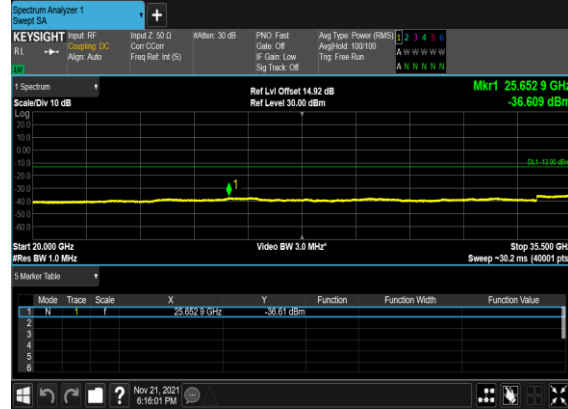




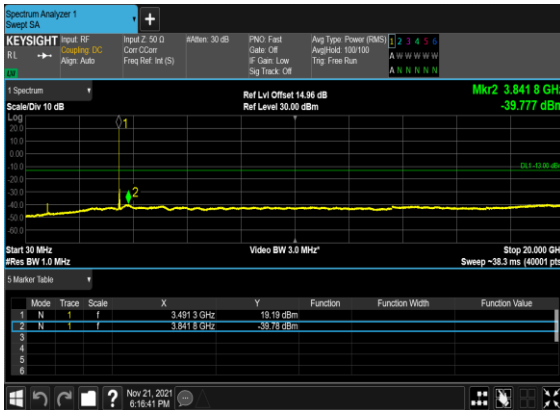
B5_N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



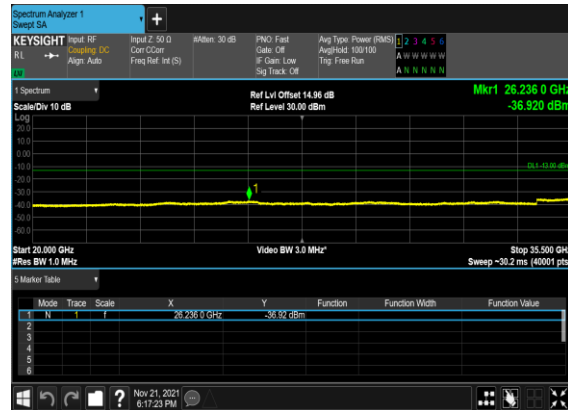
B5_N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



B5_N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



B5_N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

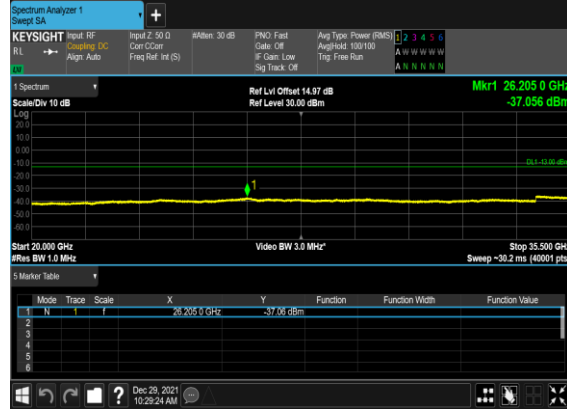




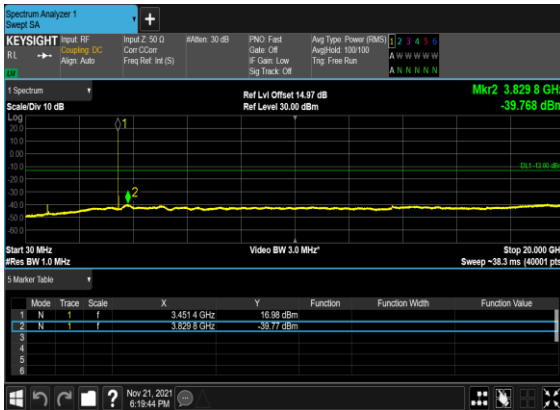
B5_N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



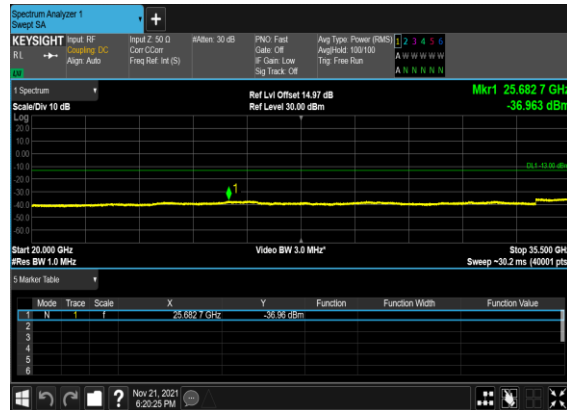
B5_N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



B5_N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



B5_N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



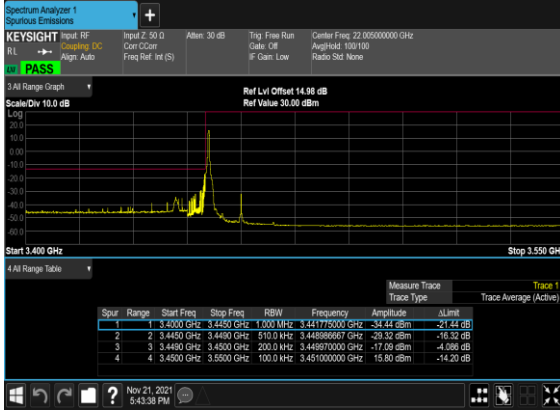


Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	20	630668	3460.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	20	630668	3460.02	DFT-s-OFDM BPSK	50@0	see graph	PASS
77	30	20	630668	3460.02	DFT-s-OFDM QPSK	50@0	see graph	PASS
77	30	20	636000	3540.0	DFT-s-OFDM BPSK	1@50	see graph	PASS
77	30	20	636000	3540.0	DFT-s-OFDM QPSK	1@50	see graph	PASS
77	30	20	636000	3540.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
77	30	20	636000	3540.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
77	30	60	632000	3480.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	632000	3480.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	632000	3480.0	DFT-s-OFDM BPSK	162@0	see graph	PASS
77	30	60	632000	3480.0	DFT-s-OFDM QPSK	162@0	see graph	PASS
77	30	60	634666	3519.99	DFT-s-OFDM BPSK	1@161	see graph	PASS
77	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@161	see graph	PASS
77	30	60	634666	3519.99	DFT-s-OFDM BPSK	162@0	see graph	PASS
77	30	60	634666	3519.99	DFT-s-OFDM QPSK	162@0	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM BPSK	1@272	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@272	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM BPSK	270@0	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	270@0	see graph	PASS



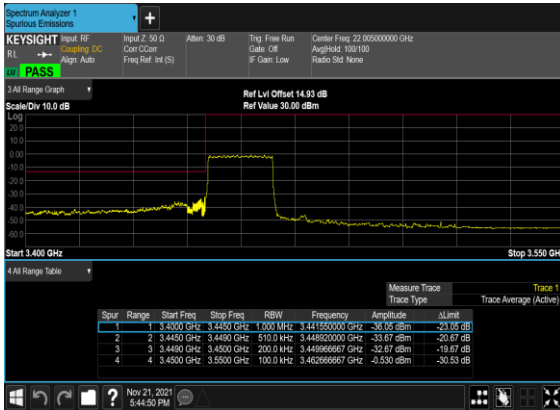
B5_N77(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



B5_N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



B5_N77(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



B5_N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

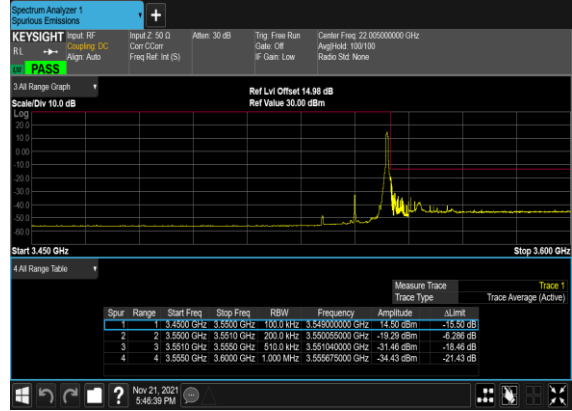




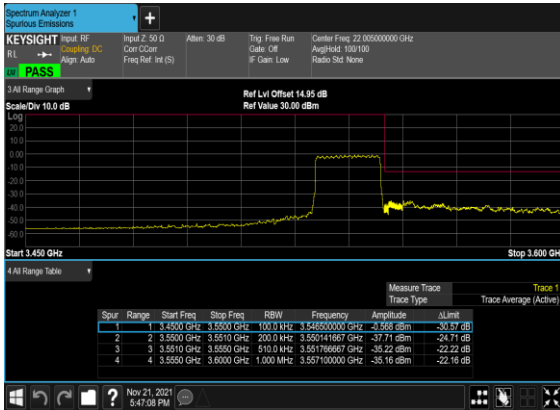
B5_N77(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



B5_N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



B5_N77(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



B5_N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

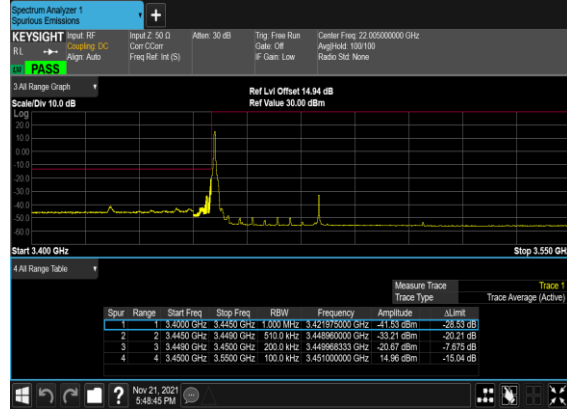




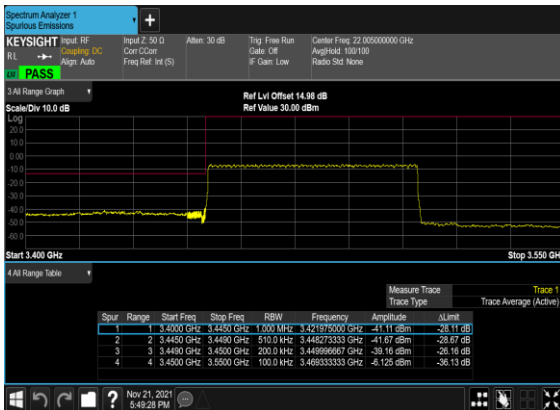
B5_N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



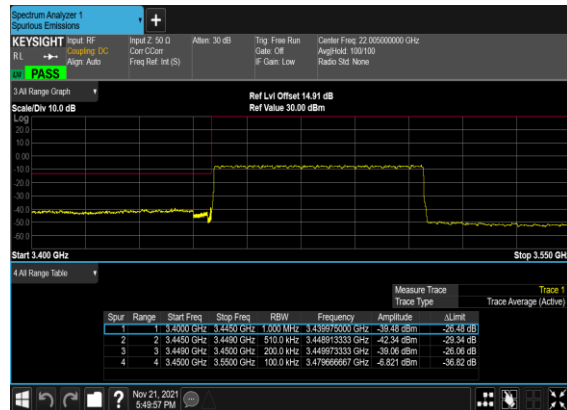
B5_N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



B5_N77(60M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



B5_N77(60M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

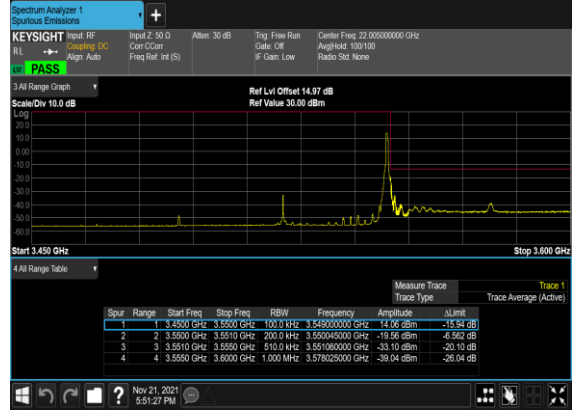




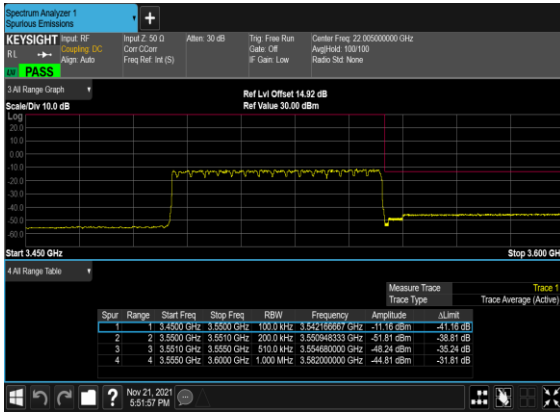
B5_N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



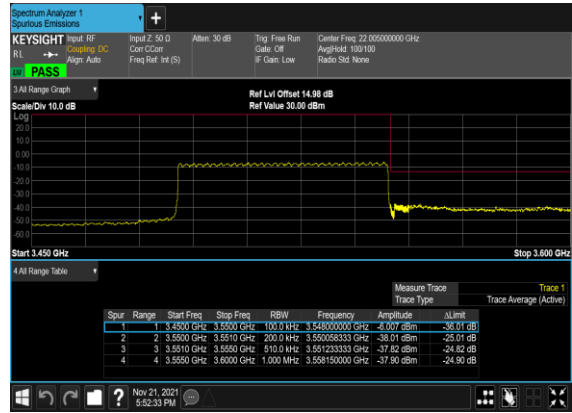
B5_N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



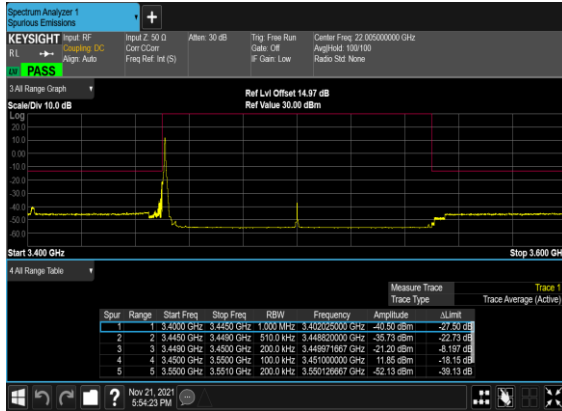
B5_N77(60M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



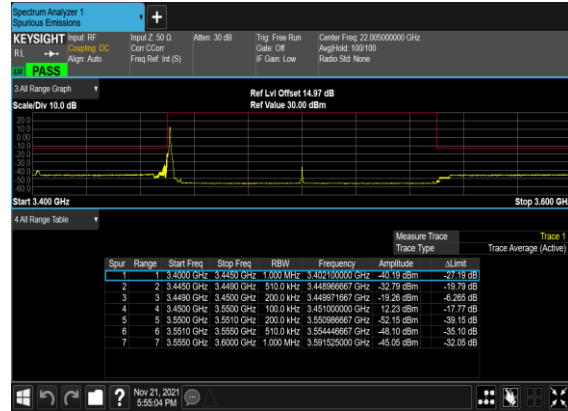
B5_N77(60M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



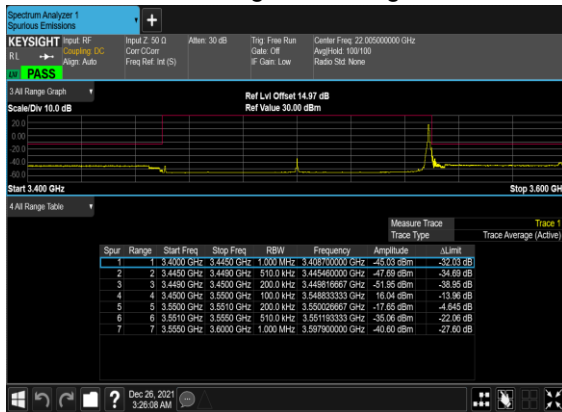
B5_N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



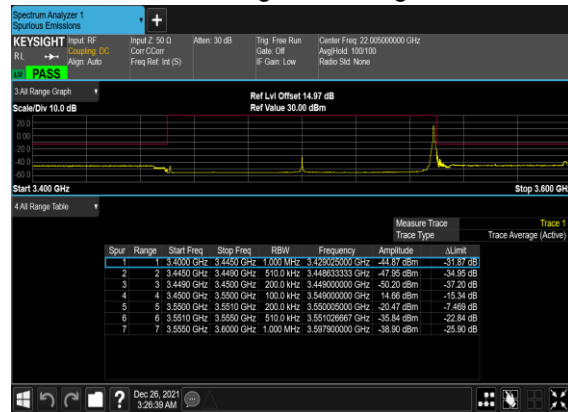
B5_N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



B5_N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Mid_CH

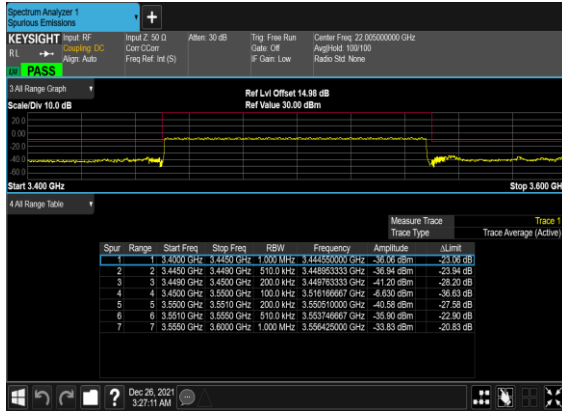


B5_N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Mid_CH

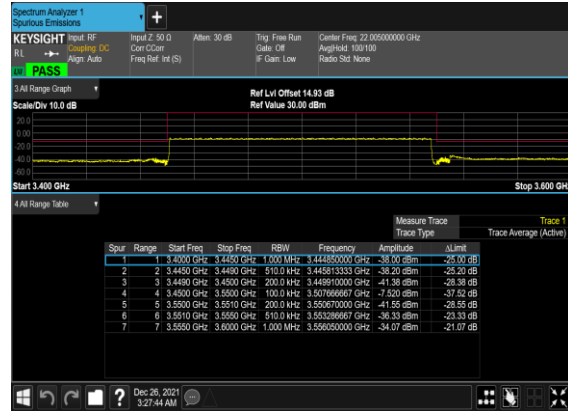




B5_N77(100M)_DFT-s-OFDM_BPSK_Outer_Full_Mid_CH



B5_N77(100M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH





Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Zhaohui Liang	Temperature :	22~25°C
		Relative Humidity :	48~52%

EN-DC_5A_n77A / LTE 10MHz + NR 100MHz / QPSK									
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 n77 BW 10 Lowest CH	7000.01	-59.61	-13	-46.61	-80.48	-62.91	8.30	11.60	H
	10500.03	-52.27	-13	-39.27	-79.02	-53.79	10.48	12.00	H
	14000.12	-49.28	-13	-36.28	-80.81	-50.98	11.80	13.50	H
	7000.01	-59.36	-13	-46.36	-80.44	-62.66	8.30	11.60	V
	10500.03	-52.45	-13	-39.45	-79.16	-53.97	10.48	12.00	V
	14000.12	-49.59	-13	-36.59	-80.73	-51.29	11.80	13.50	V
LTE B5 BW 10 Middle CH	1664.18	-66.10	-13	-53.10	-72.21	-69.35	4.00	9.40	H
	2496.27	-63.56	-13	-50.56	-73.75	-67.13	4.88	10.60	H
	3328.36	-62.71	-13	-49.71	-74.68	-67.64	5.52	12.60	H
	1664.18	-66.74	-13	-53.74	-72.62	-69.99	4.00	9.40	V
	2496.27	-63.28	-13	-50.28	-73.81	-66.85	4.88	10.60	V
	3328.36	-62.35	-13	-49.35	-74.73	-67.28	5.52	12.60	V

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