

LTE FDD Band 4-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
3420.14	-25.42	0.65	6.2	-19.87	-13	-6.87	Horizontal	Pass
5130.21	-38.92	0.82	9.6	-30.14	-13	-17.14	Horizontal	Pass
6840.28	-47.4	0.95	11.8	-36.55	-13	-23.55	Horizontal	Pass
3420.14	-26.52	0.65	6.2	-20.97	-13	-7.97	Vertical	Pass
5130.21	-37	0.82	9.6	-28.22	-13	-15.22	Vertical	Pass
6840.28	-52.35	0.95	11.8	-41.5	-13	-28.5	Vertical	Pass

LTE FDD Band 4-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
3463.74	-28.4	0.65	6.2	-22.85	-13	-9.85	Horizontal	Pass
5195.61	-42.49	0.82	9.6	-33.71	-13	-20.71	Horizontal	Pass
6927.48	-51.22	0.95	11.8	-40.37	-13	-27.37	Horizontal	Pass
3463.74	-35.57	0.65	6.2	-30.02	-13	-17.02	Vertical	Pass
5195.61	-48.07	0.82	9.6	-39.29	-13	-26.29	Vertical	Pass
6927.48	-48.25	0.95	11.8	-37.4	-13	-24.4	Vertical	Pass

LTE FDD Band 4-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
3507.34	-37.88	0.71	7.6	-30.99	-13	-17.99	Horizontal	Pass
5261.01	-48.24	0.82	9.6	-39.46	-13	-26.46	Horizontal	Pass
7014.68	-53.33	1	12.9	-41.43	-13	-28.43	Horizontal	Pass
3507.34	-37.66	0.71	7.6	-30.77	-13	-17.77	Vertical	Pass
5261.01	-47.44	0.82	9.6	-38.66	-13	-25.66	Vertical	Pass
7014.68	-56.31	1	12.9	-44.41	-13	-31.41	Vertical	Pass

LTE FDD Band 4-16QAM-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
3420.14	-25.77	0.65	6.2	-20.22	-13	-7.22	Horizontal	Pass
5130.21	-37.05	0.82	9.6	-28.27	-13	-15.27	Horizontal	Pass
6840.28	-51.73	0.95	11.8	-40.88	-13	-27.88	Horizontal	Pass
3420.14	-27.01	0.65	6.2	-21.46	-13	-8.46	Vertical	Pass
5130.21	-38.39	0.82	9.6	-29.61	-13	-16.61	Vertical	Pass
6840.28	-49.65	0.95	11.8	-38.8	-13	-25.8	Vertical	Pass

LTE FDD Band 4-16QAM-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
3463.74	-31.08	0.65	6.2	-25.53	-13	-12.53	Horizontal	Pass
5195.61	-44.28	0.82	9.6	-35.5	-13	-22.5	Horizontal	Pass
6927.48	-52.27	0.95	11.8	-41.42	-13	-28.42	Horizontal	Pass
3463.74	-32.93	0.65	6.2	-27.38	-13	-14.38	Vertical	Pass
5195.61	-43.45	0.82	9.6	-34.67	-13	-21.67	Vertical	Pass
6927.48	-49.42	0.95	11.8	-38.57	-13	-25.57	Vertical	Pass

LTE FDD Band 4-16QAM-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
3507.34	-36.24	0.71	7.6	-29.35	-13	-16.35	Horizontal	Pass
5261.01	-48.96	0.82	9.6	-40.18	-13	-27.18	Horizontal	Pass
7014.68	-58.23	1	12.9	-46.33	-13	-33.33	Horizontal	Pass
3507.34	-39.56	0.71	7.6	-32.67	-13	-19.67	Vertical	Pass
5261.01	-46.46	0.82	9.6	-37.68	-13	-24.68	Vertical	Pass
7014.68	-56.12	1	12.9	-44.22	-13	-31.22	Vertical	Pass

LTE FDD Band 4-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
3420.3	-28.59	0.65	6.2	-23.04	-13	-10.04	Horizontal	Pass
5130.45	-39.68	0.82	9.6	-30.9	-13	-17.9	Horizontal	Pass
6840.6	-48.99	0.95	11.8	-38.14	-13	-25.14	Horizontal	Pass
3420.3	-25.02	0.65	6.2	-19.47	-13	-6.47	Vertical	Pass
5130.45	-36.94	0.82	9.6	-28.16	-13	-15.16	Vertical	Pass
6840.6	-50.98	0.95	11.8	-40.13	-13	-27.13	Vertical	Pass

LTE FDD Band 4- 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
3462.3	-31.15	0.65	6.2	-25.6	-13	-12.6	Horizontal	Pass
5193.45	-39.86	0.82	9.6	-31.08	-13	-18.08	Horizontal	Pass
6924.6	-52.81	0.95	11.8	-41.96	-13	-28.96	Horizontal	Pass
3462.3	-26	0.65	6.2	-20.45	-13	-7.45	Vertical	Pass
5193.45	-38.9	0.82	9.6	-30.12	-13	-17.12	Vertical	Pass
6924.6	-53.49	0.95	11.8	-42.64	-13	-29.64	Vertical	Pass

LTE FDD Band 4- 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
3504.3	-33.38	0.71	7.6	-26.49	-13	-13.49	Horizontal	Pass
5256.45	-42.8	0.82	9.6	-34.02	-13	-21.02	Horizontal	Pass
7008.6	-53.98	1	12.9	-42.08	-13	-29.08	Horizontal	Pass
3504.3	-29.81	0.71	7.6	-22.92	-13	-9.92	Vertical	Pass
5256.45	-42.43	0.82	9.6	-33.65	-13	-20.65	Vertical	Pass
7008.6	-54.85	1	12.9	-42.95	-13	-29.95	Vertical	Pass

LTE FDD Band 4-16QAM-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
3420.3	-25.83	0.65	6.2	-20.28	-13	-7.28	Horizontal	Pass
5130.45	-39.35	0.82	9.6	-30.57	-13	-17.57	Horizontal	Pass
6840.6	-48.09	0.95	11.8	-37.24	-13	-24.24	Horizontal	Pass
3420.3	-25.14	0.65	6.2	-19.59	-13	-6.59	Vertical	Pass
5130.45	-37.52	0.82	9.6	-28.74	-13	-15.74	Vertical	Pass
6840.6	-51.45	0.95	11.8	-40.6	-13	-27.6	Vertical	Pass

LTE FDD Band 4-16QAM-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
3462.3	-27.61	0.65	6.2	-22.06	-13	-9.06	Horizontal	Pass
5193.45	-40.39	0.82	9.6	-31.61	-13	-18.61	Horizontal	Pass
6924.6	-50.25	0.95	11.8	-39.4	-13	-26.4	Horizontal	Pass
3462.3	-26.3	0.65	6.2	-20.75	-13	-7.75	Vertical	Pass
5193.45	-39.23	0.82	9.6	-30.45	-13	-17.45	Vertical	Pass
6924.6	-49.7	0.95	11.8	-38.85	-13	-25.85	Vertical	Pass

LTE FDD Band 4-16QAM-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
3504.3	-32.23	0.71	7.6	-25.34	-13	-12.34	Horizontal	Pass
5256.45	-37.55	0.82	9.6	-28.77	-13	-15.77	Horizontal	Pass
7008.6	-53.25	1	12.9	-41.35	-13	-28.35	Horizontal	Pass
3504.3	-30.2	0.71	7.6	-23.31	-13	-10.31	Vertical	Pass
5256.45	-41.26	0.82	9.6	-32.48	-13	-19.48	Vertical	Pass
7008.6	-52.58	1	12.9	-40.68	-13	-27.68	Vertical	Pass

LTE FDD Band 4-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
3420.5	-26.57	0.65	6.2	-21.02	-13	-8.02	Horizontal	Pass
5130.75	-39.47	0.82	9.6	-30.69	-13	-17.69	Horizontal	Pass
6841	-49.43	0.95	11.8	-38.58	-13	-25.58	Horizontal	Pass
3420.5	-26.53	0.65	6.2	-20.98	-13	-7.98	Vertical	Pass
5130.75	-40.01	0.82	9.6	-31.23	-13	-18.23	Vertical	Pass
6841	-52.8	0.95	11.8	-41.95	-13	-28.95	Vertical	Pass

LTE FDD Band 4- 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
3460.5	-28.69	0.65	6.2	-23.14	-13	-10.14	Horizontal	Pass
5190.75	-43.68	0.82	9.6	-34.9	-13	-21.9	Horizontal	Pass
6921	-50.98	0.95	11.8	-40.13	-13	-27.13	Horizontal	Pass
3460.5	-27.32	0.65	6.2	-21.77	-13	-8.77	Vertical	Pass
5190.75	-43.13	0.82	9.6	-34.35	-13	-21.35	Vertical	Pass
6921	-53.47	0.95	11.8	-42.62	-13	-29.62	Vertical	Pass

LTE FDD Band 4- 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
3500.5	-31.33	0.71	7.6	-24.44	-13	-11.44	Horizontal	Pass
5250.75	-41.25	0.82	9.6	-32.47	-13	-19.47	Horizontal	Pass
7001	-53.29	1	12.9	-41.39	-13	-28.39	Horizontal	Pass
3500.5	-30.03	0.71	7.6	-23.14	-13	-10.14	Vertical	Pass
5250.75	-46.4	0.82	9.6	-37.62	-13	-24.62	Vertical	Pass
7001	-54.29	1	12.9	-42.39	-13	-29.39	Vertical	Pass

LTE FDD Band 4-16QAM-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
3420.5	-27.24	0.65	6.2	-21.69	-13	-8.69	Horizontal	Pass
5130.75	-40.54	0.82	9.6	-31.76	-13	-18.76	Horizontal	Pass
6841	-49.36	0.95	11.8	-38.51	-13	-25.51	Horizontal	Pass
3420.5	-24.28	0.65	6.2	-18.73	-13	-5.73	Vertical	Pass
5130.75	-39.51	0.82	9.6	-30.73	-13	-17.73	Vertical	Pass
6841	-51.64	0.95	11.8	-40.79	-13	-27.79	Vertical	Pass

LTE FDD Band 4-16QAM-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
3460.5	-28.41	0.65	6.2	-22.86	-13	-9.86	Horizontal	Pass
5190.75	-41.84	0.82	9.6	-33.06	-13	-20.06	Horizontal	Pass
6921	-50.23	0.95	11.8	-39.38	-13	-26.38	Horizontal	Pass
3460.5	-27.07	0.65	6.2	-21.52	-13	-8.52	Vertical	Pass
5190.75	-42.07	0.82	9.6	-33.29	-13	-20.29	Vertical	Pass
6921	-52.63	0.95	11.8	-41.78	-13	-28.78	Vertical	Pass

LTE FDD Band 4-16QAM-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
3500.5	-30.55	0.71	7.6	-23.66	-13	-10.66	Horizontal	Pass
5250.75	-45.56	0.82	9.6	-36.78	-13	-23.78	Horizontal	Pass
7001	-53.21	1	12.9	-41.31	-13	-28.31	Horizontal	Pass
3500.5	-31.57	0.71	7.6	-24.68	-13	-11.68	Vertical	Pass
5250.75	-47.31	0.82	9.6	-38.53	-13	-25.53	Vertical	Pass
7001	-54.86	1	12.9	-42.96	-13	-29.96	Vertical	Pass

LTE FDD Band 4-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
3421	-25.35	0.65	6.2	-19.8	-13	-6.8	Horizontal	Pass
5131.5	-36.55	0.82	9.6	-27.77	-13	-14.77	Horizontal	Pass
6842	-44.81	0.95	11.8	-33.96	-13	-20.96	Horizontal	Pass
3421	-27.04	0.65	6.2	-21.49	-13	-8.49	Vertical	Pass
5131.5	-38.26	0.82	9.6	-29.48	-13	-16.48	Vertical	Pass
6842	-47.89	0.95	11.8	-37.04	-13	-24.04	Vertical	Pass

LTE FDD Band 4- 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
3456	-27.97	0.65	6.2	-22.42	-13	-9.42	Horizontal	Pass
5184	-38.9	0.82	9.6	-30.12	-13	-17.12	Horizontal	Pass
6912	-48.54	0.95	11.8	-37.69	-13	-24.69	Horizontal	Pass
3456	-25.6	0.65	6.2	-20.05	-13	-7.05	Vertical	Pass
5184	-36.02	0.82	9.6	-27.24	-13	-14.24	Vertical	Pass
6912	-44.73	0.95	11.8	-33.88	-13	-20.88	Vertical	Pass

LTE FDD Band 4- 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
3491	-27.54	0.65	6.2	-21.99	-13	-8.99	Horizontal	Pass
5236.5	-37.73	0.82	9.6	-28.95	-13	-15.95	Horizontal	Pass
6982	-47.96	0.95	11.8	-37.11	-13	-24.11	Horizontal	Pass
3491	-26.08	0.65	6.2	-20.53	-13	-7.53	Vertical	Pass
5236.5	-37.69	0.82	9.6	-28.91	-13	-15.91	Vertical	Pass
6982	-45.63	0.95	11.8	-34.78	-13	-21.78	Vertical	Pass

LTE FDD Band 4-16QAM-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
3421	-30.7	0.65	6.2	-25.15	-13	-12.15	Horizontal	Pass
5131.5	-39.77	0.82	9.6	-30.99	-13	-17.99	Horizontal	Pass
6842	-47.82	0.95	11.8	-36.97	-13	-23.97	Horizontal	Pass
3421	-26.73	0.65	6.2	-21.18	-13	-8.18	Vertical	Pass
5131.5	-39.09	0.82	9.6	-30.31	-13	-17.31	Vertical	Pass
6842	-45.77	0.95	11.8	-34.92	-13	-21.92	Vertical	Pass

LTE FDD Band 4-16QAM-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
3456	-27.91	0.65	6.2	-22.36	-13	-9.36	Horizontal	Pass
5184	-40.47	0.82	9.6	-31.69	-13	-18.69	Horizontal	Pass
6912	-45.41	0.95	11.8	-34.56	-13	-21.56	Horizontal	Pass
3456	-31.86	0.65	6.2	-26.31	-13	-13.31	Vertical	Pass
5184	-39.6	0.82	9.6	-30.82	-13	-17.82	Vertical	Pass
6912	-47.6	0.95	11.8	-36.75	-13	-23.75	Vertical	Pass

LTE FDD Band 4-16QAM-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
3491	-27.56	0.65	6.2	-22.01	-13	-9.01	Horizontal	Pass
5236.5	-40.05	0.82	9.6	-31.27	-13	-18.27	Horizontal	Pass
6982	-43.96	0.95	11.8	-33.11	-13	-20.11	Horizontal	Pass
3491	-31.57	0.65	6.2	-26.02	-13	-13.02	Vertical	Pass
5236.5	-40.42	0.82	9.6	-31.64	-13	-18.64	Vertical	Pass
6982	-48.44	0.95	11.8	-37.59	-13	-24.59	Vertical	Pass



LTE FDD Band 4-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
3421.5	-28.35	0.65	6.2	-22.8	-13	-9.8	Horizontal	Pass
5132.25	-40.03	0.82	9.6	-31.25	-13	-18.25	Horizontal	Pass
6843	-50.13	0.95	11.8	-39.28	-13	-26.28	Horizontal	Pass
3421.5	-26.44	0.65	6.2	-20.89	-13	-7.89	Vertical	Pass
5132.25	-38.84	0.82	9.6	-30.06	-13	-17.06	Vertical	Pass
6843	-48.83	0.95	11.8	-37.98	-13	-24.98	Vertical	Pass

LTE FDD Band 4- 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
3451.5	-26.4	0.65	6.2	-20.85	-13	-7.85	Horizontal	Pass
5177.25	-39.21	0.82	9.6	-30.43	-13	-17.43	Horizontal	Pass
6903	-47.75	0.95	11.8	-36.9	-13	-23.9	Horizontal	Pass
3451.5	-28.12	0.65	6.2	-22.57	-13	-9.57	Vertical	Pass
5177.25	-40.33	0.82	9.6	-31.55	-13	-18.55	Vertical	Pass
6903	-51.2	0.95	11.8	-40.35	-13	-27.35	Vertical	Pass

LTE FDD Band 4- 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
3481.5	-27.01	0.65	6.2	-21.46	-13	-8.46	Horizontal	Pass
5222.25	-38.95	0.82	9.6	-30.17	-13	-17.17	Horizontal	Pass
6963	-47.39	0.95	11.8	-36.54	-13	-23.54	Horizontal	Pass
3481.5	-29.17	0.65	6.2	-23.62	-13	-10.62	Vertical	Pass
5222.25	-40.73	0.82	9.6	-31.95	-13	-18.95	Vertical	Pass
6963	-51.34	0.95	11.8	-40.49	-13	-27.49	Vertical	Pass

LTE FDD Band 4-16QAM-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
3421.5	-25.79	0.65	6.2	-20.24	-13	-7.24	Horizontal	Pass
5132.25	-39.25	0.82	9.6	-30.47	-13	-17.47	Horizontal	Pass
6843	-46.67	0.95	11.8	-35.82	-13	-22.82	Horizontal	Pass
3421.5	-31.76	0.65	6.2	-26.21	-13	-13.21	Vertical	Pass
5132.25	-42.57	0.82	9.6	-33.79	-13	-20.79	Vertical	Pass
6843	-51.2	0.95	11.8	-40.35	-13	-27.35	Vertical	Pass

LTE FDD Band 4-16QAM-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
3451.5	-32.2	0.65	6.2	-26.65	-13	-13.65	Horizontal	Pass
5177.25	-43.69	0.82	9.6	-34.91	-13	-21.91	Horizontal	Pass
6903	-50.26	0.95	11.8	-39.41	-13	-26.41	Horizontal	Pass
3451.5	-26.29	0.65	6.2	-20.74	-13	-7.74	Vertical	Pass
5177.25	-40.34	0.82	9.6	-31.56	-13	-18.56	Vertical	Pass
6903	-46.25	0.95	11.8	-35.4	-13	-22.4	Vertical	Pass

LTE FDD Band 4-16QAM-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
3481.5	-33.41	0.65	6.2	-27.86	-13	-14.86	Horizontal	Pass
5222.25	-43.37	0.82	9.6	-34.59	-13	-21.59	Horizontal	Pass
6963	-52.59	0.95	11.8	-41.74	-13	-28.74	Horizontal	Pass
3481.5	-26.61	0.65	6.2	-21.06	-13	-8.06	Vertical	Pass
5222.25	-40.69	0.82	9.6	-31.91	-13	-18.91	Vertical	Pass
6963	-47.1	0.95	11.8	-36.25	-13	-23.25	Vertical	Pass

LTE FDD Band 4-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
3422	-24.34	0.65	6.2	-18.79	-13	-5.79	Horizontal	Pass
5133	-38.43	0.82	9.6	-29.65	-13	-16.65	Horizontal	Pass
6844	-45.52	0.95	11.8	-34.67	-13	-21.67	Horizontal	Pass
3422	-25.11	0.65	6.2	-19.56	-13	-6.56	Vertical	Pass
5133	-39.32	0.82	9.6	-30.54	-13	-17.54	Vertical	Pass
6844	-49.56	0.95	11.8	-38.71	-13	-25.71	Vertical	Pass

LTE FDD Band 4- 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
3447	-25.07	0.65	6.2	-19.52	-13	-6.52	Horizontal	Pass
5170.5	-39.24	0.82	9.6	-30.46	-13	-17.46	Horizontal	Pass
6894	-50.07	0.95	11.8	-39.22	-13	-26.22	Horizontal	Pass
3447	-23.88	0.65	6.2	-18.33	-13	-5.33	Vertical	Pass
5170.5	-38.59	0.82	9.6	-29.81	-13	-16.81	Vertical	Pass
6894	-45.49	0.95	11.8	-34.64	-13	-21.64	Vertical	Pass

LTE FDD Band 4- 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
3472	-25.82	0.65	6.2	-20.27	-13	-7.27	Horizontal	Pass
5208	-40.14	0.82	9.6	-31.36	-13	-18.36	Horizontal	Pass
6944	-49.17	0.95	11.8	-38.32	-13	-25.32	Horizontal	Pass
3472	-24.81	0.65	6.2	-19.26	-13	-6.26	Vertical	Pass
5208	-37.29	0.82	9.6	-28.51	-13	-15.51	Vertical	Pass
6944	-46.06	0.95	11.8	-35.21	-13	-22.21	Vertical	Pass

LTE FDD Band 4-16QAM-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
3422	-26.65	0.65	6.2	-21.1	-13	-8.1	Horizontal	Pass
5133	-39.91	0.82	9.6	-31.13	-13	-18.13	Horizontal	Pass
6844	-48.89	0.95	11.8	-38.04	-13	-25.04	Horizontal	Pass
3422	-25.29	0.65	6.2	-19.74	-13	-6.74	Vertical	Pass
5133	-37.67	0.82	9.6	-28.89	-13	-15.89	Vertical	Pass
6844	-48.19	0.95	11.8	-37.34	-13	-24.34	Vertical	Pass

LTE FDD Band 4-16QAM-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
3447	-25.27	0.65	6.2	-19.72	-13	-6.72	Horizontal	Pass
5170.5	-37.33	0.82	9.6	-28.55	-13	-15.55	Horizontal	Pass
6894	-49.7	0.95	11.8	-38.85	-13	-25.85	Horizontal	Pass
3447	-27.11	0.65	6.2	-21.56	-13	-8.56	Vertical	Pass
5170.5	-40.83	0.82	9.6	-32.05	-13	-19.05	Vertical	Pass
6894	-48.51	0.95	11.8	-37.66	-13	-24.66	Vertical	Pass

LTE FDD Band 4-16QAM-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
3472	-27.08	0.65	6.2	-21.53	-13	-8.53	Horizontal	Pass
5208	-41.63	0.82	9.6	-32.85	-13	-19.85	Horizontal	Pass
6944	-48.78	0.95	11.8	-37.93	-13	-24.93	Horizontal	Pass
3472	-25.59	0.65	6.2	-20.04	-13	-7.04	Vertical	Pass
5208	-36.84	0.82	9.6	-28.06	-13	-15.06	Vertical	Pass
6944	-49.71	0.95	11.8	-38.86	-13	-25.86	Vertical	Pass

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