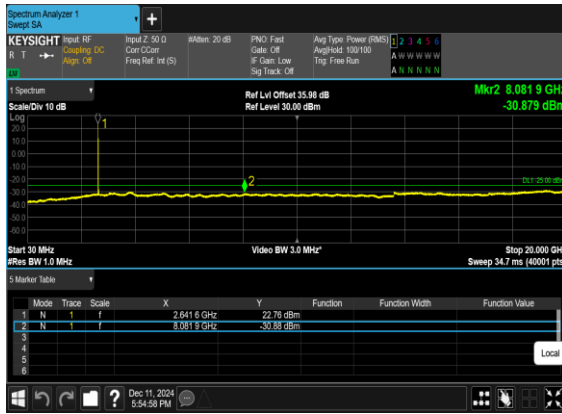
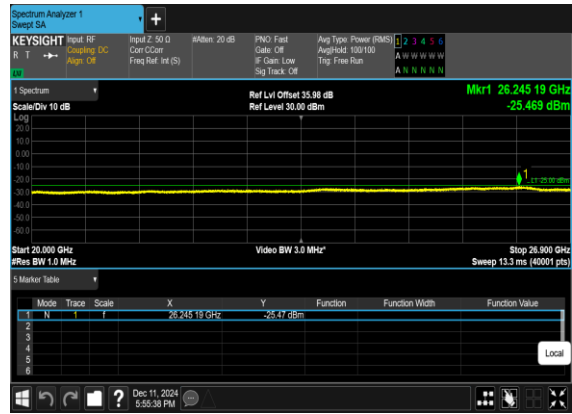




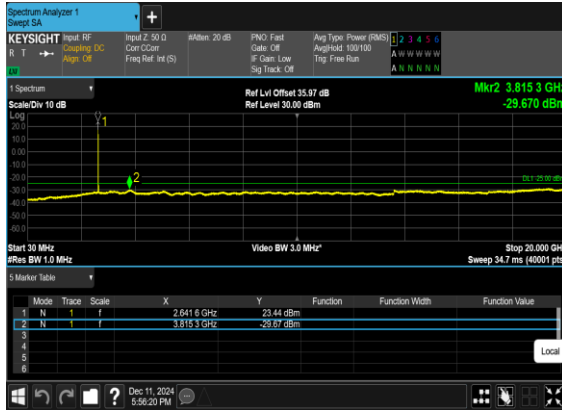
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

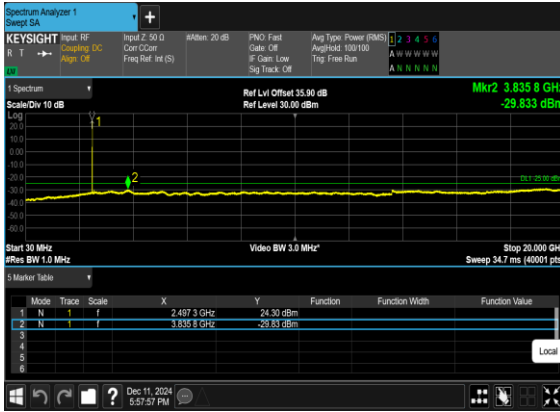


N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

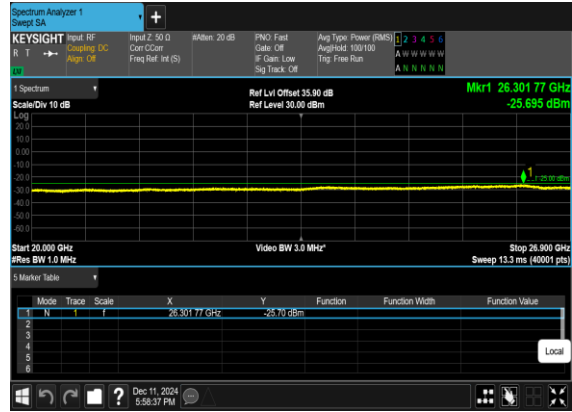




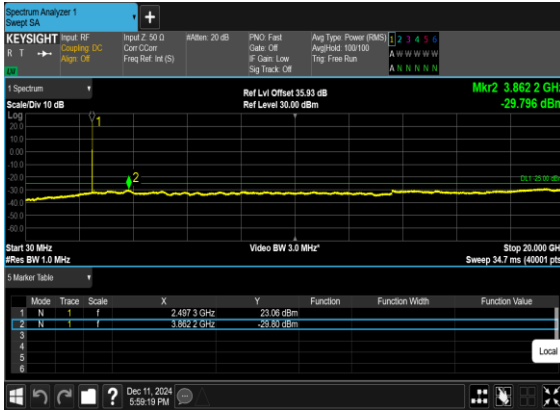
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



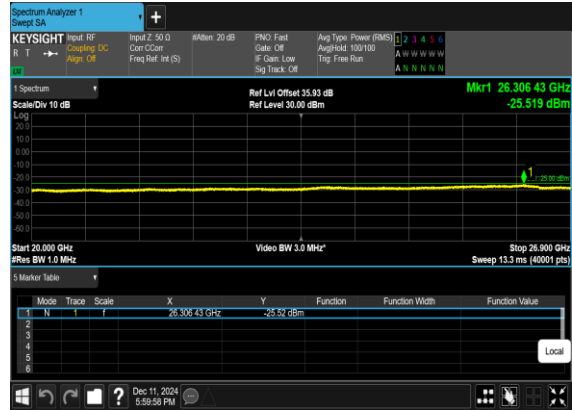
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

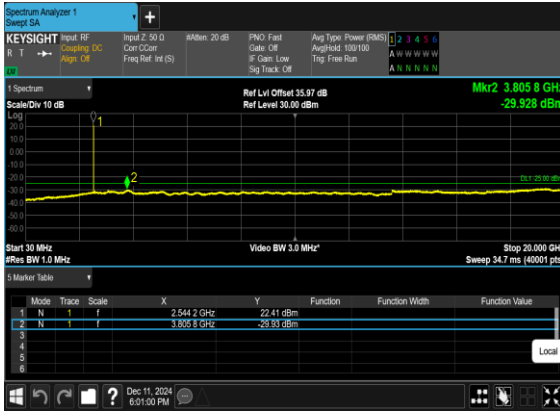


N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

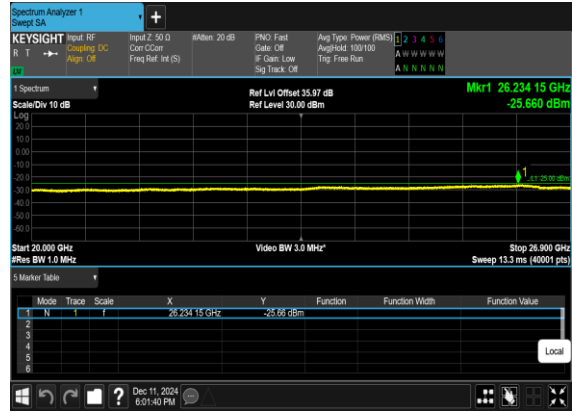




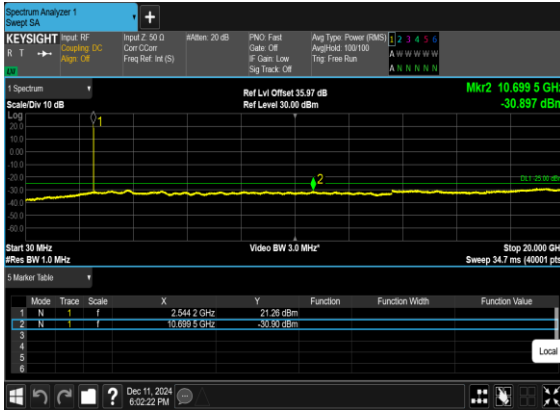
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



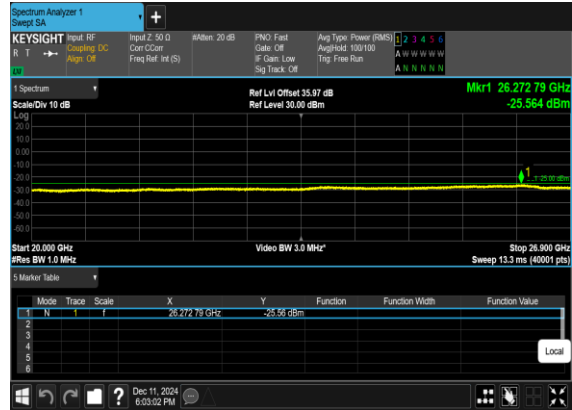
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

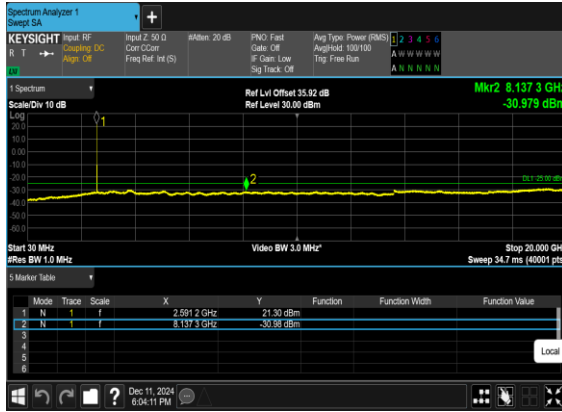


N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH





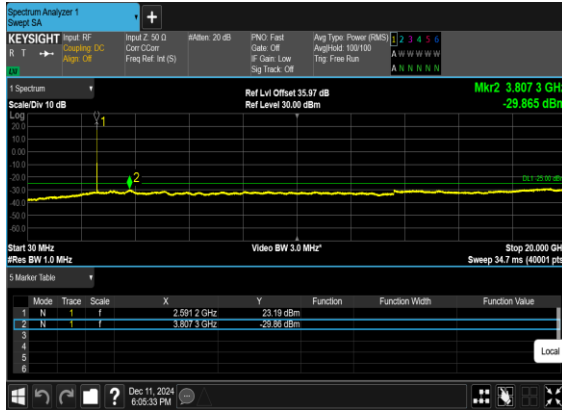
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



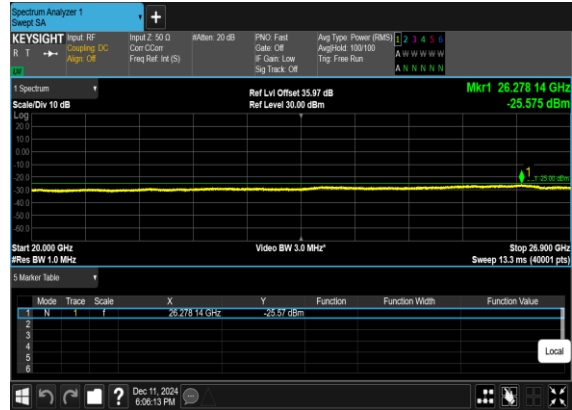
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



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



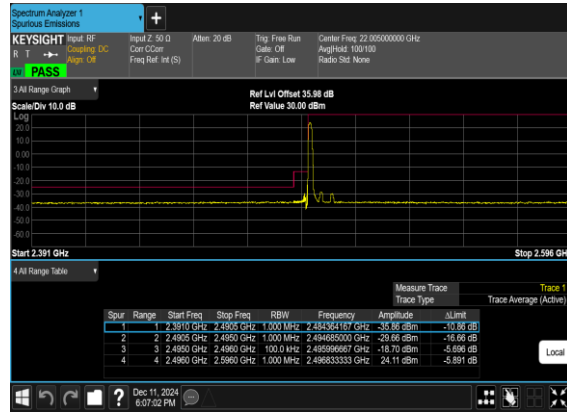
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	1@272	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	1@272	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	270@0	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	270@0	see graph	PASS



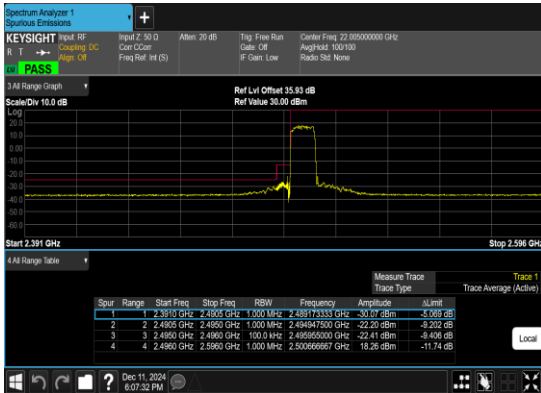
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



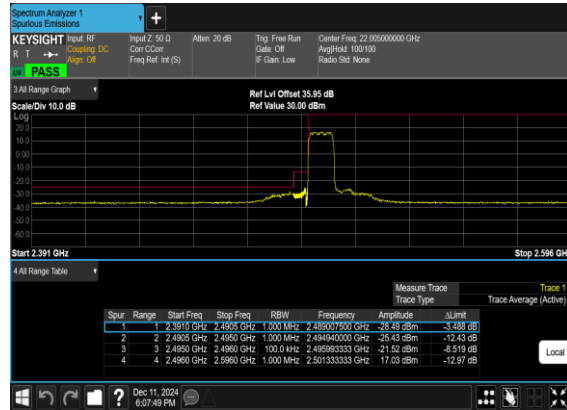
N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N41(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

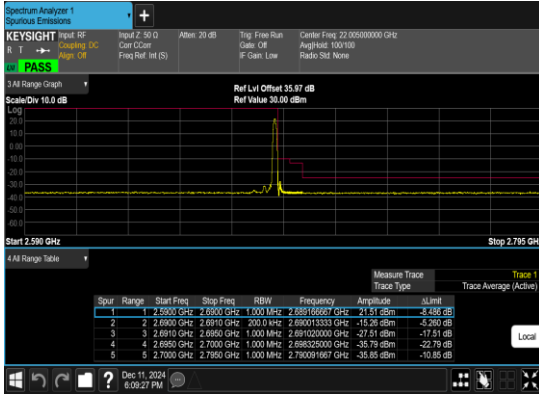


N41(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

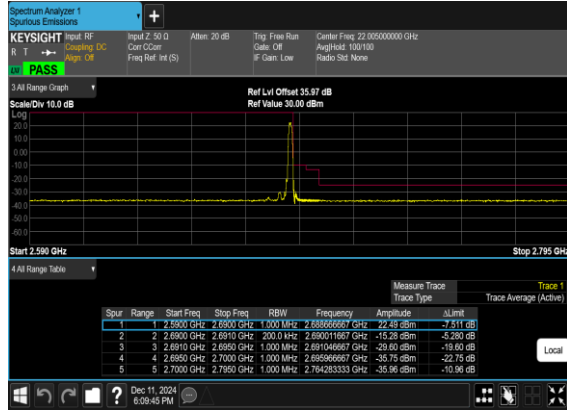




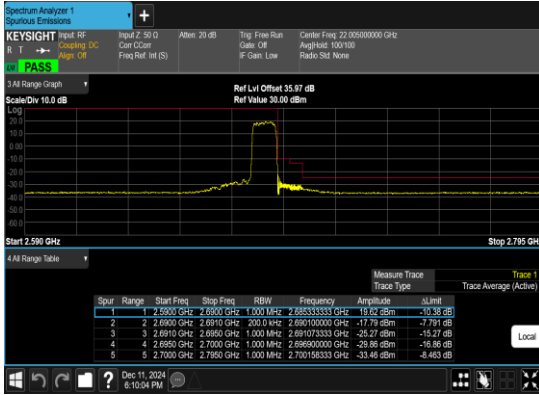
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



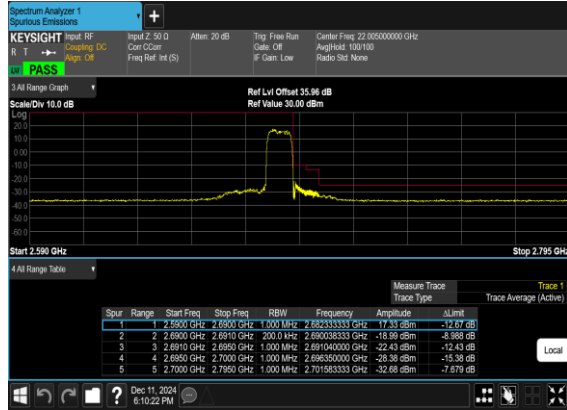
N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N41(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

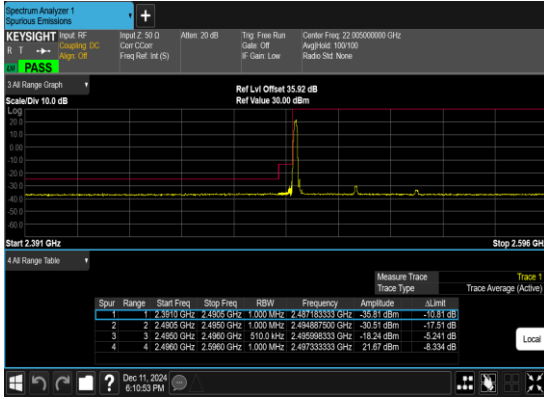


N41(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

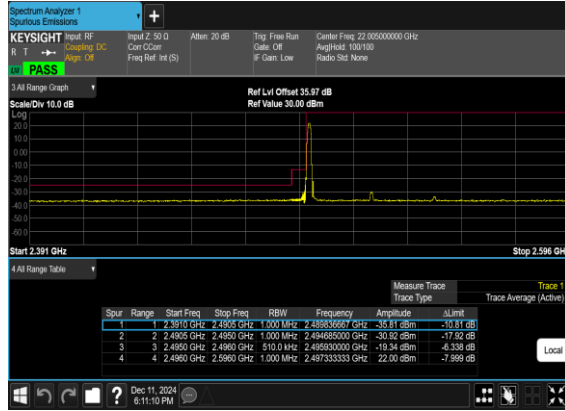




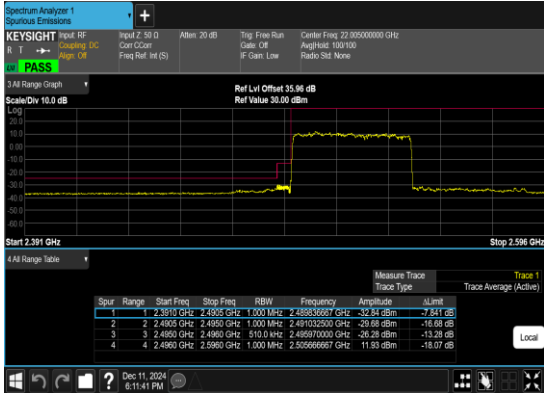
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



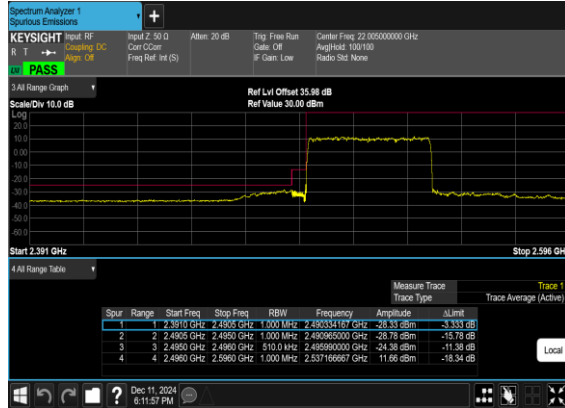
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N41(50M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

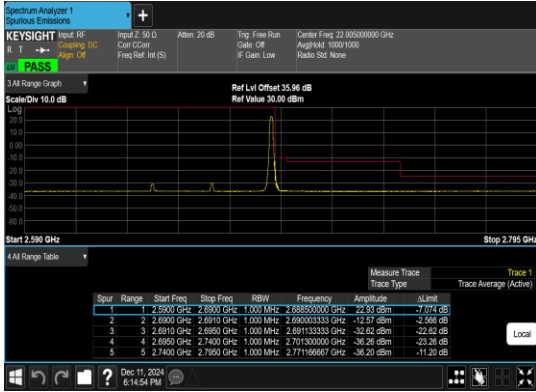


N41(50M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

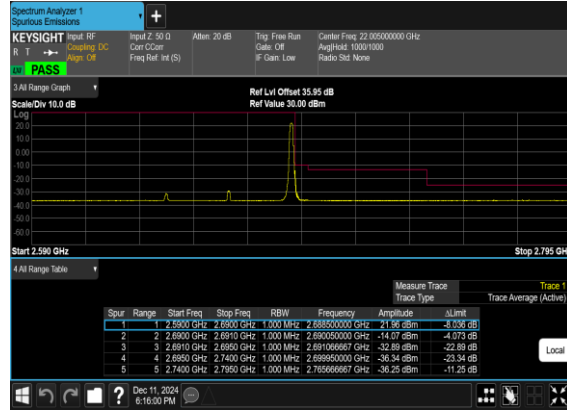




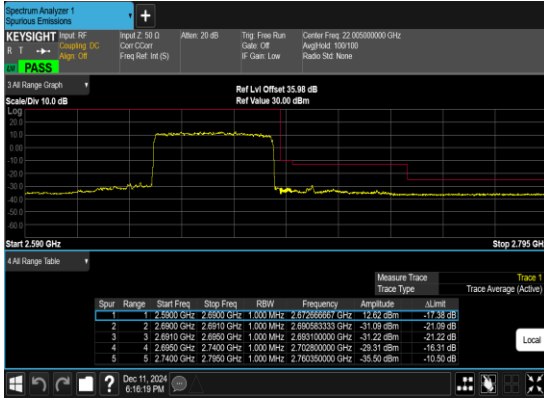
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



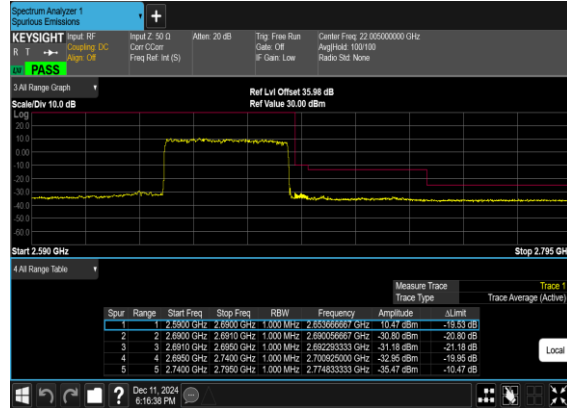
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N41(50M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

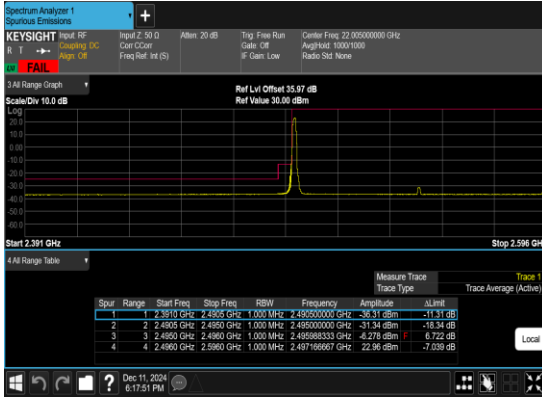


N41(50M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

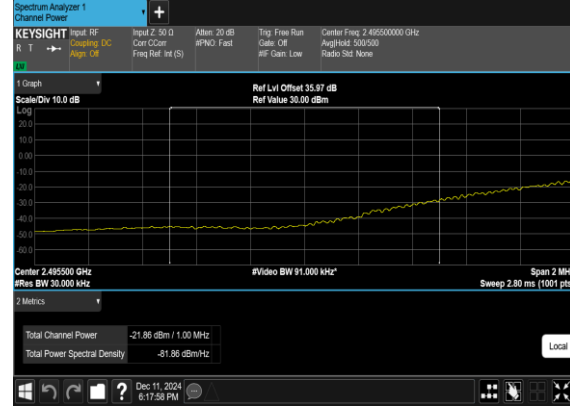




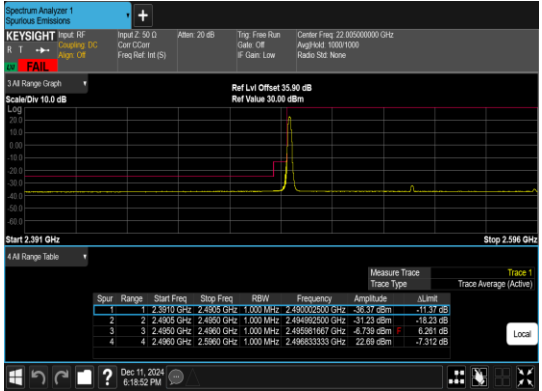
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



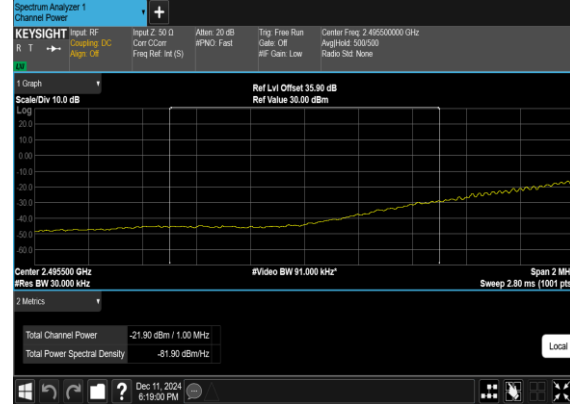
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_CHP_PASS



N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

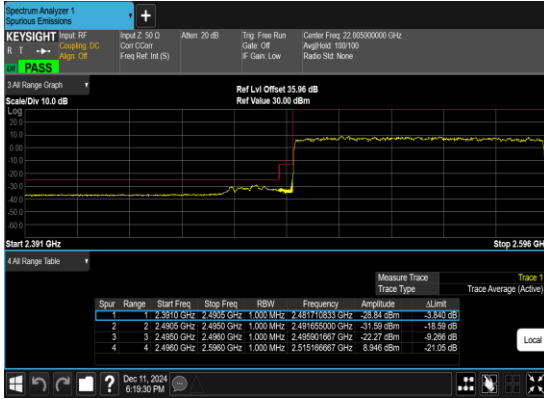


N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP_PASS

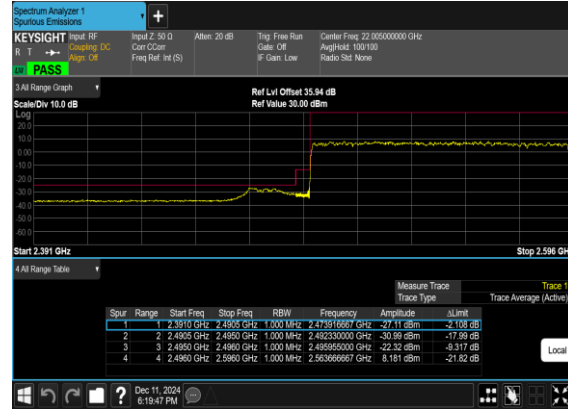




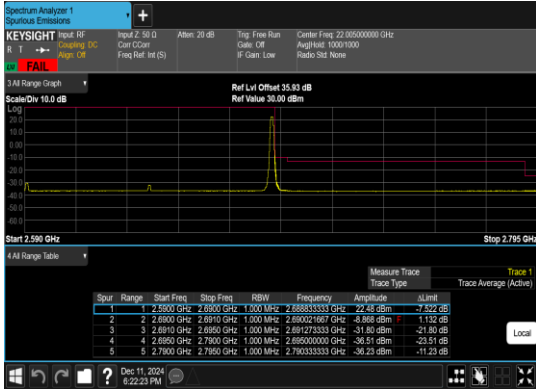
N41(100M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



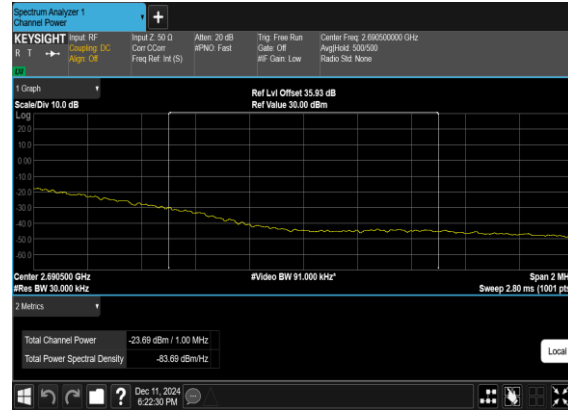
N41(100M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



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

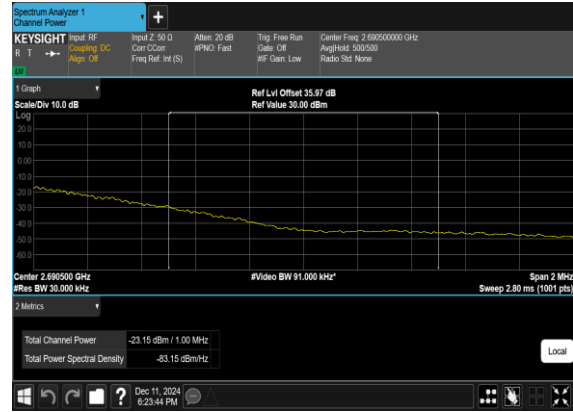




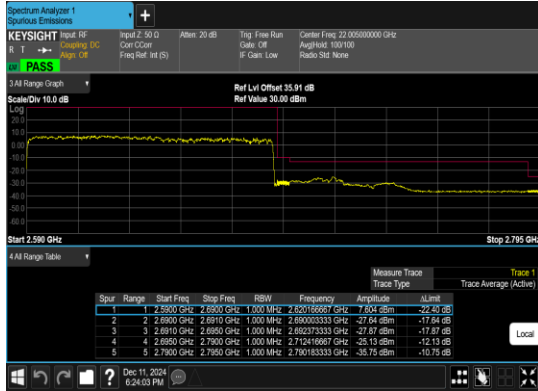
N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



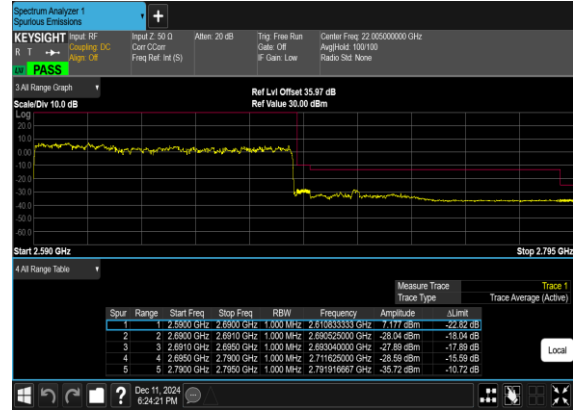
N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH_chp_P ASS



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 :	Chris	Temperature :	21~25°C
		Relative Humidity :	51~53%

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

n7 SA / NR 50MHz / QPSK(ANT1) -open status								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5025	-58.83	-25	-33.83	-69.04	3.03	13.24	H
	7530	-41.31	-25	-16.31	-50.76	3.56	13.01	H
	10050	-48.68	-25	-23.68	-58.20	3.92	13.44	H
	5025	-59.68	-25	-34.68	-69.89	3.03	13.24	V
	7530	-39.01	-25	-14.01	-48.46	3.56	13.01	V
	10050	-49.19	-25	-24.19	-58.71	3.92	13.44	V

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

n7 SA / NR 50MHz / QPSK(ANT3) - closed status								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5025	-59.48	-25	-34.48	-69.69	3.03	13.24	H
	7530	-54.71	-25	-29.71	-64.16	3.56	13.01	H
	10050	-48.91	-25	-23.91	-58.43	3.92	13.44	H
	5025	-59.57	-25	-34.57	-69.78	3.03	13.24	V
	7530	-54.58	-25	-29.58	-64.03	3.56	13.01	V
	10050	-49.24	-25	-24.24	-58.76	3.92	13.44	V

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

EN-DC_66A_n7A / LTE 10MHz + NR 50MHz / QPSK (ANT1+0) -open status								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5036	-61.56	-25	-36.56	-71.77	3.03	13.24	H
	7556	-60.04	-25	-35.04	-69.49	3.56	13.01	H
	10062	-60.94	-25	-35.94	-70.46	3.92	13.44	H
	5036	-61.89	-25	-36.89	-72.10	3.03	13.24	V
	7556	-61.04	-25	-36.04	-70.49	3.56	13.01	V
	10062	-60.88	-25	-35.88	-70.40	3.92	13.44	V

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



n41 SA / NR 100MHz / QPSK(ANT0) -open status								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5092	-54.73	-25	-29.73	-64.94	3.03	13.24	H
	7626	-44.52	-25	-19.52	-53.97	3.56	13.01	H
	10188	-50.90	-25	-25.90	-60.42	3.92	13.44	H
	5092	-52.34	-25	-27.34	-62.55	3.03	13.24	V
	7626	-39.24	-25	-14.24	-48.69	3.56	13.01	V
	10188	-51.13	-25	-26.13	-60.65	3.92	13.44	V

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

n41 SA / NR 100MHz / QPSK(ANT1) for Other PA --open status								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5092	-54.42	-25	-29.42	-64.63	3.03	13.24	H
	7626	-39.42	-25	-14.42	-48.87	3.56	13.01	H
	10188	-48.46	-25	-23.46	-57.98	3.92	13.44	H
	5092	-55.11	-25	-30.11	-65.32	3.03	13.24	V
	7626	-43.16	-25	-18.16	-52.61	3.56	13.01	V
	10188	-48.36	-25	-23.36	-57.88	3.92	13.44	V

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

n41 UL MIMO SA / NR 100MHz / QPSK(ANT0+1) -open status								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5092	-63.79	-25	-38.79	-74.00	3.03	13.24	H
	7640	-61.53	-25	-36.53	-70.98	3.56	13.01	H
	10188	-60.15	-25	-35.15	-69.67	3.92	13.44	H
	5092	-63.78	-25	-38.78	-73.99	3.03	13.24	V
	7640	-60.66	-25	-35.66	-70.11	3.56	13.01	V
	10188	-60.08	-25	-35.08	-69.60	3.92	13.44	V

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

EN-DC_66A_n41A / LTE 10MHz + NR 100MHz / QPSK (ANT1+0) -open status								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5092	-50.44	-25	-25.44	-60.65	3.03	13.24	H
	7626	-44.94	-25	-19.94	-54.39	3.56	13.01	H
	10188	-49.28	-25	-24.28	-58.80	3.92	13.44	H
	5092	-55.39	-25	-30.39	-65.60	3.03	13.24	V
	7626	-46.89	-25	-21.89	-56.34	3.56	13.01	V
	10188	-49.02	-25	-24.02	-58.54	3.92	13.44	V

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