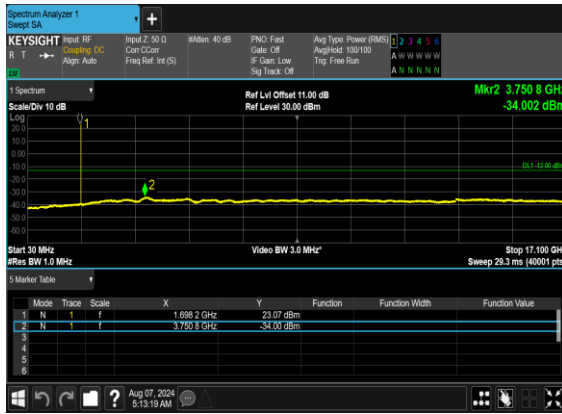
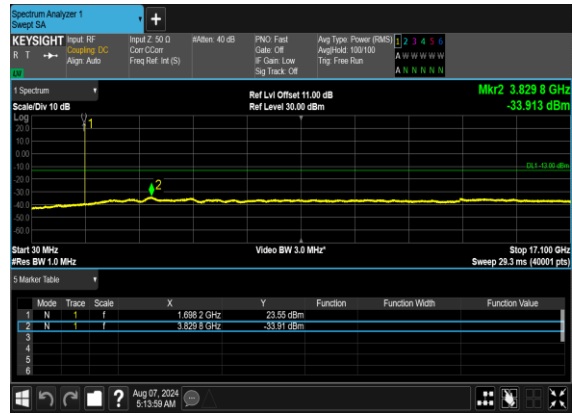




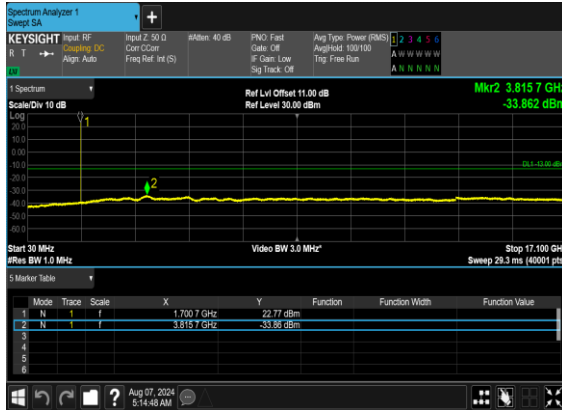
N70(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



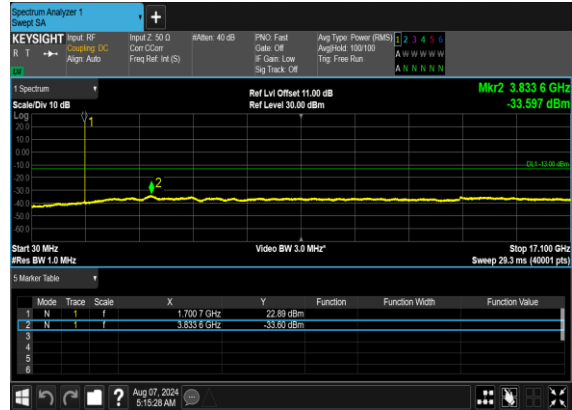
N70(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



N70(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH

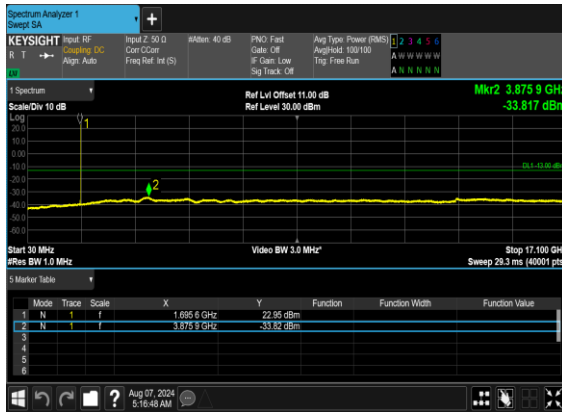


N70(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH

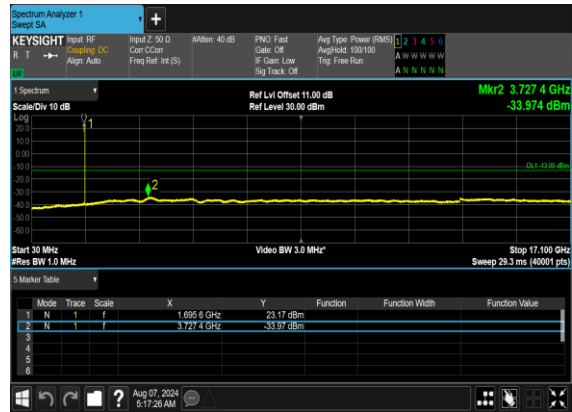




N70(15M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



N70(15M)\_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
70	15	5	339500	1697.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
70	15	5	339500	1697.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
70	15	5	339500	1697.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
70	15	5	339500	1697.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
70	15	5	341500	1707.5	DFT-s-OFDM BPSK	1@24	see graph	PASS
70	15	5	341500	1707.5	DFT-s-OFDM QPSK	1@24	see graph	PASS
70	15	5	341500	1707.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
70	15	5	341500	1707.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
70	15	10	340000	1700.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
70	15	10	340000	1700.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
70	15	10	340000	1700.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
70	15	10	340000	1700.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
70	15	10	341000	1705.0	DFT-s-OFDM BPSK	1@51	see graph	PASS
70	15	10	341000	1705.0	DFT-s-OFDM QPSK	1@51	see graph	PASS
70	15	10	341000	1705.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
70	15	10	341000	1705.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
70	15	15	340500	1702.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
70	15	15	340500	1702.5	DFT-s-OFDM BPSK	1@78	see graph	PASS
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	1@78	see graph	PASS

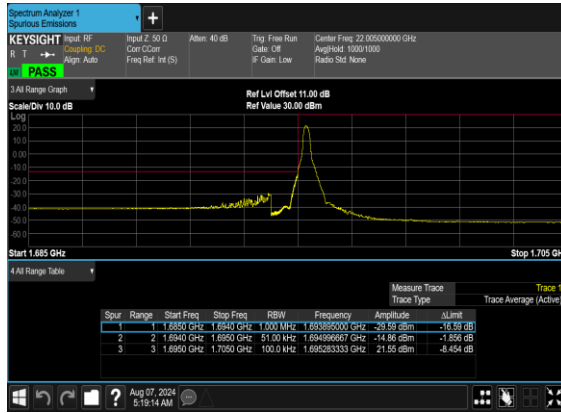


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<b>70</b>	15	15	340500	1702.5	DFT-s-OFDM BPSK	75@0	see graph	<b>PASS</b>
<b>70</b>	15	15	340500	1702.5	DFT-s-OFDM QPSK	75@0	see graph	<b>PASS</b>



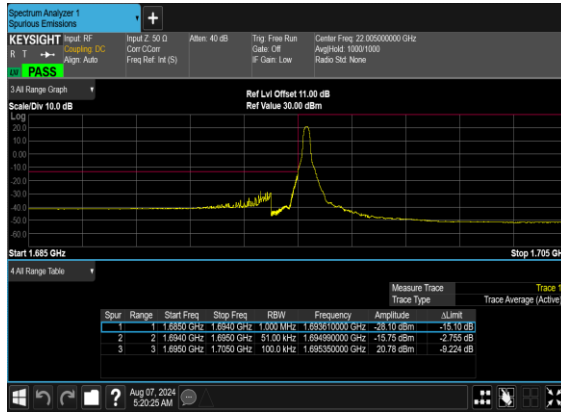
N70(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



N70(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP\_PASS



N70(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH

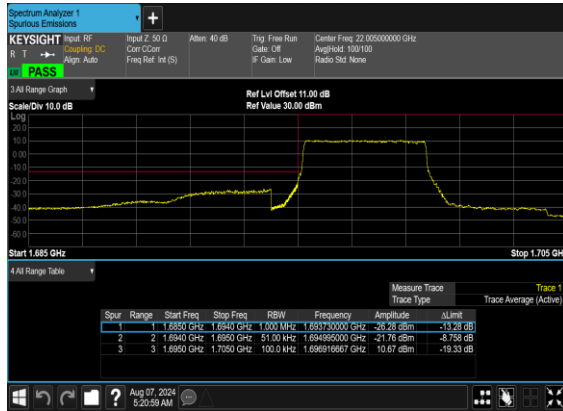


N70(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP\_PASS

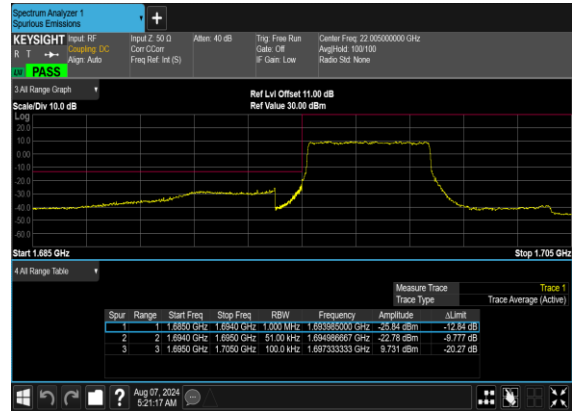




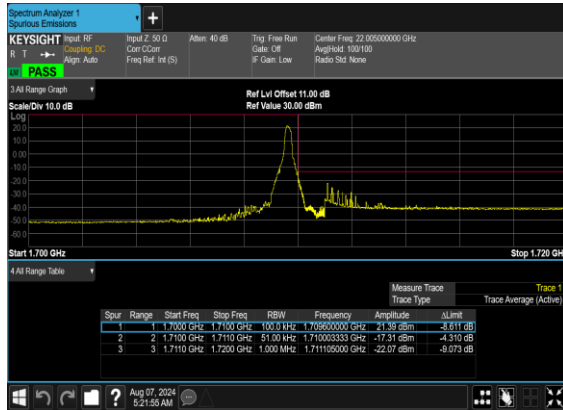
N70(5M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



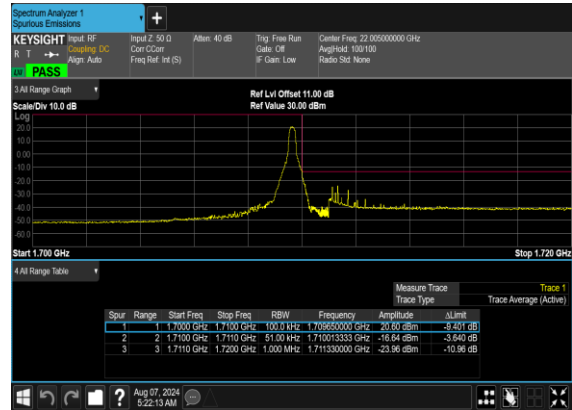
N70(5M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



N70(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH

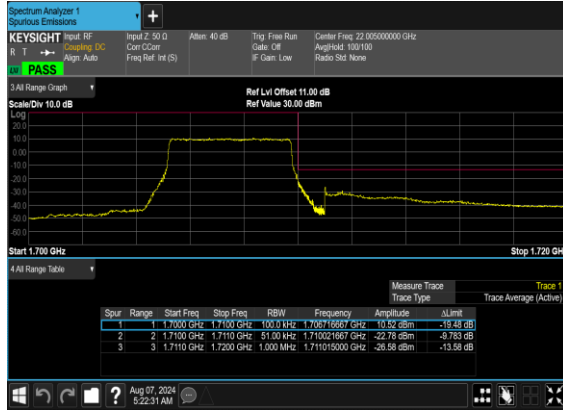


N70(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH

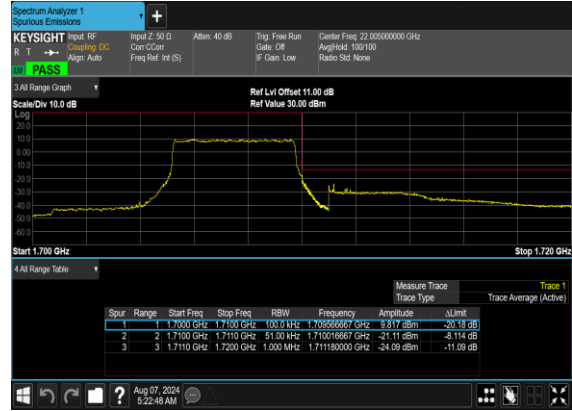




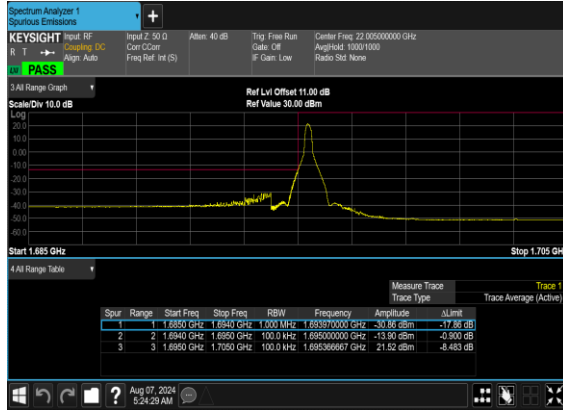
N70(5M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



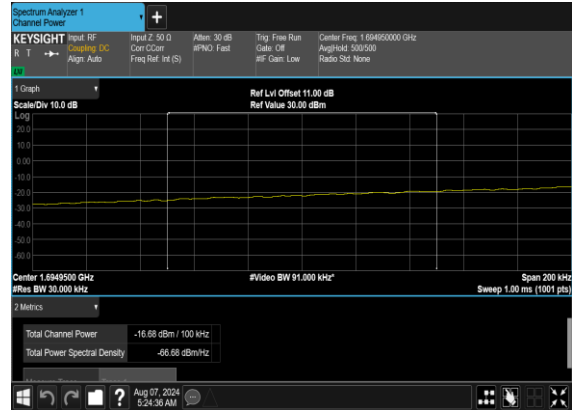
N70(5M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



N70(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH

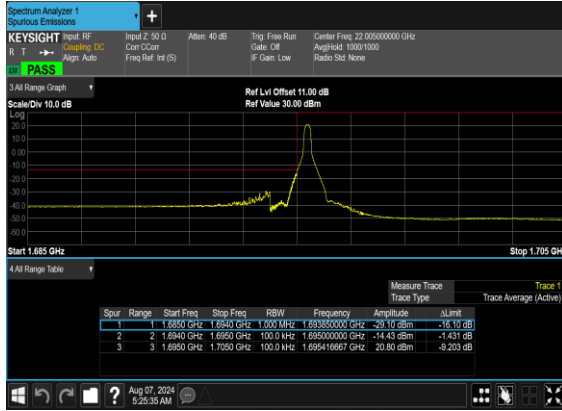


N70(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP\_PASS

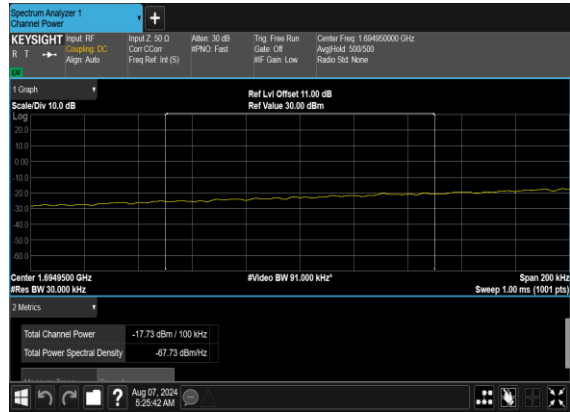




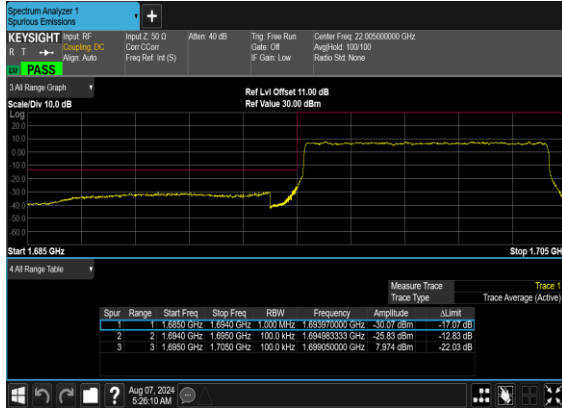
N70(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



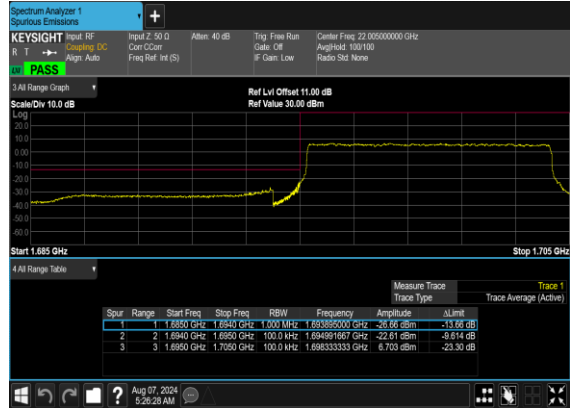
N70(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP\_PASS



N70(10M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



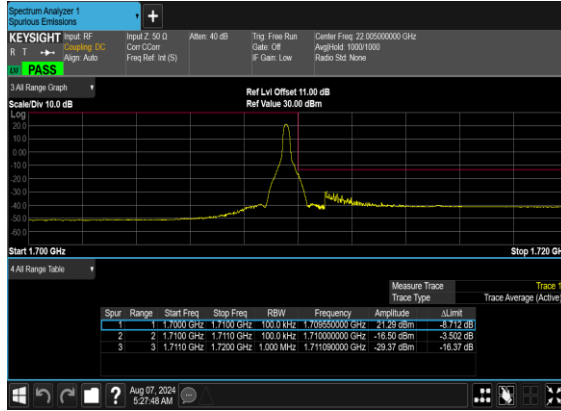
N70(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH







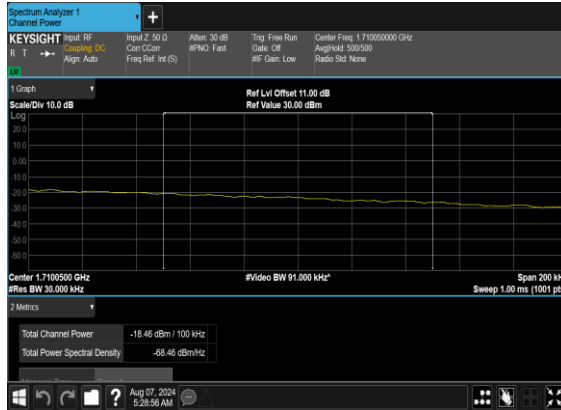
N70(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



N70(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



N70(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH\_PASS



N70(10M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH

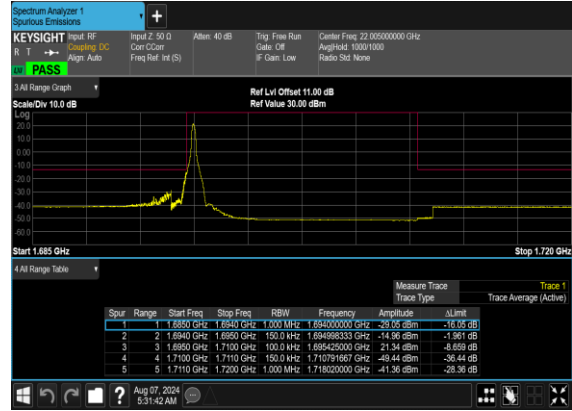




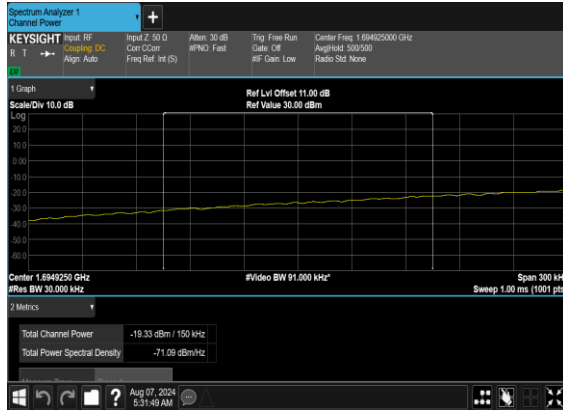
N70(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



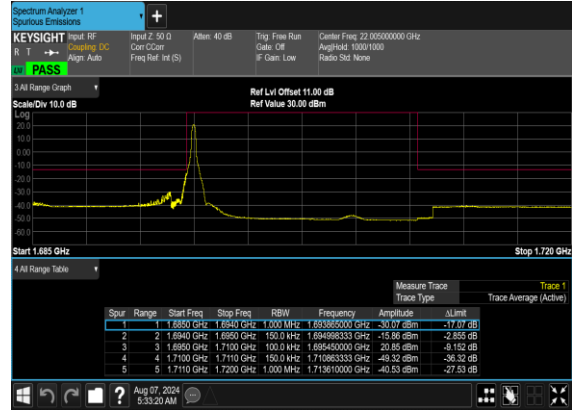
N70(15M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



N70(15M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH\_CHP\_PA SS



N70(15M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH

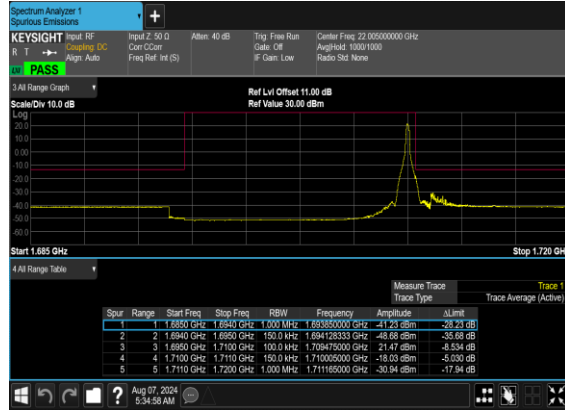




N70(15M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH\_CHP\_P ASS

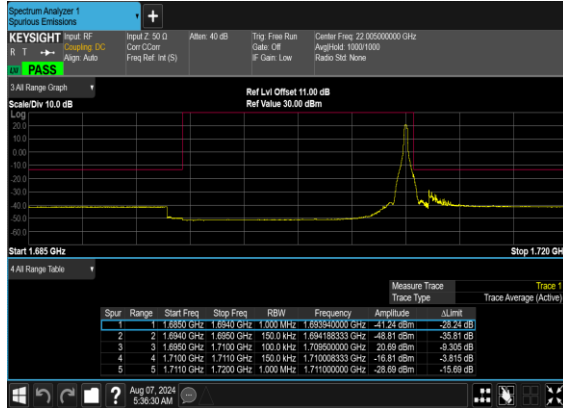


N70(15M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_Mid\_CH



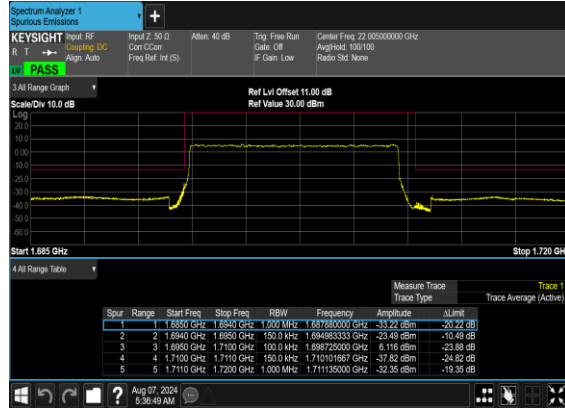
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ULimit
1	1	1.6850 GHz	1.6950 GHz	1.000 MHz	1.693500000 GHz	-41.83 dBm	-28.23 dB
2	2	1.6940 GHz	1.6960 GHz	150.0 kHz	1.694128333 GHz	-48.68 dBm	-35.68 dB
3	3	1.6950 GHz	1.7100 GHz	100.0 kHz	1.709470000 GHz	21.87 dBm	-5.54 dB
4	4	1.7100 GHz	1.7110 GHz	150.0 kHz	1.710050000 GHz	-18.03 dBm	-5.03 dB
5	5	1.7110 GHz	1.7200 GHz	1.000 MHz	1.711165000 GHz	-30.94 dBm	-17.94 dB

N70(15M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_Mid\_CH



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ULimit
1	1	1.6850 GHz	1.6950 GHz	1.000 MHz	1.693500000 GHz	-41.83 dBm	-28.23 dB
2	2	1.6940 GHz	1.6960 GHz	150.0 kHz	1.694188333 GHz	-48.81 dBm	-38.81 dB
3	3	1.6950 GHz	1.7100 GHz	100.0 kHz	1.709500000 GHz	20.69 dBm	-8.305 dB
4	4	1.7100 GHz	1.7110 GHz	150.0 kHz	1.710033333 GHz	-16.81 dBm	-3.815 dB
5	5	1.7110 GHz	1.7200 GHz	1.000 MHz	1.711000000 GHz	-38.69 dBm	-18.69 dB

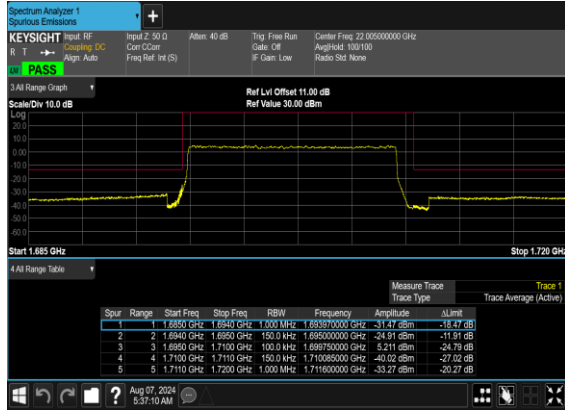
N70(15M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Mid\_CH



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ULimit
1	1	1.6850 GHz	1.6950 GHz	1.000 MHz	1.693500000 GHz	-34.22 dBm	-20.22 dB
2	2	1.6940 GHz	1.6960 GHz	150.0 kHz	1.694883333 GHz	-23.48 dBm	-10.48 dB
3	3	1.6950 GHz	1.7100 GHz	100.0 kHz	1.698725000 GHz	6.116 dBm	-23.88 dB
4	4	1.7100 GHz	1.7110 GHz	150.0 kHz	1.710165667 GHz	-37.82 dBm	-24.82 dB
5	5	1.7110 GHz	1.7200 GHz	1.000 MHz	1.711150000 GHz	-32.35 dBm	-19.35 dB



N70(15M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH





Software Version: 23.06.1602

# FR1 N70 TXD-ANT(1+8)\_ANT8

## Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0043	PASS	NV
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0067	PASS	LV
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0060	PASS	HV
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0051	PASS	-30°C
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0059	PASS	-20°C
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0041	PASS	-10°C
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0063	PASS	0°C
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0028	PASS	10°C
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0043	PASS	20°C
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0036	PASS	30°C
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0044	PASS	40°C
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0020	PASS	50°C



**Peak to Average Ratio**

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
70	15	10	340500	1702.5	DFT-s-OFDM PI/2 BPSK	50@0	4.31	13	<b>PASS</b>
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	4.65	13	<b>PASS</b>



N70(10M)\_DFT-s-OFDM\_PI\_2-  
BPSK\_Outer\_Full\_Mid\_CH



N70(10M)\_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)
70	15	5	340500	1702.5	CP-OFDM QPSK	25@0	4.4607	4.992
70	15	5	340500	1702.5	CP-OFDM 16 QAM	25@0	4.4753	5.043
70	15	5	340500	1702.5	CP-OFDM 64 QAM	25@0	4.4581	5.034
70	15	5	340500	1702.5	CP-OFDM 256 QAM	25@0	4.4839	5.136
70	15	10	340500	1702.5	CP-OFDM QPSK	52@0	9.2873	10.12
70	15	10	340500	1702.5	CP-OFDM 16 QAM	52@0	9.2991	10.04
70	15	10	340500	1702.5	CP-OFDM 64 QAM	52@0	9.2784	10.03
70	15	10	340500	1702.5	CP-OFDM 256 QAM	52@0	9.2932	10.0
70	15	15	340500	1702.5	CP-OFDM QPSK	79@0	14.101	14.89
70	15	15	340500	1702.5	CP-OFDM 16 QAM	79@0	14.099	14.89
70	15	15	340500	1702.5	CP-OFDM 64 QAM	79@0	14.102	14.87
70	15	15	340500	1702.5	CP-OFDM 256 QAM	79@0	14.111	14.95

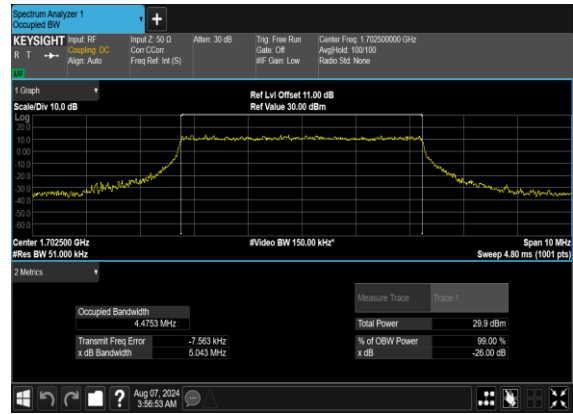




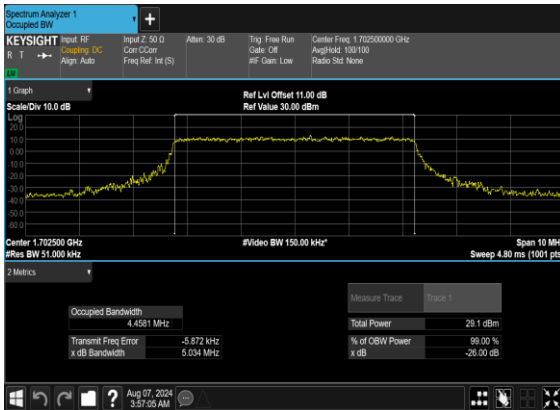
N70(5M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



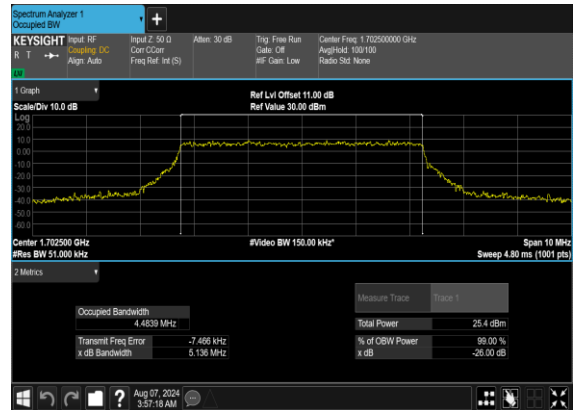
N70(5M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



N70(5M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



N70(5M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH

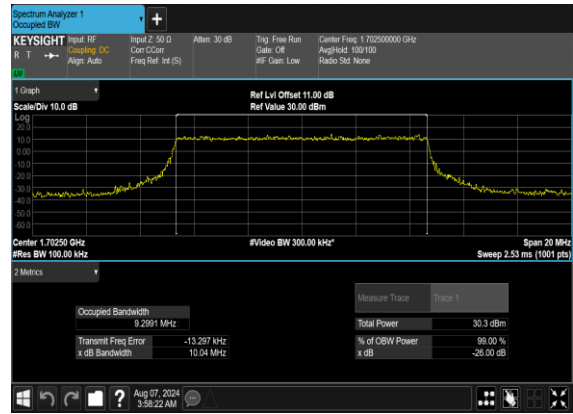




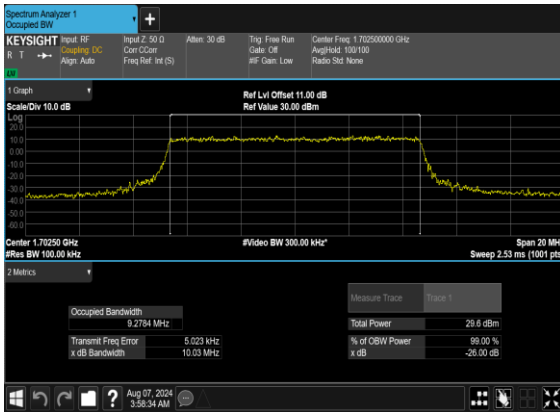
N70(10M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



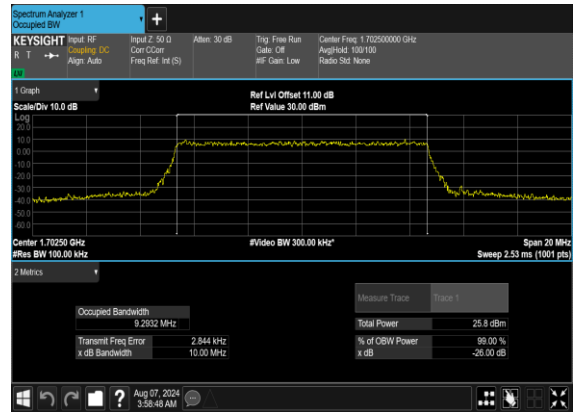
N70(10M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



N70(10M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH

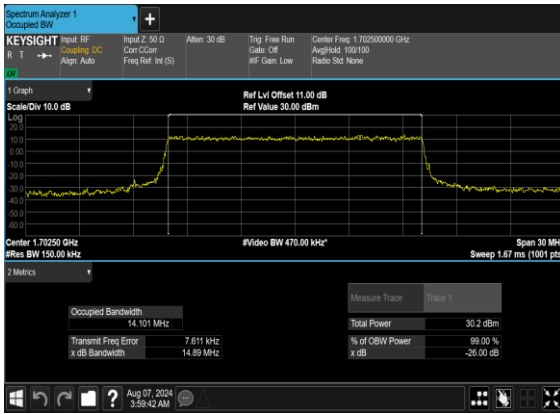


N70(10M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH

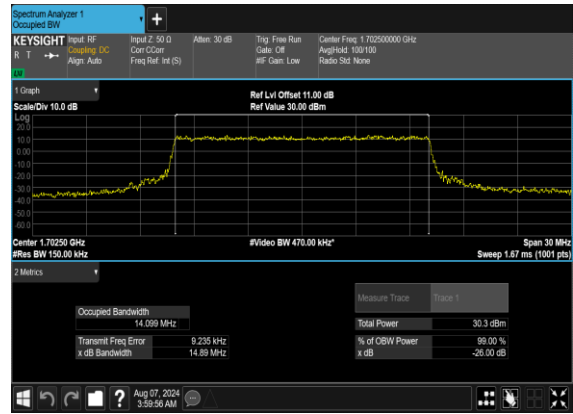




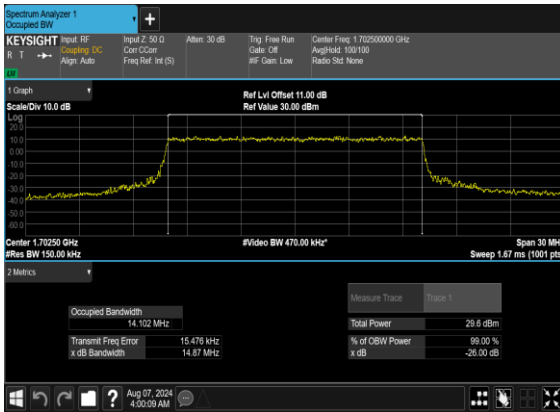
N70(15M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



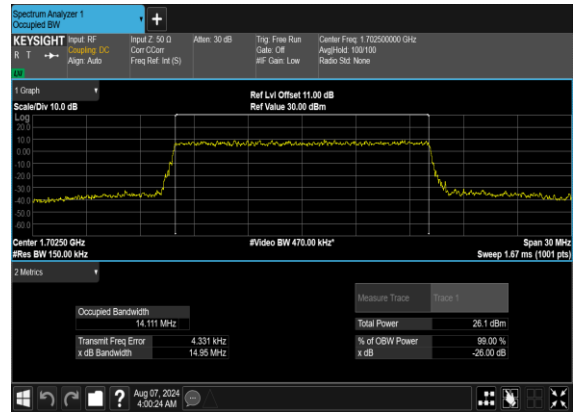
N70(15M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



N70(15M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



N70(15M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH





### Conducted Spurious Emissions

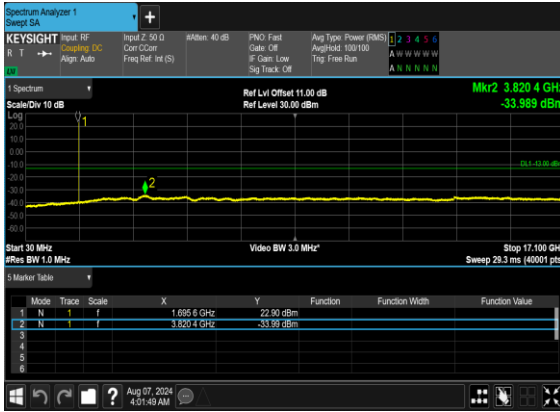
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
70	15	5	339500	1697.5	DFT-s-OFDM BPSK	1@0	see graph	---
70	15	5	339500	1697.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
70	15	5	339500	1697.5	DFT-s-OFDM QPSK	1@0	see graph	---
70	15	5	339500	1697.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
70	15	5	340500	1702.5	DFT-s-OFDM BPSK	1@0	see graph	---
70	15	5	340500	1702.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
70	15	5	340500	1702.5	DFT-s-OFDM QPSK	1@0	see graph	---
70	15	5	340500	1702.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
70	15	5	341500	1707.5	DFT-s-OFDM BPSK	1@0	see graph	---
70	15	5	341500	1707.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
70	15	5	341500	1707.5	DFT-s-OFDM QPSK	1@0	see graph	---
70	15	5	341500	1707.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
70	15	10	340000	1700.0	DFT-s-OFDM BPSK	1@0	see graph	---
70	15	10	340000	1700.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
70	15	10	340000	1700.0	DFT-s-OFDM QPSK	1@0	see graph	---
70	15	10	340000	1700.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
70	15	10	340500	1702.5	DFT-s-OFDM BPSK	1@0	see graph	---
70	15	10	340500	1702.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	1@0	see graph	---
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	1@0	see graph	PASS



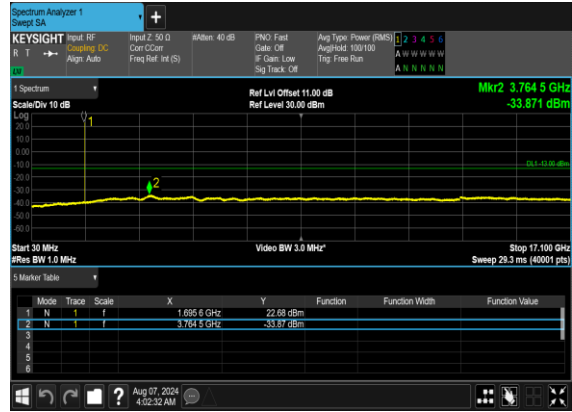
70	15	10	341000	1705.0	DFT-s-OFDM BPSK	1@0	see graph	---
70	15	10	341000	1705.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
70	15	10	341000	1705.0	DFT-s-OFDM QPSK	1@0	see graph	---
70	15	10	341000	1705.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
70	15	15	340500	1702.5	DFT-s-OFDM BPSK	1@0	see graph	---
70	15	15	340500	1702.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	1@0	see graph	---
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	1@0	see graph	PASS



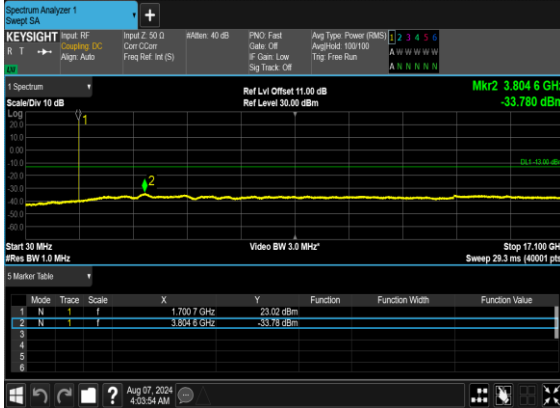
N70(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



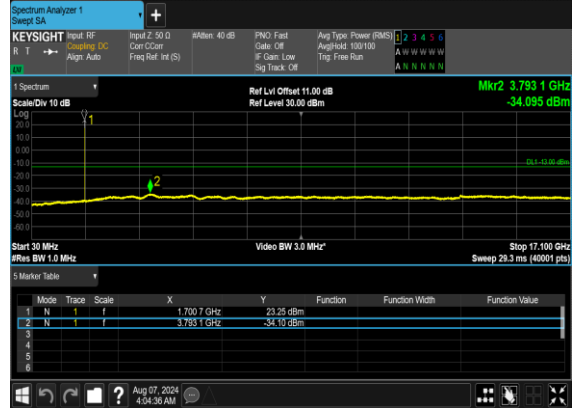
N70(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



N70(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH

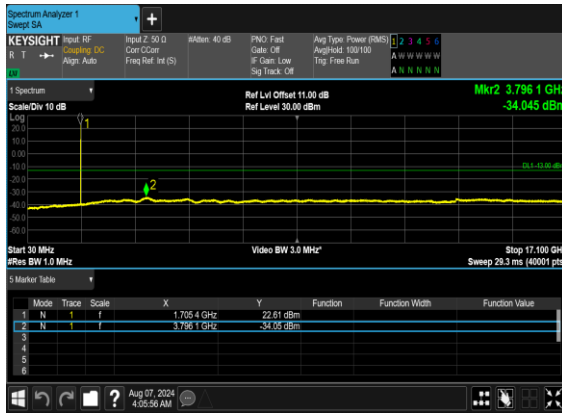


N70(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH

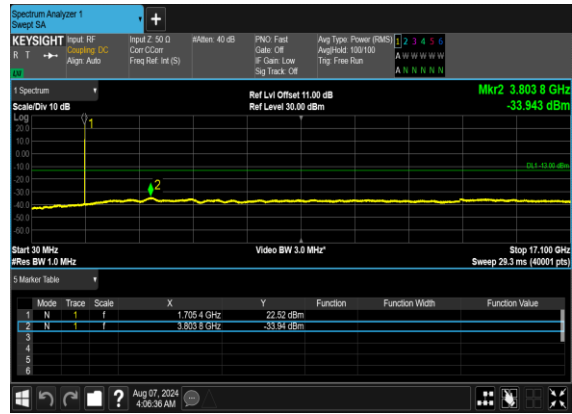




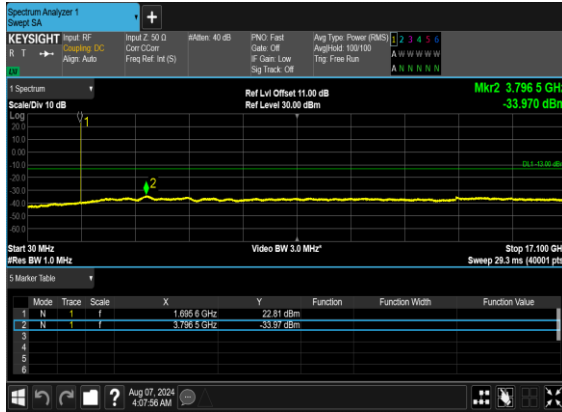
N70(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



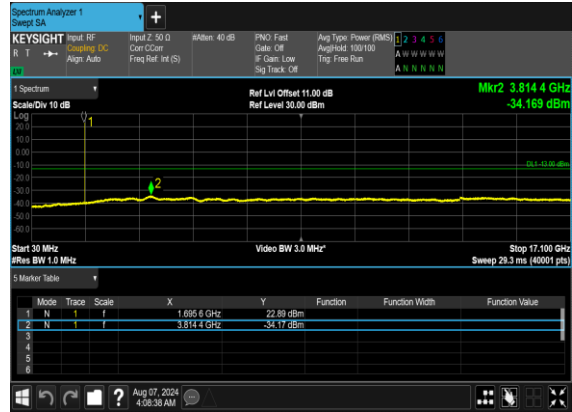
N70(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



N70(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH

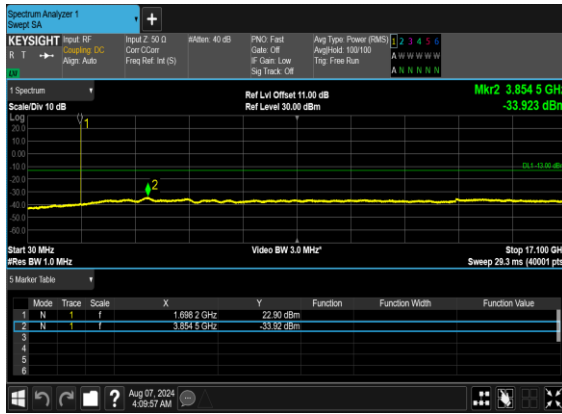


N70(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH

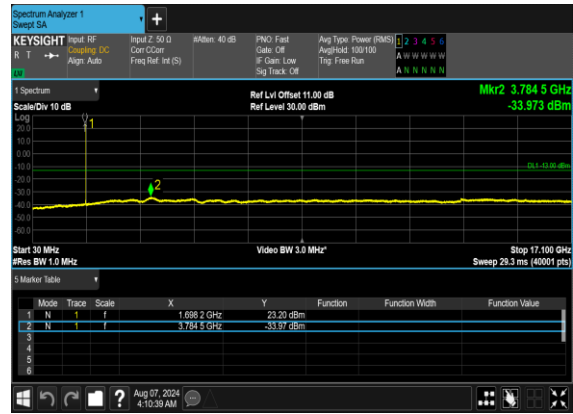




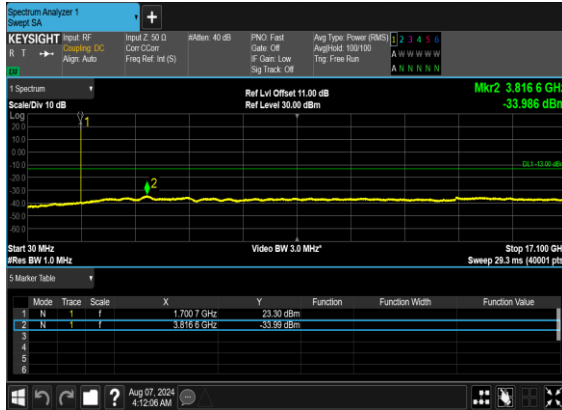
N70(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



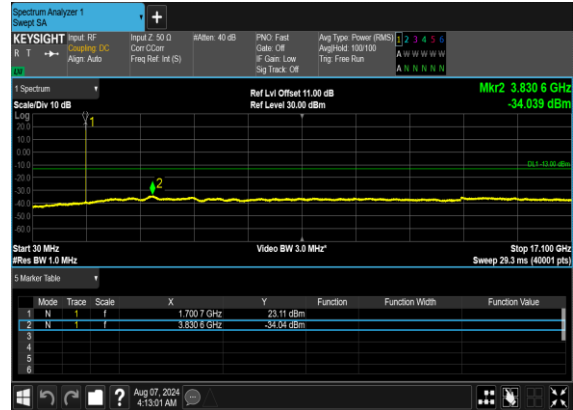
N70(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



N70(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



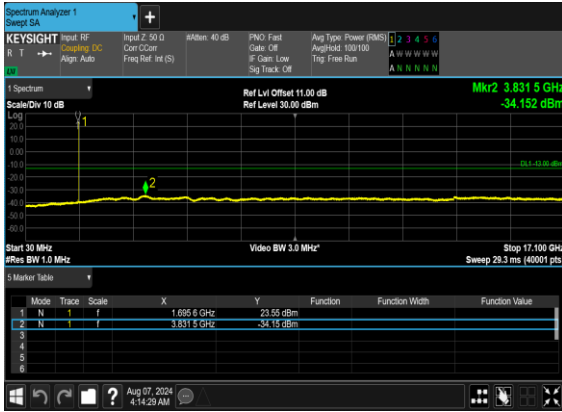
N70(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



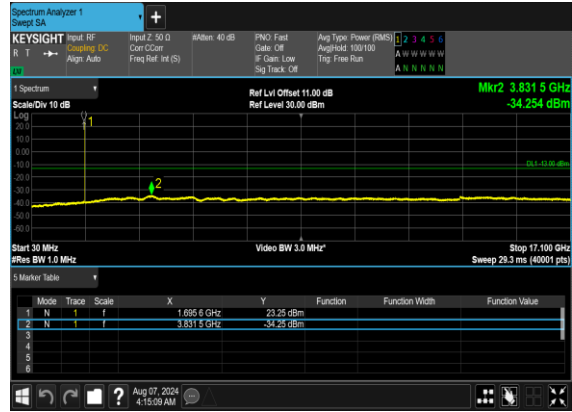




N70(15M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



N70(15M)\_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
70	15	5	339500	1697.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
70	15	5	339500	1697.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
70	15	5	339500	1697.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
70	15	5	339500	1697.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
70	15	5	341500	1707.5	DFT-s-OFDM BPSK	1@24	see graph	PASS
70	15	5	341500	1707.5	DFT-s-OFDM QPSK	1@24	see graph	PASS
70	15	5	341500	1707.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
70	15	5	341500	1707.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
70	15	10	340000	1700.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
70	15	10	340000	1700.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
70	15	10	340000	1700.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
70	15	10	340000	1700.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
70	15	10	341000	1705.0	DFT-s-OFDM BPSK	1@51	see graph	PASS
70	15	10	341000	1705.0	DFT-s-OFDM QPSK	1@51	see graph	PASS
70	15	10	341000	1705.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
70	15	10	341000	1705.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
70	15	15	340500	1702.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
70	15	15	340500	1702.5	DFT-s-OFDM BPSK	1@78	see graph	PASS
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	1@78	see graph	PASS

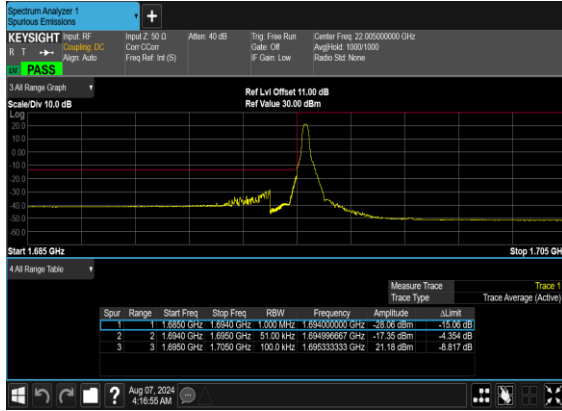


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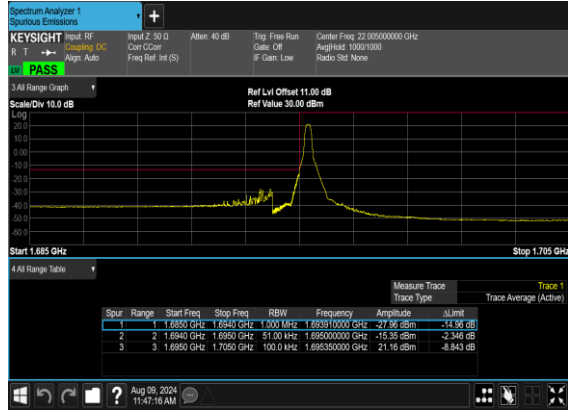
<b>70</b>	15	15	340500	1702.5	DFT-s-OFDM BPSK	75@0	see graph	<b>PASS</b>
<b>70</b>	15	15	340500	1702.5	DFT-s-OFDM QPSK	75@0	see graph	<b>PASS</b>



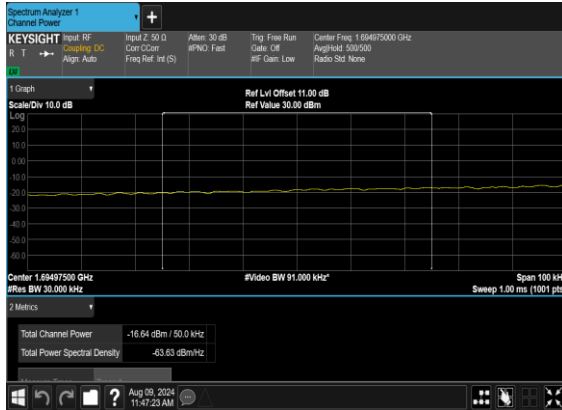
N70(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



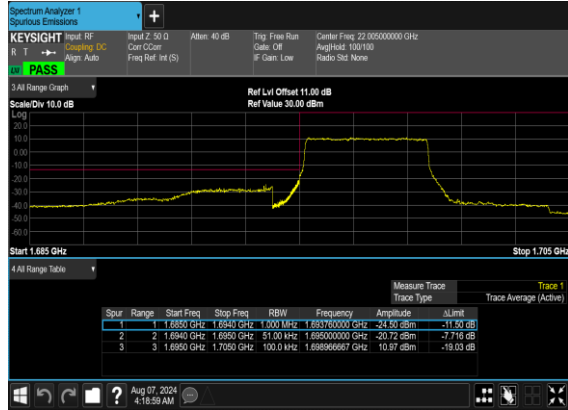
N70(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



N70(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP\_PASS

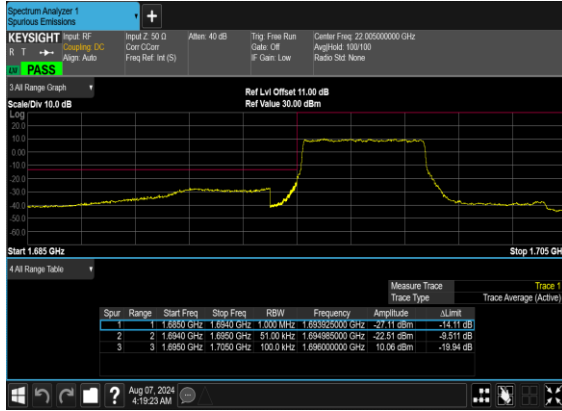


N70(5M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH

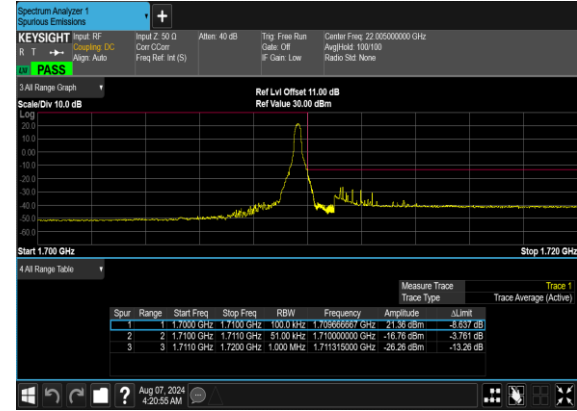




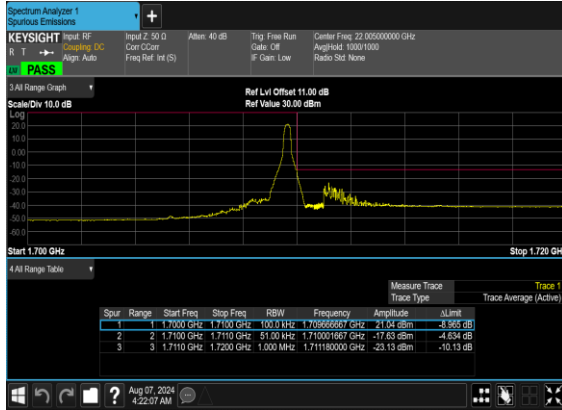
N70(5M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



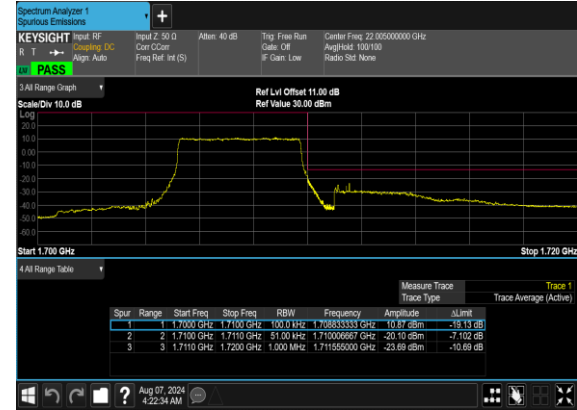
N70(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



N70(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH

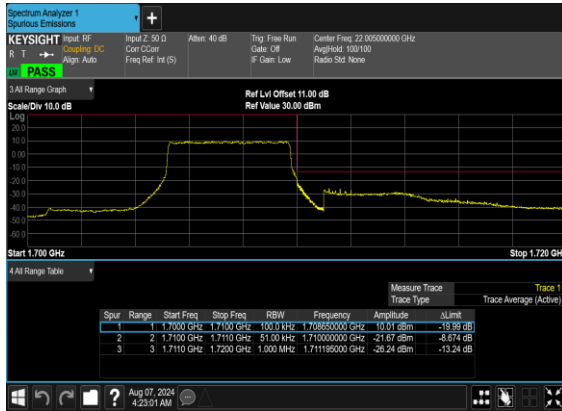


N70(5M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH

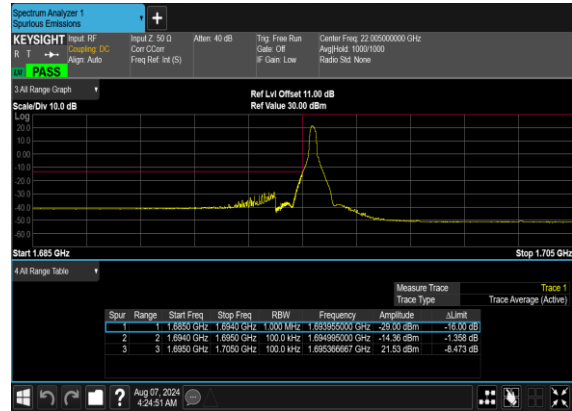




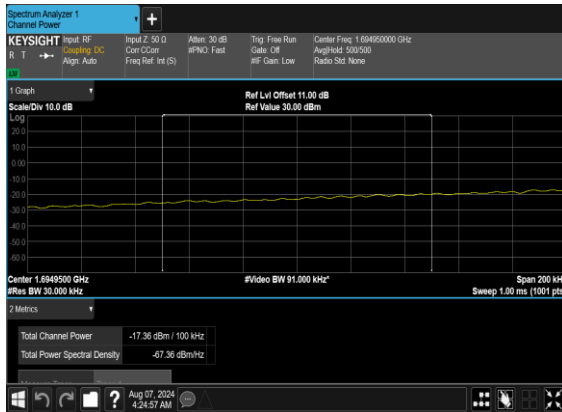
N70(5M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



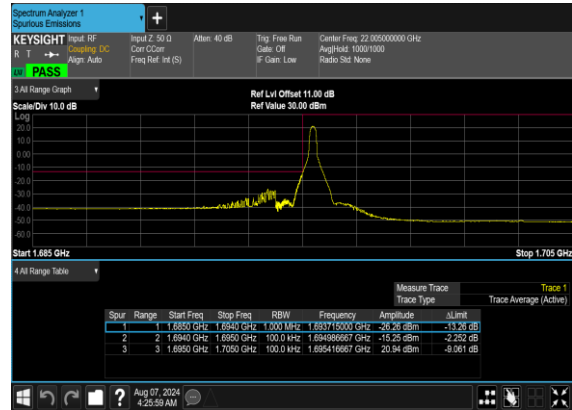
N70(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



N70(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP PASS

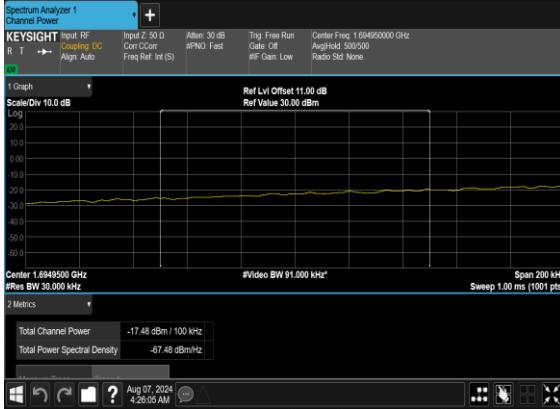


N70(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH

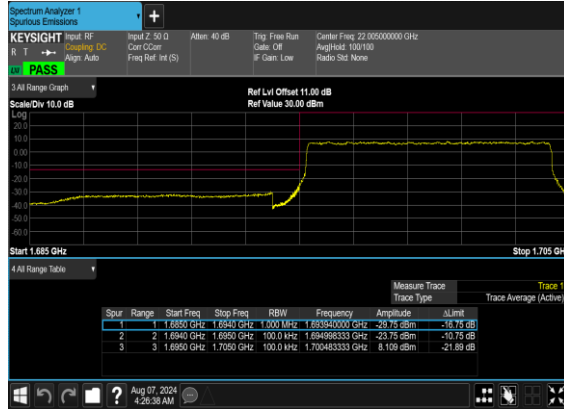




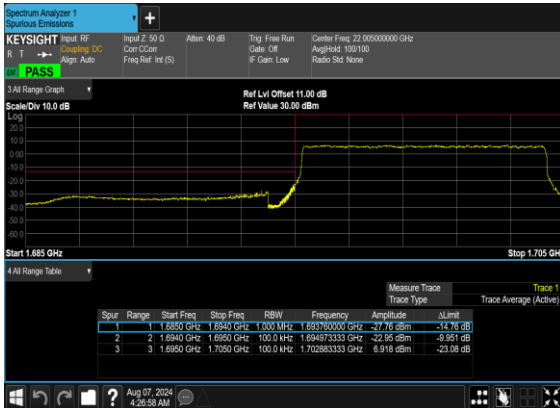
N70(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH\_chp\_PASS



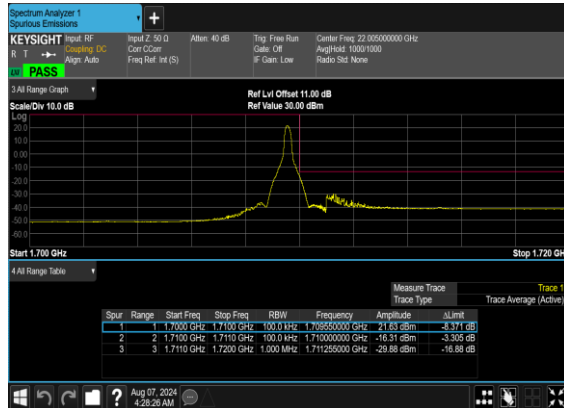
N70(10M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



N70(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH

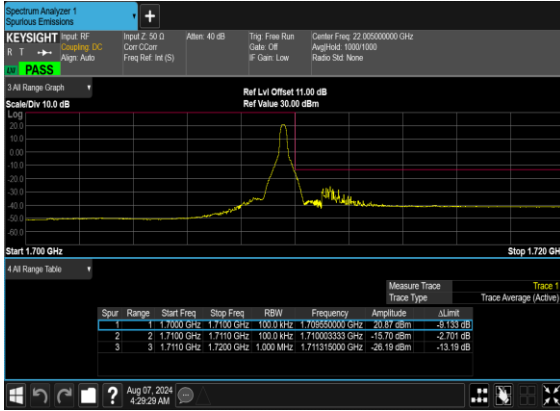


N70(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH

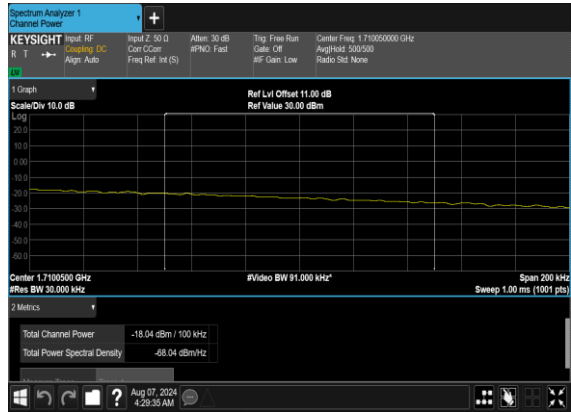




N70(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



N70(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH\_chp\_PASS



N70(10M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



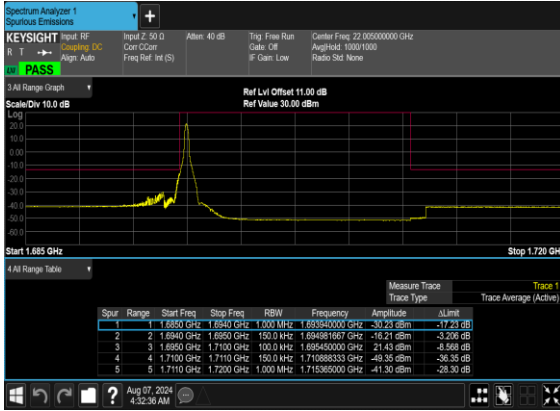
N70(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



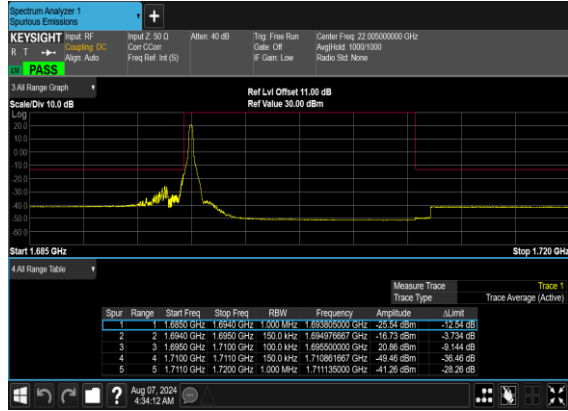




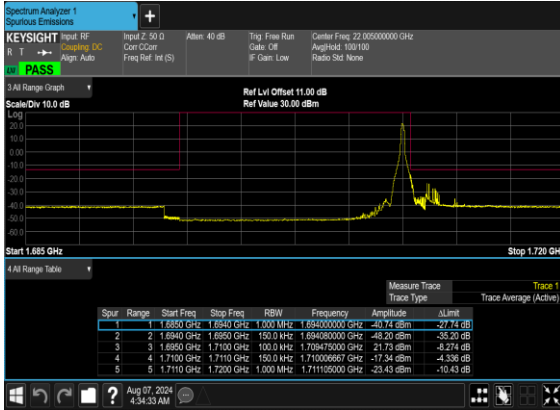
N70(15M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



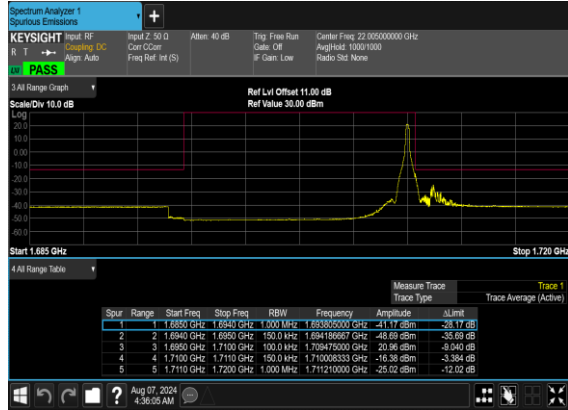
N70(15M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



N70(15M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_Mid\_CH

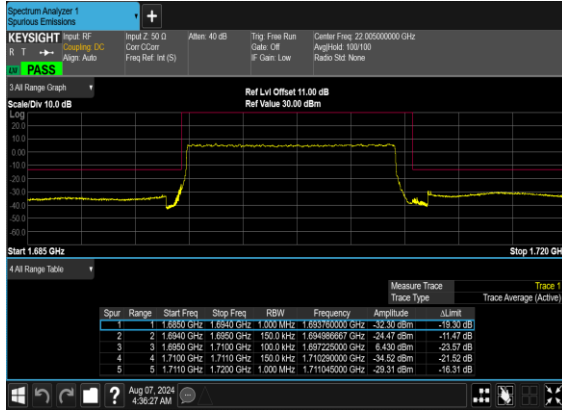


N70(15M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_Mid\_CH

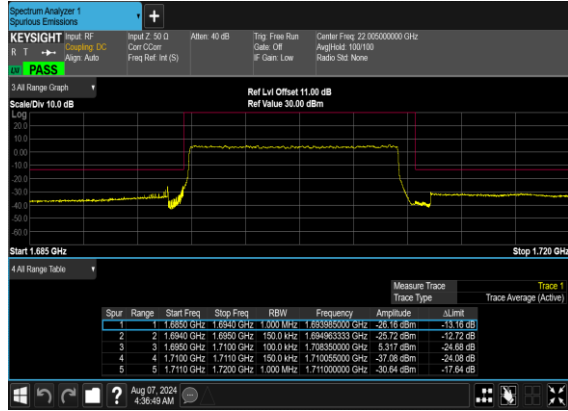




N70(15M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Mid\_CH



N70(15M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH





Software Version: 23.06.1602

# FR1 N70 MIMO-ANT(1+8)

## Transmitter Conducted Output Power And EIRP, (G<sub>T</sub> - L<sub>C</sub>)=0.15dBi

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	ANT1 Power(dBm)	ANT8 Power(dBm)	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
70	15	5	339500	1697.5	DFT-s-OFDM QPSK	1@1	23.67	23.94	26.82	26.97	0.4977
70	15	5	339500	1697.5	DFT-s-OFDM 16 QAM	1@1	18.84	23.06	24.45	24.6	0.2884
70	15	5	340500	1702.5	DFT-s-OFDM QPSK	1@1	23.68	23.75	26.73	26.88	0.4875
70	15	5	340500	1702.5	DFT-s-OFDM 16 QAM	1@1	21.86	22.97	25.46	25.61	0.3639
70	15	5	341500	1707.5	DFT-s-OFDM QPSK	1@1	23.74	23.73	26.75	26.9	0.4898
70	15	5	341500	1707.5	DFT-s-OFDM 16 QAM	1@1	22.91	22.96	25.95	26.1	0.4074
70	15	10	340000	1700	DFT-s-OFDM QPSK	1@1	23.87	24.01	26.95	27.1	0.5129
70	15	10	340000	1700	DFT-s-OFDM 16 QAM	1@1	22.89	23.01	25.96	26.11	0.4083
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	1@1	23.97	23.71	26.85	27	0.5012
70	15	10	340500	1702.5	DFT-s-OFDM 16 QAM	1@1	23	22.68	25.85	26	0.3981
70	15	10	341000	1705	DFT-s-OFDM QPSK	1@1	24.02	23.58	26.82	26.97	0.4977
70	15	10	341000	1705	DFT-s-OFDM 16 QAM	1@1	23.01	22.74	25.89	26.04	0.4018
70	15	15	340500	1702.5	DFT-s-OFDM PI/2 BPSK	36@18	24.37	24.14	27.27	27.42	0.5521
70	15	15	340500	1702.5	DFT-s-OFDM PI/2 BPSK	1@1	24.22	24.08	27.16	27.31	0.5383
70	15	15	340500	1702.5	DFT-s-OFDM PI/2 BPSK	1@77	24.07	23.95	27.02	27.17	0.5212
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	36@18	23.77	23.52	26.66	26.81	0.4797
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	1@1	23.66	23.48	26.58	26.73	0.4710
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	1@77	23.75	23.59	26.68	26.83	0.4819



70	15	15	340500	1702.5	DFT-s-OFDM 16 QAM	36@18	22.71	22.49	25.61	25.76	0.3767
70	15	15	340500	1702.5	DFT-s-OFDM 16 QAM	1@1	22.92	22.58	25.76	25.91	0.3899
70	15	15	340500	1702.5	DFT-s-OFDM 16 QAM	1@77	22.92	22.61	25.78	25.93	0.3917
70	15	15	340500	1702.5	DFT-s-OFDM 64 QAM	36@18	21.28	21.01	24.16	24.31	0.2698
70	15	15	340500	1702.5	DFT-s-OFDM 64 QAM	1@1	21.35	21.23	24.30	24.45	0.2786
70	15	15	340500	1702.5	DFT-s-OFDM 64 QAM	1@77	21.44	21.14	24.30	24.45	0.2786
70	15	15	340500	1702.5	DFT-s-OFDM 256 QAM	36@18	18.69	18.45	21.58	21.73	0.1489
70	15	15	340500	1702.5	DFT-s-OFDM 256 QAM	1@1	18.6	18.38	21.50	21.65	0.1462
70	15	15	340500	1702.5	DFT-s-OFDM 256 QAM	1@77	18.4	18.18	21.30	21.45	0.1396
70	15	15	340500	1702.5	CP-OFDM QPSK	39@19	22.2	21.88	25.05	25.2	0.3311
70	15	15	340500	1702.5	CP-OFDM QPSK	1@1	22.32	22.02	25.18	25.33	0.3412
70	15	15	340500	1702.5	CP-OFDM QPSK	1@77	22.14	21.95	25.06	25.21	0.3319



# FR1 N70 MIMO-ANT(1+8)\_ANT1

## Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0068	PASS	NV
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0041	PASS	LV
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0047	PASS	HV
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0024	PASS	-30°C
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0025	PASS	-20°C
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0069	PASS	-10°C
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0029	PASS	0°C
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0027	PASS	10°C
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0068	PASS	20°C
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0061	PASS	30°C
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0057	PASS	40°C
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	0.0065	PASS	50°C



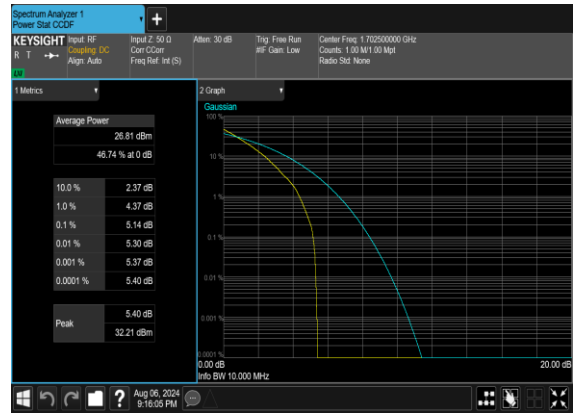
### Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
70	15	10	340500	1702.5	DFT-s-OFDM PI/2 BPSK	50@0	4.07	13	PASS
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	50@0	5.14	13	PASS



N70(10M)\_DFT-s-OFDM\_PI\_2-  
BPSK\_Outer\_Full\_Mid\_CH

N70(10M)\_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)
70	15	5	340500	1702.5	CP-OFDM QPSK	25@0	4.4597	4.952
70	15	5	340500	1702.5	CP-OFDM 16 QAM	25@0	4.4845	5.051
70	15	5	340500	1702.5	CP-OFDM 64 QAM	25@0	4.4657	4.995
70	15	5	340500	1702.5	CP-OFDM 256 QAM	25@0	4.4757	5.075
70	15	10	340500	1702.5	CP-OFDM QPSK	52@0	9.2837	10.12
70	15	10	340500	1702.5	CP-OFDM 16 QAM	52@0	9.2885	9.986
70	15	10	340500	1702.5	CP-OFDM 64 QAM	52@0	9.2723	9.926
70	15	10	340500	1702.5	CP-OFDM 256 QAM	52@0	9.2952	10.06
70	15	15	340500	1702.5	CP-OFDM QPSK	79@0	14.094	14.95
70	15	15	340500	1702.5	CP-OFDM 16 QAM	79@0	14.12	14.95
70	15	15	340500	1702.5	CP-OFDM 64 QAM	79@0	14.106	14.95
70	15	15	340500	1702.5	CP-OFDM 256 QAM	79@0	14.102	14.96