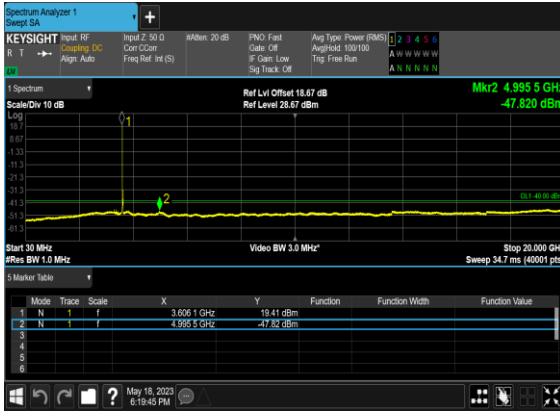
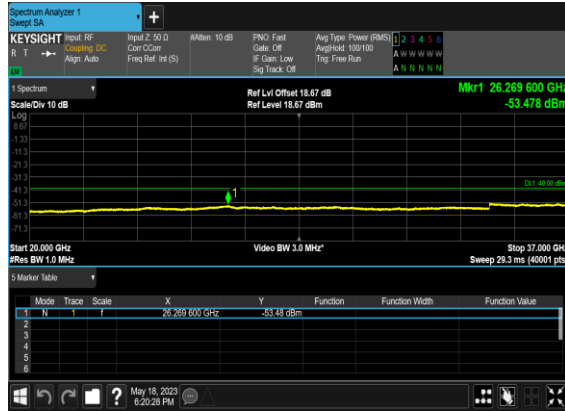


N48(40M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



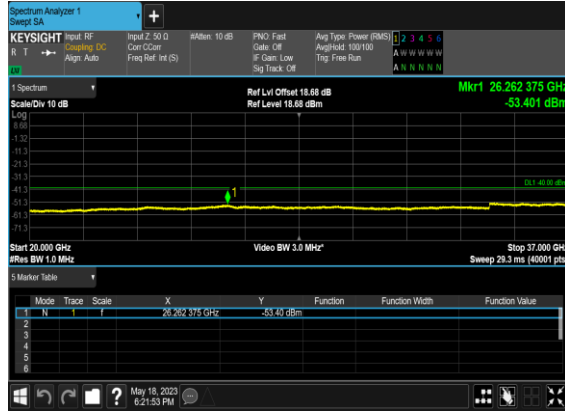
N48(40M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



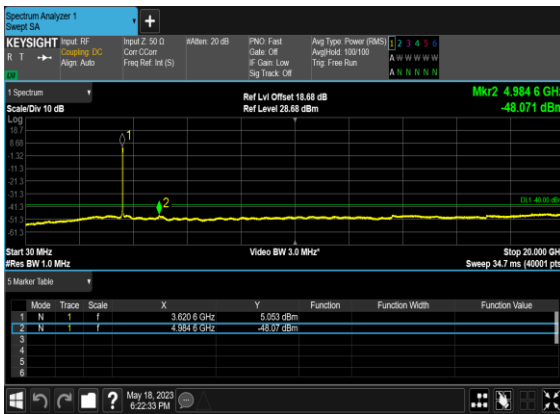
N48(40M)_CP- OFDM_QPSK_Edge_1RB_Right_Mid_CH



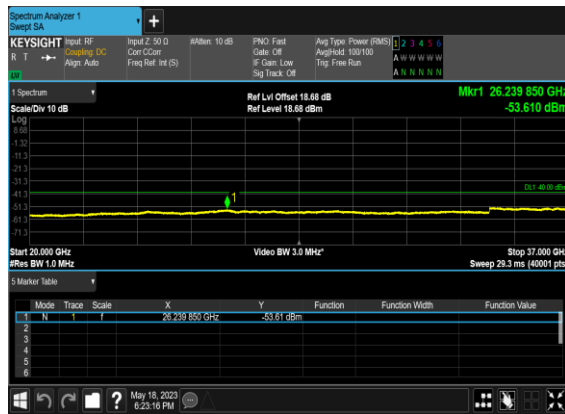
N48(40M)_CP- OFDM_QPSK_Edge_1RB_Right_Mid_CH



N48(40M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



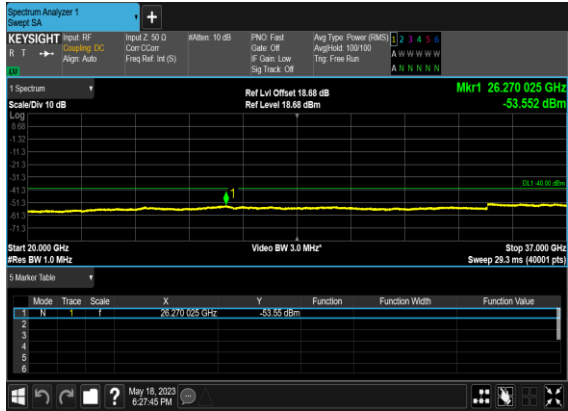
N48(40M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



N48(40M)_CP- OFDM_QPSK_Edge_1RB_Left_High_CH



N48(40M)_CP- OFDM_QPSK_Edge_1RB_Left_High_CH



N48(40M)_CP- OFDM_QPSK_Edge_1RB_Right_High_C H



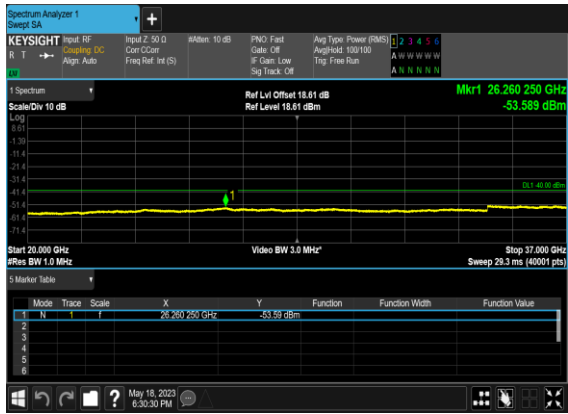
N48(40M)_CP- OFDM_QPSK_Edge_1RB_Right_High_C H



N48(40M)_CP- OFDM_QPSK_Outer_Full_High_CH



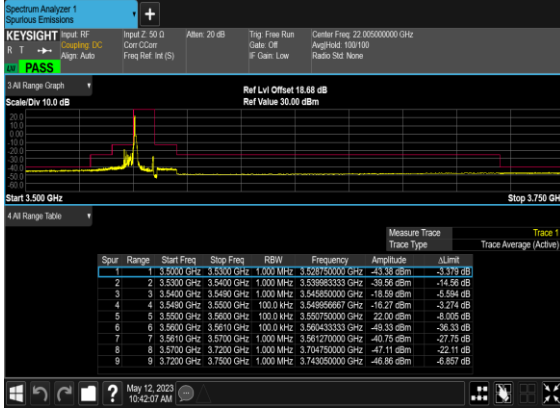
N48(40M)_CP- OFDM_QPSK_Outer_Full_High_CH



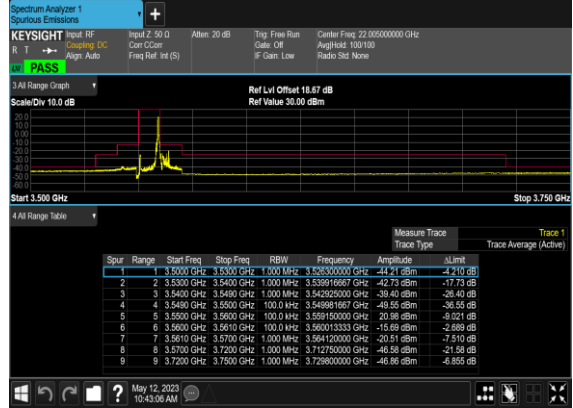
Conducted Band Edge

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	20	637334	3560.01	CP-OFDM QPSK	1@0	see graph	PASS
48	30	20	637334	3560.01	CP-OFDM QPSK	1@50	see graph	PASS
48	30	20	637334	3560.01	CP-OFDM QPSK	51@0	see graph	PASS
48	30	20	641666	3624.99	CP-OFDM QPSK	1@0	see graph	PASS
48	30	20	641666	3624.99	CP-OFDM QPSK	1@50	see graph	PASS
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	see graph	PASS
48	30	20	646000	3690.0	CP-OFDM QPSK	1@0	see graph	PASS
48	30	20	646000	3690.0	CP-OFDM QPSK	1@50	see graph	PASS
48	30	20	646000	3690.0	CP-OFDM QPSK	51@0	see graph	PASS
48	30	40	638000	3570.0	CP-OFDM QPSK	1@0	see graph	PASS
48	30	40	638000	3570.0	CP-OFDM QPSK	1@105	see graph	PASS
48	30	40	638000	3570.0	CP-OFDM QPSK	106@0	see graph	PASS
48	30	40	641666	3624.99	CP-OFDM QPSK	1@0	see graph	PASS
48	30	40	641666	3624.99	CP-OFDM QPSK	1@105	see graph	PASS
48	30	40	641666	3624.99	CP-OFDM QPSK	106@0	see graph	PASS
48	30	40	645332	3679.98	CP-OFDM QPSK	1@0	see graph	PASS
48	30	40	645332	3679.98	CP-OFDM QPSK	1@105	see graph	PASS
48	30	40	645332	3679.98	CP-OFDM QPSK	106@0	see graph	PASS

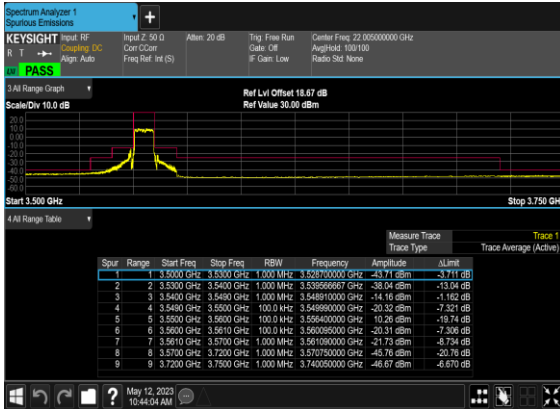
N48(10M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



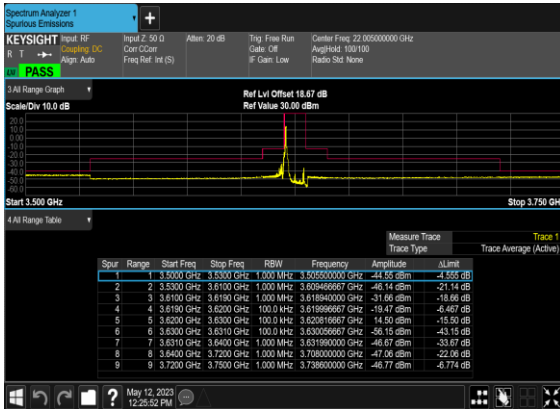
N48(10M)_CP- OFDM_QPSK_Edge_1RB_Right_Low_CH



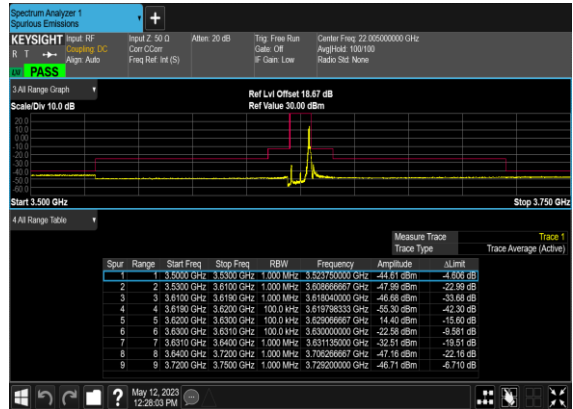
N48(10M)_CP- OFDM_QPSK_Outer_Full_Low_CH



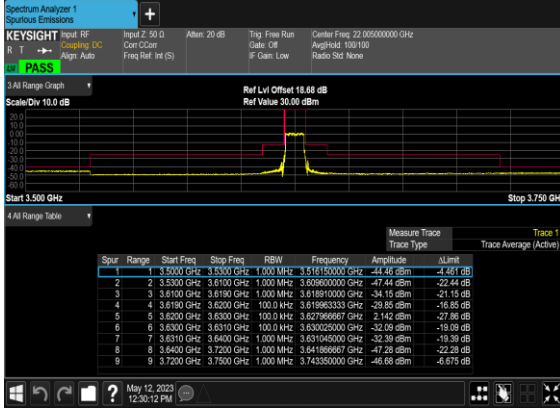
N48(10M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



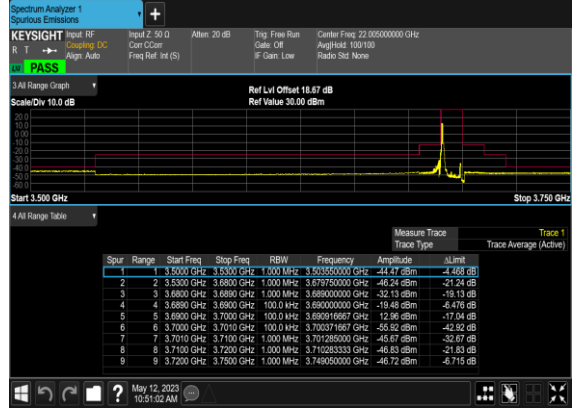
N48(10M)_CP- OFDM_QPSK_Edge_1RB_Right_Mid_CH



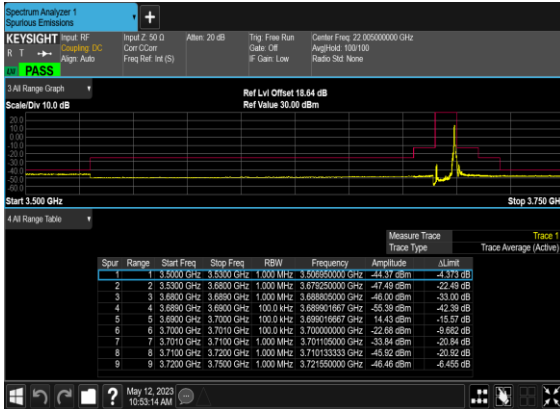
N48(10M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



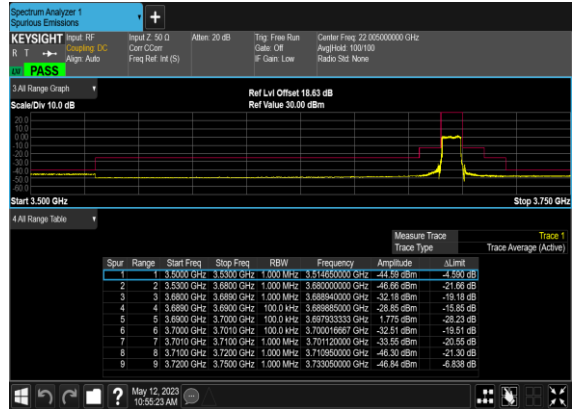
N48(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



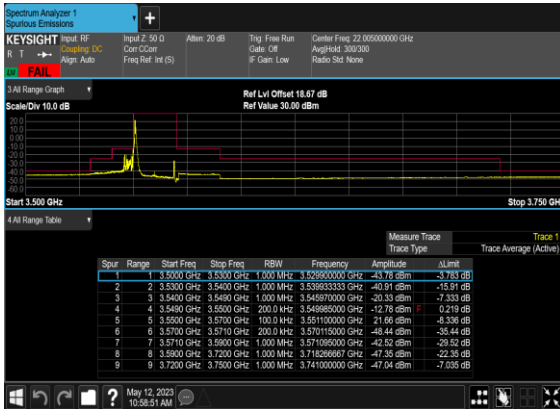
N48(10M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH



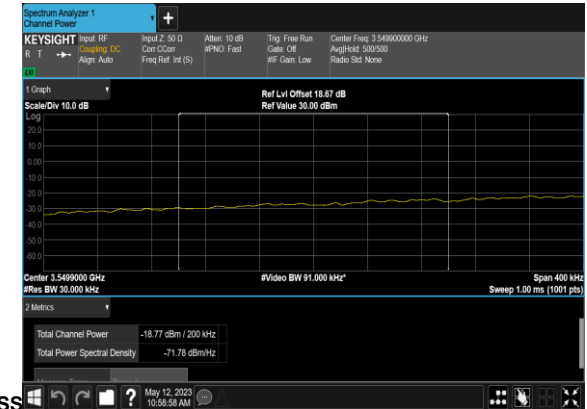
N48(10M)_CP-
OFDM_QPSK_Outer_Full_High_CH



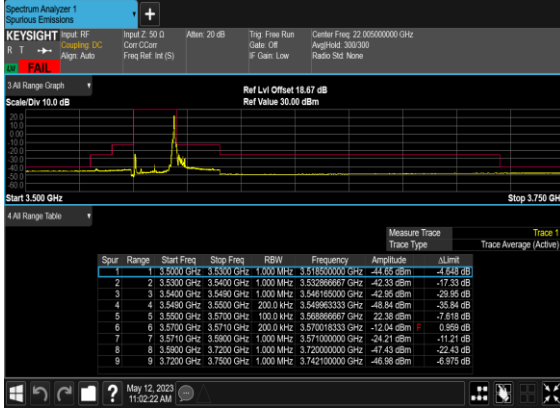
N48(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



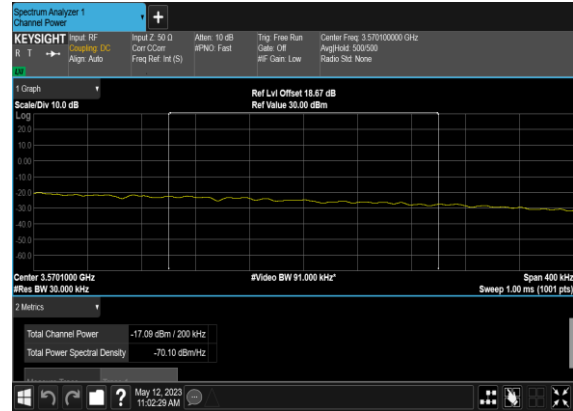
N48(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP_PA



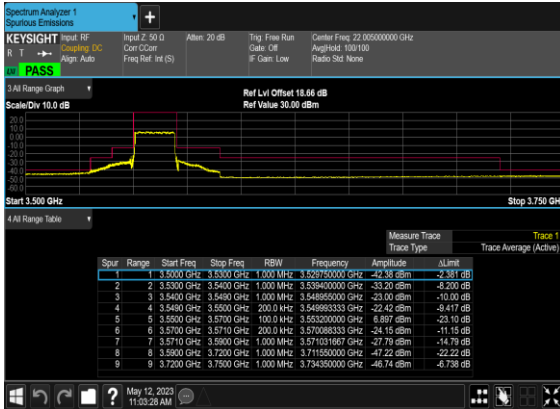
N48(20M)_CP- OFDM_QPSK_Edge_1RB_Right_Low_CH



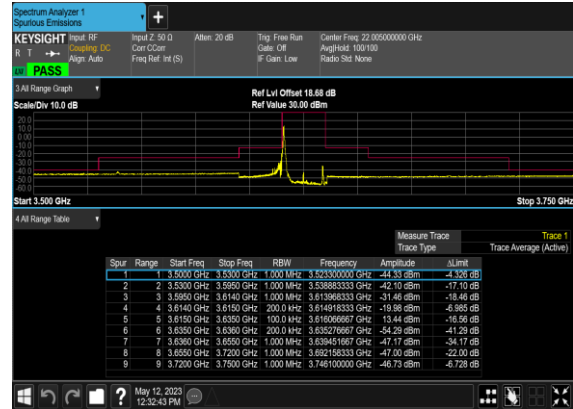
N48(20M)_CP- OFDM_QPSK_Edge_1RB_Right_Low_CH_CHP_P ASS



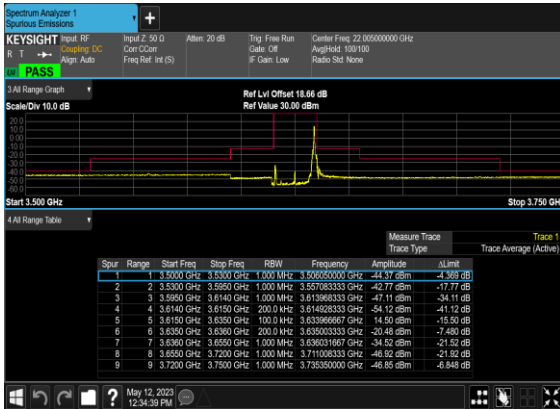
N48(20M)_CP- OFDM_QPSK_Outer_Full_Low_CH



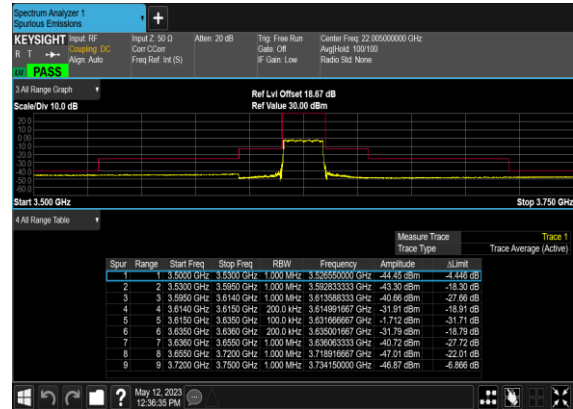
N48(20M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



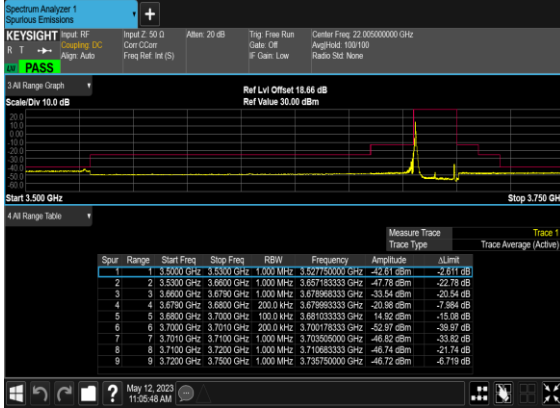
N48(20M)_CP- OFDM_QPSK_Edge_1RB_Right_Mid_CH



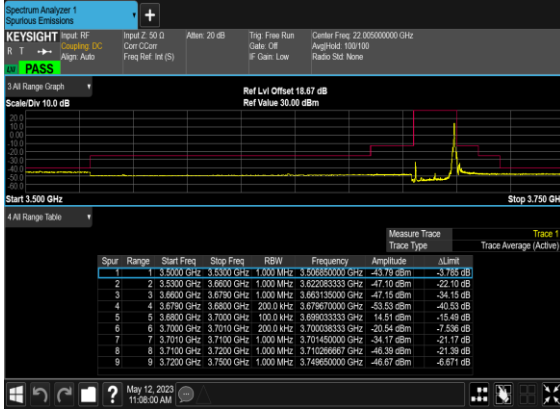
N48(20M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



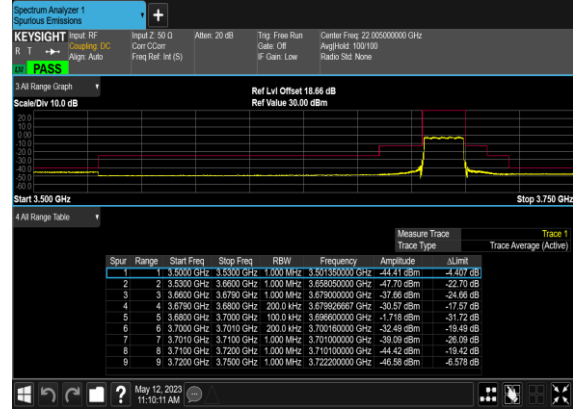
N48(20M)_CP- OFDM_QPSK_Edge_1RB_Left_High_CH



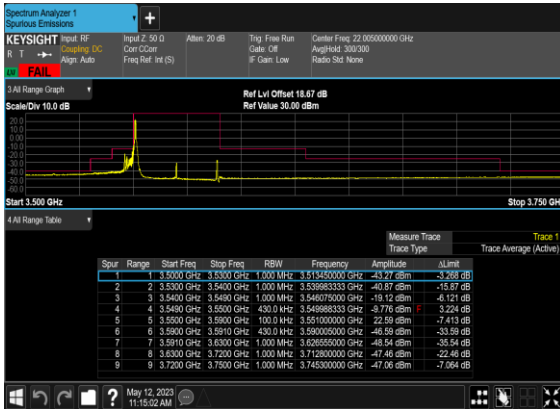
N48(20M)_CP- OFDM_QPSK_Edge_1RB_Right_High_CH



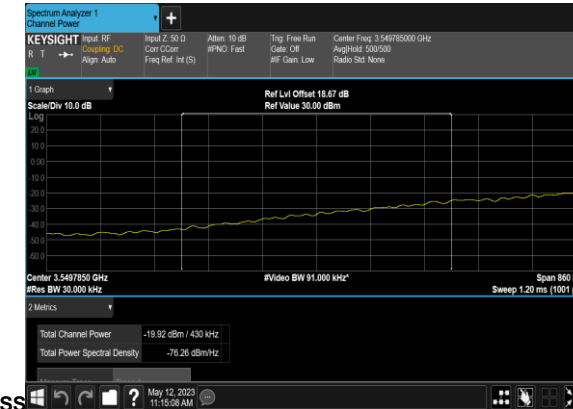
N48(20M)_CP- OFDM_QPSK_Outer_Full_High_CH



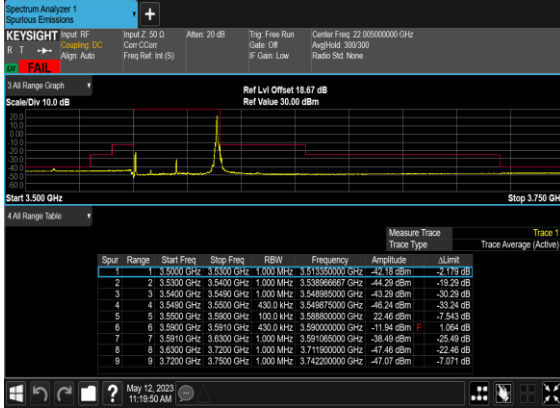
N48(40M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



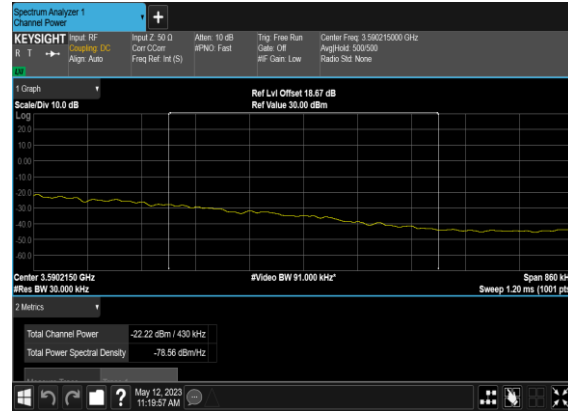
N48(40M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP_PA



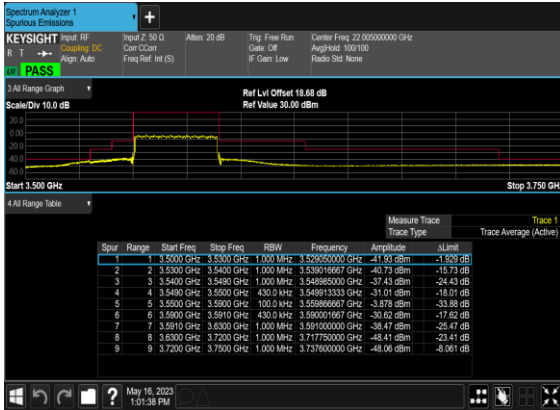
N48(40M)_CP- OFDM_QPSK_Edge_1RB_Right_Low_CH



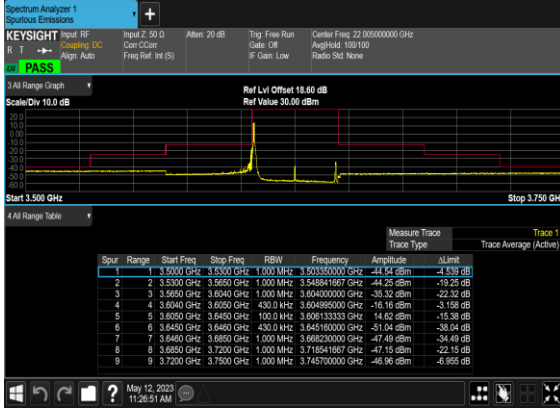
N48(40M)_CP- OFDM_QPSK_Edge_1RB_Right_Low_CH_CHP_P ASS



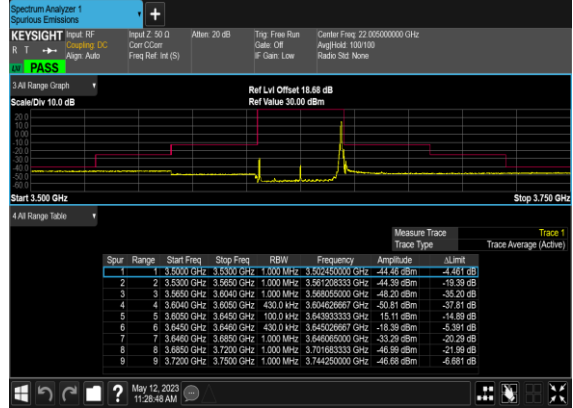
N48(40M)_CP- OFDM_QPSK_Outer_Full_Low_CH



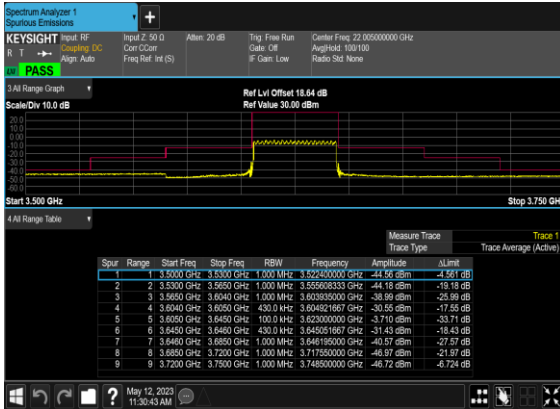
N48(40M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



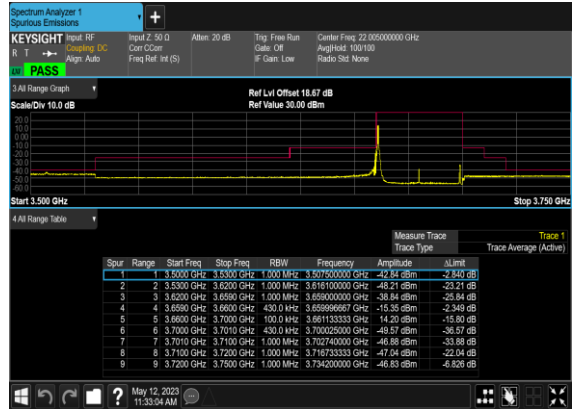
N48(40M)_CP- OFDM_QPSK_Edge_1RB_Right_Mid_CH



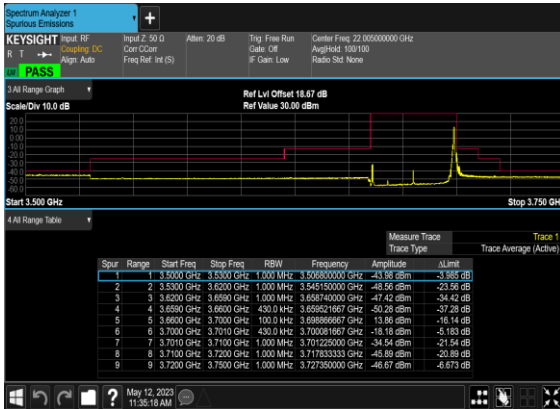
N48(40M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



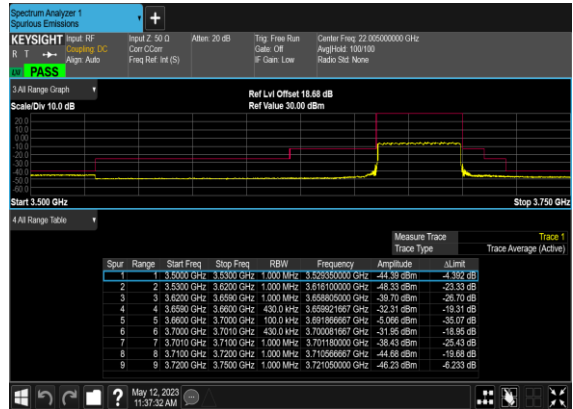
N48(40M)_CP- OFDM_QPSK_Edge_1RB_Left_High_CH



N48(40M)_CP- OFDM_QPSK_Edge_1RB_Right_High_CH



N48(40M)_CP- OFDM_QPSK_Outer_Full_High_CH





Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Note: Pre-scanned harmonic for the different antennas, we choose the worst antenna mode to test.

SA n48 / NR 40MHz / QPSK / ANT1(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)
Lowest	7162	-63.71	-40	-23.71	-75.17	2.84	14.30	H
	10740	-63.06	-40	-23.06	-73.00	3.49	13.43	H
	14330	-62.39	-40	-22.39	-72.63	3.85	14.09	H
	7162	-64.10	-40	-24.10	-75.56	2.84	14.30	V
	10740	-61.23	-40	-21.23	-71.17	3.49	13.43	V
	14330	-62.28	-40	-22.28	-72.52	3.85	14.09	V
Middle	7212	-63.63	-40	-23.63	-75.09	2.84	14.30	H
	10824	-61.92	-40	-21.92	-71.86	3.49	13.43	H
	14430	-62.77	-40	-22.77	-73.01	3.85	14.09	H
	7212	-63.57	-40	-23.57	-75.03	2.84	14.30	V
	10824	-62.12	-40	-22.12	-72.06	3.49	13.43	V
	14430	-62.58	-40	-22.58	-72.82	3.85	14.09	V
Highest	7264	-64.25	-40	-24.25	-75.71	2.84	14.30	H
	10896	-61.77	-40	-21.77	-71.71	3.49	13.43	H
	14528	-62.43	-40	-22.43	-72.67	3.85	14.09	H
	7264	-64.16	-40	-24.16	-75.62	2.84	14.30	V
	10896	-61.74	-40	-21.74	-71.68	3.49	13.43	V
	14528	-62.98	-40	-22.98	-73.22	3.85	14.09	V

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



SA n48UL MIMO / NR 40MHz(ANT3+2) / QPSK								
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)
Lowest	7164	-62.26	-40	-22.26	-73.72	2.84	14.30	H
	10746	-62.39	-40	-22.39	-72.33	3.49	13.43	H
	14328	-62.74	-40	-22.74	-72.98	3.85	14.09	H
	7164	-63.42	-40	-23.42	-74.88	2.84	14.30	V
	10746	-62.29	-40	-22.29	-72.23	3.49	13.43	V
	14328	-62.83	-40	-22.83	-73.07	3.85	14.09	V
Middle	7214	-62.75	-40	-22.75	-74.21	2.84	14.30	H
	10821	-62.18	-40	-22.18	-72.12	3.49	13.43	H
	14428	-62.03	-40	-22.03	-72.27	3.85	14.09	H
	7214	-62.63	-40	-22.63	-74.09	2.84	14.30	V
	10821	-62.98	-40	-22.98	-72.92	3.49	13.43	V
	14428	-61.59	-40	-21.59	-71.83	3.85	14.09	V
Highest	7264	-63.62	-40	-23.62	-75.08	2.84	14.30	H
	10896	-62.56	-40	-22.56	-72.50	3.49	13.43	H
	14528	-61.33	-40	-21.33	-71.57	3.85	14.09	H
	7264	-63.45	-40	-23.45	-74.91	2.84	14.30	V
	10896	-62.09	-40	-22.09	-72.03	3.49	13.43	V
	14528	-61.73	-40	-21.73	-71.97	3.85	14.09	V

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