



FCC RADIO TEST REPORT

FCC ID : UZ7TCW01G
Equipment : Touch Computer
Brand Name : ZEBRA
Model Name : TCW01G
Applicant : Zebra Technologies Corporation
3 Overlook Point, Lincolnshire, IL 60069 USA
Manufacturer : Zebra Technologies Corporation
3 Overlook Point, Lincolnshire, IL 60069 USA
Standard : FCC 47 CFR Part 2, 96

The product was received on Dec. 24, 2025 and testing was performed from Feb. 13, 2026 to Apr. 22, 2026. We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

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

Louis Wu

Approved by: Louis Wu

Sporton International Inc. Wensan Laboratory

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



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History of this test report

Report No.	Version	Description	Issue Date
FG5N0611-01G	01	Initial issue of report	Apr. 28, 2026

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	-
		Power Density	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	3.13 dB under the limit at 7215 MHz

Conformity Assessment Condition:

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

Disclaimer:

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

Reviewed by: Wei Chen

Report Producer: Vina Su



1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	Touch Computer
Brand Name	ZEBRA
Model Name	TCW01G
FCC ID	UZ7TCW01G
EUT supports Radios application	GSM/WCDMA/LTE/5G NR/NFC/GNSS/RFID WLAN 11a/b/g/n HT20/HT40 WLAN 11ac VHT20/VHT40/VHT80/VHT160 WLAN 11ax HE20/HE40/HE80/HE160 WLAN 11be EHT20/EHT40/EHT80/EHT160/EHT320 Bluetooth BR/EDR/LE
HW Version	EV1
SW Version	15-12-29.00-VG-U00-PRD-ERS-04
FW Version	FUSION_QA_7_1.3.0.002_V
MFD	15NOV25
EUT Stage	Identical Prototype

<Sample Information>

Sample 1	Sample 2	Sample 3	Sample 4
Basic + SE4730 SKU 1_NA	Basic + SE55 SKU 3_NA	Premium + SE4730 SKU 5_NA	Premium + SE55 SKU 6_NA

Specification of Accessories				
AC Adapter 1	Brand Name	Zebra	Model Name	SAWA-65-20005A
Battery 1 (1x)	Brand Name	Zebra	Model Name	BT-000473
Battery 2 (1.5x)	Brand Name	Zebra	Model Name	BT-000473E
USB TYPE A to TYPE C cable	Brand Name	Zebra	Part Number	CBL-TC2X-USBC-01
USB TYPE C to TYPE C cable	Brand Name	Zebra	Part Number	CBL-EC5X-USBC3A-01
PTT Headset with USB-C connector	Brand Name	Zebra	Part Number	HDST-USBC-PTT1-01
PTT and VoIP headset with 3.5mm standard jack.	Brand Name	Zebra	Part Number	HDST-35MM-PTVP-02
USB-C to 3.5mm adapter cable	Brand Name	Zebra	Part Number	ADP-USBC-35MM1-01
HS2100 rugged wired headset	Brand Name	Zebra	Part Number	HS2100-BTN-LSB
HS2100 Headset Cable for connecting the HS2100 Headset via 3.5mm	Brand Name	Zebra	Part Number	CBL-HS2100-3MS1-01
Rugged boot	Brand Name	Zebra	Part Number	SG-TC2L-BOOT-01
Handstrap	Brand Name	Zebra	Part Number	SG-TC2L-HSTRP1-01
Trigger Handle	Brand Name	Zebra	Part Number	CRG-TC2L-SNP1-01
Arm Mounts	Brand Name	Zebra	Part Number	SG-TC2L-ARMNT-01
Soft Holster	Brand Name	Zebra	Part Number	SG-TC2L-HLSTR1-01
HS3100 rugged Bluetooth headset	Brand Name	Zebra	Part Number	HS3100-OTH

1.2 Product Specification of Equipment Under Test

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

TDD band Power Class				
	PC3	PC2		
N48	✓			
N77	✓			
N78	✓			

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

Antenna information						
Band	Ant1	Ant5	Ant8	Ant10	Main Ant.#	Sub Ant. #
n48			-1.18	--1.17	8	9
Part96 n77/n78			-1.18	--1.17	8	9

Remark:

1. For Test Items, Main Ant. means Tx0 and Sub Ant. means Tx1.
2. Sub Ant. can be used for NSA mode only.
3. After preliminary scan, the main antenna is selected as the worst mode to be reported for conducted test.

1.3 Modification of EUT

No modifications made to the EUT during the testing.

1.4 Testing Site

Test Site	Sporton International Inc. Wensan Laboratory	
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855	
Test Site No.	Sporton Site No.	
	TH05-HY	03CH21-HY
Test Engineer	Howard Miao	Jack Cheng, Ray Lung, Sky Chang
Temperature (°C)	20~24	18~26
Relative Humidity (%)	50~58	50~70

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

FCC Designation No.: TW3786



1.5 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 v03r01
- ♦ 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 accessory (Adapter or Earphone), and adjusting the measurement antenna orientation, following C63.26 exploratory test procedures and only the worst case emissions were reported in this report..

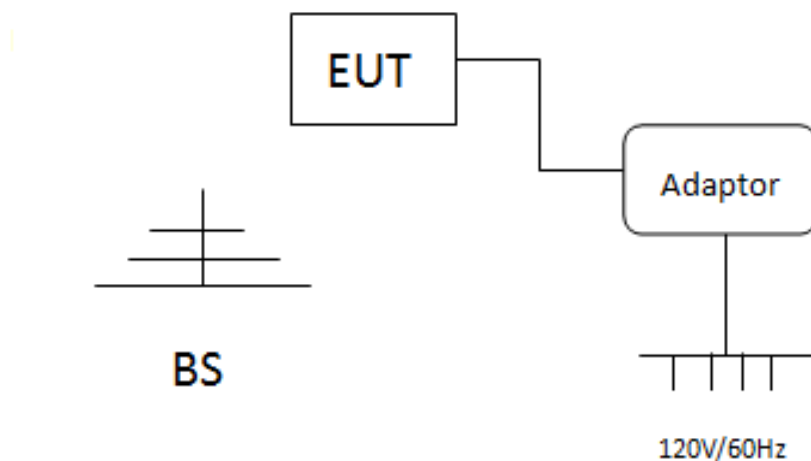
Modulation Type	Modulation	Modulation Type	Modulation
A	DFT-s-OFDM pi/2 BPSK	N/A	N/A
B	DFT-s-OFDM QPSK	F	CP-OFDM QPSK
C	DFT-s-OFDM 16QAM	G	CP-OFDM 16QAM
D	DFT-s-OFDM 64QAM	H	CP-OFDM 64QAM
E	DFT-s-OFDM 256QAM	I	CP-OFDM 256QAM

Test Item	Modulation Type	Bandwidth	RB Size	Channel
Conducted Power	A, B, C, D, E, F, G, H, I	All	1, Half, Full	L, M, H
EIRP	A, B, C, D, E, F, G, H, I	All	1, Half, Full	L, M, H
PAR	A, B, C, D, E, F, G, H, I	20 MHz	Outer_Full	M
Bandwidth	A, B, C, F, G	All	Outer_Full	M
ACLR, Mask	A, B, F, G	All	Outer_1RB Outer_Full	L, M, H
CSE	B,F	Minimum	Inner_1RB	L, M, H
Frequency Stability	A,F	20 MHz	Outer_Full	M
RSE	A,F	Maximum	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. All the radiated test cases were performed with Adapter 1 and USB Cable 1.
4. One representative bandwidth is selected to perform PAR and frequency stability.
5. Device 5G NR support SA & NSA Mode, are verified and the worst case is SA mode. Therefore, the report only performed SA test results.
6. 5G NR N48/N77/78 support SA mode Antenna 8 and NSA mode Antenna 9, MIMO mode Antenna 8+9 . Radiated Spurious Emission is full test. Conducted test items are verified and the worst case is Antenna 8, Antenna 9, Antenna 8+9. Therefore, the report only performed Antenna 8&9 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.	Base Station	Anritsu	MT8821C	N/A	N/A	N/A
2.	Base Station	Anritsu	MT8000A	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 n77 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	637666	641666	645666
	Frequency	3564.99	3624.99	3684.99
25	Channel	637502	641666	645832
	Frequency	3562.53	3624.99	3687.48
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 n78 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
25	Channel	637502	641666	645832
	Frequency	3562.53	3624.99	3687.48
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

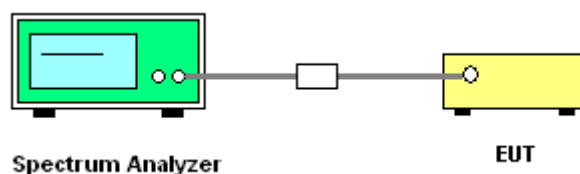
3 Conducted Test Items

3.1 Measuring Instruments

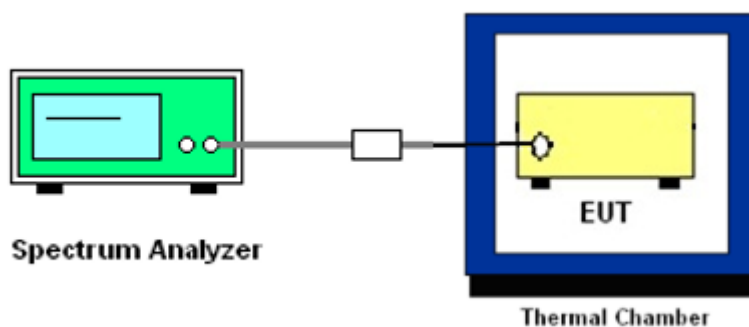
See list of measuring instruments of this test report.

3.1.1 Test Setup

3.1.2 Conducted Output Power, Peak-to-Average Ratio, Occupied Bandwidth, Conducted Band Edge and Conducted Spurious Emission



3.1.3 Frequency Stability



3.1.4 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

Command lines were set to force the EUT transmitting at maximum output power.

The measured power in the radio frequency on the transmitter output terminals shall be reported.

3.2.2 Test Procedures

1. Set EUT at maximum power.
2. Select lowest, middle, and highest channels for each band and different modulation.
3. Measure and record the power level.



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 and Power Density

3.4.1 Description of the EIRP and Power Density 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 :

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.

The occupied bandwidth shall not exceed the equipment's channel bandwidth, which is declared by the manufacturer.

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

96.41(e)(1)

The conducted power of any CBSD emission outside the fundamental emission bandwidth shall not exceed -13 dBm/MHz within 0-10 megahertz above the upper SAS-assigned channel edge and within 0-10 megahertz below the lower SAS-assigned channel edge. At all frequencies greater than 10 megahertz above the upper SAS assigned channel edge and less than 10 MHz below the lower SAS assigned channel edge, the conducted power of any CBSD emission shall not exceed -25 dBm/MHz. The upper and lower SAS assigned channel edges are the upper and lower limits of any channel assigned to a CBSD by an SAS, or in the case of multiple contiguous channels, the upper and lower limits of the combined contiguous channels.

96.41(e)(2)

The conducted power of emissions below 3540 MHz or above 3710 MHz shall not exceed -25 dBm/MHz, and the conducted power of emissions below 3530 MHz or above 3720 MHz shall not exceed -40 dBm/MHz.

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.
1. The band edges of low and high channels for the highest RF powers were measured.
2. Set RBW $\geq 1\%$ EBW in the 1MHz band immediately outside and adjacent to the band edge.
3. Beyond the 1 MHz band from the band edge, RBW=1MHz was used
4. Set spectrum analyzer with RMS detector.
5. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
6. For MIMO mode, add additional MIMO factor $10\log(\text{NTX}=2) = 3.01\text{dB}$ into the spectrum analyzer offset.

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.

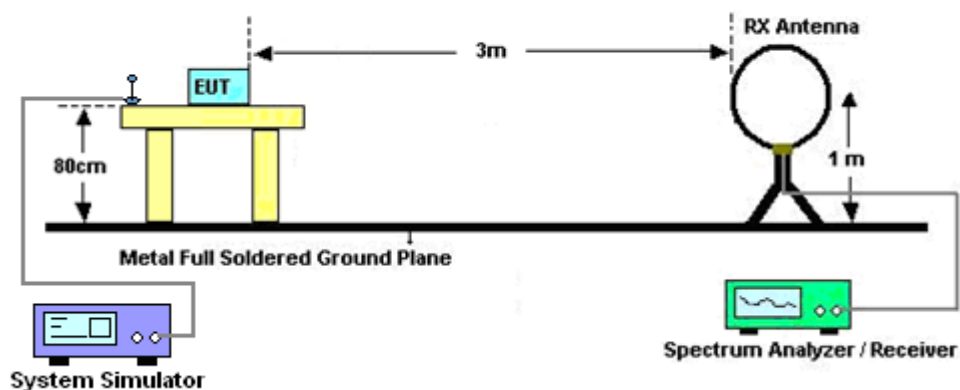
4 Radiated Test Items

4.1 Measuring Instruments

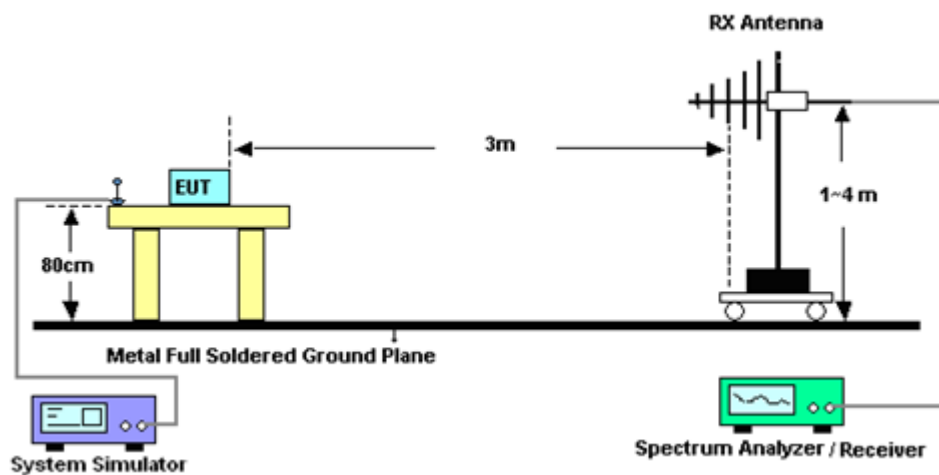
See list of measuring instruments of this test report.

4.2 Test Setup

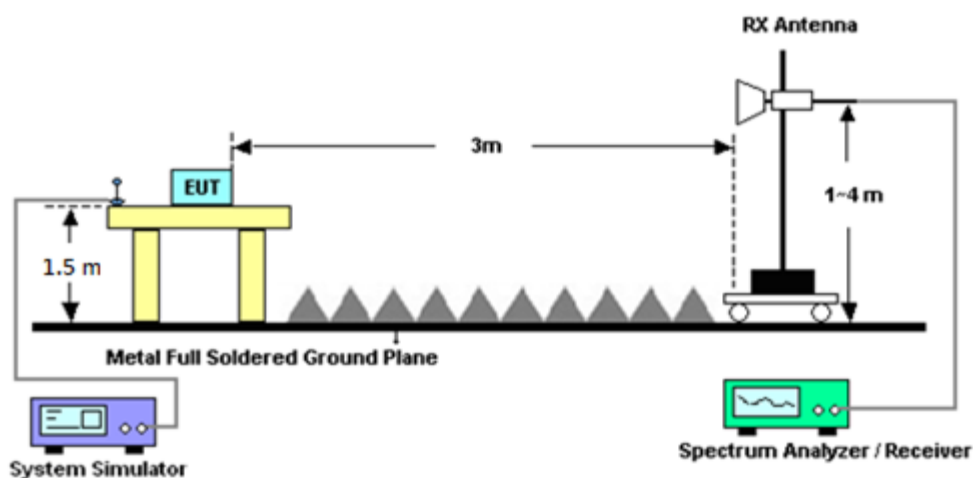
For radiated test below 30MHz



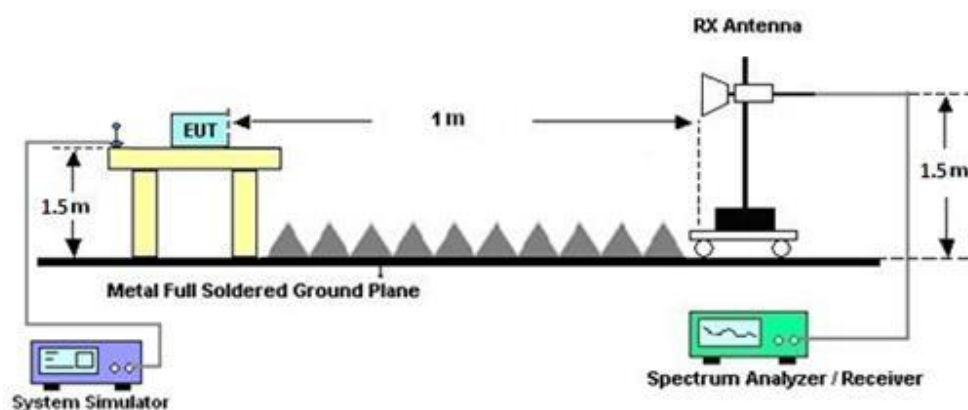
For radiated test from 30MHz to 1GHz



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
LOOP Antenna	Rohde & Schwarz	HFH2-Z2E	101108	9 kHz~30 MHz	Dec. 11, 2025	Feb. 13, 2026 ~ Apr. 15, 2026	Dec. 10, 2026	Radiation (03CH21-HY)
Bilog Antenna	TESEQ & WOKEN	CBL 6111D & 00802N1D-06	63303 & 001	30MHz~1GHz	Nov. 26, 2025	Feb. 13, 2026 ~ Apr. 15, 2026	Nov. 25, 2026	Radiation (03CH21-HY)
Double Ridged Guide Horn Antenna	RFSPIN	DRH18-E	LE2C03A1 8EN	1GHz~18GHz	Aug. 07, 2025	Feb. 13, 2026 ~ Apr. 15, 2026	Aug. 06, 2026	Radiation (03CH21-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	1223	18GHz~40GHz	Jul. 02, 2025	Feb. 13, 2026 ~ Apr. 15, 2026	Jul. 01, 2026	Radiation (03CH21-HY)
Amplifier	SONOMA	310N	421580	30MHz~1GHz	Jul. 13, 2025	Feb. 13, 2026 ~ Apr. 15, 2026	Jul. 12, 2026	Radiation (03CH21-HY)
Amplifier	EMEC	EM01G18GA	060876	1GHz~18GHz	Sep. 26, 2025	Feb. 13, 2026 ~ Apr. 15, 2026	Sep. 25, 2026	Radiation (03CH21-HY)
Preamplifier	EMEC	EM18G40G	060873	18GHz~40GHz	Aug. 26, 2025	Feb. 13, 2026 ~ Apr. 15, 2026	Aug. 25, 2026	Radiation (03CH21-HY)
EXA Signal Analyzer	Keysight	N9010B	MY621703 58	10Hz~44GHz	Sep. 09, 2025	Feb. 13, 2026 ~ Apr. 15, 2026	Sep. 08, 2026	Radiation (03CH21-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9kHz~30MHz	Mar. 04, 2026	Feb. 13, 2026 ~ Apr. 15, 2026	Mar. 03, 2027	Radiation (03CH21-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804397/2,8 04612/2,80 3954/2	30MHz~40GHz	Aug. 11, 2025	Feb. 13, 2026 ~ Apr. 15, 2026	Aug. 10, 2026	Radiation (03CH21-HY)
RF Cable	EMCI	EMC101Y-KM-KM-1000	240906	30MHz~40GHz	Oct. 21, 2025	Feb. 13, 2026 ~ Apr. 15, 2026	Oct. 20, 2026	Radiation (03CH21-HY)
Hygrometer	TECPEL	DTM-303A	TP211568	N/A	Oct. 21, 2025	Feb. 13, 2026 ~ Apr. 15, 2026	Oct. 20, 2026	Radiation (03CH21-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	Feb. 13, 2026 ~ Apr. 15, 2026	N/A	Radiation (03CH21-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	Feb. 13, 2026 ~ Apr. 15, 2026	N/A	Radiation (03CH21-HY)
Turn Table	EMEC	TT 2000	N/A	0~360 Degree	N/A	Feb. 13, 2026 ~ Apr. 15, 2026	N/A	Radiation (03CH21-HY)
Software	Audix	E3 6.2009-8-24	RK-001053	N/A	N/A	Feb. 13, 2026 ~ Apr. 15, 2026	N/A	Radiation (03CH21-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
LOOP Antenna	Rohde & Schwarz	HFH2-Z2E	101108	9 kHz~30 MHz	Dec. 11, 2025	Apr. 22, 2026 ~ Apr. 22, 2026	Dec. 10, 2026	Radiation (03CH21-HY)
Bilog Antenna	TESEQ & WOKEN	CBL 6111D & 00802N1D-06	63303 & 001	30MHz~1GHz	Nov. 26, 2025	Apr. 22, 2026 ~ Apr. 22, 2026	Nov. 25, 2026	Radiation (03CH21-HY)
Double Ridged Guide Horn Antenna	RFSPIN	DRH18-E	LE2C03A1 8EN	1GHz~18GHz	Aug. 07, 2025	Apr. 22, 2026 ~ Apr. 22, 2026	Aug. 06, 2026	Radiation (03CH21-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	1223	18GHz~40GHz	Jul. 02, 2025	Apr. 22, 2026 ~ Apr. 22, 2026	Jul. 01, 2026	Radiation (03CH21-HY)
Amplifier	SONOMA	310N	421580	30MHz~1GHz	Jul. 13, 2025	Apr. 22, 2026 ~ Apr. 22, 2026	Jul. 12, 2026	Radiation (03CH21-HY)
Amplifier	EMEC	EM01G18GA	060876	1GHz~18GHz	Sep. 26, 2025	Apr. 22, 2026 ~ Apr. 22, 2026	Sep. 25, 2026	Radiation (03CH21-HY)
Preamplifier	EMEC	EM18G40G	060873	18GHz~40GHz	Aug. 26, 2025	Apr. 22, 2026 ~ Apr. 22, 2026	Aug. 25, 2026	Radiation (03CH21-HY)
EXA Signal Analyzer	Keysight	N9010B	MY621703 58	10Hz~44GHz	Sep. 09, 2025	Apr. 22, 2026 ~ Apr. 22, 2026	Sep. 08, 2026	Radiation (03CH21-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9kHz~30MHz	Mar. 04, 2026	Apr. 22, 2026 ~ Apr. 22, 2026	Mar. 03, 2027	Radiation (03CH21-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804397/2,8 04612/2,80 3954/2	30MHz~40GHz	Aug. 11, 2025	Apr. 22, 2026 ~ Apr. 22, 2026	Aug. 10, 2026	Radiation (03CH21-HY)
RF Cable	EMCI	EMC101Y-KM-KM-1000	240906	30MHz~40GHz	Oct. 21, 2025	Apr. 22, 2026 ~ Apr. 22, 2026	Oct. 20, 2026	Radiation (03CH21-HY)
Hygrometer	TECPEL	DTM-303A	TP211568	N/A	Oct. 21, 2025	Apr. 22, 2026 ~ Apr. 22, 2026	Oct. 20, 2026	Radiation (03CH21-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	Apr. 22, 2026 ~ Apr. 22, 2026	N/A	Radiation (03CH21-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	Apr. 22, 2026 ~ Apr. 22, 2026	N/A	Radiation (03CH21-HY)
Turn Table	EMEC	TT 2000	N/A	0~360 Degree	N/A	Apr. 22, 2026 ~ Apr. 22, 2026	N/A	Radiation (03CH21-HY)
Software	Audix	E3 6.2009-8-24	RK-001053	N/A	N/A	Apr. 22, 2026 ~ Apr. 22, 2026	N/A	Radiation (03CH21-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
DC Power Supply	GW Instek	GPE-2323	GET91089 6	0V~64V ;0A~6A	Dec. 15, 2025	Dec. 24, 2025 ~ Apr. 22, 2026	Dec. 14, 2026	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV3044	101691	10Hz~44GHz	Oct. 15, 2025	Dec. 24, 2025 ~ Apr. 22, 2026	Oct. 14, 2026	Conducted (TH05-HY)
Temperature Chamber	ESPEC	SH-641	92013720	-40°C ~90°C	Sep. 10,2025	Dec. 24, 2025 ~ Apr. 22, 2026	Sep. 09,2026	Conducted (TH05-HY)
Hygrometer	TECPEL	DTM-303A	TP201996	NA	Nov. 04, 2025	Dec. 24, 2025 ~ Apr. 22, 2026	Nov. 03, 2026	Conducted (TH05-HY)
Base Station (Measure)	Anritsu	MT8821C	626219230 3	LTE	Oct. 31, 2025	Dec. 24, 2025 ~ Apr. 22, 2026	Oct. 30, 2026	Conducted (TH05-HY)
Base Station (Measure)	Anritsu	MT8000A	626218634 2	FR1	Nov. 03, 2025	Dec. 24, 2025 ~ Apr. 22, 2026	Nov. 03, 2026	Conducted (TH05-HY)
Power divider	MVE	MVE8283	E800018	9KHz~40GHz	Sep. 05, 2025	Dec. 24, 2025 ~ Apr. 22, 2026	Sep. 04, 2026	Conducted (TH05-HY)
RF Cable	MVE	MCBL-LL403P.50	E80005C	9KHz~40GHz	Aug. 01, 2025	Dec. 24, 2025 ~ Apr. 22, 2026	Jul. 31, 2026	Conducted (TH05-HY)
Software 1	Sporton	FCC 5GNR Test Tools Ver1.0	N/A	Conducted Test Item	N/A	Dec. 24, 2025 ~ Apr. 22, 2026	N/A	Conducted (TH05-HY)

6 Measurement Uncertainty

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2U_c(y)$)	6.4 dB
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Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2U_c(y)$)	4.8 dB
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Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2U_c(y)$)	5.3 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 = -1.18 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK	12.36	12.35	12.21	11.28	0.0134		
10	1	22		12.38	12.41	11.98				
10	12	6		12.39	12.43	12.16				
10	1	0		12.35	12.31	12.27				
10	1	23		12.32	12.36	11.98				
10	24	0		12.43	12.46	12.16				
10	1	1	QPSK	12.37	12.35	12.26				
10	1	22		12.35	12.44	12.05				
10	12	6		12.38	12.43	12.12				
10	1	0		12.37	12.32	12.24				
10	1	23		12.30	12.37	11.98				
10	24	0		12.45	12.43	12.16				
10	1	1	16-QAM	12.50	12.50	12.37	11.32	0.0136		
10	1	1	64-QAM	12.38	12.35	12.26				
10	1	1	256-QAM	12.26	12.18	12.04				
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 = -1.18 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
15	1	1	PI/2 BPSK	12.66	12.41	12.45	11.51	0.0142		
15	1	36		12.63	12.64	12.09				
15	18	9		12.60	12.58	12.39				
15	1	0		12.58	12.46	12.47				
15	1	37		12.63	12.62	12.04				
15	36	0		12.59	12.58	12.32				
15	1	1	QPSK	12.61	12.35	12.47				
15	1	36		12.57	12.60	12.10				
15	18	9		12.58	12.64	12.29				
15	1	0		12.66	12.44	12.44				
15	1	37		12.69	12.61	12.14				
15	36	0		12.61	12.47	12.26				
15	1	1	16-QAM	12.71	12.53	12.54	11.53	0.0142		
15	1	1	64-QAM	12.59	12.55	12.53				
15	1	1	256-QAM	12.46	12.07	12.19				
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 = -1.18 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
20	1	1	PI/2 BPSK	12.59	12.36	12.55	11.54	0.0143		
20	1	49		12.68	12.57	12.12				
20	25	12		12.65	12.67	12.42				
20	1	0		12.62	12.35	12.52				
20	1	50		12.67	12.58	12.13				
20	50	0		12.64	12.52	12.40				
20	1	1	QPSK	12.58	12.36	12.52				
20	1	49		12.72	12.58	12.19				
20	25	12		12.66	12.57	12.39				
20	1	0		12.57	12.34	12.50				
20	1	50		12.72	12.53	12.10				
20	50	0		12.64	12.61	12.40				
20	1	1	16-QAM	12.69	12.47	12.59	11.51	0.0142		
20	1	1	64-QAM	12.64	12.43	12.59				
20	1	1	256-QAM	12.45	12.32	12.36				
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 = -1.18 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
30	1	1	PI/2 BPSK	12.65	12.43	12.51	11.68	0.0147		
30	1	76		12.86	12.58	12.19				
30	36	18		12.68	12.74	12.63				
30	1	0		12.63	12.39	12.57				
30	1	77		12.85	12.57	12.27				
30	75	0		12.82	12.62	12.66				
30	1	1	QPSK	12.75	12.44	12.50				
30	1	76		12.85	12.58	12.22				
30	36	18		12.69	12.72	12.68				
30	1	0		12.61	12.44	12.53				
30	1	77		12.83	12.53	12.27				
30	75	0		12.72	12.63	12.60				
30	1	1	16-QAM	12.74	12.56	12.67	11.56	0.0143		
30	1	1	64-QAM	12.70	12.53	12.59				
30	1	1	256-QAM	12.45	12.26	12.28				
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 = -1.18 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
40	1	1	PI/2 BPSK	12.69	12.54	12.32	11.66	0.0147		
40	1	104		12.81	12.51	12.29				
40	50	25		12.84	12.69	12.67				
40	1	0		12.68	12.48	12.37				
40	1	105		12.76	12.51	12.34				
40	100	0		12.77	12.61	12.48				
40	1	1	QPSK	12.61	12.54	12.37				
40	1	104		12.80	12.47	12.42				
40	50	25		12.78	12.71	12.72				
40	1	0		12.67	12.43	12.27				
40	1	105		12.81	12.56	12.42				
40	100	0		12.84	12.64	12.53				
40	1	1	16-QAM	12.82	12.67	12.39	11.64	0.0146		
40	1	1	64-QAM	12.75	12.44	12.38				
40	1	1	256-QAM	12.53	12.27	12.10				
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 = -1.18 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK	12.63	12.63	12.40	13.01	0.0200		
10	1	22		12.68	12.73	12.19				
10	12	6		12.83	12.84	12.48				
10	1	0		12.67	12.65	12.40				
10	1	23		12.63	12.68	12.16				
10	24	0		12.85	12.86	12.43				
10	1	1	QPSK	13.99	13.93	13.67				
10	1	22		13.99	14.04	13.59				
10	12	6		14.14	14.19	13.77				
10	1	0		13.99	13.91	13.71				
10	1	23		14.03	14.04	13.47				
10	24	0		14.08	14.15	13.72				
10	1	1	16-QAM	14.08	14.08	13.82	12.90	0.0195		
10	1	1	64-QAM	14.05	14.01	13.75				
10	1	1	256-QAM	13.76	13.74	13.46				
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 = -1.18 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
15	1	1	PI/2 BPSK	12.96	12.80	12.79	13.14	0.0206		
15	1	36		13.08	12.90	12.32				
15	18	9		13.04	13.00	12.59				
15	1	0		13.03	12.81	12.76				
15	1	37		13.02	12.92	12.44				
15	36	0		12.97	13.01	12.68				
15	1	1	QPSK	14.21	14.06	14.04				
15	1	36		14.32	14.23	13.69				
15	18	9		14.32	14.29	13.93				
15	1	0		14.18	14.08	13.98				
15	1	37		14.32	14.21	13.71				
15	36	0		14.17	14.20	13.85				
15	1	1	16-QAM	14.25	14.23	14.17	13.10	0.0204		
15	1	1	64-QAM	14.28	14.03	13.83				
15	1	1	256-QAM	13.97	13.84	13.72				
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 = -1.18 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
20	1	1	PI/2 BPSK	12.93	12.61	12.63	13.21	0.0209		
20	1	49		13.07	12.79	12.21				
20	25	12		13.04	12.90	12.53				
20	1	0		12.89	12.61	12.70				
20	1	50		13.10	12.76	12.26				
20	50	0		13.05	12.88	12.67				
20	1	1	QPSK	14.18	13.91	13.92				
20	1	49		14.39	14.05	13.54				
20	25	12		14.33	14.20	13.91				
20	1	0		14.16	13.97	13.95				
20	1	50		14.36	14.09	13.54				
20	50	0		14.39	14.12	13.82				
20	1	1	16-QAM	14.19	14.13	14.12	13.01	0.0200		
20	1	1	64-QAM	14.18	13.97	13.95				
20	1	1	256-QAM	13.97	13.74	13.73				
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 = -1.18 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
25	1	1	PI/2 BPSK	12.86	12.66	12.67	13.16	0.0207		
25	1	63		13.05	12.79	12.31				
25	32	16		12.97	12.92	12.70				
25	1	0		12.80	12.59	12.71				
25	1	64		12.99	12.68	12.29				
25	64	0		13.02	12.90	12.69				
25	1	1	QPSK	14.05	13.95	13.93				
25	1	63		14.34	14.12	13.64				
25	32	16		14.34	14.26	13.93				
25	1	0		14.06	13.91	13.96				
25	1	64		14.30	14.08	13.64				
25	64	0		14.27	14.13	13.98				
25	1	1	16-QAM	14.27	14.05	14.07	13.09	0.0204		
25	1	1	64-QAM	14.08	13.94	13.91				
25	1	1	256-QAM	13.86	13.71	13.65				
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 = -1.18 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
30	1	1	PI/2 BPSK	12.82	12.61	12.59	13.18	0.0208		
30	1	76		13.07	12.78	12.31				
30	36	18		13.06	13.08	12.85				
30	1	0		12.91	12.63	12.68				
30	1	77		13.02	12.83	12.29				
30	75	0		13.12	13.02	12.81				
30	1	1	QPSK	14.14	13.89	13.92				
30	1	76		14.36	14.17	13.65				
30	36	18		14.28	14.22	14.16				
30	1	0		14.20	13.92	13.91				
30	1	77		14.33	14.14	13.77				
30	75	0		14.19	14.27	14.07				
30	1	1	16-QAM	14.11	13.96	14.05	12.93	0.0196		
30	1	1	64-QAM	14.07	13.96	13.95				
30	1	1	256-QAM	13.91	13.65	13.71				
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 = -1.18 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
40	1	1	PI/2 BPSK	13.04	12.78	12.70	13.23	0.0210		
40	1	104		12.88	12.66	12.47				
40	50	25		13.04	12.92	12.94				
40	1	0		12.96	12.81	12.71				
40	1	105		12.94	12.72	12.48				
40	100	0		13.07	12.92	12.88				
40	1	1	QPSK	14.32	14.11	13.91				
40	1	104		14.18	14.00	13.74				
40	50	25		14.32	14.31	14.15				
40	1	0		14.41	14.03	13.94				
40	1	105		14.26	14.04	13.77				
40	100	0		14.37	14.14	14.08				
40	1	1	16-QAM	14.21	14.18	14.07	13.06	0.0202		
40	1	1	64-QAM	14.24	14.14	13.99				
40	1	1	256-QAM	14.15	13.89	13.77				
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 = -1.18 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
50	1	1	PI/2 BPSK	12.64	12.41	12.27	13.08	0.0203		
50	1	131		12.34	12.19	12.00				
50	64	32		12.92	12.84	12.60				
50	1	0		12.60	12.43	12.28				
50	1	132		12.32	12.16	12.03				
50	128	0		12.81	12.73	12.50				
50	1	1	QPSK	13.95	13.63	13.56				
50	1	131		13.65	13.47	13.35				
50	64	32		14.26	14.10	13.85				
50	1	0		13.85	13.64	13.55				
50	1	132		13.57	13.41	13.33				
50	128	0		14.06	13.96	13.72				
50	1	1	16-QAM	13.89	13.85	13.71	12.71	0.0187		
50	1	1	64-QAM	13.87	13.69	13.54				
50	1	1	256-QAM	13.71	13.47	13.23				
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 = -1.18 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
60	1	1	PI/2 BPSK	12.55	12.43	12.51	13.00	0.0200		
60	1	160		12.25	12.10	12.05				
60	81	40		12.84	12.71	12.44				
60	1	0		12.57	12.48	12.53				
60	1	161		12.29	12.10	12.05				
60	162	0		12.78	12.66	12.48				
60	1	1	QPSK	13.92	13.82	13.81				
60	1	160		13.62	13.44	13.37				
60	81	40		14.18	14.08	13.80				
60	1	0		13.86	13.77	13.84				
60	1	161		13.53	13.39	13.39				
60	162	0		13.99	13.90	13.71				
60	1	1	16-QAM	13.92	13.96	13.94	12.78	0.0190		
60	1	1	64-QAM	13.88	13.76	13.81				
60	1	1	256-QAM	13.68	13.57	13.61				
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 = -1.18 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
70	1	1	PI/2 BPSK	12.44	12.52	12.60	12.85	0.0193		
70	1	187		12.38	11.90	11.92				
70	90	45		12.68	12.65	12.25				
70	1	0		12.45	12.51	12.67				
70	1	188		12.38	11.91	11.85				
70	180	0		12.57	12.54	12.38				
70	1	1	QPSK	13.77	13.78	13.92				
70	1	187		13.61	13.21	13.29				
70	90	45		14.03	13.92	13.58				
70	1	0		13.71	13.74	13.91				
70	1	188		13.76	13.18	13.15				
70	180	0		13.81	13.76	13.66				
70	1	1	16-QAM	13.90	13.88	14.05	12.87	0.0194		
70	1	1	64-QAM	13.76	13.73	13.89				
70	1	1	256-QAM	13.51	13.52	13.70				
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 = -1.18 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
80	1	1	PI/2 BPSK	12.47	12.58	12.49	12.73	0.0187		
80	1	215		12.52	12.01	12.02				
80	108	54		12.59	12.61	12.33				
80	1	0		12.46	12.58	12.52				
80	1	216		12.53	12.02	12.00				
80	216	0		12.60	12.48	12.40				
80	1	1	QPSK	13.75	13.87	13.71				
80	1	215		13.83	13.40	13.23				
80	108	54		13.86	13.91	13.60				
80	1	0		13.73	13.86	13.80				
80	1	216		13.82	13.33	13.22				
80	216	0		13.81	13.76	13.64				
80	1	1	16-QAM	13.86	14.00	13.85	12.82	0.0191		
80	1	1	64-QAM	13.75	13.85	13.87				
80	1	1	256-QAM	13.54	13.73	13.60				
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 = -1.18 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
90	1	1	PI/2 BPSK	12.42	12.64	12.23	12.76	0.0189		
90	1	243		12.42	12.16	12.04				
90	120	60		12.62	12.62	12.46				
90	1	0		12.42	12.66	12.27				
90	1	244		12.44	12.20	12.03				
90	243	0		12.63	12.55	12.48				
90	1	1	QPSK	13.71	13.94	13.64				
90	1	243		13.78	13.53	13.31				
90	120	60		13.89	13.93	13.74				
90	1	0		13.70	13.93	13.55				
90	1	244		13.76	13.52	13.26				
90	243	0		13.84	13.72	13.72				
90	1	1	16-QAM	13.87	14.10	13.72	12.92	0.0196		
90	1	1	64-QAM	13.71	13.96	13.58				
90	1	1	256-QAM	13.55	13.78	13.33				
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 = -1.18 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
100	1	1	PI/2 BPSK	12.53	12.67	12.26	12.80	0.0191		
100	1	271		12.21	12.34	12.05				
100	135	67		12.60	12.64	12.50				
100	1	0		12.51	12.69	12.24				
100	1	272		12.19	12.44	12.02				
100	270	0		12.64	12.55	12.52				
100	1	1	QPSK	13.79	13.96	13.55				
100	1	271		13.47	13.74	13.34				
100	135	67		13.91	13.98	13.80				
100	1	0		13.77	13.93	13.54				
100	1	272		13.45	13.73	13.39				
100	270	0		13.87	13.83	13.75				
100	1	1	16-QAM	13.93	14.19	13.67	13.01	0.0200		
100	1	1	64-QAM	13.81	13.95	13.60				
100	1	1	256-QAM	13.59	13.71	13.28				
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 = -1.18 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK	12.31	12.35	12.13	12.76	0.0189		
10	1	22		12.41	12.48	11.95				
10	12	6		12.60	12.59	12.17				
10	1	0		12.37	12.43	12.20				
10	1	23		12.42	12.49	11.93				
10	24	0		12.53	12.61	12.18				
10	1	1	QPSK	13.12	13.21	12.96				
10	1	22		13.24	13.31	12.80				
10	12	6		13.38	13.39	13.01				
10	1	0		13.19	13.20	12.98				
10	1	23		13.24	13.32	12.79				
10	24	0		13.94	13.93	13.52				
10	1	1	16-QAM	13.76	13.78	13.60	12.60	0.0182		
10	1	1	64-QAM	13.69	13.75	13.44				
10	1	1	256-QAM	13.52	13.47	13.24				
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 = -1.18 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
15	1	1	PI/2 BPSK	12.74	12.53	12.49	12.87	0.0194		
15	1	36		12.66	12.68	12.13				
15	18	9		12.73	12.75	12.53				
15	1	0		12.61	12.57	12.46				
15	1	37		12.78	12.64	12.15				
15	36	0		12.74	12.75	12.44				
15	1	1	QPSK	13.42	13.41	13.31				
15	1	36		13.51	13.39	12.92				
15	18	9		13.57	13.57	13.29				
15	1	0		13.42	13.36	13.30				
15	1	37		13.60	13.39	12.86				
15	36	0		14.03	14.05	13.76				
15	1	1	16-QAM	14.07	13.98	13.91	12.89	0.0195		
15	1	1	64-QAM	13.96	13.78	13.81				
15	1	1	256-QAM	13.68	13.58	13.60				
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 = -1.18 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
20	1	1	PI/2 BPSK	12.64	12.49	12.55	12.93	0.0196		
20	1	49		12.86	12.61	12.11				
20	25	12		12.76	12.71	12.45				
20	1	0		12.64	12.50	12.60				
20	1	50		12.81	12.61	12.11				
20	50	0		12.88	12.75	12.47				
20	1	1	QPSK	13.42	13.25	13.35				
20	1	49		13.63	13.39	12.92				
20	25	12		13.60	13.60	13.23				
20	1	0		13.40	13.27	13.20				
20	1	50		13.55	13.40	12.93				
20	50	0		14.11	14.07	13.78				
20	1	1	16-QAM	14.04	13.94	13.93	12.86	0.0193		
20	1	1	64-QAM	13.92	13.79	13.87				
20	1	1	256-QAM	13.71	13.57	13.54				
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 = -1.18 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
25	1	1	PI/2 BPSK	12.72	12.48	12.46	12.95	0.0197		
25	1	63		12.90	12.61	12.13				
25	32	16		12.78	12.71	12.45				
25	1	0		12.72	12.40	12.48				
25	1	64		12.90	12.59	12.13				
25	64	0		12.82	12.78	12.51				
25	1	1	QPSK	13.46	13.26	13.32				
25	1	63		13.69	13.42	12.94				
25	32	16		13.64	13.56	13.35				
25	1	0		13.48	13.22	13.27				
25	1	64		13.69	13.36	12.92				
25	64	0		14.13	14.04	13.70				
25	1	1	16-QAM	14.11	13.99	13.97	12.93	0.0196		
25	1	1	64-QAM	13.95	13.75	13.87				
25	1	1	256-QAM	13.73	13.59	13.58				
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 = -1.18 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
30	1	1	PI/2 BPSK	12.63	12.53	12.46	12.96	0.0198		
30	1	76		12.96	12.62	12.25				
30	36	18		12.75	12.86	12.64				
30	1	0		12.66	12.55	12.48				
30	1	77		12.96	12.65	12.21				
30	75	0		12.82	12.84	12.55				
30	1	1	QPSK	13.45	13.24	13.30				
30	1	76		13.69	13.46	12.89				
30	36	18		13.55	13.65	13.43				
30	1	0		13.49	13.28	13.26				
30	1	77		13.72	13.48	12.91				
30	75	0		14.14	14.11	13.86				
30	1	1	16-QAM	14.13	13.99	13.90	12.95	0.0197		
30	1	1	64-QAM	14.11	13.77	11.21				
30	1	1	256-QAM	13.73	13.53	11.12				
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 = -1.18 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
40	1	1	PI/2 BPSK	12.87	12.51	12.45	12.97	0.0198		
40	1	104		12.88	12.56	12.36				
40	50	25		13.00	12.93	12.16				
40	1	0		12.81	12.57	10.41				
40	1	105		12.78	12.67	10.31				
40	100	0		13.02	12.78	12.00				
40	1	1	QPSK	13.67	13.47	12.61				
40	1	104		13.63	13.36	13.10				
40	50	25		13.60	13.53	13.43				
40	1	0		13.66	13.35	12.25				
40	1	105		13.62	13.37	11.64				
40	100	0		14.15	14.10	13.89				
40	1	1	16-QAM	14.11	14.00	12.41	12.95	0.0197		
40	1	1	64-QAM	14.13	13.84	11.47				
40	1	1	256-QAM	13.89	13.62	13.52				
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 = -1.18 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
50	1	1	PI/2 BPSK	12.37	12.21	11.96	12.74	0.0188		
50	1	131		12.19	12.00	11.79				
50	64	32		12.76	12.56	12.34				
50	1	0		12.40	12.19	12.04				
50	1	132		11.69	11.89	11.77				
50	128	0		12.62	12.52	12.19				
50	1	1	QPSK	13.13	12.97	12.82				
50	1	131		12.96	12.84	12.61				
50	64	32		13.90	13.42	13.12				
50	1	0		13.25	12.95	12.81				
50	1	132		13.11	12.78	12.62				
50	128	0		13.92	13.77	13.55				
50	1	1	16-QAM	13.83	13.60	13.44	12.65	0.0184		
50	1	1	64-QAM	13.50	13.41	13.28				
50	1	1	256-QAM	13.45	13.29	13.11				
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 = -1.18 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
60	1	1	PI/2 BPSK	12.33	12.25	12.24	12.73	0.0187		
60	1	160		12.09	11.93	11.84				
60	81	40		12.75	12.55	12.24				
60	1	0		12.33	12.21	12.21				
60	1	161		11.36	11.95	11.86				
60	162	0		12.57	12.45	12.22				
60	1	1	QPSK	13.05	13.03	13.00				
60	1	160		13.04	12.75	12.59				
60	81	40		13.52	13.34	13.02				
60	1	0		13.17	13.04	13.03				
60	1	161		12.14	12.72	12.64				
60	162	0		13.91	13.76	13.57				
60	1	1	16-QAM	13.71	13.66	13.70	12.53	0.0179		
60	1	1	64-QAM	13.66	13.57	13.53				
60	1	1	256-QAM	13.43	13.31	13.30				
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 = -1.18 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
70	1	1	PI/2 BPSK	12.24	12.27	12.46	12.54	0.0179		
70	1	187		12.16	11.72	11.68				
70	90	45		12.49	12.39	12.07				
70	1	0		12.30	12.28	12.36				
70	1	188		12.13	11.77	11.67				
70	180	0		12.39	12.29	12.16				
70	1	1	QPSK	13.01	13.05	13.23				
70	1	187		13.02	12.45	12.49				
70	90	45		13.36	13.22	12.84				
70	1	0		13.04	13.07	13.16				
70	1	188		12.99	12.46	12.48				
70	180	0		13.72	13.59	13.43				
70	1	1	16-QAM	13.68	13.73	13.81	12.63	0.0183		
70	1	1	64-QAM	13.53	13.53	13.71				
70	1	1	256-QAM	13.34	13.29	13.50				
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 = -1.18 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
80	1	1	PI/2 BPSK	12.22	12.41	12.30	12.52	0.0179		
80	1	215		12.28	11.81	11.73				
80	108	54		12.42	12.43	12.10				
80	1	0		12.37	12.37	12.27				
80	1	216		12.28	11.77	11.74				
80	216	0		12.36	12.24	12.19				
80	1	1	QPSK	13.05	13.14	13.10				
80	1	215		13.05	12.65	12.53				
80	108	54		13.28	13.19	12.99				
80	1	0		13.05	13.18	13.09				
80	1	216		13.13	12.54	12.53				
80	216	0		13.70	13.58	13.51				
80	1	1	16-QAM	13.67	13.77	13.65	12.59	0.0182		
80	1	1	64-QAM	13.54	13.64	13.61				
80	1	1	256-QAM	13.33	13.46	13.35				
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 = -1.18 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
90	1	1	PI/2 BPSK	12.24	12.45	12.16	12.53	0.0179		
90	1	243		12.21	11.97	11.80				
90	120	60		12.33	12.35	12.14				
90	1	0		12.17	12.43	12.07				
90	1	244		12.20	12.08	11.74				
90	243	0		12.39	12.27	12.17				
90	1	1	QPSK	12.99	13.25	12.91				
90	1	243		13.08	12.70	12.56				
90	120	60		13.25	13.20	12.91				
90	1	0		12.96	13.28	12.90				
90	1	244		13.02	12.79	12.65				
90	243	0		13.71	13.60	13.54				
90	1	1	16-QAM	13.68	13.93	13.51	12.75	0.0188		
90	1	1	64-QAM	13.49	13.71	13.36				
90	1	1	256-QAM	13.28	13.50	13.16				
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 = -1.18 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
100	1	1	PI/2 BPSK	12.22	12.48	11.97	12.47	0.0177		
100	1	271		11.90	12.20	11.82				
100	135	67		12.35	12.33	12.23				
100	1	0		12.19	12.50	12.13				
100	1	272		11.88	12.18	11.84				
100	270	0		12.33	12.30	12.18				
100	1	1	QPSK	13.05	13.25	12.86				
100	1	271		12.69	12.98	12.64				
100	135	67		13.11	13.13	12.98				
100	1	0		13.10	13.25	12.91				
100	1	272		12.71	12.97	12.68				
100	270	0		13.65	13.61	13.48				
100	1	1	16-QAM	13.71	13.92	13.40	12.74	0.0188		
100	1	1	64-QAM	13.51	13.76	13.36				
100	1	1	256-QAM	13.25	13.56	13.03				
Limit	EIRP < 23dBm/10MHz			Result			Pass			

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

Appendix A. Test Results of Conducted Test

Conducted Output Power (Average power and EIRP)

NR n48 Maximum Average Power [dBm] (GT - LC = -1.17 dB)														
BW	RB	RB	Mod	Antenna 8			Antenna 9			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
10	1	1	QPSK	9.42	9.37	9.02	8.97	9.14	8.94	12.21	12.27	11.99	11.17	0.0131
10	1	22		9.41	9.48	8.77	9.06	9.07	9.04	12.25	12.29	11.92		
10	12	6		9.36	9.42	8.90	9.10	9.14	8.96	12.24	12.29	11.94		
10	1	0		9.30	9.35	8.98	8.98	9.12	8.85	12.15	12.25	11.93		
10	1	23		9.40	9.44	8.68	8.97	9.05	8.93	12.20	12.26	11.82		
10	24	0		9.38	9.46	8.86	9.09	9.19	8.97	12.25	12.34	11.93		
10	1	1	16-QAM	9.21	9.19	8.83	8.82	8.94	8.80	12.03	12.08	11.83	11.18	0.0131
10	1	1	64-QAM	9.53	9.45	9.06	9.00	9.16	8.85	12.28	12.32	11.97		
10	1	1	256-QAM	9.40	9.36	9.01	9.22	9.32	9.03	12.32	12.35	12.03		
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 = -1.17 dB)														
BW	RB	RB	Mod	Antenna 8			Antenna 9			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
15	1	1	QPSK	9.48	9.32	9.45	9.07	9.24	8.92	12.29	12.29	12.20	11.23	0.0133
15	1	36		9.57	9.46	9.04	9.21	9.20	9.05	12.40	12.34	12.06		
15	19	9		9.48	9.43	9.04	9.23	9.24	9.02	12.37	12.35	12.04		
15	1	0		9.48	9.30	9.17	9.04	9.19	8.93	12.28	12.26	12.06		
15	1	37		9.42	9.45	9.16	9.31	9.14	9.04	12.38	12.31	12.11		
15	38	0		9.44	9.36	9.14	9.13	9.24	9.01	12.30	12.31	12.09		
15	1	1	16-QAM	9.26	9.21	9.12	9.18	9.10	8.82	12.23	12.17	11.98	11.20	0.0132
15	1	1	64-QAM	9.54	9.32	9.25	9.07	9.23	9.05	12.32	12.29	12.16		
15	1	1	256-QAM	9.48	9.26	9.26	9.24	9.36	9.14	12.37	12.32	12.21		
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 = -1.17 dB)														
BW	RB	RB	Mod	Antenna 8			Antenna 9			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
20	1	1	QPSK	9.42	9.29	9.14	9.11	9.05	8.97	12.28	12.18	12.07	11.23	0.0133
20	1	49		9.61	9.43	9.08	9.13	9.04	8.97	12.39	12.25	12.04		
20	25	12		9.49	9.33	9.15	9.29	9.19	9.05	12.40	12.27	12.11		
20	1	0		9.42	9.11	9.43	9.06	9.01	9.02	12.25	12.07	12.24		
20	1	50		9.49	9.33	8.98	9.25	9.10	8.98	12.38	12.23	11.99		
20	51	0		9.52	9.34	9.06	9.20	9.20	9.01	12.37	12.28	12.05		
20	1	1	16-QAM	9.41	9.14	9.29	9.16	9.29	8.89	12.30	12.23	12.10	11.21	0.0132
20	1	1	64-QAM	9.61	9.29	9.35	9.09	9.21	9.07	12.37	12.26	12.22		
20	1	1	256-QAM	9.44	9.18	9.27	9.29	9.28	9.13	12.38	12.24	12.21		
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 = -1.17 dB)														
BW	RB	RB	Mod	Antenna 8			Antenna 9			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
30	1	1	QPSK	9.59	9.39	9.21	9.19	9.32	9.27	12.40	12.37	12.25	11.32	0.0136
30	1	76		9.81	9.53	9.17	9.13	9.18	9.34	12.49	12.37	12.27		
30	39	19		9.55	9.50	9.40	9.29	9.30	9.22	12.43	12.41	12.32		
30	1	0		9.53	9.27	9.46	9.24	9.34	9.32	12.40	12.32	12.40		
30	1	77		9.80	9.41	9.06	9.13	9.11	9.16	12.49	12.27	12.12		
30	78	0		9.53	9.41	9.37	9.32	9.24	9.30	12.44	12.34	12.35		
30	1	1	16-QAM	9.46	9.20	9.19	9.12	9.18	9.17	12.30	12.20	12.19	11.36	0.0137
30	1	1	64-QAM	9.61	9.40	9.35	9.33	9.36	9.42	12.48	12.39	12.40		
30	1	1	256-QAM	9.60	9.36	9.38	9.43	9.49	9.50	12.53	12.44	12.45		
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 = -1.17 dB)														
BW	RB	RB	Mod	Antenna 8			Antenna 9			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
40	1	1	QPSK	9.67	9.31	9.35	9.25	9.30	9.21	12.48	12.32	12.29	11.45	0.0140
40	1	104		9.67	9.17	9.09	9.05	9.20	9.11	12.38	12.20	12.11		
40	53	26		9.89	9.50	9.37	9.30	9.28	9.26	12.62	12.40	12.33		
40	1	0		9.59	9.31	9.06	9.19	9.26	9.35	12.40	12.30	12.22		
40	1	105		9.52	9.34	9.22	9.05	9.13	9.18	12.30	12.25	12.21		
40	106	0		9.58	9.42	9.30	9.24	9.36	9.36	12.42	12.40	12.34		
40	1	1	16-QAM	9.49	9.23	9.04	8.95	9.11	9.10	12.24	12.18	12.08	11.30	0.0135
40	1	1	64-QAM	9.74	9.34	9.22	9.16	9.17	9.19	12.47	12.27	12.22		
40	1	1	256-QAM	9.56	9.21	9.20	9.28	9.43	9.50	12.43	12.33	12.36		
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 = -1.17 dB)														
BW	RB	RB	Mod	Antenna 8			Antenna 9			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
10	1	1	QPSK	13.48	13.57	13.23	13.02	13.19	13.11	16.27	16.39	16.18	15.38	0.0345
10	1	22		13.79	13.72	13.16	13.11	13.35	13.17	16.47	16.55	16.18		
10	12	6		13.63	13.64	13.14	13.20	13.41	13.23	16.43	16.54	16.20		
10	1	0		13.59	13.64	13.22	13.00	13.15	13.18	16.32	16.41	16.21		
10	1	23		13.53	13.67	13.02	13.10	13.25	13.15	16.33	16.48	16.10		
10	24	0		13.51	13.68	13.19	13.19	13.37	13.21	16.36	16.54	16.21		
10	1	1	16-QAM	13.36	13.44	13.01	12.90	12.98	12.92	16.15	16.23	15.98	15.30	0.0339
10	1	1	64-QAM	13.53	13.56	13.30	13.11	13.25	13.16	16.34	16.42	16.24		
10	1	1	256-QAM	13.56	13.61	13.30	13.17	13.31	13.22	16.38	16.47	16.27		
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 = -1.17 dB)														
BW	RB	RB	Mod	Antenna 8			Antenna 9			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
15	1	1	QPSK	13.79	13.64	13.51	13.34	13.54	13.30	16.58	16.60	16.42	15.62	0.0365
15	1	36		13.95	13.98	13.15	13.50	13.57	13.54	16.74	16.79	16.36		
15	19	9		13.88	13.88	13.43	13.45	13.61	13.49	16.68	16.76	16.47		
15	1	0		13.89	13.80	13.49	13.35	13.40	13.28	16.64	16.61	16.40		
15	1	37		13.97	13.82	13.10	13.42	13.56	13.47	16.71	16.70	16.30		
15	38	0		13.80	13.70	13.37	13.43	13.45	13.36	16.63	16.59	16.38		
15	1	1	16-QAM	13.75	13.59	13.37	13.07	13.28	13.14	16.43	16.45	16.27	15.54	0.0358
15	1	1	64-QAM	13.85	13.75	13.65	13.28	13.61	13.50	16.58	16.69	16.59		
15	1	1	256-QAM	13.85	13.77	13.55	13.40	13.63	13.48	16.64	16.71	16.53		
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 = -1.17 dB)														
BW	RB	RB	Mod	Antenna 8			Antenna 9			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
20	1	1	QPSK	13.75	13.86	13.52	13.23	13.30	13.26	16.51	16.60	16.40	15.56	0.0360
20	1	49		14.00	13.71	13.08	13.37	13.34	13.21	16.71	16.54	16.16		
20	25	12		13.91	13.89	13.39	13.45	13.52	13.45	16.70	16.72	16.43		
20	1	0		13.94	13.58	13.60	13.49	13.43	13.23	16.73	16.52	16.43		
20	1	50		13.81	13.82	13.29	13.37	13.36	13.45	16.61	16.61	16.38		
20	51	0		13.88	13.76	13.41	13.44	13.54	13.44	16.68	16.66	16.44		
20	1	1	16-QAM	13.99	13.52	13.49	12.96	13.25	13.13	16.52	16.40	16.32	15.49	0.0354
20	1	1	64-QAM	13.82	13.69	13.64	13.22	13.61	13.52	16.54	16.66	16.59		
20	1	1	256-QAM	13.82	13.68	13.62	13.29	13.61	13.37	16.57	16.66	16.51		
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 = -1.17 dB)														
BW	RB	RB	Mod	Antenna 8			Antenna 9			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
25	1	1	QPSK	13.93	13.70	13.66	13.28	13.41	13.41	16.63	16.57	16.55	15.58	0.0361
25	1	63		13.92	13.71	13.13	13.43	13.25	13.38	16.69	16.50	16.27		
25	33	16		13.80	13.77	13.51	13.54	13.56	13.33	16.68	16.68	16.43		
25	1	0		13.81	13.52	13.51	13.28	13.35	13.40	16.56	16.45	16.47		
25	1	64		14.03	13.77	13.27	13.42	13.31	13.36	16.75	16.56	16.33		
25	65	0		13.86	13.83	13.45	13.50	13.52	13.43	16.69	16.69	16.45		
25	1	1	16-QAM	13.76	13.55	13.40	13.38	13.30	13.17	16.58	16.44	16.30	15.57	0.0361
25	1	1	64-QAM	13.93	13.82	13.60	13.36	13.63	13.53	16.66	16.74	16.58		
25	1	1	256-QAM	13.91	13.67	13.62	13.42	13.63	13.55	16.68	16.66	16.60		
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 = -1.17 dB)														
BW	RB	RB	Mod	Antenna 8			Antenna 9			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
30	1	1	QPSK	13.81	13.55	13.57	13.26	13.36	13.59	16.55	16.47	16.59	15.66	0.0368
30	1	76		14.24	14.10	13.27	13.35	13.40	13.90	16.83	16.77	16.61		
30	39	19		13.93	13.81	13.68	13.58	13.60	13.62	16.77	16.72	16.66		
30	1	0		13.78	13.60	13.53	13.30	13.47	13.52	16.56	16.55	16.54		
30	1	77		14.13	13.80	13.29	13.35	13.34	13.64	16.77	16.59	16.48		
30	78	0		13.92	13.74	13.57	13.53	13.53	13.59	16.74	16.65	16.59		
30	1	1	16-QAM	13.69	13.40	13.40	13.11	13.24	13.66	16.42	16.33	16.54	15.55	0.0359
30	1	1	64-QAM	13.93	13.75	13.61	13.47	13.65	13.65	16.72	16.71	16.64		
30	1	1	256-QAM	13.89	13.63	13.61	13.44	13.66	13.73	16.68	16.66	16.68		
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 = -1.17 dB)														
BW	RB	RB	Mod	Antenna 8			Antenna 9			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
40	1	1	QPSK	14.09	13.83	13.39	13.41	13.49	13.75	16.77	16.67	16.58	15.60	0.0363
40	1	104		13.91	13.63	13.37	13.19	13.46	13.29	16.58	16.56	16.34		
40	53	26		13.98	13.78	13.67	13.46	13.56	13.58	16.74	16.68	16.64		
40	1	0		14.01	13.79	13.54	13.39	13.62	13.71	16.72	16.72	16.64		
40	1	105		14.09	13.73	13.33	13.22	13.42	13.45	16.69	16.59	16.40		
40	106	0		13.94	13.74	13.59	13.46	13.54	13.66	16.72	16.65	16.64		
40	1	1	16-QAM	13.99	13.56	13.38	13.09	13.40	13.47	16.57	16.49	16.44	15.65	0.0367
40	1	1	64-QAM	13.94	13.94	13.57	13.60	13.61	13.77	16.78	16.79	16.68		
40	1	1	256-QAM	14.02	13.80	13.49	13.58	13.64	13.74	16.82	16.73	16.63		
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 = -1.17 dB)														
BW	RB	RB	Mod	Antenna 8			Antenna 9			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
50	1	1	QPSK	13.33	13.15	12.92	12.93	12.94	13.03	16.14	16.06	15.99	15.35	0.0343
50	1	131		13.20	13.07	12.89	12.74	12.86	12.91	15.99	15.98	15.91		
50	67	33		13.75	13.64	13.38	13.25	13.24	13.30	16.52	16.45	16.35		
50	1	0		13.50	13.24	13.06	12.87	12.84	12.99	16.21	16.05	16.04		
50	1	132		13.20	12.91	12.72	12.73	12.90	12.97	15.98	15.92	15.86		
50	133	0		13.69	13.55	13.27	13.17	13.16	13.29	16.45	16.37	16.29		
50	1	1	16-QAM	13.24	13.08	12.87	12.74	12.81	12.89	16.01	15.96	15.89	15.07	0.0321
50	1	1	64-QAM	13.43	13.23	13.05	13.03	13.04	13.16	16.24	16.15	16.12		
50	1	1	256-QAM	13.44	13.23	13.01	13.00	13.08	13.11	16.24	16.17	16.07		
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 = -1.17 dB)														
BW	RB	RB	Mod	Antenna 8			Antenna 9			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
60	1	1	QPSK	13.62	13.57	13.35	13.03	12.92	13.16	16.35	16.27	16.27	15.33	0.0341
60	1	160		13.39	12.98	13.10	13.17	13.05	13.14	16.29	16.03	16.13		
60	81	40		13.73	13.53	13.16	13.24	13.28	13.24	16.50	16.42	16.21		
60	1	0		13.64	13.40	13.49	13.07	13.02	13.12	16.37	16.22	16.32		
60	1	161		13.43	13.04	13.05	13.11	13.13	13.15	16.28	16.10	16.11		
60	162	0		13.60	13.49	13.22	13.29	13.22	13.19	16.46	16.37	16.22		
60	1	1	16-QAM	13.45	13.28	13.30	12.91	12.90	12.98	16.20	16.10	16.15	15.24	0.0334
60	1	1	64-QAM	13.56	13.48	13.55	13.17	13.14	13.24	16.38	16.32	16.41		
60	1	1	256-QAM	13.55	13.49	13.53	13.17	13.17	13.27	16.37	16.34	16.41		
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 = -1.17 dB)														
BW	RB	RB	Mod	Antenna 8			Antenna 9			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
70	1	1	QPSK	13.65	13.48	13.49	13.07	12.82	12.95	16.38	16.17	16.24	15.24	0.0334
70	1	187		13.64	13.03	12.96	13.14	12.93	12.95	16.41	15.99	15.97		
70	95	47		13.62	13.36	13.05	13.09	13.22	13.08	16.37	16.30	16.08		
70	1	0		13.46	13.35	13.50	12.93	12.82	13.04	16.21	16.10	16.29		
70	1	188		13.34	12.76	12.71	13.20	12.97	12.98	16.28	15.88	15.86		
70	189	0		13.43	13.24	13.16	13.07	13.06	13.10	16.26	16.16	16.14		
70	1	1	16-QAM	13.24	13.20	13.44	12.77	12.60	12.97	16.02	15.92	16.22	15.31	0.0340
70	1	1	64-QAM	13.37	13.44	13.70	12.99	12.97	13.22	16.19	16.22	16.48		
70	1	1	256-QAM	13.42	13.42	13.60	13.05	13.07	13.20	16.25	16.26	16.41		
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 = -1.17 dB)														
BW	RB	RB	Mod	Antenna 8			Antenna 9			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
80	1	1	QPSK	13.39	13.33	13.33	12.77	12.71	12.88	16.10	16.04	16.12	15.09	0.0323
80	1	215		13.39	12.86	12.84	12.92	12.83	12.93	16.17	15.86	15.90		
80	109	54		13.43	13.33	13.04	13.07	13.05	13.03	16.26	16.20	16.05		
80	1	0		13.39	13.30	13.28	12.83	12.69	12.95	16.13	16.02	16.13		
80	1	216		13.34	12.88	12.86	13.01	13.03	12.91	16.19	15.97	15.90		
80	217	0		13.38	13.16	13.15	13.05	13.01	12.98	16.23	16.10	16.08		
80	1	1	16-QAM	13.22	13.20	13.14	12.47	12.54	12.69	15.87	15.89	15.93	15.04	0.0319
80	1	1	64-QAM	13.37	13.44	13.30	12.96	12.76	13.05	16.18	16.12	16.19		
80	1	1	256-QAM	13.30	13.40	13.36	12.93	12.84	13.04	16.13	16.14	16.21		
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 = -1.17 dB)														
BW	RB	RB	Mod	Antenna 8			Antenna 9			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
90	1	1	QPSK	13.07	13.48	13.10	12.61	12.85	12.97	15.86	16.19	16.05	15.06	0.0321
90	1	243		13.26	13.22	13.05	12.75	13.04	13.02	16.02	16.14	16.05		
90	123	61		13.39	13.39	13.14	13.04	13.03	13.03	16.23	16.22	16.10		
90	1	0		13.06	13.45	13.16	12.68	12.90	12.98	15.88	16.19	16.08		
90	1	244		13.20	13.08	13.01	12.72	13.09	12.95	15.98	16.10	15.99		
90	245	0		13.36	13.18	13.09	13.01	12.98	13.12	16.20	16.09	16.12		
90	1	1	16-QAM	13.20	13.42	13.07	12.73	12.75	12.87	15.98	16.11	15.98	15.22	0.0333
90	1	1	64-QAM	13.28	13.68	13.15	12.90	13.06	13.24	16.10	16.39	16.21		
90	1	1	256-QAM	13.17	13.62	13.17	12.83	12.99	13.15	16.01	16.33	16.17		
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 = -1.17 dB)														
BW	RB	RB	Mod	Antenna 8			Antenna 9			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
100	1	1	QPSK	13.35	13.60	13.10	12.93	13.00	12.94	16.16	16.32	16.03	15.26	0.0336
100	1	271		13.01	13.37	12.94	12.73	13.08	12.87	15.88	16.24	15.92		
100	137	68		13.35	13.34	13.16	13.04	13.03	13.05	16.21	16.20	16.12		
100	1	0		13.45	13.77	13.15	13.06	13.03	12.94	16.27	16.43	16.06		
100	1	272		13.17	13.45	12.96	12.94	13.09	13.00	16.07	16.28	15.99		
100	273	0		13.37	13.35	13.20	13.05	13.00	13.15	16.22	16.19	16.19		
100	1	1	16-QAM	13.22	13.53	12.98	12.67	12.81	12.99	15.96	16.20	16.00	15.21	0.0332
100	1	1	64-QAM	13.56	13.67	13.25	13.02	13.05	13.06	16.31	16.38	16.17		
100	1	1	256-QAM	13.36	13.69	13.18	13.05	13.02	13.11	16.22	16.38	16.16		
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 = -1.17 dB)														
BW	RB	RB	Mod	Antenna 8			Antenna 9			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
10	1	1	QPSK	13.38	13.36	13.12	12.58	12.81	12.60	16.01	16.10	15.88	15.00	0.0316
10	1	22		13.59	13.42	12.90	12.64	12.82	12.77	16.15	16.14	15.85		
10	12	6		13.44	13.39	12.95	12.69	12.91	12.84	16.09	16.17	15.91		
10	1	0		13.56	13.36	13.12	12.65	12.82	12.79	16.14	16.11	15.97		
10	1	23		13.39	13.46	12.86	12.65	12.76	12.69	16.05	16.13	15.79		
10	24	0		13.43	13.43	12.99	12.76	12.85	12.92	16.12	16.16	15.97		
10	1	1	16-QAM	13.24	13.13	13.08	12.51	12.66	12.61	15.90	15.91	15.86	14.97	0.0314
10	1	1	64-QAM	13.43	13.39	13.08	12.66	12.84	12.70	16.07	16.13	15.90		
10	1	1	256-QAM	13.34	13.35	13.07	12.64	12.89	12.72	16.01	16.14	15.91		
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 = -1.17 dB)														
BW	RB	RB	Mod	Antenna 8			Antenna 9			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
15	1	1	QPSK	13.72	13.54	13.45	12.91	13.00	12.85	16.34	16.29	16.17	15.38	0.0345
15	1	36		13.85	13.61	13.17	13.01	12.98	12.98	16.46	16.32	16.09		
15	19	9		13.64	13.68	13.32	13.00	13.08	12.93	16.34	16.40	16.14		
15	1	0		13.68	13.47	13.36	12.98	13.00	12.97	16.35	16.25	16.18		
15	1	37		13.94	13.62	13.13	13.09	12.96	12.89	16.55	16.31	16.02		
15	38	0		13.69	13.56	13.28	12.99	13.03	13.03	16.36	16.31	16.17		
15	1	1	16-QAM	13.47	13.32	13.18	12.77	12.81	12.65	16.14	16.08	15.93	15.28	0.0337
15	1	1	64-QAM	13.70	13.68	13.48	13.00	13.19	12.93	16.37	16.45	16.22		
15	1	1	256-QAM	13.63	13.50	13.42	12.97	13.11	12.96	16.32	16.32	16.21		
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 = -1.17 dB)														
BW	RB	RB	Mod	Antenna 8			Antenna 9			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
20	1	1	QPSK	13.70	13.48	13.58	12.78	12.97	12.79	16.27	16.24	16.21	15.32	0.0340
20	1	49		13.81	13.55	13.11	12.98	12.90	12.90	16.43	16.25	16.02		
20	25	12		13.68	13.68	13.39	12.98	13.05	12.83	16.35	16.39	16.13		
20	1	0		13.68	13.45	13.57	12.94	13.05	12.82	16.34	16.26	16.22		
20	1	50		13.94	13.74	13.16	12.96	12.85	12.88	16.49	16.33	16.03		
20	51	0		13.70	13.58	13.26	13.06	12.98	12.92	16.40	16.30	16.10		
20	1	1	16-QAM	13.50	13.27	13.31	12.60	12.85	12.71	16.08	16.08	16.03	15.16	0.0328
20	1	1	64-QAM	13.55	13.45	13.44	13.06	13.19	12.94	16.32	16.33	16.21		
20	1	1	256-QAM	13.52	13.39	13.43	12.85	12.99	12.91	16.21	16.20	16.19		
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 = -1.17 dB)														
BW	RB	RB	Mod	Antenna 8			Antenna 9			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
25	1	1	QPSK	13.61	13.47	13.46	12.92	13.05	12.91	16.29	16.28	16.20	15.25	0.0335
25	1	63		13.81	13.61	13.03	12.89	12.89	12.84	16.38	16.28	15.95		
25	33	16		13.73	13.57	13.36	13.05	13.00	12.90	16.41	16.30	16.15		
25	1	0		13.57	13.52	13.38	12.91	13.04	12.95	16.26	16.30	16.18		
25	1	64		13.85	13.56	13.05	12.88	12.90	12.84	16.40	16.25	15.96		
25	65	0		13.79	13.58	13.36	12.99	13.01	13.02	16.42	16.31	16.20		
25	1	1	16-QAM	13.56	13.35	13.39	12.94	12.90	12.99	16.27	16.14	16.20	15.28	0.0337
25	1	1	64-QAM	13.78	13.42	13.57	13.07	13.07	13.01	16.45	16.26	16.31		
25	1	1	256-QAM	13.57	13.41	13.42	12.95	13.09	13.09	16.28	16.26	16.27		
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 = -1.17 dB)														
BW	RB	RB	Mod	Antenna 8			Antenna 9			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
30	1	1	QPSK	13.67	13.51	13.48	13.01	13.07	13.05	16.36	16.31	16.28	15.42	0.0348
30	1	76		14.12	13.99	13.16	12.96	13.01	13.37	16.59	16.54	16.28		
30	39	19		13.73	13.70	13.50	13.08	13.18	13.09	16.43	16.46	16.31		
30	1	0		13.66	13.62	13.42	13.04	13.03	13.14	16.37	16.35	16.29		
30	1	77		13.94	13.65	13.24	12.93	13.05	13.04	16.47	16.37	16.15		
30	78	0		13.81	13.67	13.46	13.04	13.16	13.07	16.45	16.43	16.28		
30	1	1	16-QAM	13.59	13.30	13.42	12.77	12.90	13.14	16.21	16.11	16.29	15.22	0.0333
30	1	1	64-QAM	13.66	13.50	13.55	12.94	13.18	13.21	16.33	16.35	16.39		
30	1	1	256-QAM	13.56	13.41	13.39	13.03	13.09	13.16	16.31	16.26	16.29		
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 = -1.17 dB)														
BW	RB	RB	Mod	Antenna 8			Antenna 9			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
40	1	1	QPSK	13.78	13.54	13.42	13.10	13.19	13.25	16.46	16.38	16.35	15.30	0.0339
40	1	104		13.81	13.51	13.26	13.07	12.98	13.11	16.47	16.26	16.20		
40	53	26		13.77	13.69	13.44	13.00	13.11	13.09	16.41	16.42	16.28		
40	1	0		13.77	13.52	13.31	13.11	13.18	13.28	16.46	16.36	16.31		
40	1	105		13.71	13.41	13.19	13.06	13.08	13.20	16.41	16.26	16.21		
40	106	0		13.82	13.71	13.50	12.98	13.13	13.15	16.43	16.44	16.34		
40	1	1	16-QAM	13.86	13.36	13.36	12.89	13.27	13.16	16.41	16.33	16.27	15.40	0.0347
40	1	1	64-QAM	13.88	13.73	13.66	13.00	13.27	13.46	16.47	16.52	16.57		
40	1	1	256-QAM	13.73	13.46	13.37	13.01	13.06	13.17	16.40	16.27	16.28		
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 = -1.17 dB)														
BW	RB	RB	Mod	Antenna 8			Antenna 9			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
50	1	1	QPSK	13.48	13.22	12.88	12.68	12.72	12.61	16.11	15.99	15.76	15.02	0.0318
50	1	131		13.24	12.87	12.71	12.60	12.54	12.59	15.94	15.72	15.66		
50	67	33		13.54	13.35	13.05	12.78	12.84	12.71	16.19	16.11	15.89		
50	1	0		13.48	13.15	12.78	12.69	12.76	12.65	16.11	15.97	15.73		
50	1	132		13.21	12.80	12.76	12.64	12.53	12.55	15.94	15.68	15.67		
50	133	0		13.51	13.25	12.91	12.75	12.77	12.69	16.16	16.03	15.81		
50	1	1	16-QAM	13.29	13.05	12.78	12.50	12.69	12.59	15.92	15.88	15.70	14.93	0.0311
50	1	1	64-QAM	13.45	13.24	13.09	12.70	12.77	12.77	16.10	16.02	15.94		
50	1	1	256-QAM	13.38	13.19	12.85	12.69	12.78	12.74	16.06	16.00	15.81		
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 = -1.17 dB)														
BW	RB	RB	Mod	Antenna 8			Antenna 9			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
60	1	1	QPSK	13.42	13.30	13.15	12.49	12.56	12.57	15.99	15.96	15.88	14.95	0.0313
60	1	160		13.15	12.92	12.77	12.69	12.65	12.63	15.94	15.80	15.71		
60	81	40		13.48	13.31	13.02	12.71	12.81	12.80	16.12	16.08	15.92		
60	1	0		12.24	13.23	13.21	11.63	12.53	12.66	14.96	15.90	15.95		
60	1	161		13.14	12.85	12.77	12.73	12.67	12.65	15.95	15.77	15.72		
60	162	0		13.33	13.22	12.96	12.70	12.78	12.71	16.04	16.02	15.85		
60	1	1	16-QAM	13.28	13.11	13.08	12.52	12.37	12.50	15.93	15.77	15.81	14.96	0.0313
60	1	1	64-QAM	13.57	13.25	13.29	12.62	12.59	12.67	16.13	15.94	16.00		
60	1	1	256-QAM	13.28	13.20	13.08	12.58	12.55	12.64	15.95	15.90	15.88		
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 = -1.17 dB)														
BW	RB	RB	Mod	Antenna 8			Antenna 9			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
70	1	1	QPSK	13.29	13.18	13.33	12.55	12.49	12.65	15.95	15.86	16.01	14.84	0.0305
70	1	187		13.18	12.67	12.67	12.67	12.65	12.56	15.94	15.67	15.63		
70	95	47		13.25	13.18	12.87	12.57	12.69	12.69	15.93	15.95	15.79		
70	1	0		13.27	13.22	13.31	12.53	12.48	12.64	15.93	15.88	16.00		
70	1	188		13.10	12.65	12.60	12.67	12.63	12.50	15.90	15.65	15.56		
70	189	0		13.19	13.06	12.90	12.61	12.57	12.58	15.92	15.83	15.75		
70	1	1	16-QAM	13.05	13.20	13.24	12.44	12.34	12.55	15.77	15.80	15.92	14.98	0.0315
70	1	1	64-QAM	13.27	13.21	13.48	12.60	12.47	12.76	15.96	15.87	16.15		
70	1	1	256-QAM	13.12	13.11	13.26	12.54	12.53	12.70	15.85	15.84	16.00		
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 = -1.17 dB)														
BW	RB	RB	Mod	Antenna 8			Antenna 9			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
80	1	1	QPSK	13.11	13.24	13.09	12.40	12.42	12.60	15.78	15.86	15.86	14.79	0.0301
80	1	215		13.14	12.71	12.58	12.47	12.43	12.45	15.83	15.58	15.53		
80	109	54		13.21	13.21	12.83	12.60	12.68	12.66	15.93	15.96	15.76		
80	1	0		13.08	13.22	13.09	12.35	12.37	12.63	15.74	15.83	15.88		
80	1	216		13.14	12.64	12.54	12.60	12.49	12.46	15.89	15.58	15.51		
80	217	0		13.15	13.07	12.96	12.60	12.56	12.59	15.89	15.83	15.79		
80	1	1	16-QAM	12.91	13.11	13.01	12.36	12.41	12.68	15.65	15.78	15.86	14.84	0.0305
80	1	1	64-QAM	13.16	13.35	13.29	12.40	12.47	12.68	15.81	15.94	16.01		
80	1	1	256-QAM	13.01	13.20	13.06	12.41	12.43	12.71	15.73	15.84	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 = -1.17 dB)														
BW	RB	RB	Mod	Antenna 8			Antenna 9			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
90	1	1	QPSK	13.06	13.31	13.02	12.34	12.32	12.69	15.73	15.85	15.87	14.90	0.0309
90	1	243		13.04	12.76	12.68	12.40	12.58	12.66	15.74	15.68	15.68		
90	123	61		13.18	13.09	12.97	12.65	12.59	12.75	15.93	15.86	15.87		
90	1	0		12.97	13.39	12.92	12.27	12.71	12.64	15.64	16.07	15.79		
90	1	244		13.04	12.95	12.75	12.31	12.73	12.73	15.70	15.85	15.75		
90	245	0		13.17	13.00	13.03	12.60	12.57	12.66	15.90	15.80	15.86		
90	1	1	16-QAM	12.81	12.96	12.90	12.04	12.18	12.51	15.45	15.60	15.72	14.77	0.0300
90	1	1	64-QAM	12.99	13.22	13.12	12.34	12.36	12.74	15.69	15.82	15.94		
90	1	1	256-QAM	12.91	13.10	12.95	12.34	12.31	12.76	15.64	15.73	15.87		
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 = -1.17 dB)														
BW	RB	RB	Mod	Antenna 8			Antenna 9			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
100	1	1	QPSK	13.27	13.46	13.06	12.43	12.58	12.50	15.88	16.05	15.80	14.88	0.0308
100	1	271		12.92	13.07	12.85	12.59	12.62	12.60	15.77	15.86	15.74		
100	137	68		13.20	13.18	13.06	12.67	12.65	12.73	15.95	15.93	15.91		
100	1	0		13.23	13.43	12.99	12.45	12.56	12.54	15.87	16.03	15.78		
100	1	272		12.94	13.12	12.84	12.58	12.67	12.56	15.77	15.91	15.71		
100	273	0		13.22	13.09	13.05	12.68	12.60	12.63	15.97	15.86	15.86		
100	1	1	16-QAM	13.19	13.32	12.86	12.34	12.41	12.41	15.80	15.90	15.65	15.01	0.0317
100	1	1	64-QAM	13.24	13.58	13.02	12.37	12.72	12.53	15.84	16.18	15.79		
100	1	1	256-QAM	13.20	13.33	12.96	12.47	12.65	12.59	15.86	16.01	15.79		
Limit	EIRP < 23dBm/10MHz			Result									Pass	

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

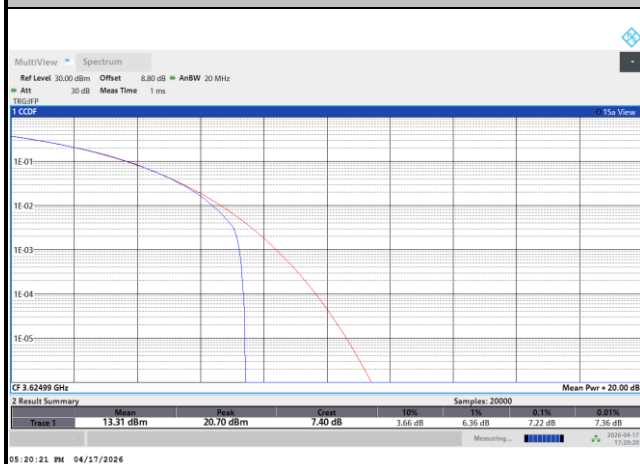
**FR1 n77_Part96****MIMO <Ant. 8+9> (Ant. 8)****Peak-to-Average Ratio**

Mode	FR1 n77 / 20MHz / CP OFDM				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	7.22	7.14	6.98	8.60	PASS

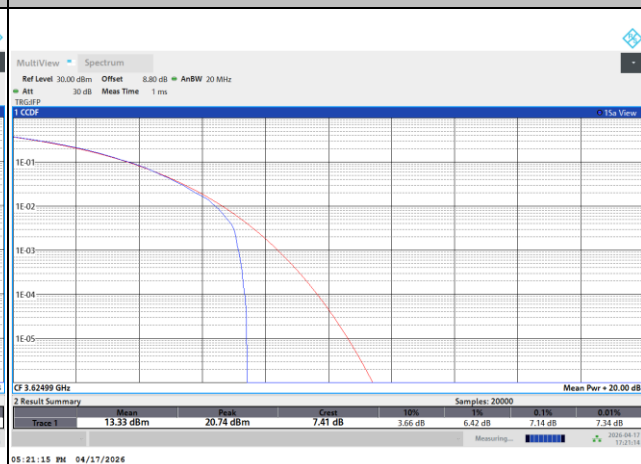


FR1 n77 / 20MHz /CP OFDM / Middle Channel / Full RB

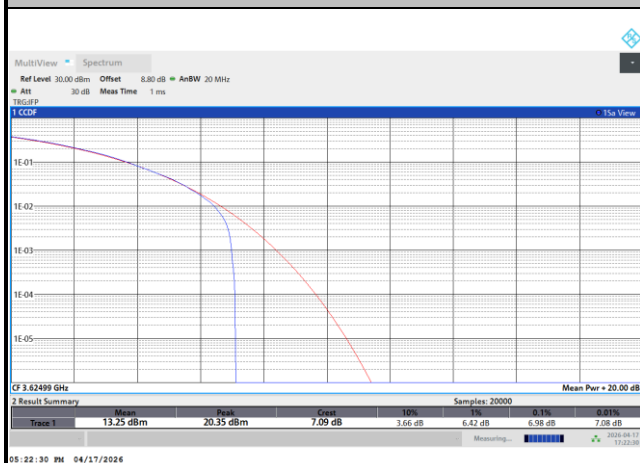
QPSK



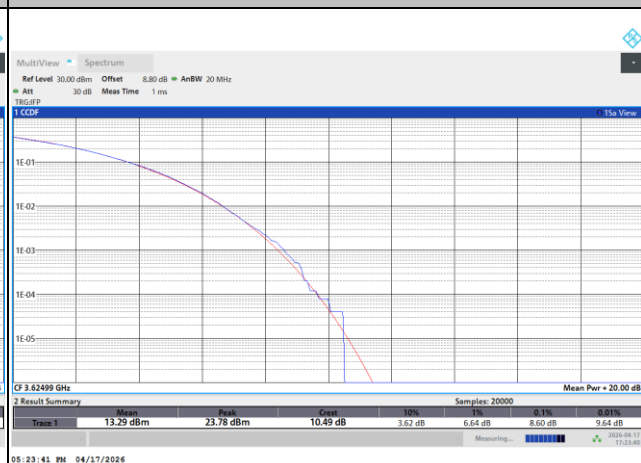
16QAM



64QAM



256QAM



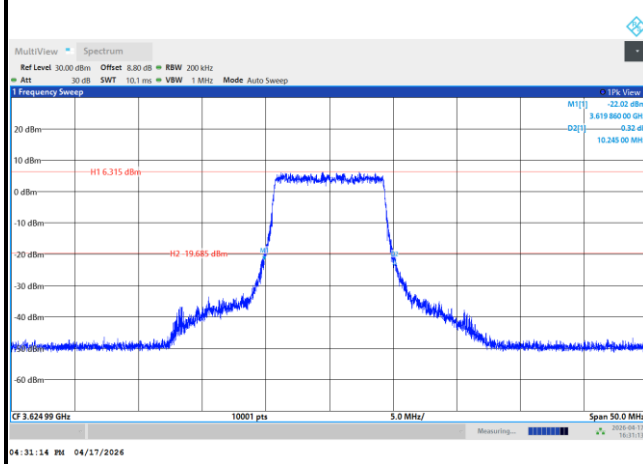
**26dB Bandwidth**

Mode	FR1 n77 : 26dB BW(MHz) / CP OFDM							
BW	10MHz		15MHz		20MHz		25MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	10.24	10.16	15.53	15.34	20.90	21.18	26.21	26.00
BW	30MHz		40MHz		50MHz		60MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	30.79	30.94	40.84	41.01	50.53	50.66	62.88	62.85
BW	70MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	72.69	72.67	82.57	82.78	92.75	92.77	102.83	102.85

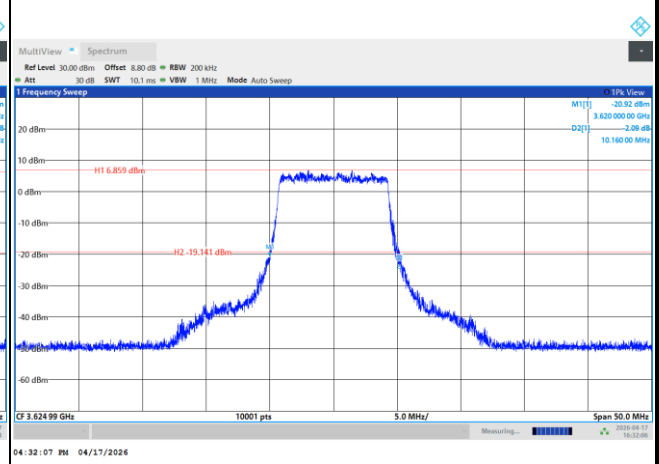


FR1 n77 / 10MHz / CP OFDM / Middle Channel / Full RB

QPSK

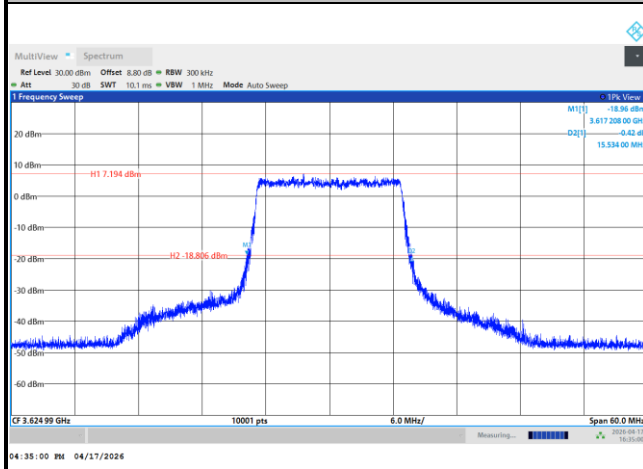


16QAM

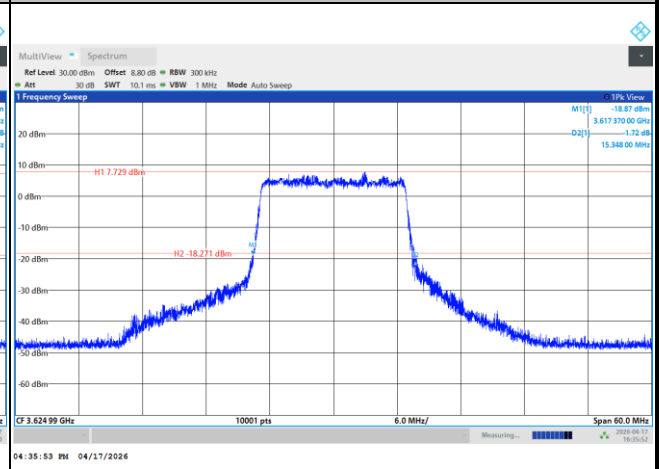


FR1 n77 / 15MHz / CP OFDM / Middle Channel / Full RB

QPSK



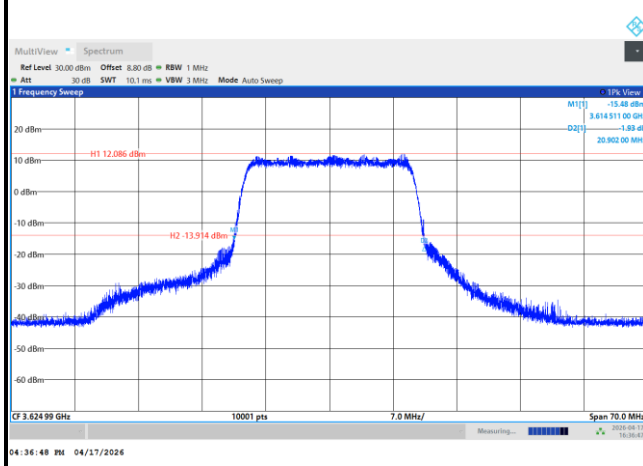
16QAM



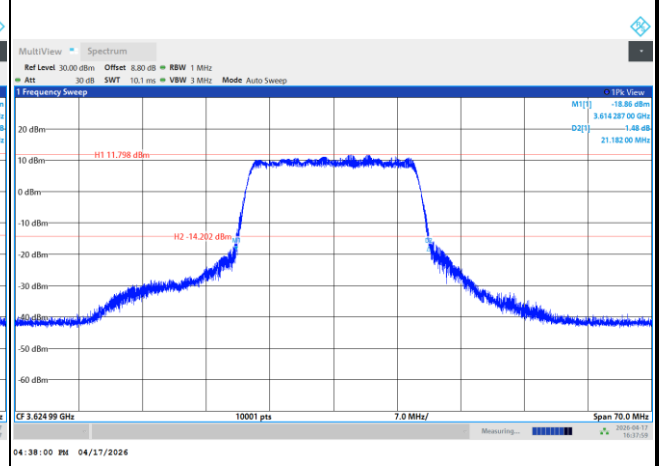


FR1 n77 / 20MHz / CP OFDM / Middle Channel / Full RB

QPSK

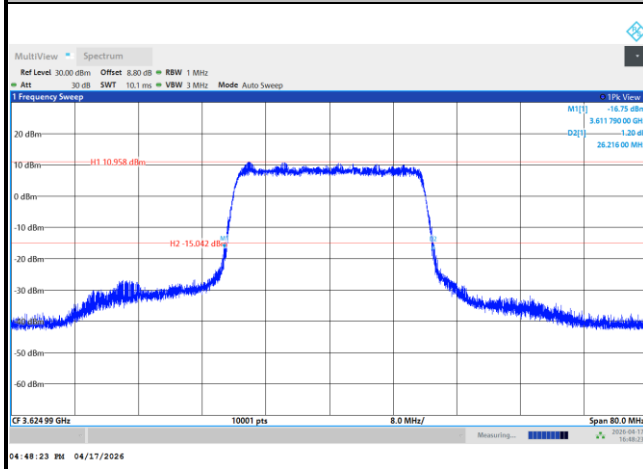


16QAM

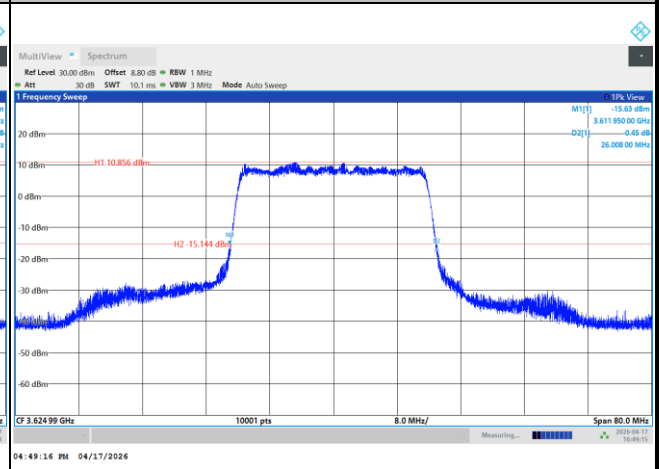


FR1 n77 / 25MHz / CP OFDM / Middle Channel / Full RB

QPSK



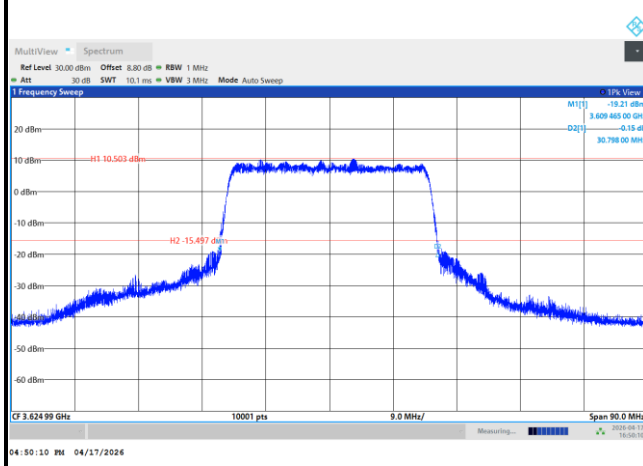
16QAM



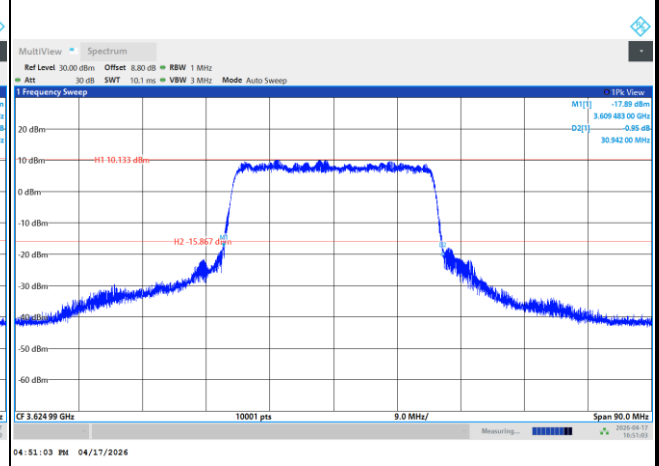


FR1 n77 / 30MHz / CP OFDM / Middle Channel / Full RB

QPSK

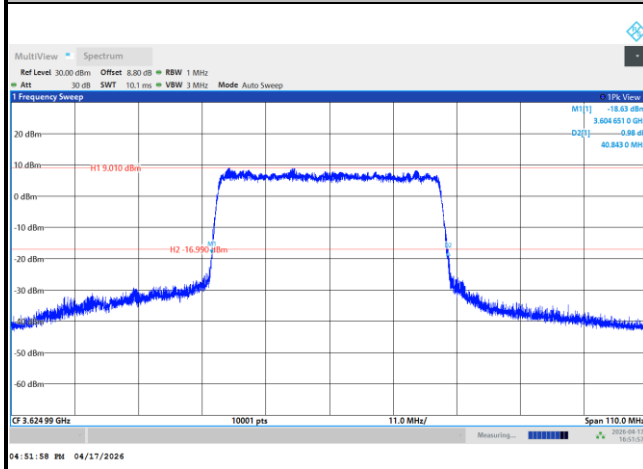


16QAM

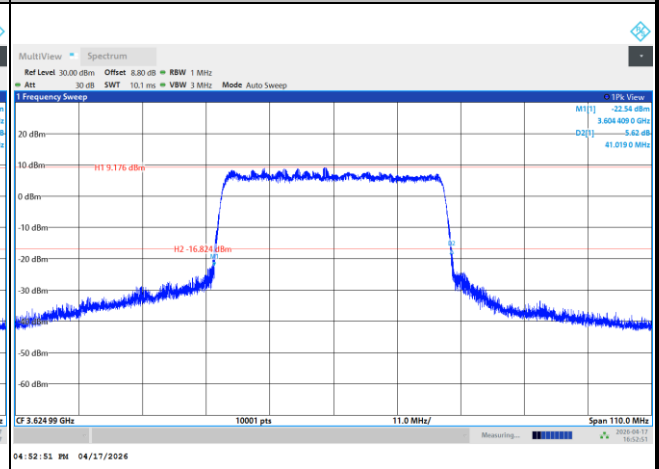


FR1 n77 / 40MHz / CP OFDM / Middle Channel / Full RB

QPSK



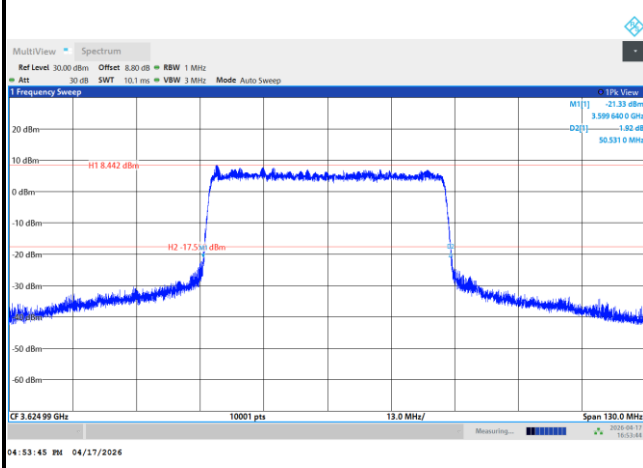
16QAM



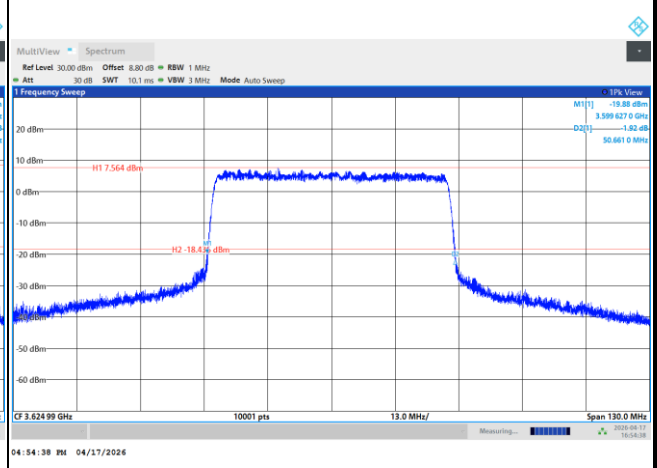


FR1 n77 / 50MHz / CP OFDM / Middle Channel / Full RB

QPSK

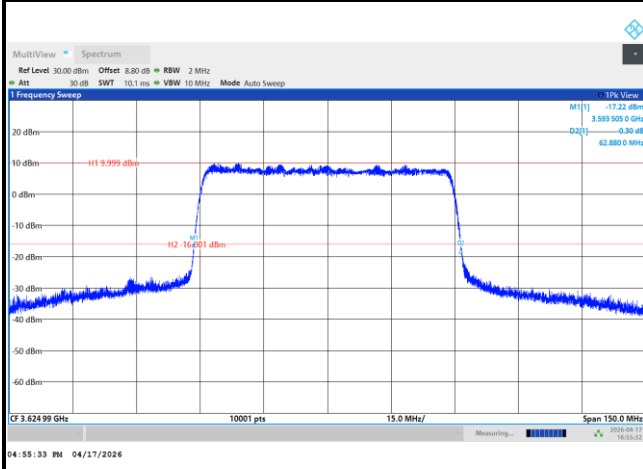


16QAM

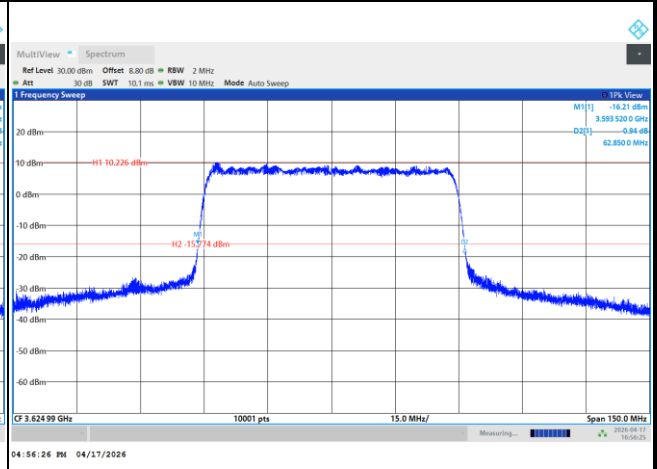


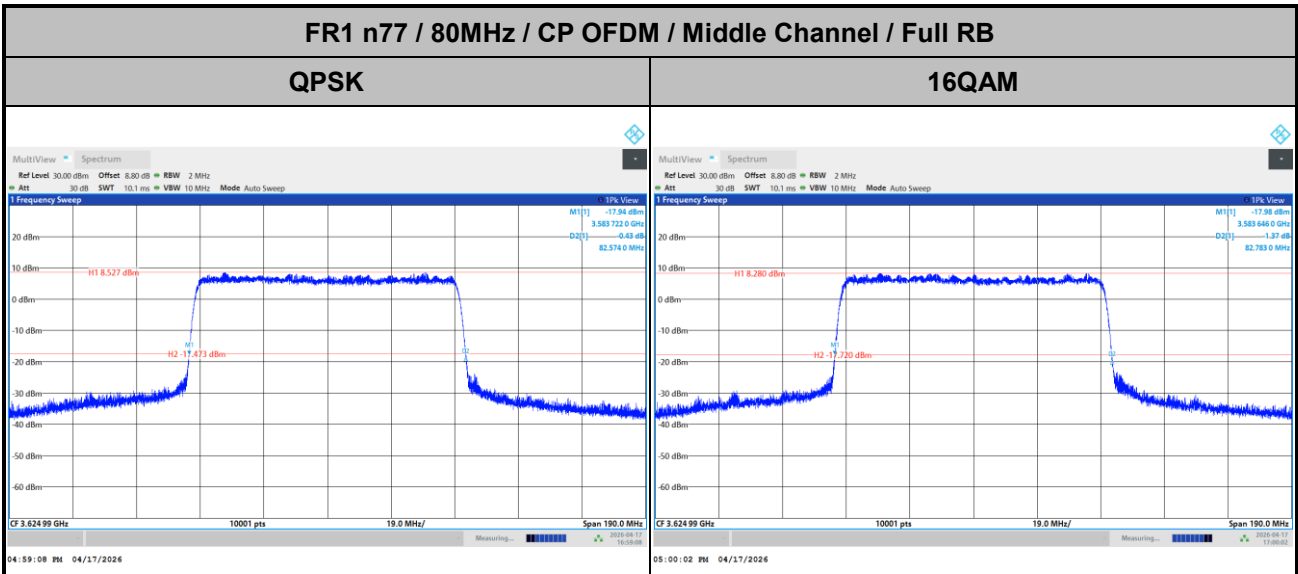
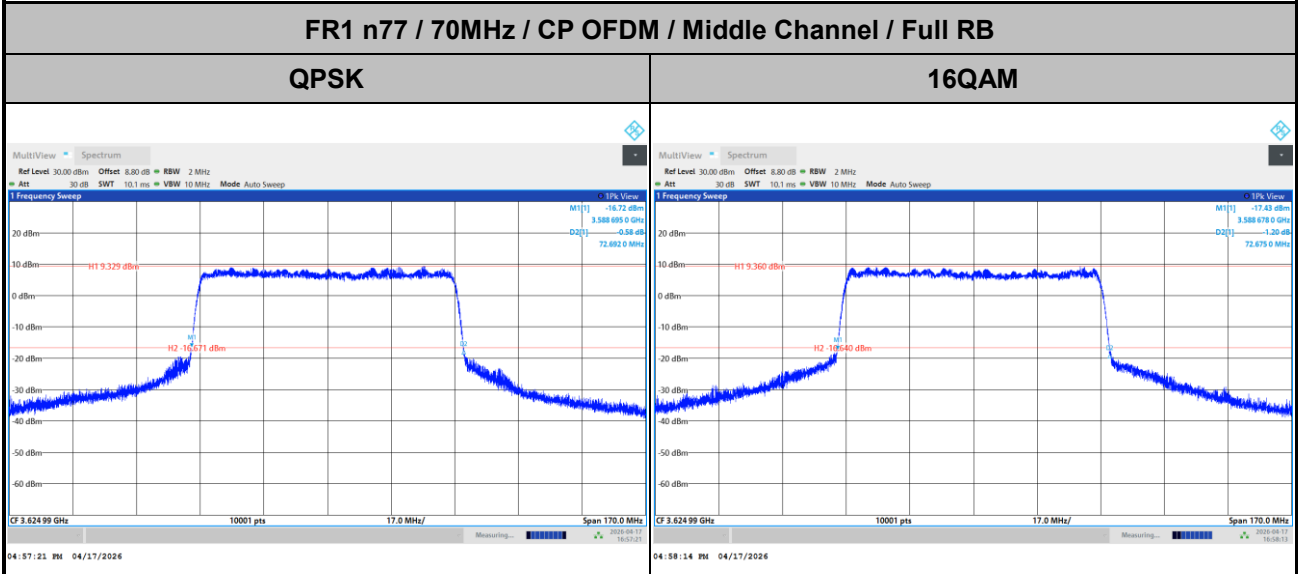
FR1 n77 / 60MHz / CP OFDM / Middle Channel / Full RB

QPSK



16QAM

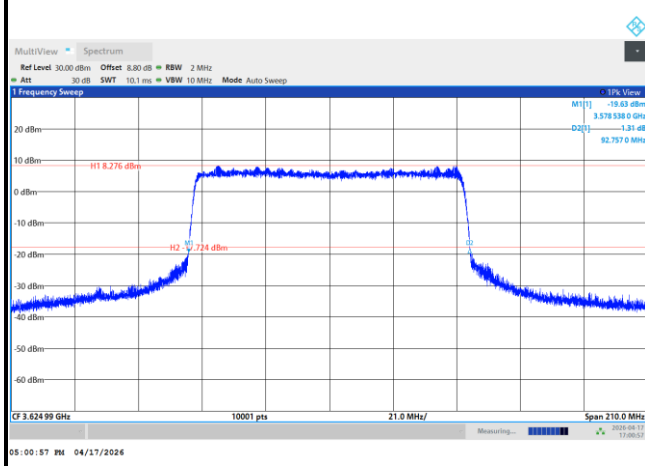




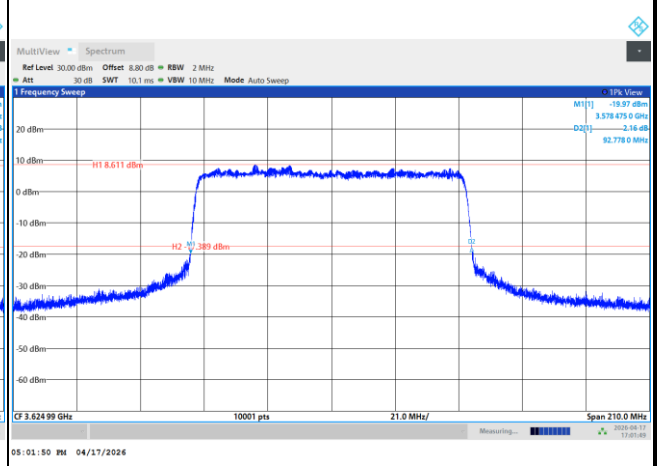


FR1 n77 / 90MHz / CP OFDM / Middle Channel / Full RB

QPSK

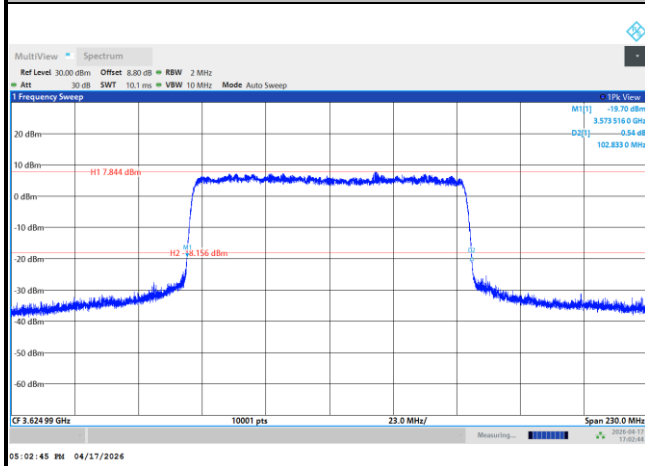


16QAM

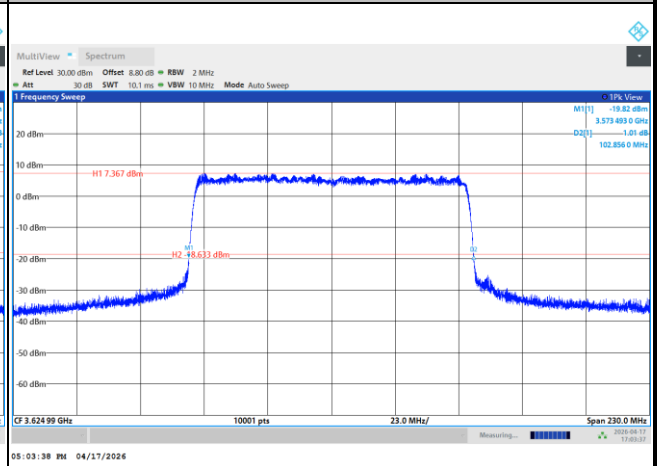


FR1 n77 / 100MHz / CP OFDM / Middle Channel / Full RB

QPSK



16QAM



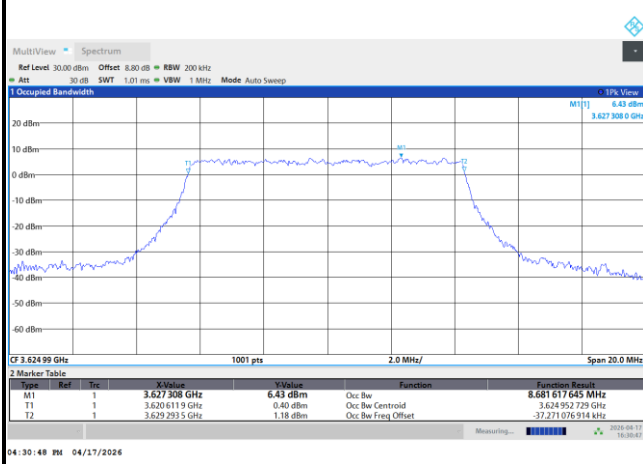
**Occupied Bandwidth**

Mode	FR1 n77 : OB BW(MHz) / CP OFDM							
BW	10MHz		15MHz		20MHz		25MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	8.68	8.64	13.71	13.65	18.63	18.67	23.61	23.57
BW	30MHz		40MHz		50MHz		60MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	28.17	28.17	38.05	37.99	47.66	47.55	58.77	58.49
BW	70MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	68.18	68.02	77.68	77.88	88.04	87.84	97.54	97.61

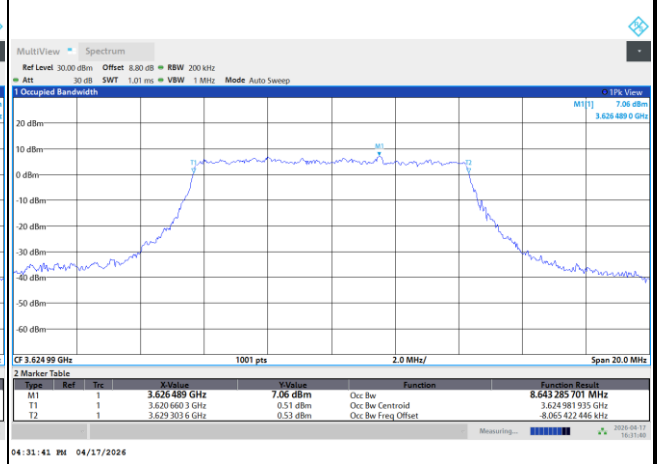


FR1 n77 / 10MHz / CP OFDM / Middle Channel / Full RB

QPSK

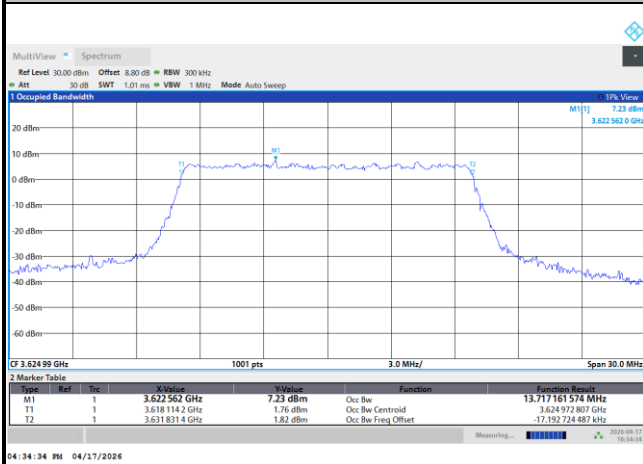


16QAM

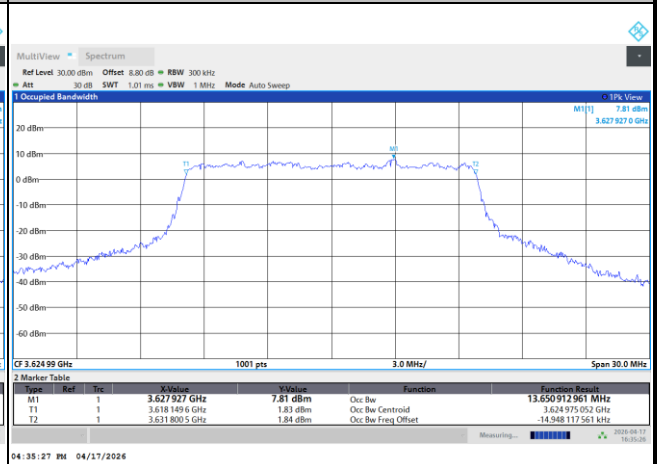


FR1 n77 / 15MHz / CP OFDM / Middle Channel / Full RB

QPSK



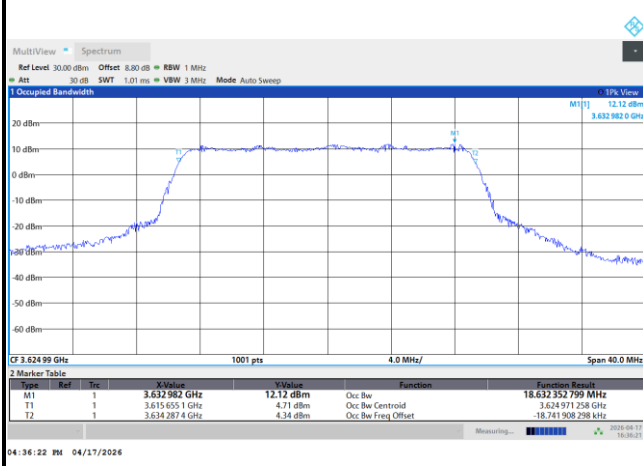
16QAM



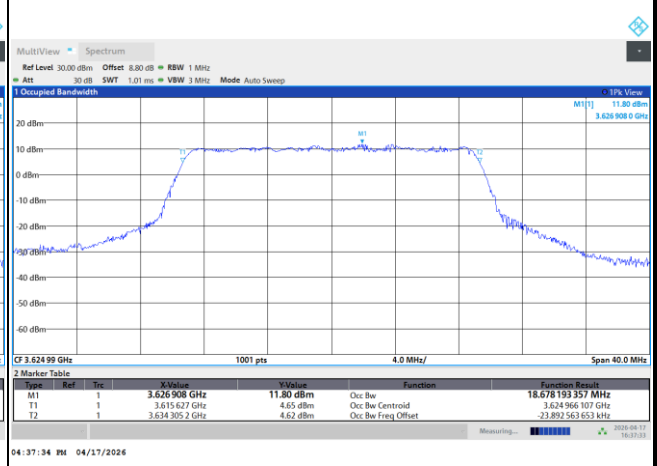


FR1 n77 / 20MHz / CP OFDM / Middle Channel / Full RB

QPSK

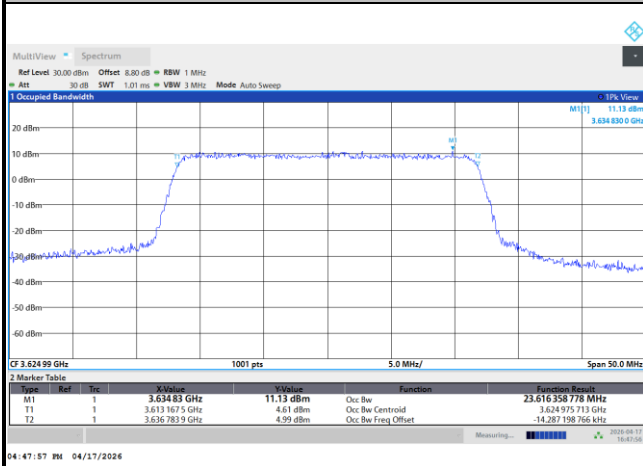


16QAM

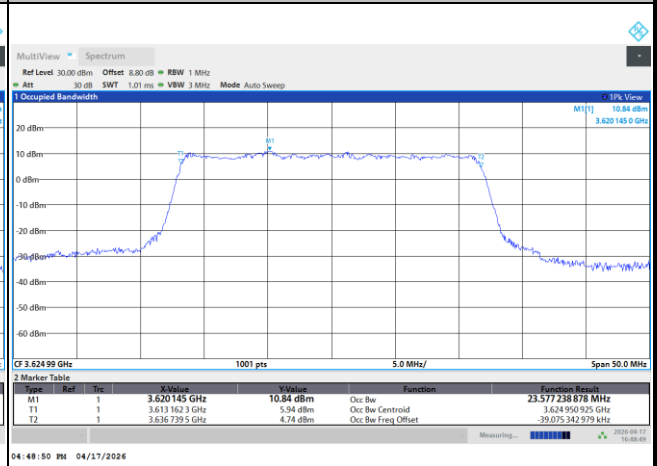


FR1 n77 / 25MHz / CP OFDM / Middle Channel / Full RB

QPSK



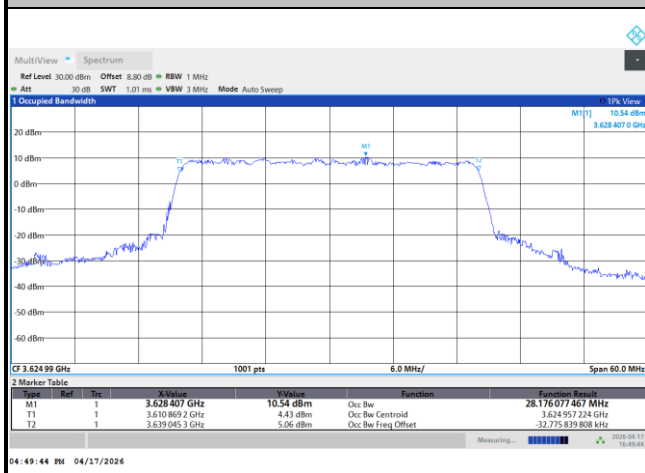
16QAM



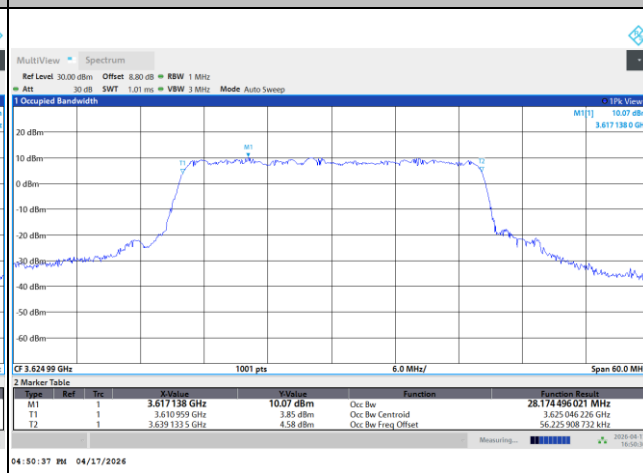


FR1 n77 / 30MHz / CP OFDM / Middle Channel / Full RB

QPSK

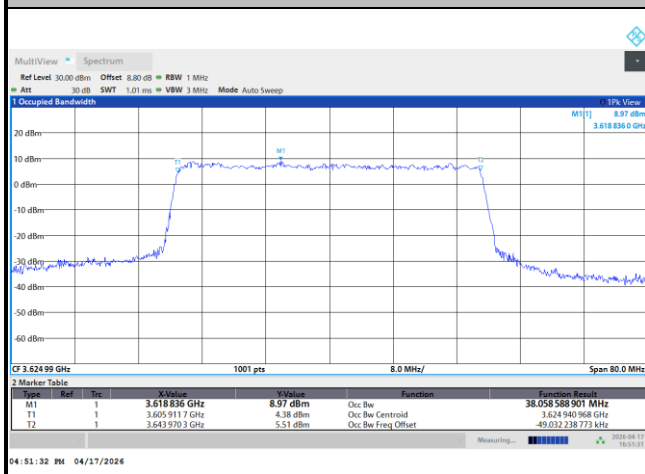


16QAM

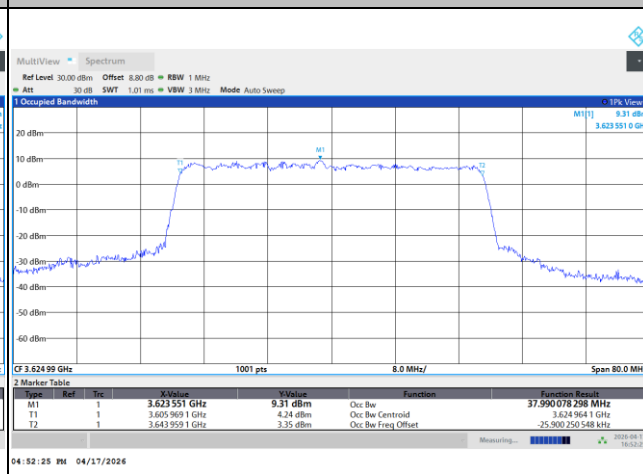


FR1 n77 / 40MHz / CP OFDM / Middle Channel / Full RB

QPSK



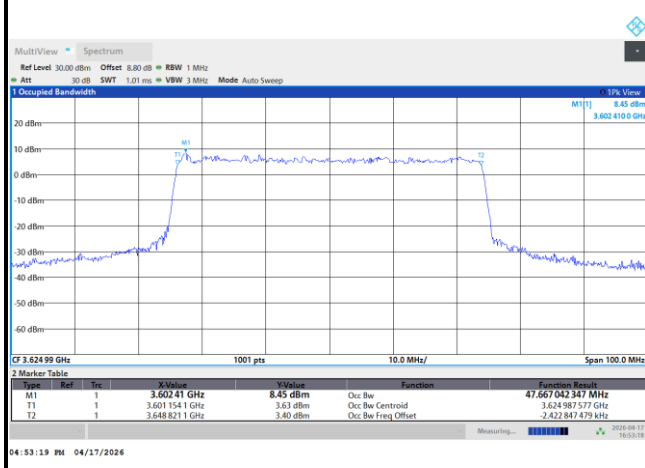
16QAM



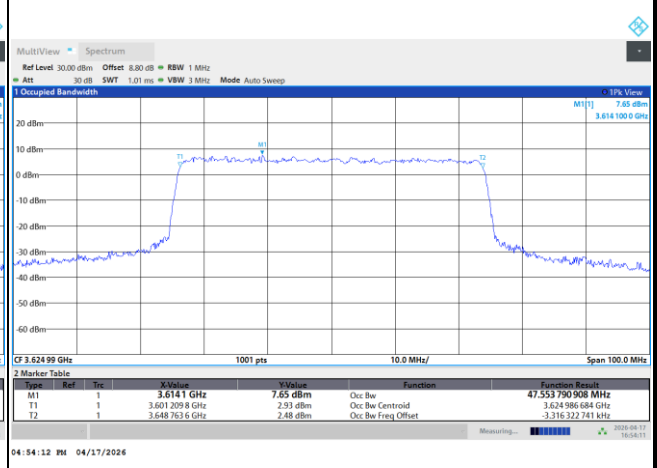


FR1 n77 / 50MHz / CP OFDM / Middle Channel / Full RB

QPSK

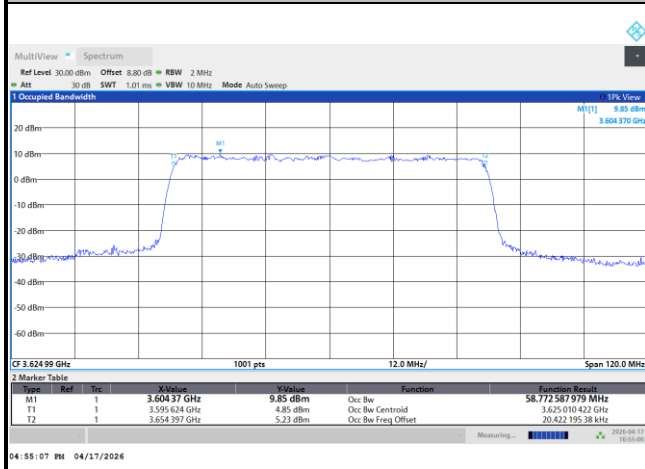


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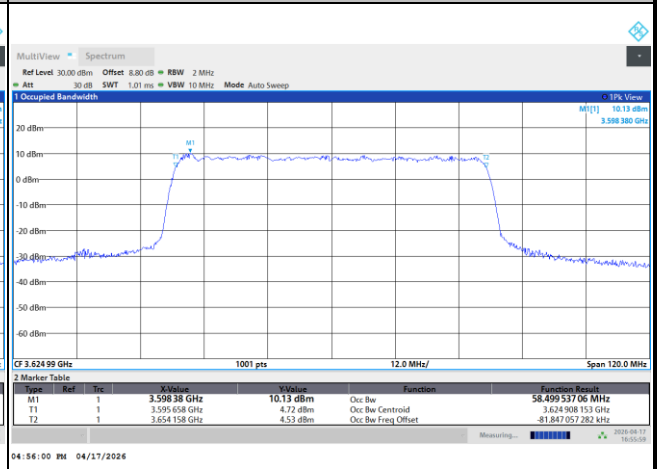


FR1 n77 / 60MHz / CP OFDM / Middle Channel / Full RB

QPSK



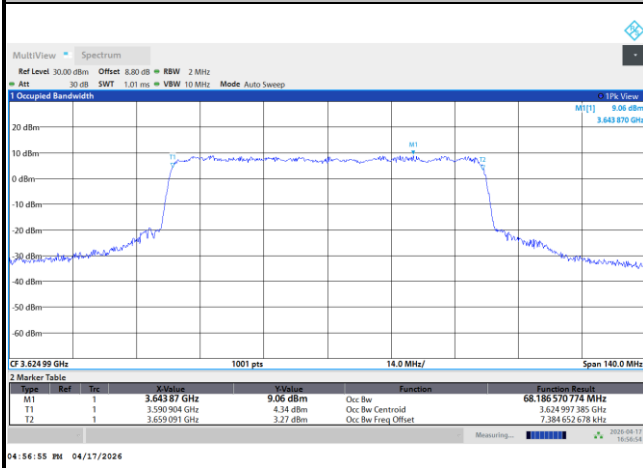
16QAM



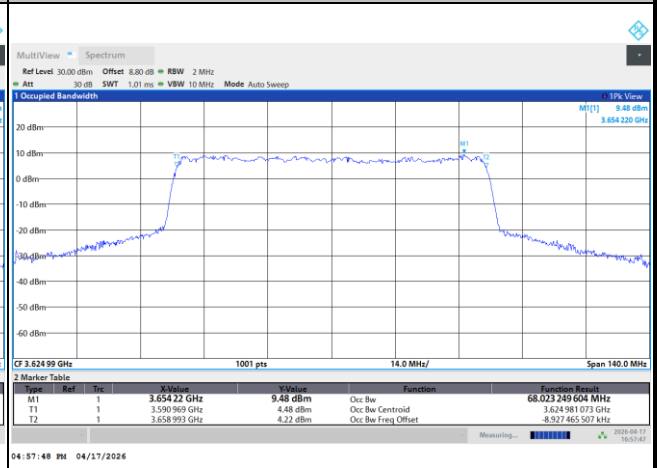


FR1 n77 / 70MHz / CP OFDM / Middle Channel / Full RB

QPSK

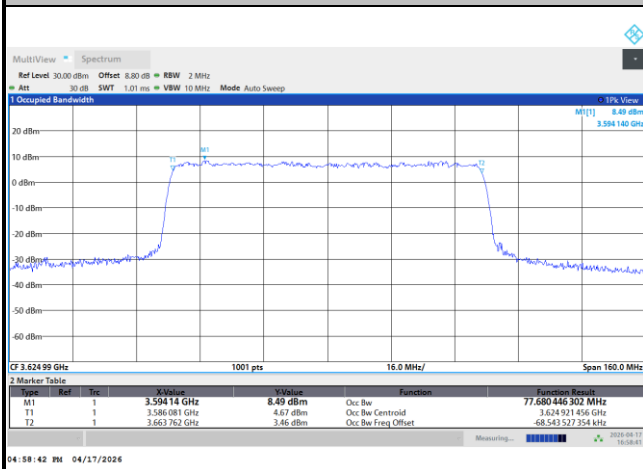


16QAM

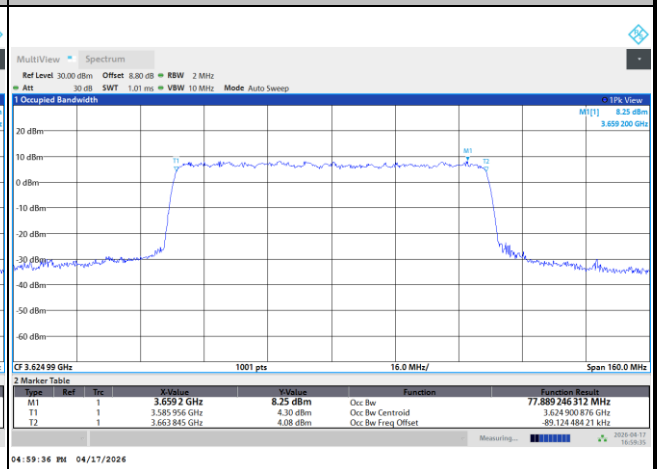


FR1 n77 / 80MHz / CP OFDM / Middle Channel / Full RB

QPSK



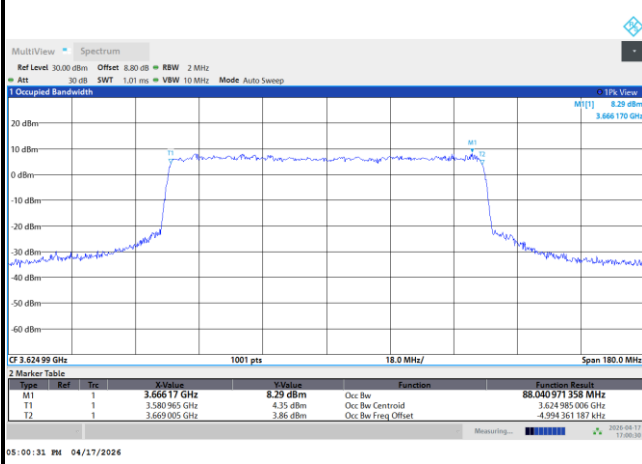
16QAM



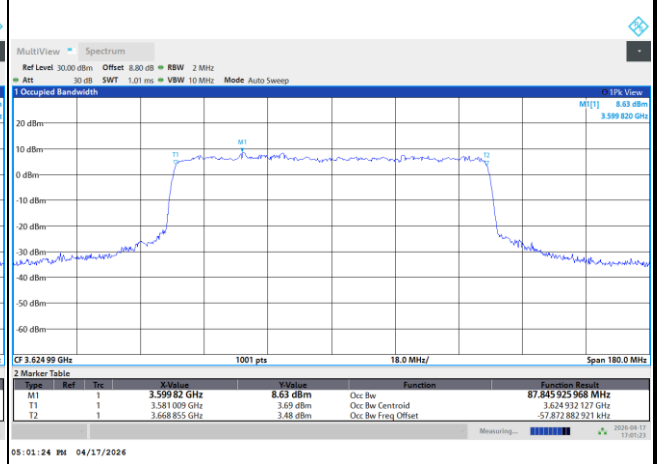


FR1 n77 / 90MHz / CP OFDM / Middle Channel / Full RB

QPSK

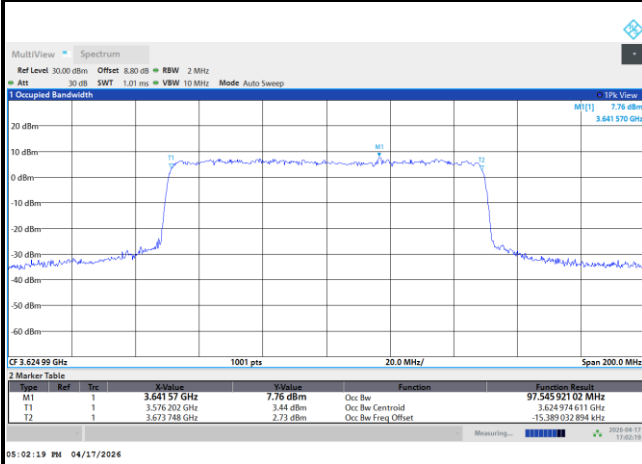


16QAM

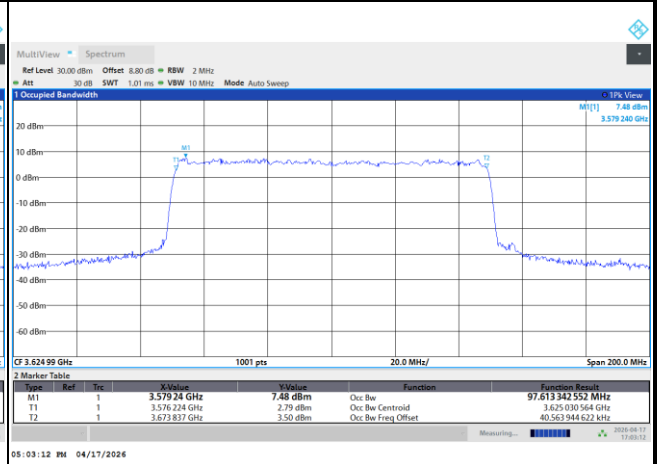


FR1 n77 / 100MHz / CP OFDM / Middle Channel / Full RB

QPSK



16QAM



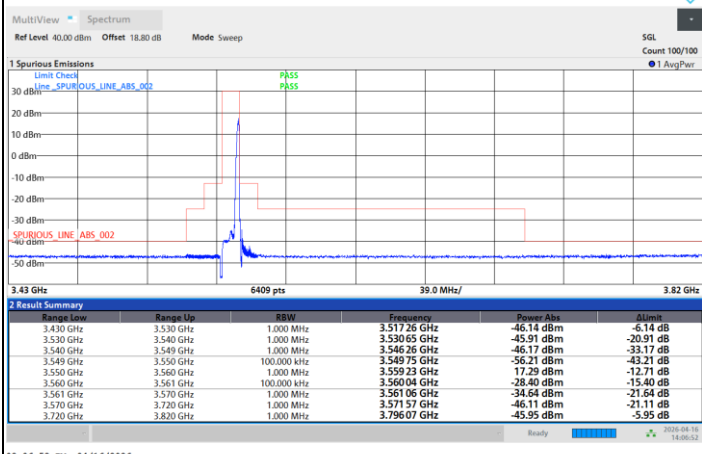
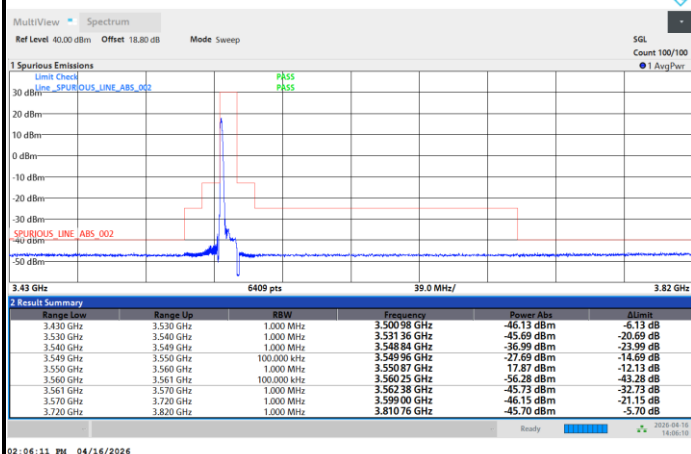
**Unwanted Emission (MASK)**

FR1 n77 / 10MHz / CP OFDM / QPSK

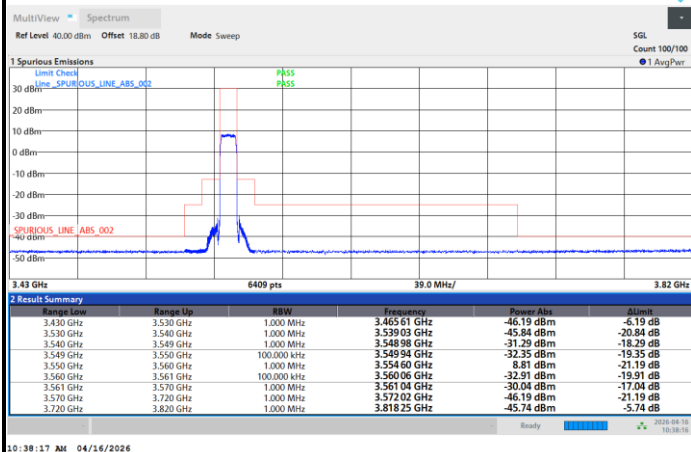
Lowest Channel

1RB0

1RBmax



Full RB



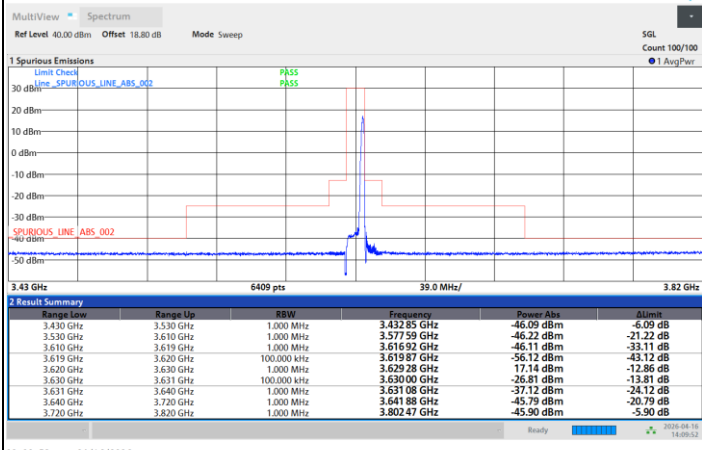
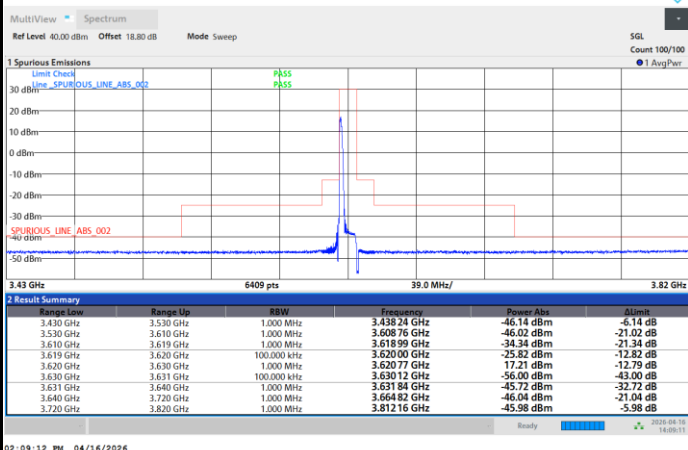


FR1 n77 / 10MHz / CP OFDM / QPSK

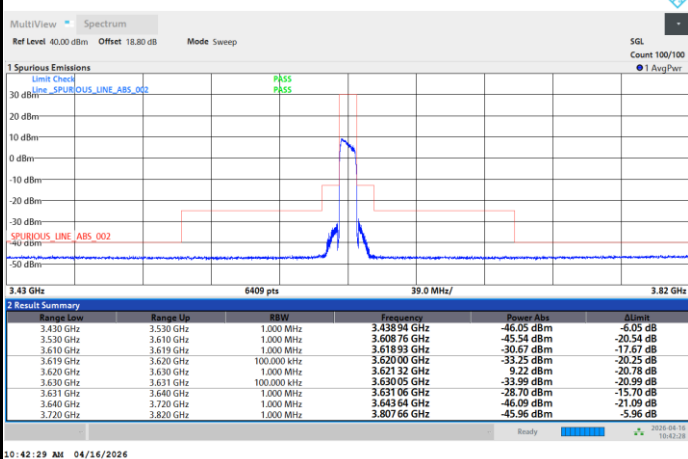
Middle Channel

1RB0

1RBmax



Full RB



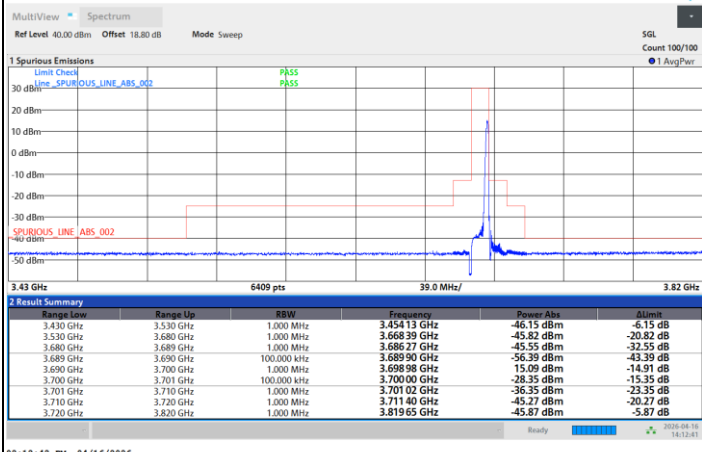
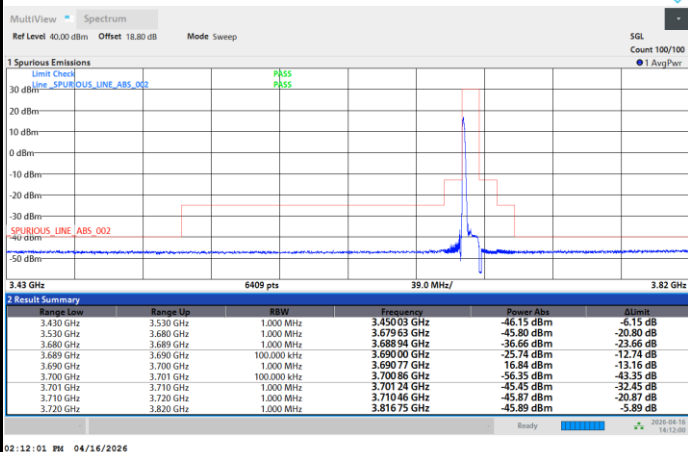


FR1 n77 / 10MHz / CP OFDM / QPSK

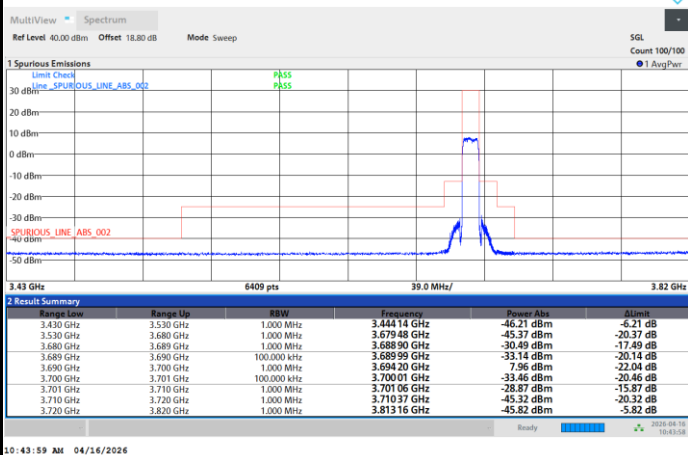
Highest Channel

1RB0

1RBmax



Full RB



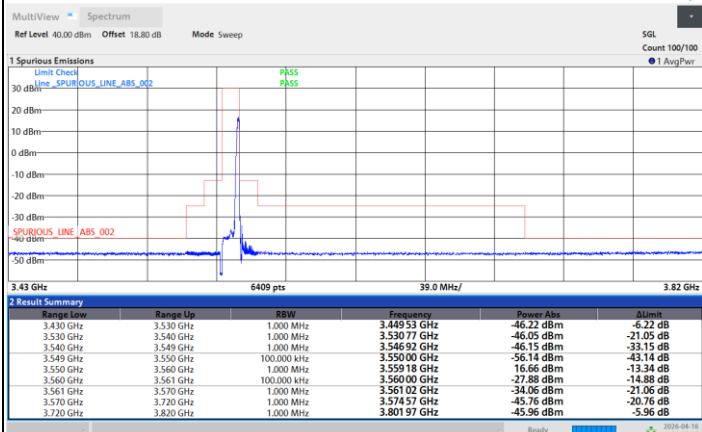
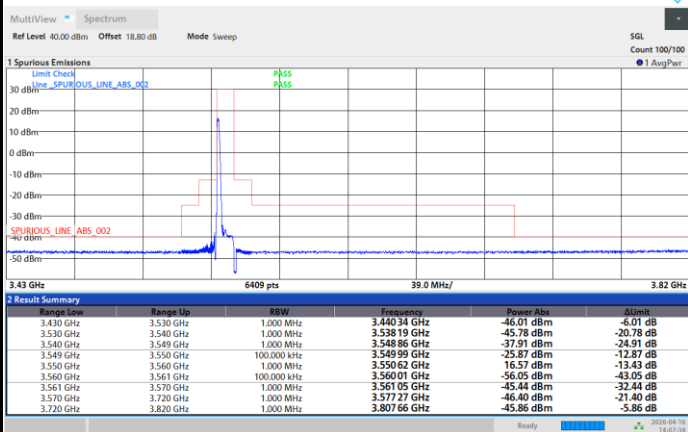


FR1 n77 / 10MHz / CP OFDM / 16QAM

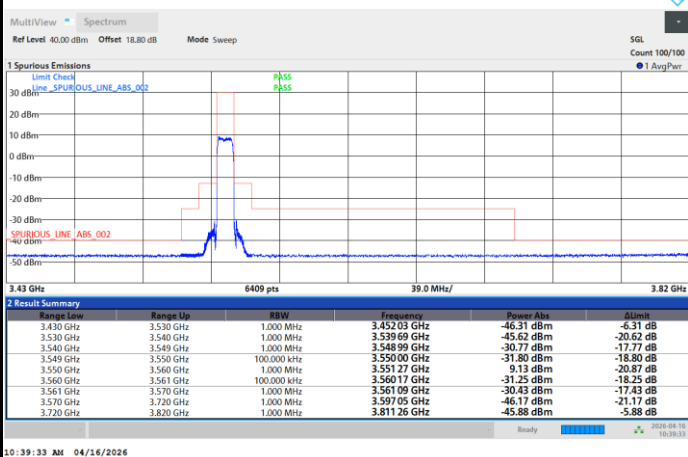
Lowest Channel

1RB0

1RBmax



Full RB



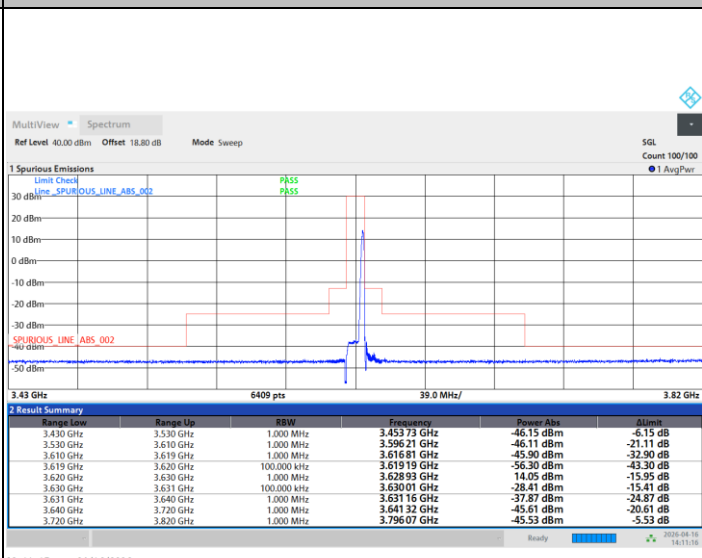
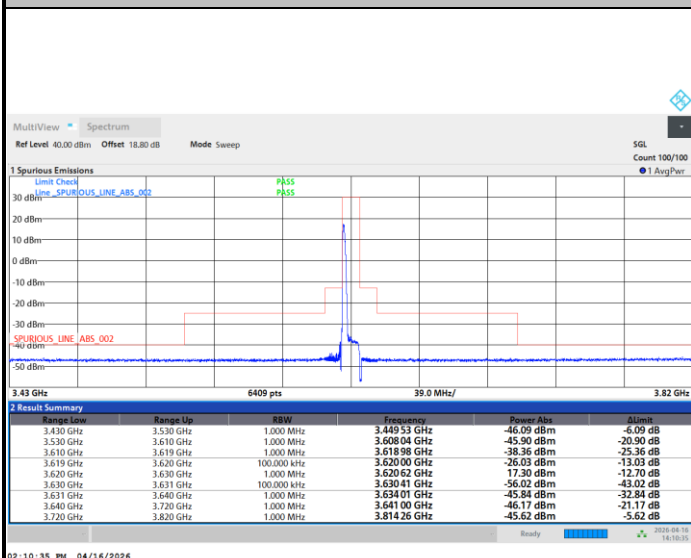


FR1 n77 / 10MHz / CP OFDM / 16QAM

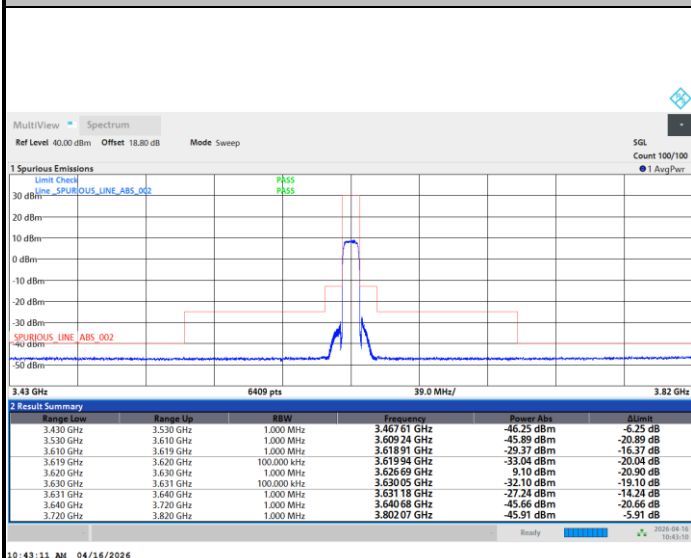
Middle Channel

1RB0

1RBmax



Full RB



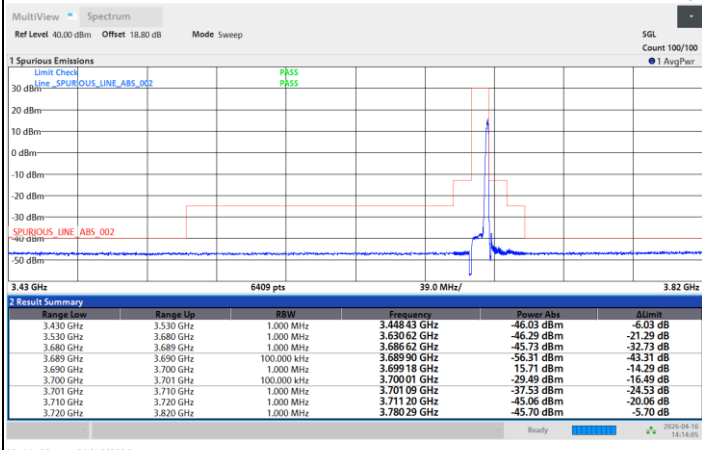
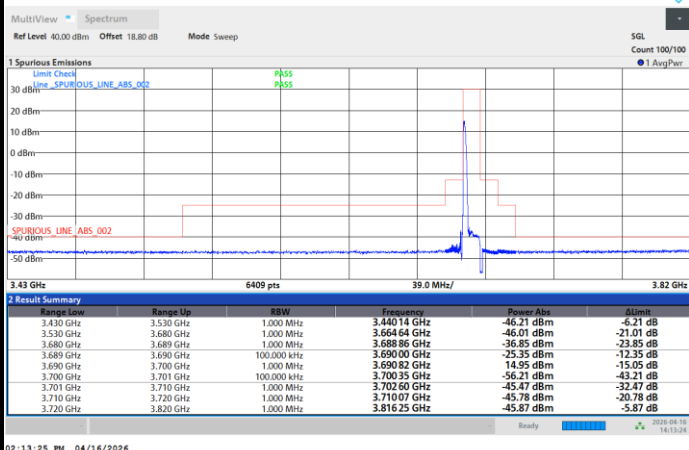


FR1 n77 / 10MHz / CP OFDM / 16QAM

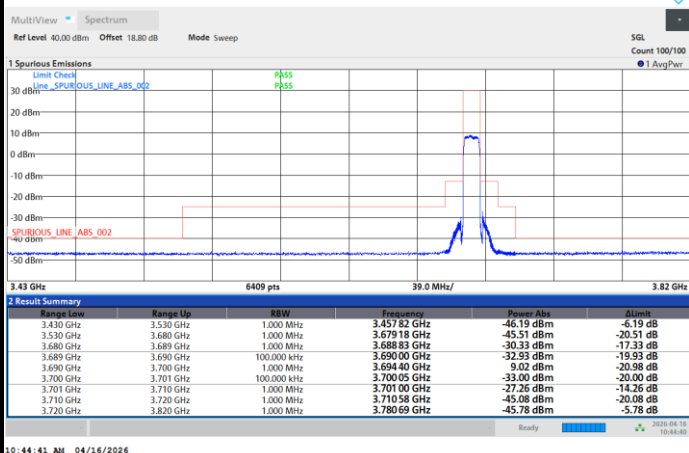
Highest Channel

1RB0

1RBmax



Full RB

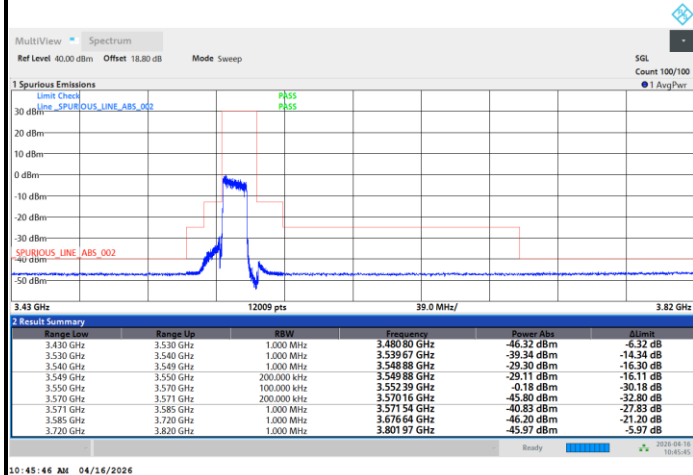




FR1 n77 / 15MHz / CP OFDM / QPSK

Lowest Channel

Full RB



FR1 n77 / 15MHz / CP OFDM / QPSK

Middle Channel

Full RB

