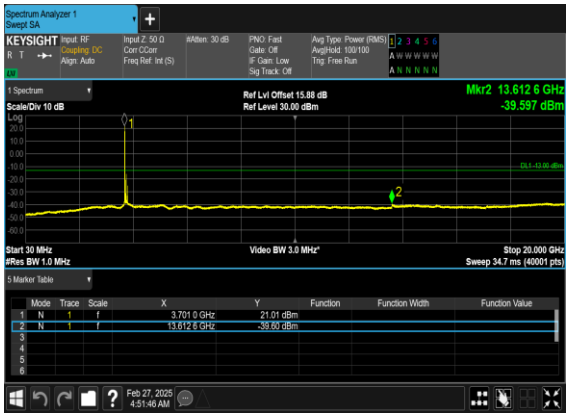
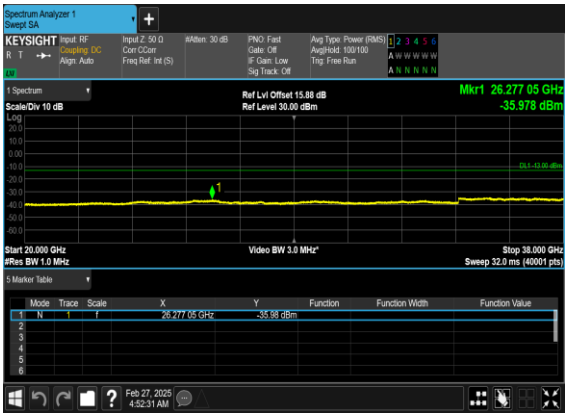
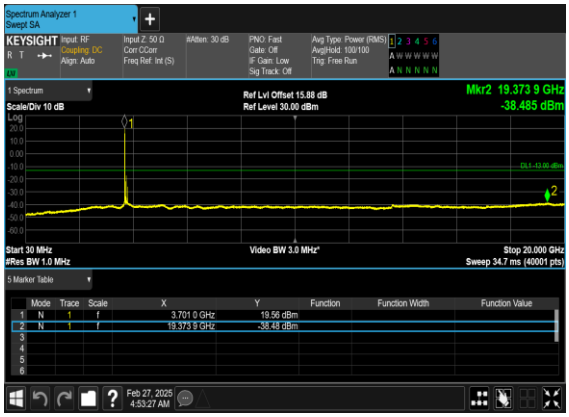
B2_N78(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



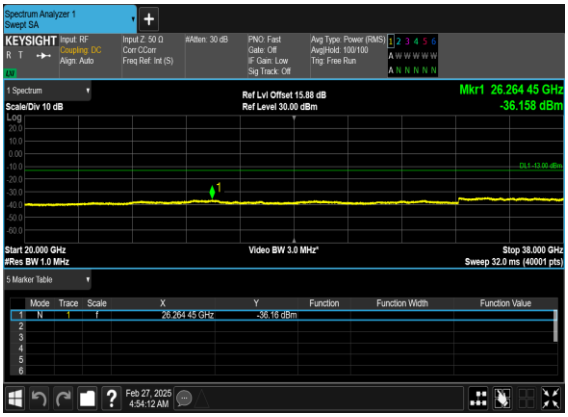
B2_N78(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



B2_N78(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



B2_N78(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

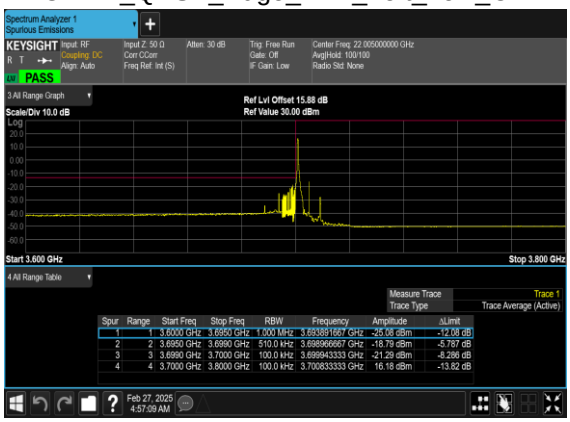


Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
78	30	10	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	30	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	30	10	647000	3705.0	DFT-s-OFDM BPSK	24@0	see graph	**PASS**
78	30	10	647000	3705.0	DFT-s-OFDM QPSK	24@0	see graph	**PASS**
78	30	10	653000	3795.0	DFT-s-OFDM BPSK	1@23	see graph	**PASS**
78	30	10	653000	3795.0	DFT-s-OFDM QPSK	1@23	see graph	**PASS**
78	30	10	653000	3795.0	DFT-s-OFDM BPSK	24@0	see graph	**PASS**
78	30	10	653000	3795.0	DFT-s-OFDM QPSK	24@0	see graph	**PASS**
78	30	50	648334	3725.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	30	50	648334	3725.01	DFT-s-OFDM BPSK	128@0	see graph	**PASS**
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	128@0	see graph	**PASS**
78	30	50	651666	3774.99	DFT-s-OFDM BPSK	1@132	see graph	**PASS**
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@132	see graph	**PASS**
78	30	50	651666	3774.99	DFT-s-OFDM BPSK	128@0	see graph	**PASS**
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	128@0	see graph	**PASS**
78	30	100	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	30	100	650000	3750.0	DFT-s-OFDM BPSK	1@272	see graph	**PASS**
78	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@272	see graph	**PASS**
78	30	100	650000	3750.0	DFT-s-OFDM BPSK	270@0	see graph	**PASS**
78	30	100	650000	3750.0	DFT-s-OFDM QPSK	270@0	see graph	**PASS**

B2_N78(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

B2_N78(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

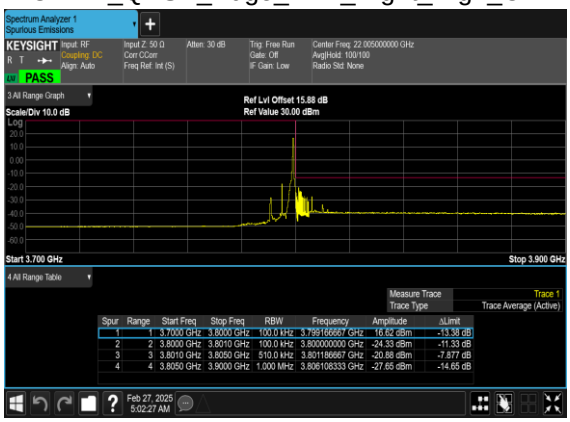


B2_N78(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

B2_N78(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

B2_N78(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

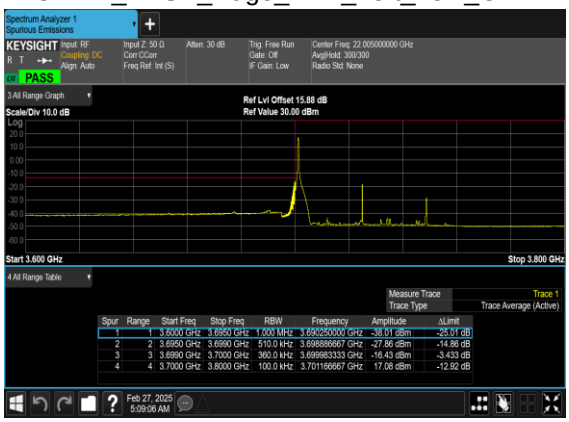
B2_N78(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



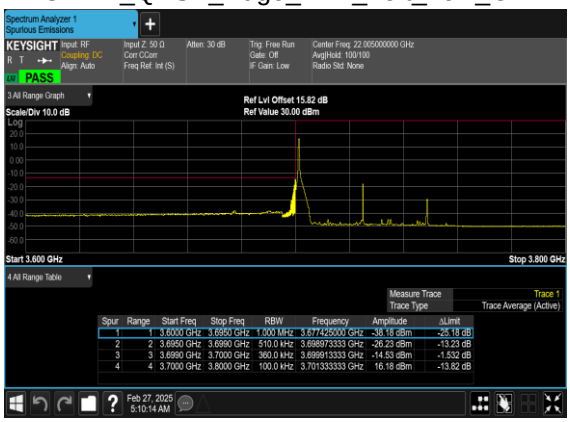
B2_N78(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

B2_N78(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

B2_N78(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

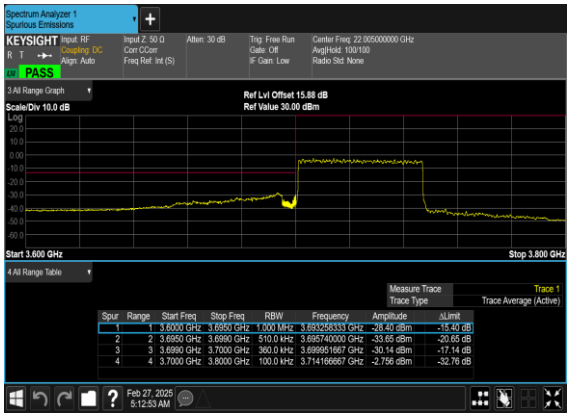


B2_N78(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

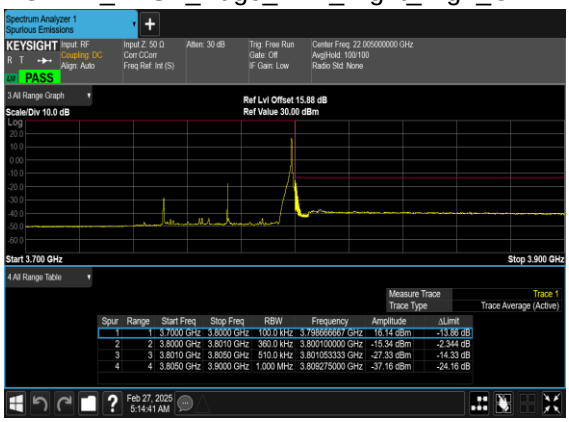


B2_N78(50M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

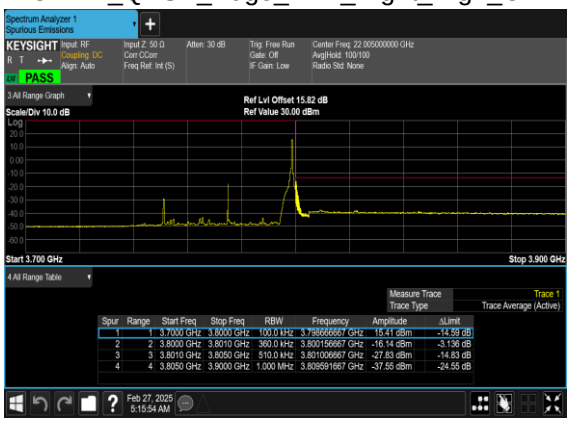
B2_N78(50M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



B2_N78(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

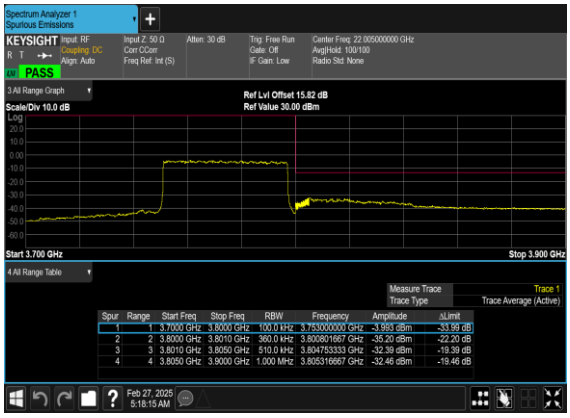


B2_N78(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

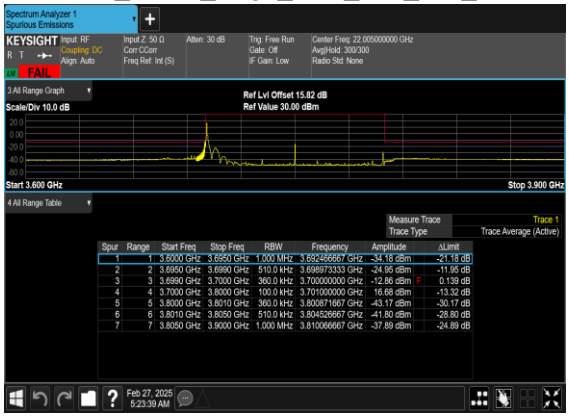


B2_N78(50M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

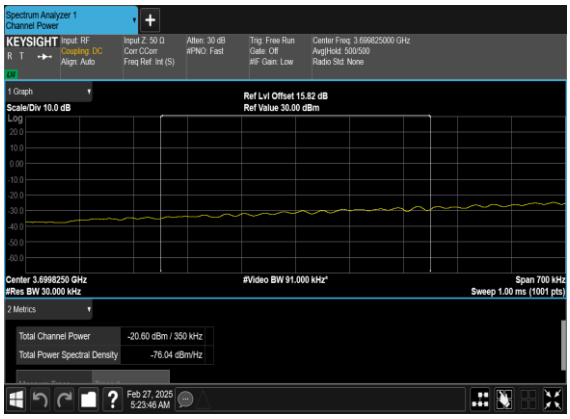
B2_N78(50M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



B2_N78(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



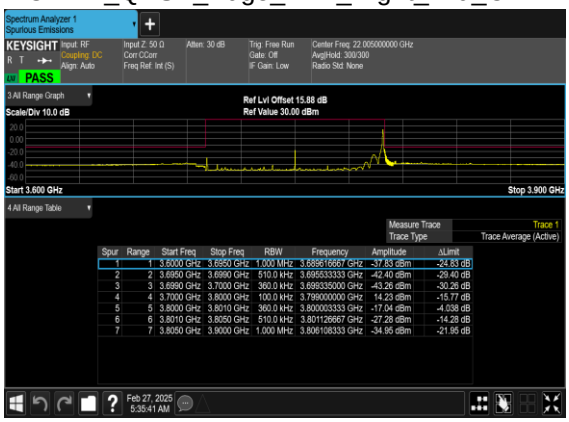
B2_N78(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH_**CHP_PASS**



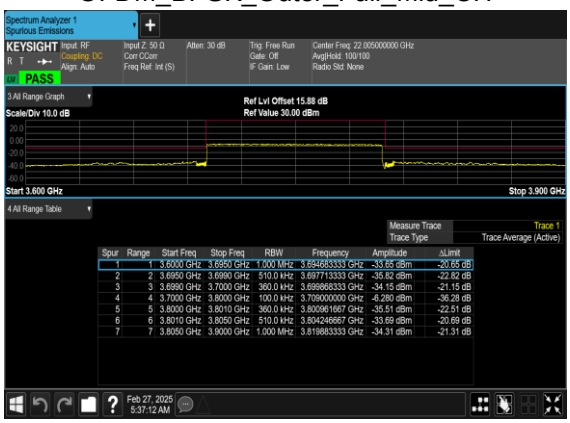
B2_N78(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

B2_N78(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Mid_CH

B2_N78(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Mid_CH



B2_N78(100M)_DFT-s-OFDM_BPSK_Outer_Full_Mid_CH



B2_N78(100M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Kuang Jia	Temperature :	22~25℃
		Relative Humidity :	48~52%

RSE pre-scanned harmonic for different antennas, choose the worst antenna perform final test and record in the report.

n77 SA / NR 100MHz / QPSK(ANT7)									
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	7584.00	-54.29	-13	-41.29	-80.94	-57.59	8.30	11.60	H
	11376.00	-49.13	-13	-36.13	-82.14	-50.65	10.48	12.00	H
	15168.00	-44.89	-13	-31.89	-82.00	-46.59	11.80	13.50	H
	7584.00	-54.51	-13	-41.51	-81.12	-57.81	8.30	11.60	V
	11376.00	-49.42	-13	-36.42	-82.16	-50.94	10.48	12.00	V
	15168.00	-45.40	-13	-32.40	-81.86	-47.10	11.80	13.50	V

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

EN-DC_41A_n78A / LTE 10MHz + NR 100MHz / QPSK(1+5)									
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 n78 Middle	7404.00	-54.91	-13	-41.91	-81.97	-58.21	8.30	11.60	H
	11106.00	-50.86	-13	-37.86	-83.06	-52.38	10.48	12.00	H
	14808.00	-45.87	-13	-32.87	-83.39	-47.57	11.80	13.50	H
	7404.00	-54.42	-13	-41.42	-81.5	-57.72	8.30	11.60	V
	11106.00	-51.22	-13	-38.22	-83.13	-52.74	10.48	12.00	V
	14808.00	-46.47	-13	-33.47	-83.44	-48.17	11.80	13.50	V
LTE Band41 Middle	5177.00	-60.74	-25	-35.74	-82.53	-66.30	7.14	12.70	H
	7765.50	-55.20	-25	-30.20	-82.01	-58.50	8.30	11.60	H
	10354.00	-51.75	-25	-26.75	-82.86	-53.27	10.48	12.00	H
	5177.00	-60.21	-25	-35.21	-82.29	-65.77	7.14	12.70	V
	7765.50	-55.16	-25	-30.16	-81.81	-58.46	8.30	11.60	V
	10354.00	-52.40	-25	-27.40	-82.64	-53.92	10.48	12.00	V

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

EN-DC_41A_n78A / LTE 10MHz + NR 100MHz / QPSK(1+5) for Other PA									
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 n78 Middle	7404.00	-59.52	-13	-46.52	-65.78	-62.82	8.30	11.60	H
	11106.00	-54.45	-13	-41.45	-68.65	-55.97	10.48	12.00	H
	14808.00	-50.00	-13	-37.00	-67.42	-51.70	11.80	13.50	H
	7404.00	-59.57	-13	-46.57	-65.85	-62.87	8.30	11.60	V
	11106.00	-54.85	-13	-41.85	-68.76	-56.37	10.48	12.00	V
	14808.00	-50.54	-13	-37.54	-67.41	-52.24	11.80	13.50	V
LTE Band41 Middle	5177.00	-60.30	-25	-35.30	-82.09	-65.86	7.14	12.70	H
	7765.50	-59.25	-25	-34.25	-65.53	-62.55	8.30	11.60	H
	10354.00	-56.26	-25	-31.26	-67.90	-57.78	10.48	12.00	H
	5177.00	-60.21	-25	-35.21	-82.29	-65.77	7.14	12.70	V
	7765.50	-59.46	-25	-34.46	-65.58	-62.76	8.30	11.60	V
	10354.00	-57.30	-25	-32.30	-68.07	-58.82	10.48	12.00	V

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