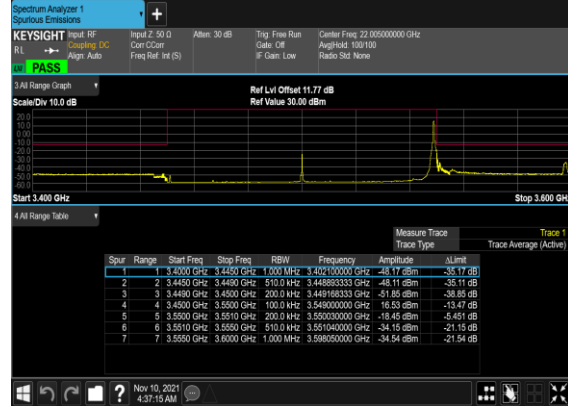


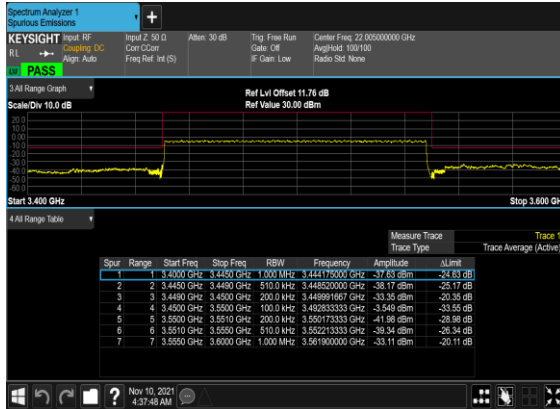
B5_N77(100M)_DFT-s- OFDM_BPSK_Edge_1RB_Right_Mid_CH



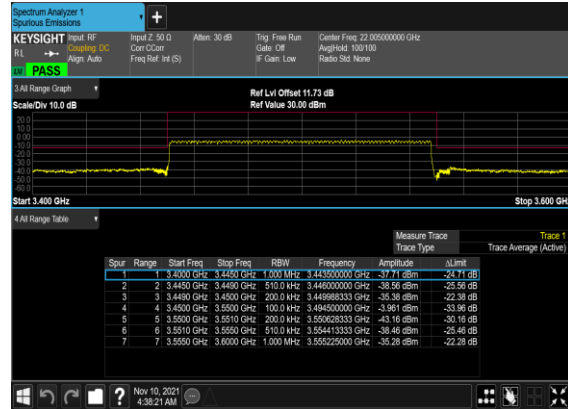
B5_N77(100M)_DFT-s- OFDM_QPSK_Edge_1RB_Right_Mid_CH



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 :	Fuquan Wu	Temperature :	22~25°C
		Relative Humidity :	48~52%

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

SA n77 / NR 100MHz / QPSK / ANT5(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 n77 Middle	6903.54	-49.60	-13	-36.60	-47.86	-52.90	8.30	11.60	H
	10355.31	-51.92	-13	-38.92	-56.04	-53.44	10.48	12.00	H
	13807.08	-49.37	-13	-36.37	-57.85	-51.07	11.80	13.50	H
	6903.54	-50.21	-13	-37.21	-48.95	-53.51	8.30	11.60	V
	10355.31	-51.45	-13	-38.45	-54.7	-52.97	10.48	12.00	V
	13807.08	-50.08	-13	-37.08	-57.9	-51.78	11.80	13.50	V

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

EN-DC_5A_n77A / LTE 10MHz + NR 100MHz / QPSK / ANT1(LTE) & ANT5(NR)									
Channel	Frequency (MHz)	ERP/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)
LTE Band5 Middle	1664.18	-65.95	-13	-52.95	-76.13	-69.20	4.00	9.40	H
	2496.27	-61.63	-13	-48.63	-76.77	-65.20	4.88	10.60	H
	3328.36	-61.50	-13	-48.50	-78.93	-66.43	5.52	12.60	H
	1664.18	-66.57	-13	-53.57	-76.35	-69.82	4.00	9.40	V
	2496.27	-62.61	-13	-49.61	-77.71	-66.18	4.88	10.60	V
	3328.36	-61.70	-13	-48.70	-78.89	-66.63	5.52	12.60	V
NR n77 Middle	6902.50	-59.99	-13	-46.99	-58.25	-63.29	8.30	11.60	H
	10350.00	-53.87	-13	-40.87	-57.99	-55.39	10.48	12.00	H
	13805.00	-50.77	-13	-37.77	-59.25	-52.47	11.80	13.50	H
	6902.50	-56.80	-13	-43.80	-55.54	-60.10	8.30	11.60	V
	10353.75	-54.66	-13	-41.66	-57.91	-56.18	10.48	12.00	V
	13806.00	-51.57	-13	-38.57	-59.39	-53.27	11.80	13.50	V

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