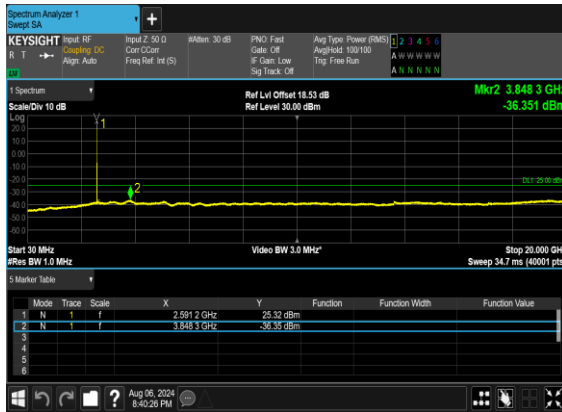
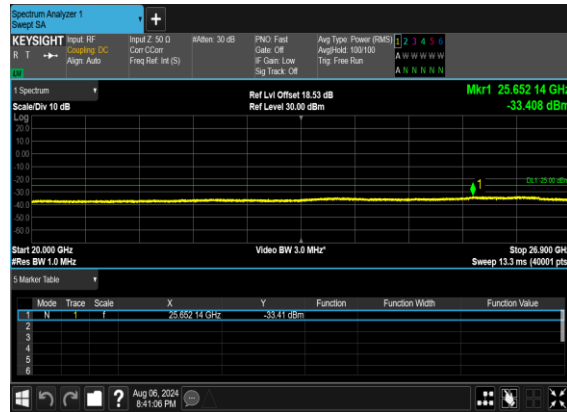




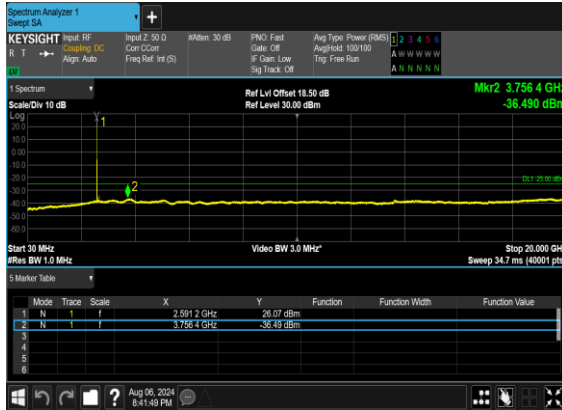
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



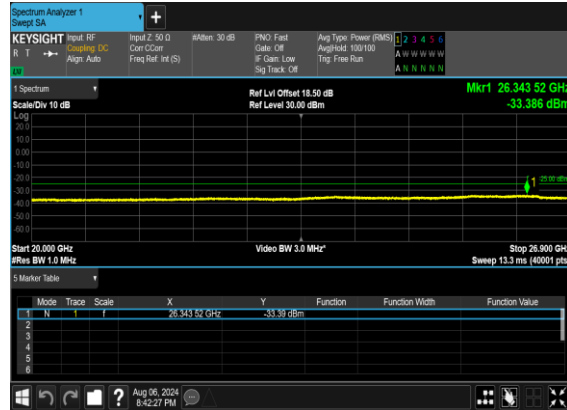
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



Conducted Band Edge

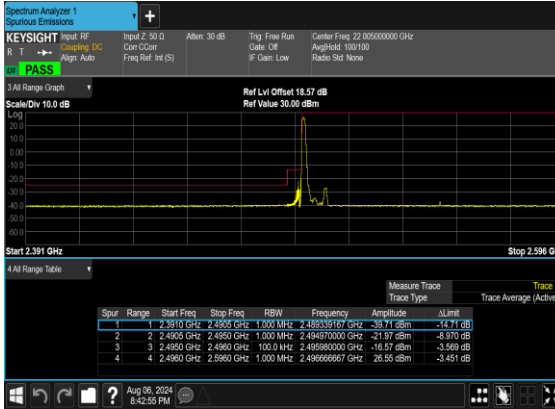
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	30	10	500202	2501.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	10	500202	2501.01	DFT-s-OFDM BPSK	24@0	see graph	PASS
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	24@0	see graph	PASS



41	30	10	537000	2685.0	DFT-s-OFDM BPSK	1@23	see graph	PASS
41	30	10	537000	2685.0	DFT-s-OFDM QPSK	1@23	see graph	PASS
41	30	10	537000	2685.0	DFT-s-OFDM BPSK	24@0	see graph	PASS
41	30	10	537000	2685.0	DFT-s-OFDM QPSK	24@0	see graph	PASS
41	30	50	504204	2521.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	50	504204	2521.02	DFT-s-OFDM BPSK	128@0	see graph	PASS
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	128@0	see graph	PASS
41	30	50	532998	2664.99	DFT-s-OFDM BPSK	1@132	see graph	PASS
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@132	see graph	PASS
41	30	50	532998	2664.99	DFT-s-OFDM BPSK	128@0	see graph	PASS
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	128@0	see graph	PASS
41	30	100	509202	2546.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	100	509202	2546.01	DFT-s-OFDM BPSK	270@0	see graph	PASS
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	270@0	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	1@272	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	1@272	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	270@0	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	270@0	see graph	PASS



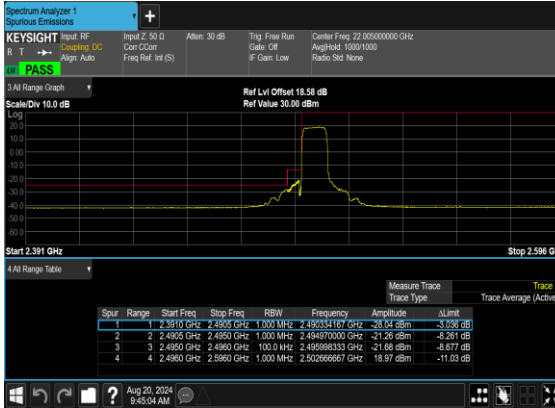
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

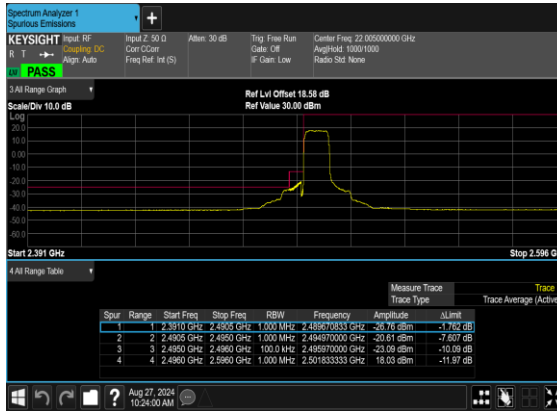


N41(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

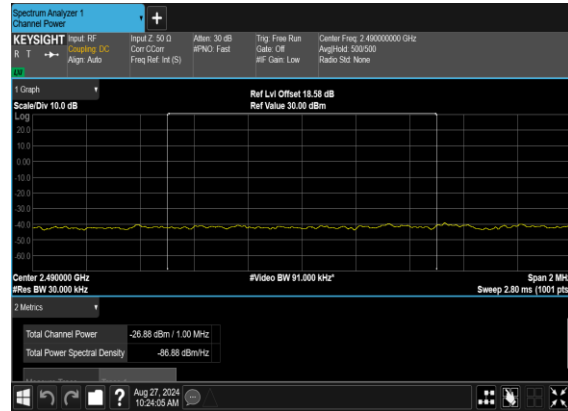




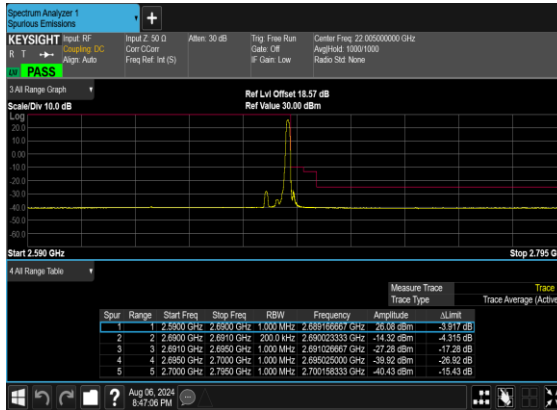
N41(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



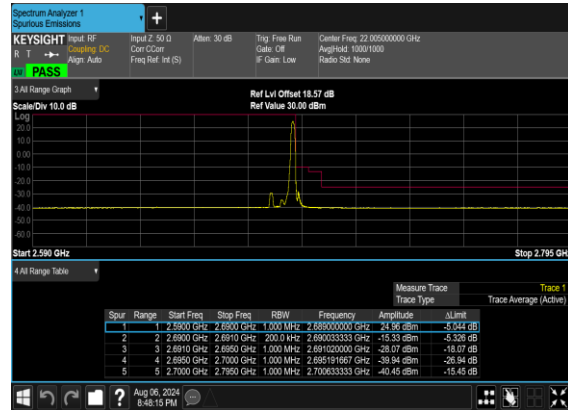
N41(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH_CHP_PASS



N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

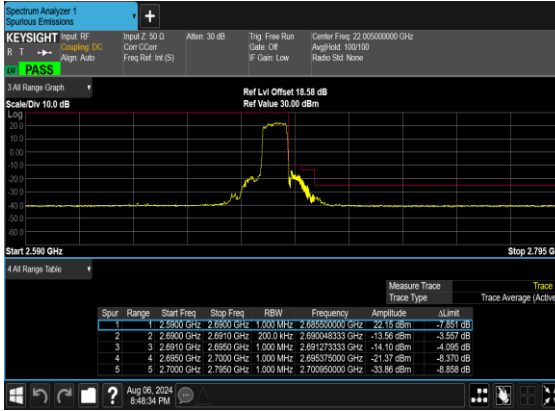


N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

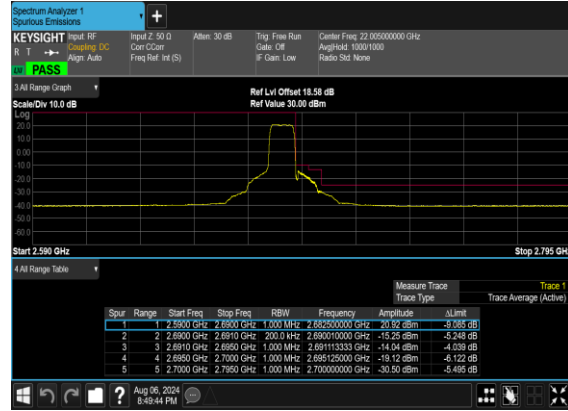




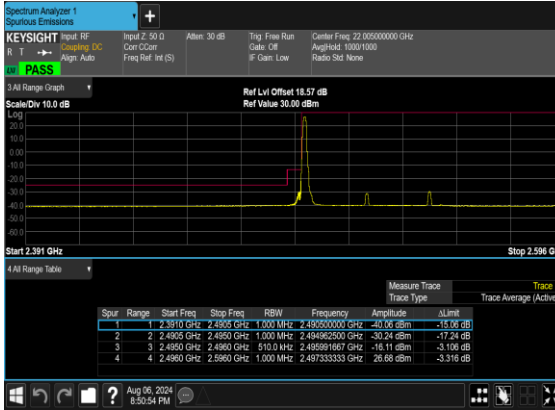
N41(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



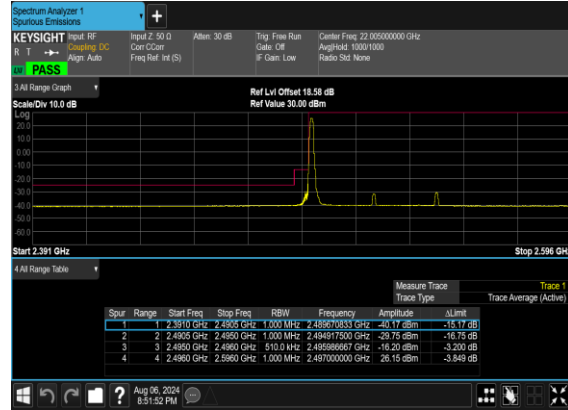
N41(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

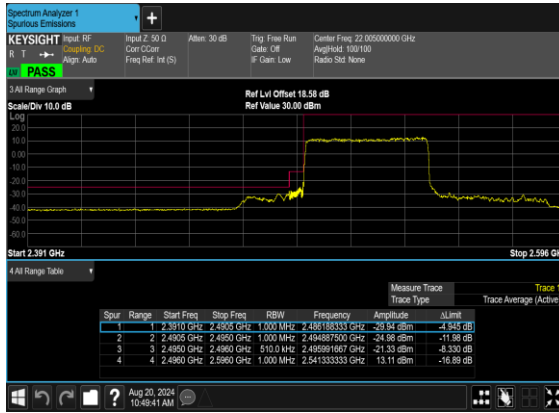


N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

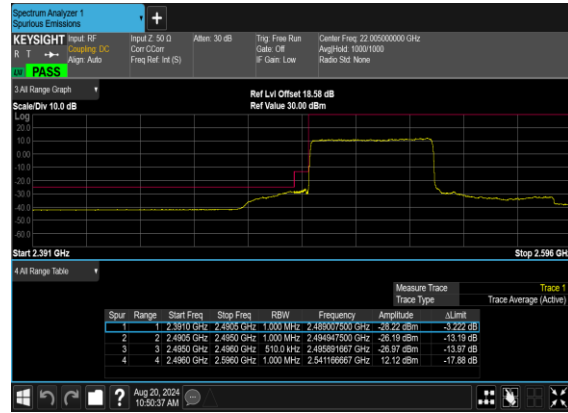




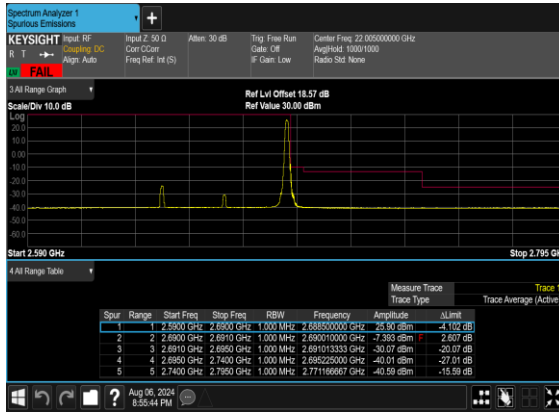
N41(50M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



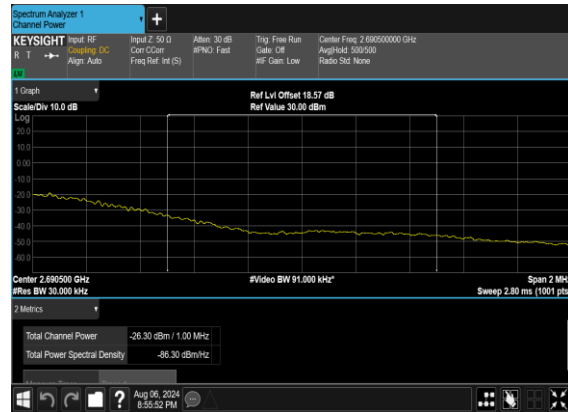
N41(50M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

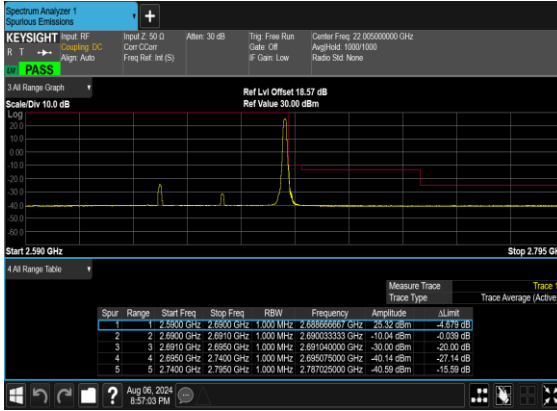


N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH_CHP_P ASS

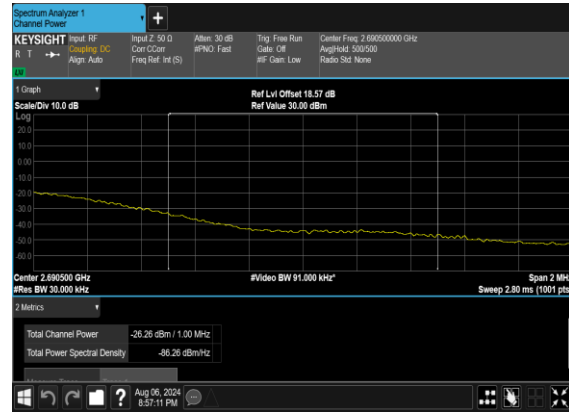




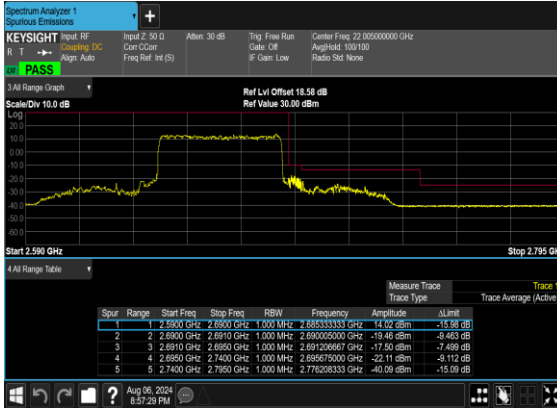
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH_CHP_P ASS



N41(50M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

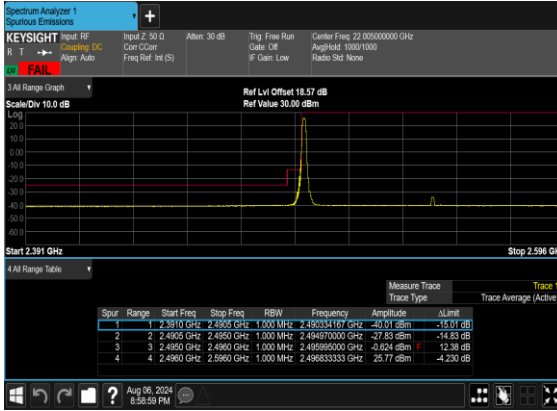


N41(50M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

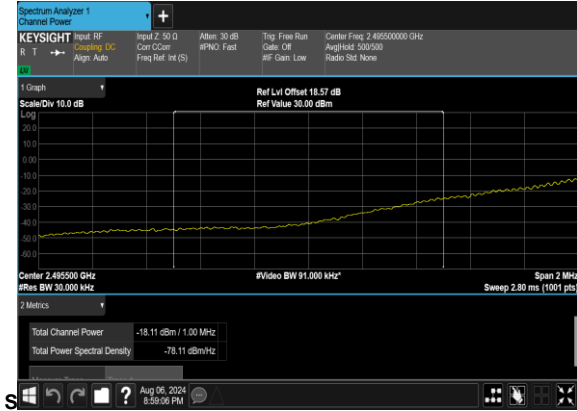




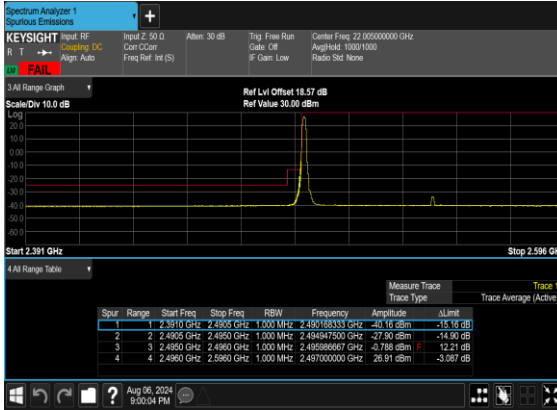
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



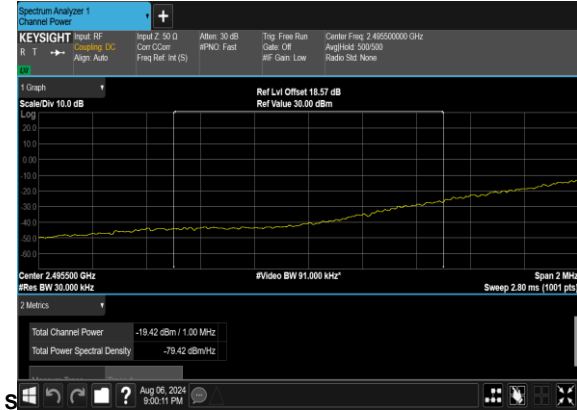
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_CHP_PAS



N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

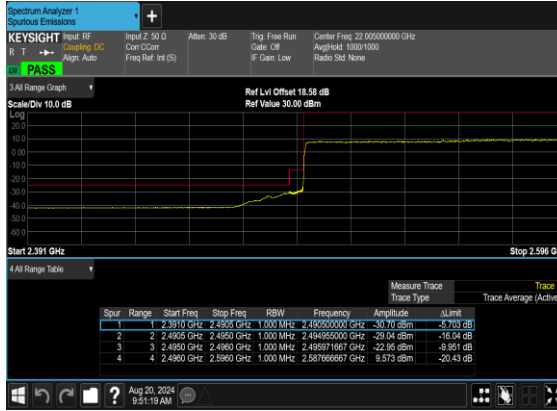


N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP_PAS

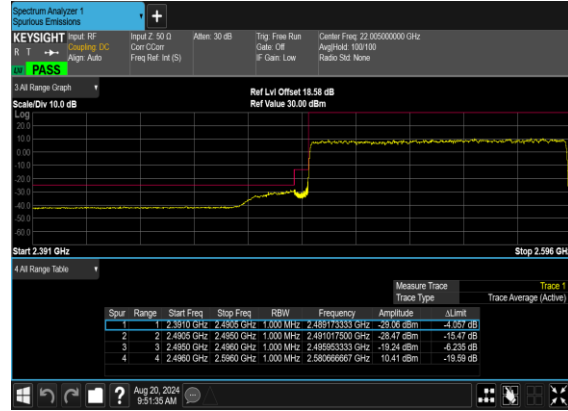




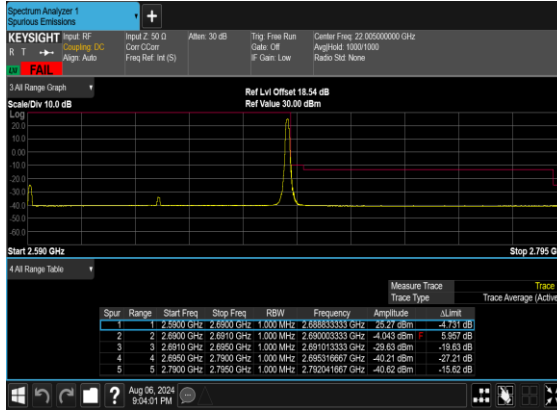
N41(100M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



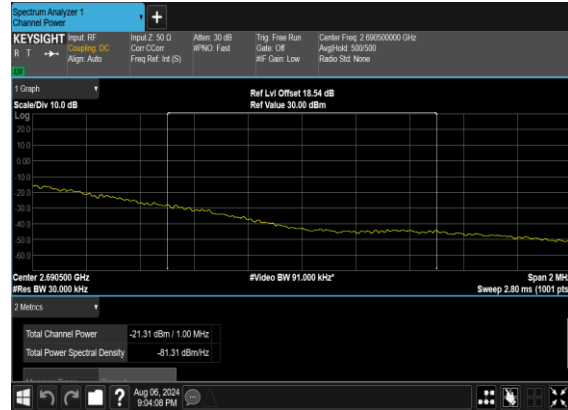
N41(100M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

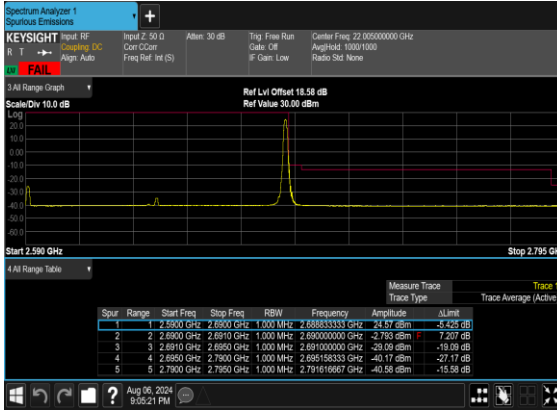


N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH_CHP_P ASS

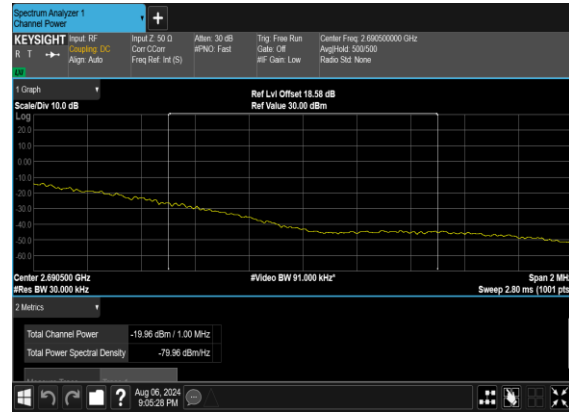




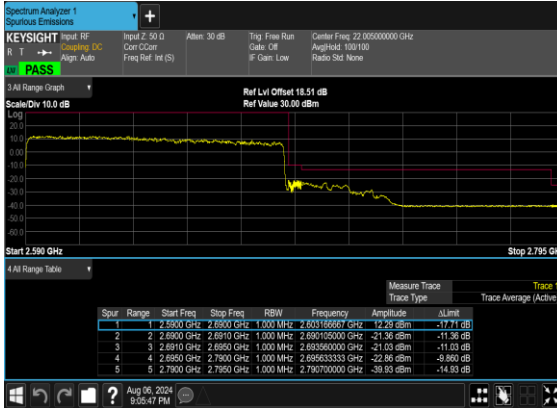
N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH_CHP_P ASS



N41(100M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N41(100M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH





Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

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

Note: Pre-scanned harmonic for the different antenna combinations, we choose the worst antenna mode to perform final test.

n7 SA / NR 40MHz / QPSK(ANT1)									
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	5032.00	-61.63	-25	-36.63	-79.03	-67.19	7.14	12.70	H
	7548.00	-55.39	-25	-30.39	-77.64	-58.69	8.30	11.60	H
	10064.00	-49.71	-25	-24.71	-76.81	-51.23	10.48	12.00	H
	5032.00	-61.40	-25	-36.40	-78.72	-66.96	7.14	12.70	V
	7548.00	-55.81	-25	-30.81	-77.9	-59.11	8.30	11.60	V
	10064.00	-49.62	-25	-24.62	-76.19	-51.14	10.48	12.00	V

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

EN-DC 2A_n7A / LTE 10MHz + NR 40MHz / QPSK (ANT8+1)									
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)
NR n7 Middle	5033.00	-61.46	-25	-36.46	-78.86	-67.02	7.14	12.70	H
	7549.50	-55.67	-25	-30.67	-77.91	-58.97	8.30	11.60	H
	10066.00	-51.99	-25	-26.99	-79.09	-53.51	10.48	12.00	H
	5033.00	-61.36	-25	-36.36	-78.68	-66.92	7.14	12.70	V
	7549.50	-55.73	-25	-30.73	-77.81	-59.03	8.30	11.60	V
	10066.00	-52.56	-25	-27.56	-79.13	-54.08	10.48	12.00	V
LTE Band2 Middle	3751.18	-62.77	-13	-49.77	-77.41	-69.52	5.85	12.60	H
	5626.77	-61.16	-13	-48.16	-78.89	-66.96	7.30	13.10	H
	7502	-55.88	-13	-42.88	-78.21	-59.03	8.35	11.50	H
	3751.18	-62.83	-13	-49.83	-77.67	-69.58	5.85	12.60	V
	5626.77	-61.44	-13	-48.44	-79.08	-67.24	7.30	13.10	V
	7502	-55.64	-13	-42.64	-77.88	-58.79	8.35	11.50	V

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



n12 SA / NR 15MHz / QPSK(ANT8)									
Channel	Frequency (MHz)	ERP (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	1401.08	-65.21	-13	-52.21	-73.35	-68.46	4.00	9.40	H
	2101.6	-64.87	-13	-51.87	-74.51	-68.44	4.88	10.60	H
	2802.16	-63.74	-13	-50.74	-75.74	-68.67	5.52	12.60	H
	1401.08	-65.14	-13	-52.14	-73.35	-68.39	4.00	9.40	V
	2101.6	-64.62	-13	-51.62	-74.63	-68.19	4.88	10.60	V
	2802.16	-63.69	-13	-50.69	-75.92	-68.62	5.52	12.60	V

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

EN-DC_48A_n12A / LTE 10MHz + NR 15MHz / QPSK (ANT2+8)									
Channel	Frequency (MHz)	ERP (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 n12 Middle	1401.08	-65.21	-13	-52.21	-73.35	-68.46	4.00	9.40	H
	2101.6	-64.87	-13	-51.87	-74.51	-68.44	4.88	10.60	H
	2802.16	-63.74	-13	-50.74	-75.74	-68.67	5.52	12.60	H
	1401.08	-65.14	-13	-52.14	-73.35	-68.39	4.00	9.40	V
	2101.6	-64.62	-13	-51.62	-74.63	-68.19	4.88	10.60	V
	2802.16	-63.69	-13	-50.69	-75.92	-68.62	5.52	12.60	V
LTE Band48 Middle	7241.00	-59.60	-40	-19.60	-50.53	-62.90	8.30	11.60	H
	10861.50	-55.43	-40	-15.43	-53.39	-56.95	10.48	12.00	H
	14482.00	-51.73	-40	-11.73	-54.06	-53.43	11.80	13.50	H
	7241.00	-58.46	-40	-18.46	-49.43	-61.76	8.30	11.60	V
	10861.50	-50.52	-40	-10.52	-48.23	-52.04	10.48	12.00	V
	14482.00	-52.13	-40	-12.13	-54.27	-53.83	11.80	13.50	V

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

n13 SA / NR 10MHz / QPSK(ANT8)									
Channel	Frequency (MHz)	ERP (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	1564	-65.86	-42.15	-23.71	-72.59	-69.11	4.00	9.40	H
	2346	-64.25	-13	-51.25	-75.00	-67.82	4.88	10.60	H
	3128	-62.88	-13	-49.88	-75.80	-67.81	5.52	12.60	H
	1564	-65.86	-42.15	-23.71	-72.80	-69.11	4.00	9.40	V
	2346	-64.16	-13	-51.16	-75.31	-67.73	4.88	10.60	V
	3128	-62.45	-13	-49.45	-75.90	-67.38	5.52	12.60	V

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



n41 SA / NR 100MHz / QPSK(ANT)									
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	5089.00	-60.73	-25	-35.73	-78.18	-66.29	7.14	12.70	H
	7633.50	-55.09	-25	-30.09	-77.35	-58.39	8.30	11.60	H
	10178.00	-51.24	-25	-26.24	-78.30	-52.76	10.48	12.00	H
	5089.00	-60.70	-25	-35.70	-78.08	-66.26	7.14	12.70	V
	7633.50	-55.23	-25	-30.23	-77.3	-58.53	8.30	11.60	V
	10178.00	-51.53	-25	-26.53	-78.18	-53.05	10.48	12.00	V

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

EN-DC_25A_n41A / LTE 10MHz + NR 100MHz / QPSK (ANT1+8)									
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)
NR n41 Middle	5089.00	-61.53	-25	-36.53	-78.98	-67.09	7.14	12.70	H
	7633.50	-55.43	-25	-30.43	-77.69	-58.73	8.30	11.60	H
	10178.00	-52.35	-25	-27.35	-79.41	-53.87	10.48	12.00	H
	5089.00	-61.52	-25	-36.52	-78.9	-67.08	7.14	12.70	V
	7633.50	-56.06	-25	-31.06	-78.13	-59.36	8.30	11.60	V
	10178.00	-51.98	-25	-26.98	-78.63	-53.50	10.48	12.00	V
LTE Band25 Middle	3756	-63.04	-13	-50.04	-77.68	-69.79	5.85	12.60	H
	5634	-60.81	-13	-47.81	-78.55	-66.61	7.30	13.10	H
	7512	-56.01	-13	-43.01	-78.31	-59.16	8.35	11.50	H
	3756	-63.28	-13	-50.28	-78.11	-70.03	5.85	12.60	V
	5634	-61.42	-13	-48.42	-79.06	-67.22	7.30	13.10	V
	7512	-56.09	-13	-43.09	-78.28	-59.24	8.35	11.50	V

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

N41 TXD SA / NR 100MHz / QPSK(ANT1+8)									
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	5089.00	-61.62	-25	-36.62	-79.07	-67.18	7.14	12.70	H
	7633.50	-55.98	-25	-30.98	-78.24	-59.28	8.30	11.60	H
	10178.00	-51.50	-25	-26.50	-78.56	-53.02	10.48	12.00	H
	5089.00	-61.33	-25	-36.33	-78.71	-66.89	7.14	12.70	V
	7633.50	-55.86	-25	-30.86	-77.93	-59.16	8.30	11.60	V
	10178.00	-51.77	-25	-26.77	-78.42	-53.29	10.48	12.00	V

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



N41 UL MIMO SA / NR 100MHz / QPSK(ANT1+8)									
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	5089.00	-61.56	-25	-36.56	-79.01	-67.12	7.14	12.70	H
	7633.50	-55.88	-25	-30.88	-78.14	-59.18	8.30	11.60	H
	10178.00	-52.06	-25	-27.06	-79.12	-53.58	10.48	12.00	H
	5089.00	-61.99	-25	-36.99	-79.37	-67.55	7.14	12.70	V
	7633.50	-56.21	-25	-31.21	-78.28	-59.51	8.30	11.60	V
	10178.00	-52.43	-25	-27.43	-79.08	-53.95	10.48	12.00	V

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