FCC RF Test Report

APPLICANT	:	Fibocom Wireless Inc.
EQUIPMENT	:	5G Dongle
BRAND NAME	:	Fibocom
MODEL NAME	:	ST151L-GL
FCC ID	:	ZMOST151LGL
STANDARD	:	47 CFR Part 27 Subpart Q
CLASSIFICATION	:	PCS Licensed Transmitter (PCB)
TEST DATE(S)	:	Mar. 12, 2026 ~ Mar. 19, 2026

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

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

Fly Liang

Approved by: Fly Liang

ACCREDITED
Cert #5145.01

Sporton International Inc. (ShenZhen)

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People's Republic of China

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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FG620905-01Q	Rev. 01	Initial issue of report	May 19, 2026

SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.4	§2.1046	Conducted Output Power	—	Report Only	-
3.5	§27.50 (k)(4)	Peak-to-Average Ratio	<13dB	PASS	
3.6	§27.50 (k)(3)	EIRP	EIRP < 1W (30dBm)	PASS	-
3.7	§2.1049	Occupied Bandwidth	—	Report Only	-
3.8	§2.1051 §27.53 (n)(2)	Conducted Band Edge Measurement	-13dBm/MHz	PASS	-
3.9	§2.1051 §27.53 (n)(2)	Conducted Spurious Emission	-13dBm/MHz	PASS	-
3.10	§2.1055 §27.54	Frequency Stability Temperature & Voltage	Within the band	PASS	-
4.4	§2.1053 §27.53 (n)(2)	Radiated Spurious Emission	-13dBm/MHz	PASS	Under limit 18.42 dB at 6904.00 MHz

Note: This is a variant report. The change note could be referred to the Product Equality Declaration which is exhibit separately. Since the differences have no influence on the test results, all the test results are leveraged from original report (Sporton Report Number FG620905Q).

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

Fibocom Wireless Inc.
1101,Tower A, Building 6, Shenzhen International Innovation Valley, Dashi 1st Rd, Nanshan,Shenzhen, China.

1.2 Manufacturer

Fibocom Wireless Inc.
1101,Tower A, Building 6, Shenzhen International Innovation Valley, Dashi 1st Rd, Nanshan,Shenzhen, China.

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	5G Dongle
Brand Name	Fibocom
Model Name	ST151L-GL
FCC ID	ZMOST151LGL
SN Code	Conducted : ZR60SB002P/ZR60SG003K Radiation : 2eab4f45
EUT Stage	Production Unit

1.4 Product Specification of Equipment Under Test

Product Feature	
Tx/Rx Frequency	5G NR n77: 3450 MHz ~ 3550 MHz 5G NR n78: 3450 MHz ~ 3550 MHz
SCS	30kHz
Bandwidth	n77: 20 / 30 / 40 / 60 / 80 / 100MHz n78: 20 / 30 / 40 / 50 / 60 / 70 / 80 / 90 / 100MHz
Antenna Gain	<Ant. 2>: 5G NR n77/n78: 1.35 dBi <Ant. 0>: 5G NR n77/n78: 1.35 dBi <Ant. 1>: 5G NR n77/n78: 1.35 dBi <Ant. 3>: 5G NR n77/n78: 1.35 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 are shown in the report, 5G NR n77/n78 for Ant. 2.
2. 5G NR n77/n78 support SA and NSA mode. The whole testing has assessed SA mode by referring to the higher conducted power for conducted test items.
3. The device supports HPUE(PC2) mode for 5G NR n77/n78.

4. All the supported EN-DC combinations are verified conducted power, only the EN-DC combination with highest power are shown in the report.
5. 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 Power and Emission Designator

5G NR n77 SA		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)
20	3460.02 ~ 3540.00	0.4634	18M2G7D	0.3733	18M2W7D
30	3465.00 ~ 3534.99	0.4645	27M8G7D	0.3724	27M8W7D
40	3470.01 ~ 3529.98	0.4613	37M8G7D	0.3681	37M9W7D
60	3480.00 ~ 3519.99	0.4266	57M9G7D	0.3483	58M0W7D
80	3490.02 ~ 3510.00	0.4325	77M4G7D	0.3491	77M4W7D
100	3500.01	0.4677	97M6G7D	0.3733	97M7W7D

5G NR n78 SA		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)
20	3460.02 ~ 3540.00	0.4355	18M2G7D	0.3532	18M2W7D
30	3465.00 ~ 3534.99	0.4436	27M8G7D	0.3532	27M8W7D
40	3470.01 ~ 3529.98	0.4457	37M8G7D	0.3606	37M9W7D
50	3475.02 ~ 3525.00	0.4111	47M6G7D	0.3365	47M6W7D
60	3480.00 ~ 3519.99	0.4169	57M9G7D	0.3365	58M0W7D
70	3485.01 ~ 3514.98	0.4140	67M6G7D	0.3342	67M6W7D
80	3490.02 ~ 3510.00	0.4178	77M4G7D	0.3404	77M4W7D
90	3495.00 ~ 3504.99	0.4064	87M5G7D	0.3350	87M7W7D
100	3500.01	0.4467	97M6G7D	0.3565	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 except BW 50MHz/70MHz/90MHz.
2. All modulations have been tested, and only the worst test results of PSK & QAM are shown in the report.

1.7 Testing Site

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

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

1.8 Test Software

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

1.9 Applied Standards

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

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

Remark:

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

2 Test Configuration of Equipment Under Test

2.1 Test Mode

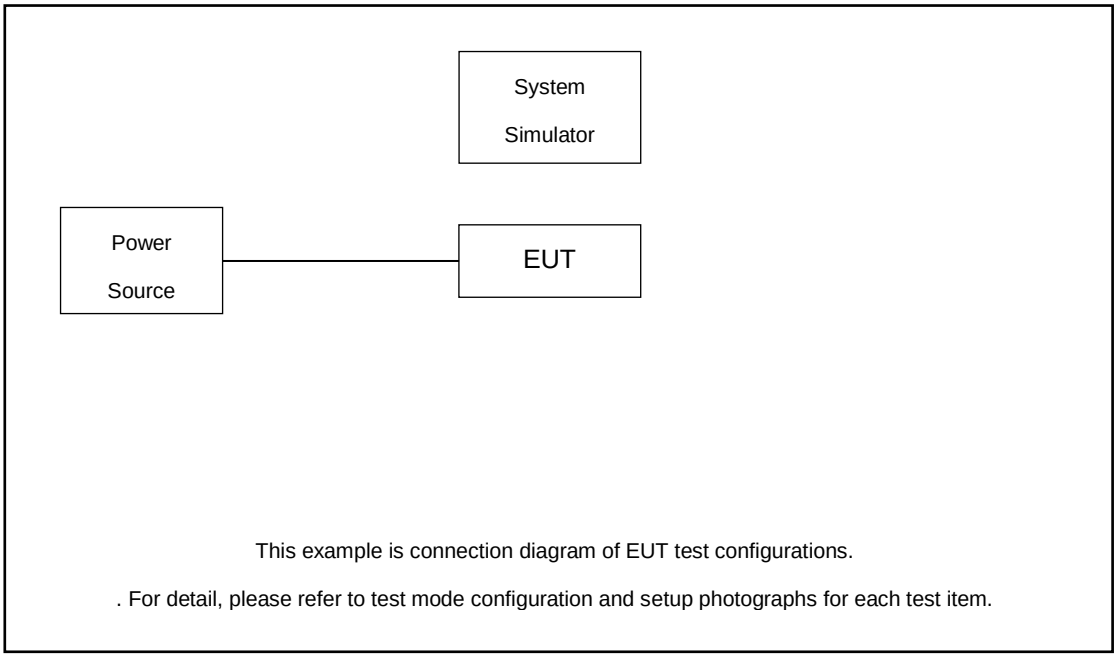
Antenna port conducted and radiated test items listed below are performed according to KDB 971168 D01 Power Meas. License Digital Systems v03r01 with maximum output power.

Radiated measurements are performed by rotating the EUT in three different orthogonal test planes to find the maximum emission.

Test Cases	Band	Bandwidth (MHz)	Modulation	RB #	Test Channel
		eg. 5M, 10M, 15M, 20M	eg. PI/2 BPSK, QPSK, 16QAM, 64QAM, 256QAM	1RB, Partial RB, Full RB	L/M/H
Max. Output Power	5G n77	20M, 30M, 40M, 60M, 80M, 100M	All Modulations	1RB, Full RB	L, M, H
	5G n78	20M, 30M, 40M, 50M, 60M, 70M, 80M, 90M ,100M	All Modulations	1RB, Full RB	L, M, H
Peak-to-Average Ratio	5G n77	20M	PI/2 BPSK, QPSK	Full RB	M
E.I.R.P	5G n77	20M, 30M, 40M, 60M, 80M, 100M	All Modulations	1RB, Full RB	L, M, H
	5G n78	20M, 30M, 40M, 50M, 60M, 70M, 80M, 90M ,100M	All Modulations	1RB, Full RB	L, M, H
26dB and 99% Bandwidth	5G n77	20M, 30M, 40M, 60M, 80M, 100M	QPSK, 16QAM, 64QAM, 256QAM	Full RB	L, M, H
	5G n78	50M, 70M, 90M	QPSK, 16QAM, 64QAM, 256QAM	Full RB	L, M, H
Conducted Band Edge	5G n77	20M, 40M, 100M	PI/2 BPSK, QPSK	1RB, Full RB	L, H
	5G n78	50M, 70M, 90M	PI/2 BPSK, QPSK	1RB, Full RB	L, H
Conducted Spurious Emission	5G n77	20M, 40M, 100M	PI/2 BPSK, QPSK	1RB	L, M, H
	5G n78	50M, 70M, 90M	PI/2 BPSK, QPSK	1RB	L, M, H
Frequency Stability	5G n77	20M	QPSK	Full RB	M
Radiated Spurious Emission	5G n77	Worst case from maximum power			M
	5G n78	Worst case from maximum power			M

Note:
1. 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.
2. Frequency Stability: Normal Voltage = 5.0V ; Low Voltage =4.75V.; High Voltage =5.25V.

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

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

Offset = RF cable loss + attenuator factor.

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

Example :

Offset(dB) = RF cable loss(dB) + attenuator factor(dB).

= 8.9 (dB)

2.5 Frequency List of Low/Middle/High Channels

5G n77/n78 Channel and Frequency List				
BW [MHz]	**Channel/Frequency(MHz)**	**Lowest**	**Middle**	**Highest**
100	Channel	-	633334	-
	Frequency	-	3500.01	-
90	Channel	633000	633334	633666
	Frequency	3495	3500.01	3504.99
80	Channel	632668	633334	634000
	Frequency	3490.02	3500.01	3510
70	Channel	632334	633334	634332
	Frequency	3485.01	3500.01	3514.98
60	Channel	632000	633334	634666
	Frequency	3480	3500.01	3519.99
50	Channel	631668	633334	635000
	Frequency	3475.02	3500.01	3525
40	Channel	631334	633334	635332
	Frequency	3470.01	3500.01	3529.98
30	Channel	631000	633334	635666
	Frequency	3465	3500.01	3534.99
20	Channel	630668	633334	636000
	Frequency	3460.02	3500.01	3540

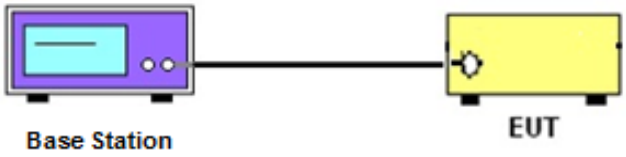
3 Conducted Test Items

3.1 Measuring Instruments

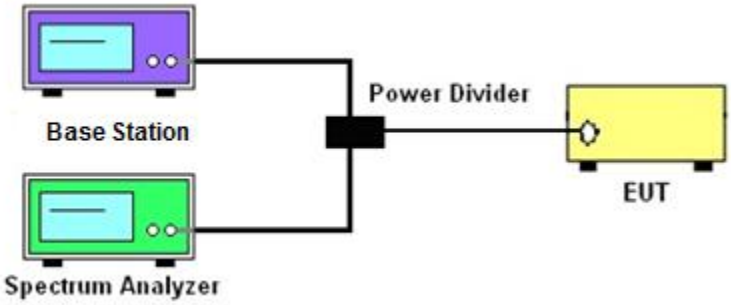
See list of measuring instruments of this test report.

3.2 Test Setup

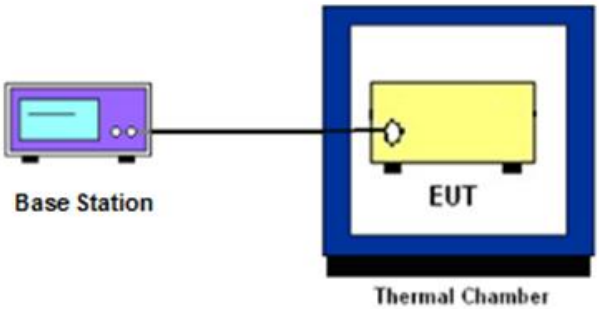
3.2.1 Conducted Output Power



3.2.2 Peak-to-Average Ratio, Occupied / 26dB Bandwidth, 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 Measurement

3.4.1 Description of the Conducted Output Power Measurement

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

3.4.2 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 EIRP

3.6.1 Description of EIRP Limit

§ 27.50 (k)(3)

Mobile devices are limited to 1Watt (30 dBm) EIRP. Mobile devices operating in these bands must employ a means for limiting power to the minimum necessary for successful communications

3.6.2 Test Procedures

1. According to KDB 412172 D01 Power Approach,
2. 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

3.7 Occupied Bandwidth

3.7.1 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.

3.7.2 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.

3.8 Conducted Band Edge Measurement

3.8.1 Description of Conducted Band Edge Measurement

§ 27.53 (n)(2)

For mobile operations in the 3450-3550 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, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed, but limited to a maximum of 200 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.

3.8.2 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 band edges of low and high channels for the highest RF powers were measured.
4. Set RBW ≥ 1% EBW but limited to a maximum of 200 kHz in the 1MHz band immediately outside and adjacent to the band edge.
5. Beyond the 1 MHz and 5 MHz removed from the band edge, set RBW ≥ 500KHz.
6. Beyond the 5 MHz removed from the band edge, set RBW = 1MHz.
7. Set spectrum analyzer with RMS detector.
8. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
9. Checked that all the results comply with the emission limit line.

3.9 Conducted Spurious Emission Measurement

3.9.1 Description of Conducted Spurious Emission Measurement

The power of any emission outside of the authorized operating frequency ranges shall not exceed −13 dBm/MHz.

It is measured by means of a calibrated spectrum analyzer and scanned from 9 kHz up to a frequency including its 10th harmonic.

3.9.2 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. Checked that all the results comply with the emission limit line.

3.10 Frequency Stability Measurement

3.10.1 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.

3.10.2 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.

3.10.3 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.

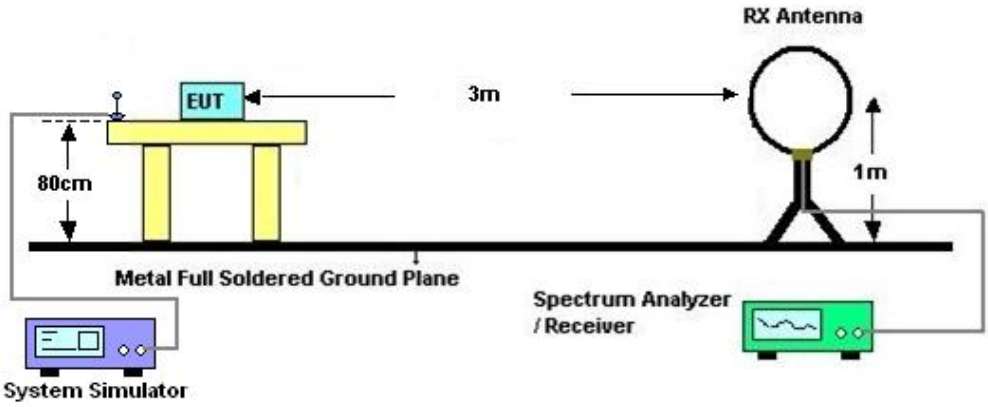
4 Radiated Test Items

4.1 Measuring Instruments

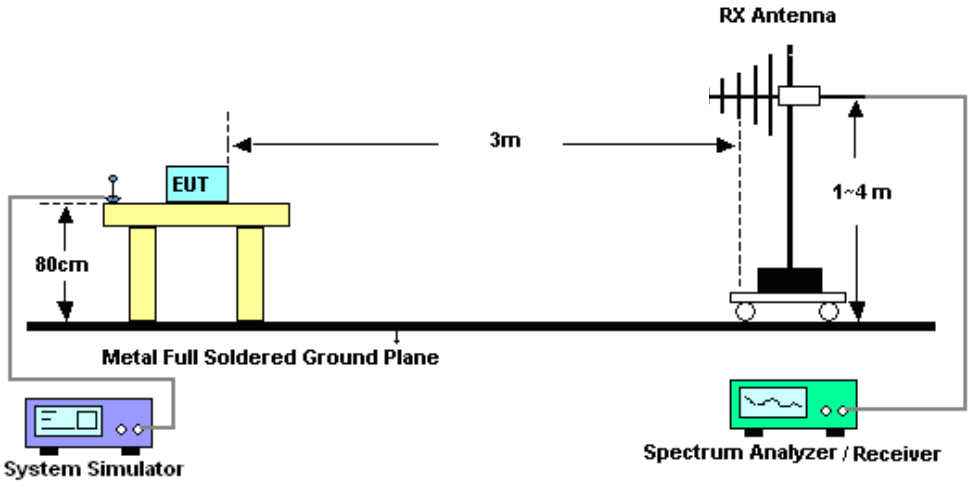
See list of measuring instruments of this test report.

4.2 Test Setup

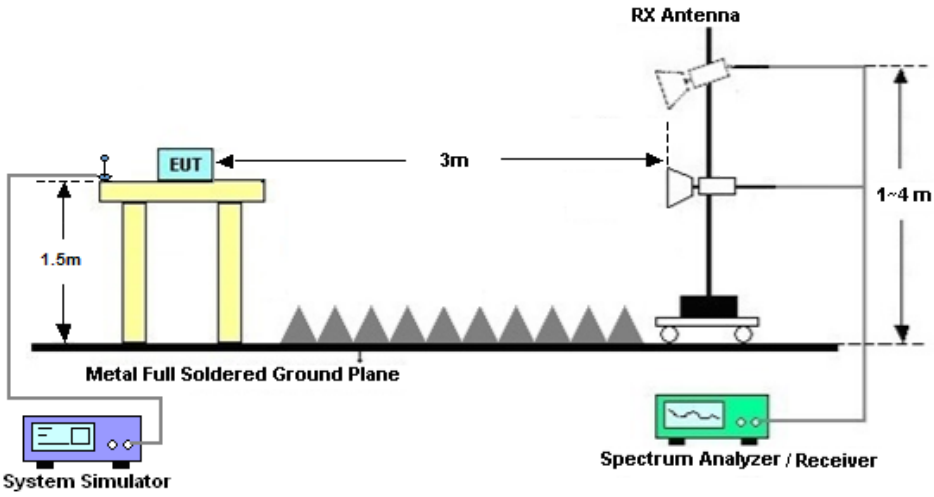
4.2.1 For radiated test below 30MHz



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 Measurement

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 shall not exceed −13 dBm/MHz.

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.
   EIRP (dBm) = S.G. Power – Tx Cable Loss + Tx Antenna Gain
   ERP (dBm) = EIRP - 2.15
10. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

5 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Spectrum Analyzer	R&S	FSV40	101078	10Hz~40GHz	Apr. 02, 2025	Mar. 19, 2026	Apr. 01, 2026	Conducted (TH01-SZ)
DC Power Supply	TTI	PL330P	290070	Max 32V，3A	Oct.13, 2025	Mar. 19, 2026	Oct. 12, 2026	Conducted (TH01-SZ)
Power Divider	TOJOIN	PS-2SM-04 265	60.06.020.0077	0.4GHz~26.5GHz	Dec. 24, 2025	Mar. 19, 2026	Dec. 23, 2026	Conducted (TH01-SZ)
Thermal Chamber	Ten Billion Hongzhangroup	LP-150U	H2014081803	-40~+150°C	Jul. 02, 2025	Mar. 19, 2026	Jul. 01, 2026	Conducted (TH01-SZ)
EXA Spectrum Analyzer	KEYSIGHT	N9010A	MY55150213	10Hz~44GHz	Jul. 03, 2025	Mar. 12, 2026	Jul. 02, 2026	Radiation (03CH02-SZ)
Loop Antenna	R&S	HFH2-Z2E	101141	9kHz~30MHz	Dec. 25, 2025	Mar. 12, 2026	Dec. 24, 2026	Radiation (03CH02-SZ)
Bilog Antenna	TeseQ	CBL6112D	35407	30MHz-2GHz	Dec. 23, 2025	Mar. 12, 2026	Dec. 22, 2027	Radiation (03CH02-SZ)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00119436	1GHz~18GHz	Jul. 04, 2025	Mar. 12, 2026	Jul. 04, 2026	Radiation (03CH02-SZ)
HF Amplifier	MITEQ	TTA1840-35 -HG	1871923	18GHz~40GHz	Jul. 03, 2025	Mar. 12, 2026	Jul. 03, 2026	Radiation (03CH02-SZ)
SHF-EHF Horn	com-power	AH-840	101071	18Ghz-40GHz	Apr. 03, 2025	Mar. 12, 2026	Apr. 02, 2027	Radiation (03CH02-SZ)
LF Amplifier	EM Electronics	EM330	060788	20MHz-3GHz	Dec. 25, 2025	Mar. 12, 2026	Dec. 24, 2026	Radiation (03CH02-SZ)
HF Amplifier	KEYSIGHT	83017A	MY53270105	0.5GHz~26.5Ghz	Oct. 13, 2025	Mar. 12, 2026	Oct. 12, 2026	Radiation (03CH02-SZ)
AC Power Source	Chroma	61601	616010003043	N/A	Oct. 13, 2025	Mar. 12, 2026	Oct. 12, 2026	Radiation (03CH02-SZ)
Turn Table	Chaintek	T-200	N/A	0~360 degree	NCR	Mar. 12, 2026	NCR	Radiation (03CH02-SZ)
Antenna Mast	Chaintek	MBS-400	N/A	1 m~4 m	NCR	Mar. 12, 2026	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

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

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

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

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

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

Appendix A. Test Results of Conducted Test

Test Engineer :	Nina Cheng	**Temperature :**	24~26℃
		Relative Humidity :	50~53%

Software Version: 23.06.1602

FR1 N77_ANT2

Transmitter Conducted Output Power And EIRP, (G_T - L_C)=1.35 dB

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
77	30	20	630668	3460.02	DFT-s-OFDM QPSK	25@12	25.16	26.51	0.4477
77	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@1	25.16	26.51	0.4477
77	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@49	25.31	26.66	0.4634
77	30	20	630668	3460.02	DFT-s-OFDM 16 QAM	25@12	24.2	25.55	0.3589
77	30	20	630668	3460.02	DFT-s-OFDM 16 QAM	1@1	24.14	25.49	0.3540
77	30	20	630668	3460.02	DFT-s-OFDM 16 QAM	1@49	24.29	25.64	0.3664
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	25@12	25.22	26.57	0.4539
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.13	26.48	0.4446
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	1@49	25.22	26.57	0.4539
77	30	20	633334	3500.01	DFT-s-OFDM 16 QAM	25@12	24.19	25.54	0.3581
77	30	20	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.29	25.64	0.3664
77	30	20	633334	3500.01	DFT-s-OFDM 16 QAM	1@49	24.2	25.55	0.3589
77	30	20	636000	3540	DFT-s-OFDM QPSK	25@12	25.18	26.53	0.4498
77	30	20	636000	3540	DFT-s-OFDM QPSK	1@1	25.25	26.6	0.4571
77	30	20	636000	3540	DFT-s-OFDM QPSK	1@49	25.31	26.66	0.4634
77	30	20	636000	3540	DFT-s-OFDM 16 QAM	25@12	24.25	25.6	0.3631
77	30	20	636000	3540	DFT-s-OFDM 16 QAM	1@1	24.37	25.72	0.3733
77	30	20	636000	3540	DFT-s-OFDM 16 QAM	1@49	24.36	25.71	0.3724
77	30	30	631000	3465	DFT-s-OFDM QPSK	36@18	25.16	26.51	0.4477
77	30	30	631000	3465	DFT-s-OFDM QPSK	1@1	25.14	26.49	0.4457
77	30	30	631000	3465	DFT-s-OFDM QPSK	1@76	25.05	26.4	0.4365
77	30	30	631000	3465	DFT-s-OFDM 16 QAM	36@18	24.23	25.58	0.3614
77	30	30	631000	3465	DFT-s-OFDM 16 QAM	1@1	24.34	25.69	0.3707
77	30	30	631000	3465	DFT-s-OFDM 16 QAM	1@76	24.09	25.44	0.3499
77	30	30	633334	3500.01	DFT-s-OFDM QPSK	36@18	25.19	26.54	0.4508
77	30	30	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.27	26.62	0.4592
77	30	30	633334	3500.01	DFT-s-OFDM QPSK	1@76	25	26.35	0.4315
77	30	30	633334	3500.01	DFT-s-OFDM 16 QAM	36@18	24.22	25.57	0.3606
77	30	30	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.32	25.67	0.3690
77	30	30	633334	3500.01	DFT-s-OFDM 16 QAM	1@76	24.17	25.52	0.3565
77	30	30	635666	3534.99	DFT-s-OFDM QPSK	36@18	25.25	26.6	0.4571
77	30	30	635666	3534.99	DFT-s-OFDM QPSK	1@1	25.32	26.67	0.4645
77	30	30	635666	3534.99	DFT-s-OFDM QPSK	1@76	25.12	26.47	0.4436
77	30	30	635666	3534.99	DFT-s-OFDM 16 QAM	36@18	24.24	25.59	0.3622

77	30	30	635666	3534.99	DFT-s-OFDM 16 QAM	1@1	24.36	25.71	0.3724
77	30	30	635666	3534.99	DFT-s-OFDM 16 QAM	1@76	24.24	25.59	0.3622
77	30	40	631334	3470.01	DFT-s-OFDM QPSK	50@25	25.23	26.58	0.4550
77	30	40	631334	3470.01	DFT-s-OFDM QPSK	1@1	25.06	26.41	0.4375
77	30	40	631334	3470.01	DFT-s-OFDM QPSK	1@104	25.01	26.36	0.4325
77	30	40	631334	3470.01	DFT-s-OFDM 16 QAM	50@25	24.17	25.52	0.3565
77	30	40	631334	3470.01	DFT-s-OFDM 16 QAM	1@1	24.16	25.51	0.3556
77	30	40	631334	3470.01	DFT-s-OFDM 16 QAM	1@104	24.05	25.4	0.3467
77	30	40	633334	3500.01	DFT-s-OFDM QPSK	50@25	25.18	26.53	0.4498
77	30	40	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.21	26.56	0.4529
77	30	40	633334	3500.01	DFT-s-OFDM QPSK	1@104	24.96	26.31	0.4276
77	30	40	633334	3500.01	DFT-s-OFDM 16 QAM	50@25	24.23	25.58	0.3614
77	30	40	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.2	25.55	0.3589
77	30	40	633334	3500.01	DFT-s-OFDM 16 QAM	1@104	24.06	25.41	0.3475
77	30	40	635332	3529.98	DFT-s-OFDM QPSK	50@25	25.29	26.64	0.4613
77	30	40	635332	3529.98	DFT-s-OFDM QPSK	1@1	25.26	26.61	0.4581
77	30	40	635332	3529.98	DFT-s-OFDM QPSK	1@104	24.96	26.31	0.4276
77	30	40	635332	3529.98	DFT-s-OFDM 16 QAM	50@25	24.31	25.66	0.3681
77	30	40	635332	3529.98	DFT-s-OFDM 16 QAM	1@1	24.26	25.61	0.3639
77	30	40	635332	3529.98	DFT-s-OFDM 16 QAM	1@104	24.14	25.49	0.3540
77	30	60	632000	3480	DFT-s-OFDM QPSK	81@40	24.95	26.3	0.4266
77	30	60	632000	3480	DFT-s-OFDM QPSK	1@1	24.85	26.2	0.4169
77	30	60	632000	3480	DFT-s-OFDM QPSK	1@160	24.95	26.3	0.4266
77	30	60	632000	3480	DFT-s-OFDM 16 QAM	81@40	24.01	25.36	0.3436
77	30	60	632000	3480	DFT-s-OFDM 16 QAM	1@1	23.94	25.29	0.3381
77	30	60	632000	3480	DFT-s-OFDM 16 QAM	1@160	23.96	25.31	0.3396
77	30	60	633334	3500.01	DFT-s-OFDM QPSK	81@40	24.85	26.2	0.4169
77	30	60	633334	3500.01	DFT-s-OFDM QPSK	1@1	24.92	26.27	0.4236
77	30	60	633334	3500.01	DFT-s-OFDM QPSK	1@160	24.78	26.13	0.4102
77	30	60	633334	3500.01	DFT-s-OFDM 16 QAM	81@40	23.94	25.29	0.3381
77	30	60	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.01	25.36	0.3436
77	30	60	633334	3500.01	DFT-s-OFDM 16 QAM	1@160	23.93	25.28	0.3373
77	30	60	634666	3519.99	DFT-s-OFDM QPSK	81@40	24.81	26.16	0.4130
77	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@1	24.92	26.27	0.4236
77	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@160	24.78	26.13	0.4102
77	30	60	634666	3519.99	DFT-s-OFDM 16 QAM	81@40	23.93	25.28	0.3373
77	30	60	634666	3519.99	DFT-s-OFDM 16 QAM	1@1	23.95	25.3	0.3388
77	30	60	634666	3519.99	DFT-s-OFDM 16 QAM	1@160	24.07	25.42	0.3483
77	30	80	632668	3490.02	DFT-s-OFDM QPSK	108@54	24.89	26.24	0.4207
77	30	80	632668	3490.02	DFT-s-OFDM QPSK	1@1	24.84	26.19	0.4159

77	30	80	632668	3490.02	DFT-s-OFDM QPSK	1@215	24.92	26.27	0.4236
77	30	80	632668	3490.02	DFT-s-OFDM 16 QAM	108@54	23.96	25.31	0.3396
77	30	80	632668	3490.02	DFT-s-OFDM 16 QAM	1@1	23.92	25.27	0.3365
77	30	80	632668	3490.02	DFT-s-OFDM 16 QAM	1@215	23.96	25.31	0.3396
77	30	80	633334	3500.01	DFT-s-OFDM QPSK	108@54	24.86	26.21	0.4178
77	30	80	633334	3500.01	DFT-s-OFDM QPSK	1@1	24.77	26.12	0.4093
77	30	80	633334	3500.01	DFT-s-OFDM QPSK	1@215	24.83	26.18	0.4150
77	30	80	633334	3500.01	DFT-s-OFDM 16 QAM	108@54	23.96	25.31	0.3396
77	30	80	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	23.93	25.28	0.3373
77	30	80	633334	3500.01	DFT-s-OFDM 16 QAM	1@215	23.95	25.3	0.3388
77	30	80	634000	3510	DFT-s-OFDM QPSK	108@54	24.77	26.12	0.4093
77	30	80	634000	3510	DFT-s-OFDM QPSK	1@1	25.01	26.36	0.4325
77	30	80	634000	3510	DFT-s-OFDM QPSK	1@215	24.91	26.26	0.4227
77	30	80	634000	3510	DFT-s-OFDM 16 QAM	108@54	23.81	25.16	0.3281
77	30	80	634000	3510	DFT-s-OFDM 16 QAM	1@1	24.08	25.43	0.3491
77	30	80	634000	3510	DFT-s-OFDM 16 QAM	1@215	23.91	25.26	0.3357
77	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	135@67	25.28	26.63	0.4603
77	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	25.21	26.56	0.4529
77	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@271	25.18	26.53	0.4498
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	135@67	25.23	26.58	0.4550
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.35	26.7	0.4677
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@271	25.22	26.57	0.4539
77	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	135@67	24.32	25.67	0.3690
77	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.37	25.72	0.3733
77	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@271	24.21	25.56	0.3597
77	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	135@67	22.81	24.16	0.2606
77	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	22.85	24.2	0.2630
77	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@271	22.73	24.08	0.2559
77	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	135@67	20.84	22.19	0.1656
77	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	20.67	22.02	0.1592
77	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@271	20.62	21.97	0.1574
77	30	100	633334	3500.01	CP-OFDM QPSK	137@68	23.78	25.13	0.3258
77	30	100	633334	3500.01	CP-OFDM QPSK	1@1	23.78	25.13	0.3258
77	30	100	633334	3500.01	CP-OFDM QPSK	1@271	23.73	25.08	0.3221

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (Hz)	Verdict	Environment
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	18.2	**PASS**	NV
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	7	**PASS**	LV
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	12.8	**PASS**	HV
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	15.4	**PASS**	-30℃
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	18.3	**PASS**	-20℃
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	17.7	**PASS**	-10℃
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	18.7	**PASS**	0℃
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	15.6	**PASS**	10℃
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	17.6	**PASS**	20℃
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	15.6	**PASS**	30℃
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	16.5	**PASS**	40℃
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	14.6	**PASS**	50℃

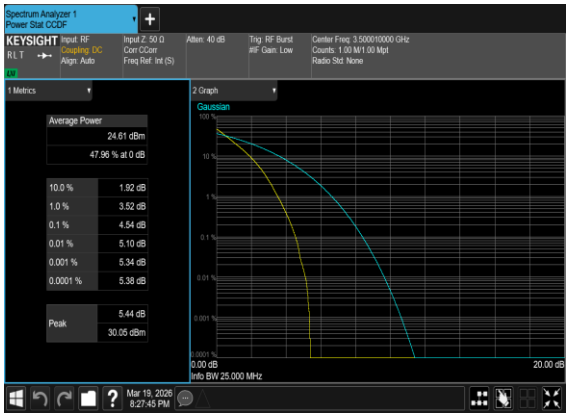
|MAX(△f)| =18.7 Hz

Frequency Stability	Frequency (MHz)	Limit Line	Result
f_L – |MAX(△f)|	3450.867481	≧ 3450 MHz	PASS
f_H + |MAX(△f)|	3549.113819	≦ 3550 MHz	

Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
77	30	20	633334	3500.01	DFT-s-OFDM PI/2 BPSK	50@0	4.54	13	**PASS**
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	50@0	5.79	13	**PASS**

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

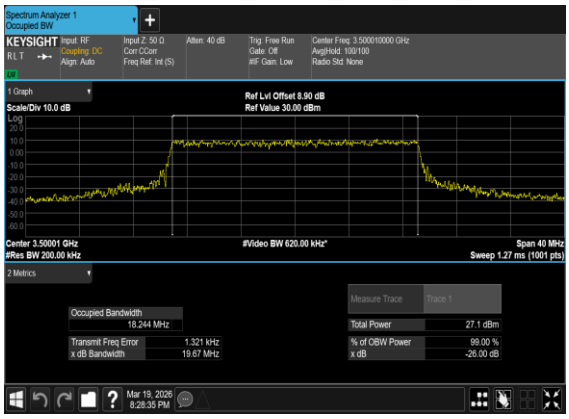


N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

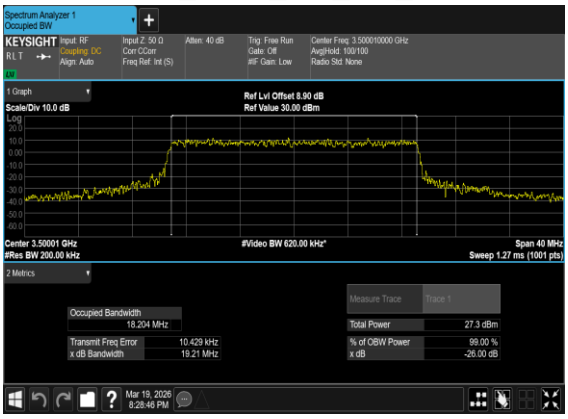
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	18.244	19.67
77	30	20	633334	3500.01	CP-OFDM 16 QAM	51@0	18.204	19.21
77	30	20	633334	3500.01	CP-OFDM 64 QAM	51@0	18.213	19.31
77	30	20	633334	3500.01	CP-OFDM 256 QAM	51@0	18.197	19.31
77	30	30	633334	3500.01	CP-OFDM QPSK	78@0	27.847	28.96
77	30	30	633334	3500.01	CP-OFDM 16 QAM	78@0	27.8	29.44
77	30	30	633334	3500.01	CP-OFDM 64 QAM	78@0	27.841	29.09
77	30	30	633334	3500.01	CP-OFDM 256 QAM	78@0	27.842	28.99
77	30	40	633334	3500.01	CP-OFDM QPSK	106@0	37.839	39.31
77	30	40	633334	3500.01	CP-OFDM 16 QAM	106@0	37.819	39.19
77	30	40	633334	3500.01	CP-OFDM 64 QAM	106@0	37.916	39.49
77	30	40	633334	3500.01	CP-OFDM 256 QAM	106@0	37.883	39.54
77	30	60	633334	3500.01	CP-OFDM QPSK	162@0	57.933	59.77
77	30	60	633334	3500.01	CP-OFDM 16 QAM	162@0	57.862	59.89
77	30	60	633334	3500.01	CP-OFDM 64 QAM	162@0	58.024	59.9
77	30	60	633334	3500.01	CP-OFDM 256 QAM	162@0	57.882	59.75
77	30	80	633334	3500.01	CP-OFDM QPSK	217@0	77.424	80.04
77	30	80	633334	3500.01	CP-OFDM 16 QAM	217@0	77.425	79.92
77	30	80	633334	3500.01	CP-OFDM 64 QAM	217@0	77.341	79.95
77	30	80	633334	3500.01	CP-OFDM 256 QAM	217@0	77.433	79.96
77	30	100	633334	3500.01	CP-OFDM QPSK	273@0	97.597	100.6
77	30	100	633334	3500.01	CP-OFDM 16 QAM	273@0	97.447	100.6
77	30	100	633334	3500.01	CP-OFDM 64 QAM	273@0	97.214	100.5
77	30	100	633334	3500.01	CP-OFDM 256 QAM	273@0	97.724	100.5

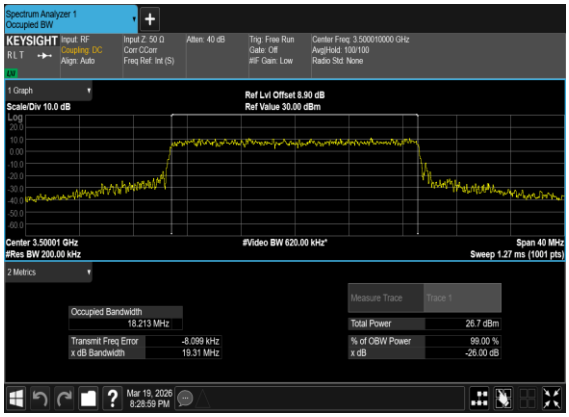
N77(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



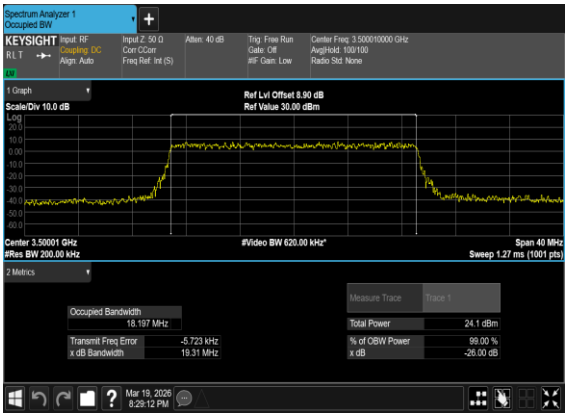
N77(20M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



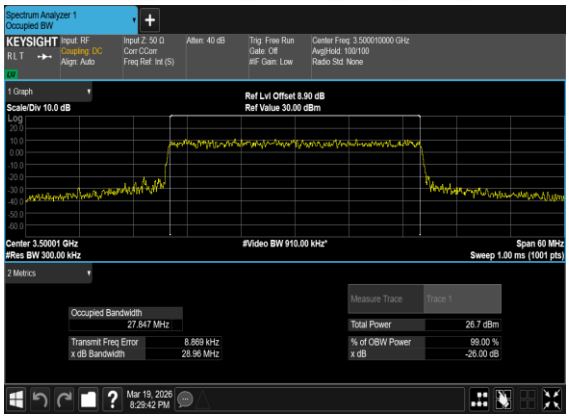
N77(20M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N77(20M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



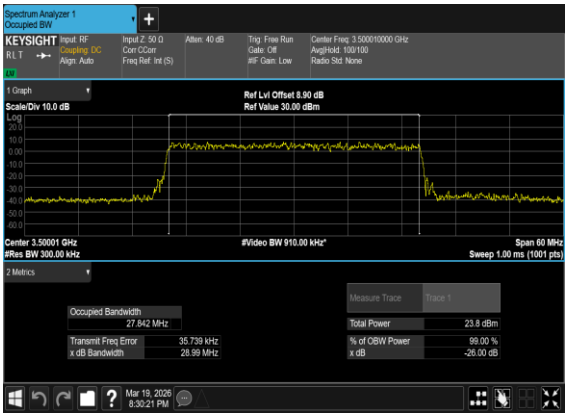
N77(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



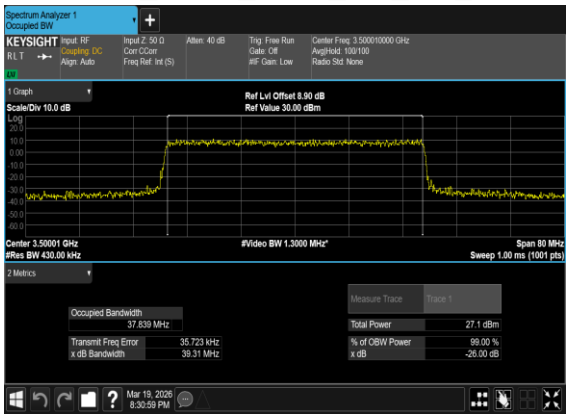
N77(30M)_CP-OFDM_16QAM_Outer_Full_Mid_CH

N77(30M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

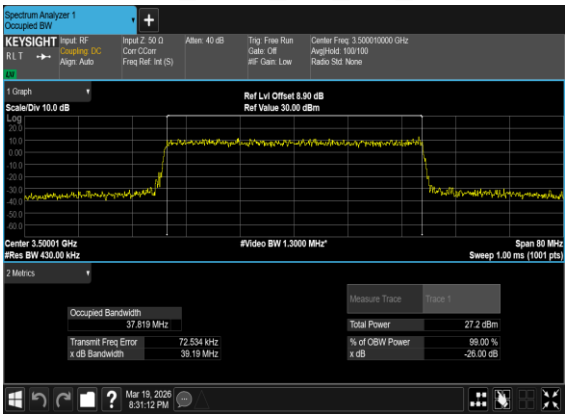
N77(30M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



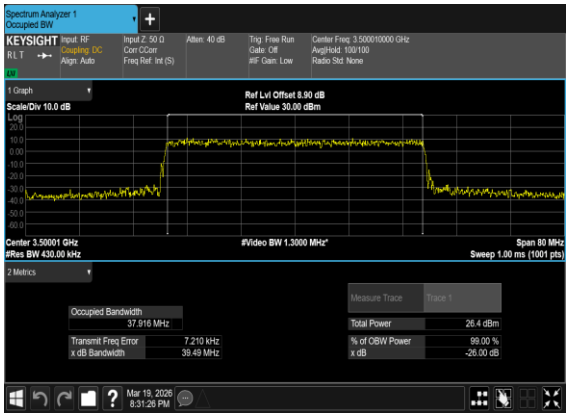
N77(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



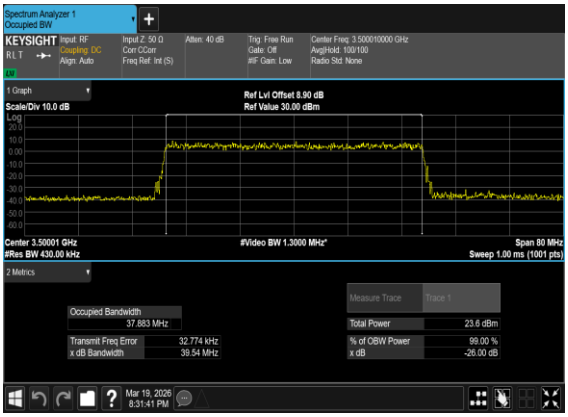
N77(40M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



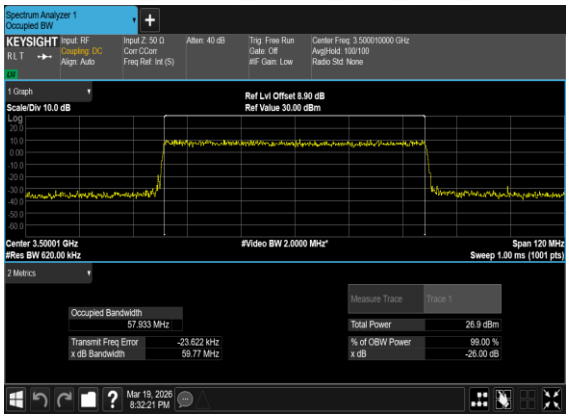
N77(40M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



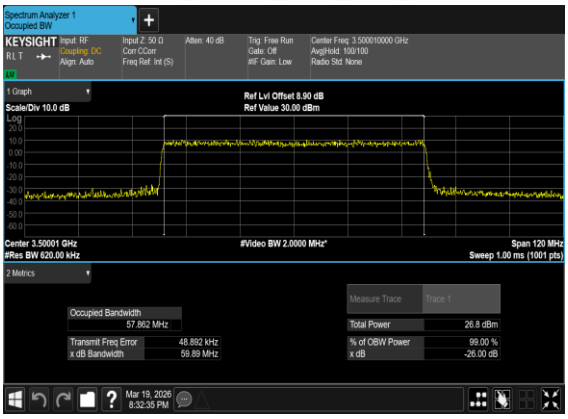
N77(40M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



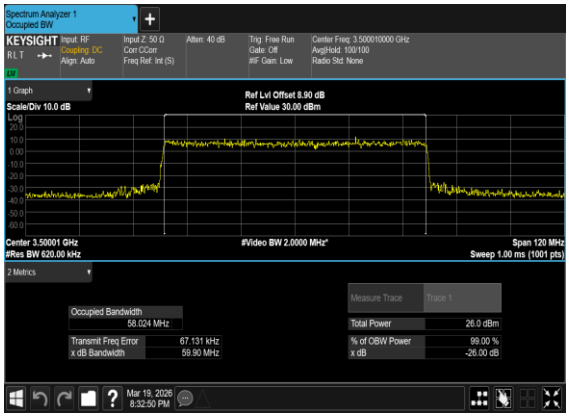
N77(60M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



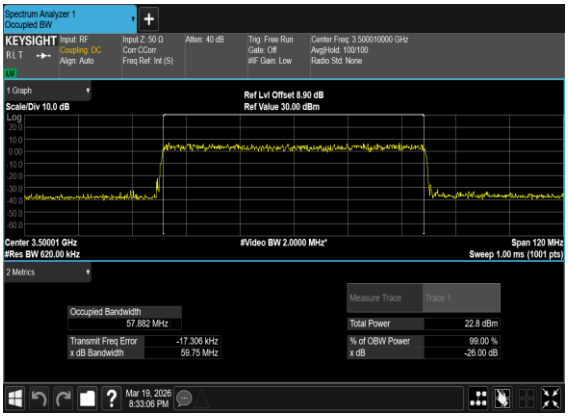
N77(60M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N77(60M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

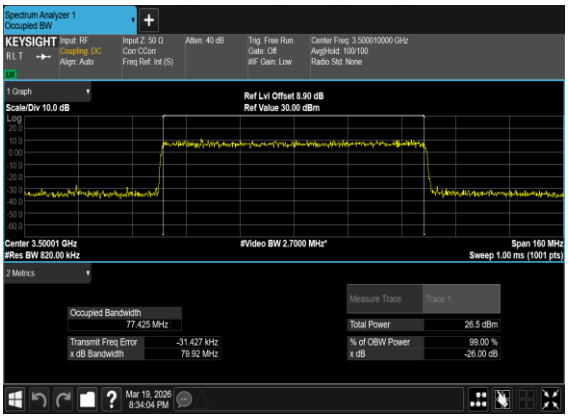


N77(60M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

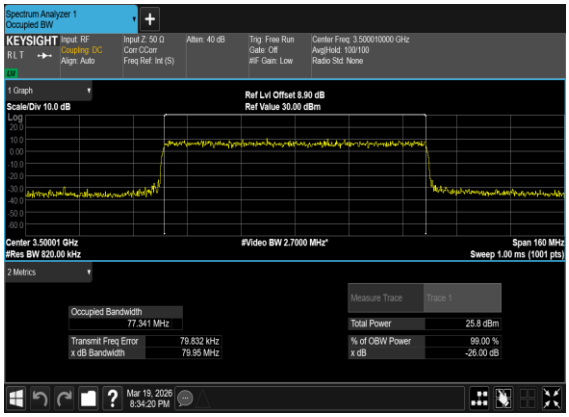


N77(80M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

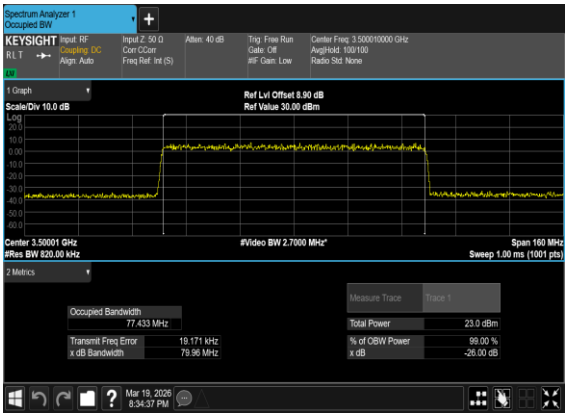
N77(80M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



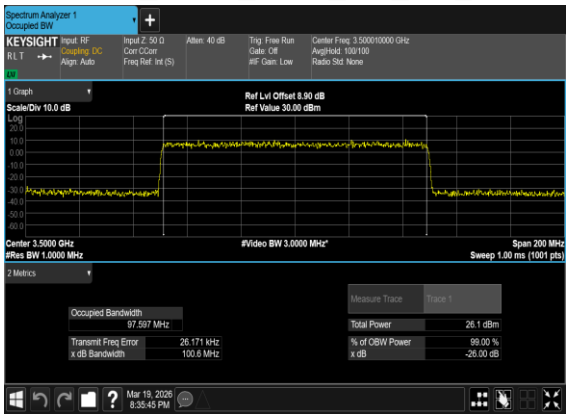
N77(80M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N77(80M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



N77(100M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



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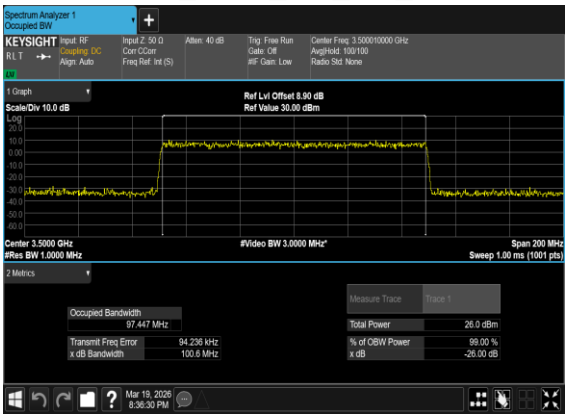
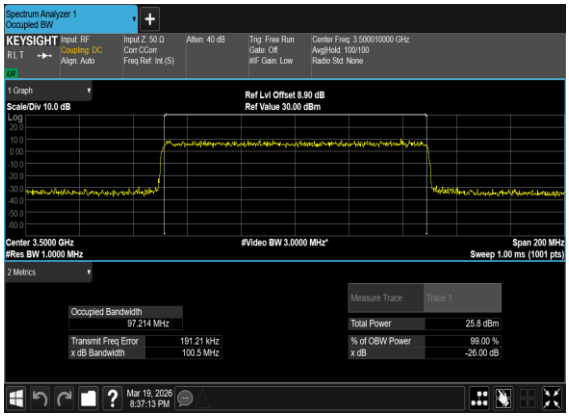
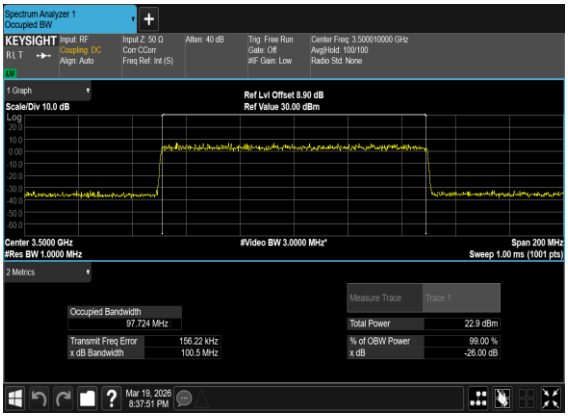


N77(100M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N77(100M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

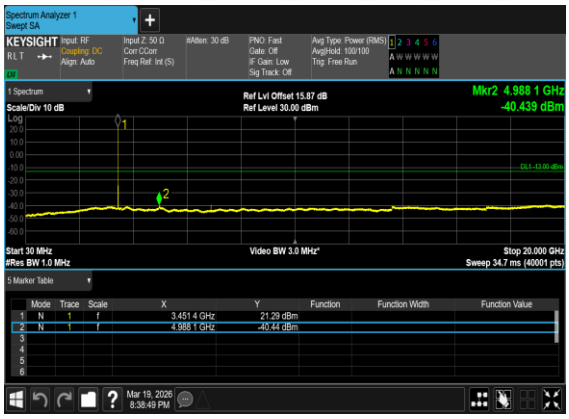


Conducted Spurious Emissions

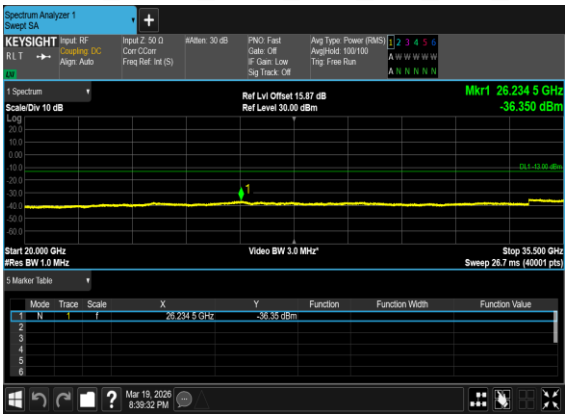
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	20	630668	3460.02	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	20	630668	3460.02	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	30	20	630668	3460.02	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
77	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
77	30	20	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	20	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	30	20	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
77	30	20	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
77	30	20	636000	3540.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	20	636000	3540.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	30	20	636000	3540.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	30	20	636000	3540.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	20	636000	3540.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
77	30	20	636000	3540.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
77	30	40	631334	3470.01	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	40	631334	3470.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**

77	30	40	631334	3470.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	30	40	631334	3470.01	DFT-s-OFDM QPSK	1@0	see graph	**---**
77	30	40	631334	3470.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
77	30	40	631334	3470.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
77	30	40	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	**---**
77	30	40	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	30	40	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	30	40	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	**---**
77	30	40	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
77	30	40	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
77	30	40	635332	3529.98	DFT-s-OFDM BPSK	1@0	see graph	**---**
77	30	40	635332	3529.98	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	30	40	635332	3529.98	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	30	40	635332	3529.98	DFT-s-OFDM QPSK	1@0	see graph	**---**
77	30	40	635332	3529.98	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
77	30	40	635332	3529.98	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
77	30	100	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	**---**
77	30	100	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	30	100	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	**---**
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**

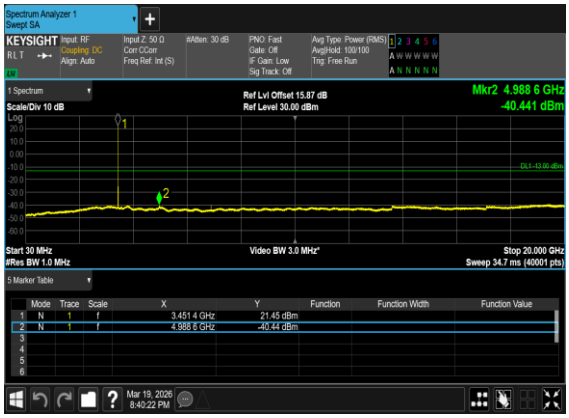
N77(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



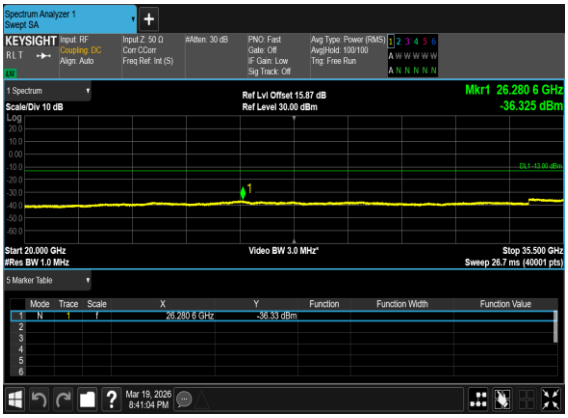
N77(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



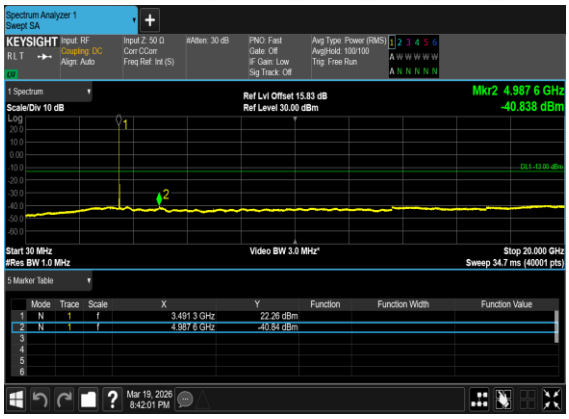
N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

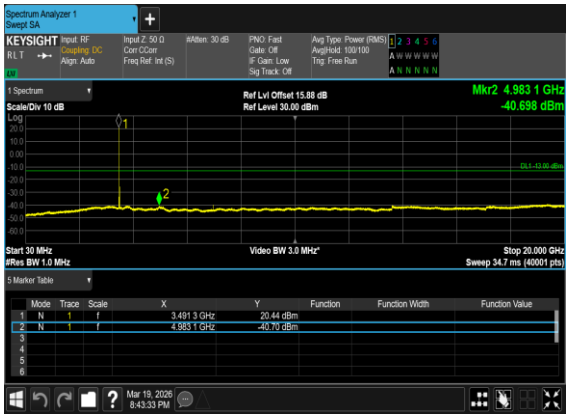


N77(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH

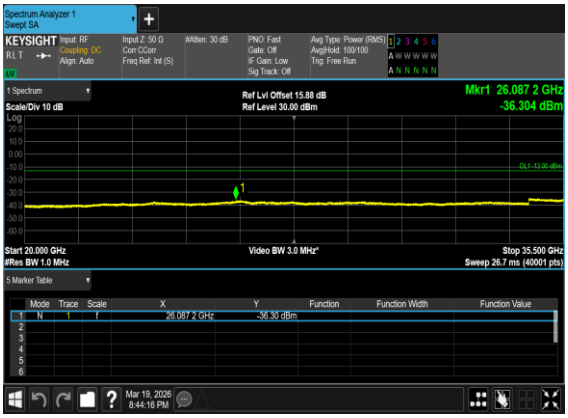


N77(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH

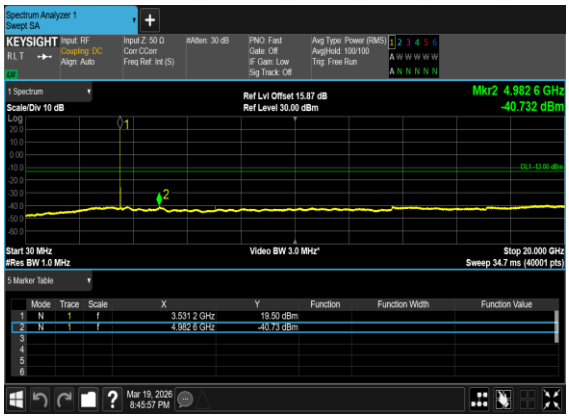
N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



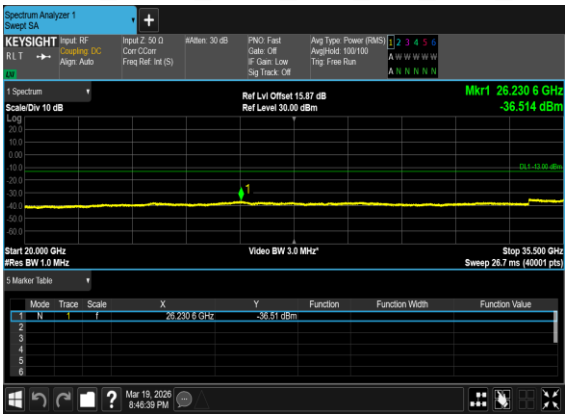
N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



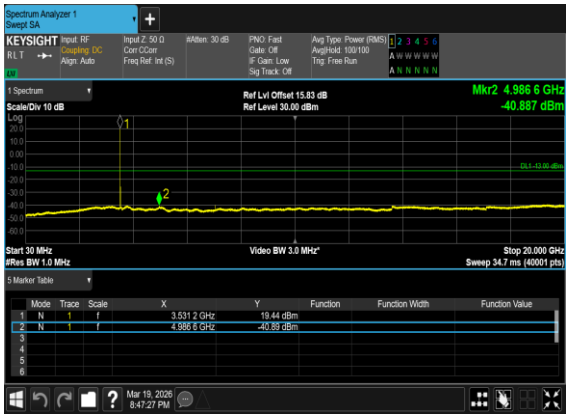
N77(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



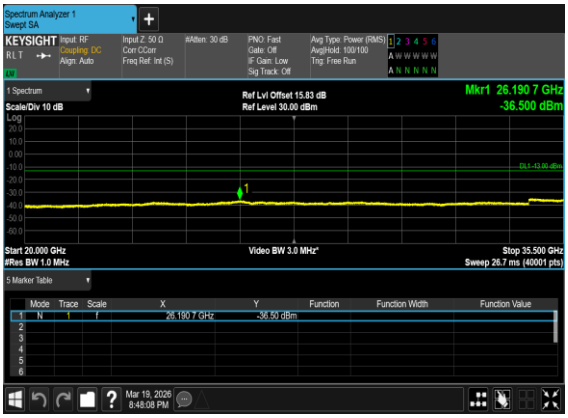
N77(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



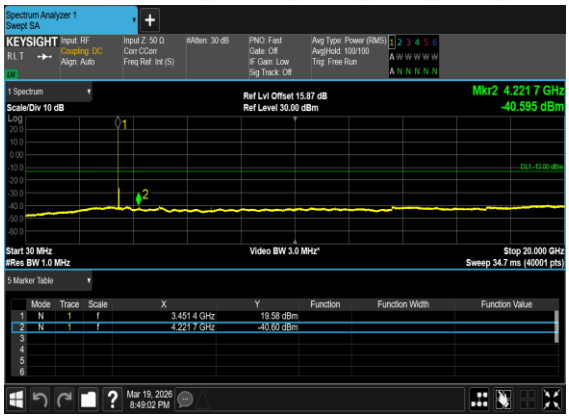
N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



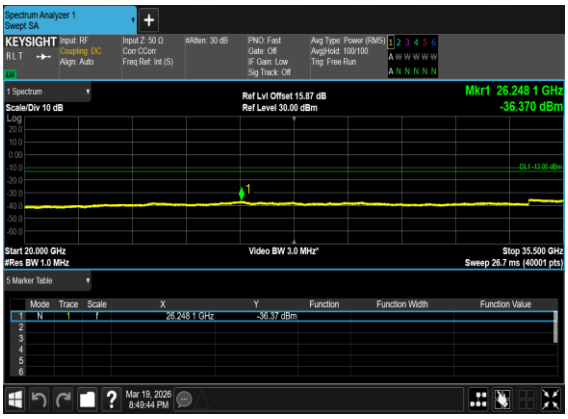
N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



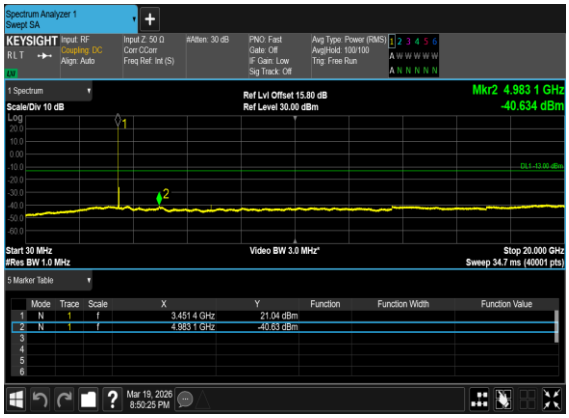
N77(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



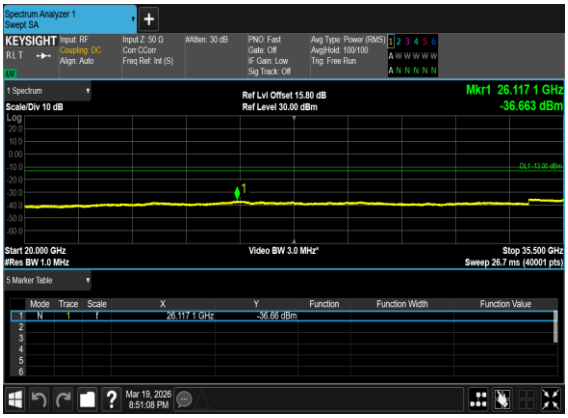
N77(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



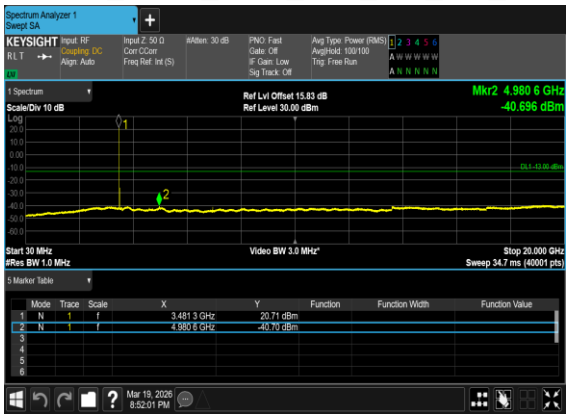
N77(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

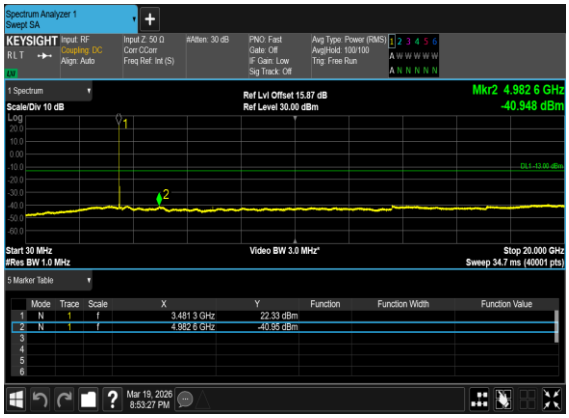


N77(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH

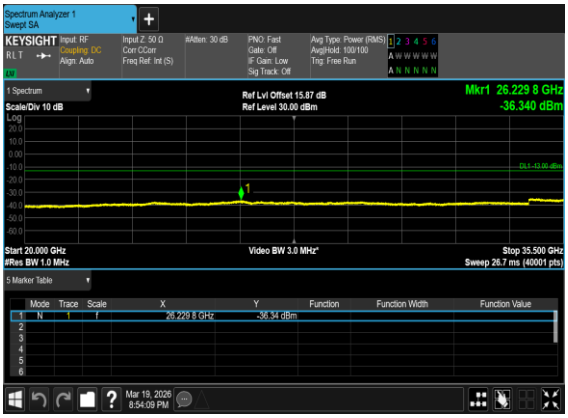


N77(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH

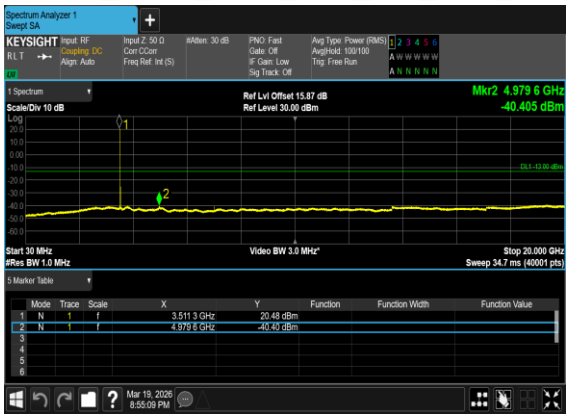
N77(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



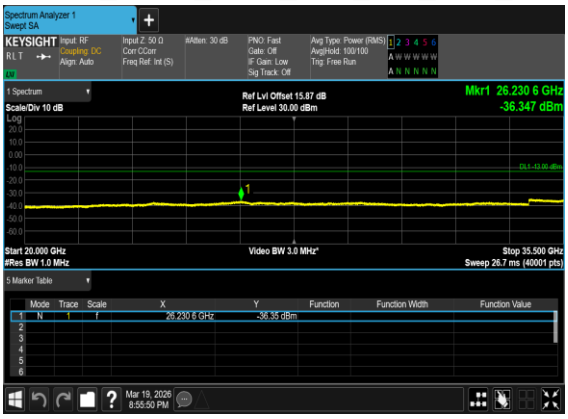
N77(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



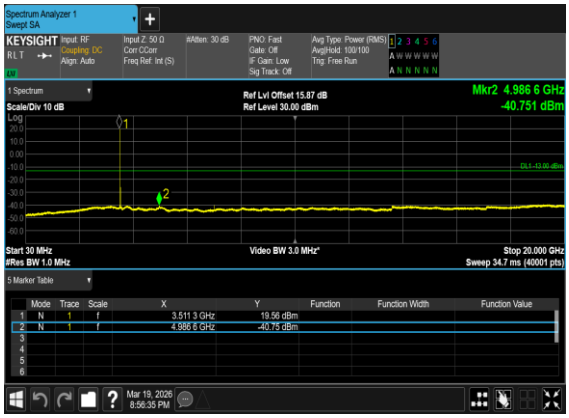
N77(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



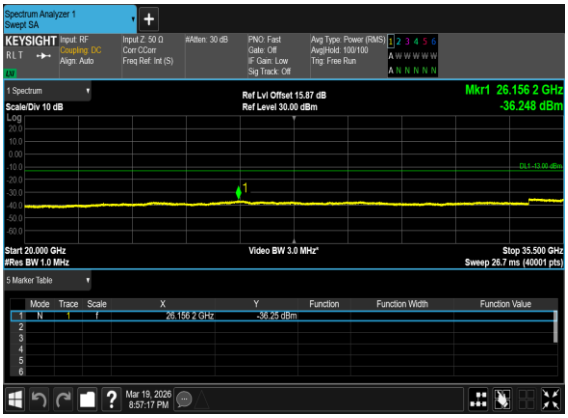
N77(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



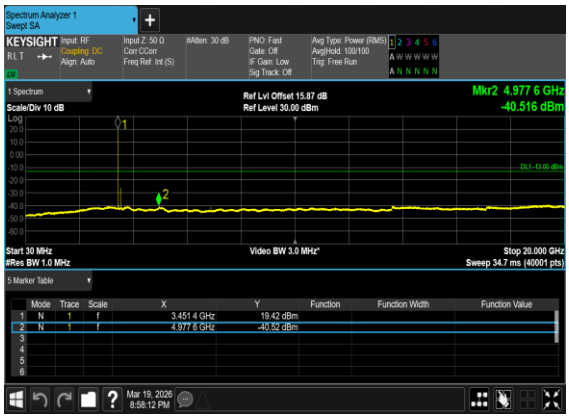
N77(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



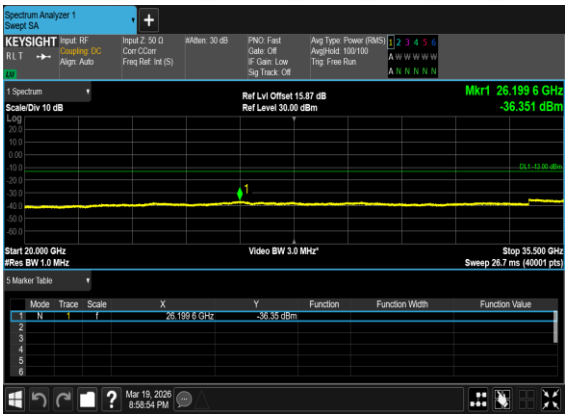
N77(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



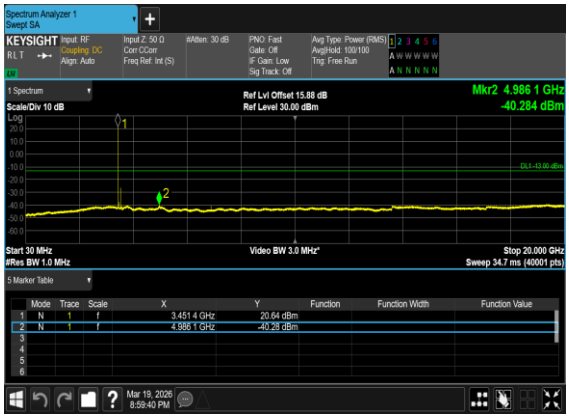
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



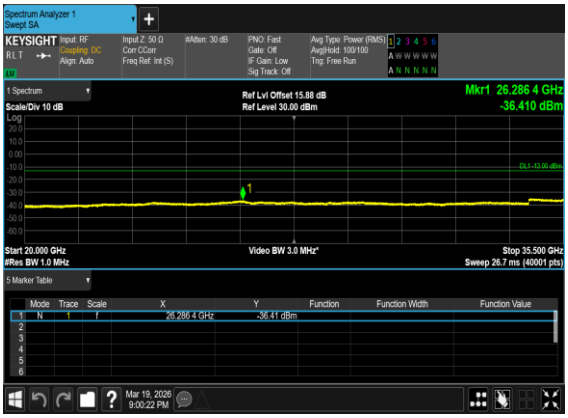
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



Conducted Band Edge

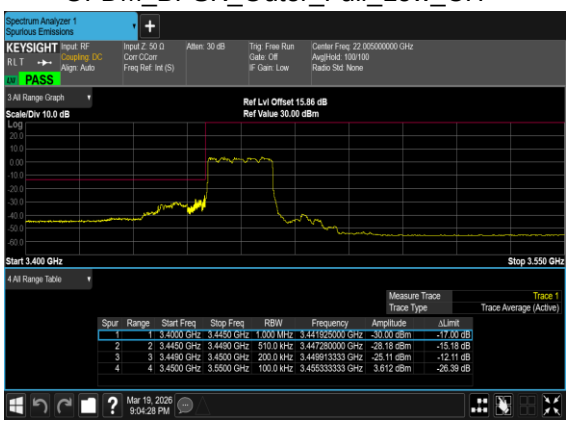
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	20	630668	3460.02	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
77	30	20	630668	3460.02	DFT-s-OFDM BPSK	50@0	see graph	**PASS**
77	30	20	630668	3460.02	DFT-s-OFDM QPSK	50@0	see graph	**PASS**
77	30	20	636000	3540.0	DFT-s-OFDM BPSK	1@50	see graph	**PASS**
77	30	20	636000	3540.0	DFT-s-OFDM QPSK	1@50	see graph	**PASS**
77	30	20	636000	3540.0	DFT-s-OFDM BPSK	50@0	see graph	**PASS**
77	30	20	636000	3540.0	DFT-s-OFDM QPSK	50@0	see graph	**PASS**
77	30	40	631334	3470.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	30	40	631334	3470.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
77	30	40	631334	3470.01	DFT-s-OFDM BPSK	100@0	see graph	**PASS**
77	30	40	631334	3470.01	DFT-s-OFDM QPSK	100@0	see graph	**PASS**
77	30	40	635332	3529.98	DFT-s-OFDM BPSK	1@105	see graph	**PASS**
77	30	40	635332	3529.98	DFT-s-OFDM QPSK	1@105	see graph	**PASS**
77	30	40	635332	3529.98	DFT-s-OFDM BPSK	100@0	see graph	**PASS**
77	30	40	635332	3529.98	DFT-s-OFDM QPSK	100@0	see graph	**PASS**
77	30	100	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
77	30	100	633334	3500.01	DFT-s-OFDM BPSK	1@272	see graph	**PASS**
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@272	see graph	**PASS**
77	30	100	633334	3500.01	DFT-s-OFDM BPSK	270@0	see graph	**PASS**
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	270@0	see graph	**PASS**

N77(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

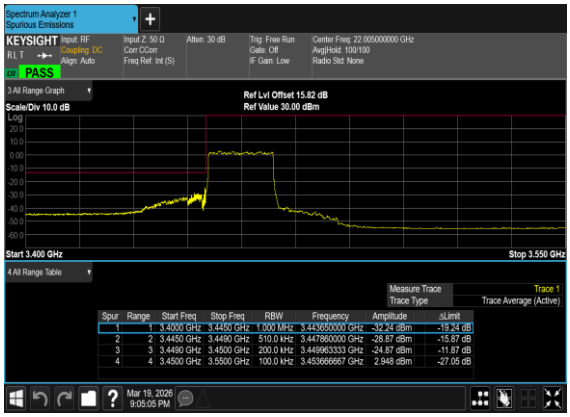
N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_**CHP_PASS**

N77(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

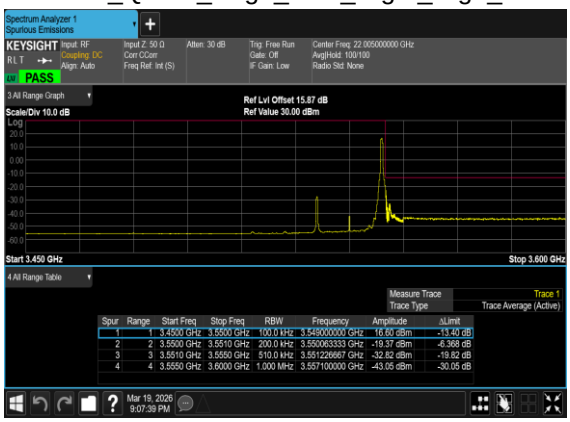


N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

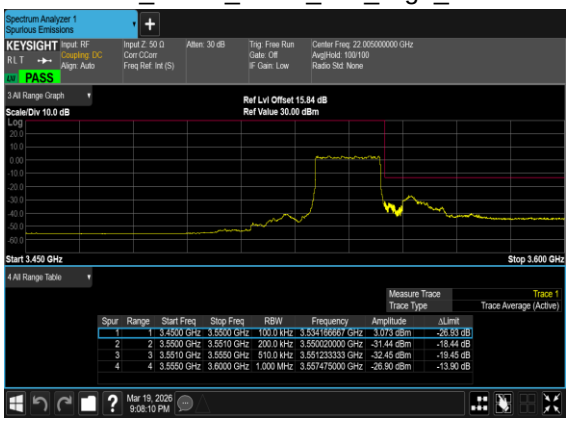


N77(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

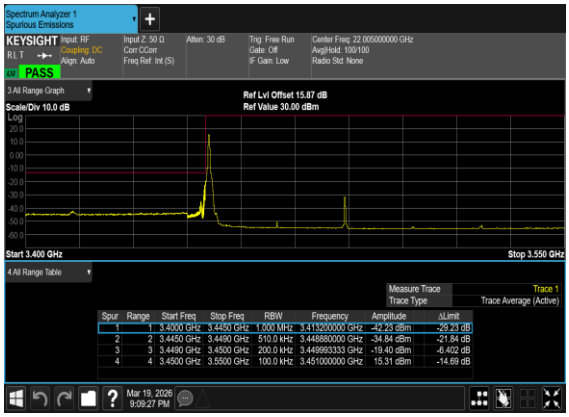


N77(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

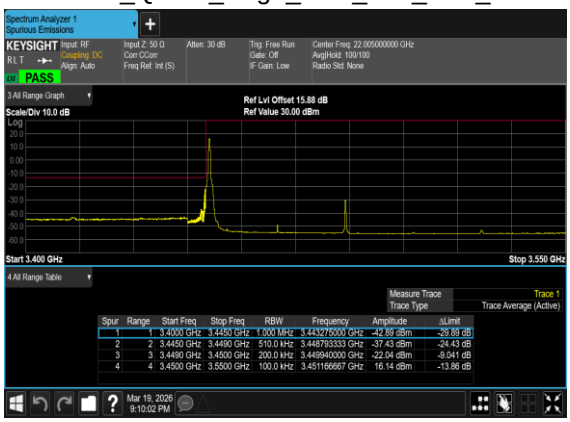


N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

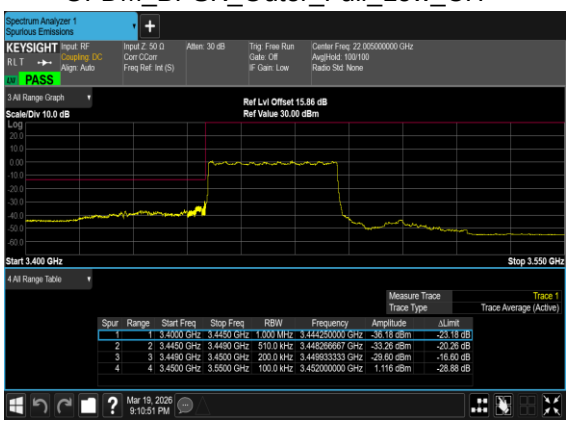
N77(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



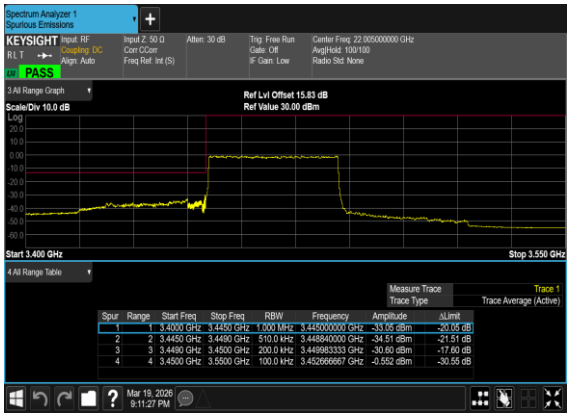
N77(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(40M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

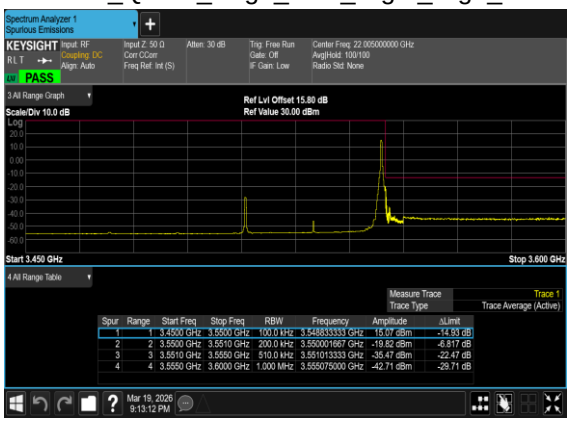


N77(40M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

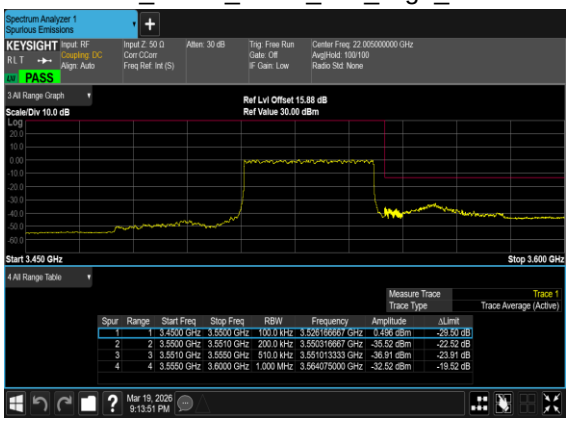


N77(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

N77(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

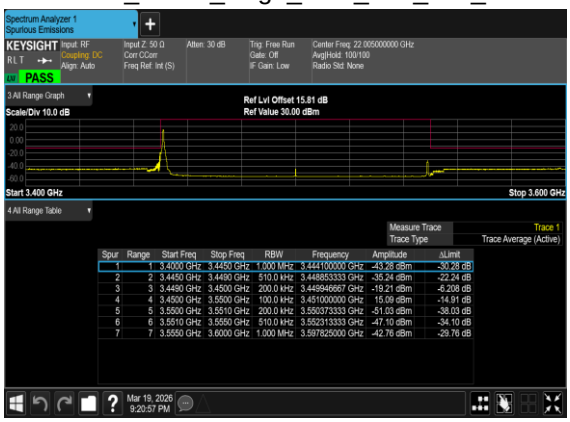


N77(40M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N77(40M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH

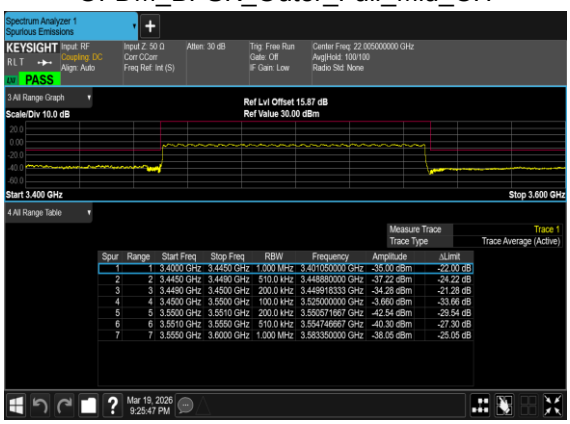


N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

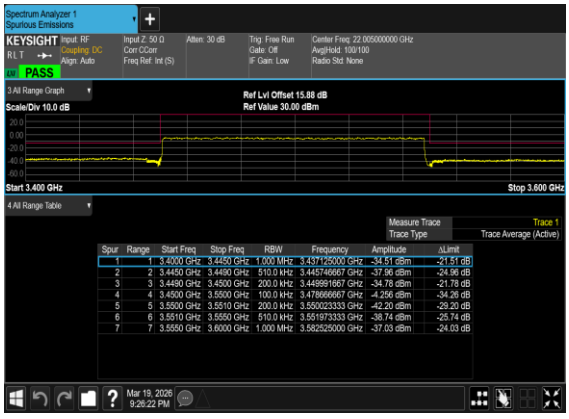
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Mid_CH

N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Mid_CH

N77(100M)_DFT-s-OFDM_BPSK_Outer_Full_Mid_CH



N77(100M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



Software Version: 23.06.1602

FR1 N78_ANT2

Transmitter Conducted Output Power And EIRP, (G_T - L_C)=1.35 dB

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
78	30	20	630668	3460.02	DFT-s-OFDM QPSK	25@12	24.94	26.29	0.4256
78	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@1	24.82	26.17	0.4140
78	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@49	24.88	26.23	0.4198
78	30	20	630668	3460.02	DFT-s-OFDM 16 QAM	25@12	23.96	25.31	0.3396
78	30	20	630668	3460.02	DFT-s-OFDM 16 QAM	1@1	24.03	25.38	0.3451
78	30	20	630668	3460.02	DFT-s-OFDM 16 QAM	1@49	23.98	25.33	0.3412
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	25@12	25.03	26.38	0.4345
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.02	26.37	0.4335
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	1@49	24.93	26.28	0.4246
78	30	20	633334	3500.01	DFT-s-OFDM 16 QAM	25@12	24.05	25.4	0.3467
78	30	20	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.13	25.48	0.3532
78	30	20	633334	3500.01	DFT-s-OFDM 16 QAM	1@49	23.96	25.31	0.3396
78	30	20	636000	3540	DFT-s-OFDM QPSK	25@12	25.01	26.36	0.4325
78	30	20	636000	3540	DFT-s-OFDM QPSK	1@1	25.04	26.39	0.4355
78	30	20	636000	3540	DFT-s-OFDM QPSK	1@49	24.99	26.34	0.4305
78	30	20	636000	3540	DFT-s-OFDM 16 QAM	25@12	23.99	25.34	0.3420
78	30	20	636000	3540	DFT-s-OFDM 16 QAM	1@1	24.11	25.46	0.3516
78	30	20	636000	3540	DFT-s-OFDM 16 QAM	1@49	24.1	25.45	0.3508
78	30	30	631000	3465	DFT-s-OFDM QPSK	36@18	24.97	26.32	0.4285
78	30	30	631000	3465	DFT-s-OFDM QPSK	1@1	24.91	26.26	0.4227
78	30	30	631000	3465	DFT-s-OFDM QPSK	1@76	24.9	26.25	0.4217
78	30	30	631000	3465	DFT-s-OFDM 16 QAM	36@18	24	25.35	0.3428
78	30	30	631000	3465	DFT-s-OFDM 16 QAM	1@1	24.1	25.45	0.3508
78	30	30	631000	3465	DFT-s-OFDM 16 QAM	1@76	23.91	25.26	0.3357
78	30	30	633334	3500.01	DFT-s-OFDM QPSK	36@18	25	26.35	0.4315
78	30	30	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.12	26.47	0.4436
78	30	30	633334	3500.01	DFT-s-OFDM QPSK	1@76	24.76	26.11	0.4083
78	30	30	633334	3500.01	DFT-s-OFDM 16 QAM	36@18	23.96	25.31	0.3396
78	30	30	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.09	25.44	0.3499
78	30	30	633334	3500.01	DFT-s-OFDM 16 QAM	1@76	24	25.35	0.3428
78	30	30	635666	3534.99	DFT-s-OFDM QPSK	36@18	24.91	26.26	0.4227
78	30	30	635666	3534.99	DFT-s-OFDM QPSK	1@1	25.04	26.39	0.4355
78	30	30	635666	3534.99	DFT-s-OFDM QPSK	1@76	24.9	26.25	0.4217
78	30	30	635666	3534.99	DFT-s-OFDM 16 QAM	36@18	24.06	25.41	0.3475
78	30	30	635666	3534.99	DFT-s-OFDM 16 QAM	1@1	24.1	25.45	0.3508
78	30	30	635666	3534.99	DFT-s-OFDM 16 QAM	1@76	24.13	25.48	0.3532

78	30	40	631334	3470.01	DFT-s-OFDM QPSK	50@25	25.02	26.37	0.4335
78	30	40	631334	3470.01	DFT-s-OFDM QPSK	1@1	24.99	26.34	0.4305
78	30	40	631334	3470.01	DFT-s-OFDM QPSK	1@104	24.93	26.28	0.4246
78	30	40	631334	3470.01	DFT-s-OFDM 16 QAM	50@25	23.84	25.19	0.3304
78	30	40	631334	3470.01	DFT-s-OFDM 16 QAM	1@1	23.93	25.28	0.3373
78	30	40	631334	3470.01	DFT-s-OFDM 16 QAM	1@104	23.97	25.32	0.3404
78	30	40	633334	3500.01	DFT-s-OFDM QPSK	50@25	24.99	26.34	0.4305
78	30	40	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.14	26.49	0.4457
78	30	40	633334	3500.01	DFT-s-OFDM QPSK	1@104	24.95	26.3	0.4266
78	30	40	633334	3500.01	DFT-s-OFDM 16 QAM	50@25	24.01	25.36	0.3436
78	30	40	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.22	25.57	0.3606
78	30	40	633334	3500.01	DFT-s-OFDM 16 QAM	1@104	24.07	25.42	0.3483
78	30	40	635332	3529.98	DFT-s-OFDM QPSK	50@25	25	26.35	0.4315
78	30	40	635332	3529.98	DFT-s-OFDM QPSK	1@1	25.11	26.46	0.4426
78	30	40	635332	3529.98	DFT-s-OFDM QPSK	1@104	24.81	26.16	0.4130
78	30	40	635332	3529.98	DFT-s-OFDM 16 QAM	50@25	24.05	25.4	0.3467
78	30	40	635332	3529.98	DFT-s-OFDM 16 QAM	1@1	24.2	25.55	0.3589
78	30	40	635332	3529.98	DFT-s-OFDM 16 QAM	1@104	23.98	25.33	0.3412
78	30	50	631668	3475.02	DFT-s-OFDM QPSK	64@32	24.64	25.99	0.3972
78	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@1	24.58	25.93	0.3917
78	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@131	24.57	25.92	0.3908
78	30	50	631668	3475.02	DFT-s-OFDM 16 QAM	64@32	23.67	25.02	0.3177
78	30	50	631668	3475.02	DFT-s-OFDM 16 QAM	1@1	23.81	25.16	0.3281
78	30	50	631668	3475.02	DFT-s-OFDM 16 QAM	1@131	23.62	24.97	0.3141
78	30	50	633334	3500.01	DFT-s-OFDM QPSK	64@32	24.68	26.03	0.4009
78	30	50	633334	3500.01	DFT-s-OFDM QPSK	1@1	24.76	26.11	0.4083
78	30	50	633334	3500.01	DFT-s-OFDM QPSK	1@131	24.51	25.86	0.3855
78	30	50	633334	3500.01	DFT-s-OFDM 16 QAM	64@32	23.63	24.98	0.3148
78	30	50	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	23.92	25.27	0.3365
78	30	50	633334	3500.01	DFT-s-OFDM 16 QAM	1@131	23.57	24.92	0.3105
78	30	50	635000	3525	DFT-s-OFDM QPSK	64@32	24.7	26.05	0.4027
78	30	50	635000	3525	DFT-s-OFDM QPSK	1@1	24.79	26.14	0.4111
78	30	50	635000	3525	DFT-s-OFDM QPSK	1@131	24.67	26.02	0.3999
78	30	50	635000	3525	DFT-s-OFDM 16 QAM	64@32	23.68	25.03	0.3184
78	30	50	635000	3525	DFT-s-OFDM 16 QAM	1@1	23.9	25.25	0.3350
78	30	50	635000	3525	DFT-s-OFDM 16 QAM	1@131	23.67	25.02	0.3177
78	30	60	632000	3480	DFT-s-OFDM QPSK	81@40	24.82	26.17	0.4140
78	30	60	632000	3480	DFT-s-OFDM QPSK	1@1	24.74	26.09	0.4064
78	30	60	632000	3480	DFT-s-OFDM QPSK	1@160	24.6	25.95	0.3936
78	30	60	632000	3480	DFT-s-OFDM 16 QAM	81@40	23.72	25.07	0.3214
78	30	60	632000	3480	DFT-s-OFDM 16 QAM	1@1	23.92	25.27	0.3365
78	30	60	632000	3480	DFT-s-OFDM 16 QAM	1@160	23.59	24.94	0.3119

78	30	60	633334	3500.01	DFT-s-OFDM QPSK	81@40	24.72	26.07	0.4046
78	30	60	633334	3500.01	DFT-s-OFDM QPSK	1@1	24.85	26.2	0.4169
78	30	60	633334	3500.01	DFT-s-OFDM QPSK	1@160	24.5	25.85	0.3846
78	30	60	633334	3500.01	DFT-s-OFDM 16 QAM	81@40	23.67	25.02	0.3177
78	30	60	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	23.87	25.22	0.3327
78	30	60	633334	3500.01	DFT-s-OFDM 16 QAM	1@160	23.62	24.97	0.3141
78	30	60	634666	3519.99	DFT-s-OFDM QPSK	81@40	24.61	25.96	0.3945
78	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@1	24.69	26.04	0.4018
78	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@160	24.64	25.99	0.3972
78	30	60	634666	3519.99	DFT-s-OFDM 16 QAM	81@40	23.6	24.95	0.3126
78	30	60	634666	3519.99	DFT-s-OFDM 16 QAM	1@1	23.81	25.16	0.3281
78	30	60	634666	3519.99	DFT-s-OFDM 16 QAM	1@160	23.54	24.89	0.3083
78	30	70	632334	3485.01	DFT-s-OFDM QPSK	90@45	24.8	26.15	0.4121
78	30	70	632334	3485.01	DFT-s-OFDM QPSK	1@1	24.82	26.17	0.4140
78	30	70	632334	3485.01	DFT-s-OFDM QPSK	1@187	24.46	25.81	0.3811
78	30	70	632334	3485.01	DFT-s-OFDM 16 QAM	90@45	23.8	25.15	0.3273
78	30	70	632334	3485.01	DFT-s-OFDM 16 QAM	1@1	23.89	25.24	0.3342
78	30	70	632334	3485.01	DFT-s-OFDM 16 QAM	1@187	23.53	24.88	0.3076
78	30	70	633334	3500.01	DFT-s-OFDM QPSK	90@45	24.68	26.03	0.4009
78	30	70	633334	3500.01	DFT-s-OFDM QPSK	1@1	24.81	26.16	0.4130
78	30	70	633334	3500.01	DFT-s-OFDM QPSK	1@187	24.38	25.73	0.3741
78	30	70	633334	3500.01	DFT-s-OFDM 16 QAM	90@45	23.68	25.03	0.3184
78	30	70	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	23.86	25.21	0.3319
78	30	70	633334	3500.01	DFT-s-OFDM 16 QAM	1@187	23.64	24.99	0.3155
78	30	70	634332	3514.98	DFT-s-OFDM QPSK	90@45	24.66	26.01	0.3990
78	30	70	634332	3514.98	DFT-s-OFDM QPSK	1@1	24.74	26.09	0.4064
78	30	70	634332	3514.98	DFT-s-OFDM QPSK	1@187	24.49	25.84	0.3837
78	30	70	634332	3514.98	DFT-s-OFDM 16 QAM	90@45	23.69	25.04	0.3192
78	30	70	634332	3514.98	DFT-s-OFDM 16 QAM	1@1	23.8	25.15	0.3273
78	30	70	634332	3514.98	DFT-s-OFDM 16 QAM	1@187	23.6	24.95	0.3126
78	30	80	632668	3490.02	DFT-s-OFDM QPSK	108@54	24.71	26.06	0.4036
78	30	80	632668	3490.02	DFT-s-OFDM QPSK	1@1	24.77	26.12	0.4093
78	30	80	632668	3490.02	DFT-s-OFDM QPSK	1@215	24.47	25.82	0.3819
78	30	80	632668	3490.02	DFT-s-OFDM 16 QAM	108@54	23.84	25.19	0.3304
78	30	80	632668	3490.02	DFT-s-OFDM 16 QAM	1@1	23.83	25.18	0.3296
78	30	80	632668	3490.02	DFT-s-OFDM 16 QAM	1@215	23.61	24.96	0.3133
78	30	80	633334	3500.01	DFT-s-OFDM QPSK	108@54	24.59	25.94	0.3926
78	30	80	633334	3500.01	DFT-s-OFDM QPSK	1@1	24.61	25.96	0.3945
78	30	80	633334	3500.01	DFT-s-OFDM QPSK	1@215	24.42	25.77	0.3776
78	30	80	633334	3500.01	DFT-s-OFDM 16 QAM	108@54	23.59	24.94	0.3119
78	30	80	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	23.87	25.22	0.3327
78	30	80	633334	3500.01	DFT-s-OFDM 16 QAM	1@215	23.39	24.74	0.2979

78	30	80	634000	3510	DFT-s-OFDM QPSK	108@54	24.68	26.03	0.4009
78	30	80	634000	3510	DFT-s-OFDM QPSK	1@1	24.86	26.21	0.4178
78	30	80	634000	3510	DFT-s-OFDM QPSK	1@215	24.56	25.91	0.3899
78	30	80	634000	3510	DFT-s-OFDM 16 QAM	108@54	23.71	25.06	0.3206
78	30	80	634000	3510	DFT-s-OFDM 16 QAM	1@1	23.97	25.32	0.3404
78	30	80	634000	3510	DFT-s-OFDM 16 QAM	1@215	23.66	25.01	0.3170
78	30	90	633000	3495	DFT-s-OFDM QPSK	120@60	24.64	25.99	0.3972
78	30	90	633000	3495	DFT-s-OFDM QPSK	1@1	24.45	25.8	0.3802
78	30	90	633000	3495	DFT-s-OFDM QPSK	1@243	24.54	25.89	0.3882
78	30	90	633000	3495	DFT-s-OFDM 16 QAM	120@60	23.9	25.25	0.3350
78	30	90	633000	3495	DFT-s-OFDM 16 QAM	1@1	23.52	24.87	0.3069
78	30	90	633000	3495	DFT-s-OFDM 16 QAM	1@243	23.62	24.97	0.3141
78	30	90	633334	3500.01	DFT-s-OFDM QPSK	120@60	24.69	26.04	0.4018
78	30	90	633334	3500.01	DFT-s-OFDM QPSK	1@1	24.58	25.93	0.3917
78	30	90	633334	3500.01	DFT-s-OFDM QPSK	1@243	24.4	25.75	0.3758
78	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	120@60	23.69	25.04	0.3192
78	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	23.5	24.85	0.3055
78	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	1@243	23.48	24.83	0.3041
78	30	90	633666	3504.99	DFT-s-OFDM QPSK	120@60	24.74	26.09	0.4064
78	30	90	633666	3504.99	DFT-s-OFDM QPSK	1@1	24.74	26.09	0.4064
78	30	90	633666	3504.99	DFT-s-OFDM QPSK	1@243	24.53	25.88	0.3873
78	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	120@60	23.73	25.08	0.3221
78	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	1@1	23.65	25	0.3162
78	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	1@243	23.69	25.04	0.3192
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	135@67	25.11	26.46	0.4426
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	24.88	26.23	0.4198
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@271	25.09	26.44	0.4406
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	135@67	25.15	26.5	0.4467
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@1	24.97	26.32	0.4285
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@271	25.02	26.37	0.4335
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	135@67	24.17	25.52	0.3565
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	23.9	25.25	0.3350
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@271	24.09	25.44	0.3499
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	135@67	22.7	24.05	0.2541
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	22.48	23.83	0.2415
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@271	22.44	23.79	0.2393
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	135@67	20.68	22.03	0.1596
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	20.29	21.64	0.1459
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@271	20.37	21.72	0.1486
78	30	100	633334	3500.01	CP-OFDM QPSK	137@68	23.59	24.94	0.3119
78	30	100	633334	3500.01	CP-OFDM QPSK	1@1	23.22	24.57	0.2864
78	30	100	633334	3500.01	CP-OFDM QPSK	1@271	23.41	24.76	0.2992

Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
78	30	50	633334	3500.01	CP-OFDM QPSK	133@0	47.441	49.01
78	30	50	633334	3500.01	CP-OFDM 16 QAM	133@0	47.633	49.12
78	30	50	633334	3500.01	CP-OFDM 64 QAM	133@0	47.572	49.19
78	30	50	633334	3500.01	CP-OFDM 256 QAM	133@0	47.537	48.94
78	30	70	633334	3500.01	CP-OFDM QPSK	189@0	67.522	69.65
78	30	70	633334	3500.01	CP-OFDM 16 QAM	189@0	67.611	69.61
78	30	70	633334	3500.01	CP-OFDM 64 QAM	189@0	67.641	69.76
78	30	70	633334	3500.01	CP-OFDM 256 QAM	189@0	67.62	69.92
78	30	90	633334	3500.01	CP-OFDM QPSK	245@0	87.372	90.18
78	30	90	633334	3500.01	CP-OFDM 16 QAM	245@0	87.506	90.24
78	30	90	633334	3500.01	CP-OFDM 64 QAM	245@0	87.576	90.3
78	30	90	633334	3500.01	CP-OFDM 256 QAM	245@0	87.667	90.27