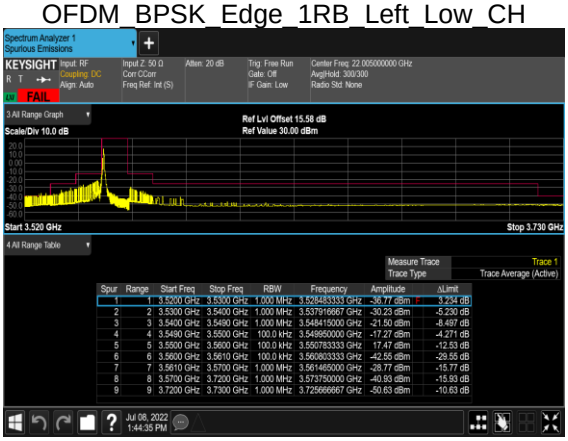
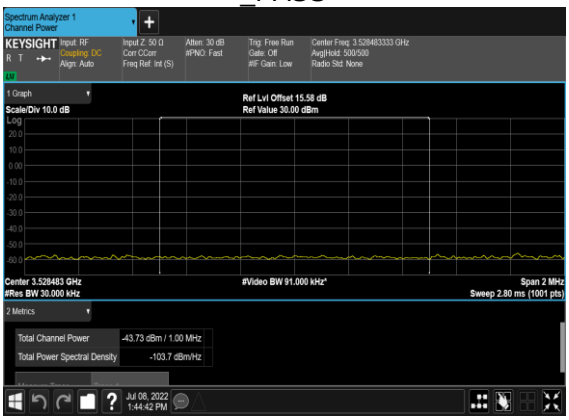
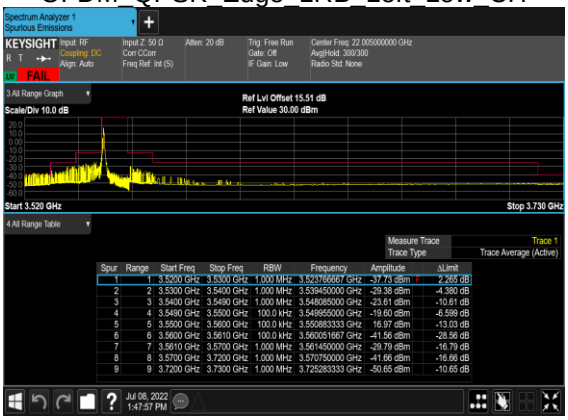
B13_N48(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



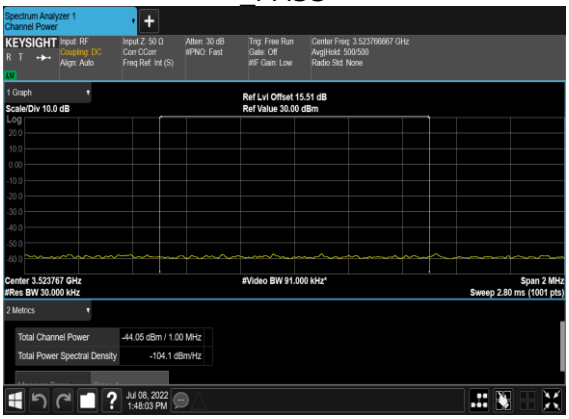
B13_N48(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_CHP_PASS



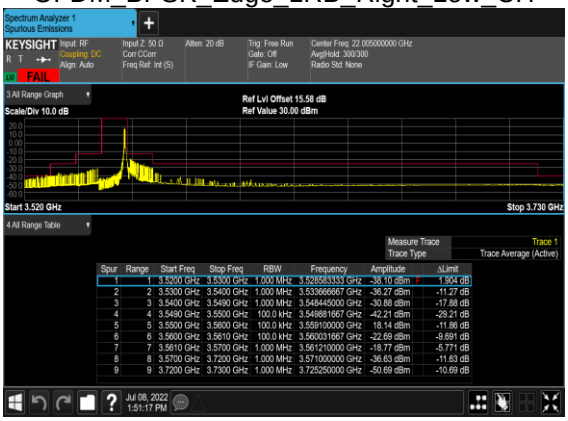
B13_N48(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



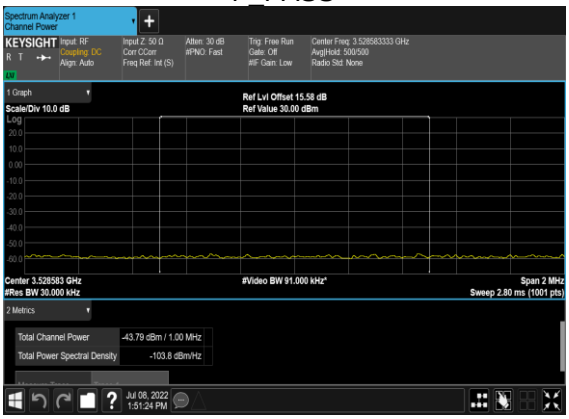
B13_N48(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP_PASS



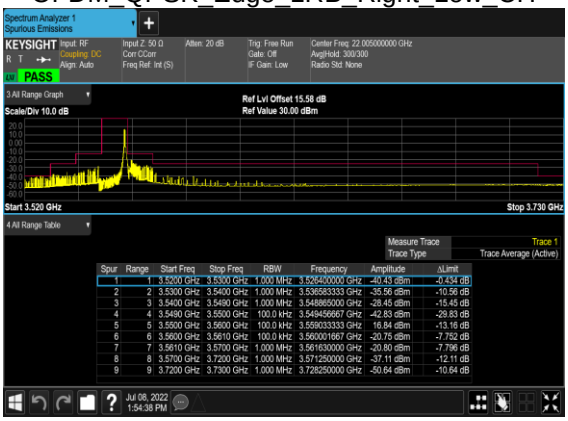
B13_N48(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Low_CH



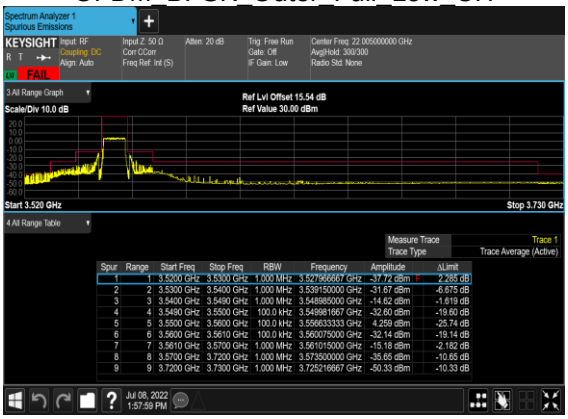
B13_N48(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Low_CH_CHP_PASS



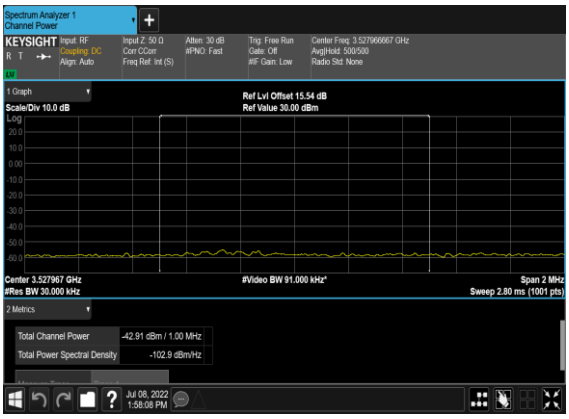
B13_N48(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Low_CH



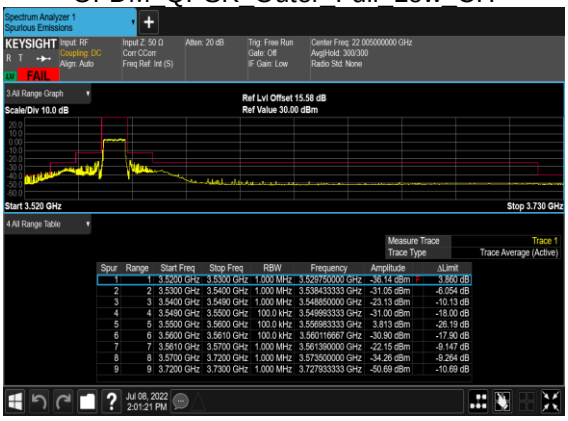
B13_N48(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



B13_N48(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH_CHP_PASS

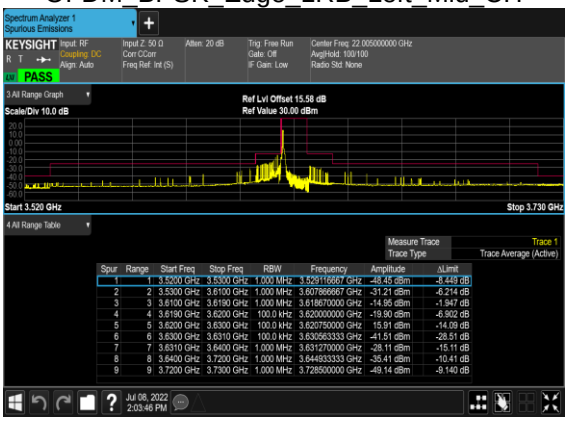


B13_N48(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

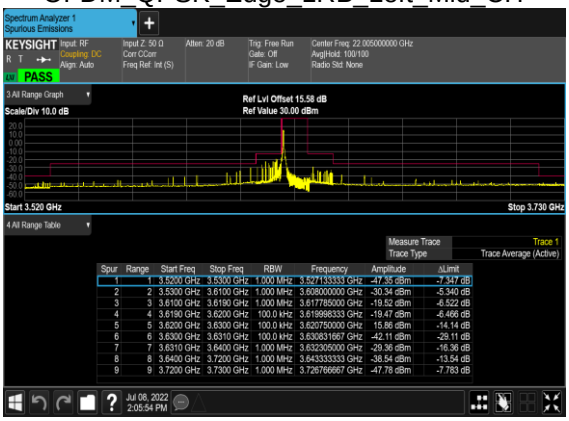


B13_N48(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH_CHP_PASS

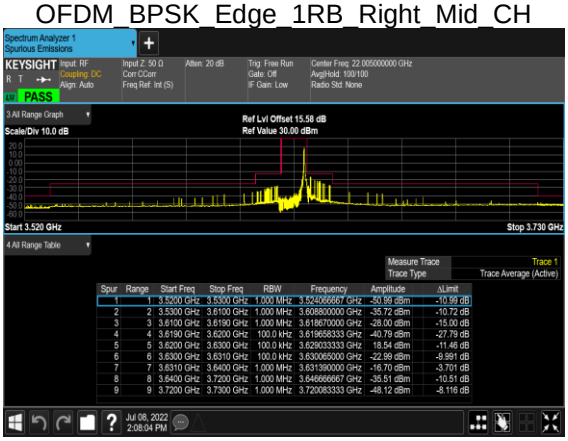
B13_N48(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



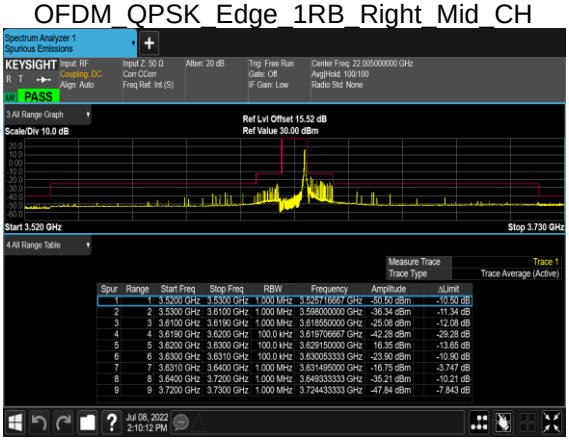
B13_N48(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



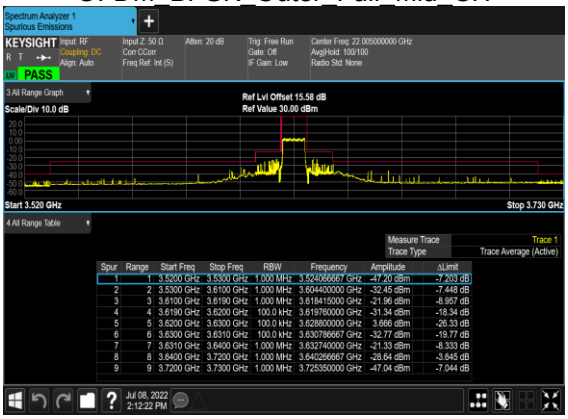
B13_N48(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Mid_CH



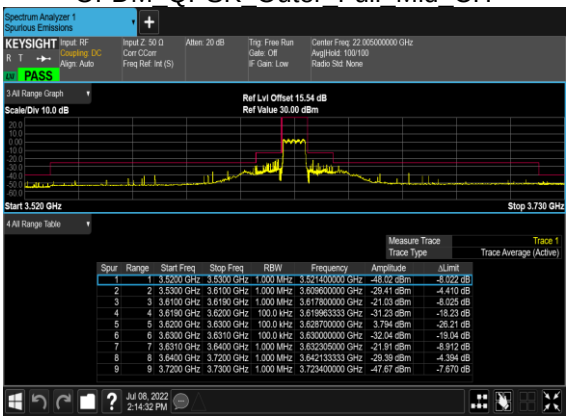
B13_N48(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Mid_CH



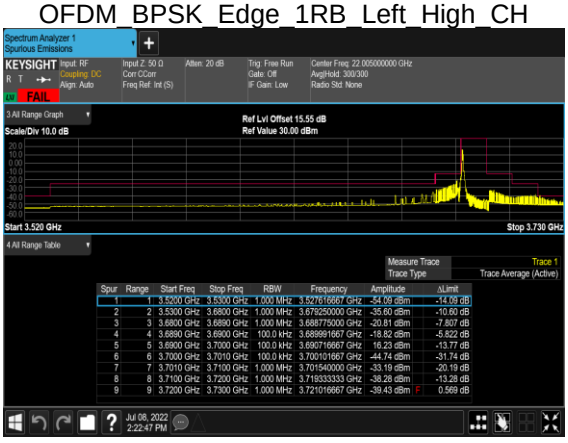
B13_N48(10M)_DFT-s-OFDM_BPSK_Outer_Full_Mid_CH



B13_N48(10M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

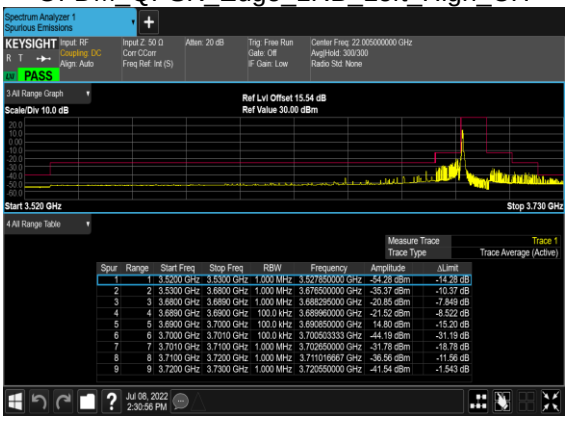


B13_N48(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH

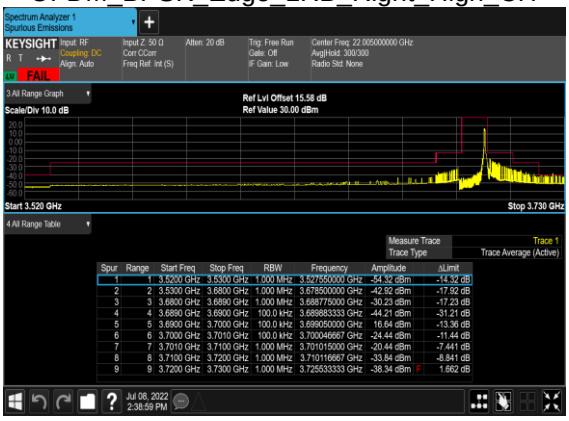


B13_N48(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH_CHP_PASS

B13_N48(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

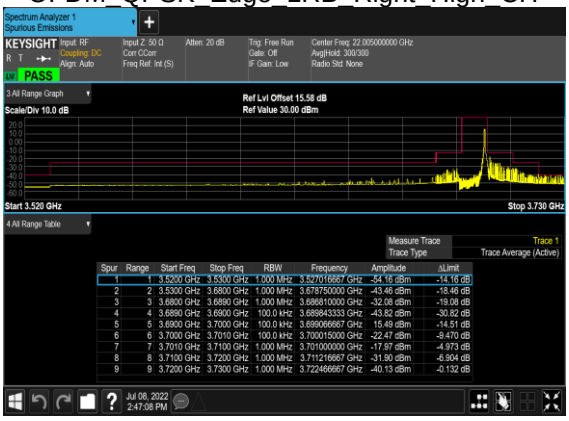


B13_N48(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

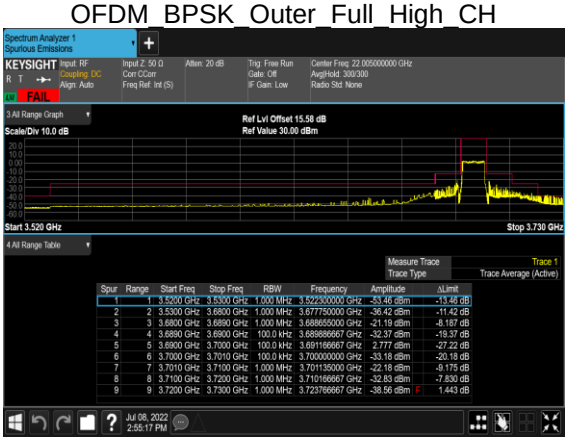


B13_N48(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH_CHP_PASS

B13_N48(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

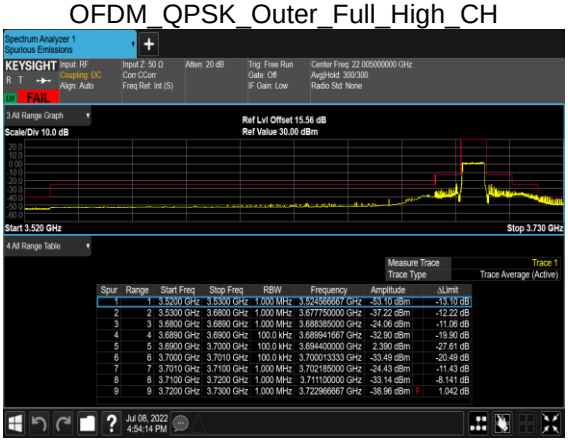


B13_N48(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

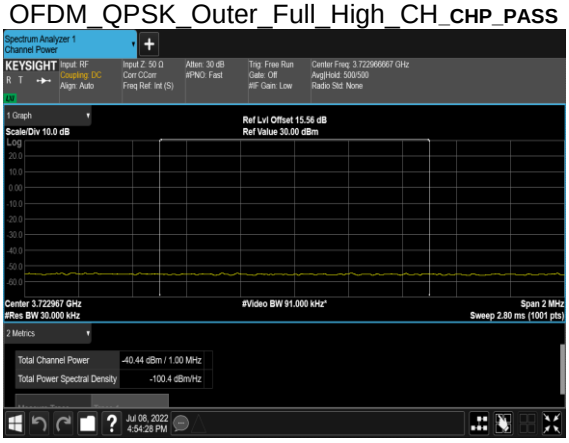


B13_N48(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH_CHP_PASS

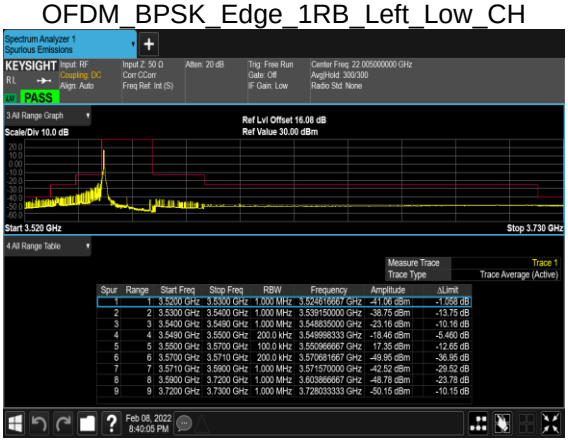
B13_N48(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



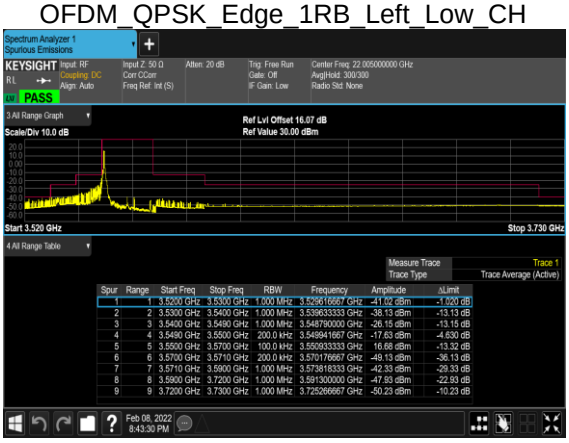
B13_N48(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH_CHP_PASS



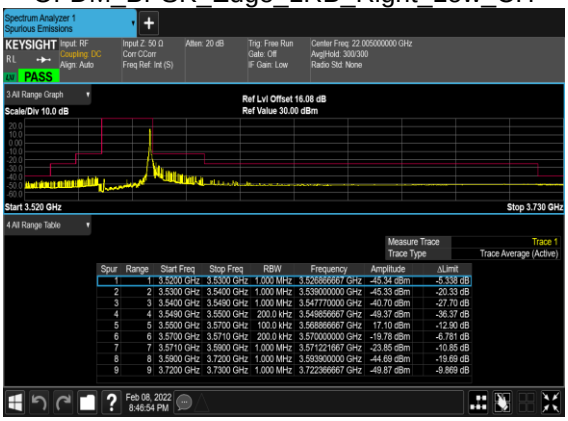
B13_N48(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



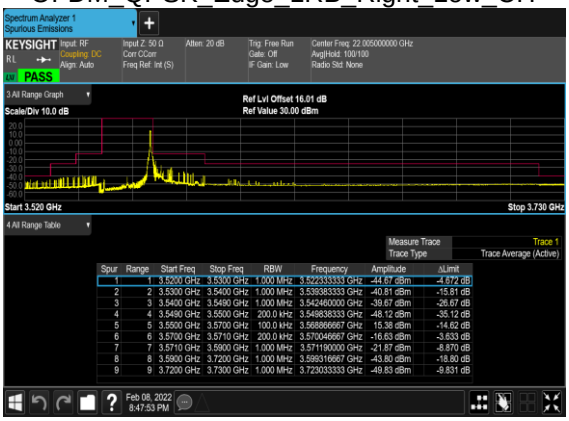
B13_N48(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



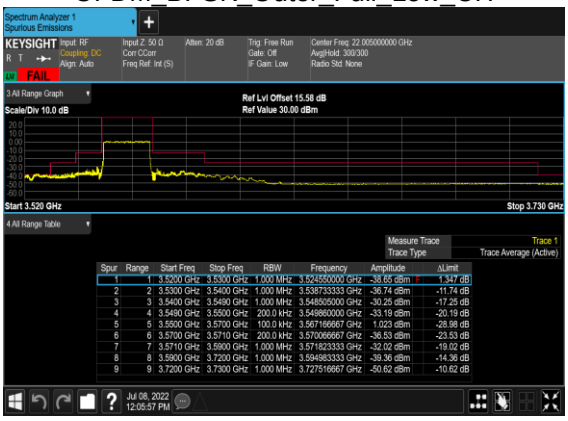
B13_N48(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Low_CH



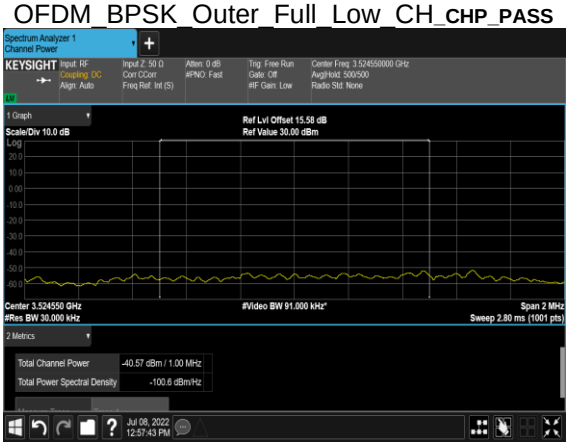
B13_N48(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Low_CH



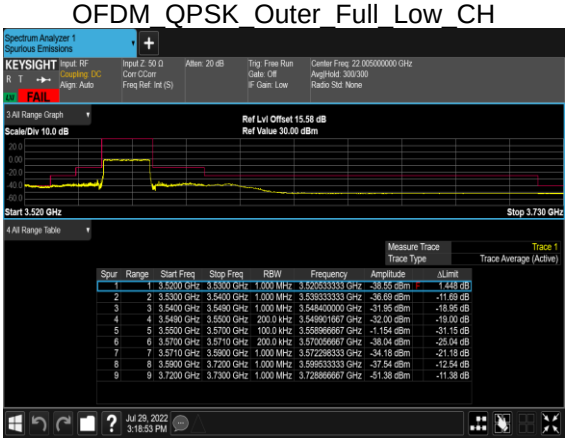
B13_N48(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



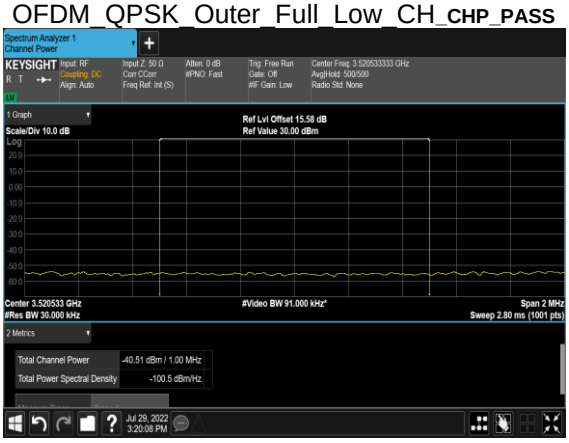
B13_N48(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH_**CHP_PASS**



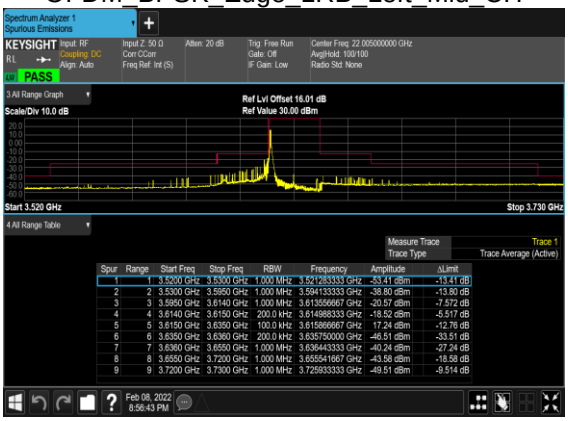
B13_N48(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



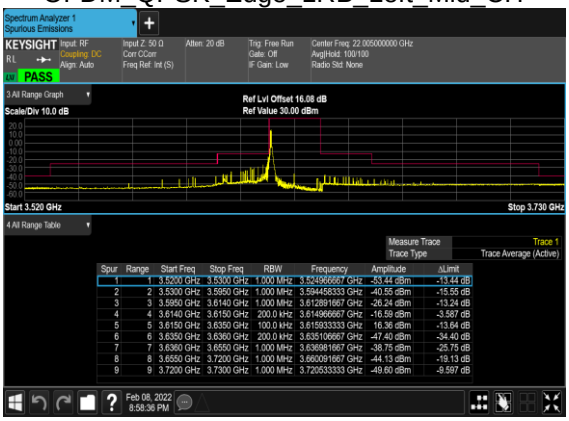
B13_N48(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH_**CHP_PASS**



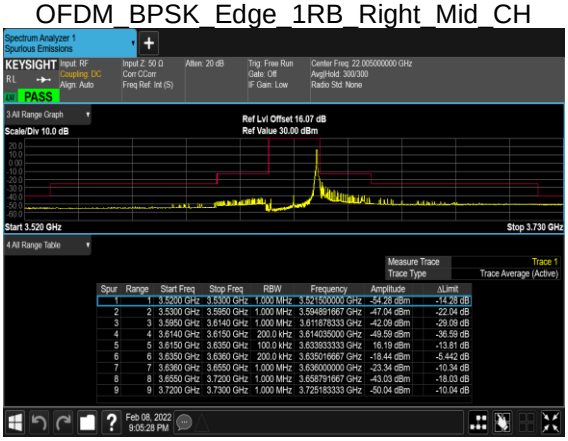
B13_N48(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



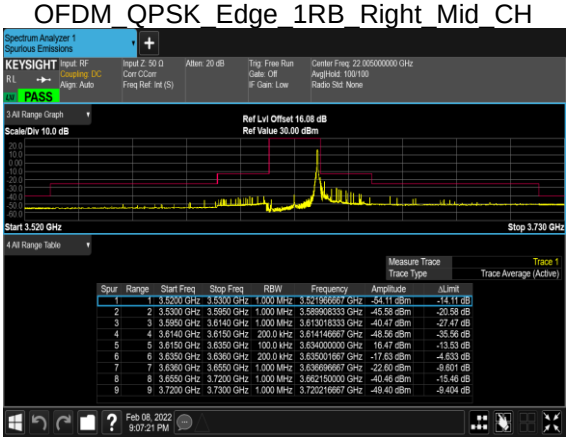
B13_N48(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



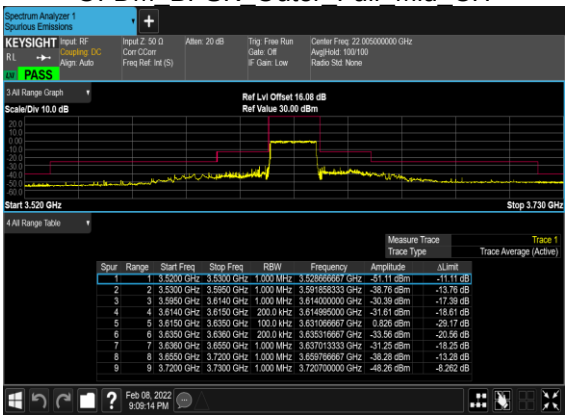
B13_N48(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Mid_CH



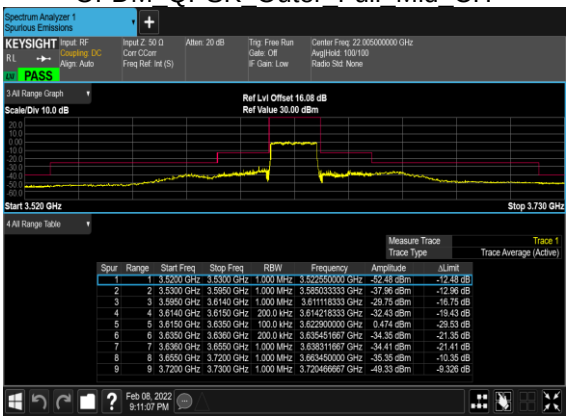
B13_N48(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Mid_CH



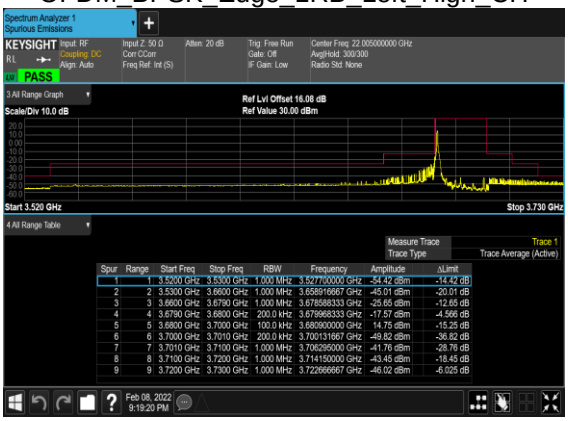
B13_N48(20M)_DFT-s-OFDM_BPSK_Outer_Full_Mid_CH



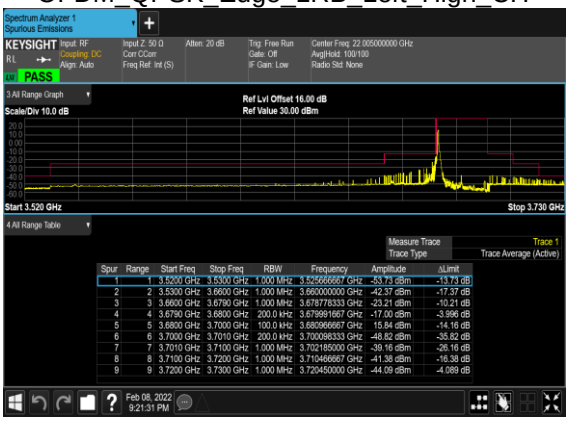
B13_N48(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



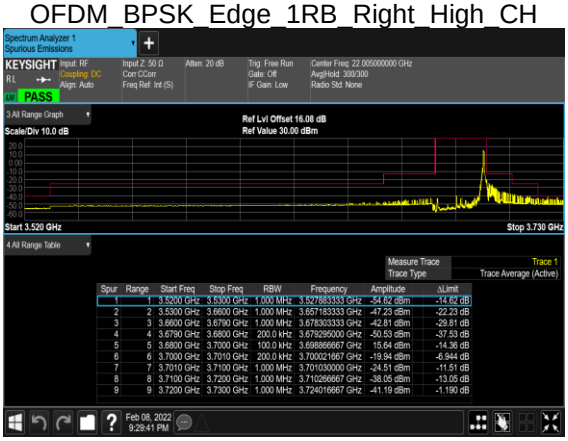
B13_N48(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



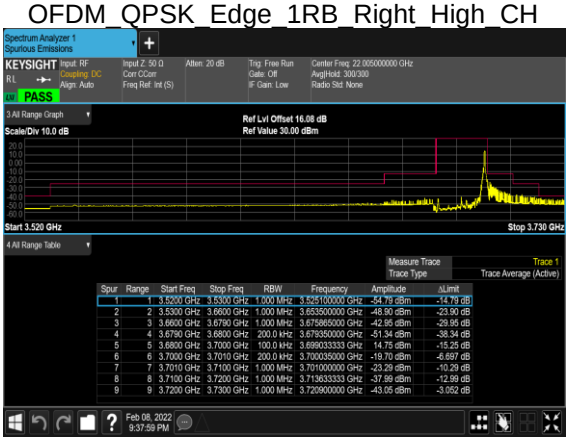
B13_N48(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



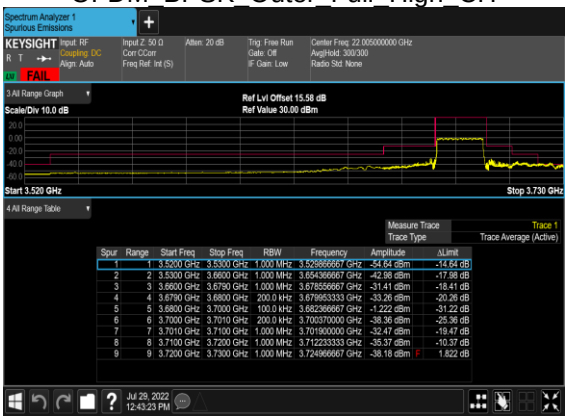
B13_N48(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



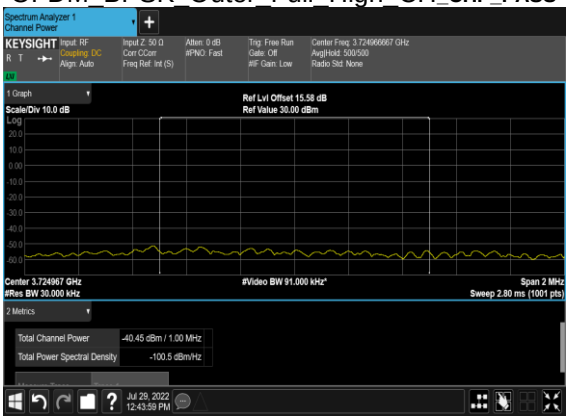
B13_N48(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



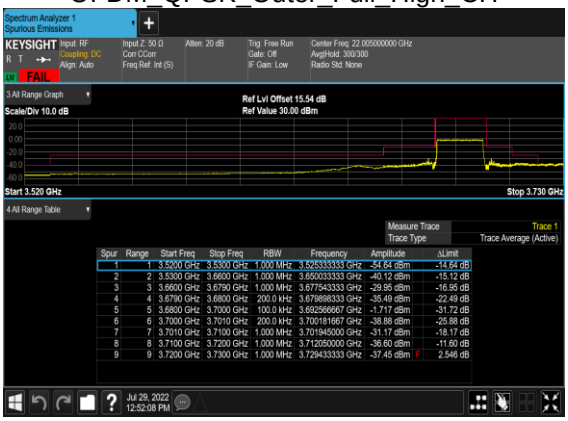
B13_N48(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



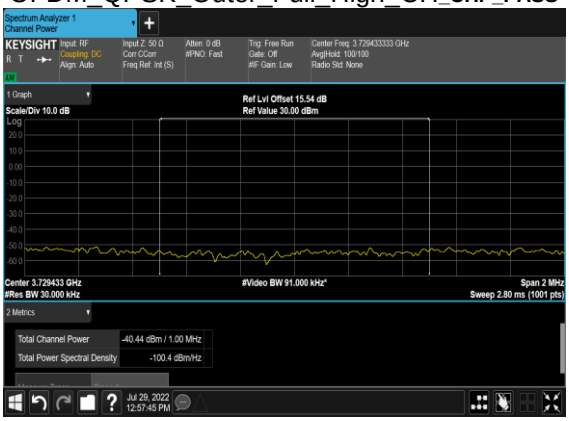
B13_N48(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH_**CHP_PASS**



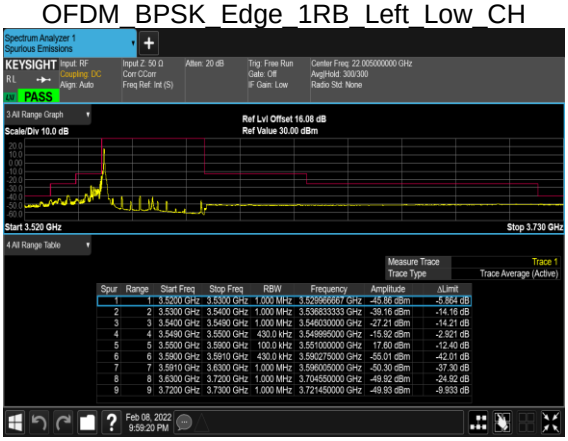
B13_N48(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



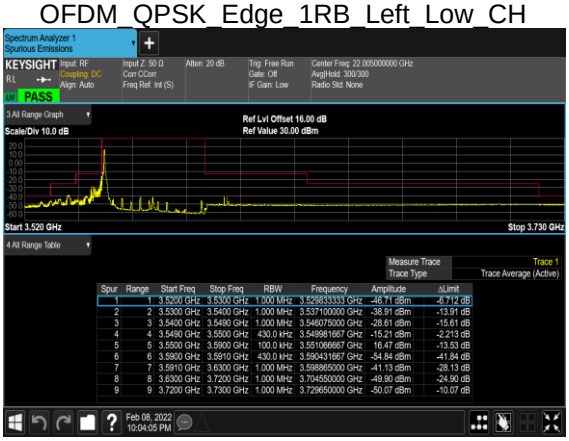
B13_N48(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH_CHP_PASS



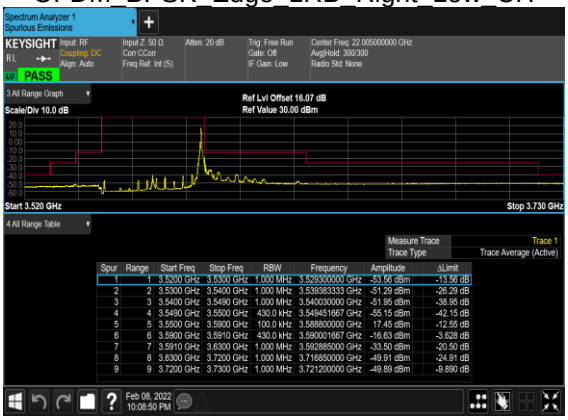
B13_N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



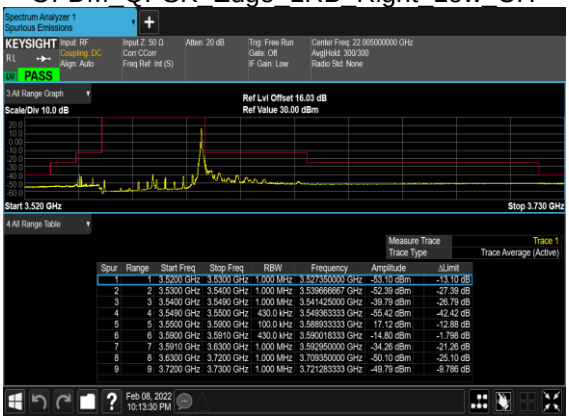
B13_N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



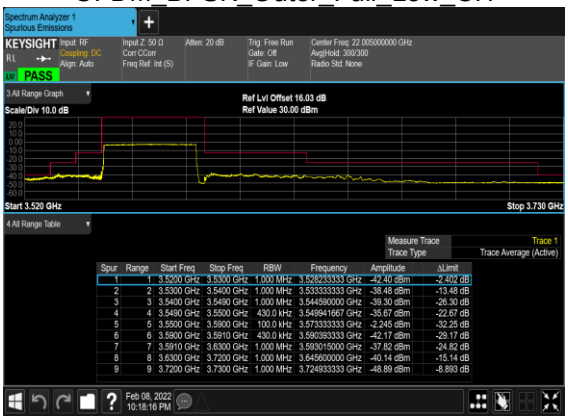
B13_N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Low_CH



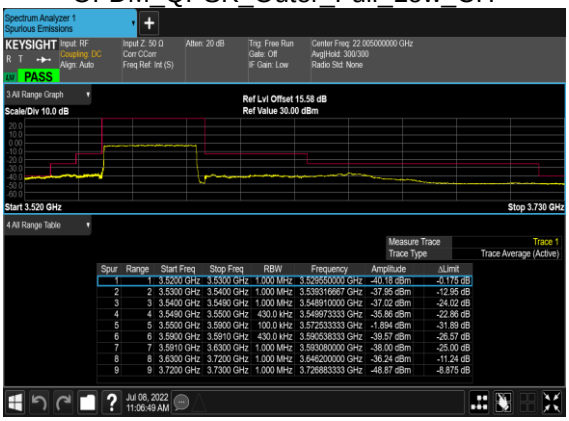
B13_N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Low_CH



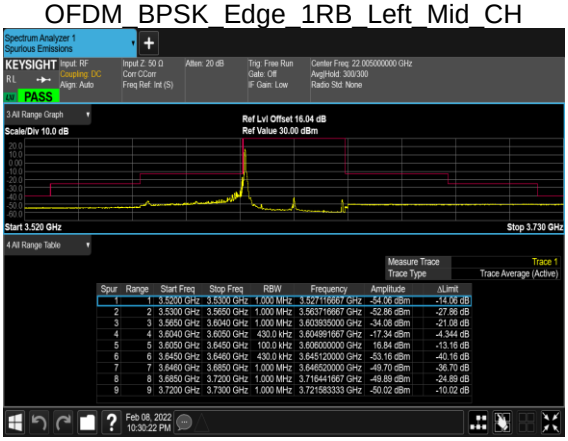
B13_N48(40M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



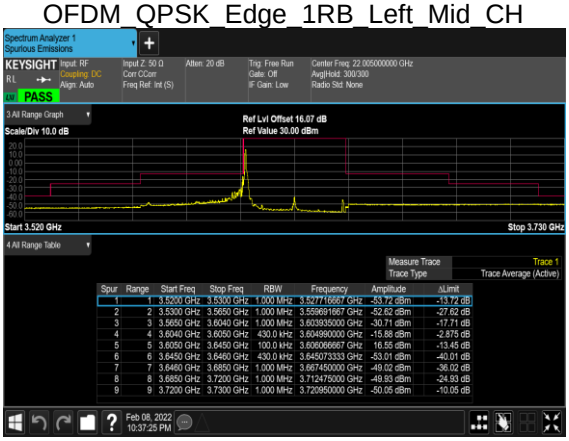
B13_N48(40M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



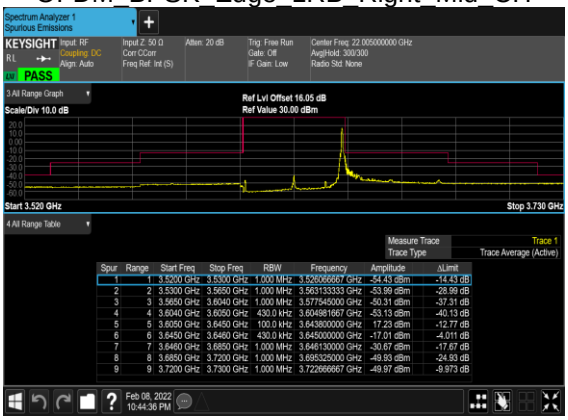
B13_N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



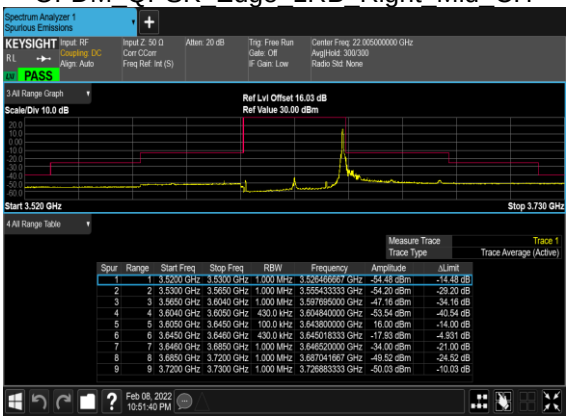
B13_N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



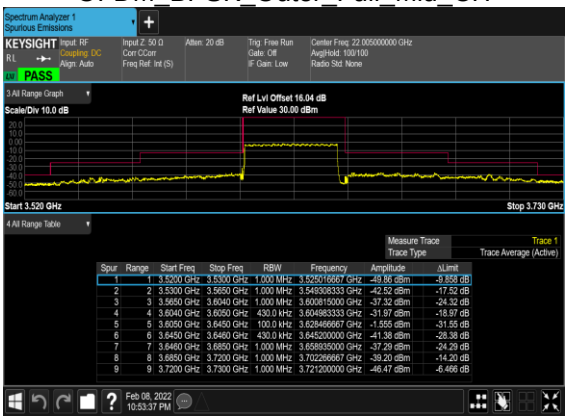
B13_N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Mid_CH



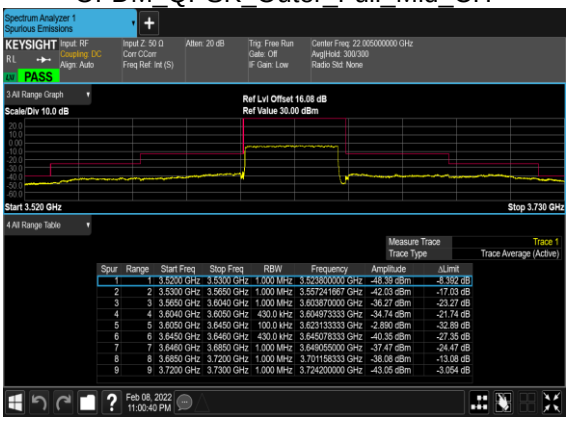
B13_N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Mid_CH



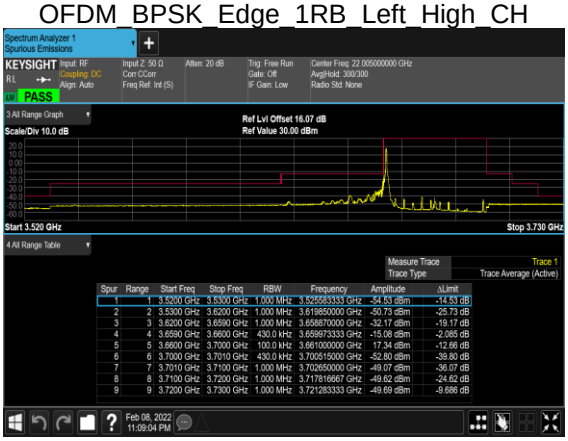
B13_N48(40M)_DFT-s-OFDM_BPSK_Outer_Full_Mid_CH



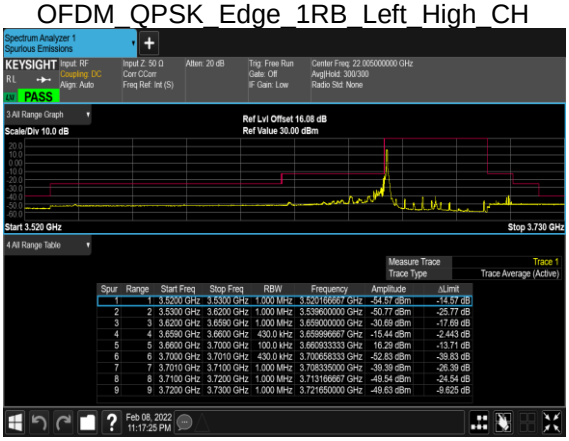
B13_N48(40M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



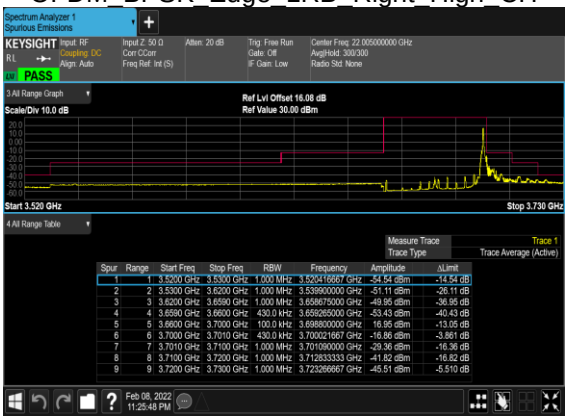
B13_N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



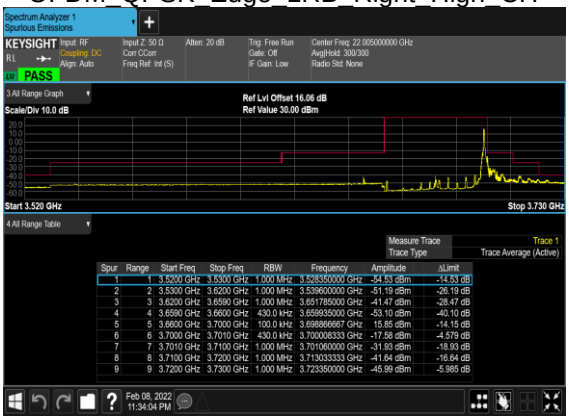
B13_N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



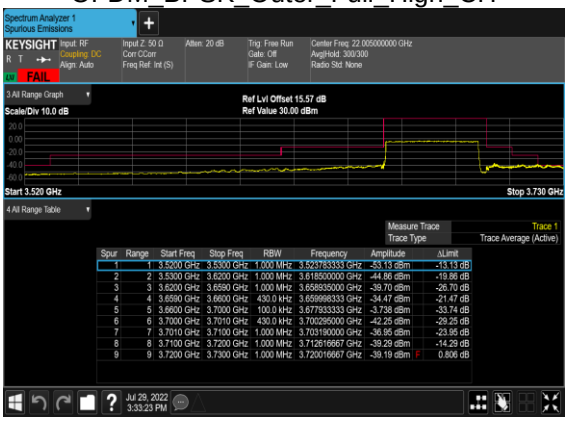
B13_N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



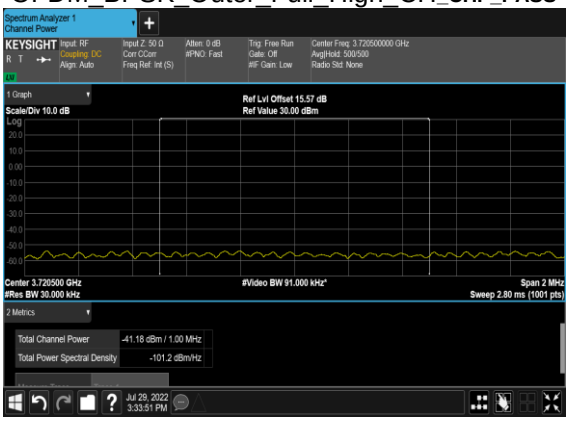
B13_N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



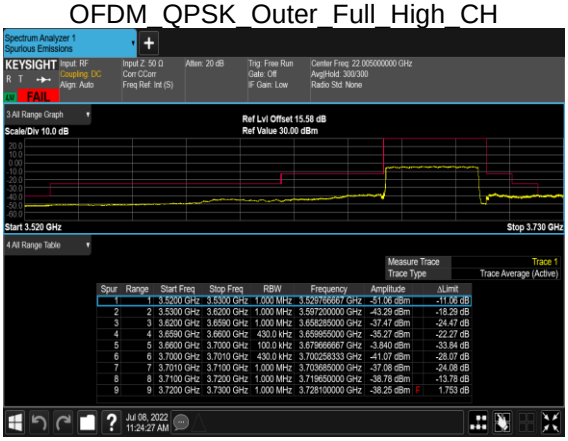
B13_N48(40M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



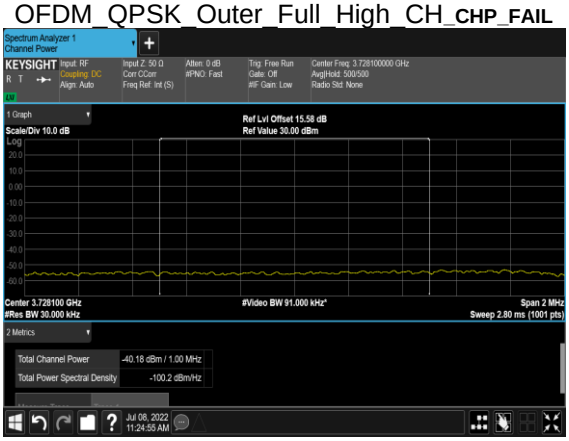
B13_N48(40M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH_**CHP_PASS**



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℃
		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.