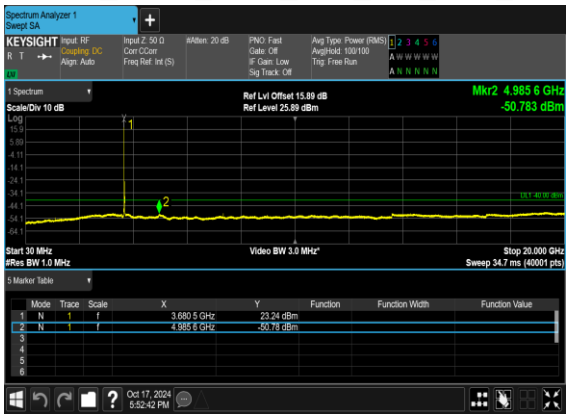
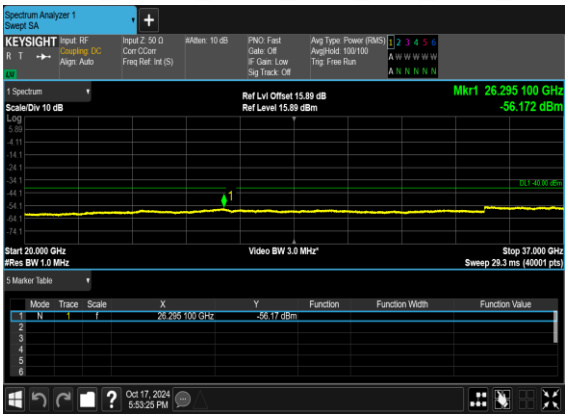
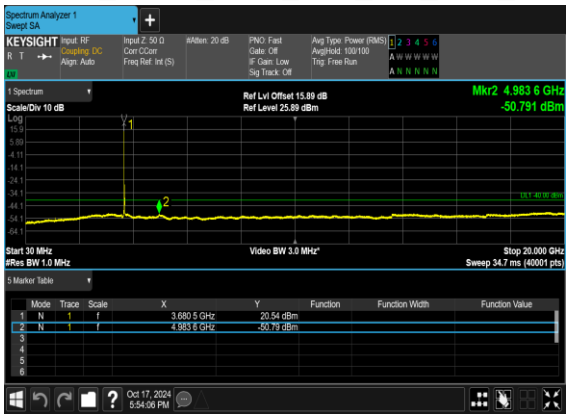
N48(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



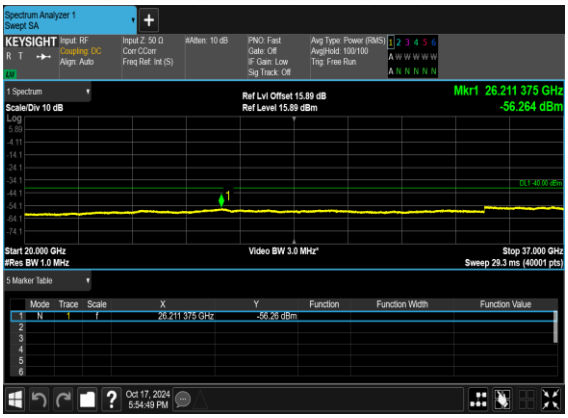
N48(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



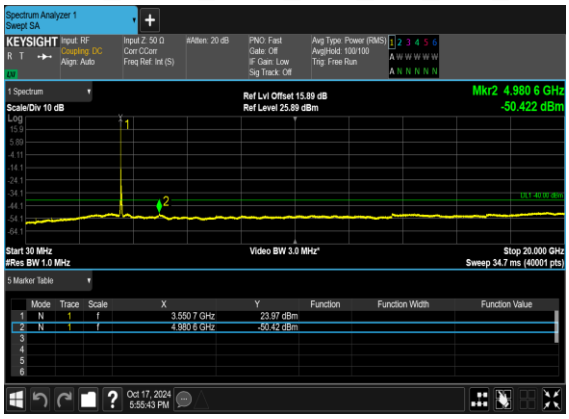
N48(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



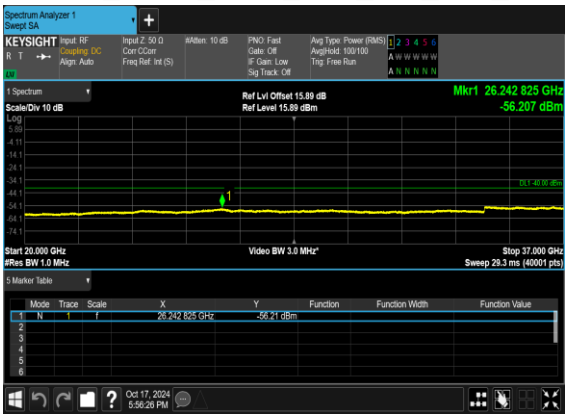
N48(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



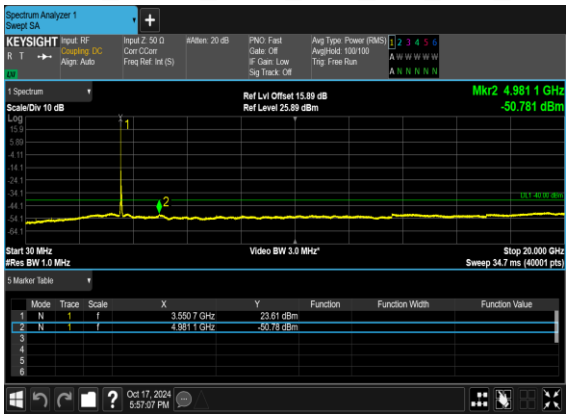
N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



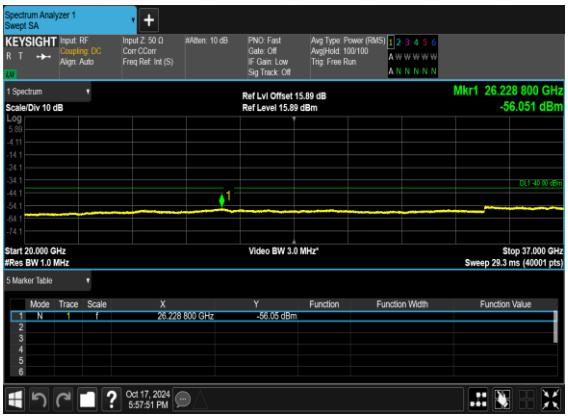
N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



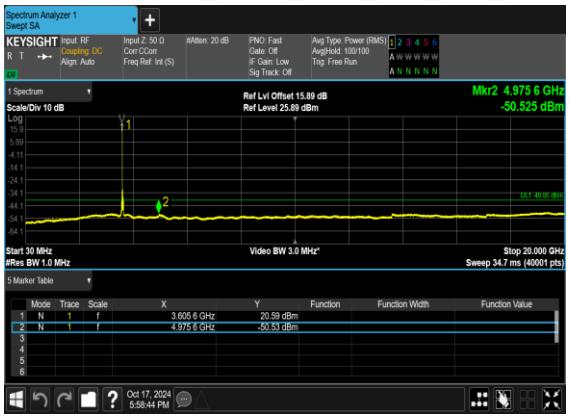
N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



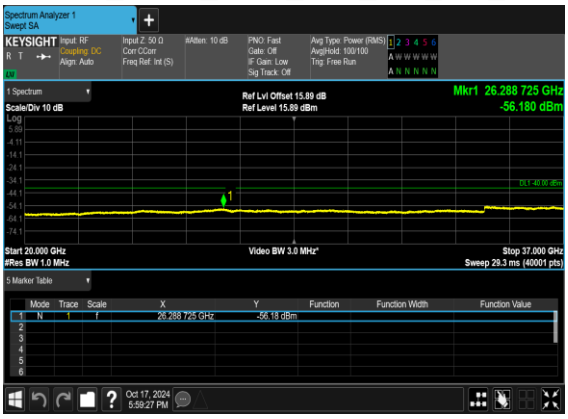
N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



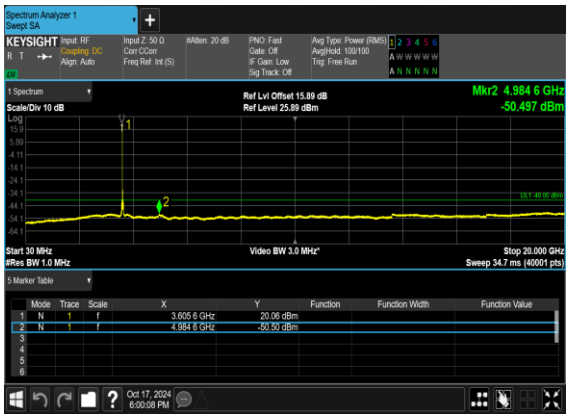
N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



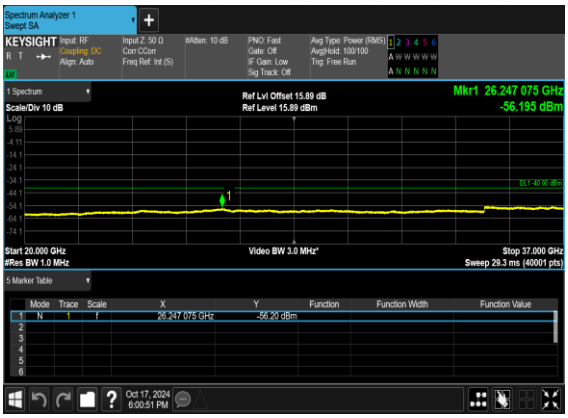
N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



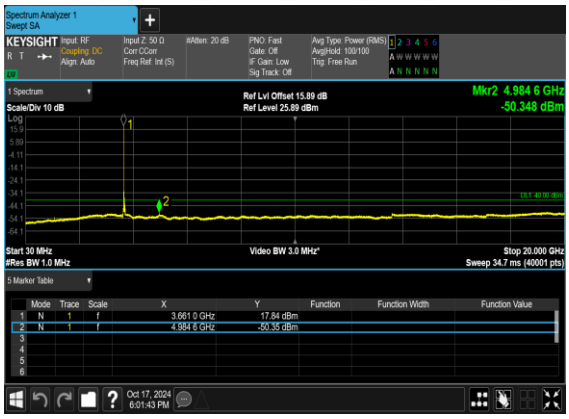
N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



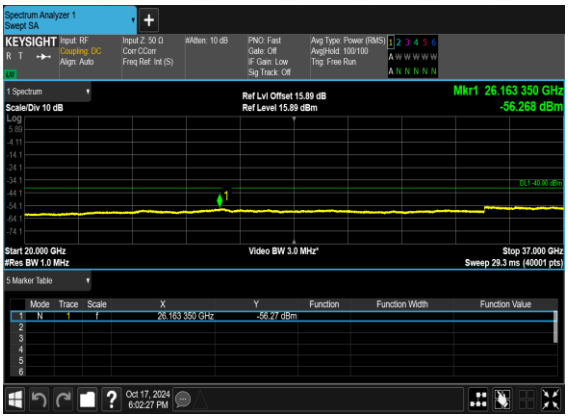
N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



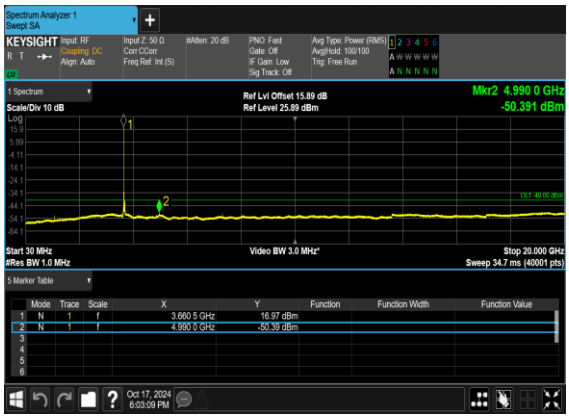
N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



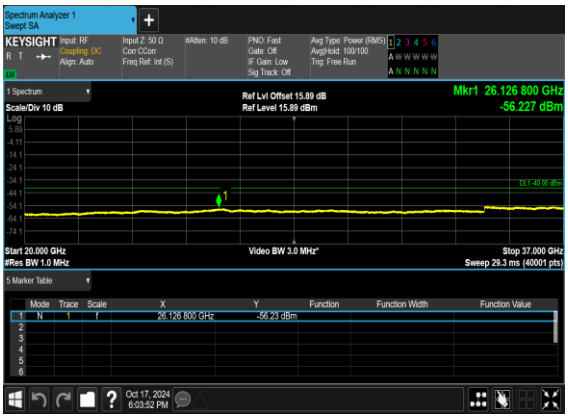
N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



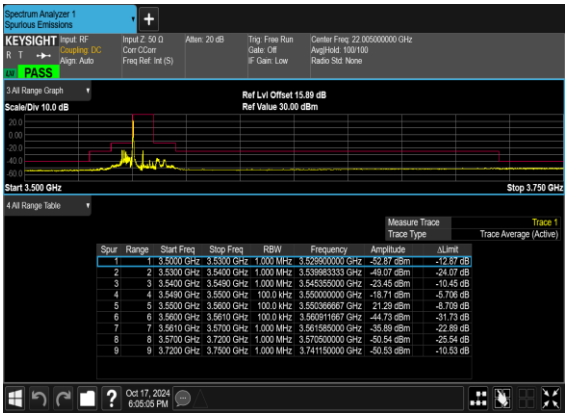
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
48	15	10	637000	3555.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
48	15	10	637000	3555.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
48	15	10	637000	3555.0	DFT-s-OFDM BPSK	1@51	see graph	**PASS**
48	15	10	637000	3555.0	DFT-s-OFDM QPSK	1@51	see graph	**PASS**
48	15	10	637000	3555.0	DFT-s-OFDM BPSK	50@0	see graph	**PASS**
48	15	10	637000	3555.0	DFT-s-OFDM QPSK	50@0	see graph	**PASS**
48	15	10	641666	3624.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
48	15	10	641666	3624.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
48	15	10	641666	3624.99	DFT-s-OFDM BPSK	1@51	see graph	**PASS**
48	15	10	641666	3624.99	DFT-s-OFDM QPSK	1@51	see graph	**PASS**
48	15	10	641666	3624.99	DFT-s-OFDM BPSK	50@0	see graph	**PASS**
48	15	10	641666	3624.99	DFT-s-OFDM QPSK	50@0	see graph	**PASS**
48	15	10	646332	3694.98	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
48	15	10	646332	3694.98	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
48	15	10	646332	3694.98	DFT-s-OFDM BPSK	1@51	see graph	**PASS**
48	15	10	646332	3694.98	DFT-s-OFDM QPSK	1@51	see graph	**PASS**
48	15	10	646332	3694.98	DFT-s-OFDM BPSK	50@0	see graph	**PASS**
48	15	10	646332	3694.98	DFT-s-OFDM QPSK	50@0	see graph	**PASS**
48	15	20	637334	3560.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**

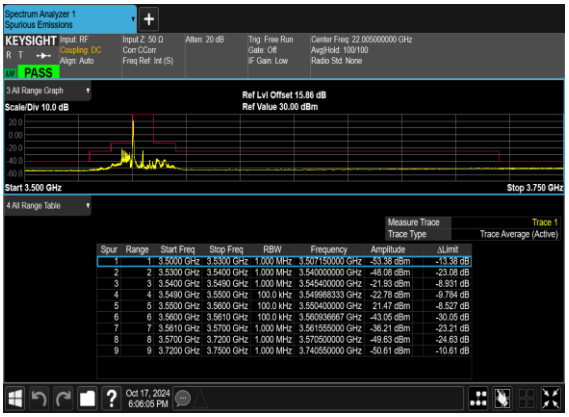
48	15	20	637334	3560.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
48	15	20	637334	3560.01	DFT-s-OFDM BPSK	1@105	see graph	**PASS**
48	15	20	637334	3560.01	DFT-s-OFDM QPSK	1@105	see graph	**PASS**
48	15	20	637334	3560.01	DFT-s-OFDM BPSK	100@0	see graph	**PASS**
48	15	20	637334	3560.01	DFT-s-OFDM QPSK	100@0	see graph	**PASS**
48	15	20	641666	3624.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
48	15	20	641666	3624.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
48	15	20	641666	3624.99	DFT-s-OFDM BPSK	1@105	see graph	**PASS**
48	15	20	641666	3624.99	DFT-s-OFDM QPSK	1@105	see graph	**PASS**
48	15	20	641666	3624.99	DFT-s-OFDM BPSK	100@0	see graph	**PASS**
48	15	20	641666	3624.99	DFT-s-OFDM QPSK	100@0	see graph	**PASS**
48	15	20	646000	3690.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
48	15	20	646000	3690.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
48	15	20	646000	3690.0	DFT-s-OFDM BPSK	1@105	see graph	**PASS**
48	15	20	646000	3690.0	DFT-s-OFDM QPSK	1@105	see graph	**PASS**
48	15	20	646000	3690.0	DFT-s-OFDM BPSK	100@0	see graph	**PASS**
48	15	20	646000	3690.0	DFT-s-OFDM QPSK	100@0	see graph	**PASS**
48	15	40	638000	3570.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
48	15	40	638000	3570.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
48	15	40	638000	3570.0	DFT-s-OFDM BPSK	1@215	see graph	**PASS**
48	15	40	638000	3570.0	DFT-s-OFDM QPSK	1@215	see graph	**PASS**
48	15	40	638000	3570.0	DFT-s-OFDM	216@0	see graph	**PASS**

					BPSK			
48	15	40	638000	3570.0	DFT-s-OFDM QPSK	216@0	see graph	**PASS**
48	15	40	641666	3624.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
48	15	40	641666	3624.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
48	15	40	641666	3624.99	DFT-s-OFDM BPSK	1@215	see graph	**PASS**
48	15	40	641666	3624.99	DFT-s-OFDM QPSK	1@215	see graph	**PASS**
48	15	40	641666	3624.99	DFT-s-OFDM BPSK	216@0	see graph	**PASS**
48	15	40	641666	3624.99	DFT-s-OFDM QPSK	216@0	see graph	**PASS**
48	15	40	645332	3679.98	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
48	15	40	645332	3679.98	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
48	15	40	645332	3679.98	DFT-s-OFDM BPSK	1@215	see graph	**PASS**
48	15	40	645332	3679.98	DFT-s-OFDM QPSK	1@215	see graph	**PASS**
48	15	40	645332	3679.98	DFT-s-OFDM BPSK	216@0	see graph	**PASS**
48	15	40	645332	3679.98	DFT-s-OFDM QPSK	216@0	see graph	**PASS**

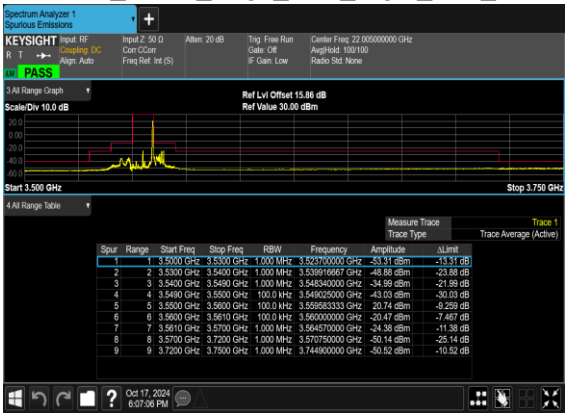
N48(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



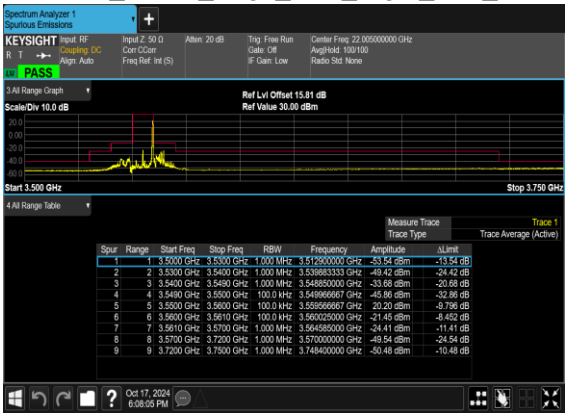
N48(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N48(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Low_CH

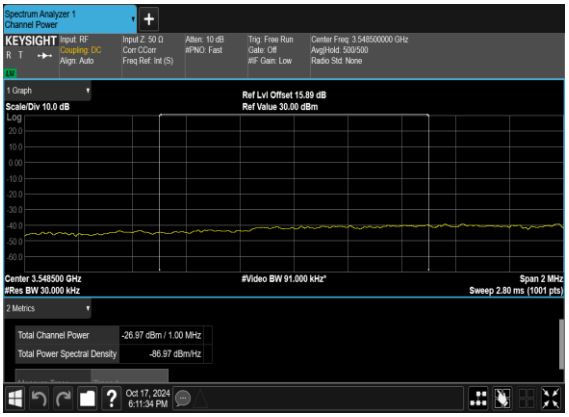


N48(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Low_CH



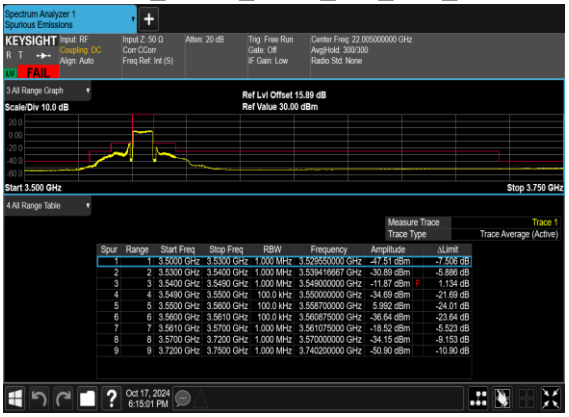
N48(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

N48(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH_**CHP_PASS**



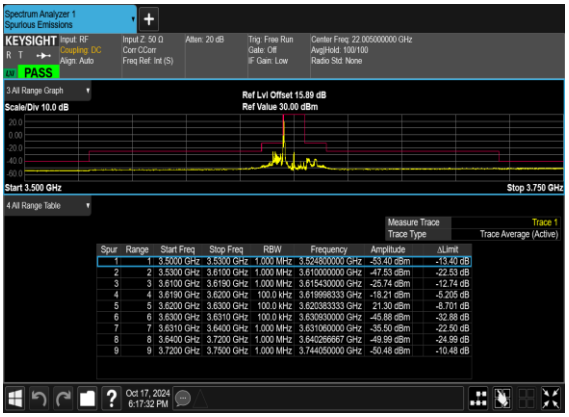
N48(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH_**CHP_PASS**

N48(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

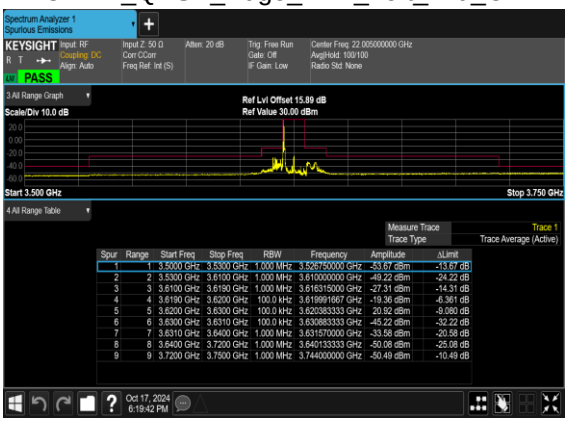


N48(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH_**CHP_PASS**

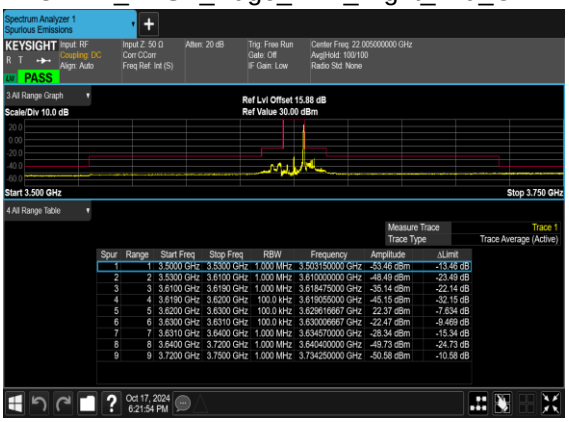
N48(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



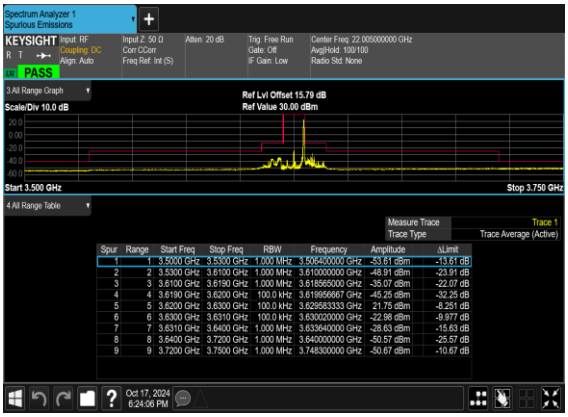
N48(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



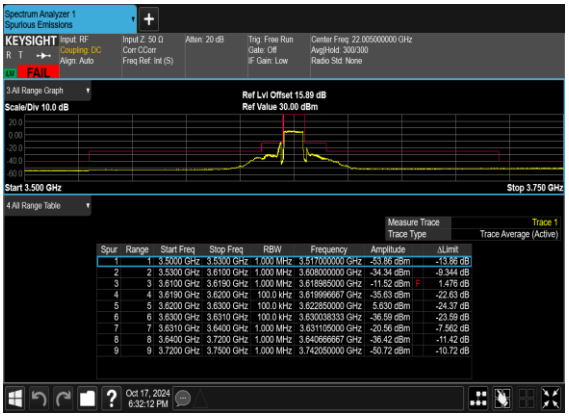
N48(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Mid_CH



N48(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Mid_CH

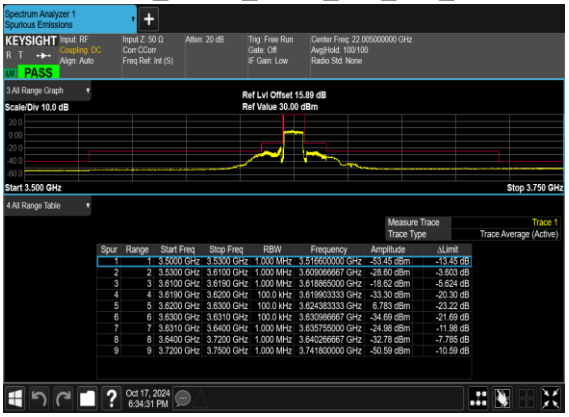


N48(10M)_DFT-s-OFDM_BPSK_Outer_Full_Mid_CH

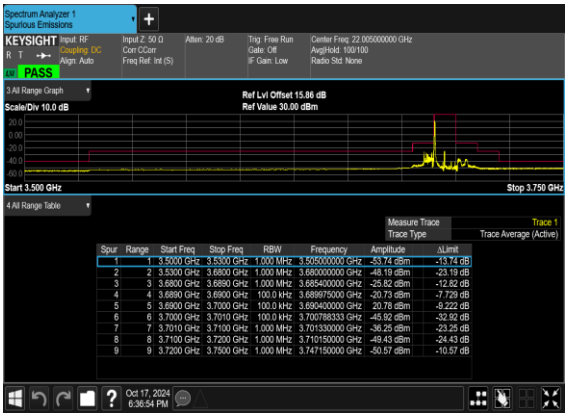


N48(10M)_DFT-s-OFDM_BPSK_Outer_Full_Mid_CH_**CHP_PASS**

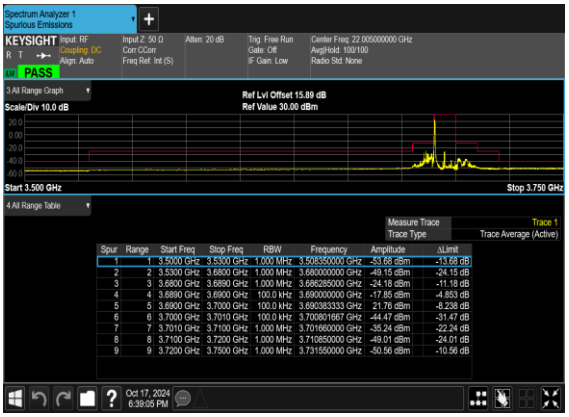
N48(10M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



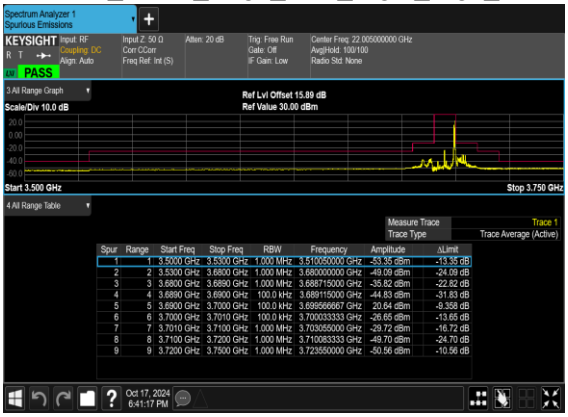
N48(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



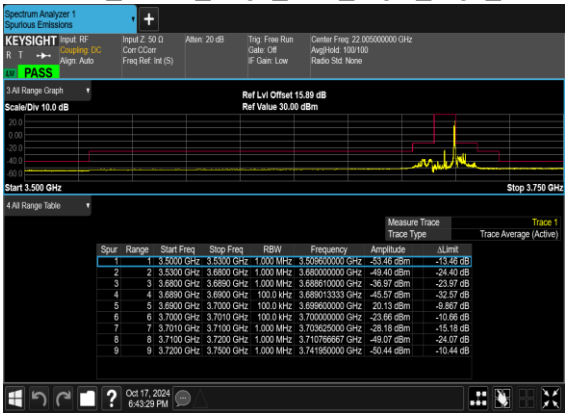
N48(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



N48(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



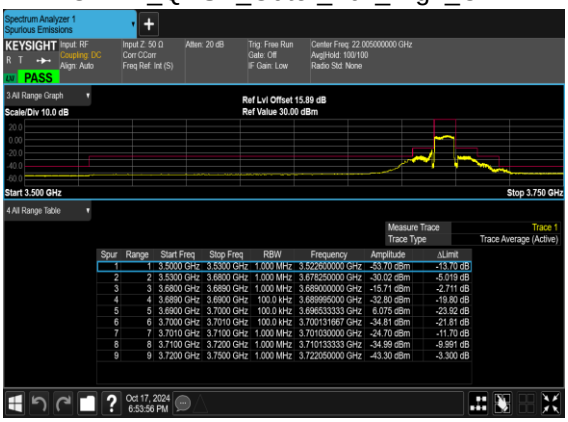
N48(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



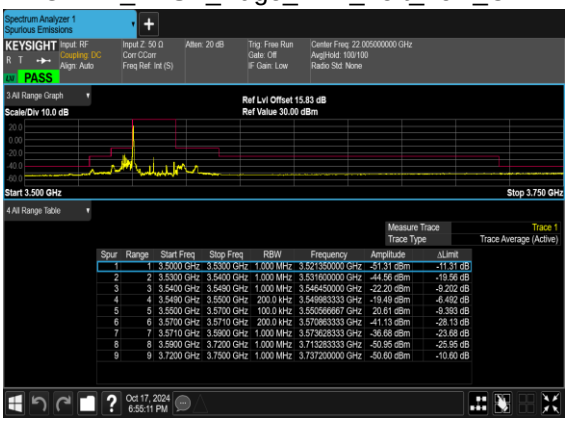
N48(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

N48(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH_**CHP_PASS**

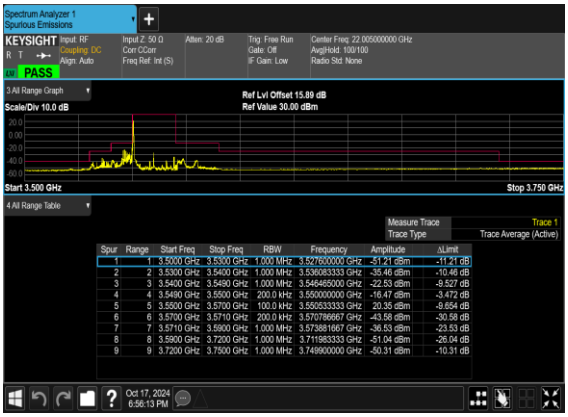
N48(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



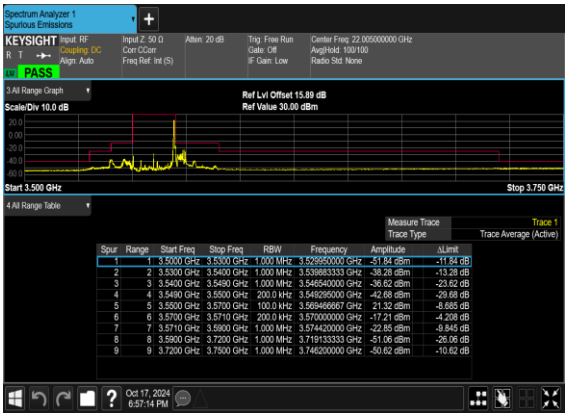
N48(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



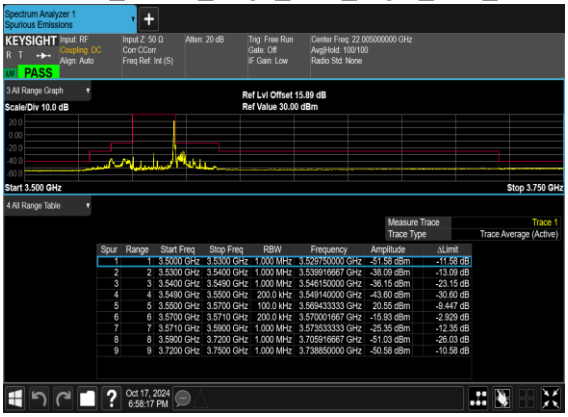
N48(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



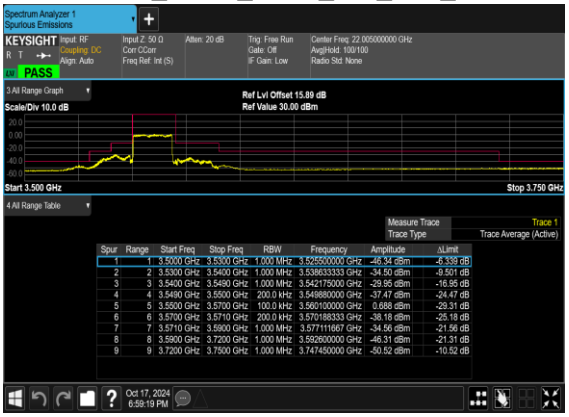
N48(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Low_CH



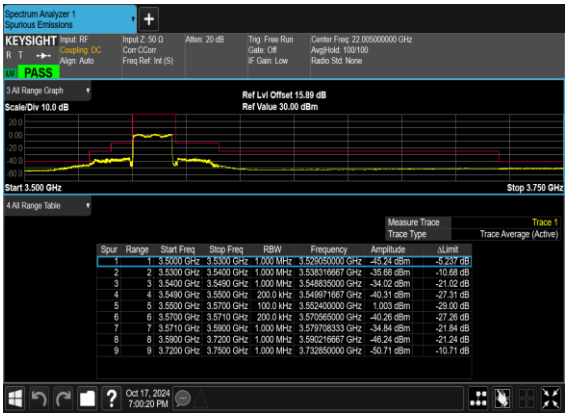
N48(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Low_CH



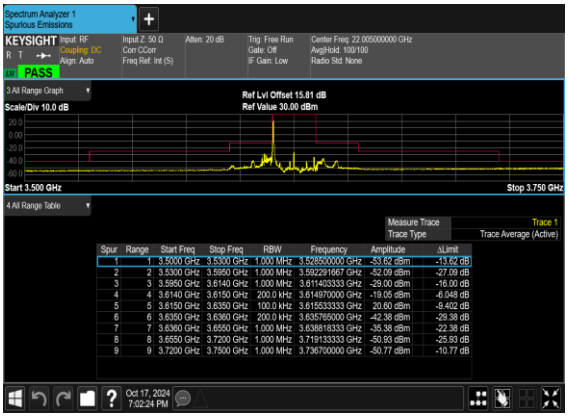
N48(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



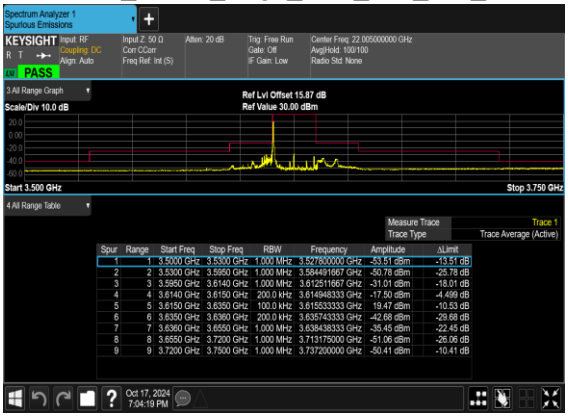
N48(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



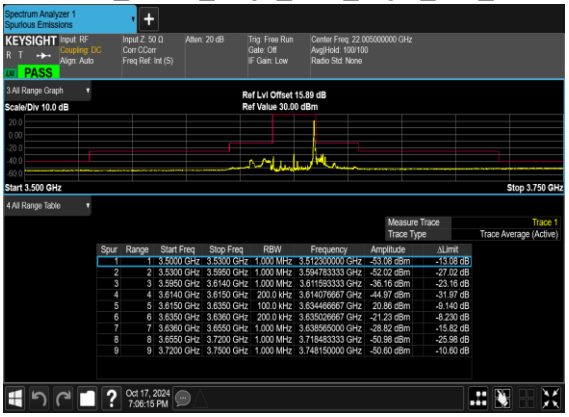
N48(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



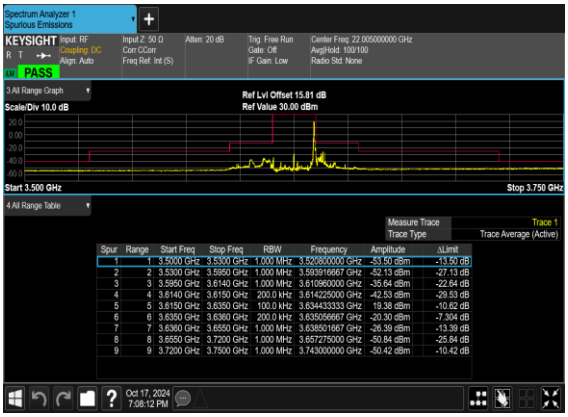
N48(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



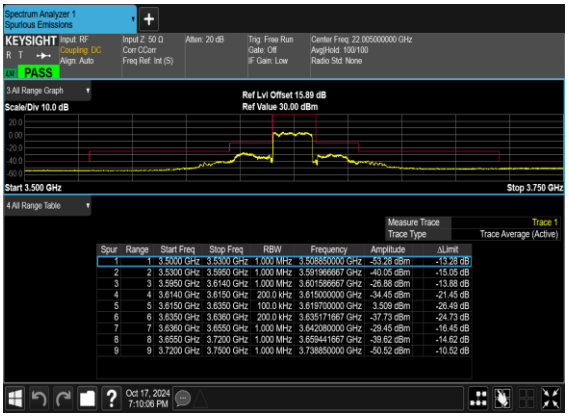
N48(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Mid_CH



N48(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Mid_CH

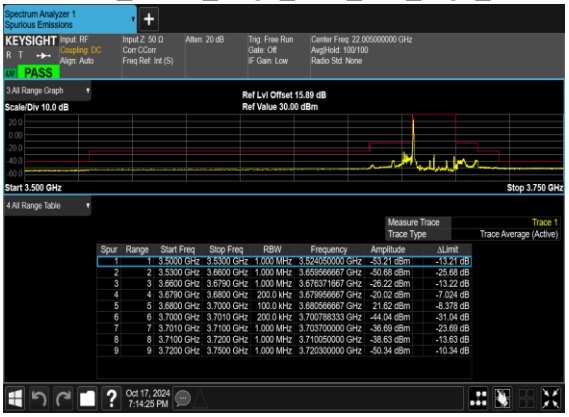


N48(20M)_DFT-s-OFDM_BPSK_Outer_Full_Mid_CH

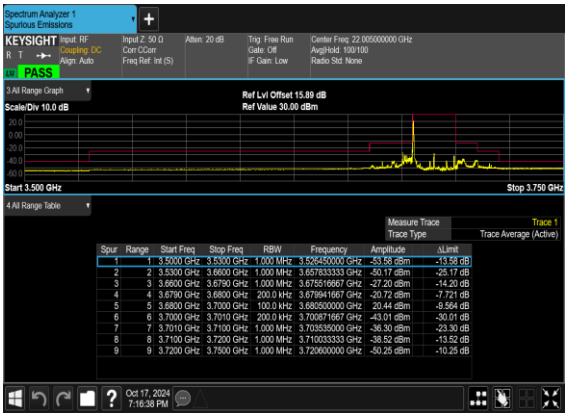


N48(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

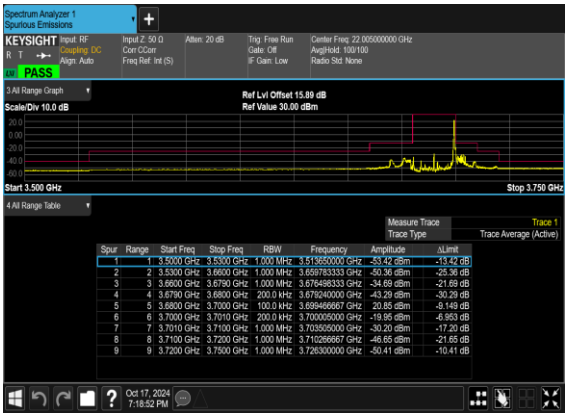
N48(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



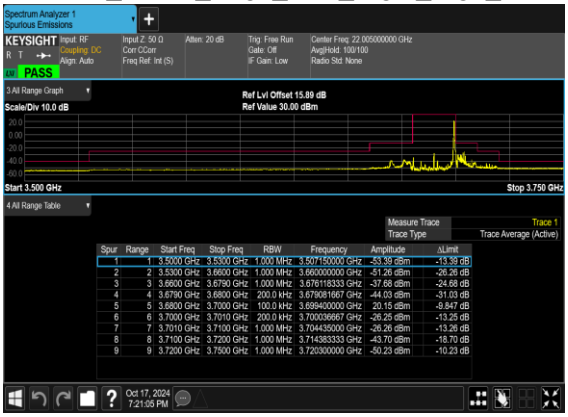
N48(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



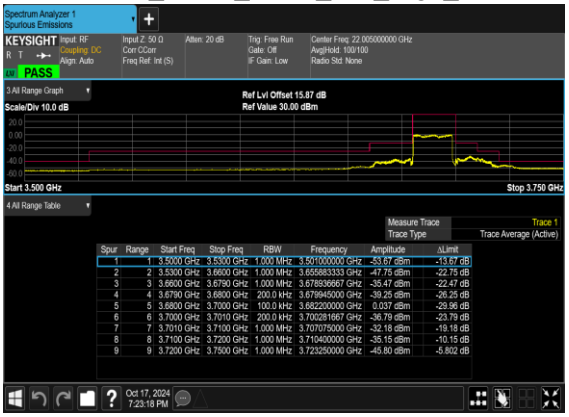
N48(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



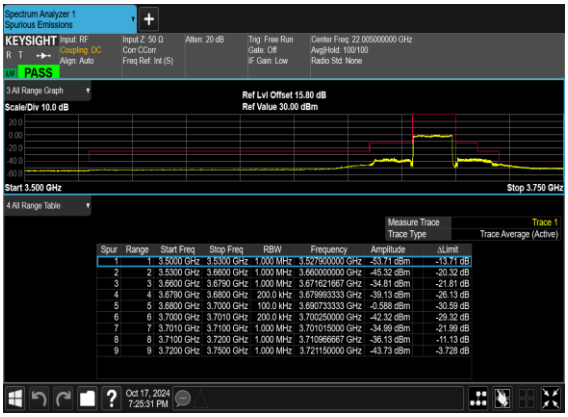
N48(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



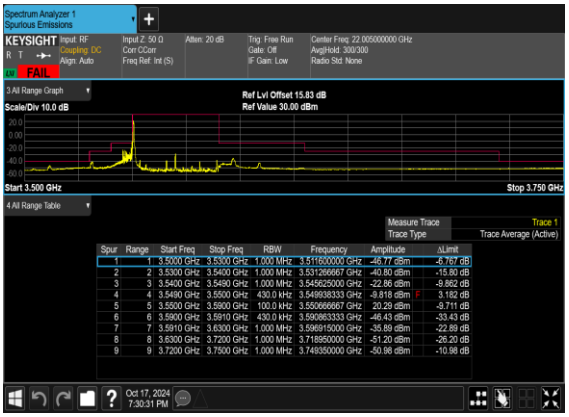
N48(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N48(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

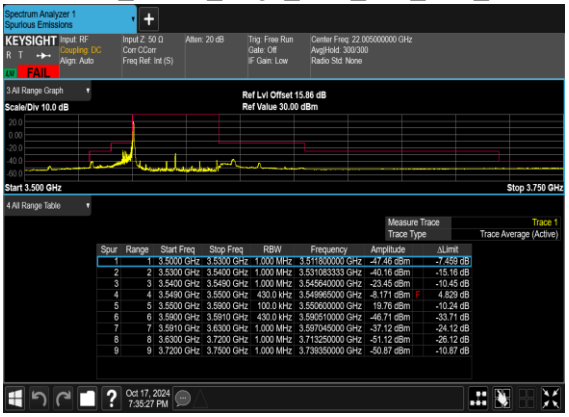


N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

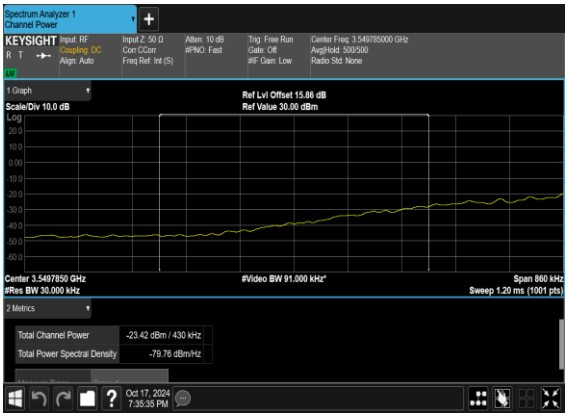


N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_**CHP_PASS**

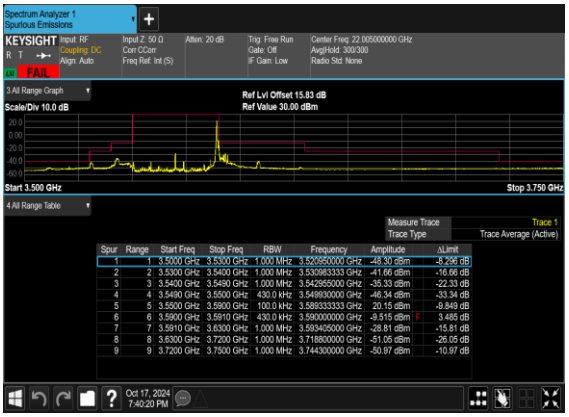
N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



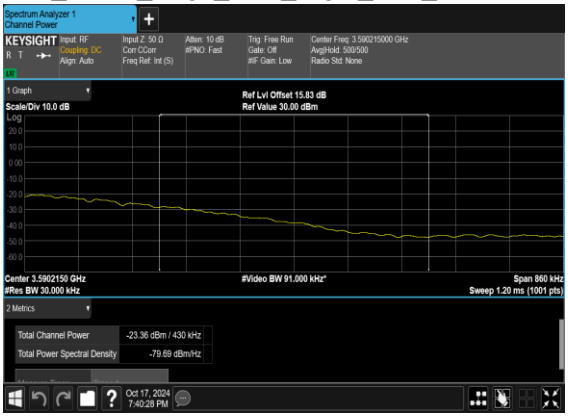
N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_**CHP_PASS**



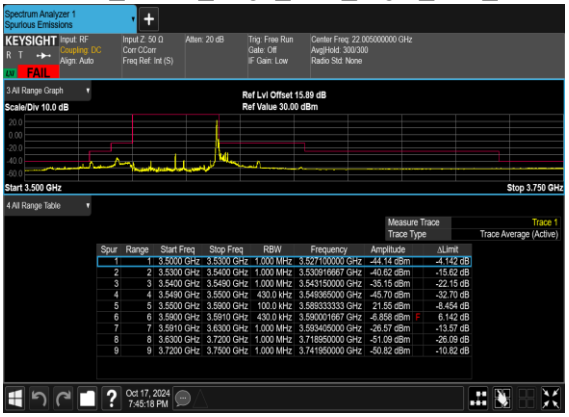
N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Low_CH



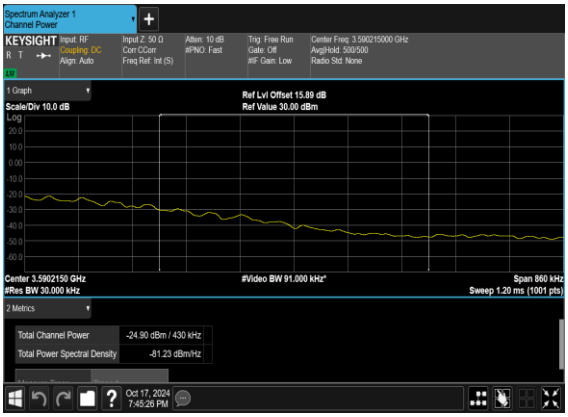
N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Low_CH_**CHP_PASS**



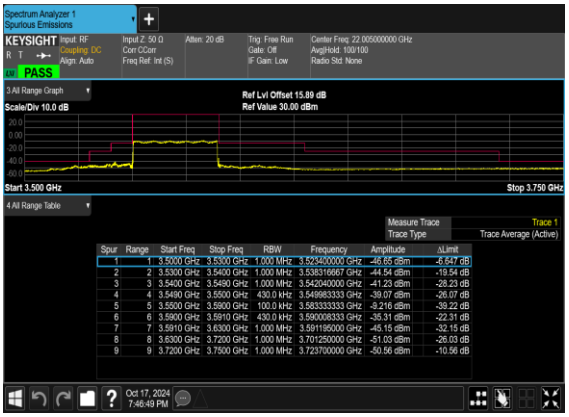
N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Low_CH



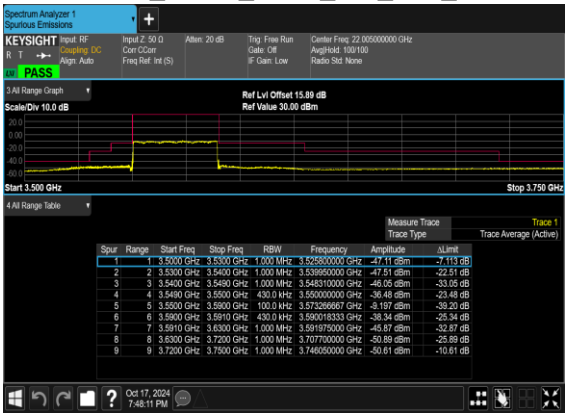
N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Low_CH_**CHP_PASS**



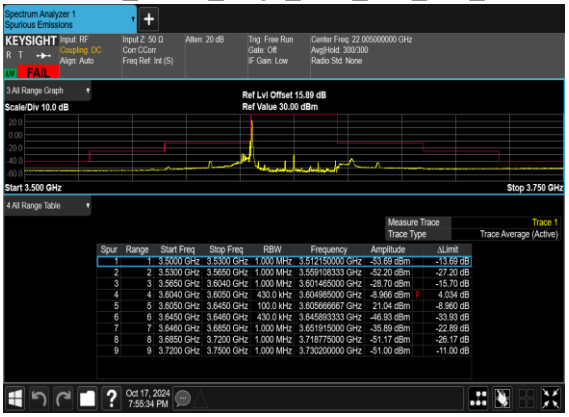
N48(40M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



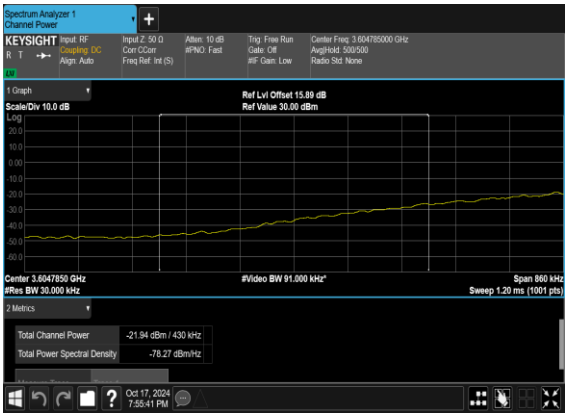
N48(40M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



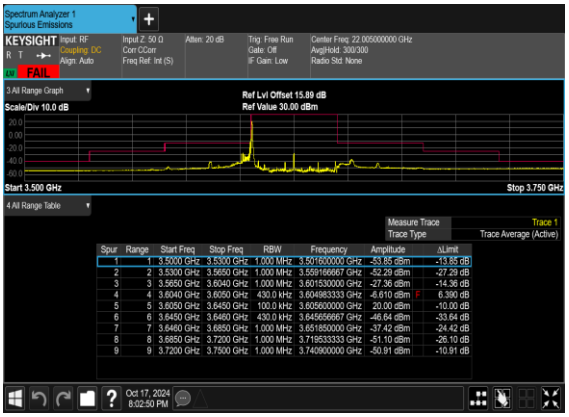
N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



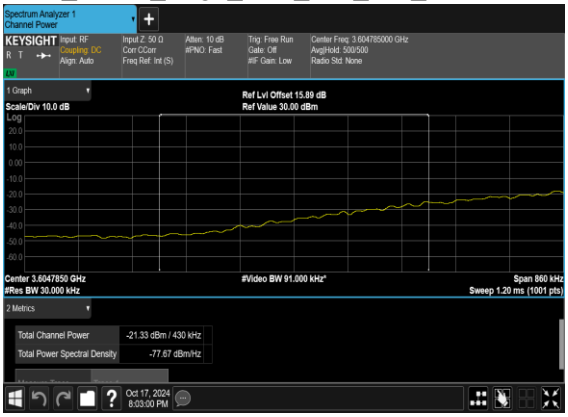
N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH_**CHP_PASS**



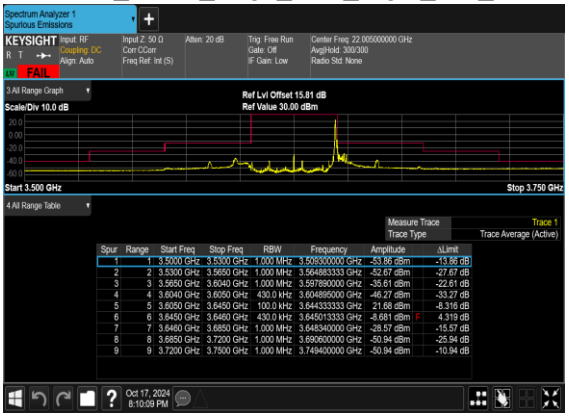
N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



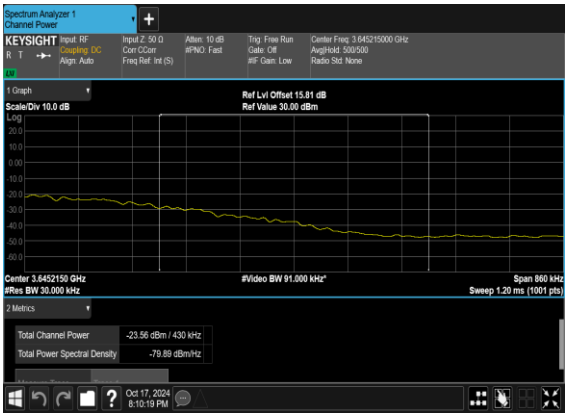
N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH_**CHP_PASS**



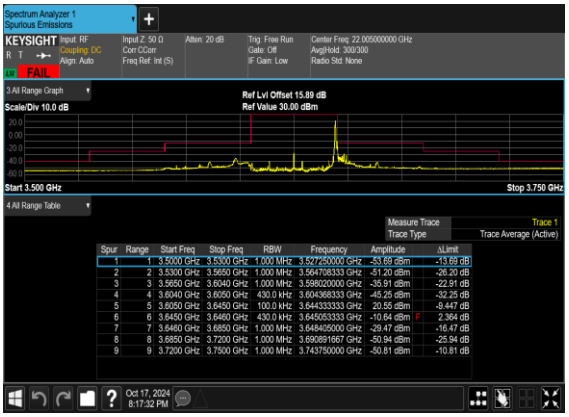
N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Mid_CH



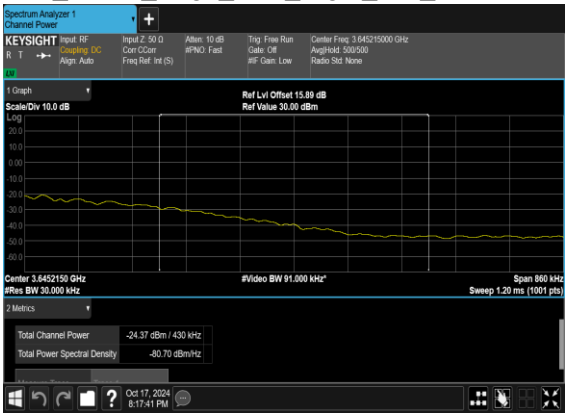
N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Mid_CH_**CHP_PASS**



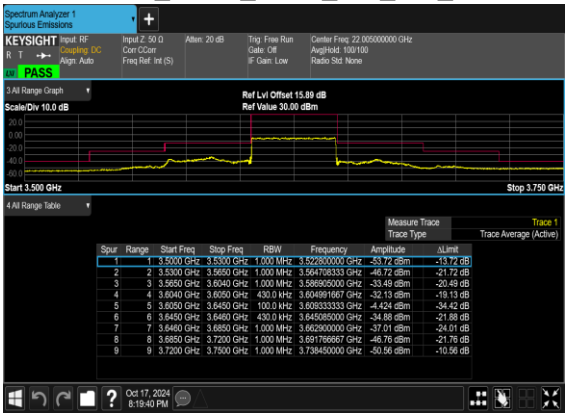
N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Mid_CH



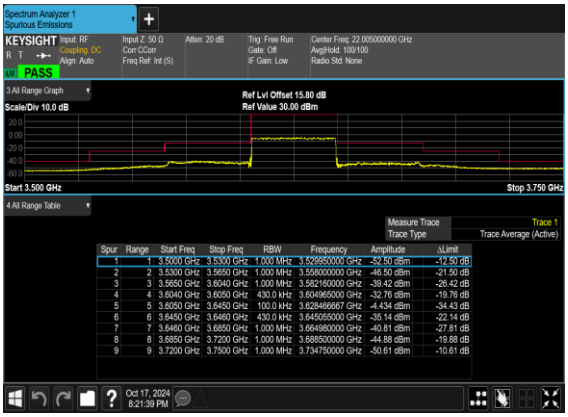
N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Mid_CH_**CHP_PASS**



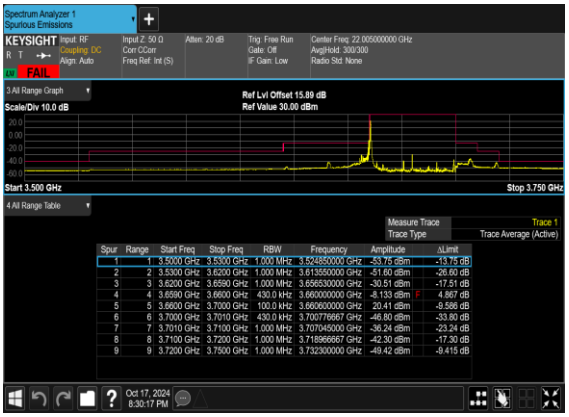
N48(40M)_DFT-s-OFDM_BPSK_Outer_Full_Mid_CH



N48(40M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

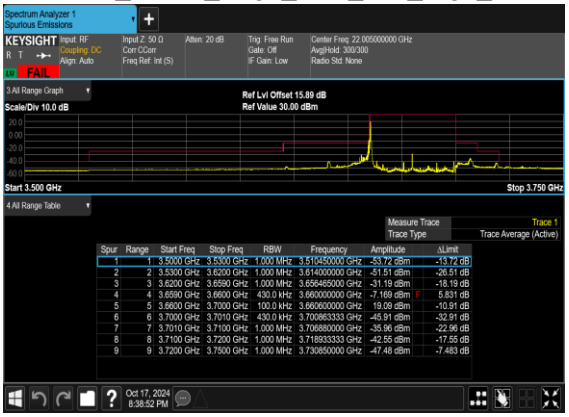


N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH

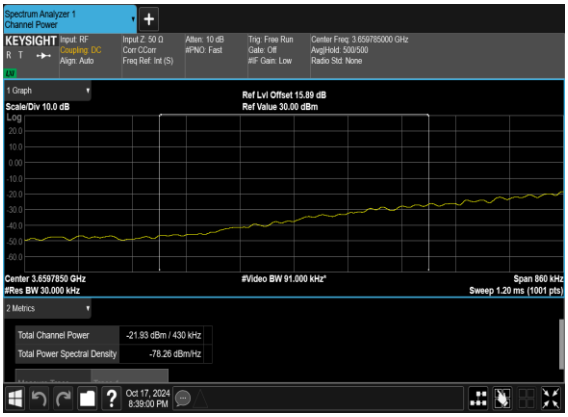


N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH_**CHP_PASS**

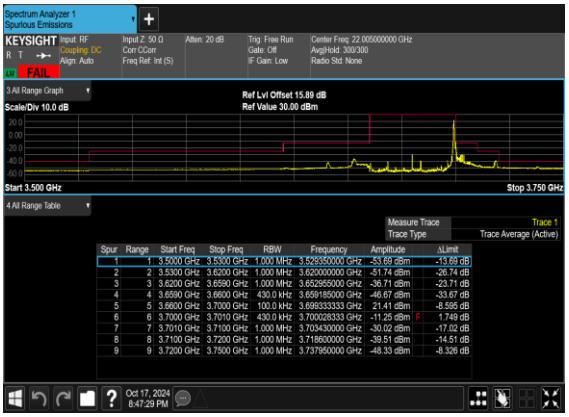
N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



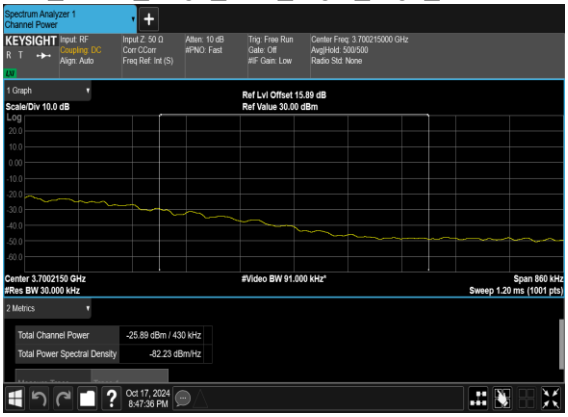
N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH_**CHP_PASS**



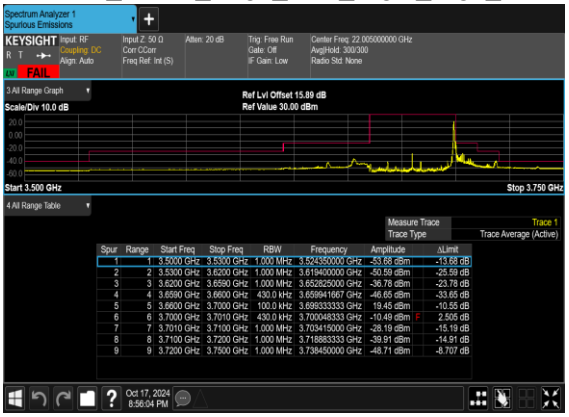
N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



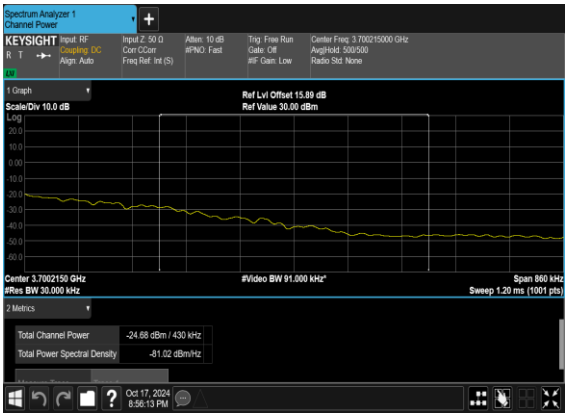
N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH_**CHP_PASS**



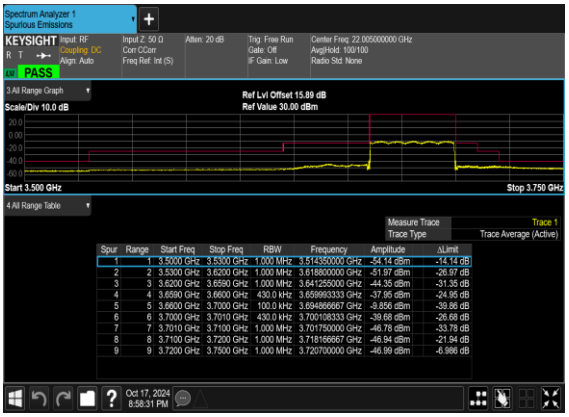
N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



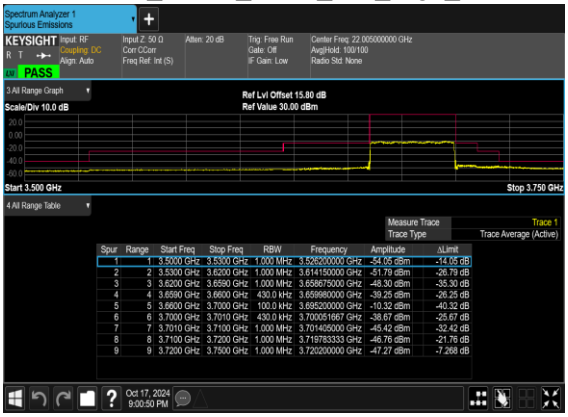
N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH_**CHP_PASS**



N48(40M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N48(40M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Shiwei Wen	Temperature :	22~25℃
		Relative Humidity :	48~52%

SA n48 / 40MHz / QPSK / ANT6									
Channel	Frequency (MHz)	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)
Middle	7212.46	-59.18	-40	-19.18	-65.18	-62.48	8.30	11.60	H
	10818.69	-53.92	-40	-13.92	-67.19	-55.44	10.48	12.00	H
	14424.92	-49.90	-40	-9.90	-67.33	-51.60	11.80	13.50	H
	7212.46	-58.73	-40	-18.73	-65.1	-62.03	8.30	11.60	V
	10818.69	-54.55	-40	-14.55	-67.44	-56.07	10.48	12.00	V
	14424.92	-50.09	-40	-10.09	-66.95	-51.79	11.80	13.50	V

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