FCC RF Test Report

APPLICANT	:	TCL Communication Ltd.
EQUIPMENT	:	TCL LINKZONE Go 5G
BRAND NAME	:	TCL
MODEL NAME	:	MW501UV
FCC ID	:	2ACCJSCD006
STANDARD	:	47 CFR Part 27 Subpart O (3700-3980MHz)
CLASSIFICATION	:	PCS Licensed Transmitter (PCB)
TEST DATE(S)	:	Jul. 19, 2025 ~ Aug. 21, 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

Sporton International Inc. (ShenZhen)

1/F, 2/F, Bldg 5, Shiling Industrial Zone, Xinwei Village, Xili, Nanshan, Shenzhen, 518055

People's Republic of China

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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FG562417I	Rev. 01	Initial issue of report	Sep. 05, 2025

SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.4	§2.1046	Conducted Output Power	Reporting Only	PASS	-
	§27.50(j)(3)	Equivalent Isotropic Radiated Power (5G NR n77, n78)	EIRP < 1Watt		
3.5	§27.50(j)(4)	Peak-to-Average Ratio	<13 dB	PASS	-
3.6	§2.1049	Occupied Bandwidth	Reporting Only	PASS	-
3.7	§2.1051 §27.53(l)(2)	Conducted Band Edge Measurement (5G NR n77, n78)	< 43+10log10(P[Watts])	PASS	-
3.8	§2.1051 §27.53(l)(2)	Conducted Spurious Emission (5G NR n77, n78)	< 43+10log10(P[Watts])	PASS	-
3.9	§27.54	Frequency Stability Temperature & Voltage	Within Authorized Band	PASS	-
4.4	§2.1053 §27.53(l)(2)	Radiated Spurious Emission (5G NR n77, n78)	< $43+10\log_{10}$(P[Watts])	PASS	Under limit 38.68 dB at 11376.00 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

TCL Communication Ltd.
5/F, Building 22E, 22 Science Park East Avenue, Hong Kong Science Park, Shatin, NT, Hong Kong

1.2 Manufacturer

TCL Communication Ltd.
5/F, Building 22E, 22 Science Park East Avenue, Hong Kong Science Park, Shatin, NT, Hong Kong

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	TCL LINKZONE Go 5G
Brand Name	TCL
Model Name	MW501UV
FCC ID	2ACCJSCD006
IMEI Code	Conducted: 354431470000844 Radiation: 354431470000554
HW Version	V3.0
SW Version	VZW_MW501UV_RY_01.00_42
EUT Stage	Production Unit

Remark: The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

1.4 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx/Rx Frequency	5G NR n77: 3700 MHz ~ 3980 MHz 5G NR n78: 3700 MHz ~ 3800 MHz
SCS	15kHz, 30kHz
Bandwidth	**15kHz:** n77/n78: 10 / 15 / 20 / 25 / 30 / 40 / 50MHz **30kHz:** n77/n78: 10 / 15 / 20 / 25 / 30 / 40 / 50 / 60 / 70 / 80 / 90 / 100MHz
Antenna Gain	**<Ant. 5>** 5G NR n77/n78: 0.01 dBi **<Ant. 6>** 5G NR n77: -0.16 dBi 5G NR n78: -0.81 dBi
Type of Modulation	CP-OFDM: QPSK / 16QAM / 64QAM / 256QAM DFT-s-OFDM: PI/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM

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 5.
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.
3. The device supports HPUE mode for 5G NR n77/n78.
4. 5G NR n77/n7 support UL MIMO mode for Ant(5+6), and only supports CP-OFDM Modulation, the MIMO mode is completely uncorrelated, so the directional gain is selected the maximum gain among all antennas.
5. For MIMO mode, the conducted BE/Spurious are tested at single antenna port and add 10*log(N_{ANT}) according to KDB 662911 D01.
6. All the supported EN-DC combinations are verified conducted power, only the EN-DC combination with highest power are shown in the report.
7. The EN-DC mode combination could be referred to the product spec.

1.5 Modification of EUT

No modifications are made to the EUT during all test items.

1.6 Maximum EIRP and Emission Designator

5G NR n77 SA for SCS 15kHz		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	3705.00 ~ 3975.00	0.4406	9M27G7D	0.3508	9M29W7D
15	3705.52 ~ 3972.48	0.4395	14M1G7D	0.3467	14M1W7D
20	3710.01 ~ 3969.99	0.4365	19M0G7D	0.3540	18M9W7D
25	3712.50 ~ 3967.50	0.4395	23M7G7D	0.3540	23M8W7D
30	3715.02 ~ 3964.98	0.4385	28M6G7D	0.3589	28M5W7D
40	3720.00 ~ 3960.00	0.4446	38M6G7D	0.3532	38M6W7D
50	3725.01 ~ 3954.99	0.4325	48M1G7D	0.3565	48M2W7D

5G NR n77 SA for SCS 30kHz		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	3705.00 ~ 3975.00	0.4169	8M56G7D	0.3516	8M58W7D
15	3705.52 ~ 3972.48	0.4256	13M6G7D	0.3524	13M6W7D
20	3710.01 ~ 3969.99	0.4256	18M2G7D	0.3581	18M3W7D
25	3712.50 ~ 3967.50	0.4266	23M2G7D	0.3532	23M2W7D
30	3715.02 ~ 3964.98	0.4207	27M8G7D	0.3467	27M8W7D
40	3720.00 ~ 3960.00	0.4169	37M8G7D	0.3524	37M9W7D
50	3725.01 ~ 3954.99	0.4169	47M4G7D	0.3499	47M6W7D
60	3730.02 ~ 3949.98	0.4111	57M7G7D	0.3597	57M9W7D
70	3735.00 ~ 3945.00	0.4121	67M6G7D	0.3540	67M5W7D
80	3740.01 ~ 3939.99	0.4227	77M6G7D	0.3556	77M5W7D
90	3745.02 ~ 3934.98	0.4130	87M5G7D	0.3459	87M5W7D
100	3750.00 ~ 3930.00	0.4305	97M3G7D	0.3451	97M6W7D

5G NR n77 UL MIMO for SCS 15kHz		QPSK		16QAM / 64QAM / 256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
10	3705.00 ~ 3975.00	0.3148	9M27G7D	0.2871	9M31W7D
15	3705.52 ~ 3972.48	0.3236	14M1G7D	0.2931	14M1W7D
20	3710.01 ~ 3969.99	0.3221	18M9G7D	0.2938	18M9W7D
25	3712.50 ~ 3967.50	0.3206	23M8G7D	0.2938	23M8W7D
30	3715.02 ~ 3964.98	0.3266	28M5G7D	0.3006	28M6W7D
40	3720.00 ~ 3960.00	0.3221	38M7G7D	0.2985	38M6W7D
50	3725.01 ~ 3954.99	0.3381	48M3G7D	0.2965	48M3W7D

5G NR n77 UL MIMO for SCS 30kHz		QPSK		16QAM / 64QAM / 256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
10	3705.00 ~ 3975.00	0.3228	8M56G7D	0.2877	8M59W7D
15	3705.52 ~ 3972.48	0.3289	13M6G7D	0.2999	13M6W7D
20	3710.01 ~ 3969.99	0.3327	18M2G7D	0.2938	18M2W7D
25	3712.50 ~ 3967.50	0.3214	23M3G7D	0.2917	23M2W7D
30	3715.02 ~ 3964.98	0.3350	27M8G7D	0.3006	27M9W7D
40	3720.00 ~ 3960.00	0.3289	37M9G7D	0.2992	37M9W7D
50	3725.01 ~ 3954.99	0.3342	47M4G7D	0.3041	47M6W7D
60	3730.02 ~ 3949.98	0.3243	57M7G7D	0.2938	58M0W7D
70	3735.00 ~ 3945.00	0.3236	67M6G7D	0.2958	67M6W7D
80	3740.01 ~ 3939.99	0.3236	77M5G7D	0.2951	77M6W7D
90	3745.02 ~ 3934.98	0.3228	87M4G7D	0.2871	87M7W7D
100	3750.00 ~ 3930.00	0.3373	97M5G7D	0.2904	97M7W7D

5G NR n78 SA for SCS 15kHz		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	3705.00 ~ 3795.00	0.4150	9M27G7D	0.3311	9M29W7D
15	3707.52 ~ 3792.48	0.4178	14M1G7D	0.3342	14M1W7D
20	3710.01 ~ 3789.99	0.4150	19M0G7D	0.3334	18M9W7D
25	3712.50 ~ 3787.50	0.4178	23M7G7D	0.3342	23M8W7D
30	3715.02 ~ 3784.98	0.4285	28M6G7D	0.3459	28M5W7D
40	3720.00 ~ 3780.00	0.4150	38M6G7D	0.3396	38M6W7D
50	3725.01 ~ 3774.99	0.4305	48M1G7D	0.3428	48M2W7D

5G NR n78 SA for SCS 30kHz		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	3705.00 ~ 3795.00	0.4198	8M56G7D	0.3373	8M58W7D
15	3707.52 ~ 3792.48	0.4246	13M6G7D	0.3381	13M6W7D
20	3710.01 ~ 3789.99	0.4276	18M2G7D	0.3396	18M3W7D
25	3712.50 ~ 3787.50	0.4121	23M2G7D	0.3281	23M2W7D
30	3715.02 ~ 3784.98	0.1954	27M8G7D	0.1578	27M8W7D
40	3720.00 ~ 3780.00	0.1977	37M8G7D	0.1574	37M9W7D
50	3725.01 ~ 3774.99	0.2018	47M4G7D	0.1574	47M6W7D
60	3730.02 ~ 3769.98	0.1959	57M7G7D	0.1574	57M9W7D
70	3735.00 ~ 3765.00	0.2032	67M6G7D	0.1637	67M5W7D
80	3740.01 ~ 3759.99	0.1995	77M6G7D	0.1607	77M5W7D
90	3745.02 ~ 3754.98	0.2009	87M5G7D	0.1600	87M5W7D
100	3750.00 ~ 3750.00	0.4295	97M3G7D	0.3357	97M6W7D

5G NR n78 UL MIMO for SCS 15kHz		QPSK		16QAM / 64QAM / 256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
10	3705.00 ~ 3795.00	0.2535	9M27G7D	0.2312	9M31W7D
15	3707.52 ~ 3792.48	0.2649	14M1G7D	0.2415	14M1W7D
20	3710.01 ~ 3789.99	0.2612	18M9G7D	0.2377	18M9W7D
25	3712.50 ~ 3787.50	0.2642	23M8G7D	0.2388	23M8W7D
30	3715.02 ~ 3784.98	0.2636	28M5G7D	0.2443	28M6W7D
40	3720.00 ~ 3780.00	0.2642	38M7G7D	0.2415	38M6W7D
50	3725.01 ~ 3774.99	0.2667	48M3G7D	0.2415	48M3W7D

5G NR n78 UL MIMO for SCS 30kHz		QPSK		16QAM / 64QAM / 256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
10	3705.00 ~ 3795.00	0.2624	8M56G7D	0.2388	8M59W7D
15	3707.52 ~ 3792.48	0.2600	13M6G7D	0.2382	13M6W7D
20	3710.01 ~ 3789.99	0.2642	18M2G7D	0.2371	18M2W7D
25	3712.50 ~ 3787.50	0.2606	23M3G7D	0.2371	23M2W7D
30	3715.02 ~ 3784.98	0.2679	27M8G7D	0.2432	27M9W7D
40	3720.00 ~ 3780.00	0.2667	37M9G7D	0.2393	37M9W7D
50	3725.01 ~ 3774.99	0.2704	47M4G7D	0.2393	47M6W7D
60	3730.02 ~ 3769.98	0.2649	57M7G7D	0.2388	58M0W7D
70	3735.00 ~ 3765.00	0.2710	67M6G7D	0.2432	67M6W7D
80	3740.01 ~ 3759.99	0.2735	77M5G7D	0.2466	77M6W7D
90	3745.02 ~ 3754.98	0.2748	87M4G7D	0.2495	87M7W7D
100	3750.00 ~ 3750.00	0.2799	97M5G7D	0.2443	97M7W7D

Note:

1. 5G NR n77 overlaps the entire frequency range of 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.

1.7 Testing Location

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 03CH03-SZ	CN1256	421272

1.8 Test Software

Item	Site	Manufacture	Name	Version
1.	03CH03-SZ	AUDIX	E3	6.2009-8-24

1.9 Applicable Standards

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

- 47 CFR Part 27
- ANSI C63.26-2015
- FCC KDB 971168 D01 Power Meas License Digital Systems v03r01
- FCC KDB 412172 D01 Determining ERP and EIRP v01r01

Remark:

All test items were verified and recorded according to the standards and without any deviation during the test.

2 Test Configuration of Equipment Under Test

2.1 Test Mode

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

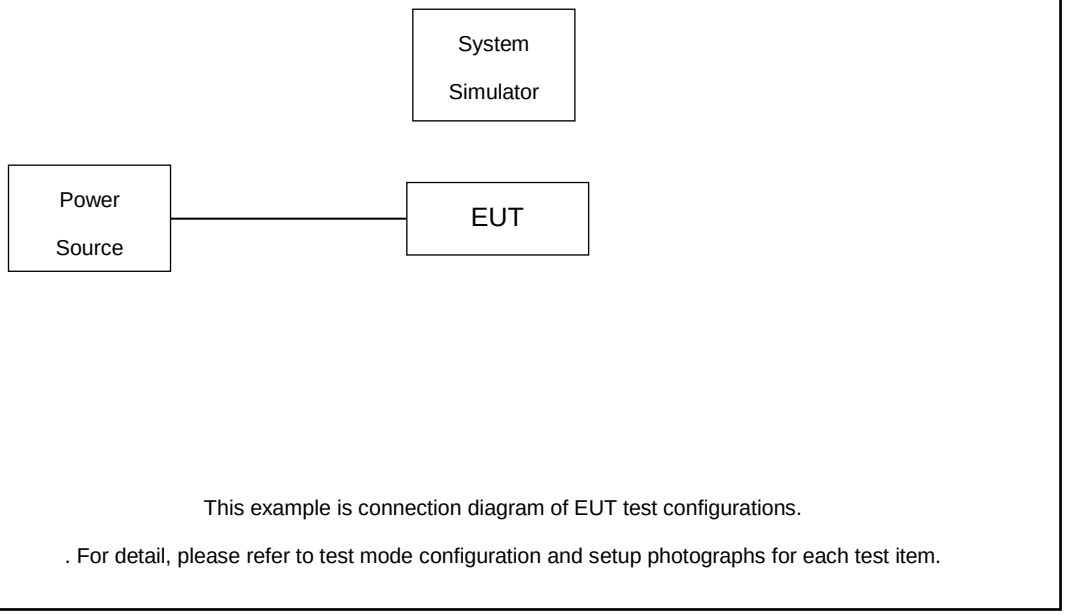
For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases (Z plane) were recorded in this report.

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.

	X Plane	Y Plane	Z Plane
Orthogonal Planes of EUT			

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
Peak-to-Average Ratio	n77			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
Conducted Spurious Emission	n77	v			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	
	n78	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. Frequency Stability：Normal Voltage = 3.80V；Low Voltage =3.40V.；High Voltage =4.40V.																						

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 and system

Item	Equipment	Trade Name	Model No.	FCC ID	Data Cable	Power Cord
1.	DC Power Supply	GW	GPS-3030D	N/A	N/A	Unshielded, 1.8 m
2.	LTE Base Station	Anritsu	MT8821C	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.

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 (15kHz) Channel and Frequency List				
BW [MHz]	**Channel/Frequency(MHz)**	**Lowest**	**Middle**	**Highest**
50	Channel	648334	656000	663666
	Frequency	3725.01	3840	3954.99
40	Channel	648000	656000	664000
	Frequency	3720	3840	3960
30	Channel	647668	656000	664332
	Frequency	3715.02	3840	3964.98
25	Channel	647500	656000	664500
	Frequency	3712.5	3840	3967.5
20	Channel	647334	656000	664666
	Frequency	3710.01	3840	3969.99
15	Channel	647168	656000	664832
	Frequency	3707.52	3840	3972.48
10	Channel	647000	656000	665000
	Frequency	3705	3840	3975

5G n77 (30kHz) Channel and Frequency List				
BW [MHz]	**Channel/Frequency(MHz)**	**Lowest**	**Middle**	**Highest**
100	Channel	650000	656000	662000
	Frequency	3750	3840	3930
90	Channel	649668	656000	662332
	Frequency	3745.02	3840	3934.98
80	Channel	649334	656000	662666
	Frequency	3740.01	3840	3939.99
70	Channel	649000	656000	663000
	Frequency	3735	3840	3945
60	Channel	648668	656000	663332
	Frequency	3730.02	3840	3949.98
50	Channel	648334	656000	663666
	Frequency	3725.01	3840	3954.99
40	Channel	648000	656000	664000
	Frequency	3720	3840	3960
30	Channel	647668	656000	664332
	Frequency	3715.02	3840	3964.98
25	Channel	647500	656000	664500
	Frequency	3712.5	3840	3967.5
20	Channel	647334	656000	664666
	Frequency	3710.01	3840	3969.99
15	Channel	647168	656000	664832
	Frequency	3707.52	3840	3972.48
10	Channel	647000	656000	665000
	Frequency	3705	3840	3975

5G n78(30kHz) Channel and Frequency List				
BW [MHz]	**Channel/Frequency(MHz)**	**Lowest**	**Middle**	**Highest**
50	Channel	648334	650000	651666
	Frequency	3725.01	3750	3774.99
40	Channel	648000	650000	652000
	Frequency	3720	3750	3780
30	Channel	647668	650000	652332
	Frequency	3715.02	3750	3784.98
25	Channel	647500	650000	652500
	Frequency	3712.5	3750	3787.5
20	Channel	647334	650000	652666
	Frequency	3710.01	3750	3789.99
15	Channel	647168	650000	652832
	Frequency	3707.52	3750	3792.48
10	Channel	647000	650000	653000
	Frequency	3705	3750	3795

5G n78(30kHz) Channel and Frequency List				
BW [MHz]	**Channel/Frequency(MHz)**	**Lowest**	**Middle**	**Highest**
100	Channel		650000	
	Frequency		3750	
90	Channel	649668	650000	650332
	Frequency	3745.02	3750	3754.98
80	Channel	649334	650000	650666
	Frequency	3740.01	3750	3759.99
70	Channel	649000	650000	651000
	Frequency	3735	3750	3765
60	Channel	648668	650000	651332
	Frequency	3730.02	3750	3769.98
50	Channel	648334	650000	651666
	Frequency	3725.01	3750	3774.99
40	Channel	648000	650000	652000
	Frequency	3720	3750	3780
30	Channel	647668	650000	652332
	Frequency	3715.02	3750	3784.98
25	Channel	647500	650000	652500
	Frequency	3712.5	3750	3787.5
20	Channel	647334	650000	652666
	Frequency	3710.01	3750	3789.99
15	Channel	647168	650000	652832
	Frequency	3707.52	3750	3792.48
10	Channel	647000	650000	653000
	Frequency	3705	3750	3795

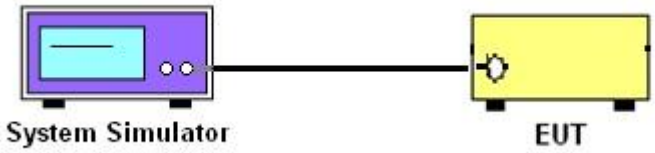
3 Conducted Test Items

3.1 Measuring Instruments

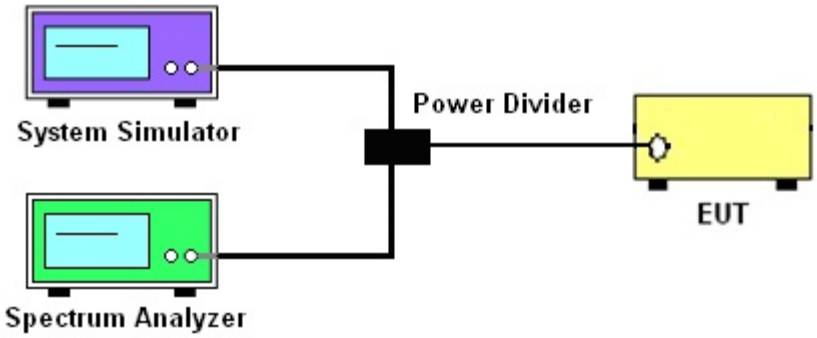
See list of measuring instruments of this test report.

3.2 Test Setup

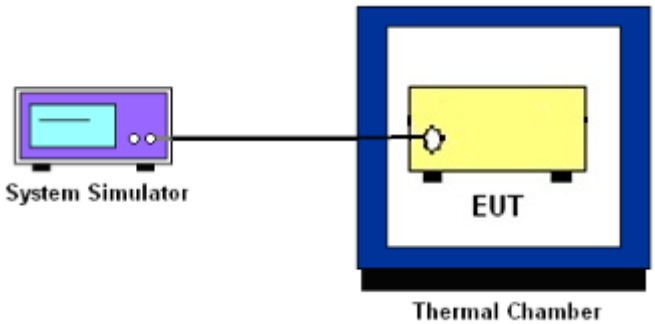
3.2.1 Conducted Output Power



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



3.2.3 Frequency Stability



3.3 Test Result of Conducted Test

Please refer to Appendix A.

3.4 Conducted Output Power and EIRP

3.4.1 Description of the Conducted Output Power Measurement and EIRP Measurement

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

The EIRP of mobile transmitters must not exceed 1 Watts for 5G NR n77, n78.

According to KDB 412172 D01 Power Approach,

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

P_T = transmitter output power in dBm

G_T = gain of the transmitting antenna in dBi

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

3.4.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.2
2. The transmitter output port was connected to the system simulator.
3. Set EUT at maximum power through the system simulator.
4. Select lowest, middle, and highest channels for each band and different modulation.
5. Measure and record the power level from the system simulator.

3.5 Peak-to-Average Ratio

3.5.1 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.

3.5.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.2.3.4 (CCDF).
2. The EUT was connected to spectrum and system simulator via a power divider.
3. Set the CCDF (Complementary Cumulative Distribution Function) option in spectrum analyzer.
4. The highest RF powers were measured and recorded the maximum PAPR level associated with a probability of 0.1 %.
5. Record the deviation as Peak to Average Ratio.

3.6 Occupied Bandwidth

3.6.1 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.

3.6.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.4
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. 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.
4. 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.
5. Set the detection mode to peak, and the trace mode to max hold.
6. 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)
7. Determine the “-26 dB down amplitude” as equal to (Reference Value – X).
8. 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.
9. Use the 99 % power bandwidth function of the spectrum analyzer and report the measured bandwidth.

3.7 Conducted Band Edge

3.7.1 Description of Conducted Band Edge Measurement

27.53(l)(2)

For mobile operations in the 3700-3980 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed −13 dBm/MHz. Compliance with this paragraph is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be either one percent of the emission bandwidth of the fundamental emission of the transmitter or 350 kHz. In the bands between 1 and 5 MHz removed from the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be 500 kHz.

3.7.2 Test Procedures

1. The testing follows ANSI C63.26 section 5.7
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. The band edges of low and high channels for the highest RF powers were measured.
4. Set RBW >= 1% EBW in the 1MHz band immediately outside and adjacent to the band edge.
5. Beyond the 1 MHz band from the band edge, RBW=1MHz was used or a narrower RBW was used (generally limited to no less than 1% of the OBW) and the measured power was integrated over the full required measurement bandwidth.
6. Set spectrum analyzer with RMS detector.
7. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
8. Checked that all the results comply with the emission limit line.
   Example:
   The limit line is derived from 43 + 10log(P)dB below the transmitter power P(Watts)
   = P(W)- [43 + 10log(P)] (dB)
   = [30 + 10log(P)] (dBm) - [43 + 10log(P)] (dB) = -13dBm.
9. When using the integration method, the starting frequency of the integration shall be centered at one-half of the RBW away from the band edge.

3.8 Conducted Spurious Emission

3.8.1 Description of Conducted Spurious Emission Measurement

The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least 43 + 10 log (P) dB.

It is measured by means of a calibrated spectrum analyzer and scanned from 30 MHz up to a frequency including its 10^{th} harmonic.

3.8.2 Test Procedures

1. The testing follows ANSI C63.26 section 5.7
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. 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.
4. The middle channel for the highest RF power within the transmitting frequency was measured.
5. The conducted spurious emission for the whole frequency range was taken.
6. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz.
7. Set spectrum analyzer with RMS detector.
8. Taking the record of maximum spurious emission.
9. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
10. The limit line is derived from 43 + 10log(P)dB below the transmitter power P(Watts)
    = P(W)- [43 + 10log(P)] (dB)
    = [30 + 10log(P)] (dBm) - [43 + 10log(P)] (dB)
    = -13dBm.

3.9 Frequency Stability

3.9.1 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. The frequency stability of the transmitter shall be maintained within ±0.00025% (±2.5ppm) of the center frequency.

3.9.2 Test Procedures for Temperature Variation

1. The testing follows ANSI C63.26 section 5.6.4
2. The EUT was set up in the thermal chamber and connected with the system simulator.
3. 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.
4. 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.

3.9.3 Test Procedures for Voltage Variation

1. The testing follows ANSI C63.26 section 5.6.5
2. The EUT was placed in a temperature chamber at 20±5°C and connected with the system simulator.
3. The power supply voltage to the EUT was varied from 85% to 115% of the nominal value for other than hand carried battery equipment.
4. For hand carried, battery powered equipment, reduce the primary ac or dc supply voltage to the battery operating end point, which shall be specified by the manufacturer.
5. The variation in frequency was measured for the worst case.

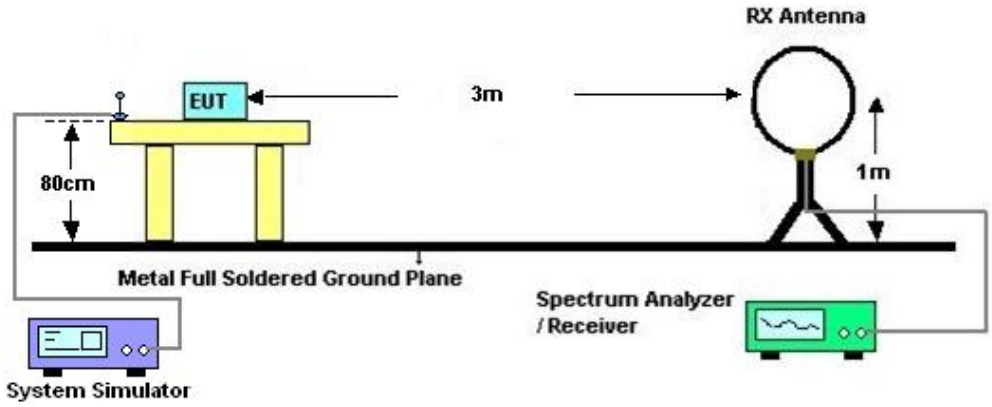
4 Radiated Test Items

4.1 Measuring Instruments

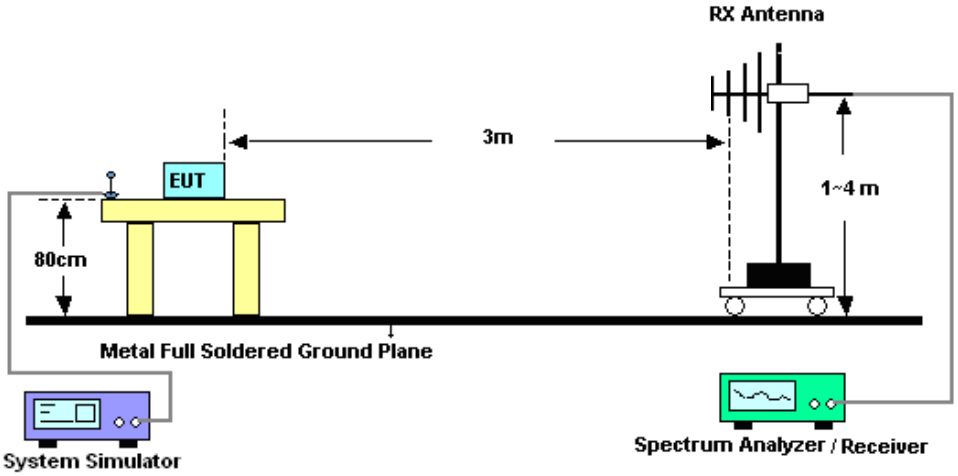
See list of measuring instruments of this test report.

4.2 Test Setup

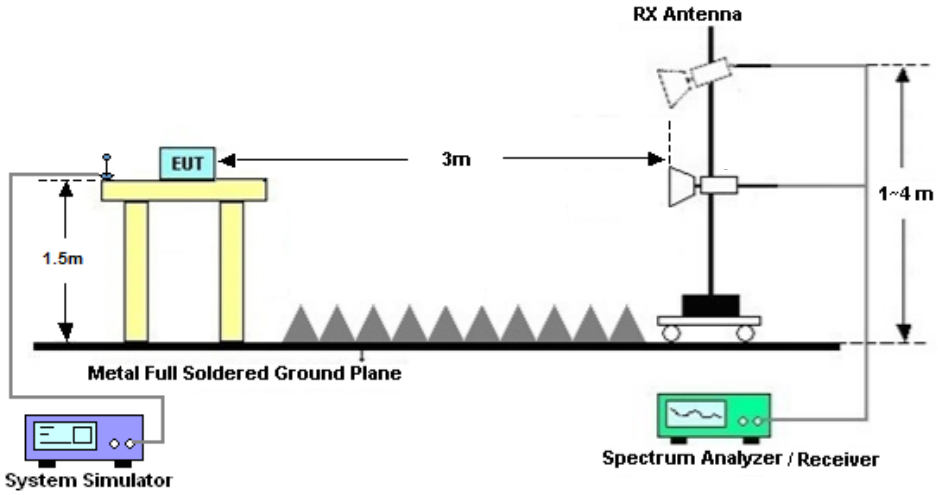
4.2.1 For radiated test below 30MHz



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

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 43 + 10 log (P) dB.

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

4.4.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.5
2. 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.
3. The EUT was set 3 meters from the receiving antenna mounted on the antenna tower.
4. The table was rotated 360 degrees to determine the position of the highest spurious emission.
5. The height of the receiving antenna is varied between 1m to 4m to search the maximum spurious emission for both horizontal and vertical polarizations.
6. During the measurement, the system simulator parameters were set to force the EUT transmitting at maximum output power.
7. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
8. A horn antenna was substituted in place of the EUT and was driven by a signal generator.
9. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
10. EIRP (dBm) = S.G. Power – Tx Cable Loss + Tx Antenna Gain
11. ERP (dBm) = EIRP - 2.15
12. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
    The limit line is derived from 43 + 10log(P)dB below the transmitter power P(Watts)
    = P(W)- [43 + 10log(P)] (dB)
    = [30 + 10log(P)] (dBm) - [43 + 10log(P)] (dB)
    = -13dBm.

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. 19, 2025~ Jul. 20, 2025	Apr. 01, 2026	Conducted (TH01-SZ)
DC Power Supply	TTI	PL330P	290070	Max 32V，3A	Oct.14,2024	Jul. 19, 2025~ Jul. 20, 2025	Oct. 13, 2025	Conducted (TH01-SZ)
Power Divider	TOJOIN	PS-2SM-04 265	60.06.020.0077	0.4GHz~26.5GHz	Dec. 24, 2024	Jul. 19, 2025~ Jul. 20, 2025	Dec. 23, 2025	Conducted (TH01-SZ)
Thermal Chamber	Ten Billion Hongzhangroup	LP-150U	H2014081803	-40~+150°C	Jul. 02, 2025	Jul. 19, 2025~ Jul. 20, 2025	Jul. 01, 2026	Conducted (TH01-SZ)
EMI Test Receiver&SA	KEYSIGHT	N9038A	MY54450083	20Hz~8.4GHz	Apr. 02, 2025	Aug. 21, 2025	Apr. 01, 2026	Radiation (03CH03-SZ)
Loop Antenna	R&S	HFH2-Z2E	101141	9kHz~30MHz	Dec. 28, 2024	Aug. 21, 2025	Dec. 27, 2025	Radiation (03CH03-SZ)
EXA Signal Analyzer	KEYSIGHT	N9010B	MY59071191	10KHz-44GHz	Apr. 02, 2025	Aug. 21, 2025	Apr. 01, 2026	Radiation (03CH03-SZ
Bilog Antenna	TeseQ	CBL6112D	35408	30MHz-2GHz	Aug. 19, 2025	Aug. 21, 2025	Aug. 18, 2026	Radiation (03CH03-SZ)
Double Ridege Guide Antenna	ETS-Lindgren	Burgeon-31 17	00240107	1GHz~18GHz	Jul. 13, 2025	Aug. 21, 2025	Jul.12, 2026	Radiation (03CH03-SZ)
Amplifier	EM Electronics	EM330	060756	0.01Hz ~3000MHz	Apr. 02, 2025	Aug. 21, 2025	Apr. 01, 2026	Radiation (03CH03-SZ)
HF Amplifier	MITEQ	TTA1840-35 -HG	1871923	18GHz~40GHz	Jul. 03, 2025	Aug. 21, 2025	Jul.02, 2026	Radiation (03CH03-SZ)
SHF-EHF Horn	com-power	AH-840	101071	18Ghz-40GHz	Apr. 03, 2025	Aug. 21, 2025	Apr. 02, 2027	Radiation (03CH03-SZ)
HF Amplifier	Keysight	83017A	MY53270357	500MHz~26.5GHz	Apr. 02, 2025	Aug. 21, 2025	Apr. 01, 2026	Radiation (03CH03-SZ)
AC Power Source	Chroma	61601	616010002729	N/A	Oct. 18, 2024	Aug. 21, 2025	Oct. 17, 2025	Radiation (03CH03-SZ)
Turn Table	EM	EM1000	N/A	0~360 degree	NCR	Aug. 21, 2025	NCR	Radiation (03CH03-SZ)
Antenna Mast	EM	EM1000	N/A	1 m~4 m	NCR	Aug. 21, 2025	NCR	Radiation (03CH03-SZ)

NCR: No Calibration Required

6 Measurement Uncertainty

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI 63.26-2015. All the measurement uncertainty value were shown with a coverage K=2 to indicate 95% level of confidence. The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance.

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))	3.0 dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	3.6 dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	3.8 dB

---------- THE END ----------

Appendix A. Test Results of Conducted Test

Test Engineer :	Khan Zhen	**Temperature :**	24~26℃
		Relative Humidity :	50~53%

Software Version: 23.06.1602

FR1 N77 Ant 5_15 kHz

Transmitter Conducted Output Power And EIRP, (GT - LC)= 0.01 dBi

NR Band	SCS	BandWidth	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)
77	15	10	647000	3705	DFT-s-OFDM QPSK	25@12	25.83	25.84	0.3837
77	15	10	647000	3705	DFT-s-OFDM QPSK	1@1	25.85	25.86	0.3855
77	15	10	647000	3705	DFT-s-OFDM QPSK	1@50	25.87	25.88	0.3873
77	15	10	647000	3705	DFT-s-OFDM 16 QAM	25@12	24.83	24.84	0.3048
77	15	10	647000	3705	DFT-s-OFDM 16 QAM	1@1	24.87	24.88	0.3076
77	15	10	647000	3705	DFT-s-OFDM 16 QAM	1@50	24.88	24.89	0.3083
77	15	10	656000	3840	DFT-s-OFDM QPSK	25@12	25.64	25.65	0.3673
77	15	10	656000	3840	DFT-s-OFDM QPSK	1@1	25.68	25.69	0.3707
77	15	10	656000	3840	DFT-s-OFDM QPSK	1@50	25.64	25.65	0.3673
77	15	10	656000	3840	DFT-s-OFDM 16 QAM	25@12	24.67	24.68	0.2938
77	15	10	656000	3840	DFT-s-OFDM 16 QAM	1@1	24.72	24.73	0.2972
77	15	10	656000	3840	DFT-s-OFDM 16 QAM	1@50	24.7	24.71	0.2958
77	15	10	665000	3975	DFT-s-OFDM QPSK	25@12	26.36	26.37	0.4335
77	15	10	665000	3975	DFT-s-OFDM QPSK	1@1	26.41	26.42	0.4385
77	15	10	665000	3975	DFT-s-OFDM QPSK	1@50	26.43	26.44	0.4406
77	15	10	665000	3975	DFT-s-OFDM 16 QAM	25@12	25.39	25.4	0.3467
77	15	10	665000	3975	DFT-s-OFDM 16 QAM	1@1	25.42	25.43	0.3491
77	15	10	665000	3975	DFT-s-OFDM 16 QAM	1@50	25.44	25.45	0.3508
77	15	15	647167	3707.505	DFT-s-OFDM QPSK	36@18	25.84	25.85	0.3846
77	15	15	647167	3707.505	DFT-s-OFDM QPSK	1@1	25.9	25.91	0.3899
77	15	15	647167	3707.505	DFT-s-OFDM QPSK	1@77	25.92	25.93	0.3917
77	15	15	647167	3707.505	DFT-s-OFDM 16 QAM	36@18	24.85	24.86	0.3062
77	15	15	647167	3707.505	DFT-s-OFDM 16 QAM	1@1	24.89	24.9	0.3090
77	15	15	647167	3707.505	DFT-s-OFDM 16 QAM	1@77	24.93	24.94	0.3119
77	15	15	656000	3840	DFT-s-OFDM QPSK	36@18	25.71	25.72	0.3733
77	15	15	656000	3840	DFT-s-OFDM QPSK	1@1	25.78	25.79	0.3793
77	15	15	656000	3840	DFT-s-OFDM QPSK	1@77	25.72	25.73	0.3741
77	15	15	656000	3840	DFT-s-OFDM 16 QAM	36@18	24.7	24.71	0.2958
77	15	15	656000	3840	DFT-s-OFDM 16 QAM	1@1	24.78	24.79	0.3013
77	15	15	656000	3840	DFT-s-OFDM 16 QAM	1@77	24.71	24.72	0.2965
77	15	15	664833	3972.495	DFT-s-OFDM QPSK	36@18	26.33	26.34	0.4305
77	15	15	664833	3972.495	DFT-s-OFDM QPSK	1@1	26.38	26.39	0.4355
77	15	15	664833	3972.495	DFT-s-OFDM QPSK	1@77	26.42	26.43	0.4395
77	15	15	664833	3972.495	DFT-s-OFDM 16 QAM	36@18	25.34	25.35	0.3428
77	15	15	664833	3972.495	DFT-s-OFDM 16 QAM	1@1	25.36	25.37	0.3443
77	15	15	664833	3972.495	DFT-s-OFDM 16 QAM	1@77	25.39	25.4	0.3467

77	15	20	647334	3710.01	DFT-s-OFDM QPSK	50@25	25.87	25.88	0.3873
77	15	20	647334	3710.01	DFT-s-OFDM QPSK	1@1	25.83	25.84	0.3837
77	15	20	647334	3710.01	DFT-s-OFDM QPSK	1@104	25.85	25.86	0.3855
77	15	20	647334	3710.01	DFT-s-OFDM 16 QAM	50@25	24.88	24.89	0.3083
77	15	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@1	24.9	24.91	0.3097
77	15	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@104	24.91	24.92	0.3105
77	15	20	656000	3840	DFT-s-OFDM QPSK	50@25	25.73	25.74	0.3750
77	15	20	656000	3840	DFT-s-OFDM QPSK	1@1	25.82	25.83	0.3828
77	15	20	656000	3840	DFT-s-OFDM QPSK	1@104	25.67	25.68	0.3698
77	15	20	656000	3840	DFT-s-OFDM 16 QAM	50@25	24.72	24.73	0.2972
77	15	20	656000	3840	DFT-s-OFDM 16 QAM	1@1	24.84	24.85	0.3055
77	15	20	656000	3840	DFT-s-OFDM 16 QAM	1@104	24.72	24.73	0.2972
77	15	20	664666	3969.99	DFT-s-OFDM QPSK	50@25	26.37	26.38	0.4345
77	15	20	664666	3969.99	DFT-s-OFDM QPSK	1@1	26.38	26.39	0.4355
77	15	20	664666	3969.99	DFT-s-OFDM QPSK	1@104	26.39	26.4	0.4365
77	15	20	664666	3969.99	DFT-s-OFDM 16 QAM	50@25	25.4	25.41	0.3475
77	15	20	664666	3969.99	DFT-s-OFDM 16 QAM	1@1	25.38	25.39	0.3459
77	15	20	664666	3969.99	DFT-s-OFDM 16 QAM	1@104	25.48	25.49	0.3540
77	15	25	647500	3712.5	DFT-s-OFDM QPSK	64@32	25.84	25.85	0.3846
77	15	25	647500	3712.5	DFT-s-OFDM QPSK	1@1	25.79	25.8	0.3802
77	15	25	647500	3712.5	DFT-s-OFDM QPSK	1@131	25.79	25.8	0.3802
77	15	25	647500	3712.5	DFT-s-OFDM 16 QAM	64@32	24.83	24.84	0.3048
77	15	25	647500	3712.5	DFT-s-OFDM 16 QAM	1@1	24.82	24.83	0.3041
77	15	25	647500	3712.5	DFT-s-OFDM 16 QAM	1@131	24.85	24.86	0.3062
77	15	25	656000	3840	DFT-s-OFDM QPSK	64@32	25.7	25.71	0.3724
77	15	25	656000	3840	DFT-s-OFDM QPSK	1@1	25.78	25.79	0.3793
77	15	25	656000	3840	DFT-s-OFDM QPSK	1@131	25.7	25.71	0.3724
77	15	25	656000	3840	DFT-s-OFDM 16 QAM	64@32	24.68	24.69	0.2944
77	15	25	656000	3840	DFT-s-OFDM 16 QAM	1@1	24.8	24.81	0.3027
77	15	25	656000	3840	DFT-s-OFDM 16 QAM	1@131	24.69	24.7	0.2951
77	15	25	664500	3967.5	DFT-s-OFDM QPSK	64@32	26.41	26.42	0.4385
77	15	25	664500	3967.5	DFT-s-OFDM QPSK	1@1	26.37	26.38	0.4345
77	15	25	664500	3967.5	DFT-s-OFDM QPSK	1@131	26.42	26.43	0.4395
77	15	25	664500	3967.5	DFT-s-OFDM 16 QAM	64@32	25.37	25.38	0.3451
77	15	25	664500	3967.5	DFT-s-OFDM 16 QAM	1@1	25.35	25.36	0.3436
77	15	25	664500	3967.5	DFT-s-OFDM 16 QAM	1@131	25.48	25.49	0.3540
77	15	30	647667	3715.005	DFT-s-OFDM QPSK	80@40	25.92	25.93	0.3917
77	15	30	647667	3715.005	DFT-s-OFDM QPSK	1@1	25.94	25.95	0.3936
77	15	30	647667	3715.005	DFT-s-OFDM QPSK	1@158	25.89	25.9	0.3890
77	15	30	647667	3715.005	DFT-s-OFDM 16 QAM	80@40	24.93	24.94	0.3119
77	15	30	647667	3715.005	DFT-s-OFDM 16 QAM	1@1	24.95	24.96	0.3133
77	15	30	647667	3715.005	DFT-s-OFDM 16 QAM	1@158	24.98	24.99	0.3155
77	15	30	656000	3840	DFT-s-OFDM QPSK	80@40	25.74	25.75	0.3758
77	15	30	656000	3840	DFT-s-OFDM QPSK	1@1	25.91	25.92	0.3908
77	15	30	656000	3840	DFT-s-OFDM QPSK	1@158	25.72	25.73	0.3741

77	15	30	656000	3840	DFT-s-OFDM 16 QAM	80@40	24.75	24.76	0.2992
77	15	30	656000	3840	DFT-s-OFDM 16 QAM	1@1	24.92	24.93	0.3112
77	15	30	656000	3840	DFT-s-OFDM 16 QAM	1@158	24.78	24.79	0.3013
77	15	30	664332	3964.98	DFT-s-OFDM QPSK	80@40	26.39	26.4	0.4365
77	15	30	664332	3964.98	DFT-s-OFDM QPSK	1@1	26.35	26.36	0.4325
77	15	30	664332	3964.98	DFT-s-OFDM QPSK	1@158	26.41	26.42	0.4385
77	15	30	664332	3964.98	DFT-s-OFDM 16 QAM	80@40	25.37	25.38	0.3451
77	15	30	664332	3964.98	DFT-s-OFDM 16 QAM	1@1	25.35	25.36	0.3436
77	15	30	664332	3964.98	DFT-s-OFDM 16 QAM	1@158	25.54	25.55	0.3589
77	15	40	648000	3720	DFT-s-OFDM QPSK	108@54	25.9	25.91	0.3899
77	15	40	648000	3720	DFT-s-OFDM QPSK	1@1	25.91	25.92	0.3908
77	15	40	648000	3720	DFT-s-OFDM QPSK	1@214	25.91	25.92	0.3908
77	15	40	648000	3720	DFT-s-OFDM 16 QAM	108@54	24.95	24.96	0.3133
77	15	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	24.94	24.95	0.3126
77	15	40	648000	3720	DFT-s-OFDM 16 QAM	1@214	24.99	25	0.3162
77	15	40	656000	3840	DFT-s-OFDM QPSK	108@54	25.75	25.76	0.3767
77	15	40	656000	3840	DFT-s-OFDM QPSK	1@1	25.93	25.94	0.3926
77	15	40	656000	3840	DFT-s-OFDM QPSK	1@214	25.74	25.75	0.3758
77	15	40	656000	3840	DFT-s-OFDM 16 QAM	108@54	24.75	24.76	0.2992
77	15	40	656000	3840	DFT-s-OFDM 16 QAM	1@1	24.96	24.97	0.3141
77	15	40	656000	3840	DFT-s-OFDM 16 QAM	1@214	24.75	24.76	0.2992
77	15	40	664000	3960	DFT-s-OFDM QPSK	108@54	26.41	26.42	0.4385
77	15	40	664000	3960	DFT-s-OFDM QPSK	1@1	26.39	26.4	0.4365
77	15	40	664000	3960	DFT-s-OFDM QPSK	1@214	26.47	26.48	0.4446
77	15	40	664000	3960	DFT-s-OFDM 16 QAM	108@54	25.41	25.42	0.3483
77	15	40	664000	3960	DFT-s-OFDM 16 QAM	1@1	25.43	25.44	0.3499
77	15	40	664000	3960	DFT-s-OFDM 16 QAM	1@214	25.47	25.48	0.3532
77	15	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	135@67	25.98	25.99	0.3972
77	15	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	1@1	25.79	25.8	0.3802
77	15	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	1@268	25.85	25.86	0.3855
77	15	50	648334	3725.01	DFT-s-OFDM QPSK	135@67	25.98	25.99	0.3972
77	15	50	648334	3725.01	DFT-s-OFDM QPSK	1@1	25.89	25.9	0.3890
77	15	50	648334	3725.01	DFT-s-OFDM QPSK	1@268	25.97	25.98	0.3963
77	15	50	648334	3725.01	DFT-s-OFDM 16 QAM	135@67	24.98	24.99	0.3155
77	15	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@1	25.03	25.04	0.3192
77	15	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@268	24.99	25	0.3162
77	15	50	648334	3725.01	DFT-s-OFDM 64 QAM	135@67	23.5	23.51	0.2244
77	15	50	648334	3725.01	DFT-s-OFDM 64 QAM	1@1	23.18	23.19	0.2084
77	15	50	648334	3725.01	DFT-s-OFDM 64 QAM	1@268	23.28	23.29	0.2133
77	15	50	648334	3725.01	DFT-s-OFDM 256 QAM	135@67	21.47	21.48	0.1406
77	15	50	648334	3725.01	DFT-s-OFDM 256 QAM	1@1	21.29	21.3	0.1349
77	15	50	648334	3725.01	DFT-s-OFDM 256 QAM	1@268	21.34	21.35	0.1365
77	15	50	648334	3725.01	CP-OFDM QPSK	135@67	24.5	24.51	0.2825
77	15	50	648334	3725.01	CP-OFDM QPSK	1@1	24.33	24.34	0.2716
77	15	50	648334	3725.01	CP-OFDM QPSK	1@268	24.41	24.42	0.2767

77	15	50	656000	3840	DFT-s-OFDM PI/2 BPSK	135@67	25.74	25.75	0.3758
77	15	50	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	25.79	25.8	0.3802
77	15	50	656000	3840	DFT-s-OFDM PI/2 BPSK	1@268	25.59	25.6	0.3631
77	15	50	656000	3840	DFT-s-OFDM QPSK	135@67	25.75	25.76	0.3767
77	15	50	656000	3840	DFT-s-OFDM QPSK	1@1	25.89	25.9	0.3890
77	15	50	656000	3840	DFT-s-OFDM QPSK	1@268	25.72	25.73	0.3741
77	15	50	656000	3840	DFT-s-OFDM 16 QAM	135@67	24.76	24.77	0.2999
77	15	50	656000	3840	DFT-s-OFDM 16 QAM	1@1	24.9	24.91	0.3097
77	15	50	656000	3840	DFT-s-OFDM 16 QAM	1@268	24.77	24.78	0.3006
77	15	50	656000	3840	DFT-s-OFDM 64 QAM	135@67	23.28	23.29	0.2133
77	15	50	656000	3840	DFT-s-OFDM 64 QAM	1@1	23.18	23.19	0.2084
77	15	50	656000	3840	DFT-s-OFDM 64 QAM	1@268	23.03	23.04	0.2014
77	15	50	656000	3840	DFT-s-OFDM 256 QAM	135@67	21.29	21.3	0.1349
77	15	50	656000	3840	DFT-s-OFDM 256 QAM	1@1	21.28	21.29	0.1346
77	15	50	656000	3840	DFT-s-OFDM 256 QAM	1@268	21.1	21.11	0.1291
77	15	50	656000	3840	CP-OFDM QPSK	135@67	24.25	24.26	0.2667
77	15	50	656000	3840	CP-OFDM QPSK	1@1	24.31	24.32	0.2704
77	15	50	656000	3840	CP-OFDM QPSK	1@268	24.16	24.17	0.2612
77	15	50	663666	3954.99	DFT-s-OFDM PI/2 BPSK	135@67	26.32	26.33	0.4295
77	15	50	663666	3954.99	DFT-s-OFDM PI/2 BPSK	1@1	26.08	26.09	0.4064
77	15	50	663666	3954.99	DFT-s-OFDM PI/2 BPSK	1@268	26.28	26.29	0.4256
77	15	50	663666	3954.99	DFT-s-OFDM QPSK	135@67	26.34	26.35	0.4315
77	15	50	663666	3954.99	DFT-s-OFDM QPSK	1@1	26.29	26.3	0.4266
77	15	50	663666	3954.99	DFT-s-OFDM QPSK	1@268	26.35	26.36	0.4325
77	15	50	663666	3954.99	DFT-s-OFDM 16 QAM	135@67	25.36	25.37	0.3443
77	15	50	663666	3954.99	DFT-s-OFDM 16 QAM	1@1	25.26	25.27	0.3365
77	15	50	663666	3954.99	DFT-s-OFDM 16 QAM	1@268	25.51	25.52	0.3565
77	15	50	663666	3954.99	DFT-s-OFDM 64 QAM	135@67	23.87	23.88	0.2443
77	15	50	663666	3954.99	DFT-s-OFDM 64 QAM	1@1	23.47	23.48	0.2228
77	15	50	663666	3954.99	DFT-s-OFDM 64 QAM	1@268	23.62	23.63	0.2307
77	15	50	663666	3954.99	DFT-s-OFDM 256 QAM	135@67	21.86	21.87	0.1538
77	15	50	663666	3954.99	DFT-s-OFDM 256 QAM	1@1	21.64	21.65	0.1462
77	15	50	663666	3954.99	DFT-s-OFDM 256 QAM	1@268	21.84	21.85	0.1531
77	15	50	663666	3954.99	CP-OFDM QPSK	135@67	24.87	24.88	0.3076
77	15	50	663666	3954.99	CP-OFDM QPSK	1@1	24.66	24.67	0.2931
77	15	50	663666	3954.99	CP-OFDM QPSK	1@268	24.82	24.83	0.3041

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (Hz)	Verdict	Environment
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	100@0	13.2	**PASS**	NV
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	100@0	8.5	**PASS**	LV
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	100@0	14.5	**PASS**	HV
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	100@0	11.3	**PASS**	-30℃
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	100@0	9.1	**PASS**	-20℃
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	100@0	8.3	**PASS**	-10℃
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	100@0	13.6	**PASS**	0℃
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	100@0	9.5	**PASS**	10℃
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	100@0	12.8	**PASS**	20℃
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	100@0	18.9	**PASS**	30℃
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	100@0	16.7	**PASS**	40℃
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	100@0	14.3	**PASS**	50℃

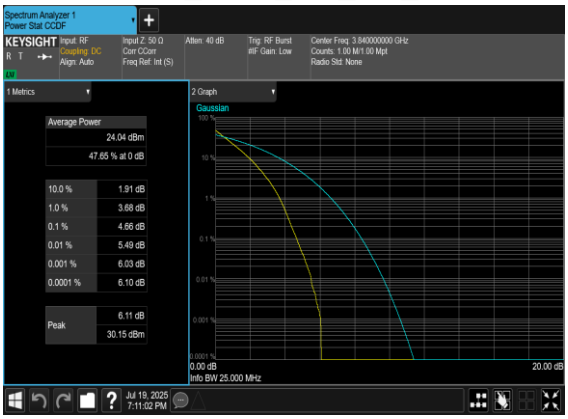
|MAX(△f)| =18.9 Hz

Frequency Stability	Frequency (MHz)	Limit Line	Result
fL – |MAX(△f)|	3700.899081	≧ 3700 MHz	PASS
fH + |MAX(△f)|	3979.100919	≦ 3980 MHz	

Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
77	15	20	656000	3840.0	DFT-s-OFDM PI/2 BPSK	100@0	4.66	13	**PASS**
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	100@0	5.78	13	**PASS**

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



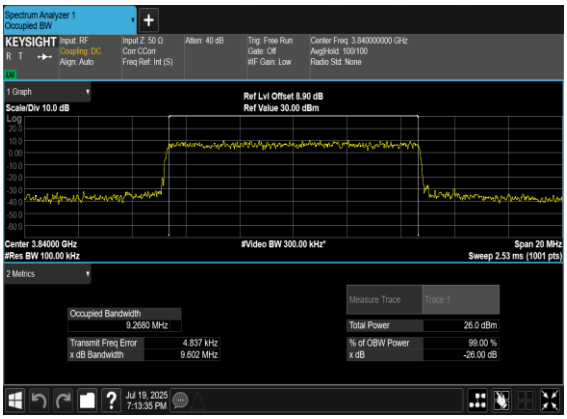
N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

Occupied Bandwidth

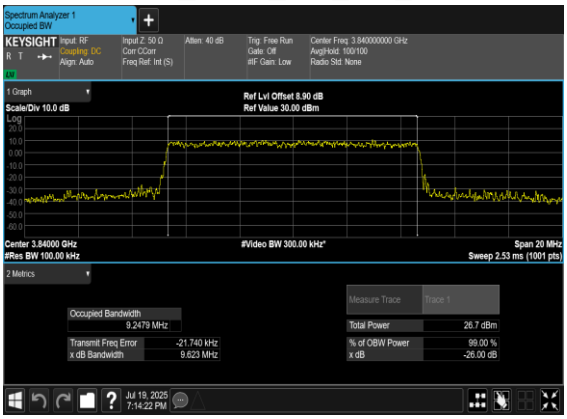
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
77	15	10	656000	3840.0	CP-OFDM QPSK	52@0	9.268	9.602
77	15	10	656000	3840.0	CP-OFDM 16 QAM	52@0	9.2479	9.623
77	15	10	656000	3840.0	CP-OFDM 64 QAM	52@0	9.2523	9.674
77	15	10	656000	3840.0	CP-OFDM 256 QAM	52@0	9.2889	9.645
77	15	15	656000	3840.0	CP-OFDM QPSK	79@0	14.071	14.66
77	15	15	656000	3840.0	CP-OFDM 16 QAM	79@0	14.088	14.63
77	15	15	656000	3840.0	CP-OFDM 64 QAM	79@0	14.129	14.64
77	15	15	656000	3840.0	CP-OFDM 256 QAM	79@0	14.1	14.72
77	15	20	656000	3840.0	CP-OFDM QPSK	106@0	18.954	19.64
77	15	20	656000	3840.0	CP-OFDM 16 QAM	106@0	18.933	19.64
77	15	20	656000	3840.0	CP-OFDM 64 QAM	106@0	18.896	19.6
77	15	20	656000	3840.0	CP-OFDM 256 QAM	106@0	18.883	19.59
77	15	25	656000	3840.0	CP-OFDM QPSK	133@0	23.712	24.58
77	15	25	656000	3840.0	CP-OFDM 16 QAM	133@0	23.729	24.67
77	15	25	656000	3840.0	CP-OFDM 64 QAM	133@0	23.789	24.55
77	15	25	656000	3840.0	CP-OFDM 256 QAM	133@0	23.799	24.58
77	15	30	656000	3840.0	CP-OFDM QPSK	160@0	28.568	29.54
77	15	30	656000	3840.0	CP-OFDM 16 QAM	160@0	28.446	29.58
77	15	30	656000	3840.0	CP-OFDM 64 QAM	160@0	28.487	29.46
77	15	30	656000	3840.0	CP-OFDM 256 QAM	160@0	28.529	29.47
77	15	40	656000	3840.0	CP-OFDM QPSK	216@0	38.573	39.8
77	15	40	656000	3840.0	CP-OFDM 16 QAM	216@0	38.593	39.88

77	15	40	656000	3840.0	CP-OFDM 64 QAM	216@0	38.604	39.79
77	15	40	656000	3840.0	CP-OFDM 256 QAM	216@0	38.637	39.88
77	15	50	656000	3840.0	CP-OFDM QPSK	270@0	48.116	49.68
77	15	50	656000	3840.0	CP-OFDM 16 QAM	270@0	48.099	49.71
77	15	50	656000	3840.0	CP-OFDM 64 QAM	270@0	48.097	49.69
77	15	50	656000	3840.0	CP-OFDM 256 QAM	270@0	48.217	49.67

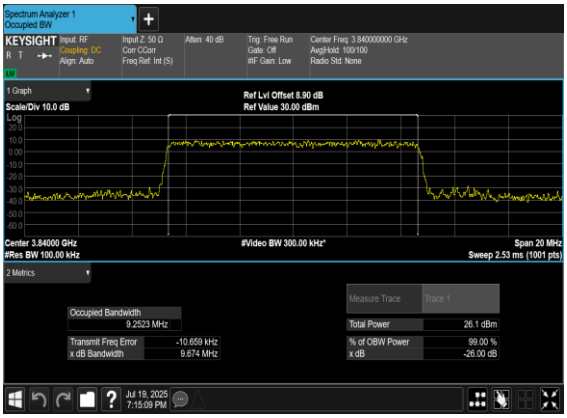
N77(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



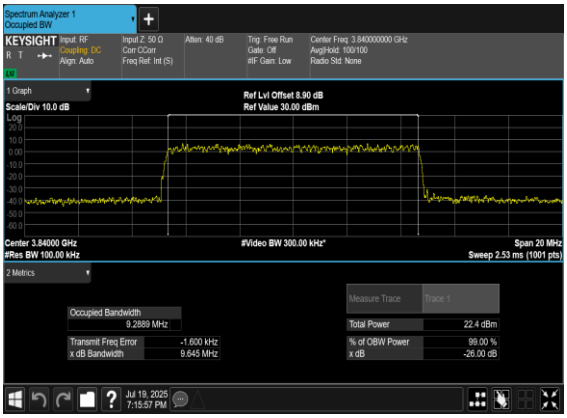
N77(10M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



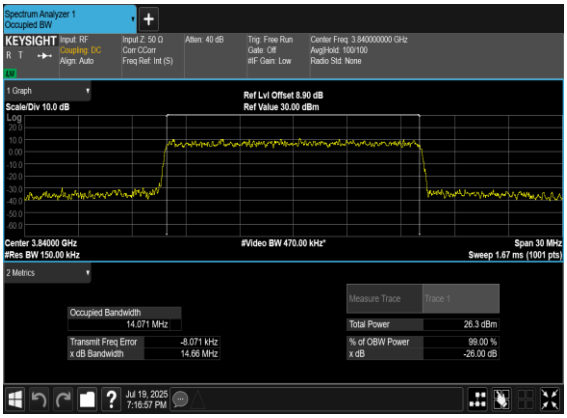
N77(10M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



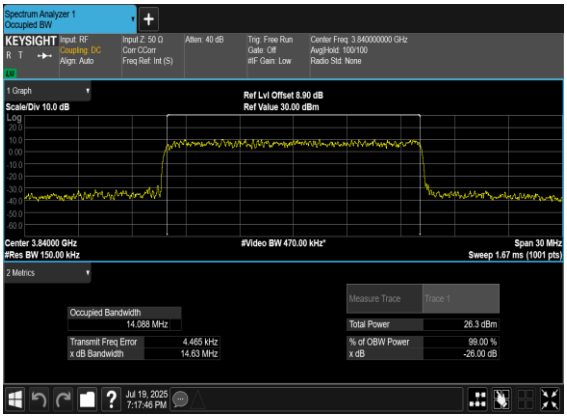
N77(10M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



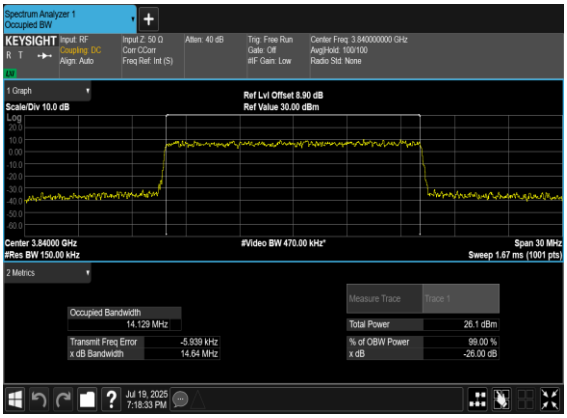
N77(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



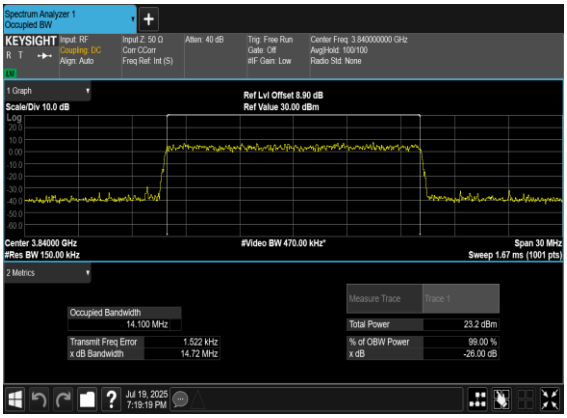
N77(15M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



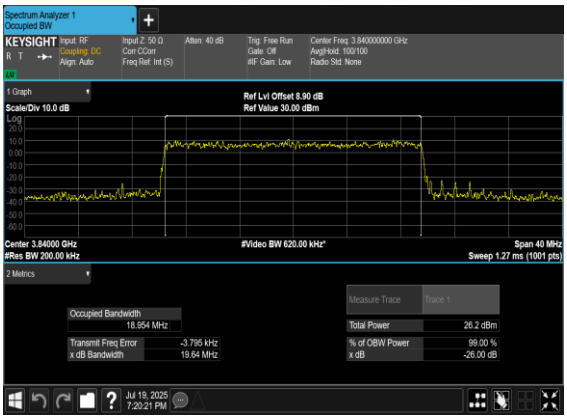
N77(15M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N77(15M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

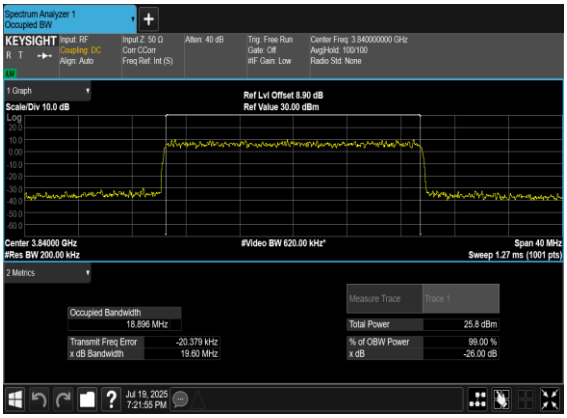


N77(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

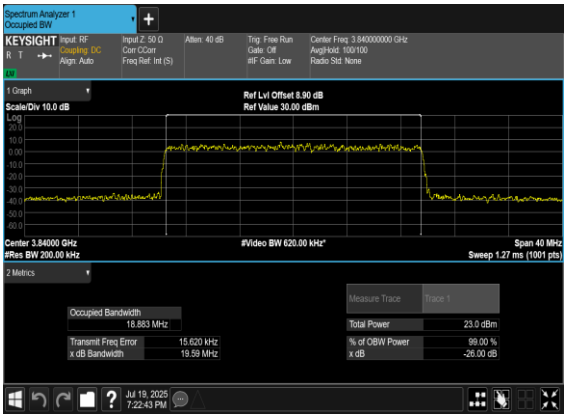


N77(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

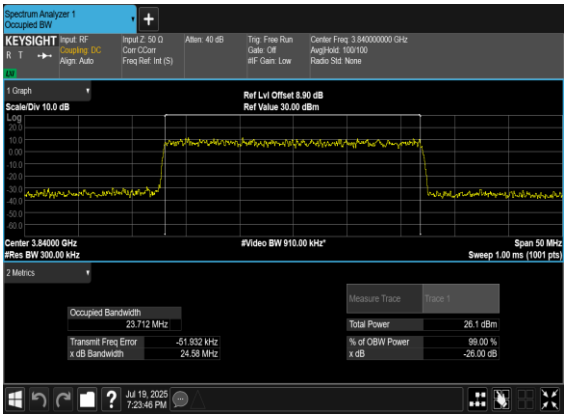
N77(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



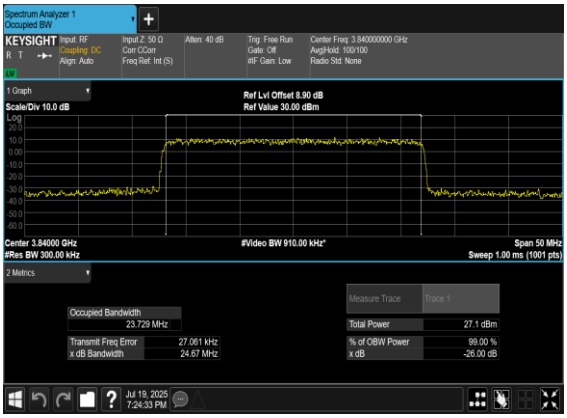
N77(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



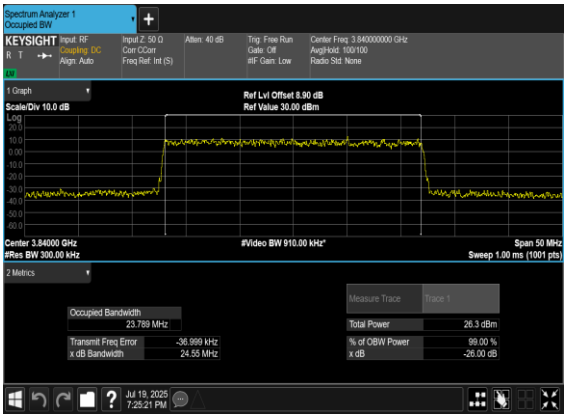
N77(25M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



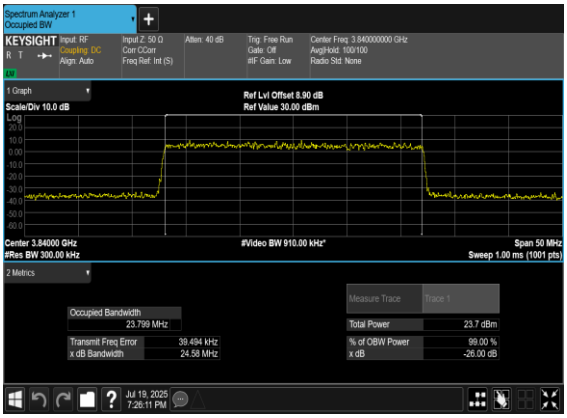
N77(25M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



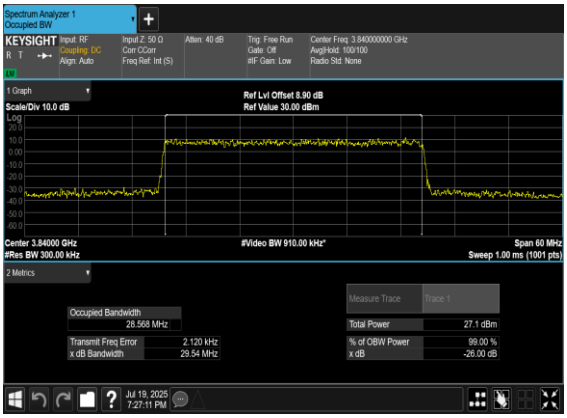
N77(25M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



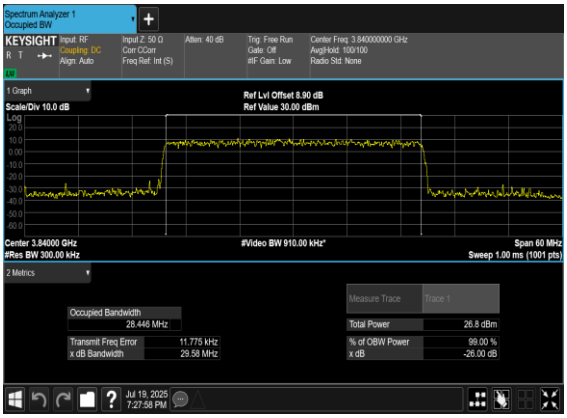
N77(25M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



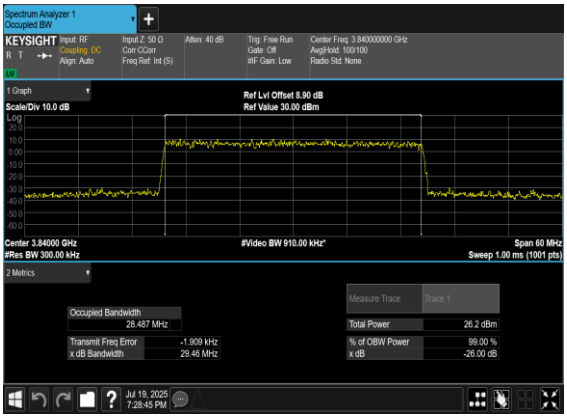
N77(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



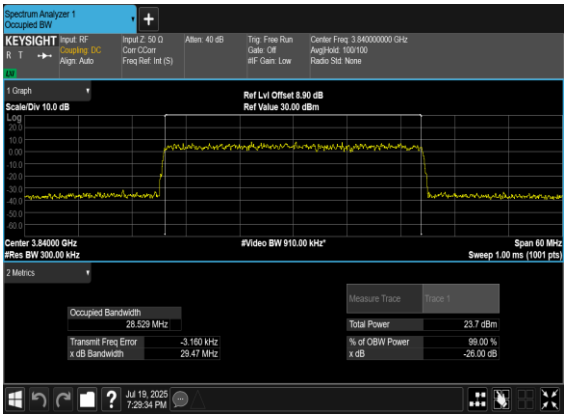
N77(30M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



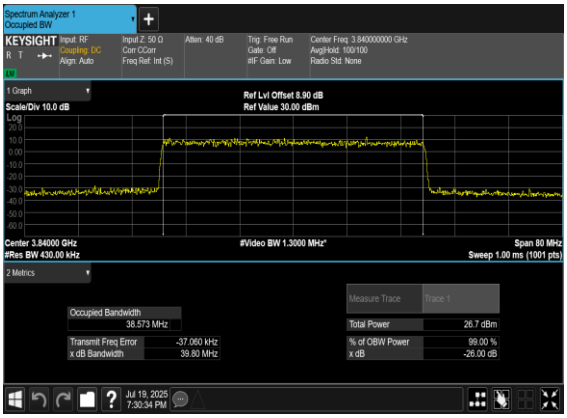
N77(30M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



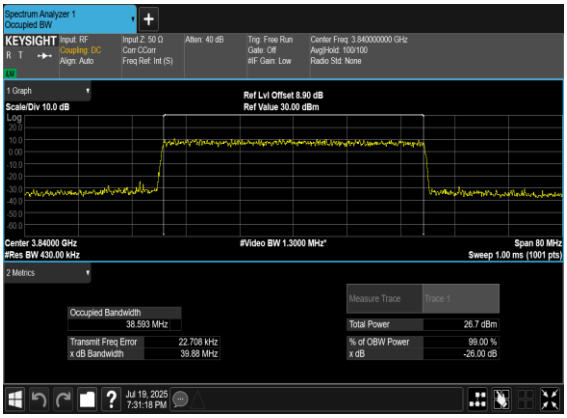
N77(30M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



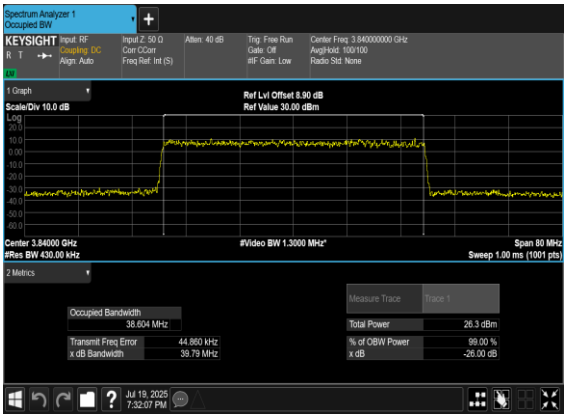
N77(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



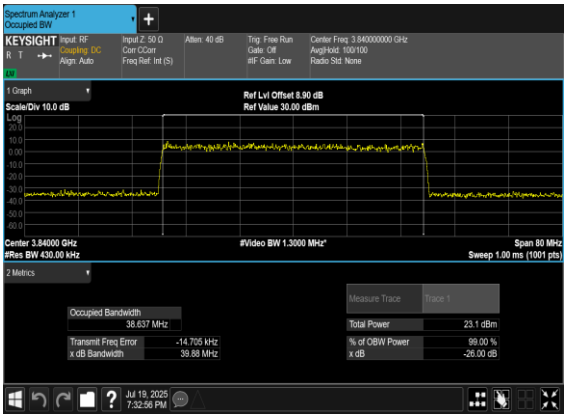
N77(40M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



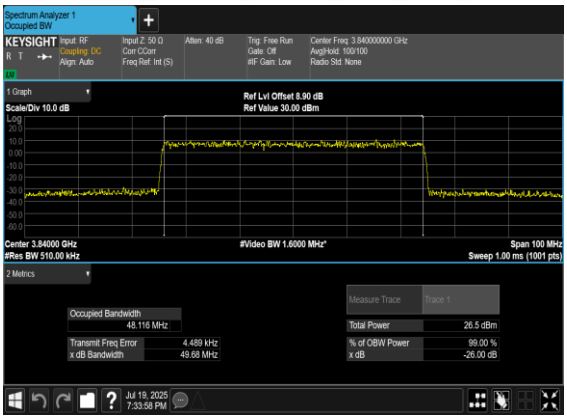
N77(40M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N77(40M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

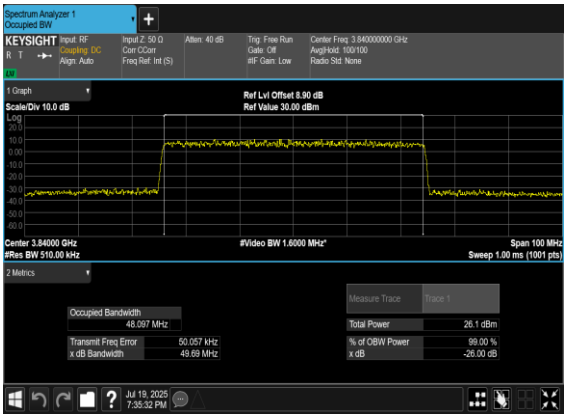


N77(50M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

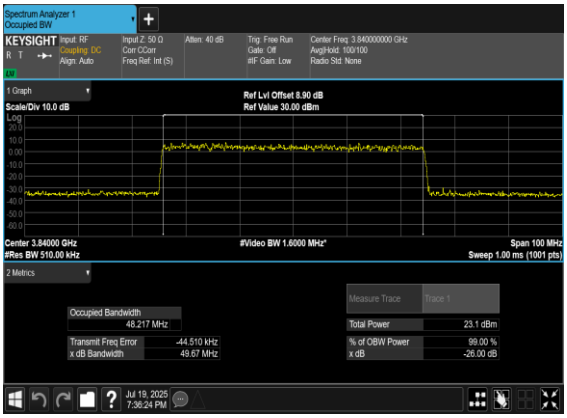


N77(50M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

N77(50M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N77(50M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



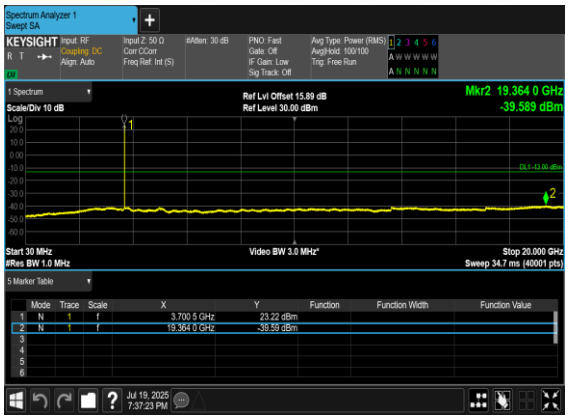
Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	15	10	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
77	15	10	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	15	10	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	15	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
77	15	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
77	15	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
77	15	10	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
77	15	10	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	15	10	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	15	10	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
77	15	10	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
77	15	10	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
77	15	10	665000	3975.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
77	15	10	665000	3975.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	15	10	665000	3975.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	15	10	665000	3975.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
77	15	10	665000	3975.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
77	15	10	665000	3975.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
77	15	25	647500	3712.5	DFT-s-OFDM BPSK	1@0	see graph	**---**
77	15	25	647500	3712.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**

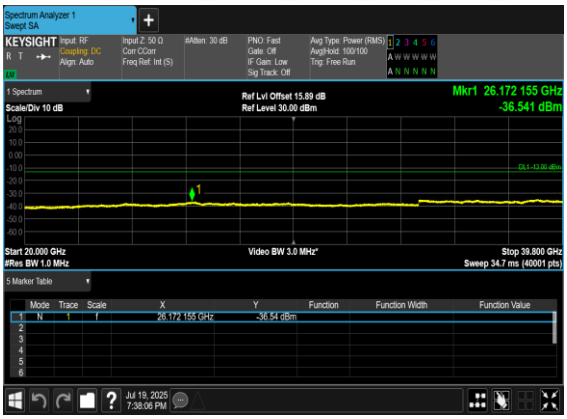
77	15	25	647500	3712.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	15	25	647500	3712.5	DFT-s-OFDM QPSK	1@0	see graph	**---**
77	15	25	647500	3712.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
77	15	25	647500	3712.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
77	15	25	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
77	15	25	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	15	25	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	15	25	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
77	15	25	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
77	15	25	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
77	15	25	664500	3967.5	DFT-s-OFDM BPSK	1@0	see graph	**---**
77	15	25	664500	3967.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	15	25	664500	3967.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	15	25	664500	3967.5	DFT-s-OFDM QPSK	1@0	see graph	**---**
77	15	25	664500	3967.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
77	15	25	664500	3967.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
77	15	50	648334	3725.01	DFT-s-OFDM BPSK	1@0	see graph	**---**
77	15	50	648334	3725.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	15	50	648334	3725.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	15	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	**---**
77	15	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
77	15	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**

77	15	50	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
77	15	50	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	15	50	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	15	50	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
77	15	50	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
77	15	50	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
77	15	50	663666	3954.99	DFT-s-OFDM BPSK	1@0	see graph	**---**
77	15	50	663666	3954.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	15	50	663666	3954.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	15	50	663666	3954.99	DFT-s-OFDM QPSK	1@0	see graph	**---**
77	15	50	663666	3954.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
77	15	50	663666	3954.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**

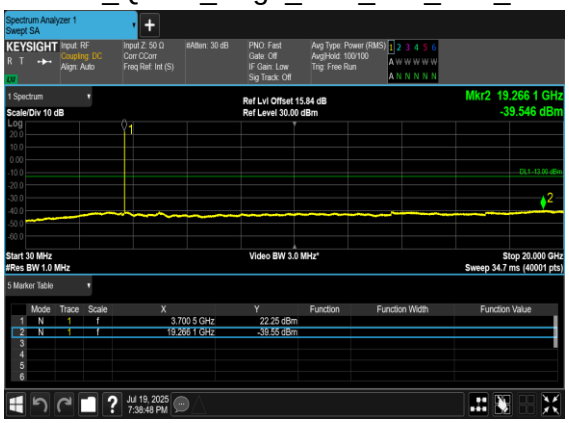
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



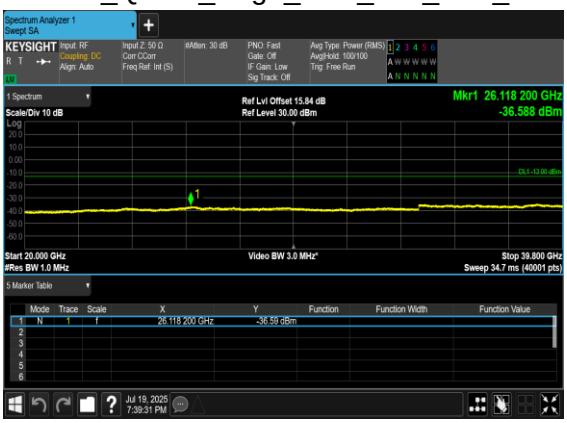
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



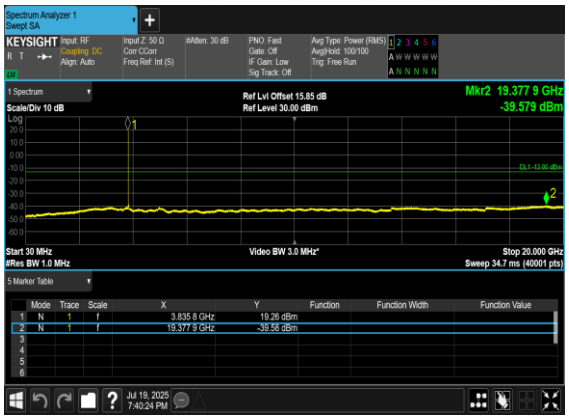
N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



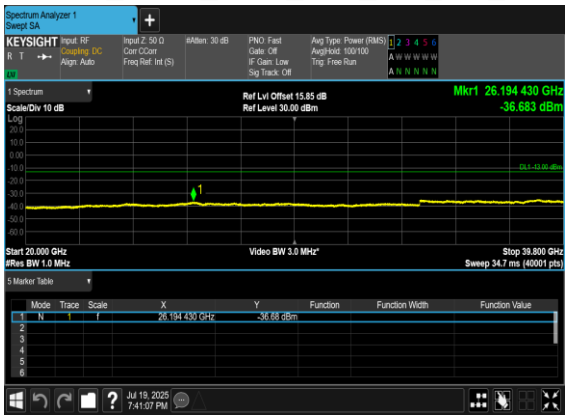
N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



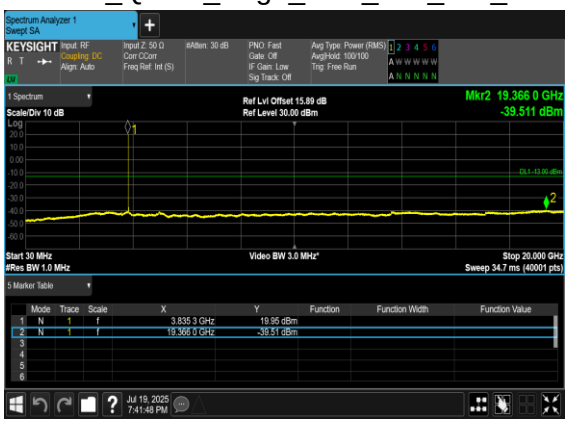
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



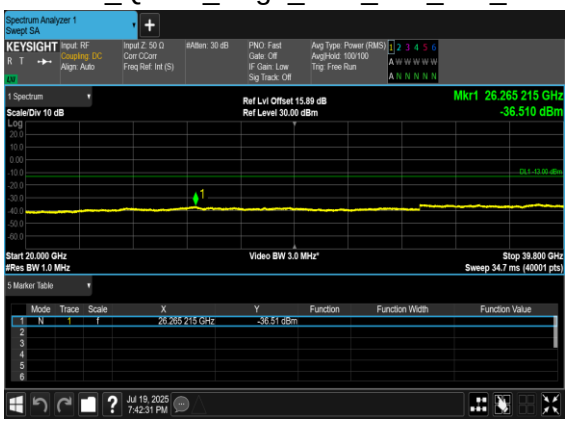
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



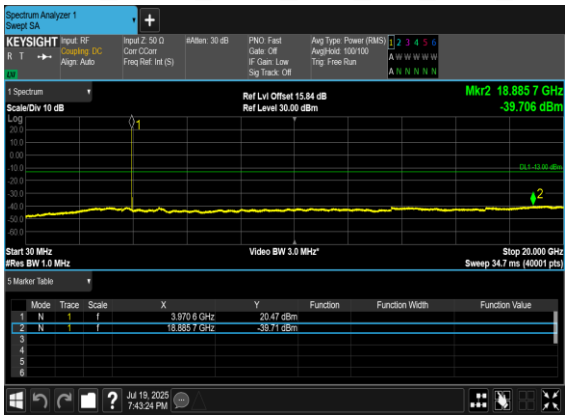
N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



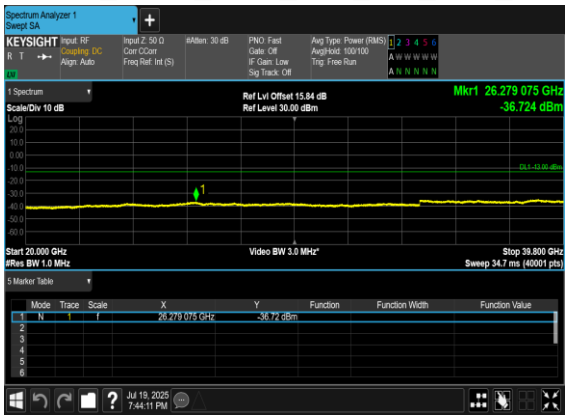
N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



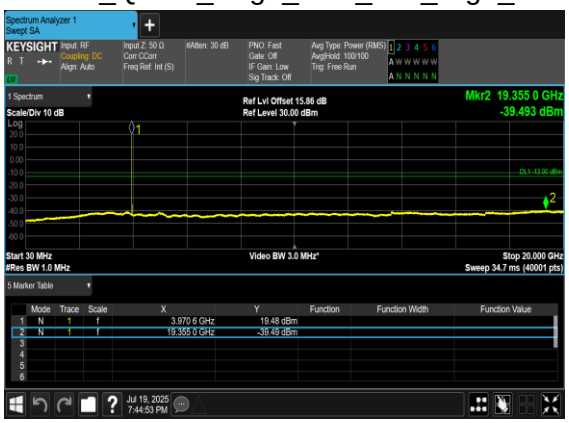
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



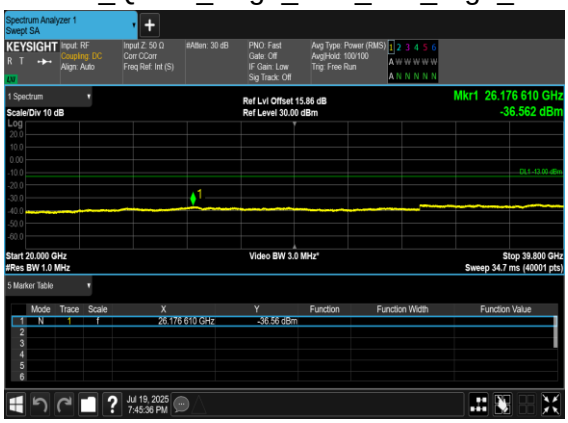
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



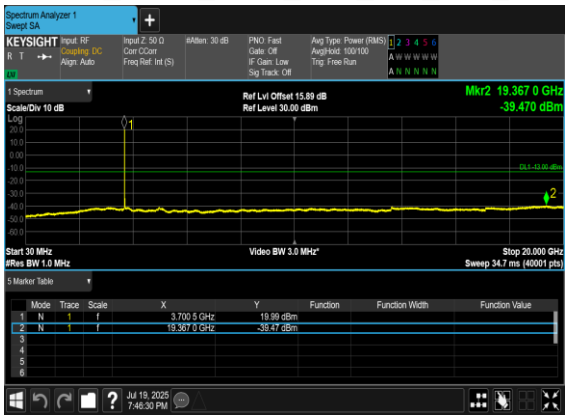
N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



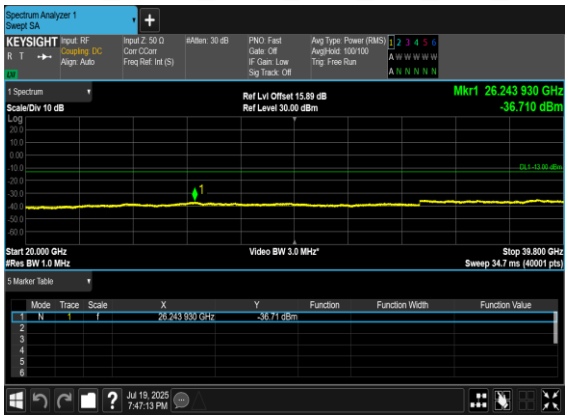
N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



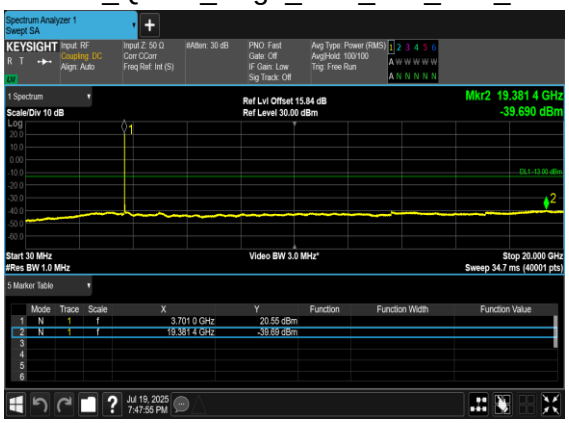
N77(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



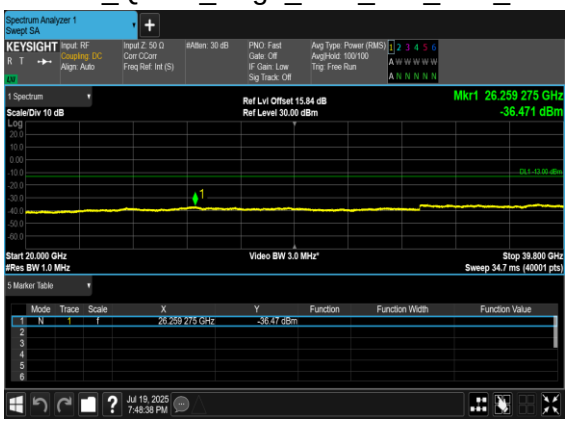
N77(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



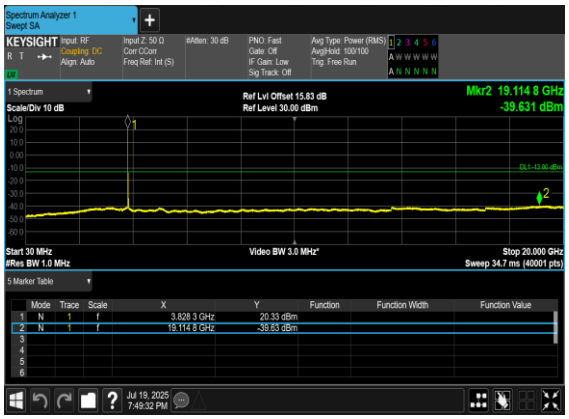
N77(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



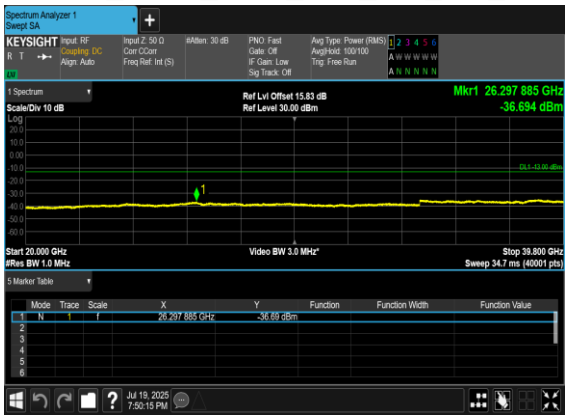
N77(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



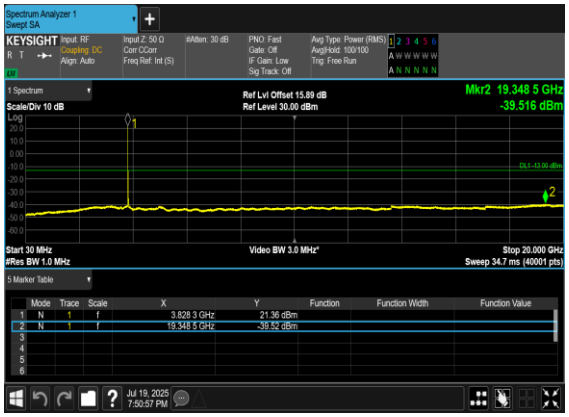
N77(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



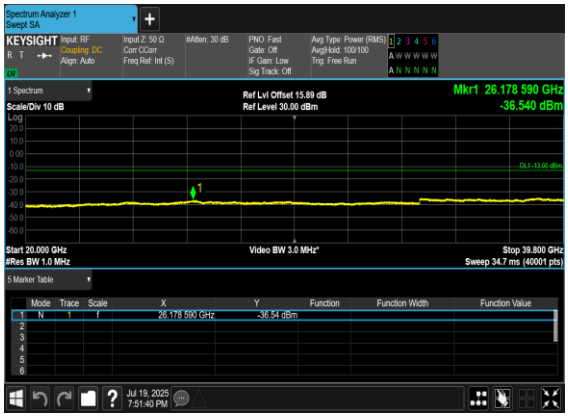
N77(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



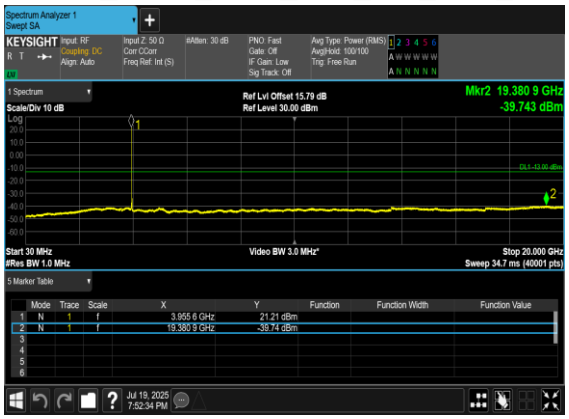
N77(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



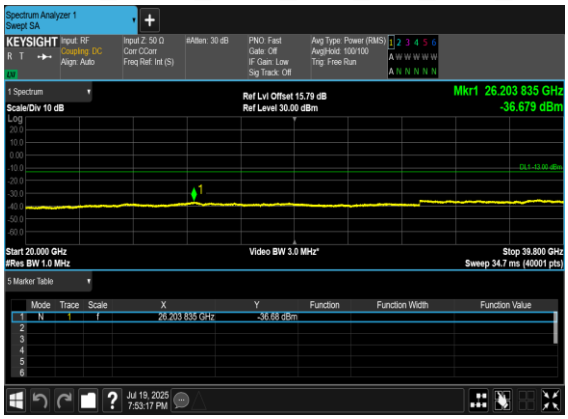
N77(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



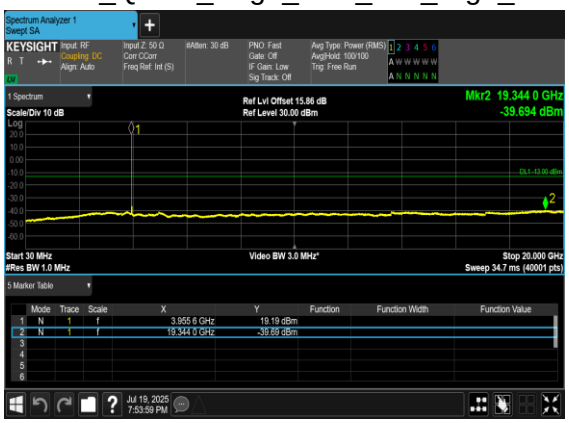
N77(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



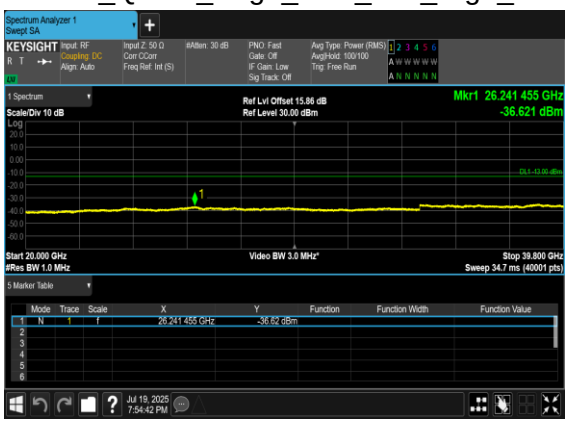
N77(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



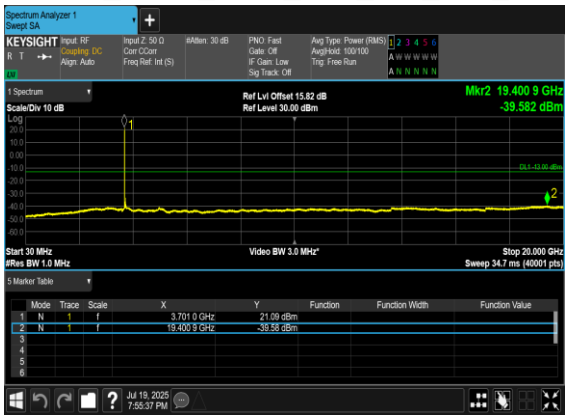
N77(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



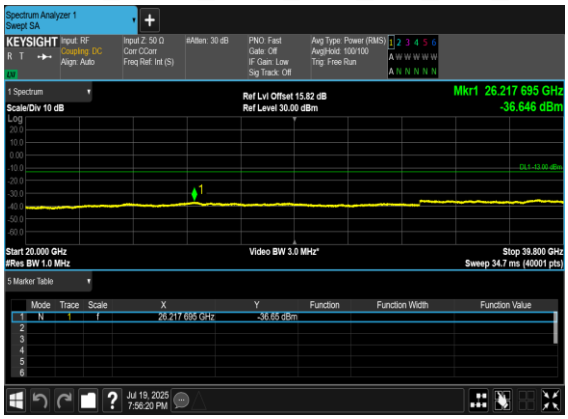
N77(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



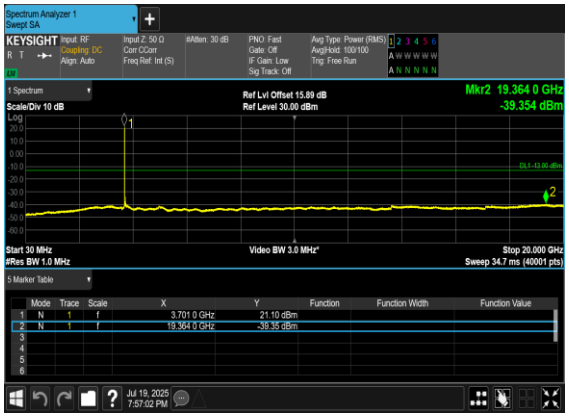
N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



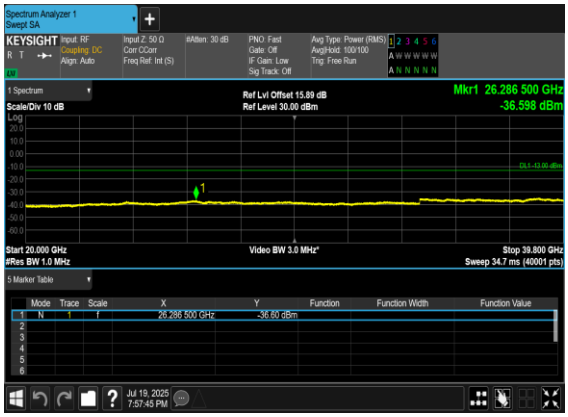
N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



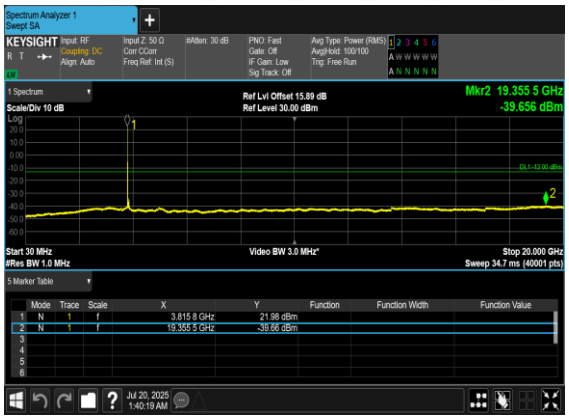
N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



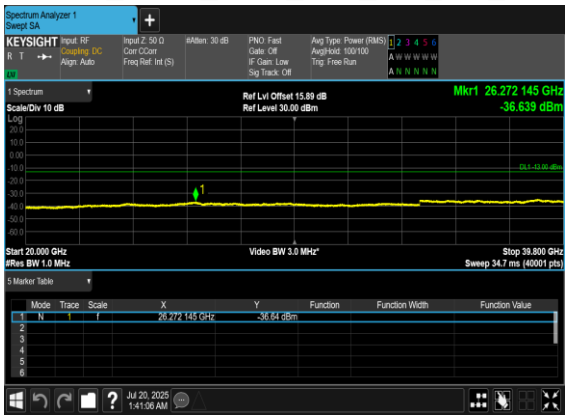
N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



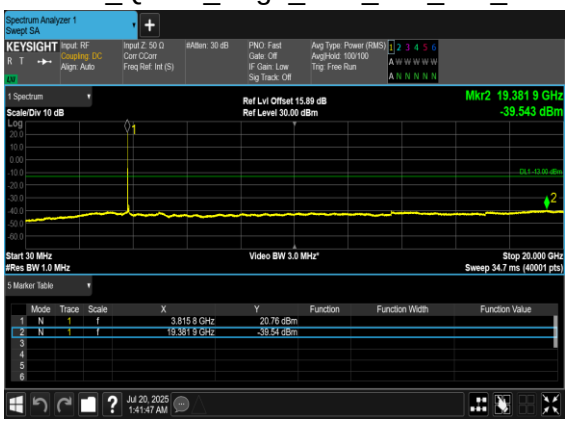
N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



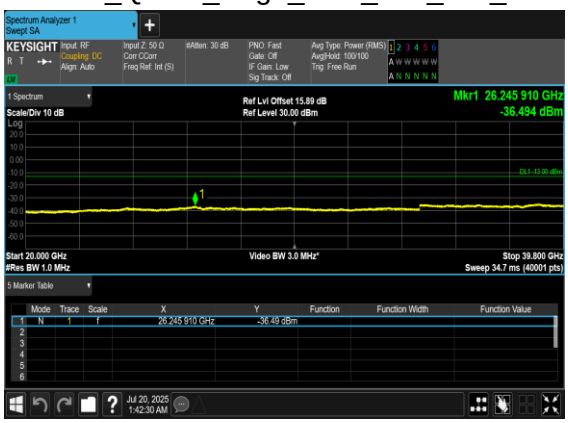
N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



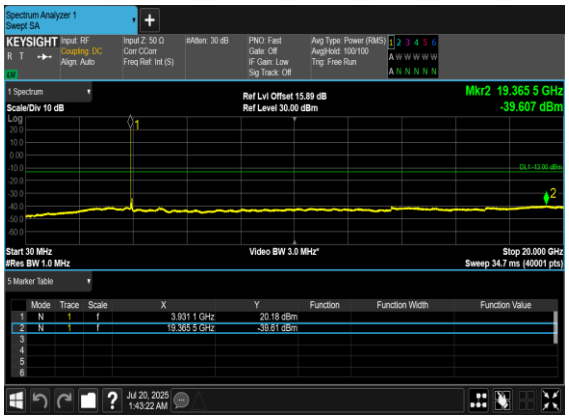
N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



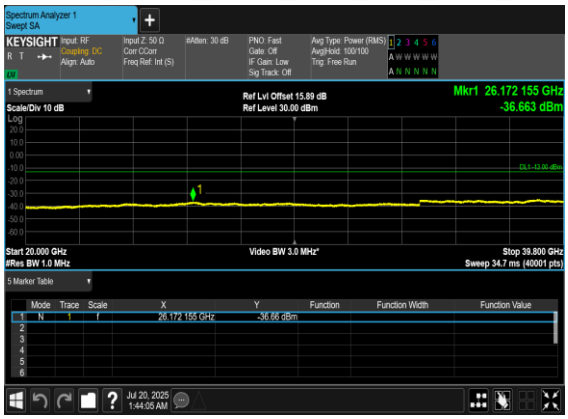
N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



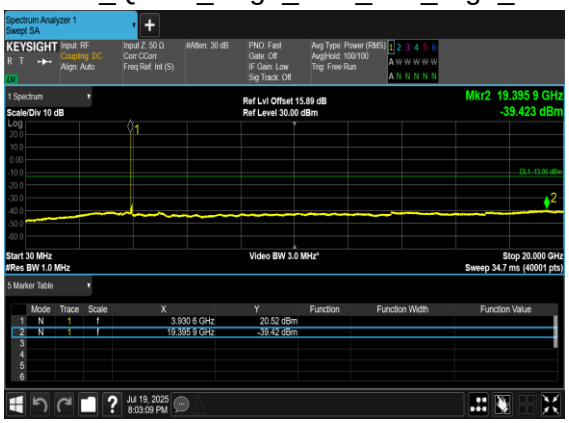
N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



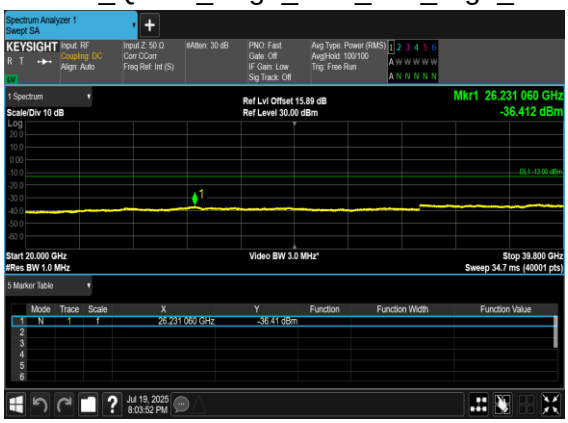
N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



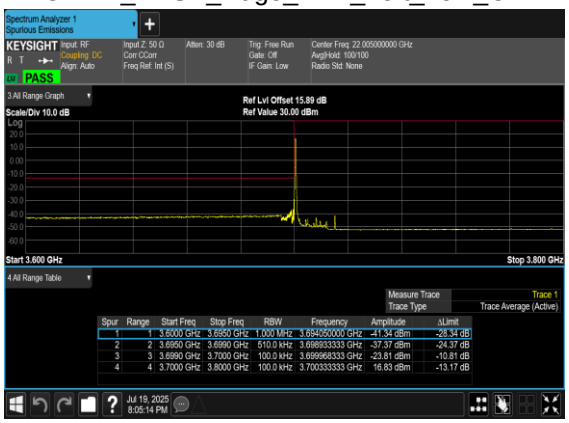
N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



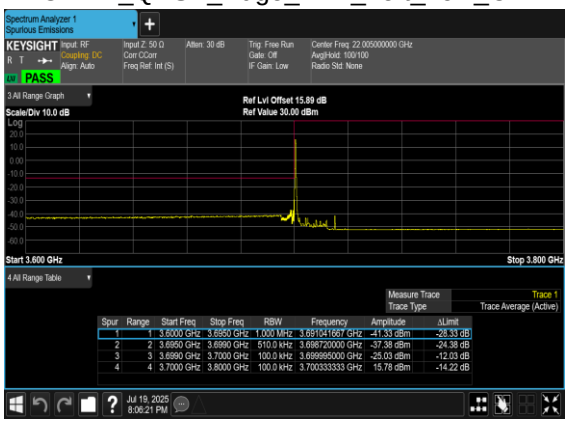
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	15	10	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	15	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
77	15	10	647000	3705.0	DFT-s-OFDM BPSK	50@0	see graph	**PASS**
77	15	10	647000	3705.0	DFT-s-OFDM QPSK	50@0	see graph	**PASS**
77	15	10	665000	3975.0	DFT-s-OFDM BPSK	1@51	see graph	**PASS**
77	15	10	665000	3975.0	DFT-s-OFDM QPSK	1@51	see graph	**PASS**
77	15	10	665000	3975.0	DFT-s-OFDM BPSK	50@0	see graph	**PASS**
77	15	10	665000	3975.0	DFT-s-OFDM QPSK	50@0	see graph	**PASS**
77	15	25	647500	3712.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	15	25	647500	3712.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
77	15	25	647500	3712.5	DFT-s-OFDM BPSK	128@0	see graph	**PASS**
77	15	25	647500	3712.5	DFT-s-OFDM QPSK	128@0	see graph	**PASS**
77	15	25	664500	3967.5	DFT-s-OFDM BPSK	1@132	see graph	**PASS**
77	15	25	664500	3967.5	DFT-s-OFDM QPSK	1@132	see graph	**PASS**
77	15	25	664500	3967.5	DFT-s-OFDM BPSK	128@0	see graph	**PASS**
77	15	25	664500	3967.5	DFT-s-OFDM QPSK	128@0	see graph	**PASS**
77	15	50	648334	3725.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	15	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
77	15	50	648334	3725.01	DFT-s-OFDM BPSK	270@0	see graph	**PASS**
77	15	50	648334	3725.01	DFT-s-OFDM QPSK	270@0	see graph	**PASS**
77	15	50	663666	3954.99	DFT-s-OFDM BPSK	1@269	see graph	**PASS**
77	15	50	663666	3954.99	DFT-s-OFDM QPSK	1@269	see graph	**PASS**
77	15	50	663666	3954.99	DFT-s-OFDM BPSK	270@0	see graph	**PASS**
77	15	50	663666	3954.99	DFT-s-OFDM QPSK	270@0	see graph	**PASS**

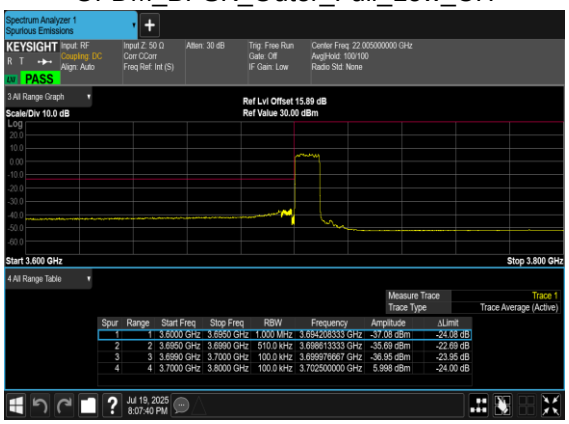
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



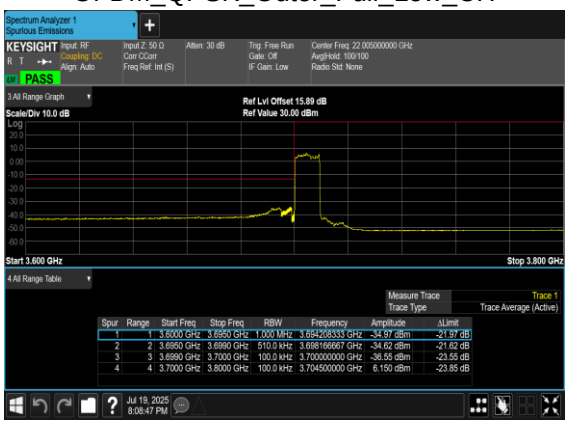
N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



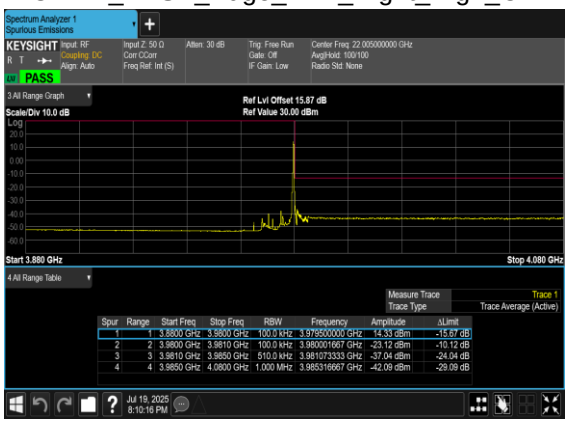
N77(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



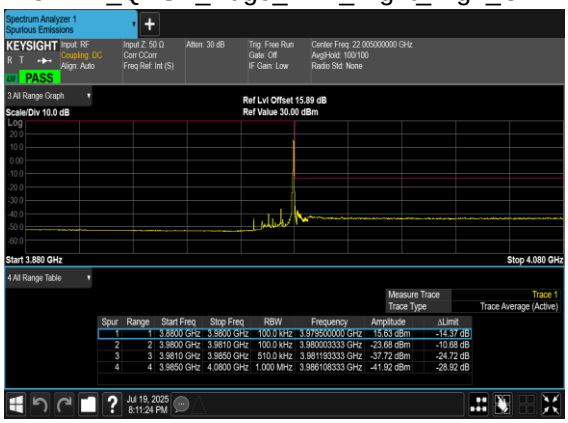
N77(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



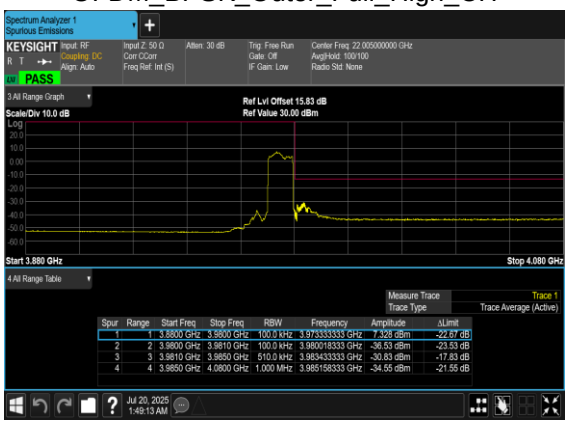
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



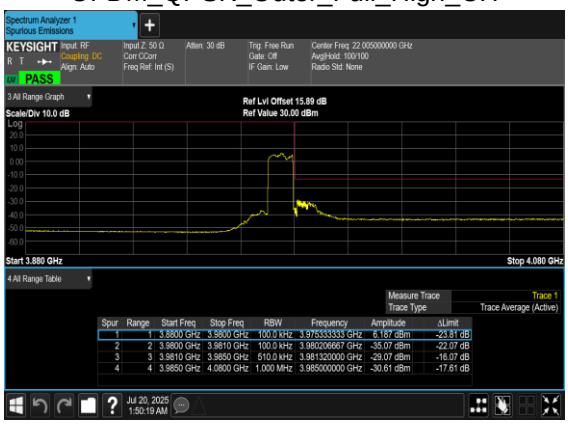
N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



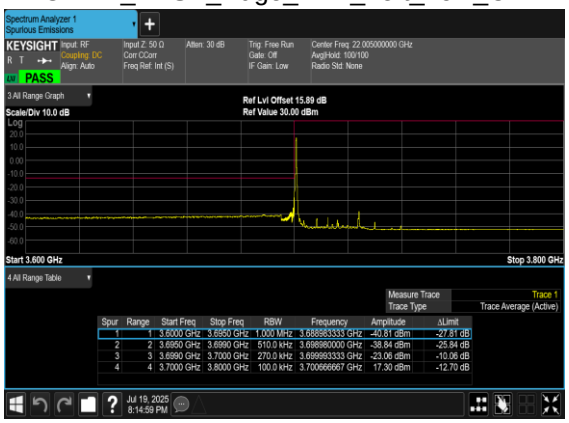
N77(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



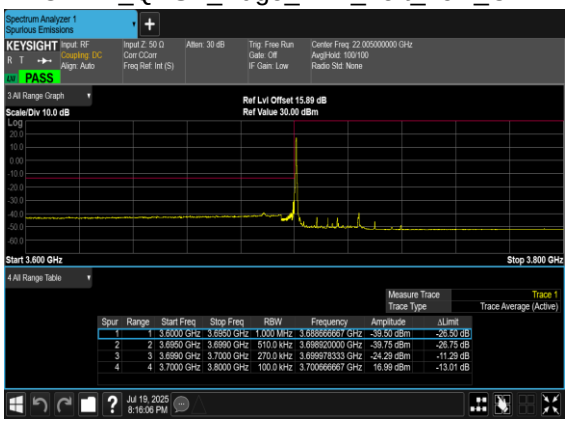
N77(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



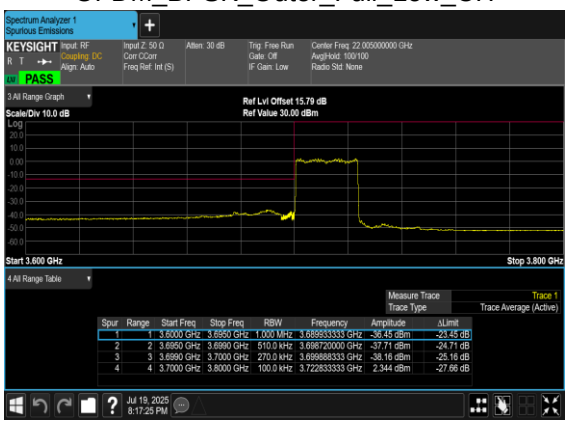
N77(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N77(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(25M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



N77(25M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH