



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Levi Zhuo	Temperature :	22~23°C
		Relative Humidity :	41~42%

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

n7 SA / NR 25MHz / QPSK / ANT1(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	-61.29	-25	-36.29	-71.50	3.03	13.24	H
	7576	-49.35	-25	-24.35	-58.80	3.56	13.01	H
	10100	-62.46	-25	-37.46	-71.98	3.92	13.44	H
	5052	-61.64	-25	-36.64	-71.85	3.03	13.24	V
	7576	-44.14	-25	-19.14	-53.59	3.56	13.01	V
	10100	-62.72	-25	-37.72	-72.24	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 25MHz / QPSK / ANT0(LTE) & ANT1(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	-64.88	-25	-39.88	-75.09	3.03	13.24	H
	7576	-64.16	-25	-39.16	-73.61	3.56	13.01	H
	10100	-63.04	-25	-38.04	-72.56	3.92	13.44	H
	5052	-64.73	-25	-39.73	-74.94	3.03	13.24	V
	7576	-63.96	-25	-38.96	-73.41	3.56	13.01	V
	10100	-63.34	-25	-38.34	-72.86	3.92	13.44	V

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

n41 SA / NR 30MHz / QPSK / ANT0(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	-64.52	-25	-39.52	-74.73	3.03	13.24	H
	7644	-62.29	-25	-37.29	-71.74	3.56	13.01	H
	10190	-62.56	-25	-37.56	-72.08	3.92	13.44	H
	5096	-64.78	-25	-39.78	-74.99	3.03	13.24	V
	7644	-62.42	-25	-37.42	-71.87	3.56	13.01	V
	10190	-62.93	-25	-37.93	-72.45	3.92	13.44	V

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



EN-DC_66A_n41A / LTE 20MHz + NR 30MHz / QPSK / ANT1(LTE) & ANT0(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	-64.53	-25	-39.53	-74.74	3.03	13.24	H
	7644	-63.30	-25	-38.30	-72.75	3.56	13.01	H
	10190	-63.35	-25	-38.35	-72.87	3.92	13.44	H
	5096	-64.78	-25	-39.78	-74.99	3.03	13.24	V
	7644	-63.05	-25	-38.05	-72.50	3.56	13.01	V
	10190	-63.50	-25	-38.50	-73.02	3.92	13.44	V

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

n77 SA / NR 40MHz / QPSK / ANT2(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	7608	-62.52	-13	-49.52	-73.00	2.76	13.24	H
	11412	-60.60	-13	-47.60	-70.19	3.42	13.01	H
	15216	-58.75	-13	-45.75	-68.36	3.83	13.44	H
	7680	-61.95	-13	-48.95	-72.39	2.80	13.24	V
	11412	-60.47	-13	-47.47	-70.02	3.46	13.01	V
	15216	-58.75	-13	-45.75	-68.31	3.88	13.44	V

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

n78 SA / NR 40MHz / QPSK / ANT2(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	7404	-51.48	-13	-38.48	-61.96	2.76	13.24	H
	11106	-42.55	-13	-29.55	-52.14	3.42	13.01	H
	14820	-59.41	-13	-46.41	-69.02	3.83	13.44	H
	7410	-62.98	-13	-49.98	-73.42	2.80	13.24	V
	11106	-57.10	-13	-44.10	-66.65	3.46	13.01	V
	14820	-59.29	-13	-46.29	-68.85	3.88	13.44	V

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



n78 UL MIMO / NR 40MHz+40MHz / QPSK / ANT2+7(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	7404	-56.33	-13	-43.33	-66.81	2.76	13.24	H
	11100	-55.93	-13	-42.93	-65.52	3.42	13.01	H
	14800	-59.80	-13	-46.80	-69.41	3.83	13.44	H
	7404	-63.36	-13	-50.36	-73.80	2.80	13.24	V
	11100	-56.75	-13	-43.75	-66.30	3.46	13.01	V
	14800	-60.08	-13	-47.08	-69.64	3.88	13.44	V

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