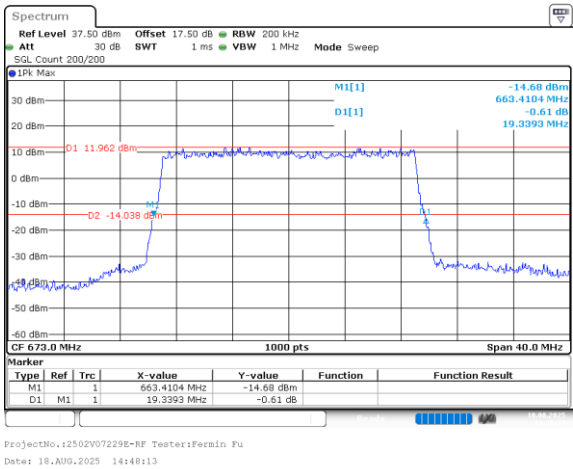
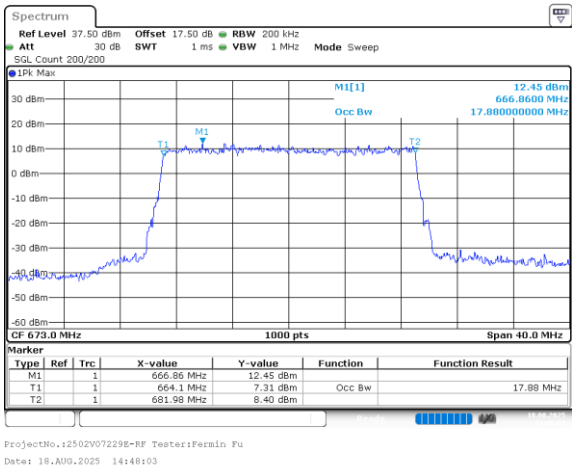


20MHz_Low_QPSK_100@0

Occupied Bandwidth

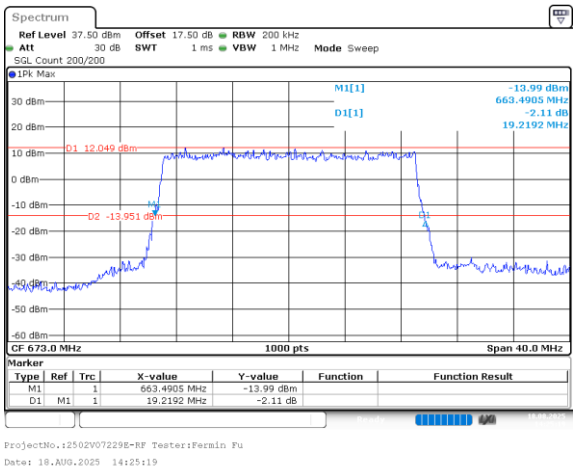
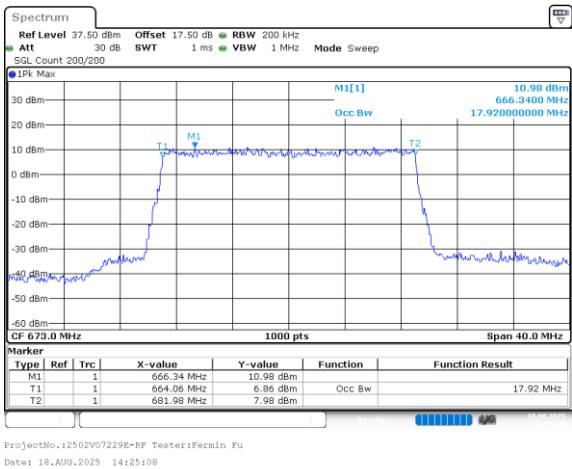
26dB Bandwidth



20MHz_Low_16QAM_100@0

Occupied Bandwidth

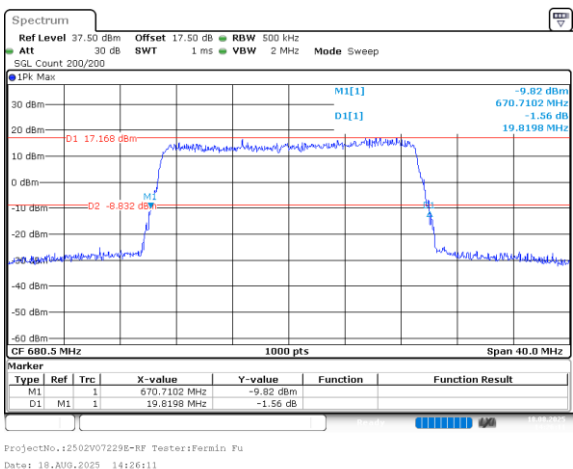
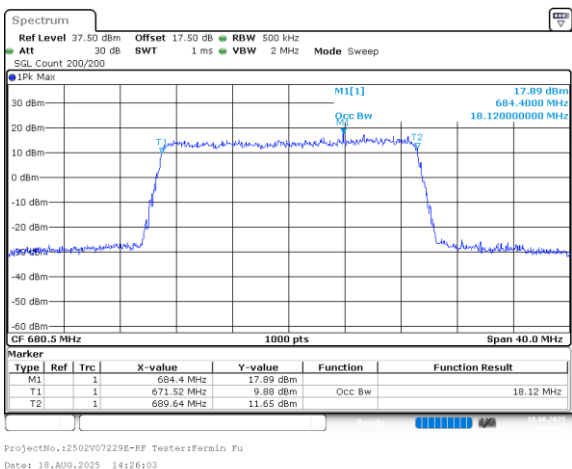
26dB Bandwidth



20MHz_Middle_QPSK_100@0

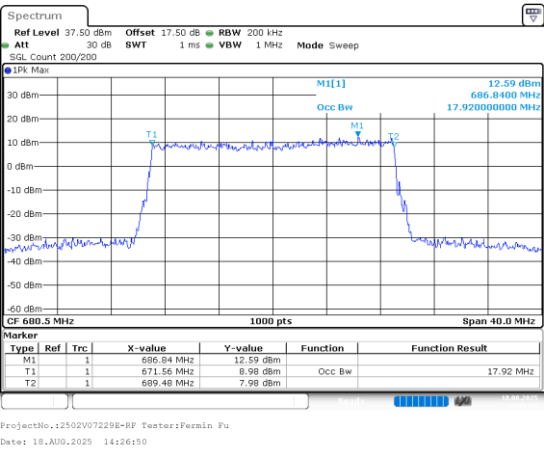
Occupied Bandwidth

26dB Bandwidth

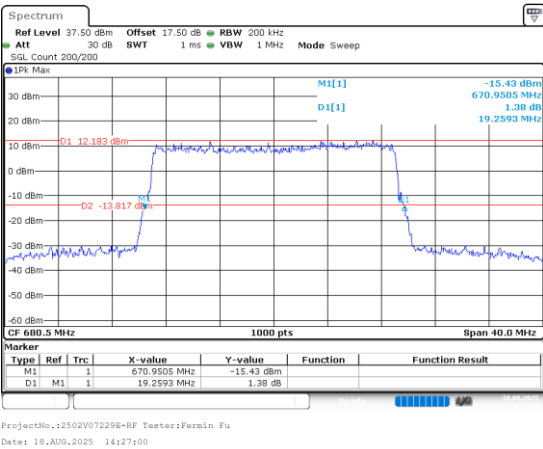


20MHz_Middle_16QAM_100@0

Occupied Bandwidth

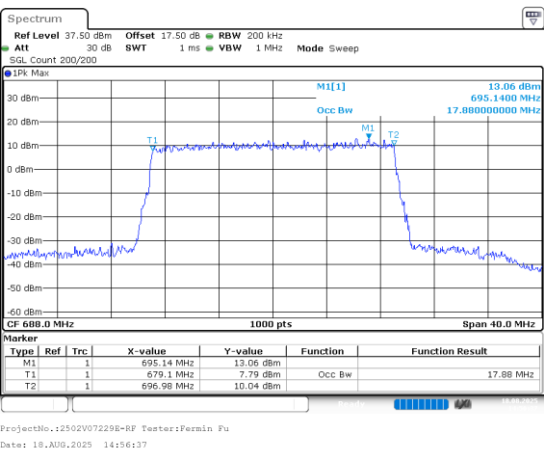


26dB Bandwidth

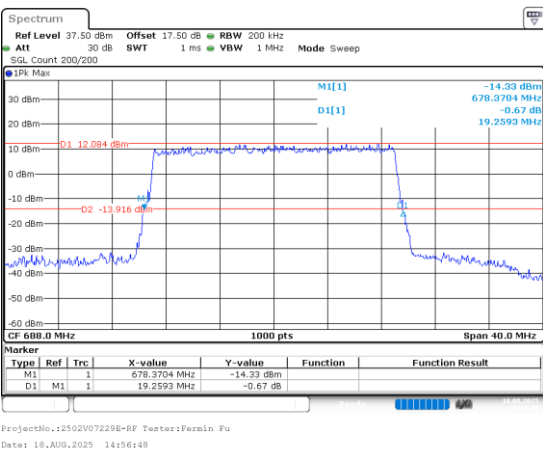


20MHz_High_QPSK_100@0

Occupied Bandwidth

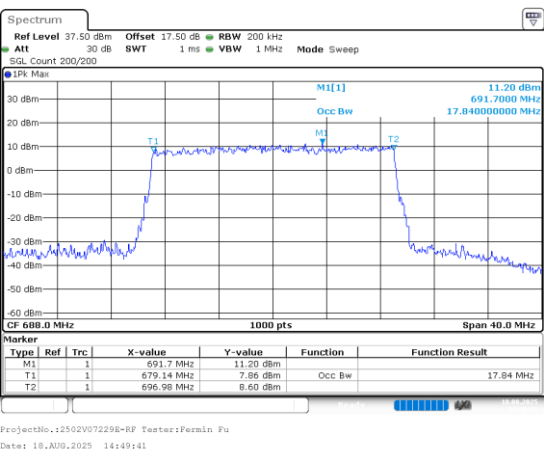


26dB Bandwidth

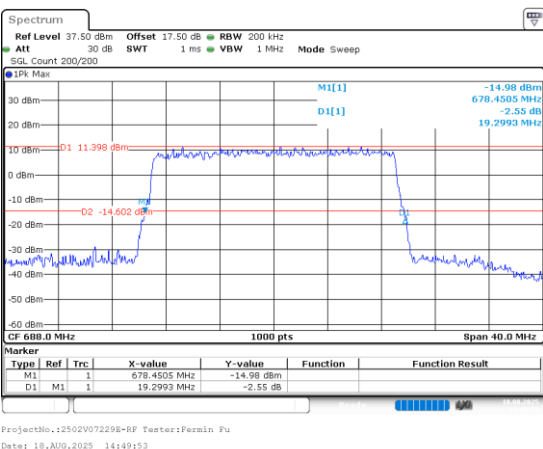


20MHz_High_16QAM_100@0

Occupied Bandwidth



26dB Bandwidth



RF Output Power

FCC Part 22H&IC RSS 132

LTE Band 5, Normal

Mode	Conducted Power(dBm)	ERP (dBm)	ERP (W)	FCC Limit (W)	IC Limit (W)	Verdict
1.4MHz_Low_QPSK_1@0	22.69	16.43	0.044	7	3	Pass
1.4MHz_Low_QPSK_1@3	22.58	16.32	0.043	7	3	Pass
1.4MHz_Low_QPSK_1@5	22.59	16.33	0.043	7	3	Pass
1.4MHz_Low_QPSK_3@0	22.54	16.28	0.042	7	3	Pass
1.4MHz_Low_QPSK_3@1	22.53	16.27	0.042	7	3	Pass
1.4MHz_Low_QPSK_3@3	22.54	16.28	0.042	7	3	Pass
1.4MHz_Low_QPSK_6@0	21.31	15.05	0.032	7	3	Pass
1.4MHz_Low_16QAM_1@0	22.19	15.93	0.039	7	3	Pass
1.4MHz_Low_16QAM_1@3	22.22	15.96	0.039	7	3	Pass
1.4MHz_Low_16QAM_1@5	22.18	15.92	0.039	7	3	Pass
1.4MHz_Low_16QAM_3@0	21.52	15.26	0.034	7	3	Pass
1.4MHz_Low_16QAM_3@1	21.51	15.25	0.033	7	3	Pass
1.4MHz_Low_16QAM_3@3	21.56	15.30	0.034	7	3	Pass
1.4MHz_Low_16QAM_6@0	20.50	14.24	0.027	7	3	Pass
1.4MHz_Middle_QPSK_1@0	22.76	16.50	0.045	7	3	Pass
1.4MHz_Middle_QPSK_1@3	22.63	16.37	0.043	7	3	Pass
1.4MHz_Middle_QPSK_1@5	22.65	16.39	0.044	7	3	Pass
1.4MHz_Middle_QPSK_3@0	22.52	16.26	0.042	7	3	Pass
1.4MHz_Middle_QPSK_3@1	22.57	16.31	0.043	7	3	Pass
1.4MHz_Middle_QPSK_3@3	22.59	16.33	0.043	7	3	Pass
1.4MHz_Middle_QPSK_6@0	21.52	15.26	0.034	7	3	Pass
1.4MHz_Middle_16QAM_1@0	22.25	15.99	0.040	7	3	Pass
1.4MHz_Middle_16QAM_1@3	22.34	16.08	0.041	7	3	Pass
1.4MHz_Middle_16QAM_1@5	22.31	16.05	0.040	7	3	Pass
1.4MHz_Middle_16QAM_3@0	21.91	15.65	0.037	7	3	Pass
1.4MHz_Middle_16QAM_3@1	21.96	15.70	0.037	7	3	Pass
1.4MHz_Middle_16QAM_3@3	21.88	15.62	0.036	7	3	Pass
1.4MHz_Middle_16QAM_6@0	20.85	14.59	0.029	7	3	Pass
1.4MHz_High_QPSK_1@0	22.48	16.22	0.042	7	3	Pass
1.4MHz_High_QPSK_1@3	22.46	16.20	0.042	7	3	Pass
1.4MHz_High_QPSK_1@5	22.49	16.23	0.042	7	3	Pass
1.4MHz_High_QPSK_3@0	22.52	16.26	0.042	7	3	Pass
1.4MHz_High_QPSK_3@1	22.45	16.19	0.042	7	3	Pass
1.4MHz_High_QPSK_3@3	22.43	16.17	0.041	7	3	Pass
1.4MHz_High_QPSK_6@0	21.41	15.15	0.033	7	3	Pass
1.4MHz_High_16QAM_1@0	23.03	16.77	0.048	7	3	Pass
1.4MHz_High_16QAM_1@3	22.95	16.69	0.047	7	3	Pass
1.4MHz_High_16QAM_1@5	22.93	16.67	0.046	7	3	Pass
1.4MHz_High_16QAM_3@0	21.91	15.65	0.037	7	3	Pass
1.4MHz_High_16QAM_3@1	21.84	15.58	0.036	7	3	Pass
1.4MHz_High_16QAM_3@3	21.77	15.51	0.036	7	3	Pass
1.4MHz_High_16QAM_6@0	21.09	14.83	0.030	7	3	Pass
3MHz_Low_QPSK_1@0	22.69	16.43	0.044	7	3	Pass
3MHz_Low_QPSK_1@8	22.58	16.32	0.043	7	3	Pass
3MHz_Low_QPSK_1@14	22.60	16.34	0.043	7	3	Pass
3MHz_Low_QPSK_8@0	21.42	15.16	0.033	7	3	Pass
3MHz_Low_QPSK_8@4	21.42	15.16	0.033	7	3	Pass
3MHz_Low_QPSK_8@7	21.56	15.30	0.034	7	3	Pass
3MHz_Low_QPSK_15@0	21.37	15.11	0.032	7	3	Pass
3MHz_Low_16QAM_1@0	22.23	15.97	0.040	7	3	Pass
3MHz_Low_16QAM_1@8	22.15	15.89	0.039	7	3	Pass
3MHz_Low_16QAM_1@14	22.24	15.98	0.040	7	3	Pass

Mode	Conducted Power(dBm)	ERP (dBm)	ERP (W)	FCC Limit (W)	IC Limit (W)	Verdict
3MHz_Low_16QAM_8@0	20.67	14.41	0.028	7	3	Pass
3MHz_Low_16QAM_8@4	20.65	14.39	0.027	7	3	Pass
3MHz_Low_16QAM_8@7	20.73	14.47	0.028	7	3	Pass
3MHz_Low_16QAM_15@0	20.63	14.37	0.027	7	3	Pass
3MHz_Middle_QPSK_1@0	22.65	16.39	0.044	7	3	Pass
3MHz_Middle_QPSK_1@8	22.63	16.37	0.043	7	3	Pass
3MHz_Middle_QPSK_1@14	22.73	16.47	0.044	7	3	Pass
3MHz_Middle_QPSK_8@0	21.57	15.31	0.034	7	3	Pass
3MHz_Middle_QPSK_8@4	21.48	15.22	0.033	7	3	Pass
3MHz_Middle_QPSK_8@7	21.48	15.22	0.033	7	3	Pass
3MHz_Middle_QPSK_15@0	21.56	15.30	0.034	7	3	Pass
3MHz_Middle_16QAM_1@0	22.45	16.19	0.042	7	3	Pass
3MHz_Middle_16QAM_1@8	22.41	16.15	0.041	7	3	Pass
3MHz_Middle_16QAM_1@14	22.41	16.15	0.041	7	3	Pass
3MHz_Middle_16QAM_8@0	20.57	14.31	0.027	7	3	Pass
3MHz_Middle_16QAM_8@4	20.57	14.31	0.027	7	3	Pass
3MHz_Middle_16QAM_8@7	20.62	14.36	0.027	7	3	Pass
3MHz_Middle_16QAM_15@0	20.49	14.23	0.026	7	3	Pass
3MHz_High_QPSK_1@0	22.50	16.24	0.042	7	3	Pass
3MHz_High_QPSK_1@8	22.48	16.22	0.042	7	3	Pass
3MHz_High_QPSK_1@14	22.39	16.13	0.041	7	3	Pass
3MHz_High_QPSK_8@0	21.49	15.23	0.033	7	3	Pass
3MHz_High_QPSK_8@4	21.55	15.29	0.034	7	3	Pass
3MHz_High_QPSK_8@7	21.41	15.15	0.033	7	3	Pass
3MHz_High_QPSK_15@0	21.55	15.29	0.034	7	3	Pass
3MHz_High_16QAM_1@0	22.67	16.41	0.044	7	3	Pass
3MHz_High_16QAM_1@8	22.61	16.35	0.043	7	3	Pass
3MHz_High_16QAM_1@14	22.50	16.24	0.042	7	3	Pass
3MHz_High_16QAM_8@0	20.47	14.21	0.026	7	3	Pass
3MHz_High_16QAM_8@4	20.40	14.14	0.026	7	3	Pass
3MHz_High_16QAM_8@7	20.73	14.47	0.028	7	3	Pass
3MHz_High_16QAM_15@0	20.71	14.45	0.028	7	3	Pass
5MHz_Low_QPSK_1@0	22.71	16.45	0.044	7	3	Pass
5MHz_Low_QPSK_1@12	22.63	16.37	0.043	7	3	Pass
5MHz_Low_QPSK_1@24	22.61	16.35	0.043	7	3	Pass
5MHz_Low_QPSK_12@0	21.49	15.23	0.033	7	3	Pass
5MHz_Low_QPSK_12@7	21.60	15.34	0.034	7	3	Pass
5MHz_Low_QPSK_12@13	21.46	15.20	0.033	7	3	Pass
5MHz_Low_QPSK_25@0	21.54	15.28	0.034	7	3	Pass
5MHz_Low_16QAM_1@0	22.40	16.14	0.041	7	3	Pass
5MHz_Low_16QAM_1@12	22.44	16.18	0.041	7	3	Pass
5MHz_Low_16QAM_1@24	22.37	16.11	0.041	7	3	Pass
5MHz_Low_16QAM_12@0	20.60	14.34	0.027	7	3	Pass
5MHz_Low_16QAM_12@7	20.55	14.29	0.027	7	3	Pass
5MHz_Low_16QAM_12@13	20.55	14.29	0.027	7	3	Pass
5MHz_Low_16QAM_25@0	20.68	14.42	0.028	7	3	Pass
5MHz_Middle_QPSK_1@0	22.37	16.11	0.041	7	3	Pass
5MHz_Middle_QPSK_1@12	22.32	16.06	0.040	7	3	Pass
5MHz_Middle_QPSK_1@24	22.33	16.07	0.040	7	3	Pass
5MHz_Middle_QPSK_12@0	21.57	15.31	0.034	7	3	Pass
5MHz_Middle_QPSK_12@7	21.52	15.26	0.034	7	3	Pass
5MHz_Middle_QPSK_12@13	21.66	15.40	0.035	7	3	Pass
5MHz_Middle_QPSK_25@0	21.49	15.23	0.033	7	3	Pass
5MHz_Middle_16QAM_1@0	21.85	15.59	0.036	7	3	Pass
5MHz_Middle_16QAM_1@12	21.80	15.54	0.036	7	3	Pass
5MHz_Middle_16QAM_1@24	21.83	15.57	0.036	7	3	Pass

Mode	Conducted Power(dBm)	ERP (dBm)	ERP (W)	FCC Limit (W)	IC Limit (W)	Verdict
5MHz_Middle_16QAM_12@0	20.59	14.33	0.027	7	3	Pass
5MHz_Middle_16QAM_12@7	20.56	14.30	0.027	7	3	Pass
5MHz_Middle_16QAM_12@13	20.60	14.34	0.027	7	3	Pass
5MHz_Middle_16QAM_25@0	20.63	14.37	0.027	7	3	Pass
5MHz_High_QPSK_1@0	22.40	16.14	0.041	7	3	Pass
5MHz_High_QPSK_1@12	22.40	16.14	0.041	7	3	Pass
5MHz_High_QPSK_1@24	22.30	16.04	0.040	7	3	Pass
5MHz_High_QPSK_12@0	21.36	15.10	0.032	7	3	Pass
5MHz_High_QPSK_12@7	21.57	15.31	0.034	7	3	Pass
5MHz_High_QPSK_12@13	21.48	15.22	0.033	7	3	Pass
5MHz_High_QPSK_25@0	21.63	15.37	0.034	7	3	Pass
5MHz_High_16QAM_1@0	21.63	15.37	0.034	7	3	Pass
5MHz_High_16QAM_1@12	21.63	15.37	0.034	7	3	Pass
5MHz_High_16QAM_1@24	21.53	15.27	0.034	7	3	Pass
5MHz_High_16QAM_12@0	20.93	14.67	0.029	7	3	Pass
5MHz_High_16QAM_12@7	20.60	14.34	0.027	7	3	Pass
5MHz_High_16QAM_12@13	20.51	14.25	0.027	7	3	Pass
5MHz_High_16QAM_25@0	20.78	14.52	0.028	7	3	Pass
10MHz_Low_QPSK_1@0	22.76	16.50	0.045	7	3	Pass
10MHz_Low_QPSK_1@25	22.73	16.47	0.044	7	3	Pass
10MHz_Low_QPSK_1@49	22.74	16.48	0.044	7	3	Pass
10MHz_Low_QPSK_25@0	21.59	15.33	0.034	7	3	Pass
10MHz_Low_QPSK_25@12	21.55	15.29	0.034	7	3	Pass
10MHz_Low_QPSK_25@25	21.52	15.26	0.034	7	3	Pass
10MHz_Low_QPSK_50@0	21.69	15.43	0.035	7	3	Pass
10MHz_Low_16QAM_1@0	22.14	15.88	0.039	7	3	Pass
10MHz_Low_16QAM_1@25	22.18	15.92	0.039	7	3	Pass
10MHz_Low_16QAM_1@49	22.23	15.97	0.040	7	3	Pass
10MHz_Low_16QAM_25@0	20.69	14.43	0.028	7	3	Pass
10MHz_Low_16QAM_25@12	20.71	14.45	0.028	7	3	Pass
10MHz_Low_16QAM_25@25	21.07	14.81	0.030	7	3	Pass
10MHz_Low_16QAM_50@0	20.69	14.43	0.028	7	3	Pass
10MHz_Middle_QPSK_1@0	22.63	16.37	0.043	7	3	Pass
10MHz_Middle_QPSK_1@25	22.52	16.26	0.042	7	3	Pass
10MHz_Middle_QPSK_1@49	22.56	16.30	0.043	7	3	Pass
10MHz_Middle_QPSK_25@0	21.58	15.32	0.034	7	3	Pass
10MHz_Middle_QPSK_25@12	21.59	15.33	0.034	7	3	Pass
10MHz_Middle_QPSK_25@25	21.65	15.39	0.035	7	3	Pass
10MHz_Middle_QPSK_50@0	21.56	15.30	0.034	7	3	Pass
10MHz_Middle_16QAM_1@0	21.97	15.71	0.037	7	3	Pass
10MHz_Middle_16QAM_1@25	21.86	15.60	0.036	7	3	Pass
10MHz_Middle_16QAM_1@49	21.90	15.64	0.037	7	3	Pass
10MHz_Middle_16QAM_25@0	20.71	14.45	0.028	7	3	Pass
10MHz_Middle_16QAM_25@12	20.77	14.51	0.028	7	3	Pass
10MHz_Middle_16QAM_25@25	20.69	14.43	0.028	7	3	Pass
10MHz_Middle_16QAM_50@0	20.71	14.45	0.028	7	3	Pass
10MHz_High_QPSK_1@0	22.69	16.43	0.044	7	3	Pass
10MHz_High_QPSK_1@25	22.72	16.46	0.044	7	3	Pass
10MHz_High_QPSK_1@49	22.60	16.34	0.043	7	3	Pass
10MHz_High_QPSK_25@0	21.52	15.26	0.034	7	3	Pass
10MHz_High_QPSK_25@12	21.45	15.19	0.033	7	3	Pass
10MHz_High_QPSK_25@25	21.63	15.37	0.034	7	3	Pass
10MHz_High_QPSK_50@0	21.44	15.18	0.033	7	3	Pass
10MHz_High_16QAM_1@0	22.67	16.41	0.044	7	3	Pass
10MHz_High_16QAM_1@25	22.61	16.35	0.043	7	3	Pass
10MHz_High_16QAM_1@49	22.50	16.24	0.042	7	3	Pass

Mode	Conducted Power(dBm)	ERP (dBm)	ERP (W)	FCC Limit (W)	IC Limit (W)	Verdict
10MHz_High_16QAM_25@0	20.75	14.49	0.028	7	3	Pass
10MHz_High_16QAM_25@12	20.74	14.48	0.028	7	3	Pass
10MHz_High_16QAM_25@25	20.65	14.39	0.027	7	3	Pass
10MHz_High_16QAM_50@0	20.54	14.28	0.027	7	3	Pass

Note:

ERP = Conducted Power(dBm) + Antenna Gain(dBd) - Cable Loss(dB)

Antenna Gain(dBd) = Antenna Gain(dBi) - 2.15

1.Antenna Gain = -4.01dBi;

2.Cable Loss = 0.1dB.

FCC Part 24E&IC RSS 133

LTE Band 2, Normal

Mode	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
1.4MHz_Low_QPSK_1@0	21.31	20.81	0.121	2	Pass
1.4MHz_Low_QPSK_1@3	21.21	20.71	0.118	2	Pass
1.4MHz_Low_QPSK_1@5	21.26	20.76	0.119	2	Pass
1.4MHz_Low_QPSK_3@0	21.28	20.78	0.120	2	Pass
1.4MHz_Low_QPSK_3@1	21.36	20.86	0.122	2	Pass
1.4MHz_Low_QPSK_3@3	21.33	20.83	0.121	2	Pass
1.4MHz_Low_QPSK_6@0	20.38	19.88	0.097	2	Pass
1.4MHz_Low_16QAM_1@0	20.64	20.14	0.103	2	Pass
1.4MHz_Low_16QAM_1@3	20.71	20.21	0.105	2	Pass
1.4MHz_Low_16QAM_1@5	20.72	20.22	0.105	2	Pass
1.4MHz_Low_16QAM_3@0	20.18	19.68	0.093	2	Pass
1.4MHz_Low_16QAM_3@1	20.21	19.71	0.094	2	Pass
1.4MHz_Low_16QAM_3@3	20.20	19.70	0.093	2	Pass
1.4MHz_Low_16QAM_6@0	19.77	19.27	0.085	2	Pass
1.4MHz_Middle_QPSK_1@0	21.54	21.04	0.127	2	Pass
1.4MHz_Middle_QPSK_1@3	21.53	21.03	0.127	2	Pass
1.4MHz_Middle_QPSK_1@5	21.59	21.09	0.129	2	Pass
1.4MHz_Middle_QPSK_3@0	21.41	20.91	0.123	2	Pass
1.4MHz_Middle_QPSK_3@1	21.46	20.96	0.125	2	Pass
1.4MHz_Middle_QPSK_3@3	21.49	20.99	0.126	2	Pass
1.4MHz_Middle_QPSK_6@0	20.39	19.89	0.097	2	Pass
1.4MHz_Middle_16QAM_1@0	20.96	20.46	0.111	2	Pass
1.4MHz_Middle_16QAM_1@3	20.55	20.05	0.101	2	Pass
1.4MHz_Middle_16QAM_1@5	20.55	20.05	0.101	2	Pass
1.4MHz_Middle_16QAM_3@0	20.44	19.94	0.099	2	Pass
1.4MHz_Middle_16QAM_3@1	20.47	19.97	0.099	2	Pass
1.4MHz_Middle_16QAM_3@3	20.55	20.05	0.101	2	Pass
1.4MHz_Middle_16QAM_6@0	19.54	19.04	0.080	2	Pass
1.4MHz_High_QPSK_1@0	21.66	21.16	0.131	2	Pass
1.4MHz_High_QPSK_1@3	21.62	21.12	0.129	2	Pass
1.4MHz_High_QPSK_1@5	21.73	21.23	0.133	2	Pass
1.4MHz_High_QPSK_3@0	21.55	21.05	0.127	2	Pass
1.4MHz_High_QPSK_3@1	21.57	21.07	0.128	2	Pass
1.4MHz_High_QPSK_3@3	21.54	21.04	0.127	2	Pass
1.4MHz_High_QPSK_6@0	20.51	20.01	0.100	2	Pass
1.4MHz_High_16QAM_1@0	21.31	20.81	0.121	2	Pass
1.4MHz_High_16QAM_1@3	21.26	20.76	0.119	2	Pass
1.4MHz_High_16QAM_1@5	21.26	20.76	0.119	2	Pass
1.4MHz_High_16QAM_3@0	20.72	20.22	0.105	2	Pass
1.4MHz_High_16QAM_3@1	20.74	20.24	0.106	2	Pass

Mode	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
1.4MHz_High_16QAM_3@3	20.73	20.23	0.105	2	Pass
1.4MHz_High_16QAM_6@0	19.21	18.71	0.074	2	Pass
3MHz_Low_QPSK_1@0	21.47	20.97	0.125	2	Pass
3MHz_Low_QPSK_1@8	21.45	20.95	0.124	2	Pass
3MHz_Low_QPSK_1@14	21.55	21.05	0.127	2	Pass
3MHz_Low_QPSK_8@0	20.24	19.74	0.094	2	Pass
3MHz_Low_QPSK_8@4	20.35	19.85	0.097	2	Pass
3MHz_Low_QPSK_8@7	20.37	19.87	0.097	2	Pass
3MHz_Low_QPSK_15@0	20.36	19.86	0.097	2	Pass
3MHz_Low_16QAM_1@0	21.75	21.25	0.133	2	Pass
3MHz_Low_16QAM_1@8	21.78	21.28	0.134	2	Pass
3MHz_Low_16QAM_1@14	21.75	21.25	0.133	2	Pass
3MHz_Low_16QAM_8@0	20.04	19.54	0.090	2	Pass
3MHz_Low_16QAM_8@4	20.08	19.58	0.091	2	Pass
3MHz_Low_16QAM_8@7	19.66	19.16	0.082	2	Pass
3MHz_Low_16QAM_15@0	19.80	19.30	0.085	2	Pass
3MHz_Middle_QPSK_1@0	21.44	20.94	0.124	2	Pass
3MHz_Middle_QPSK_1@8	21.25	20.75	0.119	2	Pass
3MHz_Middle_QPSK_1@14	21.34	20.84	0.121	2	Pass
3MHz_Middle_QPSK_8@0	20.51	20.01	0.100	2	Pass
3MHz_Middle_QPSK_8@4	20.51	20.01	0.100	2	Pass
3MHz_Middle_QPSK_8@7	20.46	19.96	0.099	2	Pass
3MHz_Middle_QPSK_15@0	20.50	20.00	0.100	2	Pass
3MHz_Middle_16QAM_1@0	20.45	19.95	0.099	2	Pass
3MHz_Middle_16QAM_1@8	20.45	19.95	0.099	2	Pass
3MHz_Middle_16QAM_1@14	20.52	20.02	0.100	2	Pass
3MHz_Middle_16QAM_8@0	19.90	19.40	0.087	2	Pass
3MHz_Middle_16QAM_8@4	19.45	18.95	0.079	2	Pass
3MHz_Middle_16QAM_8@7	19.41	18.91	0.078	2	Pass
3MHz_Middle_16QAM_15@0	19.84	19.34	0.086	2	Pass
3MHz_High_QPSK_1@0	21.82	21.32	0.136	2	Pass
3MHz_High_QPSK_1@8	21.85	21.35	0.136	2	Pass
3MHz_High_QPSK_1@14	21.80	21.30	0.135	2	Pass
3MHz_High_QPSK_8@0	20.52	20.02	0.100	2	Pass
3MHz_High_QPSK_8@4	20.49	19.99	0.100	2	Pass
3MHz_High_QPSK_8@7	20.56	20.06	0.101	2	Pass
3MHz_High_QPSK_15@0	20.60	20.10	0.102	2	Pass
3MHz_High_16QAM_1@0	21.72	21.22	0.132	2	Pass
3MHz_High_16QAM_1@8	21.67	21.17	0.131	2	Pass
3MHz_High_16QAM_1@14	21.68	21.18	0.131	2	Pass
3MHz_High_16QAM_8@0	19.46	18.96	0.079	2	Pass
3MHz_High_16QAM_8@4	19.45	18.95	0.079	2	Pass
3MHz_High_16QAM_8@7	19.46	18.96	0.079	2	Pass
3MHz_High_16QAM_15@0	19.63	19.13	0.082	2	Pass
5MHz_Low_QPSK_1@0	21.38	20.88	0.122	2	Pass
5MHz_Low_QPSK_1@12	21.47	20.97	0.125	2	Pass
5MHz_Low_QPSK_1@24	21.44	20.94	0.124	2	Pass
5MHz_Low_QPSK_12@0	20.34	19.84	0.096	2	Pass
5MHz_Low_QPSK_12@7	20.46	19.96	0.099	2	Pass
5MHz_Low_QPSK_12@13	20.52	20.02	0.100	2	Pass
5MHz_Low_QPSK_25@0	20.44	19.94	0.099	2	Pass
5MHz_Low_16QAM_1@0	21.16	20.66	0.116	2	Pass
5MHz_Low_16QAM_1@12	21.31	20.81	0.121	2	Pass
5MHz_Low_16QAM_1@24	21.19	20.69	0.117	2	Pass
5MHz_Low_16QAM_12@0	19.74	19.24	0.084	2	Pass
5MHz_Low_16QAM_12@7	19.43	18.93	0.078	2	Pass

Mode	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_Low_16QAM_12@13	19.40	18.90	0.078	2	Pass
5MHz_Low_16QAM_25@0	19.54	19.04	0.080	2	Pass
5MHz_Middle_QPSK_1@0	21.28	20.78	0.120	2	Pass
5MHz_Middle_QPSK_1@12	21.28	20.78	0.120	2	Pass
5MHz_Middle_QPSK_1@24	21.35	20.85	0.122	2	Pass
5MHz_Middle_QPSK_12@0	20.63	20.13	0.103	2	Pass
5MHz_Middle_QPSK_12@7	20.52	20.02	0.100	2	Pass
5MHz_Middle_QPSK_12@13	20.55	20.05	0.101	2	Pass
5MHz_Middle_QPSK_25@0	20.39	19.89	0.097	2	Pass
5MHz_Middle_16QAM_1@0	20.74	20.24	0.106	2	Pass
5MHz_Middle_16QAM_1@12	20.75	20.25	0.106	2	Pass
5MHz_Middle_16QAM_1@24	20.74	20.24	0.106	2	Pass
5MHz_Middle_16QAM_12@0	19.99	19.49	0.089	2	Pass
5MHz_Middle_16QAM_12@7	19.60	19.10	0.081	2	Pass
5MHz_Middle_16QAM_12@13	19.55	19.05	0.080	2	Pass
5MHz_Middle_16QAM_25@0	19.93	19.43	0.088	2	Pass
5MHz_High_QPSK_1@0	21.40	20.90	0.123	2	Pass
5MHz_High_QPSK_1@12	21.61	21.11	0.129	2	Pass
5MHz_High_QPSK_1@24	21.54	21.04	0.127	2	Pass
5MHz_High_QPSK_12@0	20.60	20.10	0.102	2	Pass
5MHz_High_QPSK_12@7	20.55	20.05	0.101	2	Pass
5MHz_High_QPSK_12@13	20.52	20.02	0.100	2	Pass
5MHz_High_QPSK_25@0	20.59	20.09	0.102	2	Pass
5MHz_High_16QAM_1@0	20.72	20.22	0.105	2	Pass
5MHz_High_16QAM_1@12	20.68	20.18	0.104	2	Pass
5MHz_High_16QAM_1@24	20.73	20.23	0.105	2	Pass
5MHz_High_16QAM_12@0	19.63	19.13	0.082	2	Pass
5MHz_High_16QAM_12@7	19.54	19.04	0.080	2	Pass
5MHz_High_16QAM_12@13	19.50	19.00	0.079	2	Pass
5MHz_High_16QAM_25@0	19.76	19.26	0.084	2	Pass
10MHz_Low_QPSK_1@0	21.49	20.99	0.126	2	Pass
10MHz_Low_QPSK_1@25	21.51	21.01	0.126	2	Pass
10MHz_Low_QPSK_1@49	21.58	21.08	0.128	2	Pass
10MHz_Low_QPSK_25@0	20.42	19.92	0.098	2	Pass
10MHz_Low_QPSK_25@12	20.35	19.85	0.097	2	Pass
10MHz_Low_QPSK_25@25	20.43	19.93	0.098	2	Pass
10MHz_Low_QPSK_50@0	20.41	19.91	0.098	2	Pass
10MHz_Low_16QAM_1@0	21.86	21.36	0.137	2	Pass
10MHz_Low_16QAM_1@25	21.78	21.28	0.134	2	Pass
10MHz_Low_16QAM_1@49	21.83	21.33	0.136	2	Pass
10MHz_Low_16QAM_25@0	19.55	19.05	0.080	2	Pass
10MHz_Low_16QAM_25@12	19.95	19.45	0.088	2	Pass
10MHz_Low_16QAM_25@25	19.50	19.00	0.079	2	Pass
10MHz_Low_16QAM_50@0	19.86	19.36	0.086	2	Pass
10MHz_Middle_QPSK_1@0	21.49	20.99	0.126	2	Pass
10MHz_Middle_QPSK_1@25	21.46	20.96	0.125	2	Pass
10MHz_Middle_QPSK_1@49	21.51	21.01	0.126	2	Pass
10MHz_Middle_QPSK_25@0	20.54	20.04	0.101	2	Pass
10MHz_Middle_QPSK_25@12	20.59	20.09	0.102	2	Pass
10MHz_Middle_QPSK_25@25	20.54	20.04	0.101	2	Pass
10MHz_Middle_QPSK_50@0	20.44	19.94	0.099	2	Pass
10MHz_Middle_16QAM_1@0	21.17	20.67	0.117	2	Pass
10MHz_Middle_16QAM_1@25	21.13	20.63	0.116	2	Pass
10MHz_Middle_16QAM_1@49	20.87	20.37	0.109	2	Pass
10MHz_Middle_16QAM_25@0	19.68	19.18	0.083	2	Pass
10MHz_Middle_16QAM_25@12	20.02	19.52	0.090	2	Pass

Mode	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_Middle_16QAM_25@25	19.65	19.15	0.082	2	Pass
10MHz_Middle_16QAM_50@0	19.94	19.44	0.088	2	Pass
10MHz_High_QPSK_1@0	21.65	21.15	0.130	2	Pass
10MHz_High_QPSK_1@25	21.69	21.19	0.132	2	Pass
10MHz_High_QPSK_1@49	21.73	21.23	0.133	2	Pass
10MHz_High_QPSK_25@0	20.69	20.19	0.104	2	Pass
10MHz_High_QPSK_25@12	20.62	20.12	0.103	2	Pass
10MHz_High_QPSK_25@25	20.59	20.09	0.102	2	Pass
10MHz_High_QPSK_50@0	20.54	20.04	0.101	2	Pass
10MHz_High_16QAM_1@0	21.72	21.22	0.132	2	Pass
10MHz_High_16QAM_1@25	21.80	21.30	0.135	2	Pass
10MHz_High_16QAM_1@49	21.79	21.29	0.135	2	Pass
10MHz_High_16QAM_25@0	19.60	19.10	0.081	2	Pass
10MHz_High_16QAM_25@12	19.62	19.12	0.082	2	Pass
10MHz_High_16QAM_25@25	19.72	19.22	0.084	2	Pass
10MHz_High_16QAM_50@0	19.76	19.26	0.084	2	Pass
15MHz_Low_QPSK_1@0	21.49	20.99	0.126	2	Pass
15MHz_Low_QPSK_1@37	21.51	21.01	0.126	2	Pass
15MHz_Low_QPSK_1@74	21.58	21.08	0.128	2	Pass
15MHz_Low_QPSK_36@0	20.37	19.87	0.097	2	Pass
15MHz_Low_QPSK_36@20	20.42	19.92	0.098	2	Pass
15MHz_Low_QPSK_36@39	20.49	19.99	0.100	2	Pass
15MHz_Low_QPSK_75@0	20.35	19.85	0.097	2	Pass
15MHz_Low_16QAM_1@0	21.06	20.56	0.114	2	Pass
15MHz_Low_16QAM_1@37	21.02	20.52	0.113	2	Pass
15MHz_Low_16QAM_1@74	21.17	20.67	0.117	2	Pass
15MHz_Low_16QAM_36@0	19.87	19.37	0.086	2	Pass
15MHz_Low_16QAM_36@20	19.51	19.01	0.080	2	Pass
15MHz_Low_16QAM_36@39	19.67	19.17	0.083	2	Pass
15MHz_Low_16QAM_75@0	19.38	18.88	0.077	2	Pass
15MHz_Middle_QPSK_1@0	21.58	21.08	0.128	2	Pass
15MHz_Middle_QPSK_1@37	21.53	21.03	0.127	2	Pass
15MHz_Middle_QPSK_1@74	21.63	21.13	0.130	2	Pass
15MHz_Middle_QPSK_36@0	20.60	20.10	0.102	2	Pass
15MHz_Middle_QPSK_36@20	20.52	20.02	0.100	2	Pass
15MHz_Middle_QPSK_36@39	20.46	19.96	0.099	2	Pass
15MHz_Middle_QPSK_75@0	20.48	19.98	0.100	2	Pass
15MHz_Middle_16QAM_1@0	21.70	21.20	0.132	2	Pass
15MHz_Middle_16QAM_1@37	21.84	21.34	0.136	2	Pass
15MHz_Middle_16QAM_1@74	21.88	21.38	0.137	2	Pass
15MHz_Middle_16QAM_36@0	19.57	19.07	0.081	2	Pass
15MHz_Middle_16QAM_36@20	19.50	19.00	0.079	2	Pass
15MHz_Middle_16QAM_36@39	19.60	19.10	0.081	2	Pass
15MHz_Middle_16QAM_75@0	19.90	19.40	0.087	2	Pass
15MHz_High_QPSK_1@0	21.71	21.21	0.132	2	Pass
15MHz_High_QPSK_1@37	21.70	21.20	0.132	2	Pass
15MHz_High_QPSK_1@74	21.69	21.19	0.132	2	Pass
15MHz_High_QPSK_36@0	20.50	20.00	0.100	2	Pass
15MHz_High_QPSK_36@20	20.55	20.05	0.101	2	Pass
15MHz_High_QPSK_36@39	20.56	20.06	0.101	2	Pass
15MHz_High_QPSK_75@0	20.71	20.21	0.105	2	Pass
15MHz_High_16QAM_1@0	21.81	21.31	0.135	2	Pass
15MHz_High_16QAM_1@37	21.73	21.23	0.133	2	Pass
15MHz_High_16QAM_1@74	21.64	21.14	0.130	2	Pass
15MHz_High_16QAM_36@0	19.72	19.22	0.084	2	Pass
15MHz_High_16QAM_36@20	19.66	19.16	0.082	2	Pass

Mode	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
15MHz_High_16QAM_36@39	19.64	19.14	0.082	2	Pass
15MHz_High_16QAM_75@0	19.71	19.21	0.083	2	Pass
20MHz_Low_QPSK_1@0	21.36	20.86	0.122	2	Pass
20MHz_Low_QPSK_1@49	21.40	20.90	0.123	2	Pass
20MHz_Low_QPSK_1@99	21.43	20.93	0.124	2	Pass
20MHz_Low_QPSK_50@0	20.38	19.88	0.097	2	Pass
20MHz_Low_QPSK_50@24	20.46	19.96	0.099	2	Pass
20MHz_Low_QPSK_50@50	20.55	20.05	0.101	2	Pass
20MHz_Low_QPSK_100@0	20.41	19.91	0.098	2	Pass
20MHz_Low_16QAM_1@0	21.06	20.56	0.114	2	Pass
20MHz_Low_16QAM_1@49	21.34	20.84	0.121	2	Pass
20MHz_Low_16QAM_1@99	21.40	20.90	0.123	2	Pass
20MHz_Low_16QAM_50@0	19.94	19.44	0.088	2	Pass
20MHz_Low_16QAM_50@24	19.83	19.33	0.086	2	Pass
20MHz_Low_16QAM_50@50	19.57	19.07	0.081	2	Pass
20MHz_Low_16QAM_100@0	19.94	19.44	0.088	2	Pass
20MHz_Middle_QPSK_1@0	21.67	21.17	0.131	2	Pass
20MHz_Middle_QPSK_1@49	21.61	21.11	0.129	2	Pass
20MHz_Middle_QPSK_1@99	21.80	21.30	0.135	2	Pass
20MHz_Middle_QPSK_50@0	20.67	20.17	0.104	2	Pass
20MHz_Middle_QPSK_50@24	20.57	20.07	0.102	2	Pass
20MHz_Middle_QPSK_50@50	20.67	20.17	0.104	2	Pass
20MHz_Middle_QPSK_100@0	20.59	20.09	0.102	2	Pass
20MHz_Middle_16QAM_1@0	20.91	20.41	0.110	2	Pass
20MHz_Middle_16QAM_1@49	20.91	20.41	0.110	2	Pass
20MHz_Middle_16QAM_1@99	21.10	20.60	0.115	2	Pass
20MHz_Middle_16QAM_50@0	19.66	19.16	0.082	2	Pass
20MHz_Middle_16QAM_50@24	20.13	19.63	0.092	2	Pass
20MHz_Middle_16QAM_50@50	20.14	19.64	0.092	2	Pass
20MHz_Middle_16QAM_100@0	20.15	19.65	0.092	2	Pass
20MHz_High_QPSK_1@0	21.79	21.29	0.135	2	Pass
20MHz_High_QPSK_1@49	21.74	21.24	0.133	2	Pass
20MHz_High_QPSK_1@99	21.81	21.31	0.135	2	Pass
20MHz_High_QPSK_50@0	20.72	20.22	0.105	2	Pass
20MHz_High_QPSK_50@24	20.69	20.19	0.104	2	Pass
20MHz_High_QPSK_50@50	20.78	20.28	0.107	2	Pass
20MHz_High_QPSK_100@0	20.74	20.24	0.106	2	Pass
20MHz_High_16QAM_1@0	21.24	20.74	0.119	2	Pass
20MHz_High_16QAM_1@49	21.25	20.75	0.119	2	Pass
20MHz_High_16QAM_1@99	21.37	20.87	0.122	2	Pass
20MHz_High_16QAM_50@0	19.91	19.41	0.087	2	Pass
20MHz_High_16QAM_50@24	19.81	19.31	0.085	2	Pass
20MHz_High_16QAM_50@50	19.89	19.39	0.087	2	Pass
20MHz_High_16QAM_100@0	19.76	19.26	0.084	2	Pass

Note:

EIRP = Conducted Power(dBm) + Antenna Gain(dBi) - Cable Loss(dB)

1.Antenna Gain = -0.3dBi;

2.Cable Loss = 0.2dB.

FCC Part 27&IC RSS 139

LTE Band 4, Normal

Mode	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
1.4MHz_Low_QPSK_1@0	21.94	20.44	0.111	1	Pass
1.4MHz_Low_QPSK_1@3	21.93	20.43	0.110	1	Pass
1.4MHz_Low_QPSK_1@5	21.88	20.38	0.109	1	Pass
1.4MHz_Low_QPSK_3@0	21.73	20.23	0.105	1	Pass
1.4MHz_Low_QPSK_3@1	21.72	20.22	0.105	1	Pass
1.4MHz_Low_QPSK_3@3	21.68	20.18	0.104	1	Pass
1.4MHz_Low_QPSK_6@0	20.66	19.16	0.082	1	Pass
1.4MHz_Low_16QAM_1@0	21.49	19.99	0.100	1	Pass
1.4MHz_Low_16QAM_1@3	21.42	19.92	0.098	1	Pass
1.4MHz_Low_16QAM_1@5	21.45	19.95	0.099	1	Pass
1.4MHz_Low_16QAM_3@0	20.91	19.41	0.087	1	Pass
1.4MHz_Low_16QAM_3@1	20.90	19.40	0.087	1	Pass
1.4MHz_Low_16QAM_3@3	20.96	19.46	0.088	1	Pass
1.4MHz_Low_16QAM_6@0	19.48	17.98	0.063	1	Pass
1.4MHz_Middle_QPSK_1@0	21.77	20.27	0.106	1	Pass
1.4MHz_Middle_QPSK_1@3	21.79	20.29	0.107	1	Pass
1.4MHz_Middle_QPSK_1@5	21.74	20.24	0.106	1	Pass
1.4MHz_Middle_QPSK_3@0	21.62	20.12	0.103	1	Pass
1.4MHz_Middle_QPSK_3@1	21.69	20.19	0.104	1	Pass
1.4MHz_Middle_QPSK_3@3	21.63	20.13	0.103	1	Pass
1.4MHz_Middle_QPSK_6@0	20.67	19.17	0.083	1	Pass
1.4MHz_Middle_16QAM_1@0	21.14	19.64	0.092	1	Pass
1.4MHz_Middle_16QAM_1@3	21.35	19.85	0.097	1	Pass
1.4MHz_Middle_16QAM_1@5	21.35	19.85	0.097	1	Pass
1.4MHz_Middle_16QAM_3@0	21.16	19.66	0.092	1	Pass
1.4MHz_Middle_16QAM_3@1	21.13	19.63	0.092	1	Pass
1.4MHz_Middle_16QAM_3@3	21.07	19.57	0.091	1	Pass
1.4MHz_Middle_16QAM_6@0	20.29	18.79	0.076	1	Pass
1.4MHz_High_QPSK_1@0	21.70	20.20	0.105	1	Pass
1.4MHz_High_QPSK_1@3	21.61	20.11	0.103	1	Pass
1.4MHz_High_QPSK_1@5	21.64	20.14	0.103	1	Pass
1.4MHz_High_QPSK_3@0	21.72	20.22	0.105	1	Pass
1.4MHz_High_QPSK_3@1	21.76	20.26	0.106	1	Pass
1.4MHz_High_QPSK_3@3	21.74	20.24	0.106	1	Pass
1.4MHz_High_QPSK_6@0	20.71	19.21	0.083	1	Pass
1.4MHz_High_16QAM_1@0	21.49	19.99	0.100	1	Pass
1.4MHz_High_16QAM_1@3	21.52	20.02	0.100	1	Pass
1.4MHz_High_16QAM_1@5	21.55	20.05	0.101	1	Pass
1.4MHz_High_16QAM_3@0	21	19.50	0.089	1	Pass
1.4MHz_High_16QAM_3@1	20.98	19.48	0.089	1	Pass
1.4MHz_High_16QAM_3@3	20.97	19.47	0.089	1	Pass
1.4MHz_High_16QAM_6@0	19.90	18.40	0.069	1	Pass
3MHz_Low_QPSK_1@0	21.92	20.42	0.110	1	Pass
3MHz_Low_QPSK_1@8	21.92	20.42	0.110	1	Pass
3MHz_Low_QPSK_1@14	21.87	20.37	0.109	1	Pass
3MHz_Low_QPSK_8@0	20.68	19.18	0.083	1	Pass
3MHz_Low_QPSK_8@4	20.78	19.28	0.085	1	Pass
3MHz_Low_QPSK_8@7	20.67	19.17	0.083	1	Pass
3MHz_Low_QPSK_15@0	20.82	19.32	0.086	1	Pass
3MHz_Low_16QAM_1@0	21.45	19.95	0.099	1	Pass
3MHz_Low_16QAM_1@8	21.41	19.91	0.098	1	Pass
3MHz_Low_16QAM_1@14	21.35	19.85	0.097	1	Pass
3MHz_Low_16QAM_8@0	19.94	18.44	0.070	1	Pass
3MHz_Low_16QAM_8@4	19.95	18.45	0.070	1	Pass

Mode	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
3MHz_Low_16QAM_8@7	19.86	18.36	0.069	1	Pass
3MHz_Low_16QAM_15@0	19.81	18.31	0.068	1	Pass
3MHz_Middle_QPSK_1@0	21.67	20.17	0.104	1	Pass
3MHz_Middle_QPSK_1@8	21.67	20.17	0.104	1	Pass
3MHz_Middle_QPSK_1@14	21.69	20.19	0.104	1	Pass
3MHz_Middle_QPSK_8@0	20.63	19.13	0.082	1	Pass
3MHz_Middle_QPSK_8@4	20.68	19.18	0.083	1	Pass
3MHz_Middle_QPSK_8@7	20.65	19.15	0.082	1	Pass
3MHz_Middle_QPSK_15@0	20.64	19.14	0.082	1	Pass
3MHz_Middle_16QAM_1@0	21.11	19.61	0.091	1	Pass
3MHz_Middle_16QAM_1@8	21.10	19.60	0.091	1	Pass
3MHz_Middle_16QAM_1@14	21.10	19.60	0.091	1	Pass
3MHz_Middle_16QAM_8@0	20.05	18.55	0.072	1	Pass
3MHz_Middle_16QAM_8@4	20.09	18.59	0.072	1	Pass
3MHz_Middle_16QAM_8@7	20.07	18.57	0.072	1	Pass
3MHz_Middle_16QAM_15@0	20.07	18.57	0.072	1	Pass
3MHz_High_QPSK_1@0	21.75	20.25	0.106	1	Pass
3MHz_High_QPSK_1@8	21.80	20.30	0.107	1	Pass
3MHz_High_QPSK_1@14	21.69	20.19	0.104	1	Pass
3MHz_High_QPSK_8@0	20.72	19.22	0.084	1	Pass
3MHz_High_QPSK_8@4	20.73	19.23	0.084	1	Pass
3MHz_High_QPSK_8@7	20.72	19.22	0.084	1	Pass
3MHz_High_QPSK_15@0	20.70	19.20	0.083	1	Pass
3MHz_High_16QAM_1@0	21.21	19.71	0.094	1	Pass
3MHz_High_16QAM_1@8	21.17	19.67	0.093	1	Pass
3MHz_High_16QAM_1@14	21.18	19.68	0.093	1	Pass
3MHz_High_16QAM_8@0	19.64	18.14	0.065	1	Pass
3MHz_High_16QAM_8@4	19.62	18.12	0.065	1	Pass
3MHz_High_16QAM_8@7	19.66	18.16	0.065	1	Pass
3MHz_High_16QAM_15@0	19.75	18.25	0.067	1	Pass
5MHz_Low_QPSK_1@0	21.88	20.38	0.109	1	Pass
5MHz_Low_QPSK_1@12	21.72	20.22	0.105	1	Pass
5MHz_Low_QPSK_1@24	21.71	20.21	0.105	1	Pass
5MHz_Low_QPSK_12@0	20.84	19.34	0.086	1	Pass
5MHz_Low_QPSK_12@7	20.76	19.26	0.084	1	Pass
5MHz_Low_QPSK_12@13	20.69	19.19	0.083	1	Pass
5MHz_Low_QPSK_25@0	20.74	19.24	0.084	1	Pass
5MHz_Low_16QAM_1@0	21.63	20.13	0.103	1	Pass
5MHz_Low_16QAM_1@12	21.52	20.02	0.100	1	Pass
5MHz_Low_16QAM_1@24	21.53	20.03	0.101	1	Pass
5MHz_Low_16QAM_12@0	19.77	18.27	0.067	1	Pass
5MHz_Low_16QAM_12@7	19.76	18.26	0.067	1	Pass
5MHz_Low_16QAM_12@13	19.74	18.24	0.067	1	Pass
5MHz_Low_16QAM_25@0	19.86	18.36	0.069	1	Pass
5MHz_Middle_QPSK_1@0	21.70	20.20	0.105	1	Pass
5MHz_Middle_QPSK_1@12	21.56	20.06	0.101	1	Pass
5MHz_Middle_QPSK_1@24	21.65	20.15	0.104	1	Pass
5MHz_Middle_QPSK_12@0	20.84	19.34	0.086	1	Pass
5MHz_Middle_QPSK_12@7	20.79	19.29	0.085	1	Pass
5MHz_Middle_QPSK_12@13	20.74	19.24	0.084	1	Pass
5MHz_Middle_QPSK_25@0	20.73	19.23	0.084	1	Pass
5MHz_Middle_16QAM_1@0	21.56	20.06	0.101	1	Pass
5MHz_Middle_16QAM_1@12	21.46	19.96	0.099	1	Pass
5MHz_Middle_16QAM_1@24	21.54	20.04	0.101	1	Pass
5MHz_Middle_16QAM_12@0	20.11	18.61	0.073	1	Pass
5MHz_Middle_16QAM_12@7	20.12	18.62	0.073	1	Pass

Mode	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_Middle_16QAM_12@13	20.10	18.60	0.072	1	Pass
5MHz_Middle_16QAM_25@0	20.21	18.71	0.074	1	Pass
5MHz_High_QPSK_1@0	21.87	20.37	0.109	1	Pass
5MHz_High_QPSK_1@12	21.87	20.37	0.109	1	Pass
5MHz_High_QPSK_1@24	21.76	20.26	0.106	1	Pass
5MHz_High_QPSK_12@0	20.77	19.27	0.085	1	Pass
5MHz_High_QPSK_12@7	20.74	19.24	0.084	1	Pass
5MHz_High_QPSK_12@13	20.75	19.25	0.084	1	Pass
5MHz_High_QPSK_25@0	20.84	19.34	0.086	1	Pass
5MHz_High_16QAM_1@0	21.07	19.57	0.091	1	Pass
5MHz_High_16QAM_1@12	21.01	19.51	0.089	1	Pass
5MHz_High_16QAM_1@24	21.03	19.53	0.090	1	Pass
5MHz_High_16QAM_12@0	19.66	18.16	0.065	1	Pass
5MHz_High_16QAM_12@7	19.69	18.19	0.066	1	Pass
5MHz_High_16QAM_12@13	19.75	18.25	0.067	1	Pass
5MHz_High_16QAM_25@0	19.93	18.43	0.070	1	Pass
10MHz_Low_QPSK_1@0	21.83	20.33	0.108	1	Pass
10MHz_Low_QPSK_1@25	21.86	20.36	0.109	1	Pass
10MHz_Low_QPSK_1@49	21.85	20.35	0.108	1	Pass
10MHz_Low_QPSK_25@0	20.80	19.30	0.085	1	Pass
10MHz_Low_QPSK_25@12	20.59	19.09	0.081	1	Pass
10MHz_Low_QPSK_25@25	20.66	19.16	0.082	1	Pass
10MHz_Low_QPSK_50@0	20.77	19.27	0.085	1	Pass
10MHz_Low_16QAM_1@0	21.44	19.94	0.099	1	Pass
10MHz_Low_16QAM_1@25	21.34	19.84	0.096	1	Pass
10MHz_Low_16QAM_1@49	21.33	19.83	0.096	1	Pass
10MHz_Low_16QAM_25@0	19.85	18.35	0.068	1	Pass
10MHz_Low_16QAM_25@12	20.08	18.58	0.072	1	Pass
10MHz_Low_16QAM_25@25	19.84	18.34	0.068	1	Pass
10MHz_Low_16QAM_50@0	20.08	18.58	0.072	1	Pass
10MHz_Middle_QPSK_1@0	21.75	20.25	0.106	1	Pass
10MHz_Middle_QPSK_1@25	21.71	20.21	0.105	1	Pass
10MHz_Middle_QPSK_1@49	21.72	20.22	0.105	1	Pass
10MHz_Middle_QPSK_25@0	20.84	19.34	0.086	1	Pass
10MHz_Middle_QPSK_25@12	20.74	19.24	0.084	1	Pass
10MHz_Middle_QPSK_25@25	20.82	19.32	0.086	1	Pass
10MHz_Middle_QPSK_50@0	20.68	19.18	0.083	1	Pass
10MHz_Middle_16QAM_1@0	21.32	19.82	0.096	1	Pass
10MHz_Middle_16QAM_1@25	21.81	20.31	0.107	1	Pass
10MHz_Middle_16QAM_1@49	21.91	20.41	0.110	1	Pass
10MHz_Middle_16QAM_25@0	20.08	18.58	0.072	1	Pass
10MHz_Middle_16QAM_25@12	19.96	18.46	0.070	1	Pass
10MHz_Middle_16QAM_25@25	19.77	18.27	0.067	1	Pass
10MHz_Middle_16QAM_50@0	19.99	18.49	0.071	1	Pass
10MHz_High_QPSK_1@0	21.75	20.25	0.106	1	Pass
10MHz_High_QPSK_1@25	21.77	20.27	0.106	1	Pass
10MHz_High_QPSK_1@49	21.77	20.27	0.106	1	Pass
10MHz_High_QPSK_25@0	20.76	19.26	0.084	1	Pass
10MHz_High_QPSK_25@12	20.77	19.27	0.085	1	Pass
10MHz_High_QPSK_25@25	20.78	19.28	0.085	1	Pass
10MHz_High_QPSK_50@0	20.75	19.25	0.084	1	Pass
10MHz_High_16QAM_1@0	21.45	19.95	0.099	1	Pass
10MHz_High_16QAM_1@25	21.34	19.84	0.096	1	Pass
10MHz_High_16QAM_1@49	21.43	19.93	0.098	1	Pass
10MHz_High_16QAM_25@0	19.76	18.26	0.067	1	Pass
10MHz_High_16QAM_25@12	19.90	18.40	0.069	1	Pass

Mode	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_High_16QAM_25@25	19.85	18.35	0.068	1	Pass
10MHz_High_16QAM_50@0	19.85	18.35	0.068	1	Pass
15MHz_Low_QPSK_1@0	21.78	20.28	0.107	1	Pass
15MHz_Low_QPSK_1@37	21.64	20.14	0.103	1	Pass
15MHz_Low_QPSK_1@74	21.82	20.32	0.108	1	Pass
15MHz_Low_QPSK_36@0	20.75	19.25	0.084	1	Pass
15MHz_Low_QPSK_36@20	20.73	19.23	0.084	1	Pass
15MHz_Low_QPSK_36@39	20.57	19.07	0.081	1	Pass
15MHz_Low_QPSK_75@0	20.62	19.12	0.082	1	Pass
15MHz_Low_16QAM_1@0	22.09	20.59	0.115	1	Pass
15MHz_Low_16QAM_1@37	22.01	20.51	0.112	1	Pass
15MHz_Low_16QAM_1@74	22.01	20.51	0.112	1	Pass
15MHz_Low_16QAM_36@0	20.05	18.55	0.072	1	Pass
15MHz_Low_16QAM_36@20	19.80	18.30	0.068	1	Pass
15MHz_Low_16QAM_36@39	19.77	18.27	0.067	1	Pass
15MHz_Low_16QAM_75@0	19.73	18.23	0.067	1	Pass
15MHz_Middle_QPSK_1@0	21.71	20.21	0.105	1	Pass
15MHz_Middle_QPSK_1@37	21.68	20.18	0.104	1	Pass
15MHz_Middle_QPSK_1@74	21.73	20.23	0.105	1	Pass
15MHz_Middle_QPSK_36@0	20.75	19.25	0.084	1	Pass
15MHz_Middle_QPSK_36@20	20.71	19.21	0.083	1	Pass
15MHz_Middle_QPSK_36@39	20.75	19.25	0.084	1	Pass
15MHz_Middle_QPSK_75@0	20.67	19.17	0.083	1	Pass
15MHz_Middle_16QAM_1@0	21.95	20.45	0.111	1	Pass
15MHz_Middle_16QAM_1@37	21.99	20.49	0.112	1	Pass
15MHz_Middle_16QAM_1@74	21.99	20.49	0.112	1	Pass
15MHz_Middle_16QAM_36@0	19.73	18.23	0.067	1	Pass
15MHz_Middle_16QAM_36@20	19.99	18.49	0.071	1	Pass
15MHz_Middle_16QAM_36@39	19.71	18.21	0.066	1	Pass
15MHz_Middle_16QAM_75@0	20.05	18.55	0.072	1	Pass
15MHz_High_QPSK_1@0	21.69	20.19	0.104	1	Pass
15MHz_High_QPSK_1@37	21.69	20.19	0.104	1	Pass
15MHz_High_QPSK_1@74	21.72	20.22	0.105	1	Pass
15MHz_High_QPSK_36@0	20.76	19.26	0.084	1	Pass
15MHz_High_QPSK_36@20	20.75	19.25	0.084	1	Pass
15MHz_High_QPSK_36@39	20.76	19.26	0.084	1	Pass
15MHz_High_QPSK_75@0	20.68	19.18	0.083	1	Pass
15MHz_High_16QAM_1@0	21.89	20.39	0.109	1	Pass
15MHz_High_16QAM_1@37	21.85	20.35	0.108	1	Pass
15MHz_High_16QAM_1@74	21.85	20.35	0.108	1	Pass
15MHz_High_16QAM_36@0	19.82	18.32	0.068	1	Pass
15MHz_High_16QAM_36@20	19.84	18.34	0.068	1	Pass
15MHz_High_16QAM_36@39	19.78	18.28	0.067	1	Pass
15MHz_High_16QAM_75@0	19.80	18.30	0.068	1	Pass
20MHz_Low_QPSK_1@0	21.66	20.16	0.104	1	Pass
20MHz_Low_QPSK_1@49	21.59	20.09	0.102	1	Pass
20MHz_Low_QPSK_1@99	21.70	20.20	0.105	1	Pass
20MHz_Low_QPSK_50@0	20.70	19.20	0.083	1	Pass
20MHz_Low_QPSK_50@24	20.56	19.06	0.081	1	Pass
20MHz_Low_QPSK_50@50	20.67	19.17	0.083	1	Pass
20MHz_Low_QPSK_100@0	20.61	19.11	0.081	1	Pass
20MHz_Low_16QAM_1@0	21.37	19.87	0.097	1	Pass
20MHz_Low_16QAM_1@49	21.23	19.73	0.094	1	Pass
20MHz_Low_16QAM_1@99	21.32	19.82	0.096	1	Pass
20MHz_Low_16QAM_50@0	20.03	18.53	0.071	1	Pass
20MHz_Low_16QAM_50@24	19.72	18.22	0.066	1	Pass

Mode	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
20MHz_Low_16QAM_50@50	19.81	18.31	0.068	1	Pass
20MHz_Low_16QAM_100@0	19.69	18.19	0.066	1	Pass
20MHz_Middle_QPSK_1@0	21.53	20.03	0.101	1	Pass
20MHz_Middle_QPSK_1@49	21.52	20.02	0.100	1	Pass
20MHz_Middle_QPSK_1@99	21.53	20.03	0.101	1	Pass
20MHz_Middle_QPSK_50@0	20.59	19.09	0.081	1	Pass
20MHz_Middle_QPSK_50@24	20.68	19.18	0.083	1	Pass
20MHz_Middle_QPSK_50@50	20.67	19.17	0.083	1	Pass
20MHz_Middle_QPSK_100@0	20.81	19.31	0.085	1	Pass
20MHz_Middle_16QAM_1@0	21.13	19.63	0.092	1	Pass
20MHz_Middle_16QAM_1@49	21.11	19.61	0.091	1	Pass
20MHz_Middle_16QAM_1@99	21.16	19.66	0.092	1	Pass
20MHz_Middle_16QAM_50@0	19.62	18.12	0.065	1	Pass
20MHz_Middle_16QAM_50@24	19.94	18.44	0.070	1	Pass
20MHz_Middle_16QAM_50@50	19.59	18.09	0.064	1	Pass
20MHz_Middle_16QAM_100@0	20.06	18.56	0.072	1	Pass
20MHz_High_QPSK_1@0	21.68	20.18	0.104	1	Pass
20MHz_High_QPSK_1@49	21.67	20.17	0.104	1	Pass
20MHz_High_QPSK_1@99	21.80	20.30	0.107	1	Pass
20MHz_High_QPSK_50@0	20.65	19.15	0.082	1	Pass
20MHz_High_QPSK_50@24	20.69	19.19	0.083	1	Pass
20MHz_High_QPSK_50@50	20.76	19.26	0.084	1	Pass
20MHz_High_QPSK_100@0	20.79	19.29	0.085	1	Pass
20MHz_High_16QAM_1@0	21.65	20.15	0.104	1	Pass
20MHz_High_16QAM_1@49	21.70	20.20	0.105	1	Pass
20MHz_High_16QAM_1@99	21.76	20.26	0.106	1	Pass
20MHz_High_16QAM_50@0	20.18	18.68	0.074	1	Pass
20MHz_High_16QAM_50@24	19.74	18.24	0.067	1	Pass
20MHz_High_16QAM_50@50	19.83	18.33	0.068	1	Pass
20MHz_High_16QAM_100@0	19.71	18.21	0.066	1	Pass

Note:

EIRP = Conducted Power(dBm) + Antenna Gain(dBi) - Cable Loss(dB)

1.Antenna Gain = -1.3dBi;

2.Cable Loss = 0.2dB.

FCC Part 27&IC RSS 199

LTE Band 7, Normal

Mode	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_Low_QPSK_1@0	21.36	20.46	0.111	2	Pass
5MHz_Low_QPSK_1@12	21.25	20.35	0.108	2	Pass
5MHz_Low_QPSK_1@24	21.25	20.35	0.108	2	Pass
5MHz_Low_QPSK_12@0	20.14	19.24	0.084	2	Pass
5MHz_Low_QPSK_12@7	20.02	19.12	0.082	2	Pass
5MHz_Low_QPSK_12@13	20.04	19.14	0.082	2	Pass
5MHz_Low_QPSK_25@0	20.05	19.15	0.082	2	Pass
5MHz_Low_16QAM_1@0	20.64	19.74	0.094	2	Pass
5MHz_Low_16QAM_1@12	20.66	19.76	0.095	2	Pass
5MHz_Low_16QAM_1@24	20.70	19.80	0.095	2	Pass
5MHz_Low_16QAM_12@0	19.13	18.23	0.067	2	Pass
5MHz_Low_16QAM_12@7	19.19	18.29	0.067	2	Pass
5MHz_Low_16QAM_12@13	19.28	18.38	0.069	2	Pass
5MHz_Low_16QAM_25@0	19.38	18.48	0.070	2	Pass
5MHz_Middle_QPSK_1@0	20.82	19.92	0.098	2	Pass

Mode	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_Middle_QPSK_1@12	20.88	19.98	0.100	2	Pass
5MHz_Middle_QPSK_1@24	20.85	19.95	0.099	2	Pass
5MHz_Middle_QPSK_12@0	20.15	19.25	0.084	2	Pass
5MHz_Middle_QPSK_12@7	20.18	19.28	0.085	2	Pass
5MHz_Middle_QPSK_12@13	20.16	19.26	0.084	2	Pass
5MHz_Middle_QPSK_25@0	20.16	19.26	0.084	2	Pass
5MHz_Middle_16QAM_1@0	20.55	19.65	0.092	2	Pass
5MHz_Middle_16QAM_1@12	20.53	19.63	0.092	2	Pass
5MHz_Middle_16QAM_1@24	20.53	19.63	0.092	2	Pass
5MHz_Middle_16QAM_12@0	19.28	18.38	0.069	2	Pass
5MHz_Middle_16QAM_12@7	19.29	18.39	0.069	2	Pass
5MHz_Middle_16QAM_12@13	19.29	18.39	0.069	2	Pass
5MHz_Middle_16QAM_25@0	19.27	18.37	0.069	2	Pass
5MHz_High_QPSK_1@0	21.03	20.13	0.103	2	Pass
5MHz_High_QPSK_1@12	21.01	20.11	0.103	2	Pass
5MHz_High_QPSK_1@24	20.98	20.08	0.102	2	Pass
5MHz_High_QPSK_12@0	20.05	19.15	0.082	2	Pass
5MHz_High_QPSK_12@7	20.05	19.15	0.082	2	Pass
5MHz_High_QPSK_12@13	20.08	19.18	0.083	2	Pass
5MHz_High_QPSK_25@0	20.15	19.25	0.084	2	Pass
5MHz_High_16QAM_1@0	20.26	19.36	0.086	2	Pass
5MHz_High_16QAM_1@12	20.18	19.28	0.085	2	Pass
5MHz_High_16QAM_1@24	20.22	19.32	0.086	2	Pass
5MHz_High_16QAM_12@0	19.15	18.25	0.067	2	Pass
5MHz_High_16QAM_12@7	19.06	18.16	0.065	2	Pass
5MHz_High_16QAM_12@13	19.09	18.19	0.066	2	Pass
5MHz_High_16QAM_25@0	19.39	18.49	0.071	2	Pass
10MHz_Low_QPSK_1@0	21.26	20.36	0.109	2	Pass
10MHz_Low_QPSK_1@25	21.28	20.38	0.109	2	Pass
10MHz_Low_QPSK_1@49	21.34	20.44	0.111	2	Pass
10MHz_Low_QPSK_25@0	20	19.10	0.081	2	Pass
10MHz_Low_QPSK_25@12	20.14	19.24	0.084	2	Pass
10MHz_Low_QPSK_25@25	20.15	19.25	0.084	2	Pass
10MHz_Low_QPSK_50@0	20.09	19.19	0.083	2	Pass
10MHz_Low_16QAM_1@0	20.89	19.99	0.100	2	Pass
10MHz_Low_16QAM_1@25	20.90	20.00	0.100	2	Pass
10MHz_Low_16QAM_1@49	20.92	20.02	0.100	2	Pass
10MHz_Low_16QAM_25@0	19.20	18.30	0.068	2	Pass
10MHz_Low_16QAM_25@12	19.25	18.35	0.068	2	Pass
10MHz_Low_16QAM_25@25	19.27	18.37	0.069	2	Pass
10MHz_Low_16QAM_50@0	19.31	18.41	0.069	2	Pass
10MHz_Middle_QPSK_1@0	21.15	20.25	0.106	2	Pass
10MHz_Middle_QPSK_1@25	21.15	20.25	0.106	2	Pass
10MHz_Middle_QPSK_1@49	21.17	20.27	0.106	2	Pass
10MHz_Middle_QPSK_25@0	20.20	19.30	0.085	2	Pass
10MHz_Middle_QPSK_25@12	20.18	19.28	0.085	2	Pass
10MHz_Middle_QPSK_25@25	20.12	19.22	0.084	2	Pass
10MHz_Middle_QPSK_50@0	20.12	19.22	0.084	2	Pass
10MHz_Middle_16QAM_1@0	20.57	19.67	0.093	2	Pass
10MHz_Middle_16QAM_1@25	20.56	19.66	0.092	2	Pass
10MHz_Middle_16QAM_1@49	20.56	19.66	0.092	2	Pass
10MHz_Middle_16QAM_25@0	19.35	18.45	0.070	2	Pass
10MHz_Middle_16QAM_25@12	19.37	18.47	0.070	2	Pass
10MHz_Middle_16QAM_25@25	19.36	18.46	0.070	2	Pass
10MHz_Middle_16QAM_50@0	19.35	18.45	0.070	2	Pass
10MHz_High_QPSK_1@0	21.40	20.50	0.112	2	Pass

Mode	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_High_QPSK_1@25	21.43	20.53	0.113	2	Pass
10MHz_High_QPSK_1@49	21.42	20.52	0.113	2	Pass
10MHz_High_QPSK_25@0	20.20	19.30	0.085	2	Pass
10MHz_High_QPSK_25@12	20.22	19.32	0.086	2	Pass
10MHz_High_QPSK_25@25	20.06	19.16	0.082	2	Pass
10MHz_High_QPSK_50@0	20.14	19.24	0.084	2	Pass
10MHz_High_16QAM_1@0	21.49	20.59	0.115	2	Pass
10MHz_High_16QAM_1@25	21.42	20.52	0.113	2	Pass
10MHz_High_16QAM_1@49	21.33	20.43	0.110	2	Pass
10MHz_High_16QAM_25@0	19.29	18.39	0.069	2	Pass
10MHz_High_16QAM_25@12	19.40	18.50	0.071	2	Pass
10MHz_High_16QAM_25@25	19.35	18.45	0.070	2	Pass
10MHz_High_16QAM_50@0	19.34	18.44	0.070	2	Pass
15MHz_Low_QPSK_1@0	21.23	20.33	0.108	2	Pass
15MHz_Low_QPSK_1@37	21.25	20.35	0.108	2	Pass
15MHz_Low_QPSK_1@74	21.27	20.37	0.109	2	Pass
15MHz_Low_QPSK_36@0	20.16	19.26	0.084	2	Pass
15MHz_Low_QPSK_36@20	20.07	19.17	0.083	2	Pass
15MHz_Low_QPSK_36@39	20.03	19.13	0.082	2	Pass
15MHz_Low_QPSK_75@0	20.06	19.16	0.082	2	Pass
15MHz_Low_16QAM_1@0	20.91	20.01	0.100	2	Pass
15MHz_Low_16QAM_1@37	20.97	20.07	0.102	2	Pass
15MHz_Low_16QAM_1@74	20.97	20.07	0.102	2	Pass
15MHz_Low_16QAM_36@0	19.36	18.46	0.070	2	Pass
15MHz_Low_16QAM_36@20	19.29	18.39	0.069	2	Pass
15MHz_Low_16QAM_36@39	19.24	18.34	0.068	2	Pass
15MHz_Low_16QAM_75@0	19.28	18.38	0.069	2	Pass
15MHz_Middle_QPSK_1@0	21.16	20.26	0.106	2	Pass
15MHz_Middle_QPSK_1@37	21.18	20.28	0.107	2	Pass
15MHz_Middle_QPSK_1@74	21.14	20.24	0.106	2	Pass
15MHz_Middle_QPSK_36@0	20.21	19.31	0.085	2	Pass
15MHz_Middle_QPSK_36@20	20.17	19.27	0.085	2	Pass
15MHz_Middle_QPSK_36@39	20.08	19.18	0.083	2	Pass
15MHz_Middle_QPSK_75@0	20.15	19.25	0.084	2	Pass
15MHz_Middle_16QAM_1@0	21.55	20.65	0.116	2	Pass
15MHz_Middle_16QAM_1@37	21.50	20.60	0.115	2	Pass
15MHz_Middle_16QAM_1@74	21.46	20.56	0.114	2	Pass
15MHz_Middle_16QAM_36@0	19.27	18.37	0.069	2	Pass
15MHz_Middle_16QAM_36@20	19.22	18.32	0.068	2	Pass
15MHz_Middle_16QAM_36@39	19.25	18.35	0.068	2	Pass
15MHz_Middle_16QAM_75@0	19.34	18.44	0.070	2	Pass
15MHz_High_QPSK_1@0	21.42	20.52	0.113	2	Pass
15MHz_High_QPSK_1@37	21.25	20.35	0.108	2	Pass
15MHz_High_QPSK_1@74	21.27	20.37	0.109	2	Pass
15MHz_High_QPSK_36@0	20.25	19.35	0.086	2	Pass
15MHz_High_QPSK_36@20	20.12	19.22	0.084	2	Pass
15MHz_High_QPSK_36@39	20.18	19.28	0.085	2	Pass
15MHz_High_QPSK_75@0	20.15	19.25	0.084	2	Pass
15MHz_High_16QAM_1@0	21.53	20.63	0.116	2	Pass
15MHz_High_16QAM_1@37	21.43	20.53	0.113	2	Pass
15MHz_High_16QAM_1@74	21.41	20.51	0.112	2	Pass
15MHz_High_16QAM_36@0	19.38	18.48	0.070	2	Pass
15MHz_High_16QAM_36@20	19.35	18.45	0.070	2	Pass
15MHz_High_16QAM_36@39	19.30	18.40	0.069	2	Pass
15MHz_High_16QAM_75@0	19.30	18.40	0.069	2	Pass
20MHz_Low_QPSK_1@0	21.08	20.18	0.104	2	Pass

Mode	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
20MHz_Low_QPSK_1@49	21.06	20.16	0.104	2	Pass
20MHz_Low_QPSK_1@99	21.18	20.28	0.107	2	Pass
20MHz_Low_QPSK_50@0	20.14	19.24	0.084	2	Pass
20MHz_Low_QPSK_50@24	20.20	19.30	0.085	2	Pass
20MHz_Low_QPSK_50@50	20.21	19.31	0.085	2	Pass
20MHz_Low_QPSK_100@0	20.08	19.18	0.083	2	Pass
20MHz_Low_16QAM_1@0	20.88	19.98	0.100	2	Pass
20MHz_Low_16QAM_1@49	20.93	20.03	0.101	2	Pass
20MHz_Low_16QAM_1@99	20.99	20.09	0.102	2	Pass
20MHz_Low_16QAM_50@0	19.28	18.38	0.069	2	Pass
20MHz_Low_16QAM_50@24	19.31	18.41	0.069	2	Pass
20MHz_Low_16QAM_50@50	19.26	18.36	0.069	2	Pass
20MHz_Low_16QAM_100@0	19.24	18.34	0.068	2	Pass
20MHz_Middle_QPSK_1@0	20.94	20.04	0.101	2	Pass
20MHz_Middle_QPSK_1@49	20.95	20.05	0.101	2	Pass
20MHz_Middle_QPSK_1@99	20.96	20.06	0.101	2	Pass
20MHz_Middle_QPSK_50@0	20.25	19.35	0.086	2	Pass
20MHz_Middle_QPSK_50@24	20.15	19.25	0.084	2	Pass
20MHz_Middle_QPSK_50@50	20.22	19.32	0.086	2	Pass
20MHz_Middle_QPSK_100@0	20.26	19.36	0.086	2	Pass
20MHz_Middle_16QAM_1@0	20.46	19.56	0.090	2	Pass
20MHz_Middle_16QAM_1@49	20.42	19.52	0.090	2	Pass
20MHz_Middle_16QAM_1@99	20.44	19.54	0.090	2	Pass
20MHz_Middle_16QAM_50@0	19.22	18.32	0.068	2	Pass
20MHz_Middle_16QAM_50@24	19.21	18.31	0.068	2	Pass
20MHz_Middle_16QAM_50@50	19.23	18.33	0.068	2	Pass
20MHz_Middle_16QAM_100@0	19.27	18.37	0.069	2	Pass
20MHz_High_QPSK_1@0	21.28	20.38	0.109	2	Pass
20MHz_High_QPSK_1@49	21.19	20.29	0.107	2	Pass
20MHz_High_QPSK_1@99	21.27	20.37	0.109	2	Pass
20MHz_High_QPSK_50@0	20.11	19.21	0.083	2	Pass
20MHz_High_QPSK_50@24	20.21	19.31	0.085	2	Pass
20MHz_High_QPSK_50@50	20.11	19.21	0.083	2	Pass
20MHz_High_QPSK_100@0	20.21	19.31	0.085	2	Pass
20MHz_High_16QAM_1@0	21.28	20.38	0.109	2	Pass
20MHz_High_16QAM_1@49	21.23	20.33	0.108	2	Pass
20MHz_High_16QAM_1@99	21.29	20.39	0.109	2	Pass
20MHz_High_16QAM_50@0	19.36	18.46	0.070	2	Pass
20MHz_High_16QAM_50@24	19.31	18.41	0.069	2	Pass
20MHz_High_16QAM_50@50	19.32	18.42	0.070	2	Pass
20MHz_High_16QAM_100@0	19.28	18.38	0.069	2	Pass

Note:

EIRP = Conducted Power(dBm) + Antenna Gain(dBi) - Cable Loss(dB)

1.Antenna Gain = -0.6dBi;

2.Cable Loss = 0.3dB.

FCC Part 27&IC RSS 130**LTE Band 12, Normal**

Mode	Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
1.4MHz_Low_QPSK_1@0	22.24	14.42	0.028	3	Pass
1.4MHz_Low_QPSK_1@3	22.25	14.43	0.028	3	Pass
1.4MHz_Low_QPSK_1@5	22.23	14.41	0.028	3	Pass
1.4MHz_Low_QPSK_3@0	22.22	14.40	0.028	3	Pass
1.4MHz_Low_QPSK_3@1	22.16	14.34	0.027	3	Pass
1.4MHz_Low_QPSK_3@3	22.10	14.28	0.027	3	Pass
1.4MHz_Low_QPSK_6@0	21.13	13.31	0.021	3	Pass
1.4MHz_Low_16QAM_1@0	22.14	14.32	0.027	3	Pass
1.4MHz_Low_16QAM_1@3	22.13	14.31	0.027	3	Pass
1.4MHz_Low_16QAM_1@5	22.18	14.36	0.027	3	Pass
1.4MHz_Low_16QAM_3@0	21.39	13.57	0.023	3	Pass
1.4MHz_Low_16QAM_3@1	21.37	13.55	0.023	3	Pass
1.4MHz_Low_16QAM_3@3	21.32	13.50	0.022	3	Pass
1.4MHz_Low_16QAM_6@0	20.49	12.67	0.018	3	Pass
1.4MHz_Middle_QPSK_1@0	22.12	14.30	0.027	3	Pass
1.4MHz_Middle_QPSK_1@3	22.16	14.34	0.027	3	Pass
1.4MHz_Middle_QPSK_1@5	22.16	14.34	0.027	3	Pass
1.4MHz_Middle_QPSK_3@0	22.09	14.27	0.027	3	Pass
1.4MHz_Middle_QPSK_3@1	22.18	14.36	0.027	3	Pass
1.4MHz_Middle_QPSK_3@3	22.14	14.32	0.027	3	Pass
1.4MHz_Middle_QPSK_6@0	21.18	13.36	0.022	3	Pass
1.4MHz_Middle_16QAM_1@0	22.41	14.59	0.029	3	Pass
1.4MHz_Middle_16QAM_1@3	22.44	14.62	0.029	3	Pass
1.4MHz_Middle_16QAM_1@5	22.47	14.65	0.029	3	Pass
1.4MHz_Middle_16QAM_3@0	21.34	13.52	0.022	3	Pass
1.4MHz_Middle_16QAM_3@1	21.47	13.65	0.023	3	Pass
1.4MHz_Middle_16QAM_3@3	21.42	13.60	0.023	3	Pass
1.4MHz_Middle_16QAM_6@0	20.76	12.94	0.020	3	Pass
1.4MHz_High_QPSK_1@0	22.11	14.29	0.027	3	Pass
1.4MHz_High_QPSK_1@3	22.15	14.33	0.027	3	Pass
1.4MHz_High_QPSK_1@5	22.17	14.35	0.027	3	Pass
1.4MHz_High_QPSK_3@0	22.16	14.34	0.027	3	Pass
1.4MHz_High_QPSK_3@1	22.16	14.34	0.027	3	Pass
1.4MHz_High_QPSK_3@3	22.23	14.41	0.028	3	Pass
1.4MHz_High_QPSK_6@0	21.10	13.28	0.021	3	Pass
1.4MHz_High_16QAM_1@0	22.39	14.57	0.029	3	Pass
1.4MHz_High_16QAM_1@3	22.34	14.52	0.028	3	Pass
1.4MHz_High_16QAM_1@5	22.32	14.50	0.028	3	Pass
1.4MHz_High_16QAM_3@0	21.22	13.40	0.022	3	Pass
1.4MHz_High_16QAM_3@1	21.24	13.42	0.022	3	Pass
1.4MHz_High_16QAM_3@3	21.25	13.43	0.022	3	Pass
1.4MHz_High_16QAM_6@0	20.28	12.46	0.018	3	Pass
3MHz_Low_QPSK_1@0	22.25	14.43	0.028	3	Pass
3MHz_Low_QPSK_1@8	22.27	14.45	0.028	3	Pass
3MHz_Low_QPSK_1@14	22.26	14.44	0.028	3	Pass
3MHz_Low_QPSK_8@0	21.15	13.33	0.022	3	Pass
3MHz_Low_QPSK_8@4	21.06	13.24	0.021	3	Pass
3MHz_Low_QPSK_8@7	21.10	13.28	0.021	3	Pass

Mode	Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
3MHz_Low_QPSK_15@0	21.13	13.31	0.021	3	Pass
3MHz_Low_16QAM_1@0	22.36	14.54	0.028	3	Pass
3MHz_Low_16QAM_1@8	22.31	14.49	0.028	3	Pass
3MHz_Low_16QAM_1@14	22.45	14.63	0.029	3	Pass
3MHz_Low_16QAM_8@0	20.33	12.51	0.018	3	Pass
3MHz_Low_16QAM_8@4	20.36	12.54	0.018	3	Pass
3MHz_Low_16QAM_8@7	20.70	12.88	0.019	3	Pass
3MHz_Low_16QAM_15@0	20.20	12.38	0.017	3	Pass
3MHz_Middle_QPSK_1@0	22.25	14.43	0.028	3	Pass
3MHz_Middle_QPSK_1@8	22.21	14.39	0.027	3	Pass
3MHz_Middle_QPSK_1@14	22.14	14.32	0.027	3	Pass
3MHz_Middle_QPSK_8@0	21.14	13.32	0.021	3	Pass
3MHz_Middle_QPSK_8@4	21.13	13.31	0.021	3	Pass
3MHz_Middle_QPSK_8@7	21.09	13.27	0.021	3	Pass
3MHz_Middle_QPSK_15@0	21.07	13.25	0.021	3	Pass
3MHz_Middle_16QAM_1@0	21.92	14.10	0.026	3	Pass
3MHz_Middle_16QAM_1@8	22.11	14.29	0.027	3	Pass
3MHz_Middle_16QAM_1@14	22.03	14.21	0.026	3	Pass
3MHz_Middle_16QAM_8@0	20.04	12.22	0.017	3	Pass
3MHz_Middle_16QAM_8@4	20.59	12.77	0.019	3	Pass
3MHz_Middle_16QAM_8@7	20.59	12.77	0.019	3	Pass
3MHz_Middle_16QAM_15@0	20.50	12.68	0.019	3	Pass
3MHz_High_QPSK_1@0	22.03	14.21	0.026	3	Pass
3MHz_High_QPSK_1@8	22.03	14.21	0.026	3	Pass
3MHz_High_QPSK_1@14	22.08	14.26	0.027	3	Pass
3MHz_High_QPSK_8@0	21.10	13.28	0.021	3	Pass
3MHz_High_QPSK_8@4	21.10	13.28	0.021	3	Pass
3MHz_High_QPSK_8@7	21.17	13.35	0.022	3	Pass
3MHz_High_QPSK_15@0	21.09	13.27	0.021	3	Pass
3MHz_High_16QAM_1@0	22.14	14.32	0.027	3	Pass
3MHz_High_16QAM_1@8	22.10	14.28	0.027	3	Pass
3MHz_High_16QAM_1@14	22.14	14.32	0.027	3	Pass
3MHz_High_16QAM_8@0	19.95	12.13	0.016	3	Pass
3MHz_High_16QAM_8@4	19.89	12.07	0.016	3	Pass
3MHz_High_16QAM_8@7	20.43	12.61	0.018	3	Pass
3MHz_High_16QAM_15@0	20.22	12.40	0.017	3	Pass
5MHz_Low_QPSK_1@0	22.22	14.40	0.028	3	Pass
5MHz_Low_QPSK_1@12	22.24	14.42	0.028	3	Pass
5MHz_Low_QPSK_1@24	22.23	14.41	0.028	3	Pass
5MHz_Low_QPSK_12@0	21.12	13.30	0.021	3	Pass
5MHz_Low_QPSK_12@7	21.23	13.41	0.022	3	Pass
5MHz_Low_QPSK_12@13	21.09	13.27	0.021	3	Pass
5MHz_Low_QPSK_25@0	21.12	13.30	0.021	3	Pass
5MHz_Low_16QAM_1@0	21.50	13.68	0.023	3	Pass
5MHz_Low_16QAM_1@12	21.53	13.71	0.023	3	Pass
5MHz_Low_16QAM_1@24	21.61	13.79	0.024	3	Pass
5MHz_Low_16QAM_12@0	20.26	12.44	0.018	3	Pass
5MHz_Low_16QAM_12@7	20.64	12.82	0.019	3	Pass
5MHz_Low_16QAM_12@13	20.60	12.78	0.019	3	Pass
5MHz_Low_16QAM_25@0	20.83	13.01	0.020	3	Pass

Mode	Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
5MHz_Middle_QPSK_1@0	21.91	14.09	0.026	3	Pass
5MHz_Middle_QPSK_1@12	21.94	14.12	0.026	3	Pass
5MHz_Middle_QPSK_1@24	22	14.18	0.026	3	Pass
5MHz_Middle_QPSK_12@0	21.14	13.32	0.021	3	Pass
5MHz_Middle_QPSK_12@7	21.22	13.40	0.022	3	Pass
5MHz_Middle_QPSK_12@13	21.21	13.39	0.022	3	Pass
5MHz_Middle_QPSK_25@0	21.11	13.29	0.021	3	Pass
5MHz_Middle_16QAM_1@0	21.38	13.56	0.023	3	Pass
5MHz_Middle_16QAM_1@12	21.37	13.55	0.023	3	Pass
5MHz_Middle_16QAM_1@24	21.45	13.63	0.023	3	Pass
5MHz_Middle_16QAM_12@0	20.11	12.29	0.017	3	Pass
5MHz_Middle_16QAM_12@7	20.63	12.81	0.019	3	Pass
5MHz_Middle_16QAM_12@13	20.59	12.77	0.019	3	Pass
5MHz_Middle_16QAM_25@0	20.59	12.77	0.019	3	Pass
5MHz_High_QPSK_1@0	22.02	14.20	0.026	3	Pass
5MHz_High_QPSK_1@12	21.94	14.12	0.026	3	Pass
5MHz_High_QPSK_1@24	21.97	14.15	0.026	3	Pass
5MHz_High_QPSK_12@0	21.04	13.22	0.021	3	Pass
5MHz_High_QPSK_12@7	21.05	13.23	0.021	3	Pass
5MHz_High_QPSK_12@13	21.12	13.30	0.021	3	Pass
5MHz_High_QPSK_25@0	21.12	13.30	0.021	3	Pass
5MHz_High_16QAM_1@0	21.21	13.39	0.022	3	Pass
5MHz_High_16QAM_1@12	21.18	13.36	0.022	3	Pass
5MHz_High_16QAM_1@24	21.27	13.45	0.022	3	Pass
5MHz_High_16QAM_12@0	20.51	12.69	0.019	3	Pass
5MHz_High_16QAM_12@7	20.05	12.23	0.017	3	Pass
5MHz_High_16QAM_12@13	20.06	12.24	0.017	3	Pass
5MHz_High_16QAM_25@0	20.29	12.47	0.018	3	Pass
10MHz_Low_QPSK_1@0	22.27	14.45	0.028	3	Pass
10MHz_Low_QPSK_1@25	22.17	14.35	0.027	3	Pass
10MHz_Low_QPSK_1@49	22.21	14.39	0.027	3	Pass
10MHz_Low_QPSK_25@0	21.29	13.47	0.022	3	Pass
10MHz_Low_QPSK_25@12	21.28	13.46	0.022	3	Pass
10MHz_Low_QPSK_25@25	21.14	13.32	0.021	3	Pass
10MHz_Low_QPSK_50@0	21.25	13.43	0.022	3	Pass
10MHz_Low_16QAM_1@0	21.83	14.01	0.025	3	Pass
10MHz_Low_16QAM_1@25	21.89	14.07	0.026	3	Pass
10MHz_Low_16QAM_1@49	21.79	13.97	0.025	3	Pass
10MHz_Low_16QAM_25@0	20.71	12.89	0.019	3	Pass
10MHz_Low_16QAM_25@12	20.26	12.44	0.018	3	Pass
10MHz_Low_16QAM_25@25	20.17	12.35	0.017	3	Pass
10MHz_Low_16QAM_50@0	20.24	12.42	0.017	3	Pass
10MHz_Middle_QPSK_1@0	22.23	14.41	0.028	3	Pass
10MHz_Middle_QPSK_1@25	22.15	14.33	0.027	3	Pass
10MHz_Middle_QPSK_1@49	22.22	14.40	0.028	3	Pass
10MHz_Middle_QPSK_25@0	21.26	13.44	0.022	3	Pass
10MHz_Middle_QPSK_25@12	21.14	13.32	0.021	3	Pass
10MHz_Middle_QPSK_25@25	21.22	13.40	0.022	3	Pass
10MHz_Middle_QPSK_50@0	21.19	13.37	0.022	3	Pass
10MHz_Middle_16QAM_1@0	21.43	13.61	0.023	3	Pass

Mode	Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
10MHz_Middle_16QAM_1@25	21.48	13.66	0.023	3	Pass
10MHz_Middle_16QAM_1@49	21.44	13.62	0.023	3	Pass
10MHz_Middle_16QAM_25@0	20.31	12.49	0.018	3	Pass
10MHz_Middle_16QAM_25@12	20.75	12.93	0.020	3	Pass
10MHz_Middle_16QAM_25@25	20.77	12.95	0.020	3	Pass
10MHz_Middle_16QAM_50@0	20.71	12.89	0.019	3	Pass
10MHz_High_QPSK_1@0	22.31	14.49	0.028	3	Pass
10MHz_High_QPSK_1@25	22.27	14.45	0.028	3	Pass
10MHz_High_QPSK_1@49	22.41	14.59	0.029	3	Pass
10MHz_High_QPSK_25@0	21.09	13.27	0.021	3	Pass
10MHz_High_QPSK_25@12	21.26	13.44	0.022	3	Pass
10MHz_High_QPSK_25@25	21.19	13.37	0.022	3	Pass
10MHz_High_QPSK_50@0	21.22	13.40	0.022	3	Pass
10MHz_High_16QAM_1@0	21.97	14.15	0.026	3	Pass
10MHz_High_16QAM_1@25	22.05	14.23	0.026	3	Pass
10MHz_High_16QAM_1@49	22.04	14.22	0.026	3	Pass
10MHz_High_16QAM_25@0	20.70	12.88	0.019	3	Pass
10MHz_High_16QAM_25@12	20.71	12.89	0.019	3	Pass
10MHz_High_16QAM_25@25	20.27	12.45	0.018	3	Pass
10MHz_High_16QAM_50@0	20.64	12.82	0.019	3	Pass

Note:
ERP = Conducted Power(dBm) + Antenna Gain(dBd) - Cable Loss(dB)
Antenna Gain(dBd) = Antenna Gain(dBi) - 2.15
1.Antenna Gain = -5.57dBi;
2.Cable Loss = 0.1dB.

FCC Part 27&IC RSS 130**LTE Band 17, Normal**

Mode	Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
5MHz_Low_QPSK_1@0	22.20	14.38	0.027	3	Pass
5MHz_Low_QPSK_1@12	22.15	14.33	0.027	3	Pass
5MHz_Low_QPSK_1@24	22.24	14.42	0.028	3	Pass
5MHz_Low_QPSK_12@0	21.22	13.40	0.022	3	Pass
5MHz_Low_QPSK_12@7	21.16	13.34	0.022	3	Pass
5MHz_Low_QPSK_12@13	21.14	13.32	0.021	3	Pass
5MHz_Low_QPSK_25@0	21.18	13.36	0.022	3	Pass
5MHz_Low_16QAM_1@0	21.60	13.78	0.024	3	Pass
5MHz_Low_16QAM_1@12	21.55	13.73	0.024	3	Pass
5MHz_Low_16QAM_1@24	21.51	13.69	0.023	3	Pass
5MHz_Low_16QAM_12@0	20.16	12.34	0.017	3	Pass
5MHz_Low_16QAM_12@7	20.11	12.29	0.017	3	Pass
5MHz_Low_16QAM_12@13	20.66	12.84	0.019	3	Pass
5MHz_Low_16QAM_25@0	20.28	12.46	0.018	3	Pass
5MHz_Middle_QPSK_1@0	21.91	14.09	0.026	3	Pass
5MHz_Middle_QPSK_1@12	22.01	14.19	0.026	3	Pass
5MHz_Middle_QPSK_1@24	21.92	14.10	0.026	3	Pass
5MHz_Middle_QPSK_12@0	21.18	13.36	0.022	3	Pass
5MHz_Middle_QPSK_12@7	21.24	13.42	0.022	3	Pass
5MHz_Middle_QPSK_12@13	21.15	13.33	0.022	3	Pass
5MHz_Middle_QPSK_25@0	21.28	13.46	0.022	3	Pass
5MHz_Middle_16QAM_1@0	21.36	13.54	0.023	3	Pass
5MHz_Middle_16QAM_1@12	21.49	13.67	0.023	3	Pass
5MHz_Middle_16QAM_1@24	21.34	13.52	0.022	3	Pass
5MHz_Middle_16QAM_12@0	20.61	12.79	0.019	3	Pass
5MHz_Middle_16QAM_12@7	20.58	12.76	0.019	3	Pass
5MHz_Middle_16QAM_12@13	20.59	12.77	0.019	3	Pass
5MHz_Middle_16QAM_25@0	20.63	12.81	0.019	3	Pass
5MHz_High_QPSK_1@0	22.03	14.21	0.026	3	Pass
5MHz_High_QPSK_1@12	22.03	14.21	0.026	3	Pass
5MHz_High_QPSK_1@24	22.09	14.27	0.027	3	Pass
5MHz_High_QPSK_12@0	21.05	13.23	0.021	3	Pass
5MHz_High_QPSK_12@7	21.14	13.32	0.021	3	Pass
5MHz_High_QPSK_12@13	21.13	13.31	0.021	3	Pass
5MHz_High_QPSK_25@0	21.19	13.37	0.022	3	Pass
5MHz_High_16QAM_1@0	21.23	13.41	0.022	3	Pass
5MHz_High_16QAM_1@12	21.21	13.39	0.022	3	Pass
5MHz_High_16QAM_1@24	21.33	13.51	0.022	3	Pass
5MHz_High_16QAM_12@0	20.62	12.80	0.019	3	Pass
5MHz_High_16QAM_12@7	20.14	12.32	0.017	3	Pass
5MHz_High_16QAM_12@13	20.11	12.29	0.017	3	Pass
5MHz_High_16QAM_25@0	20.31	12.49	0.018	3	Pass
10MHz_Low_QPSK_1@0	22.24	14.42	0.028	3	Pass
10MHz_Low_QPSK_1@25	22.24	14.42	0.028	3	Pass
10MHz_Low_QPSK_1@49	22.23	14.41	0.028	3	Pass
10MHz_Low_QPSK_25@0	21.18	13.36	0.022	3	Pass
10MHz_Low_QPSK_25@12	21.09	13.27	0.021	3	Pass
10MHz_Low_QPSK_25@25	21.06	13.24	0.021	3	Pass

Mode	Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
10MHz_Low_QPSK_50@0	21.13	13.31	0.021	3	Pass
10MHz_Low_16QAM_1@0	21.84	14.02	0.025	3	Pass
10MHz_Low_16QAM_1@25	21.80	13.98	0.025	3	Pass
10MHz_Low_16QAM_1@49	21.90	14.08	0.026	3	Pass
10MHz_Low_16QAM_25@0	20.15	12.33	0.017	3	Pass
10MHz_Low_16QAM_25@12	20.64	12.82	0.019	3	Pass
10MHz_Low_16QAM_25@25	20.70	12.88	0.019	3	Pass
10MHz_Low_16QAM_50@0	20.62	12.80	0.019	3	Pass
10MHz_Middle_QPSK_1@0	22.18	14.36	0.027	3	Pass
10MHz_Middle_QPSK_1@25	22.20	14.38	0.027	3	Pass
10MHz_Middle_QPSK_1@49	22.15	14.33	0.027	3	Pass
10MHz_Middle_QPSK_25@0	21.19	13.37	0.022	3	Pass
10MHz_Middle_QPSK_25@12	21.29	13.47	0.022	3	Pass
10MHz_Middle_QPSK_25@25	21.18	13.36	0.022	3	Pass
10MHz_Middle_QPSK_50@0	21.26	13.44	0.022	3	Pass
10MHz_Middle_16QAM_1@0	21.54	13.72	0.024	3	Pass
10MHz_Middle_16QAM_1@25	21.48	13.66	0.023	3	Pass
10MHz_Middle_16QAM_1@49	21.45	13.63	0.023	3	Pass
10MHz_Middle_16QAM_25@0	20.77	12.95	0.020	3	Pass
10MHz_Middle_16QAM_25@12	20.73	12.91	0.020	3	Pass
10MHz_Middle_16QAM_25@25	20.77	12.95	0.020	3	Pass
10MHz_Middle_16QAM_50@0	20.75	12.93	0.020	3	Pass
10MHz_High_QPSK_1@0	22.32	14.50	0.028	3	Pass
10MHz_High_QPSK_1@25	22.38	14.56	0.029	3	Pass
10MHz_High_QPSK_1@49	22.42	14.60	0.029	3	Pass
10MHz_High_QPSK_25@0	21.09	13.27	0.021	3	Pass
10MHz_High_QPSK_25@12	21.26	13.44	0.022	3	Pass
10MHz_High_QPSK_25@25	21.26	13.44	0.022	3	Pass
10MHz_High_QPSK_50@0	21.26	13.44	0.022	3	Pass
10MHz_High_16QAM_1@0	21.98	14.16	0.026	3	Pass
10MHz_High_16QAM_1@25	22.11	14.29	0.027	3	Pass
10MHz_High_16QAM_1@49	22.04	14.22	0.026	3	Pass
10MHz_High_16QAM_25@0	20.71	12.89	0.019	3	Pass
10MHz_High_16QAM_25@12	20.72	12.90	0.019	3	Pass
10MHz_High_16QAM_25@25	20.28	12.46	0.018	3	Pass
10MHz_High_16QAM_50@0	20.65	12.83	0.019	3	Pass

Note:

ERP = Conducted Power(dBm) + Antenna Gain(dBd) - Cable Loss(dB)

Antenna Gain(dBd) = Antenna Gain(dBi) - 2.15

1.Antenna Gain = -5.57dBi;

2.Cable Loss = 0.1dB.

FCC Part 27&IC RSS 139**LTE Band 66, Normal**

Mode	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
1.4MHz_Low_QPSK_1@0	21.66	20.16	0.104	1	Pass
1.4MHz_Low_QPSK_1@3	21.65	20.15	0.104	1	Pass
1.4MHz_Low_QPSK_1@5	21.68	20.18	0.104	1	Pass
1.4MHz_Low_QPSK_3@0	21.55	20.05	0.101	1	Pass
1.4MHz_Low_QPSK_3@1	21.63	20.13	0.103	1	Pass
1.4MHz_Low_QPSK_3@3	21.59	20.09	0.102	1	Pass
1.4MHz_Low_QPSK_6@0	20.55	19.05	0.080	1	Pass
1.4MHz_Low_16QAM_1@0	22	20.50	0.112	1	Pass
1.4MHz_Low_16QAM_1@3	21.97	20.47	0.111	1	Pass
1.4MHz_Low_16QAM_1@5	21.93	20.43	0.110	1	Pass
1.4MHz_Low_16QAM_3@0	20.70	19.20	0.083	1	Pass
1.4MHz_Low_16QAM_3@1	20.74	19.24	0.084	1	Pass
1.4MHz_Low_16QAM_3@3	20.73	19.23	0.084	1	Pass
1.4MHz_Low_16QAM_6@0	19.24	17.74	0.059	1	Pass
1.4MHz_Middle_QPSK_1@0	21.52	20.02	0.100	1	Pass
1.4MHz_Middle_QPSK_1@3	21.50	20.00	0.100	1	Pass
1.4MHz_Middle_QPSK_1@5	21.51	20.01	0.100	1	Pass
1.4MHz_Middle_QPSK_3@0	21.51	20.01	0.100	1	Pass
1.4MHz_Middle_QPSK_3@1	21.57	20.07	0.102	1	Pass
1.4MHz_Middle_QPSK_3@3	21.69	20.19	0.104	1	Pass
1.4MHz_Middle_QPSK_6@0	20.59	19.09	0.081	1	Pass
1.4MHz_Middle_16QAM_1@0	21.43	19.93	0.098	1	Pass
1.4MHz_Middle_16QAM_1@3	21.35	19.85	0.097	1	Pass
1.4MHz_Middle_16QAM_1@5	21.33	19.83	0.096	1	Pass
1.4MHz_Middle_16QAM_3@0	20.94	19.44	0.088	1	Pass
1.4MHz_Middle_16QAM_3@1	20.90	19.40	0.087	1	Pass
1.4MHz_Middle_16QAM_3@3	20.82	19.32	0.086	1	Pass
1.4MHz_Middle_16QAM_6@0	19.70	18.20	0.066	1	Pass
1.4MHz_High_QPSK_1@0	21.81	20.31	0.107	1	Pass
1.4MHz_High_QPSK_1@3	21.79	20.29	0.107	1	Pass
1.4MHz_High_QPSK_1@5	21.79	20.29	0.107	1	Pass
1.4MHz_High_QPSK_3@0	21.60	20.10	0.102	1	Pass
1.4MHz_High_QPSK_3@1	21.65	20.15	0.104	1	Pass
1.4MHz_High_QPSK_3@3	21.58	20.08	0.102	1	Pass
1.4MHz_High_QPSK_6@0	20.61	19.11	0.081	1	Pass
1.4MHz_High_16QAM_1@0	21.78	20.28	0.107	1	Pass
1.4MHz_High_16QAM_1@3	21.79	20.29	0.107	1	Pass
1.4MHz_High_16QAM_1@5	21.86	20.36	0.109	1	Pass
1.4MHz_High_16QAM_3@0	20.85	19.35	0.086	1	Pass
1.4MHz_High_16QAM_3@1	20.82	19.32	0.086	1	Pass
1.4MHz_High_16QAM_3@3	20.87	19.37	0.086	1	Pass
1.4MHz_High_16QAM_6@0	19.80	18.30	0.068	1	Pass
3MHz_Low_QPSK_1@0	21.67	20.17	0.104	1	Pass
3MHz_Low_QPSK_1@8	21.66	20.16	0.104	1	Pass
3MHz_Low_QPSK_1@14	21.63	20.13	0.103	1	Pass
3MHz_Low_QPSK_8@0	20.56	19.06	0.081	1	Pass
3MHz_Low_QPSK_8@4	20.54	19.04	0.080	1	Pass
3MHz_Low_QPSK_8@7	20.55	19.05	0.080	1	Pass

Mode	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
3MHz_Low_QPSK_15@0	20.52	19.02	0.080	1	Pass
3MHz_Low_16QAM_1@0	21.97	20.47	0.111	1	Pass
3MHz_Low_16QAM_1@8	22.01	20.51	0.112	1	Pass
3MHz_Low_16QAM_1@14	21.91	20.41	0.110	1	Pass
3MHz_Low_16QAM_8@0	19.84	18.34	0.068	1	Pass
3MHz_Low_16QAM_8@4	19.77	18.27	0.067	1	Pass
3MHz_Low_16QAM_8@7	19.96	18.46	0.070	1	Pass
3MHz_Low_16QAM_15@0	19.66	18.16	0.065	1	Pass
3MHz_Middle_QPSK_1@0	21.50	20.00	0.100	1	Pass
3MHz_Middle_QPSK_1@8	21.48	19.98	0.100	1	Pass
3MHz_Middle_QPSK_1@14	21.54	20.04	0.101	1	Pass
3MHz_Middle_QPSK_8@0	20.63	19.13	0.082	1	Pass
3MHz_Middle_QPSK_8@4	20.58	19.08	0.081	1	Pass
3MHz_Middle_QPSK_8@7	20.56	19.06	0.081	1	Pass
3MHz_Middle_QPSK_15@0	20.66	19.16	0.082	1	Pass
3MHz_Middle_16QAM_1@0	21.45	19.95	0.099	1	Pass
3MHz_Middle_16QAM_1@8	21.37	19.87	0.097	1	Pass
3MHz_Middle_16QAM_1@14	21.39	19.89	0.097	1	Pass
3MHz_Middle_16QAM_8@0	19.57	18.07	0.064	1	Pass
3MHz_Middle_16QAM_8@4	19.60	18.10	0.065	1	Pass
3MHz_Middle_16QAM_8@7	19.63	18.13	0.065	1	Pass
3MHz_Middle_16QAM_15@0	19.51	18.01	0.063	1	Pass
3MHz_High_QPSK_1@0	21.86	20.36	0.109	1	Pass
3MHz_High_QPSK_1@8	21.86	20.36	0.109	1	Pass
3MHz_High_QPSK_1@14	21.86	20.36	0.109	1	Pass
3MHz_High_QPSK_8@0	20.66	19.16	0.082	1	Pass
3MHz_High_QPSK_8@4	20.66	19.16	0.082	1	Pass
3MHz_High_QPSK_8@7	20.59	19.09	0.081	1	Pass
3MHz_High_QPSK_15@0	20.64	19.14	0.082	1	Pass
3MHz_High_16QAM_1@0	21.79	20.29	0.107	1	Pass
3MHz_High_16QAM_1@8	21.78	20.28	0.107	1	Pass
3MHz_High_16QAM_1@14	21.70	20.20	0.105	1	Pass
3MHz_High_16QAM_8@0	19.88	18.38	0.069	1	Pass
3MHz_High_16QAM_8@4	19.50	18.00	0.063	1	Pass
3MHz_High_16QAM_8@7	19.51	18.01	0.063	1	Pass
3MHz_High_16QAM_15@0	19.74	18.24	0.067	1	Pass
5MHz_Low_QPSK_1@0	21.76	20.26	0.106	1	Pass
5MHz_Low_QPSK_1@12	21.70	20.20	0.105	1	Pass
5MHz_Low_QPSK_1@24	21.68	20.18	0.104	1	Pass
5MHz_Low_QPSK_12@0	20.63	19.13	0.082	1	Pass
5MHz_Low_QPSK_12@7	20.68	19.18	0.083	1	Pass
5MHz_Low_QPSK_12@13	20.60	19.10	0.081	1	Pass
5MHz_Low_QPSK_25@0	20.53	19.03	0.080	1	Pass
5MHz_Low_16QAM_1@0	21.53	20.03	0.101	1	Pass
5MHz_Low_16QAM_1@12	21.44	19.94	0.099	1	Pass
5MHz_Low_16QAM_1@24	21.47	19.97	0.099	1	Pass
5MHz_Low_16QAM_12@0	19.59	18.09	0.064	1	Pass
5MHz_Low_16QAM_12@7	19.56	18.06	0.064	1	Pass
5MHz_Low_16QAM_12@13	19.63	18.13	0.065	1	Pass
5MHz_Low_16QAM_25@0	19.72	18.22	0.066	1	Pass

Mode	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_Middle_QPSK_1@0	21.41	19.91	0.098	1	Pass
5MHz_Middle_QPSK_1@12	21.42	19.92	0.098	1	Pass
5MHz_Middle_QPSK_1@24	21.48	19.98	0.100	1	Pass
5MHz_Middle_QPSK_12@0	20.75	19.25	0.084	1	Pass
5MHz_Middle_QPSK_12@7	20.76	19.26	0.084	1	Pass
5MHz_Middle_QPSK_12@13	20.64	19.14	0.082	1	Pass
5MHz_Middle_QPSK_25@0	20.61	19.11	0.081	1	Pass
5MHz_Middle_16QAM_1@0	20.92	19.42	0.087	1	Pass
5MHz_Middle_16QAM_1@12	20.88	19.38	0.087	1	Pass
5MHz_Middle_16QAM_1@24	20.92	19.42	0.087	1	Pass
5MHz_Middle_16QAM_12@0	19.79	18.29	0.067	1	Pass
5MHz_Middle_16QAM_12@7	19.70	18.20	0.066	1	Pass
5MHz_Middle_16QAM_12@13	19.66	18.16	0.065	1	Pass
5MHz_Middle_16QAM_25@0	19.69	18.19	0.066	1	Pass
5MHz_High_QPSK_1@0	21.55	20.05	0.101	1	Pass
5MHz_High_QPSK_1@12	21.51	20.01	0.100	1	Pass
5MHz_High_QPSK_1@24	21.56	20.06	0.101	1	Pass
5MHz_High_QPSK_12@0	20.57	19.07	0.081	1	Pass
5MHz_High_QPSK_12@7	20.50	19.00	0.079	1	Pass
5MHz_High_QPSK_12@13	20.67	19.17	0.083	1	Pass
5MHz_High_QPSK_25@0	20.54	19.04	0.080	1	Pass
5MHz_High_16QAM_1@0	20.75	19.25	0.084	1	Pass
5MHz_High_16QAM_1@12	20.73	19.23	0.084	1	Pass
5MHz_High_16QAM_1@24	20.74	19.24	0.084	1	Pass
5MHz_High_16QAM_12@0	19.93	18.43	0.070	1	Pass
5MHz_High_16QAM_12@7	19.91	18.41	0.069	1	Pass
5MHz_High_16QAM_12@13	19.53	18.03	0.064	1	Pass
5MHz_High_16QAM_25@0	20.17	18.67	0.074	1	Pass
10MHz_Low_QPSK_1@0	21.76	20.26	0.106	1	Pass
10MHz_Low_QPSK_1@25	21.76	20.26	0.106	1	Pass
10MHz_Low_QPSK_1@49	21.82	20.32	0.108	1	Pass
10MHz_Low_QPSK_25@0	20.50	19.00	0.079	1	Pass
10MHz_Low_QPSK_25@12	20.70	19.20	0.083	1	Pass
10MHz_Low_QPSK_25@25	20.55	19.05	0.080	1	Pass
10MHz_Low_QPSK_50@0	20.73	19.23	0.084	1	Pass
10MHz_Low_16QAM_1@0	21.28	19.78	0.095	1	Pass
10MHz_Low_16QAM_1@25	21.24	19.74	0.094	1	Pass
10MHz_Low_16QAM_1@49	21.24	19.74	0.094	1	Pass
10MHz_Low_16QAM_25@0	19.68	18.18	0.066	1	Pass
10MHz_Low_16QAM_25@12	19.73	18.23	0.067	1	Pass
10MHz_Low_16QAM_25@25	19.78	18.28	0.067	1	Pass
10MHz_Low_16QAM_50@0	19.67	18.17	0.066	1	Pass
10MHz_Middle_QPSK_1@0	21.58	20.08	0.102	1	Pass
10MHz_Middle_QPSK_1@25	21.54	20.04	0.101	1	Pass
10MHz_Middle_QPSK_1@49	21.69	20.19	0.104	1	Pass
10MHz_Middle_QPSK_25@0	20.61	19.11	0.081	1	Pass
10MHz_Middle_QPSK_25@12	20.67	19.17	0.083	1	Pass
10MHz_Middle_QPSK_25@25	20.62	19.12	0.082	1	Pass
10MHz_Middle_QPSK_50@0	20.77	19.27	0.085	1	Pass
10MHz_Middle_16QAM_1@0	21.29	19.79	0.095	1	Pass

Mode	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_Middle_16QAM_1@25	21.30	19.80	0.095	1	Pass
10MHz_Middle_16QAM_1@49	21.28	19.78	0.095	1	Pass
10MHz_Middle_16QAM_25@0	19.92	18.42	0.070	1	Pass
10MHz_Middle_16QAM_25@12	19.82	18.32	0.068	1	Pass
10MHz_Middle_16QAM_25@25	19.82	18.32	0.068	1	Pass
10MHz_Middle_16QAM_50@0	19.76	18.26	0.067	1	Pass
10MHz_High_QPSK_1@0	21.83	20.33	0.108	1	Pass
10MHz_High_QPSK_1@25	21.86	20.36	0.109	1	Pass
10MHz_High_QPSK_1@49	21.85	20.35	0.108	1	Pass
10MHz_High_QPSK_25@0	20.73	19.23	0.084	1	Pass
10MHz_High_QPSK_25@12	20.70	19.20	0.083	1	Pass
10MHz_High_QPSK_25@25	20.67	19.17	0.083	1	Pass
10MHz_High_QPSK_50@0	20.64	19.14	0.082	1	Pass
10MHz_High_16QAM_1@0	21.77	20.27	0.106	1	Pass
10MHz_High_16QAM_1@25	21.72	20.22	0.105	1	Pass
10MHz_High_16QAM_1@49	21.70	20.20	0.105	1	Pass
10MHz_High_16QAM_25@0	20.13	18.63	0.073	1	Pass
10MHz_High_16QAM_25@12	19.75	18.25	0.067	1	Pass
10MHz_High_16QAM_25@25	20.07	18.57	0.072	1	Pass
10MHz_High_16QAM_50@0	19.68	18.18	0.066	1	Pass
15MHz_Low_QPSK_1@0	21.79	20.29	0.107	1	Pass
15MHz_Low_QPSK_1@37	21.80	20.30	0.107	1	Pass
15MHz_Low_QPSK_1@74	21.85	20.35	0.108	1	Pass
15MHz_Low_QPSK_36@0	20.56	19.06	0.081	1	Pass
15MHz_Low_QPSK_36@20	20.75	19.25	0.084	1	Pass
15MHz_Low_QPSK_36@39	20.72	19.22	0.084	1	Pass
15MHz_Low_QPSK_75@0	20.67	19.17	0.083	1	Pass
15MHz_Low_16QAM_1@0	21.29	19.79	0.095	1	Pass
15MHz_Low_16QAM_1@37	21.25	19.75	0.094	1	Pass
15MHz_Low_16QAM_1@74	21.31	19.81	0.096	1	Pass
15MHz_Low_16QAM_36@0	19.78	18.28	0.067	1	Pass
15MHz_Low_16QAM_36@20	19.78	18.28	0.067	1	Pass
15MHz_Low_16QAM_36@39	19.81	18.31	0.068	1	Pass
15MHz_Low_16QAM_75@0	19.75	18.25	0.067	1	Pass
15MHz_Middle_QPSK_1@0	21.63	20.13	0.103	1	Pass
15MHz_Middle_QPSK_1@37	21.62	20.12	0.103	1	Pass
15MHz_Middle_QPSK_1@74	21.71	20.21	0.105	1	Pass
15MHz_Middle_QPSK_36@0	20.79	19.29	0.085	1	Pass
15MHz_Middle_QPSK_36@20	20.73	19.23	0.084	1	Pass
15MHz_Middle_QPSK_36@39	20.62	19.12	0.082	1	Pass
15MHz_Middle_QPSK_75@0	20.69	19.19	0.083	1	Pass
15MHz_Middle_16QAM_1@0	21.79	20.29	0.107	1	Pass
15MHz_Middle_16QAM_1@37	21.75	20.25	0.106	1	Pass
15MHz_Middle_16QAM_1@74	21.77	20.27	0.106	1	Pass
15MHz_Middle_16QAM_36@0	19.77	18.27	0.067	1	Pass
15MHz_Middle_16QAM_36@20	19.67	18.17	0.066	1	Pass
15MHz_Middle_16QAM_36@39	19.81	18.31	0.068	1	Pass
15MHz_Middle_16QAM_75@0	19.79	18.29	0.067	1	Pass
15MHz_High_QPSK_1@0	21.95	20.45	0.111	1	Pass
15MHz_High_QPSK_1@37	21.84	20.34	0.108	1	Pass

Mode	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
15MHz_High_QPSK_1@74	21.82	20.32	0.108	1	Pass
15MHz_High_QPSK_36@0	20.68	19.18	0.083	1	Pass
15MHz_High_QPSK_36@20	20.77	19.27	0.085	1	Pass
15MHz_High_QPSK_36@39	20.59	19.09	0.081	1	Pass
15MHz_High_QPSK_75@0	20.70	19.20	0.083	1	Pass
15MHz_High_16QAM_1@0	21.87	20.37	0.109	1	Pass
15MHz_High_16QAM_1@37	21.76	20.26	0.106	1	Pass
15MHz_High_16QAM_1@74	21.74	20.24	0.106	1	Pass
15MHz_High_16QAM_36@0	19.84	18.34	0.068	1	Pass
15MHz_High_16QAM_36@20	20.10	18.60	0.072	1	Pass
15MHz_High_16QAM_36@39	20.06	18.56	0.072	1	Pass
15MHz_High_16QAM_75@0	19.99	18.49	0.071	1	Pass
20MHz_Low_QPSK_1@0	21.61	20.11	0.103	1	Pass
20MHz_Low_QPSK_1@49	21.66	20.16	0.104	1	Pass
20MHz_Low_QPSK_1@99	21.77	20.27	0.106	1	Pass
20MHz_Low_QPSK_50@0	20.64	19.14	0.082	1	Pass
20MHz_Low_QPSK_50@24	20.63	19.13	0.082	1	Pass
20MHz_Low_QPSK_50@50	20.59	19.09	0.081	1	Pass
20MHz_Low_QPSK_100@0	20.66	19.16	0.082	1	Pass
20MHz_Low_16QAM_1@0	21.17	19.67	0.093	1	Pass
20MHz_Low_16QAM_1@49	21.13	19.63	0.092	1	Pass
20MHz_Low_16QAM_1@99	21.29	19.79	0.095	1	Pass
20MHz_Low_16QAM_50@0	19.66	18.16	0.065	1	Pass
20MHz_Low_16QAM_50@24	19.72	18.22	0.066	1	Pass
20MHz_Low_16QAM_50@50	19.67	18.17	0.066	1	Pass
20MHz_Low_16QAM_100@0	19.57	18.07	0.064	1	Pass
20MHz_Middle_QPSK_1@0	21.51	20.01	0.100	1	Pass
20MHz_Middle_QPSK_1@49	21.48	19.98	0.100	1	Pass
20MHz_Middle_QPSK_1@99	21.63	20.13	0.103	1	Pass
20MHz_Middle_QPSK_50@0	20.65	19.15	0.082	1	Pass
20MHz_Middle_QPSK_50@24	20.66	19.16	0.082	1	Pass
20MHz_Middle_QPSK_50@50	20.73	19.23	0.084	1	Pass
20MHz_Middle_QPSK_100@0	20.72	19.22	0.084	1	Pass
20MHz_Middle_16QAM_1@0	21.45	19.95	0.099	1	Pass
20MHz_Middle_16QAM_1@49	21.28	19.78	0.095	1	Pass
20MHz_Middle_16QAM_1@99	21.41	19.91	0.098	1	Pass
20MHz_Middle_16QAM_50@0	19.59	18.09	0.064	1	Pass
20MHz_Middle_16QAM_50@24	19.58	18.08	0.064	1	Pass
20MHz_Middle_16QAM_50@50	19.69	18.19	0.066	1	Pass
20MHz_Middle_16QAM_100@0	19.70	18.20	0.066	1	Pass
20MHz_High_QPSK_1@0	21.78	20.28	0.107	1	Pass
20MHz_High_QPSK_1@49	21.80	20.30	0.107	1	Pass
20MHz_High_QPSK_1@99	21.83	20.33	0.108	1	Pass
20MHz_High_QPSK_50@0	20.77	19.27	0.085	1	Pass
20MHz_High_QPSK_50@24	20.75	19.25	0.084	1	Pass
20MHz_High_QPSK_50@50	20.63	19.13	0.082	1	Pass
20MHz_High_QPSK_100@0	20.65	19.15	0.082	1	Pass
20MHz_High_16QAM_1@0	21.59	20.09	0.102	1	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
20MHz_High_16QAM_1@49	21.55	20.05	0.101	1	Pass
20MHz_High_16QAM_1@99	21.52	20.02	0.100	1	Pass
20MHz_High_16QAM_50@0	19.85	18.35	0.068	1	Pass
20MHz_High_16QAM_50@24	19.80	18.30	0.068	1	Pass
20MHz_High_16QAM_50@50	19.82	18.32	0.068	1	Pass
20MHz_High_16QAM_100@0	19.82	18.32	0.068	1	Pass

Note:

EIRP = Conducted Power(dBm) + Antenna Gain(dBi) - Cable Loss(dB)

1.Antenna Gain = -1.3dBi;

2.Cable Loss = 0.2dB.

FCC Part 27N&IC RSS 130

LTE Band 71, Normal

Mode	Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
5MHz_Low_QPSK_1@0	22.12	15.85	0.038	3	Pass
5MHz_Low_QPSK_1@12	22.16	15.89	0.039	3	Pass
5MHz_Low_QPSK_1@24	22.20	15.93	0.039	3	Pass
5MHz_Low_QPSK_12@0	21.05	14.78	0.030	3	Pass
5MHz_Low_QPSK_12@7	21.09	14.82	0.030	3	Pass
5MHz_Low_QPSK_12@13	21.01	14.74	0.030	3	Pass
5MHz_Low_QPSK_25@0	21.07	14.80	0.030	3	Pass
5MHz_Low_16QAM_1@0	21.49	15.22	0.033	3	Pass
5MHz_Low_16QAM_1@12	21.57	15.30	0.034	3	Pass
5MHz_Low_16QAM_1@24	21.63	15.36	0.034	3	Pass
5MHz_Low_16QAM_12@0	20.11	13.84	0.024	3	Pass
5MHz_Low_16QAM_12@7	20.04	13.77	0.024	3	Pass
5MHz_Low_16QAM_12@13	20.02	13.75	0.024	3	Pass
5MHz_Low_16QAM_25@0	20.21	13.94	0.025	3	Pass
5MHz_Middle_QPSK_1@0	22.40	16.13	0.041	3	Pass
5MHz_Middle_QPSK_1@12	21.84	15.57	0.036	3	Pass
5MHz_Middle_QPSK_1@24	21.96	15.69	0.037	3	Pass
5MHz_Middle_QPSK_12@0	21.22	14.95	0.031	3	Pass
5MHz_Middle_QPSK_12@7	21.17	14.90	0.031	3	Pass
5MHz_Middle_QPSK_12@13	21.71	15.44	0.035	3	Pass
5MHz_Middle_QPSK_25@0	21.26	14.99	0.032	3	Pass
5MHz_Middle_16QAM_1@0	21.31	15.04	0.032	3	Pass
5MHz_Middle_16QAM_1@12	21.41	15.14	0.033	3	Pass
5MHz_Middle_16QAM_1@24	21.81	15.54	0.036	3	Pass
5MHz_Middle_16QAM_12@0	20.67	14.40	0.028	3	Pass
5MHz_Middle_16QAM_12@7	20.66	14.39	0.027	3	Pass
5MHz_Middle_16QAM_12@13	20.61	14.34	0.027	3	Pass
5MHz_Middle_16QAM_25@0	20.59	14.32	0.027	3	Pass
5MHz_High_QPSK_1@0	22.23	15.96	0.039	3	Pass
5MHz_High_QPSK_1@12	21.97	15.70	0.037	3	Pass
5MHz_High_QPSK_1@24	22.03	15.76	0.038	3	Pass
5MHz_High_QPSK_12@0	21.25	14.98	0.031	3	Pass
5MHz_High_QPSK_12@7	20.97	14.70	0.030	3	Pass
5MHz_High_QPSK_12@13	21.19	14.92	0.031	3	Pass
5MHz_High_QPSK_25@0	21.21	14.94	0.031	3	Pass

Mode	Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
5MHz_High_16QAM_1@0	21.41	15.14	0.033	3	Pass
5MHz_High_16QAM_1@12	21.25	14.98	0.031	3	Pass
5MHz_High_16QAM_1@24	21.54	15.27	0.034	3	Pass
5MHz_High_16QAM_12@0	20.30	14.03	0.025	3	Pass
5MHz_High_16QAM_12@7	20.18	13.91	0.025	3	Pass
5MHz_High_16QAM_12@13	20.13	13.86	0.024	3	Pass
5MHz_High_16QAM_25@0	20.16	13.89	0.024	3	Pass
10MHz_Low_QPSK_1@0	22.44	16.17	0.041	3	Pass
10MHz_Low_QPSK_1@25	22.26	15.99	0.040	3	Pass
10MHz_Low_QPSK_1@49	22.07	15.80	0.038	3	Pass
10MHz_Low_QPSK_25@0	21.09	14.82	0.030	3	Pass
10MHz_Low_QPSK_25@12	21.18	14.91	0.031	3	Pass
10MHz_Low_QPSK_25@25	21.03	14.76	0.030	3	Pass
10MHz_Low_QPSK_50@0	21.23	14.96	0.031	3	Pass
10MHz_Low_16QAM_1@0	21.99	15.72	0.037	3	Pass
10MHz_Low_16QAM_1@25	22.12	15.85	0.038	3	Pass
10MHz_Low_16QAM_1@49	21.99	15.72	0.037	3	Pass
10MHz_Low_16QAM_25@0	20.19	13.92	0.025	3	Pass
10MHz_Low_16QAM_25@12	20.32	14.05	0.025	3	Pass
10MHz_Low_16QAM_25@25	20.76	14.49	0.028	3	Pass
10MHz_Low_16QAM_50@0	20.20	13.93	0.025	3	Pass
10MHz_Middle_QPSK_1@0	22.29	16.02	0.040	3	Pass
10MHz_Middle_QPSK_1@25	22.10	15.83	0.038	3	Pass
10MHz_Middle_QPSK_1@49	22.19	15.92	0.039	3	Pass
10MHz_Middle_QPSK_25@0	21.06	14.79	0.030	3	Pass
10MHz_Middle_QPSK_25@12	21.17	14.90	0.031	3	Pass
10MHz_Middle_QPSK_25@25	21.66	15.39	0.035	3	Pass
10MHz_Middle_QPSK_50@0	21.25	14.98	0.031	3	Pass
10MHz_Middle_16QAM_1@0	21.50	15.23	0.033	3	Pass
10MHz_Middle_16QAM_1@25	21.53	15.26	0.034	3	Pass
10MHz_Middle_16QAM_1@49	21.52	15.25	0.033	3	Pass
10MHz_Middle_16QAM_25@0	20.27	14.00	0.025	3	Pass
10MHz_Middle_16QAM_25@12	20.74	14.47	0.028	3	Pass
10MHz_Middle_16QAM_25@25	20.76	14.49	0.028	3	Pass
10MHz_Middle_16QAM_50@0	20.69	14.42	0.028	3	Pass
10MHz_High_QPSK_1@0	22.29	16.02	0.040	3	Pass
10MHz_High_QPSK_1@25	22.15	15.88	0.039	3	Pass
10MHz_High_QPSK_1@49	22.24	15.97	0.040	3	Pass
10MHz_High_QPSK_25@0	21.11	14.84	0.030	3	Pass
10MHz_High_QPSK_25@12	21.77	15.50	0.035	3	Pass
10MHz_High_QPSK_25@25	21.14	14.87	0.031	3	Pass
10MHz_High_QPSK_50@0	21.63	15.36	0.034	3	Pass
10MHz_High_16QAM_1@0	21.51	15.24	0.033	3	Pass
10MHz_High_16QAM_1@25	22.06	15.79	0.038	3	Pass
10MHz_High_16QAM_1@49	21.53	15.26	0.034	3	Pass
10MHz_High_16QAM_25@0	20.78	14.51	0.028	3	Pass
10MHz_High_16QAM_25@12	20.81	14.54	0.028	3	Pass
10MHz_High_16QAM_25@25	20.23	13.96	0.025	3	Pass
10MHz_High_16QAM_50@0	20.76	14.49	0.028	3	Pass
15MHz_Low_QPSK_1@0	22.33	16.06	0.040	3	Pass

Mode	Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
15MHz_Low_QPSK_1@37	22.17	15.90	0.039	3	Pass
15MHz_Low_QPSK_1@74	22.25	15.98	0.040	3	Pass
15MHz_Low_QPSK_36@0	21.31	15.04	0.032	3	Pass
15MHz_Low_QPSK_36@20	21.10	14.83	0.030	3	Pass
15MHz_Low_QPSK_36@39	21.18	14.91	0.031	3	Pass
15MHz_Low_QPSK_75@0	21.06	14.79	0.030	3	Pass
15MHz_Low_16QAM_1@0	22.02	15.75	0.038	3	Pass
15MHz_Low_16QAM_1@37	22.02	15.75	0.038	3	Pass
15MHz_Low_16QAM_1@74	22.11	15.84	0.038	3	Pass
15MHz_Low_16QAM_36@0	20.05	13.78	0.024	3	Pass
15MHz_Low_16QAM_36@20	20.64	14.37	0.027	3	Pass
15MHz_Low_16QAM_36@39	20.18	13.91	0.025	3	Pass
15MHz_Low_16QAM_75@0	20.68	14.41	0.028	3	Pass
15MHz_Middle_QPSK_1@0	22.35	16.08	0.041	3	Pass
15MHz_Middle_QPSK_1@37	22.14	15.87	0.039	3	Pass
15MHz_Middle_QPSK_1@74	22.21	15.94	0.039	3	Pass
15MHz_Middle_QPSK_36@0	21.06	14.79	0.030	3	Pass
15MHz_Middle_QPSK_36@20	21.12	14.85	0.031	3	Pass
15MHz_Middle_QPSK_36@39	21.26	14.99	0.032	3	Pass
15MHz_Middle_QPSK_75@0	21.23	14.96	0.031	3	Pass
15MHz_Middle_16QAM_1@0	22.18	15.91	0.039	3	Pass
15MHz_Middle_16QAM_1@37	22.17	15.90	0.039	3	Pass
15MHz_Middle_16QAM_1@74	22.27	16.00	0.040	3	Pass
15MHz_Middle_16QAM_36@0	20.15	13.88	0.024	3	Pass
15MHz_Middle_16QAM_36@20	20.60	14.33	0.027	3	Pass
15MHz_Middle_16QAM_36@39	20.12	13.85	0.024	3	Pass
15MHz_Middle_16QAM_75@0	20.56	14.29	0.027	3	Pass
15MHz_High_QPSK_1@0	22.39	16.12	0.041	3	Pass
15MHz_High_QPSK_1@37	22.25	15.98	0.040	3	Pass
15MHz_High_QPSK_1@74	22.26	15.99	0.040	3	Pass
15MHz_High_QPSK_36@0	21.35	15.08	0.032	3	Pass
15MHz_High_QPSK_36@20	21.25	14.98	0.031	3	Pass
15MHz_High_QPSK_36@39	21.32	15.05	0.032	3	Pass
15MHz_High_QPSK_75@0	21.14	14.87	0.031	3	Pass
15MHz_High_16QAM_1@0	22.17	15.90	0.039	3	Pass
15MHz_High_16QAM_1@37	22.09	15.82	0.038	3	Pass
15MHz_High_16QAM_1@74	22.15	15.88	0.039	3	Pass
15MHz_High_16QAM_36@0	20.24	13.97	0.025	3	Pass
15MHz_High_16QAM_36@20	20.72	14.45	0.028	3	Pass
15MHz_High_16QAM_36@39	20.33	14.06	0.025	3	Pass
15MHz_High_16QAM_75@0	20.72	14.45	0.028	3	Pass
20MHz_Low_QPSK_1@0	22.25	15.98	0.040	3	Pass
20MHz_Low_QPSK_1@49	21.99	15.72	0.037	3	Pass
20MHz_Low_QPSK_1@99	22.28	16.01	0.040	3	Pass
20MHz_Low_QPSK_50@0	21.23	14.96	0.031	3	Pass
20MHz_Low_QPSK_50@24	21.07	14.80	0.030	3	Pass
20MHz_Low_QPSK_50@50	21.11	14.84	0.030	3	Pass
20MHz_Low_QPSK_100@0	21.04	14.77	0.030	3	Pass
20MHz_Low_16QAM_1@0	21.76	15.49	0.035	3	Pass
20MHz_Low_16QAM_1@49	21.72	15.45	0.035	3	Pass

Mode	Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
20MHz_Low_16QAM_1@99	22.36	16.09	0.041	3	Pass
20MHz_Low_16QAM_50@0	20.16	13.89	0.024	3	Pass
20MHz_Low_16QAM_50@24	20.53	14.26	0.027	3	Pass
20MHz_Low_16QAM_50@50	20.15	13.88	0.024	3	Pass
20MHz_Low_16QAM_100@0	20.60	14.33	0.027	3	Pass
20MHz_Middle_QPSK_1@0	22.13	15.86	0.039	3	Pass
20MHz_Middle_QPSK_1@49	22.16	15.89	0.039	3	Pass
20MHz_Middle_QPSK_1@99	22.33	16.06	0.040	3	Pass
20MHz_Middle_QPSK_50@0	21.22	14.95	0.031	3	Pass
20MHz_Middle_QPSK_50@24	21.17	14.90	0.031	3	Pass
20MHz_Middle_QPSK_50@50	21.19	14.92	0.031	3	Pass
20MHz_Middle_QPSK_100@0	21.16	14.89	0.031	3	Pass
20MHz_Middle_16QAM_1@0	21.75	15.48	0.035	3	Pass
20MHz_Middle_16QAM_1@49	21.81	15.54	0.036	3	Pass
20MHz_Middle_16QAM_1@99	22.02	15.75	0.038	3	Pass
20MHz_Middle_16QAM_50@0	19.98	13.71	0.023	3	Pass
20MHz_Middle_16QAM_50@24	20.56	14.29	0.027	3	Pass
20MHz_Middle_16QAM_50@50	20.18	13.91	0.025	3	Pass
20MHz_Middle_16QAM_100@0	20.62	14.35	0.027	3	Pass
20MHz_High_QPSK_1@0	22.12	15.85	0.038	3	Pass
20MHz_High_QPSK_1@49	22.18	15.91	0.039	3	Pass
20MHz_High_QPSK_1@99	22.32	16.05	0.040	3	Pass
20MHz_High_QPSK_50@0	21.29	15.02	0.032	3	Pass
20MHz_High_QPSK_50@24	21.34	15.07	0.032	3	Pass
20MHz_High_QPSK_50@50	21.74	15.47	0.035	3	Pass
20MHz_High_QPSK_100@0	21.38	15.11	0.032	3	Pass
20MHz_High_16QAM_1@0	21.75	15.48	0.035	3	Pass
20MHz_High_16QAM_1@49	21.91	15.64	0.037	3	Pass
20MHz_High_16QAM_1@99	21.87	15.60	0.036	3	Pass
20MHz_High_16QAM_50@0	20.17	13.90	0.025	3	Pass
20MHz_High_16QAM_50@24	20.15	13.88	0.024	3	Pass
20MHz_High_16QAM_50@50	20.66	14.39	0.027	3	Pass
20MHz_High_16QAM_100@0	20.24	13.97	0.025	3	Pass

Note:

ERP = Conducted Power(dBm) + Antenna Gain(dBd) - Cable Loss(dB)

Antenna Gain(dBd) = Antenna Gain(dBi) - 2.15

1.Antenna Gain = -4.02dBi;

2.Cable Loss = 0.1dB.

Peak-to-Average Ratio (PAR)

FCC Part 22H&IC RSS 132

LTE Band 5, Normal

Mode	Result (dB)	Limit (dB)
1.4MHz_Middle_QPSK_1@0	4.96	13
1.4MHz_Middle_QPSK_6@0	5.25	13
1.4MHz_Middle_16QAM_1@0	5.19	13
1.4MHz_Middle_16QAM_6@0	6.35	13
3MHz_Middle_QPSK_1@0	5.04	13
3MHz_Middle_QPSK_15@0	5.19	13
3MHz_Middle_16QAM_1@0	5.30	13
3MHz_Middle_16QAM_15@0	6.23	13
5MHz_Middle_QPSK_1@0	5.13	13
5MHz_Middle_QPSK_25@0	5.16	13
5MHz_Middle_16QAM_1@0	5.83	13
5MHz_Middle_16QAM_25@0	6	13
10MHz_Middle_QPSK_1@0	4.93	13
10MHz_Middle_QPSK_50@0	5.25	13
10MHz_Middle_16QAM_1@0	5.04	13
10MHz_Middle_16QAM_50@0	6.06	13

Note:worst case.