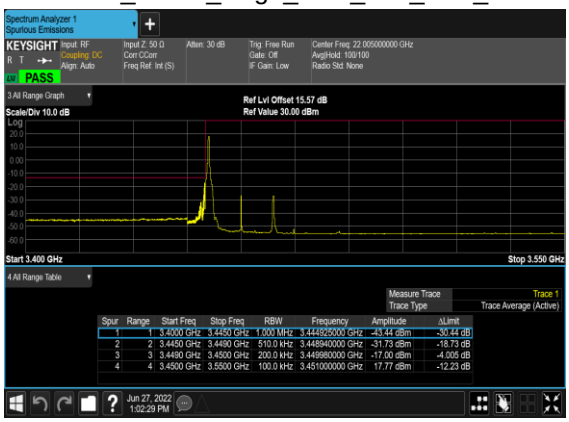
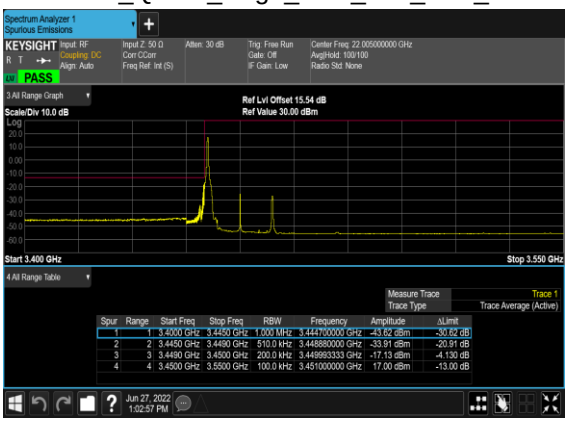
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
78	30	20	630668	3460.02	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	30	20	630668	3460.02	DFT-s-OFDM BPSK	50@0	see graph	**PASS**
78	30	20	630668	3460.02	DFT-s-OFDM QPSK	50@0	see graph	**PASS**
78	30	20	636000	3540.0	DFT-s-OFDM BPSK	1@50	see graph	**PASS**
78	30	20	636000	3540.0	DFT-s-OFDM QPSK	1@50	see graph	**PASS**
78	30	20	636000	3540.0	DFT-s-OFDM BPSK	50@0	see graph	**PASS**
78	30	20	636000	3540.0	DFT-s-OFDM QPSK	50@0	see graph	**PASS**
78	30	60	632000	3480.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	30	60	632000	3480.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	30	60	632000	3480.0	DFT-s-OFDM BPSK	162@0	see graph	**PASS**
78	30	60	632000	3480.0	DFT-s-OFDM QPSK	162@0	see graph	**PASS**
78	30	60	634666	3519.99	DFT-s-OFDM BPSK	1@161	see graph	**PASS**
78	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@161	see graph	**PASS**
78	30	60	634666	3519.99	DFT-s-OFDM BPSK	162@0	see graph	**PASS**
78	30	60	634666	3519.99	DFT-s-OFDM QPSK	162@0	see graph	**PASS**
78	30	100	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	30	100	633334	3500.01	DFT-s-OFDM BPSK	1@272	see graph	**PASS**
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@272	see graph	**PASS**
78	30	100	633334	3500.01	DFT-s-OFDM BPSK	270@0	see graph	**PASS**
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	270@0	see graph	**PASS**

B2_N78(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

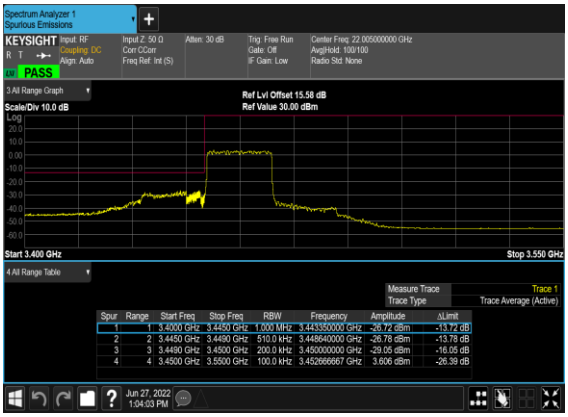


B2_N78(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

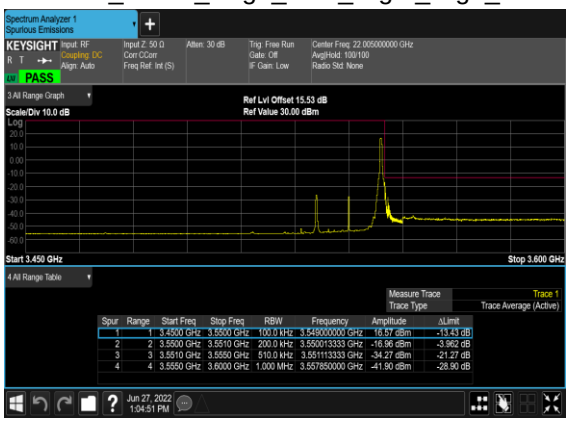


B2_N78(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

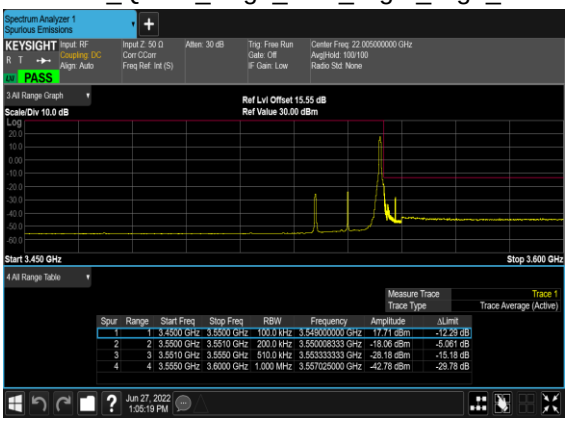
B2_N78(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



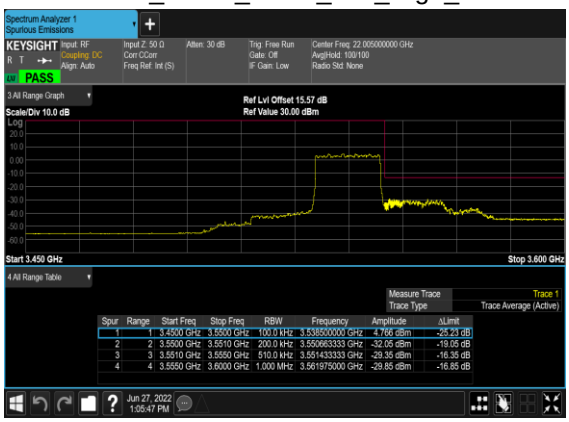
B2_N78(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



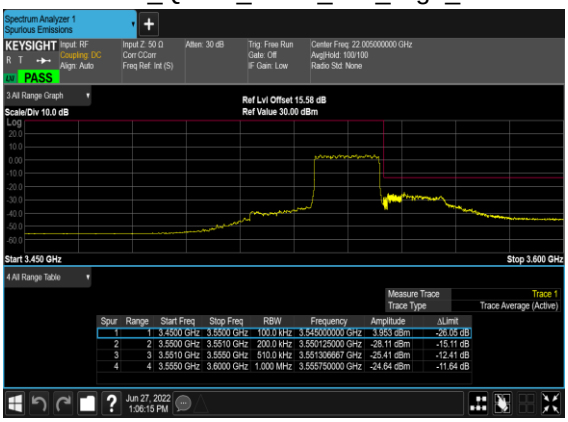
B2_N78(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



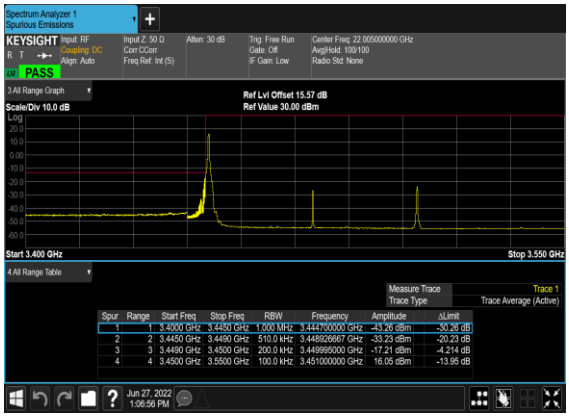
B2_N78(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



B2_N78(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

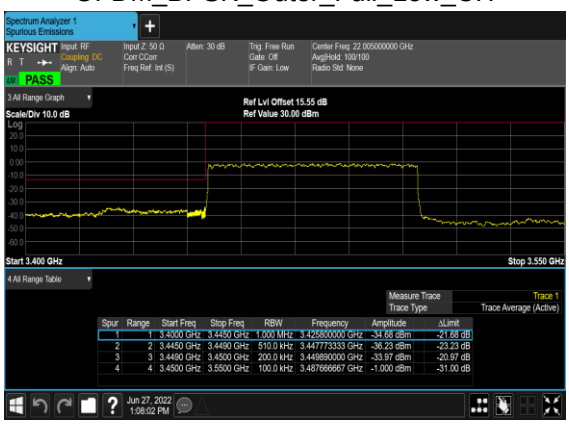


B2_N78(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

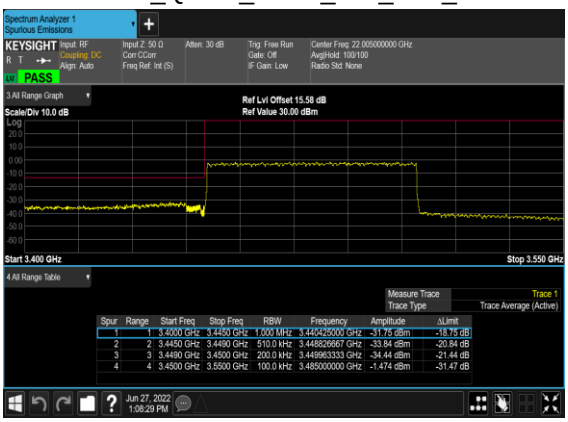


B2_N78(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

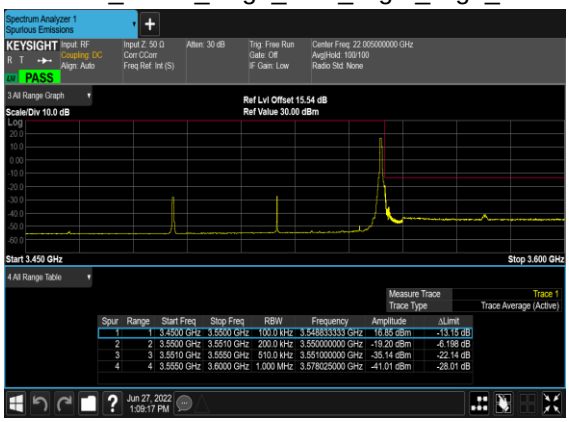
B2_N78(60M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



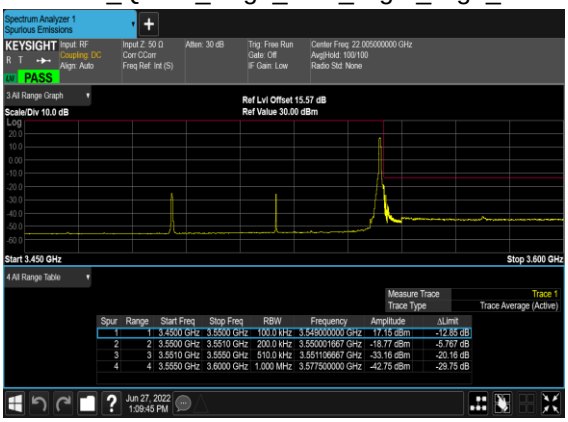
B2_N78(60M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



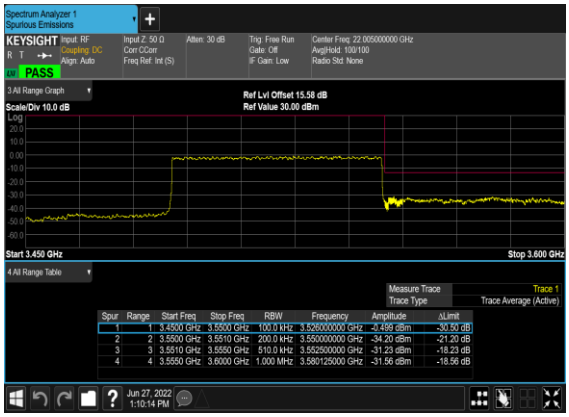
B2_N78(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



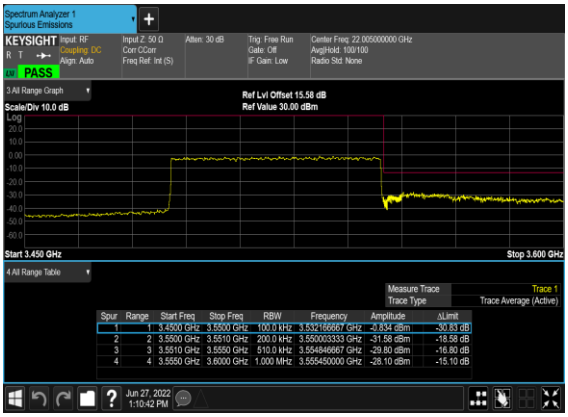
B2_N78(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



B2_N78(60M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

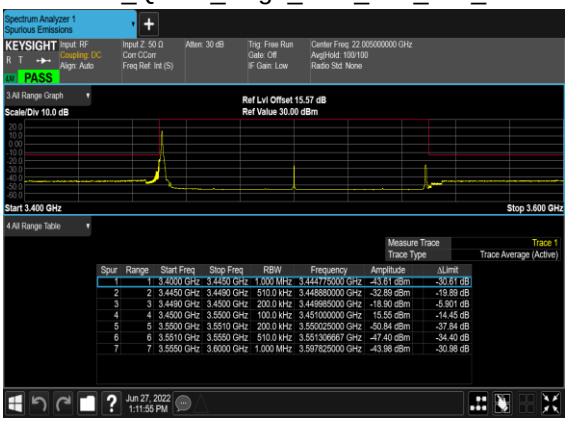


B2_N78(60M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

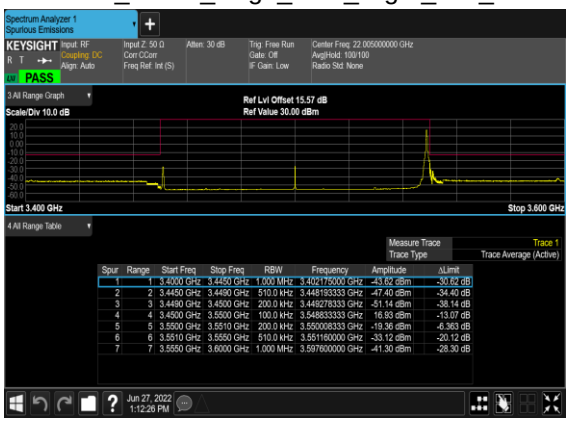


B2_N78(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH

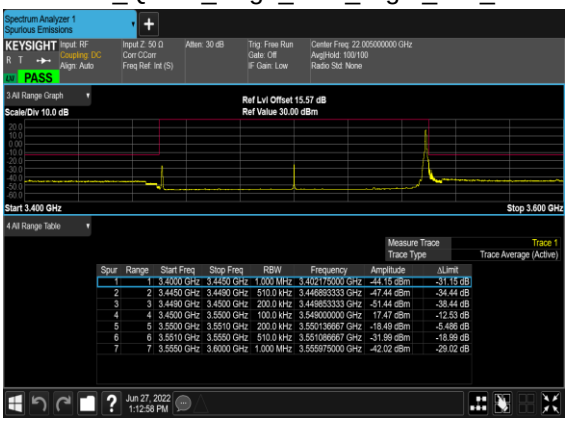
B2_N78(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



B2_N78(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Mid_CH

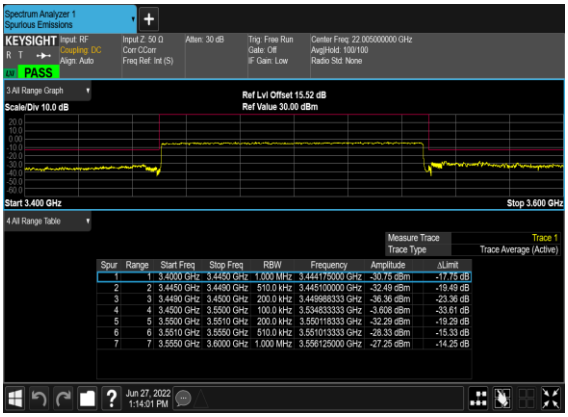


B2_N78(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Mid_CH



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 :	Levi zhuo	Temperature :	22~23℃
		Relative Humidity :	41~42%

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

SA n78 / NR 100MHz / QPSK / ANT2									
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	7500.00	-58.09	-13	-45.09	-56.49	-61.39	8.30	11.60	H
	11250.00	-51.65	-13	-38.65	-58.56	-53.17	10.48	12.00	H
	15000.00	-50.32	-13	-37.32	-60.94	-52.02	11.80	13.50	H
	7500.00	-58.32	-13	-45.32	-56.71	-61.62	8.30	11.60	V
	11250.00	-51.88	-13	-38.88	-58.51	-53.40	10.48	12.00	V
	15000.00	-51.04	-13	-38.04	-61.15	-52.74	11.80	13.50	V

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

EN-DC_7A_n78A / LTE 20MHz + NR 100MHz / QPSK / ANT0(LTE) & ANT2(NR)									
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	7500.00	-57.85	-13	-44.85	-56.25	-61.15	8.30	11.60	H
	11250.00	-51.57	-13	-38.57	-58.48	-53.09	10.48	12.00	H
	15000.00	-50.31	-13	-37.31	-60.93	-52.01	11.80	13.50	H
	7500.00	-57.82	-13	-44.82	-56.21	-61.12	8.30	11.60	V
	11250.00	-51.77	-13	-38.77	-51.57	-58.40	10.48	12.00	V
	15000.00	-50.49	-13	-37.49	-58.20	-60.60	11.80	13.50	V
LTE Band7 Middle	5052.18	-60.37	-25	-35.37	-55.07	-65.93	7.14	12.70	H
	7578.27	-54.53	-25	-29.53	-52.89	-57.83	8.30	11.60	H
	10104.36	-53.77	-25	-28.77	-56.65	-55.29	10.48	12.00	H
	5052.18	-60.19	-25	-35.19	-55.01	-65.75	7.14	12.70	V
	7578.27	-54.15	-25	-29.15	-52.47	-57.45	8.30	11.60	V
	10104.36	-55.27	-25	-30.27	-56.75	-56.79	10.48	12.00	V

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

——— THE END ———