FCC RF Test Report

APPLICANT	:	**Lenovo(Shanghai) Electronics Technology Co., Ltd.**
EQUIPMENT	:	**Portable Tablet Computer**
BRAND NAME	:	**Lenovo**
MODEL NAME	:	**TB361ZU**
FCC ID	:	**O57TB361ZU**
STANDARD	:	**47 CFR Part 96**
CLASSIFICATION	:	**Citizens Band End User Devices (CBE)**
EQUIPMENT TYPE	:	**End User Equipment**
TEST DATE(S)	:	**Jul. 10, 2025 ~ Jul. 25, 2025**

We, Sporton International Inc. (ShenZhen), would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.26-2015 and shown compliance with the applicable technical standards.

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

Fly Liang

Approved by: Fly Liang

ACCREDITED Cert #5145.01

Sporton International Inc. (ShenZhen)

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People's Republic of China

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History of this test report

Report No.	Version	Description	Issued Date
FG560902H	01	Initial issue of report	Jul. 29, 2025

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.2	§2.1046	Conducted Output Power	Reporting only	-
-	§96.41	Peak-to-Average Ratio	Not Applicable	Not applicable for End User Devices
3.3	§96.41	Maximum E.I.R.P	Pass	-
		Maximum Power Spectral Density	Not Applicable	Not applicable for End User Devices
3.4	§2.1049 §96.41	Occupied Bandwidth	Reporting only	-
3.5	§2.1051 §96.41	Conducted Band Edge Measurement Adjacent Channel Leakage Ratio	Pass	-
3.6	§2.1051 §96.41	Conducted Spurious Emission	Pass	
3.7	§2.1055	Frequency Stability for Temperature & Voltage	Pass	-
4.4	§2.1051 §96.41	Radiated Spurious Emission	Pass	Under limit 9.97 dB at 14308.00 MHz

Conformity Assessment Condition:
1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacturer who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account. 2. The measurement uncertainty please refer to each test result in the section “Measurement Uncertainty”
Disclaimer:
The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

1 General Description

1.1 Applicant

Lenovo(Shanghai) Electronics Technology Co., Ltd.
Section 304-305, Building No. 4, # 222, Meiyue Road, China (Shanghai) Pilot Free Trade Zone

1.2 Manufacturer

Lenovo PC HK Limited
23/F, Lincoln House, Taikoo Place 979 King's Road, Quarry Bay, Hong Kong, China

1.3 Feature of Equipment Under Test

Product Feature	
Equipment	Portable Tablet Computer
Brand Name	Lenovo
Model Name	TB361ZU
FCC ID	O57TB361ZU
Tx/Rx Frequency	5G NR n77/n78: 3550 MHz ~ 3700 MHz
SCS	30kHz
Bandwidth	n77/n78: 10 / 15 / 20 / 25 / 30 / 40 / 50 / 60 / 70 / 80 / 90 / 100MHz
Antenna Gain	**<Ant. 2>** 5G NR n77: -2 dBi 5G NR n78: -2.3 dBi **<Ant. 0>** 5G NR n77: -0.9 dBi 5G NR n78: -1.18 dBi **<Ant. 3>** 5G NR n77: -0.34 dBi 5G NR n78: -0.34 dBi **<Ant. 4>** 5G NR n77: -1.31 dBi 5G NR n78: -1.31 dBi
Type of Modulation	DFT-s-OFDM (PI/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM) CP-OFDM (QPSK / 16QAM / 64QAM / 256QAM)
IMEI Code	Conducted : 867009070008886 Radiation : 867009070017424
HW Version	TB361ZU
SW Version	Lenovo ZUI 17.0
EUT Stage	Identical Prototype

Remark:

1. The maximum EIRP is calculated from max output power and max antenna gain, only the maximum EIRP is shown in the report, 5G NR n77/n78 for Antenna 2.
2. 5G NR n77/n78 support SA and NSA mode. The whole testing has assessed SA mode for n77 by referring to the higher conducted power for conducted test items.
3. All the supported EN-DC combinations are verified conducted power, only the EN-DC combination with highest power are shown in the report.
4. The EN-DC mode combination could be referred to the product spec.

1.4 Maximum EIRP Power and Emission Designator

5G NR n77		PI/2 BPSK / QPSK		16QAM/64QAM/256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
10	3555.00 ~ 3694.98	0.1524	8M56G7D	0.1225	8M58W7D
15	3557.52 ~ 3692.49	0.1483	13M5G7D	0.1199	13M6W7D
20	3560.01 ~ 3690.00	0.1500	18M2G7D	0.1208	18M2W7D
25	3562.50 ~ 3687.50	0.1507	23M2G7D	0.1219	23M3W7D
30	3565.02 ~ 3684.99	0.1510	27M9G7D	0.1213	27M9W7D
40	3570.00 ~ 3679.98	0.1517	37M8G7D	0.1216	37M9W7D
50	3575.01 ~ 3675.00	0.1528	47M4G7D	0.1194	47M6W7D
60	3580.02 ~ 3669.99	0.1489	58M0G7D	0.1202	57M9W7D
70	3585.00 ~ 3664.98	0.1466	67M5G7D	0.1189	67M6W7D
80	3590.01 ~ 3660.00	0.1496	77M5G7D	0.1191	77M6W7D
90	3595.02 ~ 3654.99	0.1489	87M4G7D	0.1194	87M6W7D
100	3600.00 ~ 3649.98	0.1549	97M5G7D	0.1250	97M5W7D

5G NR n78		PI/2 BPSK / QPSK		16QAM / 64QAM / 256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
10	3555.00 ~ 3694.98	0.1387	8M56G7D	0.1119	8M58W7D
15	3557.52 ~ 3692.49	0.1380	13M5G7D	0.1094	13M6W7D
20	3560.01 ~ 3690.00	0.1390	18M2G7D	0.1132	18M2W7D
25	3562.50 ~ 3687.50	0.1358	23M2G7D	0.1107	23M3W7D
30	3565.02 ~ 3684.99	0.1371	27M9G7D	0.1089	27M9W7D
40	3570.00 ~ 3679.98	0.1393	37M8G7D	0.1099	37M9W7D
50	3575.01 ~ 3675.00	0.1377	47M4G7D	0.1064	47M6W7D
60	3580.02 ~ 3669.99	0.1340	58M0G7D	0.1091	57M9W7D
70	3585.00 ~ 3664.98	0.1368	67M5G7D	0.1089	67M6W7D
80	3590.01 ~ 3660.00	0.1365	77M5G7D	0.1102	77M6W7D
90	3595.02 ~ 3654.99	0.1380	87M4G7D	0.1109	87M6W7D
100	3600.00 ~ 3649.98	0.1416	97M5G7D	0.1140	97M5W7D

Note:

1. 5G NR Band n77 overlaps the entire frequency range of Band n78, and n77 power > n78 power, therefore the conducted test results of n77 provided in this report cover n78.
2. All modulations have been tested, and only the worst test results of PSK & QAM are shown in the report.

1.5 Testing Site

Sporton International Inc. (ShenZhen) is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.01.

Test Firm	Sporton International Inc. (ShenZhen)		
Test Site Location	101, 1st Floor, Block B, Building 1, No. 2, Tengfeng 4th Road, Fenghuang Community, Fuyong Street, Baoan District, Shenzhen City, Guangdong Province 518103 People's Republic of China TEL: +86-755-86066985		
Test Site No.	**Sporton Site No.**	**FCC Designation No.**	**FCC Test Firm Registration No.**
	TH01-SZ 03CH02-SZ	CN1256	421272

1.6 Test Software

Item	Site	Manufacture	Name	Version
1.	03CH02-SZ	AUDIX	E3	6.2009-8-24a

1.7 Applied Standards

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

- ANSI C63.26-2015
- 47 CFR Part 96
- FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01
- FCC KDB 940660 D01 Part 96 CBRS v03
- FCC KDB 412172 D01 Determining ERP and EIRP v01r01

Remark:

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.

2 Test Configuration of Equipment Under Test

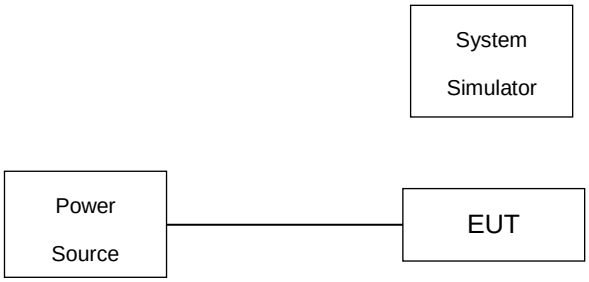
2.1 Test Mode

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

For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases (Z plane) were recorded in this report.

Test Items	5G NR	Bandwidth (MHz)												Modulation					RB #		Test Channel		
		10	15	20	25	30	40	50	60	70	80	90	100	PI/2 BPSK	QPSK	16 QAM	64 QAM	256 QAM	1	Full	L	M	H
Max. Output Power	n77	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	n78	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
Adjacent Channel Leakage Ratio	n77	v						v					v	v	v				v	v	v	v	v
26dB and 99% Bandwidth	n77	v	v	v	v	v	v	v	v	v	v	v	v		v	v	v	v		v		v	
Conducted Band Edge	n77	v	v	v	v	v	v	v	v	v	v	v	v	v	v				v	v	v	v	v
Conducted Spurious Emission	n77	v						v					v	v	v				v		v	v	v
Frequency Stability	n77			v											v					v		v	
E.I.R.P	n77	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	n78	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
Radiated Spurious Emission	n77	Worst Case																				v	
Note	1. The mark "**v** " means that this configuration is chosen for testing 2. The mark "-" means that this bandwidth is not supported. 3. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported. 4. Based on engineering evaluation, only the worst modulations test results are shown in the report. 5. Frequency Stability：Normal Voltage = 3.91V ；Low Voltage =3.50V.；High Voltage =4.50V																						

2.2 Connection Diagram of Test System



This example is connection diagram of EUT test configurations.

. For detail, please refer to test mode configuration and setup photographs for each test item.

2.3 Support Unit used in test configuration

Item	Equipment	Trade Name	Model No.	FCC ID	Data Cable	Power Cord
1.	Power Supply	GWINSTEK	PSS-2002	N/A	N/A	Unshielded, 1.8 m
2.	LTE Base Station	Anritsu	MT8820C	N/A	N/A	Unshielded, 1.8 m
3.	NR Base Station	Anritsu	MT8000A	N/A	N/A	Unshielded, 1.8 m

2.4 Measurement Results Explanation Example

For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss 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

Following shows an offset computation example with cable loss 8.9 dB.

Example :

Offset(dB) = RF cable loss(dB).

= 8.9 (dB)

2.5 Frequency List of Low/Middle/High Channels

5G n77/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	3585.0	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	637500	641666	645832
	Frequency	3562.5	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

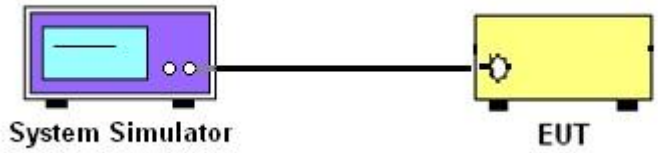
3 Conducted Test Items

3.1 Measuring Instruments

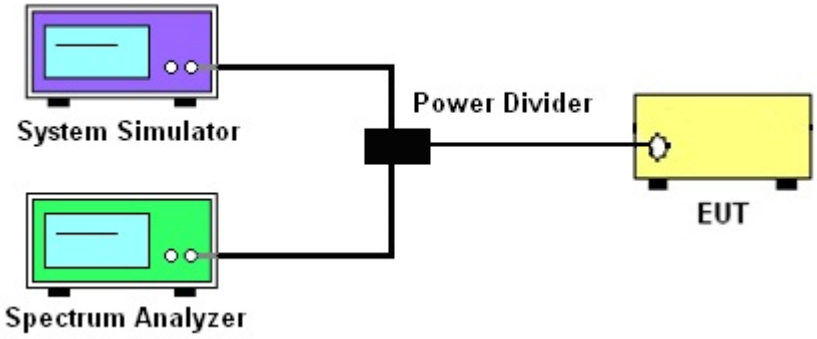
See list of measuring instruments of this test report.

3.1.1 Test Setup

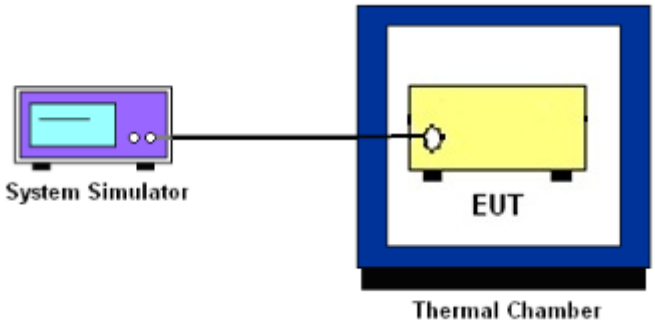
3.1.2 Conducted Output Power / ACLR



3.1.3 Occupied Bandwidth, Conducted Band-Edge and Conducted Spurious Emission



3.1.4 Frequency Stability



3.1.5 Test Result of Conducted Test

Please refer to Appendix A.

3.2 Conducted Output Power

3.2.1 Description of the Conducted Output Power Measurement

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

3.2.2 Test Procedures

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

3.3 EIRP

3.3.1 Description of the EIRP Measurement

EIRP limits for CBRS equipment as below table:

Device		Maximum EIRP (dBm/10 MHz)	Maximum PSD (dBm/MHz)
Applied	**End User Device**	23	n/a
☐	**Category A CBSD**	30	20
☐	**Category B CBSD**	47	37

Remark:

1. The worst case EIRP shown in this section is found with NR operating only using 1RB. As such, the EIRP/10MHz and full channel EIRP values will be identical since 1RB is fully contained within all available channel bandwidths for n77/78 (i.e. 10, 15, 20MHz)

3.3.2 Test Procedures for EIRP

1. Establishing a communications link with the call box (Base station) to measure the Maximum conducted power, the parameters were set to force the EUT transmitting at maximum output power level. Use the average power measurement function to measure total channel power of each channel bandwidth (per ANSI C63.26-2015 Section 5.2.1)

2. Determining ERP and/or EIRP from conducted RF output power measurements (Per ANSI C63.26-2015 Section 5.2.5.5)

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

   P_T = transmitter output power in dBm

   G_T = gain of the transmitting antenna in dBi

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

3.4 Occupied Bandwidth

3.4.1 Description of Occupied Bandwidth Measurement

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

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

3.4.2 Test Procedures

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

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

3.5 Conducted Band Edge

3.5.1 Description of Conducted Band Edge Measurement

Part 96.41 (e) (1) (ii)

For End User Devices the emission limits outside the fundamental are as follows:

Within 0 MHz to B MHz above and below the assigned channel ≤ −13 dBm/MHz

Greater than B MHz above and below the assigned channel ≤ −25 dBm/MHz

where B is the bandwidth in megahertz of the assigned channel or multiple contiguous channels of the End User Device.

Notwithstanding the emission limits in this paragraph, the Adjacent Channel Leakage Ratio for End User Devices shall be at least 30 dB.

Part 96.41 (e) (2)

For CBSDs and End User Devices, 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 −40dBm/MHz

3.5.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The band edges of low and high channels for the highest RF powers were measured.
3. Set RBW >= 1% EBW in the 1MHz band immediately outside and adjacent to the band edge.
4. Beyond the 1 MHz band from the band edge, RBW=1MHz was used
5. Offset has included the duty factor for LTE Band 48. Duty factor =10 log (1/x), where x is the measured duty cycle.
6. Set spectrum analyzer with RMS detector.
7. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

3.6 Conducted Spurious Emission

3.6.1 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.

3.6.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. The middle channel for the highest RF power within the transmitting frequency was measured.
4. The conducted spurious emission for the whole frequency range was taken.
5. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz.
6. Set spectrum analyzer with RMS detector.
7. Taking the record of maximum spurious emission.
8. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
9. The limit line is −40dBm/MHz.

3.7 Frequency Stability

3.7.1 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.

3.7.2 Test Procedures for Temperature Variation

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

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

3.7.3 Test Procedures for Voltage Variation

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

1. The EUT was placed in a temperature chamber at 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.

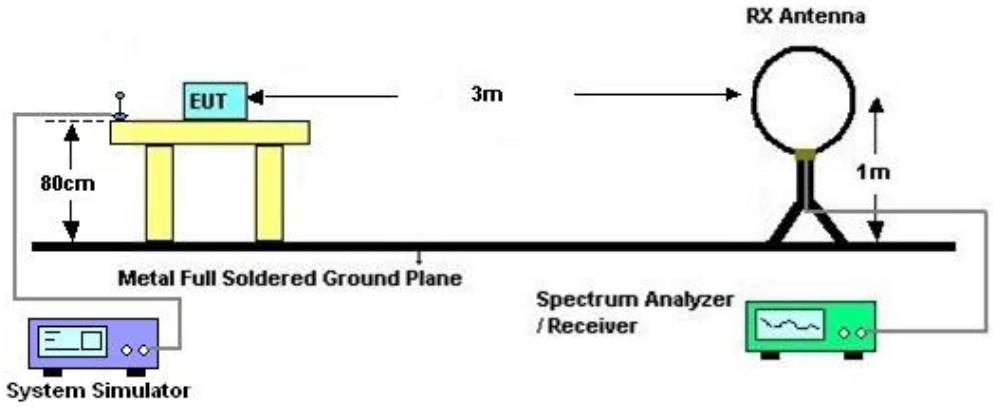
4 Radiated Test Items

4.1 Measuring Instruments

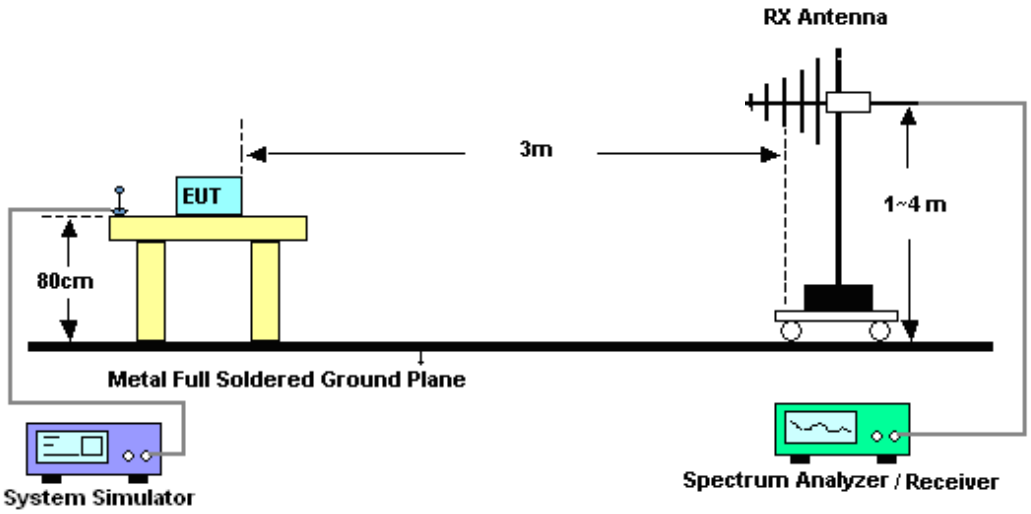
See list of measuring instruments of this test report.

4.2 Test Setup

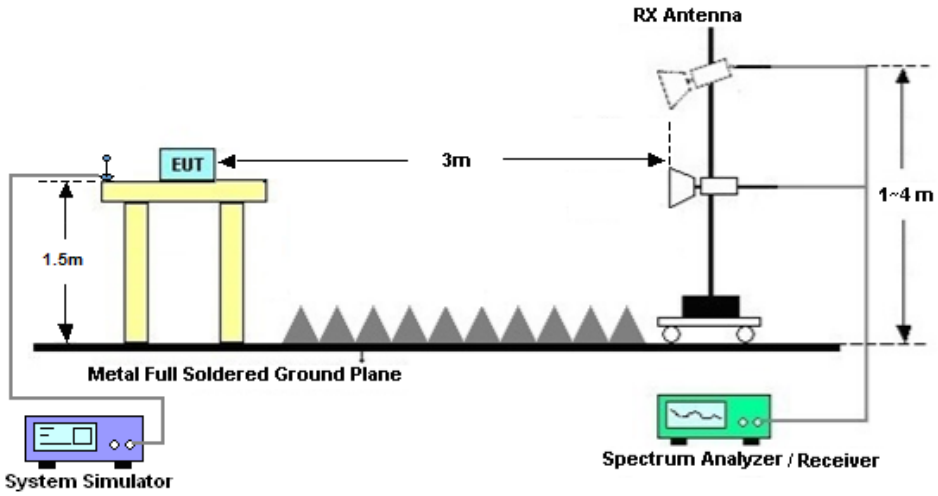
4.2.1 For radiated test below 30MHz



4.2.2 For radiated test from 30MHz to 1GHz



4.2.3 For radiated test above 1GHz



4.3 Test Result of Radiated Test

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.

Please refer to Appendix B.

4.4 Radiated Spurious Emission

4.4.1 Description of Radiated Spurious Emission Measurement

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

1. The EUT was placed on a turntable with 0.8 meter height for frequency below 1GHz and 1.5 meter height 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. A horn antenna was substituted in place of the EUT and was driven by a signal generator.
   Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
   EIRP (dBm) = S.G. Power – Tx Cable Loss + Tx Antenna Gain
   ERP (dBm) = EIRP - 2.15
8. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
   The limit line is −40dBm/MHz

5 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Spectrum Analyzer	R&S	FSV40	101078	10Hz~40GHz	Apr. 02, 2025	Jul. 10, 2025~ Jul. 25, 2025	Apr. 01, 2026	Conducted (TH01-SZ)
Power Divider	TOJOIN	PS-2SM-04265	60.06.020.0077	0.4GHz~26.5GHz	Dec. 24, 2024	Jul. 10, 2025~ Jul. 25, 2025	Dec. 23, 2025	Conducted (TH01-SZ)
Thermal Chamber	Ten Billion Hongzhangroup	LP-150U	H2014081803	-40~+150°C	Jul. 02, 2025	Jul. 10, 2025~ Jul. 25, 2025	Jul. 01, 2026	Conducted (TH01-SZ)
EXA Spectrum Analyzer	KEYSIGHT	N9010A	MY55150213	10Hz~44GHz	Jul. 03, 2025	Jul. 14, 2025	Jul. 02, 2026	Radiation (03CH02-SZ)
Loop Antenna	R&S	HFH2-Z2E	101141	9kHz~30MHz	Dec. 28, 2024	Jul. 14, 2025	Dec. 27, 2025	Radiation (03CH02-SZ)
Bilog Antenna	TeseQ	CBL6112D	35407	30MHz-2GHz	Oct. 24, 2023	Jul. 14, 2025	Oct. 23, 2025	Radiation (03CH02-SZ)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00119436	1GHz~18GHz	Jul. 04, 2025	Jul. 14, 2025	Jul. 04, 2026	Radiation (03CH02-SZ)
HF Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz	Jul. 03, 2025	Jul. 14, 2025	Jul. 03, 2026	Radiation (03CH02-SZ)
SHF-EHF Horn	com-power	AH-840	101071	18Ghz-40GHz	Apr. 03, 2025	Jul. 14, 2025	Apr. 02, 2027	Radiation (03CH02-SZ)
LF Amplifier	EM Electronics	EM330	060788	20MHz-3GHz	Dec. 25, 2024	Jul. 14, 2025	Dec. 24, 2025	Radiation (03CH02-SZ)
HF Amplifier	KEYSIGHT	83017A	MY53270105	0.5GHz~26.5Ghz	Oct. 14, 2024	Jul. 14, 2025	Oct. 13, 2025	Radiation (03CH02-SZ)
AC Power Source	Chroma	61601	616010003043	N/A	Oct. 18, 2024	Jul. 14, 2025	Oct. 17, 2025	Radiation (03CH02-SZ)
Turn Table	Chaintek	T-200	N/A	0~360 degree	NCR	Jul. 14, 2025	NCR	Radiation (03CH02-SZ)
Antenna Mast	Chaintek	MBS-400	N/A	1 m~4 m	NCR	Jul. 14, 2025	NCR	Radiation (03CH02-SZ)

NCR: No Calibration Required

6 Measurement Uncertainty

Uncertainty of Conducted Measurement

Test Item	Uncertainty
Conducted Spurious Emission & Bandedge	±1.34 dB
Occupied Channel Bandwidth	±0.012 MHz
Conducted Power	±1.34 dB
Peak to Average Ratio	±1.34 dB
Frequency Stability	±1.3 Hz

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	2.47dB

Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	3.31dB

Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	3.72dB

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Appendix A. Test Results of Conducted Test

Test Engineer :	Khan Zhen	**Temperature :**	22~23℃
		Relative Humidity :	40~42%

Software Version: 23.06.1602

FR1 N77_ANT2

Transmitter Conducted Output Power And EIRP, (G_T - L_C)=-2dB

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
77	30	10	637000	3555	DFT-s-OFDM QPSK	12@6	23.53	21.53	0.1422
77	30	10	637000	3555	DFT-s-OFDM QPSK	1@1	23.5	21.5	0.1413
77	30	10	637000	3555	DFT-s-OFDM QPSK	1@22	23.56	21.56	0.1432
77	30	10	637000	3555	DFT-s-OFDM 16 QAM	12@6	22.55	20.55	0.1135
77	30	10	637000	3555	DFT-s-OFDM 16 QAM	1@1	22.57	20.57	0.1140
77	30	10	637000	3555	DFT-s-OFDM 16 QAM	1@22	22.67	20.67	0.1167
77	30	10	641666	3624.99	DFT-s-OFDM QPSK	12@6	23.7	21.7	0.1479
77	30	10	641666	3624.99	DFT-s-OFDM QPSK	1@1	23.73	21.73	0.1489
77	30	10	641666	3624.99	DFT-s-OFDM QPSK	1@22	23.76	21.76	0.1500
77	30	10	641666	3624.99	DFT-s-OFDM 16 QAM	12@6	22.83	20.83	0.1211
77	30	10	641666	3624.99	DFT-s-OFDM 16 QAM	1@1	22.83	20.83	0.1211
77	30	10	641666	3624.99	DFT-s-OFDM 16 QAM	1@22	22.88	20.88	0.1225
77	30	10	646332	3694.98	DFT-s-OFDM QPSK	12@6	23.83	21.83	0.1524
77	30	10	646332	3694.98	DFT-s-OFDM QPSK	1@1	23.77	21.77	0.1503
77	30	10	646332	3694.98	DFT-s-OFDM QPSK	1@22	23.77	21.77	0.1503
77	30	10	646332	3694.98	DFT-s-OFDM 16 QAM	12@6	22.8	20.8	0.1202
77	30	10	646332	3694.98	DFT-s-OFDM 16 QAM	1@1	22.82	20.82	0.1208
77	30	10	646332	3694.98	DFT-s-OFDM 16 QAM	1@22	22.81	20.81	0.1205
77	30	15	637168	3557.52	DFT-s-OFDM QPSK	18@9	23.51	21.51	0.1416
77	30	15	637168	3557.52	DFT-s-OFDM QPSK	1@1	23.49	21.49	0.1409
77	30	15	637168	3557.52	DFT-s-OFDM QPSK	1@36	23.59	21.59	0.1442
77	30	15	637168	3557.52	DFT-s-OFDM 16 QAM	18@9	22.54	20.54	0.1132
77	30	15	637168	3557.52	DFT-s-OFDM 16 QAM	1@1	22.55	20.55	0.1135
77	30	15	637168	3557.52	DFT-s-OFDM 16 QAM	1@36	22.66	20.66	0.1164
77	30	15	641666	3624.99	DFT-s-OFDM QPSK	18@9	23.69	21.69	0.1476
77	30	15	641666	3624.99	DFT-s-OFDM QPSK	1@1	23.71	21.71	0.1483
77	30	15	641666	3624.99	DFT-s-OFDM QPSK	1@36	23.7	21.7	0.1479
77	30	15	641666	3624.99	DFT-s-OFDM 16 QAM	18@9	22.76	20.76	0.1191
77	30	15	641666	3624.99	DFT-s-OFDM 16 QAM	1@1	22.79	20.79	0.1199
77	30	15	641666	3624.99	DFT-s-OFDM 16 QAM	1@36	22.73	20.73	0.1183
77	30	15	646166	3692.49	DFT-s-OFDM QPSK	18@9	23.67	21.67	0.1469
77	30	15	646166	3692.49	DFT-s-OFDM QPSK	1@1	23.66	21.66	0.1466
77	30	15	646166	3692.49	DFT-s-OFDM QPSK	1@36	23.67	21.67	0.1469
77	30	15	646166	3692.49	DFT-s-OFDM 16 QAM	18@9	22.75	20.75	0.1189

77	30	15	646166	3692.49	DFT-s-OFDM 16 QAM	1@1	22.64	20.64	0.1159
77	30	15	646166	3692.49	DFT-s-OFDM 16 QAM	1@36	22.71	20.71	0.1178
77	30	20	637334	3560.01	DFT-s-OFDM QPSK	25@12	23.58	21.58	0.1439
77	30	20	637334	3560.01	DFT-s-OFDM QPSK	1@1	23.56	21.56	0.1432
77	30	20	637334	3560.01	DFT-s-OFDM QPSK	1@49	23.68	21.68	0.1472
77	30	20	637334	3560.01	DFT-s-OFDM 16 QAM	25@12	22.72	20.72	0.1180
77	30	20	637334	3560.01	DFT-s-OFDM 16 QAM	1@1	22.59	20.59	0.1146
77	30	20	637334	3560.01	DFT-s-OFDM 16 QAM	1@49	22.78	20.78	0.1197
77	30	20	641666	3624.99	DFT-s-OFDM QPSK	25@12	23.76	21.76	0.1500
77	30	20	641666	3624.99	DFT-s-OFDM QPSK	1@1	23.7	21.7	0.1479
77	30	20	641666	3624.99	DFT-s-OFDM QPSK	1@49	23.73	21.73	0.1489
77	30	20	641666	3624.99	DFT-s-OFDM 16 QAM	25@12	22.82	20.82	0.1208
77	30	20	641666	3624.99	DFT-s-OFDM 16 QAM	1@1	22.82	20.82	0.1208
77	30	20	641666	3624.99	DFT-s-OFDM 16 QAM	1@49	22.78	20.78	0.1197
77	30	20	646000	3690	DFT-s-OFDM QPSK	25@12	23.69	21.69	0.1476
77	30	20	646000	3690	DFT-s-OFDM QPSK	1@1	23.6	21.6	0.1445
77	30	20	646000	3690	DFT-s-OFDM QPSK	1@49	23.64	21.64	0.1459
77	30	20	646000	3690	DFT-s-OFDM 16 QAM	25@12	22.71	20.71	0.1178
77	30	20	646000	3690	DFT-s-OFDM 16 QAM	1@1	22.6	20.6	0.1148
77	30	20	646000	3690	DFT-s-OFDM 16 QAM	1@49	22.63	20.63	0.1156
77	30	25	647500	3562.5	DFT-s-OFDM QPSK	32@16	23.73	21.73	0.1489
77	30	25	647500	3562.5	DFT-s-OFDM QPSK	1@1	23.64	21.64	0.1459
77	30	25	647500	3562.5	DFT-s-OFDM QPSK	1@63	23.78	21.78	0.1507
77	30	25	647500	3562.5	DFT-s-OFDM 16 QAM	32@16	22.78	20.78	0.1197
77	30	25	647500	3562.5	DFT-s-OFDM 16 QAM	1@1	22.68	20.68	0.1169
77	30	25	647500	3562.5	DFT-s-OFDM 16 QAM	1@63	22.85	20.85	0.1216
77	30	25	641666	3624.99	DFT-s-OFDM QPSK	32@16	23.76	21.76	0.1500
77	30	25	641666	3624.99	DFT-s-OFDM QPSK	1@1	23.61	21.61	0.1449
77	30	25	641666	3624.99	DFT-s-OFDM QPSK	1@63	23.67	21.67	0.1469
77	30	25	641666	3624.99	DFT-s-OFDM 16 QAM	32@16	22.86	20.86	0.1219
77	30	25	641666	3624.99	DFT-s-OFDM 16 QAM	1@1	22.71	20.71	0.1178
77	30	25	641666	3624.99	DFT-s-OFDM 16 QAM	1@63	22.75	20.75	0.1189
77	30	25	645833	3687.495	DFT-s-OFDM QPSK	32@16	23.58	21.58	0.1439
77	30	25	645833	3687.495	DFT-s-OFDM QPSK	1@1	23.45	21.45	0.1396
77	30	25	645833	3687.495	DFT-s-OFDM QPSK	1@63	23.44	21.44	0.1393
77	30	25	645833	3687.495	DFT-s-OFDM 16 QAM	32@16	22.63	20.63	0.1156
77	30	25	645833	3687.495	DFT-s-OFDM 16 QAM	1@1	22.42	20.42	0.1102
77	30	25	645833	3687.495	DFT-s-OFDM 16 QAM	1@63	22.46	20.46	0.1112
77	30	30	637668	3565.02	DFT-s-OFDM QPSK	36@18	23.64	21.64	0.1459
77	30	30	637668	3565.02	DFT-s-OFDM QPSK	1@1	23.57	21.57	0.1435
77	30	30	637668	3565.02	DFT-s-OFDM QPSK	1@76	23.74	21.74	0.1493

77	30	30	637668	3565.02	DFT-s-OFDM 16 QAM	36@18	22.69	20.69	0.1172
77	30	30	637668	3565.02	DFT-s-OFDM 16 QAM	1@1	22.64	20.64	0.1159
77	30	30	637668	3565.02	DFT-s-OFDM 16 QAM	1@76	22.84	20.84	0.1213
77	30	30	641666	3624.99	DFT-s-OFDM QPSK	36@18	23.79	21.79	0.1510
77	30	30	641666	3624.99	DFT-s-OFDM QPSK	1@1	23.73	21.73	0.1489
77	30	30	641666	3624.99	DFT-s-OFDM QPSK	1@76	23.72	21.72	0.1486
77	30	30	641666	3624.99	DFT-s-OFDM 16 QAM	36@18	22.75	20.75	0.1189
77	30	30	641666	3624.99	DFT-s-OFDM 16 QAM	1@1	22.75	20.75	0.1189
77	30	30	641666	3624.99	DFT-s-OFDM 16 QAM	1@76	22.77	20.77	0.1194
77	30	30	645666	3684.99	DFT-s-OFDM QPSK	36@18	23.69	21.69	0.1476
77	30	30	645666	3684.99	DFT-s-OFDM QPSK	1@1	23.58	21.58	0.1439
77	30	30	645666	3684.99	DFT-s-OFDM QPSK	1@76	23.66	21.66	0.1466
77	30	30	645666	3684.99	DFT-s-OFDM 16 QAM	36@18	22.7	20.7	0.1175
77	30	30	645666	3684.99	DFT-s-OFDM 16 QAM	1@1	22.65	20.65	0.1161
77	30	30	645666	3684.99	DFT-s-OFDM 16 QAM	1@76	22.68	20.68	0.1169
77	30	40	638000	3570	DFT-s-OFDM QPSK	50@25	23.8	21.8	0.1514
77	30	40	638000	3570	DFT-s-OFDM QPSK	1@1	23.59	21.59	0.1442
77	30	40	638000	3570	DFT-s-OFDM QPSK	1@104	23.65	21.65	0.1462
77	30	40	638000	3570	DFT-s-OFDM 16 QAM	50@25	22.85	20.85	0.1216
77	30	40	638000	3570	DFT-s-OFDM 16 QAM	1@1	22.65	20.65	0.1161
77	30	40	638000	3570	DFT-s-OFDM 16 QAM	1@104	22.76	20.76	0.1191
77	30	40	641666	3624.99	DFT-s-OFDM QPSK	50@25	23.81	21.81	0.1517
77	30	40	641666	3624.99	DFT-s-OFDM QPSK	1@1	23.7	21.7	0.1479
77	30	40	641666	3624.99	DFT-s-OFDM QPSK	1@104	23.66	21.66	0.1466
77	30	40	641666	3624.99	DFT-s-OFDM 16 QAM	50@25	22.85	20.85	0.1216
77	30	40	641666	3624.99	DFT-s-OFDM 16 QAM	1@1	22.76	20.76	0.1191
77	30	40	641666	3624.99	DFT-s-OFDM 16 QAM	1@104	22.72	20.72	0.1180
77	30	40	645332	3679.98	DFT-s-OFDM QPSK	50@25	23.61	21.61	0.1449
77	30	40	645332	3679.98	DFT-s-OFDM QPSK	1@1	23.44	21.44	0.1393
77	30	40	645332	3679.98	DFT-s-OFDM QPSK	1@104	23.6	21.6	0.1445
77	30	40	645332	3679.98	DFT-s-OFDM 16 QAM	50@25	22.68	20.68	0.1169
77	30	40	645332	3679.98	DFT-s-OFDM 16 QAM	1@1	22.45	20.45	0.1109
77	30	40	645332	3679.98	DFT-s-OFDM 16 QAM	1@104	22.63	20.63	0.1156
77	30	50	638334	3575.01	DFT-s-OFDM QPSK	64@32	23.71	21.71	0.1483
77	30	50	638334	3575.01	DFT-s-OFDM QPSK	1@1	23.47	21.47	0.1403
77	30	50	638334	3575.01	DFT-s-OFDM QPSK	1@131	23.54	21.54	0.1426
77	30	50	638334	3575.01	DFT-s-OFDM 16 QAM	64@32	22.68	20.68	0.1169
77	30	50	638334	3575.01	DFT-s-OFDM 16 QAM	1@1	22.6	20.6	0.1148
77	30	50	638334	3575.01	DFT-s-OFDM 16 QAM	1@131	22.6	20.6	0.1148
77	30	50	641666	3624.99	DFT-s-OFDM QPSK	64@32	23.84	21.84	0.1528
77	30	50	641666	3624.99	DFT-s-OFDM QPSK	1@1	23.59	21.59	0.1442

77	30	50	641666	3624.99	DFT-s-OFDM QPSK	1@131	23.56	21.56	0.1432
77	30	50	641666	3624.99	DFT-s-OFDM 16 QAM	64@32	22.77	20.77	0.1194
77	30	50	641666	3624.99	DFT-s-OFDM 16 QAM	1@1	22.7	20.7	0.1175
77	30	50	641666	3624.99	DFT-s-OFDM 16 QAM	1@131	22.66	20.66	0.1164
77	30	50	645000	3675	DFT-s-OFDM QPSK	64@32	23.57	21.57	0.1435
77	30	50	645000	3675	DFT-s-OFDM QPSK	1@1	23.41	21.41	0.1384
77	30	50	645000	3675	DFT-s-OFDM QPSK	1@131	23.55	21.55	0.1429
77	30	50	645000	3675	DFT-s-OFDM 16 QAM	64@32	22.66	20.66	0.1164
77	30	50	645000	3675	DFT-s-OFDM 16 QAM	1@1	22.47	20.47	0.1114
77	30	50	645000	3675	DFT-s-OFDM 16 QAM	1@131	22.46	20.46	0.1112
77	30	60	638668	3580.02	DFT-s-OFDM QPSK	81@40	23.68	21.68	0.1472
77	30	60	638668	3580.02	DFT-s-OFDM QPSK	1@1	23.47	21.47	0.1403
77	30	60	638668	3580.02	DFT-s-OFDM QPSK	1@160	23.57	21.57	0.1435
77	30	60	638668	3580.02	DFT-s-OFDM 16 QAM	81@40	22.75	20.75	0.1189
77	30	60	638668	3580.02	DFT-s-OFDM 16 QAM	1@1	22.49	20.49	0.1119
77	30	60	638668	3580.02	DFT-s-OFDM 16 QAM	1@160	22.56	20.56	0.1138
77	30	60	641666	3624.99	DFT-s-OFDM QPSK	81@40	23.73	21.73	0.1489
77	30	60	641666	3624.99	DFT-s-OFDM QPSK	1@1	23.54	21.54	0.1426
77	30	60	641666	3624.99	DFT-s-OFDM QPSK	1@160	23.53	21.53	0.1422
77	30	60	641666	3624.99	DFT-s-OFDM 16 QAM	81@40	22.8	20.8	0.1202
77	30	60	641666	3624.99	DFT-s-OFDM 16 QAM	1@1	22.59	20.59	0.1146
77	30	60	641666	3624.99	DFT-s-OFDM 16 QAM	1@160	22.61	20.61	0.1151
77	30	60	644666	3669.99	DFT-s-OFDM QPSK	81@40	23.56	21.56	0.1432
77	30	60	644666	3669.99	DFT-s-OFDM QPSK	1@1	23.4	21.4	0.1380
77	30	60	644666	3669.99	DFT-s-OFDM QPSK	1@160	23.51	21.51	0.1416
77	30	60	644666	3669.99	DFT-s-OFDM 16 QAM	81@40	22.6	20.6	0.1148
77	30	60	644666	3669.99	DFT-s-OFDM 16 QAM	1@1	22.44	20.44	0.1107
77	30	60	644666	3669.99	DFT-s-OFDM 16 QAM	1@160	22.55	20.55	0.1135
77	30	70	639000	3585	DFT-s-OFDM QPSK	90@45	23.58	21.58	0.1439
77	30	70	639000	3585	DFT-s-OFDM QPSK	1@1	23.4	21.4	0.1380
77	30	70	639000	3585	DFT-s-OFDM QPSK	1@187	23.59	21.59	0.1442
77	30	70	639000	3585	DFT-s-OFDM 16 QAM	90@45	22.66	20.66	0.1164
77	30	70	639000	3585	DFT-s-OFDM 16 QAM	1@1	22.45	20.45	0.1109
77	30	70	639000	3585	DFT-s-OFDM 16 QAM	1@187	22.65	20.65	0.1161
77	30	70	641666	3624.99	DFT-s-OFDM QPSK	90@45	23.66	21.66	0.1466
77	30	70	641666	3624.99	DFT-s-OFDM QPSK	1@1	23.61	21.61	0.1449
77	30	70	641666	3624.99	DFT-s-OFDM QPSK	1@187	23.52	21.52	0.1419
77	30	70	641666	3624.99	DFT-s-OFDM 16 QAM	90@45	22.75	20.75	0.1189
77	30	70	641666	3624.99	DFT-s-OFDM 16 QAM	1@1	22.68	20.68	0.1169
77	30	70	641666	3624.99	DFT-s-OFDM 16 QAM	1@187	22.57	20.57	0.1140
77	30	70	644332	3664.98	DFT-s-OFDM QPSK	90@45	23.6	21.6	0.1445

77	30	70	644332	3664.98	DFT-s-OFDM QPSK	1@1	23.62	21.62	0.1452
77	30	70	644332	3664.98	DFT-s-OFDM QPSK	1@187	23.56	21.56	0.1432
77	30	70	644332	3664.98	DFT-s-OFDM 16 QAM	90@45	22.59	20.59	0.1146
77	30	70	644332	3664.98	DFT-s-OFDM 16 QAM	1@1	22.59	20.59	0.1146
77	30	70	644332	3664.98	DFT-s-OFDM 16 QAM	1@187	22.62	20.62	0.1153
77	30	80	639334	3590.01	DFT-s-OFDM QPSK	108@54	23.67	21.67	0.1469
77	30	80	639334	3590.01	DFT-s-OFDM QPSK	1@1	23.48	21.48	0.1406
77	30	80	639334	3590.01	DFT-s-OFDM QPSK	1@215	23.61	21.61	0.1449
77	30	80	639334	3590.01	DFT-s-OFDM 16 QAM	108@54	22.72	20.72	0.1180
77	30	80	639334	3590.01	DFT-s-OFDM 16 QAM	1@1	22.58	20.58	0.1143
77	30	80	639334	3590.01	DFT-s-OFDM 16 QAM	1@215	22.66	20.66	0.1164
77	30	80	641666	3624.99	DFT-s-OFDM QPSK	108@54	23.75	21.75	0.1496
77	30	80	641666	3624.99	DFT-s-OFDM QPSK	1@1	23.71	21.71	0.1483
77	30	80	641666	3624.99	DFT-s-OFDM QPSK	1@215	23.59	21.59	0.1442
77	30	80	641666	3624.99	DFT-s-OFDM 16 QAM	108@54	22.75	20.75	0.1189
77	30	80	641666	3624.99	DFT-s-OFDM 16 QAM	1@1	22.76	20.76	0.1191
77	30	80	641666	3624.99	DFT-s-OFDM 16 QAM	1@215	22.61	20.61	0.1151
77	30	80	644000	3660	DFT-s-OFDM QPSK	108@54	23.51	21.51	0.1416
77	30	80	644000	3660	DFT-s-OFDM QPSK	1@1	23.6	21.6	0.1445
77	30	80	644000	3660	DFT-s-OFDM QPSK	1@215	23.65	21.65	0.1462
77	30	80	644000	3660	DFT-s-OFDM 16 QAM	108@54	22.54	20.54	0.1132
77	30	80	644000	3660	DFT-s-OFDM 16 QAM	1@1	22.74	20.74	0.1186
77	30	80	644000	3660	DFT-s-OFDM 16 QAM	1@215	22.66	20.66	0.1164
77	30	90	639668	3595.02	DFT-s-OFDM QPSK	120@60	23.58	21.58	0.1439
77	30	90	639668	3595.02	DFT-s-OFDM QPSK	1@1	23.52	21.52	0.1419
77	30	90	639668	3595.02	DFT-s-OFDM QPSK	1@243	23.62	21.62	0.1452
77	30	90	639668	3595.02	DFT-s-OFDM 16 QAM	120@60	22.65	20.65	0.1161
77	30	90	639668	3595.02	DFT-s-OFDM 16 QAM	1@1	22.6	20.6	0.1148
77	30	90	639668	3595.02	DFT-s-OFDM 16 QAM	1@243	22.76	20.76	0.1191
77	30	90	641666	3624.99	DFT-s-OFDM QPSK	120@60	23.73	21.73	0.1489
77	30	90	641666	3624.99	DFT-s-OFDM QPSK	1@1	23.69	21.69	0.1476
77	30	90	641666	3624.99	DFT-s-OFDM QPSK	1@243	23.55	21.55	0.1429
77	30	90	641666	3624.99	DFT-s-OFDM 16 QAM	120@60	22.73	20.73	0.1183
77	30	90	641666	3624.99	DFT-s-OFDM 16 QAM	1@1	22.77	20.77	0.1194
77	30	90	641666	3624.99	DFT-s-OFDM 16 QAM	1@243	22.61	20.61	0.1151
77	30	90	643666	3654.99	DFT-s-OFDM QPSK	120@60	23.66	21.66	0.1466
77	30	90	643666	3654.99	DFT-s-OFDM QPSK	1@1	23.58	21.58	0.1439
77	30	90	643666	3654.99	DFT-s-OFDM QPSK	1@243	23.57	21.57	0.1435
77	30	90	643666	3654.99	DFT-s-OFDM 16 QAM	120@60	22.62	20.62	0.1153
77	30	90	643666	3654.99	DFT-s-OFDM 16 QAM	1@1	22.65	20.65	0.1161
77	30	90	643666	3654.99	DFT-s-OFDM 16 QAM	1@243	22.65	20.65	0.1161

77	30	100	640000	3600	DFT-s-OFDM PI/2 BPSK	135@67	23.81	21.81	0.1517
77	30	100	640000	3600	DFT-s-OFDM PI/2 BPSK	1@1	23.74	21.74	0.1493
77	30	100	640000	3600	DFT-s-OFDM PI/2 BPSK	1@271	23.8	21.8	0.1514
77	30	100	640000	3600	DFT-s-OFDM QPSK	135@67	23.76	21.76	0.1500
77	30	100	640000	3600	DFT-s-OFDM QPSK	1@1	23.67	21.67	0.1469
77	30	100	640000	3600	DFT-s-OFDM QPSK	1@271	23.75	21.75	0.1496
77	30	100	640000	3600	DFT-s-OFDM 16 QAM	135@67	22.75	20.75	0.1189
77	30	100	640000	3600	DFT-s-OFDM 16 QAM	1@1	22.82	20.82	0.1208
77	30	100	640000	3600	DFT-s-OFDM 16 QAM	1@271	22.87	20.87	0.1222
77	30	100	640000	3600	DFT-s-OFDM 64 QAM	135@67	21.31	19.31	0.0853
77	30	100	640000	3600	DFT-s-OFDM 64 QAM	1@1	21.21	19.21	0.0834
77	30	100	640000	3600	DFT-s-OFDM 64 QAM	1@271	21.19	19.19	0.0830
77	30	100	640000	3600	DFT-s-OFDM 256 QAM	135@67	19.3	17.3	0.0537
77	30	100	640000	3600	DFT-s-OFDM 256 QAM	1@1	19.05	17.05	0.0507
77	30	100	640000	3600	DFT-s-OFDM 256 QAM	1@271	19.08	17.08	0.0511
77	30	100	640000	3600	CP-OFDM QPSK	137@68	22.29	20.29	0.1069
77	30	100	640000	3600	CP-OFDM QPSK	1@1	22.14	20.14	0.1033
77	30	100	640000	3600	CP-OFDM QPSK	1@271	22.24	20.24	0.1057
77	30	100	641666	3624.99	DFT-s-OFDM PI/2 BPSK	135@67	23.81	21.81	0.1517
77	30	100	641666	3624.99	DFT-s-OFDM PI/2 BPSK	1@1	23.9	21.9	0.1549
77	30	100	641666	3624.99	DFT-s-OFDM PI/2 BPSK	1@271	23.69	21.69	0.1476
77	30	100	641666	3624.99	DFT-s-OFDM QPSK	135@67	23.84	21.84	0.1528
77	30	100	641666	3624.99	DFT-s-OFDM QPSK	1@1	23.87	21.87	0.1538
77	30	100	641666	3624.99	DFT-s-OFDM QPSK	1@271	23.66	21.66	0.1466
77	30	100	641666	3624.99	DFT-s-OFDM 16 QAM	135@67	22.84	20.84	0.1213
77	30	100	641666	3624.99	DFT-s-OFDM 16 QAM	1@1	22.97	20.97	0.1250
77	30	100	641666	3624.99	DFT-s-OFDM 16 QAM	1@271	22.76	20.76	0.1191
77	30	100	641666	3624.99	DFT-s-OFDM 64 QAM	135@67	21.36	19.36	0.0863
77	30	100	641666	3624.99	DFT-s-OFDM 64 QAM	1@1	21.28	19.28	0.0847
77	30	100	641666	3624.99	DFT-s-OFDM 64 QAM	1@271	21.26	19.26	0.0843
77	30	100	641666	3624.99	DFT-s-OFDM 256 QAM	135@67	19.42	17.42	0.0552
77	30	100	641666	3624.99	DFT-s-OFDM 256 QAM	1@1	19.12	17.12	0.0515
77	30	100	641666	3624.99	DFT-s-OFDM 256 QAM	1@271	19.2	17.2	0.0525
77	30	100	641666	3624.99	CP-OFDM QPSK	137@68	22.3	20.3	0.1072
77	30	100	641666	3624.99	CP-OFDM QPSK	1@1	22.3	20.3	0.1072
77	30	100	641666	3624.99	CP-OFDM QPSK	1@271	22.2	20.2	0.1047
77	30	100	643332	3649.98	DFT-s-OFDM PI/2 BPSK	135@67	23.65	21.65	0.1462
77	30	100	643332	3649.98	DFT-s-OFDM PI/2 BPSK	1@1	23.73	21.73	0.1489
77	30	100	643332	3649.98	DFT-s-OFDM PI/2 BPSK	1@271	23.72	21.72	0.1486
77	30	100	643332	3649.98	DFT-s-OFDM QPSK	135@67	23.67	21.67	0.1469
77	30	100	643332	3649.98	DFT-s-OFDM QPSK	1@1	23.7	21.7	0.1479

77	30	100	643332	3649.98	DFT-s-OFDM QPSK	1@271	23.73	21.73	0.1489
77	30	100	643332	3649.98	DFT-s-OFDM 16 QAM	135@67	22.65	20.65	0.1161
77	30	100	643332	3649.98	DFT-s-OFDM 16 QAM	1@1	22.82	20.82	0.1208
77	30	100	643332	3649.98	DFT-s-OFDM 16 QAM	1@271	22.79	20.79	0.1199
77	30	100	643332	3649.98	DFT-s-OFDM 64 QAM	135@67	21.31	19.31	0.0853
77	30	100	643332	3649.98	DFT-s-OFDM 64 QAM	1@1	21.07	19.07	0.0807
77	30	100	643332	3649.98	DFT-s-OFDM 64 QAM	1@271	21.37	19.37	0.0865
77	30	100	643332	3649.98	DFT-s-OFDM 256 QAM	135@67	19.28	17.28	0.0535
77	30	100	643332	3649.98	DFT-s-OFDM 256 QAM	1@1	18.98	16.98	0.0499
77	30	100	643332	3649.98	DFT-s-OFDM 256 QAM	1@271	19.27	17.27	0.0533
77	30	100	643332	3649.98	CP-OFDM QPSK	137@68	22.13	20.13	0.1030
77	30	100	643332	3649.98	CP-OFDM QPSK	1@1	22.25	20.25	0.1059
77	30	100	643332	3649.98	CP-OFDM QPSK	1@271	22.18	20.18	0.1042

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (Hz)	Verdict	Environment
77	30	20	641666	3624.99	DFT-s-OFDM QPSK	50@0	13.9	**PASS**	NV
77	30	20	641666	3624.99	DFT-s-OFDM QPSK	50@0	12.1	**PASS**	LV
77	30	20	641666	3624.99	DFT-s-OFDM QPSK	50@0	2.8	**PASS**	HV
77	30	20	641666	3624.99	DFT-s-OFDM QPSK	50@0	3.6	**PASS**	-30℃
77	30	20	641666	3624.99	DFT-s-OFDM QPSK	50@0	3.8	**PASS**	-20℃
77	30	20	641666	3624.99	DFT-s-OFDM QPSK	50@0	7.9	**PASS**	-10℃
77	30	20	641666	3624.99	DFT-s-OFDM QPSK	50@0	3.6	**PASS**	0℃
77	30	20	641666	3624.99	DFT-s-OFDM QPSK	50@0	8.1	**PASS**	10℃
77	30	20	641666	3624.99	DFT-s-OFDM QPSK	50@0	13.9	**PASS**	20℃
77	30	20	641666	3624.99	DFT-s-OFDM QPSK	50@0	15.7	**PASS**	30℃
77	30	20	641666	3624.99	DFT-s-OFDM QPSK	50@0	4.7	**PASS**	40℃
77	30	20	641666	3624.99	DFT-s-OFDM QPSK	50@0	10.8	**PASS**	50℃

|MAX(△f)| = 15.7 Hz

Frequency Stability	Frequency (MHz)	Limit Line	Result
f_L – |MAX(△f)|	3550.768331	≧ 3550 MHz	PASS
f_H + |MAX(△f)|	3698.785922	≦ 3700 MHz	

Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
77	30	20	641666	3624.99	DFT-s-OFDM PI/2 BPSK	50@0	4.37	13	**PASS**
77	30	20	641666	3624.99	DFT-s-OFDM QPSK	50@0	5.67	13	**PASS**

N77(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

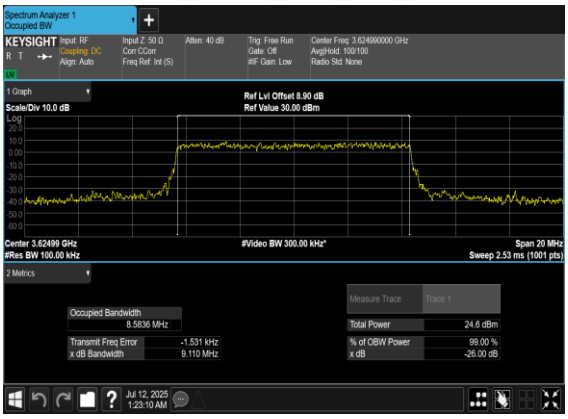
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
77	30	10	641666	3624.99	CP-OFDM QPSK	24@0	8.5634	9.202
77	30	10	641666	3624.99	CP-OFDM 16 QAM	24@0	8.5836	9.11
77	30	10	641666	3624.99	CP-OFDM 64 QAM	24@0	8.5656	9.067
77	30	10	641666	3624.99	CP-OFDM 256 QAM	24@0	8.5829	9.152
77	30	15	641666	3624.99	CP-OFDM QPSK	38@0	13.528	14.2
77	30	15	641666	3624.99	CP-OFDM 16 QAM	38@0	13.595	14.33
77	30	15	641666	3624.99	CP-OFDM 64 QAM	38@0	13.622	14.26
77	30	15	641666	3624.99	CP-OFDM 256 QAM	38@0	13.597	14.18
77	30	20	641666	3624.99	CP-OFDM QPSK	51@0	18.171	18.96
77	30	20	641666	3624.99	CP-OFDM 16 QAM	51@0	18.207	19.08
77	30	20	641666	3624.99	CP-OFDM 64 QAM	51@0	18.135	18.91
77	30	20	641666	3624.99	CP-OFDM 256 QAM	51@0	18.151	18.95
77	30	25	641666	3624.99	CP-OFDM QPSK	65@0	23.159	24.14
77	30	25	641666	3624.99	CP-OFDM 16 QAM	65@0	23.155	24.16
77	30	25	641666	3624.99	CP-OFDM 64 QAM	65@0	23.12	24.31
77	30	25	641666	3624.99	CP-OFDM 256 QAM	65@0	23.283	24.07
77	30	30	641666	3624.99	CP-OFDM QPSK	78@0	27.904	28.95
77	30	30	641666	3624.99	CP-OFDM 16 QAM	78@0	27.837	28.92
77	30	30	641666	3624.99	CP-OFDM 64 QAM	78@0	27.825	28.77
77	30	30	641666	3624.99	CP-OFDM 256 QAM	78@0	27.864	28.96
77	30	40	641666	3624.99	CP-OFDM QPSK	106@0	37.808	39.3
77	30	40	641666	3624.99	CP-OFDM 16 QAM	106@0	37.851	39.09
77	30	40	641666	3624.99	CP-OFDM 64 QAM	106@0	37.784	39.09
77	30	40	641666	3624.99	CP-OFDM 256 QAM	106@0	37.824	39.23
77	30	50	641666	3624.99	CP-OFDM QPSK	133@0	47.404	49.04
77	30	50	641666	3624.99	CP-OFDM 16 QAM	133@0	47.433	49.01
77	30	50	641666	3624.99	CP-OFDM 64 QAM	133@0	47.565	49.16
77	30	50	641666	3624.99	CP-OFDM 256 QAM	133@0	47.596	49.02
77	30	60	641666	3624.99	CP-OFDM QPSK	162@0	57.966	59.74
77	30	60	641666	3624.99	CP-OFDM 16 QAM	162@0	57.835	59.69
77	30	60	641666	3624.99	CP-OFDM 64 QAM	162@0	57.907	59.74
77	30	60	641666	3624.99	CP-OFDM 256 QAM	162@0	57.9	59.67
77	30	70	641666	3624.99	CP-OFDM QPSK	189@0	67.484	69.57
77	30	70	641666	3624.99	CP-OFDM 16 QAM	189@0	67.563	69.69
77	30	70	641666	3624.99	CP-OFDM 64 QAM	189@0	67.453	69.62
77	30	70	641666	3624.99	CP-OFDM 256 QAM	189@0	67.6	69.71
77	30	80	641666	3624.99	CP-OFDM QPSK	217@0	77.483	79.87
77	30	80	641666	3624.99	CP-OFDM 16 QAM	217@0	77.326	79.9
77	30	80	641666	3624.99	CP-OFDM 64 QAM	217@0	77.335	79.89

77	30	80	641666	3624.99	CP-OFDM 256 QAM	217@0	77.554	79.94
77	30	90	641666	3624.99	CP-OFDM QPSK	245@0	87.418	90.17
77	30	90	641666	3624.99	CP-OFDM 16 QAM	245@0	87.639	90.18
77	30	90	641666	3624.99	CP-OFDM 64 QAM	245@0	87.524	90.27
77	30	90	641666	3624.99	CP-OFDM 256 QAM	245@0	87.635	90.3
77	30	100	641666	3624.99	CP-OFDM QPSK	273@0	97.476	100.7
77	30	100	641666	3624.99	CP-OFDM 16 QAM	273@0	97.475	100.5
77	30	100	641666	3624.99	CP-OFDM 64 QAM	273@0	97.459	100.6
77	30	100	641666	3624.99	CP-OFDM 256 QAM	273@0	97.471	100.5

N77(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

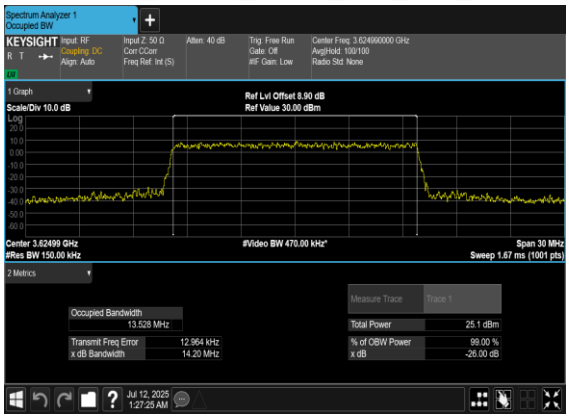
N77(10M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N77(10M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

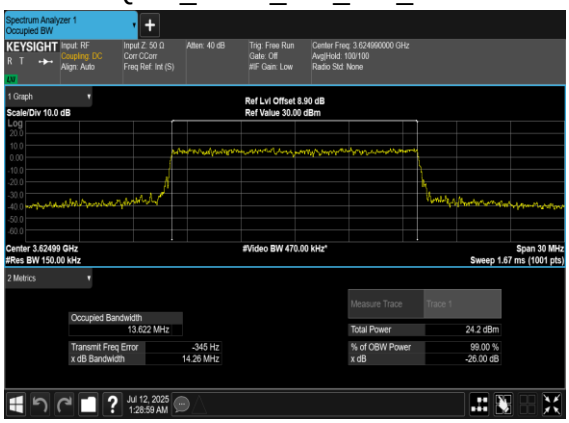
N77(10M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

N77(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

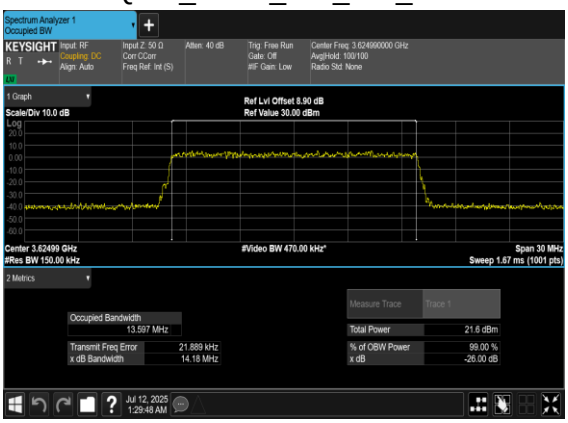


N77(15M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

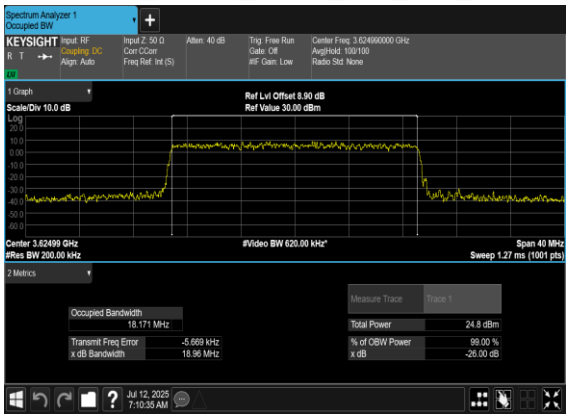
N77(15M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



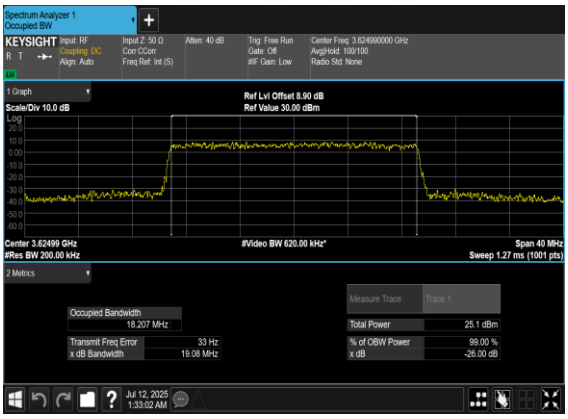
N77(15M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



N77(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

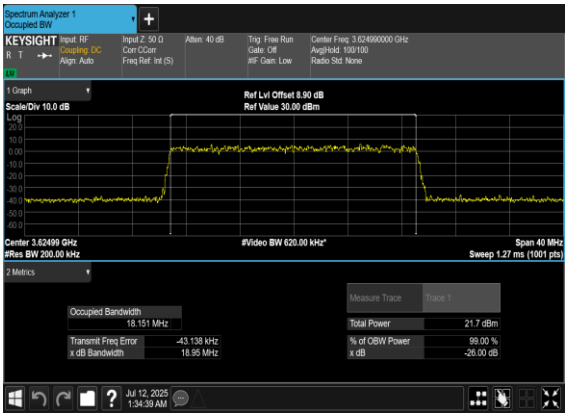


N77(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

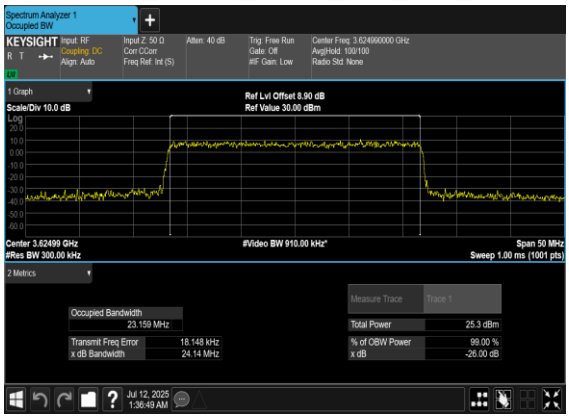


N77(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

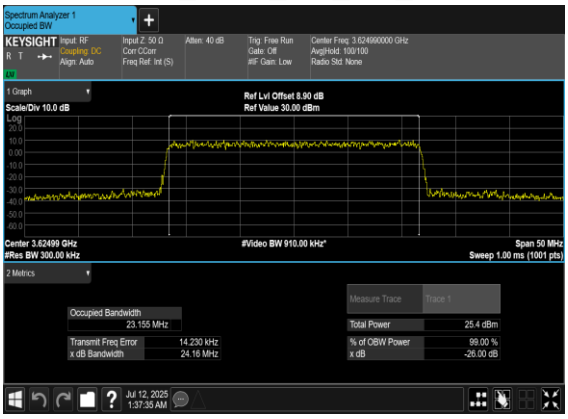
N77(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



N77(25M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

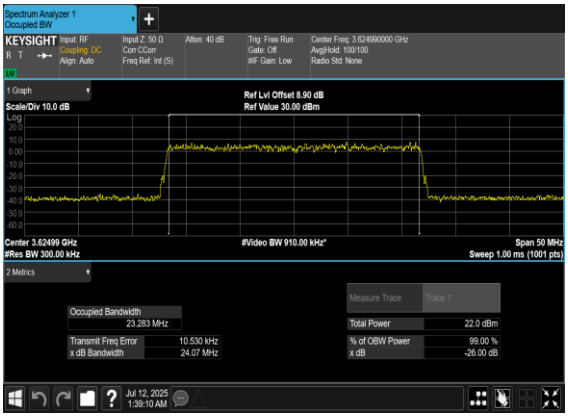


N77(25M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

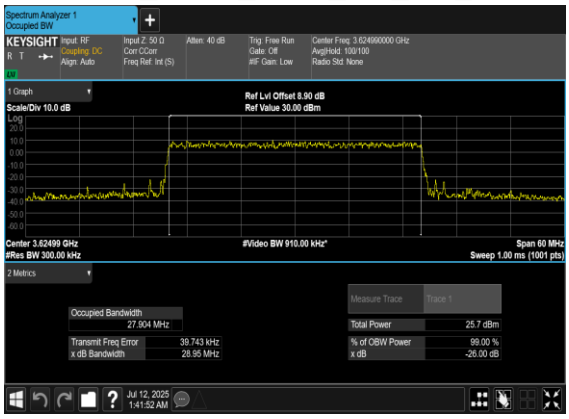


N77(25M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

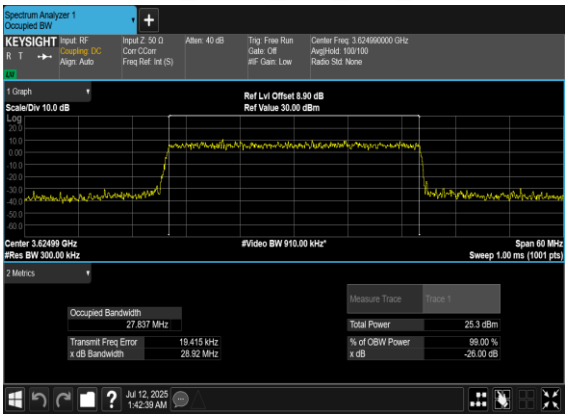
N77(25M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



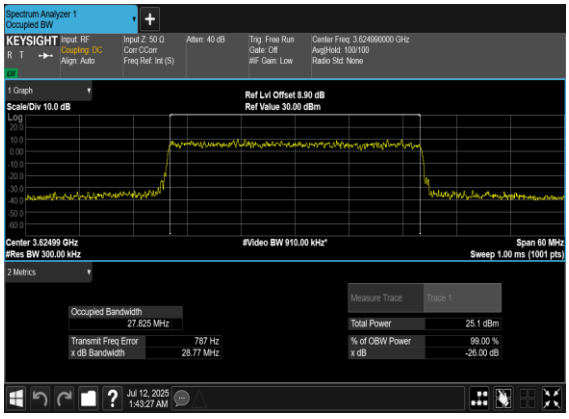
N77(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



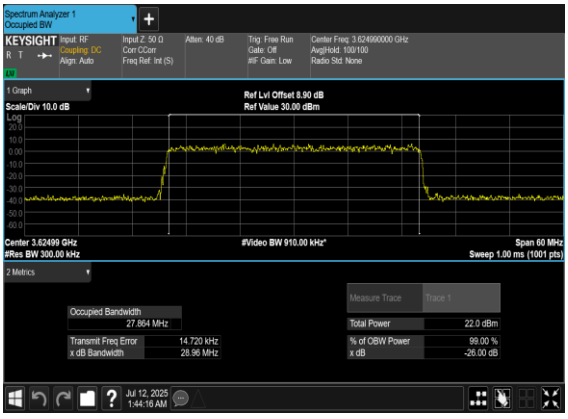
N77(30M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



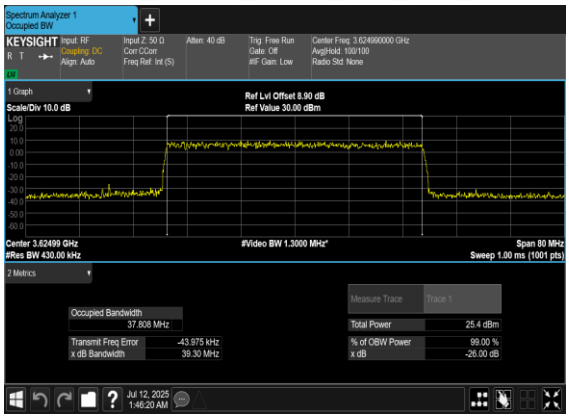
N77(30M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



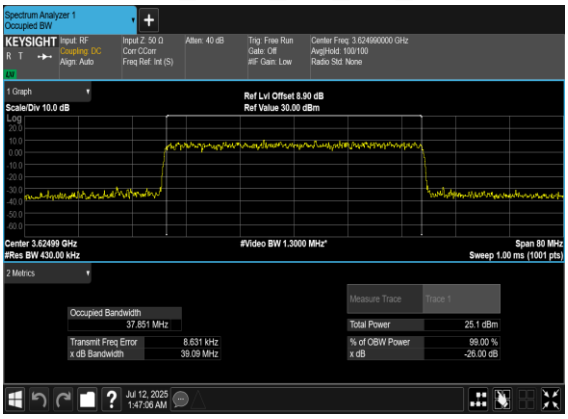
N77(30M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



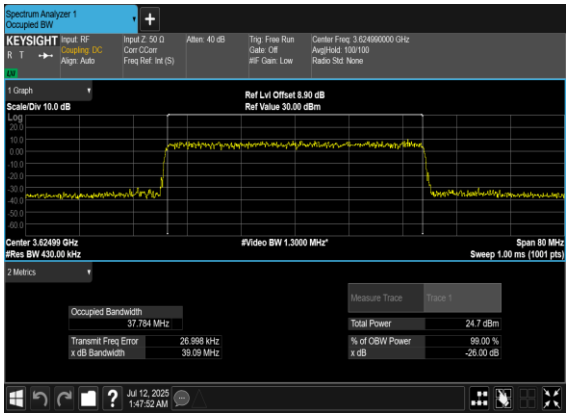
N77(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



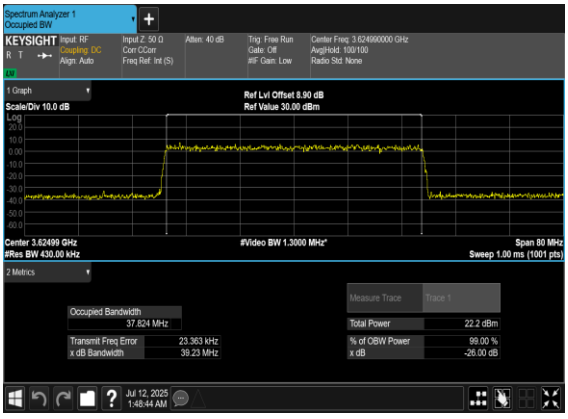
N77(40M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



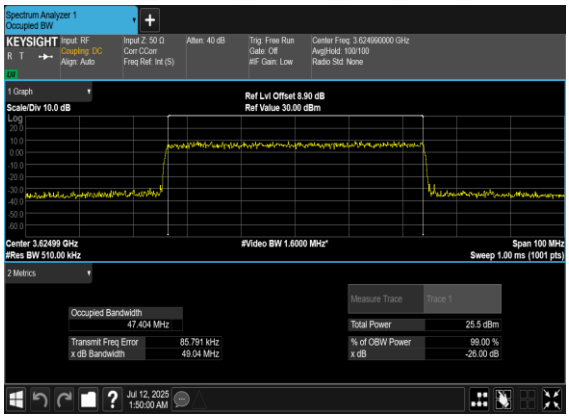
N77(40M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



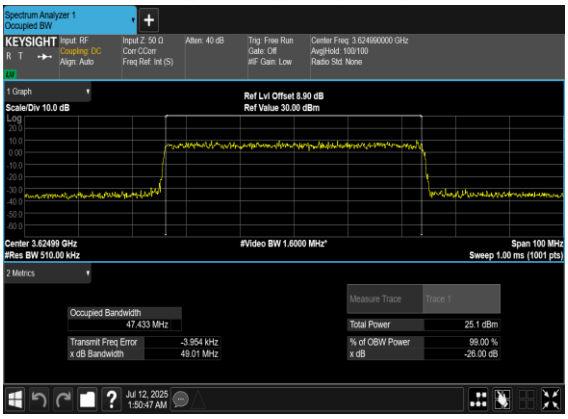
N77(40M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



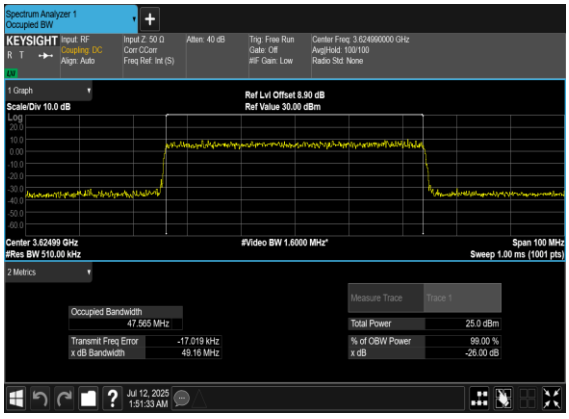
N77(50M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



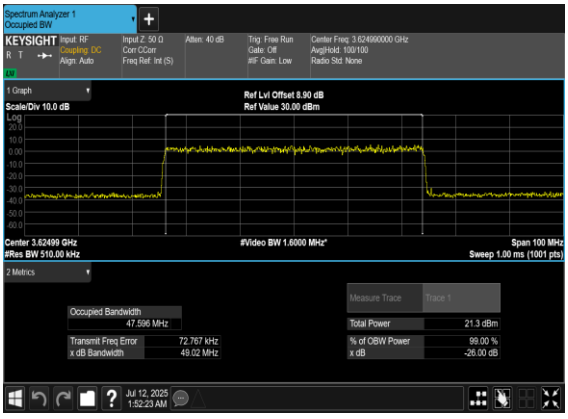
N77(50M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



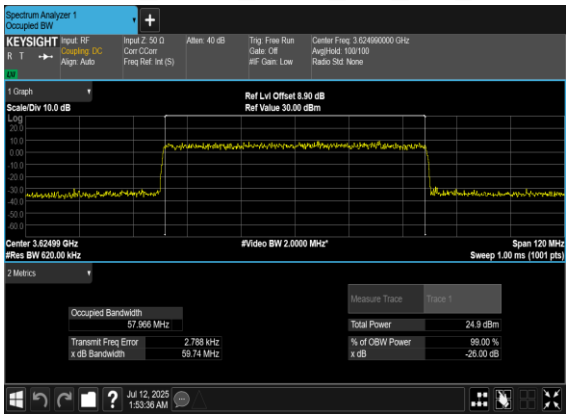
N77(50M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



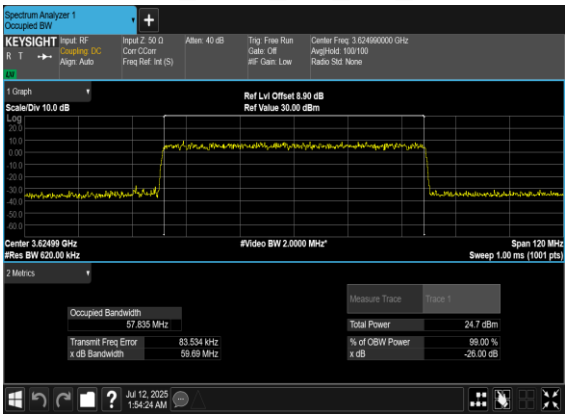
N77(50M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



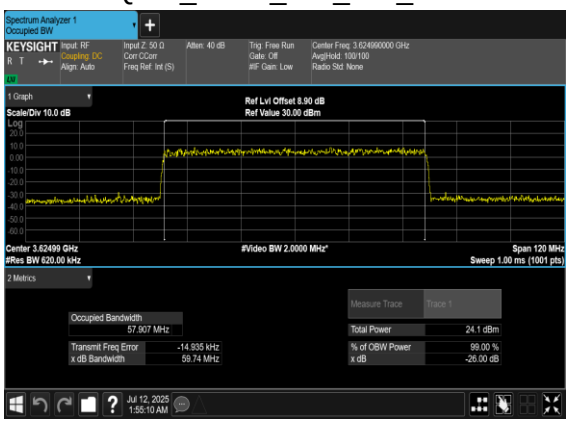
N77(60M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



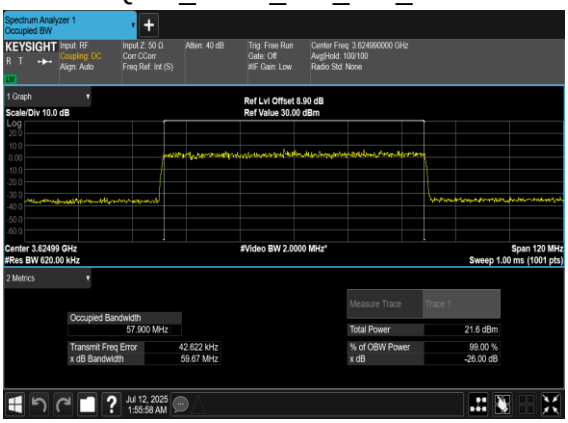
N77(60M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



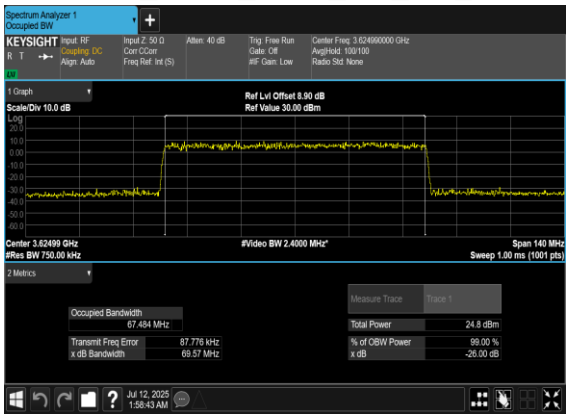
N77(60M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



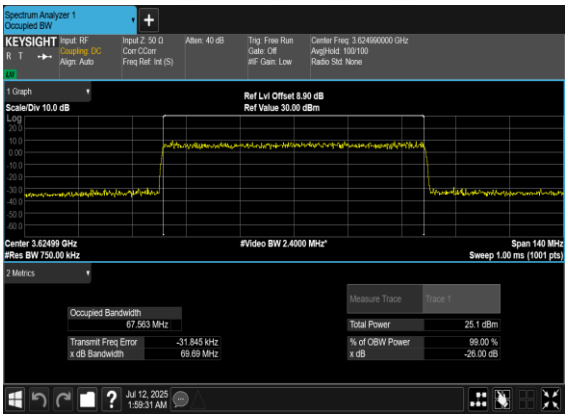
N77(60M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



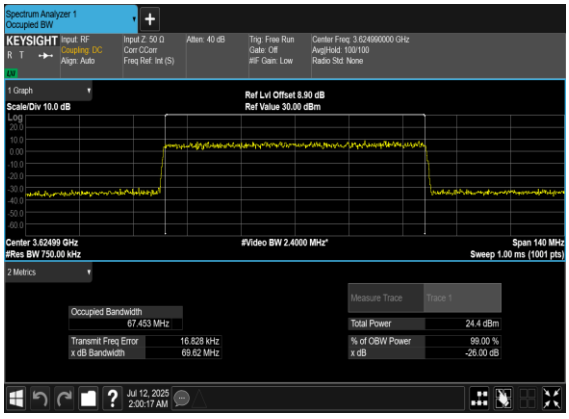
N77(70M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



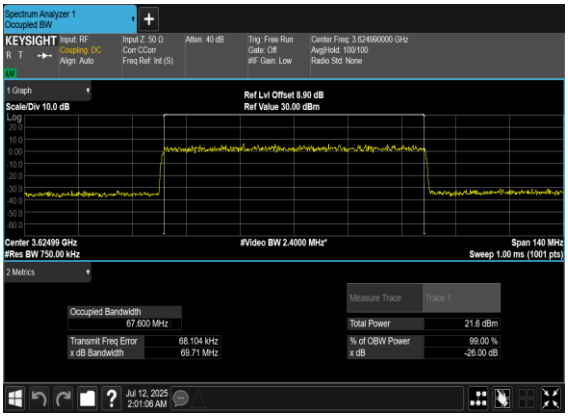
N77(70M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



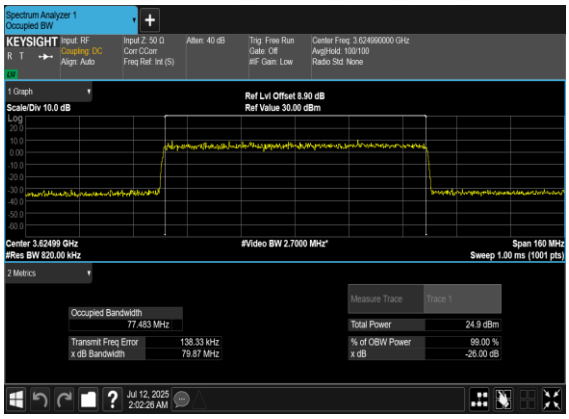
N77(70M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



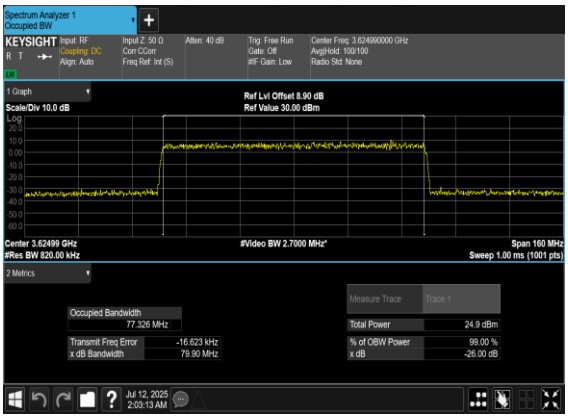
N77(70M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



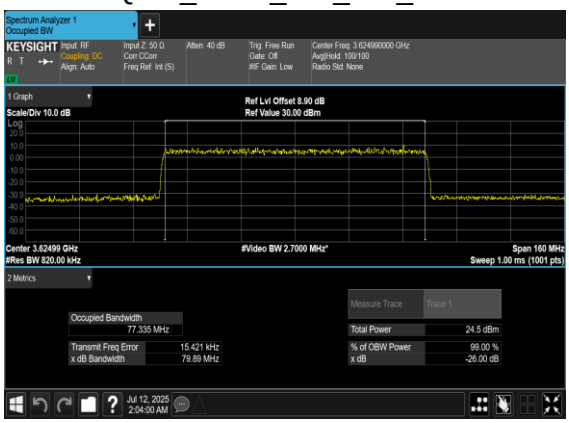
N77(80M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



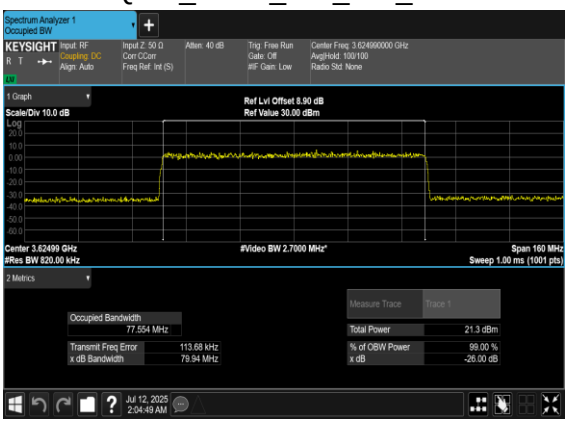
N77(80M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



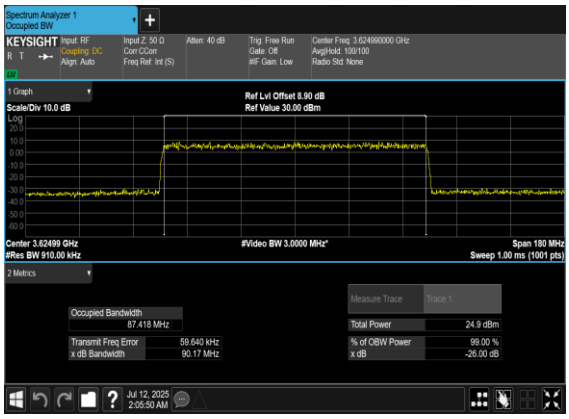
N77(80M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



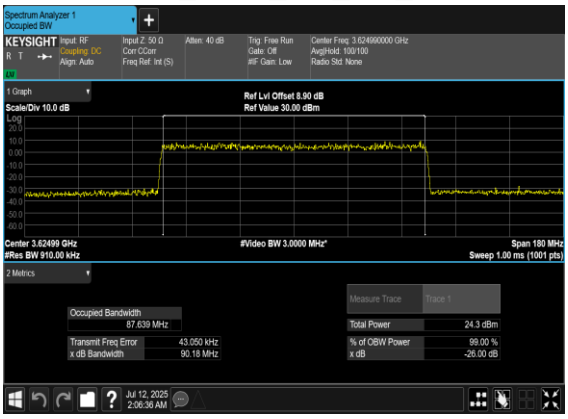
N77(80M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



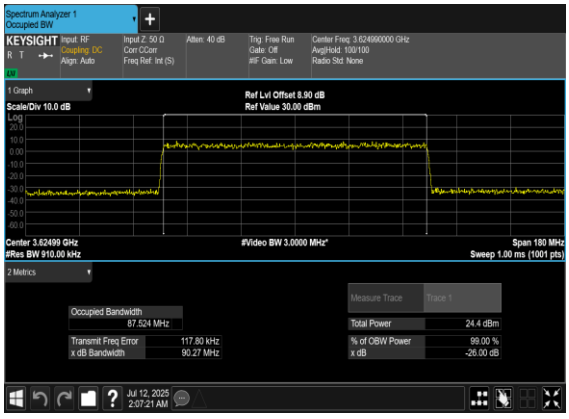
N77(90M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



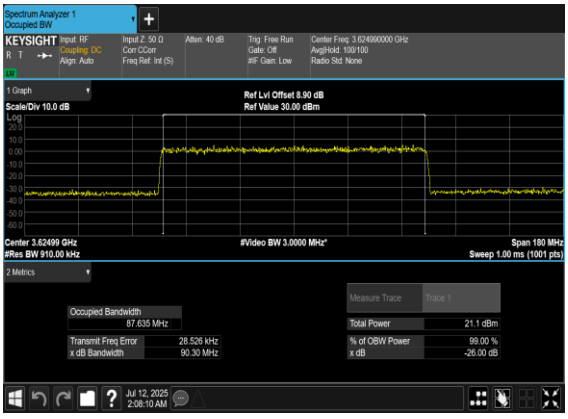
N77(90M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



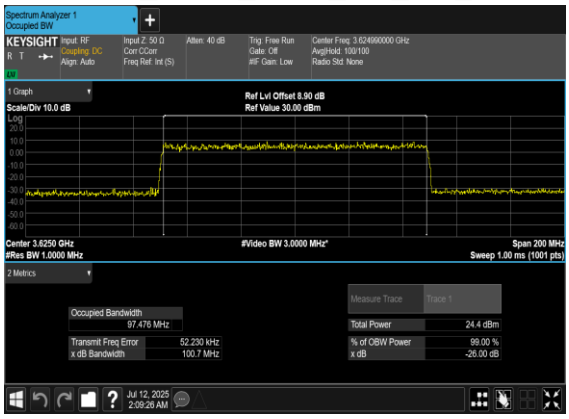
N77(90M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N77(90M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



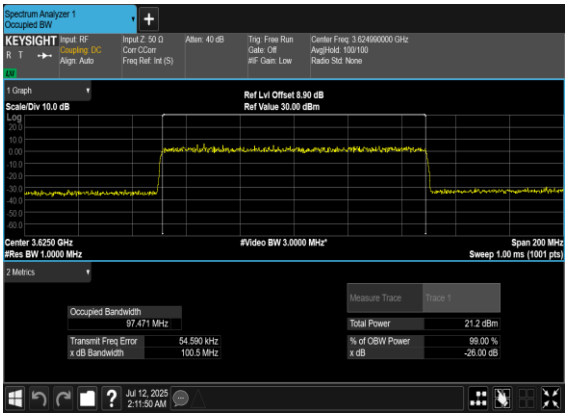
N77(100M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N77(100M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

N77(100M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

N77(100M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

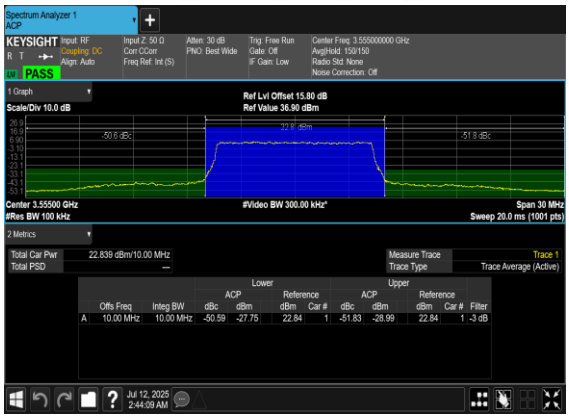


Adjacent Channel Leakage Ratio

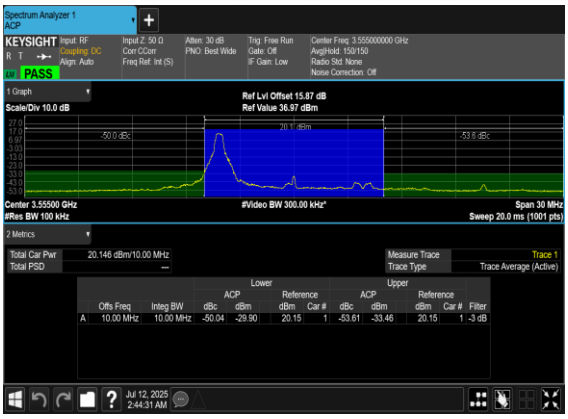
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Lower Margin	Upper Margin	Result	Verdict
77	30	10	637000	3555.0	DFT-s-OFDM PI/2 BPSK	24@0	-20.59	-21.83	**see graph**	PASS
77	30	10	637000	3555.0	DFT-s-OFDM PI/2 BPSK	1@0	-20.04	-23.61	**see graph**	PASS
77	30	10	637000	3555.0	DFT-s-OFDM PI/2 BPSK	1@23	-23.63	-20.02	**see graph**	PASS
77	30	10	637000	3555.0	DFT-s-OFDM QPSK	24@0	-18.71	-20.12	**see graph**	PASS
77	30	10	637000	3555.0	DFT-s-OFDM QPSK	1@0	-19.6	-23.17	**see graph**	PASS
77	30	10	637000	3555.0	DFT-s-OFDM QPSK	1@23	-23.35	-19.91	**see graph**	PASS
77	30	10	641666	3624.99	DFT-s-OFDM PI/2 BPSK	24@0	-18.26	-19.66	**see graph**	PASS
77	30	10	641666	3624.99	DFT-s-OFDM PI/2 BPSK	1@0	-19.58	-22.56	**see graph**	PASS
77	30	10	641666	3624.99	DFT-s-OFDM PI/2 BPSK	1@23	-20.48	-17.79	**see graph**	PASS
77	30	10	641666	3624.99	DFT-s-OFDM QPSK	24@0	-16.39	-17.84	**see graph**	PASS
77	30	10	641666	3624.99	DFT-s-OFDM QPSK	1@0	-22.38	-25.07	**see graph**	PASS
77	30	10	641666	3624.99	DFT-s-OFDM QPSK	1@23	-20.36	-17.23	**see graph**	PASS
77	30	10	646332	3694.98	DFT-s-OFDM PI/2 BPSK	24@0	-18.46	-19.39	**see graph**	PASS
77	30	10	646332	3694.98	DFT-s-OFDM PI/2 BPSK	1@0	-18.74	-21.5	**see graph**	PASS
77	30	10	646332	3694.98	DFT-s-OFDM PI/2 BPSK	1@23	-21.54	-18.94	**see graph**	PASS
77	30	10	646332	3694.98	DFT-s-OFDM QPSK	24@0	-16.69	-17.77	**see graph**	PASS
77	30	10	646332	3694.98	DFT-s-OFDM QPSK	1@0	-18.2	-20.81	**see graph**	PASS
77	30	10	646332	3694.98	DFT-s-OFDM QPSK	1@23	-21.64	-19.0	**see graph**	PASS
77	30	50	638334	3575.01	DFT-s-OFDM PI/2 BPSK	128@0	-16.6	-17.12	**see graph**	PASS
77	30	50	638334	3575.01	DFT-s-OFDM PI/2 BPSK	1@0	-15.34	-15.22	**see graph**	PASS
77	30	50	638334	3575.01	DFT-s-OFDM PI/2 BPSK	1@132	-16.48	-15.18	**see graph**	PASS
77	30	50	638334	3575.01	DFT-s-OFDM QPSK	128@0	-15.74	-16.13	**see graph**	PASS
77	30	50	638334	3575.01	DFT-s-OFDM QPSK	1@0	-14.48	-14.37	**see graph**	PASS
77	30	50	638334	3575.01	DFT-s-OFDM QPSK	1@132	-16.36	-15.04	**see graph**	PASS
77	30	50	641666	3624.99	DFT-s-OFDM PI/2 BPSK	128@0	-15.8	-16.17	**see graph**	PASS
77	30	50	641666	3624.99	DFT-s-OFDM PI/2 BPSK	1@0	-15.47	-15.18	**see graph**	PASS
77	30	50	641666	3624.99	DFT-s-OFDM PI/2 BPSK	1@132	-13.51	-11.96	**see graph**	PASS
77	30	50	641666	3624.99	DFT-s-OFDM QPSK	128@0	-14.79	-15.1	**see graph**	PASS
77	30	50	641666	3624.99	DFT-s-OFDM QPSK	1@0	-15.06	-14.59	**see graph**	PASS
77	30	50	641666	3624.99	DFT-s-OFDM QPSK	1@132	-14.94	-13.42	**see graph**	PASS
77	30	50	645000	3675.0	DFT-s-OFDM PI/2 BPSK	128@0	-15.7	-15.94	**see graph**	PASS
77	30	50	645000	3675.0	DFT-s-OFDM PI/2 BPSK	1@0	-15.01	-14.62	**see graph**	PASS
77	30	50	645000	3675.0	DFT-s-OFDM PI/2 BPSK	1@132	-15.94	-14.29	**see graph**	PASS
77	30	50	645000	3675.0	DFT-s-OFDM QPSK	128@0	-14.74	-14.98	**see graph**	PASS
77	30	50	645000	3675.0	DFT-s-OFDM QPSK	1@0	-14.18	-13.82	**see graph**	PASS
77	30	50	645000	3675.0	DFT-s-OFDM QPSK	1@132	-16.71	-15.14	**see graph**	PASS
77	30	100	640000	3600.0	DFT-s-OFDM PI/2 BPSK	270@0	-14.97	-14.38	**see graph**	PASS
77	30	100	640000	3600.0	DFT-s-OFDM PI/2 BPSK	1@0	-13.78	-12.81	**see graph**	PASS
77	30	100	640000	3600.0	DFT-s-OFDM PI/2 BPSK	1@272	-15.48	-11.81	**see graph**	PASS

77	30	100	640000	3600.0	DFT-s-OFDM QPSK	270@0	-13.86	-13.59	**see graph**	PASS
77	30	100	640000	3600.0	DFT-s-OFDM QPSK	1@0	-12.75	-11.4	**see graph**	PASS
77	30	100	640000	3600.0	DFT-s-OFDM QPSK	1@272	-15.1	-11.62	**see graph**	PASS
77	30	100	641666	3624.99	DFT-s-OFDM PI/2 BPSK	270@0	-14.75	-14.03	**see graph**	PASS
77	30	100	641666	3624.99	DFT-s-OFDM PI/2 BPSK	1@0	-13.84	-12.08	**see graph**	PASS
77	30	100	641666	3624.99	DFT-s-OFDM PI/2 BPSK	1@272	-15.04	-11.04	**see graph**	PASS
77	30	100	641666	3624.99	DFT-s-OFDM QPSK	270@0	-13.6	-13.18	**see graph**	PASS
77	30	100	641666	3624.99	DFT-s-OFDM QPSK	1@0	-13.81	-12.51	**see graph**	PASS
77	30	100	641666	3624.99	DFT-s-OFDM QPSK	1@272	-14.12	-10.33	**see graph**	PASS
77	30	100	643332	3649.98	DFT-s-OFDM PI/2 BPSK	270@0	-14.72	-13.8	**see graph**	PASS
77	30	100	643332	3649.98	DFT-s-OFDM PI/2 BPSK	1@0	-12.91	-10.76	**see graph**	PASS
77	30	100	643332	3649.98	DFT-s-OFDM PI/2 BPSK	1@272	-14.86	-11.13	**see graph**	PASS
77	30	100	643332	3649.98	DFT-s-OFDM QPSK	270@0	-13.75	-13.0	**see graph**	PASS
77	30	100	643332	3649.98	DFT-s-OFDM QPSK	1@0	-13.0	-11.16	**see graph**	PASS
77	30	100	643332	3649.98	DFT-s-OFDM QPSK	1@272	-15.35	-11.54	**see graph**	PASS

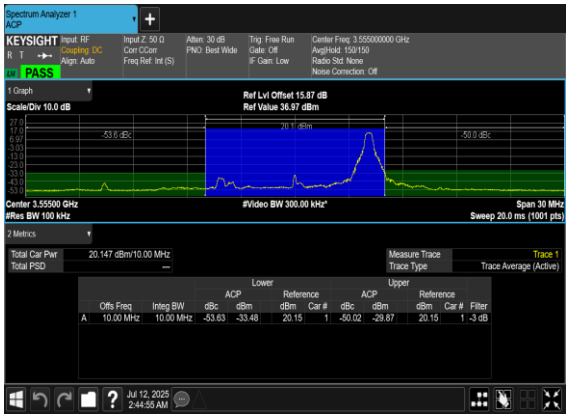
N77(10M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH



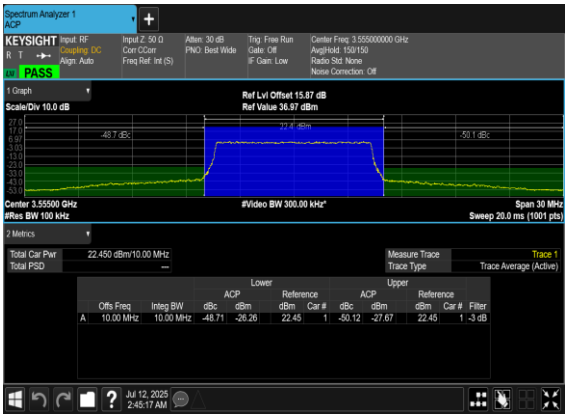
N77(10M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Low_CH



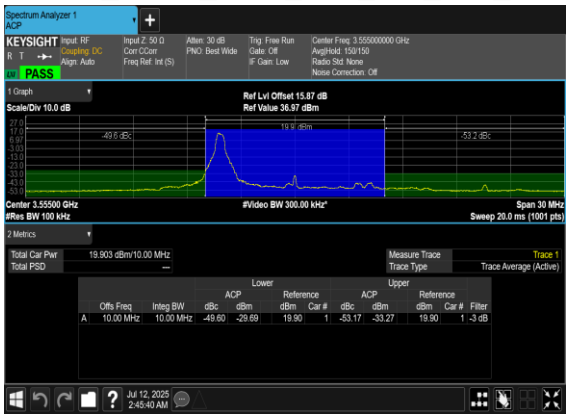
N77(10M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Right_Low_CH



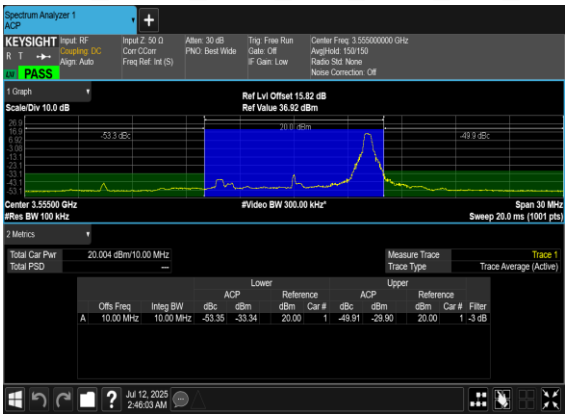
N77(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



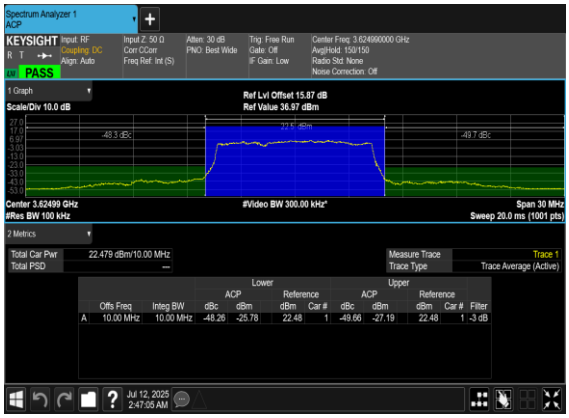
N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



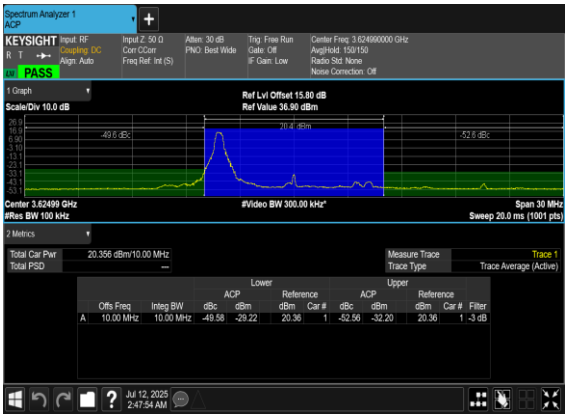
N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Low_CH



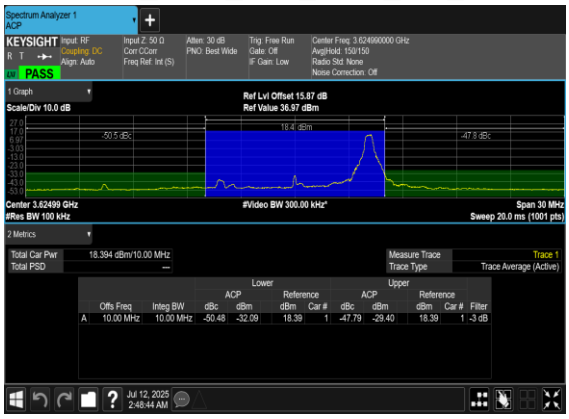
N77(10M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



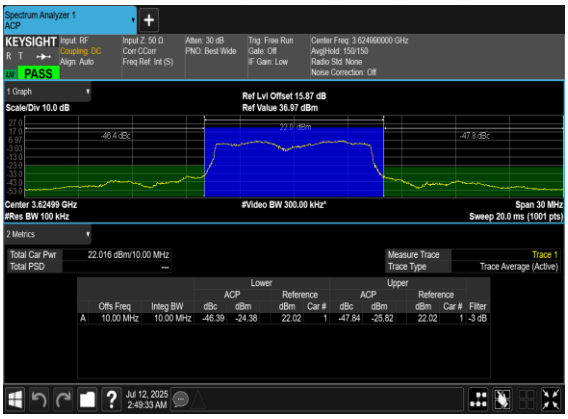
N77(10M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Mid_CH



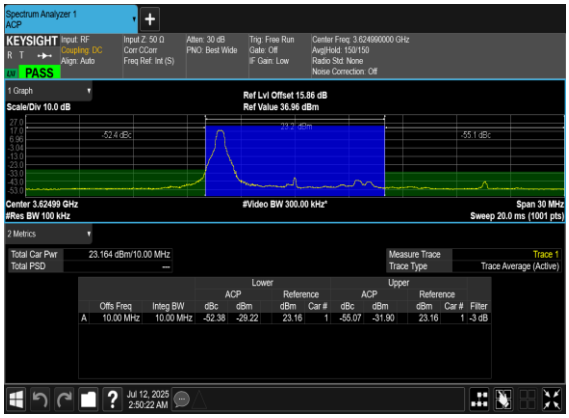
N77(10M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Right_Mid_CH



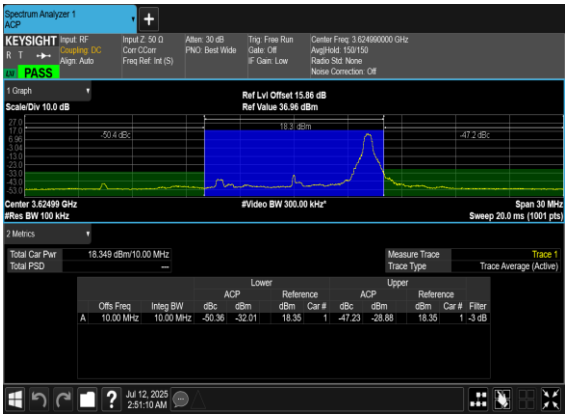
N77(10M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



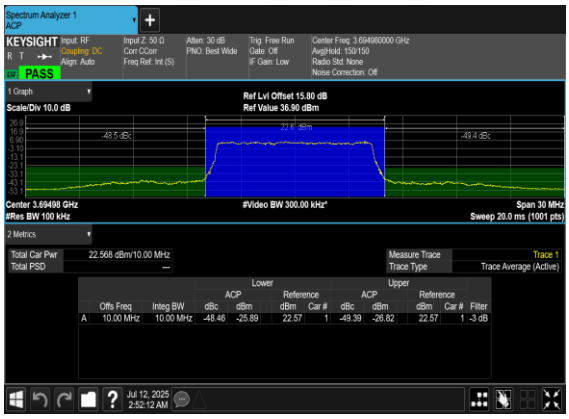
N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



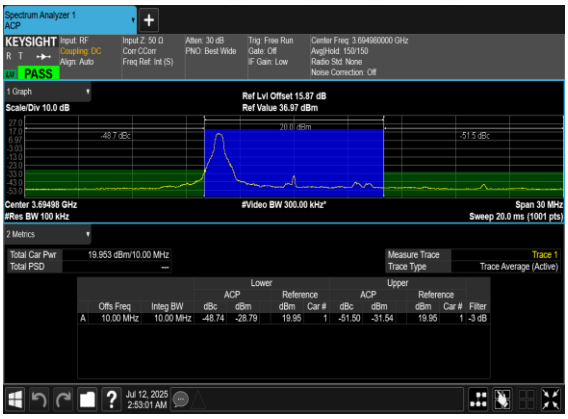
N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Mid_CH



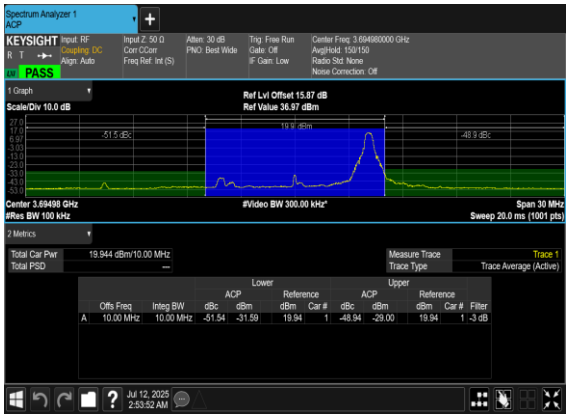
N77(10M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_High_CH



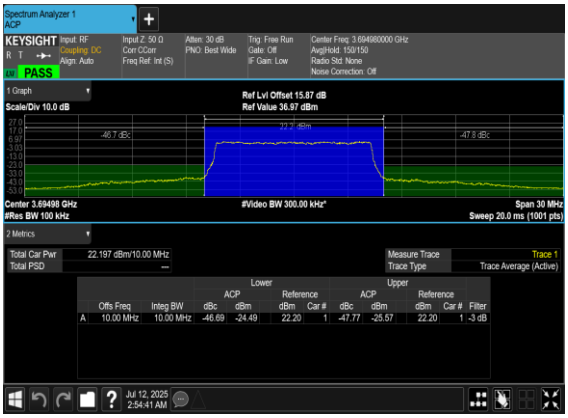
N77(10M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_High_CH



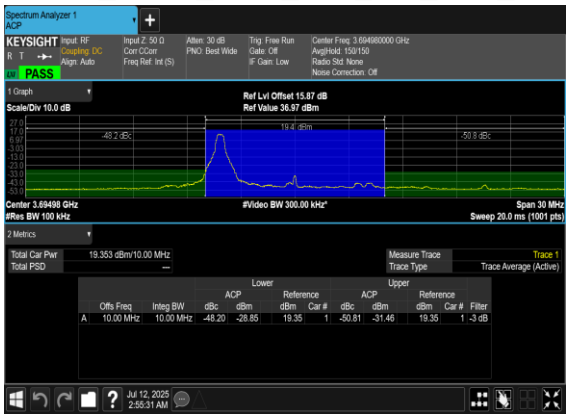
N77(10M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Right_High_CH



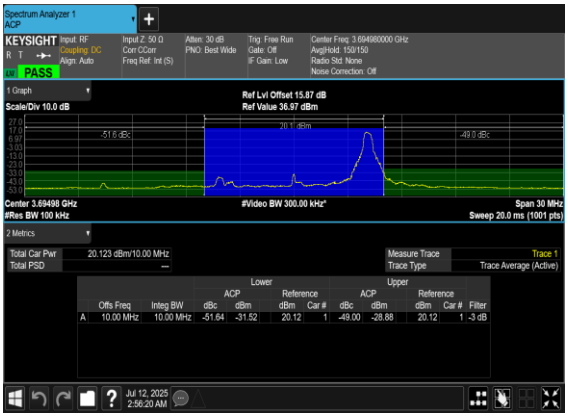
N77(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



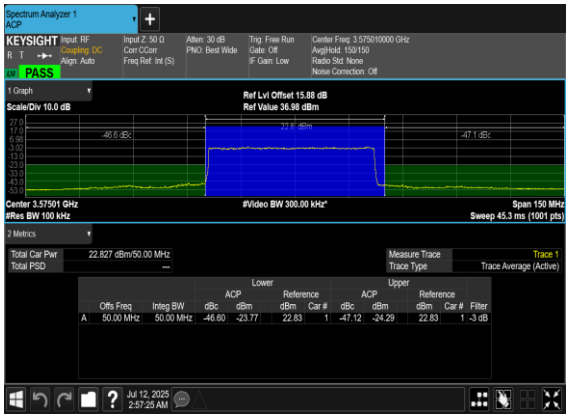
N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

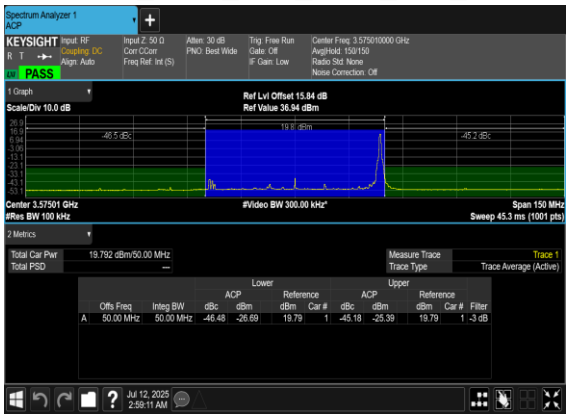


N77(50M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH

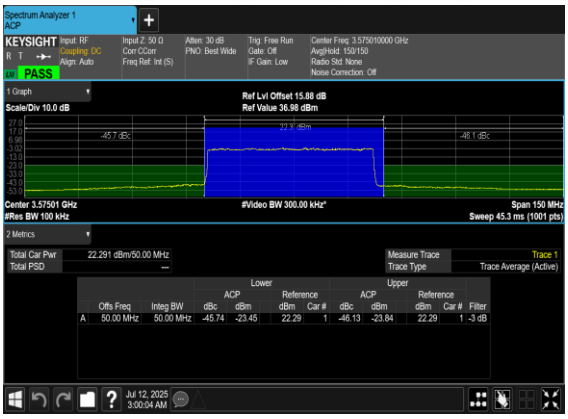


N77(50M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Low_CH

N77(50M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Right_Low_CH

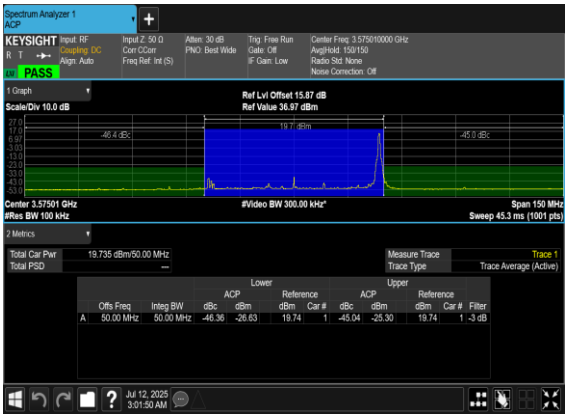


N77(50M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

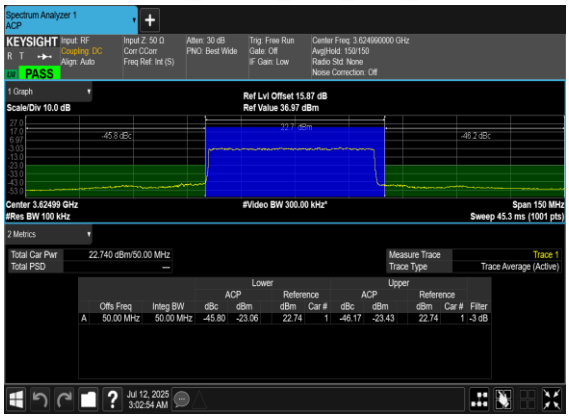


N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

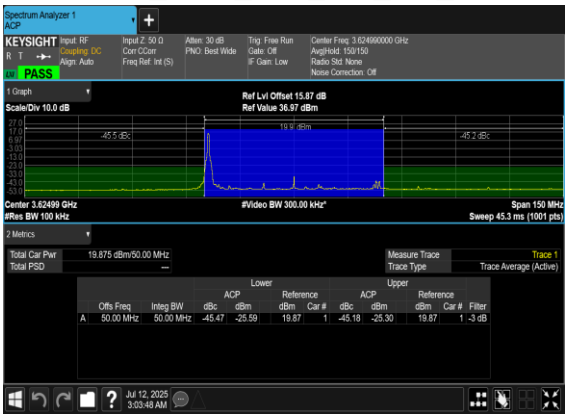
N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Low_CH



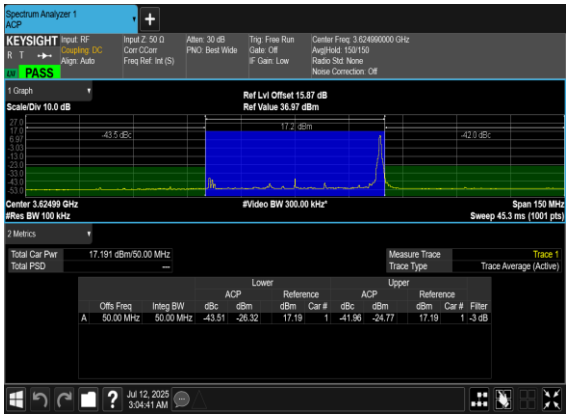
N77(50M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



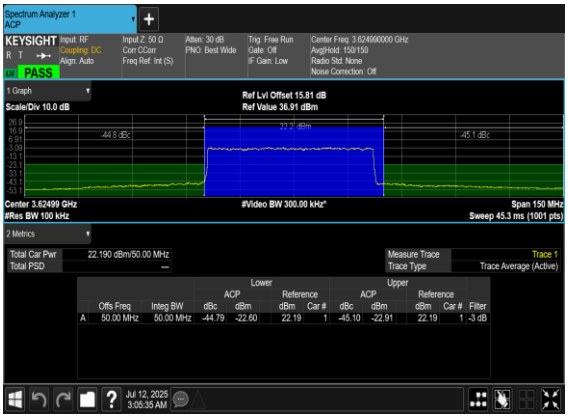
N77(50M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Mid_CH



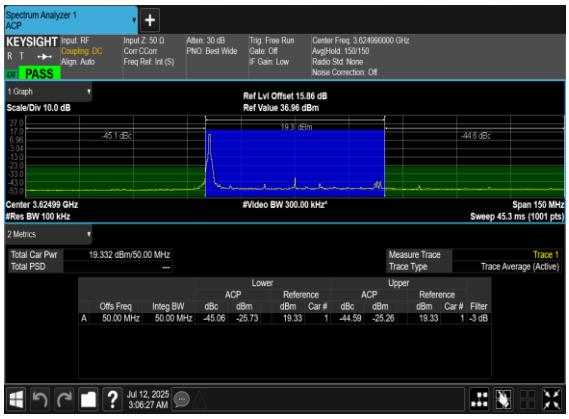
N77(50M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Right_Mid_CH



N77(50M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

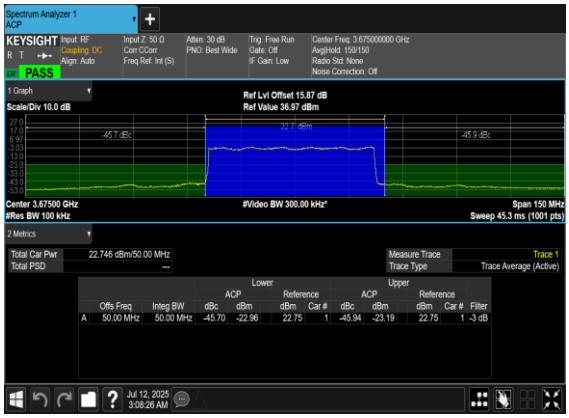


N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



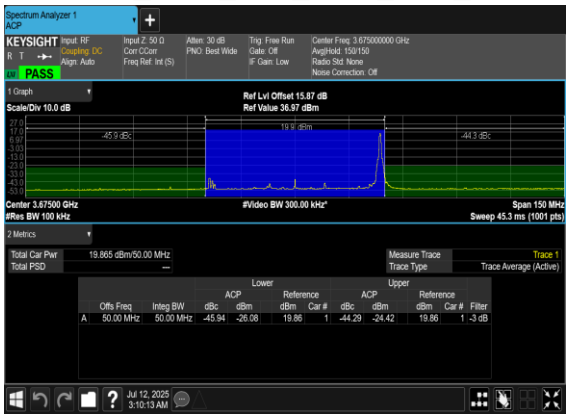
N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Mid_CH

N77(50M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_High_CH

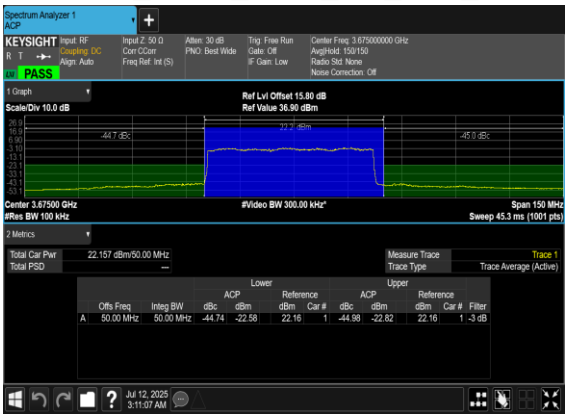


N77(50M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_High_CH

N77(50M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Right_High_CH



N77(50M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH