



FCC RF Test Report

APPLICANT : Xiaomi Communications Co., Ltd.
EQUIPMENT : Mobile Phone
BRAND NAME : POCO
MODEL NAME : 2412DPC0AG
FCC ID : 2AFZZPC0AG
STANDARD : 47 CFR Part 27 Subpart O (3700-3980MHz)
CLASSIFICATION : PCS Licensed Transmitter Held to Ear (PCE)
TEST DATE(S) : Oct. 12, 2024 ~ Oct 23, 2024

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.

Jason Jia

Approved by: Jason Jia



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
FG4O0803M	Rev. 01	Initial issue of report	Nov. 14, 2024



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+10log ₁₀ (P[Watts])	PASS	-
3.8	§2.1051 §27.53(l)(2)	Conducted Spurious Emission (5G NR n77, n78)	< 43+10log ₁₀ (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+10log ₁₀ (P[Watts])	PASS	Under limit 18.67 dB at 7591.500 MHz

Conformity Assessment Condition:

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

Disclaimer:

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



1 General Description

1.1 Applicant

Xiaomi Communications Co., Ltd.

#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085

1.2 Manufacturer

Xiaomi Communications Co., Ltd.

#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	Mobile Phone
Brand Name	POCO
Model Name	2412DPC0AG
FCC ID	2AFZZPC0AG
IMEI Code	Conducted: 862842070047545 Radiation: 862842070045804/862842070045812
HW Version	135100O10
SW Version	Xiaomi HyperOS 2.0
EUT Stage	Identical Prototype

Remark: There are four models, the four models are for different markets and no other difference.

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. 6> 5G NR n77/n78: -2.7 dBi <Ant. 8>5G NR n77/n78 : -2.7 dBi <Ant. 7>5G NR n77/n78: -2.8 dBi <Ant. 9>5G NR n77/n78: -2.8 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 6.
2. The device support SA (n77/n78) and NSA (n78) mode. The whole testing has assessed SA mode by referring to the higher conducted power for conducted test items.
3. The device supports HPUE mode for 5G NR n77/n78.

4. CA_n77C only supports SCS 30kHz
5. All the supported EN-DC combinations are verified conducted power, only the EN-DC combination with highest power are shown in the report.
6. 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 n77-15KHz		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	0.1694	9M28G7D	0.1334	9M29W7D
15	3707.52 ~ 3972.48	0.1730	14M1G7D	0.1334	14M1W7D
20	3710.01 ~ 3969.99	0.1710	18M9G7D	0.1330	19M0W7D
25	3712.50 ~ 3967.50	0.1629	23M8G7D	0.1282	23M8W7D
30	3715.02 ~ 3964.98	0.1698	28M6G7D	0.1318	28M6W7D
40	3720.00 ~ 3960.00	0.1671	38M5G7D	0.1294	38M6W7D
50	3725.01 ~ 3954.99	0.1734	48M3G7D	0.1303	48M4W7D

5G NR n78-15KHz		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	0.2208	9M28G7D	0.1652	9M28W7D
15	3707.52 ~ 3792.48	0.2203	14M1G7D	0.1648	14M1W7D
20	3710.01 ~ 3789.99	0.2203	18M9G7D	0.1641	18M9W7D
25	3712.50 ~ 3787.50	0.2168	23M7G7D	0.1629	23M8W7D
30	3715.02 ~ 3784.98	0.2188	28M5G7D	0.1675	28M6W7D
40	3720.00 ~ 3780.00	0.2213	38M6G7D	0.1648	38M5W7D
50	3725.01 ~ 3774.99	0.2234	48M2G7D	0.1626	48M2W7D



5G NR n77-30KHz		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	0.1710	8M56G7D	0.1330	8M58W7D
15	3707.52 ~ 3972.48	0.1637	13M6G7D	0.1318	13M6W7D
20	3710.01 ~ 3969.99	0.1648	18M2G7D	0.1306	18M2W7D
25	3712.50 ~ 3967.50	0.1667	23M2G7D	0.1288	23M2W7D
30	3715.02 ~ 3964.98	0.1656	27M8G7D	0.1346	27M8W7D
40	3720.00 ~ 3960.00	0.1648	37M8G7D	0.1334	37M9W7D
50	3725.01 ~ 3954.99	0.1687	47M4G7D	0.1297	47M5W7D
60	3730.02 ~ 3949.98	0.1603	57M7G7D	0.1276	57M8W7D
70	3735.00 ~ 3945.00	0.1683	67M4G7D	0.1306	67M6W7D
80	3740.01 ~ 3939.99	0.1644	77M6G7D	0.1312	77M4W7D
90	3745.02 ~ 3934.98	0.1660	87M4G7D	0.1315	87M5W7D
100	3750.00 ~ 3930.00	0.1714	97M5G7D	0.1321	97M7W7D

5G NR n78-30KHz		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	0.2065	8M56G7D	0.1702	8M58W7D
15	3707.52 ~ 3792.48	0.2051	13M6G7D	0.1641	13M6W7D
20	3710.01 ~ 3789.99	0.2046	18M2G7D	0.1671	18M2W7D
25	3712.50 ~ 3787.50	0.2042	23M2G7D	0.1675	23M2W7D
30	3715.02 ~ 3784.98	0.2070	27M8G7D	0.1667	27M8W7D
40	3720.00 ~ 3780.00	0.2138	37M9G7D	0.1663	37M9W7D
50	3725.01 ~ 3774.99	0.2070	47M5G7D	0.1683	47M6W7D
60	3730.02 ~ 3769.98	0.2046	57M7G7D	0.1644	57M9W7D
70	3735.00 ~ 3765.00	0.2051	67M6G7D	0.1622	67M5W7D
80	3740.01 ~ 3759.99	0.2051	77M5G7D	0.1629	77M6W7D
90	3745.02 ~ 3754.98	0.2213	87M7G7D	0.1663	87M5W7D
100	3750.00 ~ 3750.00	0.2218	97M5G7D	0.1667	97M5W7D

Note: All modulations have been tested, and only the worst test results of PSK & QAM are shown in the report.



5G NR n77C SCS 30kHz	PI/2 BPSK / QPSK		16QAM / 64QAM / 256QAM	
BW (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
10+100	0.0818	107MG7D	0.0830	107MW7D
15+90	0.0818	102MG7D	0.0828	102MW7D
15+100	0.0726	112MG7D	0.0813	112MW7D
20+90	0.0738	107MG7D	0.0746	107MW7D
20+100	0.0813	117MG7D	0.0800	117MW7D
25+80	0.0822	102MG7D	0.0832	103MW7D
25+90	0.0805	112MG7D	0.0789	112MW7D
25+100	0.0818	122MG7D	0.0743	122MW7D
30+80	0.0841	107MG7D	0.0822	107MW7D
30+90	0.0730	117MG7D	0.0817	117MW7D
30+100	0.0747	128MG7D	0.0813	128MW7D
40+70	0.0483	107MG7D	0.0491	107MW7D
40+80	0.0826	117MG7D	0.0830	117MW7D
40+90	0.0873	127MG7D	0.0822	127MW7D
40+100	0.0823	137MG7D	0.0820	137MW7D
50+60	0.0821	107MG7D	0.0819	107MW7D
50+70	0.0489	117MG7D	0.0485	117MW7D
50+80	0.0817	126MG7D	0.0826	126MW7D
50+90	0.0823	136MG7D	0.0823	136MW7D
50+100	0.0820	146MG7D	0.0819	146MW7D
60+50	0.0820	107MG7D	0.0817	107MW7D
60+60	0.0829	117MG7D	0.0826	117MW7D
60+70	0.0474	127MG7D	0.0474	127MW7D
60+80	0.0814	137MG7D	0.0820	137MW7D
60+90	0.0853	147MG7D	0.0844	147MW7D
60+100	0.0814	157MG7D	0.0810	157MW7D
70+40	0.0482	107MG7D	0.0483	107MW7D
70+50	0.0482	117MG7D	0.0488	117MW7D
70+60	0.0480	127MG7D	0.0483	127MW7D
70+70	0.0520	137MG7D	0.0478	137MW7D
70+80	0.0474	146MG7D	0.0476	147MW7D
70+90	0.0486	157MG7D	0.0481	157MW7D
70+100	0.0492	166MG7D	0.0490	166MW7D
80+25	0.0491	103MG7D	0.0493	103MW7D
80+30	0.0839	107MG7D	0.0843	107MW7D
80+40	0.0822	117MG7D	0.0825	117MW7D
80+50	0.0819	127MG7D	0.0828	127MW7D
80+60	0.0836	137MG7D	0.0822	137MW7D
80+70	0.0473	147MG7D	0.0524	147MW7D
80+80	0.0815	157MG7D	0.0812	157MW7D
80+90	0.0832	167MG7D	0.0830	167MW7D
80+100	0.0826	176MG7D	0.0815	176MW7D



90+15	0.0830	103MG7D	0.0817	103MW7D
90+20	0.0845	108MG7D	0.0836	108MW7D
90+25	0.0836	112MG7D	0.0828	113MW7D
90+30	0.0832	117MG7D	0.0828	117MW7D
90+40	0.0869	127MG7D	0.0842	127MW7D
90+50	0.0894	137MG7D	0.0865	137MW7D
90+60	0.0874	147MG7D	0.0824	147MW7D
90+70	0.0485	157MG7D	0.0482	157MW7D
90+80	0.0825	167MG7D	0.0821	167MW7D
90+90	0.0826	177MG7D	0.0815	177MW7D
90+100	0.0830	187MG7D	0.0826	187MW7D
100+10	0.0839	108MG7D	0.0834	108MW7D
100+15	0.0820	113MG7D	0.0830	113MW7D
100+20	0.0832	118MG7D	0.0828	118MW7D
100+25	0.0820	123MG7D	0.0824	123MW7D
100+30	0.0822	128MG7D	0.0830	128MW7D
100+40	0.0822	137MG7D	0.0817	137MW7D
100+50	0.0815	147MG7D	0.0813	147MW7D
100+60	0.0824	157MG7D	0.0815	157MW7D
100+70	0.0484	167MG7D	0.0483	167MW7D
100+80	0.0830	177MG7D	0.0828	177MW7D
100+90	0.0832	187MG7D	0.0815	187MW7D
100+100	0.0896	197MG7D	0.0822	197MW7D

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	1/F, 2/F, Bldg 5, Shiling Industrial Zone, Xinwei Village, Xili, Nanshan, Shenzhen, 518055 People's Republic of China TEL: +86-755-86379589 FAX: +86-755-86379595		
Test Site No.	Sporton Site No.	FCC Designation No.	FCC Test Firm Registration No.
	TH01-SZ	CN1256	421272

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.
	03CH02-SZ	CN1256	421272

1.8 Test Software

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

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 (X 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.

Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			

Test Items	5G NR	Bandwidth (MHz)										Modulation					RB #			Test Channel			
		10	15	20	25	30	40	50	60	70~90	100	PI/2 BPSK	QPSK	16QAM	64QAM	256 QAM	1	Partial	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	
	n78	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		
	n78			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		
	n78	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	
	n78	v						v			v	v	v				v		v	v		v	
Conducted Spurious Emission	n77	v						v			v	v	v				v			v	v	v	
	n78	v						v			v	v	v				v			v	v	v	
Frequency Stability	n77			v									v						v		v		
	n78			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	
	n78	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 = 3.91V ; Low Voltage =3.60V; High Voltage =4.30V.																						

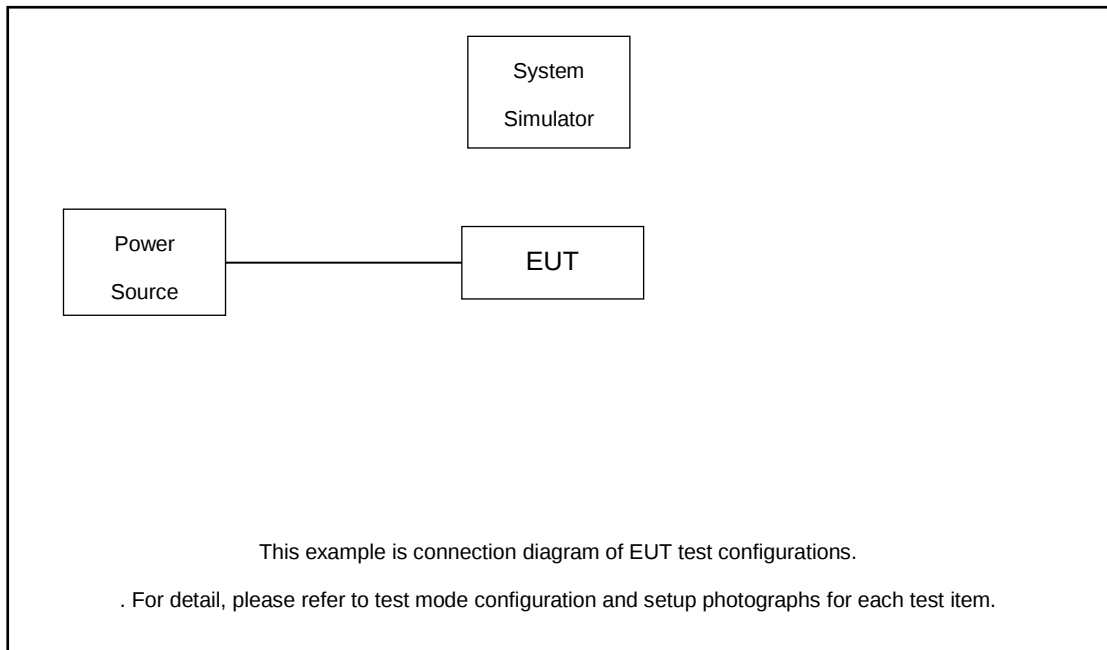


Test Cases	Band	Bandwidth (MHz)	Modulation	RB #	Test Channel
		eg. 100+100M, 100+90M, 90+100M, 100+80M, 80+100M, 90+90M, 100+70M, 70+100M, 90+80M, 80+90M, 100+60M, 60+100M, 90+70M, 70+90M, 80+80M, 100+50M, 50+100M, 90+60M, 60+90M, 80+70M, 70+80M, 100+40M, 40+100M, 90+50M, 50+90M, 80+60M, 60+80M, 70+70M, 90+40M, 40+90M, 80+50M, 50+80M, 70+60M, 60+70M, 100+20M, 20+100M, 80+40M, 40+80M, 70+50M, 50+70M, 60+60M, 100+15M, 15+100M, 100+10M, 10+100M, 90+20M, 20+90M, 70+40M, 40+70M, 60+50M, 50+60M, 90+15M, 15+90M, 100M+30M, 30M+100M, 100M+25M, 25M+100M, 90M+30M, 30M+90M, 90M+25M, 25M+90M, 80M+30M, 30M+80M, 80M+25M, 25M+80M	eg. PI/2 BPSK, QPSK, 16QAM, 64QAM, 256QAM	1RB, Partial RB, Full RB	L/M/H
Max. Output Power	n77C	All supported Bandwidth	All Modulation	1RB, Full RB	L, M, H
E.I.R.P	n77C	All supported Bandwidth	All Modulation	1RB, Full RB	L, M, H
26dB and 99% Bandwidth	n77C	All supported Bandwidth	QPSK, 16QAM, 64QAM, 256QAM	Full RB	M
Conducted Band Edge	n77C	15+90M, 100+40M, 100+100M	PI/2 BPSK, QPSK	1RB, Full RB	L, H
Conducted Spurious Emission	n77C	15+90M, 100+40M, 100+100M	PI/2 BPSK, QPSK	1RB, Full RB	L, M, H
Radiated Spurious Emission	n77C	Worst case from maximum power			M

Note:

- 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.
- All test items are based on engineering evaluation.

2.2 Connection Diagram of Test System



2.3 Support Unit used in test configuration and system

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 and attenuator factor between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

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

Offset = RF cable loss.

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

Example :

$$\begin{aligned}
 \text{Offset(dB)} &= \text{RF cable loss(dB)}. \\
 &= 8.9 \text{ (dB)}
 \end{aligned}$$



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	647667	656000	664332
	Frequency	3715.005	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	647167	656000	664833
	Frequency	3707.505	3840	3972.495
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(15kHz) 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	647667	650000	652333
	Frequency	3715.005	3750	3784.995
25	Channel	647500	650000	652500
	Frequency	3712.5	3750	3787.5
20	Channel	647334	650000	652666
	Frequency	3710.01	3750	3789.99
15	Channel	647167	650000	652833
	Frequency	3707.505	3750	3792.495
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

CA_n77C Channel and Frequency List refer to 3GPP TS 38.508-1.

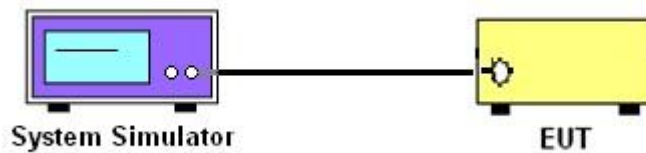
3 Conducted Test Items

3.1 Measuring Instruments

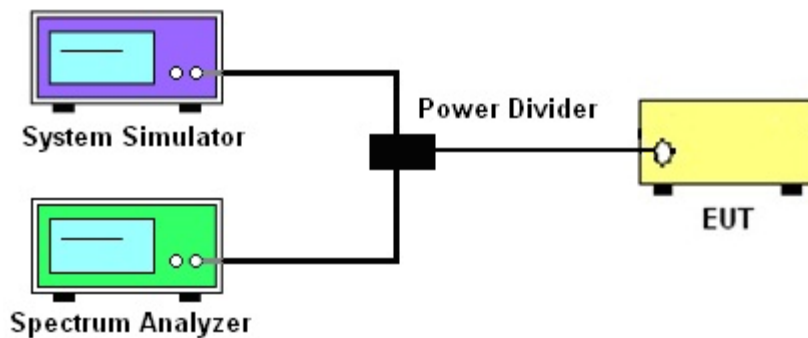
See list of measuring instruments of this test report.

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 $\geq$ 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.
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 $43 + 10\log(P)$ dB below the transmitter power P(Watts)

$$= P(W) - [43 + 10\log(P)] \text{ (dB)}$$

$$= [30 + 10\log(P)] \text{ (dBm)} - [43 + 10\log(P)] \text{ (dB)} = -13\text{dBm.}$$

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 10th 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 $43 + 10\log(P)$ dB below the transmitter power P(Watts)
 $= P(W) - [43 + 10\log(P)]$ (dB)
 $= [30 + 10\log(P)]$ (dBm) - $[43 + 10\log(P)]$ (dB)
 $= -13$ dBm.

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.

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.

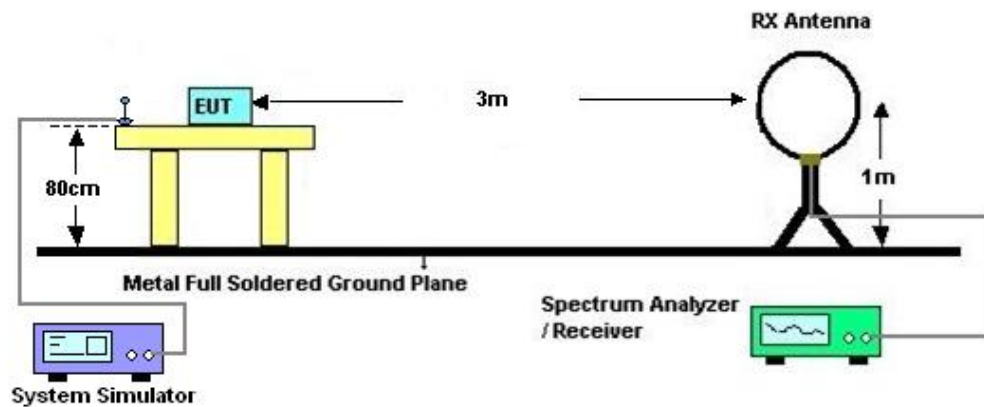
4 Radiated Test Items

4.1 Measuring Instruments

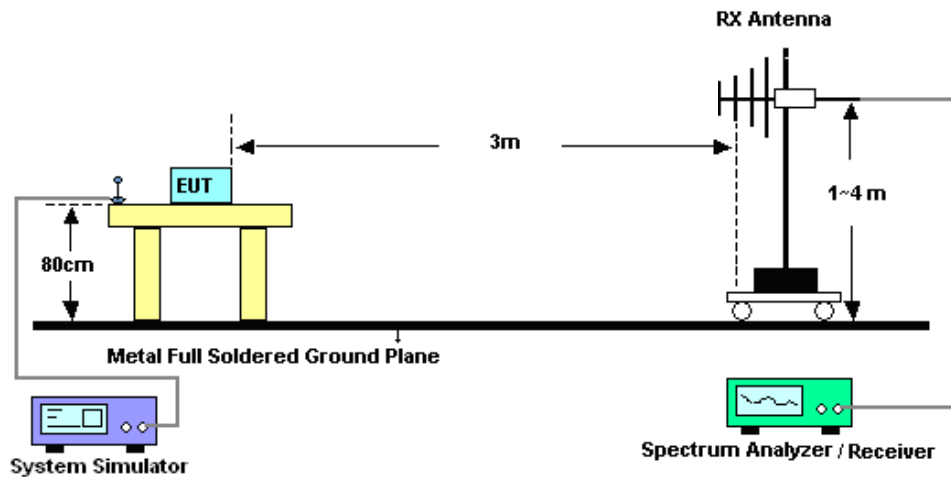
See list of measuring instruments of this test report.

4.2 Test Setup

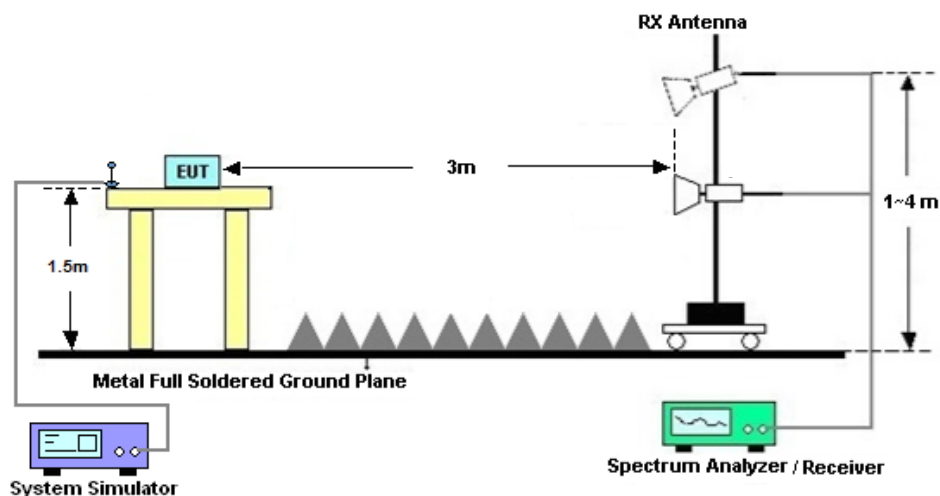
4.2.1 For radiated test below 30MHz



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. $EIRP \text{ (dBm)} = S.G. \text{ Power} - Tx \text{ Cable Loss} + Tx \text{ Antenna Gain}$
11. $ERP \text{ (dBm)} = EIRP - 2.15$
12. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

The limit line is derived from $43 + 10\log(P)$ dB below the transmitter power P(Watts)
 $= P(W) - [43 + 10\log(P)] \text{ (dB)}$
 $= [30 + 10\log(P)] \text{ (dBm)} - [43 + 10\log(P)] \text{ (dB)}$
 $= -13\text{dBm}.$



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. 09, 2024	Oct. 12, 2024~ Oct. 23, 2024	Apr. 08, 2025	Conducted (TH01-SZ)
DC Power Supply	TTI	PL330P	290070	Max 32V, 3A	Oct. 16, 2023	Oct. 12, 2024~ Oct. 23, 2024	Oct. 15, 2024	Conducted (TH01-SZ)
DC Power Supply	TTI	PL330P	290070	Max 32V, 3A	Oct. 15, 2024		Oct. 14, 2025	Conducted (TH01-SZ)
Power Divider	TOJOIN	PS-2SM-04265	60.06.020.0077	0.4GHz~26.5GHz	Dec. 25, 2023	Oct. 12, 2024~ Oct. 23, 2024	Dec. 24, 2024	Conducted (TH01-SZ)
Thermal Chamber	Ten Billion Hongzhangroup	LP-150U	H2014081803	-40~+150°C	Jul. 03, 2024	Oct. 12, 2024~ Oct. 23, 2024	Jul. 02, 2025	Conducted (TH01-SZ)
EXA Spectrum Analyzer	KEYSIGHT	N9010A	MY55150213	10Hz~44GHz	Jul. 03, 2024	Oct. 23, 2024	Jul. 02, 2025	Radiation (03CH02-SZ)
Loop Antenna	R&S	HFH2-Z2E	101141	9kHz~30MHz	Dec. 29, 2023	Oct. 23, 2024	Dec. 28, 2024	Radiation (03CH02-SZ)
Bilog Antenna	TeseQ	CBL6112D	35407	30MHz~2GHz	Oct. 24, 2023	Oct. 23, 2024	Oct. 23, 2025	Radiation (03CH02-SZ)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00119436	1GHz~18GHz	Jul. 04, 2024	Oct. 23, 2024	Jul. 04, 2025	Radiation (03CH02-SZ)
HF Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz	Jul. 03, 2024	Oct. 23, 2024	Jul. 03, 2025	Radiation (03CH02-SZ)
SHF-EHF Horn	com-power	AH-840	101071	18GHz~40GHz	Apr. 09, 2024	Oct. 23, 2024	Apr. 08, 2025	Radiation (03CH02-SZ)
LF Amplifier	Burgeon	BPA-530	102211	0.01~3000Mhz	Oct. 17, 2024	Oct. 23, 2024	Oct. 16, 2025	Radiation (03CH02-SZ)
HF Amplifier	KEYSIGHT	83017A	MY53270105	0.5GHz~26.5GHz	Oct. 17, 2024	Oct. 23, 2024	Oct. 16, 2025	Radiation (03CH02-SZ)
AC Power Source	Chroma	61601	616010003043	N/A	Oct. 17, 2024	Oct. 23, 2024	Oct. 16, 2025	Radiation (03CH02-SZ)
Turn Table	Chaintek	T-200	N/A	0~360 degree	NCR	Oct. 23, 2024	NCR	Radiation (03CH02-SZ)
Antenna Mast	Chaintek	MBS-400	N/A	1 m~4 m	NCR	Oct. 23, 2024	NCR	Radiation (03CH02-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% ($U = 2Uc(y)$)	2.47 dB
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Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.31 dB
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Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

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



Appendix A. Test Results of Conducted Test

Test Engineer :	Khan	Temperature :	24~26°C
		Relative Humidity :	50~53%



Software Version: 23.06.1602

FR1 N77(Ant6)_SCS15kHz**Transmitter Conducted Output Power And EIRP, (G_T - L_C)=-2.7dB**

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
77	15	10	647000	3705	DFT-s-OFDM QPSK	1@1	24.99	22.29	0.1694
77	15	10	647000	3705	DFT-s-OFDM 16 QAM	1@1	23.95	21.25	0.1334
77	15	10	656000	3840	DFT-s-OFDM QPSK	1@1	24.84	22.14	0.1637
77	15	10	656000	3840	DFT-s-OFDM 16 QAM	1@1	23.74	21.04	0.1271
77	15	10	665000	3975	DFT-s-OFDM QPSK	1@1	24.94	22.24	0.1675
77	15	10	665000	3975	DFT-s-OFDM 16 QAM	1@1	23.78	21.08	0.1282
77	15	15	647167	3707.505	DFT-s-OFDM QPSK	1@1	25.08	22.38	0.1730
77	15	15	647167	3707.505	DFT-s-OFDM 16 QAM	1@1	23.95	21.25	0.1334
77	15	15	656000	3840	DFT-s-OFDM QPSK	1@1	24.85	22.15	0.1641
77	15	15	656000	3840	DFT-s-OFDM 16 QAM	1@1	23.76	21.06	0.1276
77	15	15	664833	3972.495	DFT-s-OFDM QPSK	1@1	24.77	22.07	0.1611
77	15	15	664833	3972.495	DFT-s-OFDM 16 QAM	1@1	23.63	20.93	0.1239
77	15	20	647334	3710.01	DFT-s-OFDM QPSK	1@1	25.03	22.33	0.1710
77	15	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@1	23.94	21.24	0.1330
77	15	20	656000	3840	DFT-s-OFDM QPSK	1@1	24.84	22.14	0.1637
77	15	20	656000	3840	DFT-s-OFDM 16 QAM	1@1	23.77	21.07	0.1279
77	15	20	664666	3969.99	DFT-s-OFDM QPSK	1@1	24.8	22.1	0.1622
77	15	20	664666	3969.99	DFT-s-OFDM 16 QAM	1@1	23.67	20.97	0.1250
77	15	25	647500	3712.5	DFT-s-OFDM QPSK	1@1	24.82	22.12	0.1629
77	15	25	647500	3712.5	DFT-s-OFDM 16 QAM	1@1	23.78	21.08	0.1282
77	15	25	656000	3840	DFT-s-OFDM QPSK	1@1	24.82	22.12	0.1629
77	15	25	656000	3840	DFT-s-OFDM 16 QAM	1@1	23.74	21.04	0.1271
77	15	25	664500	3967.5	DFT-s-OFDM QPSK	1@1	24.7	22	0.1585
77	15	25	664500	3967.5	DFT-s-OFDM 16 QAM	1@1	23.59	20.89	0.1227
77	15	30	647667	3715.005	DFT-s-OFDM QPSK	1@1	25	22.3	0.1698
77	15	30	647667	3715.005	DFT-s-OFDM 16 QAM	1@1	23.9	21.2	0.1318
77	15	30	656000	3840	DFT-s-OFDM QPSK	1@1	24.85	22.15	0.1641
77	15	30	656000	3840	DFT-s-OFDM 16 QAM	1@1	23.79	21.09	0.1285
77	15	30	664332	3964.98	DFT-s-OFDM QPSK	1@1	24.63	21.93	0.1560
77	15	30	664332	3964.98	DFT-s-OFDM 16 QAM	1@1	23.45	20.75	0.1189
77	15	40	648000	3720	DFT-s-OFDM QPSK	1@1	24.93	22.23	0.1671
77	15	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	23.82	21.12	0.1294
77	15	40	656000	3840	DFT-s-OFDM QPSK	1@1	24.88	22.18	0.1652
77	15	40	656000	3840	DFT-s-OFDM 16 QAM	1@1	23.73	21.03	0.1268
77	15	40	664000	3960	DFT-s-OFDM QPSK	1@1	24.46	21.76	0.1500
77	15	40	664000	3960	DFT-s-OFDM 16 QAM	1@1	23.36	20.66	0.1164
77	15	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	135@67	24.83	22.13	0.1633
77	15	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	1@1	24.68	21.98	0.1578
77	15	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	1@268	24.51	21.81	0.1517
77	15	50	648334	3725.01	DFT-s-OFDM QPSK	135@67	24.84	22.14	0.1637
77	15	50	648334	3725.01	DFT-s-OFDM QPSK	1@1	25.09	22.39	0.1734
77	15	50	648334	3725.01	DFT-s-OFDM QPSK	1@268	24.67	21.97	0.1574



77	15	50	648334	3725.01	DFT-s-OFDM 16 QAM	135@67	23.85	21.15	0.1303
77	15	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@1	23.82	21.12	0.1294
77	15	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@268	23.69	20.99	0.1256
77	15	50	648334	3725.01	DFT-s-OFDM 64 QAM	135@67	22.34	19.64	0.0920
77	15	50	648334	3725.01	DFT-s-OFDM 64 QAM	1@1	22.02	19.32	0.0855
77	15	50	648334	3725.01	DFT-s-OFDM 64 QAM	1@268	21.81	19.11	0.0815
77	15	50	648334	3725.01	DFT-s-OFDM 256 QAM	135@67	20.42	17.72	0.0592
77	15	50	648334	3725.01	DFT-s-OFDM 256 QAM	1@1	20.37	17.67	0.0585
77	15	50	648334	3725.01	DFT-s-OFDM 256 QAM	1@268	20.13	17.43	0.0553
77	15	50	648334	3725.01	CP-OFDM QPSK	135@67	23.3	20.6	0.1148
77	15	50	648334	3725.01	CP-OFDM QPSK	1@1	23.21	20.51	0.1125
77	15	50	648334	3725.01	CP-OFDM QPSK	1@268	23.07	20.37	0.1089
77	15	50	656000	3840	DFT-s-OFDM PI/2 BPSK	135@67	24.76	22.06	0.1607
77	15	50	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	24.55	21.85	0.1531
77	15	50	656000	3840	DFT-s-OFDM PI/2 BPSK	1@268	24.61	21.91	0.1552
77	15	50	656000	3840	DFT-s-OFDM QPSK	135@67	24.79	22.09	0.1618
77	15	50	656000	3840	DFT-s-OFDM QPSK	1@1	24.81	22.11	0.1626
77	15	50	656000	3840	DFT-s-OFDM QPSK	1@268	24.78	22.08	0.1614
77	15	50	656000	3840	DFT-s-OFDM 16 QAM	135@67	23.79	21.09	0.1285
77	15	50	656000	3840	DFT-s-OFDM 16 QAM	1@1	23.67	20.97	0.1250
77	15	50	656000	3840	DFT-s-OFDM 16 QAM	1@268	23.81	21.11	0.1291
77	15	50	656000	3840	DFT-s-OFDM 64 QAM	135@67	22.3	19.6	0.0912
77	15	50	656000	3840	DFT-s-OFDM 64 QAM	1@1	21.96	19.26	0.0843
77	15	50	656000	3840	DFT-s-OFDM 64 QAM	1@268	21.95	19.25	0.0841
77	15	50	656000	3840	DFT-s-OFDM 256 QAM	135@67	20.33	17.63	0.0579
77	15	50	656000	3840	DFT-s-OFDM 256 QAM	1@1	20.16	17.46	0.0557
77	15	50	656000	3840	DFT-s-OFDM 256 QAM	1@268	20.2	17.5	0.0562
77	15	50	656000	3840	CP-OFDM QPSK	135@67	23.24	20.54	0.1132
77	15	50	656000	3840	CP-OFDM QPSK	1@1	23.11	20.41	0.1099
77	15	50	656000	3840	CP-OFDM QPSK	1@268	23.14	20.44	0.1107
77	15	50	663666	3954.99	DFT-s-OFDM PI/2 BPSK	135@67	24.52	21.82	0.1521
77	15	50	663666	3954.99	DFT-s-OFDM PI/2 BPSK	1@1	24.17	21.47	0.1403
77	15	50	663666	3954.99	DFT-s-OFDM PI/2 BPSK	1@268	24.65	21.95	0.1567
77	15	50	663666	3954.99	DFT-s-OFDM QPSK	135@67	24.54	21.84	0.1528
77	15	50	663666	3954.99	DFT-s-OFDM QPSK	1@1	24.37	21.67	0.1469
77	15	50	663666	3954.99	DFT-s-OFDM QPSK	1@268	24.94	22.24	0.1675
77	15	50	663666	3954.99	DFT-s-OFDM 16 QAM	135@67	23.53	20.83	0.1211
77	15	50	663666	3954.99	DFT-s-OFDM 16 QAM	1@1	23.35	20.65	0.1161
77	15	50	663666	3954.99	DFT-s-OFDM 16 QAM	1@268	23.74	21.04	0.1271
77	15	50	663666	3954.99	DFT-s-OFDM 64 QAM	135@67	22.01	19.31	0.0853
77	15	50	663666	3954.99	DFT-s-OFDM 64 QAM	1@1	21.52	18.82	0.0762
77	15	50	663666	3954.99	DFT-s-OFDM 64 QAM	1@268	21.97	19.27	0.0845
77	15	50	663666	3954.99	DFT-s-OFDM 256 QAM	135@67	20.11	17.41	0.0551
77	15	50	663666	3954.99	DFT-s-OFDM 256 QAM	1@1	19.88	17.18	0.0522
77	15	50	663666	3954.99	DFT-s-OFDM 256 QAM	1@268	20.31	17.61	0.0577
77	15	50	663666	3954.99	CP-OFDM QPSK	135@67	23	20.3	0.1072
77	15	50	663666	3954.99	CP-OFDM QPSK	1@1	22.7	20	0.1000
77	15	50	663666	3954.99	CP-OFDM QPSK	1@268	23.28	20.58	0.1143



Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	100@0	0.0035	PASS	NV
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	100@0	0.0047	PASS	LV
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	100@0	0.0023	PASS	HV
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	100@0	0.0050	PASS	-30℃
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	100@0	0.0067	PASS	-20℃
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	100@0	0.0044	PASS	-10℃
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	100@0	0.0040	PASS	0℃
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	100@0	0.0069	PASS	10℃
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	100@0	0.0035	PASS	20℃
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	100@0	0.0028	PASS	30℃
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	100@0	0.0068	PASS	40℃
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	100@0	0.0028	PASS	50℃



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	3.86	13	PASS
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	100@0	4.96	13	PASS

N77(20M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CHN77(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



Occupied Bandwidth

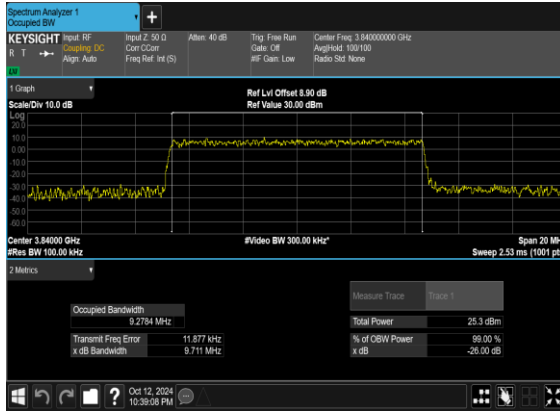
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
77	15	10	656000	3840.0	CP-OFDM QPSK	52@0	9.2784	9.711
77	15	10	656000	3840.0	CP-OFDM 16 QAM	52@0	9.2853	9.619
77	15	10	656000	3840.0	CP-OFDM 64 QAM	52@0	9.2909	9.612
77	15	10	656000	3840.0	CP-OFDM 256 QAM	52@0	9.2716	9.645
77	15	15	656000	3840.0	CP-OFDM QPSK	79@0	14.129	14.66
77	15	15	656000	3840.0	CP-OFDM 16 QAM	79@0	14.112	14.57
77	15	15	656000	3840.0	CP-OFDM 64 QAM	79@0	14.11	14.66
77	15	15	656000	3840.0	CP-OFDM 256 QAM	79@0	14.073	14.61
77	15	20	656000	3840.0	CP-OFDM QPSK	106@0	18.892	19.61
77	15	20	656000	3840.0	CP-OFDM 16 QAM	106@0	18.92	19.63
77	15	20	656000	3840.0	CP-OFDM 64 QAM	106@0	18.936	19.64
77	15	20	656000	3840.0	CP-OFDM 256 QAM	106@0	18.96	19.68
77	15	25	656000	3840.0	CP-OFDM QPSK	133@0	23.826	24.68
77	15	25	656000	3840.0	CP-OFDM 16 QAM	133@0	23.756	24.6
77	15	25	656000	3840.0	CP-OFDM 64 QAM	133@0	23.725	24.68
77	15	25	656000	3840.0	CP-OFDM 256 QAM	133@0	23.785	24.72
77	15	30	656000	3840.0	CP-OFDM QPSK	160@0	28.581	29.53
77	15	30	656000	3840.0	CP-OFDM 16 QAM	160@0	28.514	29.48
77	15	30	656000	3840.0	CP-OFDM 64 QAM	160@0	28.495	29.63
77	15	30	656000	3840.0	CP-OFDM 256 QAM	160@0	28.623	29.48
77	15	40	656000	3840.0	CP-OFDM QPSK	216@0	38.521	39.86
77	15	40	656000	3840.0	CP-OFDM 16 QAM	216@0	38.477	39.78
77	15	40	656000	3840.0	CP-OFDM 64 QAM	216@0	38.542	39.87



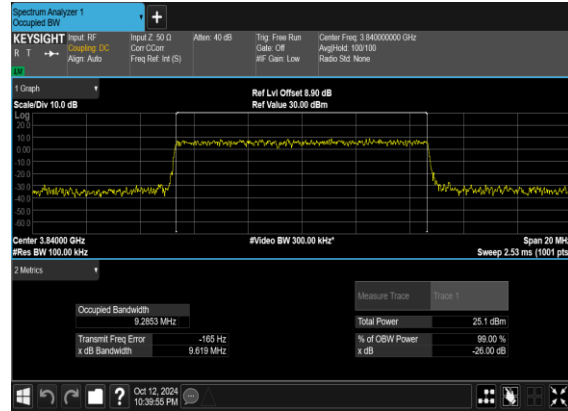
77	15	40	656000	3840.0	CP-OFDM 256 QAM	216@0	38.583	39.82
77	15	50	656000	3840.0	CP-OFDM QPSK	270@0	48.269	49.75
77	15	50	656000	3840.0	CP-OFDM 16 QAM	270@0	48.352	49.7
77	15	50	656000	3840.0	CP-OFDM 64 QAM	270@0	48.193	49.76
77	15	50	656000	3840.0	CP-OFDM 256 QAM	270@0	48.227	49.77



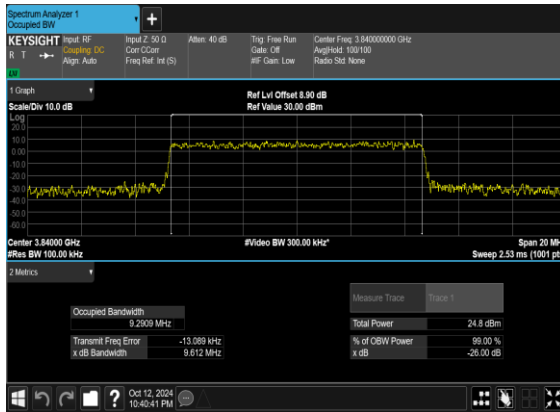
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OFDM_QPSK_Outer_Full_Mid_CH



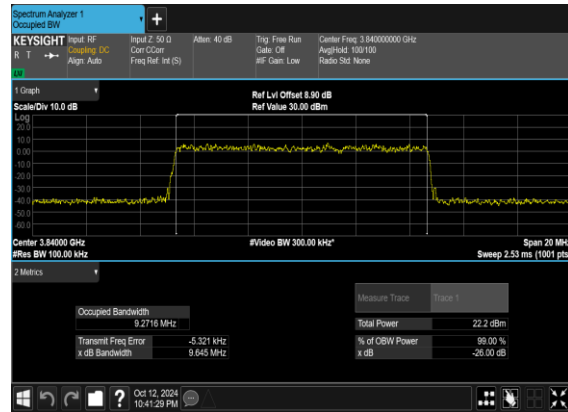
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QAM_Outer_Full_Mid_CH



N77(10M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

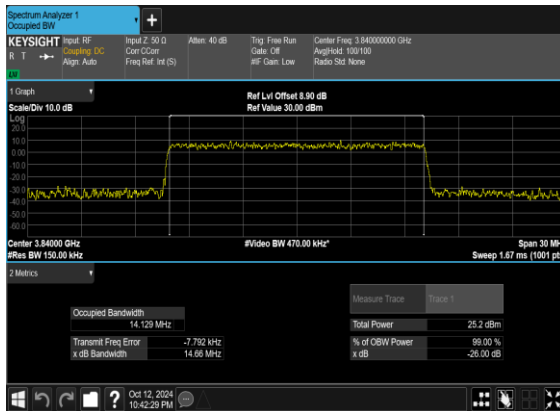


N77(10M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

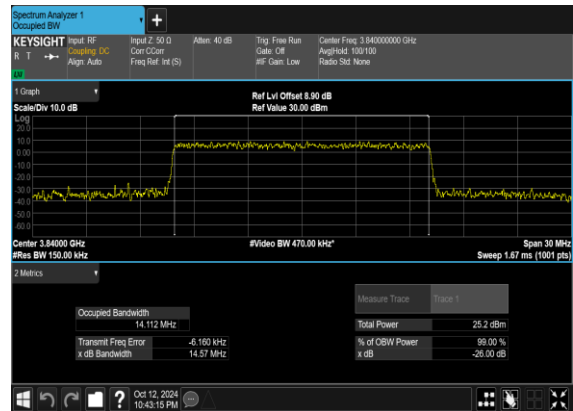




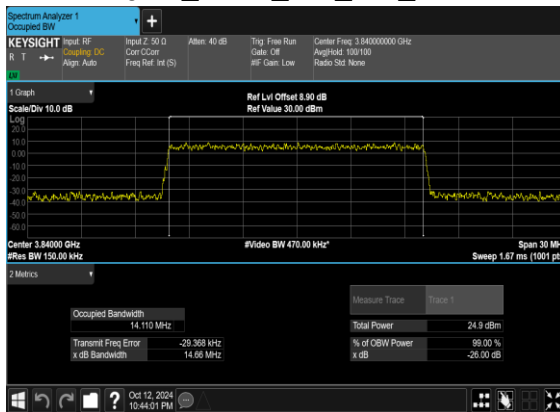
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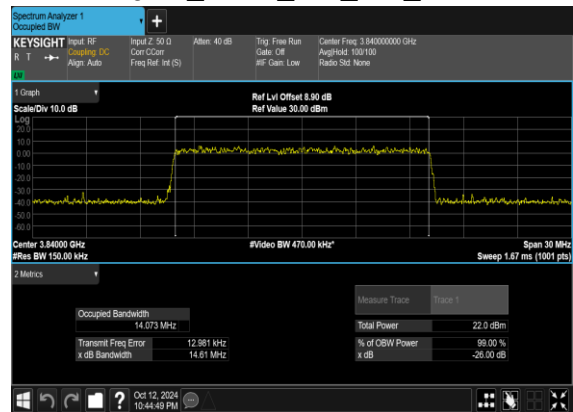
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QAM_Outer_Full_Mid_CH



N77(15M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

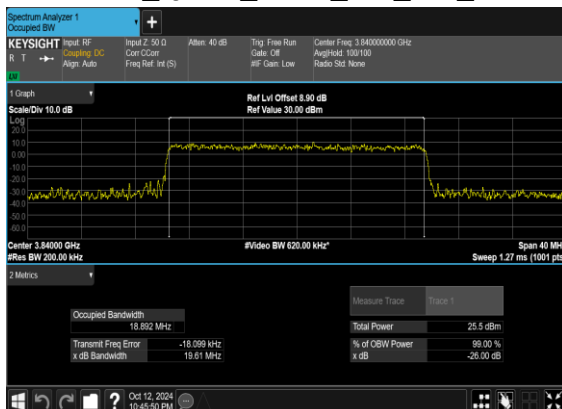


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QAM_Outer_Full_Mid_CH

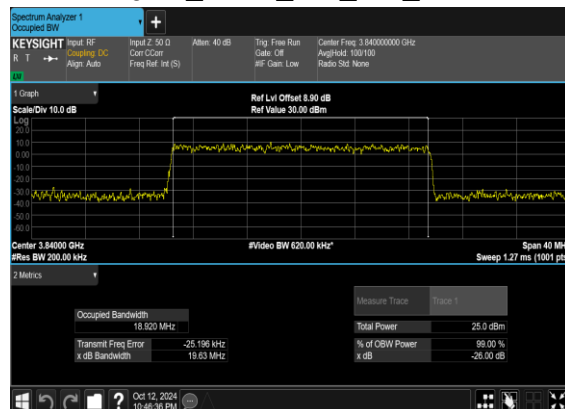




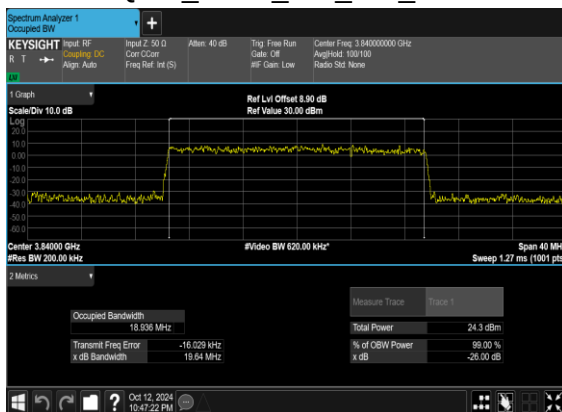
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OFDM_QPSK_Outer_Full_Mid_CH



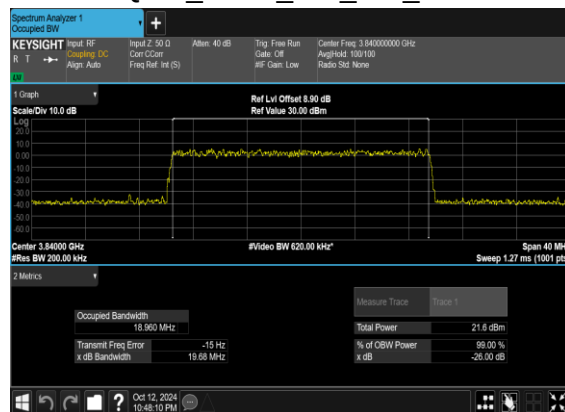
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QAM_Outer_Full_Mid_CH



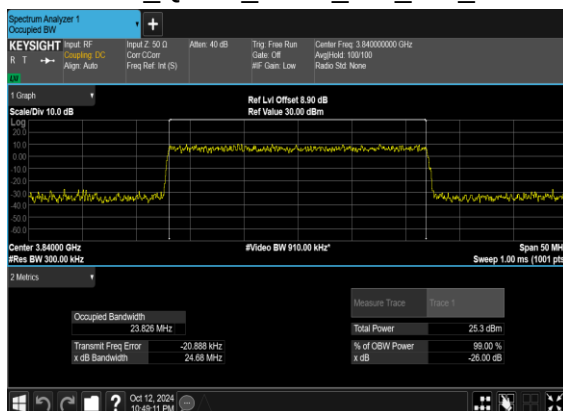
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QAM_Outer_Full_Mid_CH



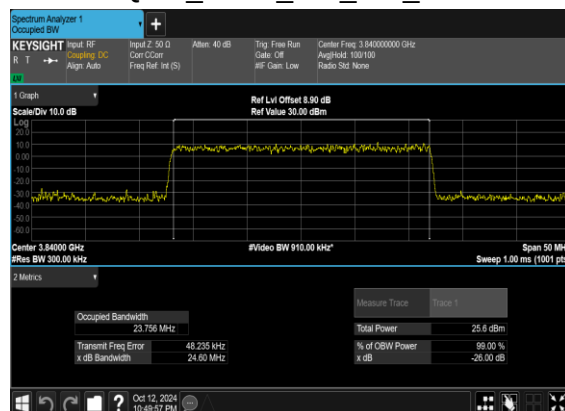
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QAM_Outer_Full_Mid_CH



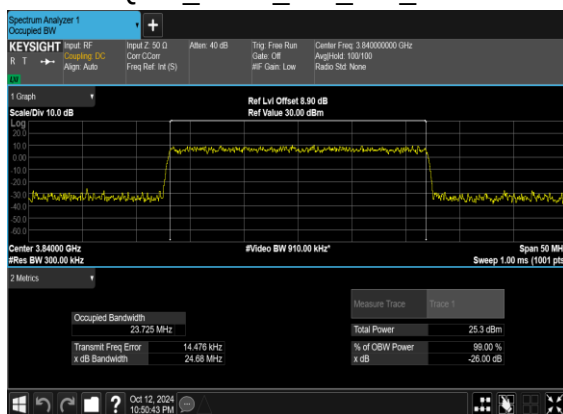
N77(25M)_CP-
OFDM QPSK Outer Full Mid CH



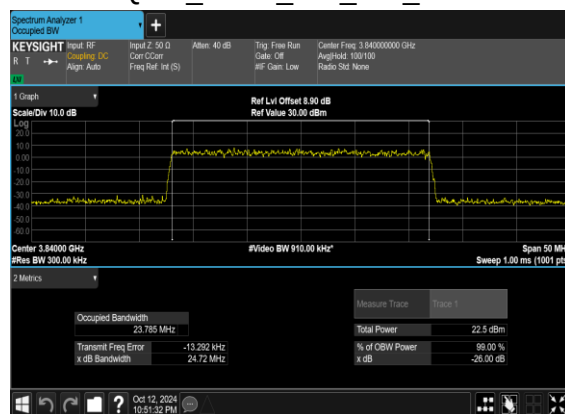
N77(25M)_CP-OFDM_16
QAM Outer Full Mid CH



N77(25M)_CP-OFDM_64
QAM Outer Full Mid CH

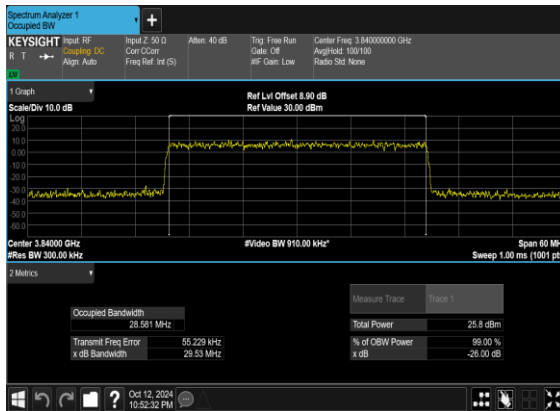


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QAM Outer Full Mid CH

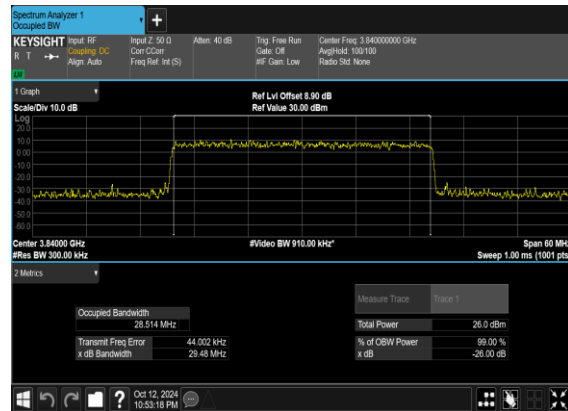




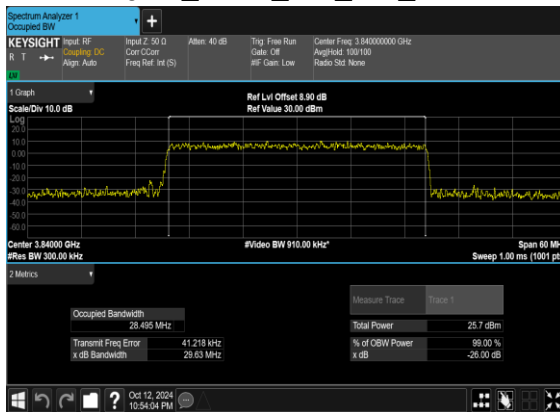
N77(30M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



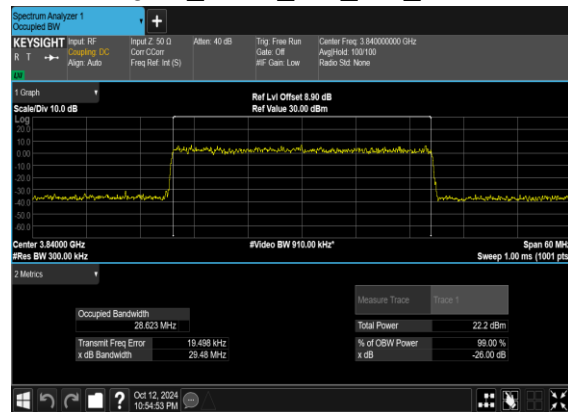
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QAM_Outer_Full_Mid_CH



N77(30M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

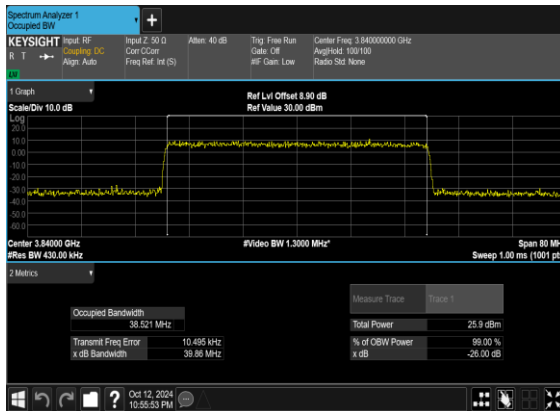


N77(30M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

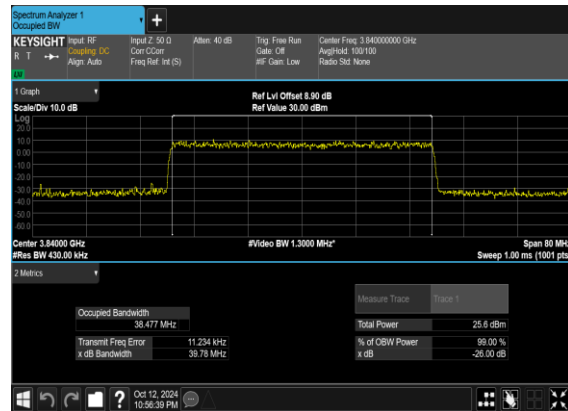




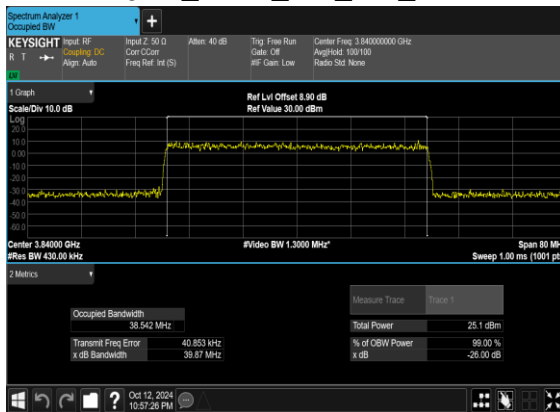
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OFDM_QPSK_Outer_Full_Mid_CH



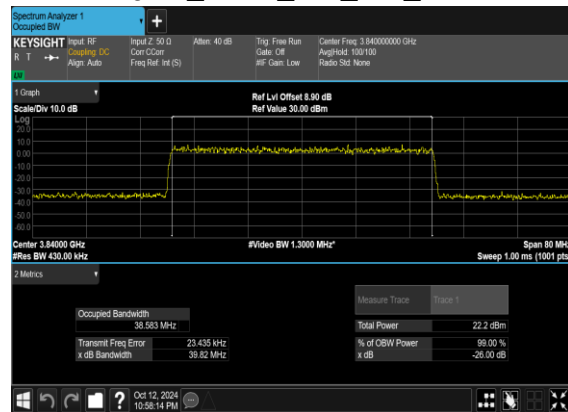
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QAM_Outer_Full_Mid_CH



N77(40M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

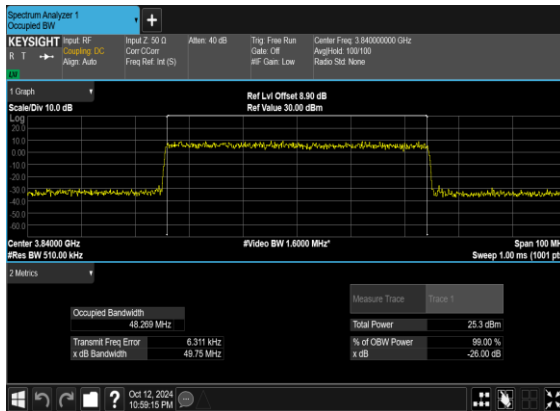


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QAM_Outer_Full_Mid_CH

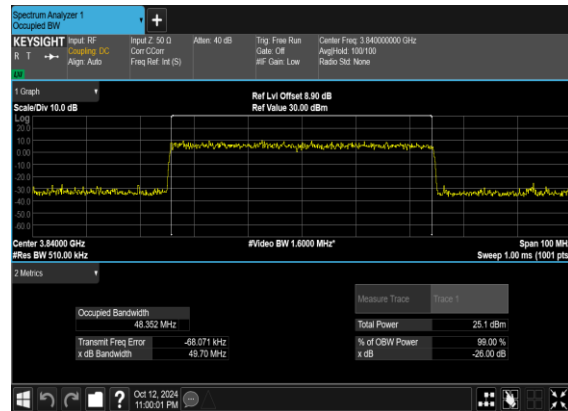




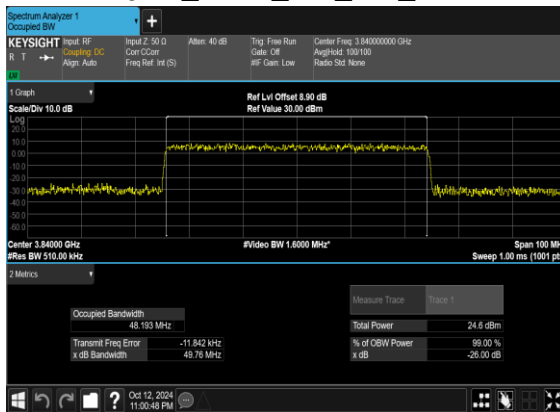
N77(50M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



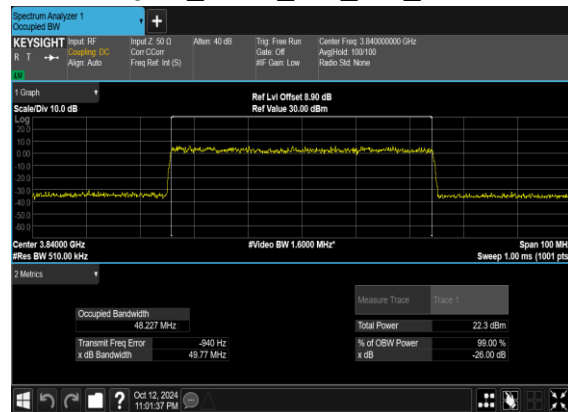
N77(50M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



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	20	647334	3710.01	DFT-s-OFDM BPSK	1@0	see graph	---
77	15	20	647334	3710.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	20	647334	3710.01	DFT-s-OFDM BPSK	1@0	see graph	PASS



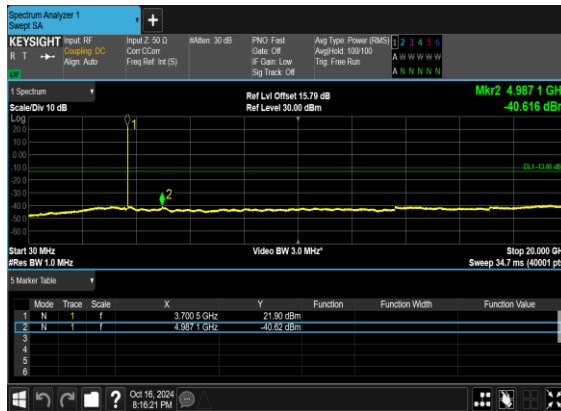
77	15	20	647334	3710.01	DFT-s-OFDM QPSK	1@0	see graph	---
77	15	20	647334	3710.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	20	647334	3710.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	20	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	15	20	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	20	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	20	664666	3969.99	DFT-s-OFDM BPSK	1@0	see graph	---
77	15	20	664666	3969.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	20	664666	3969.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	20	664666	3969.99	DFT-s-OFDM QPSK	1@0	see graph	---
77	15	20	664666	3969.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	20	664666	3969.99	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



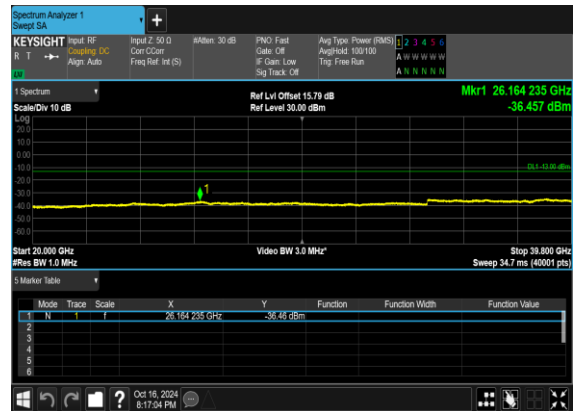
77	15	50	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	50	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	15	50	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	50	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	50	663666	3954.99	DFT-s-OFDM BPSK	1@0	see graph	---
77	15	50	663666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



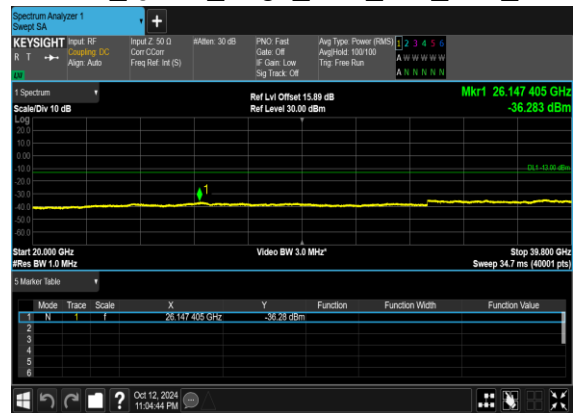
N77(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N77(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

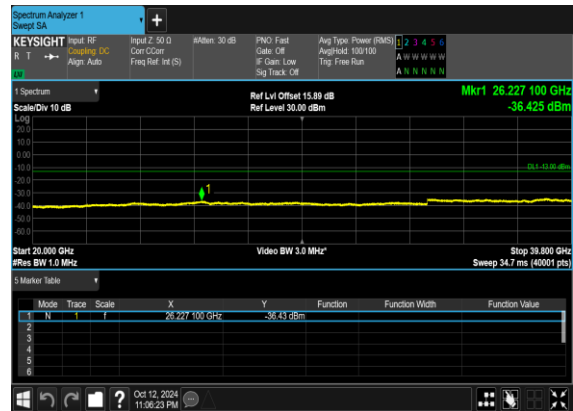




N77(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



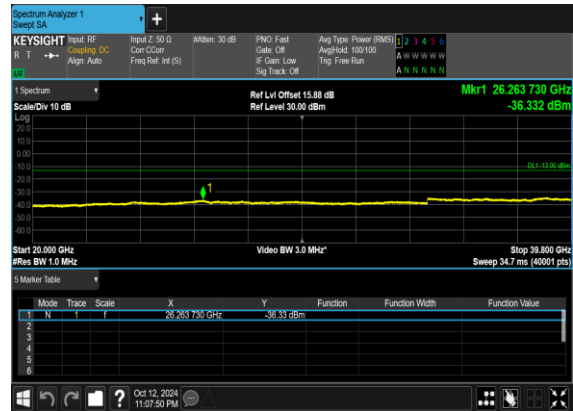
N77(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N77(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

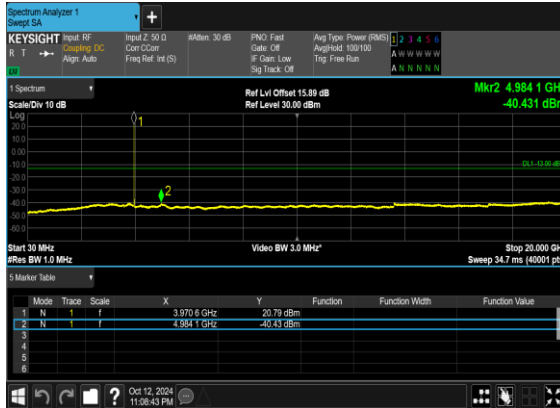


N77(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

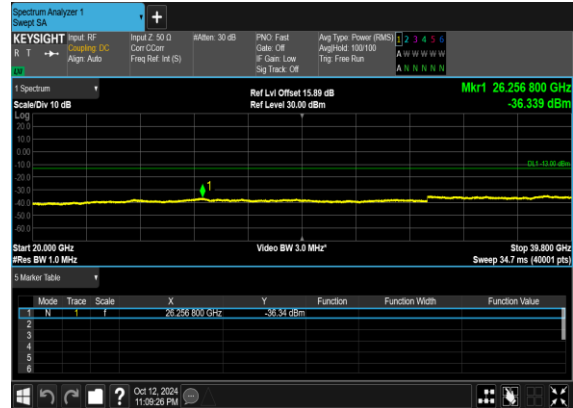




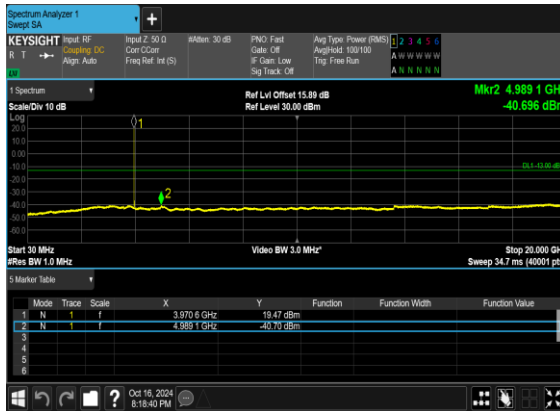
N77(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



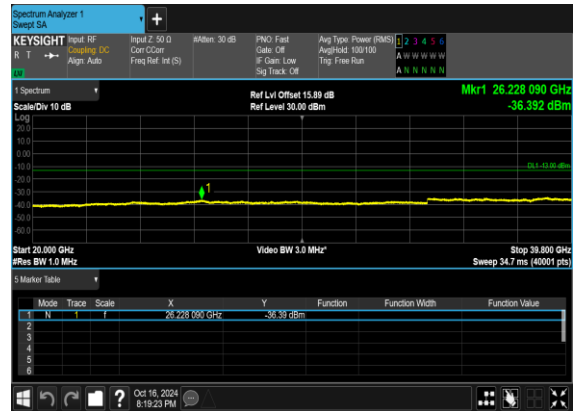
N77(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N77(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



N77(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

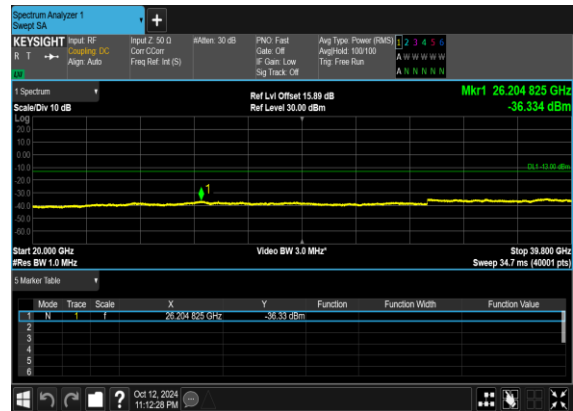




N77(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



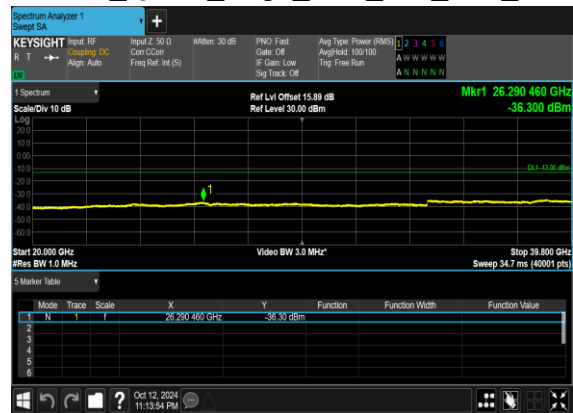
N77(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N77(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

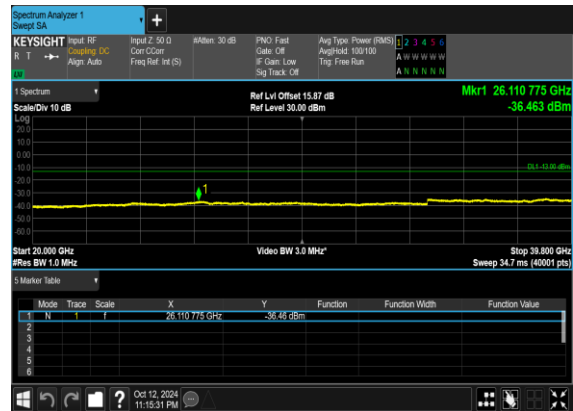




N77(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



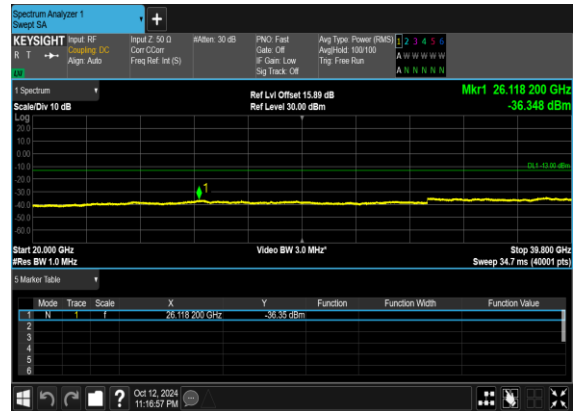
N77(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N77(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

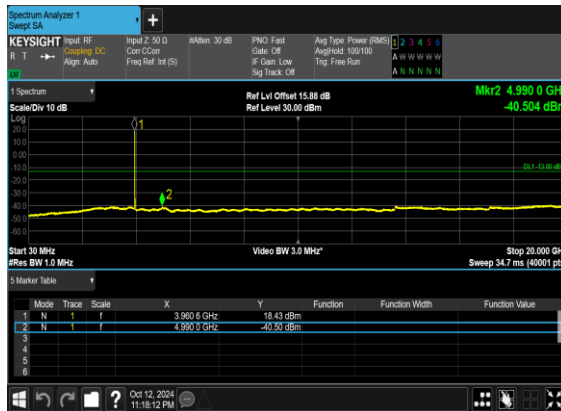


N77(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

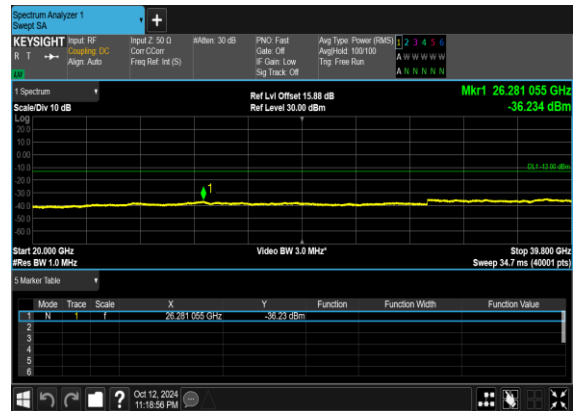




N77(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



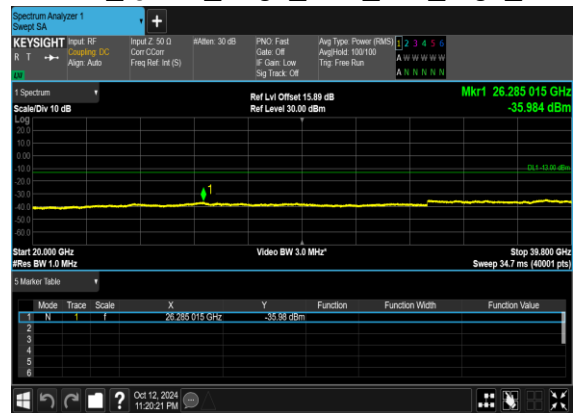
N77(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N77(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



N77(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

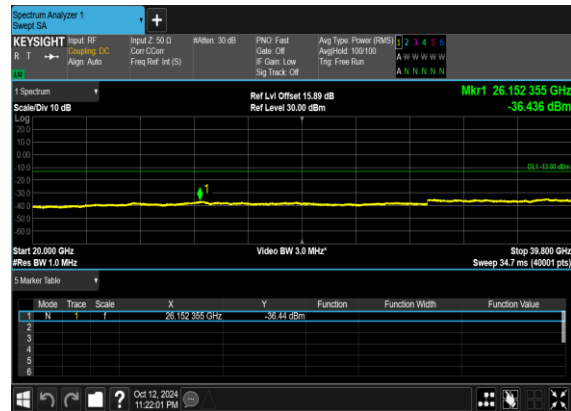




N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



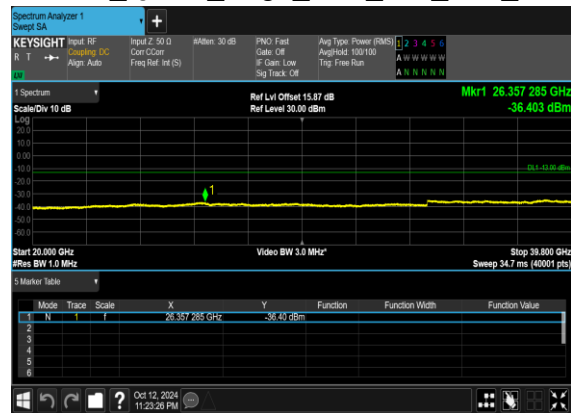
N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

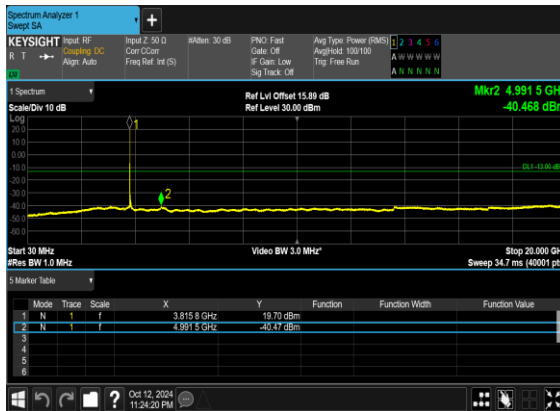


N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

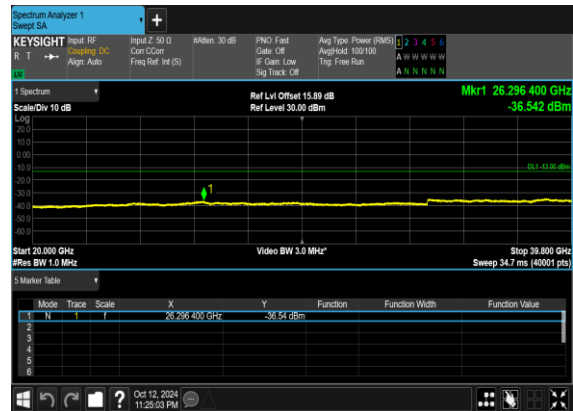




N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



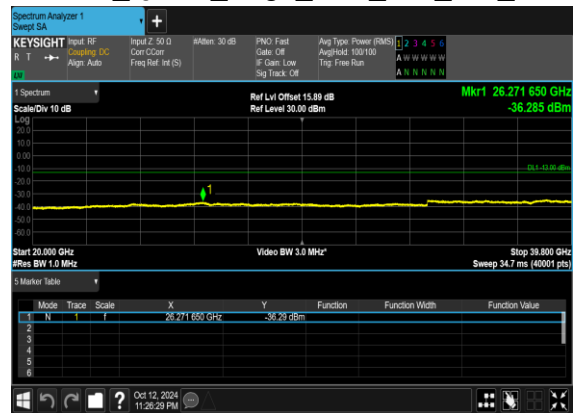
N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

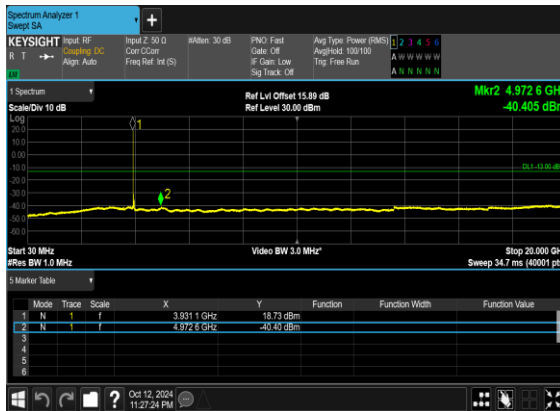


N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

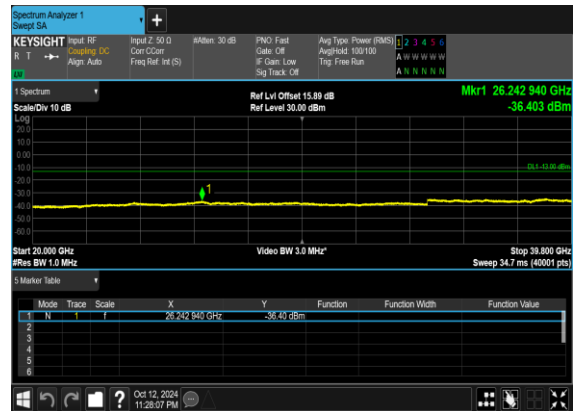




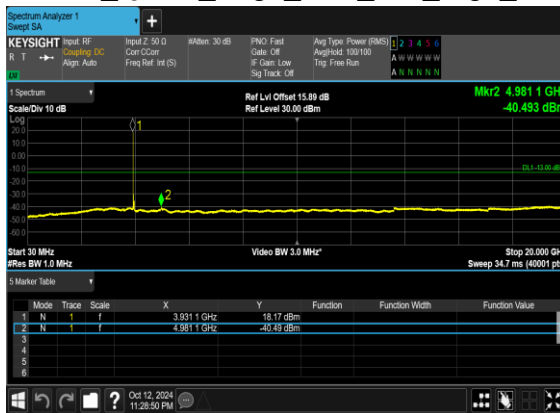
N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



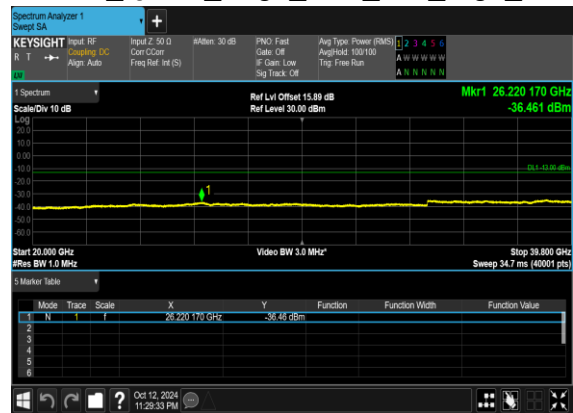
N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



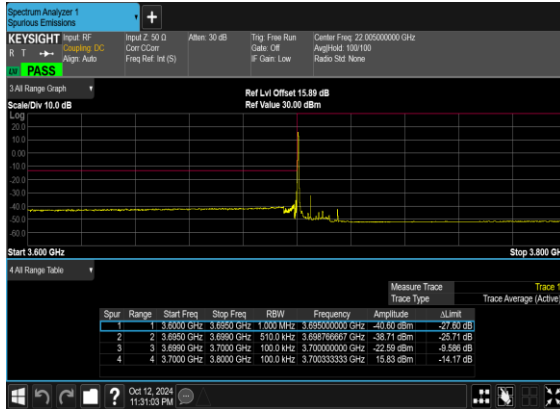


Conducted Band Edge

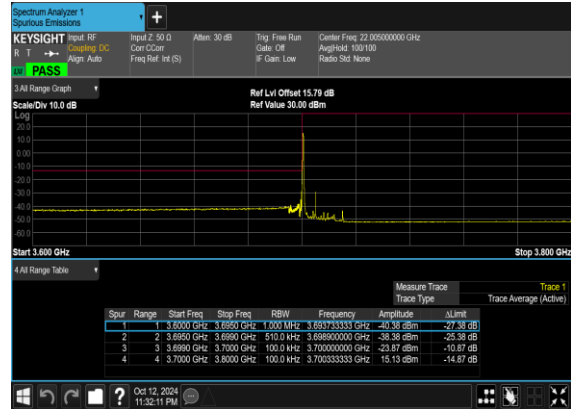
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	15	10	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	10	647000	3705.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
77	15	10	647000	3705.0	DFT-s-OFDM QPSK	50@0	see 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	20	647334	3710.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	20	647334	3710.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	20	647334	3710.01	DFT-s-OFDM BPSK	100@0	see graph	PASS
77	15	20	647334	3710.01	DFT-s-OFDM QPSK	100@0	see graph	PASS
77	15	20	664666	3969.99	DFT-s-OFDM BPSK	1@105	see graph	PASS
77	15	20	664666	3969.99	DFT-s-OFDM QPSK	1@105	see graph	PASS
77	15	20	664666	3969.99	DFT-s-OFDM BPSK	100@0	see graph	PASS
77	15	20	664666	3969.99	DFT-s-OFDM QPSK	100@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



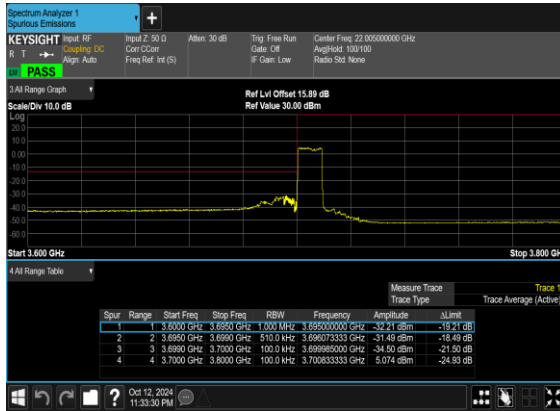
N77(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N77(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(10M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

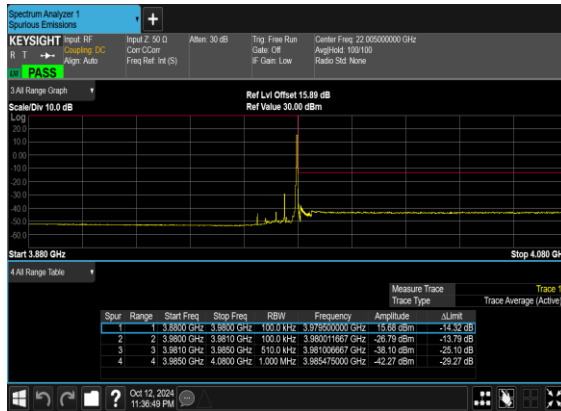


N77(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

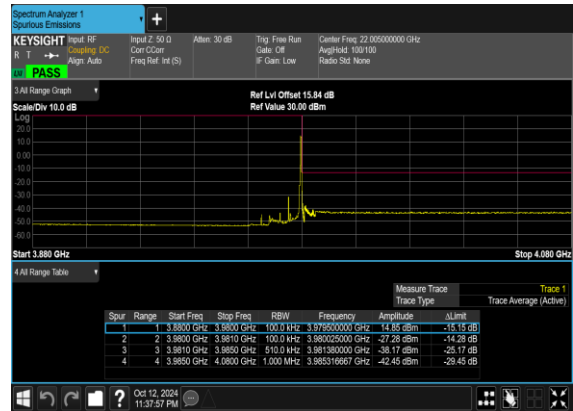




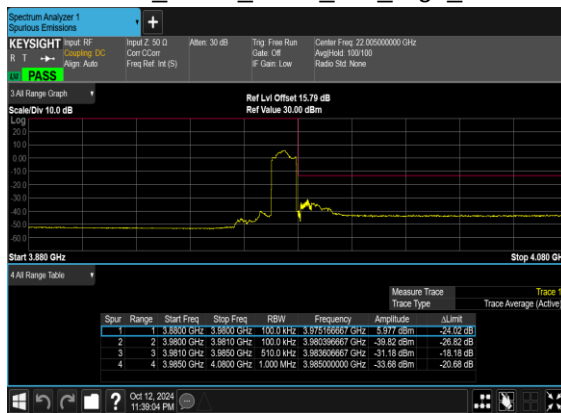
N77(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



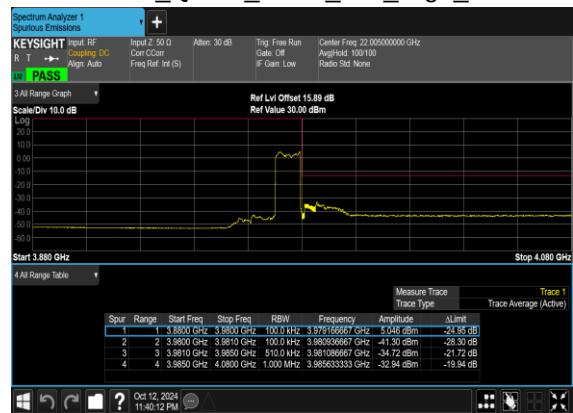
N77(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N77(10M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

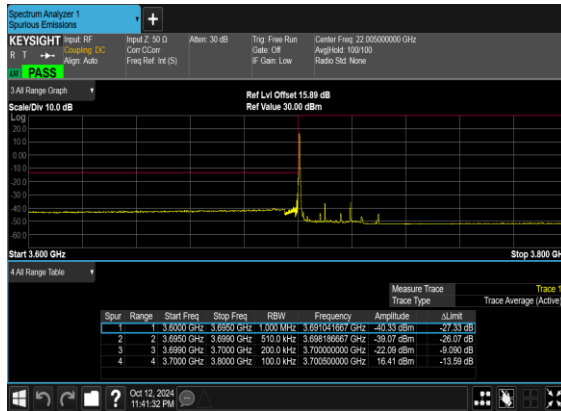


N77(10M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

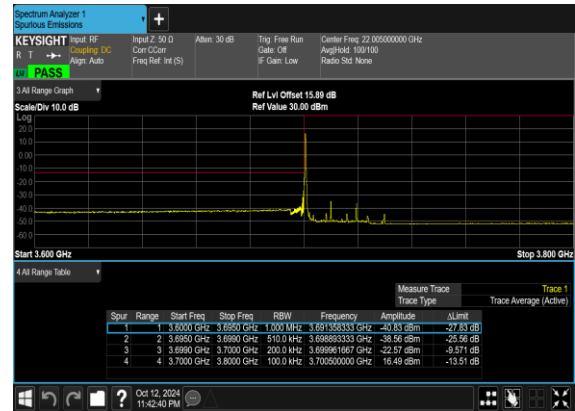




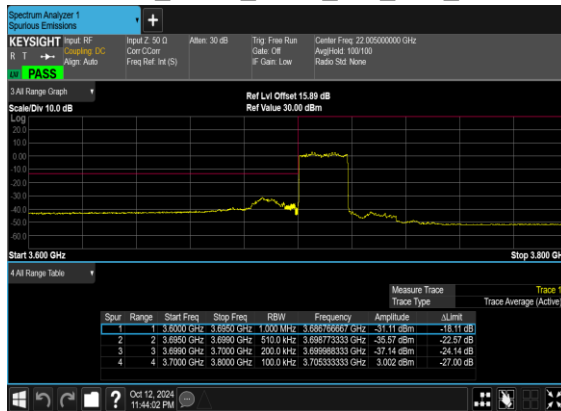
N77(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



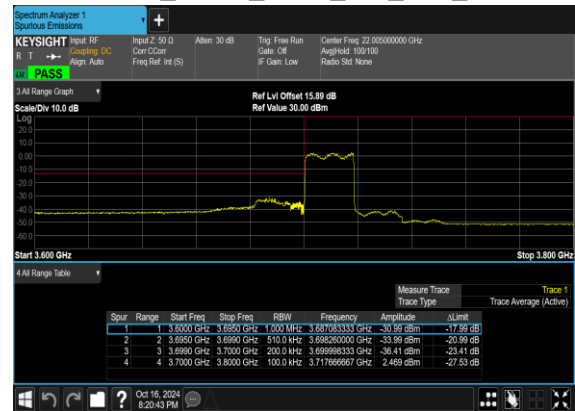
N77(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(20M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

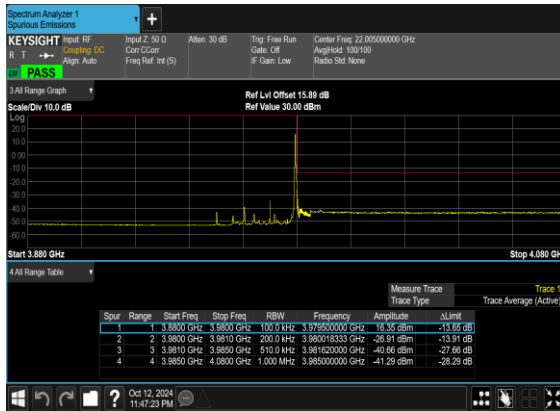


N77(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

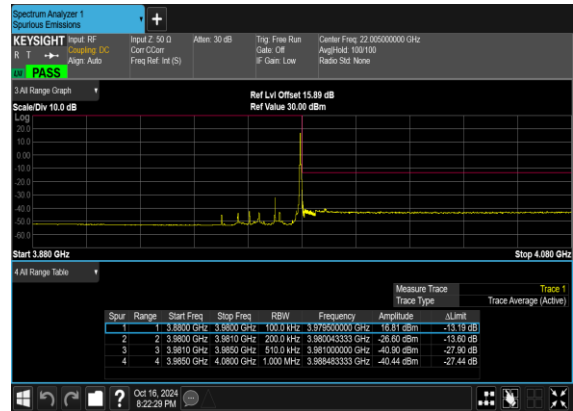




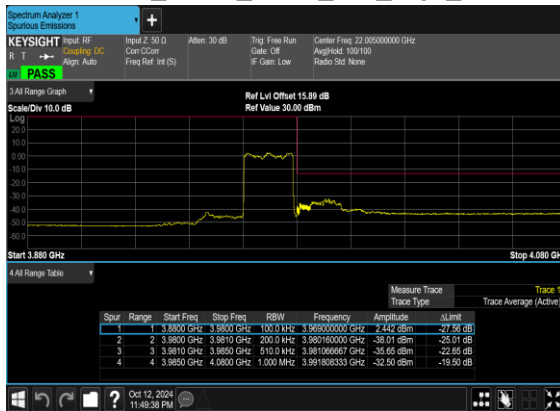
N77(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



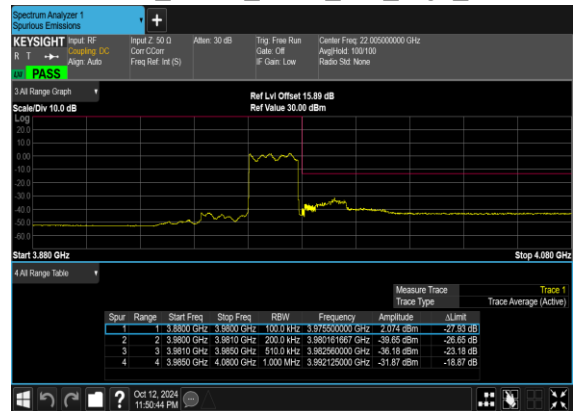
N77(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N77(20M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

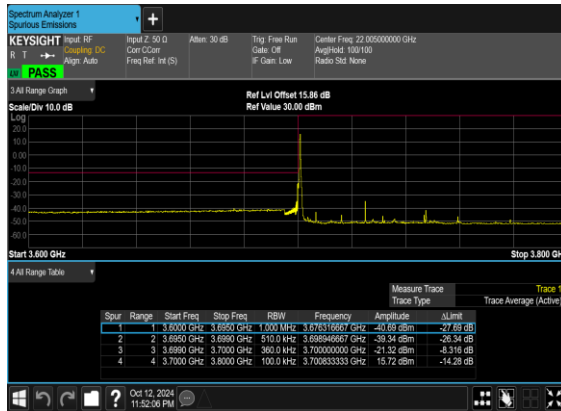


N77(20M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

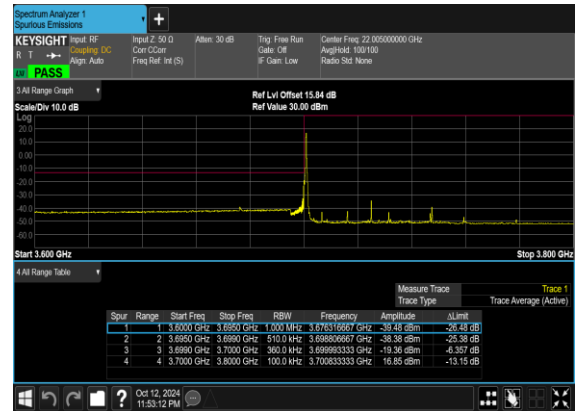




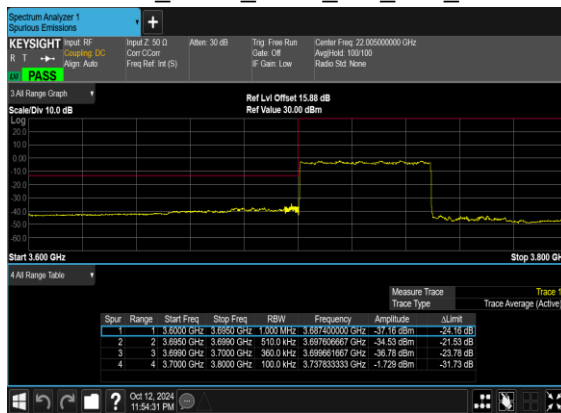
N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(50M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



N77(50M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

