

LTE FDD Band 2-QPSK-1.4MHz-Low channel								
Frequency (MHz)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization (H/V)	Result
3700.14	-24.66	0.71	7.6	-17.77	-13	-4.77	Horizontal	Pass
5550.21	-37	0.85	10.3	-27.55	-13	-14.55	Horizontal	Pass
7400.28	-48.92	1	12.9	-37.02	-13	-24.02	Horizontal	Pass
3700.14	-28.19	0.71	7.6	-21.3	-13	-8.3	Vertical	Pass
5550.21	-37.32	0.85	10.3	-27.87	-13	-14.87	Vertical	Pass
7400.28	-52.81	1	12.9	-40.91	-13	-27.91	Vertical	Pass

LTE FDD Band 2- QPSK-1.4MHz-Middle channel								
Frequency (MHz)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization (H/V)	Result
3758.74	-23.01	0.71	7.6	-16.12	-13	-3.12	Horizontal	Pass
5638.11	-33.88	0.85	10.3	-24.43	-13	-11.43	Horizontal	Pass
7517.48	-52.53	0.99	13.2	-40.32	-13	-27.32	Horizontal	Pass
3758.74	-27.96	0.71	7.6	-21.07	-13	-8.07	Vertical	Pass
5638.11	-34.05	0.85	10.3	-24.6	-13	-11.6	Vertical	Pass
7517.48	-51.29	0.99	13.2	-39.08	-13	-26.08	Vertical	Pass

LTE FDD Band 2- QPSK-1.4MHz-High channel								
Frequency (MHz)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization (H/V)	Result
3817.34	-34.21	0.71	7.6	-27.32	-13	-14.32	Horizontal	Pass
5726.01	-45.91	0.85	10.3	-36.46	-13	-23.46	Horizontal	Pass
7634.68	-57.79	0.99	13.2	-45.58	-13	-32.58	Horizontal	Pass
3817.34	-37.73	0.71	7.6	-30.84	-13	-17.84	Vertical	Pass
5726.01	-42.78	0.85	10.3	-33.33	-13	-20.33	Vertical	Pass
7634.68	-55.13	0.99	13.2	-42.92	-13	-29.92	Vertical	Pass

LTE FDD Band 2-16QAM-1.4MHz-Low channel								
Frequency (MHz)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization (H/V)	Result
3700.14	-27.71	0.71	7.6	-20.82	-13	-7.82	Horizontal	Pass
5550.21	-38.87	0.85	10.3	-29.42	-13	-16.42	Horizontal	Pass
7400.28	-52.19	1	12.9	-40.29	-13	-27.29	Horizontal	Pass
3700.14	-29.05	0.71	7.6	-22.16	-13	-9.16	Vertical	Pass
5550.21	-39.18	0.85	10.3	-29.73	-13	-16.73	Vertical	Pass
7400.28	-50.25	1	12.9	-38.35	-13	-25.35	Vertical	Pass

LTE FDD Band 2-16QAM-1.4MHz-Middle channel								
Frequency (MHz)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization (H/V)	Result
3758.74	-31.64	0.71	7.6	-24.75	-13	-11.75	Horizontal	Pass
5638.11	-40.23	0.85	10.3	-30.78	-13	-17.78	Horizontal	Pass
7517.48	-54.43	0.99	13.2	-42.22	-13	-29.22	Horizontal	Pass
3758.74	-32.01	0.71	7.6	-25.12	-13	-12.12	Vertical	Pass
5638.11	-38.05	0.85	10.3	-28.6	-13	-15.6	Vertical	Pass
7517.48	-54.51	0.99	13.2	-42.3	-13	-29.3	Vertical	Pass

LTE FDD Band 2-16QAM-1.4MHz-High channel								
Frequency (MHz)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization (H/V)	Result
3817.34	-36.32	0.71	7.6	-29.43	-13	-16.43	Horizontal	Pass
5726.01	-42.26	0.85	10.3	-32.81	-13	-19.81	Horizontal	Pass
7634.68	-53.62	0.99	13.2	-41.41	-13	-28.41	Horizontal	Pass
3817.34	-33.62	0.71	7.6	-26.73	-13	-13.73	Vertical	Pass
5726.01	-43.72	0.85	10.3	-34.27	-13	-21.27	Vertical	Pass
7634.68	-56.41	0.99	13.2	-44.2	-13	-31.2	Vertical	Pass

LTE FDD Band 2-QPSK-3.0MHz-Low channel								
Frequency (MHz)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization (H/V)	Result
3700.3	-30.18	0.71	7.6	-23.29	-13	-10.29	Horizontal	Pass
5550.45	-37.48	0.85	10.3	-28.03	-13	-15.03	Horizontal	Pass
7400.6	-51.76	1	12.9	-39.86	-13	-26.86	Horizontal	Pass
3700.3	-25.15	0.71	7.6	-18.26	-13	-5.26	Vertical	Pass
5550.45	-40.32	0.85	10.3	-30.87	-13	-17.87	Vertical	Pass
7400.6	-52.38	1	12.9	-40.48	-13	-27.48	Vertical	Pass

LTE FDD Band 2- QPSK-3.0MHz-Middle channel								
Frequency (MHz)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization (H/V)	Result
3757.3	-26.79	0.71	7.6	-19.9	-13	-6.9	Horizontal	Pass
5635.95	-36.46	0.85	10.3	-27.01	-13	-14.01	Horizontal	Pass
7514.6	-52.14	0.99	13.2	-39.93	-13	-26.93	Horizontal	Pass
3757.3	-29.41	0.71	7.6	-22.52	-13	-9.52	Vertical	Pass
5635.95	-37.13	0.85	10.3	-27.68	-13	-14.68	Vertical	Pass
7514.6	-49.94	0.99	13.2	-37.73	-13	-24.73	Vertical	Pass

LTE FDD Band 2- QPSK-3.0MHz-High channel								
Frequency (MHz)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization (H/V)	Result
3814.3	-34.14	0.71	7.6	-27.25	-13	-14.25	Horizontal	Pass
5721.45	-47.62	0.85	10.3	-38.17	-13	-25.17	Horizontal	Pass
7628.6	-55.06	0.99	13.2	-42.85	-13	-29.85	Horizontal	Pass
3814.3	-38.3	0.71	7.6	-31.41	-13	-18.41	Vertical	Pass
5721.45	-45.5	0.85	10.3	-36.05	-13	-23.05	Vertical	Pass
7628.6	-53.3	0.99	13.2	-41.09	-13	-28.09	Vertical	Pass

LTE FDD Band 2-16QAM-3.0MHz-Low channel								
Frequency (MHz)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization (H/V)	Result
3700.3	-25.86	0.71	7.6	-18.97	-13	-5.97	Horizontal	Pass
5550.45	-35.82	0.85	10.3	-26.37	-13	-13.37	Horizontal	Pass
7400.6	-51.24	1	12.9	-39.34	-13	-26.34	Horizontal	Pass
3700.3	-29.94	0.71	7.6	-23.05	-13	-10.05	Vertical	Pass
5550.45	-35.39	0.85	10.3	-25.94	-13	-12.94	Vertical	Pass
7400.6	-51.08	1	12.9	-39.18	-13	-26.18	Vertical	Pass

LTE FDD Band 2-16QAM-3.0MHz-Middle channel								
Frequency (MHz)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization (H/V)	Result
3757.3	-25.85	0.71	7.6	-18.96	-13	-5.96	Horizontal	Pass
5635.95	-34.45	0.85	10.3	-25	-13	-12	Horizontal	Pass
7514.6	-47.08	0.99	13.2	-34.87	-13	-21.87	Horizontal	Pass
3757.3	-24.79	0.71	7.6	-17.9	-13	-4.9	Vertical	Pass
5635.95	-36.67	0.85	10.3	-27.22	-13	-14.22	Vertical	Pass
7514.6	-50.26	0.99	13.2	-38.05	-13	-25.05	Vertical	Pass

LTE FDD Band 2-16QAM-3.0MHz-High channel								
Frequency (MHz)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization (H/V)	Result
3814.3	-36.82	0.71	7.6	-29.93	-13	-16.93	Horizontal	Pass
5721.45	-45.3	0.85	10.3	-35.85	-13	-22.85	Horizontal	Pass
7628.6	-53.45	0.99	13.2	-41.24	-13	-28.24	Horizontal	Pass
3814.3	-37.78	0.71	7.6	-30.89	-13	-17.89	Vertical	Pass
5721.45	-44.8	0.85	10.3	-35.35	-13	-22.35	Vertical	Pass
7628.6	-55.4	0.99	13.2	-43.19	-13	-30.19	Vertical	Pass

LTE FDD Band 2-QPSK-5.0MHz-Low channel								
Frequency (MHz)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization (H/V)	Result
3700.5	-29.13	0.71	7.6	-22.24	-13	-9.24	Horizontal	Pass
5550.75	-38.43	0.85	10.3	-28.98	-13	-15.98	Horizontal	Pass
7401	-53.67	1	12.9	-41.77	-13	-28.77	Horizontal	Pass
3700.5	-31.32	0.71	7.6	-24.43	-13	-11.43	Vertical	Pass
5550.75	-37.36	0.85	10.3	-27.91	-13	-14.91	Vertical	Pass
7401	-51.04	1	12.9	-39.14	-13	-26.14	Vertical	Pass

LTE FDD Band 2- QPSK-5.0MHz-Middle channel								
Frequency (MHz)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization (H/V)	Result
3755.5	-31.58	0.71	7.6	-24.69	-13	-11.69	Horizontal	Pass
5633.25	-37.57	0.85	10.3	-28.12	-13	-15.12	Horizontal	Pass
7511	-52.14	0.99	13.2	-39.93	-13	-26.93	Horizontal	Pass
3755.5	-31.58	0.71	7.6	-24.69	-13	-11.69	Vertical	Pass
5633.25	-42.22	0.85	10.3	-32.77	-13	-19.77	Vertical	Pass
7511	-55.55	0.99	13.2	-43.34	-13	-30.34	Vertical	Pass

LTE FDD Band 2- QPSK-5.0MHz-High channel								
Frequency (MHz)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization (H/V)	Result
3810.5	-32.76	0.71	7.6	-25.87	-13	-12.87	Horizontal	Pass
5715.75	-39.16	0.85	10.3	-29.71	-13	-16.71	Horizontal	Pass
7621	-53.67	0.99	13.2	-41.46	-13	-28.46	Horizontal	Pass
3810.5	-33.58	0.71	7.6	-26.69	-13	-13.69	Vertical	Pass
5715.75	-39.99	0.85	10.3	-30.54	-13	-17.54	Vertical	Pass
7621	-56.16	0.99	13.2	-43.95	-13	-30.95	Vertical	Pass

LTE FDD Band 2-16QAM-5.0MHz-Low channel								
Frequency (MHz)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization (H/V)	Result
3700.5	-34.2	0.71	7.6	-27.31	-13	-14.31	Horizontal	Pass
5550.75	-42.54	0.85	10.3	-33.09	-13	-20.09	Horizontal	Pass
7401	-53.49	1	12.9	-41.59	-13	-28.59	Horizontal	Pass
3700.5	-31.78	0.71	7.6	-24.89	-13	-11.89	Vertical	Pass
5550.75	-43.41	0.85	10.3	-33.96	-13	-20.96	Vertical	Pass
7401	-56.06	1	12.9	-44.16	-13	-31.16	Vertical	Pass

LTE FDD Band 2-16QAM-5.0MHz-Middle channel								
Frequency (MHz)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization (H/V)	Result
3755.5	-35.05	0.71	7.6	-28.16	-13	-15.16	Horizontal	Pass
5633.25	-45.38	0.85	10.3	-35.93	-13	-22.93	Horizontal	Pass
7511	-55.17	0.99	13.2	-42.96	-13	-29.96	Horizontal	Pass
3755.5	-31.96	0.71	7.6	-25.07	-13	-12.07	Vertical	Pass
5633.25	-45.16	0.85	10.3	-35.71	-13	-22.71	Vertical	Pass
7511	-53.57	0.99	13.2	-41.36	-13	-28.36	Vertical	Pass

LTE FDD Band 2-16QAM-5.0MHz-High channel								
Frequency (MHz)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization (H/V)	Result
3810.5	-31.91	0.71	7.6	-25.02	-13	-12.02	Horizontal	Pass
5715.75	-38.93	0.85	10.3	-29.48	-13	-16.48	Horizontal	Pass
7621	-52.59	0.99	13.2	-40.38	-13	-27.38	Horizontal	Pass
3810.5	-31.83	0.71	7.6	-24.94	-13	-11.94	Vertical	Pass
5715.75	-39.21	0.85	10.3	-29.76	-13	-16.76	Vertical	Pass
7621	-51.1	0.99	13.2	-38.89	-13	-25.89	Vertical	Pass

LTE FDD Band 2-QPSK-10.0MHz-Low channel								
Frequency (MHz)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization (H/V)	Result
3701	-32.47	0.71	7.6	-25.58	-13	-12.58	Horizontal	Pass
5551.5	-40.84	0.85	10.3	-31.39	-13	-18.39	Horizontal	Pass
7402	-53.3	1	12.9	-41.4	-13	-28.4	Horizontal	Pass
3701	-30.6	0.71	7.6	-23.71	-13	-10.71	Vertical	Pass
5551.5	-41.43	0.85	10.3	-31.98	-13	-18.98	Vertical	Pass
7402	-54.4	1	12.9	-42.5	-13	-29.5	Vertical	Pass

LTE FDD Band 2- QPSK-10.0MHz-Middle channel								
Frequency (MHz)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization (H/V)	Result
3751	-33.82	0.71	7.6	-26.93	-13	-13.93	Horizontal	Pass
5626.5	-41.74	0.85	10.3	-32.29	-13	-19.29	Horizontal	Pass
7502	-55.07	0.99	13.2	-42.86	-13	-29.86	Horizontal	Pass
3751	-30.09	0.71	7.6	-23.2	-13	-10.2	Vertical	Pass
5626.5	-41.57	0.85	10.3	-32.12	-13	-19.12	Vertical	Pass
7502	-55.76	0.99	13.2	-43.55	-13	-30.55	Vertical	Pass

LTE FDD Band 2- QPSK-10.0MHz-High channel								
Frequency (MHz)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization (H/V)	Result
3801	-34.78	0.71	7.6	-27.89	-13	-14.89	Horizontal	Pass
5701.5	-42.54	0.85	10.3	-33.09	-13	-20.09	Horizontal	Pass
7602	-56.09	0.99	13.2	-43.88	-13	-30.88	Horizontal	Pass
3801	-31.6	0.71	7.6	-24.71	-13	-11.71	Vertical	Pass
5701.5	-41.97	0.85	10.3	-32.52	-13	-19.52	Vertical	Pass
7602	-56.78	0.99	13.2	-44.57	-13	-31.57	Vertical	Pass

LTE FDD Band 2-16QAM-10.0MHz-Low channel								
Frequency (MHz)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization (H/V)	Result
3701	-34.01	0.71	7.6	-27.12	-13	-14.12	Horizontal	Pass
5551.5	-46.42	0.85	10.3	-36.97	-13	-23.97	Horizontal	Pass
7402	-54.6	1	12.9	-42.7	-13	-29.7	Horizontal	Pass
3701	-32.62	0.71	7.6	-25.73	-13	-12.73	Vertical	Pass
5551.5	-42.61	0.85	10.3	-33.16	-13	-20.16	Vertical	Pass
7402	-54.96	1	12.9	-43.06	-13	-30.06	Vertical	Pass

LTE FDD Band 2-16QAM-10.0MHz-Middle channel								
Frequency (MHz)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization (H/V)	Result
3751	-34.03	0.71	7.6	-27.14	-13	-14.14	Horizontal	Pass
5626.5	-46.79	0.85	10.3	-37.34	-13	-24.34	Horizontal	Pass
7502	-54.75	0.99	13.2	-42.54	-13	-29.54	Horizontal	Pass
3751	-32.67	0.71	7.6	-25.78	-13	-12.78	Vertical	Pass
5626.5	-41.76	0.85	10.3	-32.31	-13	-19.31	Vertical	Pass
7502	-55.59	0.99	13.2	-43.38	-13	-30.38	Vertical	Pass

LTE FDD Band 2-16QAM-10.0MHz-High channel								
Frequency (MHz)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization (H/V)	Result
3801	-35.06	0.71	7.6	-28.17	-13	-15.17	Horizontal	Pass
5701.5	-48.22	0.85	10.3	-38.77	-13	-25.77	Horizontal	Pass
7602	-55.63	0.99	13.2	-43.42	-13	-30.42	Horizontal	Pass
3801	-33.25	0.71	7.6	-26.36	-13	-13.36	Vertical	Pass
5701.5	-43	0.85	10.3	-33.55	-13	-20.55	Vertical	Pass
7602	-55.33	0.99	13.2	-43.12	-13	-30.12	Vertical	Pass

LTE FDD Band 2-QPSK-15.0MHz-Low channel								
Frequency (MHz)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization (H/V)	Result
3701.5	-29.34	0.71	7.6	-22.45	-13	-9.45	Horizontal	Pass
5552.25	-44.84	0.85	10.3	-35.39	-13	-22.39	Horizontal	Pass
7403	-54.61	1	12.9	-42.71	-13	-29.71	Horizontal	Pass
3701.5	-35.02	0.71	7.6	-28.13	-13	-15.13	Vertical	Pass
5552.25	-40.38	0.85	10.3	-30.93	-13	-17.93	Vertical	Pass
7403	-54.47	1	12.9	-42.57	-13	-29.57	Vertical	Pass

LTE FDD Band 2- QPSK-15.0MHz-Middle channel								
Frequency (MHz)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization (H/V)	Result
3746.5	-29.92	0.71	7.6	-23.03	-13	-10.03	Horizontal	Pass
5619.75	-44.23	0.85	10.3	-34.78	-13	-21.78	Horizontal	Pass
7493	-55.3	1	12.9	-43.4	-13	-30.4	Horizontal	Pass
3746.5	-36.13	0.71	7.6	-29.24	-13	-16.24	Vertical	Pass
5619.75	-39.54	0.85	10.3	-30.09	-13	-17.09	Vertical	Pass
7493	-54.06	1	12.9	-42.16	-13	-29.16	Vertical	Pass

LTE FDD Band 2- QPSK-15.0MHz-High channel								
Frequency (MHz)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization (H/V)	Result
3791.5	-30.77	0.71	7.6	-23.88	-13	-10.88	Horizontal	Pass
5687.25	-42.81	0.85	10.3	-33.36	-13	-20.36	Horizontal	Pass
7583	-54.56	0.99	13.2	-42.35	-13	-29.35	Horizontal	Pass
3791.5	-33.84	0.71	7.6	-26.95	-13	-13.95	Vertical	Pass
5687.25	-40.76	0.85	10.3	-31.31	-13	-18.31	Vertical	Pass
7583	-55.58	0.99	13.2	-43.37	-13	-30.37	Vertical	Pass

LTE FDD Band 2-16QAM-15.0MHz-Low channel								
Frequency (MHz)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization (H/V)	Result
3701.5	-34.56	0.71	7.6	-27.67	-13	-14.67	Horizontal	Pass
5552.25	-42.23	0.85	10.3	-32.78	-13	-19.78	Horizontal	Pass
7403	-54.78	1	12.9	-42.88	-13	-29.88	Horizontal	Pass
3701.5	-32.5	0.71	7.6	-25.61	-13	-12.61	Vertical	Pass
5552.25	-44.26	0.85	10.3	-34.81	-13	-21.81	Vertical	Pass
7403	-54.51	1	12.9	-42.61	-13	-29.61	Vertical	Pass

LTE FDD Band 2-16QAM-15.0MHz-Middle channel								
Frequency (MHz)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization (H/V)	Result
3746.5	-32.66	0.71	7.6	-25.77	-13	-12.77	Horizontal	Pass
5619.75	-43.58	0.85	10.3	-34.13	-13	-21.13	Horizontal	Pass
7493	-54.04	1	12.9	-42.14	-13	-29.14	Horizontal	Pass
3746.5	-31.65	0.71	7.6	-24.76	-13	-11.76	Vertical	Pass
5619.75	-42.74	0.85	10.3	-33.29	-13	-20.29	Vertical	Pass
7493	-56.25	1	12.9	-44.35	-13	-31.35	Vertical	Pass

LTE FDD Band 2-16QAM-15.0MHz-High channel								
Frequency (MHz)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization (H/V)	Result
3791.5	-31.22	0.71	7.6	-24.33	-13	-11.33	Horizontal	Pass
5687.25	-42.72	0.85	10.3	-33.27	-13	-20.27	Horizontal	Pass
7583	-55.53	0.99	13.2	-43.32	-13	-30.32	Horizontal	Pass
3791.5	-32.12	0.71	7.6	-25.23	-13	-12.23	Vertical	Pass
5687.25	-41.53	0.85	10.3	-32.08	-13	-19.08	Vertical	Pass
7583	-55.45	0.99	13.2	-43.24	-13	-30.24	Vertical	Pass

LTE FDD Band 2-QPSK-20.0MHz-Low channel								
Frequency (MHz)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization (H/V)	Result
3702	-38.09	0.71	7.6	-31.2	-13	-18.2	Horizontal	Pass
5553	-38.86	0.85	10.3	-29.41	-13	-16.41	Horizontal	Pass
7404	-54.46	1	12.9	-42.56	-13	-29.56	Horizontal	Pass
3702	-32.86	0.71	7.6	-25.97	-13	-12.97	Vertical	Pass
5553	-45.84	0.85	10.3	-36.39	-13	-23.39	Vertical	Pass
7404	-54.39	1	12.9	-42.49	-13	-29.49	Vertical	Pass

LTE FDD Band 2- QPSK-20.0MHz-Middle channel								
Frequency (MHz)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization (H/V)	Result
3742	-39.6	0.71	7.6	-32.71	-13	-19.71	Horizontal	Pass
5613	-38.45	0.85	10.3	-29	-13	-16	Horizontal	Pass
7484	-54.8	1	12.9	-42.9	-13	-29.9	Horizontal	Pass
3742	-31.15	0.71	7.6	-24.26	-13	-11.26	Vertical	Pass
5613	-47.13	0.85	10.3	-37.68	-13	-24.68	Vertical	Pass
7484	-55.3	1	12.9	-43.4	-13	-30.4	Vertical	Pass

LTE FDD Band 2- QPSK-20.0MHz-High channel								
Frequency (MHz)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization (H/V)	Result
3782	-38.63	0.71	7.6	-31.74	-13	-18.74	Horizontal	Pass
5673	-39.59	0.85	10.3	-30.14	-13	-17.14	Horizontal	Pass
7564	-55.59	0.99	13.2	-43.38	-13	-30.38	Horizontal	Pass
3782	-32.6	0.71	7.6	-25.71	-13	-12.71	Vertical	Pass
5673	-44.7	0.85	10.3	-35.25	-13	-22.25	Vertical	Pass
7564	-54.33	0.99	13.2	-42.12	-13	-29.12	Vertical	Pass

LTE FDD Band 2-16QAM-20.0MHz-Low channel								
Frequency (MHz)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization (H/V)	Result
3702	-33.68	0.71	7.6	-26.79	-13	-13.79	Horizontal	Pass
5553	-44.87	0.85	10.3	-35.42	-13	-22.42	Horizontal	Pass
7404	-52.99	1	12.9	-41.09	-13	-28.09	Horizontal	Pass
3702	-35.84	0.71	7.6	-28.95	-13	-15.95	Vertical	Pass
5553	-44.14	0.85	10.3	-34.69	-13	-21.69	Vertical	Pass
7404	-53.81	1	12.9	-41.91	-13	-28.91	Vertical	Pass

LTE FDD Band 2-16QAM-20.0MHz-Middle channel								
Frequency (MHz)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization (H/V)	Result
3742	-31.92	0.71	7.6	-25.03	-13	-12.03	Horizontal	Pass
5613	-45.36	0.85	10.3	-35.91	-13	-22.91	Horizontal	Pass
7484	-54.62	1	12.9	-42.72	-13	-29.72	Horizontal	Pass
3742	-35.76	0.71	7.6	-28.87	-13	-15.87	Vertical	Pass
5613	-45.08	0.85	10.3	-35.63	-13	-22.63	Vertical	Pass
7484	-54.39	1	12.9	-42.49	-13	-29.49	Vertical	Pass

LTE FDD Band 2-16QAM-20.0MHz-High channel								
Frequency (MHz)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization (H/V)	Result
3782	-33.42	0.71	7.6	-26.53	-13	-13.53	Horizontal	Pass
5673	-43.82	0.85	10.3	-34.37	-13	-21.37	Horizontal	Pass
7564	-55.1	0.99	13.2	-42.89	-13	-29.89	Horizontal	Pass
3782	-34.32	0.71	7.6	-27.43	-13	-14.43	Vertical	Pass
5673	-44.9	0.85	10.3	-35.45	-13	-22.45	Vertical	Pass
7564	-56.13	0.99	13.2	-43.92	-13	-30.92	Vertical	Pass

Note: All modes have been tested and we only record the worst test result.