

Field Strength of Spurious Radiation

WCDMA:

WCDMA Band IV-Low channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3424.8	-58.42	-13	-45.42	-62.29	4.11	7.98	Horizontal	Pass
5137.2	-53.95	-13	-40.95	-58.95	5.23	10.23	Horizontal	Pass
6849.6	-55.47	-13	-42.47	-60.87	5.54	10.94	Horizontal	Pass
3424.8	-57.01	-13	-44.01	-60.88	4.11	7.98	Vertical	Pass
5137.2	-52.34	-13	-39.34	-57.34	5.23	10.23	Vertical	Pass
6849.6	-55.5	-13	-42.5	-60.9	5.54	10.94	Vertical	Pass

WCDMA Band IV-Middle channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3465.2	-56.98	-13	-43.98	-60.89	4.17	8.08	Horizontal	Pass
5197.8	-53.24	-13	-40.24	-58.24	5.26	10.26	Horizontal	Pass
6930.4	-54.52	-13	-41.52	-60.0	5.56	11.04	Horizontal	Pass
3465.2	-56.92	-13	-43.92	-60.83	4.17	8.08	Vertical	Pass
5197.8	-53.6	-13	-40.6	-58.6	5.26	10.26	Vertical	Pass
6930.4	-54.54	-13	-41.54	-60.02	5.56	11.04	Vertical	Pass

WCDMA Band IV-High channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3505.2	-57.19	-13	-44.19	-61.15	4.22	8.18	Horizontal	Pass
5257.8	-52.35	-13	-39.35	-57.36	5.29	10.3	Horizontal	Pass
7010.4	-54.25	-13	-41.25	-59.82	5.57	11.14	Horizontal	Pass
3505.2	-55.96	-13	-42.96	-59.92	4.22	8.18	Vertical	Pass
5257.8	-53.3	-13	-40.3	-58.31	5.29	10.3	Vertical	Pass
7010.4	-53.76	-13	-40.76	-59.33	5.57	11.14	Vertical	Pass

LTE:

LTE Band 7-Low channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5002.0	-54.63	-25	-29.63	-59.6	5.17	10.14	Horizontal	Pass
7503.0	-57.29	-25	-32.29	-63.4	5.63	11.74	Horizontal	Pass
10004.0	-53.87	-25	-28.87	-61.1	5.8	13.03	Horizontal	Pass
5002.0	-52.47	-25	-27.47	-57.44	5.17	10.14	Vertical	Pass
7503.0	-54.26	-25	-29.26	-60.37	5.63	11.74	Vertical	Pass
10004.0	-56.55	-25	-31.55	-63.78	5.8	13.03	Vertical	Pass

LTE Band 7-Middle channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5052.0	-51.96	-25	-26.96	-56.94	5.19	10.17	Horizontal	Pass
7578.0	-55.3	-25	-30.3	-61.5	5.63	11.83	Horizontal	Pass
10104.0	-53.66	-25	-28.66	-60.81	5.9	13.05	Horizontal	Pass
5052.0	-53.4	-25	-28.4	-58.38	5.19	10.17	Vertical	Pass
7578.0	-55.06	-25	-30.06	-61.26	5.63	11.83	Vertical	Pass
10104.0	-56.33	-25	-31.33	-63.48	5.9	13.05	Vertical	Pass

LTE Band 7-High channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5102.0	-52.63	-25	-27.63	-57.61	5.22	10.2	Horizontal	Pass
7653.0	-56.8	-25	-31.8	-63.09	5.63	11.92	Horizontal	Pass
10204.0	-53.06	-25	-28.06	-60.13	6.0	13.07	Horizontal	Pass
5102.0	-53.53	-25	-28.53	-58.51	5.22	10.2	Vertical	Pass
7653.0	-54.05	-25	-29.05	-60.34	5.63	11.92	Vertical	Pass
10204.0	-54.14	-25	-29.14	-61.21	6.0	13.07	Vertical	Pass

LTE Band 14-Middle channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1577.0	-64.8	-40	-24.8	-67.19	3.3	5.69	Horizontal	Pass
2365.5	-60.38	-13	-47.38	-62.47	3.41	5.5	Horizontal	Pass
3154.0	-58.41	-13	-45.41	-62.02	3.69	7.3	Horizontal	Pass
1577.0	-64.09	-40	-24.09	-66.48	3.3	5.69	Vertical	Pass
2365.5	-63.84	-13	-50.84	-65.93	3.41	5.5	Vertical	Pass
3154.0	-60.04	-13	-47.04	-63.65	3.69	7.3	Vertical	Pass

CA:

CA_2A_12A-Low channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1399.0	-65.57	-13	-52.57	-67.62	3.19	5.24	Horizontal	Pass
2098.5	-60.22	-13	-47.22	-61.73	3.35	4.86	Horizontal	Pass
2798.0	-60.08	-13	-47.08	-63.11	3.45	6.48	Horizontal	Pass
1399.0	-65.55	-13	-52.55	-67.6	3.19	5.24	Vertical	Pass
2098.5	-61.96	-13	-48.96	-63.47	3.35	4.86	Vertical	Pass
2798.0	-61.77	-13	-48.77	-64.8	3.45	6.48	Vertical	Pass

CA_2A_12A-Middle channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1406.0	-64.78	-13	-51.78	-66.86	3.2	5.28	Horizontal	Pass
2109.0	-63.12	-13	-50.12	-64.65	3.35	4.88	Horizontal	Pass
2812.0	-58.2	-13	-45.2	-61.26	3.45	6.51	Horizontal	Pass
1406.0	-65.51	-13	-52.51	-67.59	3.2	5.28	Vertical	Pass
2109.0	-63.34	-13	-50.34	-64.87	3.35	4.88	Vertical	Pass
2812.0	-61.53	-13	-48.53	-64.59	3.45	6.51	Vertical	Pass

CA_2A_12A-High channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1413.0	-65.89	-13	-52.89	-68.01	3.21	5.33	Horizontal	Pass
2119.5	-64.18	-13	-51.18	-65.73	3.36	4.91	Horizontal	Pass
2826.0	-60.97	-13	-47.97	-64.06	3.45	6.54	Horizontal	Pass
1413.0	-64.08	-13	-51.08	-66.2	3.21	5.33	Vertical	Pass
2119.5	-63.32	-13	-50.32	-64.87	3.36	4.91	Vertical	Pass
2826.0	-58.68	-13	-45.68	-61.77	3.45	6.54	Vertical	Pass

CA_4A_12A-Low channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1399.0	-65.34	-13	-52.34	-67.39	3.19	5.24	Horizontal	Pass
2098.5	-63.3	-13	-50.3	-64.81	3.35	4.86	Horizontal	Pass
2798.0	-61.25	-13	-48.25	-64.28	3.45	6.48	Horizontal	Pass
1399.0	-64.97	-13	-51.97	-67.02	3.19	5.24	Vertical	Pass
2098.5	-62.96	-13	-49.96	-64.47	3.35	4.86	Vertical	Pass
2798.0	-61.17	-13	-48.17	-64.2	3.45	6.48	Vertical	Pass

CA_4A_12A-Middle channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1406.0	-65.17	-13	-52.17	-67.25	3.2	5.28	Horizontal	Pass
2109.0	-63.72	-13	-50.72	-65.25	3.35	4.88	Horizontal	Pass
2812.0	-60.13	-13	-47.13	-63.19	3.45	6.51	Horizontal	Pass
1406.0	-64.5	-13	-51.5	-66.58	3.2	5.28	Vertical	Pass
2109.0	-62.94	-13	-49.94	-64.47	3.35	4.88	Vertical	Pass
2812.0	-58.6	-13	-45.6	-61.66	3.45	6.51	Vertical	Pass

CA_4A_12A-High channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1413.0	-63.85	-13	-50.85	-65.97	3.21	5.33	Horizontal	Pass
2119.5	-63.94	-13	-50.94	-65.49	3.36	4.91	Horizontal	Pass
2826.0	-60.85	-13	-47.85	-63.94	3.45	6.54	Horizontal	Pass
1413.0	-64.08	-13	-51.08	-66.2	3.21	5.33	Vertical	Pass
2119.5	-64.1	-13	-51.1	-65.65	3.36	4.91	Vertical	Pass
2826.0	-59.6	-13	-46.6	-62.69	3.45	6.54	Vertical	Pass

CA_12A_66A-Low channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3422.0	-58.73	-13	-45.73	-62.61	4.1	7.98	Horizontal	Pass
5133.0	-55.11	-13	-42.11	-60.1	5.23	10.22	Horizontal	Pass
6844.0	-56.75	-13	-43.75	-62.14	5.54	10.93	Horizontal	Pass
3422.0	-58.02	-13	-45.02	-61.9	4.1	7.98	Vertical	Pass
5133.0	-56.37	-13	-43.37	-61.36	5.23	10.22	Vertical	Pass
6844.0	-55.39	-13	-42.39	-60.78	5.54	10.93	Vertical	Pass

CA_12A_66A-Middle channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3472.0	-58.63	-13	-45.63	-62.55	4.18	8.1	Horizontal	Pass
5208.0	-53.65	-13	-40.65	-58.65	5.27	10.27	Horizontal	Pass
6944.0	-55.1	-13	-42.1	-60.6	5.56	11.06	Horizontal	Pass
3472.0	-58.06	-13	-45.06	-61.98	4.18	8.1	Vertical	Pass
5208.0	-56.16	-13	-43.16	-61.16	5.27	10.27	Vertical	Pass
6944.0	-55.07	-13	-42.07	-60.57	5.56	11.06	Vertical	Pass

CA_12A_66A-High channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3522.0	-58.22	-13	-45.22	-62.2	4.22	8.2	Horizontal	Pass
5283.0	-53.69	-13	-40.69	-58.71	5.3	10.32	Horizontal	Pass
7044.0	-53.07	-13	-40.07	-58.67	5.58	11.18	Horizontal	Pass
3522.0	-59.24	-13	-46.24	-63.22	4.22	8.2	Vertical	Pass
5283.0	-53.22	-13	-40.22	-58.24	5.3	10.32	Vertical	Pass
7044.0	-56.43	-13	-43.43	-62.03	5.58	11.18	Vertical	Pass

CA_14A_66A-Low channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3422.0	-59.53	-13	-46.53	-63.41	4.1	7.98	Horizontal	Pass
5133.0	-55.53	-13	-42.53	-60.52	5.23	10.22	Horizontal	Pass
6844.0	-57.07	-13	-44.07	-62.46	5.54	10.93	Horizontal	Pass
3422.0	-59.81	-13	-46.81	-63.69	4.1	7.98	Vertical	Pass
5133.0	-56.1	-13	-43.1	-61.09	5.23	10.22	Vertical	Pass
6844.0	-56.4	-13	-43.4	-61.79	5.54	10.93	Vertical	Pass

CA_14A_66A-Middle channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3472.0	-57.53	-30	-27.53	-61.45	4.18	8.1	Horizontal	Pass
5208.0	-55.09	-30	-25.09	-60.09	5.27	10.27	Horizontal	Pass
6944.0	-56.63	-30	-26.63	-62.13	5.56	11.06	Horizontal	Pass
3472.0	-58.13	-30	-28.13	-62.05	4.18	8.1	Vertical	Pass
5208.0	-53.93	-30	-23.93	-58.93	5.27	10.27	Vertical	Pass
6944.0	-55.9	-30	-25.9	-61.4	5.56	11.06	Vertical	Pass

CA_14A_66A-High channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3522.0	-57.35	-30	-27.35	-61.33	4.22	8.2	Horizontal	Pass
5283.0	-53.87	-30	-23.87	-58.89	5.3	10.32	Horizontal	Pass
7044.0	-53.95	-30	-23.95	-59.55	5.58	11.18	Horizontal	Pass
3522.0	-57.2	-30	-27.2	-61.18	4.22	8.2	Vertical	Pass
5283.0	-55.28	-30	-25.28	-60.3	5.3	10.32	Vertical	Pass
7044.0	-56.79	-30	-26.79	-62.39	5.58	11.18	Vertical	Pass

CA_2A_14A-Middle channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1577.0	-63.78	-40	-23.78	-66.17	3.3	5.69	Horizontal	Pass
2365.5	-61.2	-13	-48.2	-63.29	3.41	5.5	Horizontal	Pass
3154.0	-59.24	-13	-46.24	-62.85	3.69	7.3	Horizontal	Pass
1577.0	-63.68	-40	-23.68	-66.07	3.3	5.69	Vertical	Pass
2365.5	-62.76	-13	-49.76	-64.85	3.41	5.5	Vertical	Pass
3154.0	-59.58	-13	-46.58	-63.19	3.69	7.3	Vertical	Pass

- End of the Appendix -