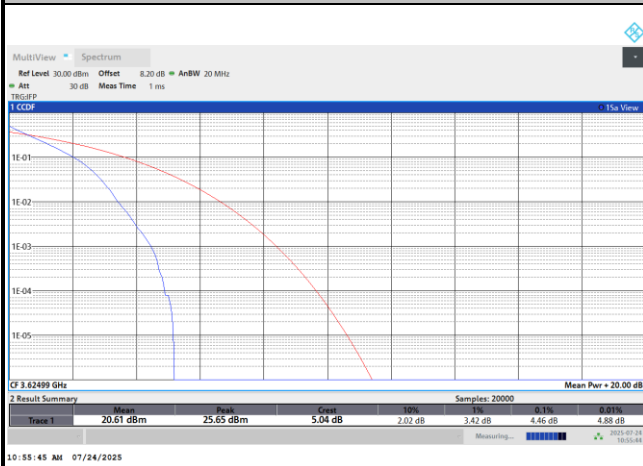
**FR1 n48****<SISO Mode>****Peak-to-Average Ratio**

Mode	FR1 n48 / 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	4.46	5.10	6.02	6.38	PASS
Mode	FR1 n48 / 20MHz / DFT-S OFDM				
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
Middle CH	6.48				PASS

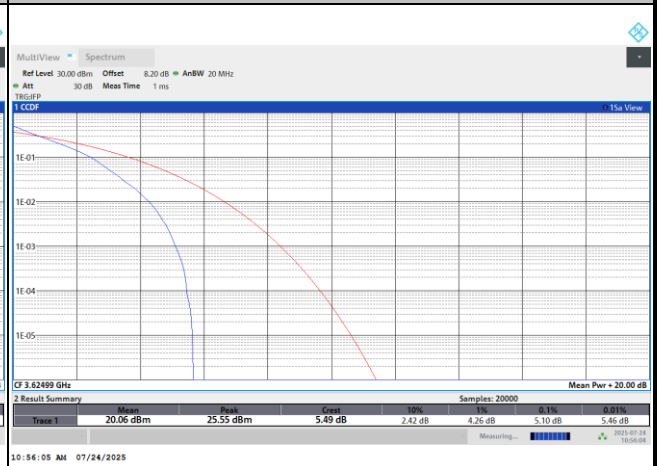


FR1 n48 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

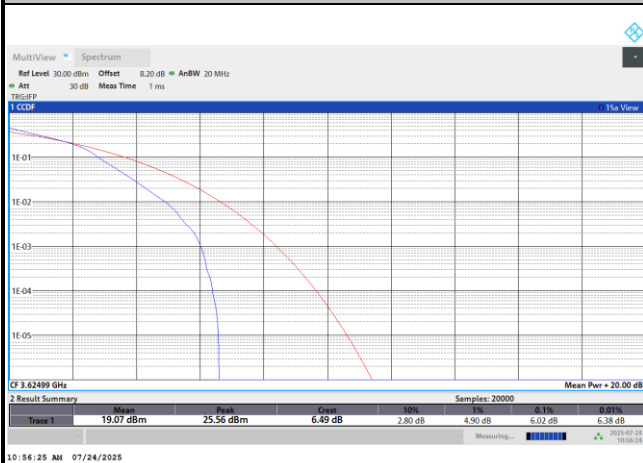
PI/2 BPSK



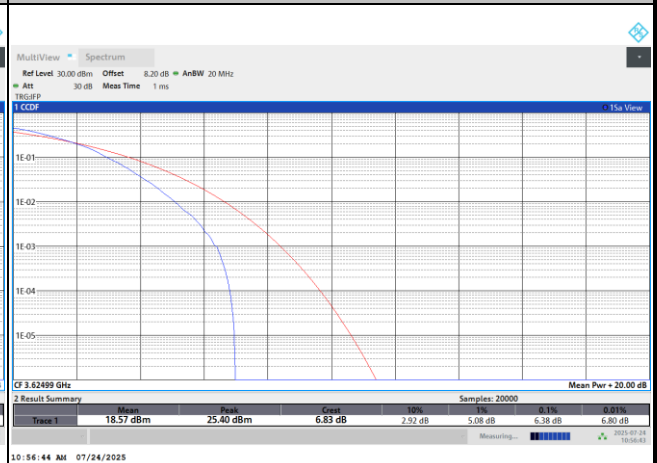
QPSK



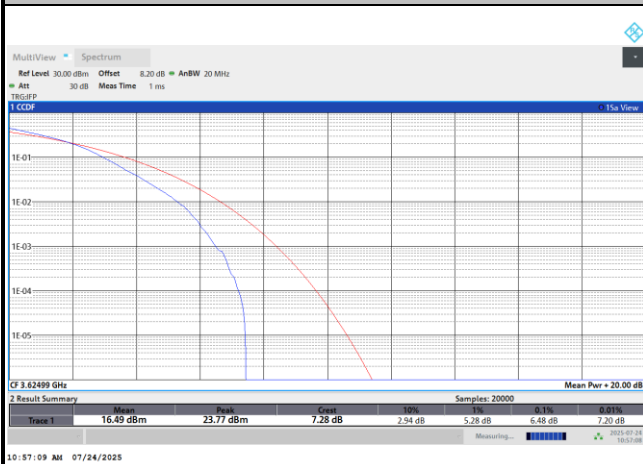
16QAM



64QAM



256QAM



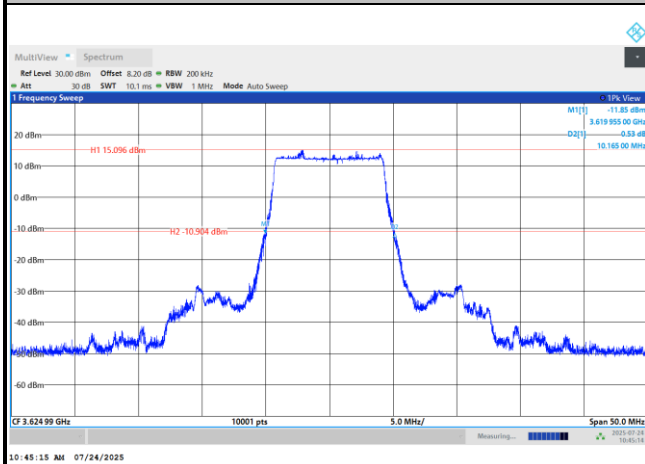
**26dB Bandwidth**

Mode	FR1 n48 : 26dB BW(MHz) / DFT-S OFDM							
BW	10MHz		15MHz		20MHz		30MHz	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	10.16	10.21	-	-	19.90	20.08	29.72	29.83
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	10.13		-		19.90		29.84	
BW	40MHz							
Mod.	PI/2 BPSK	QPSK						
Middle CH	38.69	38.64						
Mod.	16QAM							
Middle CH	38.86							

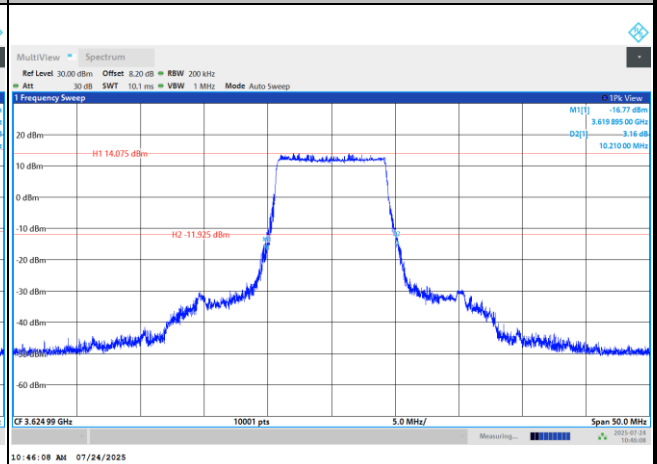


FR1 n48 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

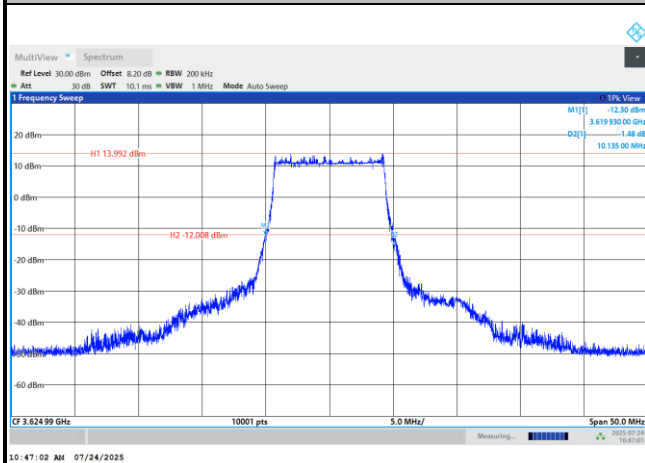
PI/2 BPSK



QPSK



16QAM

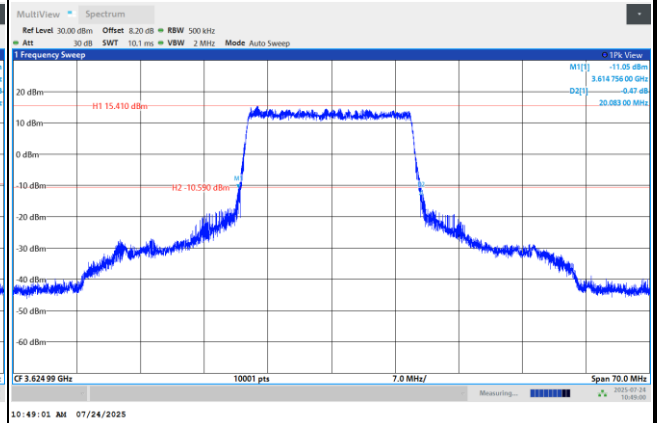
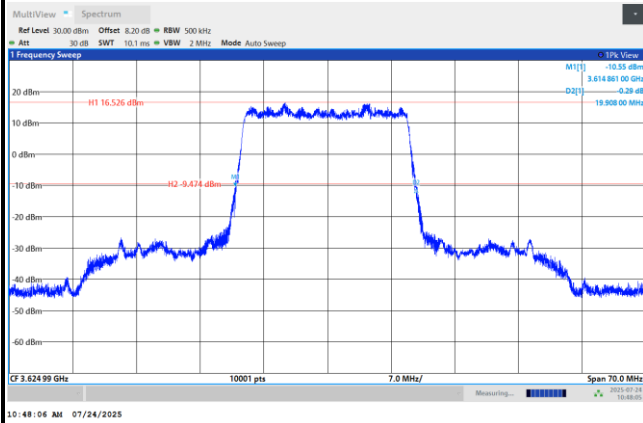




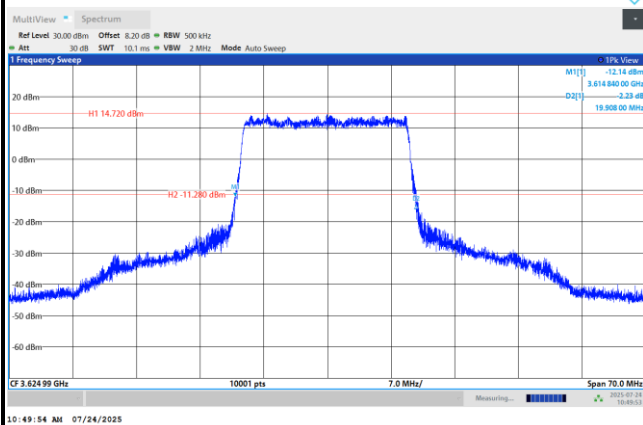
FR1 n48 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

QPSK



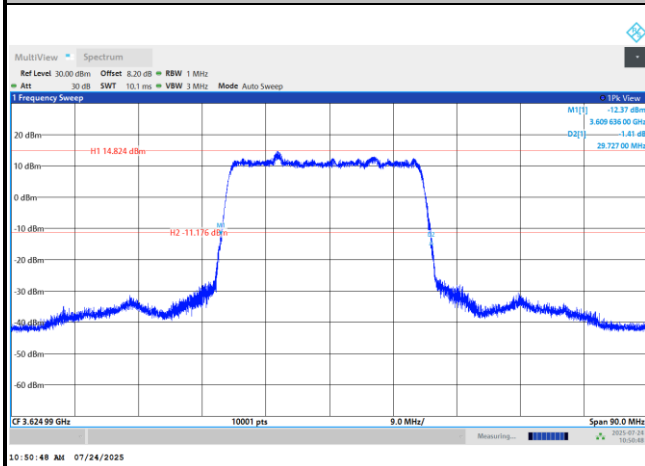
16QAM



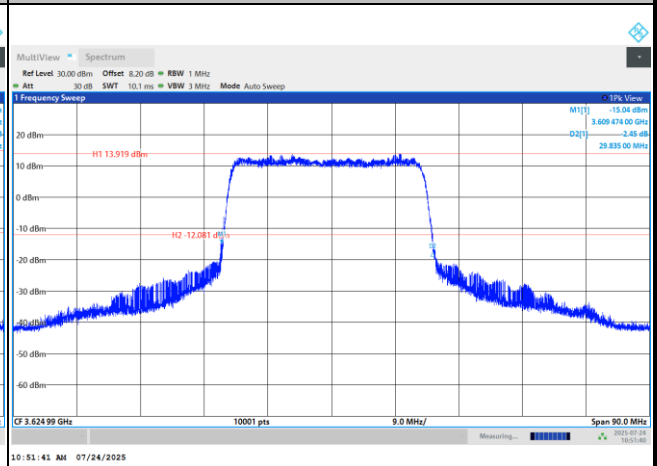


FR1 n48 / 30MHz / DFT-S OFDM / Middle Channel / Full RB

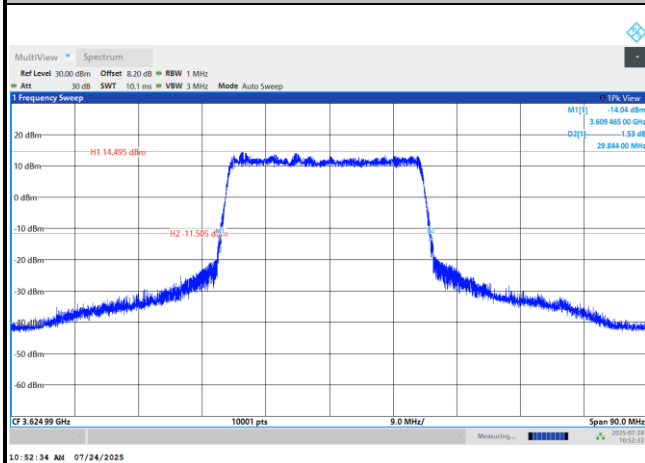
PI/2 BPSK



QPSK



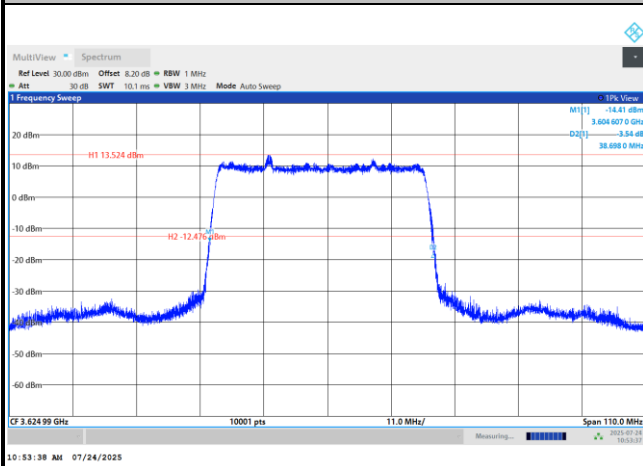
16QAM



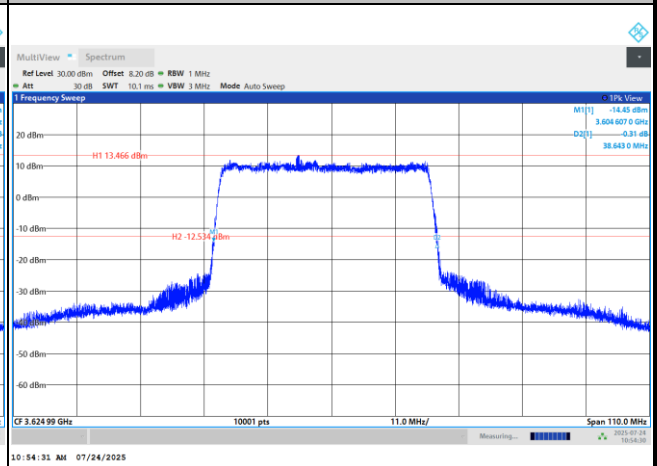


FR1 n48 / 40MHz / DFT-S OFDM / Middle Channel / Full RB

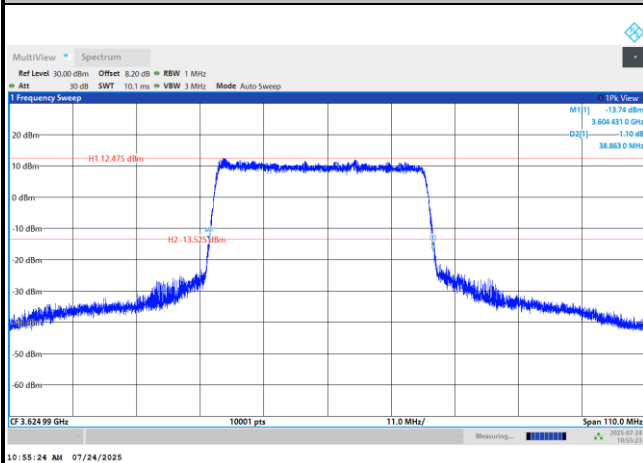
PI/2 BPSK



QPSK



16QAM



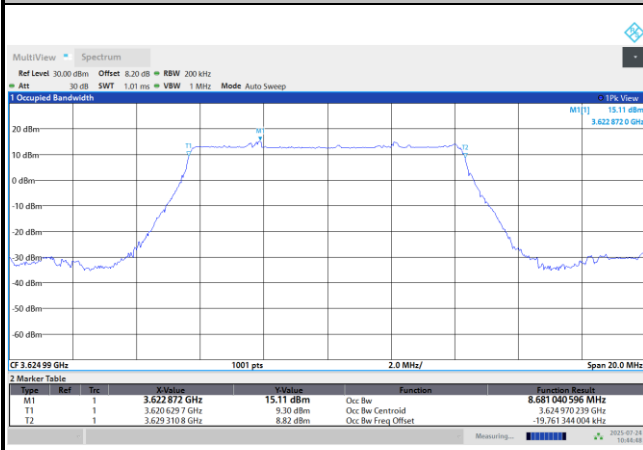
**Occupied Bandwidth**

Mode	FR1 n48 : 99%OBW(MHz) / DFT-S OFDM							
BW	10MHz		15MHz		20MHz		30MHz	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	8.68	8.67	-	-	18.05	18.09	27.21	27.24
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	8.71		-		18.11		27.32	
BW	40MHz							
Mod.	PI/2 BPSK	QPSK						
Middle CH	35.93	36.03						
Mod.	16QAM							
Middle CH	36.07							

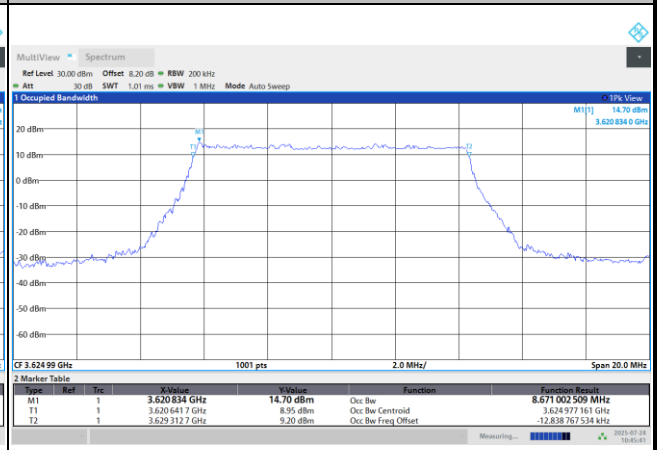


FR1 n48 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

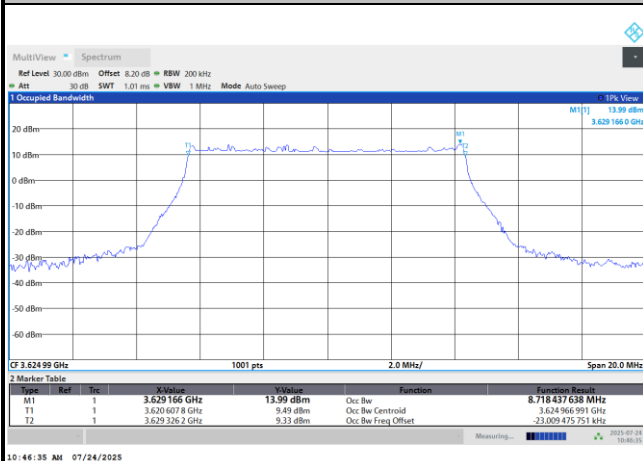
PI/2 BPSK



QPSK



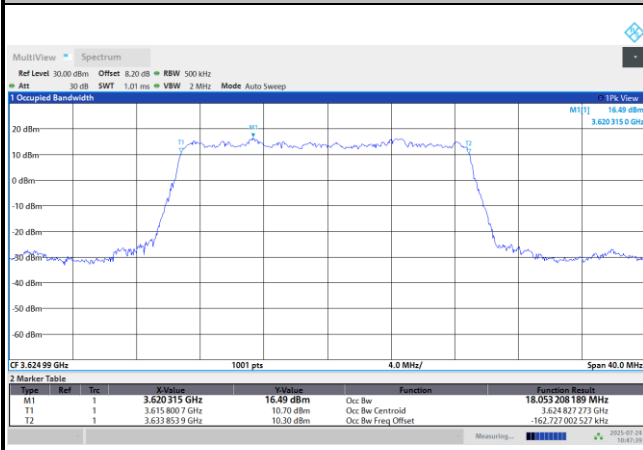
16QAM





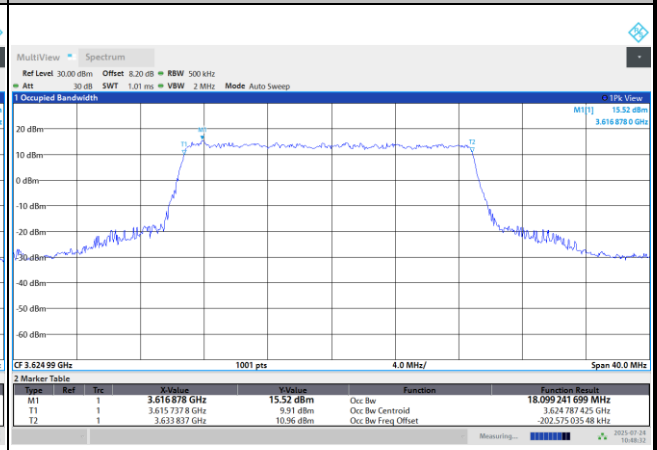
FR1 n48 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



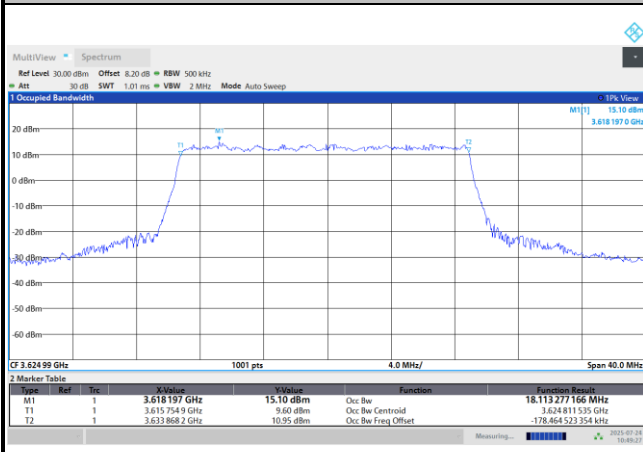
10:47:40 AM 07/24/2025

QPSK



10:48:33 AM 07/24/2025

16QAM

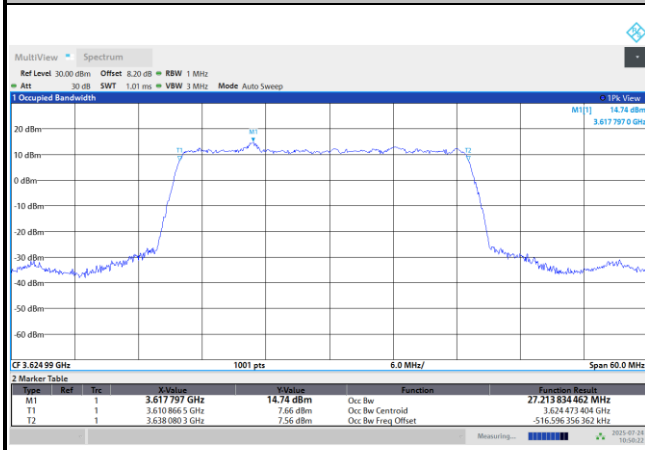


10:49:28 AM 07/24/2025



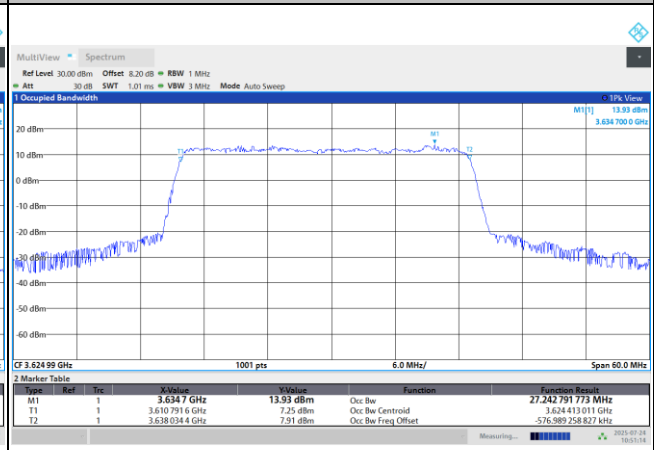
FR1 n48 / 30MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



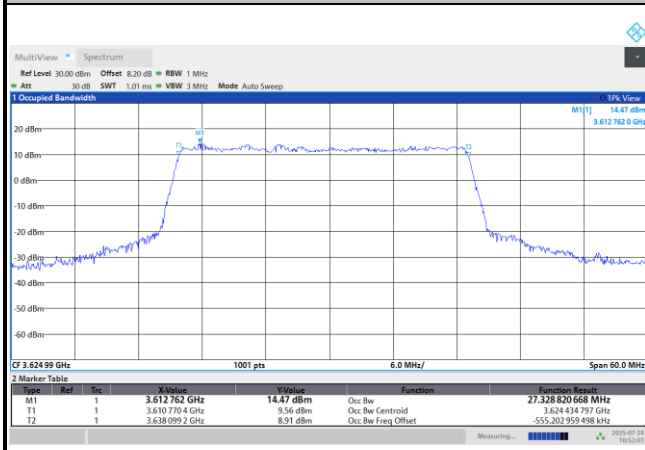
10:50:22 AM 07/24/2025

QPSK



10:51:15 AM 07/24/2025

16QAM



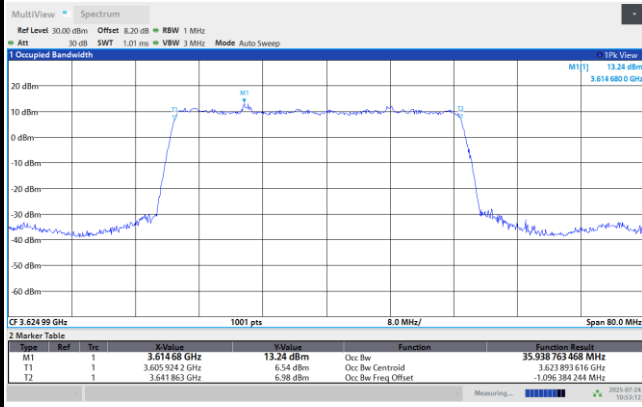
10:52:08 AM 07/24/2025



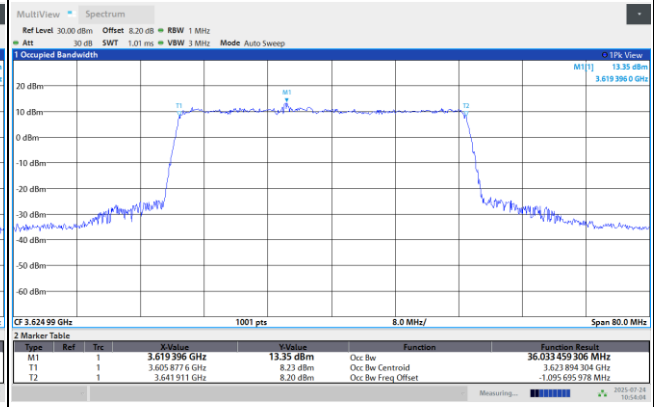
FR1 n48 / 40MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

QPSK

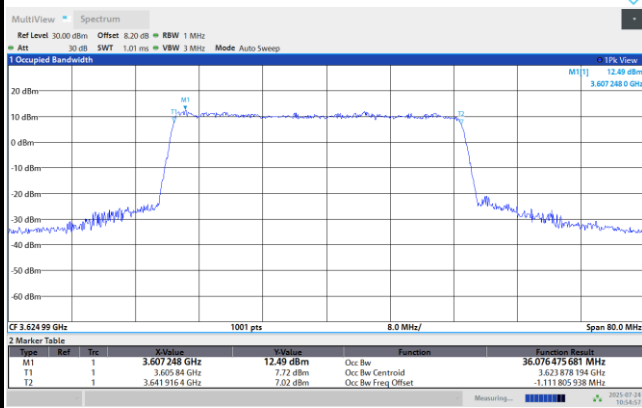


10:53:12 AM 07/24/2025



10:54:05 AM 07/24/2025

16QAM



10:54:58 AM 07/24/2025



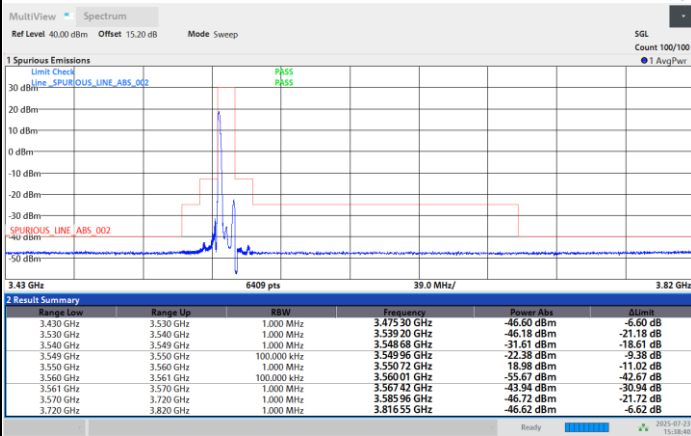
Unwanted Emission (MASK)

FR1 n48 / 10MHz / DFT-S OFDM / PI/2 BPSK

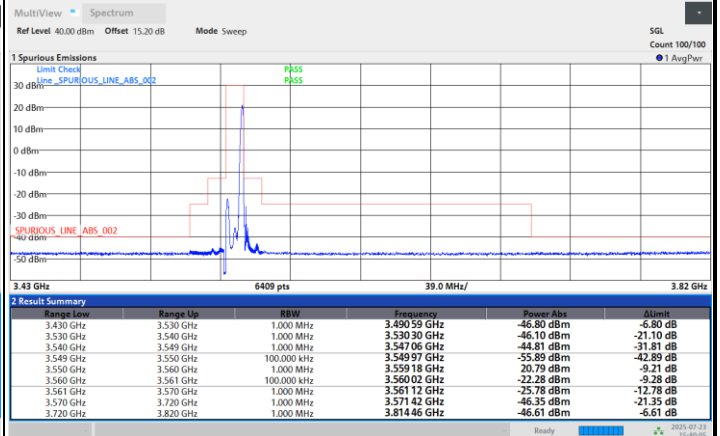
Lowest Channel

1RB0

1RBmax

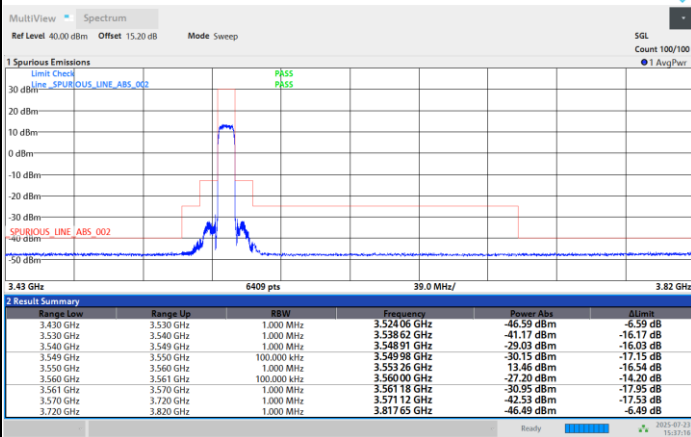


03:38:41 PM 07/23/2025



03:40:05 PM 07/23/2025

Full RB



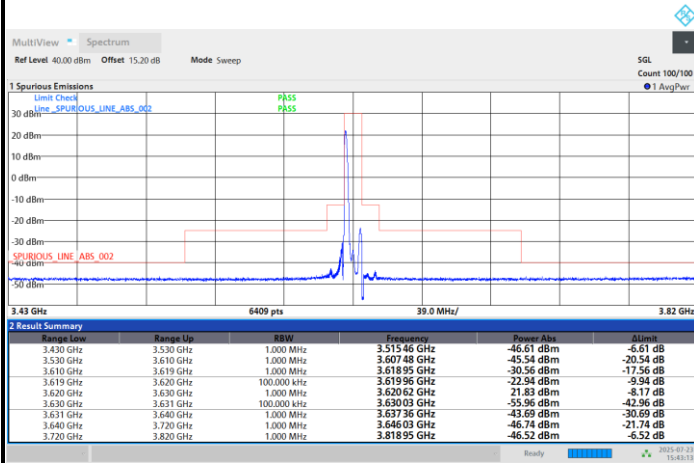
03:37:16 PM 07/23/2025



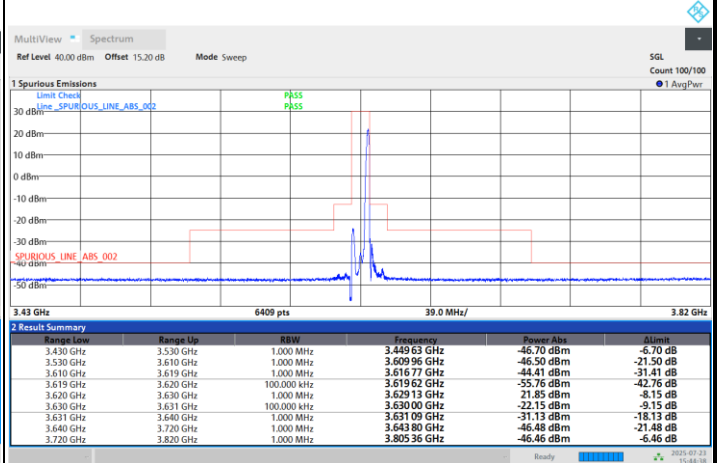
FR1 n48 / 10MHz / DFT-S OFDM / PI/2 BPSK

Middle Channel

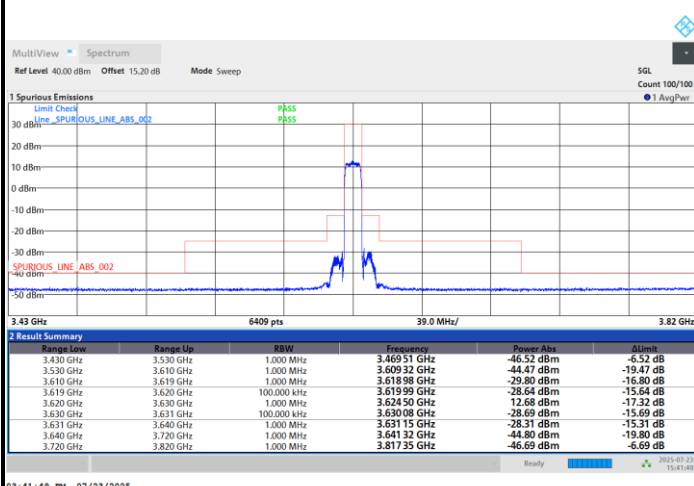
1RB0



1RBmax



Full RB

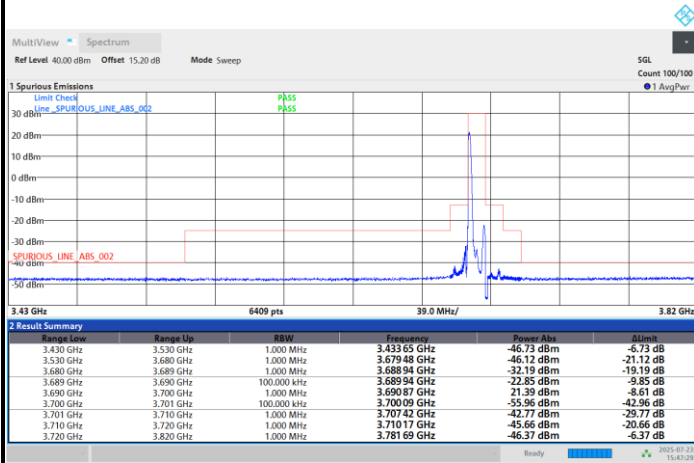




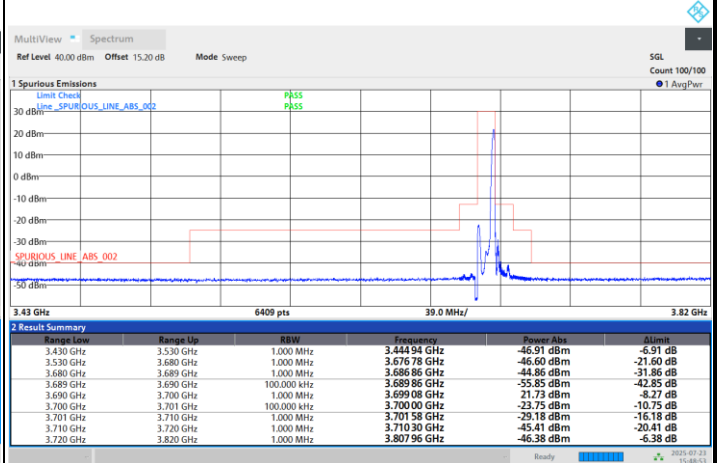
FR1 n48 / 10MHz / DFT-S OFDM / PI/2 BPSK

Highest Channel

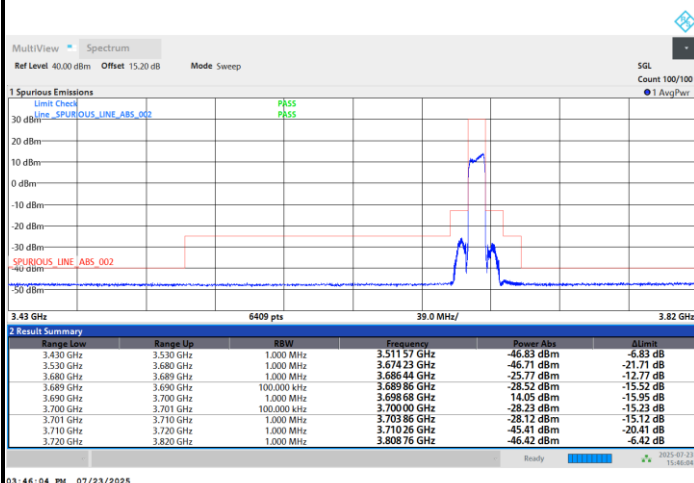
1RB0



1RBmax



Full RB

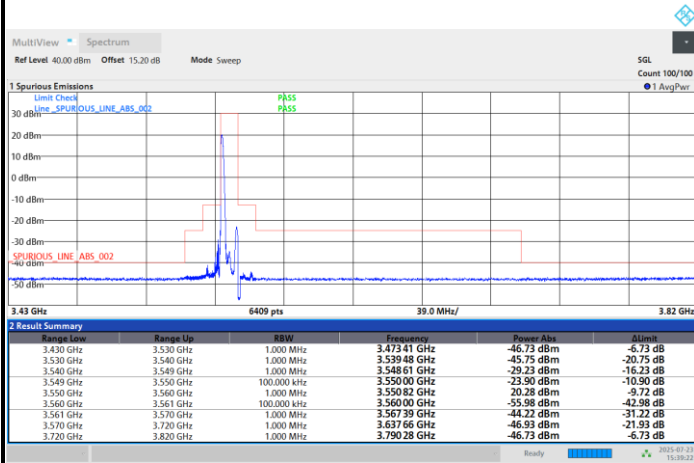




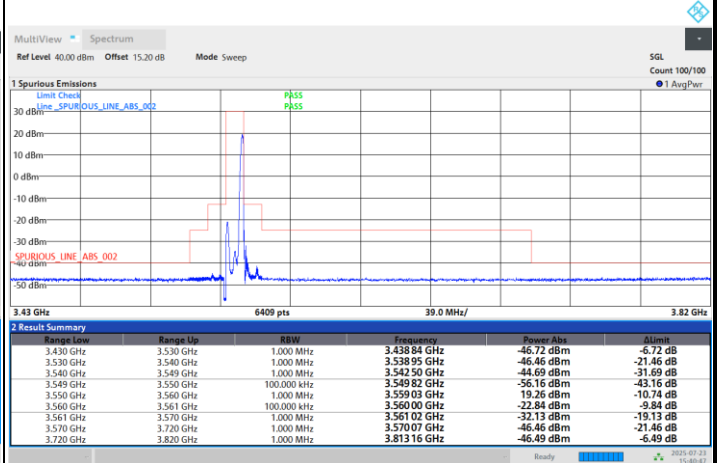
FR1 n48 / 10MHz / DFT-S OFDM / QPSK

Lowest Channel

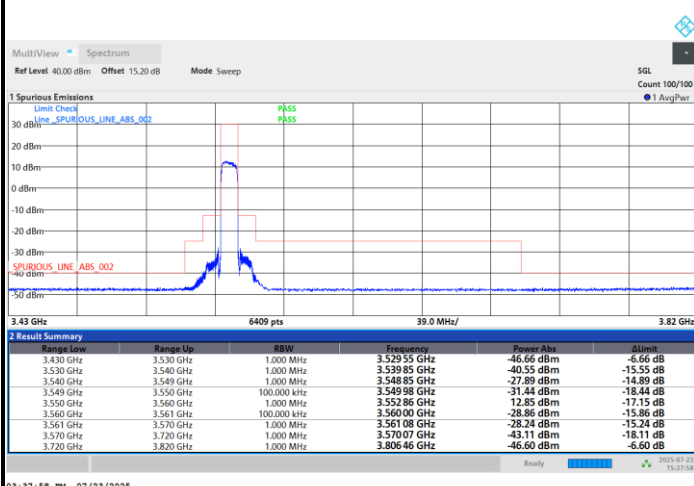
1RB0



1RBmax



Full RB

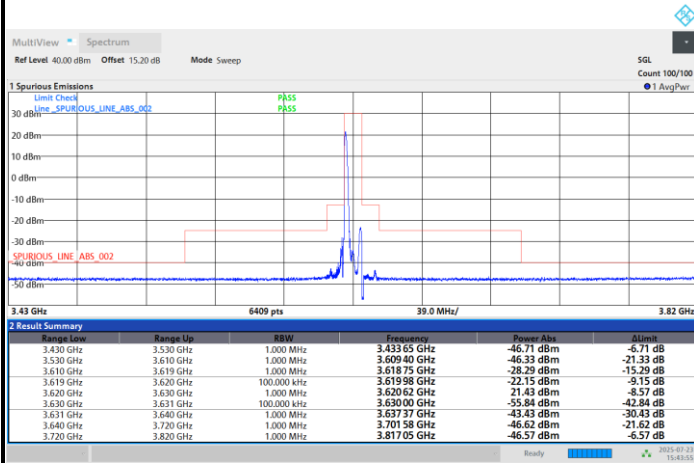




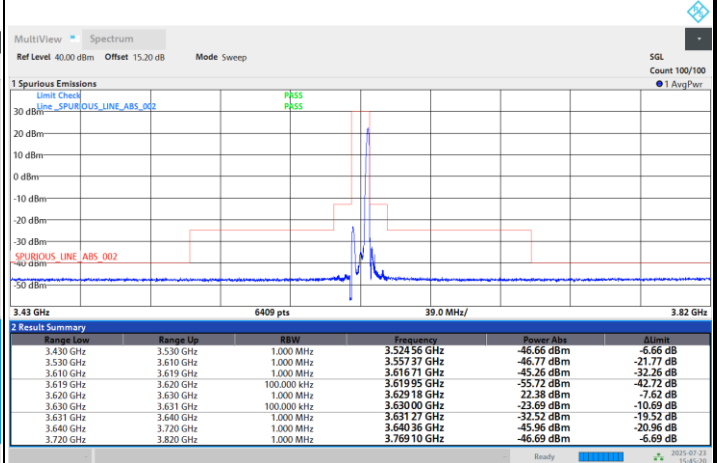
FR1 n48 / 10MHz / DFT-S OFDM / QPSK

Middle Channel

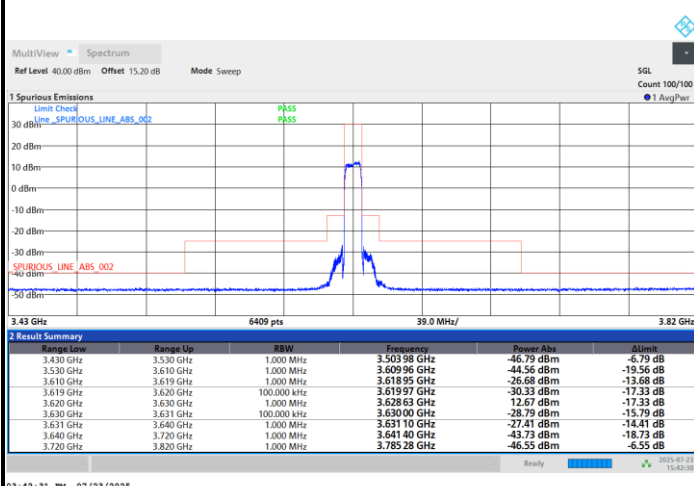
1RB0



1RBmax



Full RB

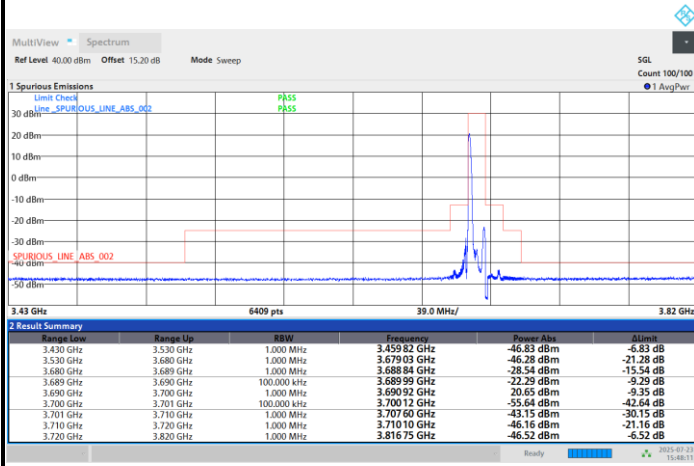




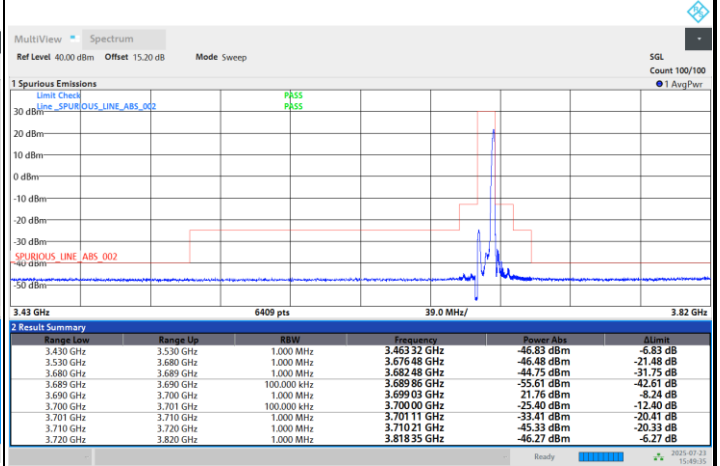
FR1 n48 / 10MHz / DFT-S OFDM / QPSK

Highest Channel

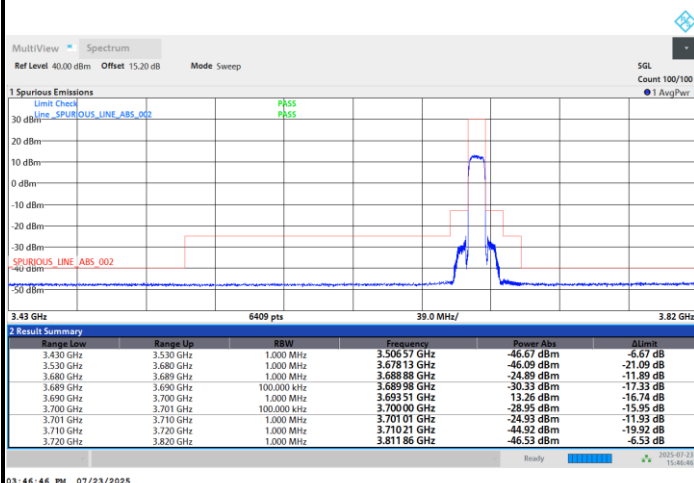
1RB0



1RBmax



Full RB

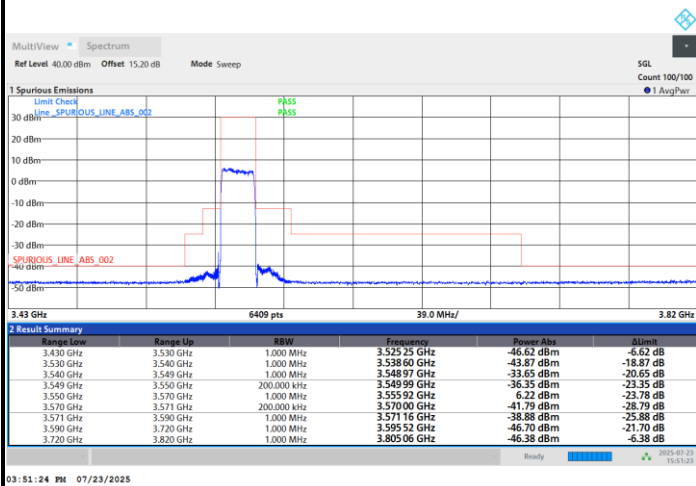




FR1 n48 / 20MHz / DFT-S OFDM / PI/2 BPSK

Lowest Channel

Full RB

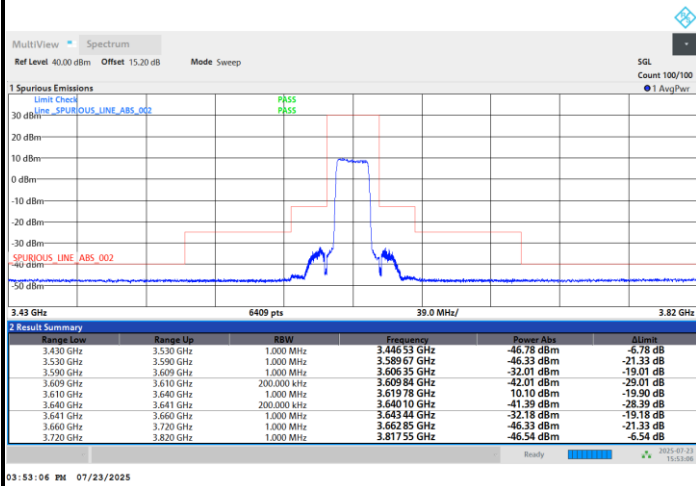




FR1 n48 / 20MHz / DFT-S OFDM / PI/2 BPSK

Middle Channel

Full RB

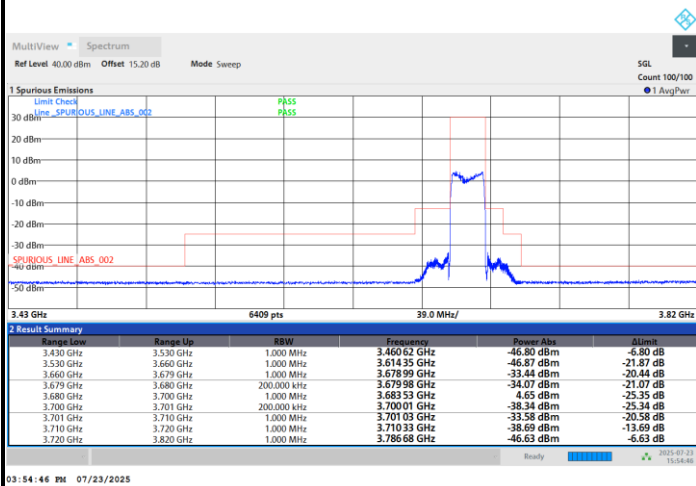




FR1 n48 / 20MHz / DFT-S OFDM / PI/2 BPSK

Highest Channel

Full RB

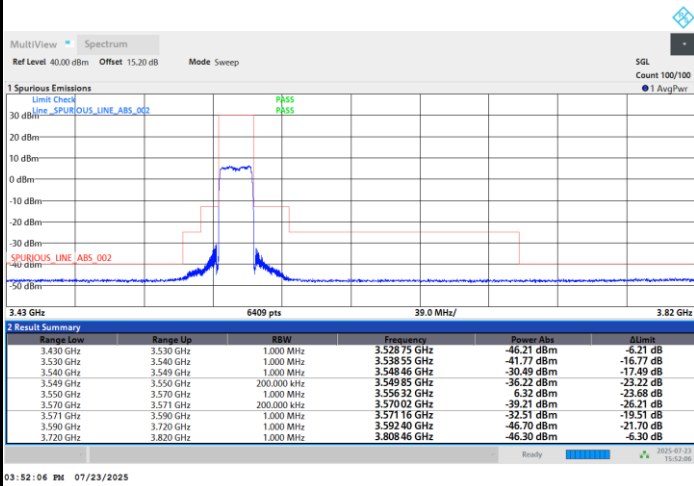




FR1 n48 / 20MHz / DFT-S OFDM / QPSK

Lowest Channel

Full RB

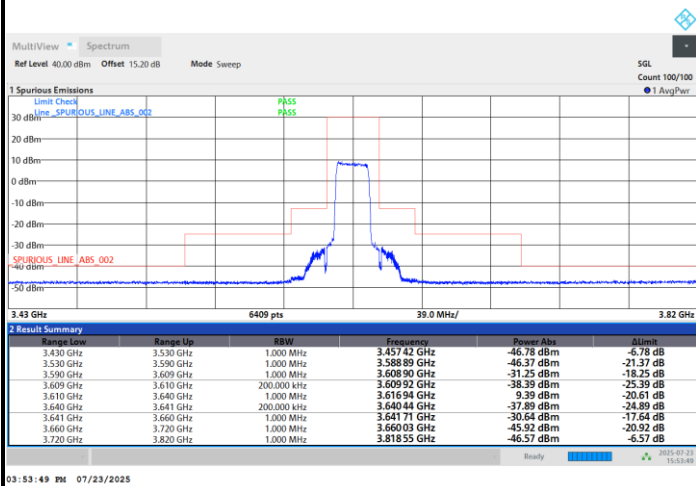




FR1 n48 / 20MHz / DFT-S OFDM / QPSK

Middle Channel

Full RB

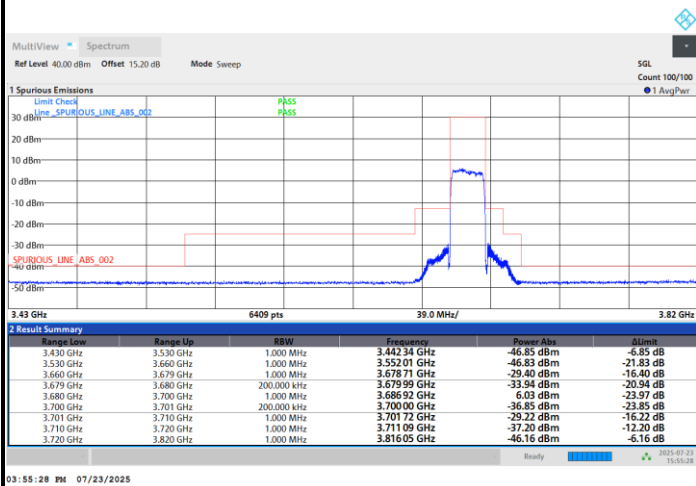




FR1 n48 / 20MHz / DFT-S OFDM / QPSK

Highest Channel

Full RB

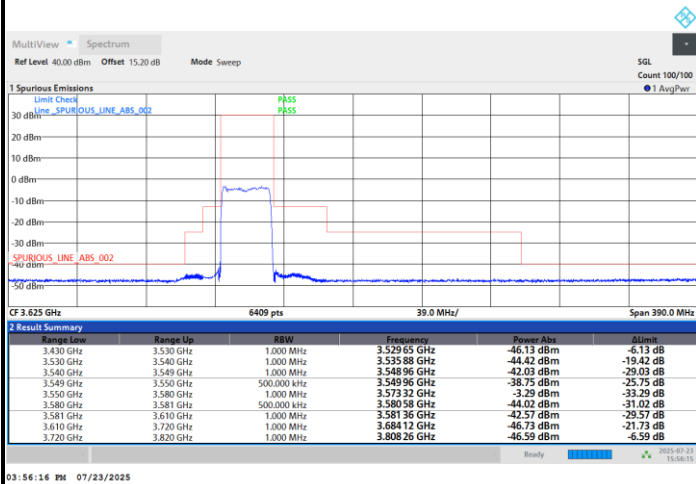




FR1 n48 / 30MHz / DFT-S OFDM / PI/2 BPSK

Lowest Channel

Full RB

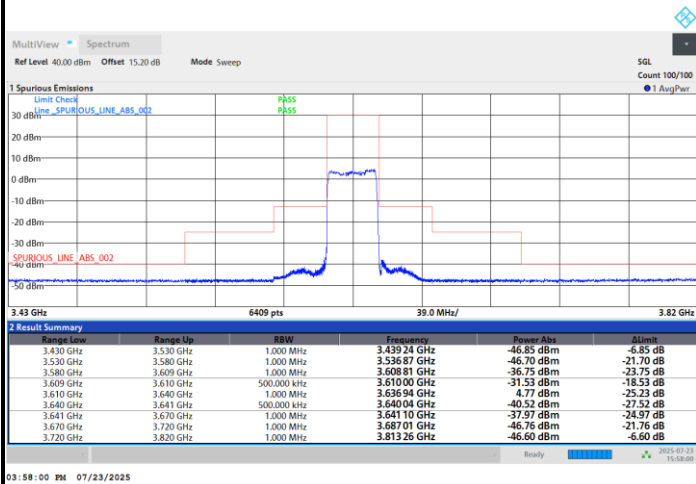




FR1 n48 / 30MHz / DFT-S OFDM / PI/2 BPSK

Middle Channel

Full RB

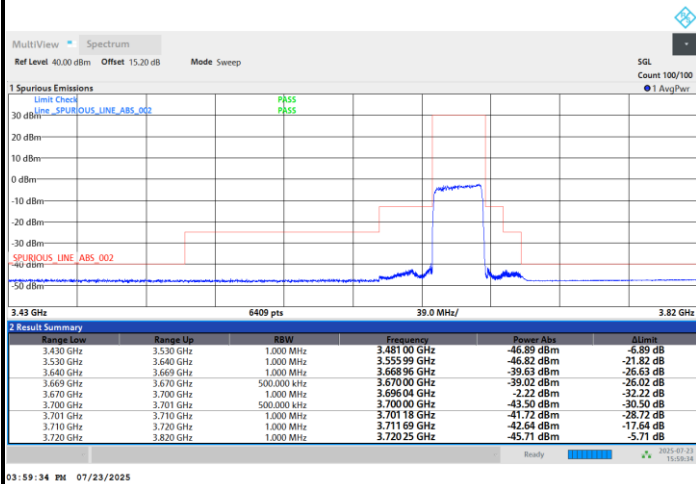




FR1 n48 / 30MHz / DFT-S OFDM / PI/2 BPSK

Highest Channel

Full RB

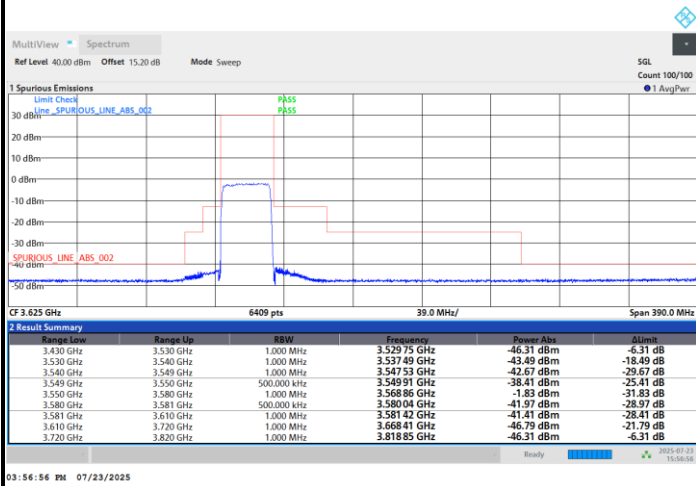




FR1 n48 / 30MHz / DFT-S OFDM / QPSK

Lowest Channel

Full RB

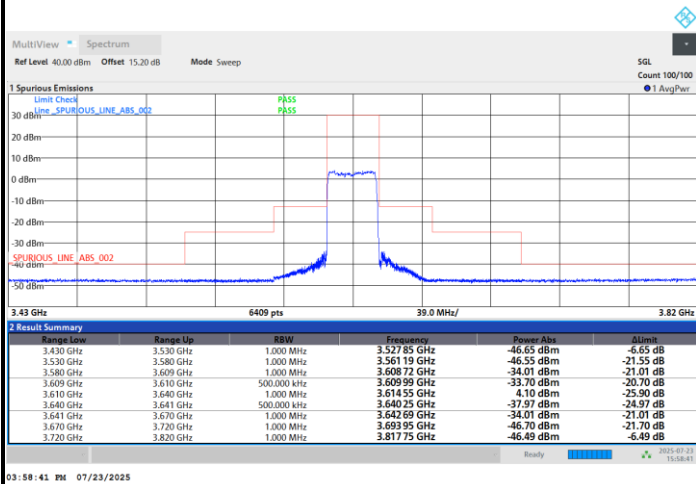




FR1 n48 / 30MHz / DFT-S OFDM / QPSK

Middle Channel

Full RB

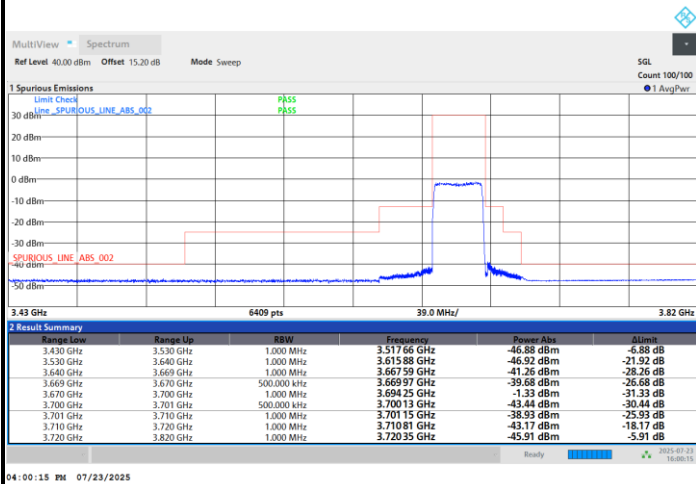




FR1 n48 / 30MHz / DFT-S OFDM / QPSK

Highest Channel

Full RB

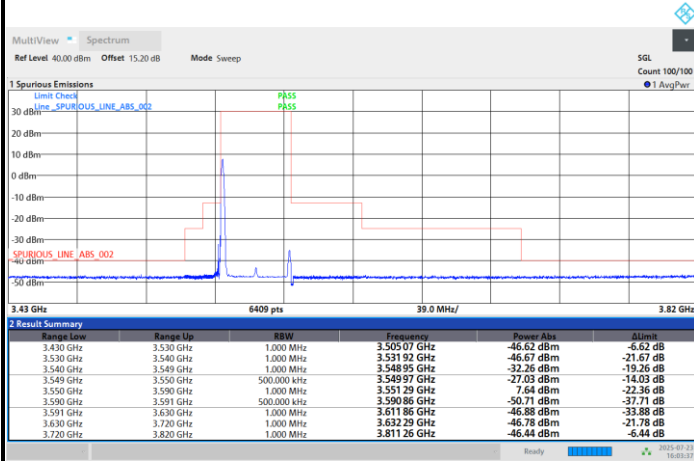




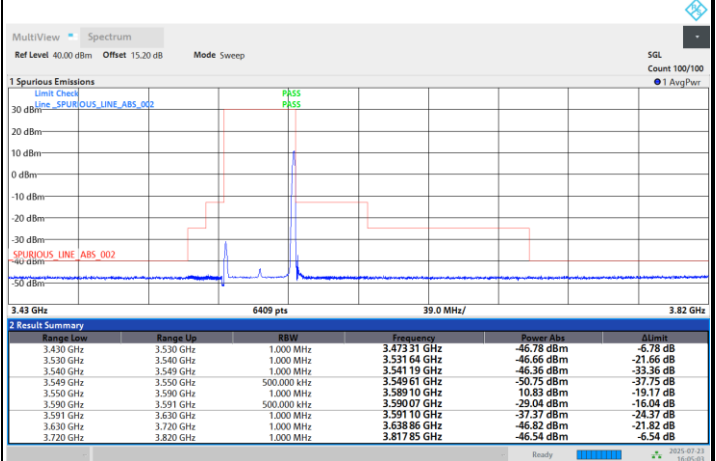
FR1 n48 / 40MHz / DFT-S OFDM / PI/2 BPSK

Lowest Channel

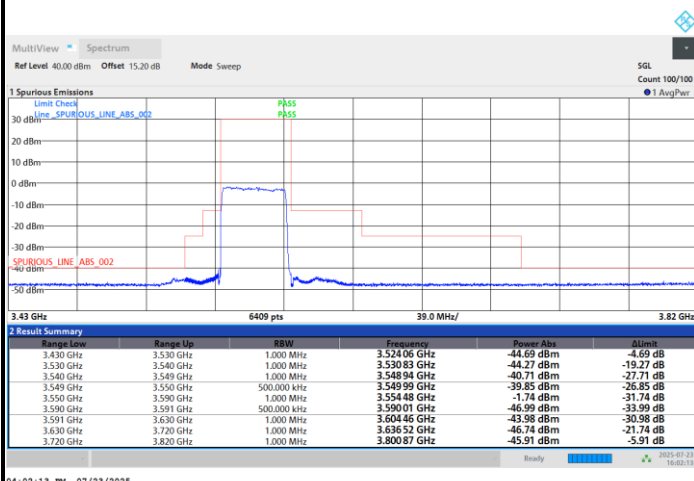
1RB0



1RBmax



Full RB

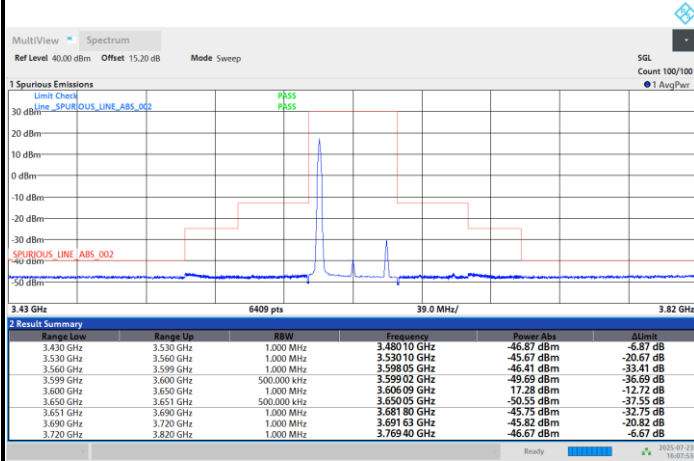




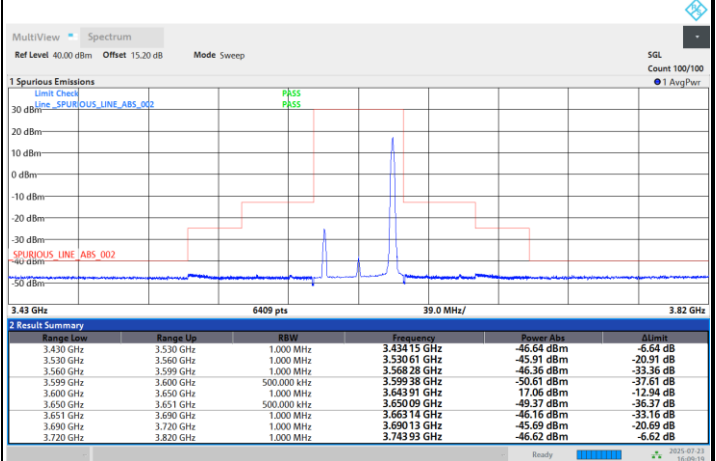
FR1 n48 / 40MHz / DFT-S OFDM / PI/2 BPSK

Middle Channel

1RB0



1RBmax



Full RB

