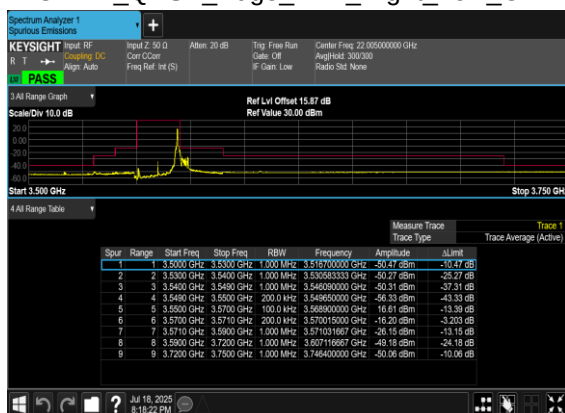
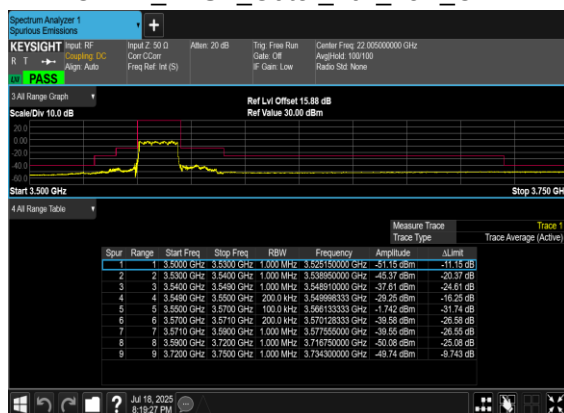




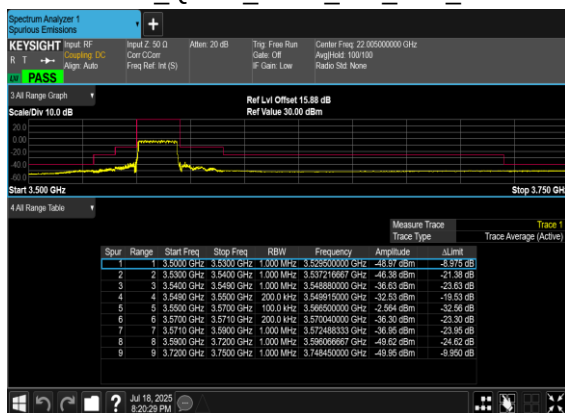
N48(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_Low_CH



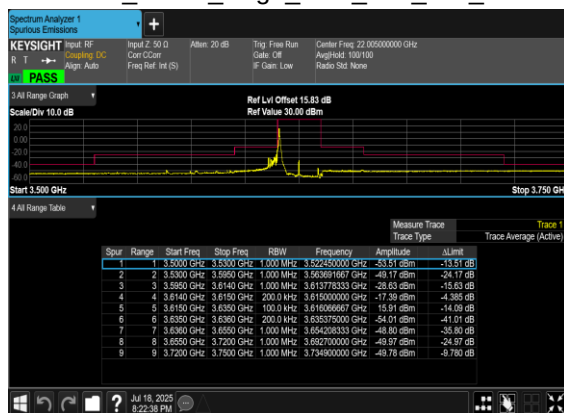
N48(20M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



N48(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

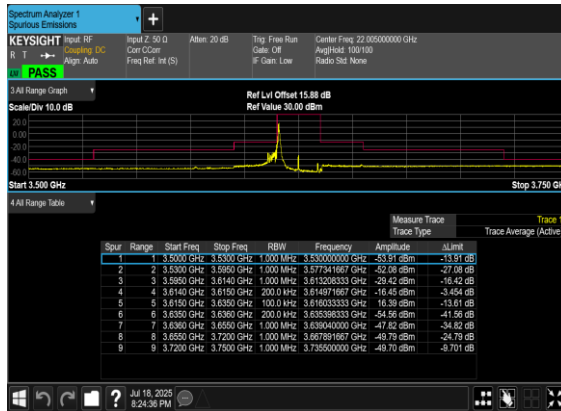


N48(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH

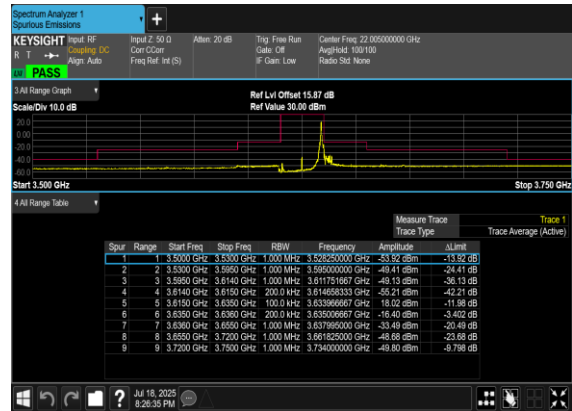




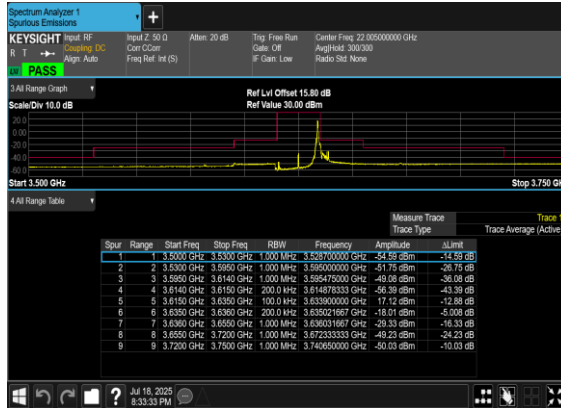
N48(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



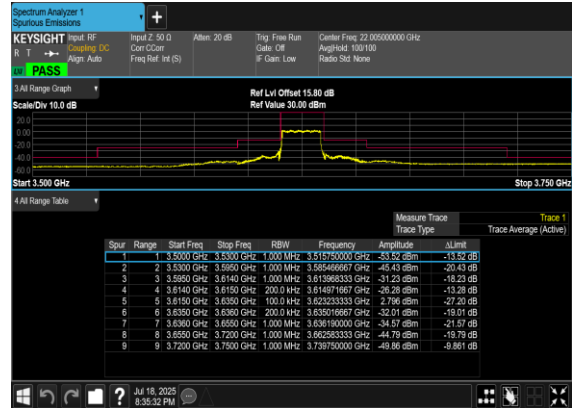
N48(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_Mid_CH



N48(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_Mid_CH

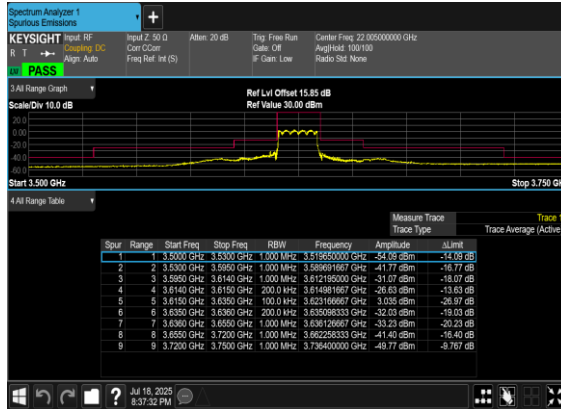


N48(20M)_DFT-s-
OFDM_BPSK_Outer_Full_Mid_CH

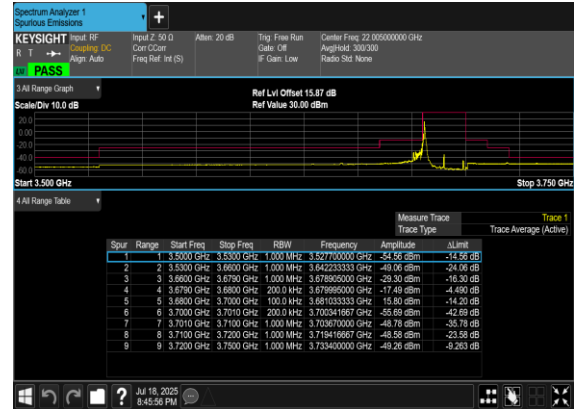




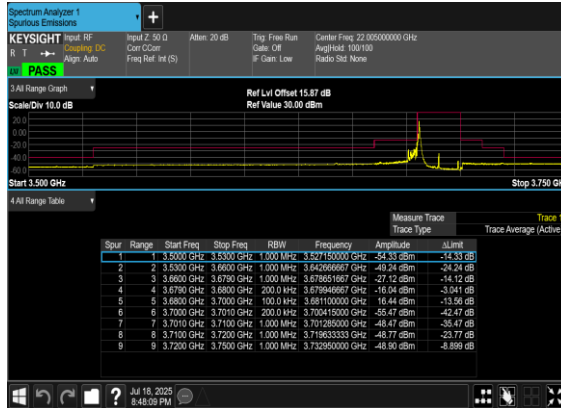
N48(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



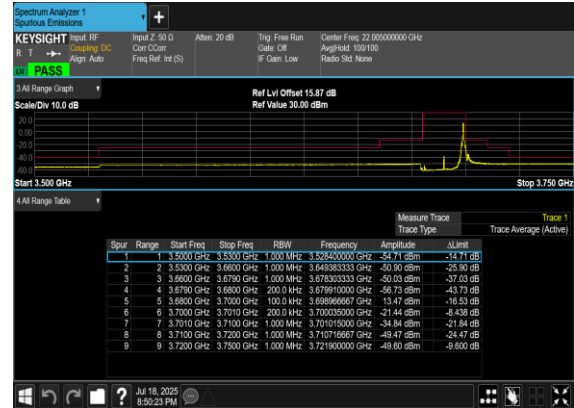
N48(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N48(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

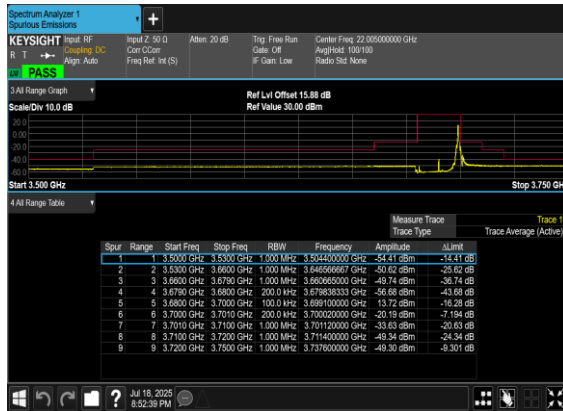


N48(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH

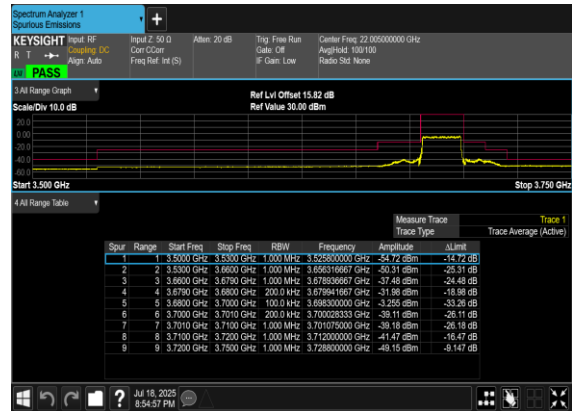




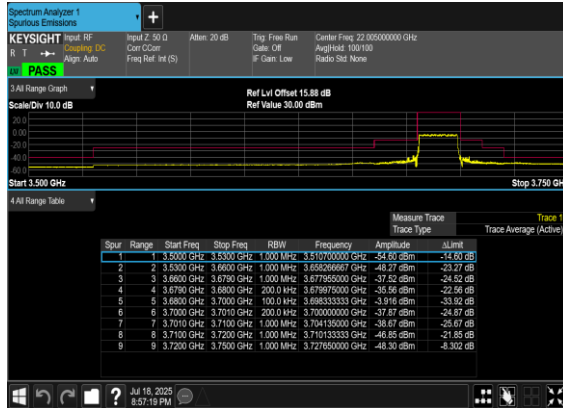
N48(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



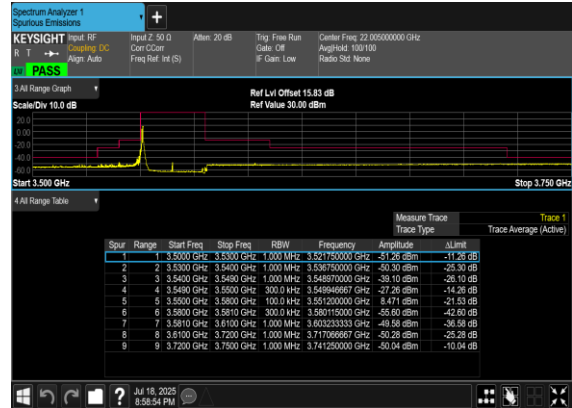
N48(20M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



N48(20M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

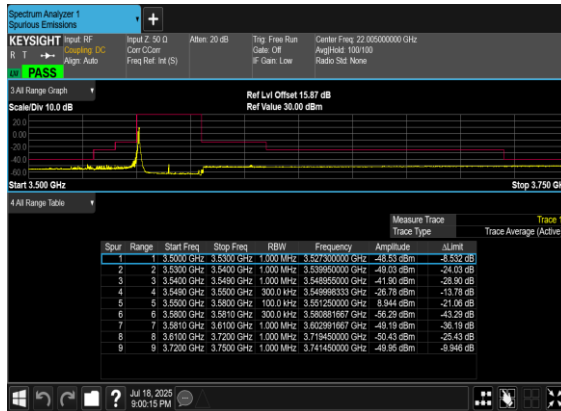


N48(30M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH

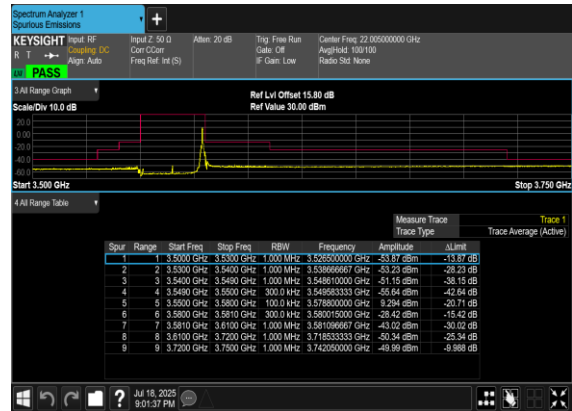




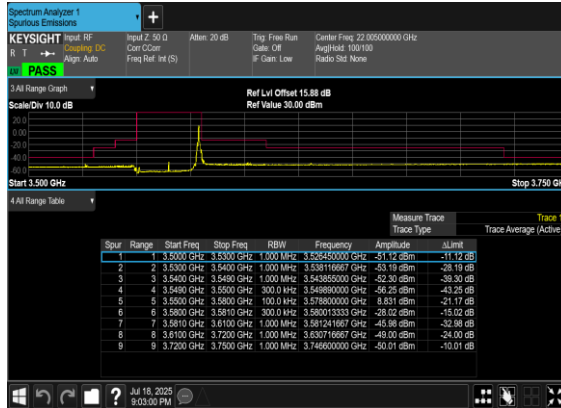
N48(30M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



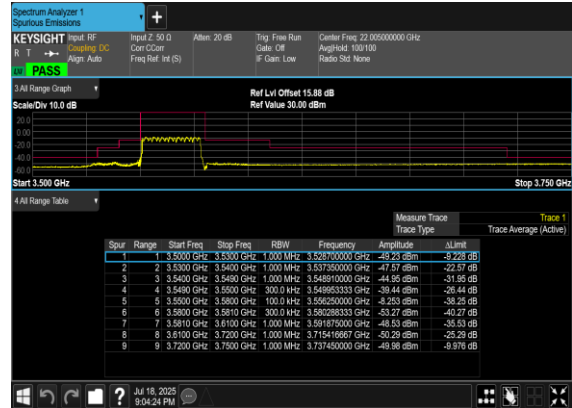
N48(30M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_Low_CH



N48(30M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_Low_CH

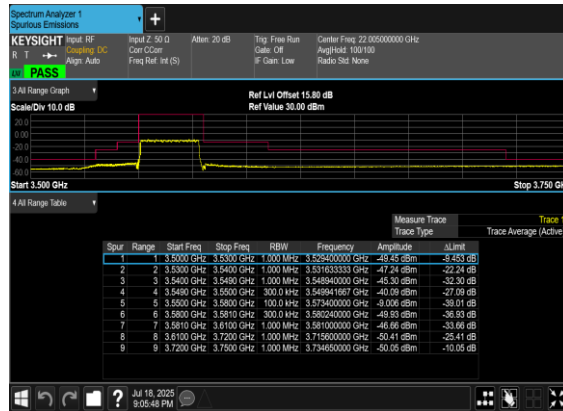


N48(30M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

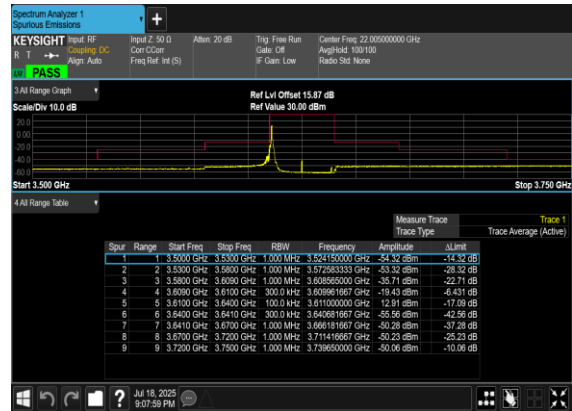




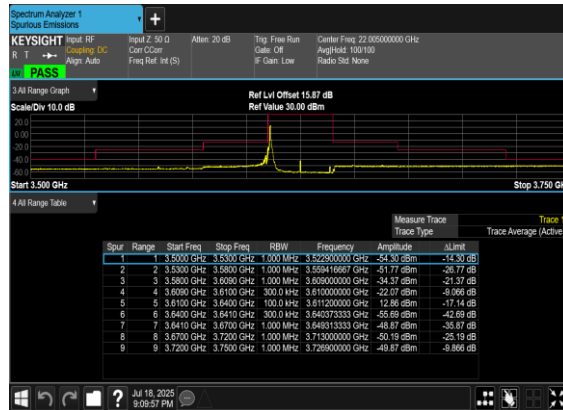
N48(30M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



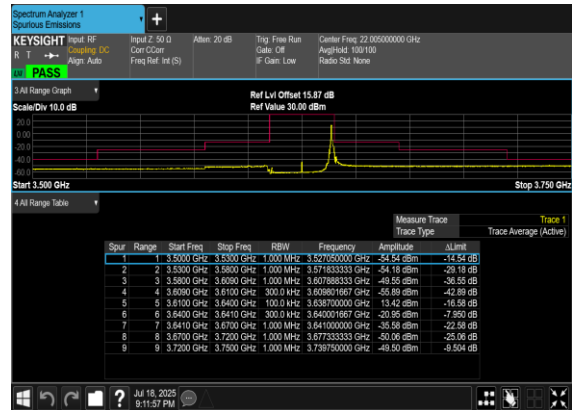
N48(30M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N48(30M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

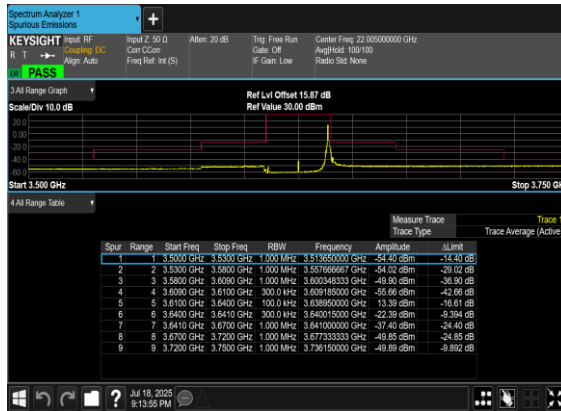


N48(30M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_Mid_CH

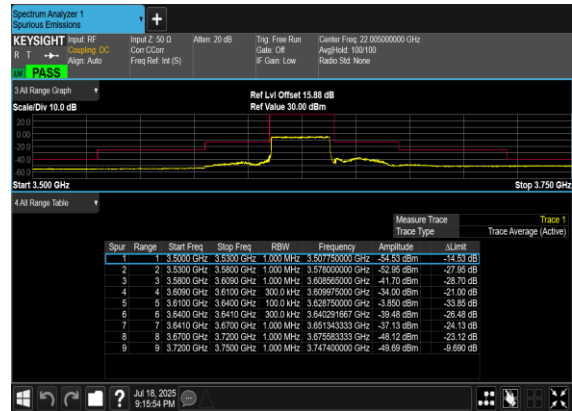




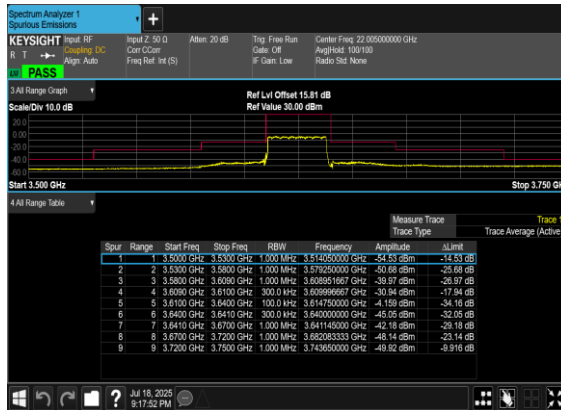
N48(30M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_Mid_CH



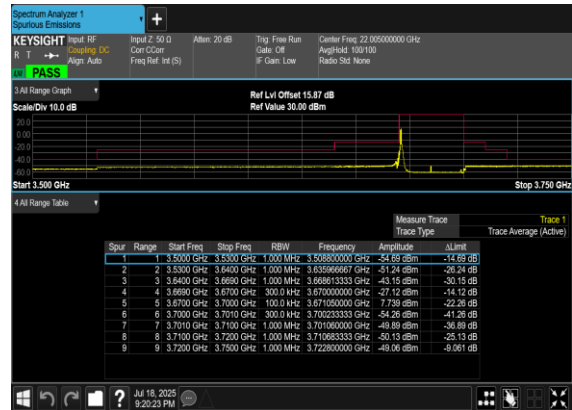
N48(30M)_DFT-s-
OFDM_BPSK_Outer_Full_Mid_CH



N48(30M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH

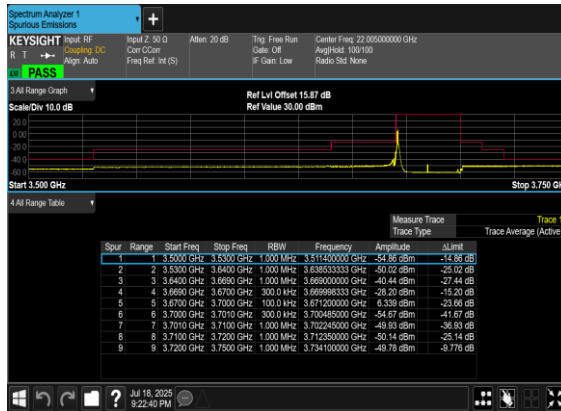


N48(30M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH

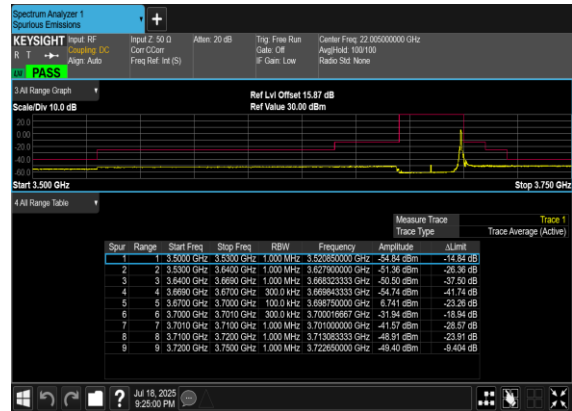




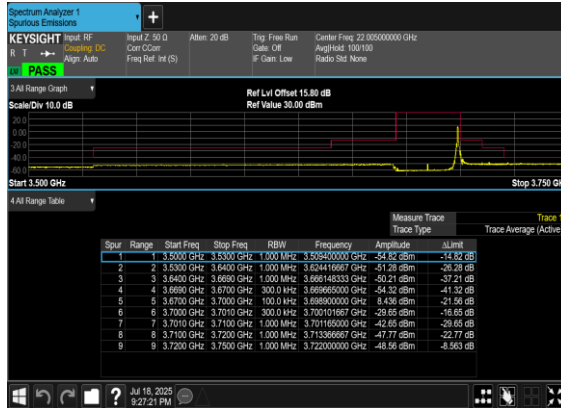
N48(30M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



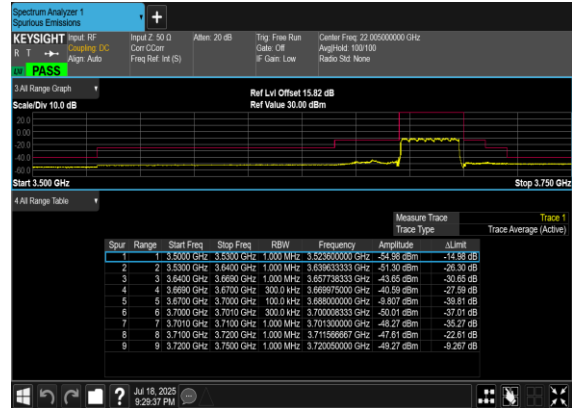
N48(30M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



N48(30M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH

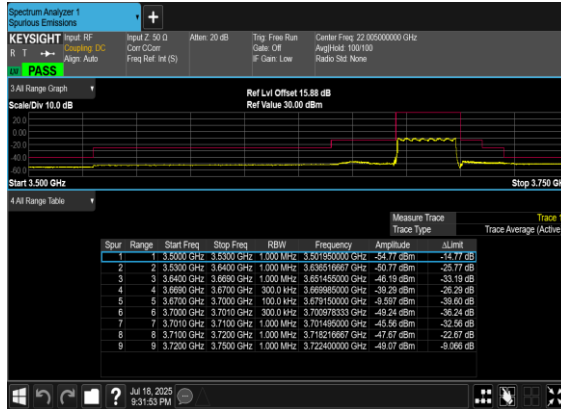


N48(30M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

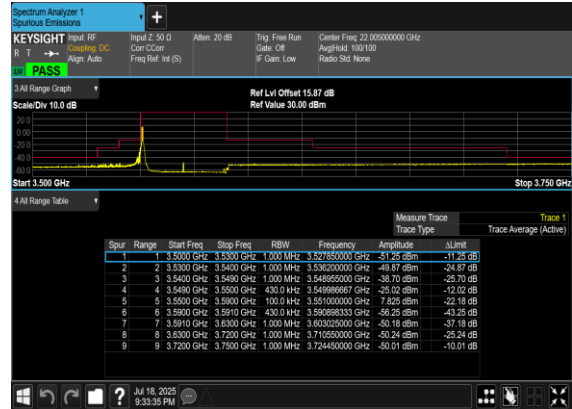




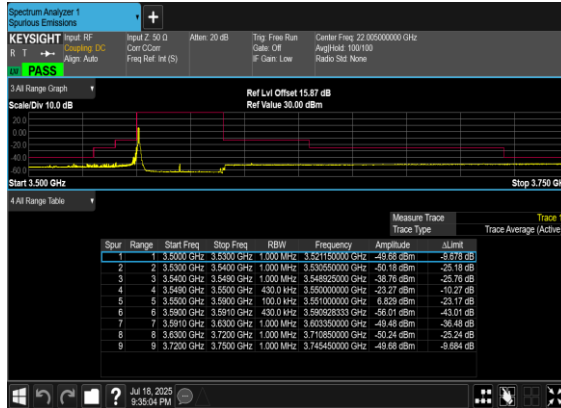
N48(30M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



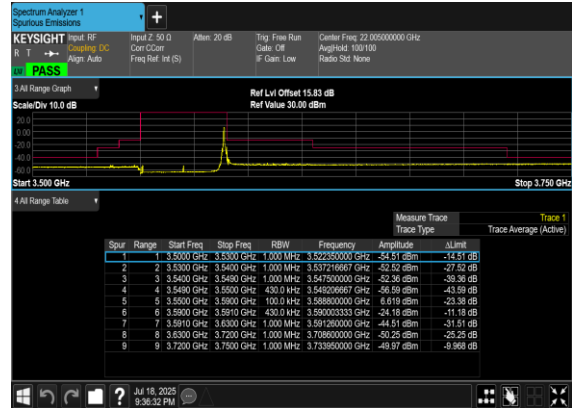
N48(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N48(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

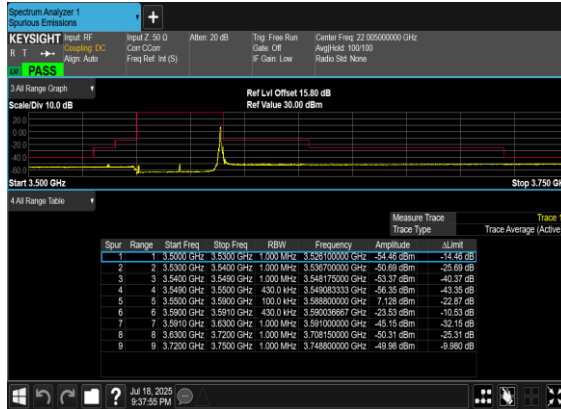


N48(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_Low_CH

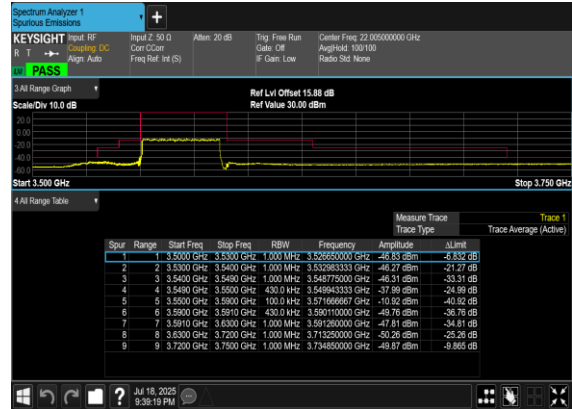




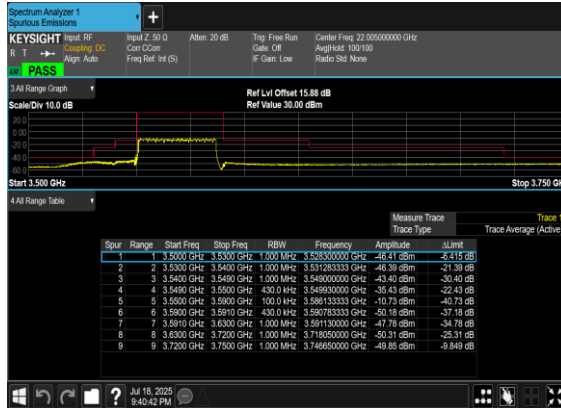
N48(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_Low_CH



N48(40M)_DFT-s-
OFDM_BPSK_Outter_Full_Low_CH



N48(40M)_DFT-s-
OFDM_QPSK_Outter_Full_Low_CH

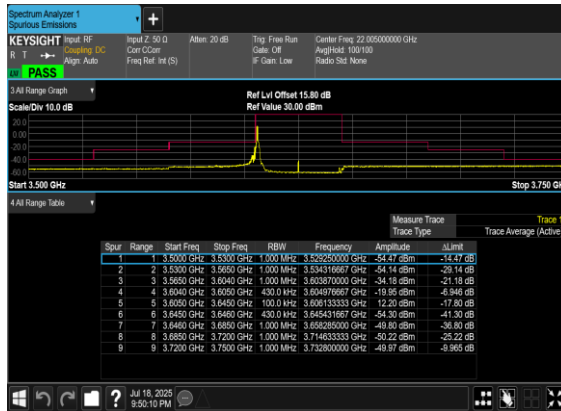


N48(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH





N48(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



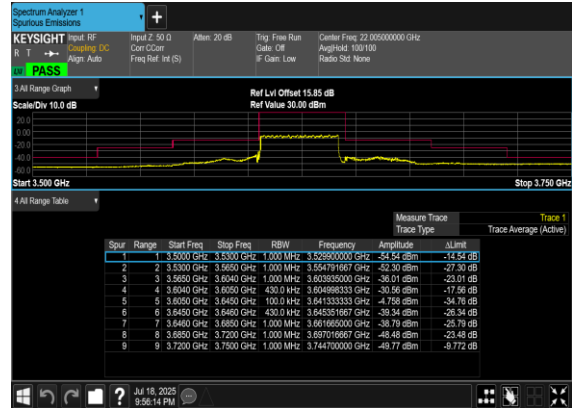
N48(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_Mid_CH



N48(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_Mid_CH

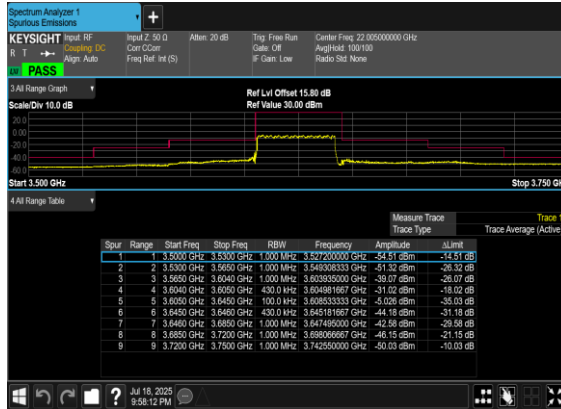


N48(40M)_DFT-s-
OFDM_BPSK_Outer_Full_Mid_CH

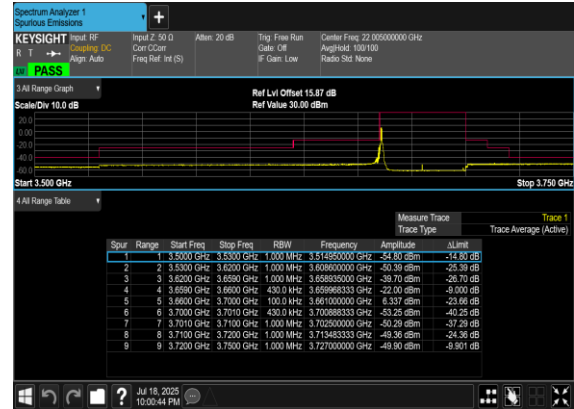




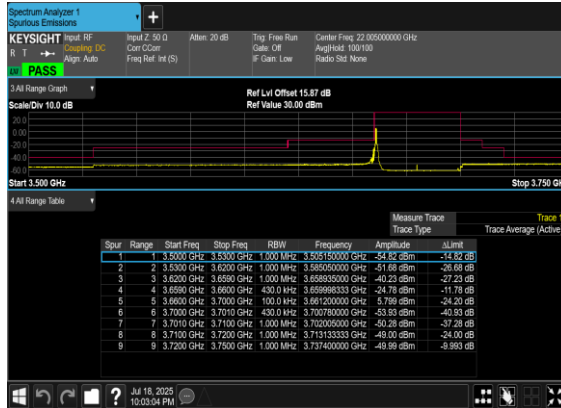
N48(40M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



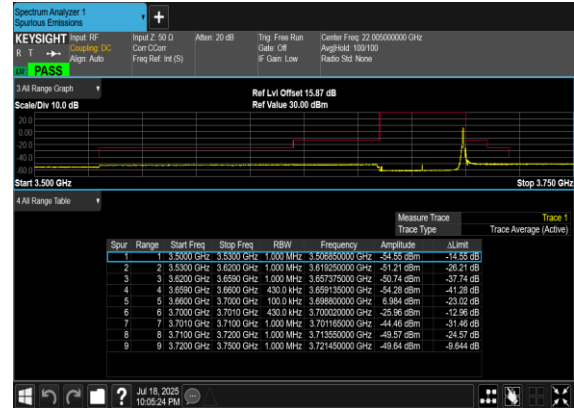
N48(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N48(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

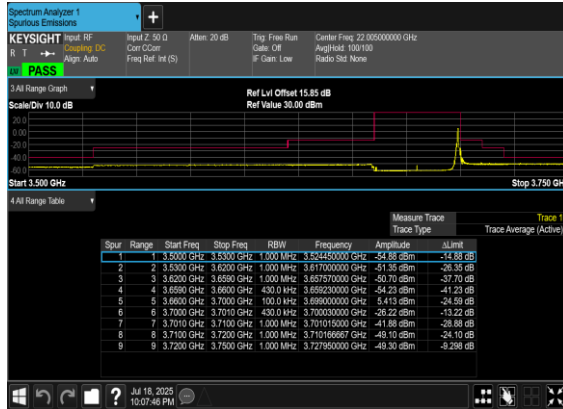


N48(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH

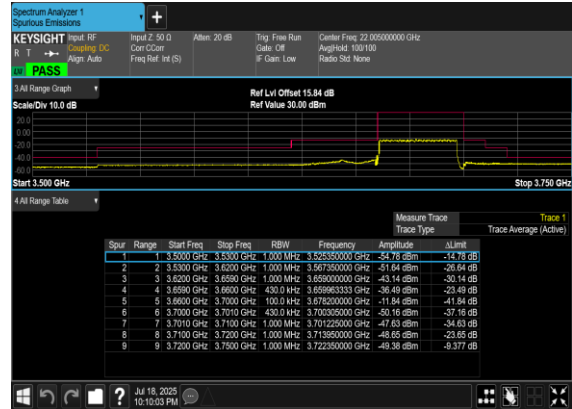




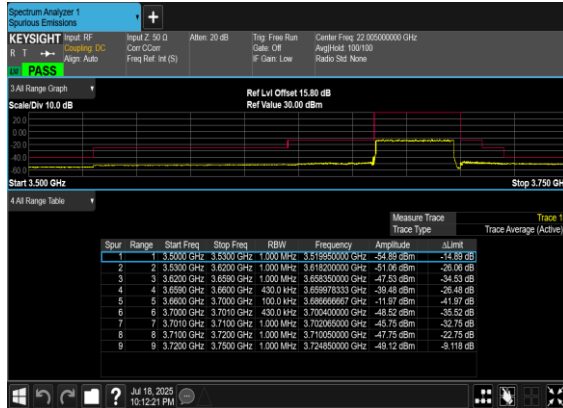
N48(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N48(40M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



N48(40M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

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

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

SA n48 / 40MHz / QPSK / ANT12									
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)
Lowest	7102.00	-60.71	-40	-20.71	-53.82	-64.04	8.25	11.58	H
	10653.00	-56.70	-40	-16.70	-56.38	-58.25	10.45	12.00	H
	14204.00	-51.45	-40	-11.45	-56.22	-53.16	11.74	13.45	H
	7102.00	-60.22	-40	-20.22	-53.74	-63.55	8.25	11.58	V
	10653.00	-57.23	-40	-17.23	-56.45	-58.78	10.45	12.00	V
	14204.00	-52.20	-40	-12.20	-56.52	-53.91	11.74	13.45	V
Middle	7212.00	-60.98	-40	-20.98	-54.56	-64.28	8.30	11.60	H
	10818.00	-56.06	-40	-16.06	-56.24	-57.58	10.48	12.00	H
	14424.00	-49.34	-40	-9.34	-55.40	-51.04	11.80	13.50	H
	7212.00	-60.51	-40	-20.51	-54.46	-63.81	8.30	11.60	V
	10818.00	-56.35	-40	-16.35	-56.15	-57.87	10.48	12.00	V
	14424.00	-50.29	-40	-10.29	-55.78	-51.99	11.80	13.50	V
Highest	7322.00	-60.39	-40	-20.39	-54.35	-63.69	8.32	11.62	H
	10983.00	-55.86	-40	-15.86	-56.51	-57.54	10.52	12.20	H
	14644.00	-50.28	-40	-10.28	-56.41	-51.98	11.85	13.55	H
	7322.00	-59.89	-40	-19.89	-54.01	-63.19	8.32	11.62	V
	10983.00	-55.74	-40	-15.74	-56.09	-57.42	10.52	12.20	V
	14644.00	-51.42	-40	-11.42	-56.98	-53.12	11.85	13.55	V

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



ENDC_71A_n48A / 10MHz+40MHz / QPSK / ANT1+13									
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)
LTE B71 BW 10MHz Lowest 1RB0,QPSK	1352	-64.75	-13	-51.75	-65.06	-67.98	3.98	9.36	H
	2028	-64.83	-13	-51.83	-68.62	-68.38	4.85	10.55	H
	2704	-62.10	-13	-49.10	-67.90	-67.03	5.50	12.58	H
	1352	-65.57	-13	-52.57	-64.93	-68.80	3.98	9.36	V
	2028	-64.68	-13	-51.68	-68.59	-68.23	4.85	10.55	V
	2704	-62.03	-13	-49.03	-67.64	-66.96	5.50	12.58	V
NR n48 BW 40MHz Lowest 1RB1,QPSK	7102.00	-59.71	-40	-19.71	-74.25	-63.04	8.25	11.58	H
	10653.00	-56.29	-40	-16.29	-76.08	-57.84	10.45	12.00	H
	14204.00	-50.92	-40	-10.92	-76.77	-52.63	11.74	13.45	H
	7102.00	-59.17	-40	-19.17	-74.68	-62.50	8.25	11.58	V
	10653.00	-56.72	-40	-16.72	-75.82	-58.27	10.45	12.00	V
	14204.00	-51.11	-40	-11.11	-76.74	-52.82	11.74	13.45	V
LTE B71 BW 10MHz Middle 1RB0,QPSK	1352	-64.77	-13	-51.77	-74.27	-68.02	4.00	9.40	H
	2028	-64.36	-13	-51.36	-75.61	-67.93	4.88	10.60	H
	2704	-62.54	-13	-49.54	-77.21	-67.47	5.52	12.60	H
	1352	-64.71	-13	-51.71	-73.82	-67.96	4.00	9.40	V
	2028	-64.61	-13	-51.61	-75.75	-68.18	4.88	10.60	V
	2704	-62.41	-13	-49.41	-77.12	-67.34	5.52	12.60	V
NR n48 BW 40MHz Middle 1RB1,QPSK	7212.00	-60.26	-40	-20.26	-65.90	-63.56	8.30	11.60	H
	10818.00	-55.78	-40	-15.78	-68.44	-57.30	10.48	12.00	H
	14424.00	-49.56	-40	-9.56	-68.06	-51.26	11.80	13.50	H
	7212.00	-59.18	-40	-19.18	-65.19	-62.48	8.30	11.60	V
	10818.00	-56.12	-40	-16.12	-68.4	-57.64	10.48	12.00	V
	14424.00	-49.54	-40	-9.54	-67.47	-51.24	11.80	13.50	V
LTE B71 BW 10MHz Highest 1RB0,QPSK	1352	-64.85	-13	-51.85	-74.35	-68.02	4.10	9.42	H
	2028	-65.00	-13	-52.00	-76.25	-68.58	4.90	10.63	H
	2704	-62.24	-13	-49.24	-76.91	-67.16	5.55	12.62	H
	1352	-65.41	-13	-52.41	-74.52	-68.58	4.10	9.42	V
	2028	-64.46	-13	-51.46	-75.60	-68.04	4.90	10.63	V
	2704	-62.39	-13	-49.39	-77.10	-67.31	5.55	12.62	V
NR n48 BW 40MHz Highest 1RB1,QPSK	7322.00	-60.38	-40	-20.38	-66.23	-63.68	8.32	11.62	H
	10983.00	-54.38	-40	-14.38	-67.34	-56.06	10.52	12.20	H
	14644.00	-49.98	-40	-9.98	-68.39	-51.68	11.85	13.55	H
	7322.00	-59.88	-40	-19.88	-65.89	-63.18	8.32	11.62	V
	10983.00	-54.76	-40	-14.76	-67.42	-56.44	10.52	12.20	V
	14644.00	-50.13	-40	-10.13	-67.97	-51.83	11.85	13.55	V

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