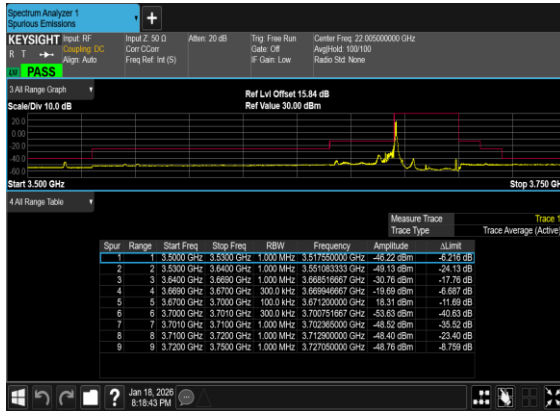
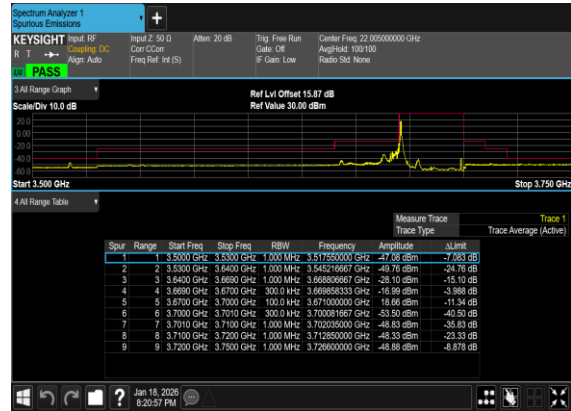




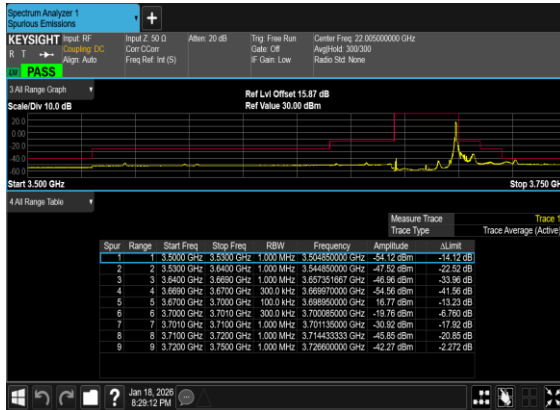
N48(30M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



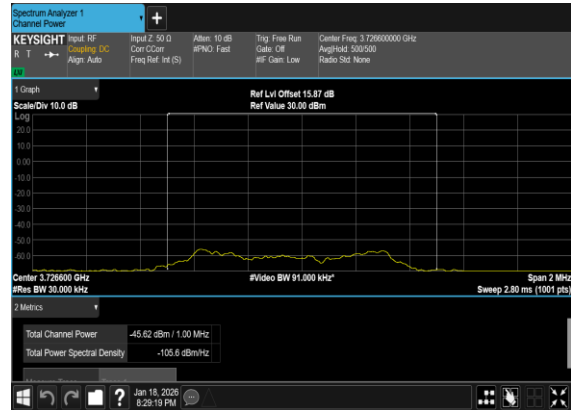
N48(30M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



N48(30M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH

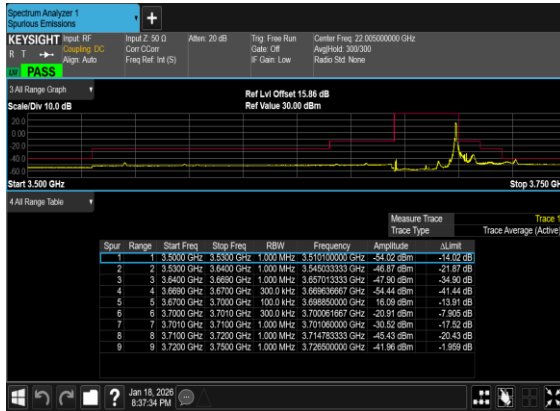


N48(30M)_DFT-s-OFDM_BPSK
_Edge_1RB_Right_High_CH_CHP_PASS

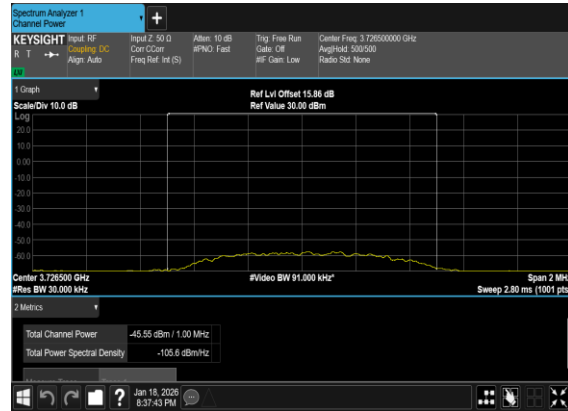




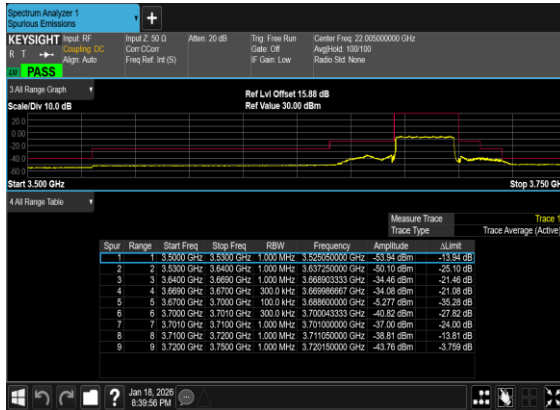
N48(30M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



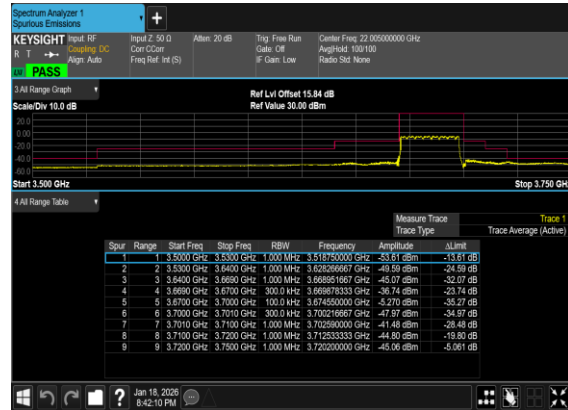
N48(30M)_DFT-s-OFDM_QPSK
Edge_1RB_Right_High_CH_chP_PASS



N48(30M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

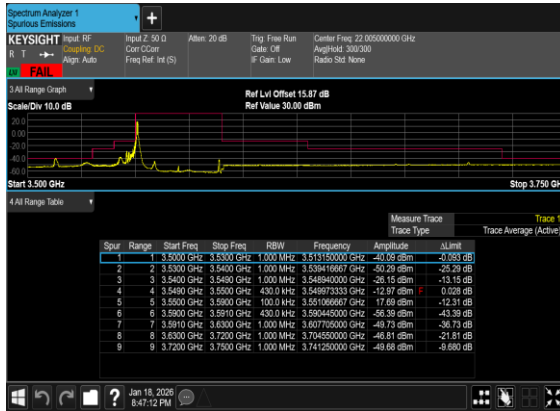


N48(30M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

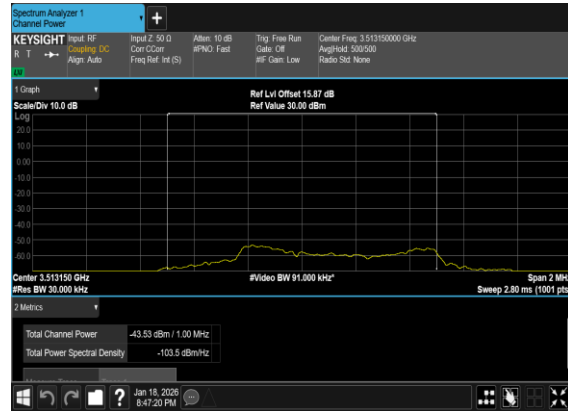




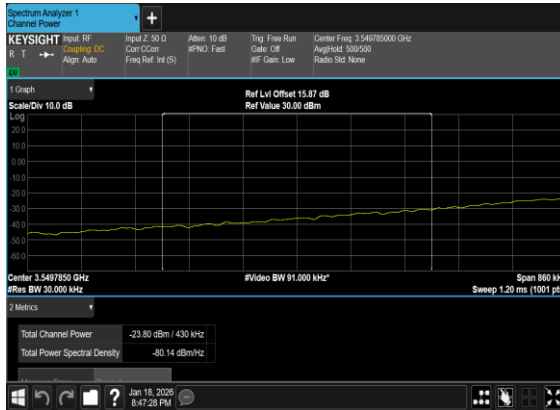
N48(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



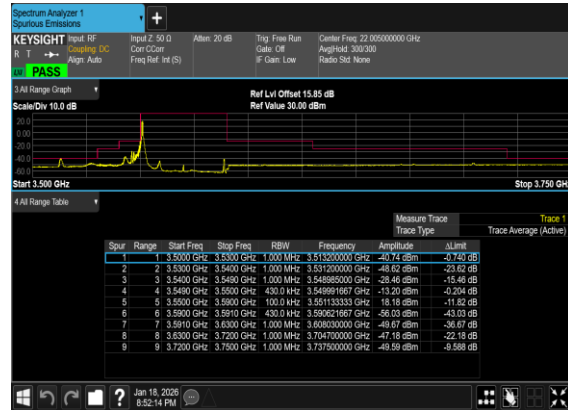
N48(40M)_DFT-s-OFDM_BPSK
Edge_1RB_Left_Low_CH_CHP_PASS



N48(40M)_DFT-s-OFDM_BPSK
Edge_1RB_Left_Low_CH_CHP_PASS

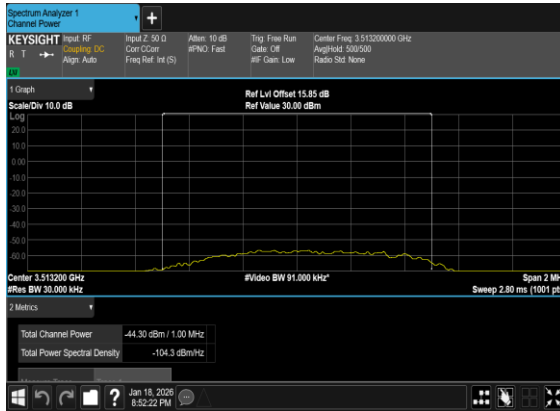


N48(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

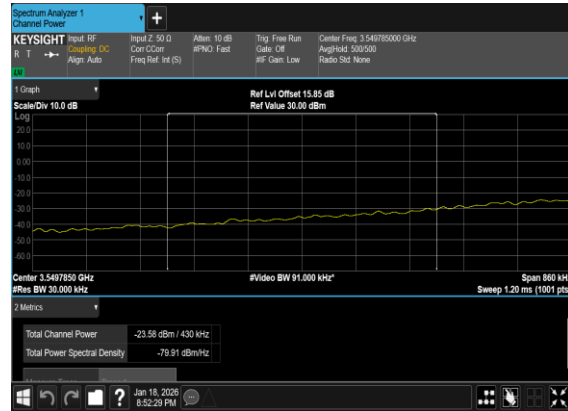




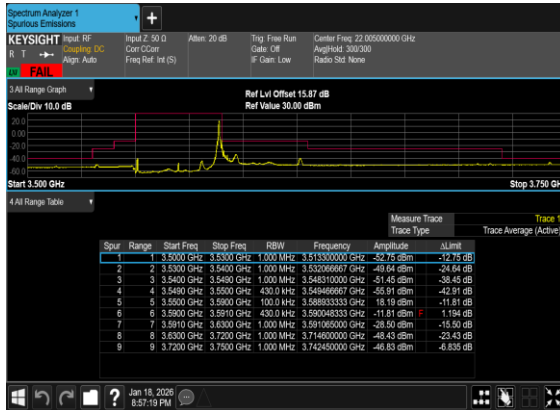
N48(40M)_DFT-s-OFDM_QPSK
Edge_1RB_Left_Low_CH_CHP_PASS



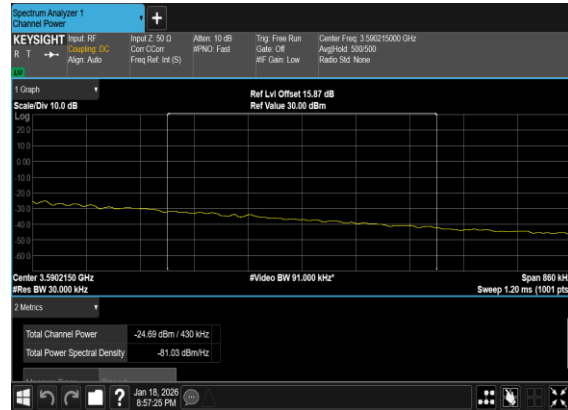
N48(40M)_DFT-s-OFDM_QPSK
Edge_1RB_Left_Low_CH_CHP_PASS



N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Low_CH

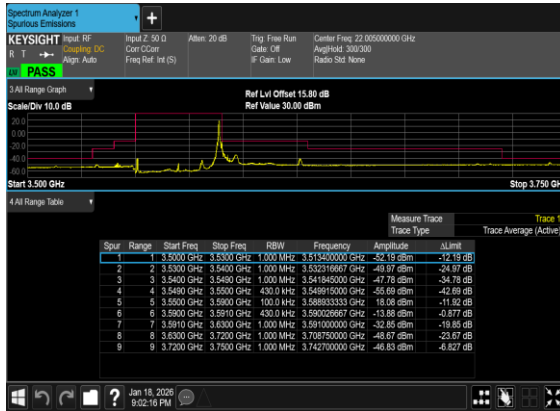


N48(40M)_DFT-s-OFDM_BPSK
Edge_1RB_Right_Low_CH_CHP_PASS

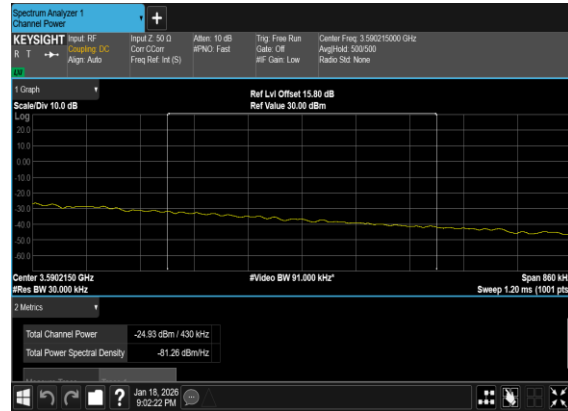




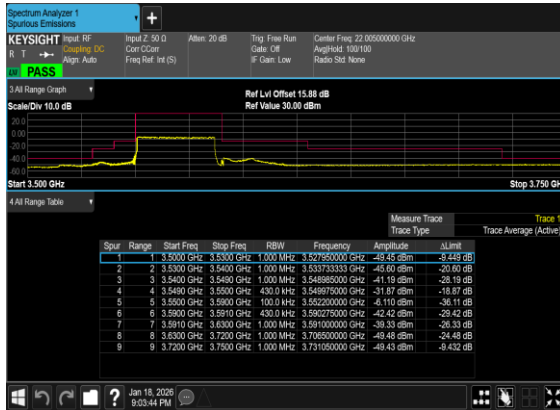
N48(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_Low_CH



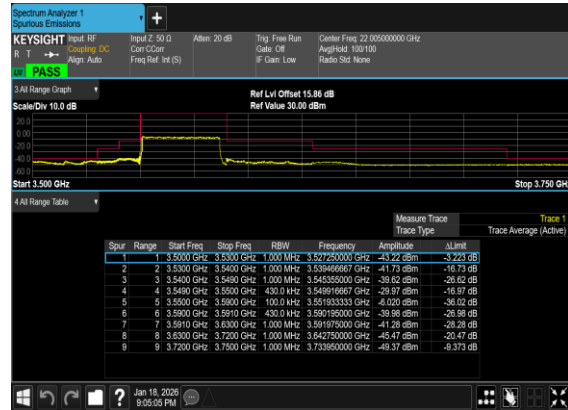
N48(40M)_DFT-s-OFDM_QPSK
Edge_1RB_Right_Low_CH_CHP_PASS



N48(40M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

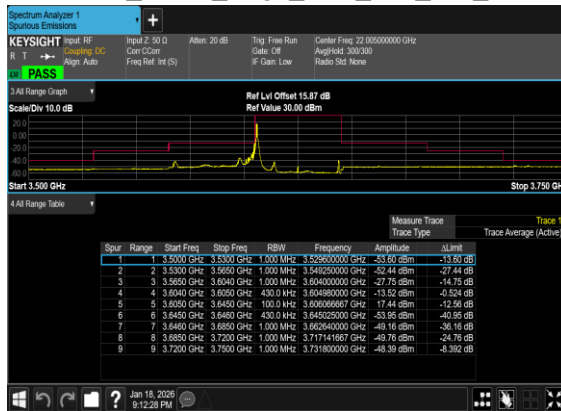


N48(40M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

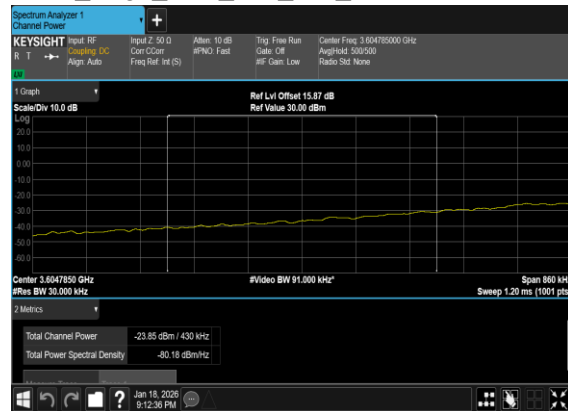




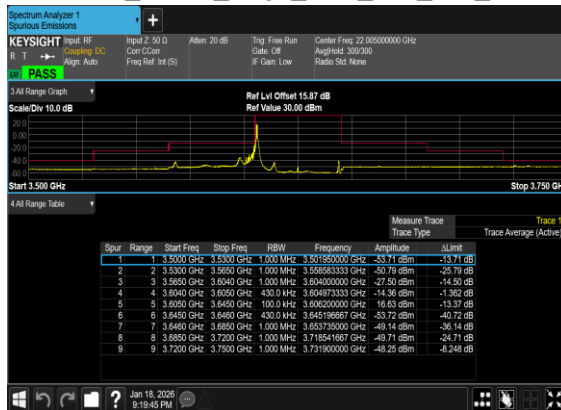
N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



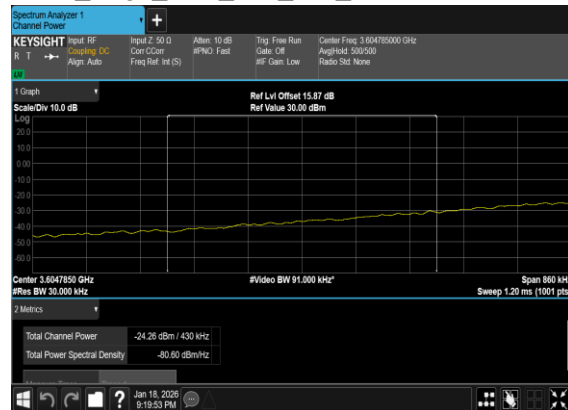
N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH_CHP_PASS



N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

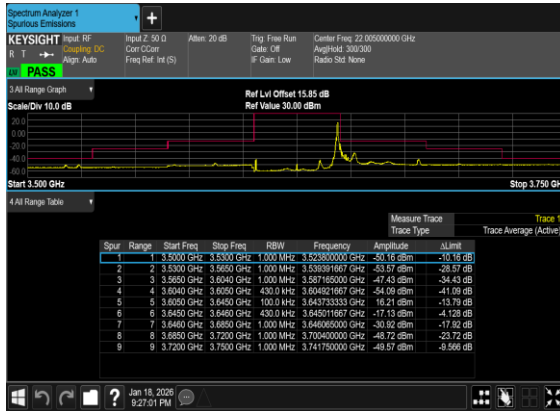


N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH_CHP_PASS

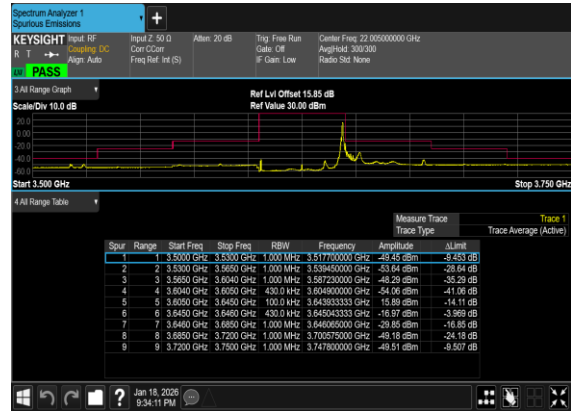




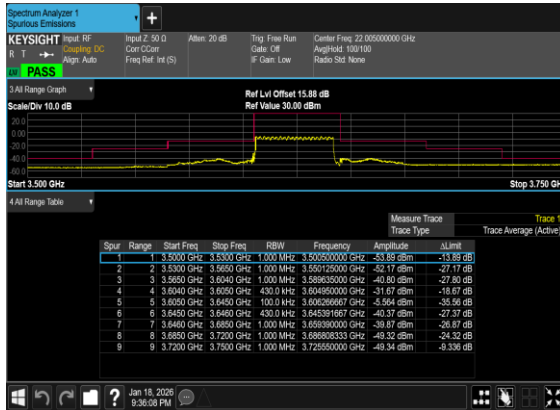
N48(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_Mid_CH



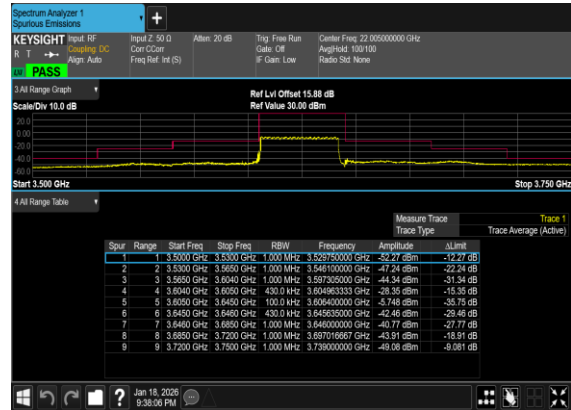
N48(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_Mid_CH



N48(40M)_DFT-s-
OFDM_BPSK_Outer_Full_Mid_CH

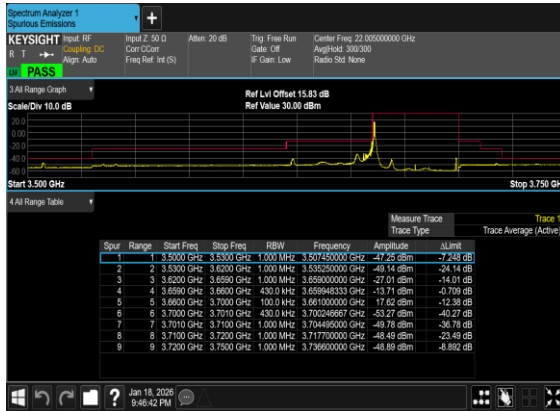


N48(40M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH

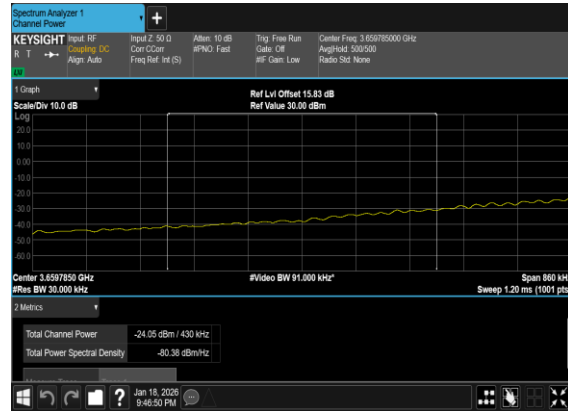




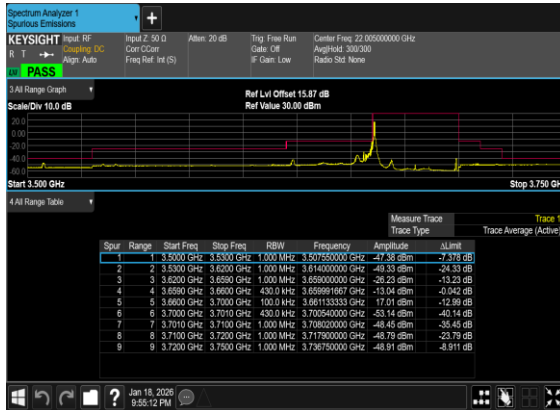
N48(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



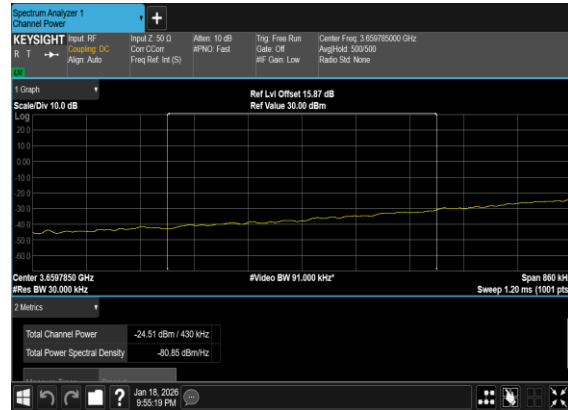
N48(40M)_DFT-s-OFDM_BPSK
Edge_1RB_Left_High_CH_CHP_PASS



N48(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

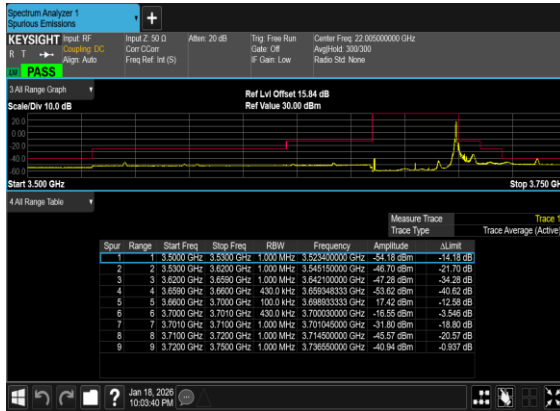


N48(40M)_DFT-s-OFDM_QPSK
Edge_1RB_Left_High_CH_CHP_PASS

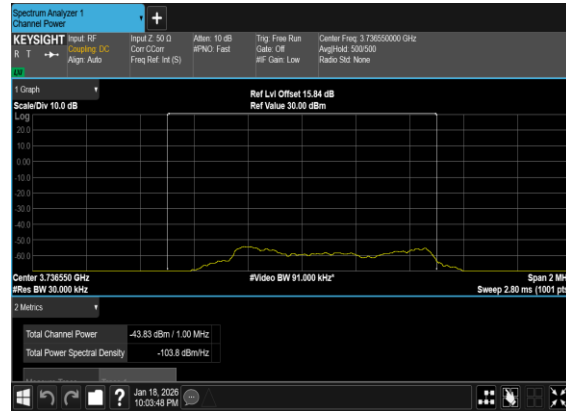




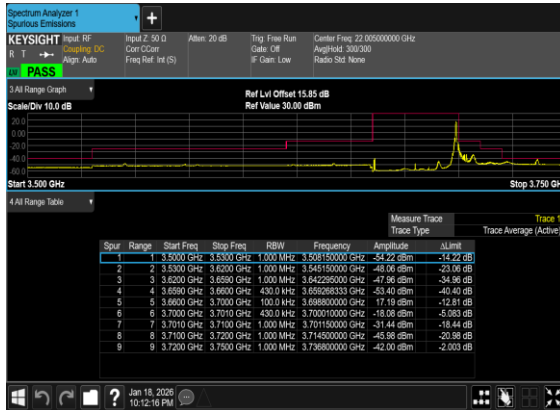
N48(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



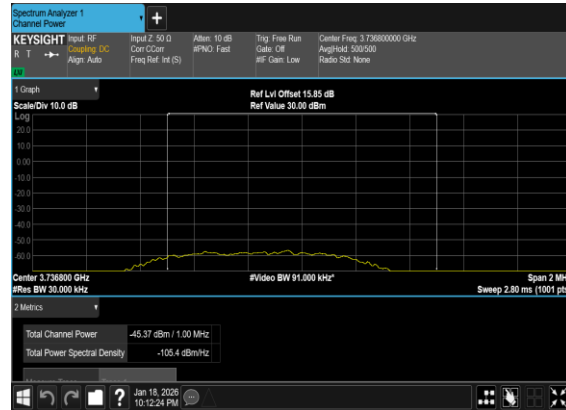
N48(40M)_DFT-s-OFDM_BPSK
Edge_1RB_Right_High_CH_chp_PASS



N48(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH

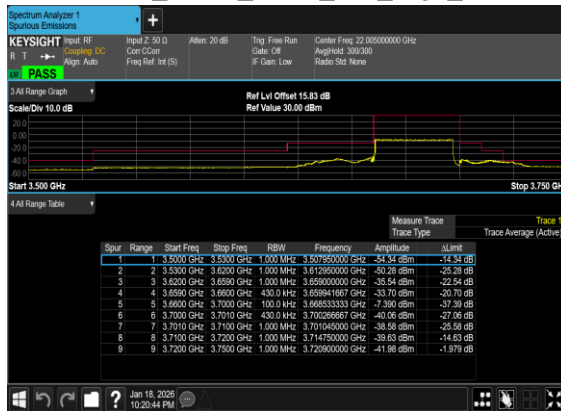


N48(40M)_DFT-s-OFDM_QPSK
Edge_1RB_Right_High_CH_chp_PASS

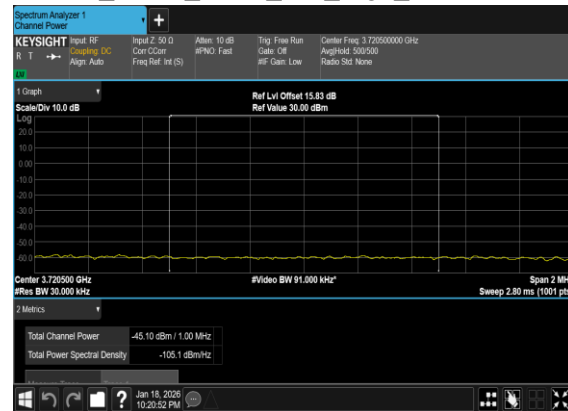




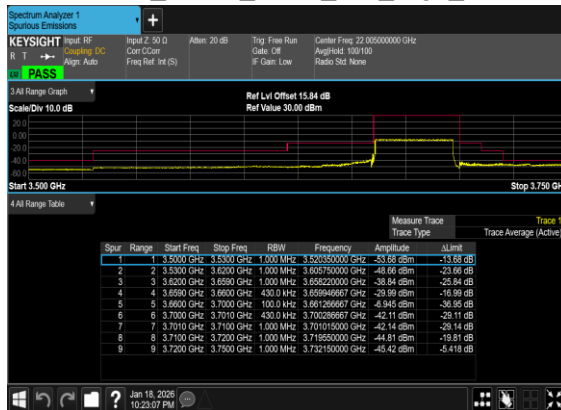
N48(40M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



N48(40M)_DFT-s-
OFDM_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℃
		Relative Humidity :	48~52%

n48 SA / NR 40MHz / QPSK									
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	-59.74	-40	-19.74	-52.85	-63.07	8.25	11.58	H
	10653.00	-57.06	-40	-17.06	-56.74	-58.61	10.45	12.00	H
	14204.00	-51.34	-40	-11.34	-56.11	-53.05	11.74	13.45	H
	7102.00	-56.54	-40	-16.54	-50.06	-59.87	8.25	11.58	V
	10653.00	-51.10	-40	-11.10	-50.32	-52.65	10.45	12.00	V
	14204.00	-51.44	-40	-11.44	-55.76	-53.15	11.74	13.45	V
Middle	7212.00	-60.24	-40	-20.24	-53.82	-63.54	8.30	11.60	H
	10818.00	-53.07	-40	-13.07	-53.25	-54.59	10.48	12.00	H
	14424.00	-49.74	-40	-9.74	-55.80	-51.44	11.80	13.50	H
	7212.00	-59.63	-40	-19.63	-53.58	-62.93	8.30	11.60	V
	10818.00	-46.69	-40	-6.69	-46.49	-48.21	10.48	12.00	V
	14424.00	-49.88	-40	-9.88	-55.37	-51.58	11.80	13.50	V
Highest	7322.00	-60.57	-40	-20.57	-54.53	-63.87	8.32	11.62	H
	10983.00	-54.14	-40	-14.14	-54.79	-55.82	10.52	12.20	H
	14644.00	-50.20	-40	-10.20	-56.33	-51.90	11.85	13.55	H
	7322.00	-58.15	-40	-18.15	-52.27	-61.45	8.32	11.62	V
	10983.00	-49.54	-40	-9.54	-49.89	-51.22	10.52	12.20	V
	14644.00	-50.97	-40	-10.97	-56.53	-52.67	11.85	13.55	V

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



EN-DC_71A_n48A / LTE 10MHz + NR 40MHz / QPSK									
Channel	Frequency (MHz)	ERP/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)
NR n48 Lowest	7102.00	-60.13	-40	-20.13	-53.24	-66.38	6.30	12.55	H
	10653.00	-55.90	-40	-15.90	-55.58	-59.30	8.25	11.65	H
	14204.00	-51.22	-40	-11.22	-55.99	-53.57	9.50	11.85	H
	7102.00	-54.90	-40	-14.90	-48.42	-61.15	6.30	12.55	V
	10653.00	-56.94	-40	-16.94	-56.16	-60.34	8.25	11.65	V
	14204.00	-51.69	-40	-11.69	-56.01	-54.04	9.50	11.85	V
LTE Band71 Lowest	1352	-65.68	-13	-52.68	-75.18	-68.91	3.98	9.36	H
	2028	-65.46	-13	-52.46	-76.71	-69.01	4.85	10.55	H
	2704	-63.51	-13	-50.51	-78.18	-68.44	5.50	12.58	H
	1352	-65.94	-13	-52.94	-75.05	-69.17	3.98	9.36	V
	2028	-65.77	-13	-52.77	-76.91	-69.32	4.85	10.55	V
	2704	-63.22	-13	-50.22	-77.93	-68.15	5.50	12.58	V
NR n48 Middle	7212.00	-59.99	-40	-19.99	-53.57	-66.24	6.45	12.70	H
	10818.00	-55.69	-40	-15.69	-55.87	-59.09	8.40	11.80	H
	14424.00	-49.85	-40	-9.85	-55.91	-52.20	9.65	12.00	H
	7212.00	-59.57	-40	-19.57	-53.52	-65.82	6.45	12.70	V
	10818.00	-56.19	-40	-16.19	-55.99	-59.59	8.40	11.80	V
	14424.00	-50.32	-40	-10.32	-55.81	-52.67	9.65	12.00	V
LTE Band71 Middle	1352	-65.81	-13	-52.81	-75.31	-69.06	4.00	9.40	H
	2028	-65.76	-13	-52.76	-77.01	-69.33	4.88	10.60	H
	2704	-63.34	-13	-50.34	-78.01	-68.27	5.52	12.60	H
	1352	-66.36	-13	-53.36	-75.47	-69.61	4.00	9.40	V
	2028	-65.46	-13	-52.46	-76.60	-69.03	4.88	10.60	V
	2704	-63.53	-13	-50.53	-78.24	-68.46	5.52	12.60	V
NR n48 Highest	7322.00	-60.24	-40	-20.24	-54.20	-66.49	6.61	12.86	H
	10983.00	-54.19	-40	-14.19	-54.84	-57.57	8.56	11.94	H
	14644.00	-50.17	-40	-10.17	-56.30	-52.52	9.81	12.16	H
	7322.00	-59.83	-40	-19.83	-53.95	-66.08	6.61	12.86	V
	10983.00	-54.83	-40	-14.83	-55.18	-58.21	8.56	11.94	V
	14644.00	-50.86	-40	-10.86	-56.42	-53.21	9.81	12.16	V
LTE Band71 Highest	1352	-64.95	-13	-51.95	-74.45	-68.12	4.10	9.42	H
	2028	-64.44	-13	-51.44	-75.69	-68.02	4.90	10.63	H
	2704	-62.76	-13	-49.76	-77.43	-67.68	5.55	12.62	H
	1352	-65.41	-13	-52.41	-74.52	-68.58	4.10	9.42	V
	2028	-64.95	-13	-51.95	-76.09	-68.53	4.90	10.63	V
	2704	-62.59	-13	-49.59	-77.30	-67.51	5.55	12.62	V

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