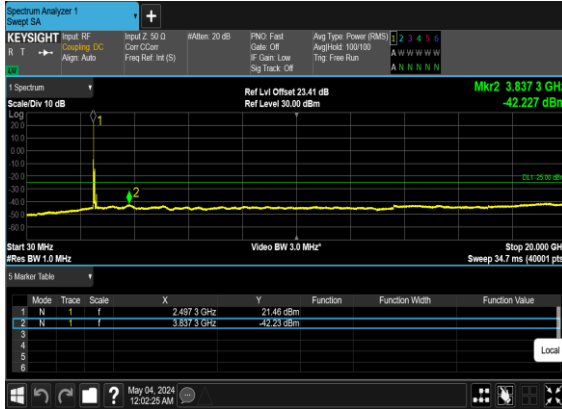
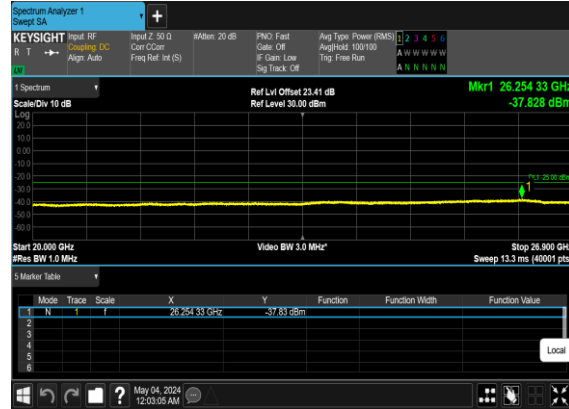




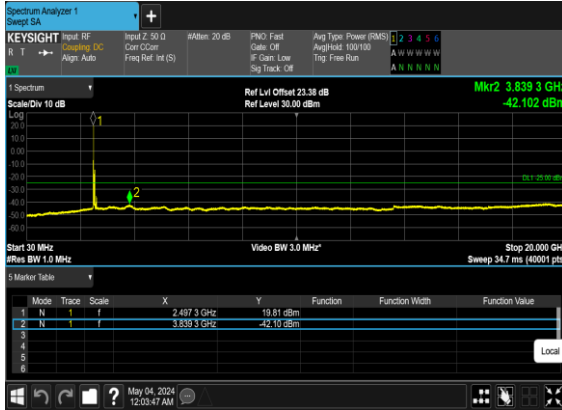
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



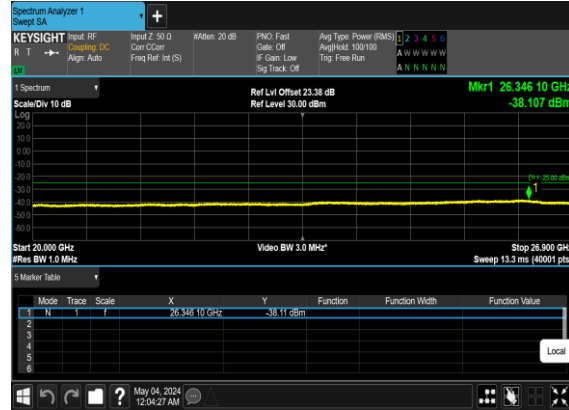
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



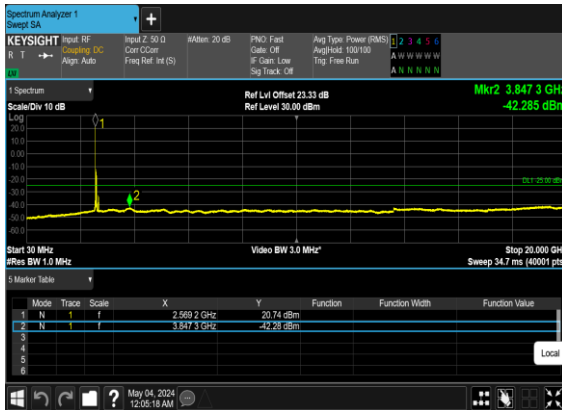
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH

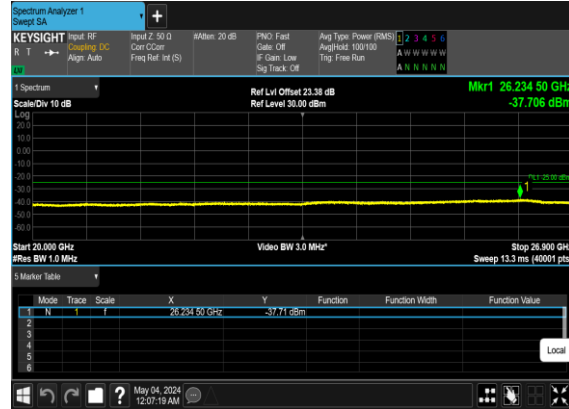




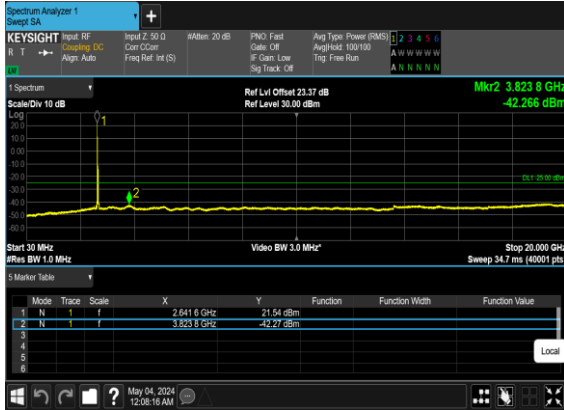
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



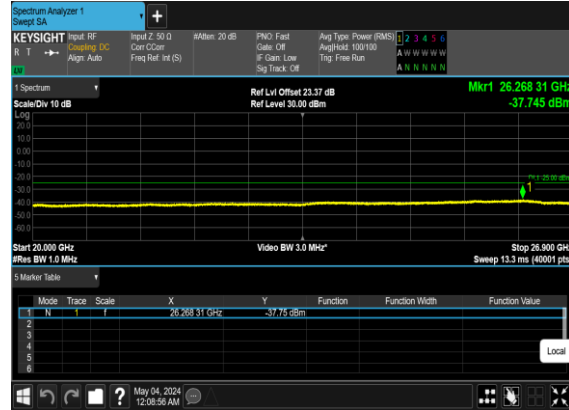
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



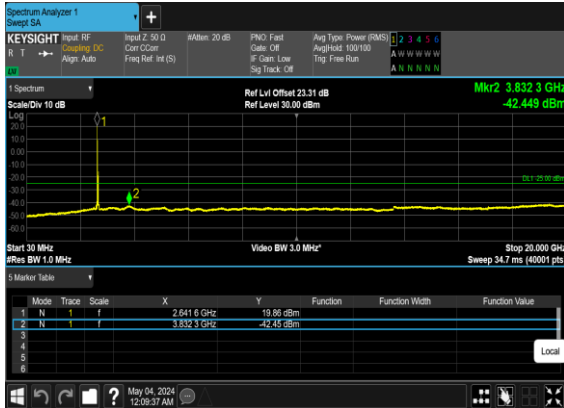
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



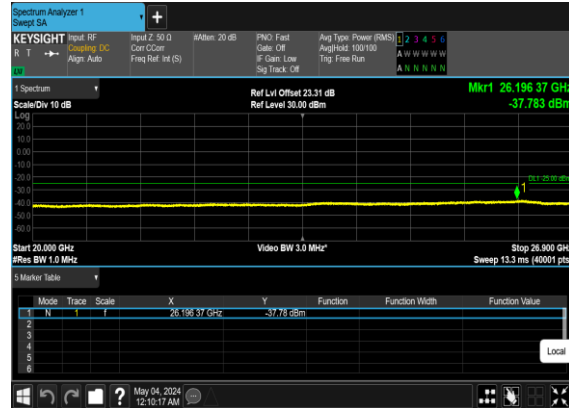
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

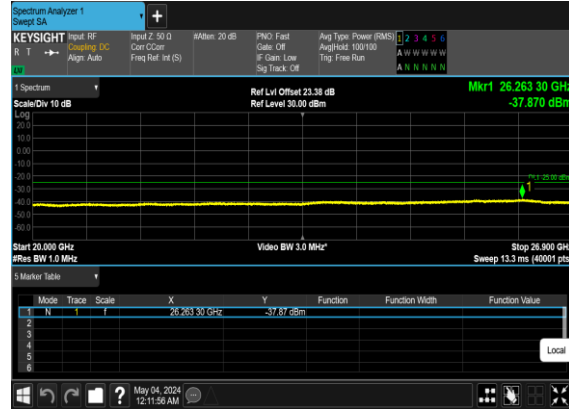




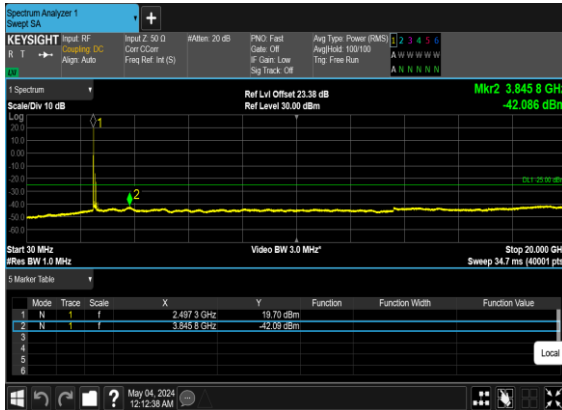
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



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

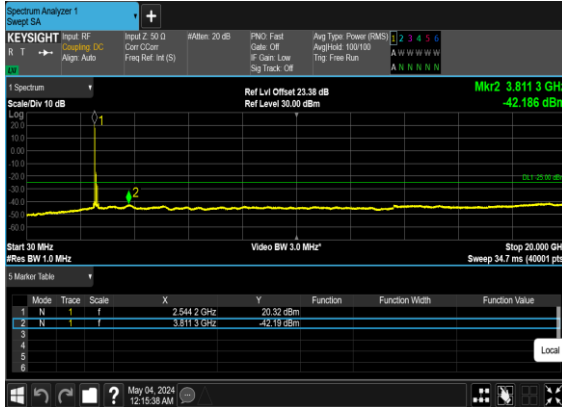


N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH

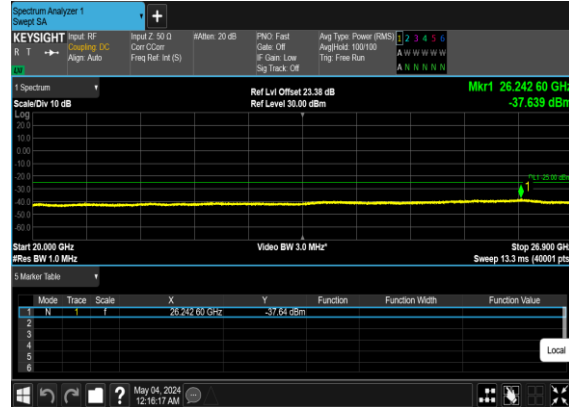




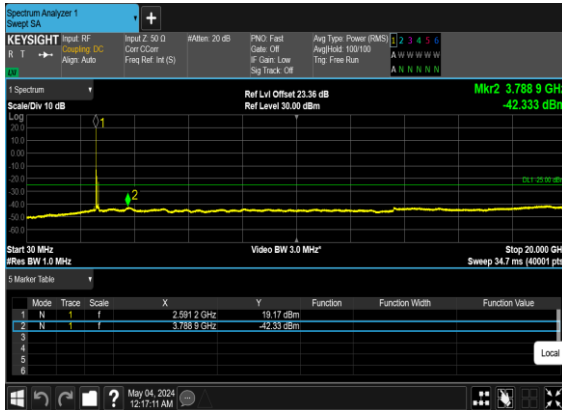
N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



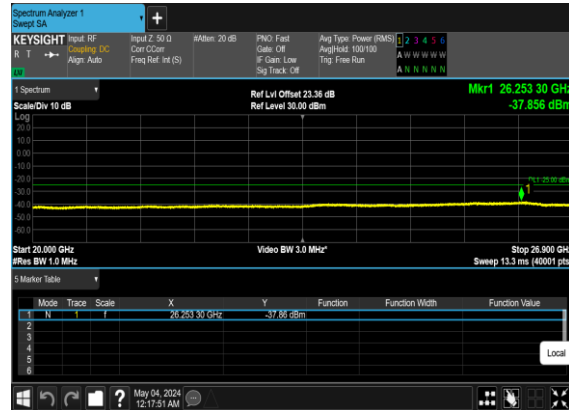
N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



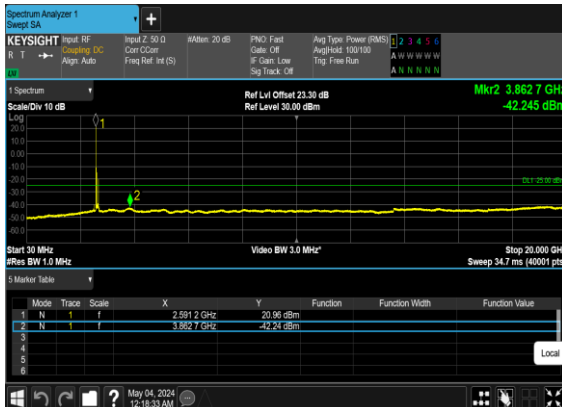
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



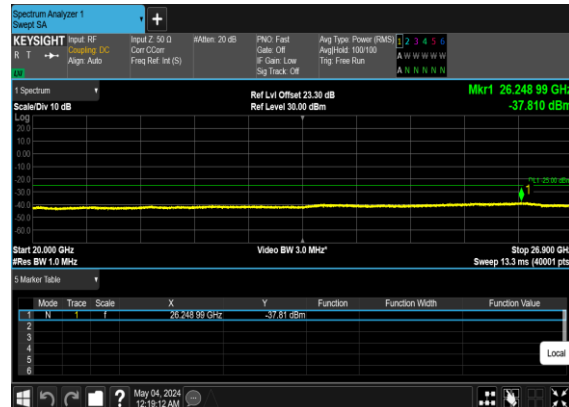
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



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

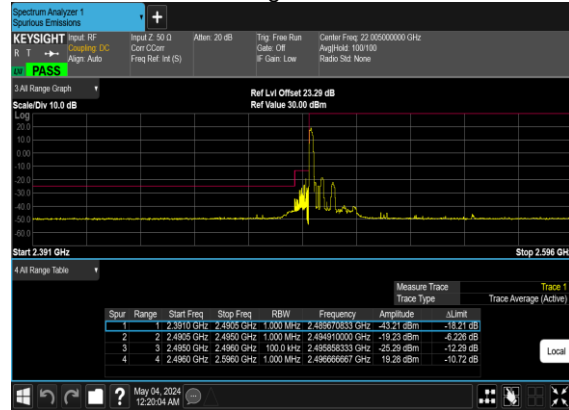
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	30	10	500202	2501.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	10	500202	2501.01	DFT-s-OFDM BPSK	24@0	see graph	PASS
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	24@0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



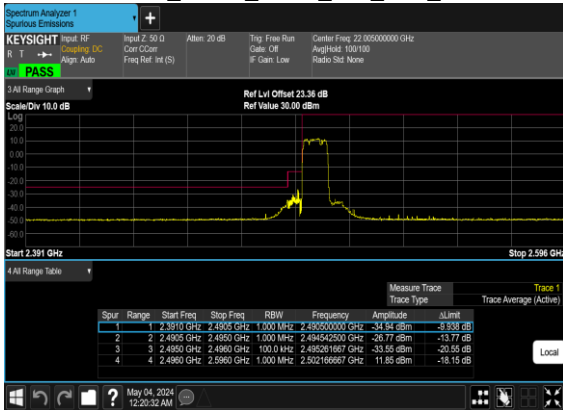
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



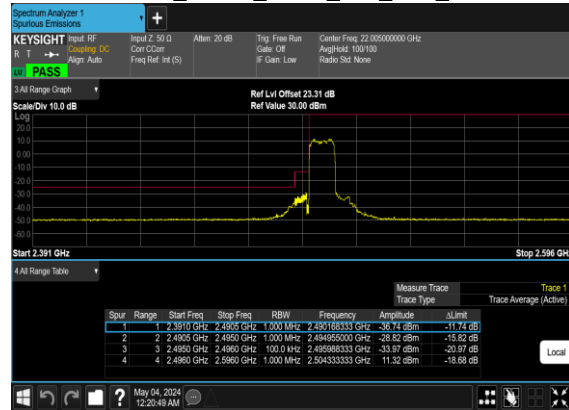
N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



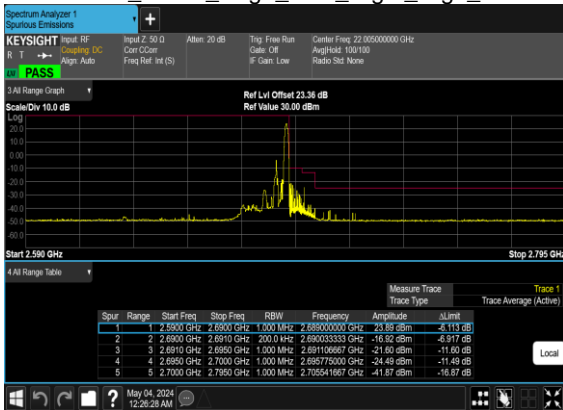
N41(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



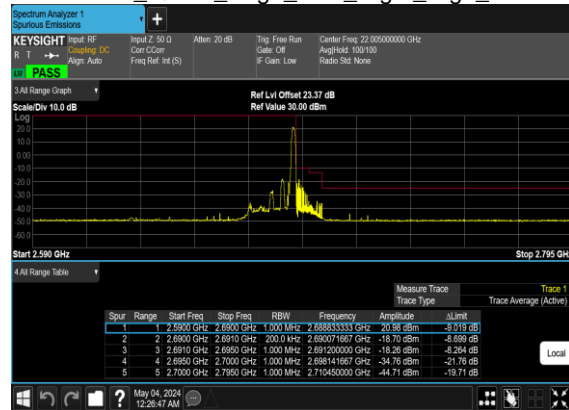
N41(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

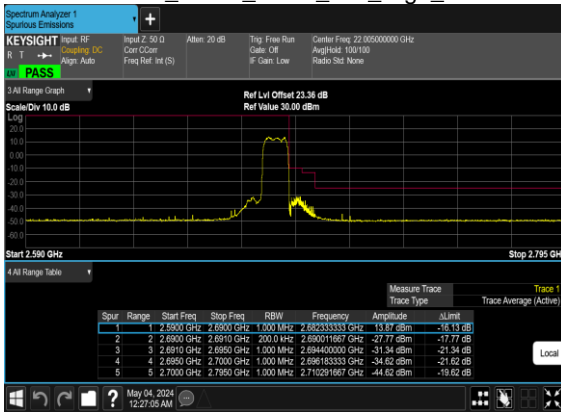


N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

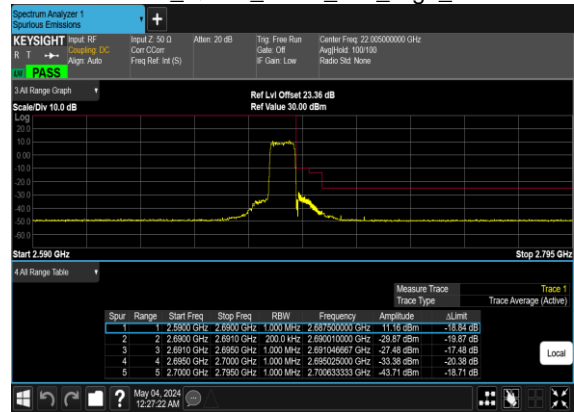




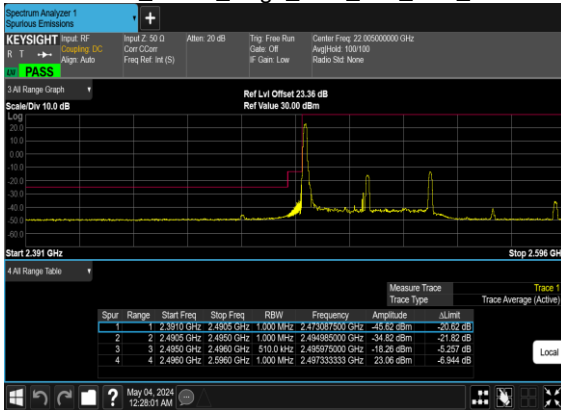
N41(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



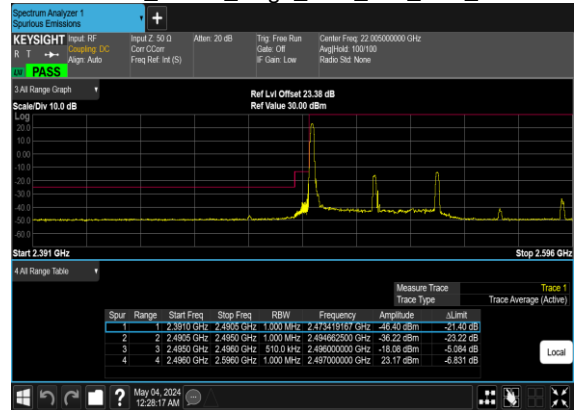
N41(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



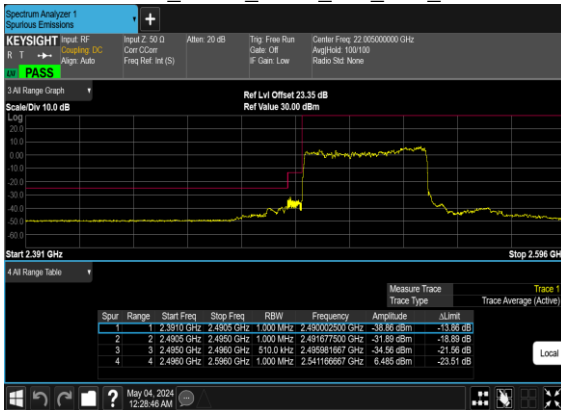
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



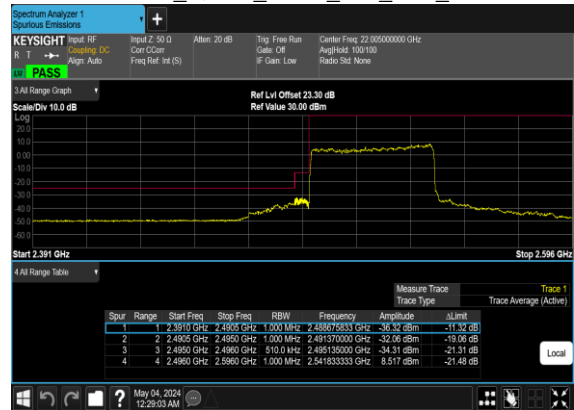
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N41(50M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

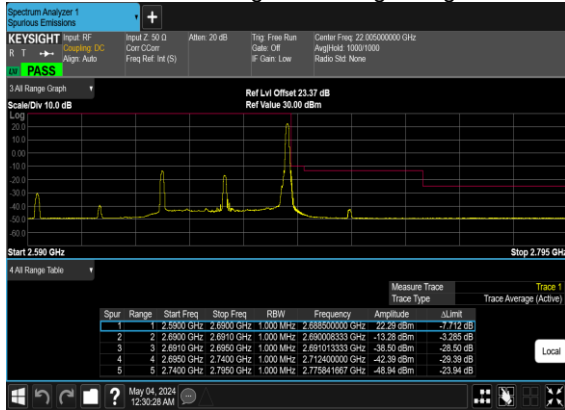


N41(50M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

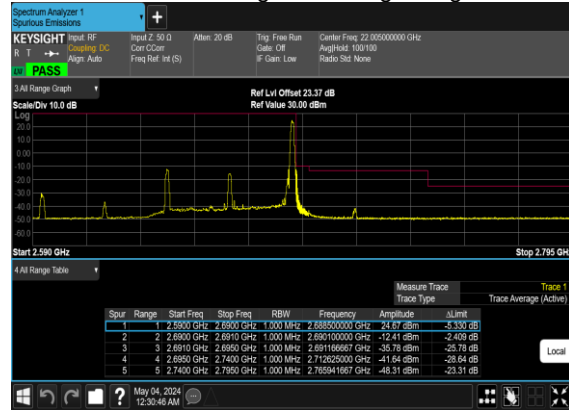




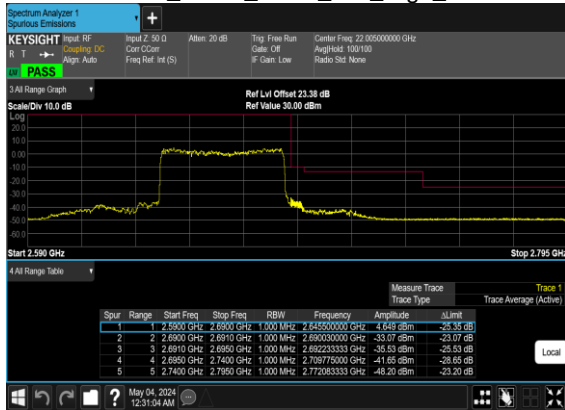
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



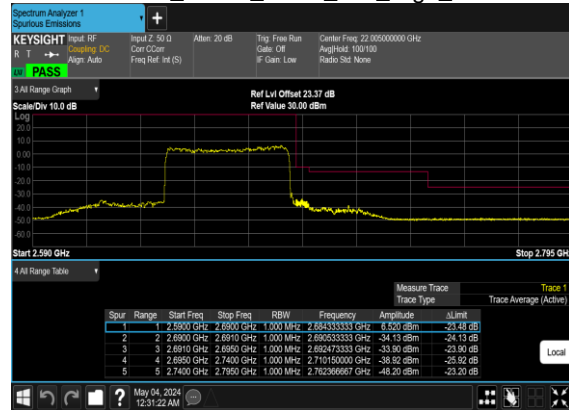
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



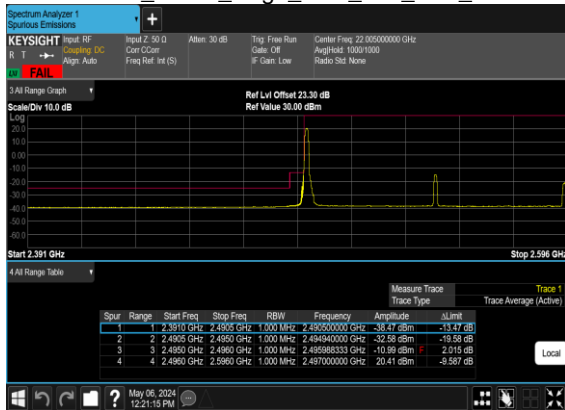
N41(50M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



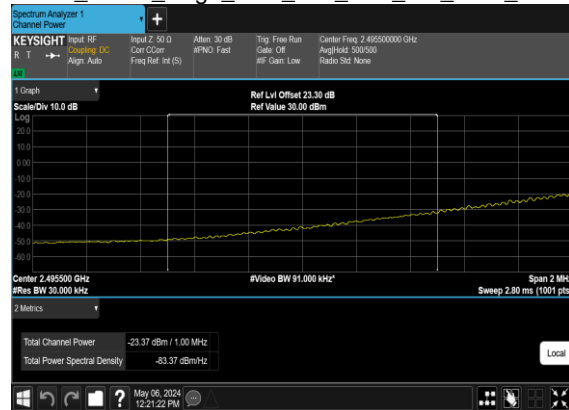
N41(50M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

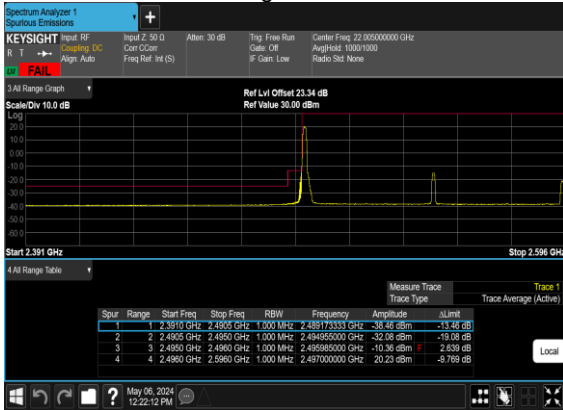


N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH CHP_PASS

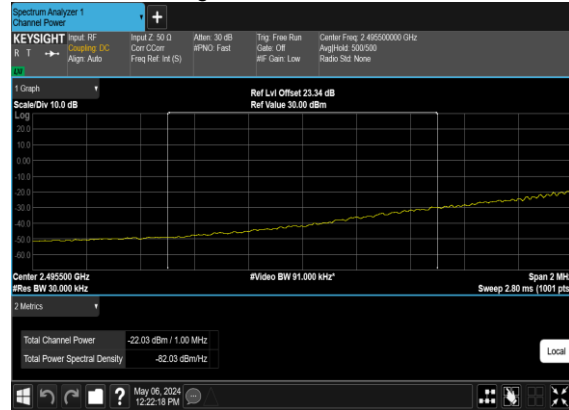




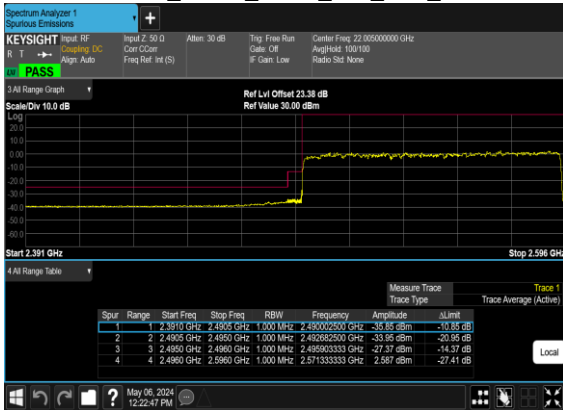
N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



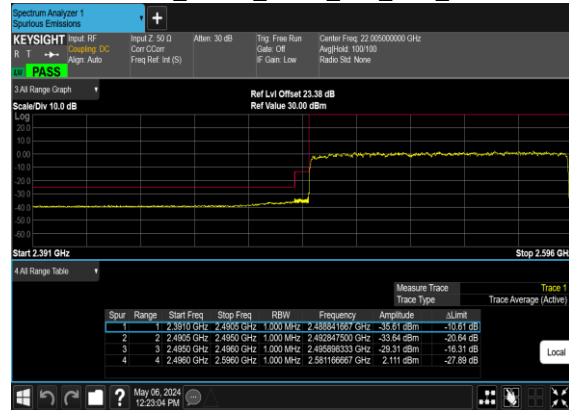
N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP_PASS



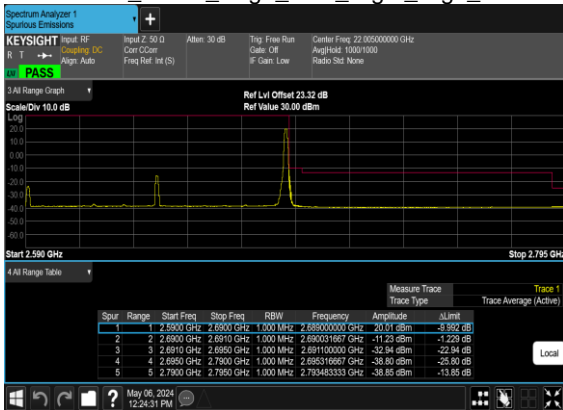
N41(100M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



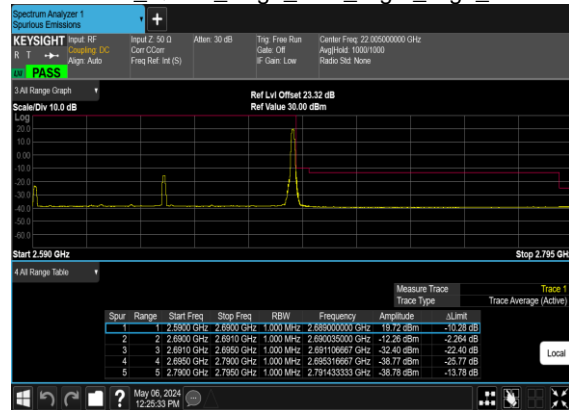
N41(100M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

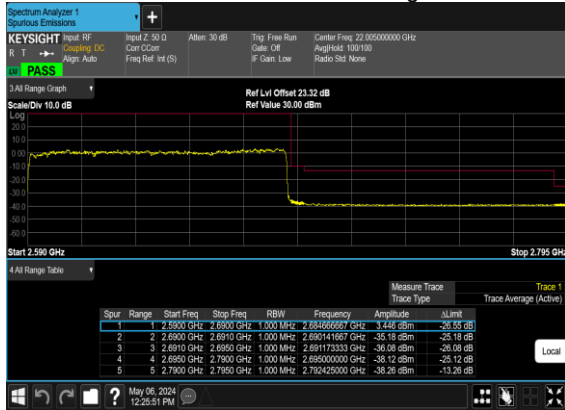


N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

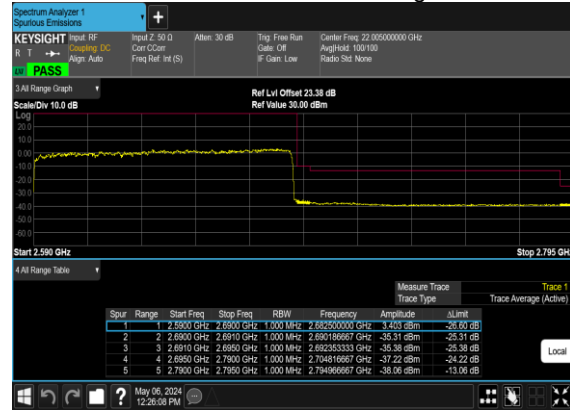




N41(100M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N41(100M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



Note: "CHP" means channel power integrated method.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Kuang Jia	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 50MHz / 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	4974.00	-49.46	-25	-24.46	-66.89	-55.02	7.14	12.70	H
	7461.00	-50.60	-25	-25.60	-73.10	-53.90	8.30	11.60	H
	9948.00	-46.55	-25	-21.55	-73.64	-48.07	10.48	12.00	H
	4974.00	-50.09	-25	-25.09	-67.46	-55.65	7.14	12.70	V
	7461.00	-54.49	-25	-29.49	-76.95	-57.79	8.30	11.60	V
	9948.00	-42.17	-25	-17.17	-68.71	-43.69	10.48	12.00	V

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

EN-DC_5A_n7A / LTE 20MHz + NR 40MHz / QPSK (ANT0+4)									
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	5031.41	-39.92	-25	-14.92	-61.96	-45.48	7.14	12.70	H
	7547.12	-54.51	-25	-29.51	-81.26	-57.81	8.30	11.60	H
	10062.82	-46.93	-25	-21.93	-78.38	-48.45	10.48	12.00	H
	5031.41	-42.19	-25	-17.19	-64.32	-47.75	7.14	12.70	V
	7547.12	-52.02	-25	-27.02	-78.74	-55.32	8.30	11.60	V
	10062.82	-47.28	-25	-22.28	-77.21	-48.80	10.48	12.00	V
LTE Band5 Middle	1664	-65.97	-13	-52.97	-75.91	-69.22	4.00	9.40	H
	2496	-42.24	-13	-29.24	-56.68	-45.81	4.88	10.60	H
	3328	-62.59	-13	-49.59	-78.75	-67.52	5.52	12.60	H
	1664	-66.40	-13	-53.40	-75.94	-69.65	4.00	9.40	V
	2496	-44.72	-13	-31.72	-59.12	-48.29	4.88	10.60	V
	3328	-62.83	-13	-49.83	-78.75	-67.76	5.52	12.60	V

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



SA n41 / NR 100MHz / QPSK (ANT4)									
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	-48.35	-25	-23.35	-65.80	-53.91	7.14	12.70	H
	7633.50	-56.84	-25	-31.84	-79.10	-60.14	8.30	11.60	H
	10178.00	-45.42	-25	-20.42	-72.48	-46.94	10.48	12.00	H
	5089.00	-53.27	-25	-28.27	-70.65	-58.83	7.14	12.70	V
	7633.50	-56.86	-25	-31.86	-78.93	-60.16	8.30	11.60	V
	10178.00	-40.35	-25	-15.35	-67	-41.87	10.48	12.00	V

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

EN-DC_4A_n41 / LTE 20MHz + NR 100MHz / QPSK (ANT0+4)									
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	5088.34	-51.67	-25	-26.67	-73.63	-57.23	7.14	12.70	H
	7632.51	-54.96	-25	-29.96	-81.61	-58.26	8.30	11.60	H
	10176.68	-49.78	-25	-24.78	-81.10	-51.30	10.48	12.00	H
	5088.34	-46.65	-25	-21.65	-68.77	-52.21	7.14	12.70	V
	7632.51	-53.30	-25	-28.30	-79.87	-56.60	8.30	11.60	V
	10176.68	-48.03	-25	-23.03	-78.1	-49.55	10.48	12.00	V
LTE Band4 Middle	3447	-62.05	-13	-49.05	-78.82	-68.80	5.85	12.60	H
	5170.5	-60.96	-13	-47.96	-82.79	-66.76	7.30	13.10	H
	6894	-56.92	-13	-43.92	-82.49	-60.07	8.35	11.50	H
	3447	-62.12	-13	-49.12	-78.93	-68.87	5.85	12.60	V
	5170.5	-60.56	-13	-47.56	-82.66	-66.36	7.30	13.10	V
	6894	-56.30	-13	-43.30	-82.35	-59.45	8.35	11.50	V

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