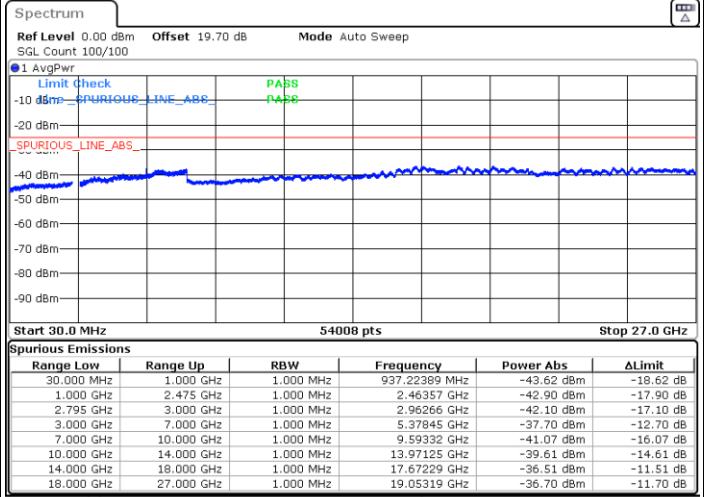
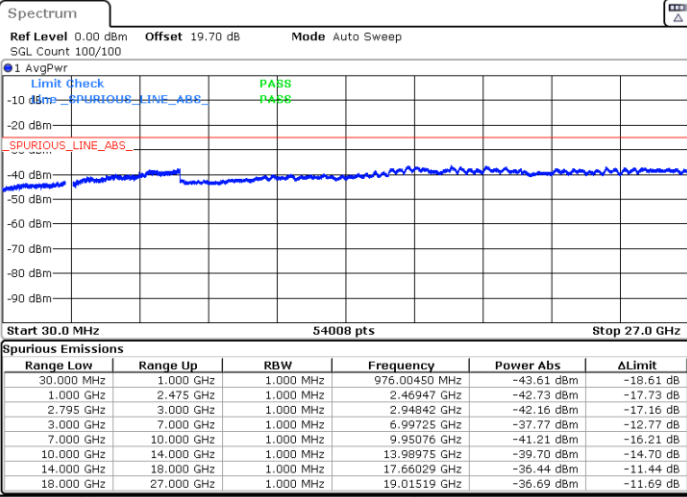


FR1 n41 / 20MHz / CP OFDM / 16QAM

Lowest Channel / 1RB1

Middle Channel / 1RB1

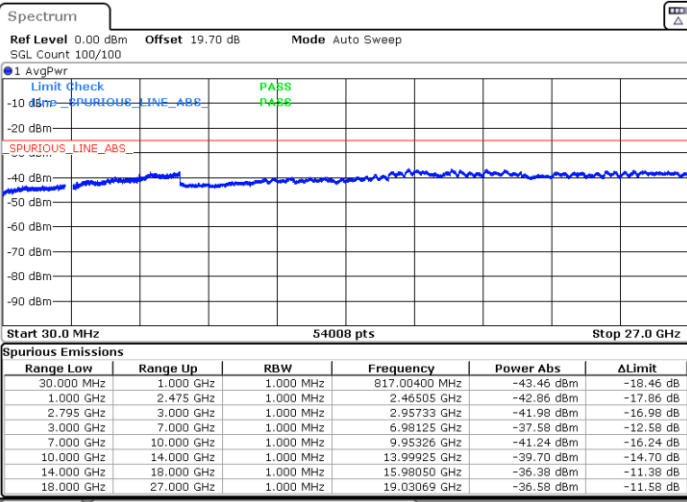


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Date: 12.FEB.2023 19:10:38

Highest Channel / 1RB1

NA



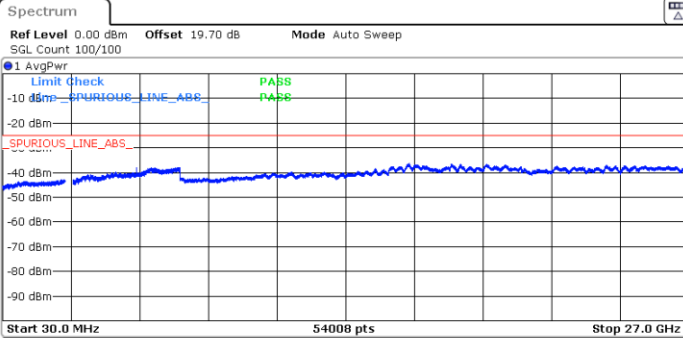
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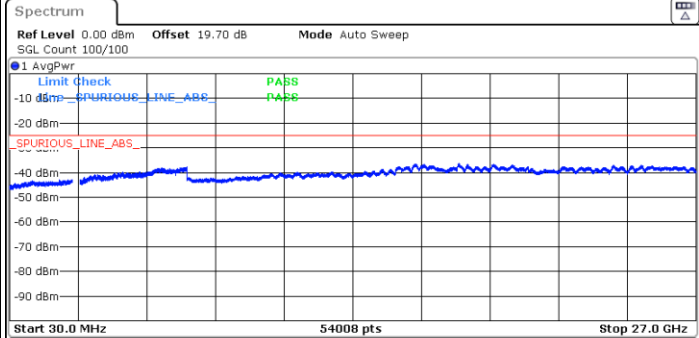
FR1 n41 /50MHz / CP OFDM / QPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	966.30935 MHz	-43.50 dBm	-18.50 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46210 GHz	-42.89 dBm	-17.89 dB
2.795 GHz	3.000 GHz	1.000 MHz	2.95180 GHz	-42.11 dBm	-17.11 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87627 GHz	-37.92 dBm	-12.92 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.96926 GHz	-41.29 dBm	-16.29 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.99975 GHz	-39.74 dBm	-14.74 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.99600 GHz	-35.26 dBm	-11.26 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.03219 GHz	-36.70 dBm	-11.70 dB



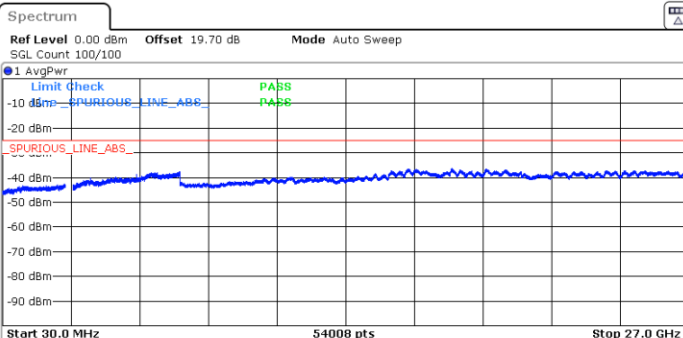
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	929.46777 MHz	-43.43 dBm	-18.43 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47021 GHz	-42.79 dBm	-17.79 dB
2.795 GHz	3.000 GHz	1.000 MHz	2.95948 GHz	-42.04 dBm	-17.04 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99325 GHz	-37.68 dBm	-12.68 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.96476 GHz	-41.14 dBm	-16.14 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.99025 GHz	-39.59 dBm	-14.59 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.66679 GHz	-36.32 dBm	-11.32 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.01825 GHz	-36.70 dBm	-11.70 dB

Date: 12.FEB.2023 19:38:12

Date: 12.FEB.2023 19:41:31

Highest Channel / 1RB1

NA



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	830.09245 MHz	-43.45 dBm	-18.45 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.45989 GHz	-42.60 dBm	-17.60 dB
2.795 GHz	3.000 GHz	1.000 MHz	2.96133 GHz	-42.16 dBm	-17.16 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95576 GHz	-37.78 dBm	-12.78 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.94926 GHz	-41.14 dBm	-16.14 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.99325 GHz	-39.53 dBm	-14.53 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.68029 GHz	-36.32 dBm	-11.32 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.02969 GHz	-36.67 dBm	-11.67 dB

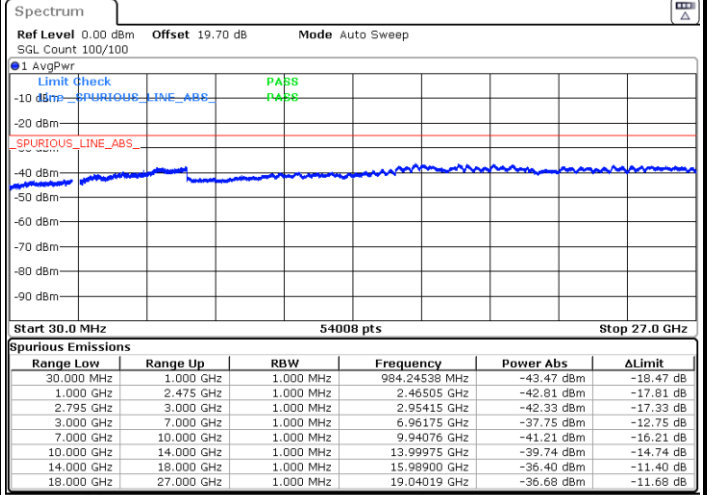
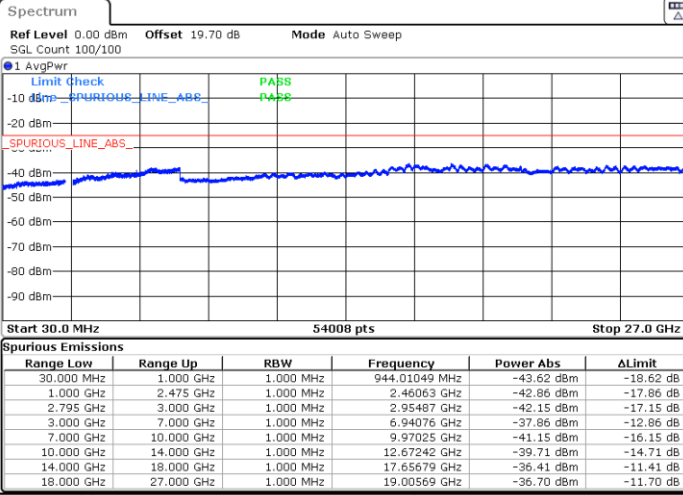
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FR1 n41 /50MHz / CP OFDM /16QAM

Lowest Channel / 1RB1

Middle Channel / 1RB1

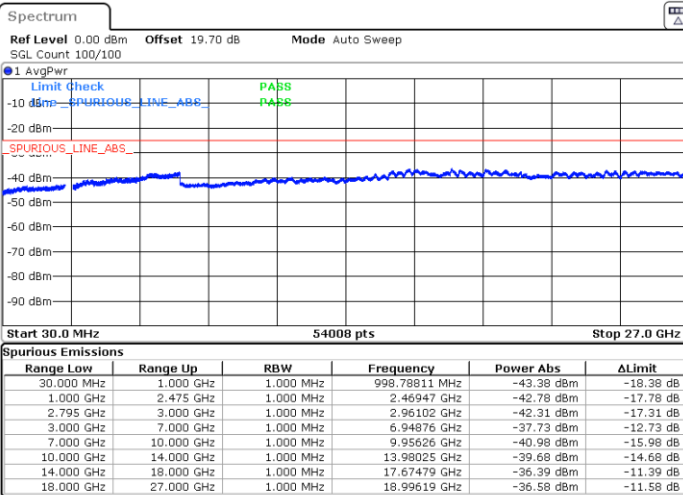


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Date: 12.FEB.2023 19:40:12

Highest Channel / 1RB1

NA



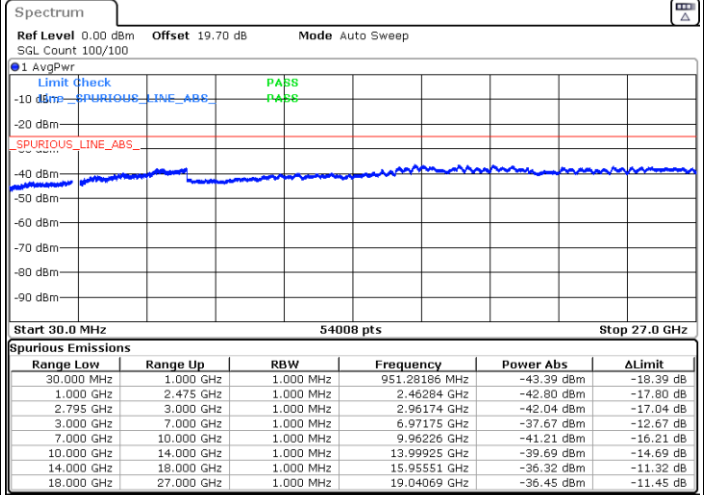
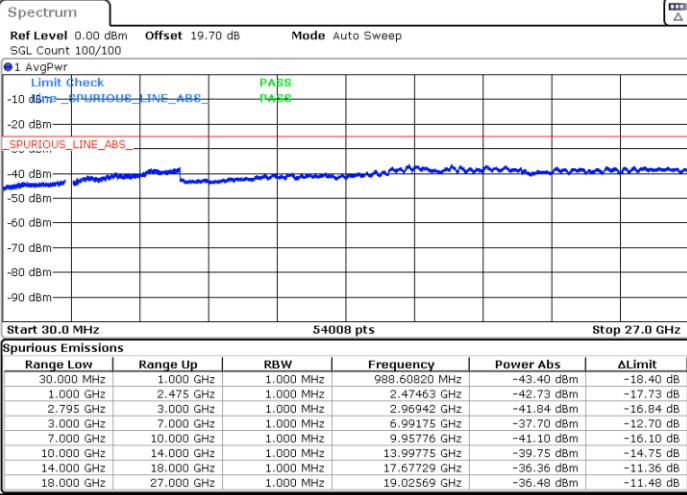
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FR1 n41 /100MHz / CP OFDM / QPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

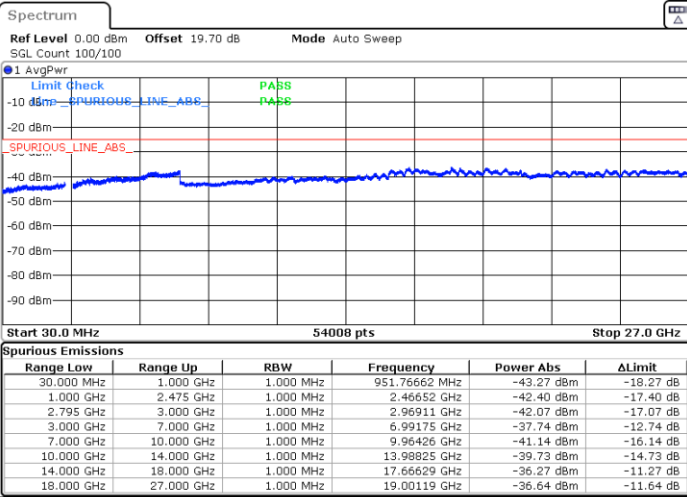


Date: 13.FEB.2023 07:51:52

Date: 13.FEB.2023 07:57:40

Highest Channel / 1RB1

NA



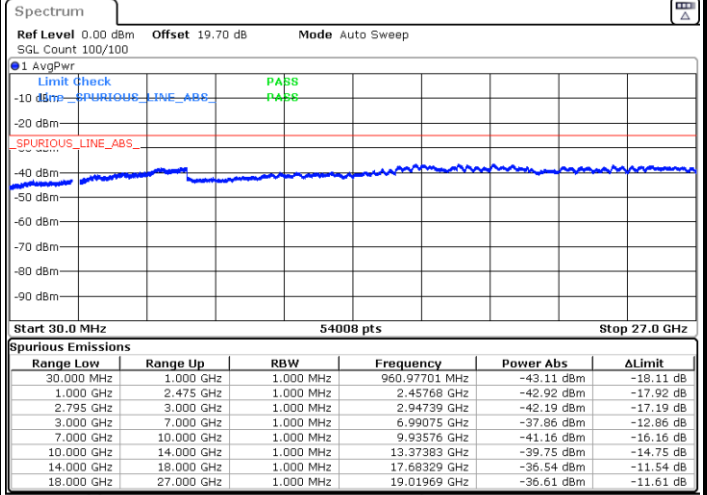
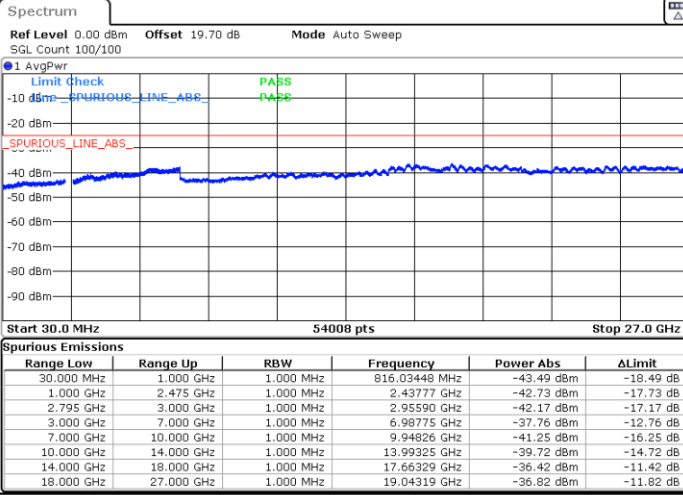
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NA

FR1 n41 /100MHz / CP OFDM /16QAM

Lowest Channel / 1RB1

Middle Channel / 1RB1

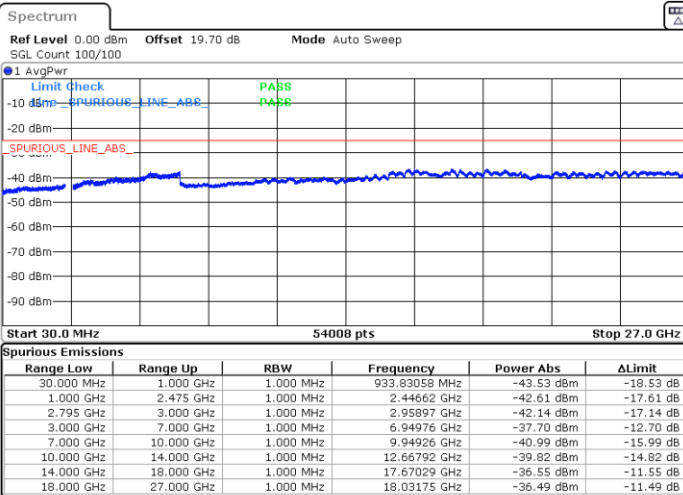


Date: 13.FEB.2023 07:53:27

Date: 13.FEB.2023 07:55:41

Highest Channel / 1RB1

NA



Date: 13.FEB.2023 08:04:03

NA

Frequency Stability

Test Conditions		FR1 n41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0041	PASS
40	Normal Voltage	0.0029	
30	Normal Voltage	0.0035	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0020	
0	Normal Voltage	0.0031	
-10	Normal Voltage	0.0046	
-20	Normal Voltage	0.0011	
-30	Normal Voltage	0.0010	
20	Maximum Voltage	0.0035	
20	Normal Voltage	0.0026	
20	Battery End Point	0.0031	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.3 V. ; Maximum Voltage =4.3 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

FR1 N66 (Main PA)

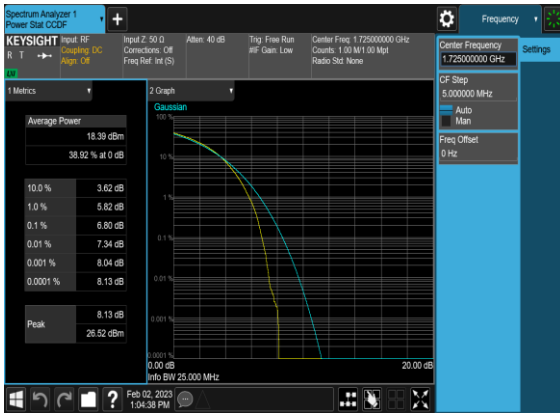
Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0036	PASS	NV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0051	PASS	LV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0041	PASS	HV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0033	PASS	-30°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0028	PASS	-20°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0070	PASS	-10°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0061	PASS	0°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0054	PASS	10°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0036	PASS	20°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0053	PASS	30°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0055	PASS	40°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0061	PASS	50°C

Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
66	15	40	349000	1745.0	DFT-s-OFDM PI/2 BPSK	216@0	6.8	13	PASS
66	15	40	349000	1745.0	DFT-s-OFDM PI/2 BPSK	1@0	4.31	13	PASS
66	15	40	349000	1745.0	DFT-s-OFDM QPSK	216@0	7.27	13	PASS
66	15	40	349000	1745.0	DFT-s-OFDM QPSK	1@0	5.18	13	PASS

N66(40M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



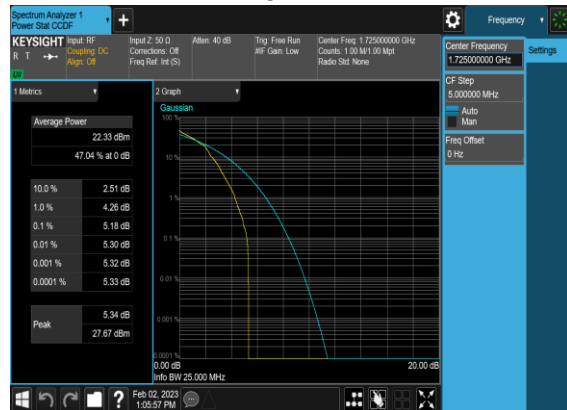
N66(40M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Mid_CH



N66(40M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

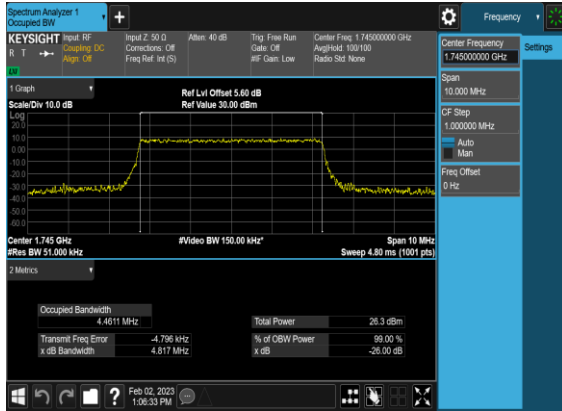


Occupied Bandwidth

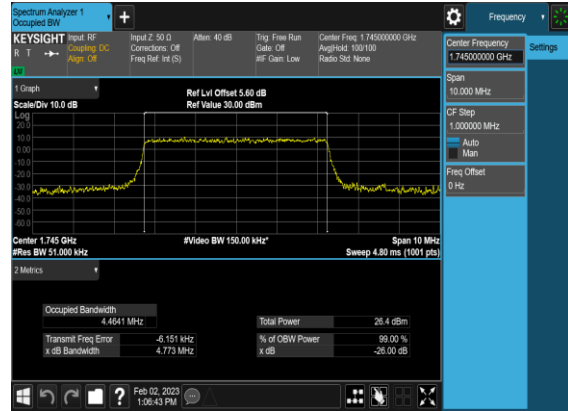
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
66	15	5	349000	1745.0	CP-OFDM QPSK	25@0	4.4611	4.817
66	15	5	349000	1745.0	CP-OFDM 16 QAM	25@0	4.4641	4.773
66	15	5	349000	1745.0	CP-OFDM 64 QAM	25@0	4.4629	4.849
66	15	5	349000	1745.0	CP-OFDM 256 QAM	25@0	4.4576	4.817
66	15	10	349000	1745.0	CP-OFDM QPSK	52@0	9.2823	9.775
66	15	10	349000	1745.0	CP-OFDM 16 QAM	52@0	9.2742	9.792
66	15	10	349000	1745.0	CP-OFDM 64 QAM	52@0	9.2859	9.764
66	15	10	349000	1745.0	CP-OFDM 256 QAM	52@0	9.2945	9.871
66	15	15	349000	1745.0	CP-OFDM QPSK	79@0	14.087	14.81
66	15	15	349000	1745.0	CP-OFDM 16 QAM	79@0	14.1	14.77
66	15	15	349000	1745.0	CP-OFDM 64 QAM	79@0	14.121	14.77
66	15	15	349000	1745.0	CP-OFDM 256 QAM	79@0	14.075	14.81
66	15	20	349000	1745.0	CP-OFDM QPSK	106@0	18.938	19.72
66	15	20	349000	1745.0	CP-OFDM 16 QAM	106@0	18.913	19.83
66	15	20	349000	1745.0	CP-OFDM 64 QAM	106@0	18.94	19.85
66	15	20	349000	1745.0	CP-OFDM 256 QAM	106@0	18.907	19.59
66	15	25	349000	1745.0	CP-OFDM QPSK	133@0	23.713	24.58
66	15	25	349000	1745.0	CP-OFDM 16 QAM	133@0	23.708	24.8
66	15	25	349000	1745.0	CP-OFDM 64 QAM	133@0	23.736	24.63
66	15	25	349000	1745.0	CP-OFDM 256 QAM	133@0	23.729	24.75
66	15	30	349000	1745.0	CP-OFDM QPSK	160@0	28.506	29.51
66	15	30	349000	1745.0	CP-OFDM 16 QAM	160@0	28.619	29.65
66	15	30	349000	1745.0	CP-OFDM 64 QAM	160@0	28.526	29.55
66	15	30	349000	1745.0	CP-OFDM 256 QAM	160@0	28.555	29.61
66	15	40	349000	1745.0	CP-OFDM QPSK	216@0	38.528	39.86

66	15	40	349000	1745.0	CP-OFDM 16 QAM	216@0	38.414	39.83
66	15	40	349000	1745.0	CP-OFDM 64 QAM	216@0	38.511	39.93
66	15	40	349000	1745.0	CP-OFDM 256 QAM	216@0	38.482	39.82

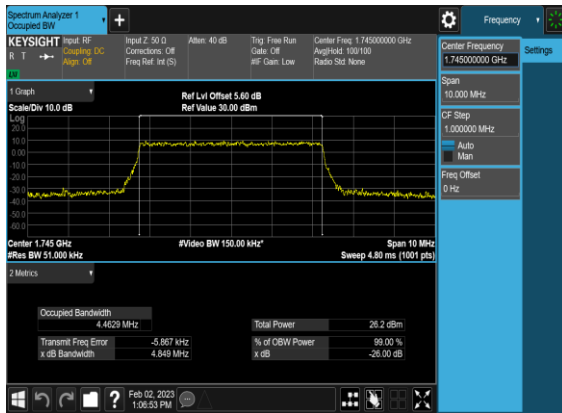
N66(5M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



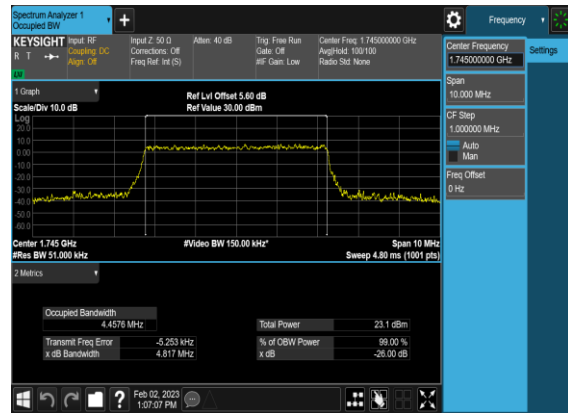
N66(5M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



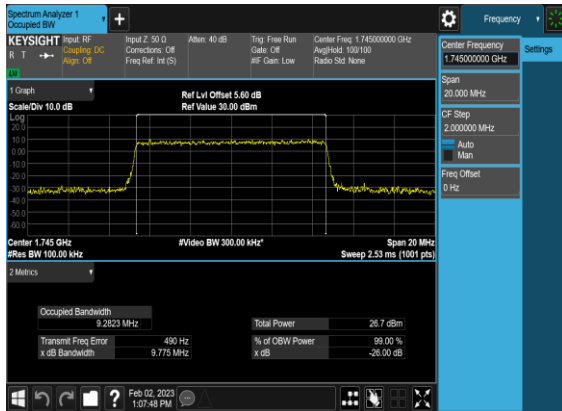
N66(5M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



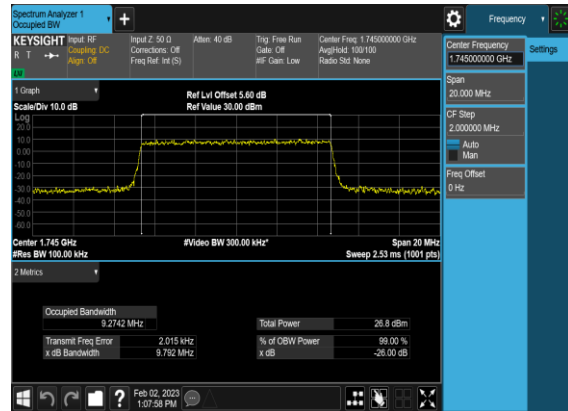
N66(5M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



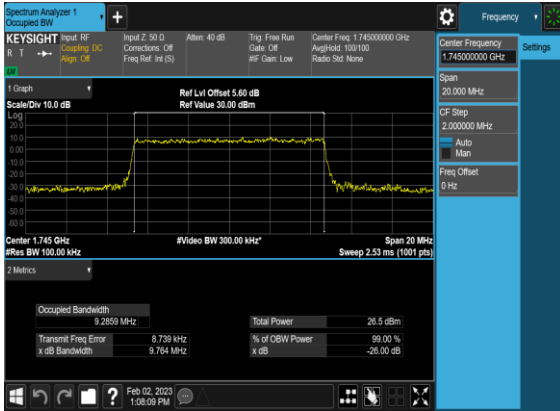
N66(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



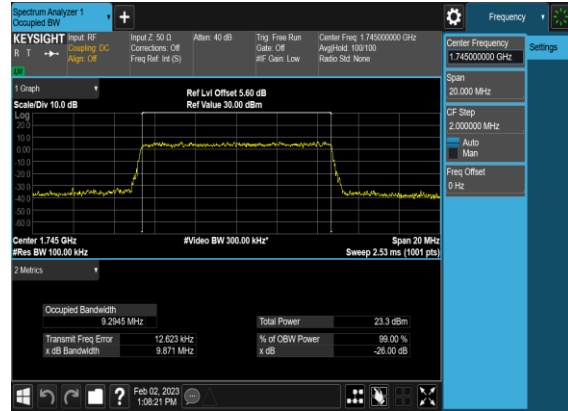
N66(10M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



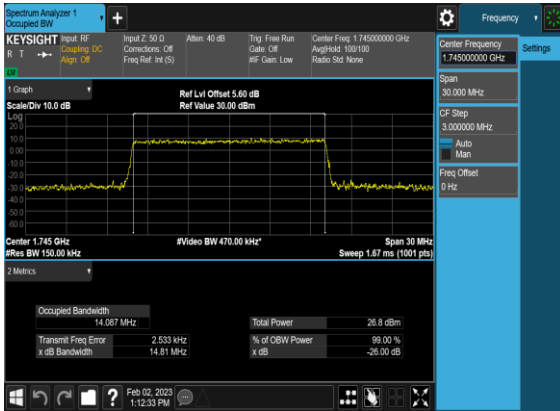
N66(10M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



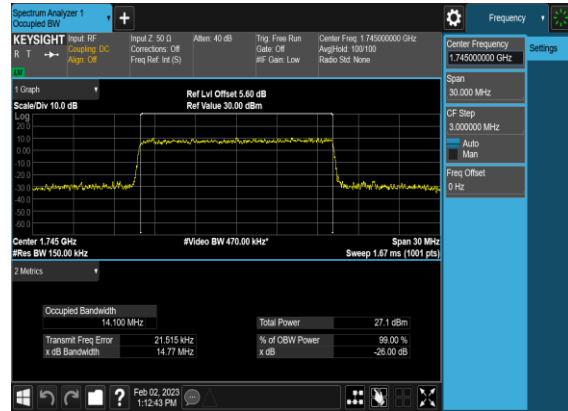
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QAM_Outer_Full_Mid_CH



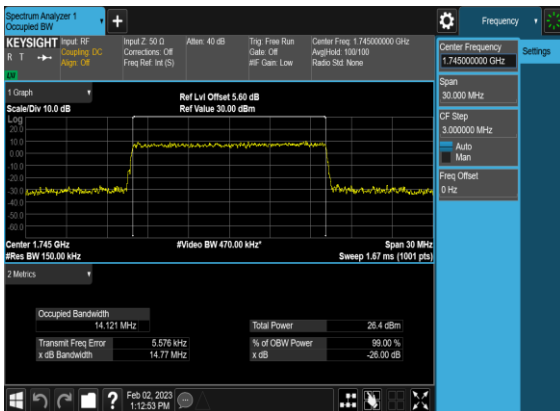
N66(15M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



N66(15M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



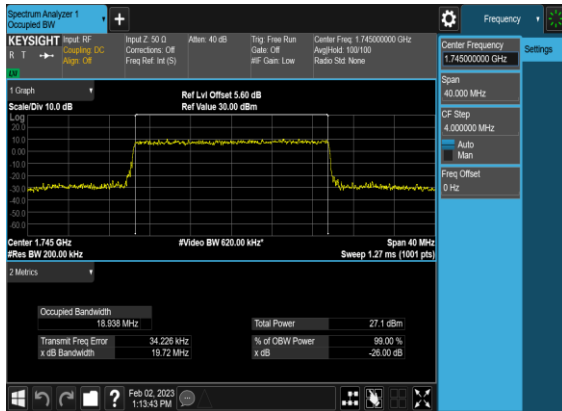
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QAM_Outer_Full_Mid_CH



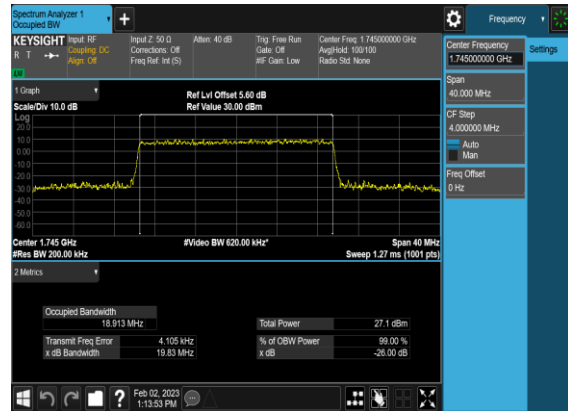
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QAM_Outer_Full_Mid_CH



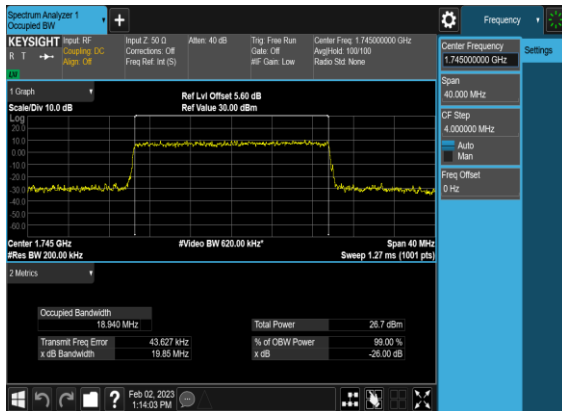
N66(20M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



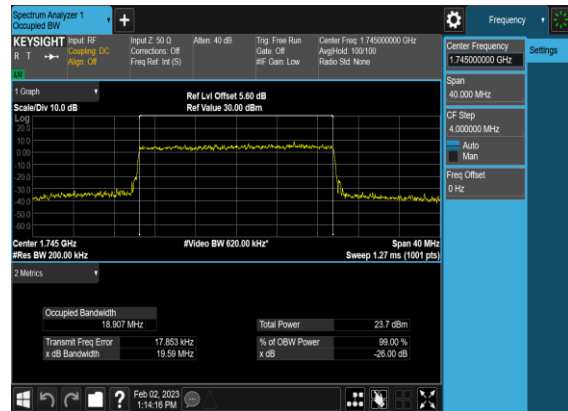
N66(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



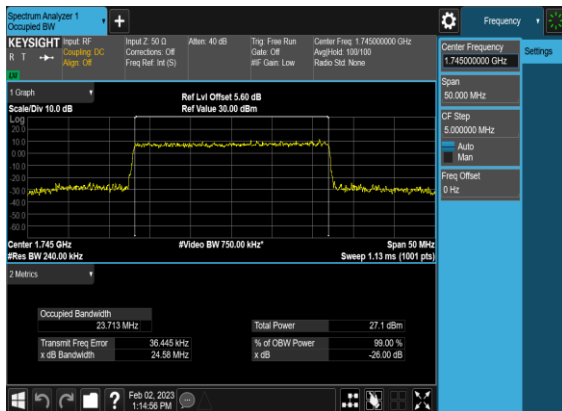
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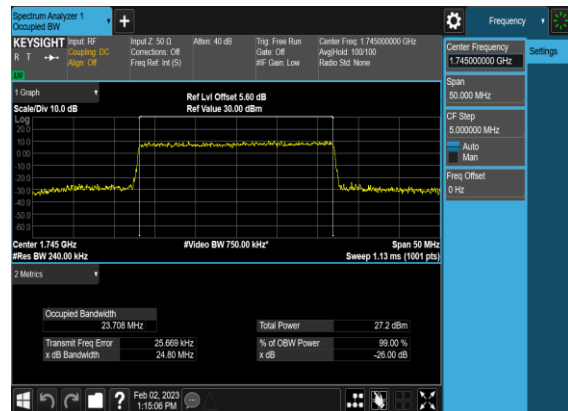
N66(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



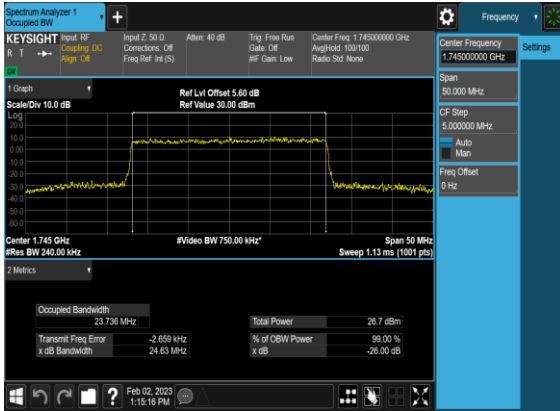
N66(25M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



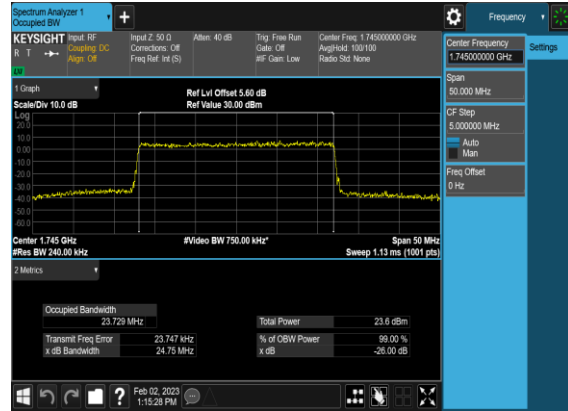
N66(25M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



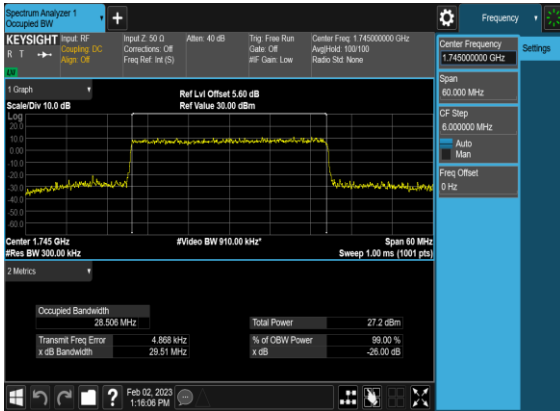
N66(25M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



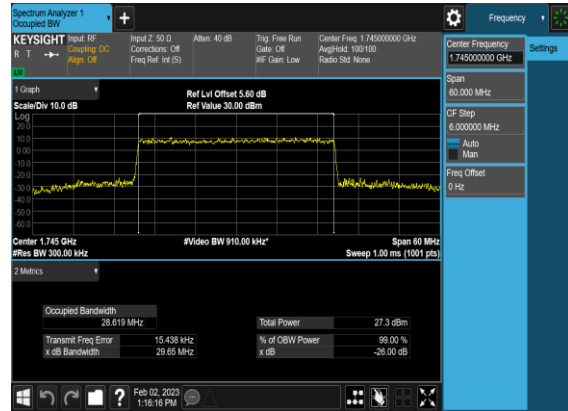
N66(25M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



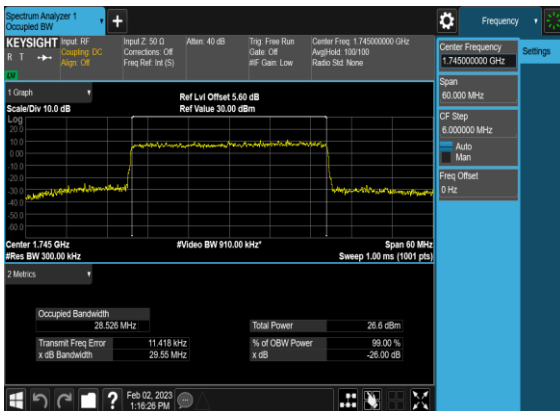
N66(30M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



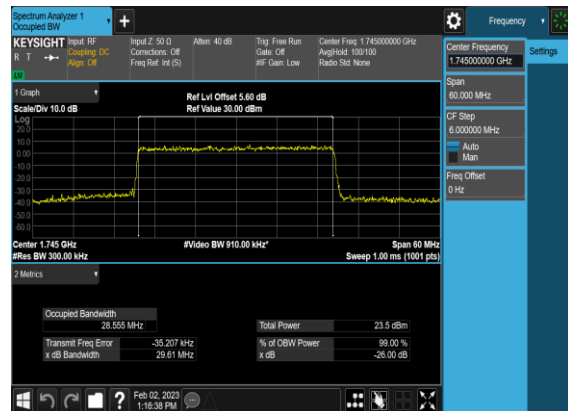
N66(30M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



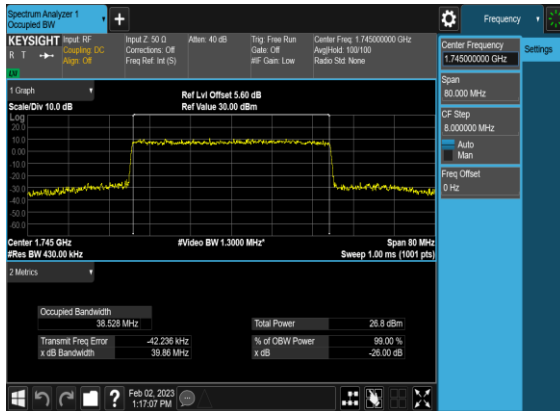
N66(30M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



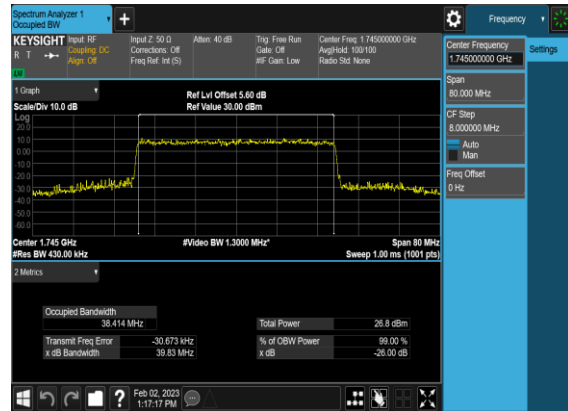
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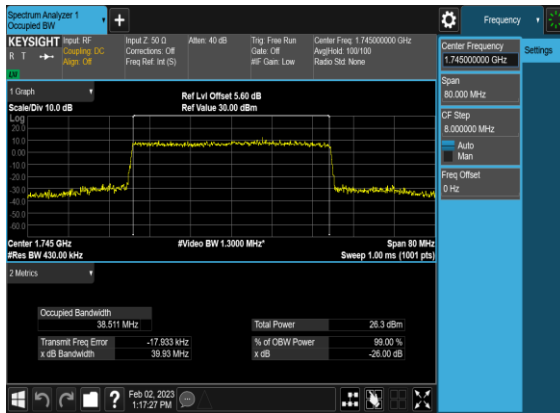
N66(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



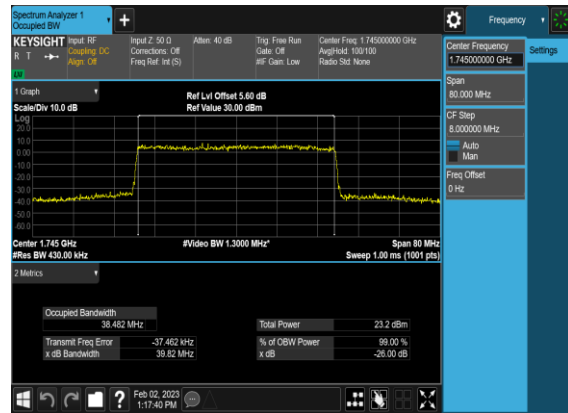
N66(40M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N66(40M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N66(40M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

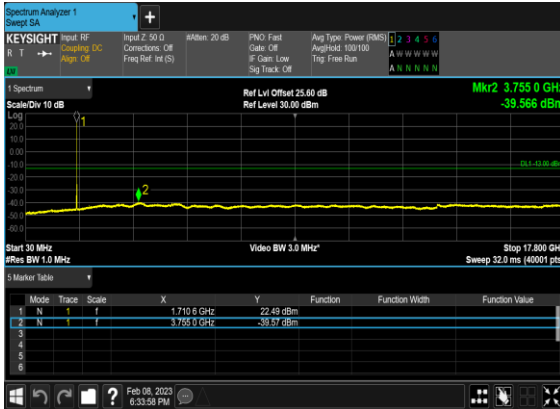


Conducted Spurious Emissions

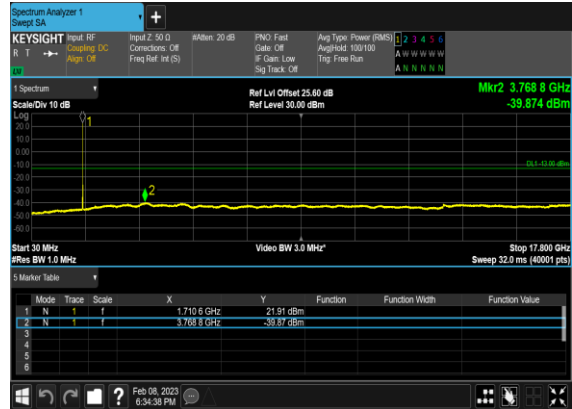
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	5	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	5	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	5	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	5	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	20	344000	1720.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	20	344000	1720.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	20	344000	1720.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	20	344000	1720.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	20	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	20	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	20	354000	1770.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	20	354000	1770.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	20	354000	1770.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	20	354000	1770.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	40	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	40	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	PASS

66	15	40	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	40	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	40	352000	1760.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	40	352000	1760.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	40	352000	1760.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	40	352000	1760.0	DFT-s-OFDM QPSK	1@0	see graph	PASS

N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



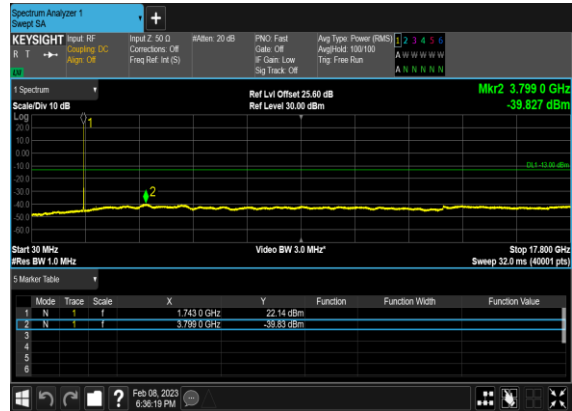
N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



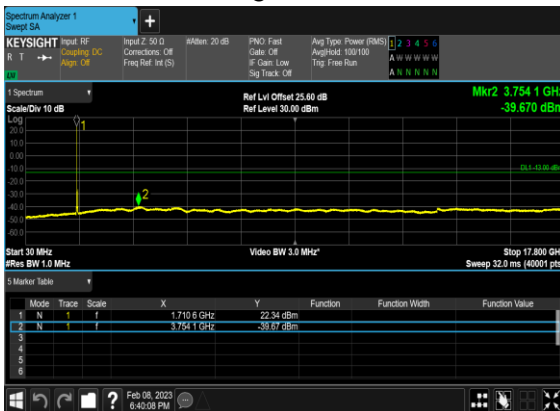
N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



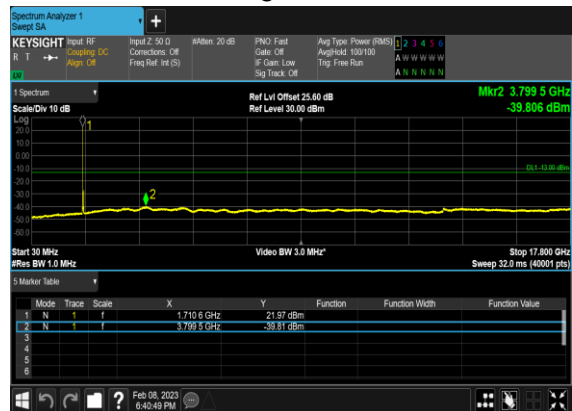
N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



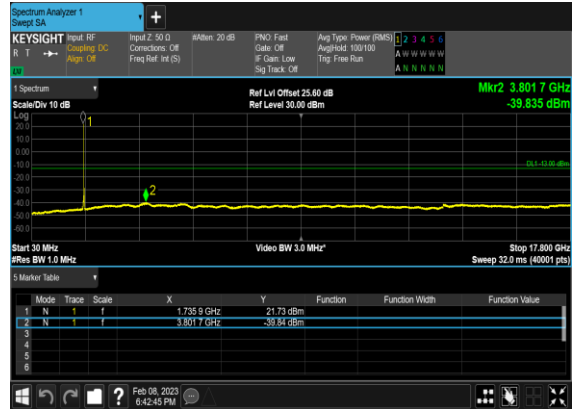
N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



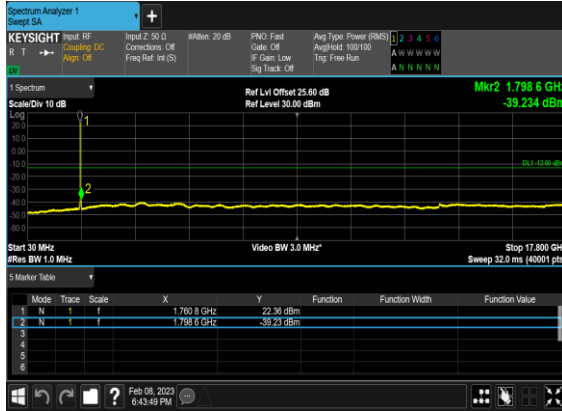
N66(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



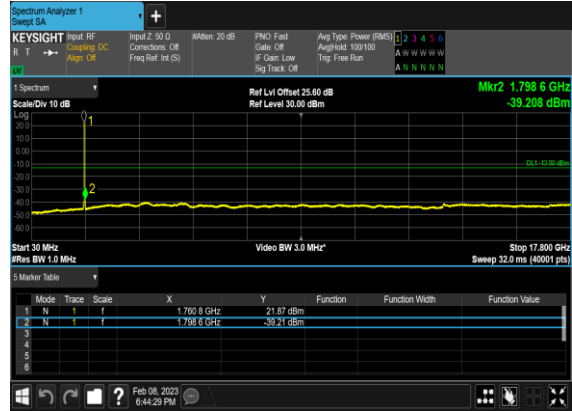
N66(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



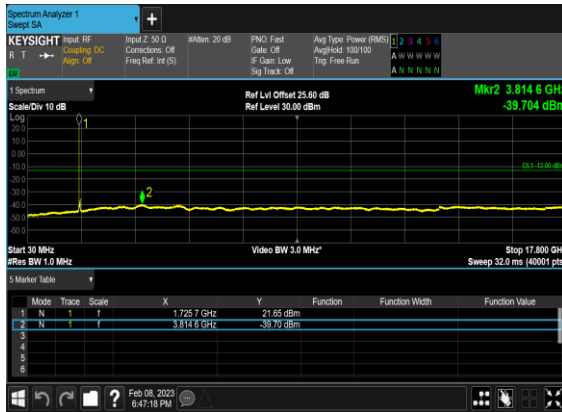
N66(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



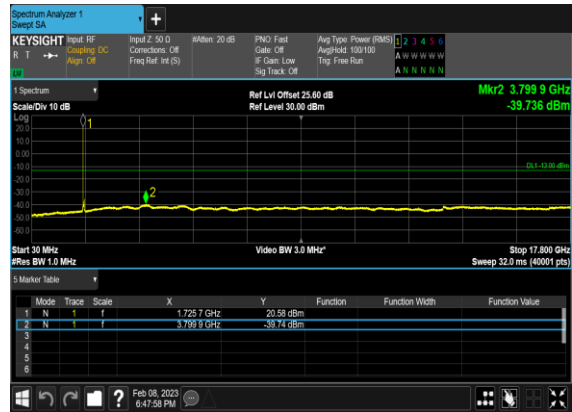
N66(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



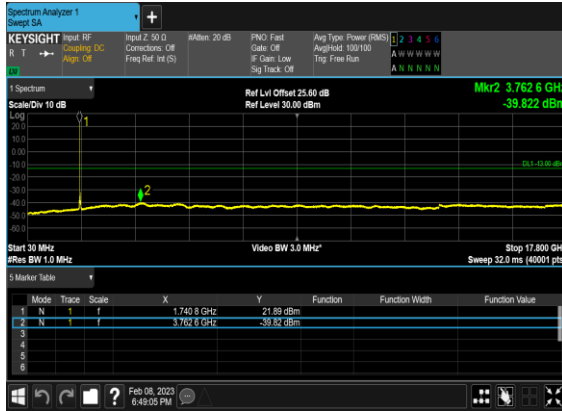
N66(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



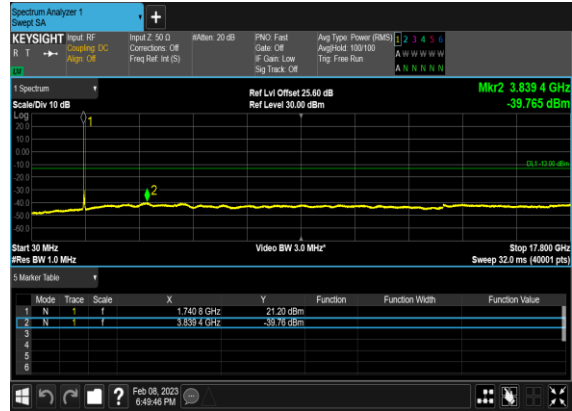
N66(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



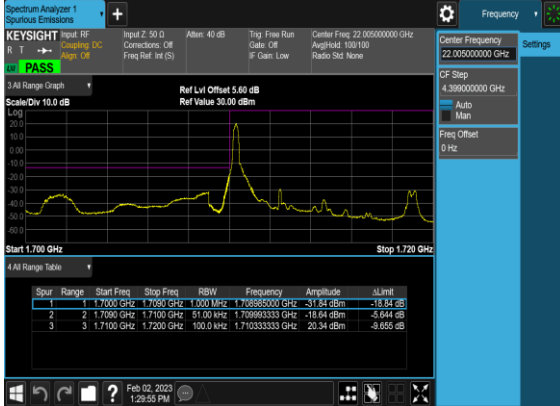
N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
66	15	5	355500	1777.5	DFT-s-OFDM BPSK	1@24	see graph	PASS
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@24	see graph	PASS
66	15	5	355500	1777.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
66	15	20	344000	1720.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	20	344000	1720.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	20	344000	1720.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
66	15	20	344000	1720.0	DFT-s-OFDM QPSK	100@0	see graph	PASS
66	15	20	354000	1770.0	DFT-s-OFDM BPSK	1@105	see graph	PASS
66	15	20	354000	1770.0	DFT-s-OFDM QPSK	1@105	see graph	PASS
66	15	20	354000	1770.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
66	15	20	354000	1770.0	DFT-s-OFDM QPSK	100@0	see graph	PASS
66	15	40	346000	1730.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	40	346000	1730.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	40	346000	1730.0	DFT-s-OFDM BPSK	216@0	see graph	PASS
66	15	40	346000	1730.0	DFT-s-OFDM QPSK	216@0	see graph	PASS
66	15	40	352000	1760.0	DFT-s-OFDM BPSK	1@215	see graph	PASS
66	15	40	352000	1760.0	DFT-s-OFDM QPSK	1@215	see graph	PASS
66	15	40	352000	1760.0	DFT-s-OFDM BPSK	216@0	see graph	PASS
66	15	40	352000	1760.0	DFT-s-OFDM QPSK	216@0	see graph	PASS

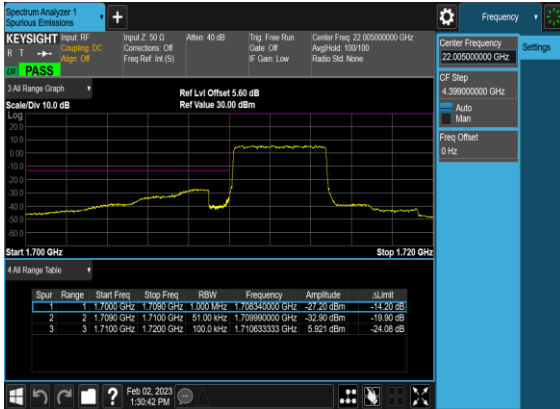
N66(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



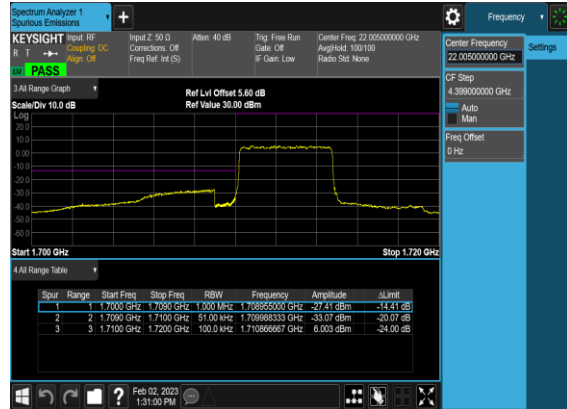
N66(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



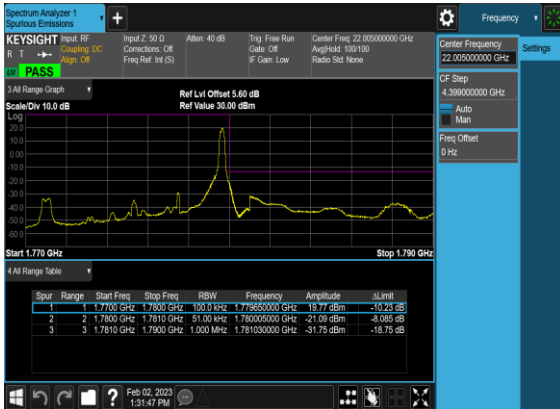
N66(5M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



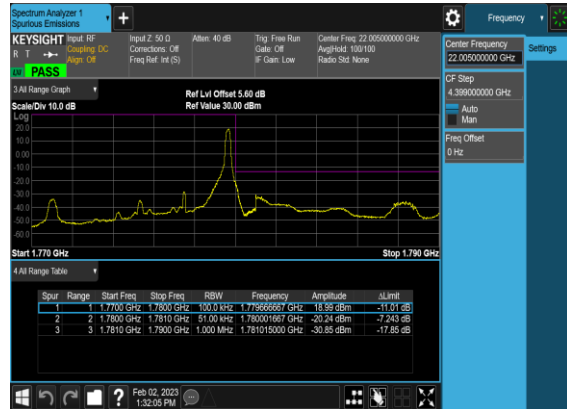
N66(5M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



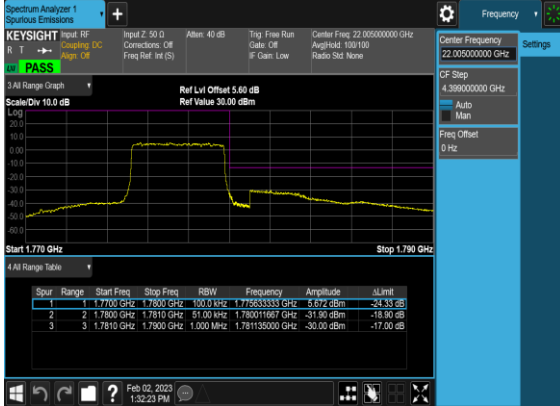
N66(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



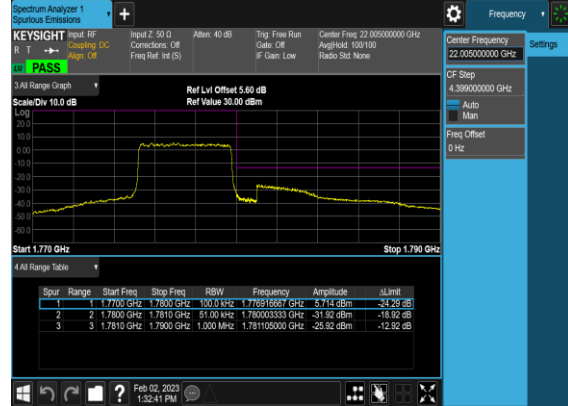
N66(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



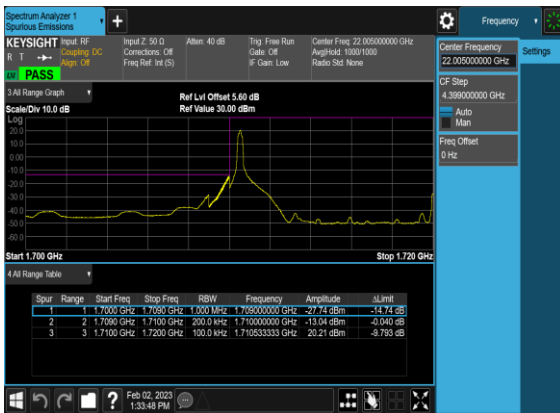
N66(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



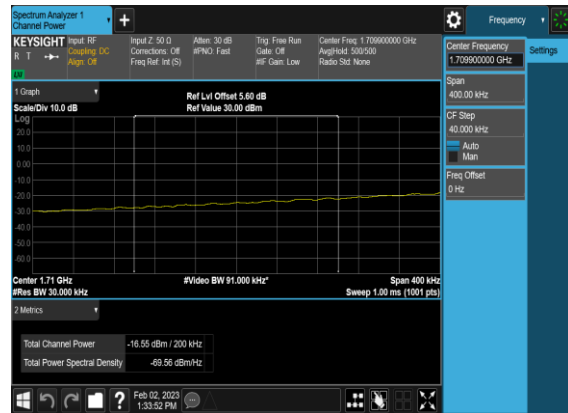
N66(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



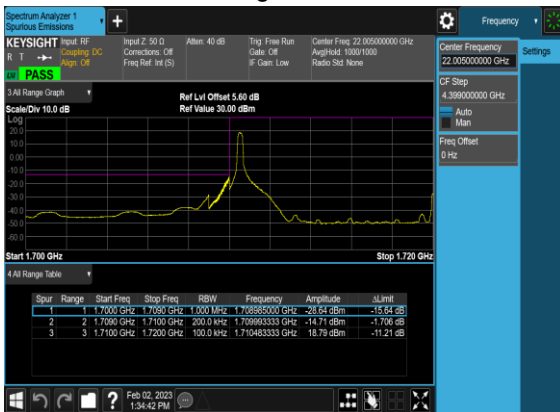
N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



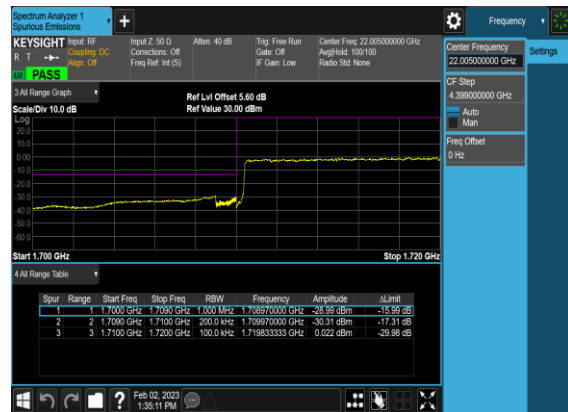
N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_CHP_PASS



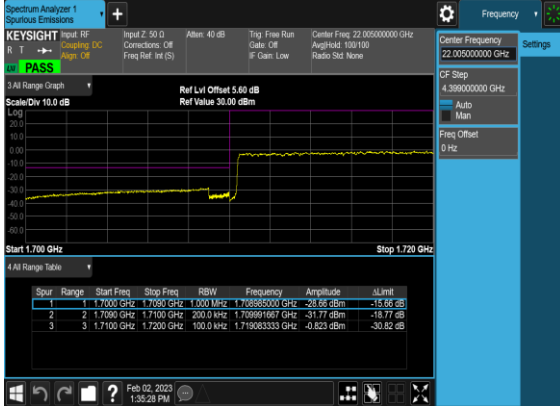
N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



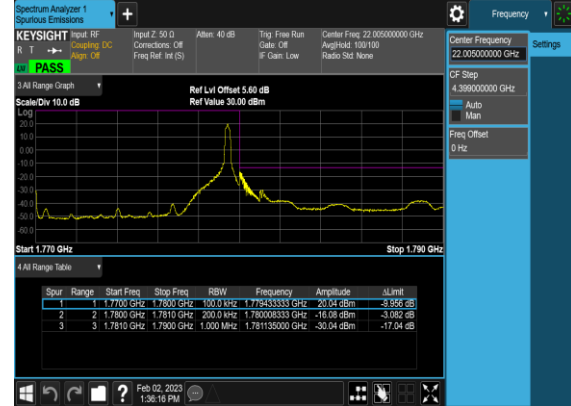
N66(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



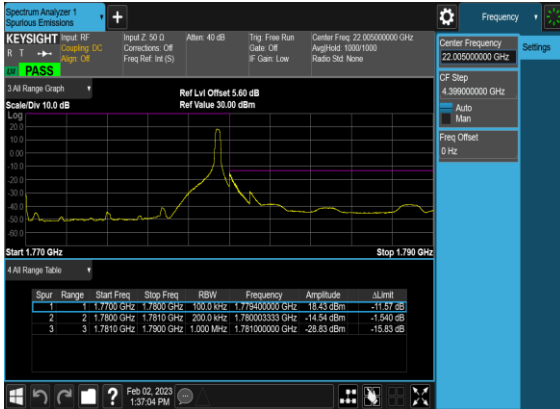
N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



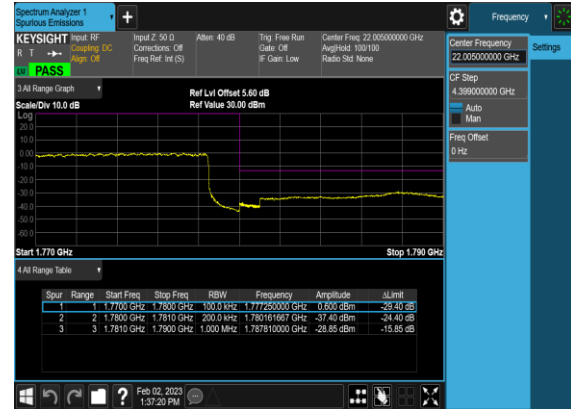
N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



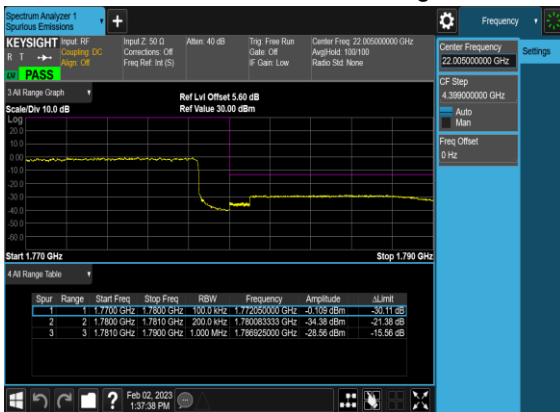
N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



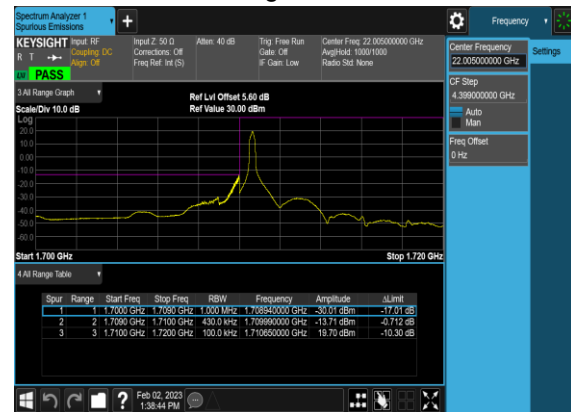
N66(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



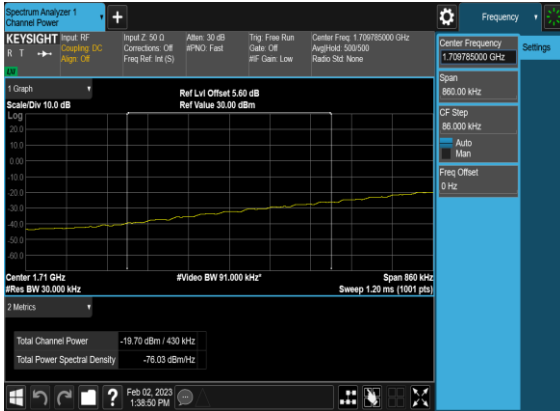
N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



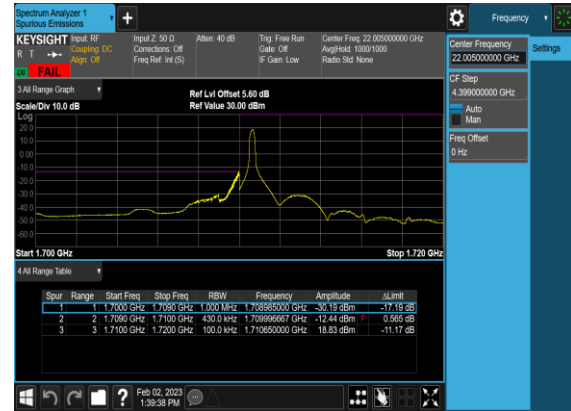
N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



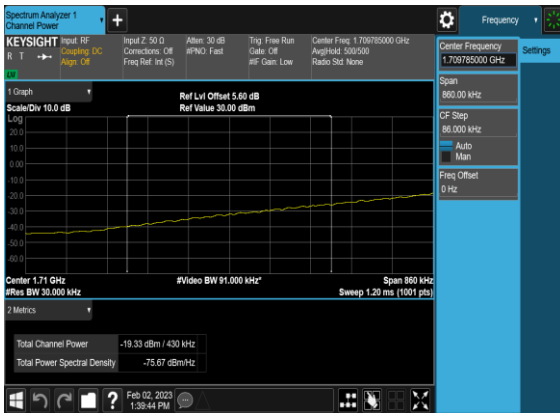
N66(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH_
CHP_PASS



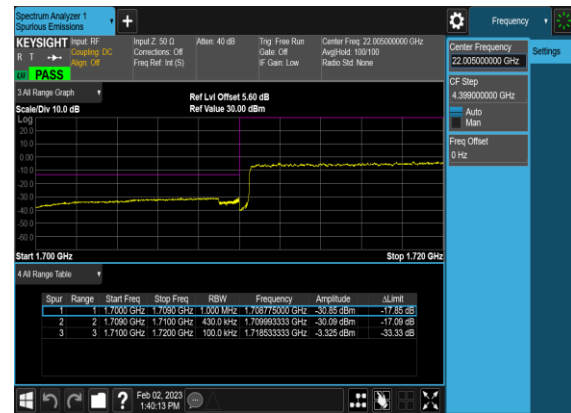
N66(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



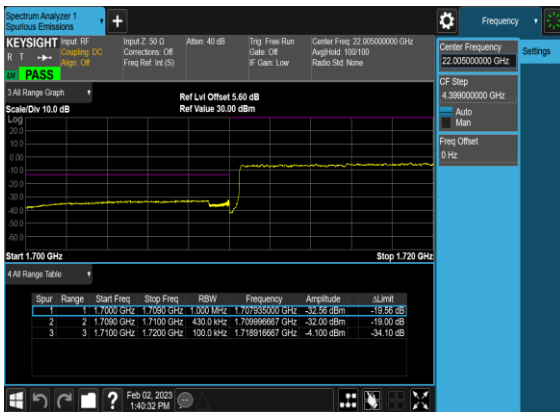
N66(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH_
CHP_PASS



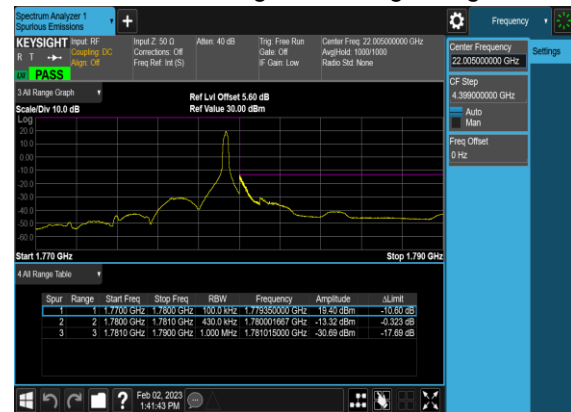
N66(40M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



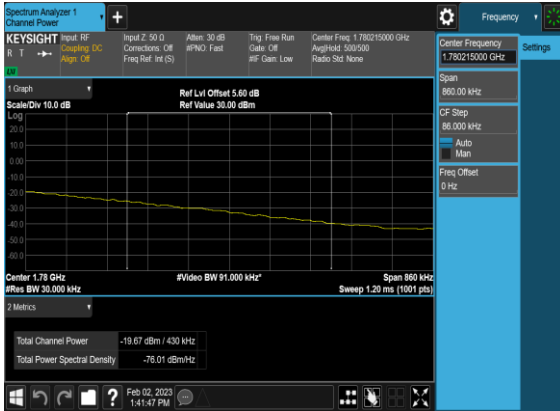
N66(40M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



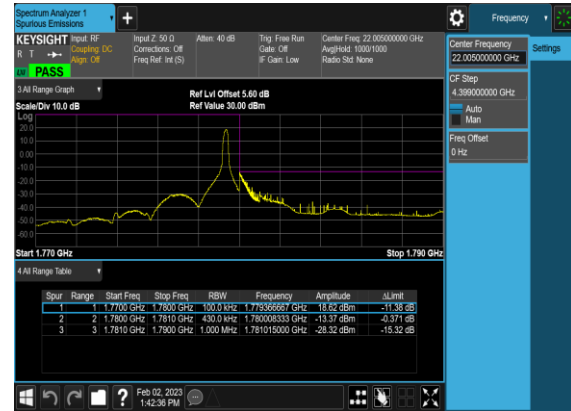
N66(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



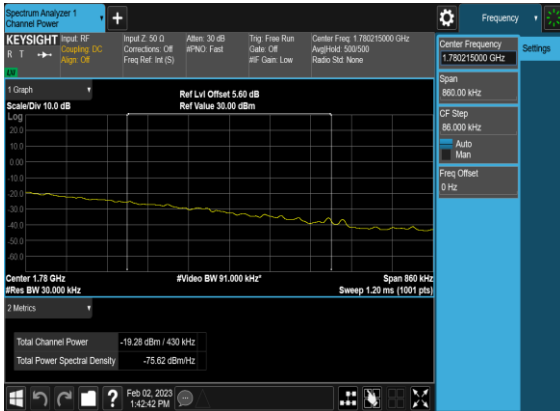
N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH_CHP_PASS



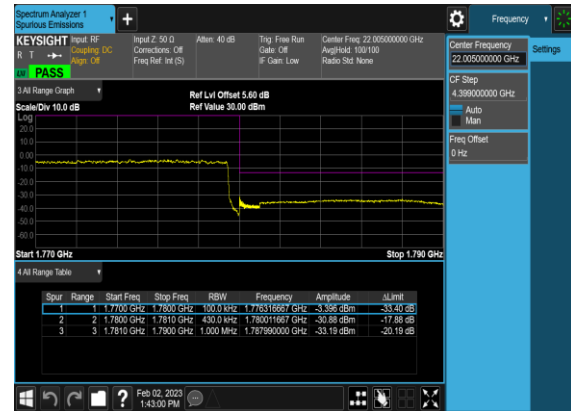
N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



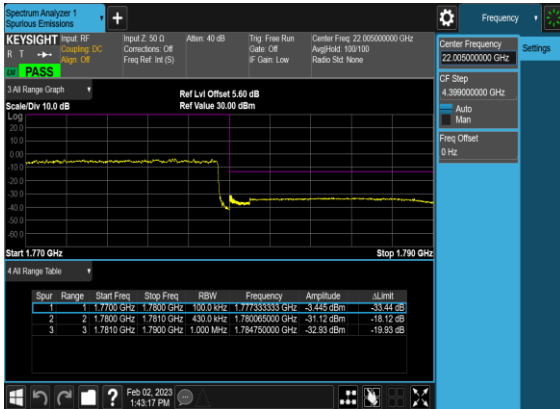
N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH_CHP_PASS



N66(40M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N66(40M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



FR1 NSA_N66 (Other PA)

LTE Band: 5, LTE BW: 10M, LTE ARFCN: Mid

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0038	PASS	NV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0056	PASS	LV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0045	PASS	HV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0036	PASS	-30°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0027	PASS	-20°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0073	PASS	-10°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0069	PASS	0°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0056	PASS	10°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0031	PASS	20°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0050	PASS	30°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0059	PASS	40°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0065	PASS	50°C

Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
66	15	20	349000	1745.0	DFT-s-OFDM PI/2 BPSK	100@0	4.35	13	PASS
66	15	20	349000	1745.0	DFT-s-OFDM PI/2 BPSK	1@0	3.58	13	PASS
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	5.42	13	PASS
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	1@0	4.68	13	PASS

B5_N66(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



B5_N66(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Mid_CH



B5_N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



B5_N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
66	15	5	349000	1745.0	CP-OFDM QPSK	25@0	4.4652	4.829
66	15	5	349000	1745.0	CP-OFDM 16 QAM	25@0	4.4749	4.903
66	15	5	349000	1745.0	CP-OFDM 64 QAM	25@0	4.4498	4.787
66	15	5	349000	1745.0	CP-OFDM 256 QAM	25@0	4.4667	4.848
66	15	20	349000	1745.0	CP-OFDM QPSK	106@0	18.915	19.83
66	15	20	349000	1745.0	CP-OFDM 16 QAM	106@0	18.925	19.75
66	15	20	349000	1745.0	CP-OFDM 64 QAM	106@0	18.923	19.79
66	15	20	349000	1745.0	CP-OFDM 256 QAM	106@0	18.899	19.87
66	15	10	349000	1745.0	CP-OFDM QPSK	52@0	9.2829	9.784
66	15	10	349000	1745.0	CP-OFDM 16 QAM	52@0	9.2868	9.85
66	15	10	349000	1745.0	CP-OFDM 64 QAM	52@0	9.2997	9.853
66	15	10	349000	1745.0	CP-OFDM 256 QAM	52@0	9.2776	9.751
66	15	15	349000	1745.0	CP-OFDM QPSK	79@0	14.072	14.76
66	15	15	349000	1745.0	CP-OFDM 16 QAM	79@0	14.084	14.75
66	15	15	349000	1745.0	CP-OFDM 64 QAM	79@0	14.087	14.72
66	15	15	349000	1745.0	CP-OFDM 256 QAM	79@0	14.128	14.67