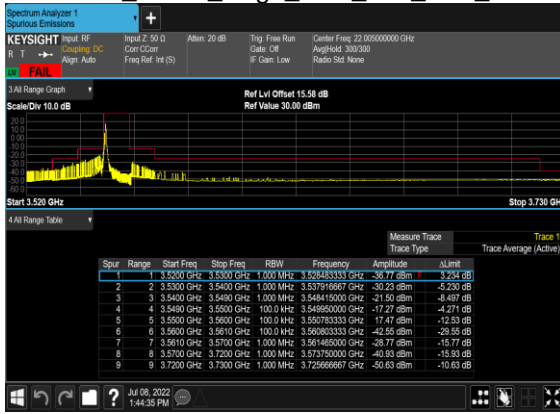
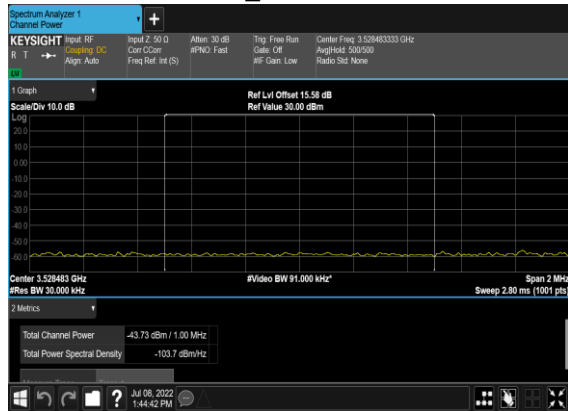




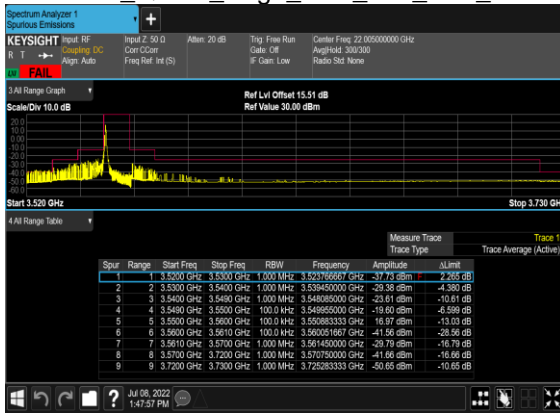
B13\_N48(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



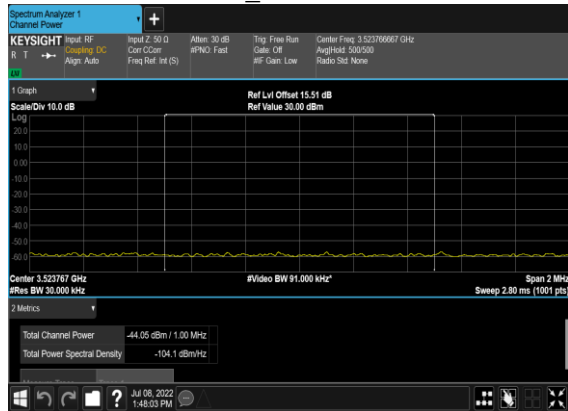
B13\_N48(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP\_PASS



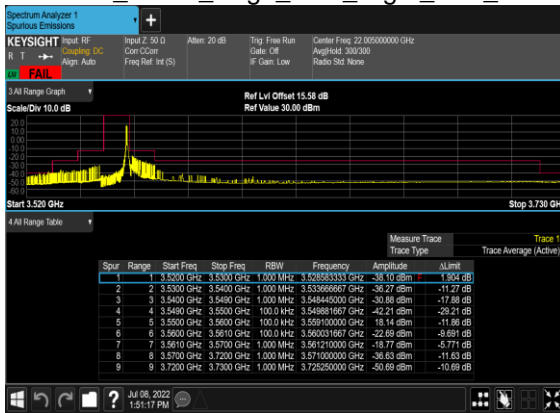
B13\_N48(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



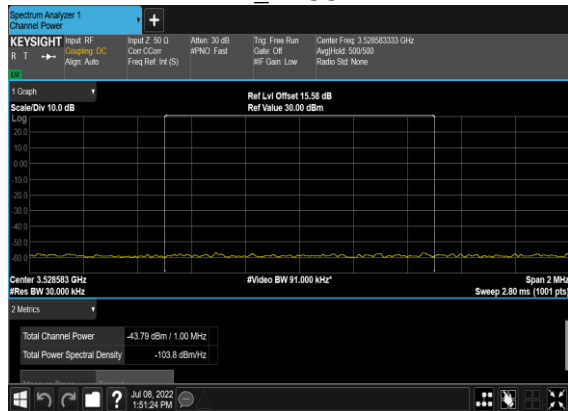
B13\_N48(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP\_PASS



B13\_N48(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_Low\_CH

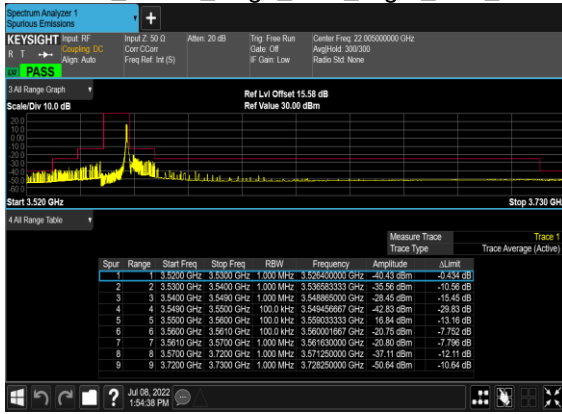


B13\_N48(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_Low\_CH\_CH\_P\_PASS

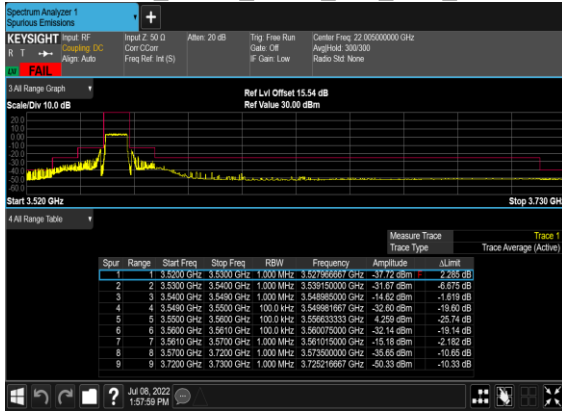




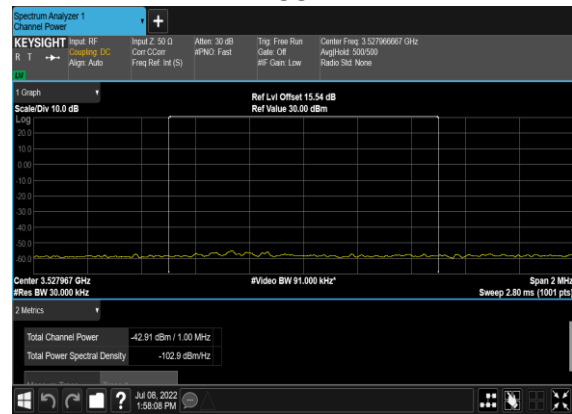
B13\_N48(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_Low\_CH



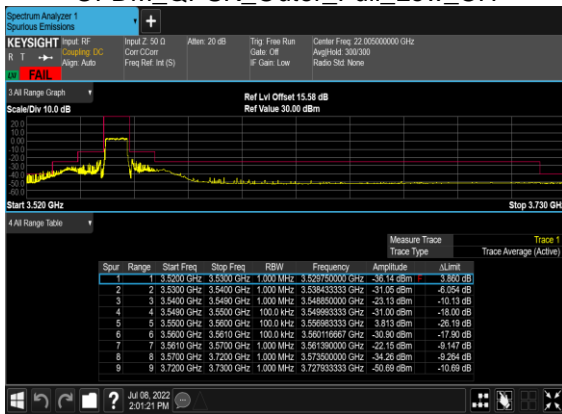
B13\_N48(10M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



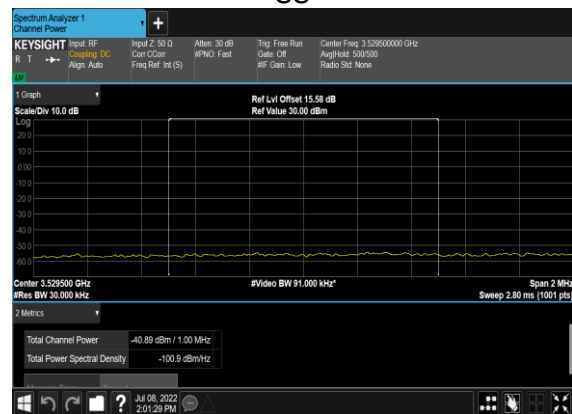
B13\_N48(10M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH\_CHP\_PA SS



B13\_N48(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH

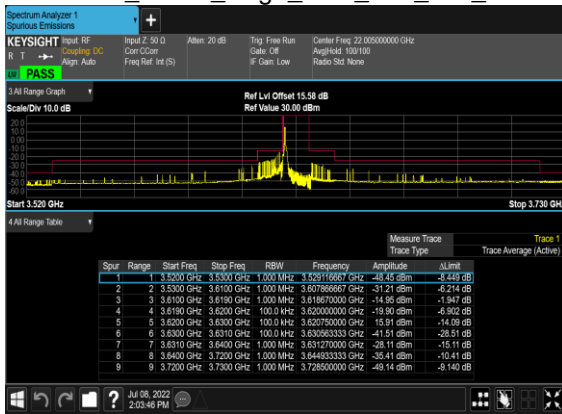


B13\_N48(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH\_CHP\_PA SS

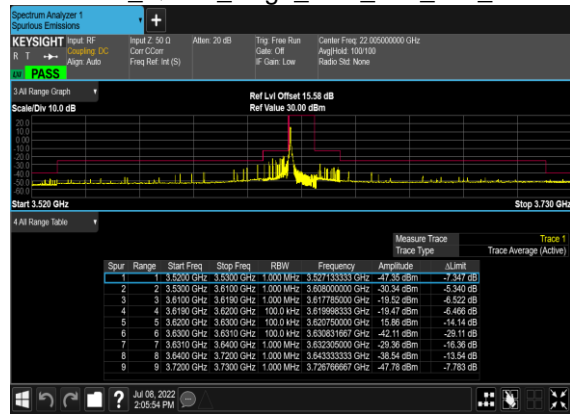




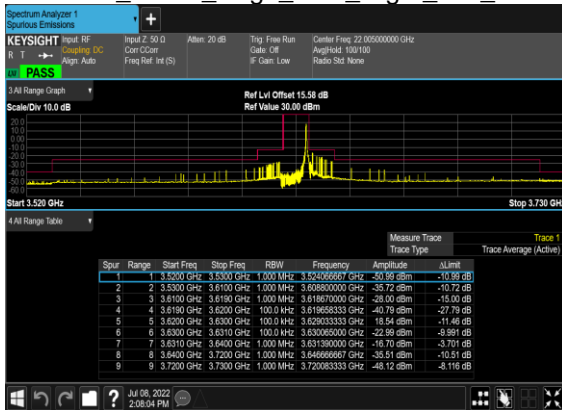
B13\_N48(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



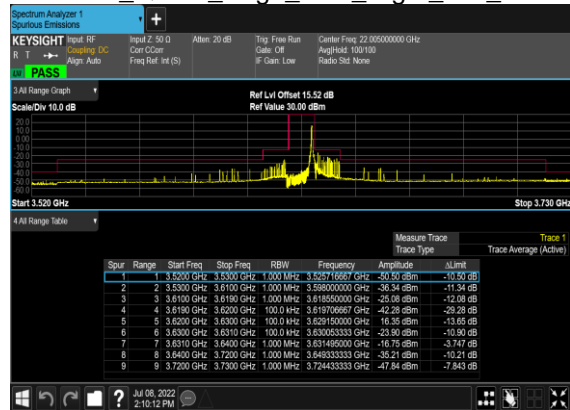
B13\_N48(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



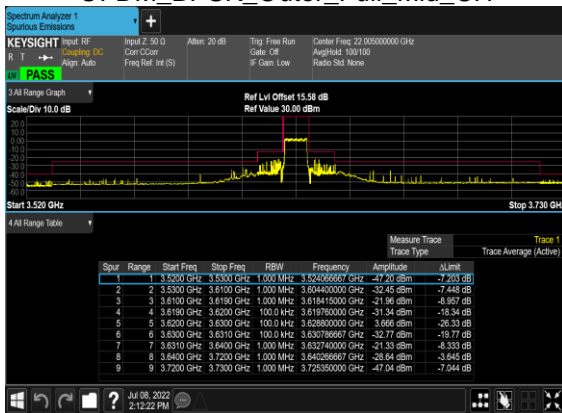
B13\_N48(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_Mid\_CH



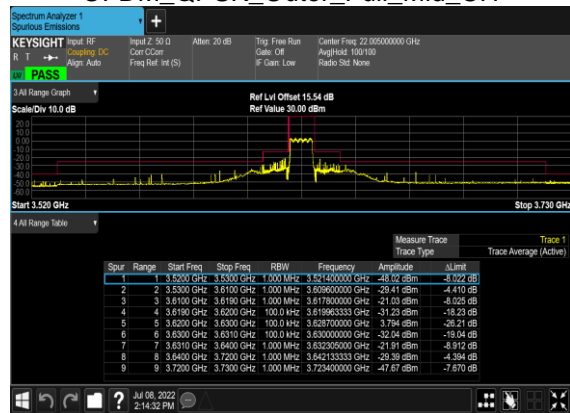
B13\_N48(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_Mid\_CH



B13\_N48(10M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Mid\_CH

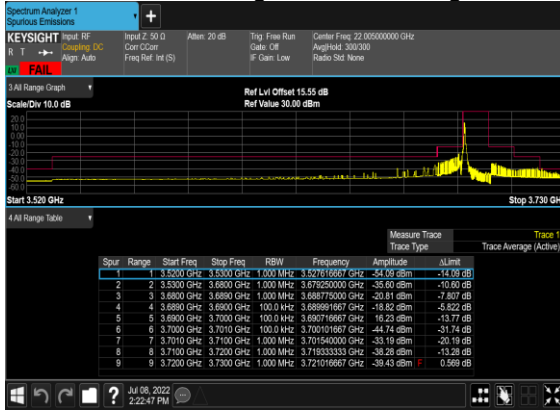


B13\_N48(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH

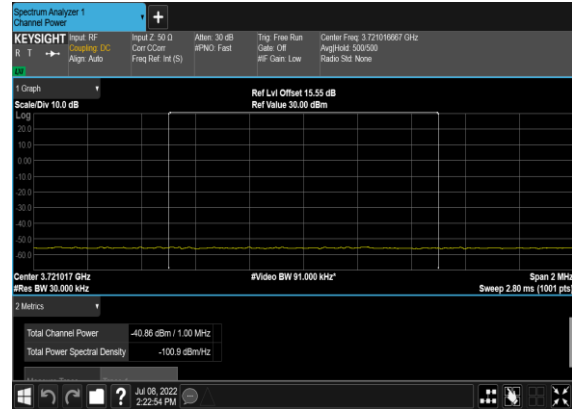




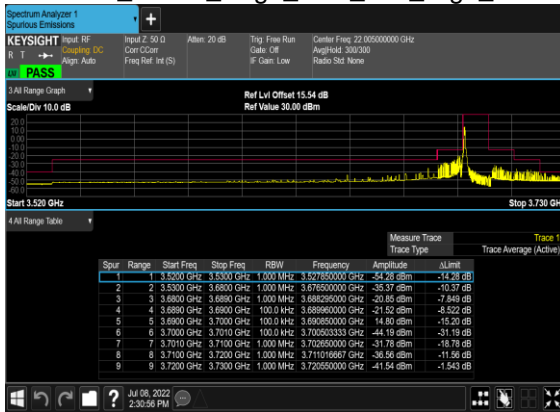
B13\_N48(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



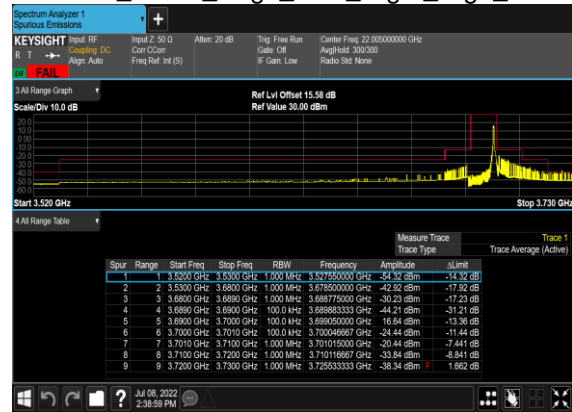
B13\_N48(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH\_CH P\_PASS



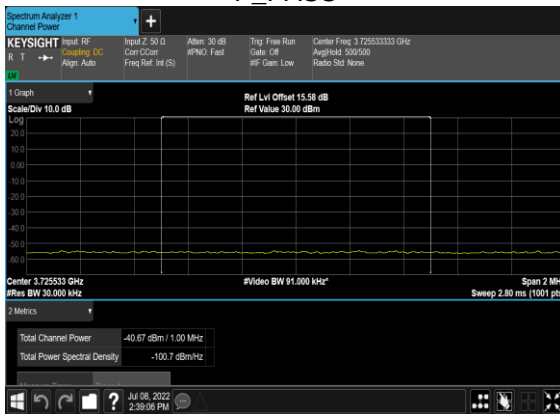
B13\_N48(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



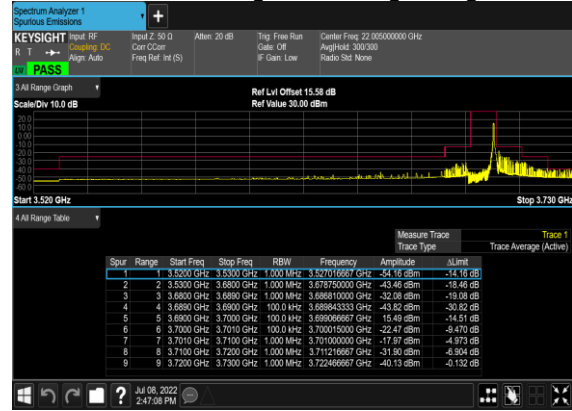
B13\_N48(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



B13\_N48(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH\_CH P\_PASS

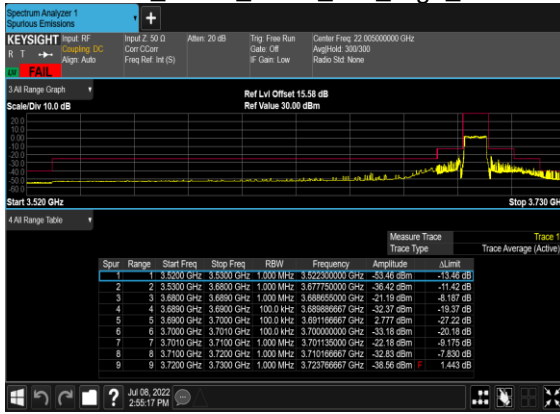


B13\_N48(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH

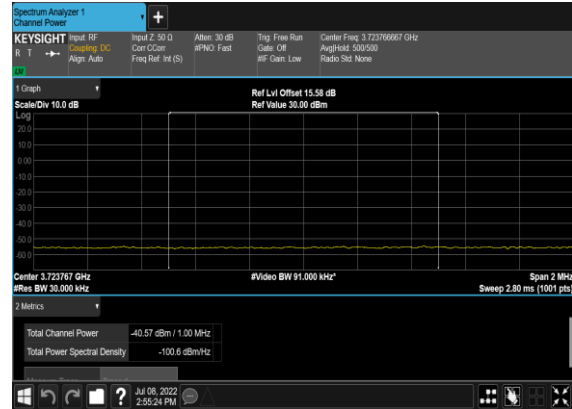




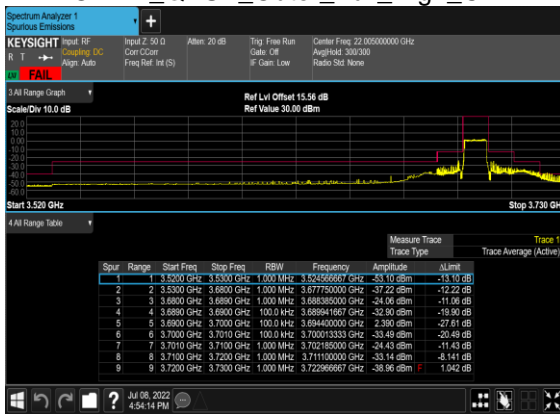
B13\_N48(10M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



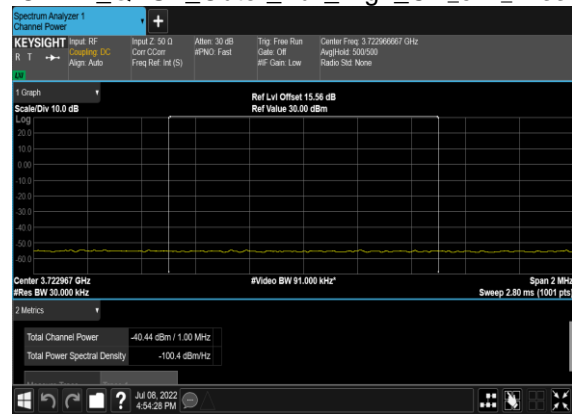
B13\_N48(10M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH\_CHP\_PA SS



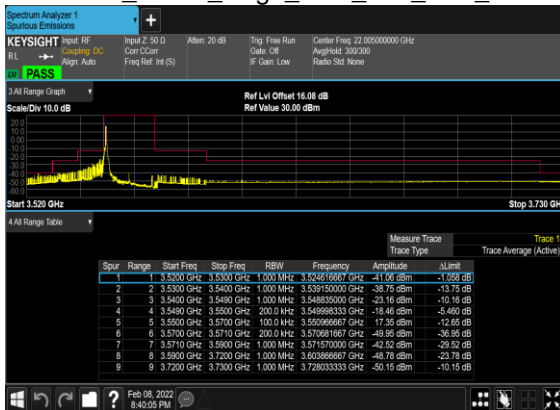
B13\_N48(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



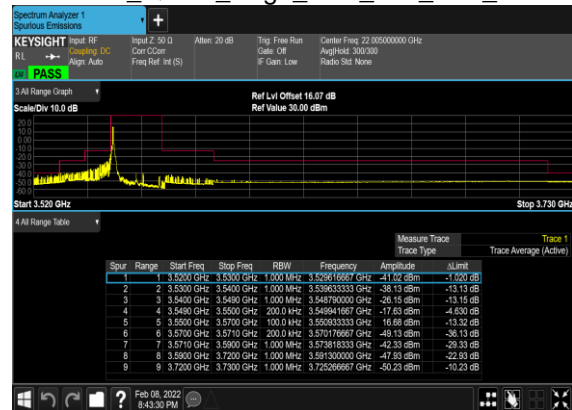
B13\_N48(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH\_CHP\_PASS



B13\_N48(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH

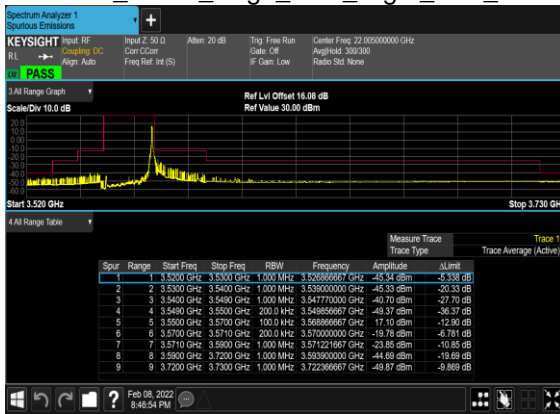


B13\_N48(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH

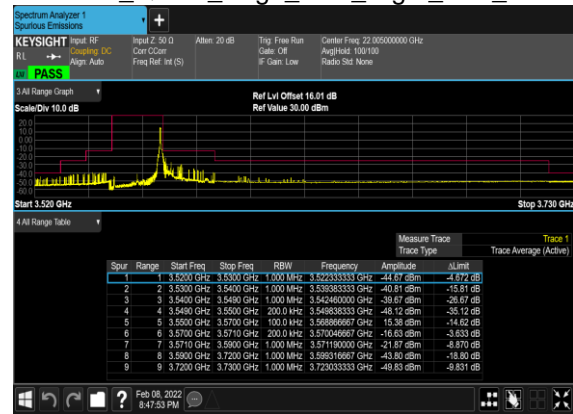




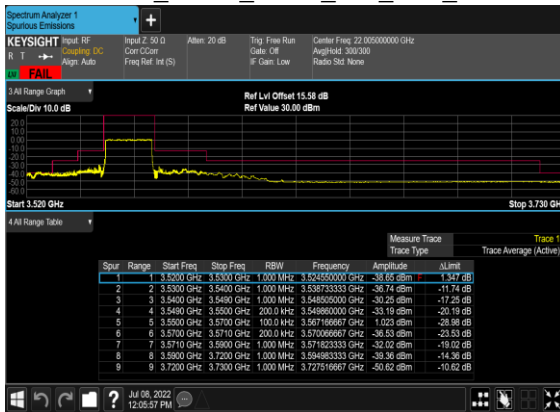
B13\_N48(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_Low\_CH



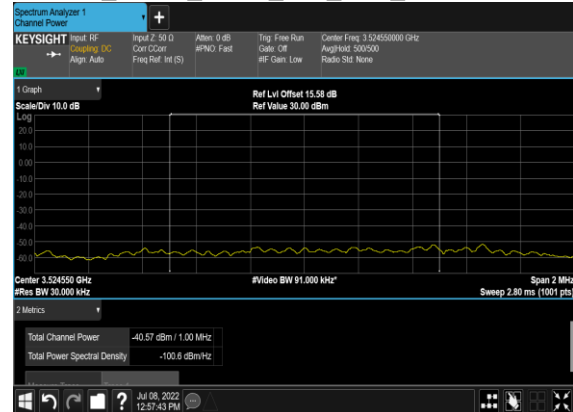
B13\_N48(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_Low\_CH



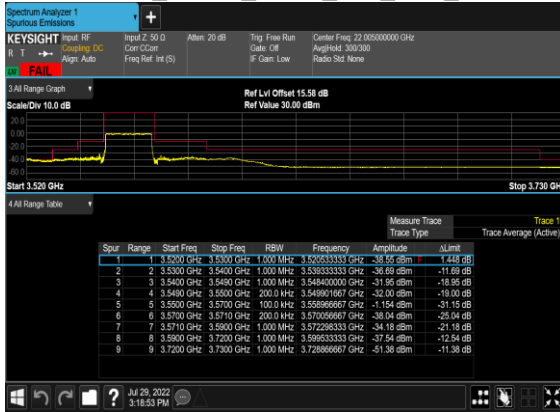
B13\_N48(20M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



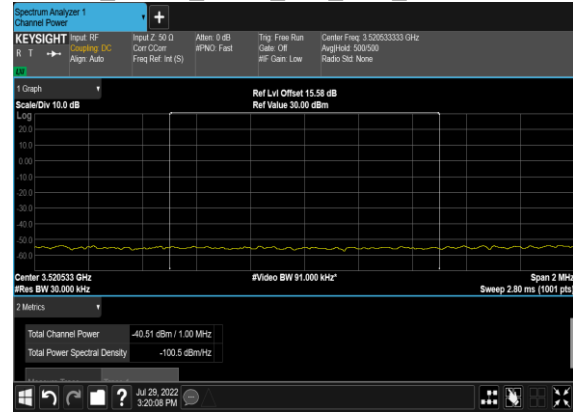
B13\_N48(20M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH\_CHP\_PASS



B13\_N48(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH

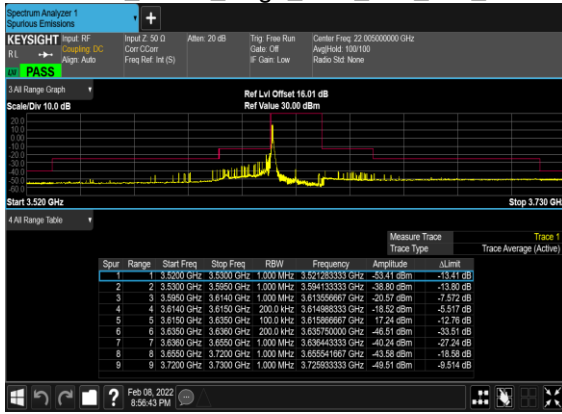


B13\_N48(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH\_CHP\_PASS

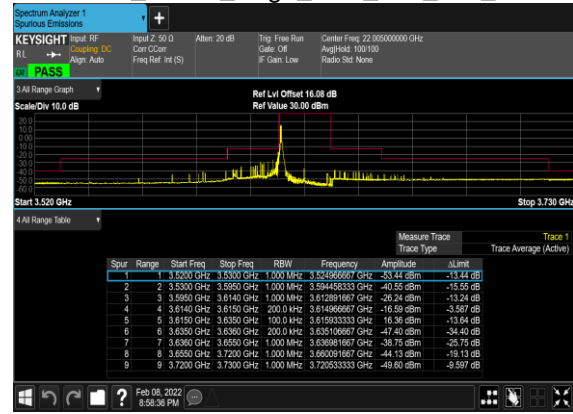




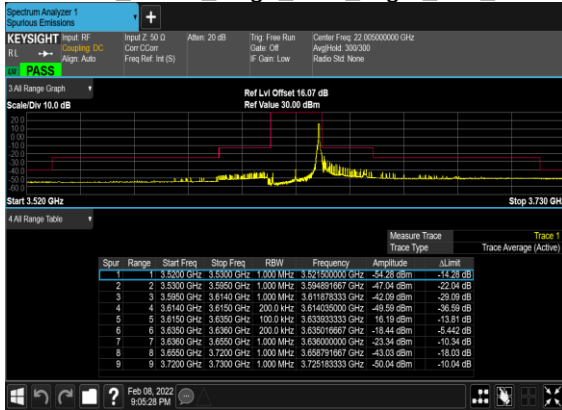
B13\_N48(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



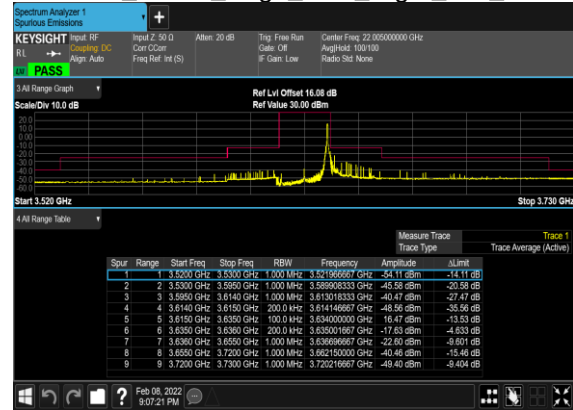
B13\_N48(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



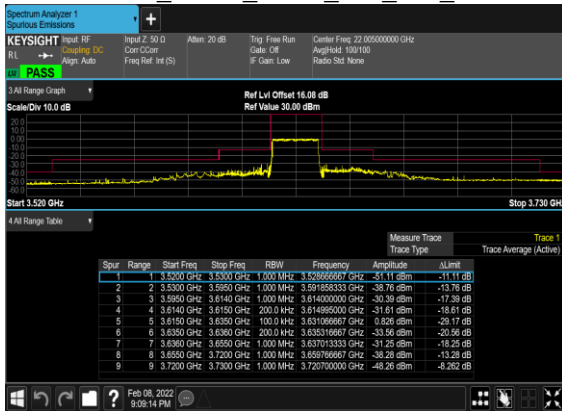
B13\_N48(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_Mid\_CH



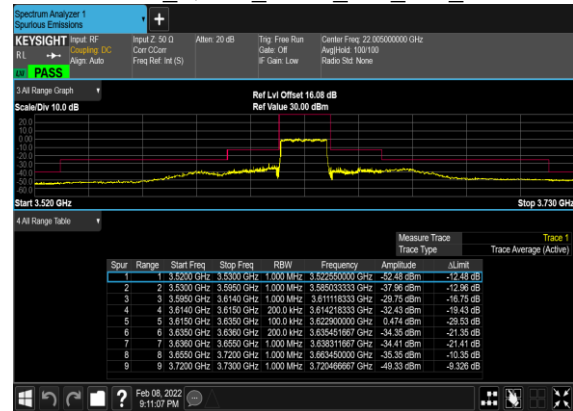
B13\_N48(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_Mid\_CH



B13\_N48(20M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Mid\_CH

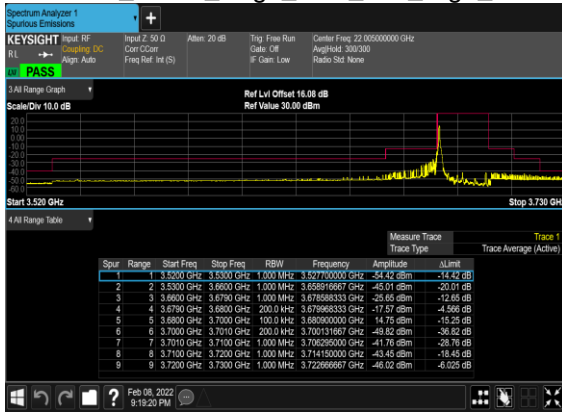


B13\_N48(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH

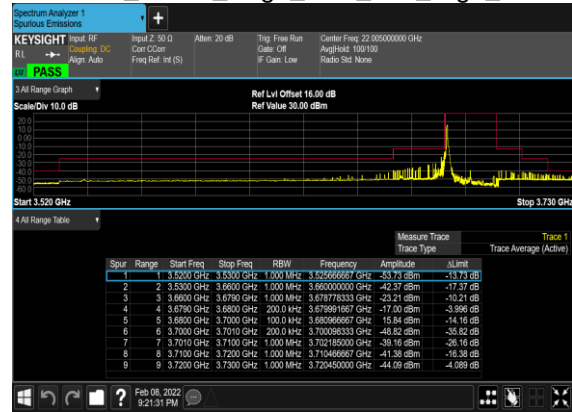




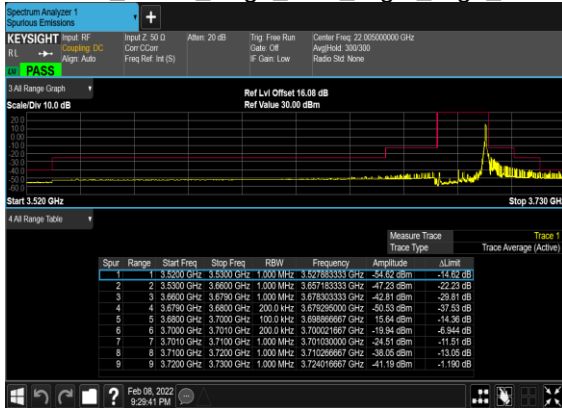
B13\_N48(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



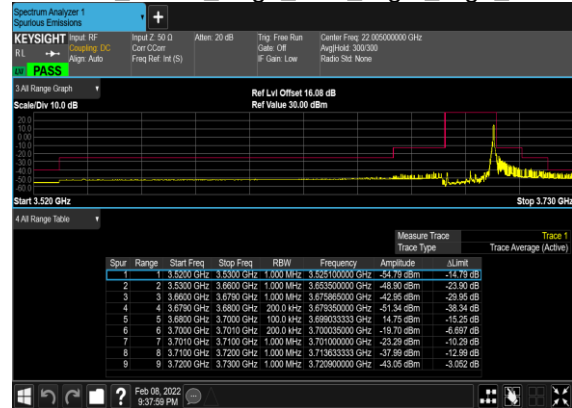
B13\_N48(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



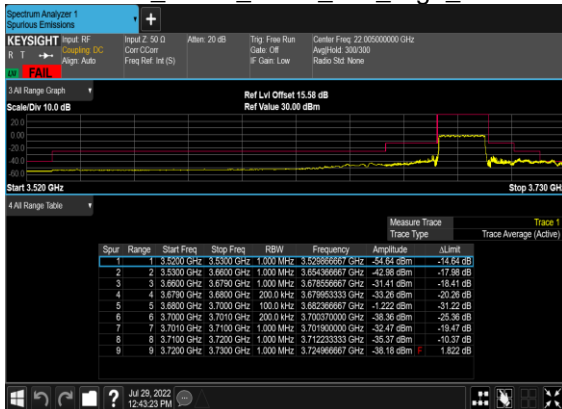
B13\_N48(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



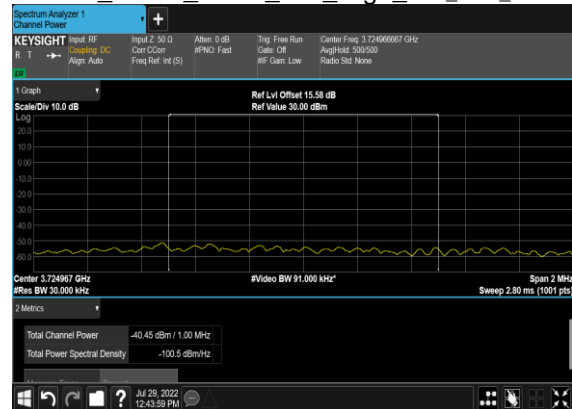
B13\_N48(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



B13\_N48(20M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



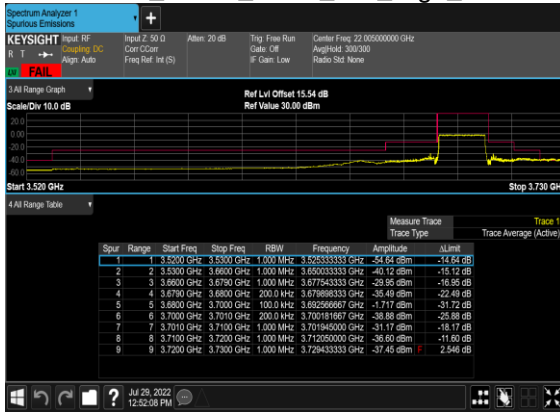
B13\_N48(20M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH\_CHP\_PASS



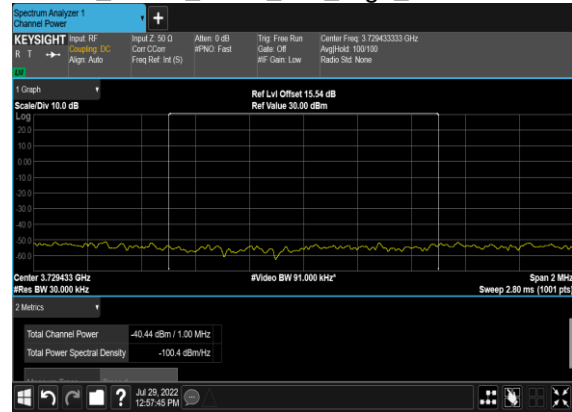




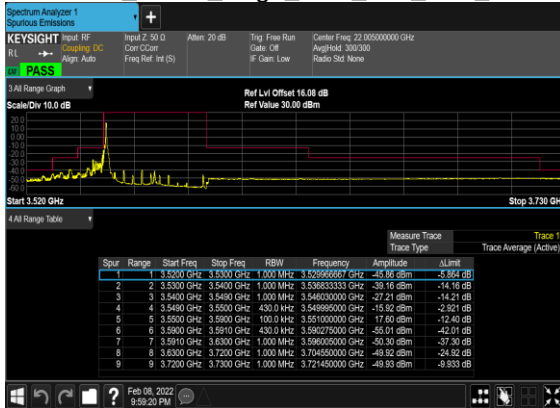
B13\_N48(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



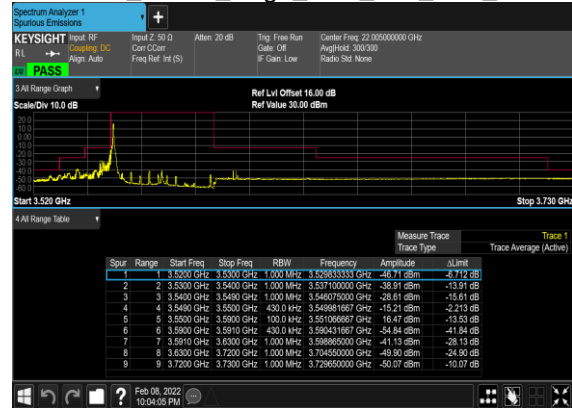
B13\_N48(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH\_CHP\_PASS



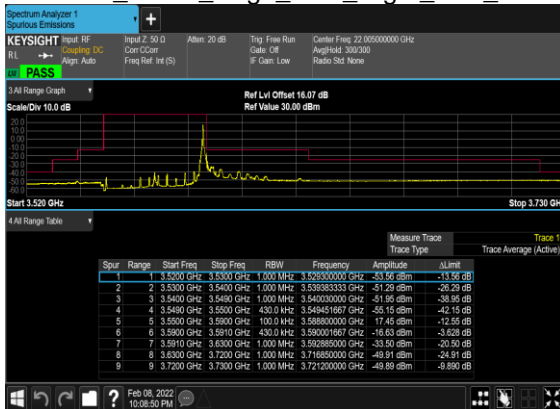
B13\_N48(40M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



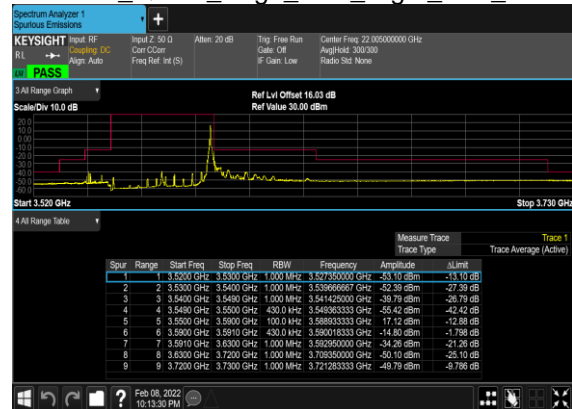
B13\_N48(40M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



B13\_N48(40M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_Low\_CH

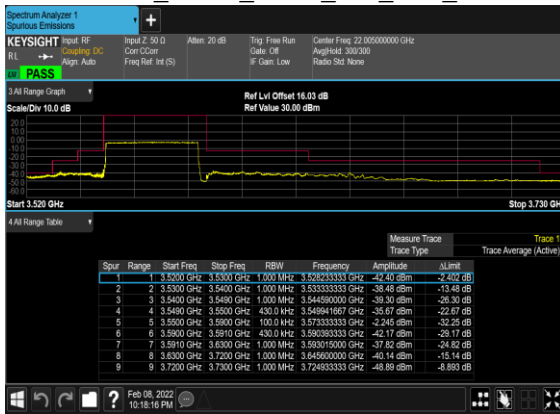


B13\_N48(40M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_Low\_CH

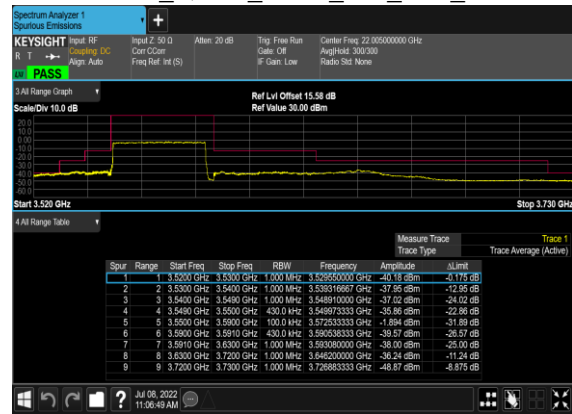




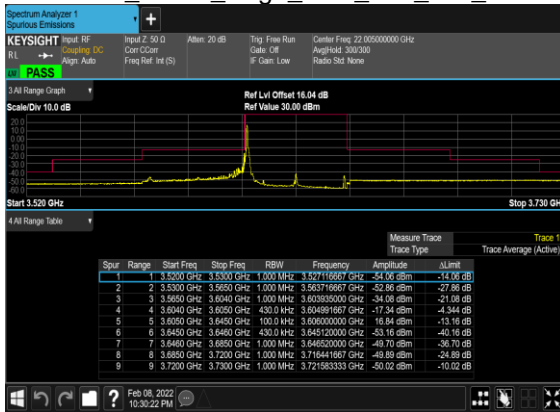
B13\_N48(40M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



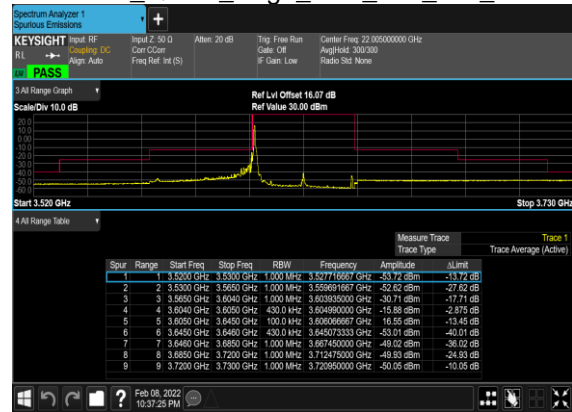
B13\_N48(40M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



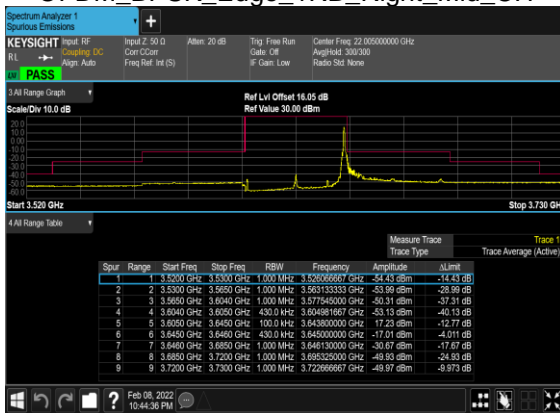
B13\_N48(40M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



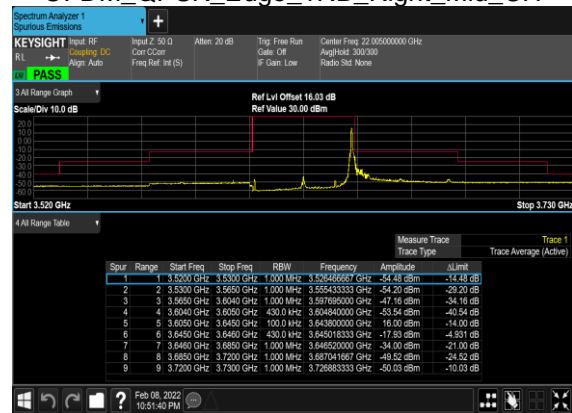
B13\_N48(40M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



B13\_N48(40M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_Mid\_CH

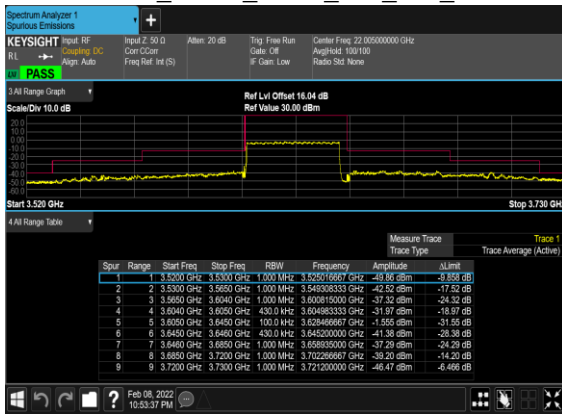


B13\_N48(40M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_Mid\_CH

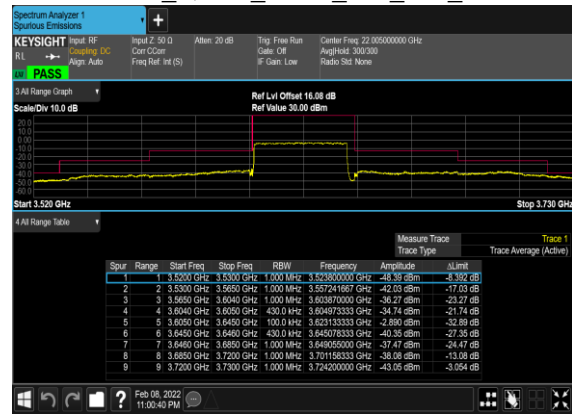




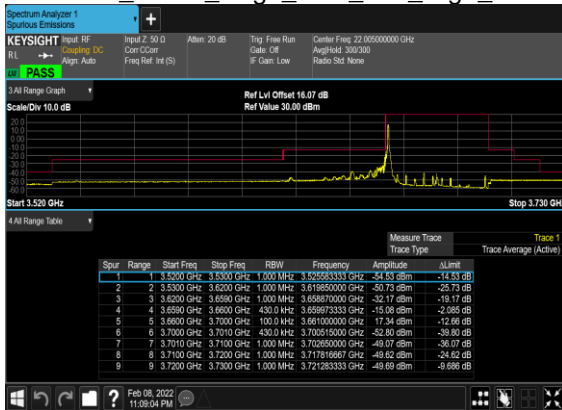
B13\_N48(40M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Mid\_CH



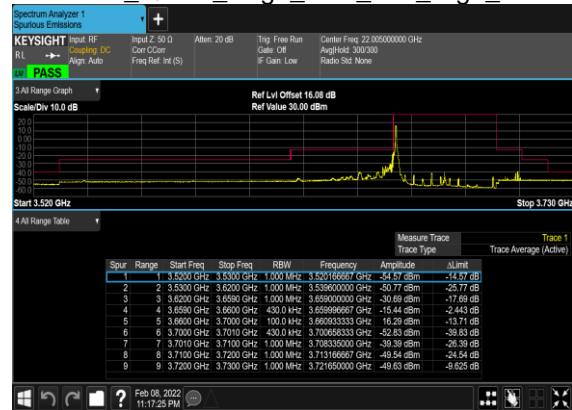
B13\_N48(40M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



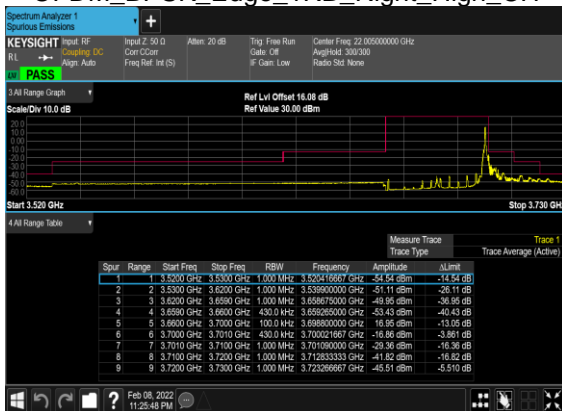
B13\_N48(40M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



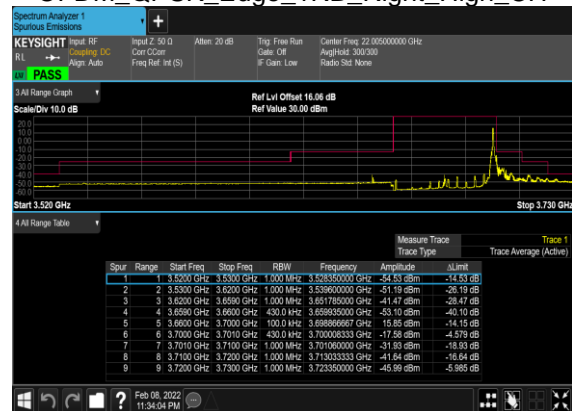
B13\_N48(40M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



B13\_N48(40M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH

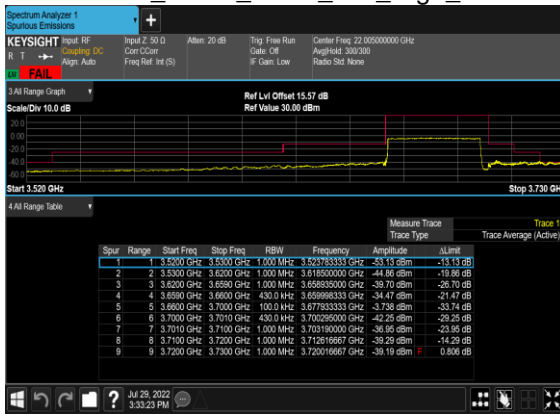


B13\_N48(40M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH

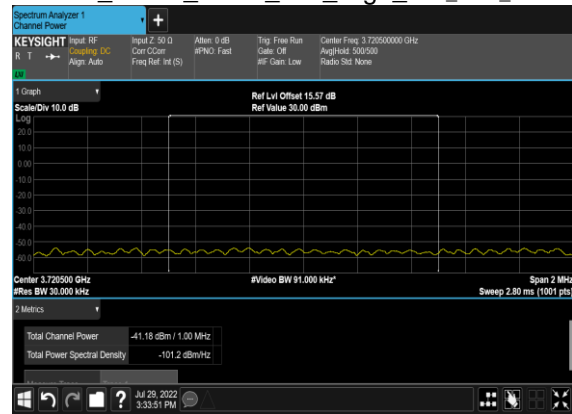




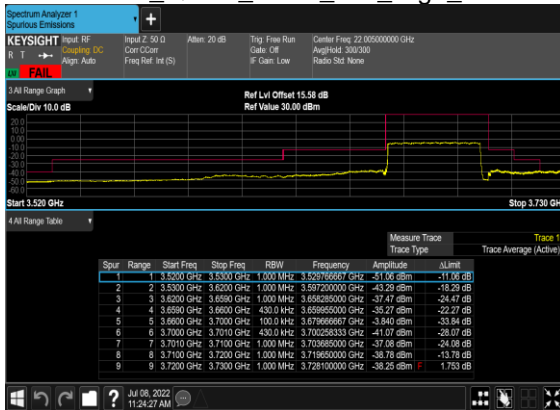
B13\_N48(40M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



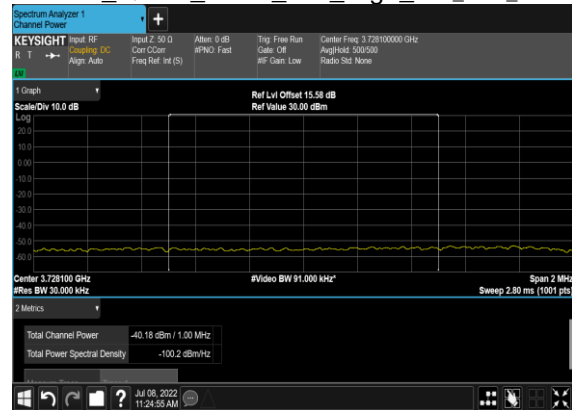
B13\_N48(40M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH\_CHP\_PASS



B13\_N48(40M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



B13\_N48(40M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH\_CHP\_FAIL





## Appendix B. Test Results of Radiated Test

### Radiated Spurious Emission

Test Engineer :	Zhaohui Liang	Temperature :	22~25°C
		Relative Humidity :	48~52%

EN-DC_13A_n48A / LTE 15MHz + NR 40MHz / QPSK									
Channel	Frequency ( MHz )	ERP/EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
NR n48 Middle	7249.98	-58.81	-40	-18.81	-66.83	-62.11	8.30	11.60	H
	10874.97	-55.14	-40	-15.14	-68.47	-56.66	10.48	12.00	H
	14499.96	-55.78	-40	-15.78	-70.25	-57.48	11.80	13.50	H
	7249.98	-57.40	-40	-17.40	-66.96	-60.70	8.30	11.60	V
	10874.97	-53.64	-40	-13.64	-68.62	-55.16	10.48	12.00	V
	14499.96	-55.76	-40	-15.76	-69.84	-57.46	11.80	13.50	V
LTE Band13 Middle	1555	-66.35	-13	-53.35	-77.64	-69.60	4.00	9.40	H
	2332.5	-61.33	-13	-48.33	-79.31	-64.90	4.88	10.60	H
	3110	-60.08	-13	-47.08	-80.14	-65.01	5.52	12.60	H
	1555	-65.76	-13	-52.76	-77.67	-69.01	4.00	9.40	V
	2332.5	-60.65	-13	-47.65	-78.91	-64.22	4.88	10.60	V
	3110	-60.66	-13	-47.66	-82.45	-65.59	5.52	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.