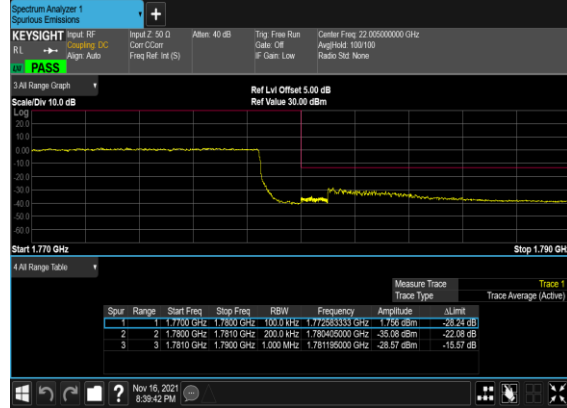


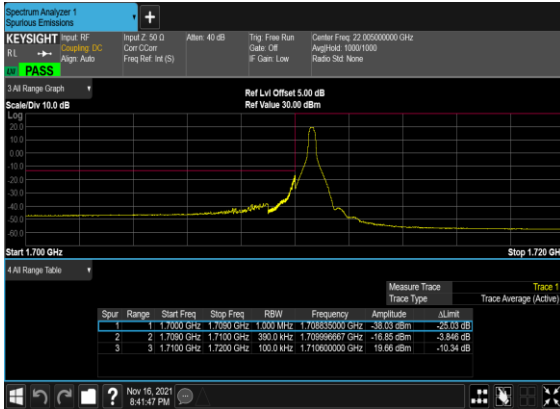
B5_N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



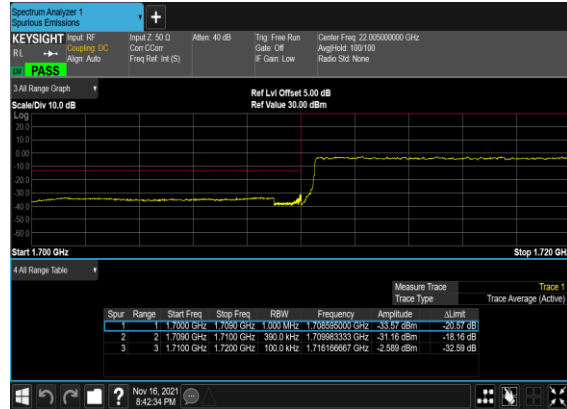
B5_N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



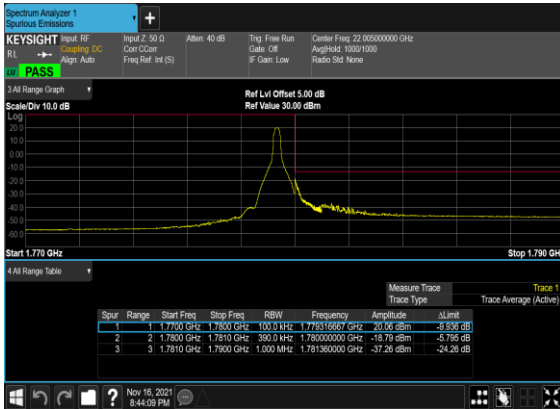
B5_N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



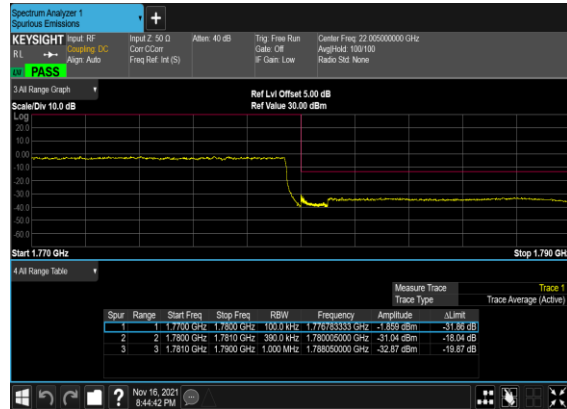
B5_N66(40M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



B5_N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



B5_N66(40M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH





Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Chris Chen	Temperature :	22~23°C
		Relative Humidity :	41~42%

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

SA n5 / NR 20MHz / QPSK / ANT0(NR)								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1656	-64.99	-13	-51.99	-71.96	1.58	10.70	H
	2482	-62.54	-13	-49.54	-70.79	2.10	12.50	H
	3312	-61.85	-13	-48.85	-70.74	2.86	13.90	H
	1656	-64.29	-13	-51.29	-71.26	1.58	10.70	V
	2482	-61.10	-13	-48.10	-69.35	2.10	12.50	V
	3312	-61.95	-13	-48.95	-70.84	2.86	13.90	V

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

EN-DC_7A_n5A / LTE 10MHz + NR 20MHz / QPSK / ANT3(LTE) & ANT0(NR)								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1654	-62.64	-13	-49.64	-69.61	1.58	10.70	H
	2482	-59.19	-13	-46.19	-67.44	2.10	12.50	H
	3312	-62.32	-13	-49.32	-71.21	2.86	13.90	H
	1654	-52.32	-13	-39.32	-59.29	1.58	10.70	V
	2482	-61.13	-13	-48.13	-69.38	2.10	12.50	V
	3312	-62.04	-13	-49.04	-70.93	2.86	13.90	V

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

SA n7 / NR 20MHz / QPSK / ANT4(NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5052	-64.80	-25	-39.80	-75.01	3.03	13.24	H
	7576	-56.52	-25	-31.52	-65.97	3.56	13.01	H
	10100	-61.89	-25	-36.89	-71.41	3.92	13.44	H
	5052	-63.79	-25	-38.79	-74.00	3.03	13.24	V
	7576	-53.31	-25	-28.31	-62.76	3.56	13.01	V
	10100	-62.35	-25	-37.35	-71.87	3.92	13.44	V

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



EN-DC_5A_n7A / LTE 10MHz + NR 20MHz / QPSK / ANT0(LTE) & ANT4(NR)								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5052	-64.20	-25	-39.20	-74.41	3.03	13.24	H
	7576	-46.82	-25	-21.82	-56.27	3.56	13.01	H
	10100	-61.89	-25	-36.89	-71.41	3.92	13.44	H
	5052	-64.42	-25	-39.42	-74.63	3.03	13.24	V
	7576	-50.73	-25	-25.73	-60.18	3.56	13.01	V
	10100	-62.05	-25	-37.05	-71.57	3.92	13.44	V

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

EN-DC_66A_n7A / LTE 20MHz + NR 20MHz / QPSK / ANT3(LTE) & ANT4(NR)								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5052	-64.08	-25	-39.08	-74.29	3.03	13.24	H
	7576	-54.45	-25	-29.45	-63.90	3.56	13.01	H
	10100	-62.04	-25	-37.04	-71.56	3.92	13.44	H
	5052	-64.09	-25	-39.09	-74.30	3.03	13.24	V
	7576	-49.77	-25	-24.77	-59.22	3.56	13.01	V
	10100	-61.78	-25	-36.78	-71.30	3.92	13.44	V

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

SA n38 / NR 15MHz / QPSK / ANT4(NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5172	-64.42	-25	-39.42	-74.63	3.03	13.24	H
	7752	-52.20	-25	-27.20	-61.65	3.56	13.01	H
	10340	-61.45	-25	-36.45	-70.97	3.92	13.44	H
	5172	-64.45	-25	-39.45	-74.66	3.03	13.24	V
	7752	-56.03	-25	-31.03	-65.48	3.56	13.01	V
	10340	-61.99	-25	-36.99	-71.51	3.92	13.44	V

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



SA n41 / NR 100MHz / QPSK / ANT4(NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5096	-64.57	-25	-39.57	-74.78	3.03	13.24	H
	7632	-51.59	-25	-26.59	-61.04	3.56	13.01	H
	10190	-61.68	-25	-36.68	-71.20	3.92	13.44	H
	5096	-64.47	-25	-39.47	-74.68	3.03	13.24	V
	7632	-57.71	-25	-32.71	-67.16	3.56	13.01	V
	10190	-61.78	-25	-36.78	-71.30	3.92	13.44	V

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

SA n66 / NR 40MHz / QPSK / ANT4(NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3471	-60.30	-13	-47.30	-71.04	2.60	13.34	H
	5208	-56.16	-13	-43.16	-66.67	3.01	13.52	H
	6948	-55.61	-13	-42.61	-65.81	3.27	13.47	H
	3471	-60.18	-13	-47.18	-70.92	2.60	13.34	V
	5208	-55.92	-13	-42.92	-66.43	3.01	13.52	V
	6948	-56.06	-13	-43.06	-66.26	3.27	13.47	V

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

EN-DC_5A_n66A / LTE 10MHz + NR 40MHz / QPSK / ANT0(LTE) & ANT4(NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3471	-60.14	-13	-47.14	-70.88	2.60	13.34	H
	5208	-54.70	-13	-41.70	-65.21	3.01	13.52	H
	6948	-55.47	-13	-42.47	-65.67	3.27	13.47	H
	3471	-60.31	-13	-47.31	-71.05	2.60	13.34	V
	5208	-52.25	-13	-39.25	-62.76	3.01	13.52	V
	6948	-55.54	-13	-42.54	-65.74	3.27	13.47	V

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



EN-DC_7A_n66A / LTE 10MHz + NR 40MHz / QPSK / ANT4(LTE) & ANT3(NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3471	-60.26	-13	-47.26	-71.00	2.60	13.34	H
	5208	-55.93	-13	-42.93	-66.44	3.01	13.52	H
	6948	-55.73	-13	-42.73	-65.93	3.27	13.47	H
	3471	-60.17	-13	-47.17	-70.91	2.60	13.34	V
	5208	-56.30	-13	-43.30	-66.81	3.01	13.52	V
	6948	-56.07	-13	-43.07	-66.27	3.27	13.47	V

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

EN-DC_12A_n66A / LTE 10MHz + NR 40MHz / QPSK / ANT0(LTE) & ANT4(NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3471	-60.02	-13	-47.02	-70.76	2.60	13.34	H
	5208	-55.80	-13	-42.80	-66.31	3.01	13.52	H
	6948	-55.92	-13	-42.92	-66.12	3.27	13.47	H
	3471	-59.90	-13	-46.90	-70.64	2.60	13.34	V
	5208	-53.44	-13	-40.44	-63.95	3.01	13.52	V
	6948	-55.74	-13	-42.74	-65.94	3.27	13.47	V

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