

Field Strength of Spurious Radiation

GSM:

GSM850-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
1648.4	-70.71	-13.00	-57.71	-72.76	3.64	5.69	Horizontal	Pass
2472.6	-59.47	-13.00	-46.47	-62.86	3.78	7.17	Horizontal	Pass
3296.8	-66.74	-13.00	-53.74	-71.23	4.28	8.77	Horizontal	Pass
1648.4	-70.42	-13.00	-57.42	-72.47	3.64	5.69	Vertical	Pass
2472.6	-68.98	-13.00	-55.98	-72.37	3.78	7.17	Vertical	Pass
3296.8	-66.44	-13.00	-53.44	-70.93	4.28	8.77	Vertical	Pass

GSM850-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
1673.2	-71.96	-13.00	-58.96	-74.10	3.65	5.79	Horizontal	Pass
2509.8	-68.82	-13.00	-55.82	-72.54	3.78	7.50	Horizontal	Pass
3346.4	-66.65	-13.00	-53.65	-71.12	4.33	8.80	Horizontal	Pass
1673.2	-71.98	-13.00	-58.98	-74.12	3.65	5.79	Vertical	Pass
2509.8	-68.90	-13.00	-55.90	-72.62	3.78	7.50	Vertical	Pass
3346.4	-67.09	-13.00	-54.09	-71.56	4.33	8.80	Vertical	Pass

GSM850-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
1697.6	-71.65	-13.00	-58.65	-73.88	3.66	5.89	Horizontal	Pass
2546.4	-63.99	-13.00	-50.99	-67.70	3.79	7.50	Horizontal	Pass
3395.2	-66.37	-13.00	-53.37	-70.70	4.38	8.71	Horizontal	Pass
1697.6	-71.78	-13.00	-58.78	-74.01	3.66	5.89	Vertical	Pass
2546.4	-66.03	-13.00	-53.03	-69.74	3.79	7.50	Vertical	Pass
3395.2	-66.76	-13.00	-53.76	-71.09	4.38	8.71	Vertical	Pass

GSM1900-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
3700.4	-57.86	-13.00	-44.86	-62.12	4.54	8.80	Horizontal	Pass
5550.6	-53.77	-13.00	-40.77	-56.25	6.02	8.50	Horizontal	Pass
7400.8	-52.92	-13.00	-39.92	-57.39	6.03	10.50	Horizontal	Pass
3700.4	-57.79	-13.00	-44.79	-62.05	4.54	8.80	Vertical	Pass
5550.6	-53.77	-13.00	-40.77	-56.25	6.02	8.50	Vertical	Pass
7400.8	-53.90	-13.00	-40.90	-58.37	6.03	10.50	Vertical	Pass

GSM1900-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
3760.0	-65.30	-13.00	-52.30	-69.29	4.55	8.54	Horizontal	Pass
5640.0	-62.23	-13.00	-49.23	-64.90	5.99	8.66	Horizontal	Pass
7520.0	-60.16	-13.00	-47.16	-64.95	6.01	10.80	Horizontal	Pass
3760.0	-64.89	-13.00	-51.89	-68.88	4.55	8.54	Vertical	Pass
5640.0	-62.06	-13.00	-49.06	-64.73	5.99	8.66	Vertical	Pass
7520.0	-60.02	-13.00	-47.02	-64.81	6.01	10.80	Vertical	Pass

GSM1900-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
3819.6	-64.62	-13.00	-51.62	-68.75	4.57	8.70	Horizontal	Pass
5729.4	-61.80	-13.00	-48.80	-64.36	5.96	8.52	Horizontal	Pass
7639.2	-59.43	-13.00	-46.43	-64.53	6.00	11.10	Horizontal	Pass
3819.6	-64.70	-13.00	-51.70	-68.83	4.57	8.70	Vertical	Pass
5729.4	-61.70	-13.00	-48.70	-64.26	5.96	8.52	Vertical	Pass
7639.2	-59.64	-13.00	-46.64	-64.74	6.00	11.10	Vertical	Pass

WCDMA:

WCDMA Band 2-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
3704.8	-46.50	-13.00	-33.50	-50.73	4.54	8.77	Horizontal	Pass
5557.2	-50.90	-13.00	-37.90	-53.44	6.02	8.56	Horizontal	Pass
7409.6	-57.00	-13.00	-44.00	-61.53	6.03	10.56	Horizontal	Pass
3704.8	-49.44	-13.00	-36.44	-53.67	4.54	8.77	Vertical	Pass
5557.2	-52.04	-13.00	-39.04	-54.58	6.02	8.56	Vertical	Pass
7409.6	-59.02	-13.00	-46.02	-63.55	6.03	10.56	Vertical	Pass

WCDMA Band 2-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
3760.0	-49.45	-13.00	-36.45	-53.44	4.55	8.54	Horizontal	Pass
5640.0	-57.28	-13.00	-44.28	-59.95	5.99	8.66	Horizontal	Pass
7520.0	-59.14	-13.00	-46.14	-63.93	6.01	10.80	Horizontal	Pass
3760.0	-44.78	-13.00	-31.78	-48.77	4.55	8.54	Vertical	Pass
5640.0	-55.23	-13.00	-42.23	-57.90	5.99	8.66	Vertical	Pass
7520.0	-59.08	-13.00	-46.08	-63.87	6.01	10.80	Vertical	Pass

WCDMA Band 2-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
3815.2	-48.29	-13.00	-35.29	-52.42	4.57	8.70	Horizontal	Pass
5722.8	-55.56	-13.00	-42.56	-58.09	5.96	8.49	Horizontal	Pass
7630.4	-59.24	-13.00	-46.24	-64.34	6.00	11.10	Horizontal	Pass
3815.2	-56.32	-13.00	-43.32	-60.45	4.57	8.70	Vertical	Pass
5722.8	-58.66	-13.00	-45.66	-61.19	5.96	8.49	Vertical	Pass
7630.4	-59.68	-13.00	-46.68	-64.78	6.00	11.10	Vertical	Pass

WCDMA Band 4-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	-53.92	-13.00	-40.92	-58.16	4.41	8.65	Horizontal	Pass
5137.2	-35.47	-13.00	-22.47	-38.37	5.63	8.53	Horizontal	Pass
6849.6	-61.48	-13.00	-48.48	-65.71	6.07	10.30	Horizontal	Pass
3424.8	-57.76	-13.00	-44.76	-62.00	4.41	8.65	Vertical	Pass
5137.2	-43.89	-13.00	-30.89	-46.79	5.63	8.53	Vertical	Pass
6849.6	-60.94	-13.00	-47.94	-65.17	6.07	10.30	Vertical	Pass

WCDMA Band 4-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	-59.10	-13.00	-46.10	-63.34	4.45	8.69	Horizontal	Pass
5197.8	-48.02	-13.00	-35.02	-50.72	5.70	8.40	Horizontal	Pass
6930.4	-60.02	-13.00	-47.02	-64.59	6.09	10.66	Horizontal	Pass
3465.2	-59.41	-13.00	-46.41	-63.65	4.45	8.69	Vertical	Pass
5197.8	-50.30	-13.00	-37.30	-53.00	5.70	8.40	Vertical	Pass
6930.4	-60.60	-13.00	-47.60	-65.17	6.09	10.66	Vertical	Pass

WCDMA Band 4-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	-59.69	-13.00	-46.69	-64.11	4.49	8.91	Horizontal	Pass
5257.8	-48.46	-13.00	-35.46	-51.27	5.77	8.58	Horizontal	Pass
7010.4	-58.73	-13.00	-45.73	-62.97	6.10	10.34	Horizontal	Pass
3505.2	-59.83	-13.00	-46.83	-64.25	4.49	8.91	Vertical	Pass
5257.8	-52.54	-13.00	-39.54	-55.35	5.77	8.58	Vertical	Pass
7010.4	-58.38	-13.00	-45.38	-62.62	6.10	10.34	Vertical	Pass

WCDMA Band 5-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
1652.8	-62.45	-13.00	-49.45	-64.52	3.64	5.71	Horizontal	Pass
2479.2	-52.75	-13.00	-39.75	-56.22	3.78	7.25	Horizontal	Pass
3305.6	-59.16	-13.00	-46.16	-63.67	4.29	8.80	Horizontal	Pass
1652.8	-62.16	-13.00	-49.16	-64.23	3.64	5.71	Vertical	Pass
2479.2	-42.96	-13.00	-29.96	-46.43	3.78	7.25	Vertical	Pass
3305.6	-57.97	-13.00	-44.97	-62.48	4.29	8.80	Vertical	Pass

WCDMA Band 5-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
1672.8	-64.28	-13.00	-51.28	-66.42	3.65	5.79	Horizontal	Pass
2509.2	-51.64	-13.00	-38.64	-55.36	3.78	7.50	Horizontal	Pass
3345.6	-58.22	-13.00	-45.22	-62.69	4.33	8.80	Horizontal	Pass
1672.8	-62.78	-13.00	-49.78	-64.92	3.65	5.79	Vertical	Pass
2509.2	-46.29	-13.00	-33.29	-50.01	3.78	7.50	Vertical	Pass
3345.6	-57.49	-13.00	-44.49	-61.96	4.33	8.80	Vertical	Pass

WCDMA Band 5-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
1693.2	-63.80	-13.00	-50.80	-66.02	3.65	5.87	Horizontal	Pass
2539.8	-46.21	-13.00	-33.21	-49.92	3.79	7.50	Horizontal	Pass
3386.4	-56.79	-13.00	-43.79	-61.15	4.37	8.73	Horizontal	Pass
1693.2	-63.55	-13.00	-50.55	-65.77	3.65	5.87	Vertical	Pass
2539.8	-51.32	-13.00	-38.32	-55.03	3.79	7.50	Vertical	Pass
3386.4	-59.16	-13.00	-46.16	-63.52	4.37	8.73	Vertical	Pass

LTE:

LTE Band 2-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
3720.0	-57.93	-13.00	-44.93	-62.07	4.54	8.68	Horizontal	Pass
5580.0	-54.02	-13.00	-41.02	-56.75	6.01	8.74	Horizontal	Pass
7440.0	-52.46	-13.00	-39.46	-57.18	6.02	10.74	Horizontal	Pass
3720.0	-56.80	-13.00	-43.80	-60.94	4.54	8.68	Vertical	Pass
5580.0	-53.65	-13.00	-40.65	-56.38	6.01	8.74	Vertical	Pass
7440.0	-52.58	-13.00	-39.58	-57.30	6.02	10.74	Vertical	Pass

LTE Band 2-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
3760.0	-57.53	-13.00	-44.53	-61.52	4.55	8.54	Horizontal	Pass
5640.0	-54.88	-13.00	-41.88	-57.55	5.99	8.66	Horizontal	Pass
7520.0	-51.54	-13.00	-38.54	-56.33	6.01	10.80	Horizontal	Pass
3760.0	-57.98	-13.00	-44.98	-61.97	4.55	8.54	Vertical	Pass
5640.0	-54.13	-13.00	-41.13	-56.80	5.99	8.66	Vertical	Pass
7520.0	-50.59	-13.00	-37.59	-55.38	6.01	10.80	Vertical	Pass

LTE Band 2-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
3800.0	-56.53	-13.00	-43.53	-60.67	4.56	8.70	Horizontal	Pass
5700.0	-53.56	-13.00	-40.56	-55.99	5.97	8.40	Horizontal	Pass
7600.0	-50.66	-13.00	-37.66	-55.75	6.01	11.10	Horizontal	Pass
3800.0	-56.86	-13.00	-43.86	-61.00	4.56	8.70	Vertical	Pass
5700.0	-54.14	-13.00	-41.14	-56.57	5.97	8.40	Vertical	Pass
7600.0	-51.01	-13.00	-38.01	-56.10	6.01	11.10	Vertical	Pass

LTE Band 4-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
3440.0	-50.25	-13.00	-37.25	-54.44	4.43	8.62	Horizontal	Pass
5160.0	-48.92	-13.00	-35.92	-51.74	5.66	8.48	Horizontal	Pass
6880.0	-52.38	-13.00	-39.38	-56.96	6.08	10.66	Horizontal	Pass
3440.0	-50.56	-13.00	-37.56	-54.75	4.43	8.62	Vertical	Pass
5160.0	-54.31	-13.00	-41.31	-57.13	5.66	8.48	Vertical	Pass
6880.0	-52.69	-13.00	-39.69	-57.27	6.08	10.66	Vertical	Pass

LTE Band 4-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
3465.0	-52.02	-13.00	-39.02	-56.26	4.45	8.69	Horizontal	Pass
5197.5	-49.05	-13.00	-36.05	-51.76	5.70	8.41	Horizontal	Pass
6930.0	-53.64	-13.00	-40.64	-58.21	6.09	10.66	Horizontal	Pass
3465.0	-56.63	-13.00	-43.63	-60.87	4.45	8.69	Vertical	Pass
5197.5	-52.72	-13.00	-39.72	-55.43	5.70	8.41	Vertical	Pass
6930.0	-53.22	-13.00	-40.22	-57.79	6.09	10.66	Vertical	Pass

LTE Band 4-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
3490.0	-56.83	-13.00	-43.83	-61.19	4.48	8.84	Horizontal	Pass
5235.0	-44.80	-13.00	-31.80	-47.60	5.74	8.54	Horizontal	Pass
6980.0	-52.82	-13.00	-39.82	-57.10	6.10	10.38	Horizontal	Pass
3490.0	-54.08	-13.00	-41.08	-58.44	4.48	8.84	Vertical	Pass
5235.0	-38.81	-13.00	-25.81	-41.61	5.74	8.54	Vertical	Pass
6980.0	-51.99	-13.00	-38.99	-56.27	6.10	10.38	Vertical	Pass

LTE Band 5-Low 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
1658.0	-63.12	-13.00	-50.12	-65.21	3.64	5.73	Horizontal	Pass
2487.0	-35.48	-13.00	-22.48	-39.04	3.78	7.34	Horizontal	Pass
3316.0	-57.81	-13.00	-44.81	-62.31	4.30	8.80	Horizontal	Pass
1658.0	-63.41	-13.00	-50.41	-65.50	3.64	5.73	Vertical	Pass
2487.0	-43.21	-13.00	-30.21	-46.77	3.78	7.34	Vertical	Pass
3316.0	-59.07	-13.00	-46.07	-63.57	4.30	8.80	Vertical	Pass

LTE Band 5-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
1673.0	-62.66	-13.00	-49.66	-64.80	3.65	5.79	Horizontal	Pass
2509.5	-52.53	-13.00	-39.53	-56.25	3.78	7.50	Horizontal	Pass
3346.0	-57.61	-13.00	-44.61	-62.08	4.33	8.80	Horizontal	Pass
1673.0	-63.28	-13.00	-50.28	-65.42	3.65	5.79	Vertical	Pass
2509.5	-51.71	-13.00	-38.71	-55.43	3.78	7.50	Vertical	Pass
3346.0	-58.89	-13.00	-45.89	-63.36	4.33	8.80	Vertical	Pass

LTE Band 5-High 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
1688.0	-63.64	-13.00	-50.64	-65.84	3.65	5.85	Horizontal	Pass
2532.0	-50.90	-13.00	-37.90	-54.61	3.79	7.50	Horizontal	Pass
3376.0	-58.44	-13.00	-45.44	-62.83	4.36	8.75	Horizontal	Pass
1688.0	-63.00	-13.00	-50.00	-65.20	3.65	5.85	Vertical	Pass
2532.0	-41.46	-13.00	-28.46	-45.17	3.79	7.50	Vertical	Pass
3376.0	-58.04	-13.00	-45.04	-62.43	4.36	8.75	Vertical	Pass

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
5020.0	-53.67	-25.00	-28.67	-56.33	5.50	8.16	Horizontal	Pass
7530.0	-52.45	-25.00	-27.45	-57.24	6.01	10.80	Horizontal	Pass
10040.0	-47.48	-25.00	-22.48	-52.99	6.43	11.94	Horizontal	Pass
5020.0	-53.09	-25.00	-28.09	-55.75	5.50	8.16	Vertical	Pass
7530.0	-51.80	-25.00	-26.80	-56.59	6.01	10.80	Vertical	Pass
10040.0	-47.70	-25.00	-22.70	-53.21	6.43	11.94	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
5070.0	-54.13	-25.00	-29.13	-57.05	5.56	8.48	Horizontal	Pass
7605.0	-51.17	-25.00	-26.17	-56.26	6.01	11.10	Horizontal	Pass
10140.0	-47.96	-25.00	-22.96	-53.71	6.45	12.20	Horizontal	Pass
5070.0	-53.81	-25.00	-28.81	-56.73	5.56	8.48	Vertical	Pass
7605.0	-50.64	-25.00	-25.64	-55.73	6.01	11.10	Vertical	Pass
10140.0	-47.18	-25.00	-22.18	-52.93	6.45	12.20	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
5120.0	-55.19	-25.00	-30.19	-58.14	5.61	8.56	Horizontal	Pass
7680.0	-51.82	-25.00	-26.82	-56.98	6.00	11.16	Horizontal	Pass
10240.0	-47.11	-25.00	-22.11	-53.02	6.47	12.38	Horizontal	Pass
5120.0	-54.60	-25.00	-29.60	-57.55	5.61	8.56	Vertical	Pass
7680.0	-51.32	-25.00	-26.32	-56.48	6.00	11.16	Vertical	Pass
10240.0	-46.56	-25.00	-21.56	-52.47	6.47	12.38	Vertical	Pass

LTE Band 12-Low 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
1408.0	-61.26	-13.00	-48.26	-61.20	3.51	3.45	Horizontal	Pass
2112.0	-44.04	-13.00	-31.04	-46.61	3.78	6.35	Horizontal	Pass
2816.0	-60.13	-13.00	-47.13	-64.26	3.90	8.03	Horizontal	Pass
1408.0	-62.67	-13.00	-49.67	-62.61	3.51	3.45	Vertical	Pass
2112.0	-39.46	-13.00	-26.46	-42.03	3.78	6.35	Vertical	Pass
2816.0	-61.25	-13.00	-48.25	-65.38	3.90	8.03	Vertical	Pass

LTE Band 12-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
1415.0	-61.11	-13.00	-48.11	-61.09	3.51	3.49	Horizontal	Pass
2122.5	-42.34	-13.00	-29.34	-44.87	3.78	6.31	Horizontal	Pass
2830.0	-60.84	-13.00	-47.84	-64.99	3.91	8.06	Horizontal	Pass
1415.0	-62.91	-13.00	-49.91	-62.89	3.51	3.49	Vertical	Pass
2122.5	-48.67	-13.00	-35.67	-51.20	3.78	6.31	Vertical	Pass
2830.0	-61.34	-13.00	-48.34	-65.49	3.91	8.06	Vertical	Pass

LTE Band 12-High 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
1422.0	-63.07	-13.00	-50.07	-63.08	3.52	3.53	Horizontal	Pass
2133.0	-49.30	-13.00	-36.30	-51.79	3.78	6.27	Horizontal	Pass
2844.0	-61.86	-13.00	-48.86	-66.03	3.92	8.09	Horizontal	Pass
1422.0	-62.34	-13.00	-49.34	-62.35	3.52	3.53	Vertical	Pass
2133.0	-44.52	-13.00	-31.52	-47.01	3.78	6.27	Vertical	Pass
2844.0	-58.03	-13.00	-45.03	-62.20	3.92	8.09	Vertical	Pass

LTE Band 13-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
1564.0	-62.84	-40.00	-22.84	-64.18	3.60	4.94	Horizontal	Pass
2346.0	-61.96	-13.00	-48.96	-64.76	3.78	6.58	Horizontal	Pass
3128.0	-59.51	-13.00	-46.51	-63.97	4.11	8.57	Horizontal	Pass
1564.0	-62.77	-40.00	-22.77	-64.11	3.60	4.94	Vertical	Pass
2346.0	-61.46	-13.00	-48.46	-64.26	3.78	6.58	Vertical	Pass
3128.0	-59.07	-13.00	-46.07	-63.53	4.11	8.57	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
1586.0	-62.22	-40.00	-22.22	-63.77	3.61	5.16	Horizontal	Pass
2379.0	-60.94	-13.00	-47.94	-64.11	3.78	6.95	Horizontal	Pass
3172.0	-58.65	-13.00	-45.65	-63.19	4.16	8.70	Horizontal	Pass
1586.0	-62.94	-40.00	-22.94	-64.49	3.61	5.16	Vertical	Pass
2379.0	-62.34	-13.00	-49.34	-65.51	3.78	6.95	Vertical	Pass
3172.0	-58.89	-13.00	-45.89	-63.43	4.16	8.70	Vertical	Pass

LTE Band 17-Low 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
1418.0	-62.55	-13.00	-49.55	-62.54	3.52	3.51	Horizontal	Pass
2127.0	-44.34	-13.00	-31.34	-46.85	3.78	6.29	Horizontal	Pass
2836.0	-60.24	-13.00	-47.24	-64.40	3.91	8.07	Horizontal	Pass
1418.0	-61.74	-13.00	-48.74	-61.73	3.52	3.51	Vertical	Pass
2127.0	-40.58	-13.00	-27.58	-43.09	3.78	6.29	Vertical	Pass
2836.0	-59.69	-13.00	-46.69	-63.85	3.91	8.07	Vertical	Pass

LTE Band 17-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
1420.0	-63.85	-13.00	-50.85	-63.85	3.52	3.52	Horizontal	Pass
2130.0	-42.22	-13.00	-29.22	-44.72	3.78	6.28	Horizontal	Pass
2840.0	-60.67	-13.00	-47.67	-64.84	3.91	8.08	Horizontal	Pass
1420.0	-64.04	-13.00	-51.04	-64.04	3.52	3.52	Vertical	Pass
2130.0	-48.76	-13.00	-35.76	-51.26	3.78	6.28	Vertical	Pass
2840.0	-60.02	-13.00	-47.02	-64.19	3.91	8.08	Vertical	Pass

LTE Band 17-High 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
1422.0	-61.90	-13.00	-48.90	-61.91	3.52	3.53	Horizontal	Pass
2133.0	-46.01	-13.00	-33.01	-48.50	3.78	6.27	Horizontal	Pass
2844.0	-60.16	-13.00	-47.16	-64.33	3.92	8.09	Horizontal	Pass
1422.0	-63.54	-13.00	-50.54	-63.55	3.52	3.53	Vertical	Pass
2133.0	-61.25	-13.00	-48.25	-63.74	3.78	6.27	Vertical	Pass
2844.0	-61.97	-13.00	-48.97	-66.14	3.92	8.09	Vertical	Pass

LTE Band 25-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
3720.0	-57.80	-13.00	-44.80	-61.94	4.54	8.68	Horizontal	Pass
5580.0	-54.23	-13.00	-41.23	-56.96	6.01	8.74	Horizontal	Pass
7440.0	-54.17	-13.00	-41.17	-58.89	6.02	10.74	Horizontal	Pass
3720.0	-57.90	-13.00	-44.90	-62.04	4.54	8.68	Vertical	Pass
5580.0	-52.55	-13.00	-39.55	-55.28	6.01	8.74	Vertical	Pass
7440.0	-52.23	-13.00	-39.23	-56.95	6.02	10.74	Vertical	Pass

LTE Band 25-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
3405.9	-51.47	-13.00	-38.47	-55.77	4.39	8.69	Horizontal	Pass
5647.5	-54.10	-13.00	-41.10	-56.73	5.99	8.62	Horizontal	Pass
7530.0	-52.07	-13.00	-39.07	-56.86	6.01	10.80	Horizontal	Pass
3765.0	-56.93	-13.00	-43.93	-60.94	4.55	8.56	Vertical	Pass
5647.5	-53.35	-13.00	-40.35	-55.98	5.99	8.62	Vertical	Pass
7530.0	-51.05	-13.00	-38.05	-55.84	6.01	10.80	Vertical	Pass

LTE Band 25-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
3810.0	-56.33	-13.00	-43.33	-60.47	4.56	8.70	Horizontal	Pass
5715.0	-54.10	-13.00	-41.10	-56.59	5.97	8.46	Horizontal	Pass
7620.0	-51.53	-13.00	-38.53	-56.62	6.01	11.10	Horizontal	Pass
3810.0	-56.99	-13.00	-43.99	-61.13	4.56	8.70	Vertical	Pass
5715.0	-54.12	-13.00	-41.12	-56.61	5.97	8.46	Vertical	Pass
7620.0	-51.33	-13.00	-38.33	-56.42	6.01	11.10	Vertical	Pass

LTE Band 26a(814-824MHz)-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
1638.0	-63.37	-13.00	-50.37	-65.34	3.63	5.60	Horizontal	Pass
2457.0	-46.40	-13.00	-33.40	-49.60	3.78	6.98	Horizontal	Pass
3276.0	-58.37	-13.00	-45.37	-62.67	4.26	8.56	Horizontal	Pass
1638.0	-63.32	-13.00	-50.32	-65.29	3.63	5.60	Vertical	Pass
2457.0	-46.54	-13.00	-33.54	-49.74	3.78	6.98	Vertical	Pass
3276.0	-58.61	-13.00	-45.61	-62.91	4.26	8.56	Vertical	Pass

LTE Band 26b(824-849MHz)-Low channel, Modulation: QPSK, Bandwidth:15MHz, 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
1663.0	-63.74	-13.00	-50.74	-65.85	3.64	5.75	Horizontal	Pass
2494.5	-46.73	-13.00	-33.73	-50.38	3.78	7.43	Horizontal	Pass
3326.0	-59.44	-13.00	-46.44	-63.93	4.31	8.80	Horizontal	Pass
1663.0	-66.13	-13.00	-53.13	-68.24	3.64	5.75	Vertical	Pass
2494.5	-62.79	-13.00	-49.79	-66.44	3.78	7.43	Vertical	Pass
3326.0	-60.70	-13.00	-47.70	-65.19	4.31	8.80	Vertical	Pass

LTE Band 26b(824-849MHz)-Middle channel, Modulation: QPSK, Bandwidth:15MHz, 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
1673.0	-62.36	-13.00	-49.36	-64.50	3.65	5.79	Horizontal	Pass
2509.5	-38.66	-13.00	-25.66	-42.38	3.78	7.50	Horizontal	Pass
3346.0	-57.63	-13.00	-44.63	-62.10	4.33	8.80	Horizontal	Pass
1673.0	-62.37	-13.00	-49.37	-64.51	3.65	5.79	Vertical	Pass
2509.5	-37.74	-13.00	-24.74	-41.46	3.78	7.50	Vertical	Pass
3346.0	-57.93	-13.00	-44.93	-62.40	4.33	8.80	Vertical	Pass

LTE Band 26b(824-849MHz)-High channel, Modulation: QPSK, Bandwidth:15MHz, 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
1683.0	-66.53	-13.00	-53.53	-68.71	3.65	5.83	Horizontal	Pass
2524.5	-59.92	-13.00	-46.92	-63.63	3.79	7.50	Horizontal	Pass
3366.0	-59.91	-13.00	-46.91	-64.33	4.35	8.77	Horizontal	Pass
1683.0	-64.24	-13.00	-51.24	-66.42	3.65	5.83	Vertical	Pass
2524.5	-52.81	-13.00	-39.81	-56.52	3.79	7.50	Vertical	Pass
3366.0	-58.86	-13.00	-45.86	-63.28	4.35	8.77	Vertical	Pass

LTE Band 26c(814-849MHz)-Low channel, Modulation: QPSK, Bandwidth:15MHz, 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
1643.0	-65.34	-13.00	-52.34	-67.35	3.63	5.64	Horizontal	Pass
2464.5	-62.43	-13.00	-49.43	-65.72	3.78	7.07	Horizontal	Pass
3286.0	-60.22	-13.00	-47.22	-64.61	4.27	8.66	Horizontal	Pass
1643.0	-64.52	-13.00	-51.52	-66.53	3.63	5.64	Vertical	Pass
2464.5	-45.99	-13.00	-32.99	-49.28	3.78	7.07	Vertical	Pass
3286.0	-59.45	-13.00	-46.45	-63.84	4.27	8.66	Vertical	Pass

LTE Band 26c(814-849MHz)-Middle channel, Modulation: QPSK, Bandwidth:15MHz, 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
1663.0	-62.94	-13.00	-49.94	-65.05	3.64	5.75	Horizontal	Pass
2494.5	-46.40	-13.00	-33.40	-50.05	3.78	7.43	Horizontal	Pass
3326.0	-59.12	-13.00	-46.12	-63.61	4.31	8.80	Horizontal	Pass
1663.0	-63.15	-13.00	-50.15	-65.26	3.64	5.75	Vertical	Pass
2494.5	-45.44	-13.00	-32.44	-49.09	3.78	7.43	Vertical	Pass
3326.0	-58.09	-13.00	-45.09	-62.58	4.31	8.80	Vertical	Pass

LTE Band 26c(814-849MHz)-High channel, Modulation: QPSK, Bandwidth:15MHz, 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
1683.0	-64.23	-13.00	-51.23	-66.41	3.65	5.83	Horizontal	Pass
2524.5	-39.01	-13.00	-26.01	-42.72	3.79	7.50	Horizontal	Pass
3366.0	-58.53	-13.00	-45.53	-62.95	4.35	8.77	Horizontal	Pass
1683.0	-64.78	-13.00	-51.78	-66.96	3.65	5.83	Vertical	Pass
2524.5	-60.53	-13.00	-47.53	-64.24	3.79	7.50	Vertical	Pass
3366.0	-58.39	-13.00	-45.39	-62.81	4.35	8.77	Vertical	Pass

LTE Band 38-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
3435.6	-54.69	-25.00	-29.69	-58.90	4.42	8.63	Horizontal	Pass
7740.0	-51.38	-25.00	-26.38	-56.74	6.00	11.36	Horizontal	Pass
10320.0	-47.11	-25.00	-22.11	-52.76	6.49	12.14	Horizontal	Pass
5160.0	-54.29	-25.00	-29.29	-57.11	5.66	8.48	Vertical	Pass
7740.0	-51.48	-25.00	-26.48	-56.84	6.00	11.36	Vertical	Pass
10320.0	-47.24	-25.00	-22.24	-52.89	6.49	12.14	Vertical	Pass

LTE Band 38-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
5190.0	-47.69	-25.00	-22.69	-50.42	5.69	8.42	Horizontal	Pass
7785.0	-49.78	-25.00	-24.78	-55.18	6.00	11.40	Horizontal	Pass
10380.0	-46.96	-25.00	-21.96	-52.42	6.50	11.96	Horizontal	Pass
5190.0	-52.67	-25.00	-27.67	-55.40	5.69	8.42	Vertical	Pass
7785.0	-50.41	-25.00	-25.41	-55.81	6.00	11.40	Vertical	Pass
10380.0	-47.49	-25.00	-22.49	-52.95	6.50	11.96	Vertical	Pass

LTE Band 38-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
5220.0	-47.69	-25.00	-22.69	-50.44	5.73	8.48	Horizontal	Pass
7830.0	-50.20	-25.00	-25.20	-55.54	6.00	11.34	Horizontal	Pass
10440.0	-47.62	-25.00	-22.62	-53.04	6.52	11.94	Horizontal	Pass
5220.0	-51.90	-25.00	-26.90	-54.65	5.73	8.48	Vertical	Pass
7830.0	-50.84	-25.00	-25.84	-56.18	6.00	11.34	Vertical	Pass
10440.0	-48.49	-25.00	-23.49	-53.91	6.52	11.94	Vertical	Pass

LTE Band 41-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
5012.0	-53.16	-25.00	-28.16	-55.77	5.49	8.10	Horizontal	Pass
7518.0	-51.75	-25.00	-26.75	-56.54	6.01	10.80	Horizontal	Pass
10024.0	-46.65	-25.00	-21.65	-52.14	6.43	11.92	Horizontal	Pass
5012.0	-53.00	-25.00	-28.00	-55.61	5.49	8.10	Vertical	Pass
7518.0	-50.59	-25.00	-25.59	-55.38	6.01	10.80	Vertical	Pass
10024.0	-47.48	-25.00	-22.48	-52.97	6.43	11.92	Vertical	Pass

LTE Band 41-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
5186.0	-55.43	-25.00	-30.43	-58.17	5.69	8.43	Horizontal	Pass
7779.0	-50.32	-25.00	-25.32	-55.72	6.00	11.40	Horizontal	Pass
10372.0	-47.33	-25.00	-22.33	-52.81	6.50	11.98	Horizontal	Pass
5186.0	-54.79	-25.00	-29.79	-57.53	5.69	8.43	Vertical	Pass
7779.0	-50.87	-25.00	-25.87	-56.27	6.00	11.40	Vertical	Pass
10372.0	-47.10	-25.00	-22.10	-52.58	6.50	11.98	Vertical	Pass

LTE Band 41-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
5360.0	-55.28	-25.00	-30.28	-57.88	5.88	8.48	Horizontal	Pass
8040.0	-51.74	-25.00	-26.74	-56.92	6.00	11.18	Horizontal	Pass
10720.0	-47.76	-25.00	-22.76	-53.60	6.60	12.44	Horizontal	Pass
5360.0	-55.60	-25.00	-30.60	-58.20	5.88	8.48	Vertical	Pass
8040.0	-52.38	-25.00	-27.38	-57.56	6.00	11.18	Vertical	Pass
10720.0	-48.06	-25.00	-23.06	-53.90	6.60	12.44	Vertical	Pass

LTE Band 42a(3450-3550MHz)-FCC-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
6902.0	-51.34	-13.00	-38.34	-56.14	6.08	10.88	Horizontal	Pass
10353.0	-46.04	-13.00	-33.04	-51.58	6.50	12.04	Horizontal	Pass
13804.0	-44.59	-13.00	-31.59	-50.37	7.47	13.25	Horizontal	Pass
6902.0	-51.66	-13.00	-38.66	-56.46	6.08	10.88	Vertical	Pass
10353.0	-45.42	-13.00	-32.42	-50.96	6.50	12.04	Vertical	Pass
13804.0	-43.89	-13.00	-30.89	-49.67	7.47	13.25	Vertical	Pass

LTE Band 42a(3450-3550MHz)-FCC-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
6982.0	-52.44	-13.00	-39.44	-56.71	6.10	10.37	Horizontal	Pass
10473.0	-47.33	-13.00	-34.33	-52.78	6.52	11.97	Horizontal	Pass
13964.0	-44.83	-13.00	-31.83	-50.63	7.64	13.44	Horizontal	Pass
6982.0	-51.58	-13.00	-38.58	-55.85	6.10	10.37	Vertical	Pass
10473.0	-46.70	-13.00	-33.70	-52.15	6.52	11.97	Vertical	Pass
13964.0	-43.80	-13.00	-30.80	-49.60	7.64	13.44	Vertical	Pass

LTE Band 42a(3450-3550MHz)-FCC-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
7062.0	-50.78	-13.00	-37.78	-55.19	6.09	10.50	Horizontal	Pass
10593.0	-47.86	-13.00	-34.86	-53.39	6.56	12.09	Horizontal	Pass
14124.0	-44.02	-13.00	-31.02	-49.73	7.57	13.28	Horizontal	Pass
7062.0	-52.03	-13.00	-39.03	-56.44	6.09	10.50	Vertical	Pass
10593.0	-46.83	-13.00	-33.83	-52.36	6.56	12.09	Vertical	Pass
14124.0	-44.32	-13.00	-31.32	-50.03	7.57	13.28	Vertical	Pass

LTE Band 42b(3550-3600MHz)-FCC-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
7102.0	-60.14	-40.00	-20.14	-64.56	6.08	10.50	Horizontal	Pass
10653.0	-55.43	-40.00	-15.43	-61.11	6.58	12.26	Horizontal	Pass
14204.0	-53.19	-40.00	-13.19	-58.90	7.50	13.21	Horizontal	Pass
7102.0	-60.73	-40.00	-20.73	-65.15	6.08	10.50	Vertical	Pass
10653.0	-56.28	-40.00	-16.28	-61.96	6.58	12.26	Vertical	Pass
14204.0	-53.54	-40.00	-13.54	-59.25	7.50	13.21	Vertical	Pass

LTE Band 42b(3550-3600MHz)-FCC-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
7132.0	-60.90	-40.00	-20.90	-65.26	6.08	10.44	Horizontal	Pass
10698.0	-55.64	-40.00	-15.64	-61.44	6.59	12.39	Horizontal	Pass
14264.0	-53.22	-40.00	-13.22	-59.16	7.45	13.39	Horizontal	Pass
7132.0	-60.71	-40.00	-20.71	-65.07	6.08	10.44	Vertical	Pass
10698.0	-56.25	-40.00	-16.25	-62.05	6.59	12.39	Vertical	Pass
14264.0	-53.38	-40.00	-13.38	-59.32	7.45	13.39	Vertical	Pass

LTE Band 42b(3550-3600MHz)-FCC-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
7162.0	-60.48	-40.00	-20.48	-64.83	6.07	10.42	Horizontal	Pass
10743.0	-56.27	-40.00	-16.27	-62.15	6.61	12.49	Horizontal	Pass
14324.0	-53.04	-40.00	-13.04	-59.09	7.40	13.45	Horizontal	Pass
7162.0	-60.20	-40.00	-20.20	-64.55	6.07	10.42	Vertical	Pass
10743.0	-55.61	-40.00	-15.61	-61.49	6.61	12.49	Vertical	Pass
14324.0	-52.99	-40.00	-12.99	-59.04	7.40	13.45	Vertical	Pass

LTE Band 43 3600-3700 FCC-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
7202.0	-58.65	-40.00	-18.65	-63.09	6.06	10.50	Horizontal	Pass
10803.0	-54.20	-40.00	-14.20	-60.17	6.63	12.60	Horizontal	Pass
14404.0	-51.76	-40.00	-11.76	-57.74	7.33	13.31	Horizontal	Pass
7202.0	-58.79	-40.00	-18.79	-63.23	6.06	10.50	Vertical	Pass
10803.0	-54.12	-40.00	-14.12	-60.09	6.63	12.60	Vertical	Pass
14404.0	-52.02	-40.00	-12.02	-58.00	7.33	13.31	Vertical	Pass

LTE Band 43 3600-3700 FCC-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
8922.5	-55.98	-40.00	-15.98	-61.74	5.79	11.55	Horizontal	Pass
12235.4	-54.36	-40.00	-14.36	-60.29	6.98	12.91	Horizontal	Pass
17799.5	-47.41	-40.00	-7.41	-51.86	8.45	12.90	Horizontal	Pass
9455.9	-55.81	-40.00	-15.81	-61.45	6.08	11.72	Vertical	Pass
14039.0	-52.36	-40.00	-12.36	-58.07	7.65	13.36	Vertical	Pass
17945.1	-47.10	-40.00	-7.10	-51.51	8.54	12.95	Vertical	Pass

LTE Band 43 3600-3700 FCC-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
8913.4	-56.51	-40.00	-16.51	-62.28	5.80	11.57	Horizontal	Pass
12272.9	-53.97	-40.00	-13.97	-59.99	7.00	13.02	Horizontal	Pass
17781.3	-47.70	-40.00	-7.70	-52.20	8.44	12.94	Horizontal	Pass
9719.5	-56.07	-40.00	-16.07	-61.70	6.25	11.88	Vertical	Pass
12260.4	-54.36	-40.00	-14.36	-60.35	6.99	12.98	Vertical	Pass
14923.8	-52.01	-40.00	-12.01	-57.75	7.76	13.50	Vertical	Pass

LTE Band 43 3700-3800 FCC-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
9180.6	-55.90	-13.00	-42.90	-61.87	5.87	11.84	Horizontal	Pass
12861.6	-53.88	-13.00	-40.88	-60.23	6.89	13.24	Horizontal	Pass
14039.0	-52.14	-13.00	-39.14	-57.85	7.65	13.36	Horizontal	Pass
11152.3	-55.16	-13.00	-42.16	-60.98	6.78	12.60	Vertical	Pass
14024.7	-52.83	-13.00	-39.83	-58.55	7.66	13.38	Vertical	Pass
17745.1	-48.48	-13.00	-35.48	-53.08	8.41	13.01	Vertical	Pass

LTE Band 43 3700-3800 FCC-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
10620.1	-55.23	-13.00	-42.23	-60.82	6.57	12.16	Horizontal	Pass
13519.8	-53.17	-13.00	-40.17	-59.36	7.17	13.36	Horizontal	Pass
17945.1	-47.80	-13.00	-34.80	-52.21	8.54	12.95	Horizontal	Pass
11533.5	-54.63	-13.00	-41.63	-60.55	6.98	12.90	Vertical	Pass
14082.0	-53.36	-13.00	-40.36	-59.07	7.61	13.32	Vertical	Pass
17853.9	-48.45	-13.00	-35.45	-52.92	8.48	12.95	Vertical	Pass

LTE Band 43 3700-3800 FCC-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
8904.4	-56.62	-13.00	-43.62	-62.41	5.80	11.59	Horizontal	Pass
12861.6	-54.09	-13.00	-41.09	-60.44	6.89	13.24	Horizontal	Pass
17763.2	-48.63	-13.00	-35.63	-53.18	8.42	12.97	Horizontal	Pass
11533.5	-55.12	-13.00	-42.12	-61.04	6.98	12.90	Vertical	Pass
14969.4	-52.18	-13.00	-39.18	-57.87	7.81	13.50	Vertical	Pass
17763.2	-48.36	-13.00	-35.36	-52.91	8.42	12.97	Vertical	Pass

LTE Band 48-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
7102.0	-61.02	-40.00	-21.02	-65.44	6.08	10.50	Horizontal	Pass
10653.0	-56.55	-40.00	-16.55	-62.23	6.58	12.26	Horizontal	Pass
14204.0	-53.95	-40.00	-13.95	-59.66	7.50	13.21	Horizontal	Pass
7102.0	-60.63	-40.00	-20.63	-65.05	6.08	10.50	Vertical	Pass
10653.0	-56.48	-40.00	-16.48	-62.16	6.58	12.26	Vertical	Pass
14204.0	-53.43	-40.00	-13.43	-59.14	7.50	13.21	Vertical	Pass

LTE Band 48-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
7232.0	-60.88	-40.00	-20.88	-65.38	6.06	10.56	Horizontal	Pass
10848.0	-56.74	-40.00	-16.74	-62.65	6.64	12.55	Horizontal	Pass
14464.0	-53.85	-40.00	-13.85	-60.00	7.28	13.43	Horizontal	Pass
7232.0	-59.93	-40.00	-19.93	-64.43	6.06	10.56	Vertical	Pass
10848.0	-55.65	-40.00	-15.65	-61.56	6.64	12.55	Vertical	Pass
14464.0	-53.29	-40.00	-13.29	-59.44	7.28	13.43	Vertical	Pass

LTE Band 48-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
7362.0	-60.75	-40.00	-20.75	-65.45	6.03	10.73	Horizontal	Pass
11043.0	-55.96	-40.00	-15.96	-61.97	6.72	12.73	Horizontal	Pass
14724.0	-54.07	-40.00	-14.07	-60.07	7.52	13.52	Horizontal	Pass
7362.0	-60.69	-40.00	-20.69	-65.39	6.03	10.73	Vertical	Pass
11043.0	-55.82	-40.00	-15.82	-61.83	6.72	12.73	Vertical	Pass
14724.0	-54.85	-40.00	-14.85	-60.85	7.52	13.52	Vertical	Pass

LTE Band 66-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
3440.0	-56.40	-13.00	-43.40	-60.59	4.43	8.62	Horizontal	Pass
5160.0	-55.06	-13.00	-42.06	-57.88	5.66	8.48	Horizontal	Pass
6880.0	-52.28	-13.00	-39.28	-56.86	6.08	10.66	Horizontal	Pass
3440.0	-55.86	-13.00	-42.86	-60.05	4.43	8.62	Vertical	Pass
5160.0	-54.32	-13.00	-41.32	-57.14	5.66	8.48	Vertical	Pass
6880.0	-52.76	-13.00	-39.76	-57.34	6.08	10.66	Vertical	Pass

LTE Band 66-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
3490.0	-54.35	-13.00	-41.35	-58.71	4.48	8.84	Horizontal	Pass
5235.0	-34.17	-13.00	-21.17	-36.97	5.74	8.54	Horizontal	Pass
6980.0	-52.81	-13.00	-39.81	-57.09	6.10	10.38	Horizontal	Pass
3490.0	-55.49	-13.00	-42.49	-59.85	4.48	8.84	Vertical	Pass
5235.0	-52.37	-13.00	-39.37	-55.17	5.74	8.54	Vertical	Pass
6980.0	-52.09	-13.00	-39.09	-56.37	6.10	10.38	Vertical	Pass

LTE Band 66-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
3540.0	-54.05	-13.00	-41.05	-58.53	4.50	8.98	Horizontal	Pass
5310.0	-28.94	-13.00	-15.94	-31.61	5.83	8.50	Horizontal	Pass
7080.0	-51.54	-13.00	-38.54	-55.95	6.09	10.50	Horizontal	Pass
3540.0	-55.83	-13.00	-42.83	-60.31	4.50	8.98	Vertical	Pass
5310.0	-35.93	-13.00	-22.93	-38.60	5.83	8.50	Vertical	Pass
7080.0	-52.36	-13.00	-39.36	-56.77	6.09	10.50	Vertical	Pass

LTE Band 71-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
1328.0	-69.05	-13.00	-56.05	-68.21	3.45	2.61	Horizontal	Pass
1992.0	-68.35	-13.00	-55.35	-70.82	3.78	6.25	Horizontal	Pass
2656.0	-69.62	-13.00	-56.62	-73.56	3.84	7.78	Horizontal	Pass
1328.0	-69.25	-13.00	-56.25	-68.41	3.45	2.61	Vertical	Pass
1992.0	-67.46	-13.00	-54.46	-69.93	3.78	6.25	Vertical	Pass
2656.0	-69.50	-13.00	-56.50	-73.44	3.84	7.78	Vertical	Pass

LTE Band 71-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
1343.0	-68.57	-13.00	-55.57	-67.78	3.46	2.67	Horizontal	Pass
2014.5	-68.71	-13.00	-55.71	-71.10	3.78	6.17	Horizontal	Pass
2686.0	-68.70	-13.00	-55.70	-72.51	3.85	7.66	Horizontal	Pass
1343.0	-69.23	-13.00	-56.23	-68.44	3.46	2.67	Vertical	Pass
2014.5	-68.78	-13.00	-55.78	-71.17	3.78	6.17	Vertical	Pass
2686.0	-69.58	-13.00	-56.58	-73.39	3.85	7.66	Vertical	Pass

LTE Band 71-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
1358.0	-69.28	-13.00	-56.28	-68.62	3.47	2.81	Horizontal	Pass
2037.0	-69.18	-13.00	-56.18	-71.53	3.78	6.13	Horizontal	Pass
2716.0	-69.39	-13.00	-56.39	-73.26	3.86	7.73	Horizontal	Pass
1358.0	-69.38	-13.00	-56.38	-68.72	3.47	2.81	Vertical	Pass
2037.0	-68.49	-13.00	-55.49	-70.84	3.78	6.13	Vertical	Pass
2716.0	-69.04	-13.00	-56.04	-72.91	3.86	7.73	Vertical	Pass

CA:

CA_38C-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
5142.0	-62.85	-25.00	-37.85	-65.73	5.64	8.52	Horizontal	Pass
7713.0	-59.22	-25.00	-34.22	-64.47	6.00	11.25	Horizontal	Pass
10284.0	-56.18	-25.00	-31.18	-61.95	6.48	12.25	Horizontal	Pass
5142.0	-62.89	-25.00	-37.89	-65.77	5.64	8.52	Vertical	Pass
7713.0	-59.14	-25.00	-34.14	-64.39	6.00	11.25	Vertical	Pass
10284.0	-55.56	-25.00	-30.56	-61.33	6.48	12.25	Vertical	Pass

CA_38C-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
5152.2	-63.29	-25.00	-38.29	-66.14	5.65	8.50	Horizontal	Pass
7728.3	-59.37	-25.00	-34.37	-64.68	6.00	11.31	Horizontal	Pass
10304.4	-55.95	-25.00	-30.95	-61.65	6.49	12.19	Horizontal	Pass
5152.2	-62.83	-25.00	-37.83	-65.68	5.65	8.50	Vertical	Pass
7728.3	-59.23	-25.00	-34.23	-64.54	6.00	11.31	Vertical	Pass
10304.4	-56.32	-25.00	-31.32	-62.02	6.49	12.19	Vertical	Pass

CA_38C-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
5162.2	-62.98	-25.00	-37.98	-65.80	5.66	8.48	Horizontal	Pass
7743.3	-59.21	-25.00	-34.21	-64.58	6.00	11.37	Horizontal	Pass
10324.4	-56.55	-25.00	-31.55	-62.19	6.49	12.13	Horizontal	Pass
5162.2	-62.99	-25.00	-37.99	-65.81	5.66	8.48	Vertical	Pass
7743.3	-59.14	-25.00	-34.14	-64.51	6.00	11.37	Vertical	Pass
10324.4	-56.35	-25.00	-31.35	-61.99	6.49	12.13	Vertical	Pass

CA_41C-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
4994.0	-62.34	-25.00	-37.34	-64.87	5.48	8.01	Horizontal	Pass
7491.0	-60.24	-25.00	-35.24	-65.03	6.01	10.80	Horizontal	Pass
9988.0	-56.36	-25.00	-31.36	-61.92	6.41	11.97	Horizontal	Pass
4994.0	-61.98	-25.00	-36.98	-64.51	5.48	8.01	Vertical	Pass
7491.0	-60.10	-25.00	-35.10	-64.89	6.01	10.80	Vertical	Pass
9988.0	-56.33	-25.00	-31.33	-61.89	6.41	11.97	Vertical	Pass

CA_41C-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
5148.2	-62.91	-25.00	-37.91	-65.76	5.65	8.50	Horizontal	Pass
7722.3	-59.18	-25.00	-34.18	-64.47	6.00	11.29	Horizontal	Pass
10296.4	-55.84	-25.00	-30.84	-61.56	6.49	12.21	Horizontal	Pass
5148.2	-62.59	-25.00	-37.59	-65.44	5.65	8.50	Vertical	Pass
7722.3	-58.94	-25.00	-33.94	-64.23	6.00	11.29	Vertical	Pass
10296.4	-56.15	-25.00	-31.15	-61.87	6.49	12.21	Vertical	Pass

CA_41C-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
5302.4	-63.41	-25.00	-38.41	-66.09	5.82	8.50	Horizontal	Pass
7953.6	-58.98	-25.00	-33.98	-64.12	5.99	11.13	Horizontal	Pass
10604.8	-55.58	-25.00	-30.58	-61.13	6.56	12.11	Horizontal	Pass
5302.4	-63.42	-25.00	-38.42	-66.10	5.82	8.50	Vertical	Pass
7953.6	-59.12	-25.00	-34.12	-64.26	5.99	11.13	Vertical	Pass
10604.8	-55.78	-25.00	-30.78	-61.33	6.56	12.11	Vertical	Pass

---End---