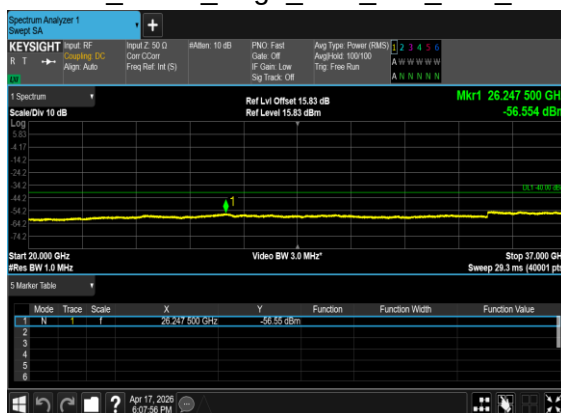




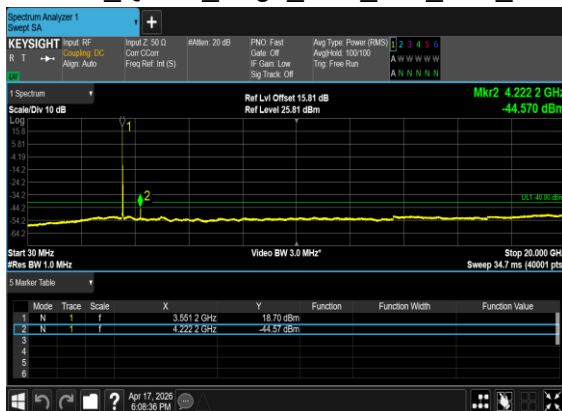
N48(30M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N48(30M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N48(30M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N48(30M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

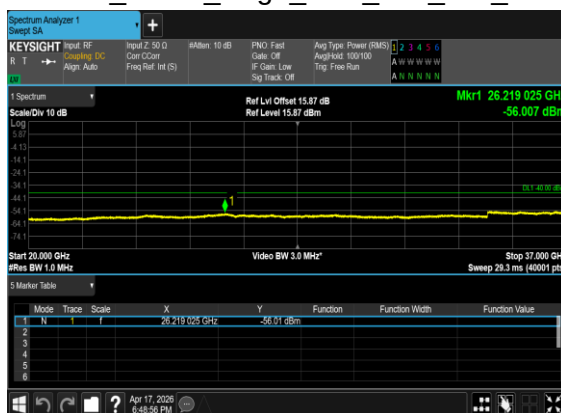




N48(30M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



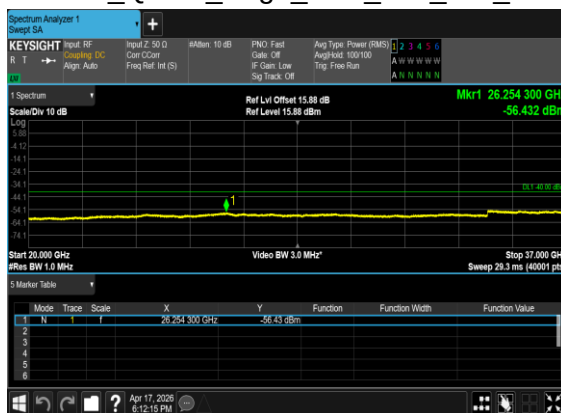
N48(30M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N48(30M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

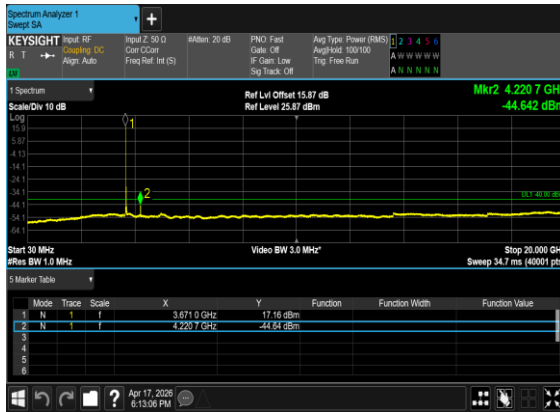


N48(30M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

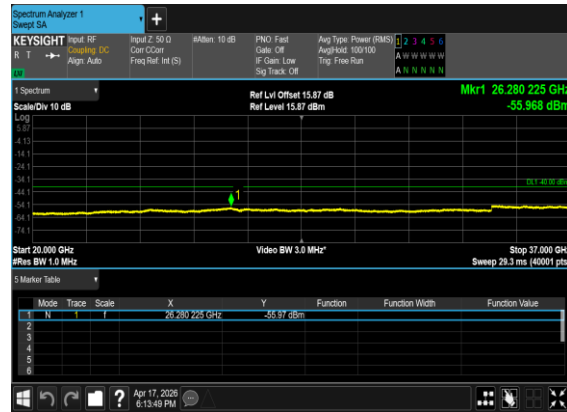




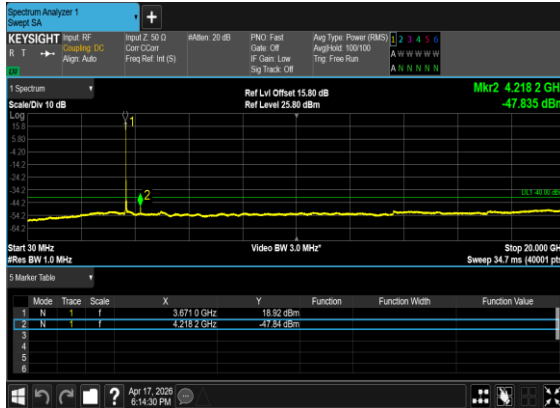
N48(30M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N48(30M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N48(30M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



N48(30M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

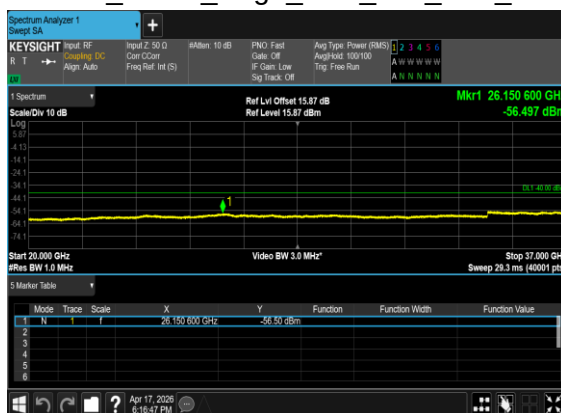




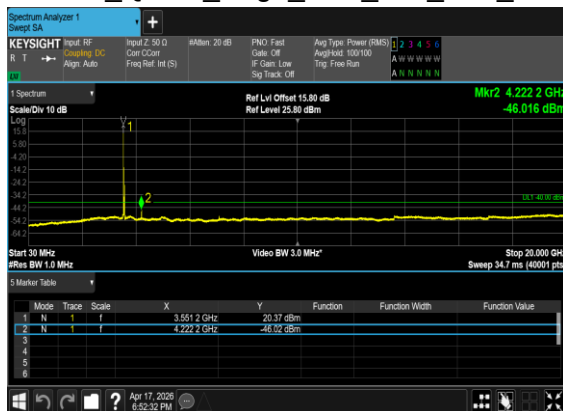
N48(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



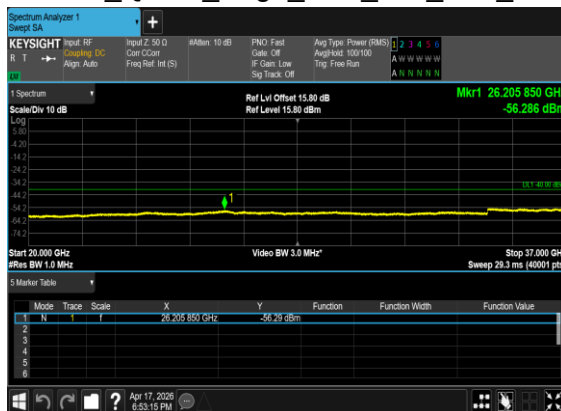
N48(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



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





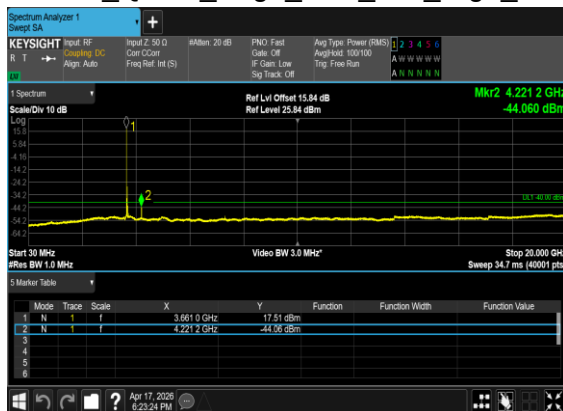
N48(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



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**

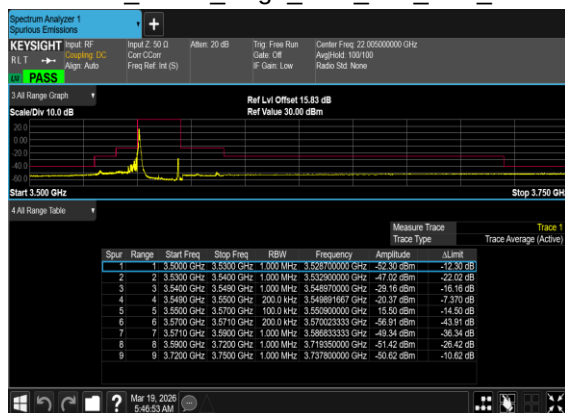
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
48	30	20	637334	3560.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
48	30	20	637334	3560.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
48	30	20	637334	3560.01	DFT-s-OFDM BPSK	1@50	see graph	PASS
48	30	20	637334	3560.01	DFT-s-OFDM QPSK	1@50	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	30	637668	3565.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
48	30	30	637668	3565.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
48	30	30	637668	3565.02	DFT-s-OFDM BPSK	1@77	see graph	PASS
48	30	30	637668	3565.02	DFT-s-OFDM QPSK	1@77	see graph	PASS
48	30	30	637668	3565.02	DFT-s-OFDM BPSK	75@0	see graph	PASS
48	30	30	637668	3565.02	DFT-s-OFDM QPSK	75@0	see graph	PASS
48	30	30	641666	3624.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
48	30	30	641666	3624.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
48	30	30	641666	3624.99	DFT-s-OFDM BPSK	1@77	see graph	PASS
48	30	30	641666	3624.99	DFT-s-OFDM QPSK	1@77	see graph	PASS
48	30	30	641666	3624.99	DFT-s-OFDM BPSK	75@0	see graph	PASS
48	30	30	641666	3624.99	DFT-s-OFDM QPSK	75@0	see graph	PASS



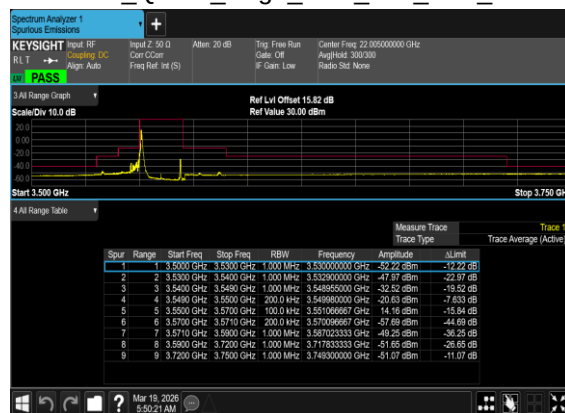
48	30	30	645666	3684.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
48	30	30	645666	3684.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
48	30	30	645666	3684.99	DFT-s-OFDM BPSK	1@77	see graph	PASS
48	30	30	645666	3684.99	DFT-s-OFDM QPSK	1@77	see graph	PASS
48	30	30	645666	3684.99	DFT-s-OFDM BPSK	75@0	see graph	PASS
48	30	30	645666	3684.99	DFT-s-OFDM QPSK	75@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



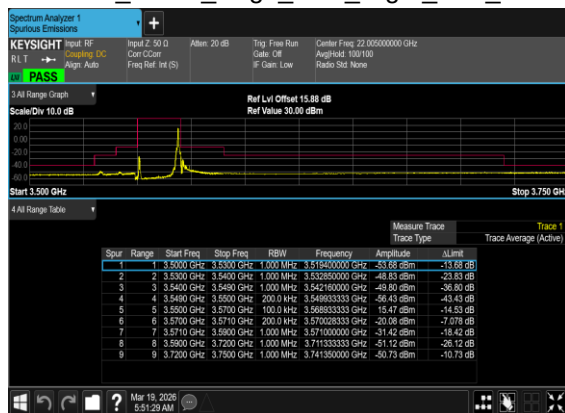
N48(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



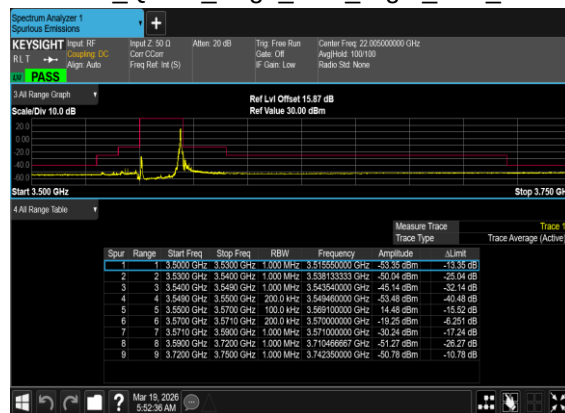
N48(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N48(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_Low_CH

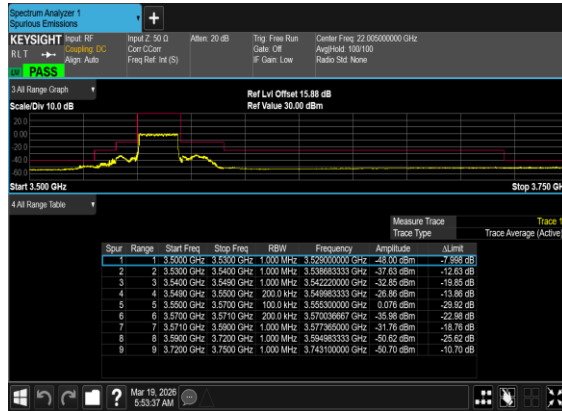


N48(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_Low_CH

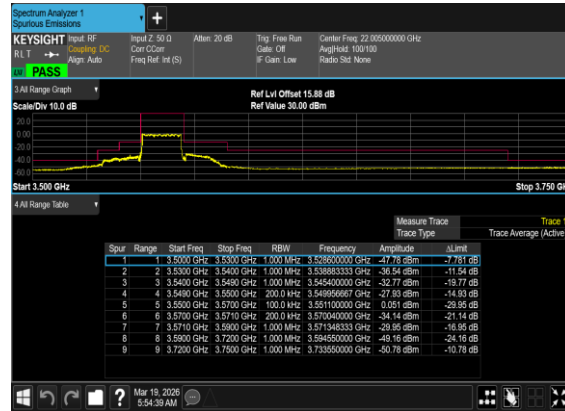




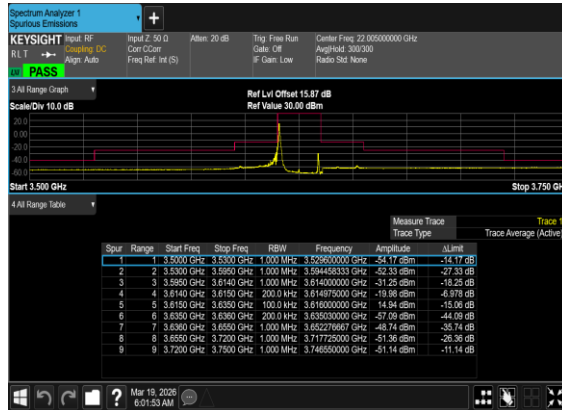
N48(20M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



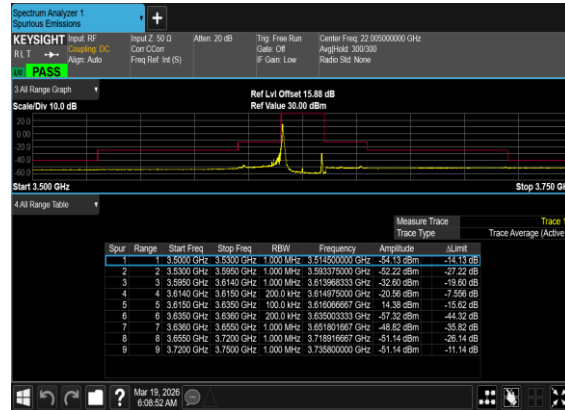
N48(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



N48(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH

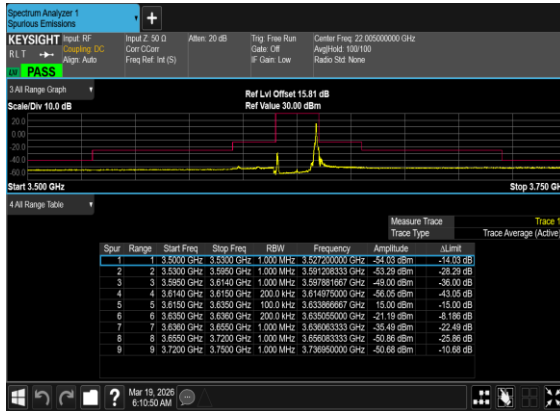


N48(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

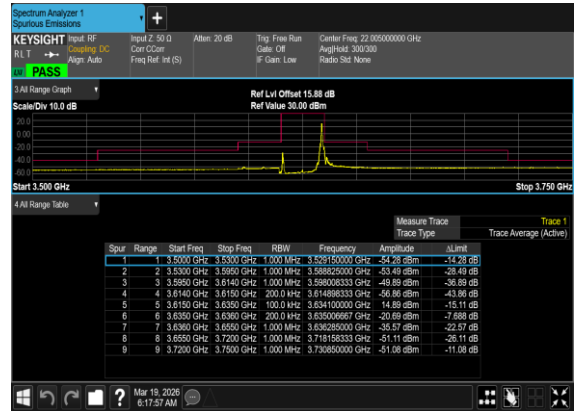




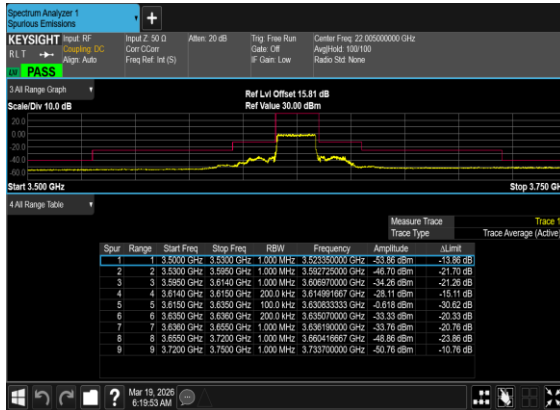
N48(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_Mid_CH



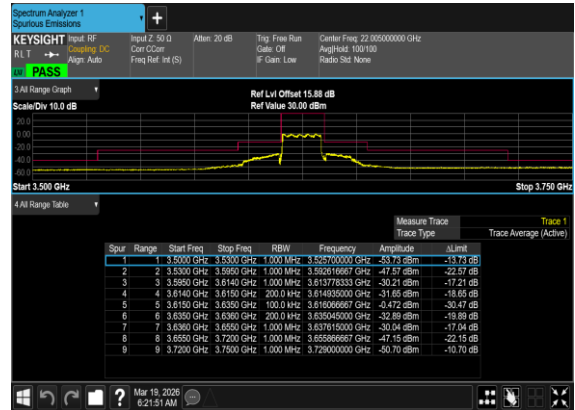
N48(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_Mid_CH



N48(20M)_DFT-s-
OFDM_BPSK_Outer_Full_Mid_CH

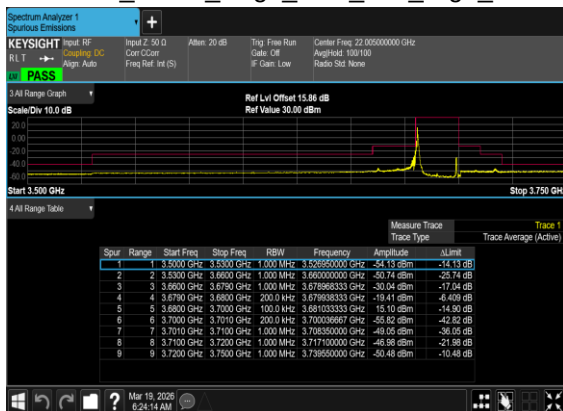


N48(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH

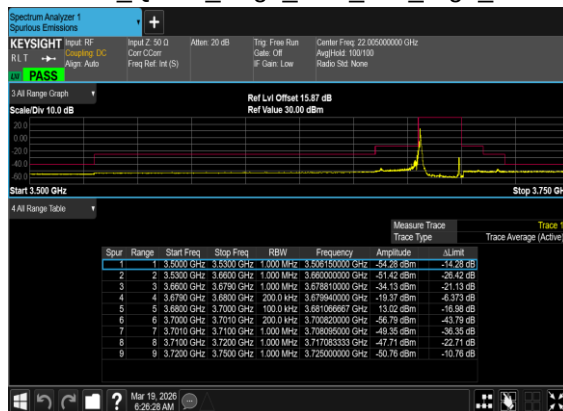




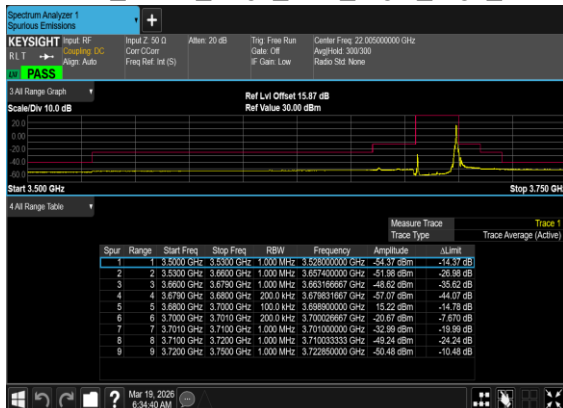
N48(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



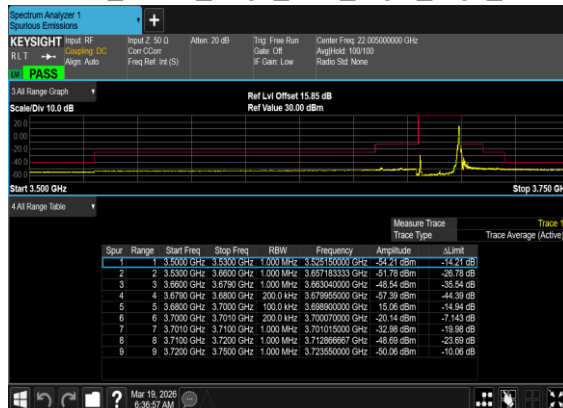
N48(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



N48(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH

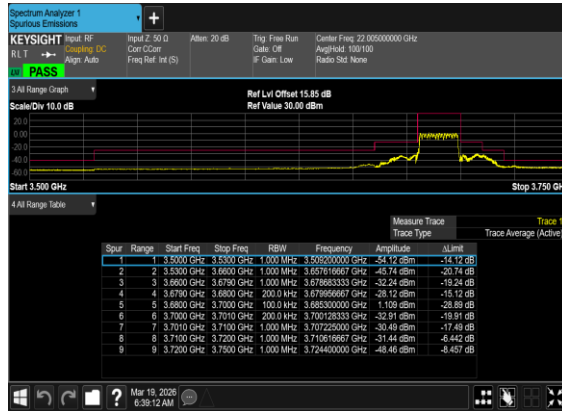


N48(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH

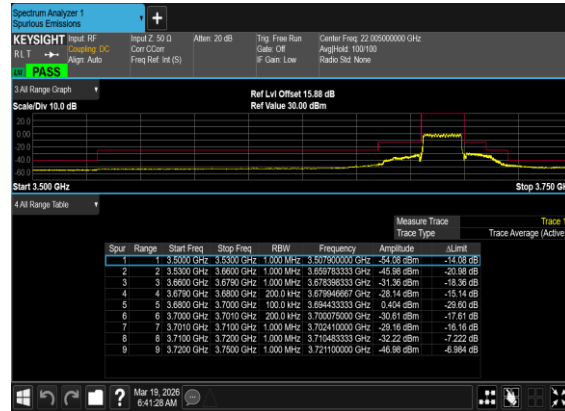




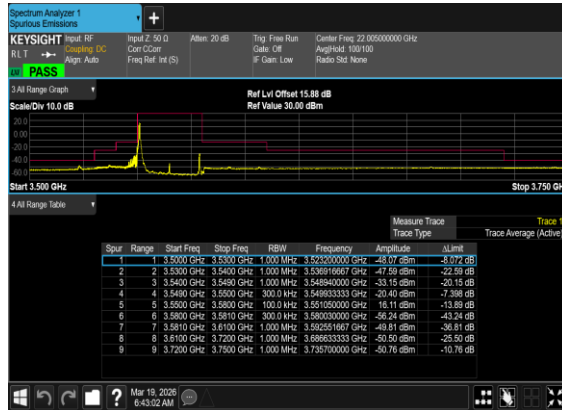
N48(20M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



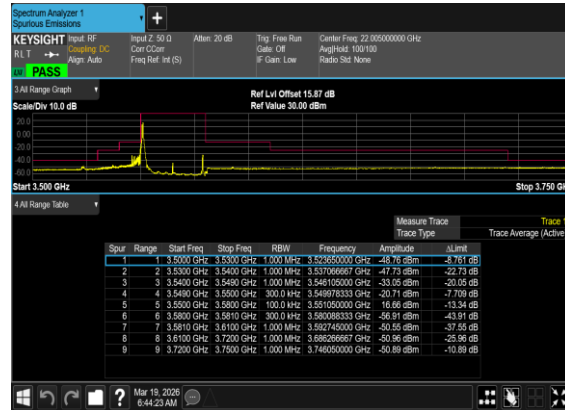
N48(20M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



N48(30M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH

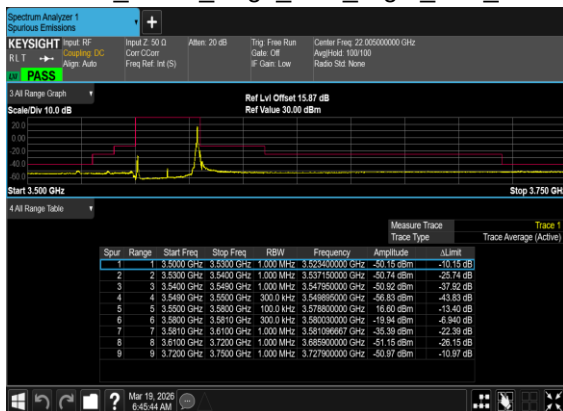


N48(30M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

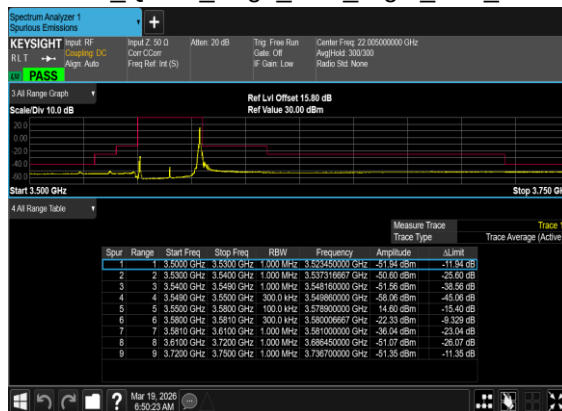




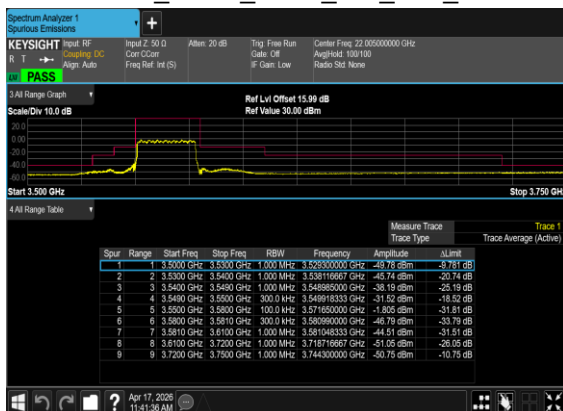
N48(30M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_Low_CH



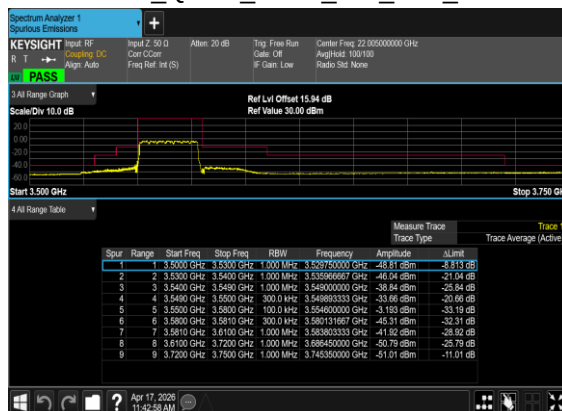
N48(30M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_Low_CH



N48(30M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

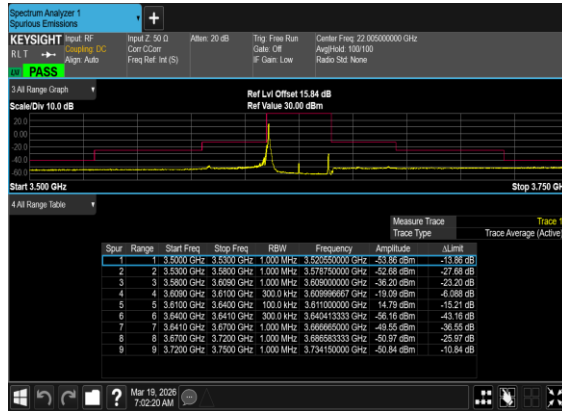


N48(30M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

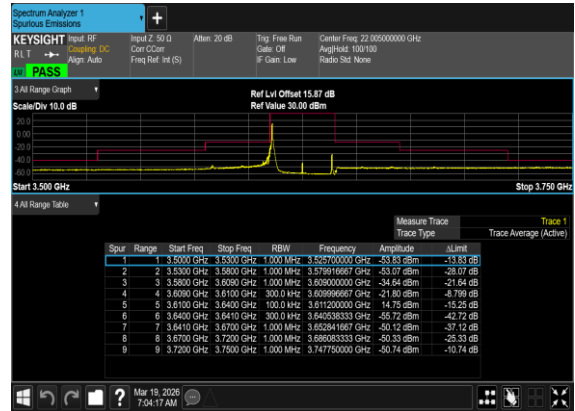




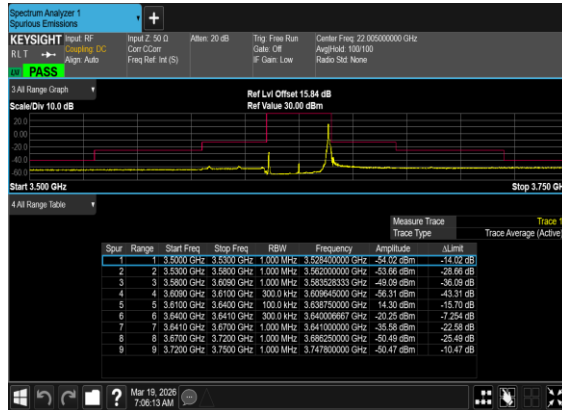
N48(30M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



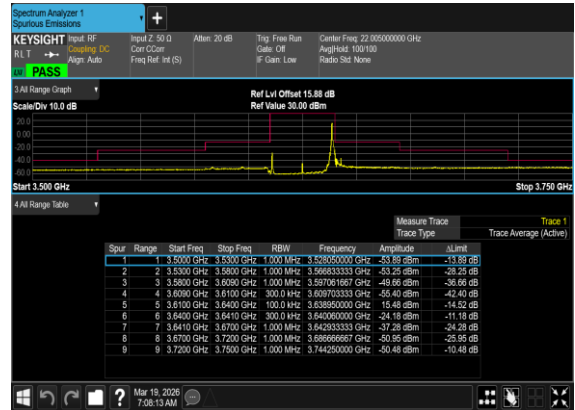
N48(30M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N48(30M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_Mid_CH

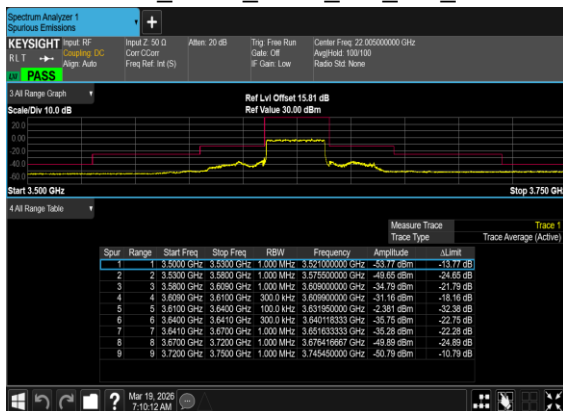


N48(30M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_Mid_CH

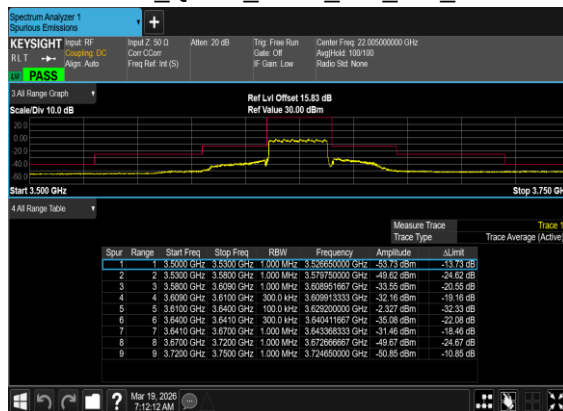




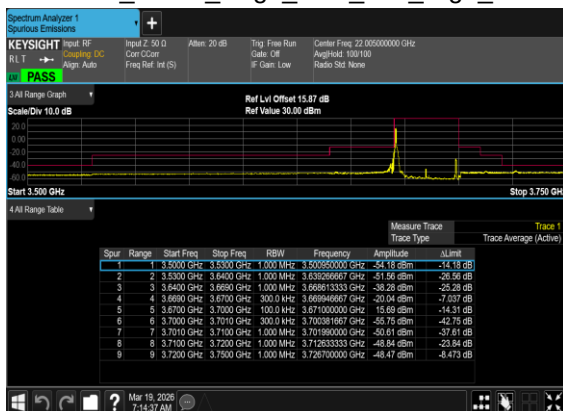
N48(30M)_DFT-s-
OFDM_BPSK_Outer_Full_Mid_CH



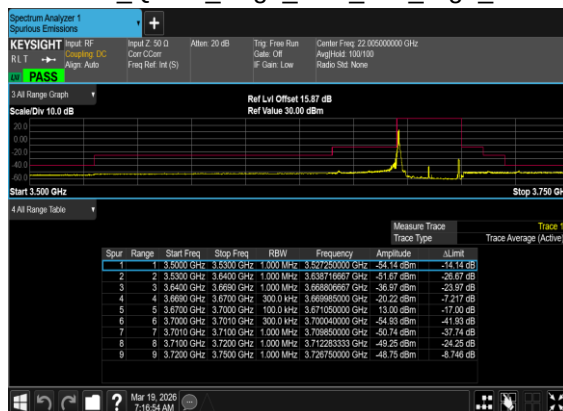
N48(30M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



N48(30M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH

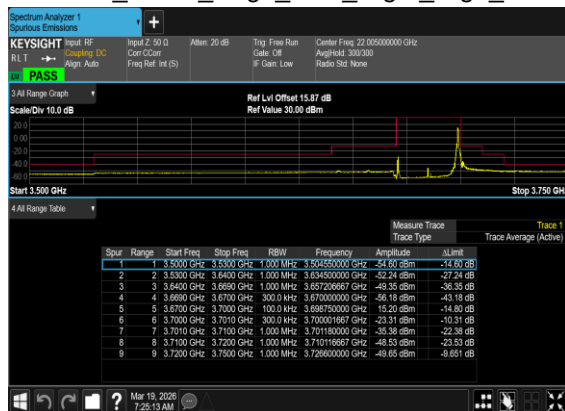


N48(30M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

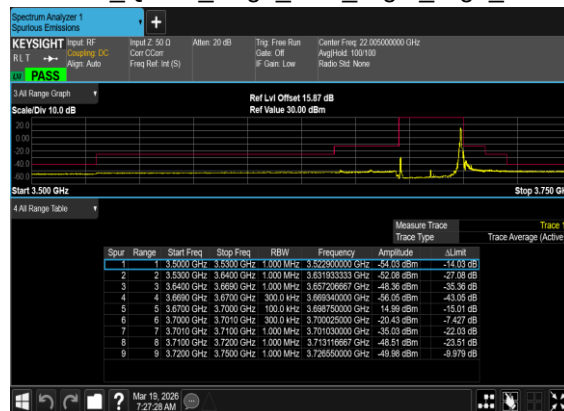




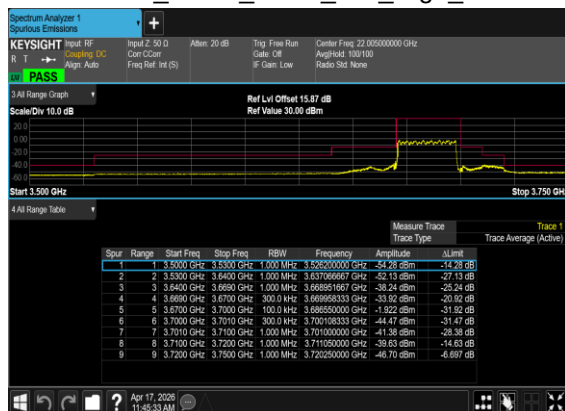
N48(30M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



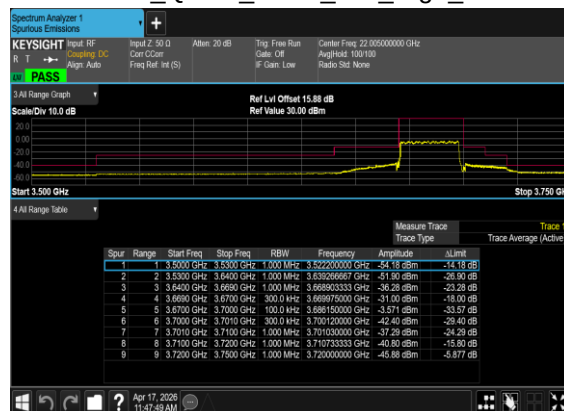
N48(30M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N48(30M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

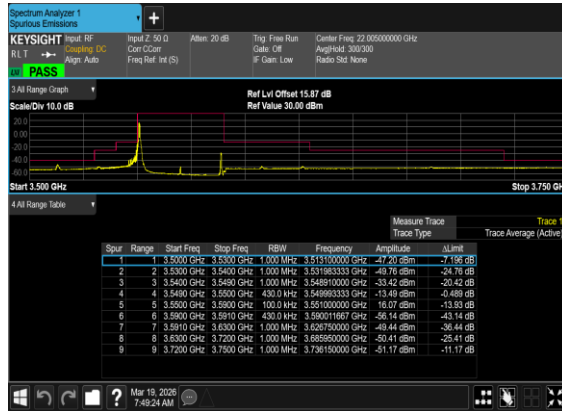


N48(30M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

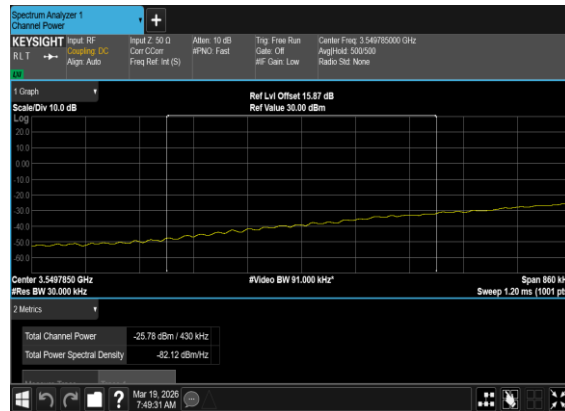




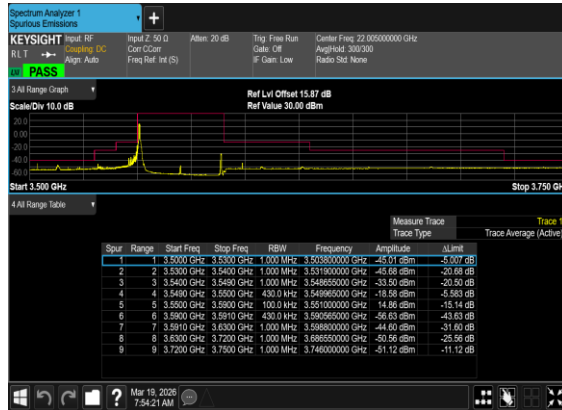
N48(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



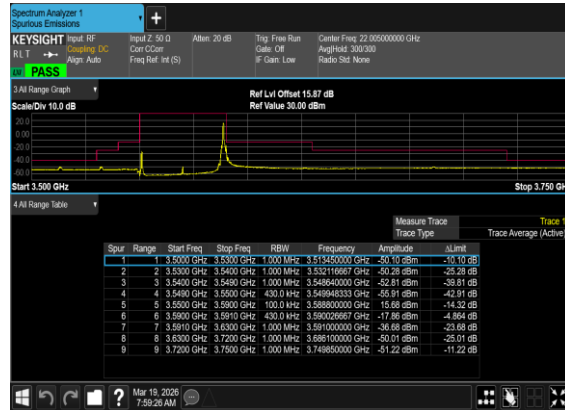
N48(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH_chp_
PASS



N48(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

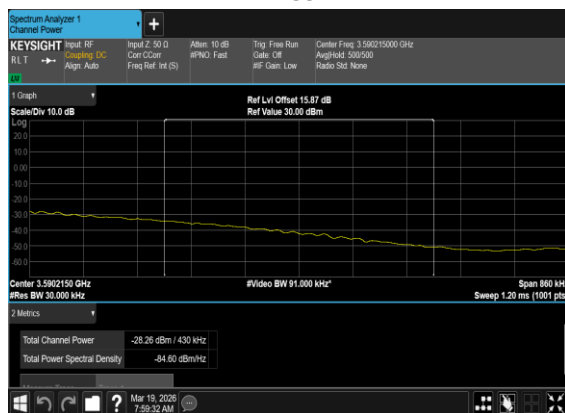


N48(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_Low_CH

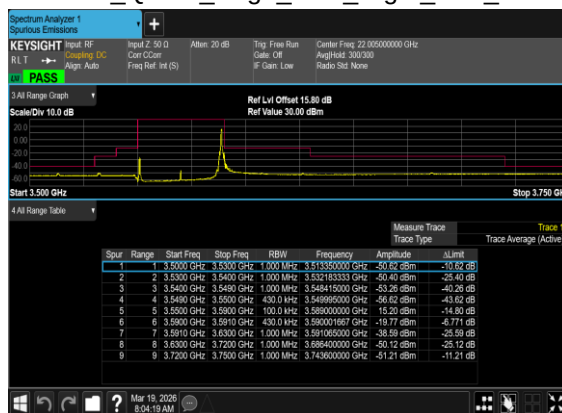




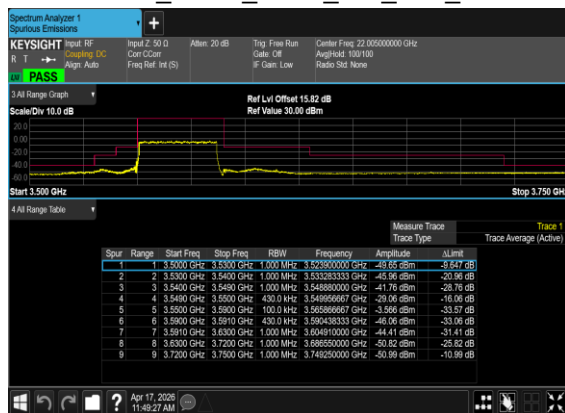
N48(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_Low_CH_chp_



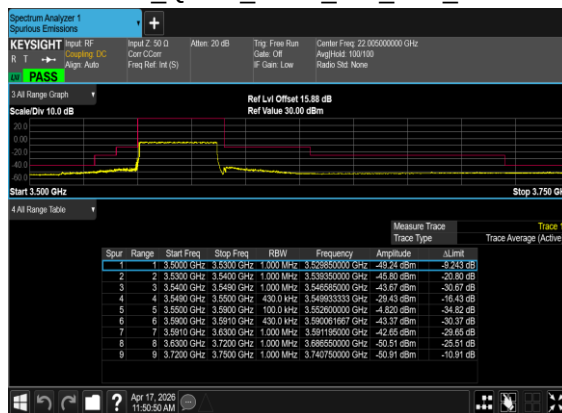
N48(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_Low_CH



N48(40M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

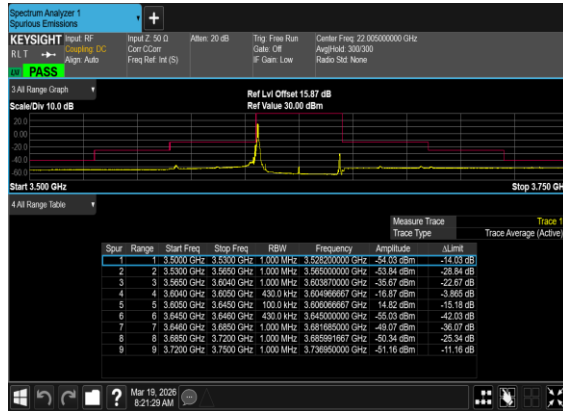


N48(40M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

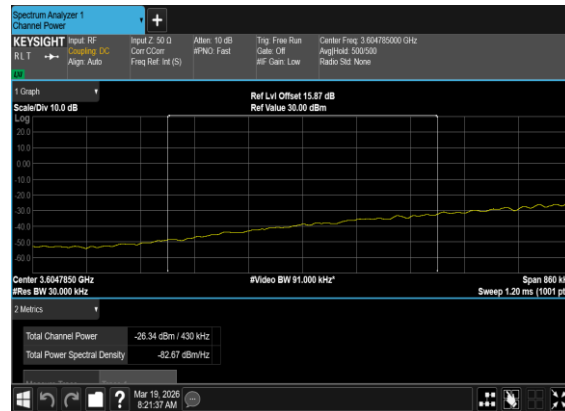




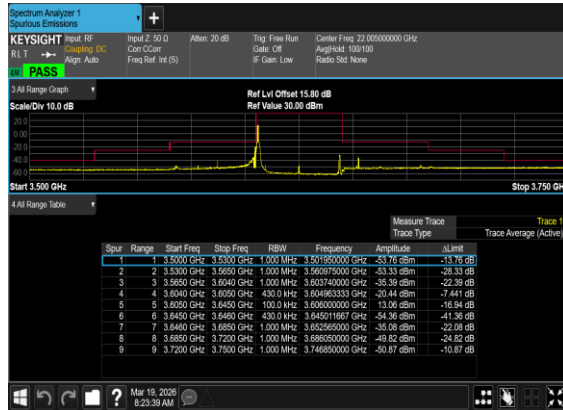
N48(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



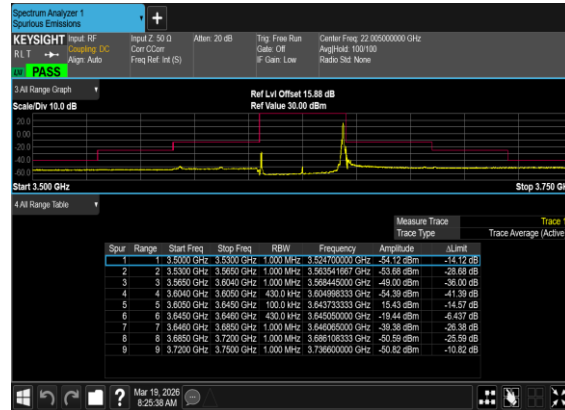
N48(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH_chp_ PASS



N48(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

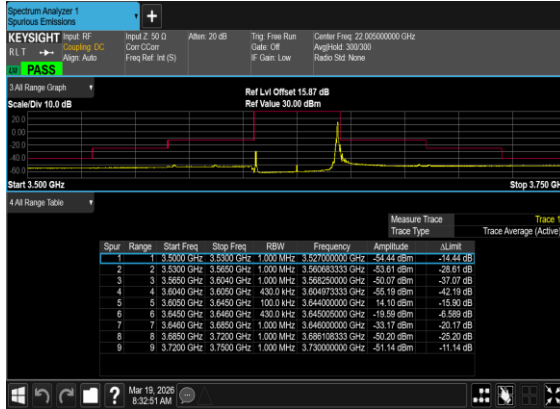


N48(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_Mid_CH

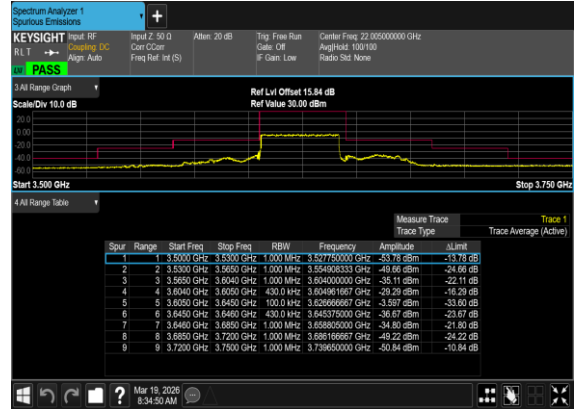




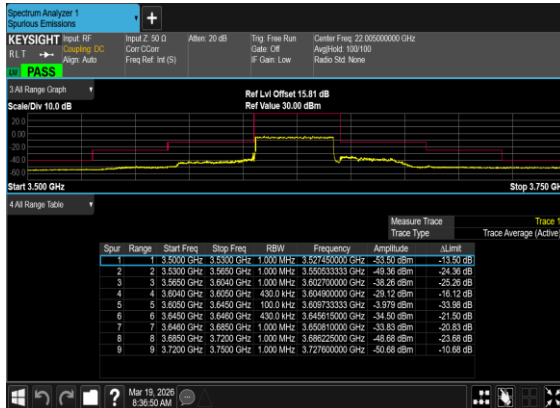
N48(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_Mid_CH



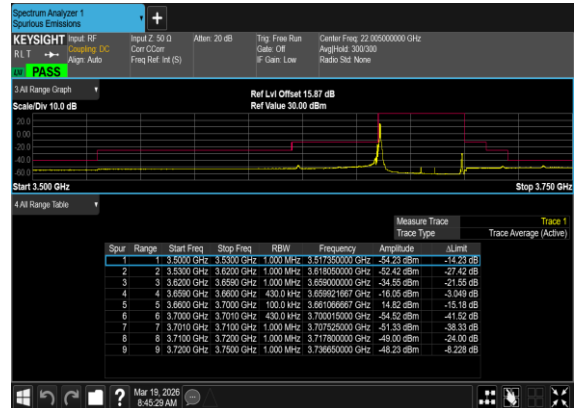
N48(40M)_DFT-s-
OFDM_BPSK_Outer_Full_Mid_CH



N48(40M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH

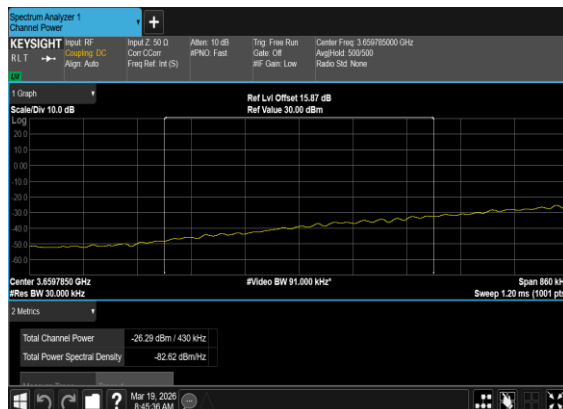


N48(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH

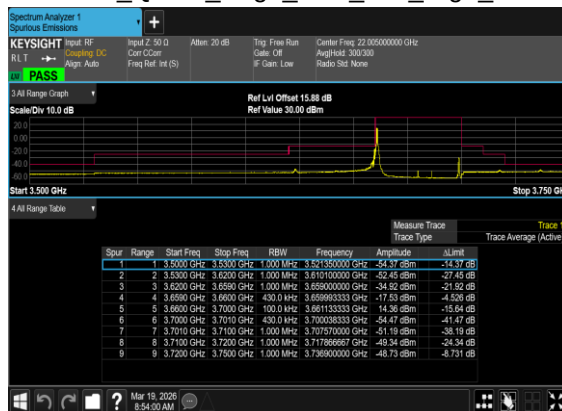




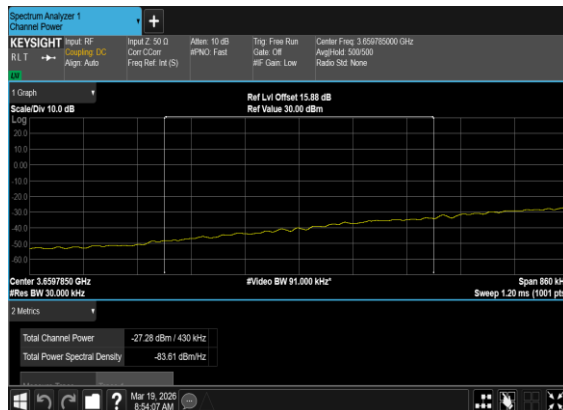
N48(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH_chp_P
ASS



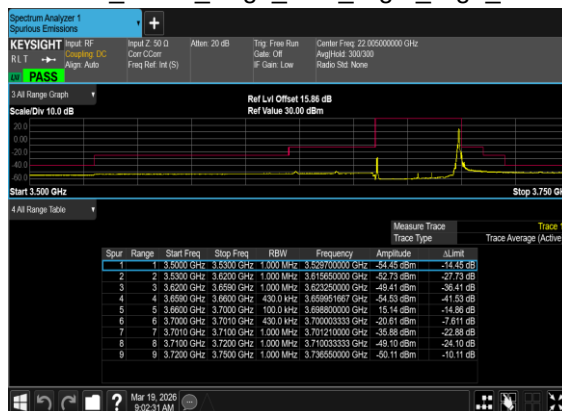
N48(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



N48(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH_chp_
PASS

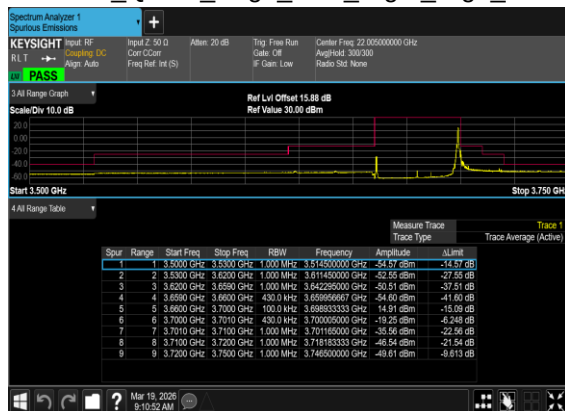


N48(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH

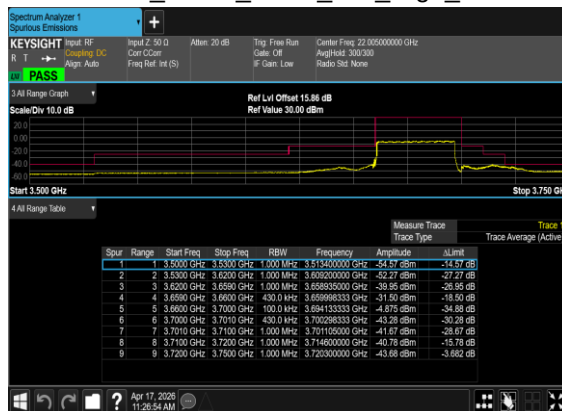




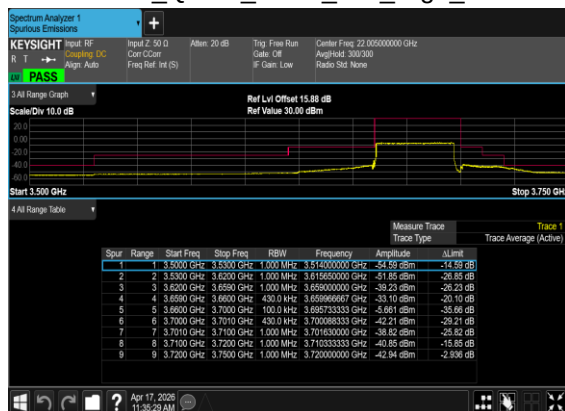
N48(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



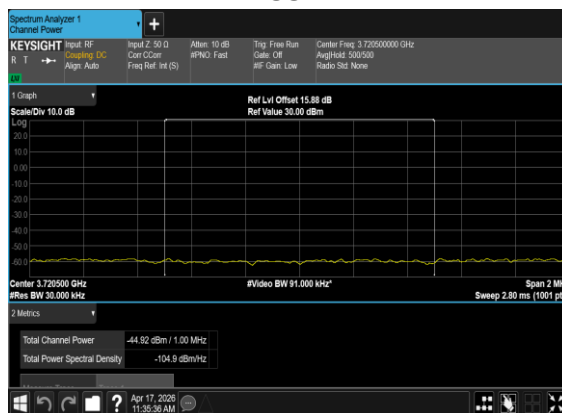
N48(40M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



N48(40M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



N48(40M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH_CHP_PA
SS



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Wenbo Xiao	Temperature :	22~25°C
		Relative Humidity :	48~52%

SA n48 / 40MHz / QPSK / ANT2									
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	7212.00	-57.37	-40	-17.37	-50.95	-60.67	8.30	11.60	H
	10818.00	-56.72	-40	-16.72	-56.90	-58.24	10.48	12.00	H
	14424.00	-50.79	-40	-10.79	-56.85	-52.49	11.80	13.50	H
	7212.00	-47.65	-40	-7.65	-41.6	-50.95	8.30	11.60	V
	10818.00	-56.78	-40	-16.78	-56.58	-58.30	10.48	12.00	V
	14424.00	-51.44	-40	-11.44	-56.93	-53.14	11.80	13.50	V

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