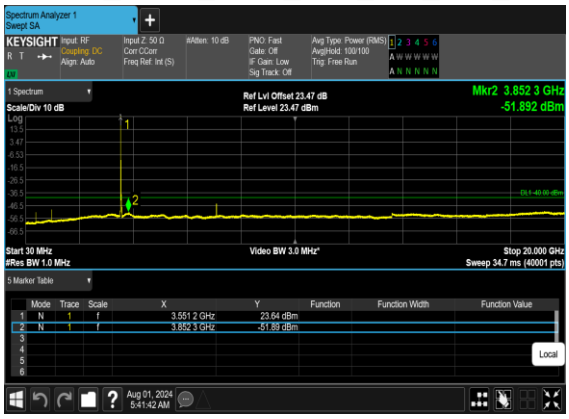
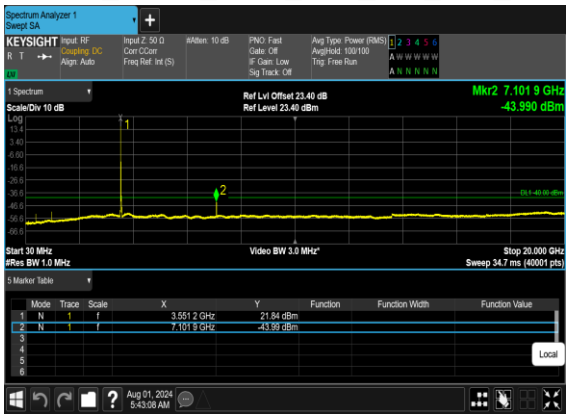
N48(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

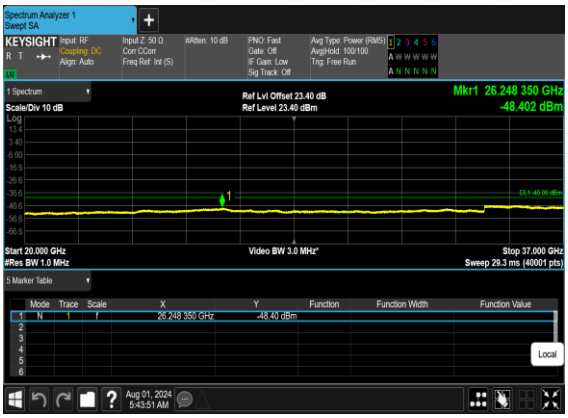


N48(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

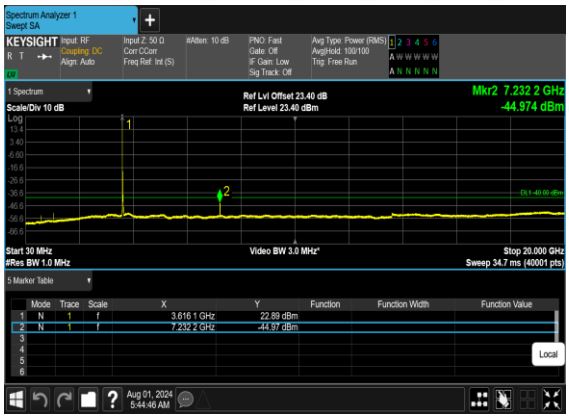
N48(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



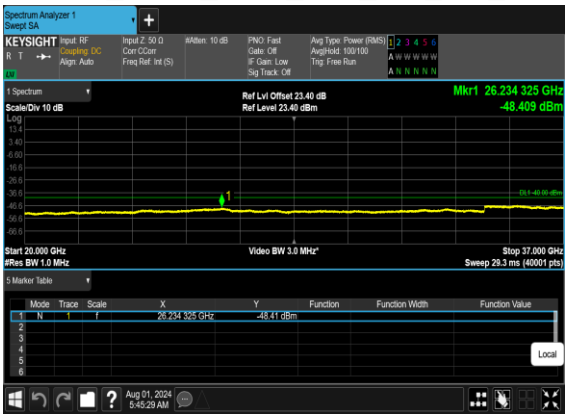
N48(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



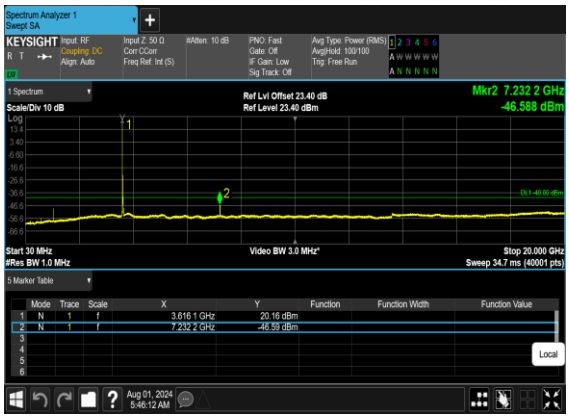
N48(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



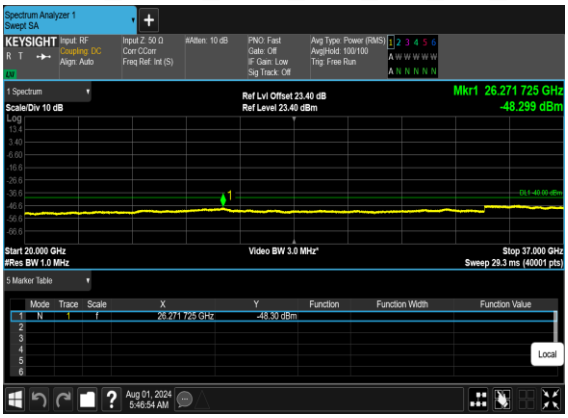
N48(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



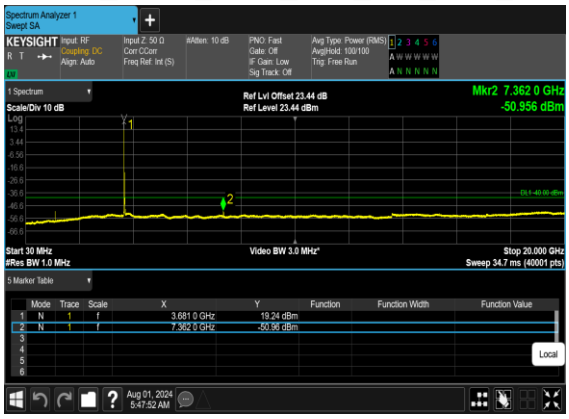
N48(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



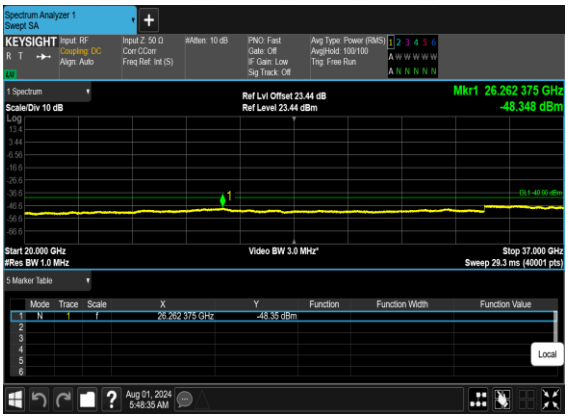
N48(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



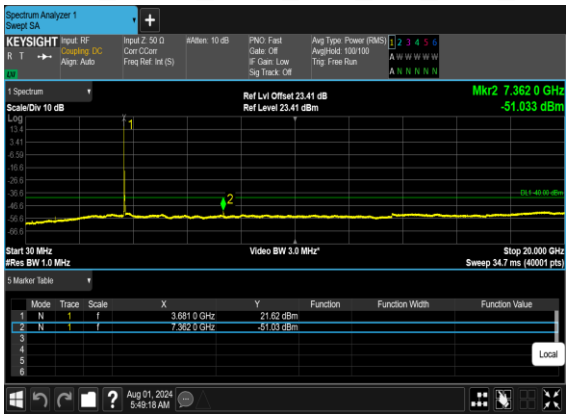
N48(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



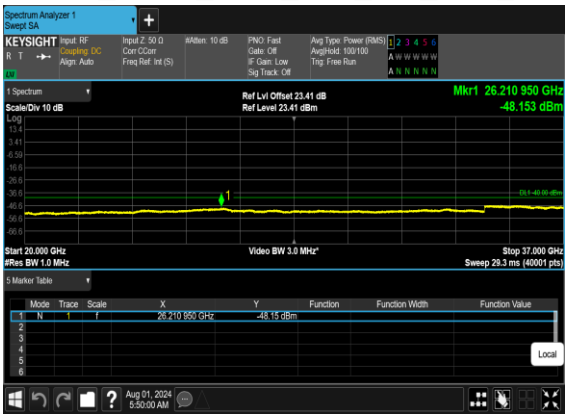
N48(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



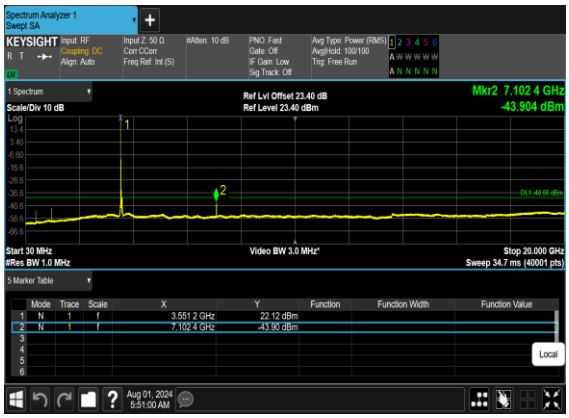
N48(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



N48(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

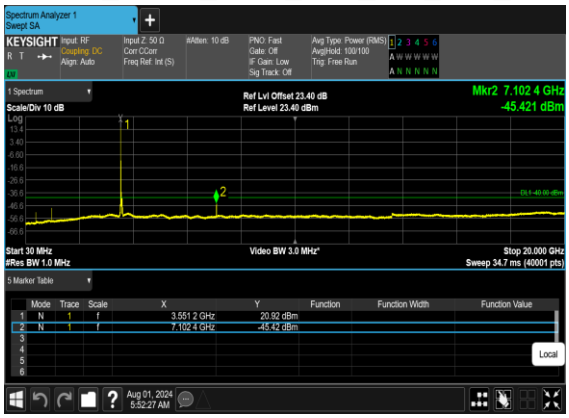


N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

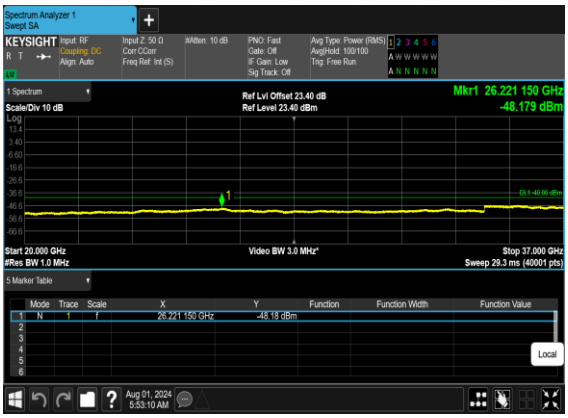


N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

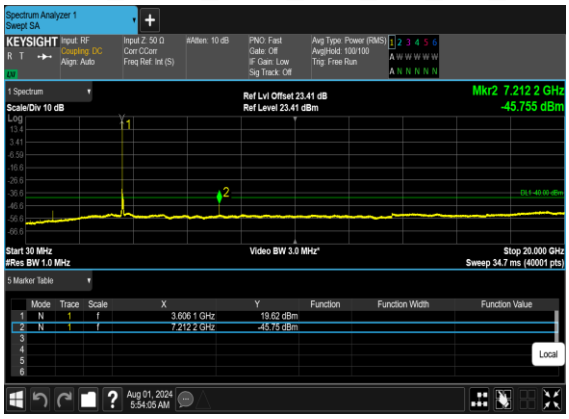
N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

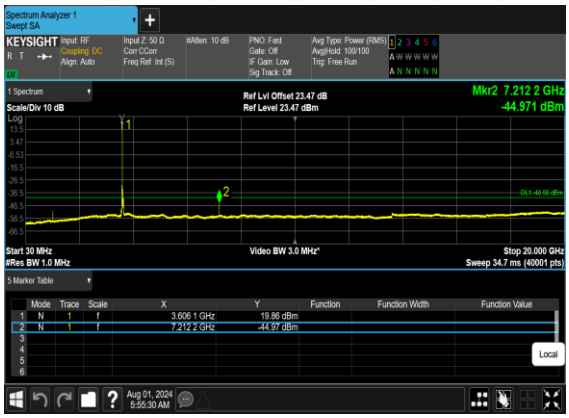


N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH

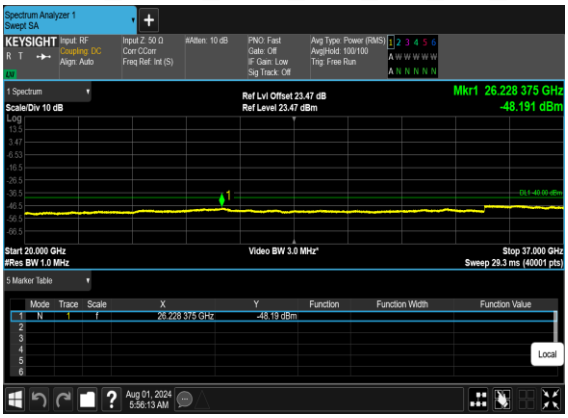


N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH

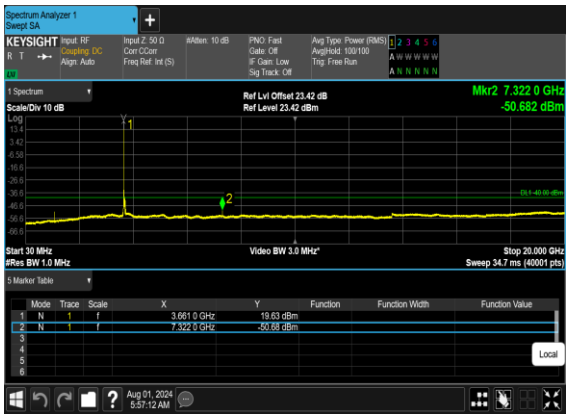
N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

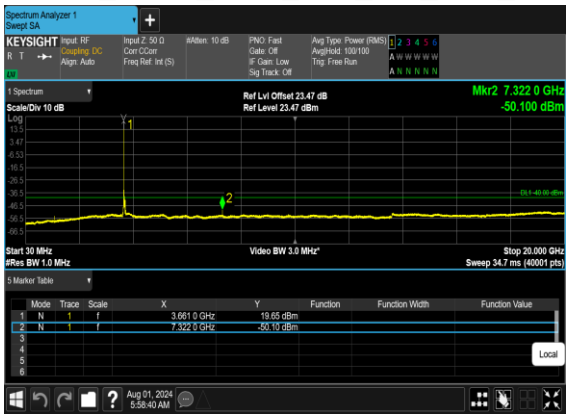


N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH

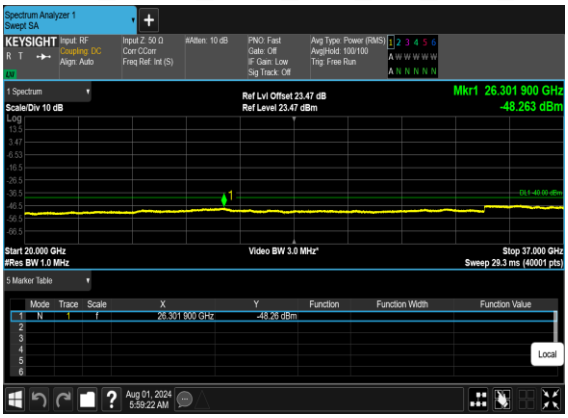


N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH

N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



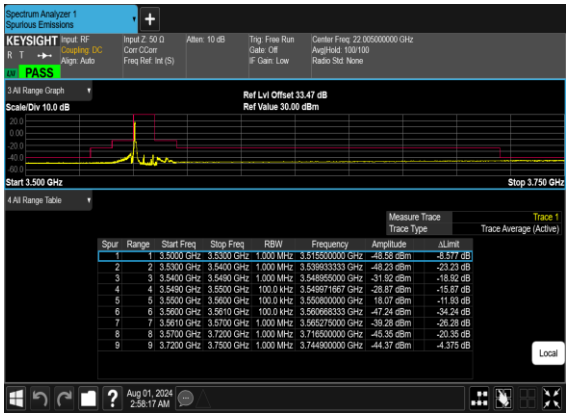
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
48	30	10	637000	3555.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
48	30	10	637000	3555.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
48	30	10	637000	3555.0	DFT-s-OFDM BPSK	1@23	see graph	**PASS**
48	30	10	637000	3555.0	DFT-s-OFDM QPSK	1@23	see graph	**PASS**
48	30	10	637000	3555.0	DFT-s-OFDM BPSK	24@0	see graph	**PASS**
48	30	10	637000	3555.0	DFT-s-OFDM QPSK	24@0	see graph	**PASS**
48	30	10	641666	3624.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
48	30	10	641666	3624.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
48	30	10	641666	3624.99	DFT-s-OFDM BPSK	1@23	see graph	**PASS**
48	30	10	641666	3624.99	DFT-s-OFDM QPSK	1@23	see graph	**PASS**
48	30	10	641666	3624.99	DFT-s-OFDM BPSK	24@0	see graph	**PASS**
48	30	10	641666	3624.99	DFT-s-OFDM QPSK	24@0	see graph	**PASS**
48	30	10	646332	3694.98	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
48	30	10	646332	3694.98	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
48	30	10	646332	3694.98	DFT-s-OFDM BPSK	1@23	see graph	**PASS**
48	30	10	646332	3694.98	DFT-s-OFDM QPSK	1@23	see graph	**PASS**
48	30	10	646332	3694.98	DFT-s-OFDM BPSK	24@0	see graph	**PASS**
48	30	10	646332	3694.98	DFT-s-OFDM QPSK	24@0	see graph	**PASS**
48	30	20	637334	3560.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
48	30	20	637334	3560.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**

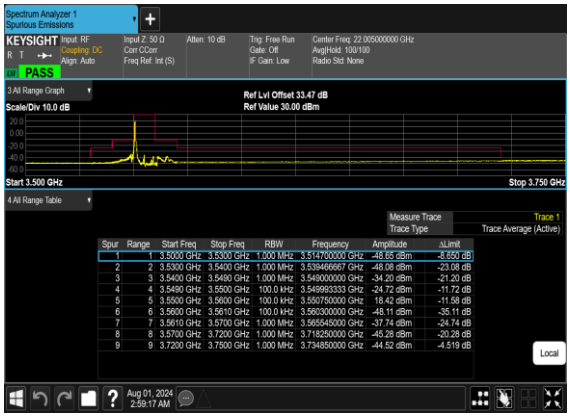
48	30	20	637334	3560.01	DFT-s-OFDM BPSK	1@50	see graph	**PASS**
48	30	20	637334	3560.01	DFT-s-OFDM QPSK	1@50	see graph	**PASS**
48	30	20	637334	3560.01	DFT-s-OFDM BPSK	50@0	see graph	**PASS**
48	30	20	637334	3560.01	DFT-s-OFDM QPSK	50@0	see graph	**PASS**
48	30	20	641666	3624.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
48	30	20	641666	3624.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
48	30	20	641666	3624.99	DFT-s-OFDM BPSK	1@50	see graph	**PASS**
48	30	20	641666	3624.99	DFT-s-OFDM QPSK	1@50	see graph	**PASS**
48	30	20	641666	3624.99	DFT-s-OFDM BPSK	50@0	see graph	**PASS**
48	30	20	641666	3624.99	DFT-s-OFDM QPSK	50@0	see graph	**PASS**
48	30	20	646000	3690.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
48	30	20	646000	3690.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
48	30	20	646000	3690.0	DFT-s-OFDM BPSK	1@50	see graph	**PASS**
48	30	20	646000	3690.0	DFT-s-OFDM QPSK	1@50	see graph	**PASS**
48	30	20	646000	3690.0	DFT-s-OFDM BPSK	50@0	see graph	**PASS**
48	30	20	646000	3690.0	DFT-s-OFDM QPSK	50@0	see graph	**PASS**
48	30	40	638000	3570.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
48	30	40	638000	3570.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
48	30	40	638000	3570.0	DFT-s-OFDM BPSK	1@105	see graph	**PASS**
48	30	40	638000	3570.0	DFT-s-OFDM QPSK	1@105	see graph	**PASS**
48	30	40	638000	3570.0	DFT-s-OFDM BPSK	100@0	see graph	**PASS**
48	30	40	638000	3570.0	DFT-s-OFDM QPSK	100@0	see graph	**PASS**

48	30	40	641666	3624.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
48	30	40	641666	3624.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
48	30	40	641666	3624.99	DFT-s-OFDM BPSK	1@105	see graph	**PASS**
48	30	40	641666	3624.99	DFT-s-OFDM QPSK	1@105	see graph	**PASS**
48	30	40	641666	3624.99	DFT-s-OFDM BPSK	100@0	see graph	**PASS**
48	30	40	641666	3624.99	DFT-s-OFDM QPSK	100@0	see graph	**PASS**
48	30	40	645332	3679.98	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
48	30	40	645332	3679.98	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
48	30	40	645332	3679.98	DFT-s-OFDM BPSK	1@105	see graph	**PASS**
48	30	40	645332	3679.98	DFT-s-OFDM QPSK	1@105	see graph	**PASS**
48	30	40	645332	3679.98	DFT-s-OFDM BPSK	100@0	see graph	**PASS**
48	30	40	645332	3679.98	DFT-s-OFDM QPSK	100@0	see graph	**PASS**

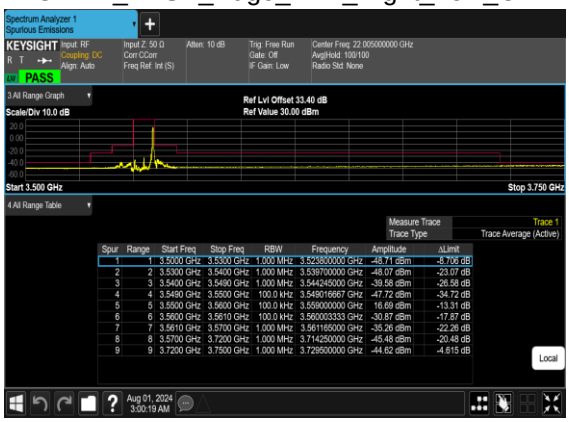
N48(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



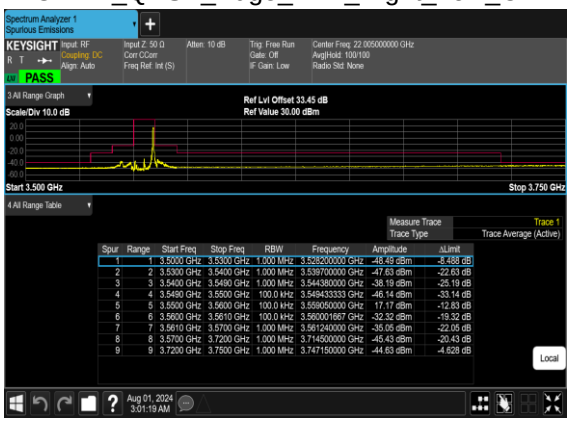
N48(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N48(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Low_CH



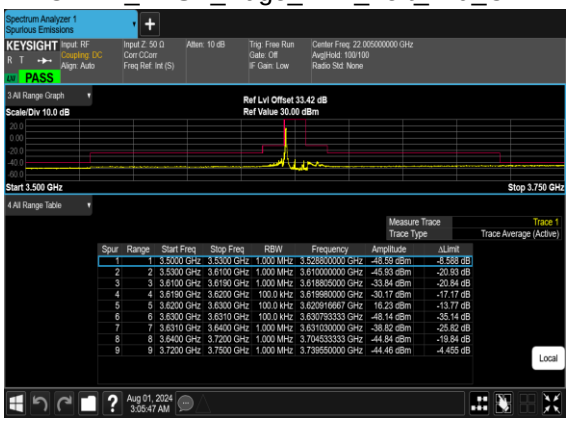
N48(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Low_CH



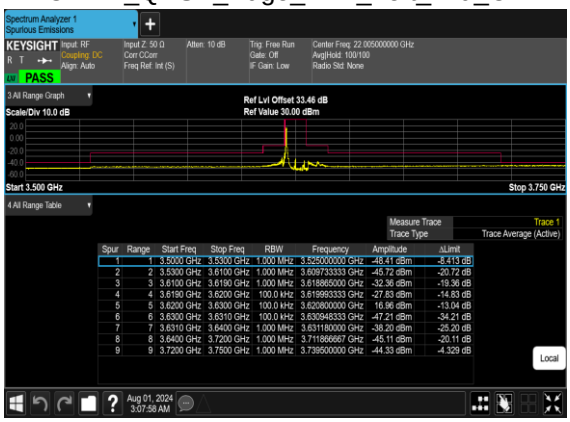
N48(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

N48(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

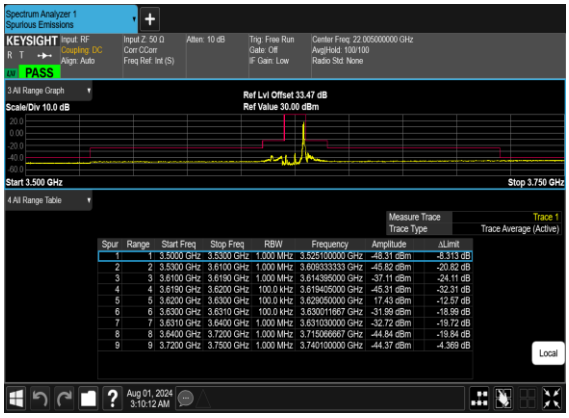
N48(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



N48(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

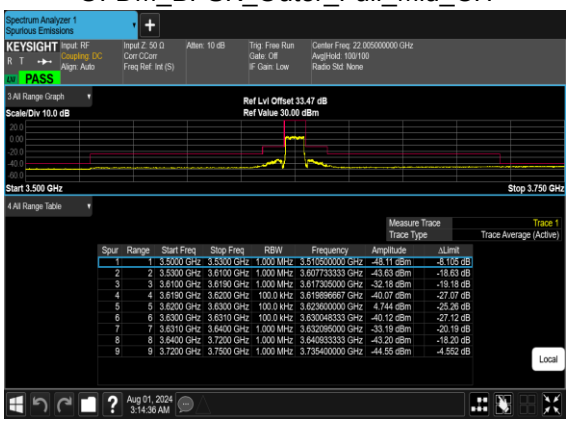


N48(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Mid_CH

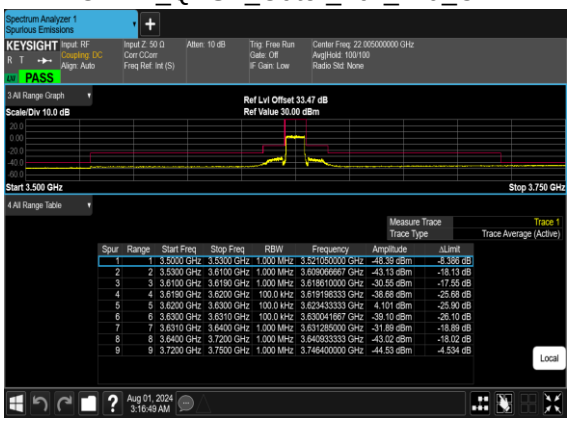


N48(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Mid_CH

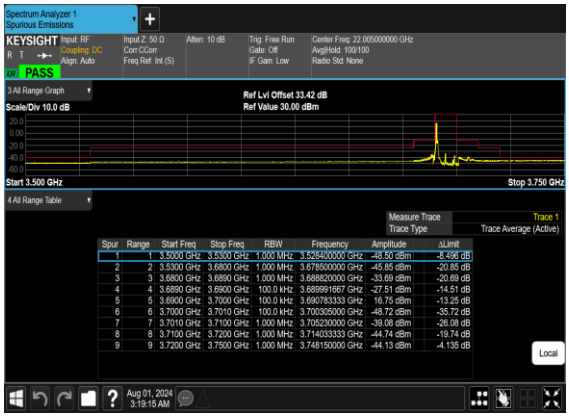
N48(10M)_DFT-s-OFDM_BPSK_Outer_Full_Mid_CH



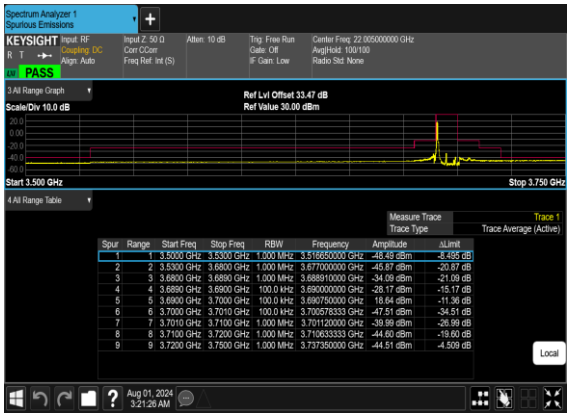
N48(10M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



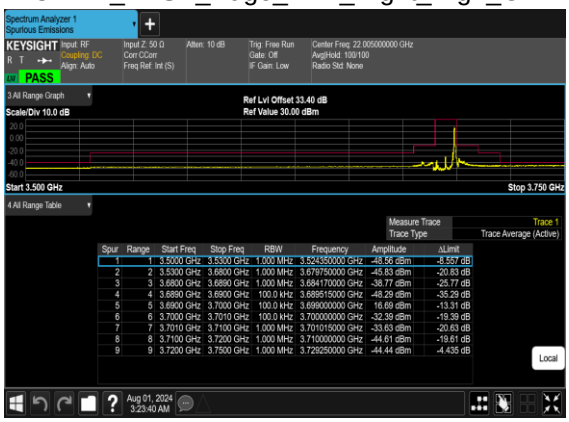
N48(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



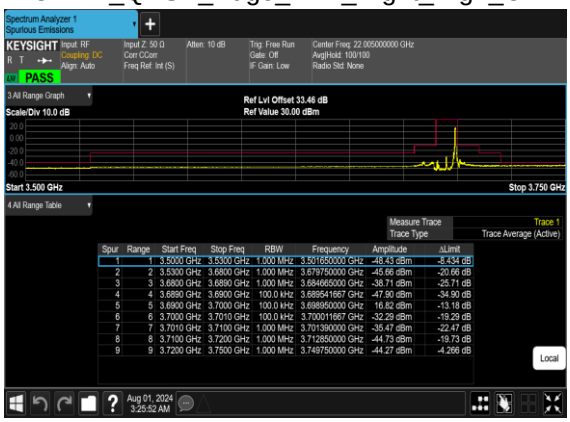
N48(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



N48(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



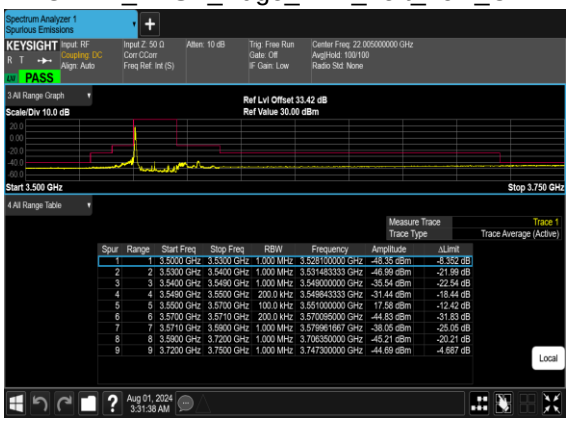
N48(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



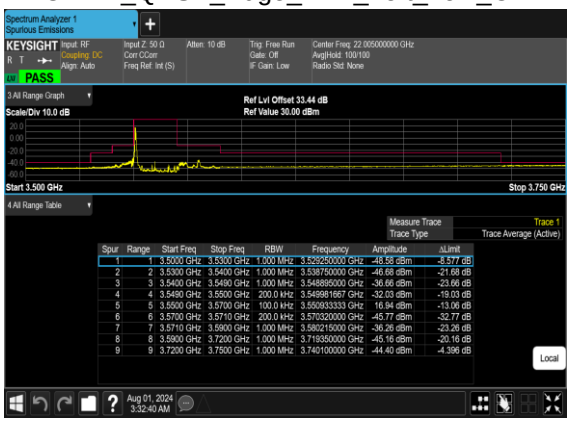
N48(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

N48(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

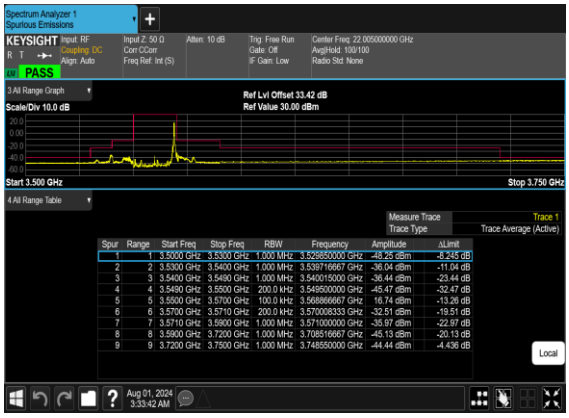
N48(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



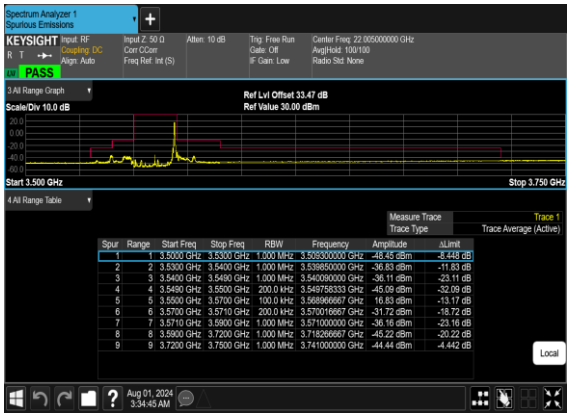
N48(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



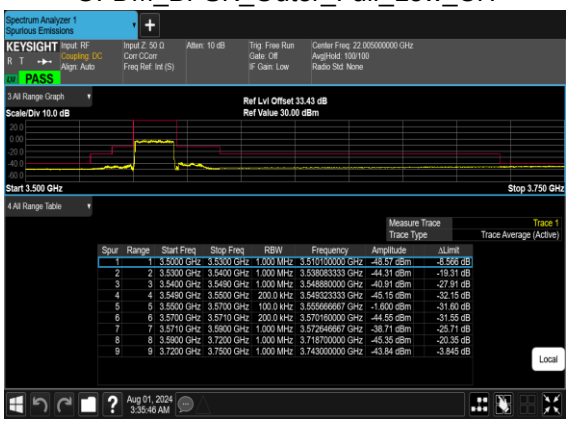
N48(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Low_CH



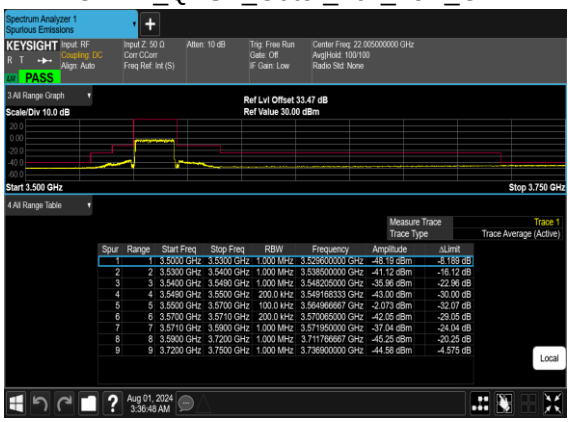
N48(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Low_CH



N48(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



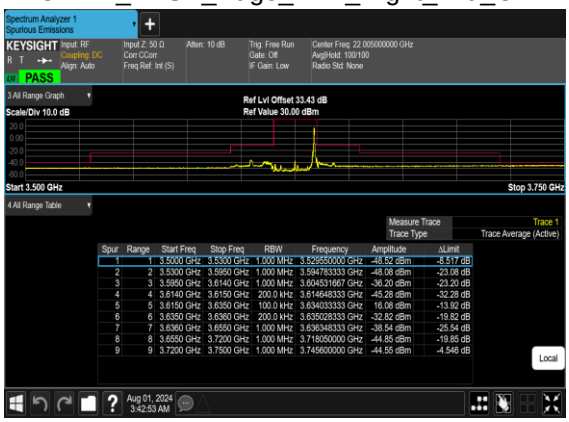
N48(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



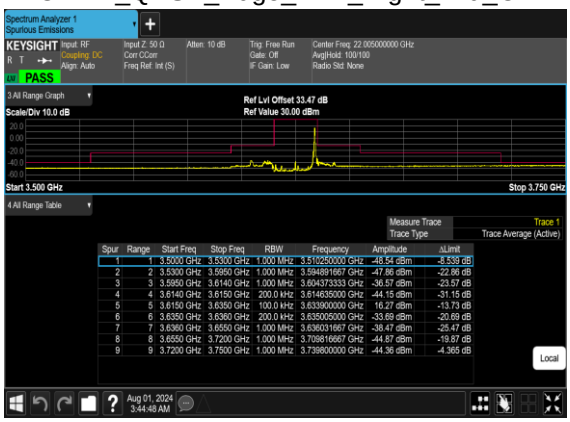
N48(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH

N48(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

N48(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Mid_CH



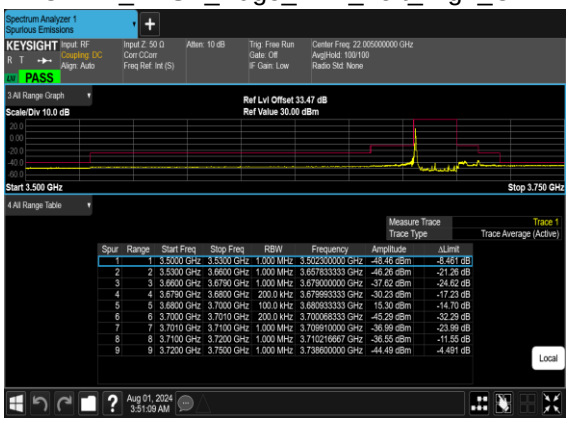
N48(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Mid_CH



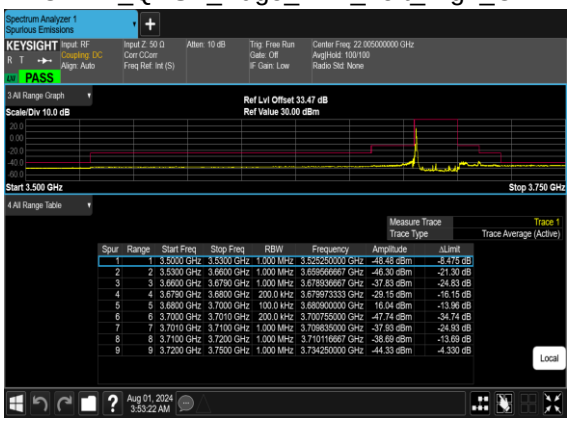
N48(20M)_DFT-s-OFDM_BPSK_Outer_Full_Mid_CH

N48(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

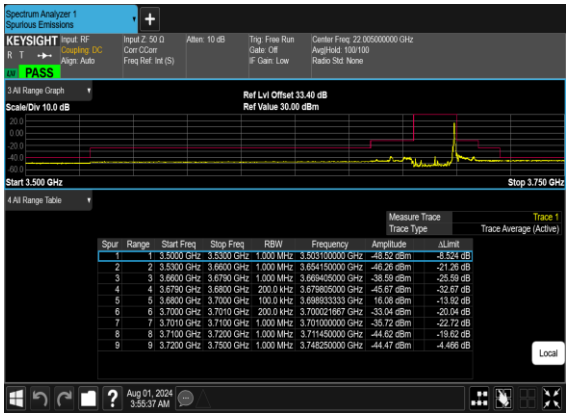
N48(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



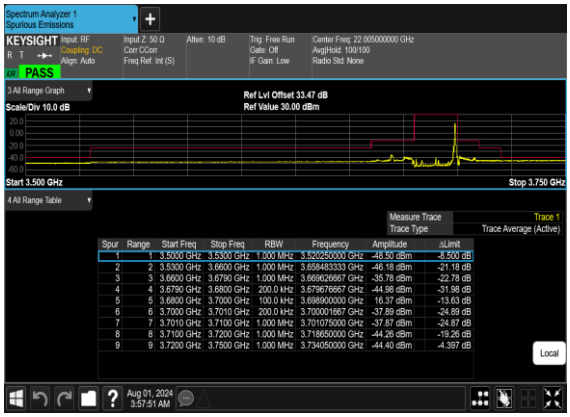
N48(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



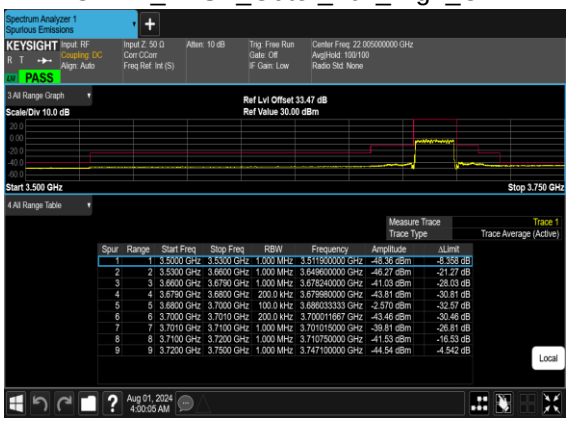
N48(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



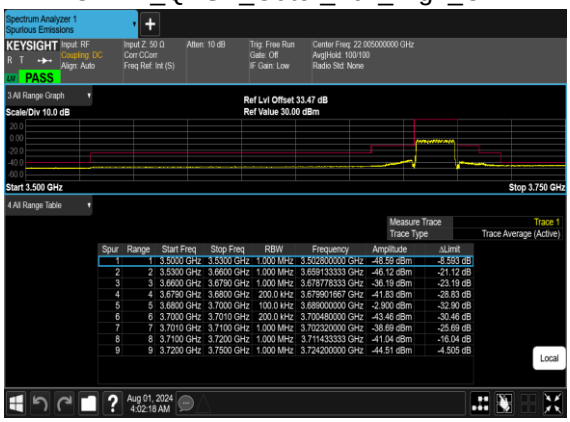
N48(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



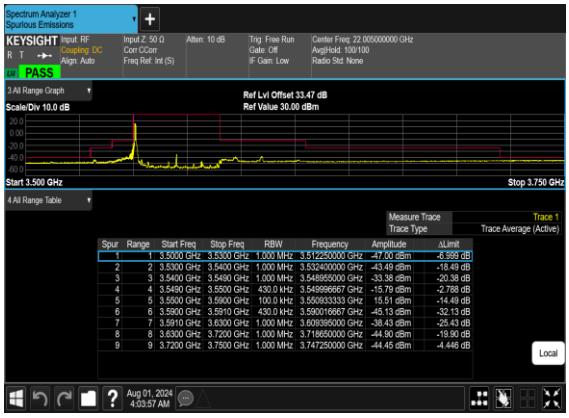
N48(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



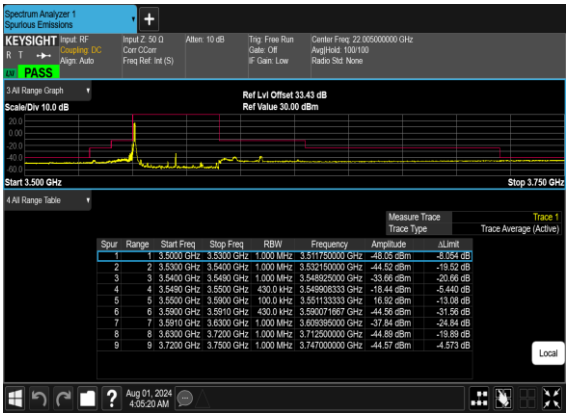
N48(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



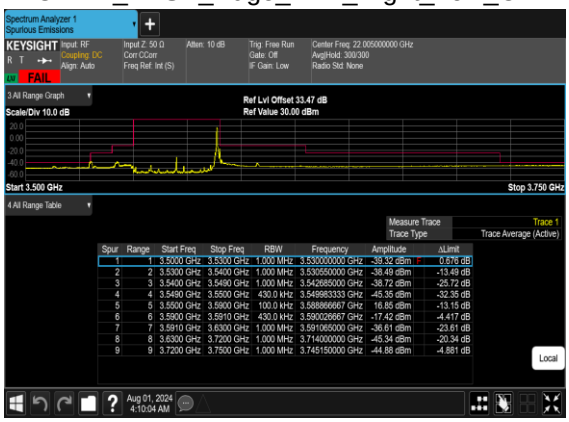
N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

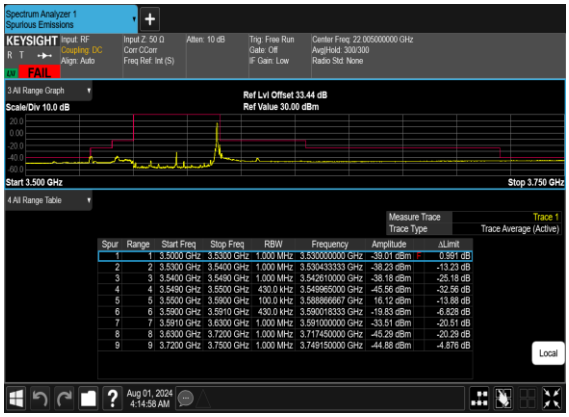


N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Low_CH



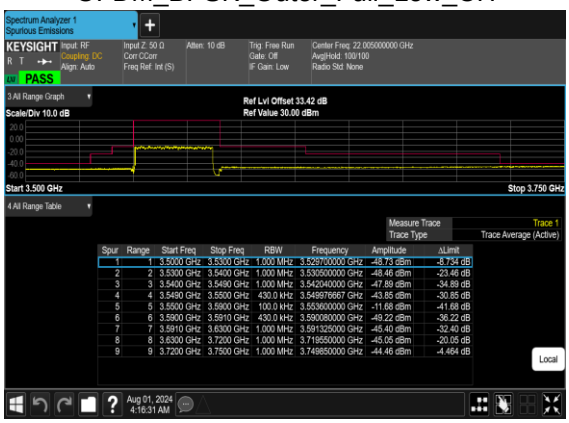
N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Low_CH_**CHP_PASS**

N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Low_CH

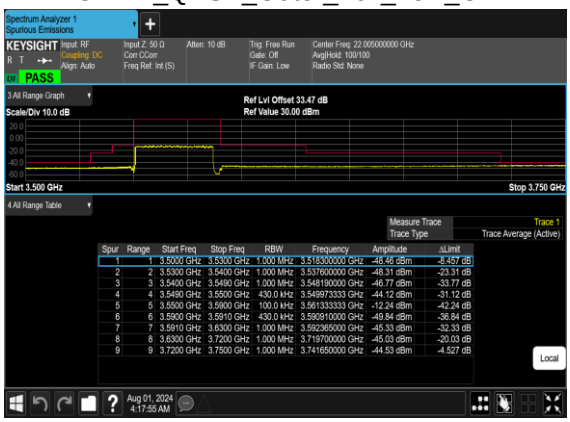


N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Low_CH_**CHP_PASS**

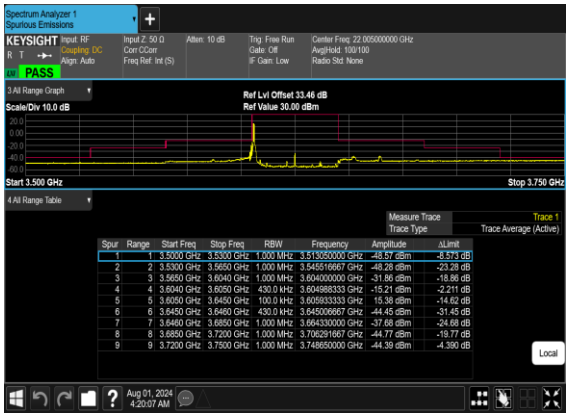
N48(40M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



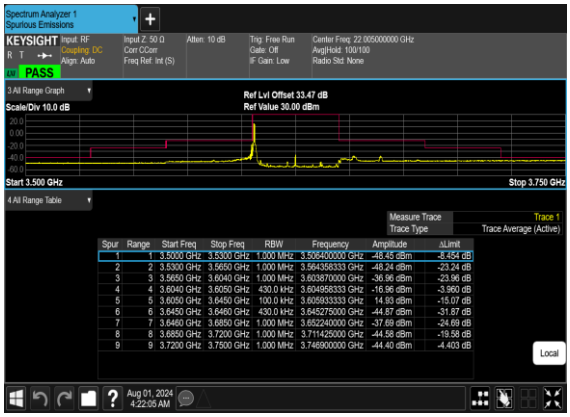
N48(40M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



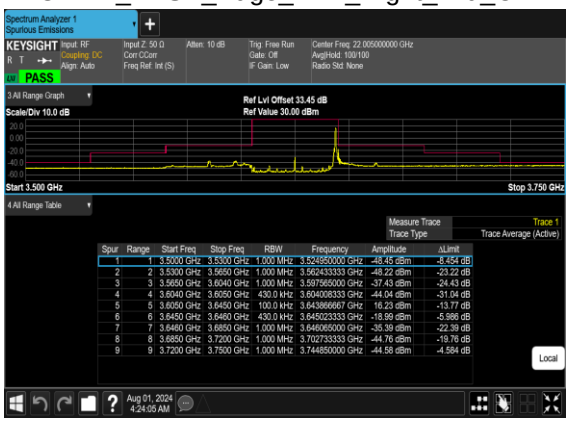
N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



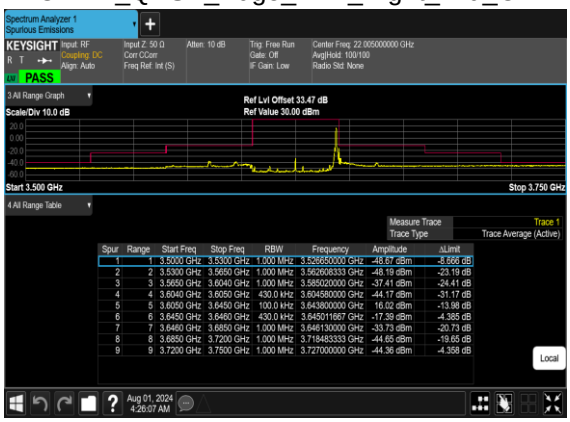
N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



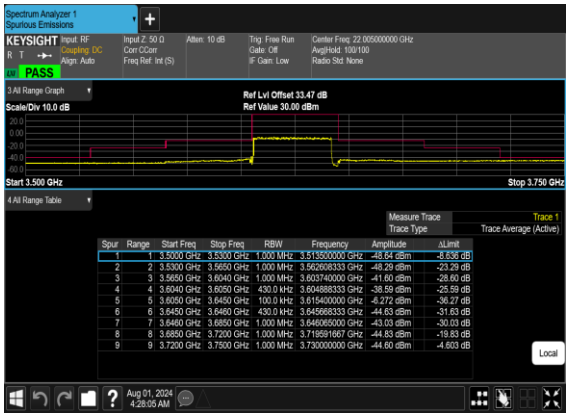
N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Mid_CH



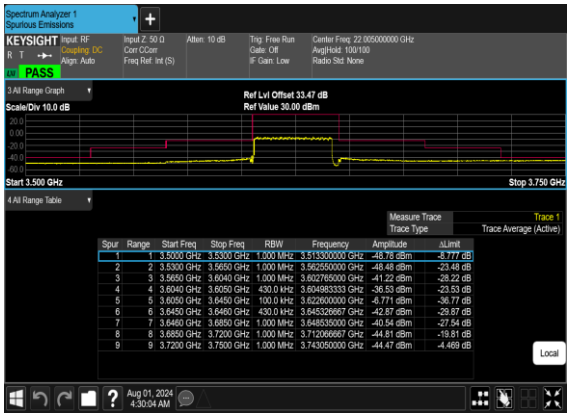
N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Mid_CH



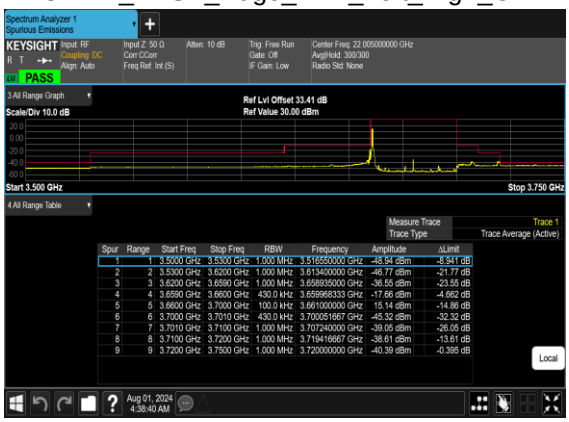
N48(40M)_DFT-s-OFDM_BPSK_Outer_Full_Mid_CH



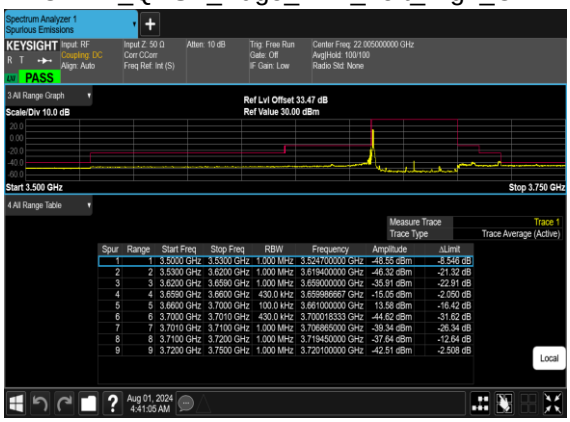
N48(40M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



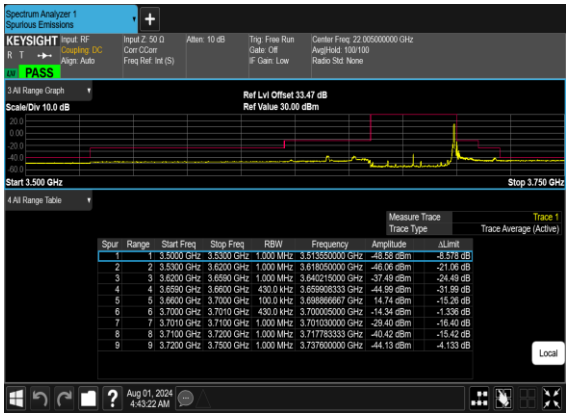
N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



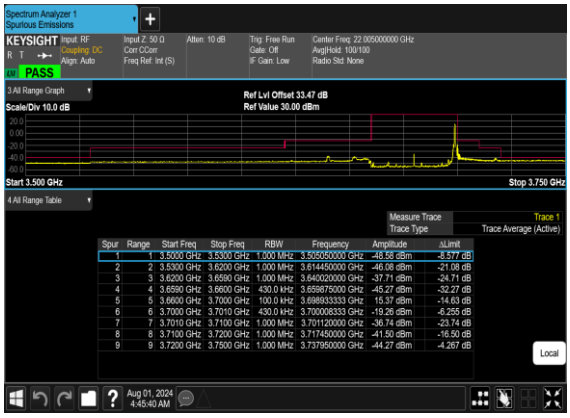
N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



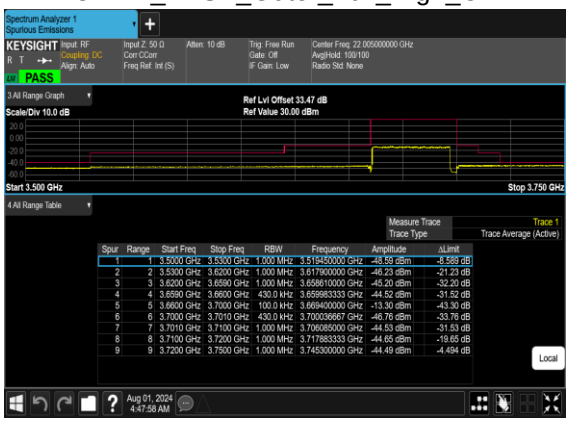
N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



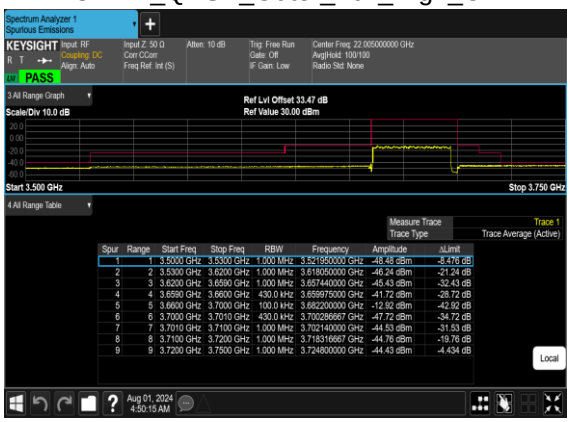
N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N48(40M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N48(40M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



Note: “CHP” means channel power integrated method.

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Bruce	Temperature :	23~25℃
		Relative Humidity :	41~42%

Note: Pre-scanned harmonic for the different antennas, we choose the worst antenna mode to perform final test and record in the report.

SA n48 / 40MHz / QPSK / ANT3								
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	7154	-59.99	-40	-19.99	-71.45	2.84	14.30	H
	10729	-52.73	-40	-12.73	-62.67	3.49	13.43	H
	14304	-51.15	-40	-11.15	-61.39	3.85	14.09	H
	7154	-57.78	-40	-17.78	-69.24	2.84	14.30	V
	10729	-57.82	-40	-17.82	-67.76	3.49	13.43	V
	14304	-56.80	-40	-16.80	-67.04	3.85	14.09	V

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