

**LTE Band 26(814MHz-824MHz), 1.4MHz, 16QAM, Channel 26697**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
3256.88	-52.70	1.10	11.50	-42.30	-13.00	V
9100.75	-51.39	2.20	11.60	-41.99	-13.00	H
9227.38	-51.35	2.10	11.60	-41.85	-13.00	H
9419.00	-51.74	2.10	11.60	-42.24	-13.00	H
9727.50	-50.55	2.20	11.20	-41.55	-13.00	H
9795.38	-51.18	2.30	11.20	-42.28	-13.00	H

**LTE Band 26(814MHz-824MHz), 1.4MHz, 16QAM, Channel 26740**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7321.50	-52.56	1.70	12.00	-42.26	-13.00	H
8745.00	-52.80	2.00	12.00	-42.80	-13.00	H
9097.50	-52.01	2.20	11.60	-42.61	-13.00	H
9299.38	-51.03	2.00	11.60	-41.43	-13.00	H
9469.62	-51.52	2.10	11.60	-42.02	-13.00	V
9764.38	-51.33	2.30	11.20	-42.43	-13.00	H

**LTE Band 26(814MHz-824MHz), 1.4MHz, 16QAM, Channel 26783**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8436.00	-52.04	1.80	11.30	-42.54	-13.00	H
9107.00	-52.36	2.10	11.60	-42.86	-13.00	H
9299.88	-50.86	2.00	11.60	-41.26	-13.00	H
9473.88	-50.80	2.10	11.60	-41.30	-13.00	V
9752.00	-51.25	2.20	11.20	-42.25	-13.00	H
9780.00	-51.53	2.30	11.20	-42.63	-13.00	H



**LTE Band 26(814MHz-824MHz), 1.4MHz, 64QAM, Channel 26697**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
3256.88	-52.32	1.10	11.50	-41.92	-13.00	V
9100.00	-51.50	2.20	11.60	-42.10	-13.00	H
9297.50	-51.04	2.00	11.60	-41.44	-13.00	H
9475.50	-51.11	2.10	11.60	-41.61	-13.00	V
9757.75	-51.34	2.20	11.20	-42.34	-13.00	H
9790.50	-49.61	2.30	11.20	-40.71	-13.00	H

**LTE Band 26(814MHz-824MHz), 1.4MHz, 64QAM, Channel 26740**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7201.12	-53.01	1.80	12.00	-42.81	-13.00	V
9110.88	-52.22	2.10	11.60	-42.72	-13.00	H
9301.75	-51.05	2.00	11.60	-41.45	-13.00	H
9476.25	-50.11	2.10	11.60	-40.61	-13.00	V
9725.12	-50.62	2.20	11.20	-41.62	-13.00	H
9787.62	-51.85	2.30	11.20	-42.95	-13.00	H

**LTE Band 26(814MHz-824MHz), 1.4MHz, 64QAM, Channel 26783**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8474.25	-52.23	1.80	11.30	-42.73	-13.00	H
9100.50	-51.76	2.20	11.60	-42.36	-13.00	H
9297.62	-50.53	2.00	11.60	-40.93	-13.00	H
9476.38	-50.93	2.10	11.60	-41.43	-13.00	V
9672.38	-51.47	2.20	11.20	-42.47	-13.00	H
9784.50	-51.75	2.30	11.20	-42.85	-13.00	H

**LTE Band 38, 5MHz, QPSK, Channel 37775**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16935.62	-48.37	2.90	16.50	-34.77	-25.00	H
17197.50	-45.60	2.90	14.50	-34.00	-25.00	H
17281.25	-45.97	3.20	14.50	-34.67	-25.00	H
17460.62	-46.30	2.90	14.50	-34.70	-25.00	H
17553.75	-44.68	2.90	12.80	-34.78	-25.00	H
17821.88	-43.82	3.60	12.80	-34.62	-25.00	H

**LTE Band 38, 5MHz, QPSK, Channel 38000**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16982.50	-47.58	2.90	16.50	-33.98	-25.00	H
17137.50	-46.03	2.90	14.50	-34.43	-25.00	H
17275.00	-45.31	3.20	14.50	-34.01	-25.00	H
17514.38	-43.98	2.90	12.80	-34.08	-25.00	H
17570.00	-44.17	3.30	12.80	-34.67	-25.00	H
17798.75	-43.88	3.60	12.80	-34.68	-25.00	H

**LTE Band 38, 5MHz, QPSK, Channel 38225**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16926.25	-48.05	2.90	16.50	-34.45	-25.00	H
17118.12	-46.16	2.90	14.50	-34.56	-25.00	H
17360.62	-45.24	3.20	14.50	-33.94	-25.00	H
17513.75	-43.98	2.90	12.80	-34.08	-25.00	H
17663.75	-44.29	3.30	12.80	-34.79	-25.00	H
17829.38	-43.10	3.60	12.80	-33.90	-25.00	H

**LTE Band 38, 5MHz, 16QAM, Channel 37775**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
17005.62	-45.80	2.90	14.50	-34.20	-25.00	H
17096.25	-45.61	2.90	14.50	-34.01	-25.00	H
17250.62	-45.71	3.20	14.50	-34.41	-25.00	H
17447.50	-45.67	2.90	14.50	-34.07	-25.00	H
17579.38	-44.05	3.30	12.80	-34.55	-25.00	H
17785.00	-43.71	3.60	12.80	-34.51	-25.00	H

**LTE Band 38, 5MHz, 16QAM, Channel 38000**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16961.25	-47.66	2.90	16.50	-34.06	-25.00	H
17206.25	-45.68	2.90	14.50	-34.08	-25.00	H
17366.88	-46.09	3.20	14.50	-34.79	-25.00	H
17461.25	-46.34	2.90	14.50	-34.74	-25.00	H
17635.62	-43.79	3.30	12.80	-34.29	-25.00	H
17763.75	-43.87	3.60	12.80	-34.67	-25.00	H

**LTE Band 38, 5MHz, 16QAM, Channel 38225**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16955.00	-48.04	2.90	16.50	-34.44	-25.00	H
17145.62	-46.30	2.90	14.50	-34.70	-25.00	H
17261.25	-45.64	3.20	14.50	-34.34	-25.00	H
17504.38	-44.62	2.90	12.80	-34.72	-25.00	H
17580.62	-43.80	3.30	12.80	-34.30	-25.00	H
17755.00	-43.56	3.60	12.80	-34.36	-25.00	H

**LTE Band 38, 5MHz, 64QAM, Channel 37775**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16946.88	-48.39	2.90	16.50	-34.79	-25.00	H
17203.12	-46.46	2.90	14.50	-34.86	-25.00	H
17353.12	-45.90	3.20	14.50	-34.60	-25.00	H
17519.38	-44.03	2.90	12.80	-34.13	-25.00	H
17575.00	-43.38	3.30	12.80	-33.88	-25.00	H
17826.88	-43.80	3.60	12.80	-34.60	-25.00	H

**LTE Band 38, 5MHz, 64QAM, Channel 38000**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16945.62	-47.72	2.90	16.50	-34.12	-25.00	H
17213.12	-46.00	2.90	14.50	-34.40	-25.00	H
17298.12	-45.61	3.20	14.50	-34.31	-25.00	H
17458.75	-46.29	2.90	14.50	-34.69	-25.00	H
17613.75	-44.06	3.30	12.80	-34.56	-25.00	H
17800.62	-43.52	3.60	12.80	-34.32	-25.00	H

**LTE Band 38, 5MHz, 64QAM, Channel 38225**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16947.50	-47.79	2.90	16.50	-34.19	-25.00	H
17183.12	-45.61	2.90	14.50	-34.01	-25.00	H
17291.88	-45.55	3.20	14.50	-34.25	-25.00	H
17436.25	-46.06	2.90	14.50	-34.46	-25.00	H
17614.38	-43.52	3.30	12.80	-34.02	-25.00	H
17682.50	-43.96	3.30	12.80	-34.46	-25.00	H

**LTE Band 41, 5MHz, QPSK, Channel 23017**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16953.12	-47.64	2.90	16.50	-34.04	-25.00	H
17196.88	-46.31	2.90	14.50	-34.71	-25.00	H
17313.75	-45.87	3.20	14.50	-34.57	-25.00	H
17513.75	-44.69	2.90	12.80	-34.79	-25.00	H
17613.12	-43.43	3.30	12.80	-33.93	-25.00	H
17833.12	-43.58	3.60	12.80	-34.38	-25.00	H

**LTE Band 41, 5MHz, QPSK, Channel 23095**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16930.62	-47.69	2.90	16.50	-34.09	-25.00	H
17110.62	-46.18	2.90	14.50	-34.58	-25.00	H
17356.88	-45.74	3.20	14.50	-34.44	-25.00	H
17460.00	-46.24	2.90	14.50	-34.64	-25.00	H
17636.88	-43.37	3.30	12.80	-33.87	-25.00	H
17812.50	-43.15	3.60	12.80	-33.95	-25.00	H

**LTE Band 41, 5MHz, QPSK, Channel 23173**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16983.75	-47.54	2.90	16.50	-33.94	-25.00	H
17211.88	-46.52	2.90	14.50	-34.92	-25.00	H
17291.25	-45.90	3.20	14.50	-34.60	-25.00	H
17469.38	-45.97	2.90	14.50	-34.37	-25.00	H
17571.25	-43.54	3.30	12.80	-34.04	-25.00	H
17816.25	-43.70	3.60	12.80	-34.50	-25.00	H

**LTE Band 41, 5MHz, 16QAM, Channel 23017**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16961.25	-47.86	2.90	16.50	-34.26	-25.00	H
17075.00	-45.84	2.90	14.50	-34.24	-25.00	H
17297.50	-45.58	3.20	14.50	-34.28	-25.00	H
17481.88	-45.65	2.90	14.50	-34.05	-25.00	H
17583.12	-43.40	3.30	12.80	-33.90	-25.00	H
17840.00	-43.84	3.60	12.80	-34.64	-25.00	H

**LTE Band 41, 5MHz, 16QAM, Channel 23095**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16952.50	-48.60	2.90	16.50	-35.00	-25.00	H
17139.38	-45.72	2.90	14.50	-34.12	-25.00	H
17245.00	-45.95	3.20	14.50	-34.65	-25.00	H
17458.75	-46.34	2.90	14.50	-34.74	-25.00	H
17561.88	-43.71	3.30	12.80	-34.21	-25.00	H
17840.00	-43.21	3.60	12.80	-34.01	-25.00	H

**LTE Band 41, 5MHz, 16QAM, Channel 23173**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16973.75	-49.06	2.90	16.50	-35.46	-25.00	H
17106.25	-45.65	2.90	14.50	-34.05	-25.00	H
17285.62	-45.86	3.20	14.50	-34.56	-25.00	H
17421.25	-45.61	2.90	14.50	-34.01	-25.00	H
17614.38	-43.39	3.30	12.80	-33.89	-25.00	H
17827.50	-43.09	3.60	12.80	-33.89	-25.00	H

**LTE Band 41, 5MHz, 64QAM, Channel 23017**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16950.62	-48.72	2.90	16.50	-35.12	-25.00	H
17136.88	-46.08	2.90	14.50	-34.48	-25.00	H
17300.00	-45.77	3.20	14.50	-34.47	-25.00	H
17445.00	-45.57	2.90	14.50	-33.97	-25.00	H
17598.75	-43.62	3.30	12.80	-34.12	-25.00	H
17776.25	-43.62	3.60	12.80	-34.42	-25.00	H

**LTE Band 41, 5MHz, 64QAM, Channel 23095**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16929.38	-47.97	2.90	16.50	-34.37	-25.00	H
17126.25	-46.40	2.90	14.50	-34.80	-25.00	H
17356.88	-45.53	3.20	14.50	-34.23	-25.00	H
17513.12	-43.83	2.90	12.80	-33.93	-25.00	H
17580.62	-43.41	3.30	12.80	-33.91	-25.00	H
17830.00	-43.66	3.60	12.80	-34.46	-25.00	H

**LTE Band 41, 5MHz, 64QAM, Channel 23173**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16993.12	-48.31	2.90	16.50	-34.71	-25.00	H
17188.75	-46.03	2.90	14.50	-34.43	-25.00	H
17353.12	-46.07	3.20	14.50	-34.77	-25.00	H
17463.75	-46.20	2.90	14.50	-34.60	-25.00	H
17600.62	-43.85	3.30	12.80	-34.35	-25.00	H
17822.50	-43.62	3.60	12.80	-34.42	-25.00	H



**LTE Band 66, 1.4MHz, QPSK, Channel 131979**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16938.12	-44.76	2.90	16.50	-31.16	-13.00	H
17125.00	-43.89	2.90	14.50	-32.29	-13.00	H
17354.38	-43.47	3.20	14.50	-32.17	-13.00	H
17420.62	-42.08	2.90	14.50	-30.48	-13.00	H
17585.62	-39.70	3.30	12.80	-30.20	-13.00	H
17770.62	-40.39	3.60	12.80	-31.19	-13.00	H

**LTE Band 66, 1.4MHz, QPSK, Channel 132322**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16936.25	-45.21	2.90	16.50	-31.61	-13.00	H
17134.38	-43.82	2.90	14.50	-32.22	-13.00	H
17363.12	-43.16	3.20	14.50	-31.86	-13.00	H
17459.38	-42.20	2.90	14.50	-30.60	-13.00	H
17575.62	-39.59	3.30	12.80	-30.09	-13.00	H
17775.62	-39.78	3.60	12.80	-30.58	-13.00	H

**LTE Band 66, 1.4MHz, QPSK, Channel 132665**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16961.25	-45.64	2.90	16.50	-32.04	-13.00	H
17190.00	-44.16	2.90	14.50	-32.56	-13.00	H
17297.50	-43.76	3.20	14.50	-32.46	-13.00	H
17483.75	-42.12	2.90	14.50	-30.52	-13.00	H
17611.88	-39.97	3.30	12.80	-30.47	-13.00	H
17797.50	-40.33	3.60	12.80	-31.13	-13.00	H

**LTE Band 66, 1.4MHz, 16QAM, Channel 131979**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16982.50	-45.99	2.90	16.50	-32.39	-13.00	H
17192.50	-44.37	2.90	14.50	-32.77	-13.00	H
17215.62	-43.54	3.20	14.50	-32.24	-13.00	H
17458.12	-42.13	2.90	14.50	-30.53	-13.00	H
17594.38	-40.20	3.30	12.80	-30.70	-13.00	H
17792.50	-40.42	3.60	12.80	-31.22	-13.00	H

**LTE Band 66, 1.4MHz, 16QAM, Channel 132322**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16982.50	-44.60	2.90	16.50	-31.00	-13.00	H
17127.50	-44.03	2.90	14.50	-32.43	-13.00	H
17293.12	-43.45	3.20	14.50	-32.15	-13.00	H
17461.88	-43.04	2.90	14.50	-31.44	-13.00	H
17598.12	-39.64	3.30	12.80	-30.14	-13.00	H
17818.75	-40.04	3.60	12.80	-30.84	-13.00	H

**LTE Band 66, 1.4MHz, 16QAM, Channel 132665**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16994.38	-45.68	2.90	16.50	-32.08	-13.00	H
17096.25	-44.16	2.90	14.50	-32.56	-13.00	H
17278.12	-43.42	3.20	14.50	-32.12	-13.00	H
17507.50	-40.84	2.90	12.80	-30.94	-13.00	H
17593.12	-40.36	3.30	12.80	-30.86	-13.00	H
17837.50	-40.78	3.60	12.80	-31.58	-13.00	H

**LTE Band 66, 1.4MHz, 64QAM, Channel 131979**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16968.75	-45.83	2.90	16.50	-32.23	-13.00	H
17105.00	-44.69	2.90	14.50	-33.09	-13.00	H
17255.62	-43.14	3.20	14.50	-31.84	-13.00	H
17450.00	-42.46	2.90	14.50	-30.86	-13.00	H
17597.50	-40.10	3.30	12.80	-30.60	-13.00	H
17773.12	-40.58	3.60	12.80	-31.38	-13.00	H

**LTE Band 66, 1.4MHz, 64QAM, Channel 132322**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16959.38	-45.40	2.90	16.50	-31.80	-13.00	H
17153.12	-44.19	2.90	14.50	-32.59	-13.00	H
17268.75	-43.40	3.20	14.50	-32.10	-13.00	H
17513.12	-40.57	2.90	12.80	-30.67	-13.00	H
17629.38	-40.46	3.30	12.80	-30.96	-13.00	H
17824.38	-41.23	3.60	12.80	-32.03	-13.00	H

**LTE Band 66, 1.4MHz, 64QAM, Channel 132665**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16874.38	-46.51	2.90	16.50	-32.91	-13.00	H
16985.62	-45.62	2.90	16.50	-32.02	-13.00	H
17368.12	-44.03	3.20	14.50	-32.73	-13.00	H
17458.12	-42.37	2.90	14.50	-30.77	-13.00	H
17617.50	-39.14	3.30	12.80	-29.64	-13.00	H
17834.38	-40.15	3.60	12.80	-30.95	-13.00	H

**LTE Band CA\_7C, 20MHz+20MHz, QPSK, Channel 20850+21048**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16970.62	-48.81	2.90	16.50	-35.21	-25.00	H
17115.00	-46.79	2.90	14.50	-35.19	-25.00	H
17290.62	-45.42	3.20	14.50	-34.12	-25.00	H
17455.00	-46.40	2.90	14.50	-34.80	-25.00	H
17599.38	-43.50	3.30	12.80	-34.00	-25.00	H
17839.38	-44.02	3.60	12.80	-34.82	-25.00	H

**LTE Band CA\_7C, 20MHz+20MHz, QPSK, Channel 21001+21199**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16961.88	-48.16	2.90	16.50	-34.56	-25.00	H
17160.62	-46.25	2.90	14.50	-34.65	-25.00	H
17272.50	-45.79	3.20	14.50	-34.49	-25.00	H
17504.38	-44.82	2.90	12.80	-34.92	-25.00	H
17596.88	-44.41	3.30	12.80	-34.91	-25.00	H
17806.88	-43.54	3.60	12.80	-34.34	-25.00	H

**LTE Band CA\_7C, 20MHz+20MHz, QPSK, Channel 21152+21350**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16946.88	-47.96	2.90	16.50	-34.36	-25.00	H
17118.75	-46.31	2.90	14.50	-34.71	-25.00	H
17356.88	-45.54	3.20	14.50	-34.24	-25.00	H
17506.88	-44.66	2.90	12.80	-34.76	-25.00	H
17598.75	-43.55	3.30	12.80	-34.05	-25.00	H
17839.38	-43.88	3.60	12.80	-34.68	-25.00	H

**LTE Band CA\_7C, 20MHz+20MHz, 16QAM, Channel 20850+21048**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16928.75	-48.04	2.90	16.50	-34.44	-25.00	H
17209.38	-46.32	2.90	14.50	-34.72	-25.00	H
17273.75	-45.59	3.20	14.50	-34.29	-25.00	H
17435.62	-45.56	2.90	14.50	-33.96	-25.00	H
17560.62	-44.39	2.90	12.80	-34.49	-25.00	H
17837.50	-43.45	3.60	12.80	-34.25	-25.00	H

**LTE Band CA\_7C, 20MHz+20MHz, 16QAM, Channel 21001+21199**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16974.38	-47.48	2.90	16.50	-33.88	-25.00	H
17116.25	-46.59	2.90	14.50	-34.99	-25.00	H
17367.50	-46.35	3.20	14.50	-35.05	-25.00	H
17498.12	-45.53	2.90	14.50	-33.93	-25.00	H
17593.12	-43.70	3.30	12.80	-34.20	-25.00	H
17776.88	-44.17	3.60	12.80	-34.97	-25.00	H

**LTE Band CA\_7C, 20MHz+20MHz, 16QAM, Channel 21152+21350**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16942.50	-48.78	2.90	16.50	-35.18	-25.00	H
17167.50	-46.17	2.90	14.50	-34.57	-25.00	H
17251.25	-45.92	3.20	14.50	-34.62	-25.00	H
17450.62	-46.48	2.90	14.50	-34.88	-25.00	H
17576.25	-44.28	3.30	12.80	-34.78	-25.00	H
17833.12	-43.71	3.60	12.80	-34.51	-25.00	H

**LTE Band CA\_7C, 20MHz+20MHz, 64QAM, Channel 20850+21048**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16477.50	-50.11	2.70	17.40	-35.41	-25.00	H
16975.00	-49.06	2.90	16.50	-35.46	-25.00	H
17159.38	-46.34	2.90	14.50	-34.74	-25.00	H
17503.75	-44.81	2.90	12.80	-34.91	-25.00	H
17547.50	-43.85	2.90	12.80	-33.95	-25.00	H
17801.25	-43.10	3.60	12.80	-33.90	-25.00	H

**LTE Band CA\_7C, 20MHz+20MHz, 64QAM, Channel 21001+21199**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16985.00	-48.95	2.90	16.50	-35.35	-25.00	H
17200.00	-46.60	2.90	14.50	-35.00	-25.00	H
17275.62	-45.19	3.20	14.50	-33.89	-25.00	H
17525.00	-44.76	2.90	12.80	-34.86	-25.00	H
17623.12	-44.30	3.30	12.80	-34.80	-25.00	H
17771.25	-43.27	3.60	12.80	-34.07	-25.00	H

**LTE Band CA\_7C, 20MHz+20MHz, 64QAM, Channel 21152+21350**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16959.38	-49.03	2.90	16.50	-35.43	-25.00	H
17103.75	-46.57	2.90	14.50	-34.97	-25.00	H
17350.00	-45.85	3.20	14.50	-34.55	-25.00	H
17478.75	-46.77	2.90	14.50	-35.17	-25.00	H
17591.25	-45.32	3.30	12.80	-35.82	-25.00	H
17818.12	-43.66	3.60	12.80	-34.46	-25.00	H

**LTE Band CA\_38C, 20MHz+20MHz, QPSK, Channel 37850+38048**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16945.62	-48.64	2.90	16.50	-35.04	-25.00	H
17136.88	-46.43	2.90	14.50	-34.83	-25.00	H
17345.00	-45.86	3.20	14.50	-34.56	-25.00	H
17447.50	-45.58	2.90	14.50	-33.98	-25.00	H
17618.75	-43.87	3.30	12.80	-34.37	-25.00	H
17836.25	-43.21	3.60	12.80	-34.01	-25.00	H

**LTE Band CA\_38C, 20MHz+20MHz, QPSK, Channel 37901+38099**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16969.38	-48.20	2.90	16.50	-34.60	-25.00	H
17130.00	-45.79	2.90	14.50	-34.19	-25.00	H
17349.38	-45.85	3.20	14.50	-34.55	-25.00	H
17450.62	-46.08	2.90	14.50	-34.48	-25.00	H
17570.62	-43.58	3.30	12.80	-34.08	-25.00	H
17823.75	-43.40	3.60	12.80	-34.20	-25.00	H

**LTE Band CA\_38C, 20MHz+20MHz, QPSK, Channel 37952+38150**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16990.62	-47.90	2.90	16.50	-34.30	-25.00	H
17115.00	-46.12	2.90	14.50	-34.52	-25.00	H
17286.25	-45.66	3.20	14.50	-34.36	-25.00	H
17509.38	-44.29	2.90	12.80	-34.39	-25.00	H
17589.38	-43.66	3.30	12.80	-34.16	-25.00	H
17833.12	-43.32	3.60	12.80	-34.12	-25.00	H

**LTE Band CA\_38C, 20MHz+20MHz, 16QAM, Channel 37850+38048**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16951.88	-48.66	2.90	16.50	-35.06	-25.00	H
17115.62	-46.09	2.90	14.50	-34.49	-25.00	H
17357.50	-46.12	3.20	14.50	-34.82	-25.00	H
17521.25	-44.73	2.90	12.80	-34.83	-25.00	H
17565.62	-44.24	3.30	12.80	-34.74	-25.00	H
17825.00	-43.75	3.60	12.80	-34.55	-25.00	H

**LTE Band CA\_38C, 20MHz+20MHz, 16QAM, Channel 37901+38099**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16921.88	-47.97	2.90	16.50	-34.37	-25.00	H
17183.75	-46.12	2.90	14.50	-34.52	-25.00	H
17298.12	-45.25	3.20	14.50	-33.95	-25.00	H
17500.62	-44.15	2.90	12.80	-34.25	-25.00	H
17612.50	-44.19	3.30	12.80	-34.69	-25.00	H
17820.62	-43.39	3.60	12.80	-34.19	-25.00	H

**LTE Band CA\_38C, 20MHz+20MHz, 16QAM, Channel 37952+38150**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16992.50	-48.15	2.90	16.50	-34.55	-25.00	H
17120.00	-45.95	2.90	14.50	-34.35	-25.00	H
17369.38	-45.86	3.20	14.50	-34.56	-25.00	H
17433.12	-46.20	2.90	14.50	-34.60	-25.00	H
17617.50	-43.51	3.30	12.80	-34.01	-25.00	H
17823.75	-43.71	3.60	12.80	-34.51	-25.00	H



**LTE Band CA\_38C, 20MHz+20MHz, 64QAM, Channel 37850+38048**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16983.12	-48.07	2.90	16.50	-34.47	-25.00	H
17115.62	-46.07	2.90	14.50	-34.47	-25.00	H
17293.12	-46.02	3.20	14.50	-34.72	-25.00	H
17485.00	-46.41	2.90	14.50	-34.81	-25.00	H
17578.75	-43.76	3.30	12.80	-34.26	-25.00	H
17771.88	-43.39	3.60	12.80	-34.19	-25.00	H

**LTE Band CA\_38C, 20MHz+20MHz, 64QAM, Channel 37901+38099**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16965.00	-48.11	2.90	16.50	-34.51	-25.00	H
17121.25	-46.26	2.90	14.50	-34.66	-25.00	H
17351.88	-45.83	3.20	14.50	-34.53	-25.00	H
17433.12	-46.25	2.90	14.50	-34.65	-25.00	H
17555.62	-43.75	2.90	12.80	-33.85	-25.00	H
17780.62	-43.18	3.60	12.80	-33.98	-25.00	H

**LTE Band CA\_38C, 20MHz+20MHz, 64QAM, Channel 37952+38150**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16971.88	-48.84	2.90	16.50	-35.24	-25.00	H
17116.88	-46.45	2.90	14.50	-34.85	-25.00	H
17281.88	-45.72	3.20	14.50	-34.42	-25.00	H
17445.62	-45.93	2.90	14.50	-34.33	-25.00	H
17527.50	-44.12	2.90	12.80	-34.22	-25.00	H
17772.50	-43.45	3.60	12.80	-34.25	-25.00	H

**LTE Band CA\_41C, 20MHz+20MHz, QPSK, Channel 39750+39948**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16933.12	-49.10	2.90	16.50	-35.50	-25.00	H
17213.12	-45.77	2.90	14.50	-34.17	-25.00	H
17272.50	-45.54	3.20	14.50	-34.24	-25.00	H
17443.12	-45.79	2.90	14.50	-34.19	-25.00	H
17607.50	-43.79	3.30	12.80	-34.29	-25.00	H
17707.50	-43.81	3.30	12.80	-34.31	-25.00	H

**LTE Band CA\_41C, 20MHz+20MHz, QPSK, Channel 40521+40719**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
17003.12	-47.16	2.90	14.50	-35.56	-25.00	H
17092.50	-46.59	2.90	14.50	-34.99	-25.00	H
17281.25	-46.77	3.20	14.50	-35.47	-25.00	H
17400.62	-45.83	2.90	14.50	-34.23	-25.00	H
17628.75	-44.22	3.30	12.80	-34.72	-25.00	H
17696.88	-44.21	3.30	12.80	-34.71	-25.00	H

**LTE Band CA\_41C, 20MHz+20MHz, QPSK, Channel 41292+41490**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16886.25	-48.50	2.90	16.50	-34.90	-25.00	H
16947.50	-49.03	2.90	16.50	-35.43	-25.00	H
17270.62	-46.11	3.20	14.50	-34.81	-25.00	H
17516.88	-44.36	2.90	12.80	-34.46	-25.00	H
17621.88	-43.50	3.30	12.80	-34.00	-25.00	H
17835.62	-43.15	3.60	12.80	-33.95	-25.00	H

**LTE Band CA\_41C, 20MHz+20MHz, 16QAM, Channel 39750+39948**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16983.12	-48.16	2.90	16.50	-34.56	-25.00	H
17115.62	-46.89	2.90	14.50	-35.29	-25.00	H
17265.62	-46.00	3.20	14.50	-34.70	-25.00	H
17444.38	-46.21	2.90	14.50	-34.61	-25.00	H
17526.88	-44.20	2.90	12.80	-34.30	-25.00	H
17823.75	-43.88	3.60	12.80	-34.68	-25.00	H

**LTE Band CA\_41C, 20MHz+20MHz, 16QAM, Channel 40521+40719**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16983.12	-48.80	2.90	16.50	-35.20	-25.00	H
17190.00	-46.79	2.90	14.50	-35.19	-25.00	H
17226.25	-45.71	3.20	14.50	-34.41	-25.00	H
17516.88	-44.22	2.90	12.80	-34.32	-25.00	H
17557.50	-44.50	2.90	12.80	-34.60	-25.00	H
17831.88	-44.06	3.60	12.80	-34.86	-25.00	H

**LTE Band CA\_41C, 20MHz+20MHz, 16QAM, Channel 41292+41490**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16983.12	-48.91	2.90	16.50	-35.31	-25.00	H
17209.38	-46.65	2.90	14.50	-35.05	-25.00	H
17296.88	-45.74	3.20	14.50	-34.44	-25.00	H
17506.25	-44.49	2.90	12.80	-34.59	-25.00	H
17597.50	-44.19	3.30	12.80	-34.69	-25.00	H
17756.25	-43.62	3.60	12.80	-34.42	-25.00	H

**LTE Band CA\_41C, 20MHz+20MHz, 64QAM, Channel 39750+39948**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
17003.75	-47.05	2.90	14.50	-35.45	-25.00	H
17184.38	-45.72	2.90	14.50	-34.12	-25.00	H
17345.00	-45.62	3.20	14.50	-34.32	-25.00	H
17407.50	-45.99	2.90	14.50	-34.39	-25.00	H
17601.25	-44.10	3.30	12.80	-34.60	-25.00	H
17807.50	-43.93	3.60	12.80	-34.73	-25.00	H

**LTE Band CA\_41C, 20MHz+20MHz, 64QAM, Channel 40521+40719**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16951.25	-48.80	2.90	16.50	-35.20	-25.00	H
17187.50	-46.60	2.90	14.50	-35.00	-25.00	H
17363.75	-46.04	3.20	14.50	-34.74	-25.00	H
17469.38	-46.00	2.90	14.50	-34.40	-25.00	H
17619.38	-44.32	3.30	12.80	-34.82	-25.00	H
17815.62	-44.05	3.60	12.80	-34.85	-25.00	H

**LTE Band CA\_41C, 20MHz+20MHz, 64QAM, Channel 41292+41490**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16957.50	-48.74	2.90	16.50	-35.14	-25.00	H
17124.38	-45.90	2.90	14.50	-34.30	-25.00	H
17320.62	-45.48	3.20	14.50	-34.18	-25.00	H
17507.50	-44.71	2.90	12.80	-34.81	-25.00	H
17600.62	-43.48	3.30	12.80	-33.98	-25.00	H
17778.75	-43.42	3.60	12.80	-34.22	-25.00	H

Note: The maximum value of expanded measurement uncertainty for this test item is

$$U = 2.87\text{dB}(30\text{MHz}-3\text{GHz})/3.35\text{dB}(3\text{GHz}-18\text{GHz})/2.68\text{dB}(18\text{GHz}-40\text{GHz}), k = 2$$

**Antenna Down****LTE Band 2, 1.4MHz, QPSK, Channel 18607**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16941.88	-43.89	2.90	16.50	-30.29	-13.00	H
17201.25	-42.50	2.90	14.50	-30.90	-13.00	H
17290.62	-42.36	3.20	14.50	-31.06	-13.00	H
17480.00	-40.92	2.90	14.50	-29.32	-13.00	H
17626.88	-39.03	3.30	12.80	-29.53	-13.00	H
17801.88	-39.24	3.60	12.80	-30.04	-13.00	H

**LTE Band 2, 1.4MHz, QPSK, Channel 18900**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16999.38	-43.45	2.90	16.50	-29.85	-13.00	H
17203.75	-42.79	2.90	14.50	-31.19	-13.00	H
17286.88	-42.24	3.20	14.50	-30.94	-13.00	H
17519.38	-39.05	2.90	12.80	-29.15	-13.00	H
17618.12	-39.05	3.30	12.80	-29.55	-13.00	H
17801.88	-38.69	3.60	12.80	-29.49	-13.00	H

**LTE Band 2, 1.4MHz, QPSK, Channel 19193**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16945.62	-45.01	2.90	16.50	-31.41	-13.00	H
17121.88	-43.88	2.90	14.50	-32.28	-13.00	H
17226.25	-43.39	3.20	14.50	-32.09	-13.00	H
17455.62	-41.46	2.90	14.50	-29.86	-13.00	H
17644.38	-39.64	3.30	12.80	-30.14	-13.00	H
17818.75	-38.86	3.60	12.80	-29.66	-13.00	H

**LTE Band 2, 1.4MHz, 16QAM, Channel 18607**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16949.38	-45.85	2.90	16.50	-32.25	-13.00	H
17100.62	-44.16	2.90	14.50	-32.56	-13.00	H
17293.75	-43.50	3.20	14.50	-32.20	-13.00	H
17459.38	-41.70	2.90	14.50	-30.10	-13.00	H
17590.62	-39.85	3.30	12.80	-30.35	-13.00	H
17802.50	-40.27	3.60	12.80	-31.07	-13.00	H

**LTE Band 2, 1.4MHz, 16QAM, Channel 18900**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16933.75	-45.91	2.90	16.50	-32.31	-13.00	H
17097.50	-44.07	2.90	14.50	-32.47	-13.00	H
17366.25	-43.65	3.20	14.50	-32.35	-13.00	H
17515.00	-40.23	2.90	12.80	-30.33	-13.00	H
17582.50	-40.22	3.30	12.80	-30.72	-13.00	H
17766.25	-40.56	3.60	12.80	-31.36	-13.00	H

**LTE Band 2, 1.4MHz, 16QAM, Channel 19193**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16938.12	-44.96	2.90	16.50	-31.36	-13.00	H
17118.12	-44.32	2.90	14.50	-32.72	-13.00	H
17221.25	-43.88	3.20	14.50	-32.58	-13.00	H
17523.12	-39.71	2.90	12.80	-29.81	-13.00	H
17545.62	-39.41	2.90	12.80	-29.51	-13.00	H
17775.00	-39.31	3.60	12.80	-30.11	-13.00	H

**LTE Band 2, 1.4MHz, 64QAM, Channel 18607**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
17005.00	-43.46	2.90	14.50	-31.86	-13.00	H
17161.88	-44.01	2.90	14.50	-32.41	-13.00	H
17256.88	-43.77	3.20	14.50	-32.47	-13.00	H
17463.12	-41.97	2.90	14.50	-30.37	-13.00	H
17571.25	-40.11	3.30	12.80	-30.61	-13.00	H
17837.50	-40.23	3.60	12.80	-31.03	-13.00	H

**LTE Band 2, 1.4MHz, 64QAM, Channel 18900**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16951.88	-45.41	2.90	16.50	-31.81	-13.00	H
17358.12	-42.84	3.20	14.50	-31.54	-13.00	H
17504.38	-40.63	2.90	12.80	-30.73	-13.00	H
17588.12	-40.36	3.30	12.80	-30.86	-13.00	H
17835.62	-40.50	3.60	12.80	-31.30	-13.00	H
17986.25	-38.07	3.20	12.80	-28.47	-13.00	H

**LTE Band 2, 1.4MHz, 64QAM, Channel 19193**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16936.25	-44.86	2.90	16.50	-31.26	-13.00	H
17209.38	-43.48	2.90	14.50	-31.88	-13.00	H
17291.88	-43.43	3.20	14.50	-32.13	-13.00	H
17456.88	-42.74	2.90	14.50	-31.14	-13.00	H
17620.00	-40.52	3.30	12.80	-31.02	-13.00	H
17819.38	-40.74	3.60	12.80	-31.54	-13.00	H

**LTE Band 4, 1.4MHz, QPSK, Channel 19957**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16952.50	-45.27	2.90	16.50	-31.67	-13.00	H
17176.25	-44.25	2.90	14.50	-32.65	-13.00	H
17254.38	-43.92	3.20	14.50	-32.62	-13.00	H
17451.25	-41.56	2.90	14.50	-29.96	-13.00	H
17596.88	-40.19	3.30	12.80	-30.69	-13.00	H
17839.38	-40.40	3.60	12.80	-31.20	-13.00	H

**LTE Band 4, 1.4MHz, QPSK, Channel 20175**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16985.00	-45.48	2.90	16.50	-31.88	-13.00	H
17165.00	-43.51	2.90	14.50	-31.91	-13.00	H
17281.88	-43.20	3.20	14.50	-31.90	-13.00	H
17521.88	-40.17	2.90	12.80	-30.27	-13.00	H
17570.00	-39.84	3.30	12.80	-30.34	-13.00	H
17797.50	-40.39	3.60	12.80	-31.19	-13.00	H

**LTE Band 4, 1.4MHz, QPSK, Channel 20393**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
17005.00	-42.25	2.90	14.50	-30.65	-13.00	H
17195.62	-44.00	2.90	14.50	-32.40	-13.00	H
17216.25	-43.09	3.20	14.50	-31.79	-13.00	H
17466.25	-42.46	2.90	14.50	-30.86	-13.00	H
17618.75	-38.95	3.30	12.80	-29.45	-13.00	H
17838.75	-41.05	3.60	12.80	-31.85	-13.00	H



**LTE Band 4, 1.4MHz, 16QAM, Channel 19957**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16937.50	-45.48	2.90	16.50	-31.88	-13.00	H
17210.62	-44.02	2.90	14.50	-32.42	-13.00	H
17301.25	-43.66	3.20	14.50	-32.36	-13.00	H
17521.25	-40.75	2.90	12.80	-30.85	-13.00	H
17626.25	-40.28	3.30	12.80	-30.78	-13.00	H
17836.88	-40.59	3.60	12.80	-31.39	-13.00	H

**LTE Band 4, 1.4MHz, 16QAM, Channel 20175**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16985.00	-45.04	2.90	16.50	-31.44	-13.00	H
17137.50	-44.25	2.90	14.50	-32.65	-13.00	H
17360.00	-43.76	3.20	14.50	-32.46	-13.00	H
17506.25	-39.94	2.90	12.80	-30.04	-13.00	H
17597.50	-40.16	3.30	12.80	-30.66	-13.00	H
17772.50	-40.23	3.60	12.80	-31.03	-13.00	H

**LTE Band 4, 1.4MHz, 16QAM, Channel 20393**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16978.12	-45.64	2.90	16.50	-32.04	-13.00	H
17157.50	-43.54	2.90	14.50	-31.94	-13.00	H
17276.25	-43.73	3.20	14.50	-32.43	-13.00	H
17520.00	-39.97	2.90	12.80	-30.07	-13.00	H
17594.38	-40.34	3.30	12.80	-30.84	-13.00	H
17811.88	-41.02	3.60	12.80	-31.82	-13.00	H

**LTE Band 4, 1.4MHz, 64QAM, Channel 19957**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16930.62	-45.79	2.90	16.50	-32.19	-13.00	H
17213.75	-44.34	2.90	14.50	-32.74	-13.00	H
17259.38	-43.89	3.20	14.50	-32.59	-13.00	H
17496.88	-41.57	2.90	14.50	-29.97	-13.00	H
17582.50	-40.04	3.30	12.80	-30.54	-13.00	H
17765.00	-40.01	3.60	12.80	-30.81	-13.00	H

**LTE Band 4, 1.4MHz, 64QAM, Channel 20175**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16929.38	-45.88	2.90	16.50	-32.28	-13.00	H
17071.88	-44.38	2.90	14.50	-32.78	-13.00	H
17281.88	-43.04	3.20	14.50	-31.74	-13.00	H
17496.25	-42.72	2.90	14.50	-31.12	-13.00	H
17525.62	-40.72	2.90	12.80	-30.82	-13.00	H
17823.75	-40.93	3.60	12.80	-31.73	-13.00	H

**LTE Band 4, 1.4MHz, 64QAM, Channel 20393**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16971.88	-45.19	2.90	16.50	-31.59	-13.00	H
17178.12	-44.82	2.90	14.50	-33.22	-13.00	H
17226.88	-42.81	3.20	14.50	-31.51	-13.00	H
17420.00	-42.71	2.90	14.50	-31.11	-13.00	H
17614.38	-40.64	3.30	12.80	-31.14	-13.00	H
17835.62	-40.23	3.60	12.80	-31.03	-13.00	H

**LTE Band 5, 1.4MHz, QPSK, Channel 20407**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8421.38	-52.23	1.80	11.30	-42.73	-13.00	H
9100.88	-51.27	2.20	11.60	-41.87	-13.00	H
9295.50	-50.14	2.00	11.60	-40.54	-13.00	H
9422.75	-50.99	2.10	11.60	-41.49	-13.00	H
9755.62	-50.93	2.20	11.20	-41.93	-13.00	H
9791.88	-51.74	2.30	11.20	-42.84	-13.00	H

**LTE Band 5, 1.4MHz, QPSK, Channel 20525**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8411.62	-52.01	1.80	11.30	-42.51	-13.00	V
9098.12	-51.37	2.20	11.60	-41.97	-13.00	H
9295.62	-51.03	2.00	11.60	-41.43	-13.00	H
9474.62	-51.28	2.10	11.60	-41.78	-13.00	V
9738.38	-51.25	2.20	11.20	-42.25	-13.00	H
9801.88	-50.94	2.30	11.20	-42.04	-13.00	H

**LTE Band 5, 1.4MHz, QPSK, Channel 20643**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7199.25	-53.10	1.80	12.00	-42.90	-13.00	V
9100.62	-51.45	2.20	11.60	-42.05	-13.00	H
9298.88	-50.68	2.00	11.60	-41.08	-13.00	H
9475.25	-50.40	2.10	11.60	-40.90	-13.00	V
9725.62	-50.71	2.20	11.20	-41.71	-13.00	H
9785.38	-51.41	2.30	11.20	-42.51	-13.00	H

**LTE Band 5, 1.4MHz, 16QAM, Channel 20407**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7323.00	-52.75	1.70	12.00	-42.45	-13.00	H
9098.38	-51.86	2.20	11.60	-42.46	-13.00	H
9297.50	-50.71	2.00	11.60	-41.11	-13.00	H
9475.25	-50.95	2.10	11.60	-41.45	-13.00	V
9754.25	-50.79	2.20	11.20	-41.79	-13.00	H
9793.12	-51.01	2.30	11.20	-42.11	-13.00	H

**LTE Band 5, 1.4MHz, 16QAM, Channel 20525**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8745.00	-52.77	2.00	12.00	-42.77	-13.00	H
9099.38	-51.24	2.20	11.60	-41.84	-13.00	H
9220.62	-50.72	2.10	11.60	-41.22	-13.00	H
9471.12	-51.43	2.10	11.60	-41.93	-13.00	V
9726.62	-50.77	2.20	11.20	-41.77	-13.00	H
9800.38	-51.50	2.30	11.20	-42.60	-13.00	H

**LTE Band 5, 1.4MHz, 16QAM, Channel 20643**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8472.00	-52.42	1.80	11.30	-42.92	-13.00	V
9093.62	-51.63	2.20	11.60	-42.23	-13.00	H
9227.50	-50.09	2.10	11.60	-40.59	-13.00	H
9428.88	-50.77	2.10	11.60	-41.27	-13.00	H
9730.88	-51.39	2.20	11.20	-42.39	-13.00	H
9797.50	-51.31	2.30	11.20	-42.41	-13.00	H

**LTE Band 5, 1.4MHz, 64QAM, Channel 20407**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8421.75	-52.25	1.80	11.30	-42.75	-13.00	H
9101.88	-50.85	2.20	11.60	-41.45	-13.00	H
9307.25	-50.71	2.00	11.60	-41.11	-13.00	H
9476.12	-50.90	2.10	11.60	-41.40	-13.00	V
9739.38	-51.25	2.20	11.20	-42.25	-13.00	H
9796.25	-51.08	2.30	11.20	-42.18	-13.00	H

**LTE Band 5, 1.4MHz, 64QAM, Channel 20525**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8463.75	-52.45	1.80	11.30	-42.95	-13.00	H
9106.00	-51.74	2.20	11.60	-42.34	-13.00	H
9300.88	-51.05	2.00	11.60	-41.45	-13.00	H
9480.00	-51.18	2.10	11.60	-41.68	-13.00	V
9733.50	-50.84	2.20	11.20	-41.84	-13.00	H
9801.12	-51.66	2.30	11.20	-42.76	-13.00	H

**LTE Band 5, 1.4MHz, 64QAM, Channel 20643**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8475.00	-52.11	1.80	11.30	-42.61	-13.00	H
9098.12	-51.39	2.20	11.60	-41.99	-13.00	H
9305.25	-50.86	2.00	11.60	-41.26	-13.00	H
9472.75	-51.08	2.10	11.60	-41.58	-13.00	V
9732.38	-50.03	2.20	11.20	-41.03	-13.00	H
9797.12	-50.86	2.30	11.20	-41.96	-13.00	H

**LTE Band 7, 5MHz, QPSK, Channel 20775**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16970.00	-48.39	2.90	16.50	-34.79	-25.00	H
17126.25	-46.32	2.90	14.50	-34.72	-25.00	H
17300.62	-45.51	3.20	14.50	-34.21	-25.00	H
17515.62	-44.54	2.90	12.80	-34.64	-25.00	H
17595.62	-44.21	3.30	12.80	-34.71	-25.00	H
17835.62	-43.44	3.60	12.80	-34.24	-25.00	H

**LTE Band 7, 5MHz, QPSK, Channel 21100**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16990.00	-48.47	2.90	16.50	-34.87	-25.00	H
17177.50	-45.51	2.90	14.50	-33.91	-25.00	H
17286.88	-45.41	3.20	14.50	-34.11	-25.00	H
17506.88	-44.59	2.90	12.80	-34.69	-25.00	H
17598.75	-43.95	3.30	12.80	-34.45	-25.00	H
17773.75	-43.96	3.60	12.80	-34.76	-25.00	H

**LTE Band 7, 5MHz, QPSK, Channel 21425**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16948.75	-48.24	2.90	16.50	-34.64	-25.00	H
17117.50	-45.70	2.90	14.50	-34.10	-25.00	H
17299.38	-46.00	3.20	14.50	-34.70	-25.00	H
17461.25	-46.01	2.90	14.50	-34.41	-25.00	H
17626.88	-44.05	3.30	12.80	-34.55	-25.00	H
17827.50	-43.31	3.60	12.80	-34.11	-25.00	H

**LTE Band 7, 5MHz, 16QAM, Channel 20775**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16981.88	-47.83	2.90	16.50	-34.23	-25.00	H
17119.38	-46.29	2.90	14.50	-34.69	-25.00	H
17360.00	-45.38	3.20	14.50	-34.08	-25.00	H
17462.50	-45.52	2.90	14.50	-33.92	-25.00	H
17590.00	-44.12	3.30	12.80	-34.62	-25.00	H
17771.25	-43.91	3.60	12.80	-34.71	-25.00	H

**LTE Band 7, 5MHz, 16QAM, Channel 21100**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16972.50	-48.22	2.90	16.50	-34.62	-25.00	H
17117.50	-46.33	2.90	14.50	-34.73	-25.00	H
17295.62	-45.31	3.20	14.50	-34.01	-25.00	H
17408.12	-46.12	2.90	14.50	-34.52	-25.00	H
17613.75	-43.99	3.30	12.80	-34.49	-25.00	H
17776.25	-43.85	3.60	12.80	-34.65	-25.00	H

**LTE Band 7, 5MHz, 16QAM, Channel 21425**

Frequency(MHz)	P <sub>Mea</sub> (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16977.50	-47.98	2.90	16.50	-34.38	-25.00	H
17122.50	-45.52	2.90	14.50	-33.92	-25.00	H
17234.38	-45.35	3.20	14.50	-34.05	-25.00	H
17411.88	-45.63	2.90	14.50	-34.03	-25.00	H
17573.75	-43.98	3.30	12.80	-34.48	-25.00	H
17820.00	-43.89	3.60	12.80	-34.69	-25.00	H