

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	-47.61	-13	-34.61	-49.81	3.31	5.51	Horizontal	Pass
2472.6	-35.64	-13	-22.64	-37.96	3.43	5.75	Horizontal	Pass
3296.8	-59.48	-13	-46.48	-63.23	3.91	7.66	Horizontal	Pass
1648.4	-53.07	-13	-40.07	-55.27	3.31	5.51	Vertical	Pass
2472.6	-35.25	-13	-22.25	-37.57	3.43	5.75	Vertical	Pass
3296.8	-56.87	-13	-43.87	-60.62	3.91	7.66	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	-45.15	-13	-32.15	-47.28	3.31	5.44	Horizontal	Pass
2509.8	-32.31	-13	-19.31	-34.71	3.44	5.84	Horizontal	Pass
3346.4	-56.28	-13	-43.28	-60.08	3.99	7.79	Horizontal	Pass
1673.2	-48.69	-13	-35.69	-50.82	3.31	5.44	Vertical	Pass
2509.8	-26.85	-13	-13.85	-29.25	3.44	5.84	Vertical	Pass
3346.4	-52.22	-13	-39.22	-56.02	3.99	7.79	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	-46.66	-13	-33.66	-48.73	3.31	5.38	Horizontal	Pass
2546.4	-31.79	-13	-18.79	-34.27	3.44	5.92	Horizontal	Pass
3395.2	-52.07	-13	-39.07	-55.92	4.06	7.91	Horizontal	Pass
1697.6	-46.82	-13	-33.82	-48.89	3.31	5.38	Vertical	Pass
2546.4	-29.43	-13	-16.43	-31.91	3.44	5.92	Vertical	Pass
3395.2	-50.12	-13	-37.12	-53.97	4.06	7.91	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	-50.75	-13	-37.75	-55.01	4.18	8.44	Horizontal	Pass
5550.6	-51.33	-13	-38.33	-56.4	5.38	10.45	Horizontal	Pass
7400.8	-46.94	-13	-33.94	-52.94	5.62	11.62	Horizontal	Pass
3700.4	-50.77	-13	-37.77	-55.03	4.18	8.44	Vertical	Pass
5550.6	-52.69	-13	-39.69	-57.76	5.38	10.45	Vertical	Pass
7400.8	-57.8	-13	-44.8	-63.8	5.62	11.62	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	-52.83	-13	-39.83	-57.18	4.17	8.52	Horizontal	Pass
5640.0	-49.6	-13	-36.6	-54.7	5.35	10.45	Horizontal	Pass
7520.0	-41.44	-13	-28.44	-47.57	5.63	11.76	Horizontal	Pass
3760.0	-53.82	-13	-40.82	-58.17	4.17	8.52	Vertical	Pass
5640.0	-48.05	-13	-35.05	-53.15	5.35	10.45	Vertical	Pass
7520.0	-51.27	-13	-38.27	-57.4	5.63	11.76	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	-53.61	-13	-40.61	-58.05	4.16	8.6	Horizontal	Pass
5729.4	-45.57	-13	-32.57	-50.71	5.31	10.45	Horizontal	Pass
7639.2	-42.15	-13	-29.15	-48.42	5.63	11.9	Horizontal	Pass
3819.6	-55.2	-13	-42.2	-59.64	4.16	8.6	Vertical	Pass
5729.4	-47.33	-13	-34.33	-52.47	5.31	10.45	Vertical	Pass
7639.2	-56.53	-13	-43.53	-62.8	5.63	11.9	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	-59.52	-13	-46.52	-63.78	4.18	8.44	Horizontal	Pass
5557.2	-62.21	-13	-49.21	-67.28	5.38	10.45	Horizontal	Pass
7409.6	-61.55	-13	-48.55	-67.56	5.62	11.63	Horizontal	Pass
3704.8	-60.42	-13	-47.42	-64.68	4.18	8.44	Vertical	Pass
5557.2	-61.97	-13	-48.97	-67.04	5.38	10.45	Vertical	Pass
7409.6	-61.67	-13	-48.67	-67.68	5.62	11.63	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	-65.79	-13	-52.79	-70.14	4.17	8.52	Horizontal	Pass
5640.0	-61.94	-13	-48.94	-67.04	5.35	10.45	Horizontal	Pass
7520.0	-60.27	-13	-47.27	-66.4	5.63	11.76	Horizontal	Pass
3760.0	-65.72	-13	-52.72	-70.07	4.17	8.52	Vertical	Pass
5640.0	-62.33	-13	-49.33	-67.43	5.35	10.45	Vertical	Pass
7520.0	-60.76	-13	-47.76	-66.89	5.63	11.76	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	-65.95	-13	-52.95	-70.38	4.16	8.59	Horizontal	Pass
5722.8	-62.37	-13	-49.37	-67.5	5.32	10.45	Horizontal	Pass
7630.4	-60.43	-13	-47.43	-66.69	5.63	11.89	Horizontal	Pass
3815.2	-66.07	-13	-53.07	-70.5	4.16	8.59	Vertical	Pass
5722.8	-62.21	-13	-49.21	-67.34	5.32	10.45	Vertical	Pass
7630.4	-60.55	-13	-47.55	-66.81	5.63	11.89	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	-62.29	-13	-49.29	-66.16	4.11	7.98	Horizontal	Pass
5137.2	-61.98	-13	-48.98	-66.98	5.23	10.23	Horizontal	Pass
6849.6	-60.74	-13	-47.74	-66.14	5.54	10.94	Horizontal	Pass
3424.8	-58.7	-13	-45.7	-62.57	4.11	7.98	Vertical	Pass
5137.2	-62.13	-13	-49.13	-67.13	5.23	10.23	Vertical	Pass
6849.6	-61.7	-13	-48.7	-67.1	5.54	10.94	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	-64.97	-13	-51.97	-68.88	4.17	8.08	Horizontal	Pass
5197.8	-62.75	-13	-49.75	-67.75	5.26	10.26	Horizontal	Pass
6930.4	-61.05	-13	-48.05	-66.53	5.56	11.04	Horizontal	Pass
3465.2	-62.63	-13	-49.63	-66.54	4.17	8.08	Vertical	Pass
5197.8	-61.8	-13	-48.8	-66.8	5.26	10.26	Vertical	Pass
6930.4	-61.27	-13	-48.27	-66.75	5.56	11.04	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	-66.5	-13	-53.5	-70.46	4.22	8.18	Horizontal	Pass
5257.8	-62.6	-13	-49.6	-67.61	5.29	10.3	Horizontal	Pass
7010.4	-61.71	-13	-48.71	-67.28	5.57	11.14	Horizontal	Pass
3505.2	-66.49	-13	-53.49	-70.45	4.22	8.18	Vertical	Pass
5257.8	-62.83	-13	-49.83	-67.84	5.29	10.3	Vertical	Pass
7010.4	-61.79	-13	-48.79	-67.36	5.57	11.14	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	-62.31	-13	-49.31	-64.49	3.31	5.49	Horizontal	Pass
2479.2	-56.33	-13	-43.33	-58.66	3.44	5.77	Horizontal	Pass
3305.6	-67.26	-13	-54.26	-71.02	3.92	7.68	Horizontal	Pass
1652.8	-67.29	-13	-54.29	-69.47	3.31	5.49	Vertical	Pass
2479.2	-54.09	-13	-41.09	-56.42	3.44	5.77	Vertical	Pass
3305.6	-67.1	-13	-54.1	-70.86	3.92	7.68	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	-63.31	-13	-50.31	-65.44	3.31	5.44	Horizontal	Pass
2509.2	-55.67	-13	-42.67	-58.07	3.44	5.84	Horizontal	Pass
3345.6	-66.89	-13	-53.89	-70.68	3.99	7.78	Horizontal	Pass
1672.8	-69.53	-13	-56.53	-71.66	3.31	5.44	Vertical	Pass
2509.2	-53.75	-13	-40.75	-56.15	3.44	5.84	Vertical	Pass
3345.6	-66.71	-13	-53.71	-70.5	3.99	7.78	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	-66.67	-13	-53.67	-68.75	3.31	5.39	Horizontal	Pass
2539.8	-56.41	-13	-43.41	-58.88	3.44	5.91	Horizontal	Pass
3386.4	-66.92	-13	-53.92	-70.76	4.05	7.89	Horizontal	Pass
1693.2	-70.33	-13	-57.33	-72.41	3.31	5.39	Vertical	Pass
2539.8	-53.05	-13	-40.05	-55.52	3.44	5.91	Vertical	Pass
3386.4	-66.91	-13	-53.91	-70.75	4.05	7.89	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
3702.0	-51.58	-13	-38.58	-55.84	4.18	8.44	Horizontal	Pass
5553.0	-59.43	-13	-46.43	-64.5	5.38	10.45	Horizontal	Pass
7404.0	-61.04	-13	-48.04	-67.04	5.62	11.62	Horizontal	Pass
3702.0	-54.46	-13	-41.46	-58.72	4.18	8.44	Vertical	Pass
5553.0	-61.11	-13	-48.11	-66.18	5.38	10.45	Vertical	Pass
7404.0	-61.29	-13	-48.29	-67.29	5.62	11.62	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
3742.0	-65.09	-13	-52.09	-69.41	4.17	8.49	Horizontal	Pass
5613.0	-60.3	-13	-47.3	-65.39	5.36	10.45	Horizontal	Pass
7484.0	-60.37	-13	-47.37	-66.46	5.63	11.72	Horizontal	Pass
3742.0	-60.02	-13	-47.02	-64.34	4.17	8.49	Vertical	Pass
5613.0	-58.99	-13	-45.99	-64.08	5.36	10.45	Vertical	Pass
7484.0	-60.61	-13	-47.61	-66.7	5.63	11.72	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
3782.0	-54.9	-13	-41.9	-59.29	4.16	8.55	Horizontal	Pass
5673.0	-61.19	-13	-48.19	-66.31	5.33	10.45	Horizontal	Pass
7564.0	-54.39	-13	-41.39	-60.58	5.63	11.82	Horizontal	Pass
3782.0	-56.19	-13	-43.19	-60.58	4.16	8.55	Vertical	Pass
5673.0	-59.21	-13	-46.21	-64.33	5.33	10.45	Vertical	Pass
7564.0	-58.16	-13	-45.16	-64.35	5.63	11.82	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
3422.0	-55.04	-13	-42.04	-58.92	4.1	7.98	Horizontal	Pass
5133.0	-56.43	-13	-43.43	-61.42	5.23	10.22	Horizontal	Pass
6844.0	-61.18	-13	-48.18	-66.57	5.54	10.93	Horizontal	Pass
3422.0	-52.67	-13	-39.67	-56.55	4.1	7.98	Vertical	Pass
5133.0	-58.34	-13	-45.34	-63.33	5.23	10.22	Vertical	Pass
6844.0	-61.15	-13	-48.15	-66.54	5.54	10.93	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
3445.535	-51.95	-13	-38.95	-55.84	4.14	8.03	Horizontal	Pass
5170.5	-57.56	-13	-44.56	-62.56	5.25	10.25	Horizontal	Pass
6894.0	-61.28	-13	-48.28	-66.72	5.55	10.99	Horizontal	Pass
3445.535	-48.46	-13	-35.46	-52.35	4.14	8.03	Vertical	Pass
5170.5	-57.08	-13	-44.08	-62.08	5.25	10.25	Vertical	Pass
6894.0	-61.19	-13	-48.19	-66.63	5.55	10.99	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
3472.0	-51.64	-13	-38.64	-55.56	4.18	8.1	Horizontal	Pass
5208.0	-57.41	-13	-44.41	-62.41	5.27	10.27	Horizontal	Pass
6944.0	-61.25	-13	-48.25	-66.75	5.56	11.06	Horizontal	Pass
3472.0	-53.53	-13	-40.53	-57.45	4.18	8.1	Vertical	Pass
5208.0	-58.76	-13	-45.76	-63.76	5.27	10.27	Vertical	Pass
6944.0	-61.15	-13	-48.15	-66.65	5.56	11.06	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
5002.0	-56.85	-25	-31.85	-61.82	5.17	10.14	Horizontal	Pass
7503.0	-57.79	-25	-32.79	-63.9	5.63	11.74	Horizontal	Pass
10004.0	-55.13	-25	-30.13	-62.36	5.8	13.03	Horizontal	Pass
5002.0	-58.49	-25	-33.49	-63.46	5.17	10.14	Vertical	Pass
7503.0	-58.18	-25	-33.18	-64.29	5.63	11.74	Vertical	Pass
10004.0	-58.21	-25	-33.21	-65.44	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	-56.38	-25	-31.38	-61.36	5.19	10.17	Horizontal	Pass
7578.0	-55.98	-25	-30.98	-62.18	5.63	11.83	Horizontal	Pass
10104.0	-56.03	-25	-31.03	-63.18	5.9	13.05	Horizontal	Pass
5052.0	-56.04	-25	-31.04	-61.02	5.19	10.17	Vertical	Pass
7578.0	-54.87	-25	-29.87	-61.07	5.63	11.83	Vertical	Pass
10104.0	-57.35	-25	-32.35	-64.5	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	-52.31	-25	-27.31	-57.29	5.22	10.2	Horizontal	Pass
7653.0	-54.66	-25	-29.66	-60.95	5.63	11.92	Horizontal	Pass
10204.0	-53.63	-25	-28.63	-60.7	6.0	13.07	Horizontal	Pass
5102.0	-56.12	-25	-31.12	-61.1	5.22	10.2	Vertical	Pass
7653.0	-54.58	-25	-29.58	-60.87	5.63	11.92	Vertical	Pass
10204.0	-56.92	-25	-31.92	-63.99	6.0	13.07	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
5142.0	-52.86	-25	-27.86	-57.85	5.24	10.23	Horizontal	Pass
7713.0	-50.73	-25	-25.73	-57.09	5.63	11.99	Horizontal	Pass
10284.0	-53.3	-25	-28.3	-60.3	6.08	13.08	Horizontal	Pass
5142.0	-51.53	-25	-26.53	-56.52	5.24	10.23	Vertical	Pass
7713.0	-52.19	-25	-27.19	-58.55	5.63	11.99	Vertical	Pass
10284.0	-57.22	-25	-32.22	-64.22	6.08	13.08	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
5172.0	-49.11	-25	-24.11	-54.11	5.25	10.25	Horizontal	Pass
7758.0	-47.36	-25	-22.36	-53.77	5.63	12.04	Horizontal	Pass
10344.0	-53.12	-25	-28.12	-60.07	6.14	13.09	Horizontal	Pass
5172.0	-51.21	-25	-26.21	-56.21	5.25	10.25	Vertical	Pass
7758.0	-54.35	-25	-29.35	-60.76	5.63	12.04	Vertical	Pass
10344.0	-56.61	-25	-31.61	-63.56	6.14	13.09	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
5202.0	-48.53	-25	-23.53	-53.54	5.26	10.27	Horizontal	Pass
7803.0	-46.43	-25	-21.43	-52.9	5.63	12.1	Horizontal	Pass
10404.0	-50.71	-25	-25.71	-57.61	6.2	13.1	Horizontal	Pass
5202.0	-48.73	-25	-23.73	-53.74	5.26	10.27	Vertical	Pass
7803.0	-56.52	-25	-31.52	-62.99	5.63	12.1	Vertical	Pass
10404.0	-57.66	-25	-32.66	-64.56	6.2	13.1	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
5082.0	-58.68	-25	-33.68	-63.66	5.21	10.19	Horizontal	Pass
7623.0	-50.42	-25	-25.42	-56.68	5.63	11.89	Horizontal	Pass
10164.0	-53.85	-25	-28.85	-60.95	5.96	13.06	Horizontal	Pass
5082.0	-58.62	-25	-33.62	-63.6	5.21	10.19	Vertical	Pass
7623.0	-57.81	-25	-32.81	-64.07	5.63	11.89	Vertical	Pass
10164.0	-57.3	-25	-32.3	-64.4	5.96	13.06	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
5168.0	-49.44	-25	-24.44	-54.43	5.25	10.24	Horizontal	Pass
7752.0	-47.22	-25	-22.22	-53.63	5.63	12.04	Horizontal	Pass
10336.0	-53.75	-25	-28.75	-60.7	6.14	13.09	Horizontal	Pass
5168.0	-51.6	-25	-26.6	-56.59	5.25	10.24	Vertical	Pass
7752.0	-49.13	-25	-24.13	-55.54	5.63	12.04	Vertical	Pass
10336.0	-57.2	-25	-32.2	-64.15	6.14	13.09	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
5262.0	-46.93	-25	-21.93	-51.94	5.29	10.3	Horizontal	Pass
7893.0	-47.43	-25	-22.43	-54.0	5.63	12.2	Horizontal	Pass
10524.0	-51.58	-25	-26.58	-58.41	6.3	13.13	Horizontal	Pass
5262.0	-48.77	-25	-23.77	-53.78	5.29	10.3	Vertical	Pass
7893.0	-48.85	-25	-23.85	-55.42	5.63	12.2	Vertical	Pass
10524.0	-52.27	-25	-27.27	-59.1	6.3	13.13	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
3422.0	-54.93	-13	-41.93	-58.81	4.1	7.98	Horizontal	Pass
5133.0	-59.19	-13	-46.19	-64.18	5.23	10.22	Horizontal	Pass
6844.0	-60.9	-13	-47.9	-66.29	5.54	10.93	Horizontal	Pass
3422.0	-55.72	-13	-42.72	-59.6	4.1	7.98	Vertical	Pass
5133.0	-55.06	-13	-42.06	-60.05	5.23	10.22	Vertical	Pass
6844.0	-61.26	-13	-48.26	-66.65	5.54	10.93	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
3472.0	-50.83	-13	-37.83	-54.75	4.18	8.1	Horizontal	Pass
5208.0	-60.71	-13	-47.71	-65.71	5.27	10.27	Horizontal	Pass
6944.0	-61.41	-13	-48.41	-66.91	5.56	11.06	Horizontal	Pass
3472.0	-53.19	-13	-40.19	-57.11	4.18	8.1	Vertical	Pass
5208.0	-59.45	-13	-46.45	-64.45	5.27	10.27	Vertical	Pass
6944.0	-61.76	-13	-48.76	-67.26	5.56	11.06	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
3522.0	-58.95	-13	-45.95	-62.93	4.22	8.2	Horizontal	Pass
5283.0	-57.8	-13	-44.8	-62.82	5.3	10.32	Horizontal	Pass
7044.0	-60.99	-13	-47.99	-66.59	5.58	11.18	Horizontal	Pass
3522.0	-56.4	-13	-43.4	-60.38	4.22	8.2	Vertical	Pass
5283.0	-60.33	-13	-47.33	-65.35	5.3	10.32	Vertical	Pass
7044.0	-61.51	-13	-48.51	-67.11	5.58	11.18	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
1649.0	-56.18	-13	-43.18	-58.37	3.31	5.5	Horizontal	Pass
2473.5	-46.01	-13	-33.01	-48.34	3.43	5.76	Horizontal	Pass
3298.0	-67.5	-13	-54.5	-71.25	3.91	7.66	Horizontal	Pass
1649.0	-62.16	-13	-49.16	-64.35	3.31	5.5	Vertical	Pass
2473.5	-42.41	-13	-29.41	-44.74	3.43	5.76	Vertical	Pass
3298.0	-67.07	-13	-54.07	-70.82	3.91	7.66	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
1664.0	-59.36	-13	-46.36	-61.52	3.31	5.47	Horizontal	Pass
2496.0	-44.49	-13	-31.49	-46.86	3.44	5.81	Horizontal	Pass
3328.0	-67.08	-13	-54.08	-70.86	3.96	7.74	Horizontal	Pass
1664.0	-67.27	-13	-54.27	-69.43	3.31	5.47	Vertical	Pass
2496.0	-39.37	-13	-26.37	-41.74	3.44	5.81	Vertical	Pass
3328.0	-67.14	-13	-54.14	-70.92	3.96	7.74	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
1679.0	-62.18	-13	-49.18	-64.3	3.31	5.43	Horizontal	Pass
2518.5	-39.13	-13	-26.13	-41.55	3.44	5.86	Horizontal	Pass
3358.0	-66.71	-13	-53.71	-70.53	4.0	7.82	Horizontal	Pass
1679.0	-67.34	-13	-54.34	-69.46	3.31	5.43	Vertical	Pass
2518.5	-38.42	-13	-25.42	-40.84	3.44	5.86	Vertical	Pass
3358.0	-66.86	-13	-53.86	-70.68	4.0	7.82	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
1399.0	-58.15	-13	-45.15	-60.2	3.19	5.24	Horizontal	Pass
2098.5	-60.0	-13	-47.0	-61.51	3.35	4.86	Horizontal	Pass
2798.0	-58.89	-13	-45.89	-61.92	3.45	6.48	Horizontal	Pass
1399.0	-61.73	-13	-48.73	-63.78	3.19	5.24	Vertical	Pass
2098.5	-64.15	-13	-51.15	-65.66	3.35	4.86	Vertical	Pass
2798.0	-63.65	-13	-50.65	-66.68	3.45	6.48	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
1406.0	-55.68	-13	-42.68	-57.76	3.2	5.28	Horizontal	Pass
2109.0	-60.51	-13	-47.51	-62.04	3.35	4.88	Horizontal	Pass
2812.0	-57.28	-13	-44.28	-60.34	3.45	6.51	Horizontal	Pass
1406.0	-60.79	-13	-47.79	-62.87	3.2	5.28	Vertical	Pass
2109.0	-64.7	-13	-51.7	-66.23	3.35	4.88	Vertical	Pass
2812.0	-61.94	-13	-48.94	-65.0	3.45	6.51	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
1413.0	-59.04	-13	-46.04	-61.16	3.21	5.33	Horizontal	Pass
2119.5	-65.5	-13	-52.5	-67.05	3.36	4.91	Horizontal	Pass
2826.0	-57.9	-13	-44.9	-60.99	3.45	6.54	Horizontal	Pass
1413.0	-64.32	-13	-51.32	-66.44	3.21	5.33	Vertical	Pass
2119.5	-68.03	-13	-55.03	-69.58	3.36	4.91	Vertical	Pass
2826.0	-62.23	-13	-49.23	-65.32	3.45	6.54	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
1555.0	-59.96	-13	-46.96	-62.4	3.3	5.74	Horizontal	Pass
2332.5	-47.8	-13	-34.8	-49.82	3.4	5.42	Horizontal	Pass
3110.0	-66.77	-13	-53.77	-70.34	3.63	7.2	Horizontal	Pass
1555.0	-60.78	-13	-47.78	-63.22	3.3	5.74	Vertical	Pass
2332.5	-49.69	-13	-36.69	-51.71	3.4	5.42	Vertical	Pass
3110.0	-67.34	-13	-54.34	-70.91	3.63	7.2	Vertical	Pass

LTE Band 13-Low channel, Modulation: QPSK, Bandwidth:5MHz, 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
1554.5	-58.7	-13	-45.7	-61.14	3.3	5.74	Horizontal	Pass
2331.75	-47.45	-13	-34.45	-49.47	3.4	5.42	Horizontal	Pass
3109.0	-67.29	-13	-54.29	-70.85	3.63	7.19	Horizontal	Pass
1554.5	-60.98	-13	-47.98	-63.42	3.3	5.74	Vertical	Pass
2331.75	-50.13	-13	-37.13	-52.15	3.4	5.42	Vertical	Pass
3109.0	-67.51	-13	-54.51	-71.07	3.63	7.19	Vertical	Pass

LTE Band 13-Middle channel, Modulation: QPSK, Bandwidth:5MHz, 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
1559.5	-57.44	-40	-17.44	-59.87	3.3	5.73	Horizontal	Pass
2339.25	-47.99	-13	-34.99	-50.02	3.4	5.43	Horizontal	Pass
3119.0	-65.73	-13	-52.73	-69.31	3.64	7.22	Horizontal	Pass
1559.5	-59.14	-40	-19.14	-61.57	3.3	5.73	Vertical	Pass
2339.25	-47.76	-13	-34.76	-49.79	3.4	5.43	Vertical	Pass
3119.0	-67.44	-13	-54.44	-71.02	3.64	7.22	Vertical	Pass

LTE Band 13-High channel, Modulation: QPSK, Bandwidth:5MHz, 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
1564.5	-54.89	-40	-14.89	-57.31	3.3	5.72	Horizontal	Pass
2346.75	-47.92	-13	-34.92	-49.96	3.41	5.45	Horizontal	Pass
3129.0	-67.24	-13	-54.24	-70.82	3.66	7.24	Horizontal	Pass
1564.5	-60.02	-40	-20.02	-62.44	3.3	5.72	Vertical	Pass
2346.75	-48.9	-13	-35.9	-50.94	3.41	5.45	Vertical	Pass
3129.0	-67.55	-13	-54.55	-71.13	3.66	7.24	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
1409.0	-57.28	-13	-44.28	-59.37	3.21	5.3	Horizontal	Pass
2113.5	-63.81	-13	-50.81	-65.35	3.35	4.89	Horizontal	Pass
2818.0	-55.87	-13	-42.87	-58.94	3.45	6.52	Horizontal	Pass
1409.0	-61.18	-13	-48.18	-63.27	3.21	5.3	Vertical	Pass
2113.5	-64.66	-13	-51.66	-66.2	3.35	4.89	Vertical	Pass
2818.0	-60.74	-13	-47.74	-63.81	3.45	6.52	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
1411.0	-59.16	-13	-46.16	-61.27	3.21	5.32	Horizontal	Pass
2116.5	-62.68	-13	-49.68	-64.22	3.36	4.9	Horizontal	Pass
2822.0	-56.25	-13	-43.25	-59.33	3.45	6.53	Horizontal	Pass
1411.0	-62.84	-13	-49.84	-64.95	3.21	5.32	Vertical	Pass
2116.5	-65.76	-13	-52.76	-67.3	3.36	4.9	Vertical	Pass
2822.0	-62.24	-13	-49.24	-65.32	3.45	6.53	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
1413.0	-59.94	-13	-46.94	-62.06	3.21	5.33	Horizontal	Pass
2119.5	-63.95	-13	-50.95	-65.5	3.36	4.91	Horizontal	Pass
2826.0	-57.51	-13	-44.51	-60.6	3.45	6.54	Horizontal	Pass
1413.0	-63.0	-13	-50.0	-65.12	3.21	5.33	Vertical	Pass
2119.5	-65.63	-13	-52.63	-67.18	3.36	4.91	Vertical	Pass
2826.0	-62.48	-13	-49.48	-65.57	3.45	6.54	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
1629.0	-54.01	-13	-41.01	-56.25	3.31	5.55	Horizontal	Pass
2443.5	-42.03	-13	-29.03	-44.28	3.43	5.68	Horizontal	Pass
3258.0	-67.18	-13	-54.18	-70.89	3.85	7.56	Horizontal	Pass
1629.0	-61.2	-13	-48.2	-63.44	3.31	5.55	Vertical	Pass
2443.5	-39.83	-13	-26.83	-42.08	3.43	5.68	Vertical	Pass
3258.0	-67.25	-13	-54.25	-70.96	3.85	7.56	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
1649.5	-54.71	-13	-41.71	-56.9	3.31	5.5	Horizontal	Pass
2474.25	-43.99	-13	-30.99	-46.32	3.43	5.76	Horizontal	Pass
3299.0	-66.69	-13	-53.69	-70.45	3.91	7.67	Horizontal	Pass
1649.5	-62.28	-13	-49.28	-64.47	3.31	5.5	Vertical	Pass
2474.25	-46.56	-13	-33.56	-48.89	3.43	5.76	Vertical	Pass
3299.0	-67.07	-13	-54.07	-70.83	3.91	7.67	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
1659.5	-58.46	-13	-45.46	-60.63	3.31	5.48	Horizontal	Pass
2489.25	-45.52	-13	-32.52	-47.87	3.44	5.79	Horizontal	Pass
3319.0	-67.2	-13	-54.2	-70.98	3.94	7.72	Horizontal	Pass
1659.5	-62.59	-13	-49.59	-64.76	3.31	5.48	Vertical	Pass
2489.25	-41.88	-13	-28.88	-44.23	3.44	5.79	Vertical	Pass
3319.0	-67.21	-13	-54.21	-70.99	3.94	7.72	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
1669.5	-71.78	-13	-58.78	-73.92	3.31	5.45	Horizontal	Pass
2506.624	-47.88	-13	-34.88	-50.27	3.44	5.83	Horizontal	Pass
3339.0	-66.93	-13	-53.93	-70.72	3.98	7.77	Horizontal	Pass
1669.5	-72.23	-13	-59.23	-74.37	3.31	5.45	Vertical	Pass
2506.624	-46.03	-13	-33.03	-48.42	3.44	5.83	Vertical	Pass
3339.0	-66.8	-13	-53.8	-70.59	3.98	7.77	Vertical	Pass