



N48(50M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



N48(50M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



N48(50M)_CP-OFDM_QPSK_Edge_1RB_Right_High_CH



N48(50M)_CP-OFDM_QPSK_Edge_1RB_Right_High_CH



N48(50M)_CP-OFDM_QPSK_Outer_Full_High_CH



N48(50M)_CP-OFDM_QPSK_Outer_Full_High_CH





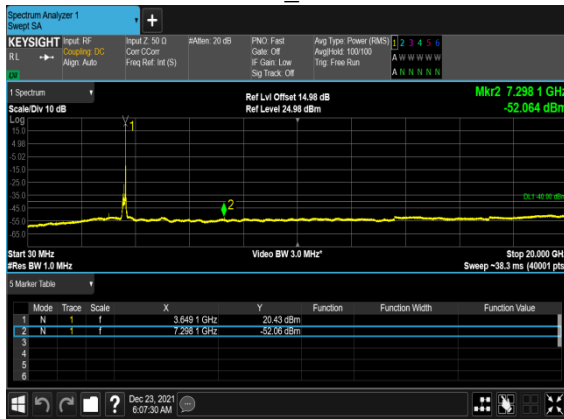
N48(100M)_CP-OFDM_QPSK_Edge_1RB_Left_ Low_CH



N48(100M)_CP-OFDM_QPSK_Edge_1RB_Left_ Low_CH



N48(100M)_CP-OFDM_QPSK_Edge_1RB_Right_ Low_CH



N48(100M)_CP-OFDM_QPSK_Edge_1RB_Right_ Low_CH



N48(100M)_CP-OFDM_QPSK_Outer_Full_Low_CH

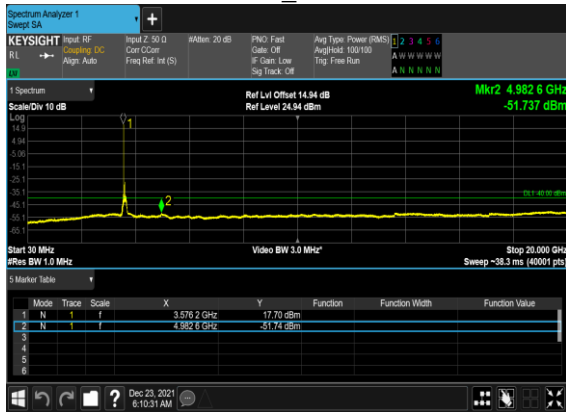


N48(100M)_CP-OFDM_QPSK_Outer_Full_Low_CH





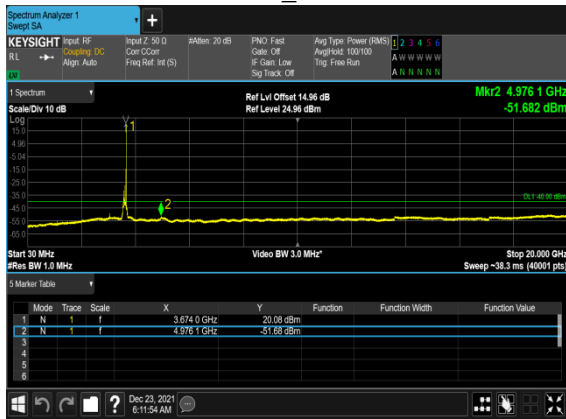
N48(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



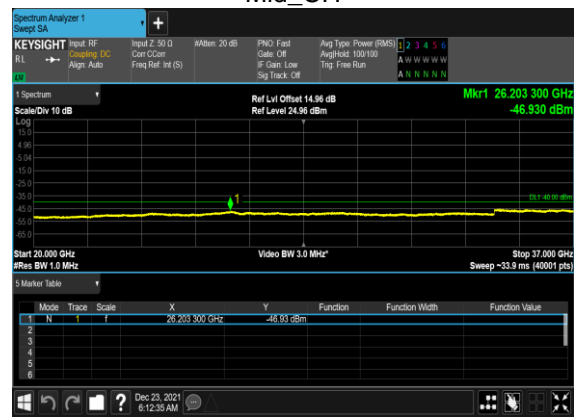
N48(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N48(100M)_CP-OFDM_QPSK_Edge_1RB_Right_Mid_CH



N48(100M)_CP-OFDM_QPSK_Edge_1RB_Right_Mid_CH



N48(100M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N48(100M)_CP-OFDM_QPSK_Outer_Full_Mid_CH





N48(100M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



N48(100M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



N48(100M)_CP-OFDM_QPSK_Edge_1RB_Right_High_CH



N48(100M)_CP-OFDM_QPSK_Edge_1RB_Right_High_CH



N48(100M)_CP-OFDM_QPSK_Outer_Full_High_CH



N48(100M)_CP-OFDM_QPSK_Outer_Full_High_CH



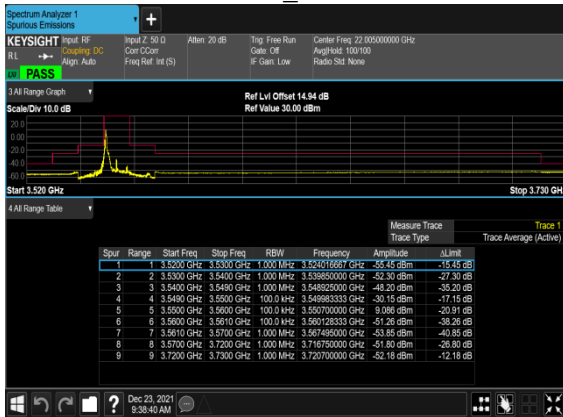


A7.5 Conducted Band Edge

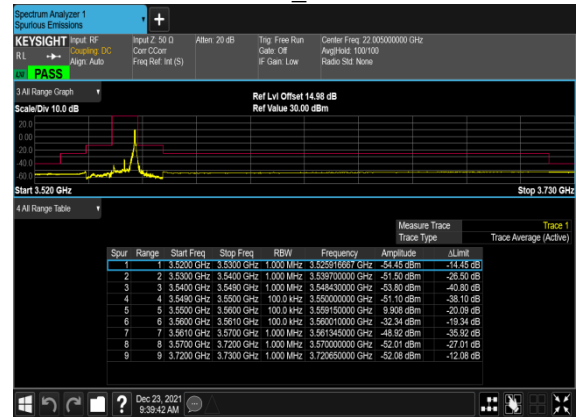
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
48	30	10	637000	3555.0	CP-OFDM QPSK	1@0	see graph	PASS
48	30	10	637000	3555.0	CP-OFDM QPSK	1@23	see graph	PASS
48	30	10	637000	3555.0	CP-OFDM QPSK	24@0	see graph	PASS
48	30	10	641666	3624.99	CP-OFDM QPSK	1@0	see graph	PASS
48	30	10	641666	3624.99	CP-OFDM QPSK	1@23	see graph	PASS
48	30	10	641666	3624.99	CP-OFDM QPSK	24@0	see graph	PASS
48	30	10	646332	3694.98	CP-OFDM QPSK	1@0	see graph	PASS
48	30	10	646332	3694.98	CP-OFDM QPSK	1@23	see graph	PASS
48	30	10	646332	3694.98	CP-OFDM QPSK	24@0	see graph	PASS
48	30	50	638334	3575.01	CP-OFDM QPSK	1@0	see graph	PASS
48	30	50	638334	3575.01	CP-OFDM QPSK	1@132	see graph	PASS
48	30	50	638334	3575.01	CP-OFDM QPSK	133@0	see graph	PASS
48	30	50	641666	3624.99	CP-OFDM QPSK	1@0	see graph	PASS
48	30	50	641666	3624.99	CP-OFDM QPSK	1@132	see graph	PASS
48	30	50	641666	3624.99	CP-OFDM QPSK	133@0	see graph	PASS
48	30	50	645000	3675.0	CP-OFDM QPSK	1@0	see graph	PASS
48	30	50	645000	3675.0	CP-OFDM QPSK	1@132	see graph	PASS
48	30	50	645000	3675.0	CP-OFDM QPSK	133@0	see graph	PASS
48	30	100	640000	3600.0	CP-OFDM QPSK	1@0	see graph	PASS
48	30	100	640000	3600.0	CP-OFDM QPSK	1@272	see graph	PASS
48	30	100	640000	3600.0	CP-OFDM QPSK	273@0	see graph	PASS
48	30	100	641666	3624.99	CP-OFDM QPSK	1@0	see graph	PASS
48	30	100	641666	3624.99	CP-OFDM QPSK	1@272	see graph	PASS
48	30	100	641666	3624.99	CP-OFDM QPSK	273@0	see graph	PASS
48	30	100	643332	3649.98	CP-OFDM QPSK	1@0	see graph	PASS
48	30	100	643332	3649.98	CP-OFDM QPSK	1@272	see graph	PASS
48	30	100	643332	3649.98	CP-OFDM QPSK	273@0	see graph	PASS



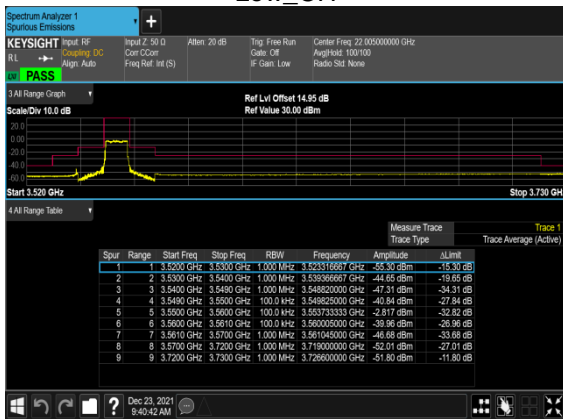
N48(10M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



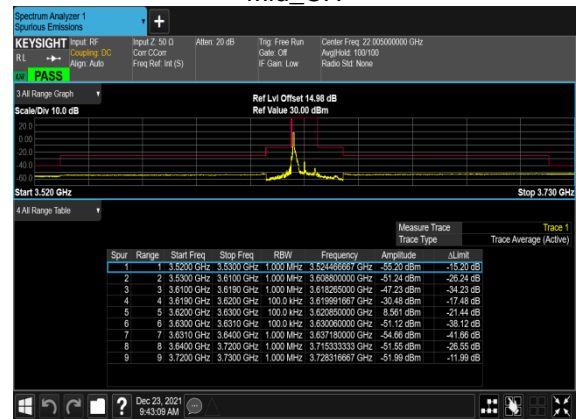
N48(10M)_CP-OFDM_QPSK_Edge_1RB_Right_Low_CH



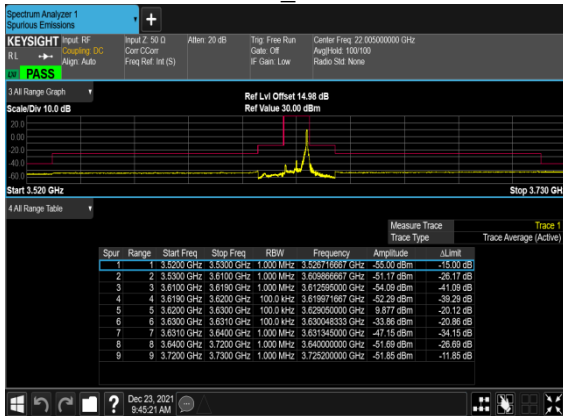
N48(10M)_CP-OFDM_QPSK_Outer_Full_Low_CH



N48(10M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N48(10M)_CP-OFDM_QPSK_Edge_1RB_Right_Mid_CH

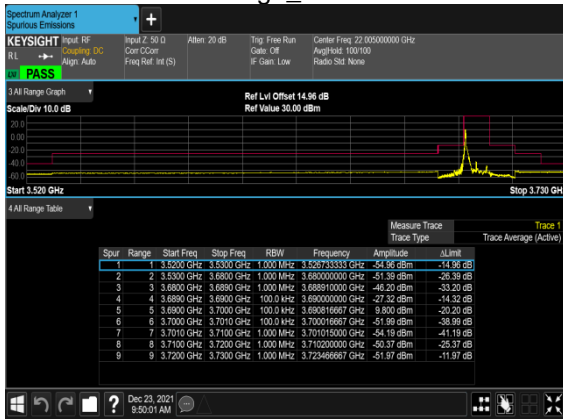


N48(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

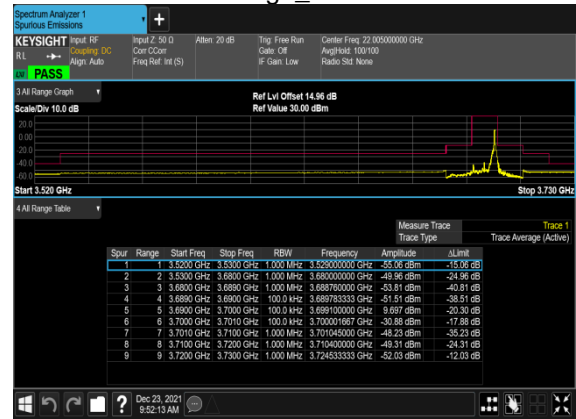




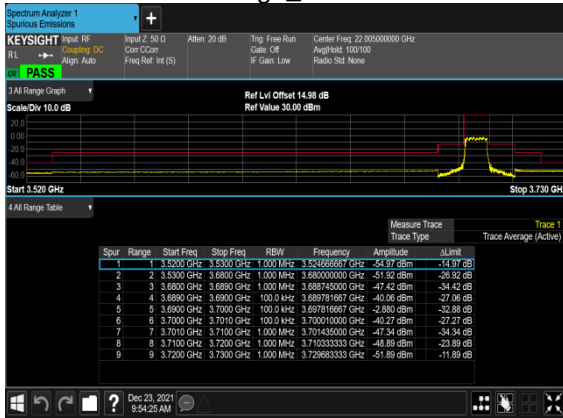
N48(10M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



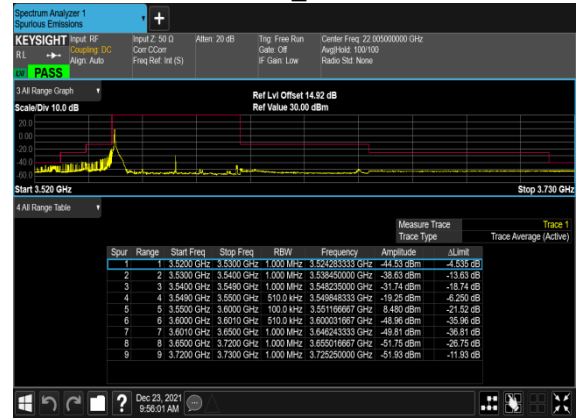
N48(10M)_CP-OFDM_QPSK_Edge_1RB_Right_High_CH



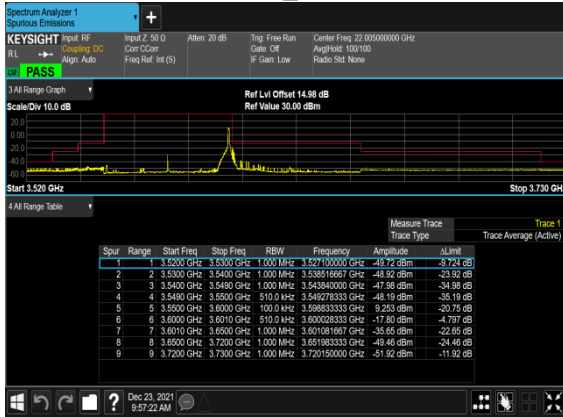
N48(10M)_CP-OFDM_QPSK_Outer_Full_High_CH



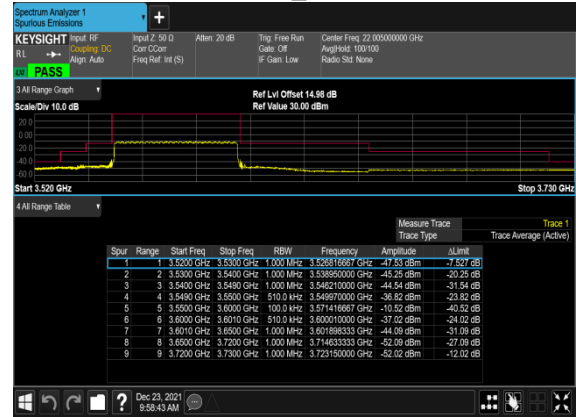
N48(50M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



N48(50M)_CP-OFDM_QPSK_Edge_1RB_Right_Low_CH

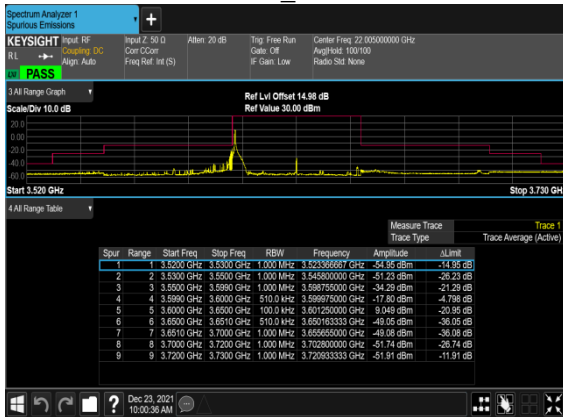


N48(50M)_CP-OFDM_QPSK_Outer_Full_Low_CH

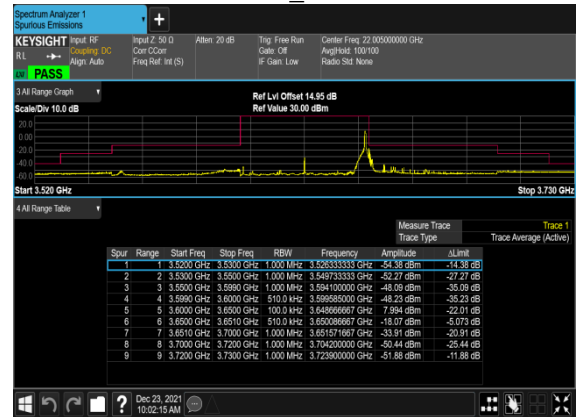




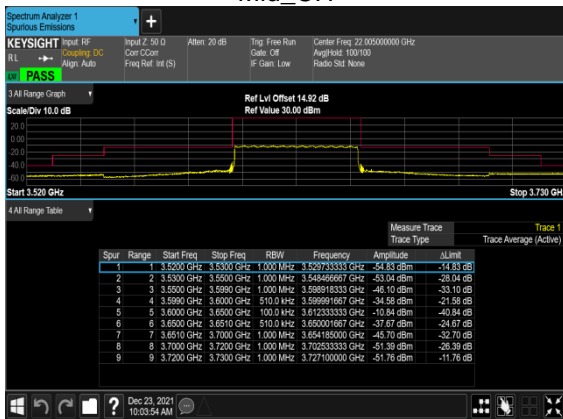
N48(50M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



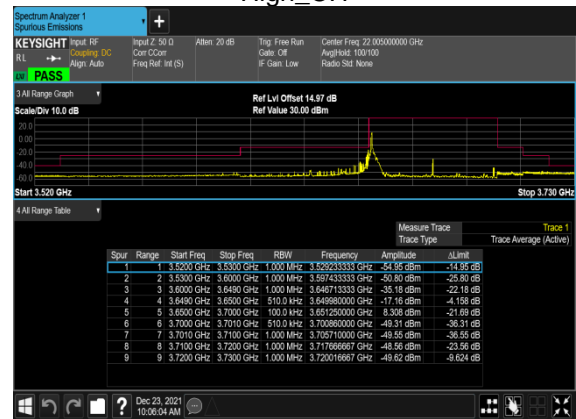
N48(50M)_CP-OFDM_QPSK_Edge_1RB_Right_Mid_CH



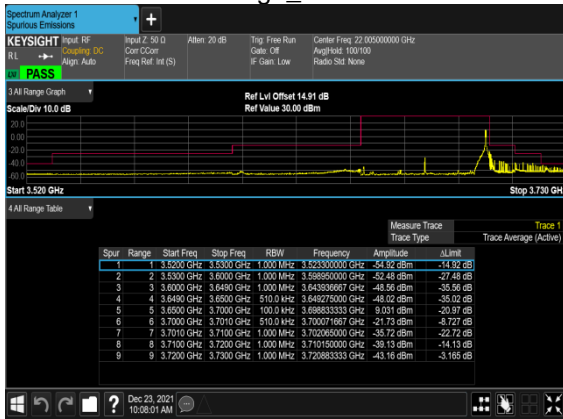
N48(50M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



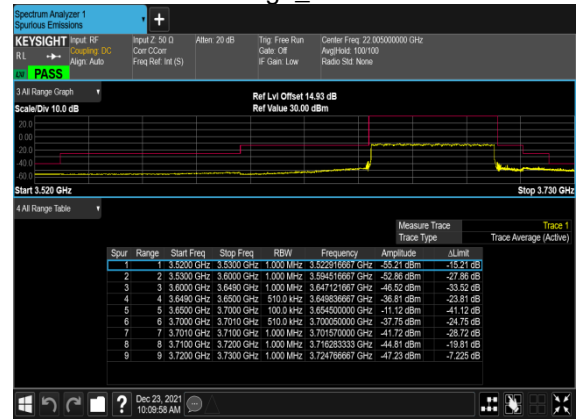
N48(50M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



N48(50M)_CP-OFDM_QPSK_Edge_1RB_Right_High_CH

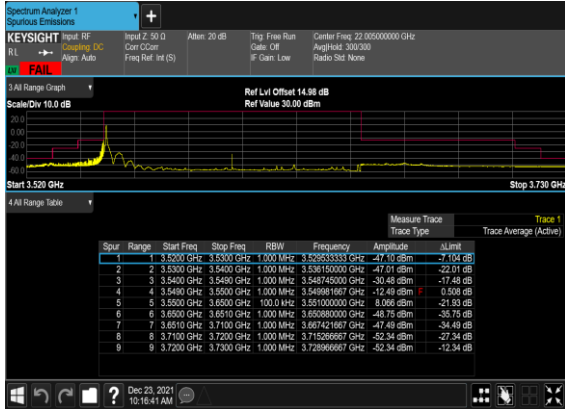


N48(50M)_CP-OFDM_QPSK_Outer_Full_High_CH

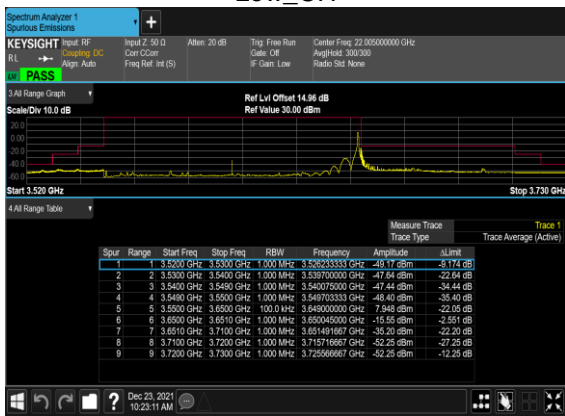




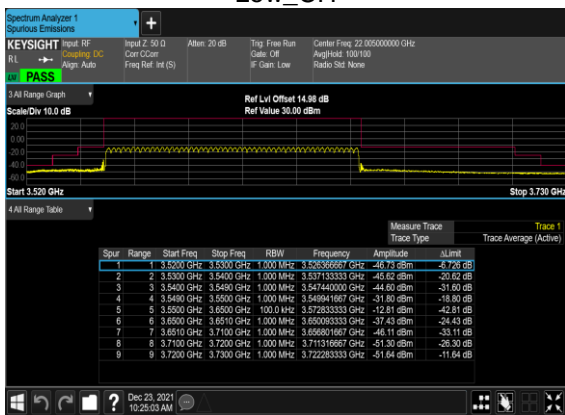
N48(100M)_CP-OFDM_QPSK_Edge_1RB_Left_
Low_CH



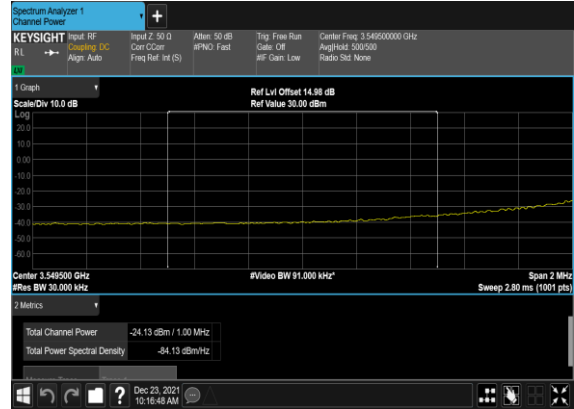
N48(100M)_CP-OFDM_QPSK_Edge_1RB_Right_
Low_CH



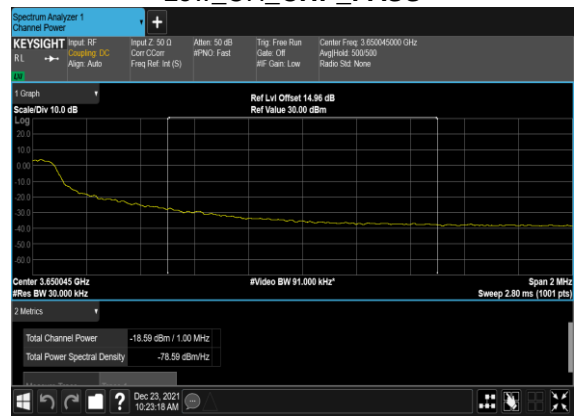
N48(100M)_CP-OFDM_QPSK_Outer_Full_
Low_CH



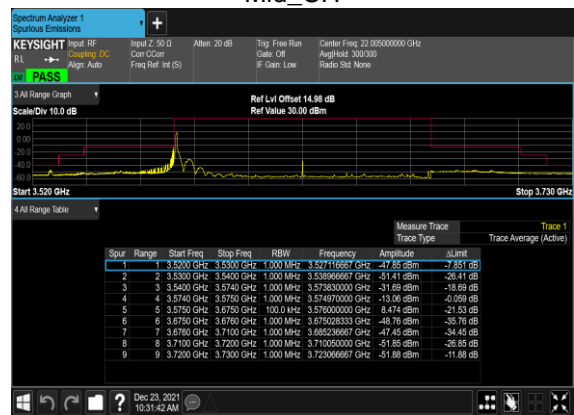
N48(100M)_CP-OFDM_QPSK_Edge_1RB_Left_
Low_CH_CHP_PASS



N48(100M)_CP-OFDM_QPSK_Edge_1RB_Right_
Low_CH_CHP_PASS

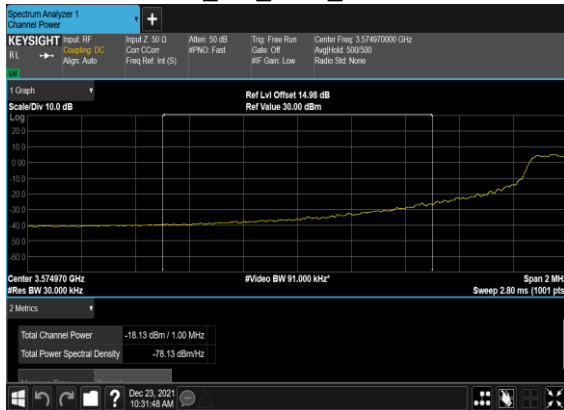


N48(100M)_CP-OFDM_QPSK_Edge_1RB_Left_
Mid_CH





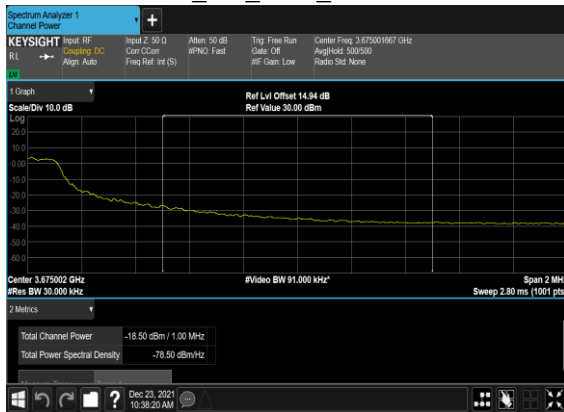
N48(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH_CHP_PASS



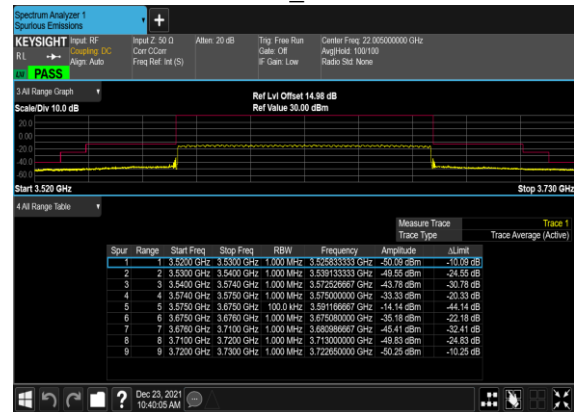
N48(100M)_CP-OFDM_QPSK_Edge_1RB_Right_Mid_CH



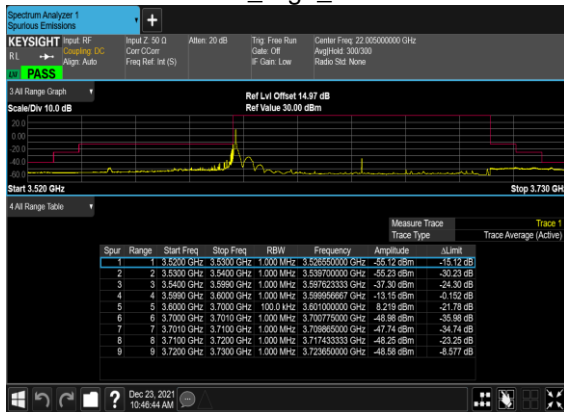
N48(100M)_CP-OFDM_QPSK_Edge_1RB_Right_Mid_CH_CHP_PASS



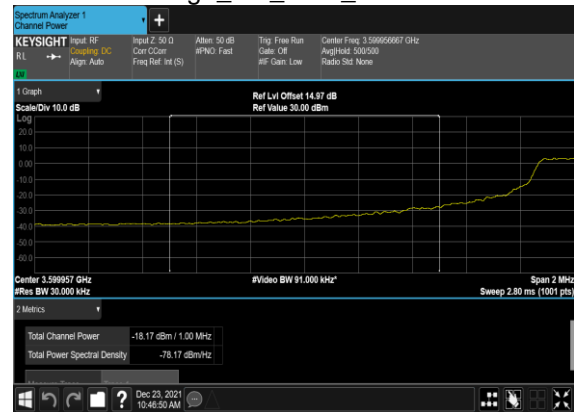
N48(100M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N48(100M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH

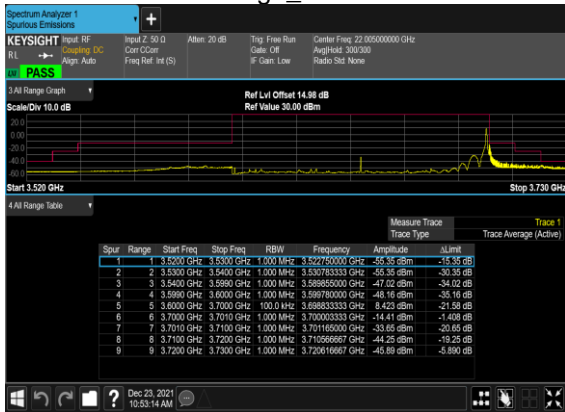


N48(100M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH_CHP_PASS

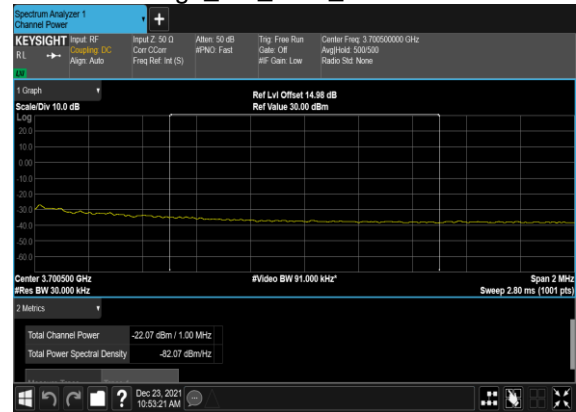




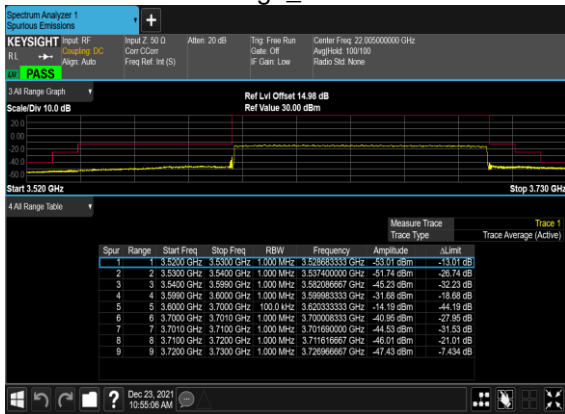
N48(100M)_CP-OFDM_QPSK_Edge_1RB_Right_High_CH



N48(100M)_CP-OFDM_QPSK_Edge_1RB_Right_High_CH_CHP_PASS



N48(100M)_CP-OFDM_QPSK_Outer_Full_High_CH





Appendix B. Test Results of Radiated Test

B1. Radiated Spurious Emission

Test Engineer :	Chris Chen	Temperature :	22~23°C
		Relative Humidity :	41~42%

For Sample 1

SA n48 / NR 100MHz / QPSK / ANT5(NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	7230	-60.05	-40	-20.05	-71.51	2.84	14.30	H
	10848	-61.58	-40	-21.58	-71.52	3.49	13.43	H
	14466	-61.68	-40	-21.68	-71.92	3.85	14.09	H
	7230	-61.93	-40	-21.93	-73.39	2.84	14.30	V
	10848	-61.55	-40	-21.55	-71.49	3.49	13.43	V
	14466	-61.83	-40	-21.83	-72.07	3.85	14.09	V

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

SA n48 UL MIMO / NR 100MHz / QPSK / ANT5+6(NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	7230	-62.43	-40	-22.43	-73.89	2.84	14.30	H
	10848	-61.63	-40	-21.63	-71.57	3.49	13.43	H
	14466	-60.90	-40	-20.90	-71.14	3.85	14.09	H
	7230	-60.69	-40	-20.69	-72.15	2.84	14.30	V
	10848	-61.59	-40	-21.59	-71.53	3.49	13.43	V
	14466	-61.22	-40	-21.22	-71.46	3.85	14.09	V

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



For Sample 2

SA n48 / NR 100MHz / QPSK / ANT5(NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	7236	-59.38	-40	-19.38	-70.84	2.84	14.30	H
	10848	-60.15	-40	-20.15	-70.09	3.49	13.43	H
	14460	-58.79	-40	-18.79	-69.03	3.85	14.09	H
	7236	-57.33	-40	-17.33	-68.79	2.84	14.30	V
	10848	-59.92	-40	-19.92	-69.86	3.49	13.43	V
	14460	-58.81	-40	-18.81	-69.05	3.85	14.09	V

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