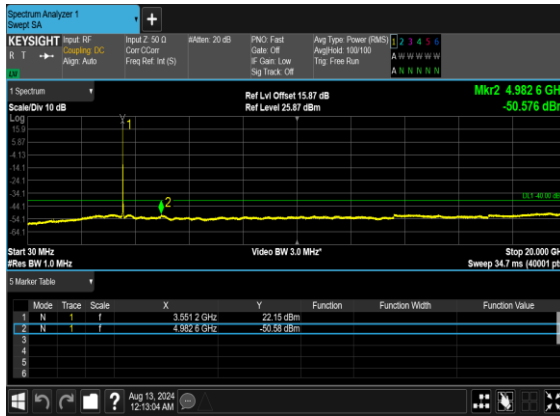


N48(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CHN48(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CHN48(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CHN48(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



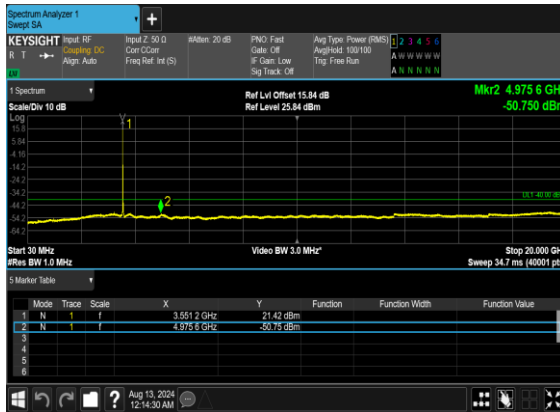
N48(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



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



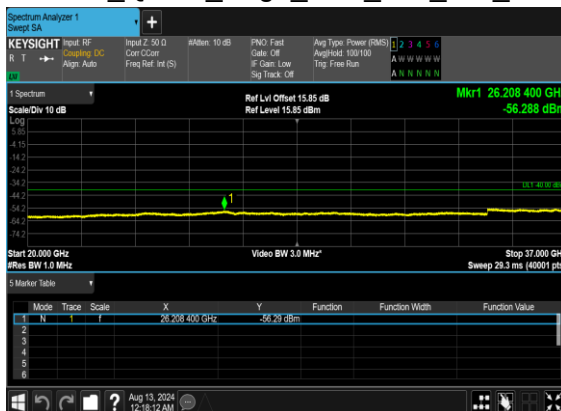
N48(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



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



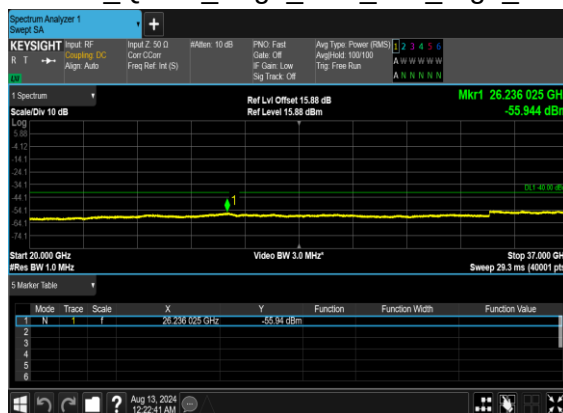
N48(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N48(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

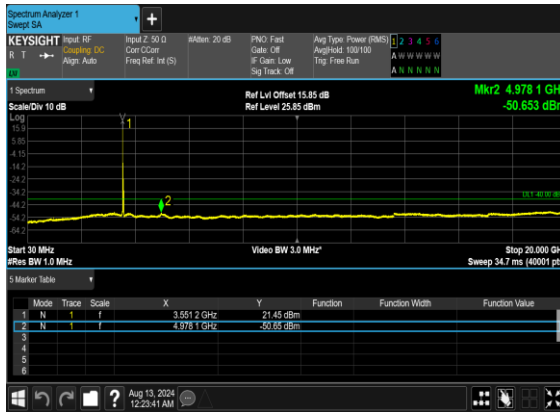


N48(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH





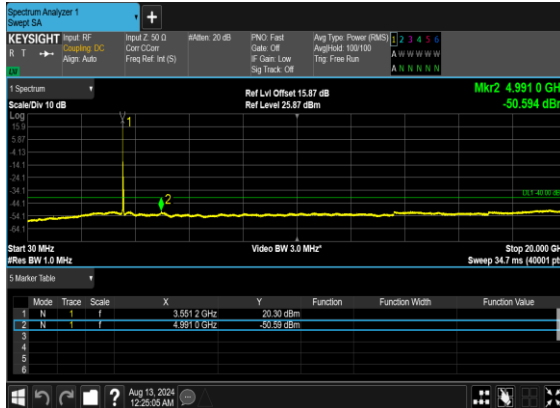
N48(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



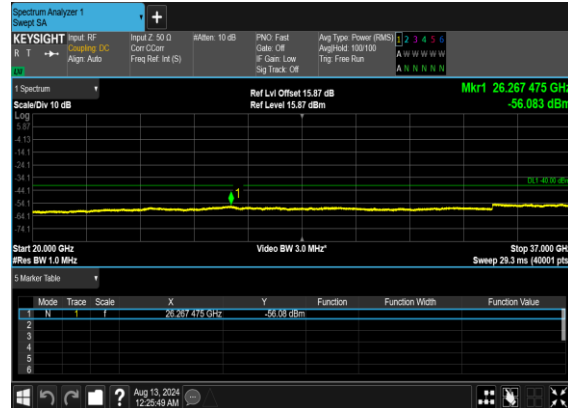
N48(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH

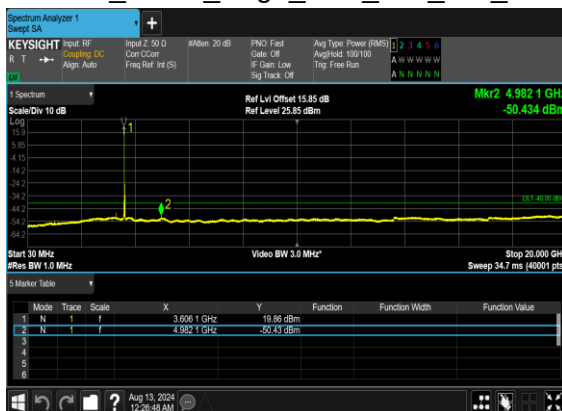
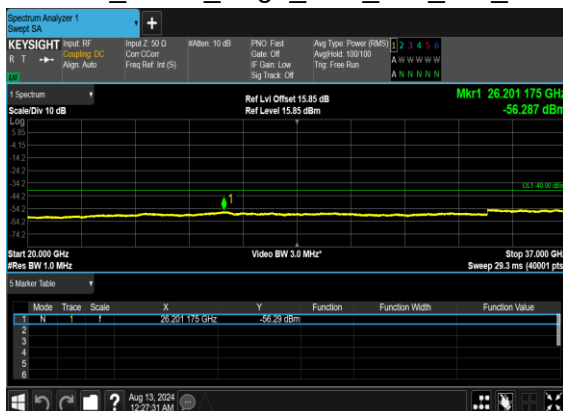
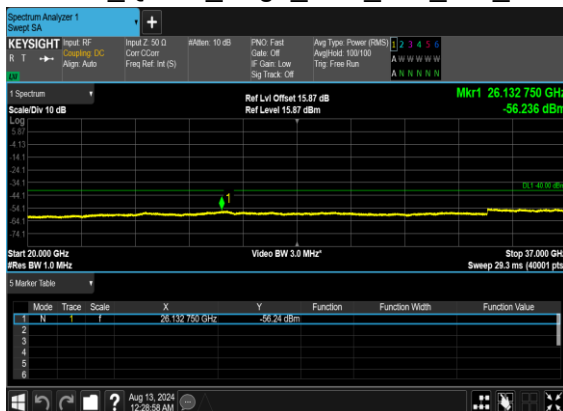


N48(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N48(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



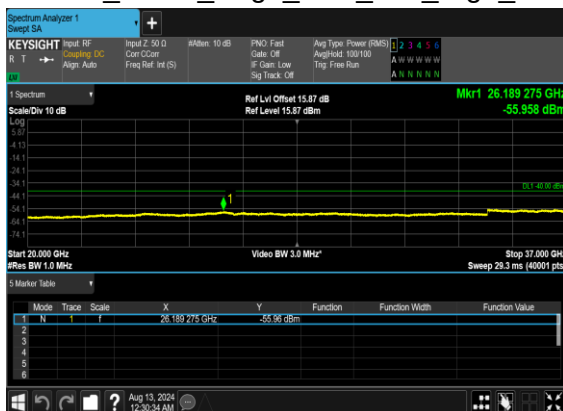
N48(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CHN48(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CHN48(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CHN48(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N48(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



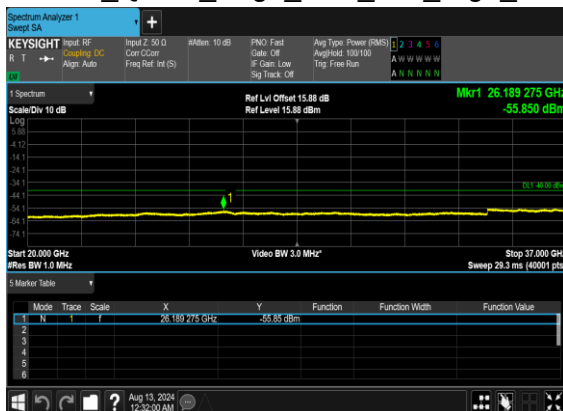
N48(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



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



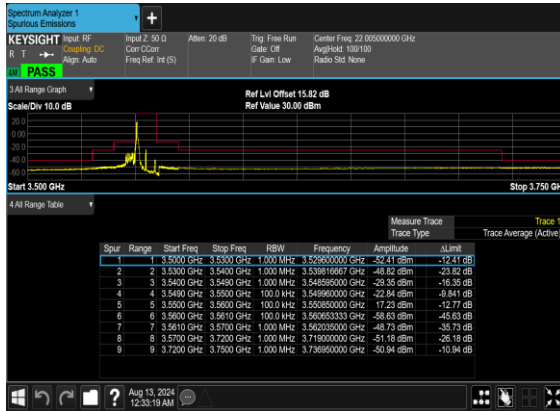
48	30	20	637334	3560.01	DFT-s-OFDM BPSK	1@50	see graph	PASS
48	30	20	637334	3560.01	DFT-s-OFDM QPSK	1@50	see graph	PASS
48	30	20	637334	3560.01	DFT-s-OFDM BPSK	50@0	see graph	PASS
48	30	20	637334	3560.01	DFT-s-OFDM QPSK	50@0	see graph	PASS
48	30	20	641666	3624.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
48	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



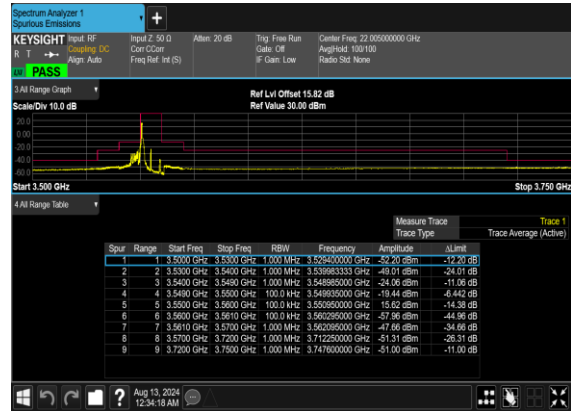
48	30	40	641666	3624.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
48	30	40	641666	3624.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
48	30	40	641666	3624.99	DFT-s-OFDM BPSK	1@105	see graph	PASS
48	30	40	641666	3624.99	DFT-s-OFDM QPSK	1@105	see graph	PASS
48	30	40	641666	3624.99	DFT-s-OFDM BPSK	100@0	see graph	PASS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



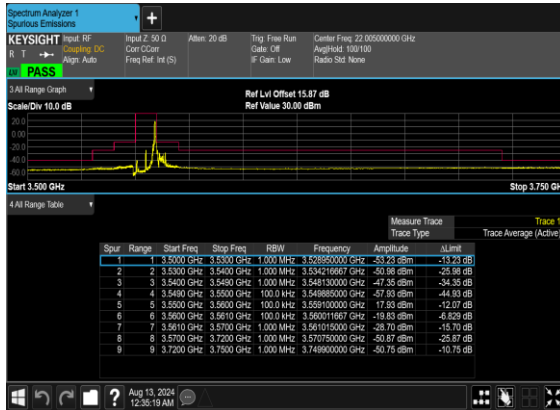
N48(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



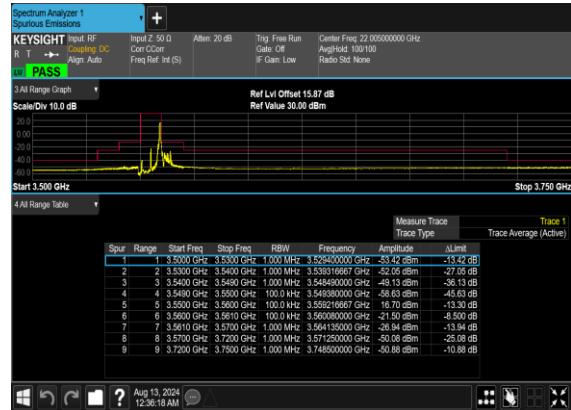
N48(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N48(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_Low_CH

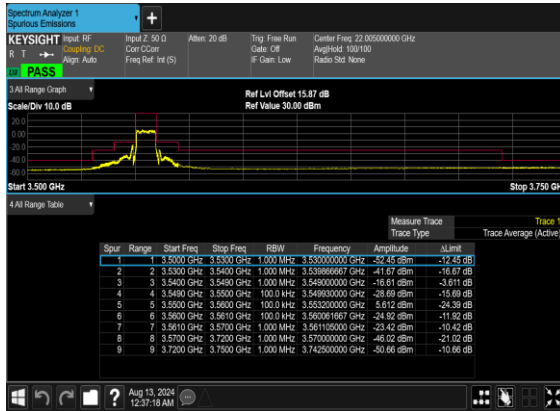


N48(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_Low_CH

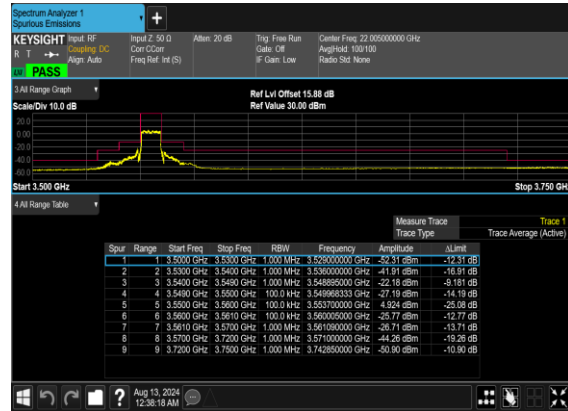




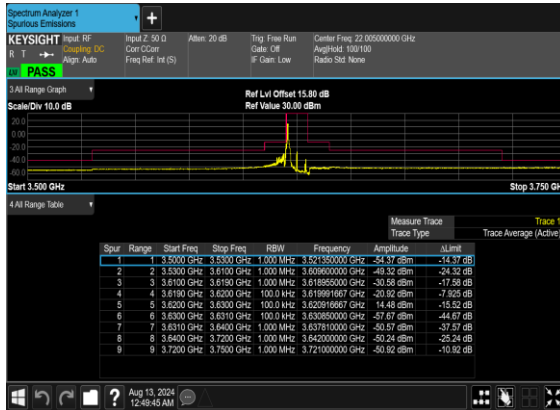
N48(10M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



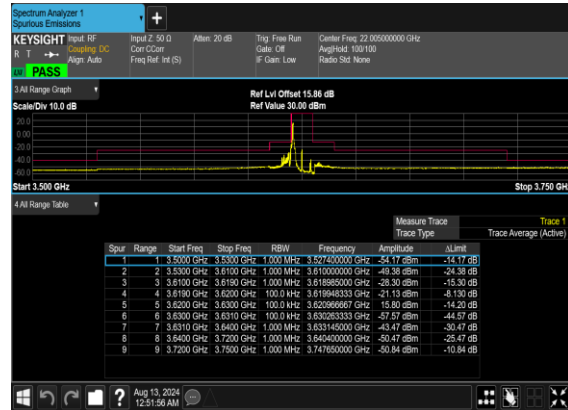
N48(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



N48(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH

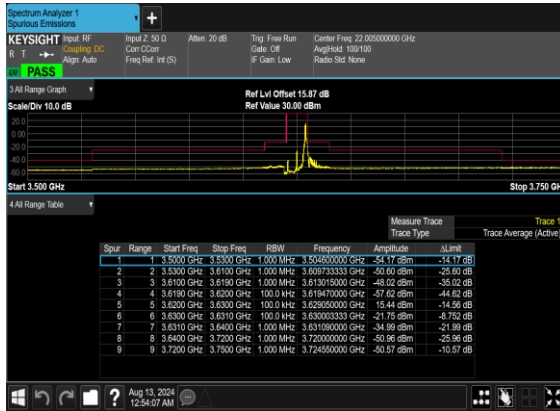


N48(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

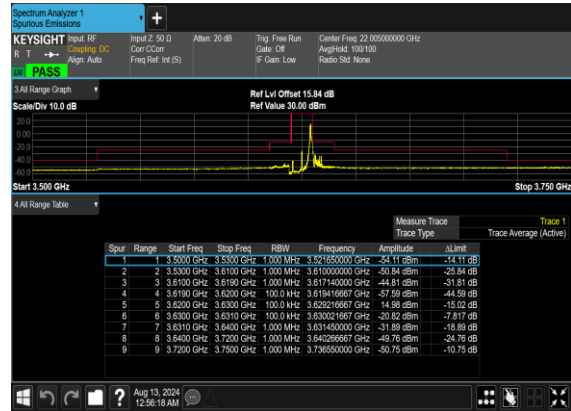




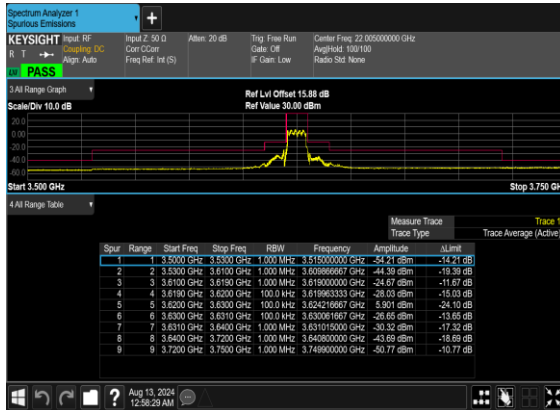
N48(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_Mid_CH



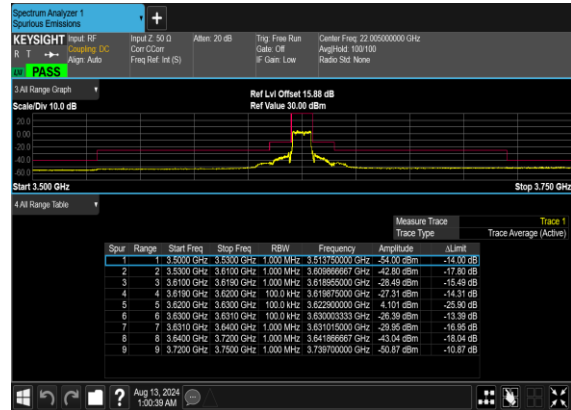
N48(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_Mid_CH



N48(10M)_DFT-s-
OFDM_BPSK_Outer_Full_Mid_CH

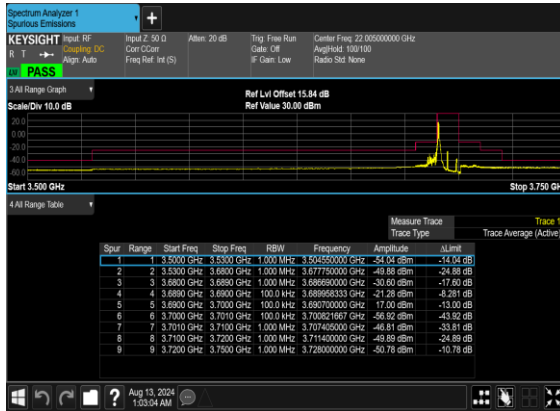


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OFDM_QPSK_Outer_Full_Mid_CH

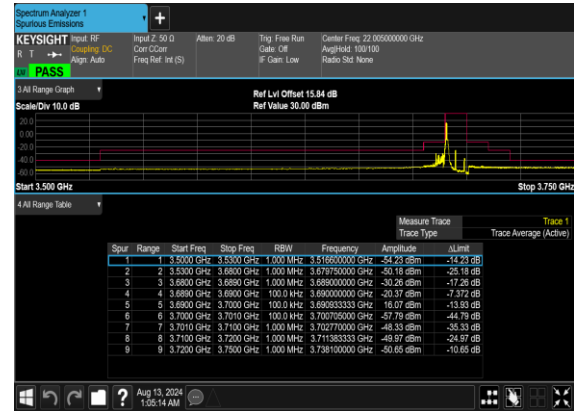




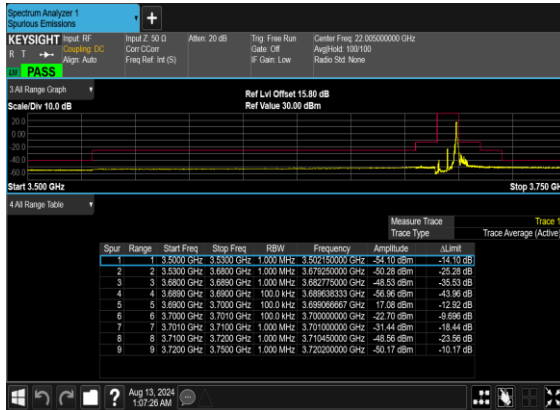
N48(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



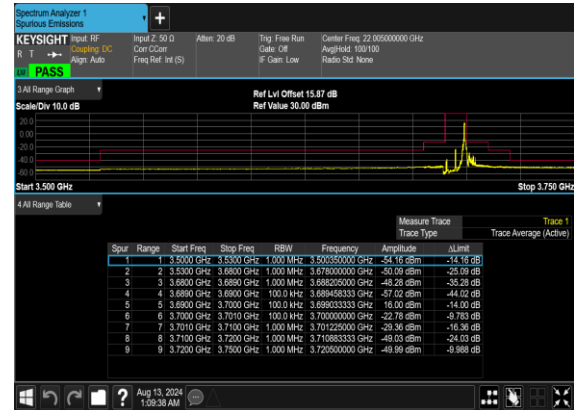
N48(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



N48(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH

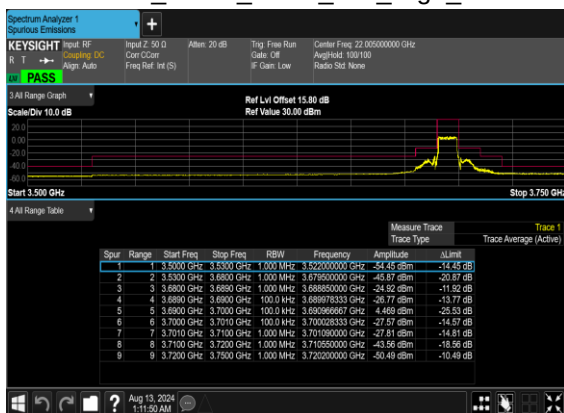


N48(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH

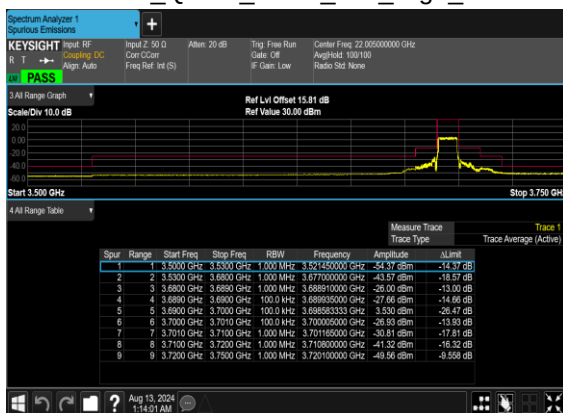




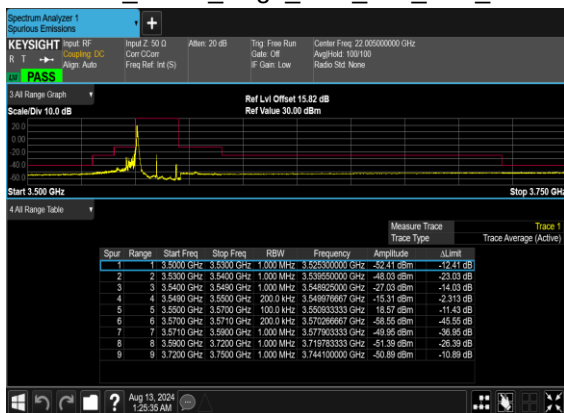
N48(10M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



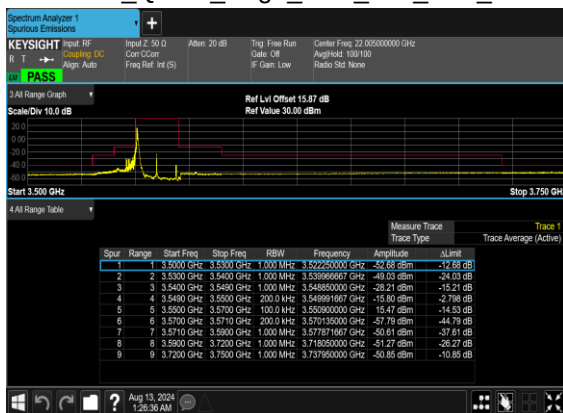
N48(10M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



N48(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH

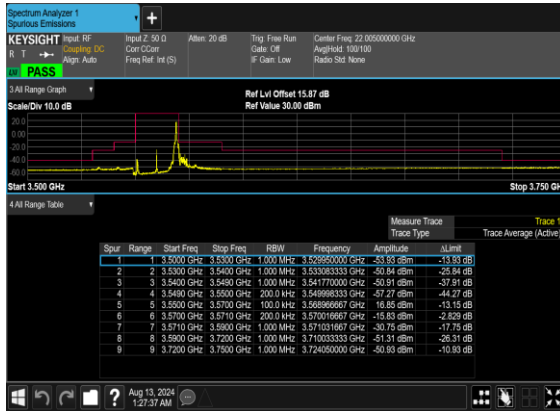


N48(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

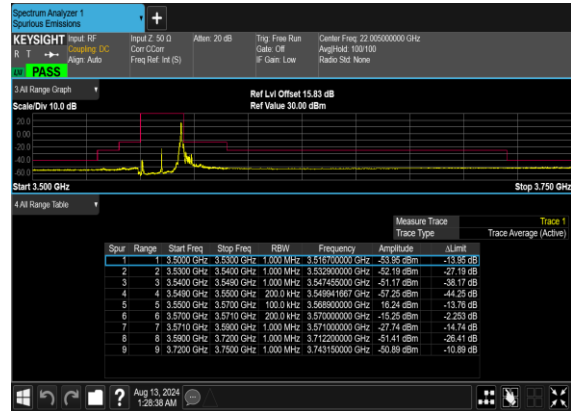




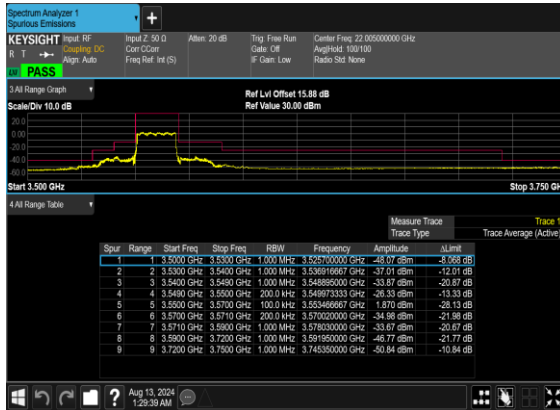
N48(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_Low_CH



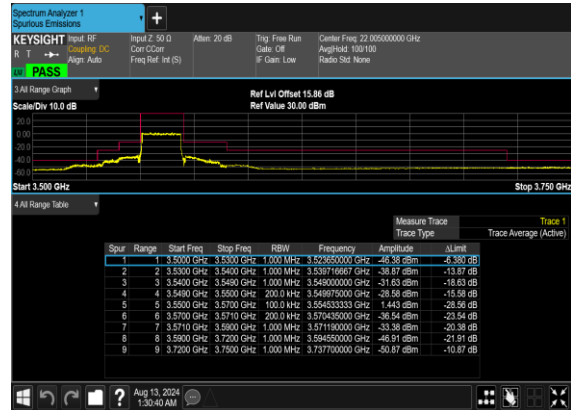
N48(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_Low_CH



N48(20M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

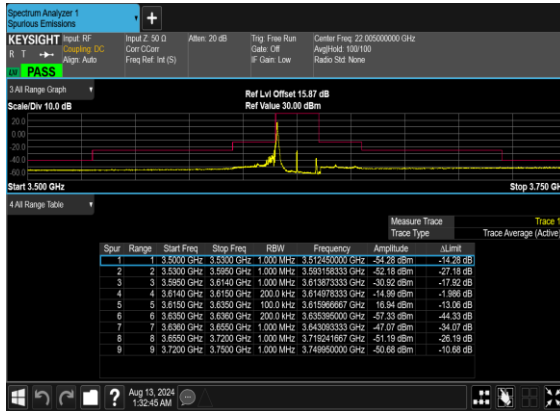


N48(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

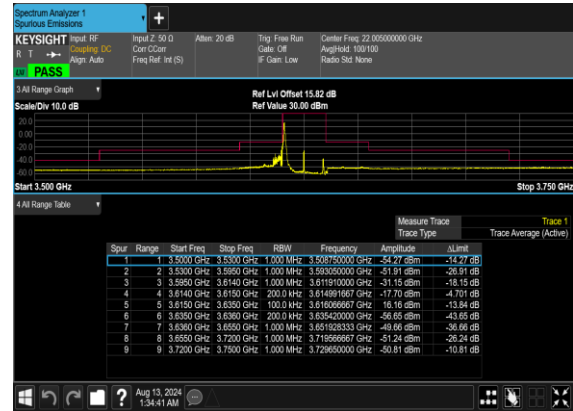




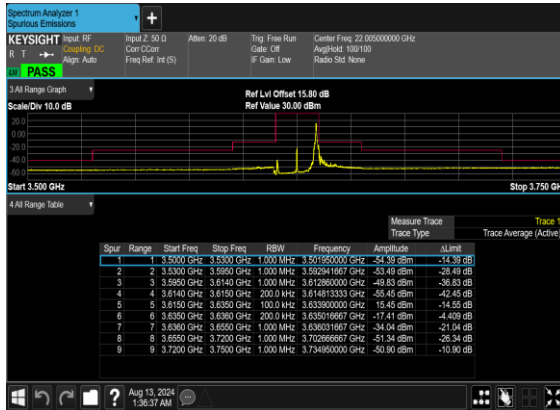
N48(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



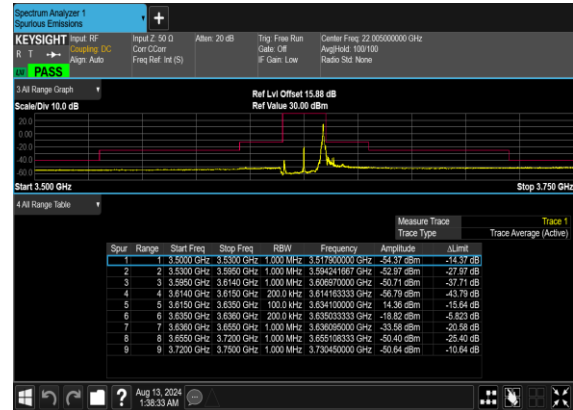
N48(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N48(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_Mid_CH

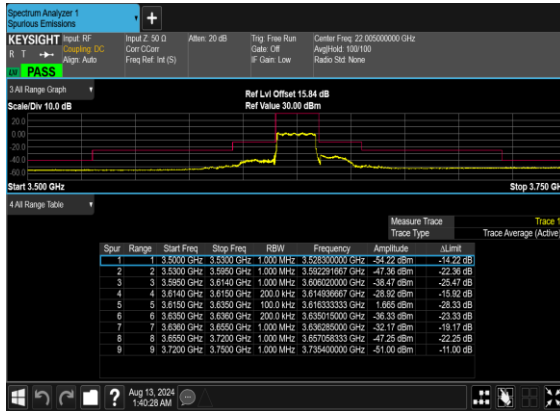


N48(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_Mid_CH

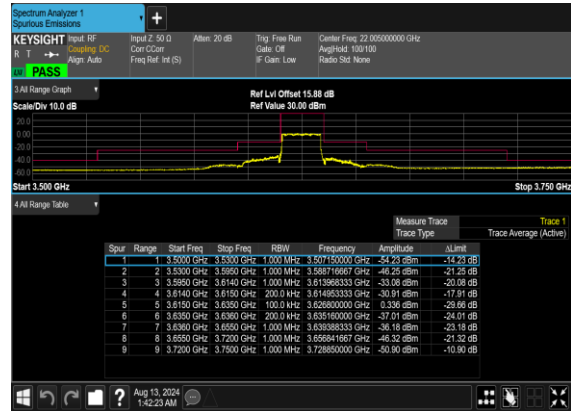




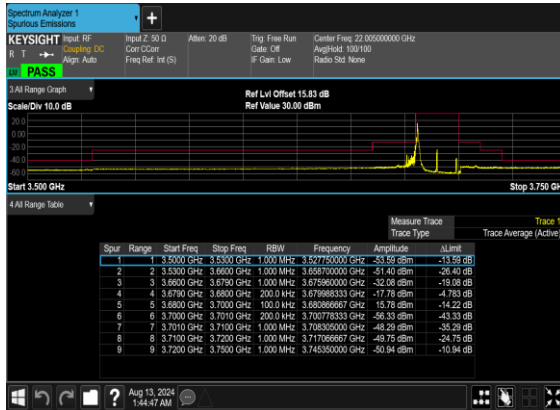
N48(20M)_DFT-s-
OFDM_BPSK_Outer_Full_Mid_CH



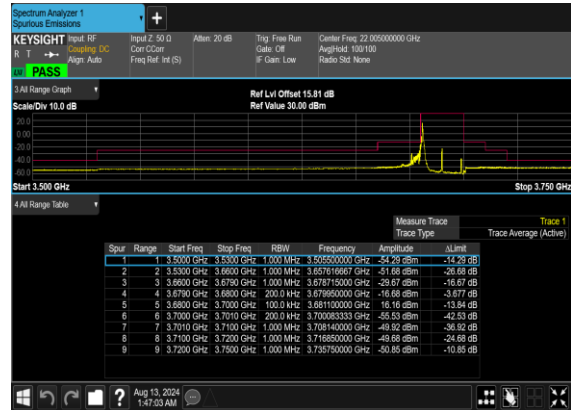
N48(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



N48(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH

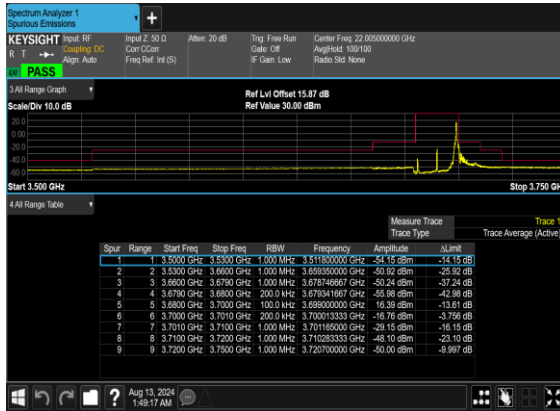


N48(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

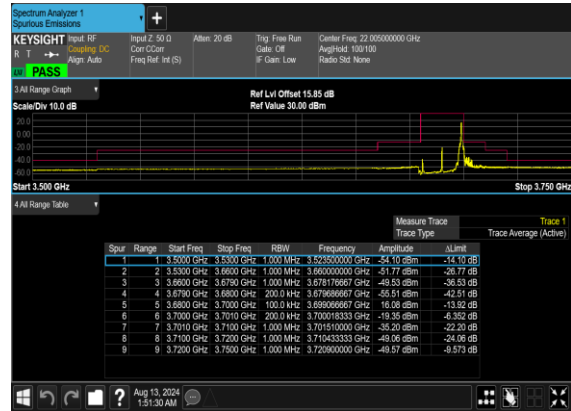




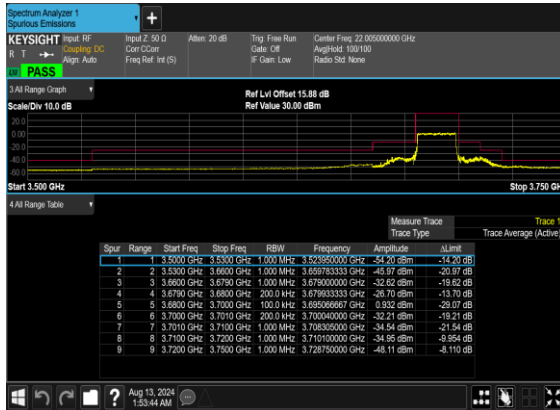
N48(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



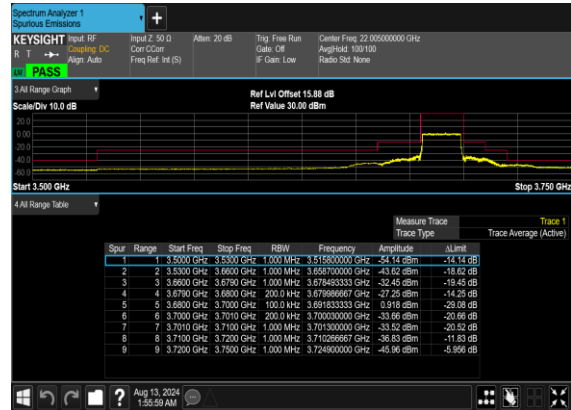
N48(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N48(20M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

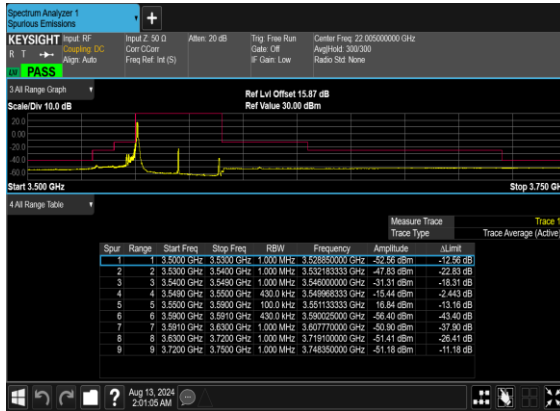


N48(20M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

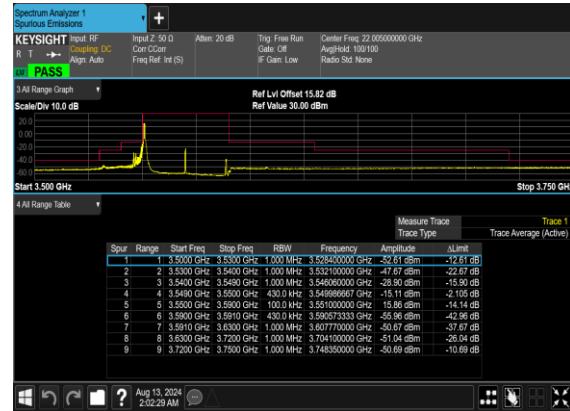




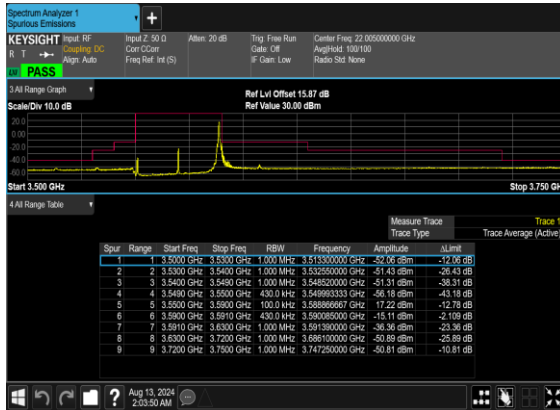
N48(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



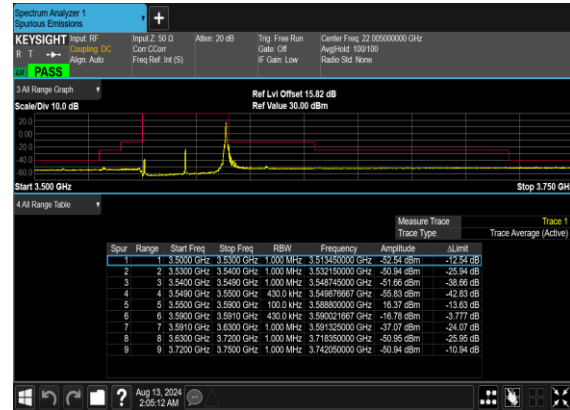
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OFDM_QPSK_Edge_1RB_Left_Low_CH



N48(40M)_DFT-s-
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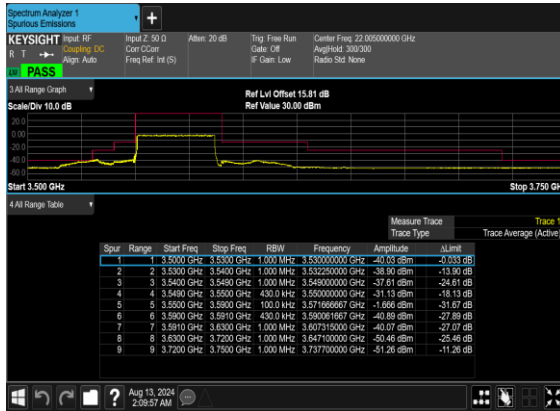


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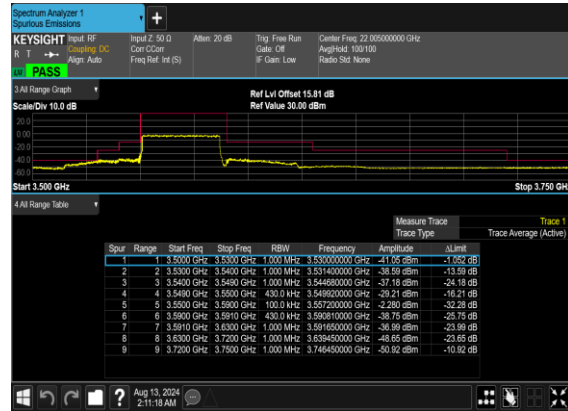




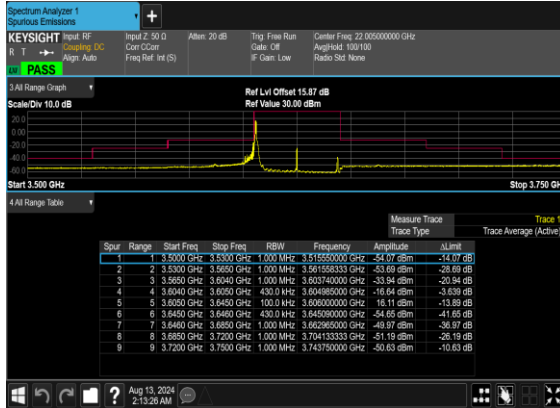
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OFDM_BPSK_Outer_Full_Low_CH



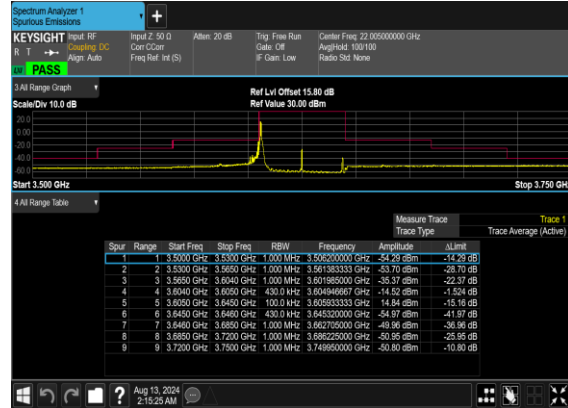
N48(40M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



N48(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH

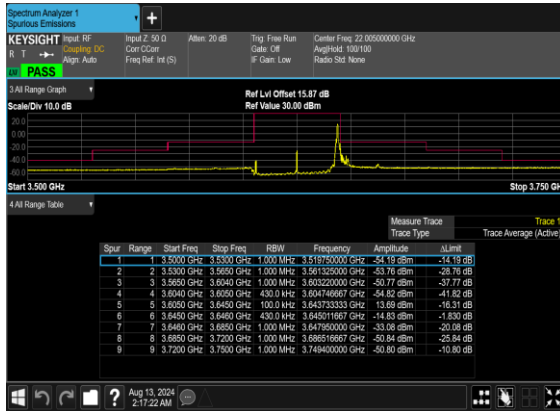


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OFDM_QPSK_Edge_1RB_Left_Mid_CH





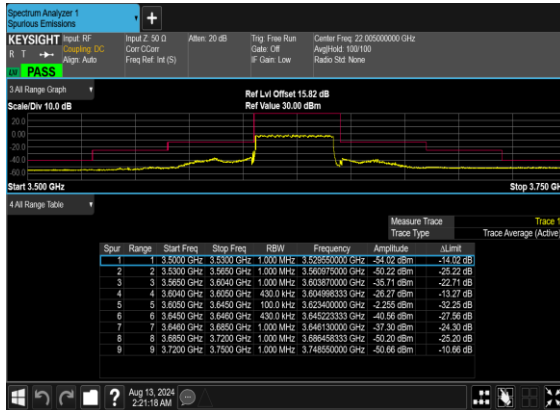
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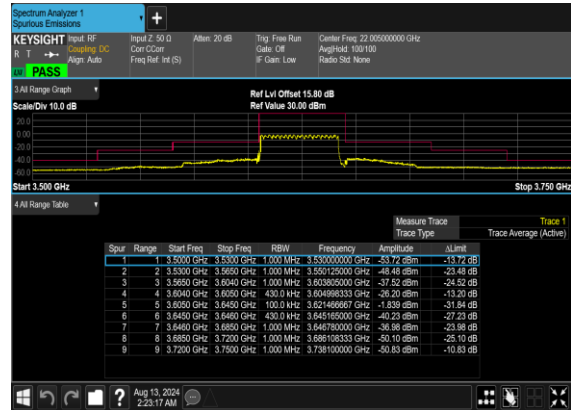
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N48(40M)_DFT-s-
OFDM_BPSK_Outer_Full_Mid_CH

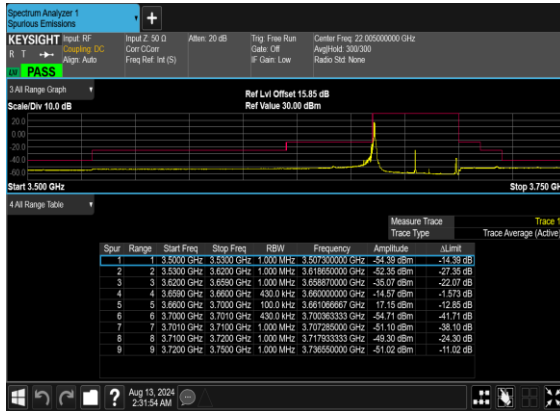


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OFDM_QPSK_Outer_Full_Mid_CH

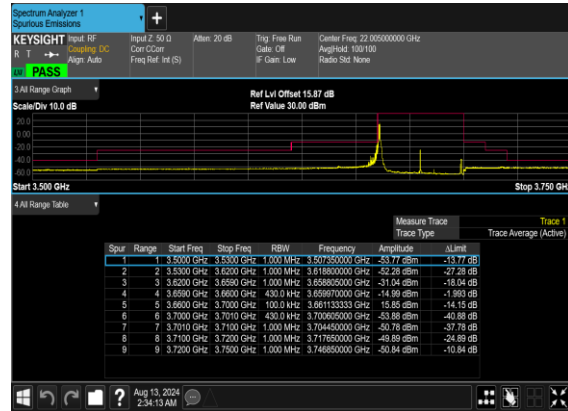




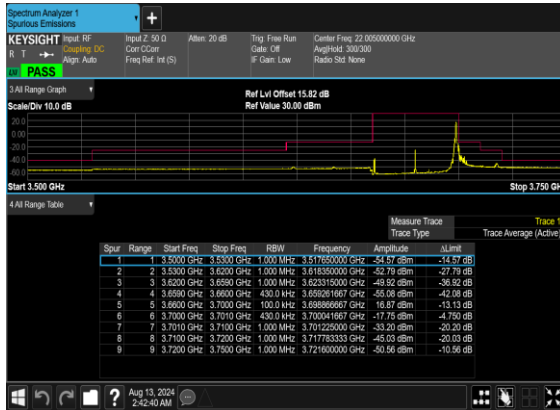
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OFDM_BPSK_Edge_1RB_Left_High_CH



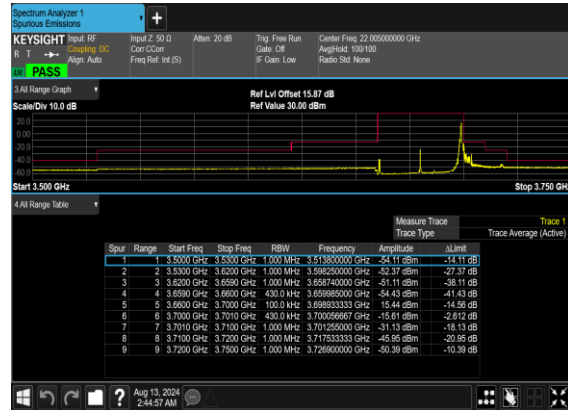
N48(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



N48(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH

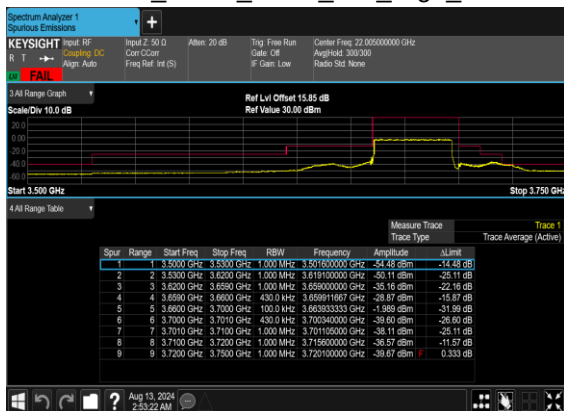


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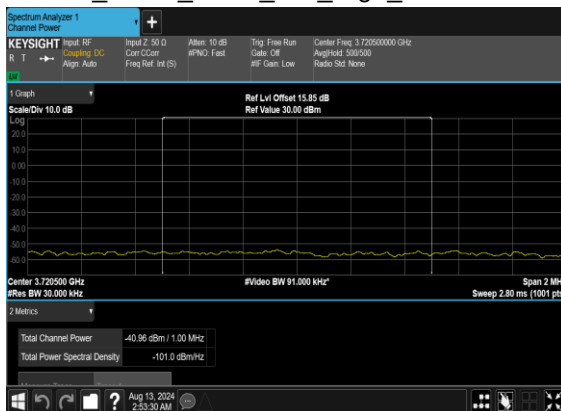




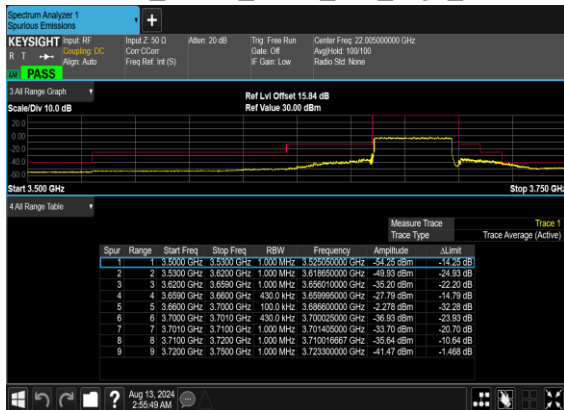
N48(40M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



N48(40M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH_CHP_PASS



N48(40M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH





Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Jia Kuang	Temperature :	22~25°C
		Relative Humidity :	48~52%

SA n48 / 40MHz / QPSK / ANT3									
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	-57.00	-40	-17.00	-65.61	-60.30	8.30	11.60	H
	10818.69	-54.58	-40	-14.58	-68.21	-56.10	10.48	12.00	H
	14424.92	-53.62	-40	-13.62	-69.79	-55.32	11.80	13.50	H
	7212.46	-47.23	-40	-7.23	-57.97	-50.53	8.30	11.60	V
	10818.69	-44.44	-40	-4.44	-59.68	-45.96	10.48	12.00	V
	14424.92	-53.93	-40	-13.93	-69.66	-55.63	11.80	13.50	V

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