



FCC RF Test Report

APPLICANT : Fibocom Wireless Inc.
EQUIPMENT : 5G Module
BRAND NAME : Fibocom
MODEL NAME : FM350-GL
FCC ID : ZMOFM350GL
STANDARD : 47 CFR Part 27(M)
CLASSIFICATION : PCS Licensed Transmitter (PCB)
TEST DATE(S) : Mar. 20, 2025 ~ Mar. 21, 2025

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

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

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



TABLE OF CONTENTS

REVISION HISTORY	3
SUMMARY OF TEST RESULT	4
1 GENERAL DESCRIPTION	5
1.1 Applicant	5
1.2 Manufacturer	5
1.3 Product Feature of Equipment Under Test	5
1.4 Product Specification of Equipment Under Test	5
1.5 Modification of EUT	6
1.6 Maximum Conducted Power and Emission Designator	6
1.7 Testing Location	7
1.8 Applicable Standards	7
2 TEST CONFIGURATION OF EQUIPMENT UNDER TEST	8
2.1 Test Mode	8
2.2 Measurement Results Explanation Example	8
2.3 Frequency List of Low/Middle/High Channels	9
3 CONDUCTED TEST ITEMS	10
3.1 Measuring Instruments	10
3.2 Test Setup	10
3.3 Test Result of Conducted Test	10
3.4 Conducted Output Power and EIRP	11
3.5 Occupied Bandwidth	12
3.6 Conducted Band Edge	13
3.7 Conducted Spurious Emission	14
4 LIST OF MEASURING EQUIPMENT	15
5 MEASUREMENT UNCERTAINTY	16
APPENDIX A. TEST RESULTS OF CONDUCTED TEST	



REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FG531822A	Rev. 01	Initial issue of report	Mar. 28, 2025



SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.4	§2.1046	Conducted Output Power	Reporting Only	PASS	-
	§27.50(h)(2)	Equivalent Isotropic Radiated Power (5G NR n41)	EIRP < 2Watt		
3.6	§2.1049	Occupied Bandwidth	Reporting Only	PASS	-
3.7	§27.53(m)(4)	Conducted Band Edge Measurement (5G NR n41)	§27.53(m)(4)	PASS	-
3.8	§2.1051 §27.53(m)(4)	Conducted Spurious Emission (5G NR n41)	< 55+10log ₁₀ (P[Watts])	PASS	-

Note: This is a variant report, to enable BW 20M/50MHz for n41 SCS 15k, BW 20M/60M/90MHz for n41 SCS 30k, BW 40M/50MHz for n77/n78 SCS 15k & BW 90MHz for n77/n78 SCS 30k by software. According to the change, only the related test cases were verified on the basis of the original report FG051802-21A.

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

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 Module
Brand Name	Fibocom
Model Name	FM350-GL
FCC ID	ZMOFM350GL
IMEI Code	Conducted : 862146050687837
HW Version	V1.0.6
SW Version	81600.0000.00.29.24.01
EUT Stage	Identical Prototype

1.4 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx Frequency	5G NR n41 : 2496 MHz ~ 2690 MHz
Rx Frequency	5G NR n41 : 2496 MHz ~ 2690 MHz
Bandwidth	SCS: 15kHz: n41: 10MHz / 15MHz / 20MHz / 30MHz / 40MHz / 50MHz SCS: 30kHz: n41: 10MHz / 15MHz / 20MHz / 30MHz / 40MHz / 50MHz / 60MHz / 80MHz / 90MHz / 100MHz
SCS	15kHz, 30kHz
Antenna Gain	5G NR n41: 4.0 dBi
Type of Modulation	CP-OFDM: QPSK / 16QAM / 64QAM / 256QAM DFT-s-OFDM: PI/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM

Remark:

1. All the supported ENDC combinations are verified conducted power, only the ENDC combination with highest power is shown in the report.
2. The device was assessed that SCS 15kHz covers 30kHz for BW 20MHz by referring to their higher conducted power. And the BW 60M/90MHz of SCS 30kHz was additionally evaluated to test.

3. 5G NR n41 supports UL MIMO mode, and only supports CP-OFDM modulation in UL MIMO mode.
4. 5G NR n41 supports HPUE mode for single carrier.

1.5 Modification of EUT

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

1.6 Maximum Conducted Power and Emission Designator

5G NR n41 – SCS 15k		PI/2 BPSK / QPSK		16QAM / 64QAM / 256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum Conducted Power(W)	Emission Designator (99%OBW)	Maximum Conducted Power(W)	Emission Designator (99%OBW)
20	2506.005 ~ 2679.99	0.4385	18M9G7D	0.3614	18M9W7D
50	2521.005 ~ 2664.99	0.4436	48M2G7D	0.3597	48M1W7D

5G NR n41 – SCS 30k		PI/2 BPSK / QPSK		16QAM / 64QAM / 256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum Conducted Power(W)	Emission Designator (99%OBW)	Maximum Conducted Power(W)	Emission Designator (99%OBW)
20	2506.02 ~ 2679.99	0.4198	18M9G7D	0.3334	18M9G7D
60	2526.00 ~ 2659.98	0.4295	57M7G7D	0.3373	57M9W7D
90	2541.00 ~ 2644.98	0.4009	87M5G7D	0.3177	87M7W7D

5G NR n41 – SCS 15k UL MIMO		QPSK		16QAM / 64QAM / 256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum Conducted Power(W)	Emission Designator (99%OBW)	Maximum Conducted Power(W)	Emission Designator (99%OBW)
20	2506.005 ~ 2679.99	0.2891	19M0G7D	0.2630	19M0W7D
50	2521.005 ~ 2664.99	0.2931	48M2G7D	0.2729	48M3W7D

5G NR n41 – SCS 30k UL MIMO		QPSK		16QAM / 64QAM / 256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum Conducted Power(W)	Emission Designator (99%OBW)	Maximum Conducted Power(W)	Emission Designator (99%OBW)
20	2506.02 ~ 2679.99	0.2825	19M0G7D	0.2518	19M0W7D
60	2526.00 ~ 2659.98	0.2904	57M8G7D	0.2655	57M9W7D
90	2541.00 ~ 2644.98	0.2582	87M7G7D	0.2377	87M8W7D

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



1.7 Testing Location

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

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

1.8 Applicable Standards

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

- ♦ 47 CFR Part 27(M)
- ♦ 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.

Test Items	5G NR	Bandwidth (MHz)				Modulation					RB #		Test Channel		
		20	50	60	90	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	1	Full	L	M	H
Max. Output Power	n41	v	v	v	v	v	v	v			v	v	v	v	v
26dB and 99% Bandwidth	n41	v	v	v	v		v	v	v	v		v		v	
Conducted Band Edge	n41	v	v	v	v	v	v				v	v	v		v
Conducted Spurious Emission	n41	v	v	v	v	v	v				v		v	v	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. All test items are based on engineering evaluation.														

2.2 Measurement Results Explanation Example

For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

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

Offset = RF cable loss.

Following shows an offset computation example with cable loss 8.6 dB.

Example :

$$\begin{aligned}
 \text{Offset(dB)} &= \text{RF cable loss(dB)}. \\
 &= 8.6 \text{ (dB)}
 \end{aligned}$$

2.3 Frequency List of Low/Middle/High Channels

5G NR n41 Channel and Frequency List for SCS 15k				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
50	Channel	504201	518601	532998
	Frequency	2521.005	2593.005	2664.99
20	Channel	501201	518601	535998
	Frequency	2506.005	2593.005	2679.99

5G NR n41 Channel and Frequency List for SCS 30k				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
90	Channel	508200	518598	528996
	Frequency	2541	2592.99	2644.98
60	Channel	505200	518598	531996
	Frequency	2526	2592.99	2659.98
20	Channel	501204	518598	535998
	Frequency	2506.02	2592.99	2679.99

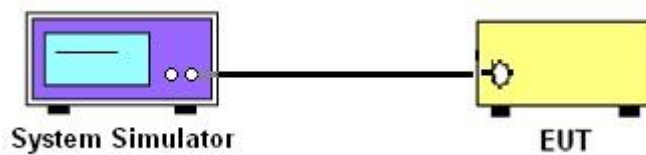
3 Conducted Test Items

3.1 Measuring Instruments

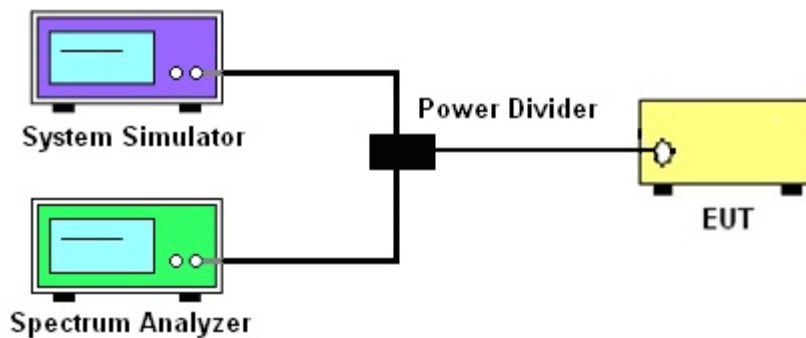
See list of measuring instruments of this test report.

3.2 Test Setup

3.2.1 Conducted Output Power



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



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 2 Watts for 5G NR n41.

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 Occupied Bandwidth

3.5.1 Description of Occupied Bandwidth Measurement

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

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

3.5.2 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.

3.6 Conducted Band Edge

3.6.1 Description of Conducted Band Edge Measurement

27.53(m)(4)

For mobile digital stations, the attenuation factor shall be not less than $40 + 10 \log (P)$ dB on all frequencies between the channel edge and 5 megahertz from the channel edge, $43 + 10 \log (P)$ dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and $55 + 10 \log (P)$ dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less than $43 + 10 \log (P)$ dB on all frequencies between 2490.5 MHz and 2496 MHz and $55 + 10 \log (P)$ dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

3.6.2 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 $\geq 1\%/2\%$ EBW in the 1MHz band immediately outside and adjacent to the band edge.
5. Beyond the 1 MHz band from the band edge, RBW=1MHz was used or a narrower RBW was used (generally limited to no less than 1% of the OBW) and the measured power was integrated over the full required measurement bandwidth.
6. Set spectrum analyzer with RMS detector.
7. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
8. Checked that all the results comply with the emission limit line.

Example:

The limit line is derived from $43 + 10\log(P)$ 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. For 5G NR n41, the other 40 dB, and 55 dB have additionally applied same calculation above. 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.

3.7 Conducted Spurious Emission

3.7.1 Description of Conducted Spurious Emission Measurement

For 5G NR n41:

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 $55 + 10 \log (P)$ dB.

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

3.7.2 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 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. For 5G NR n41

The limit line is derived from $55 + 10\log(P)$ dB below the transmitter power P(Watts)
= P(W)- [55+ 10log(P)] (dB)
= [30+ 10log(P)] (dBm) - [55+ 10log(P)] (dB)
= -25dBm.



4 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	Mar. 20, 2025~ Mar. 21, 2025	Apr. 08, 2025	Conducted (TH01-SZ)
Power Divider	TOJOIN	PS-2SM-04 265	60.06.020.007 7	0.4GHz~26.5GHz	Dec. 24, 2024	Mar. 20, 2025~ Mar. 21, 2025	Dec. 23, 2025	Conducted (TH01-SZ)

5 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

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



Appendix A. Test Results of Conducted Test

Test Engineer :	Khan	Temperature :	22~23°C
		Relative Humidity :	40~42%



Software Version: 23.06.1602

FR1 N41 - SCS 15kHz**Transmitter Conducted Output Power and EIRP (GT - LC)=4.0dB**

NR Band	SCS	Band Width	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	Conducted Power(W)	EIRP (dBm)	EIRP (W)
41	15	20	501201	2506.005	DFT-s-OFDM PI/2 BPSK	50@25	26.07	0.4046	30.07	1.0162
41	15	20	501201	2506.005	DFT-s-OFDM PI/2 BPSK	1@1	25.96	0.3945	29.96	0.9908
41	15	20	501201	2506.005	DFT-s-OFDM PI/2 BPSK	1@104	26.09	0.4064	30.09	1.0209
41	15	20	501201	2506.005	DFT-s-OFDM QPSK	50@25	26.07	0.4046	30.07	1.0162
41	15	20	501201	2506.005	DFT-s-OFDM QPSK	1@1	25.96	0.3945	29.96	0.9908
41	15	20	501201	2506.005	DFT-s-OFDM QPSK	1@104	26.09	0.4064	30.09	1.0209
41	15	20	501201	2506.005	DFT-s-OFDM 16 QAM	50@25	25.11	0.3243	29.11	0.8147
41	15	20	501201	2506.005	DFT-s-OFDM 16 QAM	1@1	25.31	0.3396	29.31	0.8531
41	15	20	501201	2506.005	DFT-s-OFDM 16 QAM	1@104	25.52	0.3565	29.52	0.8954
41	15	20	518601	2593.005	DFT-s-OFDM PI/2 BPSK	50@25	26.16	0.4130	30.16	1.0375
41	15	20	518601	2593.005	DFT-s-OFDM PI/2 BPSK	1@1	26.2	0.4169	30.2	1.0471
41	15	20	518601	2593.005	DFT-s-OFDM PI/2 BPSK	1@104	26.33	0.4295	30.33	1.0789
41	15	20	518601	2593.005	DFT-s-OFDM QPSK	50@25	26	0.3981	30	1.0000
41	15	20	518601	2593.005	DFT-s-OFDM QPSK	1@1	26.1	0.4074	30.1	1.0233
41	15	20	518601	2593.005	DFT-s-OFDM QPSK	1@104	26.22	0.4188	30.22	1.0520
41	15	20	518601	2593.005	DFT-s-OFDM 16 QAM	50@25	25.01	0.3170	29.01	0.7962
41	15	20	518601	2593.005	DFT-s-OFDM 16 QAM	1@1	25.43	0.3491	29.43	0.8770
41	15	20	518601	2593.005	DFT-s-OFDM 16 QAM	1@104	25.51	0.3556	29.51	0.8933
41	15	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	50@25	26.42	0.4385	30.42	1.1015
41	15	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	1@1	26.21	0.4178	30.21	1.0495
41	15	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	1@104	26.39	0.4355	30.39	1.0940
41	15	20	535998	2679.99	DFT-s-OFDM QPSK	50@25	26.31	0.4276	30.31	1.0740
41	15	20	535998	2679.99	DFT-s-OFDM QPSK	1@1	26.14	0.4111	30.14	1.0328
41	15	20	535998	2679.99	DFT-s-OFDM QPSK	1@104	26.31	0.4276	30.31	1.0740
41	15	20	535998	2679.99	DFT-s-OFDM 16 QAM	50@25	25.35	0.3428	29.35	0.8610
41	15	20	535998	2679.99	DFT-s-OFDM 16 QAM	1@1	25.43	0.3491	29.43	0.8770
41	15	20	535998	2679.99	DFT-s-OFDM 16 QAM	1@104	25.58	0.3614	29.58	0.9078
41	15	50	504201	2521.005	DFT-s-OFDM PI/2 BPSK	135@67	26.23	0.4198	30.23	1.0544
41	15	50	504201	2521.005	DFT-s-OFDM PI/2 BPSK	1@1	25.98	0.3963	29.98	0.9954
41	15	50	504201	2521.005	DFT-s-OFDM PI/2 BPSK	1@268	26.04	0.4018	30.04	1.0093
41	15	50	504201	2521.005	DFT-s-OFDM QPSK	135@67	26.11	0.4083	30.11	1.0257
41	15	50	504201	2521.005	DFT-s-OFDM QPSK	1@1	25.9	0.3890	29.9	0.9772
41	15	50	504201	2521.005	DFT-s-OFDM QPSK	1@268	25.97	0.3954	29.97	0.9931
41	15	50	504201	2521.005	DFT-s-OFDM 16 QAM	135@67	25.1	0.3236	29.1	0.8128
41	15	50	504201	2521.005	DFT-s-OFDM 16 QAM	1@1	25.13	0.3258	29.13	0.8185
41	15	50	504201	2521.005	DFT-s-OFDM 16 QAM	1@268	25.07	0.3214	29.07	0.8072
41	15	50	518601	2593.005	DFT-s-OFDM PI/2 BPSK	135@67	26.19	0.4159	30.19	1.0447
41	15	50	518601	2593.005	DFT-s-OFDM PI/2 BPSK	1@1	26.1	0.4074	30.1	1.0233
41	15	50	518601	2593.005	DFT-s-OFDM PI/2 BPSK	1@268	26.47	0.4436	30.47	1.1143



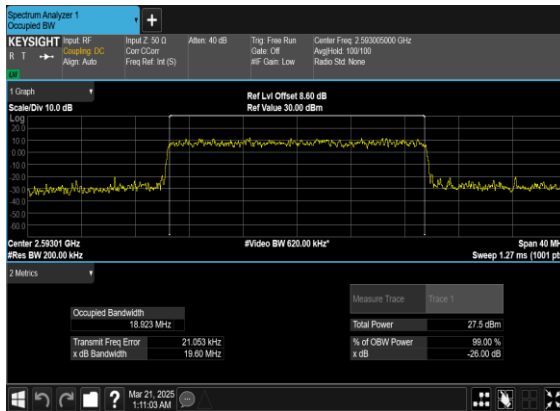
41	15	50	518601	2593.005	DFT-s-OFDM QPSK	135@67	26.07	0.4046	30.07	1.0162
41	15	50	518601	2593.005	DFT-s-OFDM QPSK	1@1	26.06	0.4036	30.06	1.0139
41	15	50	518601	2593.005	DFT-s-OFDM QPSK	1@268	26.35	0.4315	30.35	1.0839
41	15	50	518601	2593.005	DFT-s-OFDM 16 QAM	135@67	25.06	0.3206	29.06	0.8054
41	15	50	518601	2593.005	DFT-s-OFDM 16 QAM	1@1	25.3	0.3388	29.3	0.8511
41	15	50	518601	2593.005	DFT-s-OFDM 16 QAM	1@268	25.56	0.3597	29.56	0.9036
41	15	50	532998	2664.99	DFT-s-OFDM PI/2 BPSK	135@67	26.15	0.4121	30.15	1.0351
41	15	50	532998	2664.99	DFT-s-OFDM PI/2 BPSK	1@1	25.82	0.3819	29.82	0.9594
41	15	50	532998	2664.99	DFT-s-OFDM PI/2 BPSK	1@268	26.25	0.4217	30.25	1.0593
41	15	50	532998	2664.99	DFT-s-OFDM QPSK	135@67	26.06	0.4036	30.06	1.0139
41	15	50	532998	2664.99	DFT-s-OFDM QPSK	1@1	25.73	0.3741	29.73	0.9397
41	15	50	532998	2664.99	DFT-s-OFDM QPSK	1@268	26.18	0.4150	30.18	1.0423
41	15	50	532998	2664.99	DFT-s-OFDM 16 QAM	135@67	25.08	0.3221	29.08	0.8091
41	15	50	532998	2664.99	DFT-s-OFDM 16 QAM	1@1	25.02	0.3177	29.02	0.7980
41	15	50	532998	2664.99	DFT-s-OFDM 16 QAM	1@268	25.49	0.3540	29.49	0.8892

Occupied Bandwidth

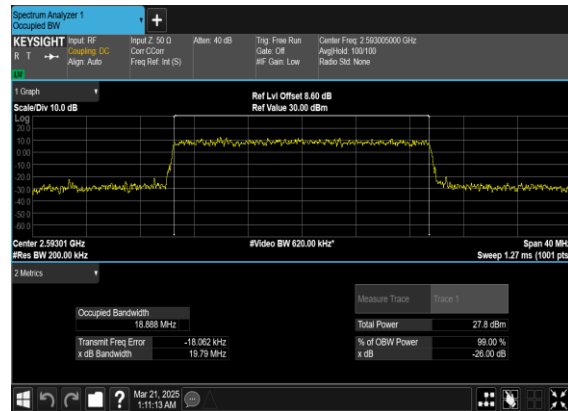
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
41	15	20	518601	2593.01	CP-OFDM QPSK	106@0	18.923	19.6
41	15	20	518601	2593.01	CP-OFDM 16 QAM	106@0	18.888	19.79
41	15	20	518601	2593.01	CP-OFDM 64 QAM	106@0	18.912	19.63
41	15	20	518601	2593.01	CP-OFDM 256 QAM	106@0	18.944	19.62
41	15	50	518601	2593.01	CP-OFDM QPSK	270@0	48.165	50.2
41	15	50	518601	2593.01	CP-OFDM 16 QAM	270@0	48.138	49.76
41	15	50	518601	2593.01	CP-OFDM 64 QAM	270@0	48.098	49.64
41	15	50	518601	2593.01	CP-OFDM 256 QAM	270@0	48.144	49.76



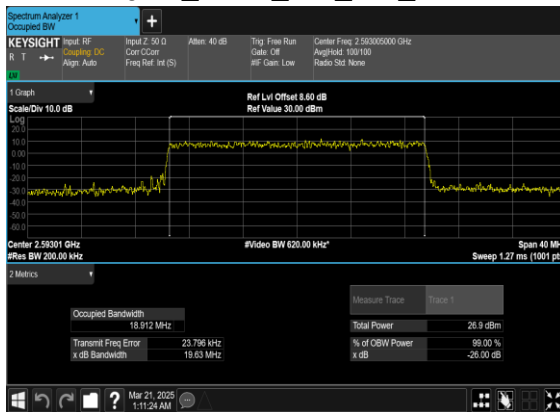
N41(20M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



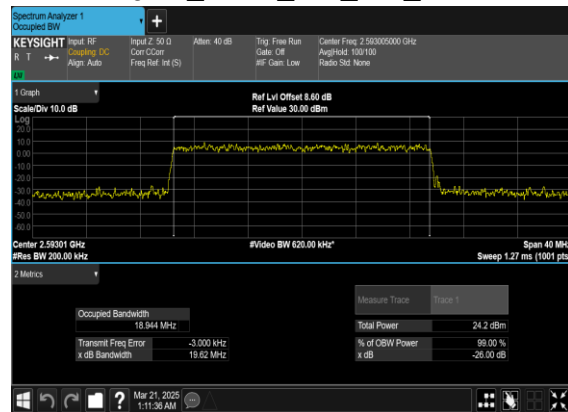
N41(20M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N41(20M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

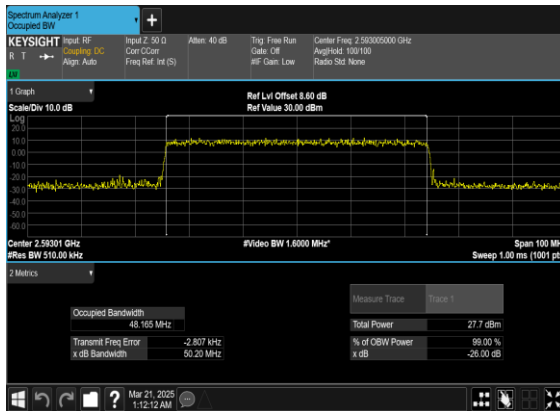


N41(20M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

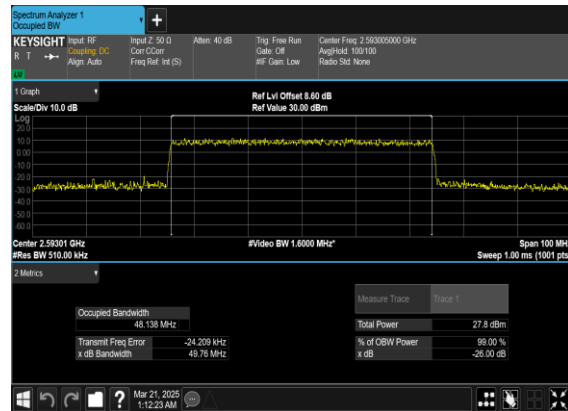




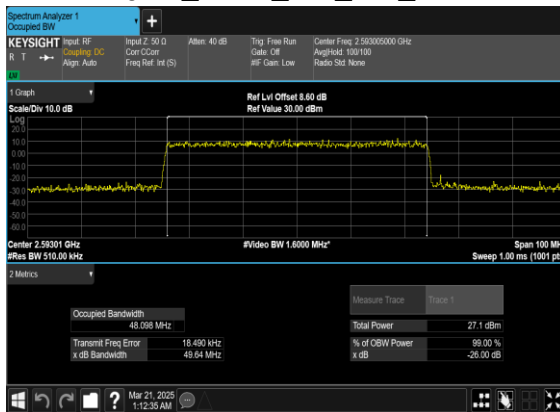
N41(50M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



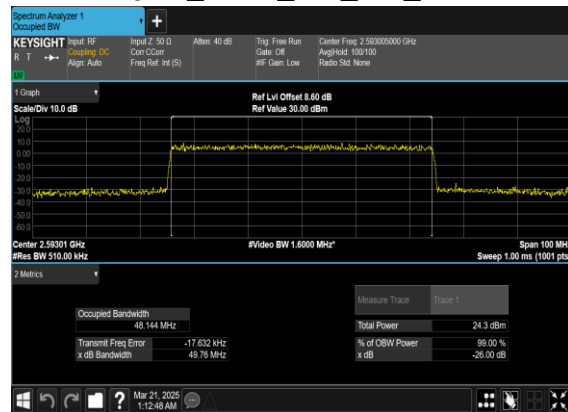
N41(50M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N41(50M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N41(50M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



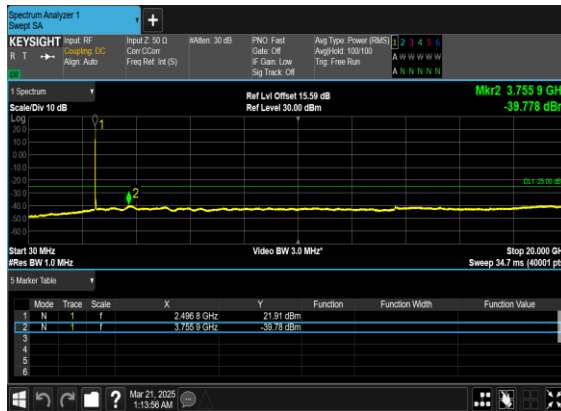


Conducted Spurious Emissions

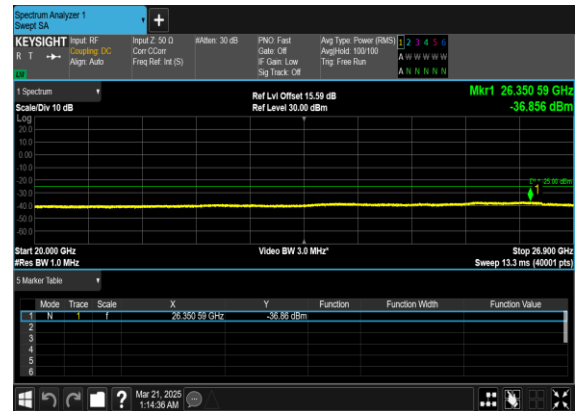
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	15	20	501201	2506.005	DFT-s-OFDM BPSK	1@0	see graph	---
41	15	20	501201	2506.005	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	15	20	501201	2506.005	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	15	20	501201	2506.005	DFT-s-OFDM QPSK	1@0	see graph	---
41	15	20	501201	2506.005	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	15	20	501201	2506.005	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	15	20	518601	2593.005	DFT-s-OFDM BPSK	1@0	see graph	---
41	15	20	518601	2593.005	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	15	20	518601	2593.005	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	15	20	518601	2593.005	DFT-s-OFDM QPSK	1@0	see graph	---
41	15	20	518601	2593.005	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	15	20	518601	2593.005	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	15	20	535998	2679.99	DFT-s-OFDM BPSK	1@0	see graph	---
41	15	20	535998	2679.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	15	20	535998	2679.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	15	20	535998	2679.99	DFT-s-OFDM QPSK	1@0	see graph	---
41	15	20	535998	2679.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	15	20	535998	2679.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	15	50	504201	2521.005	DFT-s-OFDM BPSK	1@0	see graph	---
41	15	50	504201	2521.005	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	15	50	504201	2521.005	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	15	50	504201	2521.005	DFT-s-OFDM QPSK	1@0	see graph	---
41	15	50	504201	2521.005	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	15	50	504201	2521.005	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	15	50	518601	2593.005	DFT-s-OFDM BPSK	1@0	see graph	---
41	15	50	518601	2593.005	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	15	50	518601	2593.005	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	15	50	518601	2593.005	DFT-s-OFDM QPSK	1@0	see graph	---
41	15	50	518601	2593.005	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	15	50	518601	2593.005	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	15	50	532998	2664.99	DFT-s-OFDM BPSK	1@0	see graph	---
41	15	50	532998	2664.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	15	50	532998	2664.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	15	50	532998	2664.99	DFT-s-OFDM QPSK	1@0	see graph	---
41	15	50	532998	2664.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	15	50	532998	2664.99	DFT-s-OFDM QPSK	1@0	see graph	PASS



N41(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N41(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N41(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

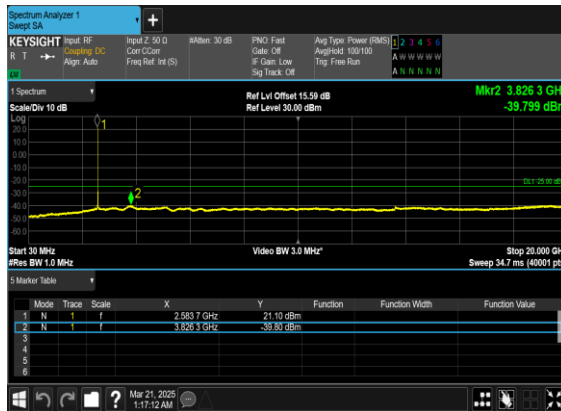


N41(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

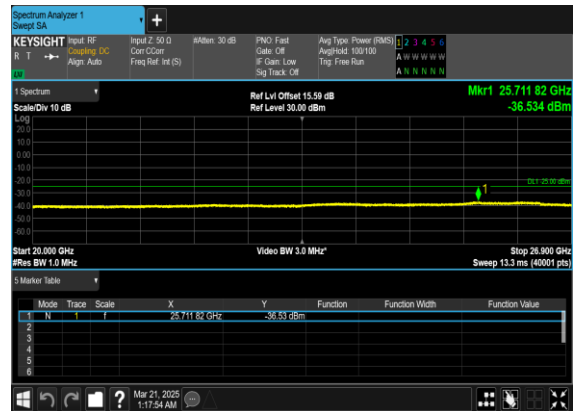




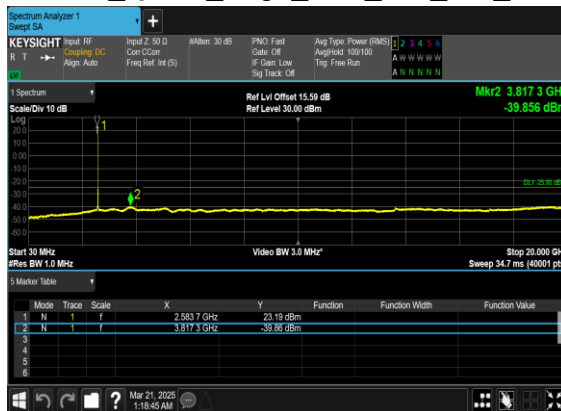
N41(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



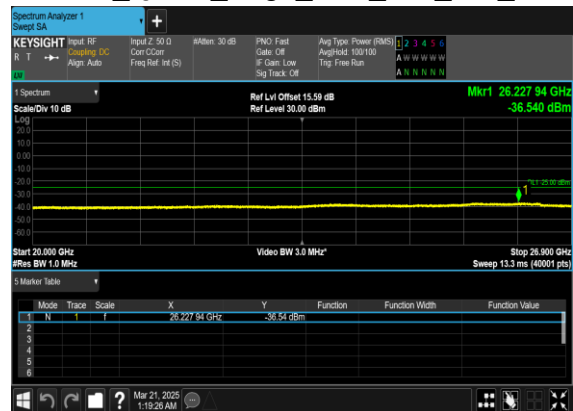
N41(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N41(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N41(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH





N41(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N41(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N41(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

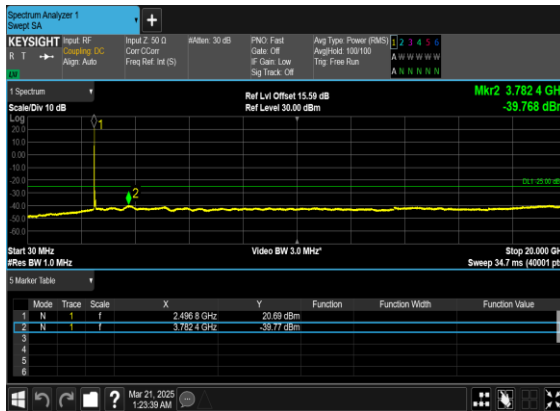


N41(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

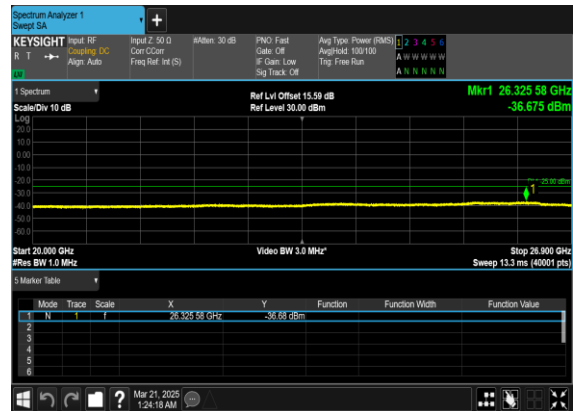




N41(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



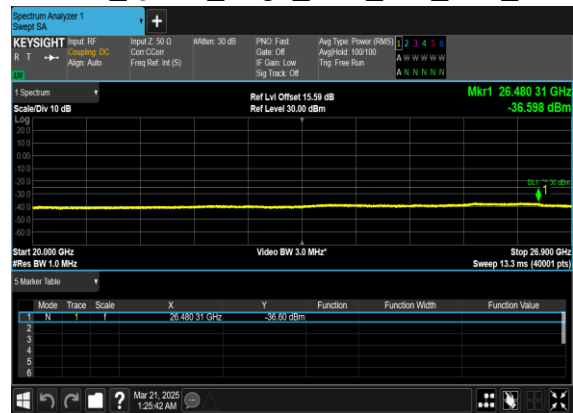
N41(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N41(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

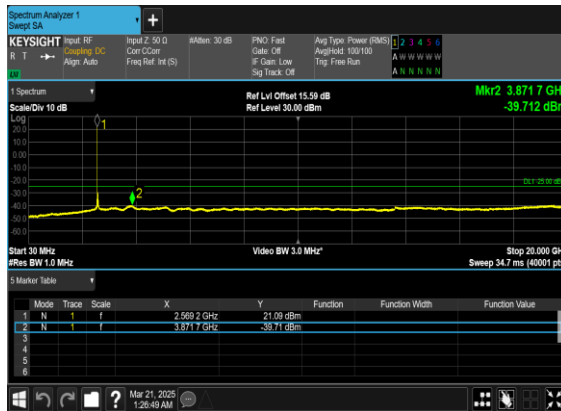


N41(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

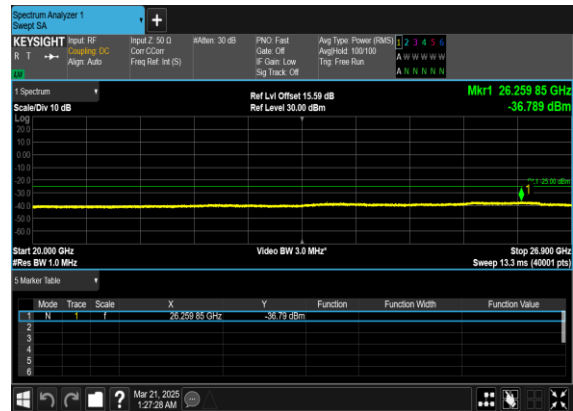




N41(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



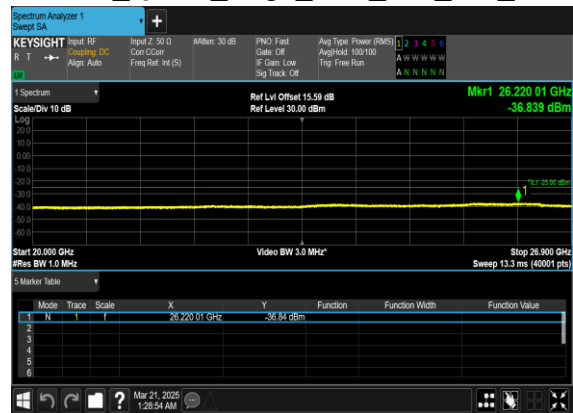
N41(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N41(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

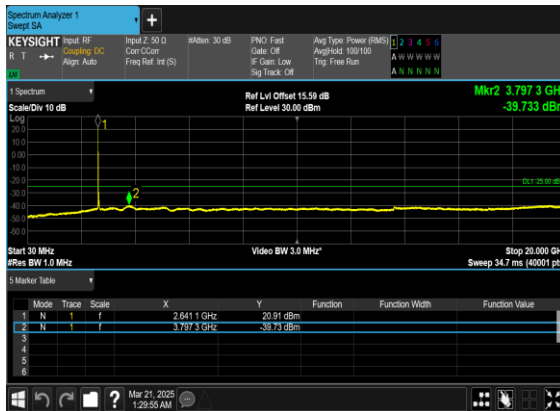


N41(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

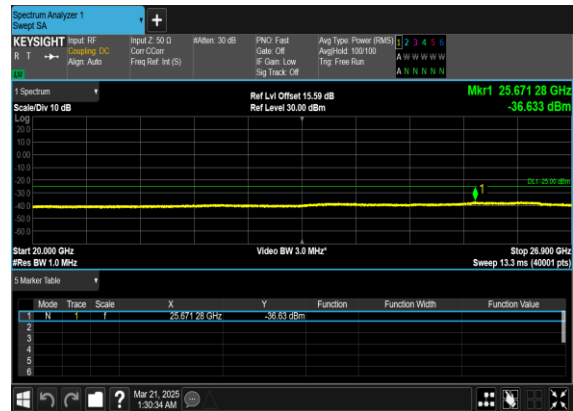




N41(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N41(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N41(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



N41(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



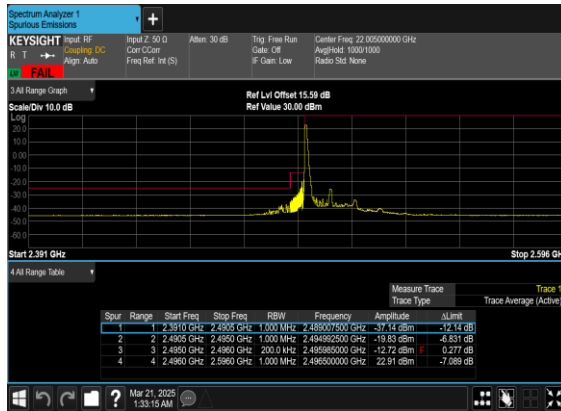


Conducted Band Edge

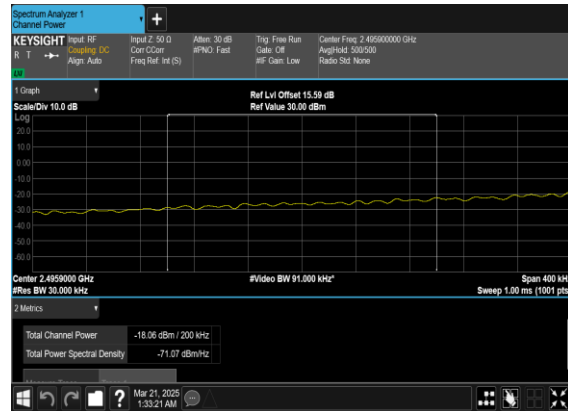
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	15	20	501201	2506.005	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	15	20	501201	2506.005	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	15	20	501201	2506.005	DFT-s-OFDM BPSK	100@0	see graph	PASS
41	15	20	501201	2506.005	DFT-s-OFDM QPSK	100@0	see graph	PASS
41	15	20	535998	2679.99	DFT-s-OFDM BPSK	1@105	see graph	PASS
41	15	20	535998	2679.99	DFT-s-OFDM QPSK	1@105	see graph	PASS
41	15	20	535998	2679.99	DFT-s-OFDM BPSK	100@0	see graph	PASS
41	15	20	535998	2679.99	DFT-s-OFDM QPSK	100@0	see graph	PASS
41	15	50	504201	2521.005	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	15	50	504201	2521.005	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	15	50	504201	2521.005	DFT-s-OFDM BPSK	270@0	see graph	PASS
41	15	50	504201	2521.005	DFT-s-OFDM QPSK	270@0	see graph	PASS
41	15	50	532998	2664.99	DFT-s-OFDM BPSK	1@269	see graph	PASS
41	15	50	532998	2664.99	DFT-s-OFDM QPSK	1@269	see graph	PASS
41	15	50	532998	2664.99	DFT-s-OFDM BPSK	270@0	see graph	PASS
41	15	50	532998	2664.99	DFT-s-OFDM QPSK	270@0	see graph	PASS



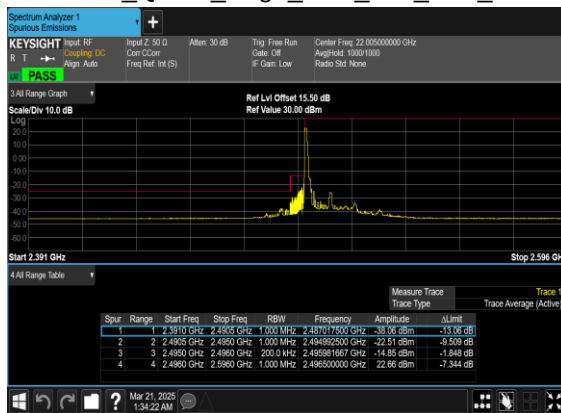
N41(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



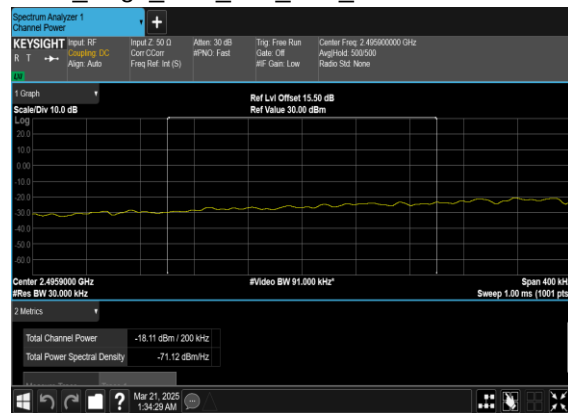
N41(20M)_DFT-s-OFDM_BPSK
_Edge_1RB_Left_Low_CH_CHP_PASS



N41(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

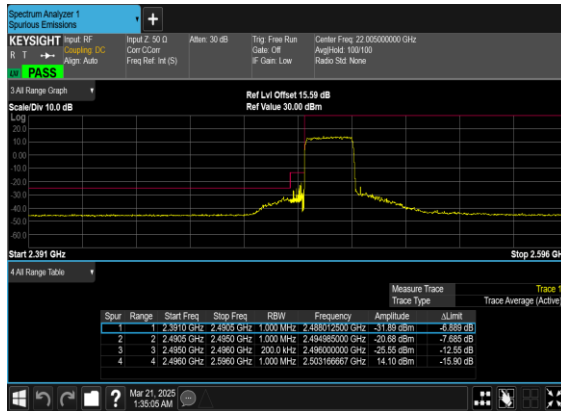


N41(20M)_DFT-s-OFDM_QPSK
_Edge_1RB_Left_Low_CH_CHP_PASS

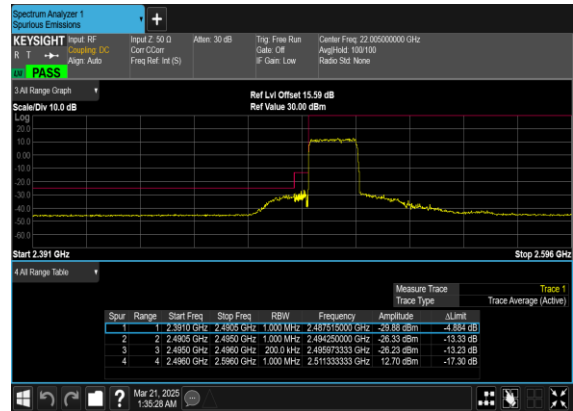




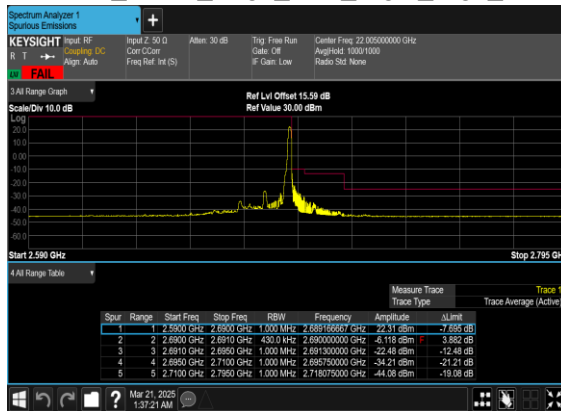
N41(20M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



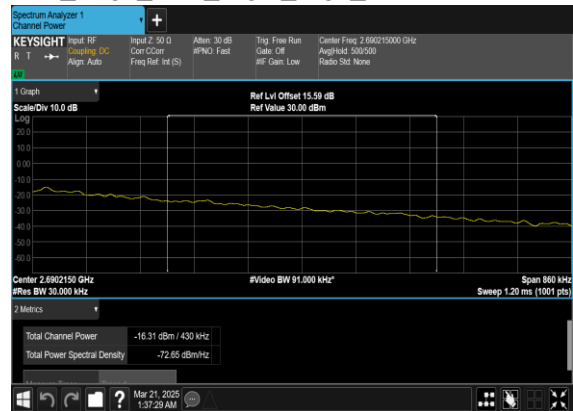
N41(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



N41(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH

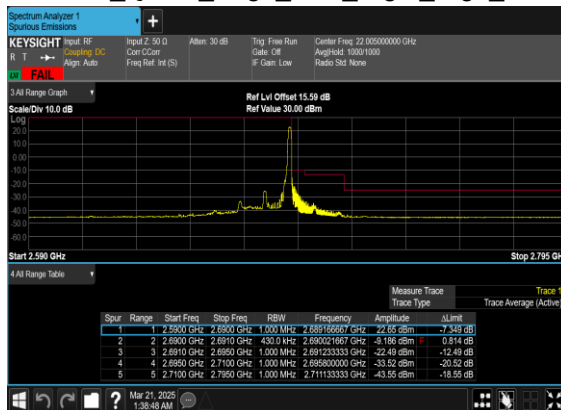


N41(20M)_DFT-s-OFDM_BPSK
_Edge_1RB_Right_High_CH_CHP_PASS

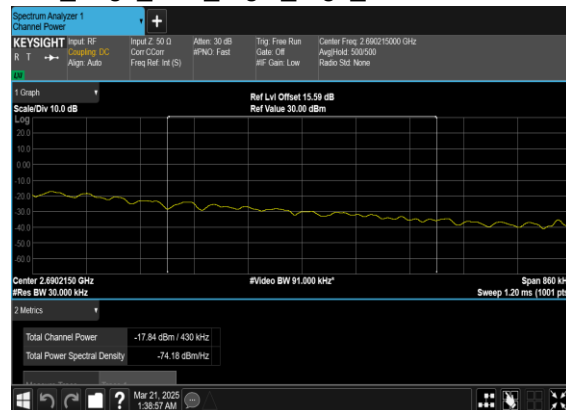




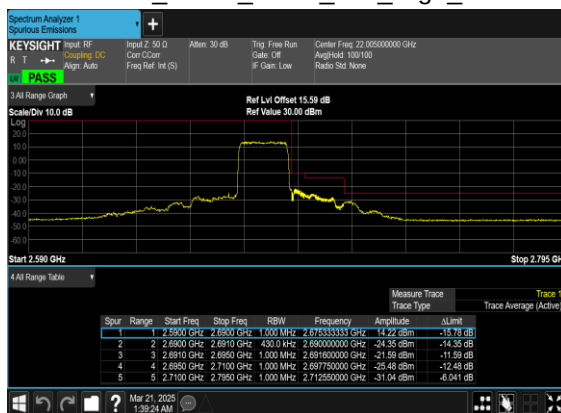
N41(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



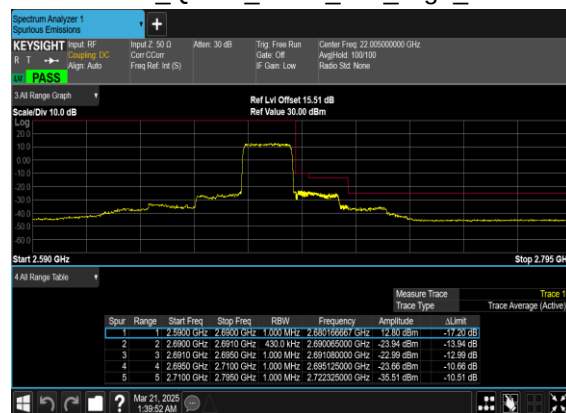
N41(20M)_DFT-s-OFDM_QPSK
_Edge_1RB_Right_High_CH_chP_PASS



N41(20M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

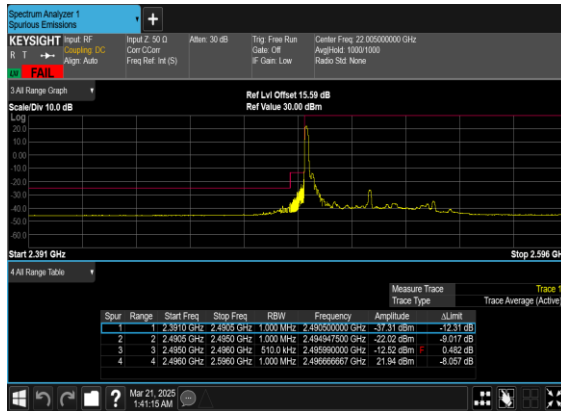


N41(20M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

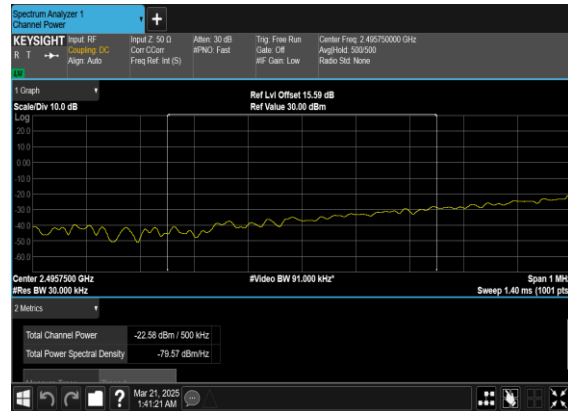




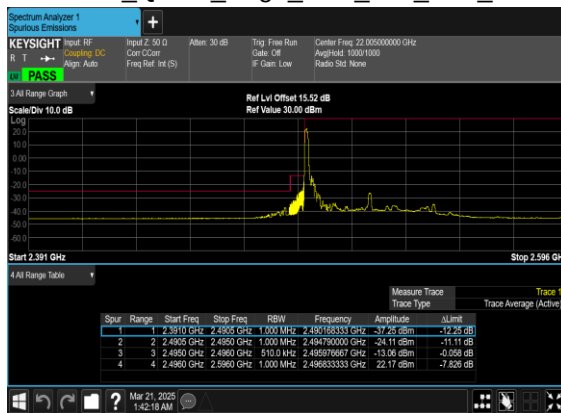
N41(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



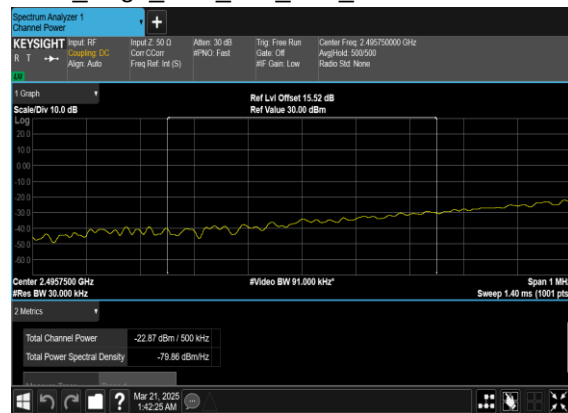
N41(50M)_DFT-s-OFDM_BPSK
_Edge_1RB_Left_Low_CH_CHP_PASS

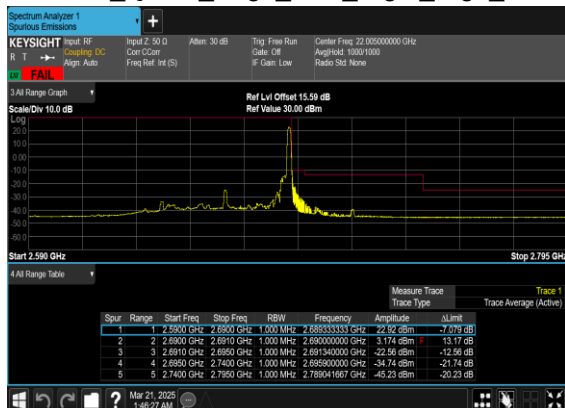
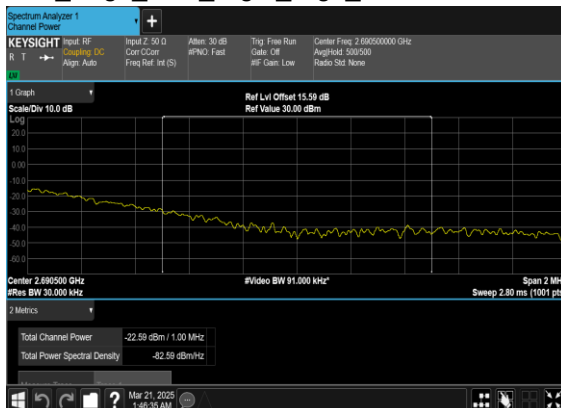
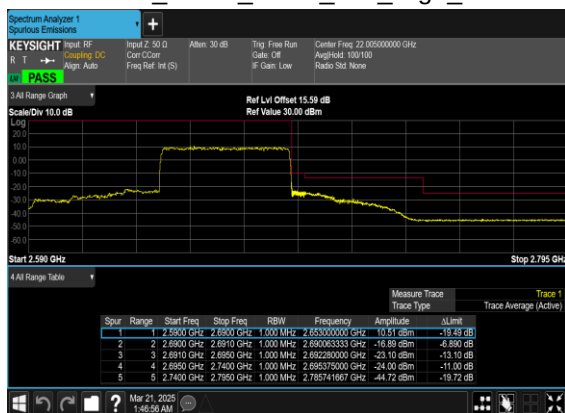
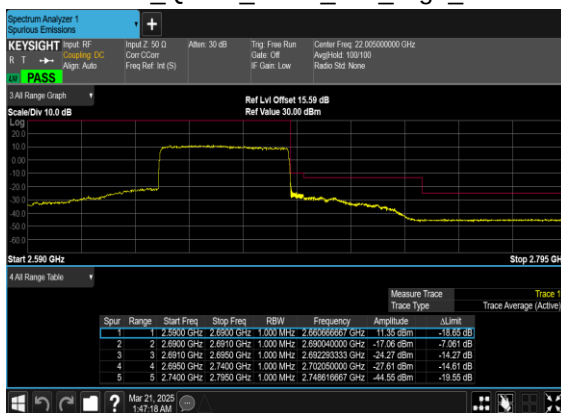


N41(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N41(50M)_DFT-s-OFDM_QPSK
_Edge_1RB_Left_Low_CH_CHP_PASS



N41(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CHN41(50M)_DFT-s-OFDM_QPSK
_Edge_1RB_Right_High_CH_chP_PASSN41(50M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CHN41(50M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



Software Version: 23.06.1602

FR1 N41 - SCS 30kHz**Transmitter Conducted Output Power and EIRP (GT - LC)=4.0dB**

NR Band	SCS	Band Width	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	Conducted Power(W)	EIRP (dBm)	EIRP (W)
41	30	20	501204	2506.02	DFT-s-OFDM PI/2 BPSK	25@12	26.13	0.4102	30.13	1.0304
41	30	20	501204	2506.02	DFT-s-OFDM PI/2 BPSK	1@1	25.66	0.3681	29.66	0.9247
41	30	20	501204	2506.02	DFT-s-OFDM PI/2 BPSK	1@49	25.82	0.3819	29.82	0.9594
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	25@12	26.01	0.3990	30.01	1.0023
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@1	25.78	0.3784	29.78	0.9506
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@49	25.85	0.3846	29.85	0.9661
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	25@12	25	0.3162	29	0.7943
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	1@1	24.79	0.3013	28.79	0.7568
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	1@49	24.94	0.3119	28.94	0.7834
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	25@12	25.99	0.3972	29.99	0.9977
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.96	0.3945	29.96	0.9908
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@49	26.03	0.4009	30.03	1.0069
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	25@12	25.92	0.3908	29.92	0.9817
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.85	0.3846	29.85	0.9661
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@49	25.91	0.3899	29.91	0.9795
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	25@12	24.91	0.3097	28.91	0.7780
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.87	0.3069	28.87	0.7709
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	1@49	24.99	0.3155	28.99	0.7925
41	30	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	25@12	26.18	0.4150	30.18	1.0423
41	30	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	1@1	26.01	0.3990	30.01	1.0023
41	30	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	1@49	25.89	0.3882	29.89	0.9750
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	25@12	26.23	0.4198	30.23	1.0544
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@1	25.92	0.3908	29.92	0.9817
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@49	25.97	0.3954	29.97	0.9931
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	25@12	25.23	0.3334	29.23	0.8375
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	1@1	24.97	0.3141	28.97	0.7889
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	1@49	25.14	0.3266	29.14	0.8204
41	30	60	505200	2526	DFT-s-OFDM PI/2 BPSK	81@40	26.09	0.4064	30.09	1.0209
41	30	60	505200	2526	DFT-s-OFDM PI/2 BPSK	1@1	25.83	0.3828	29.83	0.9616
41	30	60	505200	2526	DFT-s-OFDM PI/2 BPSK	1@160	25.99	0.3972	29.99	0.9977
41	30	60	505200	2526	DFT-s-OFDM QPSK	81@40	26.03	0.4009	30.03	1.0069
41	30	60	505200	2526	DFT-s-OFDM QPSK	1@1	25.79	0.3793	29.79	0.9528
41	30	60	505200	2526	DFT-s-OFDM QPSK	1@160	25.88	0.3873	29.88	0.9727
41	30	60	505200	2526	DFT-s-OFDM 16 QAM	81@40	25.06	0.3206	29.06	0.8054
41	30	60	505200	2526	DFT-s-OFDM 16 QAM	1@1	24.69	0.2944	28.69	0.7396
41	30	60	505200	2526	DFT-s-OFDM 16 QAM	1@160	24.85	0.3055	28.85	0.7674
41	30	60	518598	2592.99	DFT-s-OFDM PI/2 BPSK	81@40	25.99	0.3972	29.99	0.9977
41	30	60	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	26.08	0.4055	30.08	1.0186
41	30	60	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@160	26.24	0.4207	30.24	1.0568



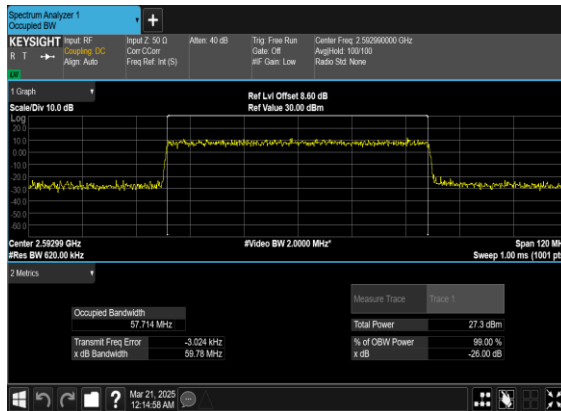
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	81@40	25.96	0.3945	29.96	0.9908
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.94	0.3926	29.94	0.9863
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@160	26.33	0.4295	30.33	1.0789
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	81@40	25	0.3162	29	0.7943
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.77	0.2999	28.77	0.7534
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	1@160	25.28	0.3373	29.28	0.8472
41	30	60	531996	2659.98	DFT-s-OFDM PI/2 BPSK	81@40	25.88	0.3873	29.88	0.9727
41	30	60	531996	2659.98	DFT-s-OFDM PI/2 BPSK	1@1	25.89	0.3882	29.89	0.9750
41	30	60	531996	2659.98	DFT-s-OFDM PI/2 BPSK	1@160	26.13	0.4102	30.13	1.0304
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	81@40	25.97	0.3954	29.97	0.9931
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@1	25.74	0.3750	29.74	0.9419
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@160	26.06	0.4036	30.06	1.0139
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	81@40	25.01	0.3170	29.01	0.7962
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	1@1	24.89	0.3083	28.89	0.7745
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	1@160	25.28	0.3373	29.28	0.8472
41	30	90	508200	2541	DFT-s-OFDM PI/2 BPSK	120@60	26.02	0.3999	30.02	1.0046
41	30	90	508200	2541	DFT-s-OFDM PI/2 BPSK	1@1	25.42	0.3483	29.42	0.8750
41	30	90	508200	2541	DFT-s-OFDM PI/2 BPSK	1@243	25.43	0.3491	29.43	0.8770
41	30	90	508200	2541	DFT-s-OFDM QPSK	120@60	25.95	0.3936	29.95	0.9886
41	30	90	508200	2541	DFT-s-OFDM QPSK	1@1	25.37	0.3443	29.37	0.8650
41	30	90	508200	2541	DFT-s-OFDM QPSK	1@243	25.38	0.3451	29.38	0.8670
41	30	90	508200	2541	DFT-s-OFDM 16 QAM	120@60	24.97	0.3141	28.97	0.7889
41	30	90	508200	2541	DFT-s-OFDM 16 QAM	1@1	24.15	0.2600	28.15	0.6531
41	30	90	508200	2541	DFT-s-OFDM 16 QAM	1@243	24.36	0.2729	28.36	0.6855
41	30	90	518598	2592.99	DFT-s-OFDM PI/2 BPSK	120@60	25.96	0.3945	29.96	0.9908
41	30	90	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.52	0.3565	29.52	0.8954
41	30	90	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@243	25.76	0.3767	29.76	0.9462
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	120@60	25.88	0.3873	29.88	0.9727
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.4	0.3467	29.4	0.8710
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	1@243	25.7	0.3715	29.7	0.9333
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	120@60	24.94	0.3119	28.94	0.7834
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.18	0.2618	28.18	0.6577
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	1@243	24.56	0.2858	28.56	0.7178
41	30	90	528996	2644.98	DFT-s-OFDM PI/2 BPSK	120@60	26.03	0.4009	30.03	1.0069
41	30	90	528996	2644.98	DFT-s-OFDM PI/2 BPSK	1@1	25.04	0.3192	29.04	0.8017
41	30	90	528996	2644.98	DFT-s-OFDM PI/2 BPSK	1@243	25.79	0.3793	29.79	0.9528
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	120@60	25.91	0.3899	29.91	0.9795
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	1@1	24.98	0.3148	28.98	0.7907
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	1@243	25.77	0.3776	29.77	0.9484
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	120@60	24.92	0.3105	28.92	0.7798
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	1@1	24.29	0.2685	28.29	0.6745
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	1@243	25.02	0.3177	29.02	0.7980



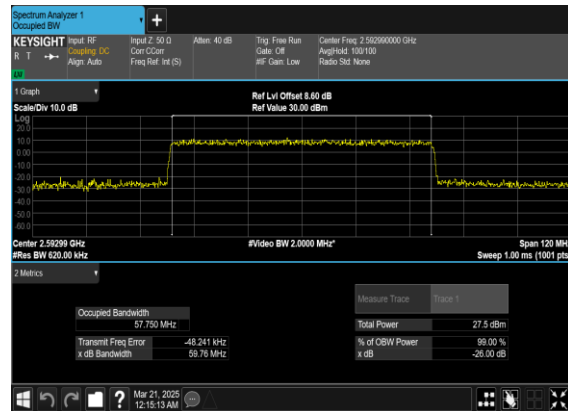
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
41	30	60	518598	2592.99	CP-OFDM QPSK	162@0	57.714	59.78
41	30	60	518598	2592.99	CP-OFDM 16 QAM	162@0	57.75	59.76
41	30	60	518598	2592.99	CP-OFDM 64 QAM	162@0	57.857	59.61
41	30	60	518598	2592.99	CP-OFDM 256 QAM	162@0	57.774	59.71
41	30	90	518598	2592.99	CP-OFDM QPSK	245@0	87.46	90.34
41	30	90	518598	2592.99	CP-OFDM 16 QAM	245@0	87.525	90.3
41	30	90	518598	2592.99	CP-OFDM 64 QAM	245@0	87.579	90.3
41	30	90	518598	2592.99	CP-OFDM 256 QAM	245@0	87.656	90.28

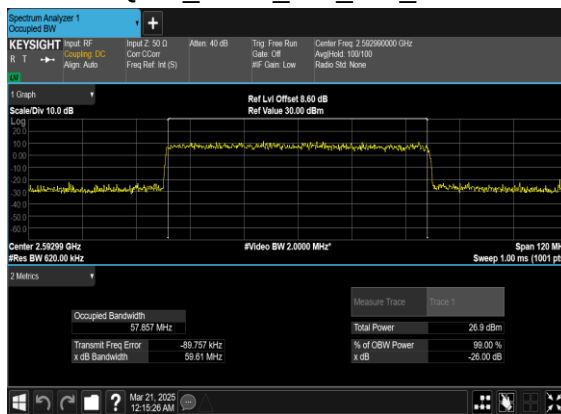
N41(60M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



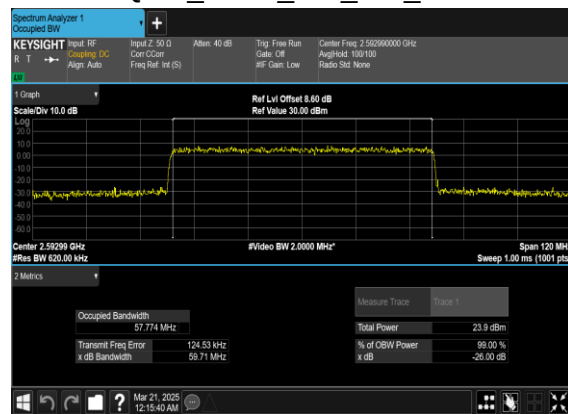
N41(60M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N41(60M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

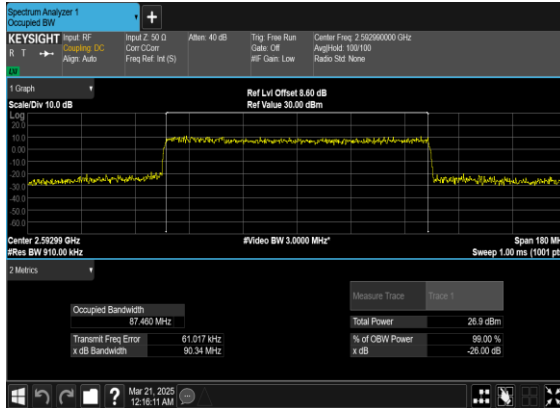


N41(60M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

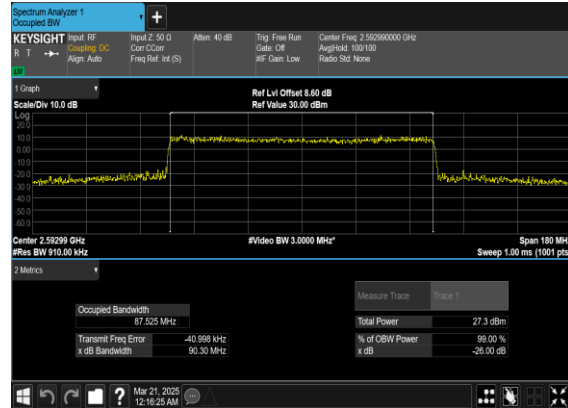




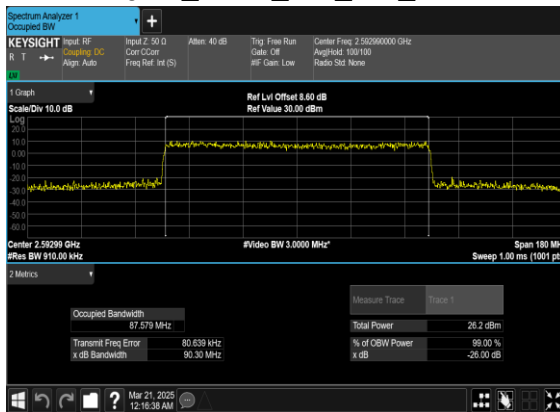
N41(90M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



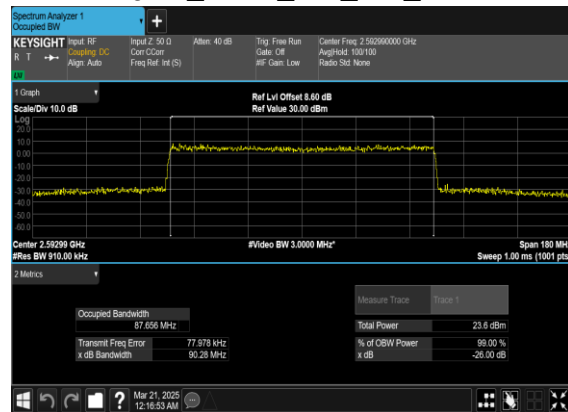
N41(90M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N41(90M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N41(90M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



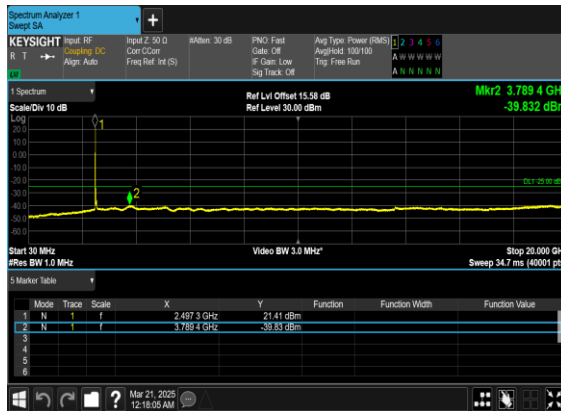


Conducted Spurious Emissions

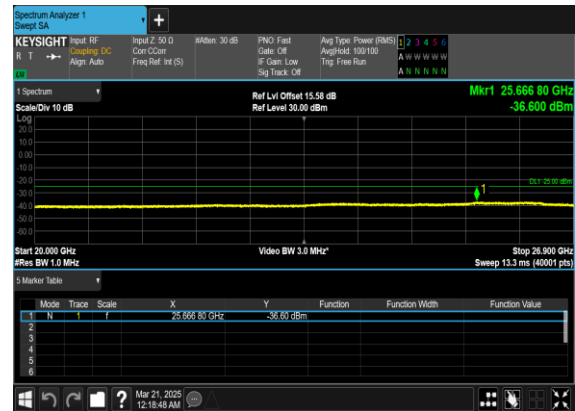
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	30	60	505200	2526.0	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	60	505200	2526.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	60	505200	2526.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	60	505200	2526.0	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	60	505200	2526.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	60	505200	2526.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	60	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	60	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	60	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	60	531996	2659.98	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	60	531996	2659.98	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	60	531996	2659.98	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	90	508200	2541.0	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	90	508200	2541.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	90	508200	2541.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	90	508200	2541.0	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	90	508200	2541.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	90	508200	2541.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	90	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	90	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	90	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	90	528996	2644.98	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	90	528996	2644.98	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	90	528996	2644.98	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	1@0	see graph	PASS



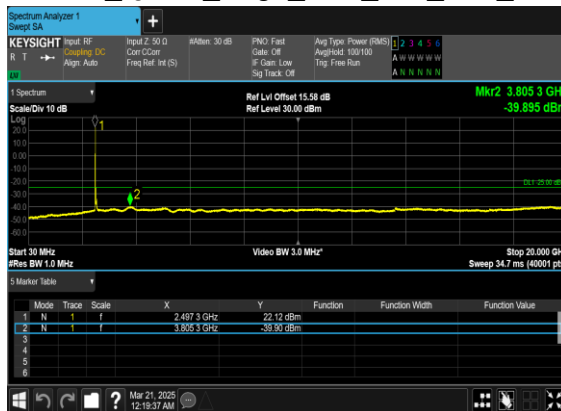
N41(60M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



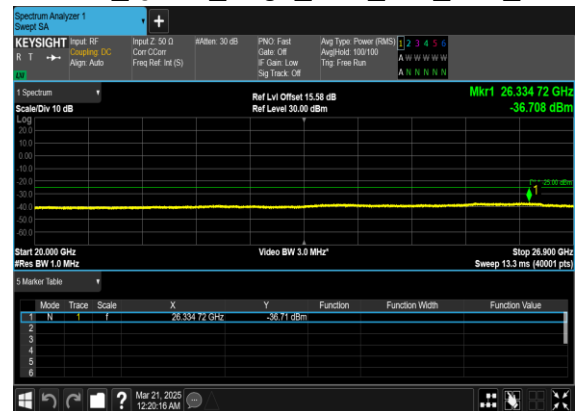
N41(60M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N41(60M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

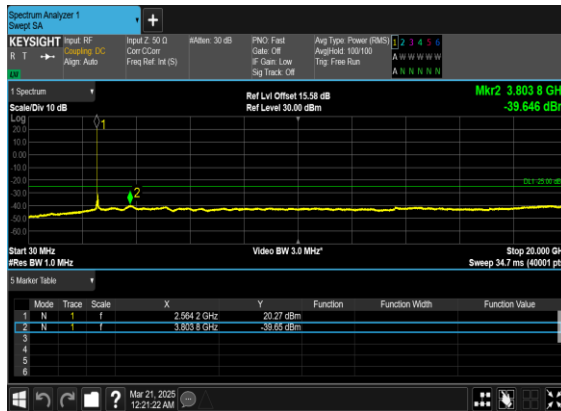


N41(60M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

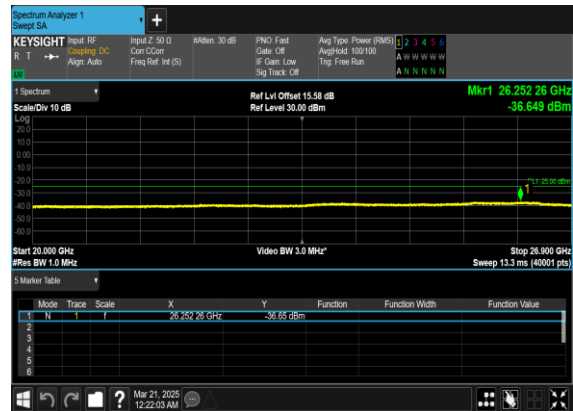




N41(60M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



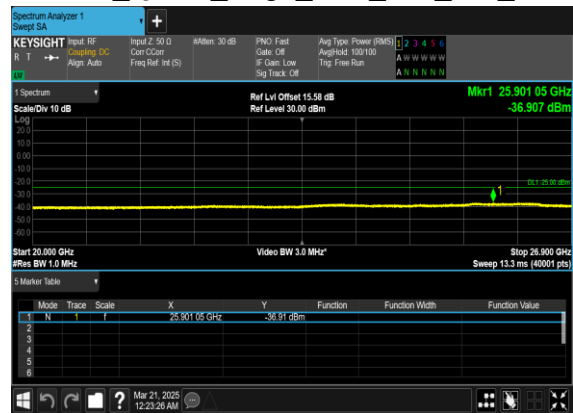
N41(60M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N41(60M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

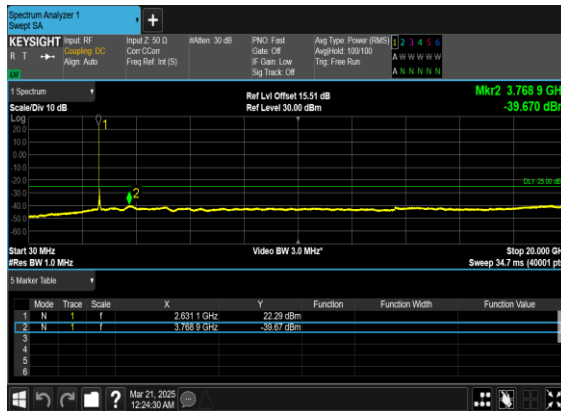


N41(60M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

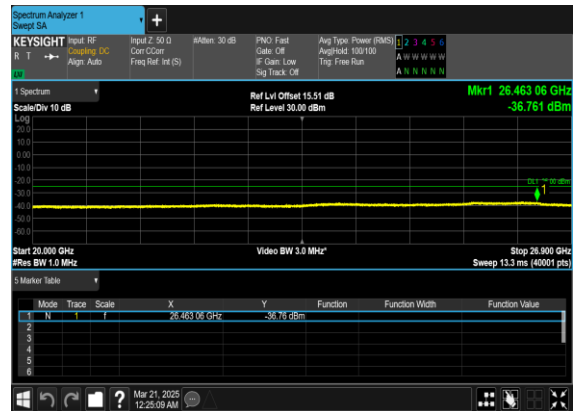




N41(60M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N41(60M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N41(60M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

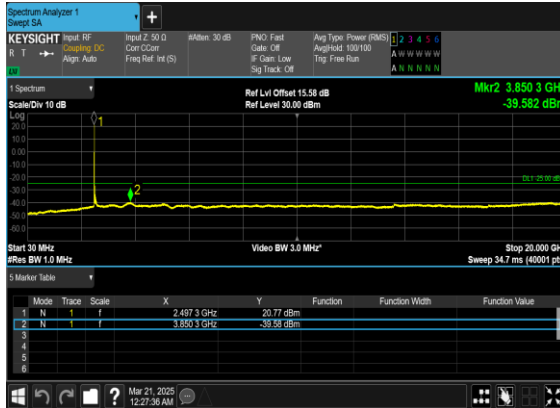


N41(60M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

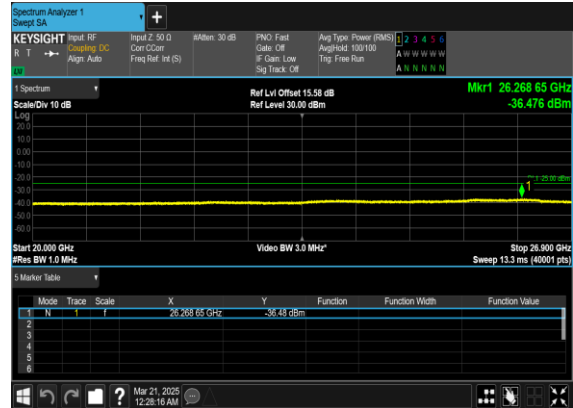




N41(90M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N41(90M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N41(90M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N41(90M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

