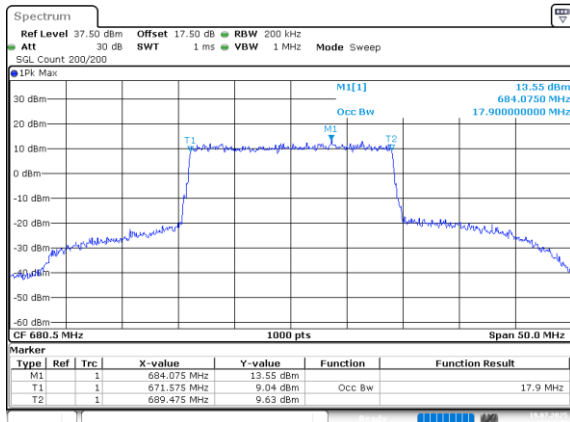


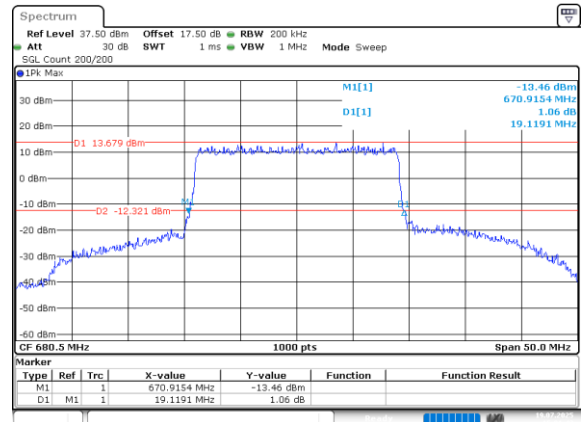
20MHz_Middle_16QAM_100@0

Occupied Bandwidth



ProjectNo.:2502V28134E-RF Tester:Loge Long
Date: 19_JUL.2025 15:01:32

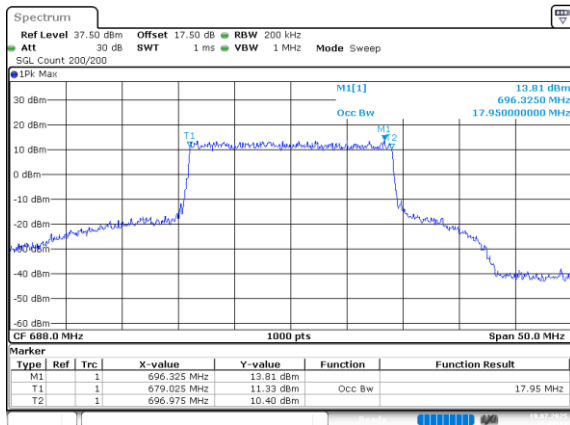
26dB Bandwidth



ProjectNo.:2502V28134E-RF Tester:Loge Long
Date: 19_JUL.2025 15:01:43

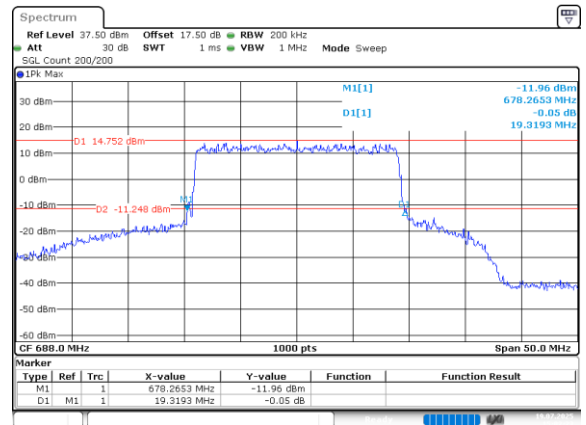
20MHz_High_QPSK_100@0

Occupied Bandwidth



ProjectNo.:2502V28134E-RF Tester:Loge Long
Date: 19_JUL.2025 15:02:11

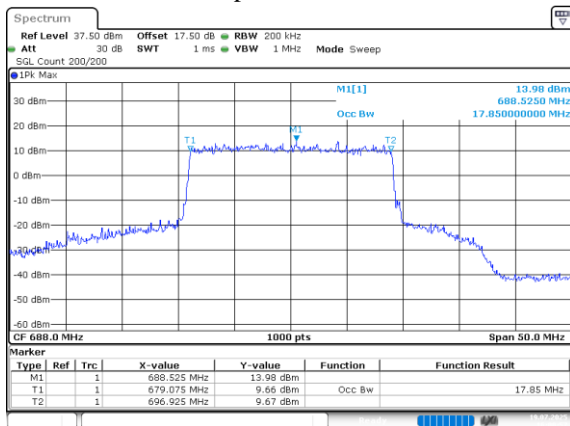
26dB Bandwidth



ProjectNo.:2502V28134E-RF Tester:Loge Long
Date: 19_JUL.2025 15:02:23

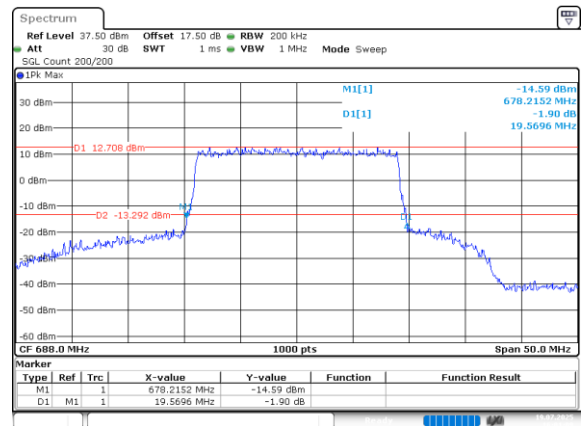
20MHz_High_16QAM_100@0

Occupied Bandwidth



ProjectNo.:2502V28134E-RF Tester:Loge Long
Date: 19_JUL.2025 16:00:57

26dB Bandwidth



ProjectNo.:2502V28134E-RF Tester:Loge Long
Date: 19_JUL.2025 16:01:09

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	22.85	18.53	0.071	7	3	Pass
1.4MHz_Low_QPSK_1@3	22.94	18.62	0.073	7	3	Pass
1.4MHz_Low_QPSK_1@5	22.80	18.48	0.070	7	3	Pass
1.4MHz_Low_QPSK_3@0	22.99	18.67	0.074	7	3	Pass
1.4MHz_Low_QPSK_3@1	22.97	18.65	0.073	7	3	Pass
1.4MHz_Low_QPSK_3@3	22.96	18.64	0.073	7	3	Pass
1.4MHz_Low_QPSK_6@0	22.07	17.75	0.060	7	3	Pass
1.4MHz_Low_16QAM_1@0	21.83	17.51	0.056	7	3	Pass
1.4MHz_Low_16QAM_1@3	21.95	17.63	0.058	7	3	Pass
1.4MHz_Low_16QAM_1@5	21.84	17.52	0.056	7	3	Pass
1.4MHz_Low_16QAM_3@0	22.22	17.90	0.062	7	3	Pass
1.4MHz_Low_16QAM_3@1	22.26	17.94	0.062	7	3	Pass
1.4MHz_Low_16QAM_3@3	22.22	17.90	0.062	7	3	Pass
1.4MHz_Low_16QAM_6@0	21.24	16.92	0.049	7	3	Pass
1.4MHz_Middle_QPSK_1@0	22.78	18.46	0.070	7	3	Pass
1.4MHz_Middle_QPSK_1@3	22.88	18.56	0.072	7	3	Pass
1.4MHz_Middle_QPSK_1@5	22.75	18.43	0.070	7	3	Pass
1.4MHz_Middle_QPSK_3@0	22.84	18.52	0.071	7	3	Pass
1.4MHz_Middle_QPSK_3@1	22.91	18.59	0.072	7	3	Pass
1.4MHz_Middle_QPSK_3@3	22.86	18.54	0.071	7	3	Pass
1.4MHz_Middle_QPSK_6@0	21.96	17.64	0.058	7	3	Pass
1.4MHz_Middle_16QAM_1@0	21.69	17.37	0.055	7	3	Pass
1.4MHz_Middle_16QAM_1@3	21.86	17.54	0.057	7	3	Pass
1.4MHz_Middle_16QAM_1@5	21.68	17.36	0.054	7	3	Pass
1.4MHz_Middle_16QAM_3@0	22.12	17.80	0.060	7	3	Pass
1.4MHz_Middle_16QAM_3@1	22.16	17.84	0.061	7	3	Pass
1.4MHz_Middle_16QAM_3@3	22.14	17.82	0.061	7	3	Pass
1.4MHz_Middle_16QAM_6@0	21.08	16.76	0.047	7	3	Pass
1.4MHz_High_QPSK_1@0	22.83	18.51	0.071	7	3	Pass
1.4MHz_High_QPSK_1@3	22.93	18.61	0.073	7	3	Pass
1.4MHz_High_QPSK_1@5	22.82	18.50	0.071	7	3	Pass
1.4MHz_High_QPSK_3@0	23.35	19.03	0.080	7	3	Pass
1.4MHz_High_QPSK_3@1	23.36	19.04	0.080	7	3	Pass
1.4MHz_High_QPSK_3@3	23.29	18.97	0.079	7	3	Pass
1.4MHz_High_QPSK_6@0	22.35	18.03	0.064	7	3	Pass
1.4MHz_High_16QAM_1@0	22.03	17.71	0.059	7	3	Pass
1.4MHz_High_16QAM_1@3	22.21	17.89	0.062	7	3	Pass
1.4MHz_High_16QAM_1@5	22.05	17.73	0.059	7	3	Pass
1.4MHz_High_16QAM_3@0	22.43	18.11	0.065	7	3	Pass
1.4MHz_High_16QAM_3@1	22.48	18.16	0.065	7	3	Pass
1.4MHz_High_16QAM_3@3	22.40	18.08	0.064	7	3	Pass
1.4MHz_High_16QAM_6@0	21.60	17.28	0.053	7	3	Pass
3MHz_Low_QPSK_1@0	23.47	19.15	0.082	7	3	Pass
3MHz_Low_QPSK_1@8	23.45	19.13	0.082	7	3	Pass
3MHz_Low_QPSK_1@14	23.41	19.09	0.081	7	3	Pass
3MHz_Low_QPSK_8@0	22.66	18.34	0.068	7	3	Pass
3MHz_Low_QPSK_8@4	22.65	18.33	0.068	7	3	Pass

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	FCC Limit (W)	IC Limit (W)	Verdict
3MHz_Low_QPSK_8@7	22.59	18.27	0.067	7	3	Pass
3MHz_Low_QPSK_15@0	22.61	18.29	0.067	7	3	Pass
3MHz_Low_16QAM_1@0	22.52	18.20	0.066	7	3	Pass
3MHz_Low_16QAM_1@8	22.45	18.13	0.065	7	3	Pass
3MHz_Low_16QAM_1@14	22.41	18.09	0.064	7	3	Pass
3MHz_Low_16QAM_8@0	21.58	17.26	0.053	7	3	Pass
3MHz_Low_16QAM_8@4	21.65	17.33	0.054	7	3	Pass
3MHz_Low_16QAM_8@7	21.59	17.27	0.053	7	3	Pass
3MHz_Low_16QAM_15@0	21.58	17.26	0.053	7	3	Pass
3MHz_Middle_QPSK_1@0	23.41	19.09	0.081	7	3	Pass
3MHz_Middle_QPSK_1@8	23.43	19.11	0.081	7	3	Pass
3MHz_Middle_QPSK_1@14	23.40	19.08	0.081	7	3	Pass
3MHz_Middle_QPSK_8@0	22.56	18.24	0.067	7	3	Pass
3MHz_Middle_QPSK_8@4	22.61	18.29	0.067	7	3	Pass
3MHz_Middle_QPSK_8@7	22.54	18.22	0.066	7	3	Pass
3MHz_Middle_QPSK_15@0	22.54	18.22	0.066	7	3	Pass
3MHz_Middle_16QAM_1@0	22.53	18.21	0.066	7	3	Pass
3MHz_Middle_16QAM_1@8	22.50	18.18	0.066	7	3	Pass
3MHz_Middle_16QAM_1@14	22.44	18.12	0.065	7	3	Pass
3MHz_Middle_16QAM_8@0	21.59	17.27	0.053	7	3	Pass
3MHz_Middle_16QAM_8@4	21.61	17.29	0.054	7	3	Pass
3MHz_Middle_16QAM_8@7	21.55	17.23	0.053	7	3	Pass
3MHz_Middle_16QAM_15@0	21.61	17.29	0.054	7	3	Pass
3MHz_High_QPSK_1@0	23.57	19.25	0.084	7	3	Pass
3MHz_High_QPSK_1@8	23.59	19.27	0.085	7	3	Pass
3MHz_High_QPSK_1@14	23.57	19.25	0.084	7	3	Pass
3MHz_High_QPSK_8@0	22.36	18.04	0.064	7	3	Pass
3MHz_High_QPSK_8@4	22.44	18.12	0.065	7	3	Pass
3MHz_High_QPSK_8@7	22.39	18.07	0.064	7	3	Pass
3MHz_High_QPSK_15@0	22.40	18.08	0.064	7	3	Pass
3MHz_High_16QAM_1@0	22.76	18.44	0.070	7	3	Pass
3MHz_High_16QAM_1@8	22.74	18.42	0.070	7	3	Pass
3MHz_High_16QAM_1@14	22.66	18.34	0.068	7	3	Pass
3MHz_High_16QAM_8@0	21.60	17.28	0.053	7	3	Pass
3MHz_High_16QAM_8@4	21.65	17.33	0.054	7	3	Pass
3MHz_High_16QAM_8@7	21.56	17.24	0.053	7	3	Pass
3MHz_High_16QAM_15@0	21.48	17.16	0.052	7	3	Pass
5MHz_Low_QPSK_1@0	23.48	19.16	0.082	7	3	Pass
5MHz_Low_QPSK_1@12	23.68	19.36	0.086	7	3	Pass
5MHz_Low_QPSK_1@24	23.34	19.02	0.080	7	3	Pass
5MHz_Low_QPSK_12@0	22.63	18.31	0.068	7	3	Pass
5MHz_Low_QPSK_12@7	22.67	18.35	0.068	7	3	Pass
5MHz_Low_QPSK_12@13	22.62	18.30	0.068	7	3	Pass
5MHz_Low_QPSK_25@0	22.61	18.29	0.067	7	3	Pass
5MHz_Low_16QAM_1@0	22.57	18.25	0.067	7	3	Pass
5MHz_Low_16QAM_1@12	22.76	18.44	0.070	7	3	Pass
5MHz_Low_16QAM_1@24	22.46	18.14	0.065	7	3	Pass
5MHz_Low_16QAM_12@0	21.75	17.43	0.055	7	3	Pass
5MHz_Low_16QAM_12@7	21.79	17.47	0.056	7	3	Pass
5MHz_Low_16QAM_12@13	21.71	17.39	0.055	7	3	Pass

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	FCC Limit (W)	IC Limit (W)	Verdict
5MHz_Low_16QAM_25@0	21.62	17.30	0.054	7	3	Pass
5MHz_Middle_QPSK_1@0	23.41	19.09	0.081	7	3	Pass
5MHz_Middle_QPSK_1@12	23.65	19.33	0.086	7	3	Pass
5MHz_Middle_QPSK_1@24	23.34	19.02	0.080	7	3	Pass
5MHz_Middle_QPSK_12@0	22.64	18.32	0.068	7	3	Pass
5MHz_Middle_QPSK_12@7	22.67	18.35	0.068	7	3	Pass
5MHz_Middle_QPSK_12@13	22.58	18.26	0.067	7	3	Pass
5MHz_Middle_QPSK_25@0	22.57	18.25	0.067	7	3	Pass
5MHz_Middle_16QAM_1@0	22.47	18.15	0.065	7	3	Pass
5MHz_Middle_16QAM_1@12	22.72	18.40	0.069	7	3	Pass
5MHz_Middle_16QAM_1@24	22.44	18.12	0.065	7	3	Pass
5MHz_Middle_16QAM_12@0	21.67	17.35	0.054	7	3	Pass
5MHz_Middle_16QAM_12@7	21.65	17.33	0.054	7	3	Pass
5MHz_Middle_16QAM_12@13	21.57	17.25	0.053	7	3	Pass
5MHz_Middle_16QAM_25@0	21.53	17.21	0.053	7	3	Pass
5MHz_High_QPSK_1@0	23.34	19.02	0.080	7	3	Pass
5MHz_High_QPSK_1@12	23.55	19.23	0.084	7	3	Pass
5MHz_High_QPSK_1@24	23.25	18.93	0.078	7	3	Pass
5MHz_High_QPSK_12@0	22.37	18.05	0.064	7	3	Pass
5MHz_High_QPSK_12@7	22.41	18.09	0.064	7	3	Pass
5MHz_High_QPSK_12@13	22.33	18.01	0.063	7	3	Pass
5MHz_High_QPSK_25@0	22.39	18.07	0.064	7	3	Pass
5MHz_High_16QAM_1@0	22.35	18.03	0.064	7	3	Pass
5MHz_High_16QAM_1@12	22.59	18.27	0.067	7	3	Pass
5MHz_High_16QAM_1@24	22.27	17.95	0.062	7	3	Pass
5MHz_High_16QAM_12@0	21.58	17.26	0.053	7	3	Pass
5MHz_High_16QAM_12@7	21.60	17.28	0.053	7	3	Pass
5MHz_High_16QAM_12@13	21.51	17.19	0.052	7	3	Pass
5MHz_High_16QAM_25@0	21.49	17.17	0.052	7	3	Pass
10MHz_Low_QPSK_1@0	23.55	19.23	0.084	7	3	Pass
10MHz_Low_QPSK_1@25	23.66	19.34	0.086	7	3	Pass
10MHz_Low_QPSK_1@49	23.47	19.15	0.082	7	3	Pass
10MHz_Low_QPSK_25@0	22.68	18.36	0.069	7	3	Pass
10MHz_Low_QPSK_25@12	22.73	18.41	0.069	7	3	Pass
10MHz_Low_QPSK_25@25	22.65	18.33	0.068	7	3	Pass
10MHz_Low_QPSK_50@0	22.67	18.35	0.068	7	3	Pass
10MHz_Low_16QAM_1@0	22.61	18.29	0.067	7	3	Pass
10MHz_Low_16QAM_1@25	22.82	18.50	0.071	7	3	Pass
10MHz_Low_16QAM_1@49	22.49	18.17	0.066	7	3	Pass
10MHz_Low_16QAM_25@0	21.72	17.40	0.055	7	3	Pass
10MHz_Low_16QAM_25@12	21.76	17.44	0.055	7	3	Pass
10MHz_Low_16QAM_25@25	21.71	17.39	0.055	7	3	Pass
10MHz_Low_16QAM_50@0	21.63	17.31	0.054	7	3	Pass
10MHz_Middle_QPSK_1@0	23.62	19.30	0.085	7	3	Pass
10MHz_Middle_QPSK_1@25	23.83	19.51	0.089	7	3	Pass
10MHz_Middle_QPSK_1@49	23.53	19.21	0.083	7	3	Pass
10MHz_Middle_QPSK_25@0	22.63	18.31	0.068	7	3	Pass
10MHz_Middle_QPSK_25@12	22.68	18.36	0.069	7	3	Pass
10MHz_Middle_QPSK_25@25	22.57	18.25	0.067	7	3	Pass
10MHz_Middle_QPSK_50@0	22.60	18.28	0.067	7	3	Pass

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	FCC Limit (W)	IC Limit (W)	Verdict
10MHz_Middle_16QAM_1@0	22.97	18.65	0.073	7	3	Pass
10MHz_Middle_16QAM_1@25	23.09	18.77	0.075	7	3	Pass
10MHz_Middle_16QAM_1@49	22.90	18.58	0.072	7	3	Pass
10MHz_Middle_16QAM_25@0	21.70	17.38	0.055	7	3	Pass
10MHz_Middle_16QAM_25@12	21.65	17.33	0.054	7	3	Pass
10MHz_Middle_16QAM_25@25	21.57	17.25	0.053	7	3	Pass
10MHz_Middle_16QAM_50@0	21.56	17.24	0.053	7	3	Pass
10MHz_High_QPSK_1@0	23.28	18.96	0.079	7	3	Pass
10MHz_High_QPSK_1@25	23.45	19.13	0.082	7	3	Pass
10MHz_High_QPSK_1@49	23.23	18.91	0.078	7	3	Pass
10MHz_High_QPSK_25@0	22.61	18.29	0.067	7	3	Pass
10MHz_High_QPSK_25@12	22.50	18.18	0.066	7	3	Pass
10MHz_High_QPSK_25@25	22.45	18.13	0.065	7	3	Pass
10MHz_High_QPSK_50@0	22.50	18.18	0.066	7	3	Pass
10MHz_High_16QAM_1@0	22.34	18.02	0.063	7	3	Pass
10MHz_High_16QAM_1@25	22.39	18.07	0.064	7	3	Pass
10MHz_High_16QAM_1@49	22.33	18.01	0.063	7	3	Pass
10MHz_High_16QAM_25@0	21.78	17.46	0.056	7	3	Pass
10MHz_High_16QAM_25@12	21.76	17.44	0.055	7	3	Pass
10MHz_High_16QAM_25@25	21.67	17.35	0.054	7	3	Pass
10MHz_High_16QAM_50@0	21.65	17.33	0.054	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 = -2.07dBi;

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	22.82	20.61	0.115	2	Pass
1.4MHz_Low_QPSK_1@3	22.89	20.68	0.117	2	Pass
1.4MHz_Low_QPSK_1@5	22.75	20.54	0.113	2	Pass
1.4MHz_Low_QPSK_3@0	22.93	20.72	0.118	2	Pass
1.4MHz_Low_QPSK_3@1	22.94	20.73	0.118	2	Pass
1.4MHz_Low_QPSK_3@3	22.91	20.70	0.117	2	Pass
1.4MHz_Low_QPSK_6@0	22	19.79	0.095	2	Pass
1.4MHz_Low_16QAM_1@0	21.80	19.59	0.091	2	Pass
1.4MHz_Low_16QAM_1@3	22.03	19.82	0.096	2	Pass
1.4MHz_Low_16QAM_1@5	21.83	19.62	0.092	2	Pass
1.4MHz_Low_16QAM_3@0	22.23	20.02	0.100	2	Pass
1.4MHz_Low_16QAM_3@1	22.27	20.06	0.101	2	Pass
1.4MHz_Low_16QAM_3@3	22.20	19.99	0.100	2	Pass
1.4MHz_Low_16QAM_6@0	21.20	18.99	0.079	2	Pass
1.4MHz_Middle_QPSK_1@0	23.05	20.84	0.121	2	Pass
1.4MHz_Middle_QPSK_1@3	23.19	20.98	0.125	2	Pass
1.4MHz_Middle_QPSK_1@5	23.05	20.84	0.121	2	Pass
1.4MHz_Middle_QPSK_3@0	22.94	20.73	0.118	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
1.4MHz_Middle_QPSK_3@1	22.97	20.76	0.119	2	Pass
1.4MHz_Middle_QPSK_3@3	22.91	20.70	0.117	2	Pass
1.4MHz_Middle_QPSK_6@0	21.87	19.66	0.092	2	Pass
1.4MHz_Middle_16QAM_1@0	22.23	20.02	0.100	2	Pass
1.4MHz_Middle_16QAM_1@3	22.38	20.17	0.104	2	Pass
1.4MHz_Middle_16QAM_1@5	22.21	20.00	0.100	2	Pass
1.4MHz_Middle_16QAM_3@0	22.21	20.00	0.100	2	Pass
1.4MHz_Middle_16QAM_3@1	22.23	20.02	0.100	2	Pass
1.4MHz_Middle_16QAM_3@3	22.20	19.99	0.100	2	Pass
1.4MHz_Middle_16QAM_6@0	20.91	18.70	0.074	2	Pass
1.4MHz_High_QPSK_1@0	22.88	20.67	0.117	2	Pass
1.4MHz_High_QPSK_1@3	23.11	20.90	0.123	2	Pass
1.4MHz_High_QPSK_1@5	22.44	20.23	0.105	2	Pass
1.4MHz_High_QPSK_3@0	22.58	20.37	0.109	2	Pass
1.4MHz_High_QPSK_3@1	22.63	20.42	0.110	2	Pass
1.4MHz_High_QPSK_3@3	22.62	20.41	0.110	2	Pass
1.4MHz_High_QPSK_6@0	21.61	19.40	0.087	2	Pass
1.4MHz_High_16QAM_1@0	21.37	19.16	0.082	2	Pass
1.4MHz_High_16QAM_1@3	21.50	19.29	0.085	2	Pass
1.4MHz_High_16QAM_1@5	21.87	19.66	0.092	2	Pass
1.4MHz_High_16QAM_3@0	22.29	20.08	0.102	2	Pass
1.4MHz_High_16QAM_3@1	22.34	20.13	0.103	2	Pass
1.4MHz_High_16QAM_3@3	22.30	20.09	0.102	2	Pass
1.4MHz_High_16QAM_6@0	21.42	19.21	0.083	2	Pass
3MHz_Low_QPSK_1@0	23.08	20.87	0.122	2	Pass
3MHz_Low_QPSK_1@8	23.12	20.91	0.123	2	Pass
3MHz_Low_QPSK_1@14	23.08	20.87	0.122	2	Pass
3MHz_Low_QPSK_8@0	22	19.79	0.095	2	Pass
3MHz_Low_QPSK_8@4	21.99	19.78	0.095	2	Pass
3MHz_Low_QPSK_8@7	21.97	19.76	0.095	2	Pass
3MHz_Low_QPSK_15@0	22.01	19.80	0.095	2	Pass
3MHz_Low_16QAM_1@0	22.42	20.21	0.105	2	Pass
3MHz_Low_16QAM_1@8	22.46	20.25	0.106	2	Pass
3MHz_Low_16QAM_1@14	22.43	20.22	0.105	2	Pass
3MHz_Low_16QAM_8@0	21.08	18.87	0.077	2	Pass
3MHz_Low_16QAM_8@4	21.12	18.91	0.078	2	Pass
3MHz_Low_16QAM_8@7	21.04	18.83	0.076	2	Pass
3MHz_Low_16QAM_15@0	20.97	18.76	0.075	2	Pass
3MHz_Middle_QPSK_1@0	22.81	20.60	0.115	2	Pass
3MHz_Middle_QPSK_1@8	22.84	20.63	0.116	2	Pass
3MHz_Middle_QPSK_1@14	22.87	20.66	0.116	2	Pass
3MHz_Middle_QPSK_8@0	21.95	19.74	0.094	2	Pass
3MHz_Middle_QPSK_8@4	21.90	19.69	0.093	2	Pass
3MHz_Middle_QPSK_8@7	21.88	19.67	0.093	2	Pass
3MHz_Middle_QPSK_15@0	21.85	19.64	0.092	2	Pass
3MHz_Middle_16QAM_1@0	21.89	19.68	0.093	2	Pass
3MHz_Middle_16QAM_1@8	21.78	19.57	0.091	2	Pass
3MHz_Middle_16QAM_1@14	21.76	19.55	0.090	2	Pass
3MHz_Middle_16QAM_8@0	20.95	18.74	0.075	2	Pass
3MHz_Middle_16QAM_8@4	21.02	18.81	0.076	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
3MHz_Middle_16QAM_8@7	20.97	18.76	0.075	2	Pass
3MHz_Middle_16QAM_15@0	20.96	18.75	0.075	2	Pass
3MHz_High_QPSK_1@0	23.19	20.98	0.125	2	Pass
3MHz_High_QPSK_1@8	23.21	21.00	0.126	2	Pass
3MHz_High_QPSK_1@14	23.17	20.96	0.125	2	Pass
3MHz_High_QPSK_8@0	22	19.79	0.095	2	Pass
3MHz_High_QPSK_8@4	22.07	19.86	0.097	2	Pass
3MHz_High_QPSK_8@7	22.04	19.83	0.096	2	Pass
3MHz_High_QPSK_15@0	22.02	19.81	0.096	2	Pass
3MHz_High_16QAM_1@0	22.37	20.16	0.104	2	Pass
3MHz_High_16QAM_1@8	22.46	20.25	0.106	2	Pass
3MHz_High_16QAM_1@14	22.46	20.25	0.106	2	Pass
3MHz_High_16QAM_8@0	21.29	19.08	0.081	2	Pass
3MHz_High_16QAM_8@4	21.32	19.11	0.081	2	Pass
3MHz_High_16QAM_8@7	21.25	19.04	0.080	2	Pass
3MHz_High_16QAM_15@0	21.15	18.94	0.078	2	Pass
5MHz_Low_QPSK_1@0	22.79	20.58	0.114	2	Pass
5MHz_Low_QPSK_1@12	23.04	20.83	0.121	2	Pass
5MHz_Low_QPSK_1@24	22.77	20.56	0.114	2	Pass
5MHz_Low_QPSK_12@0	22	19.79	0.095	2	Pass
5MHz_Low_QPSK_12@7	22.07	19.86	0.097	2	Pass
5MHz_Low_QPSK_12@13	22	19.79	0.095	2	Pass
5MHz_Low_QPSK_25@0	22.01	19.80	0.095	2	Pass
5MHz_Low_16QAM_1@0	21.96	19.75	0.094	2	Pass
5MHz_Low_16QAM_1@12	22.26	20.05	0.101	2	Pass
5MHz_Low_16QAM_1@24	21.92	19.71	0.094	2	Pass
5MHz_Low_16QAM_12@0	21.06	18.85	0.077	2	Pass
5MHz_Low_16QAM_12@7	21.10	18.89	0.077	2	Pass
5MHz_Low_16QAM_12@13	21.11	18.90	0.078	2	Pass
5MHz_Low_16QAM_25@0	20.97	18.76	0.075	2	Pass
5MHz_Middle_QPSK_1@0	22.83	20.62	0.115	2	Pass
5MHz_Middle_QPSK_1@12	23.09	20.88	0.122	2	Pass
5MHz_Middle_QPSK_1@24	22.82	20.61	0.115	2	Pass
5MHz_Middle_QPSK_12@0	22.01	19.80	0.095	2	Pass
5MHz_Middle_QPSK_12@7	21.91	19.70	0.093	2	Pass
5MHz_Middle_QPSK_12@13	21.86	19.65	0.092	2	Pass
5MHz_Middle_QPSK_25@0	21.87	19.66	0.092	2	Pass
5MHz_Middle_16QAM_1@0	22.53	20.32	0.108	2	Pass
5MHz_Middle_16QAM_1@12	22.67	20.46	0.111	2	Pass
5MHz_Middle_16QAM_1@24	22.42	20.21	0.105	2	Pass
5MHz_Middle_16QAM_12@0	21.06	18.85	0.077	2	Pass
5MHz_Middle_16QAM_12@7	21.15	18.94	0.078	2	Pass
5MHz_Middle_16QAM_12@13	21.06	18.85	0.077	2	Pass
5MHz_Middle_16QAM_25@0	21.10	18.89	0.077	2	Pass
5MHz_High_QPSK_1@0	22.94	20.73	0.118	2	Pass
5MHz_High_QPSK_1@12	23.22	21.01	0.126	2	Pass
5MHz_High_QPSK_1@24	22.88	20.67	0.117	2	Pass
5MHz_High_QPSK_12@0	22.10	19.89	0.097	2	Pass
5MHz_High_QPSK_12@7	22.14	19.93	0.098	2	Pass
5MHz_High_QPSK_12@13	22.07	19.86	0.097	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_High_QPSK_25@0	22.08	19.87	0.097	2	Pass
5MHz_High_16QAM_1@0	21.94	19.73	0.094	2	Pass
5MHz_High_16QAM_1@12	22.29	20.08	0.102	2	Pass
5MHz_High_16QAM_1@24	22.01	19.80	0.095	2	Pass
5MHz_High_16QAM_12@0	21.30	19.09	0.081	2	Pass
5MHz_High_16QAM_12@7	21.33	19.12	0.082	2	Pass
5MHz_High_16QAM_12@13	21.25	19.04	0.080	2	Pass
5MHz_High_16QAM_25@0	21.18	18.97	0.079	2	Pass
10MHz_Low_QPSK_1@0	22.77	20.56	0.114	2	Pass
10MHz_Low_QPSK_1@25	22.90	20.69	0.117	2	Pass
10MHz_Low_QPSK_1@49	22.75	20.54	0.113	2	Pass
10MHz_Low_QPSK_25@0	21.99	19.78	0.095	2	Pass
10MHz_Low_QPSK_25@12	22.03	19.82	0.096	2	Pass
10MHz_Low_QPSK_25@25	22.08	19.87	0.097	2	Pass
10MHz_Low_QPSK_50@0	22.04	19.83	0.096	2	Pass
10MHz_Low_16QAM_1@0	22.04	19.83	0.096	2	Pass
10MHz_Low_16QAM_1@25	22.14	19.93	0.098	2	Pass
10MHz_Low_16QAM_1@49	21.96	19.75	0.094	2	Pass
10MHz_Low_16QAM_25@0	20.84	18.63	0.073	2	Pass
10MHz_Low_16QAM_25@12	21.08	18.87	0.077	2	Pass
10MHz_Low_16QAM_25@25	21.10	18.89	0.077	2	Pass
10MHz_Low_16QAM_50@0	21	18.79	0.076	2	Pass
10MHz_Middle_QPSK_1@0	23.08	20.87	0.122	2	Pass
10MHz_Middle_QPSK_1@25	23.23	21.02	0.126	2	Pass
10MHz_Middle_QPSK_1@49	23.09	20.88	0.122	2	Pass
10MHz_Middle_QPSK_25@0	22.08	19.87	0.097	2	Pass
10MHz_Middle_QPSK_25@12	21.93	19.72	0.094	2	Pass
10MHz_Middle_QPSK_25@25	21.94	19.73	0.094	2	Pass
10MHz_Middle_QPSK_50@0	21.70	19.49	0.089	2	Pass
10MHz_Middle_16QAM_1@0	22.09	19.88	0.097	2	Pass
10MHz_Middle_16QAM_1@25	22.11	19.90	0.098	2	Pass
10MHz_Middle_16QAM_1@49	21.96	19.75	0.094	2	Pass
10MHz_Middle_16QAM_25@0	20.79	18.58	0.072	2	Pass
10MHz_Middle_16QAM_25@12	20.78	18.57	0.072	2	Pass
10MHz_Middle_16QAM_25@25	20.79	18.58	0.072	2	Pass
10MHz_Middle_16QAM_50@0	20.74	18.53	0.071	2	Pass
10MHz_High_QPSK_1@0	22.53	20.32	0.108	2	Pass
10MHz_High_QPSK_1@25	22.73	20.52	0.113	2	Pass
10MHz_High_QPSK_1@49	22.57	20.36	0.109	2	Pass
10MHz_High_QPSK_25@0	21.81	19.60	0.091	2	Pass
10MHz_High_QPSK_25@12	21.72	19.51	0.089	2	Pass
10MHz_High_QPSK_25@25	21.65	19.44	0.088	2	Pass
10MHz_High_QPSK_50@0	21.70	19.49	0.089	2	Pass
10MHz_High_16QAM_1@0	21.39	19.18	0.083	2	Pass
10MHz_High_16QAM_1@25	21.55	19.34	0.086	2	Pass
10MHz_High_16QAM_1@49	21.48	19.27	0.085	2	Pass
10MHz_High_16QAM_25@0	20.91	18.70	0.074	2	Pass
10MHz_High_16QAM_25@12	20.89	18.68	0.074	2	Pass
10MHz_High_16QAM_25@25	20.76	18.55	0.072	2	Pass
10MHz_High_16QAM_50@0	20.78	18.57	0.072	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
15MHz_Low_QPSK_1@0	22.63	20.42	0.110	2	Pass
15MHz_Low_QPSK_1@37	22.74	20.53	0.113	2	Pass
15MHz_Low_QPSK_1@74	22.51	20.30	0.107	2	Pass
15MHz_Low_QPSK_36@0	21.59	19.38	0.087	2	Pass
15MHz_Low_QPSK_36@20	21.70	19.49	0.089	2	Pass
15MHz_Low_QPSK_36@39	21.72	19.51	0.089	2	Pass
15MHz_Low_QPSK_75@0	21.69	19.48	0.089	2	Pass
15MHz_Low_16QAM_1@0	21.80	19.59	0.091	2	Pass
15MHz_Low_16QAM_1@37	21.93	19.72	0.094	2	Pass
15MHz_Low_16QAM_1@74	21.60	19.39	0.087	2	Pass
15MHz_Low_16QAM_36@0	20.60	18.39	0.069	2	Pass
15MHz_Low_16QAM_36@20	20.63	18.42	0.070	2	Pass
15MHz_Low_16QAM_36@39	20.72	18.51	0.071	2	Pass
15MHz_Low_16QAM_75@0	20.65	18.44	0.070	2	Pass
15MHz_Middle_QPSK_1@0	22.38	20.17	0.104	2	Pass
15MHz_Middle_QPSK_1@37	22.58	20.37	0.109	2	Pass
15MHz_Middle_QPSK_1@74	22.39	20.18	0.104	2	Pass
15MHz_Middle_QPSK_36@0	21.61	19.40	0.087	2	Pass
15MHz_Middle_QPSK_36@20	21.51	19.30	0.085	2	Pass
15MHz_Middle_QPSK_36@39	21.51	19.30	0.085	2	Pass
15MHz_Middle_QPSK_75@0	21.51	19.30	0.085	2	Pass
15MHz_Middle_16QAM_1@0	21.41	19.20	0.083	2	Pass
15MHz_Middle_16QAM_1@37	21.57	19.36	0.086	2	Pass
15MHz_Middle_16QAM_1@74	21.31	19.10	0.081	2	Pass
15MHz_Middle_16QAM_36@0	20.61	18.40	0.069	2	Pass
15MHz_Middle_16QAM_36@20	20.60	18.39	0.069	2	Pass
15MHz_Middle_16QAM_36@39	20.60	18.39	0.069	2	Pass
15MHz_Middle_16QAM_75@0	20.57	18.36	0.069	2	Pass
15MHz_High_QPSK_1@0	22.63	20.42	0.110	2	Pass
15MHz_High_QPSK_1@37	22.84	20.63	0.116	2	Pass
15MHz_High_QPSK_1@74	22.69	20.48	0.112	2	Pass
15MHz_High_QPSK_36@0	21.54	19.33	0.086	2	Pass
15MHz_High_QPSK_36@20	21.53	19.32	0.086	2	Pass
15MHz_High_QPSK_36@39	21.49	19.28	0.085	2	Pass
15MHz_High_QPSK_75@0	21.55	19.34	0.086	2	Pass
15MHz_High_16QAM_1@0	21.76	19.55	0.090	2	Pass
15MHz_High_16QAM_1@37	21.97	19.76	0.095	2	Pass
15MHz_High_16QAM_1@74	21.89	19.68	0.093	2	Pass
15MHz_High_16QAM_36@0	20.63	18.42	0.070	2	Pass
15MHz_High_16QAM_36@20	20.67	18.46	0.070	2	Pass
15MHz_High_16QAM_36@39	20.61	18.40	0.069	2	Pass
15MHz_High_16QAM_75@0	20.61	18.40	0.069	2	Pass
20MHz_Low_QPSK_1@0	22.14	19.93	0.098	2	Pass
20MHz_Low_QPSK_1@49	22.45	20.24	0.106	2	Pass
20MHz_Low_QPSK_1@99	21.99	19.78	0.095	2	Pass
20MHz_Low_QPSK_50@0	21.55	19.34	0.086	2	Pass
20MHz_Low_QPSK_50@24	21.61	19.40	0.087	2	Pass
20MHz_Low_QPSK_50@50	21.68	19.47	0.089	2	Pass
20MHz_Low_QPSK_100@0	21.62	19.41	0.087	2	Pass
20MHz_Low_16QAM_1@0	21.72	19.51	0.089	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
20MHz_Low_16QAM_1@49	21.89	19.68	0.093	2	Pass
20MHz_Low_16QAM_1@99	21.43	19.22	0.084	2	Pass
20MHz_Low_16QAM_50@0	20.48	18.27	0.067	2	Pass
20MHz_Low_16QAM_50@24	20.54	18.33	0.068	2	Pass
20MHz_Low_16QAM_50@50	20.63	18.42	0.070	2	Pass
20MHz_Low_16QAM_100@0	20.59	18.38	0.069	2	Pass
20MHz_Middle_QPSK_1@0	22.16	19.95	0.099	2	Pass
20MHz_Middle_QPSK_1@49	22.51	20.30	0.107	2	Pass
20MHz_Middle_QPSK_1@99	22.14	19.93	0.098	2	Pass
20MHz_Middle_QPSK_50@0	21.55	19.34	0.086	2	Pass
20MHz_Middle_QPSK_50@24	21.54	19.33	0.086	2	Pass
20MHz_Middle_QPSK_50@50	21.43	19.22	0.084	2	Pass
20MHz_Middle_QPSK_100@0	21.57	19.36	0.086	2	Pass
20MHz_Middle_16QAM_1@0	21.88	19.67	0.093	2	Pass
20MHz_Middle_16QAM_1@49	22.12	19.91	0.098	2	Pass
20MHz_Middle_16QAM_1@99	21.74	19.53	0.090	2	Pass
20MHz_Middle_16QAM_50@0	20.55	18.34	0.068	2	Pass
20MHz_Middle_16QAM_50@24	20.52	18.31	0.068	2	Pass
20MHz_Middle_16QAM_50@50	20.51	18.30	0.068	2	Pass
20MHz_Middle_16QAM_100@0	20.50	18.29	0.067	2	Pass
20MHz_High_QPSK_1@0	22.16	19.95	0.099	2	Pass
20MHz_High_QPSK_1@49	22.42	20.21	0.105	2	Pass
20MHz_High_QPSK_1@99	22.19	19.98	0.100	2	Pass
20MHz_High_QPSK_50@0	21.42	19.21	0.083	2	Pass
20MHz_High_QPSK_50@24	21.45	19.24	0.084	2	Pass
20MHz_High_QPSK_50@50	21.32	19.11	0.081	2	Pass
20MHz_High_QPSK_100@0	21.39	19.18	0.083	2	Pass
20MHz_High_16QAM_1@0	21.48	19.27	0.085	2	Pass
20MHz_High_16QAM_1@49	21.76	19.55	0.090	2	Pass
20MHz_High_16QAM_1@99	21.56	19.35	0.086	2	Pass
20MHz_High_16QAM_50@0	20.50	18.29	0.067	2	Pass
20MHz_High_16QAM_50@24	20.55	18.34	0.068	2	Pass
20MHz_High_16QAM_50@50	20.42	18.21	0.066	2	Pass
20MHz_High_16QAM_100@0	20.52	18.31	0.068	2	Pass

Note:

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

1.Antenna Gain = -2.01dBi;

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	23.03	21.41	0.138	1	Pass
1.4MHz_Low_QPSK_1@3	23.19	21.57	0.144	1	Pass
1.4MHz_Low_QPSK_1@5	23.02	21.40	0.138	1	Pass
1.4MHz_Low_QPSK_3@0	23.01	21.39	0.138	1	Pass
1.4MHz_Low_QPSK_3@1	23.03	21.41	0.138	1	Pass
1.4MHz_Low_QPSK_3@3	22.96	21.34	0.136	1	Pass
1.4MHz_Low_QPSK_6@0	22.04	20.42	0.110	1	Pass
1.4MHz_Low_16QAM_1@0	22.33	20.71	0.118	1	Pass
1.4MHz_Low_16QAM_1@3	22.45	20.83	0.121	1	Pass
1.4MHz_Low_16QAM_1@5	22.33	20.71	0.118	1	Pass
1.4MHz_Low_16QAM_3@0	22.32	20.70	0.117	1	Pass
1.4MHz_Low_16QAM_3@1	22.36	20.74	0.119	1	Pass
1.4MHz_Low_16QAM_3@3	22.34	20.72	0.118	1	Pass
1.4MHz_Low_16QAM_6@0	20.93	19.31	0.085	1	Pass
1.4MHz_Middle_QPSK_1@0	22.75	21.13	0.130	1	Pass
1.4MHz_Middle_QPSK_1@3	22.90	21.28	0.134	1	Pass
1.4MHz_Middle_QPSK_1@5	22.76	21.14	0.130	1	Pass
1.4MHz_Middle_QPSK_3@0	22.85	21.23	0.133	1	Pass
1.4MHz_Middle_QPSK_3@1	22.91	21.29	0.135	1	Pass
1.4MHz_Middle_QPSK_3@3	22.89	21.27	0.134	1	Pass
1.4MHz_Middle_QPSK_6@0	22.05	20.43	0.110	1	Pass
1.4MHz_Middle_16QAM_1@0	21.73	20.11	0.103	1	Pass
1.4MHz_Middle_16QAM_1@3	21.88	20.26	0.106	1	Pass
1.4MHz_Middle_16QAM_1@5	21.74	20.12	0.103	1	Pass
1.4MHz_Middle_16QAM_3@0	22.09	20.47	0.111	1	Pass
1.4MHz_Middle_16QAM_3@1	22.13	20.51	0.112	1	Pass
1.4MHz_Middle_16QAM_3@3	22.09	20.47	0.111	1	Pass
1.4MHz_Middle_16QAM_6@0	21.16	19.54	0.090	1	Pass
1.4MHz_High_QPSK_1@0	22.84	21.22	0.132	1	Pass
1.4MHz_High_QPSK_1@3	23.02	21.40	0.138	1	Pass
1.4MHz_High_QPSK_1@5	22.81	21.19	0.132	1	Pass
1.4MHz_High_QPSK_3@0	22.84	21.22	0.132	1	Pass
1.4MHz_High_QPSK_3@1	22.90	21.28	0.134	1	Pass
1.4MHz_High_QPSK_3@3	22.88	21.26	0.134	1	Pass
1.4MHz_High_QPSK_6@0	22.05	20.43	0.110	1	Pass
1.4MHz_High_16QAM_1@0	21.71	20.09	0.102	1	Pass
1.4MHz_High_16QAM_1@3	21.88	20.26	0.106	1	Pass
1.4MHz_High_16QAM_1@5	21.75	20.13	0.103	1	Pass
1.4MHz_High_16QAM_3@0	22.08	20.46	0.111	1	Pass
1.4MHz_High_16QAM_3@1	22.13	20.51	0.112	1	Pass
1.4MHz_High_16QAM_3@3	22.09	20.47	0.111	1	Pass
1.4MHz_High_16QAM_6@0	21.15	19.53	0.090	1	Pass
3MHz_Low_QPSK_1@0	22.82	21.20	0.132	1	Pass
3MHz_Low_QPSK_1@8	22.80	21.18	0.131	1	Pass
3MHz_Low_QPSK_1@14	22.78	21.16	0.131	1	Pass
3MHz_Low_QPSK_8@0	22.01	20.39	0.109	1	Pass
3MHz_Low_QPSK_8@4	22.09	20.47	0.111	1	Pass
3MHz_Low_QPSK_8@7	22.05	20.43	0.110	1	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
3MHz_Low_QPSK_15@0	22.03	20.41	0.110	1	Pass
3MHz_Low_16QAM_1@0	21.80	20.18	0.104	1	Pass
3MHz_Low_16QAM_1@8	21.74	20.12	0.103	1	Pass
3MHz_Low_16QAM_1@14	21.70	20.08	0.102	1	Pass
3MHz_Low_16QAM_8@0	20.99	19.37	0.086	1	Pass
3MHz_Low_16QAM_8@4	21.06	19.44	0.088	1	Pass
3MHz_Low_16QAM_8@7	20.97	19.35	0.086	1	Pass
3MHz_Low_16QAM_15@0	20.97	19.35	0.086	1	Pass
3MHz_Middle_QPSK_1@0	22.86	21.24	0.133	1	Pass
3MHz_Middle_QPSK_1@8	22.87	21.25	0.133	1	Pass
3MHz_Middle_QPSK_1@14	22.85	21.23	0.133	1	Pass
3MHz_Middle_QPSK_8@0	22.01	20.39	0.109	1	Pass
3MHz_Middle_QPSK_8@4	22.05	20.43	0.110	1	Pass
3MHz_Middle_QPSK_8@7	22.02	20.40	0.110	1	Pass
3MHz_Middle_QPSK_15@0	21.99	20.37	0.109	1	Pass
3MHz_Middle_16QAM_1@0	21.91	20.29	0.107	1	Pass
3MHz_Middle_16QAM_1@8	21.93	20.31	0.107	1	Pass
3MHz_Middle_16QAM_1@14	21.88	20.26	0.106	1	Pass
3MHz_Middle_16QAM_8@0	20.98	19.36	0.086	1	Pass
3MHz_Middle_16QAM_8@4	21.05	19.43	0.088	1	Pass
3MHz_Middle_16QAM_8@7	20.94	19.32	0.086	1	Pass
3MHz_Middle_16QAM_15@0	20.97	19.35	0.086	1	Pass
3MHz_High_QPSK_1@0	23.05	21.43	0.139	1	Pass
3MHz_High_QPSK_1@8	23.05	21.43	0.139	1	Pass
3MHz_High_QPSK_1@14	23.02	21.40	0.138	1	Pass
3MHz_High_QPSK_8@0	21.97	20.35	0.108	1	Pass
3MHz_High_QPSK_8@4	22.02	20.40	0.110	1	Pass
3MHz_High_QPSK_8@7	21.99	20.37	0.109	1	Pass
3MHz_High_QPSK_15@0	21.96	20.34	0.108	1	Pass
3MHz_High_16QAM_1@0	22.24	20.62	0.115	1	Pass
3MHz_High_16QAM_1@8	22.27	20.65	0.116	1	Pass
3MHz_High_16QAM_1@14	22.28	20.66	0.116	1	Pass
3MHz_High_16QAM_8@0	21.03	19.41	0.087	1	Pass
3MHz_High_16QAM_8@4	21.05	19.43	0.088	1	Pass
3MHz_High_16QAM_8@7	20.99	19.37	0.086	1	Pass
3MHz_High_16QAM_15@0	20.88	19.26	0.084	1	Pass
5MHz_Low_QPSK_1@0	22.75	21.13	0.130	1	Pass
5MHz_Low_QPSK_1@12	22.98	21.36	0.137	1	Pass
5MHz_Low_QPSK_1@24	22.72	21.10	0.129	1	Pass
5MHz_Low_QPSK_12@0	22.01	20.39	0.109	1	Pass
5MHz_Low_QPSK_12@7	22.10	20.48	0.112	1	Pass
5MHz_Low_QPSK_12@13	22.02	20.40	0.110	1	Pass
5MHz_Low_QPSK_25@0	22.04	20.42	0.110	1	Pass
5MHz_Low_16QAM_1@0	21.90	20.28	0.107	1	Pass
5MHz_Low_16QAM_1@12	22.12	20.50	0.112	1	Pass
5MHz_Low_16QAM_1@24	21.86	20.24	0.106	1	Pass
5MHz_Low_16QAM_12@0	21.04	19.42	0.087	1	Pass
5MHz_Low_16QAM_12@7	21.14	19.52	0.090	1	Pass
5MHz_Low_16QAM_12@13	21.05	19.43	0.088	1	Pass
5MHz_Low_16QAM_25@0	20.98	19.36	0.086	1	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_Middle_QPSK_1@0	22.81	21.19	0.132	1	Pass
5MHz_Middle_QPSK_1@12	23.08	21.46	0.140	1	Pass
5MHz_Middle_QPSK_1@24	22.81	21.19	0.132	1	Pass
5MHz_Middle_QPSK_12@0	21.94	20.32	0.108	1	Pass
5MHz_Middle_QPSK_12@7	22.04	20.42	0.110	1	Pass
5MHz_Middle_QPSK_12@13	21.99	20.37	0.109	1	Pass
5MHz_Middle_QPSK_25@0	21.97	20.35	0.108	1	Pass
5MHz_Middle_16QAM_1@0	21.95	20.33	0.108	1	Pass
5MHz_Middle_16QAM_1@12	22.18	20.56	0.114	1	Pass
5MHz_Middle_16QAM_1@24	21.96	20.34	0.108	1	Pass
5MHz_Middle_16QAM_12@0	20.99	19.37	0.086	1	Pass
5MHz_Middle_16QAM_12@7	21.07	19.45	0.088	1	Pass
5MHz_Middle_16QAM_12@13	21	19.38	0.087	1	Pass
5MHz_Middle_16QAM_25@0	20.96	19.34	0.086	1	Pass
5MHz_High_QPSK_1@0	22.74	21.12	0.129	1	Pass
5MHz_High_QPSK_1@12	23	21.38	0.137	1	Pass
5MHz_High_QPSK_1@24	22.75	21.13	0.130	1	Pass
5MHz_High_QPSK_12@0	21.94	20.32	0.108	1	Pass
5MHz_High_QPSK_12@7	21.98	20.36	0.109	1	Pass
5MHz_High_QPSK_12@13	21.91	20.29	0.107	1	Pass
5MHz_High_QPSK_25@0	21.96	20.34	0.108	1	Pass
5MHz_High_16QAM_1@0	22.41	20.79	0.120	1	Pass
5MHz_High_16QAM_1@12	22.67	21.05	0.127	1	Pass
5MHz_High_16QAM_1@24	22.45	20.83	0.121	1	Pass
5MHz_High_16QAM_12@0	21.02	19.40	0.087	1	Pass
5MHz_High_16QAM_12@7	21.05	19.43	0.088	1	Pass
5MHz_High_16QAM_12@13	20.98	19.36	0.086	1	Pass
5MHz_High_16QAM_25@0	20.99	19.37	0.086	1	Pass
10MHz_Low_QPSK_1@0	22.81	21.19	0.132	1	Pass
10MHz_Low_QPSK_1@25	22.91	21.29	0.135	1	Pass
10MHz_Low_QPSK_1@49	22.75	21.13	0.130	1	Pass
10MHz_Low_QPSK_25@0	22.04	20.42	0.110	1	Pass
10MHz_Low_QPSK_25@12	22.06	20.44	0.111	1	Pass
10MHz_Low_QPSK_25@25	22.05	20.43	0.110	1	Pass
10MHz_Low_QPSK_50@0	22.05	20.43	0.110	1	Pass
10MHz_Low_16QAM_1@0	21.79	20.17	0.104	1	Pass
10MHz_Low_16QAM_1@25	21.80	20.18	0.104	1	Pass
10MHz_Low_16QAM_1@49	21.71	20.09	0.102	1	Pass
10MHz_Low_16QAM_25@0	21.09	19.47	0.089	1	Pass
10MHz_Low_16QAM_25@12	21.11	19.49	0.089	1	Pass
10MHz_Low_16QAM_25@25	21.08	19.46	0.088	1	Pass
10MHz_Low_16QAM_50@0	21.02	19.40	0.087	1	Pass
10MHz_Middle_QPSK_1@0	22.85	21.23	0.133	1	Pass
10MHz_Middle_QPSK_1@25	23.05	21.43	0.139	1	Pass
10MHz_Middle_QPSK_1@49	22.91	21.29	0.135	1	Pass
10MHz_Middle_QPSK_25@0	22.02	20.40	0.110	1	Pass
10MHz_Middle_QPSK_25@12	22.04	20.42	0.110	1	Pass
10MHz_Middle_QPSK_25@25	22.07	20.45	0.111	1	Pass
10MHz_Middle_QPSK_50@0	22.04	20.42	0.110	1	Pass
10MHz_Middle_16QAM_1@0	21.92	20.30	0.107	1	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_Middle_16QAM_1@25	22.08	20.46	0.111	1	Pass
10MHz_Middle_16QAM_1@49	21.95	20.33	0.108	1	Pass
10MHz_Middle_16QAM_25@0	21.06	19.44	0.088	1	Pass
10MHz_Middle_16QAM_25@12	21.07	19.45	0.088	1	Pass
10MHz_Middle_16QAM_25@25	21.10	19.48	0.089	1	Pass
10MHz_Middle_16QAM_50@0	20.97	19.35	0.086	1	Pass
10MHz_High_QPSK_1@0	23.04	21.42	0.139	1	Pass
10MHz_High_QPSK_1@25	23.14	21.52	0.142	1	Pass
10MHz_High_QPSK_1@49	23.05	21.43	0.139	1	Pass
10MHz_High_QPSK_25@0	21.98	20.36	0.109	1	Pass
10MHz_High_QPSK_25@12	21.98	20.36	0.109	1	Pass
10MHz_High_QPSK_25@25	21.96	20.34	0.108	1	Pass
10MHz_High_QPSK_50@0	21.96	20.34	0.108	1	Pass
10MHz_High_16QAM_1@0	22.26	20.64	0.116	1	Pass
10MHz_High_16QAM_1@25	22.46	20.84	0.121	1	Pass
10MHz_High_16QAM_1@49	22.30	20.68	0.117	1	Pass
10MHz_High_16QAM_25@0	20.96	19.34	0.086	1	Pass
10MHz_High_16QAM_25@12	20.98	19.36	0.086	1	Pass
10MHz_High_16QAM_25@25	20.95	19.33	0.086	1	Pass
10MHz_High_16QAM_50@0	20.91	19.29	0.085	1	Pass
15MHz_Low_QPSK_1@0	22.97	21.35	0.136	1	Pass
15MHz_Low_QPSK_1@37	23.09	21.47	0.140	1	Pass
15MHz_Low_QPSK_1@74	22.93	21.31	0.135	1	Pass
15MHz_Low_QPSK_36@0	22.02	20.40	0.110	1	Pass
15MHz_Low_QPSK_36@20	22.02	20.40	0.110	1	Pass
15MHz_Low_QPSK_36@39	22.03	20.41	0.110	1	Pass
15MHz_Low_QPSK_75@0	22.09	20.47	0.111	1	Pass
15MHz_Low_16QAM_1@0	21.94	20.32	0.108	1	Pass
15MHz_Low_16QAM_1@37	22.07	20.45	0.111	1	Pass
15MHz_Low_16QAM_1@74	21.99	20.37	0.109	1	Pass
15MHz_Low_16QAM_36@0	20.99	19.37	0.086	1	Pass
15MHz_Low_16QAM_36@20	21	19.38	0.087	1	Pass
15MHz_Low_16QAM_36@39	21.01	19.39	0.087	1	Pass
15MHz_Low_16QAM_75@0	21	19.38	0.087	1	Pass
15MHz_Middle_QPSK_1@0	22.86	21.24	0.133	1	Pass
15MHz_Middle_QPSK_1@37	23	21.38	0.137	1	Pass
15MHz_Middle_QPSK_1@74	22.80	21.18	0.131	1	Pass
15MHz_Middle_QPSK_36@0	22.04	20.42	0.110	1	Pass
15MHz_Middle_QPSK_36@20	22.05	20.43	0.110	1	Pass
15MHz_Middle_QPSK_36@39	22.06	20.44	0.111	1	Pass
15MHz_Middle_QPSK_75@0	22.10	20.48	0.112	1	Pass
15MHz_Middle_16QAM_1@0	21.91	20.29	0.107	1	Pass
15MHz_Middle_16QAM_1@37	22.06	20.44	0.111	1	Pass
15MHz_Middle_16QAM_1@74	21.82	20.20	0.105	1	Pass
15MHz_Middle_16QAM_36@0	21.05	19.43	0.088	1	Pass
15MHz_Middle_16QAM_36@20	21.09	19.47	0.089	1	Pass
15MHz_Middle_16QAM_36@39	21.03	19.41	0.087	1	Pass
15MHz_Middle_16QAM_75@0	21.01	19.39	0.087	1	Pass
15MHz_High_QPSK_1@0	23.05	21.43	0.139	1	Pass
15MHz_High_QPSK_1@37	23.22	21.60	0.145	1	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
15MHz_High_QPSK_1@74	22.96	21.34	0.136	1	Pass
15MHz_High_QPSK_36@0	22.08	20.46	0.111	1	Pass
15MHz_High_QPSK_36@20	22.08	20.46	0.111	1	Pass
15MHz_High_QPSK_36@39	22.02	20.40	0.110	1	Pass
15MHz_High_QPSK_75@0	22.05	20.43	0.110	1	Pass
15MHz_High_16QAM_1@0	22.33	20.71	0.118	1	Pass
15MHz_High_16QAM_1@37	22.43	20.81	0.121	1	Pass
15MHz_High_16QAM_1@74	22.23	20.61	0.115	1	Pass
15MHz_High_16QAM_36@0	21.05	19.43	0.088	1	Pass
15MHz_High_16QAM_36@20	21.03	19.41	0.087	1	Pass
15MHz_High_16QAM_36@39	21.02	19.40	0.087	1	Pass
15MHz_High_16QAM_75@0	21.03	19.41	0.087	1	Pass
20MHz_Low_QPSK_1@0	22.55	20.93	0.124	1	Pass
20MHz_Low_QPSK_1@49	22.82	21.20	0.132	1	Pass
20MHz_Low_QPSK_1@99	22.55	20.93	0.124	1	Pass
20MHz_Low_QPSK_50@0	21.97	20.35	0.108	1	Pass
20MHz_Low_QPSK_50@24	22.04	20.42	0.110	1	Pass
20MHz_Low_QPSK_50@50	22	20.38	0.109	1	Pass
20MHz_Low_QPSK_100@0	21.98	20.36	0.109	1	Pass
20MHz_Low_16QAM_1@0	22.01	20.39	0.109	1	Pass
20MHz_Low_16QAM_1@49	22.26	20.64	0.116	1	Pass
20MHz_Low_16QAM_1@99	22.04	20.42	0.110	1	Pass
20MHz_Low_16QAM_50@0	20.89	19.27	0.085	1	Pass
20MHz_Low_16QAM_50@24	20.96	19.34	0.086	1	Pass
20MHz_Low_16QAM_50@50	20.89	19.27	0.085	1	Pass
20MHz_Low_16QAM_100@0	20.93	19.31	0.085	1	Pass
20MHz_Middle_QPSK_1@0	22.62	21.00	0.126	1	Pass
20MHz_Middle_QPSK_1@49	22.98	21.36	0.137	1	Pass
20MHz_Middle_QPSK_1@99	22.70	21.08	0.128	1	Pass
20MHz_Middle_QPSK_50@0	22.03	20.41	0.110	1	Pass
20MHz_Middle_QPSK_50@24	22.04	20.42	0.110	1	Pass
20MHz_Middle_QPSK_50@50	21.99	20.37	0.109	1	Pass
20MHz_Middle_QPSK_100@0	22.04	20.42	0.110	1	Pass
20MHz_Middle_16QAM_1@0	22.33	20.71	0.118	1	Pass
20MHz_Middle_16QAM_1@49	22.71	21.09	0.129	1	Pass
20MHz_Middle_16QAM_1@99	22.39	20.77	0.119	1	Pass
20MHz_Middle_16QAM_50@0	21.03	19.41	0.087	1	Pass
20MHz_Middle_16QAM_50@24	21.04	19.42	0.087	1	Pass
20MHz_Middle_16QAM_50@50	21.03	19.41	0.087	1	Pass
20MHz_Middle_16QAM_100@0	21.01	19.39	0.087	1	Pass
20MHz_High_QPSK_1@0	22.58	20.96	0.125	1	Pass
20MHz_High_QPSK_1@49	22.87	21.25	0.133	1	Pass
20MHz_High_QPSK_1@99	22.57	20.95	0.124	1	Pass
20MHz_High_QPSK_50@0	21.99	20.37	0.109	1	Pass
20MHz_High_QPSK_50@24	22.02	20.40	0.110	1	Pass
20MHz_High_QPSK_50@50	21.95	20.33	0.108	1	Pass
20MHz_High_QPSK_100@0	22	20.38	0.109	1	Pass
20MHz_High_16QAM_1@0	22.03	20.41	0.110	1	Pass
20MHz_High_16QAM_1@49	22.25	20.63	0.116	1	Pass
20MHz_High_16QAM_1@99	21.99	20.37	0.109	1	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
20MHz_High_16QAM_50@0	20.96	19.34	0.086	1	Pass
20MHz_High_16QAM_50@24	21.01	19.39	0.087	1	Pass
20MHz_High_16QAM_50@50	20.91	19.29	0.085	1	Pass
20MHz_High_16QAM_100@0	20.90	19.28	0.085	1	Pass

Note:

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

1.Antenna Gain = -1.42dBi;

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	22.10	19.99	0.100	2	Pass
5MHz_Low_QPSK_1@12	22.33	20.22	0.105	2	Pass
5MHz_Low_QPSK_1@24	22.06	19.95	0.099	2	Pass
5MHz_Low_QPSK_12@0	21.27	19.16	0.082	2	Pass
5MHz_Low_QPSK_12@7	21.33	19.22	0.084	2	Pass
5MHz_Low_QPSK_12@13	21.32	19.21	0.083	2	Pass
5MHz_Low_QPSK_25@0	21.30	19.19	0.083	2	Pass
5MHz_Low_16QAM_1@0	21.17	19.06	0.081	2	Pass
5MHz_Low_16QAM_1@12	21.42	19.31	0.085	2	Pass
5MHz_Low_16QAM_1@24	21.17	19.06	0.081	2	Pass
5MHz_Low_16QAM_12@0	20.31	18.20	0.066	2	Pass
5MHz_Low_16QAM_12@7	20.39	18.28	0.067	2	Pass
5MHz_Low_16QAM_12@13	20.34	18.23	0.067	2	Pass
5MHz_Low_16QAM_25@0	20.22	18.11	0.065	2	Pass
5MHz_Middle_QPSK_1@0	22.23	20.12	0.103	2	Pass
5MHz_Middle_QPSK_1@12	22.50	20.39	0.109	2	Pass
5MHz_Middle_QPSK_1@24	22.27	20.16	0.104	2	Pass
5MHz_Middle_QPSK_12@0	21.42	19.31	0.085	2	Pass
5MHz_Middle_QPSK_12@7	21.48	19.37	0.086	2	Pass
5MHz_Middle_QPSK_12@13	21.43	19.32	0.086	2	Pass
5MHz_Middle_QPSK_25@0	21.44	19.33	0.086	2	Pass
5MHz_Middle_16QAM_1@0	21.34	19.23	0.084	2	Pass
5MHz_Middle_16QAM_1@12	21.61	19.50	0.089	2	Pass
5MHz_Middle_16QAM_1@24	21.36	19.25	0.084	2	Pass
5MHz_Middle_16QAM_12@0	20.42	18.31	0.068	2	Pass
5MHz_Middle_16QAM_12@7	20.45	18.34	0.068	2	Pass
5MHz_Middle_16QAM_12@13	20.46	18.35	0.068	2	Pass
5MHz_Middle_16QAM_25@0	20.34	18.23	0.067	2	Pass
5MHz_High_QPSK_1@0	22.25	20.14	0.103	2	Pass
5MHz_High_QPSK_1@12	22.49	20.38	0.109	2	Pass
5MHz_High_QPSK_1@24	22.33	20.22	0.105	2	Pass
5MHz_High_QPSK_12@0	21.43	19.32	0.086	2	Pass
5MHz_High_QPSK_12@7	21.42	19.31	0.085	2	Pass
5MHz_High_QPSK_12@13	21.35	19.24	0.084	2	Pass
5MHz_High_QPSK_25@0	21.39	19.28	0.085	2	Pass
5MHz_High_16QAM_1@0	21.85	19.74	0.094	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_High_16QAM_1@12	22.07	19.96	0.099	2	Pass
5MHz_High_16QAM_1@24	21.85	19.74	0.094	2	Pass
5MHz_High_16QAM_12@0	20.45	18.34	0.068	2	Pass
5MHz_High_16QAM_12@7	20.44	18.33	0.068	2	Pass
5MHz_High_16QAM_12@13	20.39	18.28	0.067	2	Pass
5MHz_High_16QAM_25@0	20.39	18.28	0.067	2	Pass
10MHz_Low_QPSK_1@0	22.16	20.05	0.101	2	Pass
10MHz_Low_QPSK_1@25	22.35	20.24	0.106	2	Pass
10MHz_Low_QPSK_1@49	22.17	20.06	0.101	2	Pass
10MHz_Low_QPSK_25@0	21.41	19.30	0.085	2	Pass
10MHz_Low_QPSK_25@12	21.43	19.32	0.086	2	Pass
10MHz_Low_QPSK_25@25	21.47	19.36	0.086	2	Pass
10MHz_Low_QPSK_50@0	21.42	19.31	0.085	2	Pass
10MHz_Low_16QAM_1@0	21.09	18.98	0.079	2	Pass
10MHz_Low_16QAM_1@25	21.24	19.13	0.082	2	Pass
10MHz_Low_16QAM_1@49	21.04	18.93	0.078	2	Pass
10MHz_Low_16QAM_25@0	20.45	18.34	0.068	2	Pass
10MHz_Low_16QAM_25@12	20.49	18.38	0.069	2	Pass
10MHz_Low_16QAM_25@25	20.48	18.37	0.069	2	Pass
10MHz_Low_16QAM_50@0	20.38	18.27	0.067	2	Pass
10MHz_Middle_QPSK_1@0	22.42	20.31	0.107	2	Pass
10MHz_Middle_QPSK_1@25	22.54	20.43	0.110	2	Pass
10MHz_Middle_QPSK_1@49	22.40	20.29	0.107	2	Pass
10MHz_Middle_QPSK_25@0	21.58	19.47	0.089	2	Pass
10MHz_Middle_QPSK_25@12	21.58	19.47	0.089	2	Pass
10MHz_Middle_QPSK_25@25	21.55	19.44	0.088	2	Pass
10MHz_Middle_QPSK_50@0	21.57	19.46	0.088	2	Pass
10MHz_Middle_16QAM_1@0	21.41	19.30	0.085	2	Pass
10MHz_Middle_16QAM_1@25	21.56	19.45	0.088	2	Pass
10MHz_Middle_16QAM_1@49	21.35	19.24	0.084	2	Pass
10MHz_Middle_16QAM_25@0	20.56	18.45	0.070	2	Pass
10MHz_Middle_16QAM_25@12	20.56	18.45	0.070	2	Pass
10MHz_Middle_16QAM_25@25	20.53	18.42	0.070	2	Pass
10MHz_Middle_16QAM_50@0	20.47	18.36	0.069	2	Pass
10MHz_High_QPSK_1@0	22.49	20.38	0.109	2	Pass
10MHz_High_QPSK_1@25	22.76	20.65	0.116	2	Pass
10MHz_High_QPSK_1@49	22.61	20.50	0.112	2	Pass
10MHz_High_QPSK_25@0	21.59	19.48	0.089	2	Pass
10MHz_High_QPSK_25@12	21.53	19.42	0.087	2	Pass
10MHz_High_QPSK_25@25	21.45	19.34	0.086	2	Pass
10MHz_High_QPSK_50@0	21.47	19.36	0.086	2	Pass
10MHz_High_16QAM_1@0	21.71	19.60	0.091	2	Pass
10MHz_High_16QAM_1@25	21.89	19.78	0.095	2	Pass
10MHz_High_16QAM_1@49	21.64	19.53	0.090	2	Pass
10MHz_High_16QAM_25@0	20.48	18.37	0.069	2	Pass
10MHz_High_16QAM_25@12	20.49	18.38	0.069	2	Pass
10MHz_High_16QAM_25@25	20.38	18.27	0.067	2	Pass
10MHz_High_16QAM_50@0	20.39	18.28	0.067	2	Pass
15MHz_Low_QPSK_1@0	22.33	20.22	0.105	2	Pass
15MHz_Low_QPSK_1@37	22.55	20.44	0.111	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
15MHz_Low_QPSK_1@74	22.30	20.19	0.104	2	Pass
15MHz_Low_QPSK_36@0	21.50	19.39	0.087	2	Pass
15MHz_Low_QPSK_36@20	21.53	19.42	0.087	2	Pass
15MHz_Low_QPSK_36@39	21.50	19.39	0.087	2	Pass
15MHz_Low_QPSK_75@0	21.58	19.47	0.089	2	Pass
15MHz_Low_16QAM_1@0	21.17	19.06	0.081	2	Pass
15MHz_Low_16QAM_1@37	21.60	19.49	0.089	2	Pass
15MHz_Low_16QAM_1@74	21.30	19.19	0.083	2	Pass
15MHz_Low_16QAM_36@0	20.44	18.33	0.068	2	Pass
15MHz_Low_16QAM_36@20	20.48	18.37	0.069	2	Pass
15MHz_Low_16QAM_36@39	20.42	18.31	0.068	2	Pass
15MHz_Low_16QAM_75@0	20.42	18.31	0.068	2	Pass
15MHz_Middle_QPSK_1@0	22.37	20.26	0.106	2	Pass
15MHz_Middle_QPSK_1@37	22.59	20.48	0.112	2	Pass
15MHz_Middle_QPSK_1@74	22.37	20.26	0.106	2	Pass
15MHz_Middle_QPSK_36@0	21.63	19.52	0.090	2	Pass
15MHz_Middle_QPSK_36@20	21.62	19.51	0.089	2	Pass
15MHz_Middle_QPSK_36@39	21.66	19.55	0.090	2	Pass
15MHz_Middle_QPSK_75@0	21.67	19.56	0.090	2	Pass
15MHz_Middle_16QAM_1@0	21.58	19.47	0.089	2	Pass
15MHz_Middle_16QAM_1@37	21.84	19.73	0.094	2	Pass
15MHz_Middle_16QAM_1@74	21.54	19.43	0.088	2	Pass
15MHz_Middle_16QAM_36@0	20.48	18.37	0.069	2	Pass
15MHz_Middle_16QAM_36@20	20.49	18.38	0.069	2	Pass
15MHz_Middle_16QAM_36@39	20.48	18.37	0.069	2	Pass
15MHz_Middle_16QAM_75@0	20.51	18.40	0.069	2	Pass
15MHz_High_QPSK_1@0	22.39	20.28	0.107	2	Pass
15MHz_High_QPSK_1@37	22.64	20.53	0.113	2	Pass
15MHz_High_QPSK_1@74	22.44	20.33	0.108	2	Pass
15MHz_High_QPSK_36@0	21.62	19.51	0.089	2	Pass
15MHz_High_QPSK_36@20	21.59	19.48	0.089	2	Pass
15MHz_High_QPSK_36@39	21.51	19.40	0.087	2	Pass
15MHz_High_QPSK_75@0	21.54	19.43	0.088	2	Pass
15MHz_High_16QAM_1@0	21.77	19.66	0.092	2	Pass
15MHz_High_16QAM_1@37	21.89	19.78	0.095	2	Pass
15MHz_High_16QAM_1@74	21.67	19.56	0.090	2	Pass
15MHz_High_16QAM_36@0	20.56	18.45	0.070	2	Pass
15MHz_High_16QAM_36@20	20.49	18.38	0.069	2	Pass
15MHz_High_16QAM_36@39	20.43	18.32	0.068	2	Pass
15MHz_High_16QAM_75@0	20.43	18.32	0.068	2	Pass
20MHz_Low_QPSK_1@0	22.19	20.08	0.102	2	Pass
20MHz_Low_QPSK_1@49	22.40	20.29	0.107	2	Pass
20MHz_Low_QPSK_1@99	21.80	19.69	0.093	2	Pass
20MHz_Low_QPSK_50@0	21.25	19.14	0.082	2	Pass
20MHz_Low_QPSK_50@24	21.33	19.22	0.084	2	Pass
20MHz_Low_QPSK_50@50	21.28	19.17	0.083	2	Pass
20MHz_Low_QPSK_100@0	21.26	19.15	0.082	2	Pass
20MHz_Low_16QAM_1@0	21.67	19.56	0.090	2	Pass
20MHz_Low_16QAM_1@49	21.69	19.58	0.091	2	Pass
20MHz_Low_16QAM_1@99	21.57	19.46	0.088	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
20MHz_Low_16QAM_50@0	20.28	18.17	0.066	2	Pass
20MHz_Low_16QAM_50@24	20.34	18.23	0.067	2	Pass
20MHz_Low_16QAM_50@50	20.20	18.09	0.064	2	Pass
20MHz_Low_16QAM_100@0	20.21	18.10	0.065	2	Pass
20MHz_Middle_QPSK_1@0	22.02	19.91	0.098	2	Pass
20MHz_Middle_QPSK_1@49	22.41	20.30	0.107	2	Pass
20MHz_Middle_QPSK_1@99	22	19.89	0.097	2	Pass
20MHz_Middle_QPSK_50@0	21.47	19.36	0.086	2	Pass
20MHz_Middle_QPSK_50@24	21.57	19.46	0.088	2	Pass
20MHz_Middle_QPSK_50@50	21.43	19.32	0.086	2	Pass
20MHz_Middle_QPSK_100@0	21.50	19.39	0.087	2	Pass
20MHz_Middle_16QAM_1@0	21.76	19.65	0.092	2	Pass
20MHz_Middle_16QAM_1@49	22.06	19.95	0.099	2	Pass
20MHz_Middle_16QAM_1@99	21.52	19.41	0.087	2	Pass
20MHz_Middle_16QAM_50@0	20.33	18.22	0.066	2	Pass
20MHz_Middle_16QAM_50@24	20.41	18.30	0.068	2	Pass
20MHz_Middle_16QAM_50@50	20.38	18.27	0.067	2	Pass
20MHz_Middle_16QAM_100@0	20.26	18.15	0.065	2	Pass
20MHz_High_QPSK_1@0	22.02	19.91	0.098	2	Pass
20MHz_High_QPSK_1@49	22.34	20.23	0.105	2	Pass
20MHz_High_QPSK_1@99	22.05	19.94	0.099	2	Pass
20MHz_High_QPSK_50@0	21.39	19.28	0.085	2	Pass
20MHz_High_QPSK_50@24	21.46	19.35	0.086	2	Pass
20MHz_High_QPSK_50@50	21.28	19.17	0.083	2	Pass
20MHz_High_QPSK_100@0	21.34	19.23	0.084	2	Pass
20MHz_High_16QAM_1@0	21.44	19.33	0.086	2	Pass
20MHz_High_16QAM_1@49	21.73	19.62	0.092	2	Pass
20MHz_High_16QAM_1@99	21.21	19.10	0.081	2	Pass
20MHz_High_16QAM_50@0	20.15	18.04	0.064	2	Pass
20MHz_High_16QAM_50@24	20.25	18.14	0.065	2	Pass
20MHz_High_16QAM_50@50	20.11	18.00	0.063	2	Pass
20MHz_High_16QAM_100@0	20.20	18.09	0.064	2	Pass

Note:

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

1. Antenna Gain = -1.81dBi;

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	23.37	18.27	0.067	3	Pass
1.4MHz_Low_QPSK_1@3	23.52	18.42	0.070	3	Pass
1.4MHz_Low_QPSK_1@5	23.34	18.24	0.067	3	Pass
1.4MHz_Low_QPSK_3@0	23.36	18.26	0.067	3	Pass
1.4MHz_Low_QPSK_3@1	23.41	18.31	0.068	3	Pass
1.4MHz_Low_QPSK_3@3	23.45	18.35	0.068	3	Pass
1.4MHz_Low_QPSK_6@0	22.48	17.38	0.055	3	Pass
1.4MHz_Low_16QAM_1@0	22.25	17.15	0.052	3	Pass
1.4MHz_Low_16QAM_1@3	22.46	17.36	0.054	3	Pass
1.4MHz_Low_16QAM_1@5	22.29	17.19	0.052	3	Pass
1.4MHz_Low_16QAM_3@0	22.66	17.56	0.057	3	Pass
1.4MHz_Low_16QAM_3@1	22.68	17.58	0.057	3	Pass
1.4MHz_Low_16QAM_3@3	22.66	17.56	0.057	3	Pass
1.4MHz_Low_16QAM_6@0	21.64	16.54	0.045	3	Pass
1.4MHz_Middle_QPSK_1@0	23.56	18.46	0.070	3	Pass
1.4MHz_Middle_QPSK_1@3	23.70	18.60	0.072	3	Pass
1.4MHz_Middle_QPSK_1@5	23.54	18.44	0.070	3	Pass
1.4MHz_Middle_QPSK_3@0	23.42	18.32	0.068	3	Pass
1.4MHz_Middle_QPSK_3@1	23.42	18.32	0.068	3	Pass
1.4MHz_Middle_QPSK_3@3	23.35	18.25	0.067	3	Pass
1.4MHz_Middle_QPSK_6@0	22.54	17.44	0.055	3	Pass
1.4MHz_Middle_16QAM_1@0	22.75	17.65	0.058	3	Pass
1.4MHz_Middle_16QAM_1@3	22.87	17.77	0.060	3	Pass
1.4MHz_Middle_16QAM_1@5	22.75	17.65	0.058	3	Pass
1.4MHz_Middle_16QAM_3@0	22.74	17.64	0.058	3	Pass
1.4MHz_Middle_16QAM_3@1	22.78	17.68	0.059	3	Pass
1.4MHz_Middle_16QAM_3@3	22.79	17.69	0.059	3	Pass
1.4MHz_Middle_16QAM_6@0	21.37	16.27	0.042	3	Pass
1.4MHz_High_QPSK_1@0	23.28	18.18	0.066	3	Pass
1.4MHz_High_QPSK_1@3	23.48	18.38	0.069	3	Pass
1.4MHz_High_QPSK_1@5	23.36	18.26	0.067	3	Pass
1.4MHz_High_QPSK_3@0	23.36	18.26	0.067	3	Pass
1.4MHz_High_QPSK_3@1	23.38	18.28	0.067	3	Pass
1.4MHz_High_QPSK_3@3	23.38	18.28	0.067	3	Pass
1.4MHz_High_QPSK_6@0	22.62	17.52	0.056	3	Pass
1.4MHz_High_16QAM_1@0	22.11	17.01	0.050	3	Pass
1.4MHz_High_16QAM_1@3	22.36	17.26	0.053	3	Pass
1.4MHz_High_16QAM_1@5	22.21	17.11	0.051	3	Pass
1.4MHz_High_16QAM_3@0	22.49	17.39	0.055	3	Pass
1.4MHz_High_16QAM_3@1	22.59	17.49	0.056	3	Pass
1.4MHz_High_16QAM_3@3	22.47	17.37	0.055	3	Pass
1.4MHz_High_16QAM_6@0	21.65	16.55	0.045	3	Pass
3MHz_Low_QPSK_1@0	23.32	18.22	0.066	3	Pass
3MHz_Low_QPSK_1@8	23.33	18.23	0.067	3	Pass
3MHz_Low_QPSK_1@14	23.38	18.28	0.067	3	Pass
3MHz_Low_QPSK_8@0	22.51	17.41	0.055	3	Pass
3MHz_Low_QPSK_8@4	22.56	17.46	0.056	3	Pass
3MHz_Low_QPSK_8@7	22.50	17.40	0.055	3	Pass

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
3MHz_Low_QPSK_15@0	22.50	17.40	0.055	3	Pass
3MHz_Low_16QAM_1@0	22.34	17.24	0.053	3	Pass
3MHz_Low_16QAM_1@8	22.29	17.19	0.052	3	Pass
3MHz_Low_16QAM_1@14	22.30	17.20	0.052	3	Pass
3MHz_Low_16QAM_8@0	21.38	16.28	0.042	3	Pass
3MHz_Low_16QAM_8@4	21.50	16.40	0.044	3	Pass
3MHz_Low_16QAM_8@7	21.46	16.36	0.043	3	Pass
3MHz_Low_16QAM_15@0	21.43	16.33	0.043	3	Pass
3MHz_Middle_QPSK_1@0	23.42	18.32	0.068	3	Pass
3MHz_Middle_QPSK_1@8	23.41	18.31	0.068	3	Pass
3MHz_Middle_QPSK_1@14	23.44	18.34	0.068	3	Pass
3MHz_Middle_QPSK_8@0	22.56	17.46	0.056	3	Pass
3MHz_Middle_QPSK_8@4	22.59	17.49	0.056	3	Pass
3MHz_Middle_QPSK_8@7	22.51	17.41	0.055	3	Pass
3MHz_Middle_QPSK_15@0	22.49	17.39	0.055	3	Pass
3MHz_Middle_16QAM_1@0	22.44	17.34	0.054	3	Pass
3MHz_Middle_16QAM_1@8	22.41	17.31	0.054	3	Pass
3MHz_Middle_16QAM_1@14	22.43	17.33	0.054	3	Pass
3MHz_Middle_16QAM_8@0	21.41	16.31	0.043	3	Pass
3MHz_Middle_16QAM_8@4	21.54	16.44	0.044	3	Pass
3MHz_Middle_16QAM_8@7	21.45	16.35	0.043	3	Pass
3MHz_Middle_16QAM_15@0	21.35	16.25	0.042	3	Pass
3MHz_High_QPSK_1@0	23.61	18.51	0.071	3	Pass
3MHz_High_QPSK_1@8	23.62	18.52	0.071	3	Pass
3MHz_High_QPSK_1@14	23.65	18.55	0.072	3	Pass
3MHz_High_QPSK_8@0	22.55	17.45	0.056	3	Pass
3MHz_High_QPSK_8@4	22.59	17.49	0.056	3	Pass
3MHz_High_QPSK_8@7	22.57	17.47	0.056	3	Pass
3MHz_High_QPSK_15@0	22.47	17.37	0.055	3	Pass
3MHz_High_16QAM_1@0	22.81	17.71	0.059	3	Pass
3MHz_High_16QAM_1@8	22.79	17.69	0.059	3	Pass
3MHz_High_16QAM_1@14	22.81	17.71	0.059	3	Pass
3MHz_High_16QAM_8@0	21.57	16.47	0.044	3	Pass
3MHz_High_16QAM_8@4	21.50	16.40	0.044	3	Pass
3MHz_High_16QAM_8@7	21.51	16.41	0.044	3	Pass
3MHz_High_16QAM_15@0	21.41	16.31	0.043	3	Pass
5MHz_Low_QPSK_1@0	23.30	18.20	0.066	3	Pass
5MHz_Low_QPSK_1@12	23.55	18.45	0.070	3	Pass
5MHz_Low_QPSK_1@24	23.31	18.21	0.066	3	Pass
5MHz_Low_QPSK_12@0	22.41	17.31	0.054	3	Pass
5MHz_Low_QPSK_12@7	22.55	17.45	0.056	3	Pass
5MHz_Low_QPSK_12@13	22.50	17.40	0.055	3	Pass
5MHz_Low_QPSK_25@0	22.49	17.39	0.055	3	Pass
5MHz_Low_16QAM_1@0	22.38	17.28	0.053	3	Pass
5MHz_Low_16QAM_1@12	22.68	17.58	0.057	3	Pass
5MHz_Low_16QAM_1@24	22.39	17.29	0.054	3	Pass
5MHz_Low_16QAM_12@0	21.44	16.34	0.043	3	Pass
5MHz_Low_16QAM_12@7	21.56	16.46	0.044	3	Pass
5MHz_Low_16QAM_12@13	21.56	16.46	0.044	3	Pass
5MHz_Low_16QAM_25@0	21.43	16.33	0.043	3	Pass

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
5MHz_Middle_QPSK_1@0	23.31	18.21	0.066	3	Pass
5MHz_Middle_QPSK_1@12	23.65	18.55	0.072	3	Pass
5MHz_Middle_QPSK_1@24	23.44	18.34	0.068	3	Pass
5MHz_Middle_QPSK_12@0	22.60	17.50	0.056	3	Pass
5MHz_Middle_QPSK_12@7	22.55	17.45	0.056	3	Pass
5MHz_Middle_QPSK_12@13	22.51	17.41	0.055	3	Pass
5MHz_Middle_QPSK_25@0	22.54	17.44	0.055	3	Pass
5MHz_Middle_16QAM_1@0	22.43	17.33	0.054	3	Pass
5MHz_Middle_16QAM_1@12	22.68	17.58	0.057	3	Pass
5MHz_Middle_16QAM_1@24	22.50	17.40	0.055	3	Pass
5MHz_Middle_16QAM_12@0	21.55	16.45	0.044	3	Pass
5MHz_Middle_16QAM_12@7	21.52	16.42	0.044	3	Pass
5MHz_Middle_16QAM_12@13	21.46	16.36	0.043	3	Pass
5MHz_Middle_16QAM_25@0	21.46	16.36	0.043	3	Pass
5MHz_High_QPSK_1@0	23.30	18.20	0.066	3	Pass
5MHz_High_QPSK_1@12	23.57	18.47	0.070	3	Pass
5MHz_High_QPSK_1@24	23.34	18.24	0.067	3	Pass
5MHz_High_QPSK_12@0	22.42	17.32	0.054	3	Pass
5MHz_High_QPSK_12@7	22.59	17.49	0.056	3	Pass
5MHz_High_QPSK_12@13	22.46	17.36	0.054	3	Pass
5MHz_High_QPSK_25@0	22.46	17.36	0.054	3	Pass
5MHz_High_16QAM_1@0	22.40	17.30	0.054	3	Pass
5MHz_High_16QAM_1@12	22.60	17.50	0.056	3	Pass
5MHz_High_16QAM_1@24	22.39	17.29	0.054	3	Pass
5MHz_High_16QAM_12@0	21.47	16.37	0.043	3	Pass
5MHz_High_16QAM_12@7	21.55	16.45	0.044	3	Pass
5MHz_High_16QAM_12@13	21.38	16.28	0.042	3	Pass
5MHz_High_16QAM_25@0	21.34	16.24	0.042	3	Pass
10MHz_Low_QPSK_1@0	23.33	18.23	0.067	3	Pass
10MHz_Low_QPSK_1@25	23.51	18.41	0.069	3	Pass
10MHz_Low_QPSK_1@49	23.32	18.22	0.066	3	Pass
10MHz_Low_QPSK_25@0	22.37	17.27	0.053	3	Pass
10MHz_Low_QPSK_25@12	22.50	17.40	0.055	3	Pass
10MHz_Low_QPSK_25@25	22.41	17.31	0.054	3	Pass
10MHz_Low_QPSK_50@0	22.36	17.26	0.053	3	Pass
10MHz_Low_16QAM_1@0	22.49	17.39	0.055	3	Pass
10MHz_Low_16QAM_1@25	22.59	17.49	0.056	3	Pass
10MHz_Low_16QAM_1@49	22.32	17.22	0.053	3	Pass
10MHz_Low_16QAM_25@0	21.45	16.35	0.043	3	Pass
10MHz_Low_16QAM_25@12	21.58	16.48	0.044	3	Pass
10MHz_Low_16QAM_25@25	21.43	16.33	0.043	3	Pass
10MHz_Low_16QAM_50@0	21.36	16.26	0.042	3	Pass
10MHz_Middle_QPSK_1@0	23.40	18.30	0.068	3	Pass
10MHz_Middle_QPSK_1@25	23.62	18.52	0.071	3	Pass
10MHz_Middle_QPSK_1@49	23.42	18.32	0.068	3	Pass
10MHz_Middle_QPSK_25@0	22.70	17.60	0.058	3	Pass
10MHz_Middle_QPSK_25@12	22.58	17.48	0.056	3	Pass
10MHz_Middle_QPSK_25@25	22.63	17.53	0.057	3	Pass
10MHz_Middle_QPSK_50@0	22.64	17.54	0.057	3	Pass
10MHz_Middle_16QAM_1@0	22.44	17.34	0.054	3	Pass

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
10MHz_Middle_16QAM_1@25	22.62	17.52	0.056	3	Pass
10MHz_Middle_16QAM_1@49	22.41	17.31	0.054	3	Pass
10MHz_Middle_16QAM_25@0	21.69	16.59	0.046	3	Pass
10MHz_Middle_16QAM_25@12	21.58	16.48	0.044	3	Pass
10MHz_Middle_16QAM_25@25	21.63	16.53	0.045	3	Pass
10MHz_Middle_16QAM_50@0	21.59	16.49	0.045	3	Pass
10MHz_High_QPSK_1@0	23.59	18.49	0.071	3	Pass
10MHz_High_QPSK_1@25	23.78	18.68	0.074	3	Pass
10MHz_High_QPSK_1@49	23.61	18.51	0.071	3	Pass
10MHz_High_QPSK_25@0	22.57	17.47	0.056	3	Pass
10MHz_High_QPSK_25@12	22.57	17.47	0.056	3	Pass
10MHz_High_QPSK_25@25	22.56	17.46	0.056	3	Pass
10MHz_High_QPSK_50@0	22.54	17.44	0.055	3	Pass
10MHz_High_16QAM_1@0	22.85	17.75	0.060	3	Pass
10MHz_High_16QAM_1@25	23.03	17.93	0.062	3	Pass
10MHz_High_16QAM_1@49	22.79	17.69	0.059	3	Pass
10MHz_High_16QAM_25@0	21.58	16.48	0.044	3	Pass
10MHz_High_16QAM_25@12	21.56	16.46	0.044	3	Pass
10MHz_High_16QAM_25@25	21.55	16.45	0.044	3	Pass
10MHz_High_16QAM_50@0	21.48	16.38	0.043	3	Pass

Note:

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

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

1.Antenna Gain = -2.85dBi;

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	23.30	18.20	0.066	3	Pass
5MHz_Low_QPSK_1@12	23.73	18.63	0.073	3	Pass
5MHz_Low_QPSK_1@24	23.69	18.59	0.072	3	Pass
5MHz_Low_QPSK_12@0	22.68	17.58	0.057	3	Pass
5MHz_Low_QPSK_12@7	22.72	17.62	0.058	3	Pass
5MHz_Low_QPSK_12@13	22.74	17.64	0.058	3	Pass
5MHz_Low_QPSK_25@0	22.68	17.58	0.057	3	Pass
5MHz_Low_16QAM_1@0	22.90	17.80	0.060	3	Pass
5MHz_Low_16QAM_1@12	23.34	18.24	0.067	3	Pass
5MHz_Low_16QAM_1@24	23.37	18.27	0.067	3	Pass
5MHz_Low_16QAM_12@0	21.69	16.59	0.046	3	Pass
5MHz_Low_16QAM_12@7	21.75	16.65	0.046	3	Pass
5MHz_Low_16QAM_12@13	21.79	16.69	0.047	3	Pass
5MHz_Low_16QAM_25@0	21.67	16.57	0.045	3	Pass
5MHz_Middle_QPSK_1@0	23.62	18.52	0.071	3	Pass
5MHz_Middle_QPSK_1@12	24.01	18.91	0.078	3	Pass
5MHz_Middle_QPSK_1@24	23.74	18.64	0.073	3	Pass
5MHz_Middle_QPSK_12@0	22.94	17.84	0.061	3	Pass
5MHz_Middle_QPSK_12@7	23.05	17.95	0.062	3	Pass

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
5MHz_Middle_QPSK_12@13	22.99	17.89	0.062	3	Pass
5MHz_Middle_QPSK_25@0	22.99	17.89	0.062	3	Pass
5MHz_Middle_16QAM_1@0	22.74	17.64	0.058	3	Pass
5MHz_Middle_16QAM_1@12	23.16	18.06	0.064	3	Pass
5MHz_Middle_16QAM_1@24	22.81	17.71	0.059	3	Pass
5MHz_Middle_16QAM_12@0	21.95	16.85	0.048	3	Pass
5MHz_Middle_16QAM_12@7	22.10	17.00	0.050	3	Pass
5MHz_Middle_16QAM_12@13	22.11	17.01	0.050	3	Pass
5MHz_Middle_16QAM_25@0	21.93	16.83	0.048	3	Pass
5MHz_High_QPSK_1@0	23.84	18.74	0.075	3	Pass
5MHz_High_QPSK_1@12	24.01	18.91	0.078	3	Pass
5MHz_High_QPSK_1@24	23.81	18.71	0.074	3	Pass
5MHz_High_QPSK_12@0	22.84	17.74	0.059	3	Pass
5MHz_High_QPSK_12@7	22.95	17.85	0.061	3	Pass
5MHz_High_QPSK_12@13	22.82	17.72	0.059	3	Pass
5MHz_High_QPSK_25@0	22.89	17.79	0.060	3	Pass
5MHz_High_16QAM_1@0	22.92	17.82	0.061	3	Pass
5MHz_High_16QAM_1@12	23.12	18.02	0.063	3	Pass
5MHz_High_16QAM_1@24	22.88	17.78	0.060	3	Pass
5MHz_High_16QAM_12@0	21.87	16.77	0.048	3	Pass
5MHz_High_16QAM_12@7	21.97	16.87	0.049	3	Pass
5MHz_High_16QAM_12@13	21.82	16.72	0.047	3	Pass
5MHz_High_16QAM_25@0	21.82	16.72	0.047	3	Pass
10MHz_Low_QPSK_1@0	23.32	18.22	0.066	3	Pass
10MHz_Low_QPSK_1@25	23.93	18.83	0.076	3	Pass
10MHz_Low_QPSK_1@49	23.79	18.69	0.074	3	Pass
10MHz_Low_QPSK_25@0	22.89	17.79	0.060	3	Pass
10MHz_Low_QPSK_25@12	22.96	17.86	0.061	3	Pass
10MHz_Low_QPSK_25@25	23.19	18.09	0.064	3	Pass
10MHz_Low_QPSK_50@0	23.03	17.93	0.062	3	Pass
10MHz_Low_16QAM_1@0	22.19	17.09	0.051	3	Pass
10MHz_Low_16QAM_1@25	22.84	17.74	0.059	3	Pass
10MHz_Low_16QAM_1@49	22.65	17.55	0.057	3	Pass
10MHz_Low_16QAM_25@0	21.83	16.73	0.047	3	Pass
10MHz_Low_16QAM_25@12	21.90	16.80	0.048	3	Pass
10MHz_Low_16QAM_25@25	22.12	17.02	0.050	3	Pass
10MHz_Low_16QAM_50@0	21.96	16.86	0.049	3	Pass
10MHz_Middle_QPSK_1@0	23.42	18.32	0.068	3	Pass
10MHz_Middle_QPSK_1@25	23.94	18.84	0.077	3	Pass
10MHz_Middle_QPSK_1@49	23.78	18.68	0.074	3	Pass
10MHz_Middle_QPSK_25@0	22.95	17.85	0.061	3	Pass
10MHz_Middle_QPSK_25@12	23.04	17.94	0.062	3	Pass
10MHz_Middle_QPSK_25@25	23.12	18.02	0.063	3	Pass
10MHz_Middle_QPSK_50@0	23	17.90	0.062	3	Pass
10MHz_Middle_16QAM_1@0	22.31	17.21	0.053	3	Pass
10MHz_Middle_16QAM_1@25	22.85	17.75	0.060	3	Pass
10MHz_Middle_16QAM_1@49	22.65	17.55	0.057	3	Pass
10MHz_Middle_16QAM_25@0	21.96	16.86	0.049	3	Pass
10MHz_Middle_16QAM_25@12	22.04	16.94	0.049	3	Pass
10MHz_Middle_16QAM_25@25	22.13	17.03	0.050	3	Pass

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
10MHz_Middle_16QAM_50@0	21.98	16.88	0.049	3	Pass
10MHz_High_QPSK_1@0	23.60	18.50	0.071	3	Pass
10MHz_High_QPSK_1@25	24	18.90	0.078	3	Pass
10MHz_High_QPSK_1@49	23.95	18.85	0.077	3	Pass
10MHz_High_QPSK_25@0	22.96	17.86	0.061	3	Pass
10MHz_High_QPSK_25@12	23.01	17.91	0.062	3	Pass
10MHz_High_QPSK_25@25	23	17.90	0.062	3	Pass
10MHz_High_QPSK_50@0	23.05	17.95	0.062	3	Pass
10MHz_High_16QAM_1@0	22.67	17.57	0.057	3	Pass
10MHz_High_16QAM_1@25	23.13	18.03	0.064	3	Pass
10MHz_High_16QAM_1@49	22.88	17.78	0.060	3	Pass
10MHz_High_16QAM_25@0	22	16.90	0.049	3	Pass
10MHz_High_16QAM_25@12	22.08	16.98	0.050	3	Pass
10MHz_High_16QAM_25@25	22.04	16.94	0.049	3	Pass
10MHz_High_16QAM_50@0	21.94	16.84	0.048	3	Pass

Note:

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

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

1.Antenna Gain = -2.85 dBi;

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	23.67	22.05	0.160	1	Pass
1.4MHz_Low_QPSK_1@3	23.83	22.21	0.166	1	Pass
1.4MHz_Low_QPSK_1@5	23.71	22.09	0.162	1	Pass
1.4MHz_Low_QPSK_3@0	23.62	22.00	0.158	1	Pass
1.4MHz_Low_QPSK_3@1	23.66	22.04	0.160	1	Pass
1.4MHz_Low_QPSK_3@3	23.61	21.99	0.158	1	Pass
1.4MHz_Low_QPSK_6@0	22.69	21.07	0.128	1	Pass
1.4MHz_Low_16QAM_1@0	23.03	21.41	0.138	1	Pass
1.4MHz_Low_16QAM_1@3	23.16	21.54	0.143	1	Pass
1.4MHz_Low_16QAM_1@5	23.02	21.40	0.138	1	Pass
1.4MHz_Low_16QAM_3@0	22.98	21.36	0.137	1	Pass
1.4MHz_Low_16QAM_3@1	23.02	21.40	0.138	1	Pass
1.4MHz_Low_16QAM_3@3	23.03	21.41	0.138	1	Pass
1.4MHz_Low_16QAM_6@0	21.60	19.98	0.100	1	Pass
1.4MHz_Middle_QPSK_1@0	23.18	21.56	0.143	1	Pass
1.4MHz_Middle_QPSK_1@3	23.47	21.85	0.153	1	Pass
1.4MHz_Middle_QPSK_1@5	23.17	21.55	0.143	1	Pass
1.4MHz_Middle_QPSK_3@0	23.28	21.66	0.147	1	Pass
1.4MHz_Middle_QPSK_3@1	23.32	21.70	0.148	1	Pass
1.4MHz_Middle_QPSK_3@3	23.32	21.70	0.148	1	Pass
1.4MHz_Middle_QPSK_6@0	22.50	20.88	0.122	1	Pass
1.4MHz_Middle_16QAM_1@0	22.15	20.53	0.113	1	Pass
1.4MHz_Middle_16QAM_1@3	22.25	20.63	0.116	1	Pass
1.4MHz_Middle_16QAM_1@5	22.13	20.51	0.112	1	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
1.4MHz_Middle_16QAM_3@0	22.49	20.87	0.122	1	Pass
1.4MHz_Middle_16QAM_3@1	22.60	20.98	0.125	1	Pass
1.4MHz_Middle_16QAM_3@3	22.52	20.90	0.123	1	Pass
1.4MHz_Middle_16QAM_6@0	21.61	19.99	0.100	1	Pass
1.4MHz_High_QPSK_1@0	23.01	21.39	0.138	1	Pass
1.4MHz_High_QPSK_1@3	23.16	21.54	0.143	1	Pass
1.4MHz_High_QPSK_1@5	22.98	21.36	0.137	1	Pass
1.4MHz_High_QPSK_3@0	23.11	21.49	0.141	1	Pass
1.4MHz_High_QPSK_3@1	23.18	21.56	0.143	1	Pass
1.4MHz_High_QPSK_3@3	23.12	21.50	0.141	1	Pass
1.4MHz_High_QPSK_6@0	22.22	20.60	0.115	1	Pass
1.4MHz_High_16QAM_1@0	22	20.38	0.109	1	Pass
1.4MHz_High_16QAM_1@3	22.22	20.60	0.115	1	Pass
1.4MHz_High_16QAM_1@5	22	20.38	0.109	1	Pass
1.4MHz_High_16QAM_3@0	22.35	20.73	0.118	1	Pass
1.4MHz_High_16QAM_3@1	22.43	20.81	0.121	1	Pass
1.4MHz_High_16QAM_3@3	22.40	20.78	0.120	1	Pass
1.4MHz_High_16QAM_6@0	21.40	19.78	0.095	1	Pass
3MHz_Low_QPSK_1@0	23.44	21.82	0.152	1	Pass
3MHz_Low_QPSK_1@8	23.43	21.81	0.152	1	Pass
3MHz_Low_QPSK_1@14	23.41	21.79	0.151	1	Pass
3MHz_Low_QPSK_8@0	22.67	21.05	0.127	1	Pass
3MHz_Low_QPSK_8@4	22.70	21.08	0.128	1	Pass
3MHz_Low_QPSK_8@7	22.63	21.01	0.126	1	Pass
3MHz_Low_QPSK_15@0	22.65	21.03	0.127	1	Pass
3MHz_Low_16QAM_1@0	22.48	20.86	0.122	1	Pass
3MHz_Low_16QAM_1@8	22.38	20.76	0.119	1	Pass
3MHz_Low_16QAM_1@14	22.34	20.72	0.118	1	Pass
3MHz_Low_16QAM_8@0	21.61	19.99	0.100	1	Pass
3MHz_Low_16QAM_8@4	21.65	20.03	0.101	1	Pass
3MHz_Low_16QAM_8@7	21.59	19.97	0.099	1	Pass
3MHz_Low_16QAM_15@0	21.60	19.98	0.100	1	Pass
3MHz_Middle_QPSK_1@0	23.28	21.66	0.147	1	Pass
3MHz_Middle_QPSK_1@8	23.26	21.64	0.146	1	Pass
3MHz_Middle_QPSK_1@14	23.30	21.68	0.147	1	Pass
3MHz_Middle_QPSK_8@0	22.44	20.82	0.121	1	Pass
3MHz_Middle_QPSK_8@4	22.47	20.85	0.122	1	Pass
3MHz_Middle_QPSK_8@7	22.42	20.80	0.120	1	Pass
3MHz_Middle_QPSK_15@0	22.40	20.78	0.120	1	Pass
3MHz_Middle_16QAM_1@0	22.33	20.71	0.118	1	Pass
3MHz_Middle_16QAM_1@8	22.29	20.67	0.117	1	Pass
3MHz_Middle_16QAM_1@14	22.25	20.63	0.116	1	Pass
3MHz_Middle_16QAM_8@0	21.40	19.78	0.095	1	Pass
3MHz_Middle_16QAM_8@4	21.45	19.83	0.096	1	Pass
3MHz_Middle_16QAM_8@7	21.39	19.77	0.095	1	Pass
3MHz_Middle_16QAM_15@0	21.38	19.76	0.095	1	Pass
3MHz_High_QPSK_1@0	23.19	21.57	0.144	1	Pass
3MHz_High_QPSK_1@8	23.22	21.60	0.145	1	Pass
3MHz_High_QPSK_1@14	23.21	21.59	0.144	1	Pass
3MHz_High_QPSK_8@0	22.19	20.57	0.114	1	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
3MHz_High_QPSK_8@4	22.19	20.57	0.114	1	Pass
3MHz_High_QPSK_8@7	22.14	20.52	0.113	1	Pass
3MHz_High_QPSK_15@0	22.16	20.54	0.113	1	Pass
3MHz_High_16QAM_1@0	22.57	20.95	0.124	1	Pass
3MHz_High_16QAM_1@8	22.60	20.98	0.125	1	Pass
3MHz_High_16QAM_1@14	22.59	20.97	0.125	1	Pass
3MHz_High_16QAM_8@0	21.29	19.67	0.093	1	Pass
3MHz_High_16QAM_8@4	21.33	19.71	0.094	1	Pass
3MHz_High_16QAM_8@7	21.25	19.63	0.092	1	Pass
3MHz_High_16QAM_15@0	21.19	19.57	0.091	1	Pass
5MHz_Low_QPSK_1@0	23.50	21.88	0.154	1	Pass
5MHz_Low_QPSK_1@12	23.69	22.07	0.161	1	Pass
5MHz_Low_QPSK_1@24	23.41	21.79	0.151	1	Pass
5MHz_Low_QPSK_12@0	22.63	21.01	0.126	1	Pass
5MHz_Low_QPSK_12@7	22.70	21.08	0.128	1	Pass
5MHz_Low_QPSK_12@13	22.66	21.04	0.127	1	Pass
5MHz_Low_QPSK_25@0	22.66	21.04	0.127	1	Pass
5MHz_Low_16QAM_1@0	22.63	21.01	0.126	1	Pass
5MHz_Low_16QAM_1@12	22.83	21.21	0.132	1	Pass
5MHz_Low_16QAM_1@24	22.54	20.92	0.124	1	Pass
5MHz_Low_16QAM_12@0	21.66	20.04	0.101	1	Pass
5MHz_Low_16QAM_12@7	21.75	20.13	0.103	1	Pass
5MHz_Low_16QAM_12@13	21.71	20.09	0.102	1	Pass
5MHz_Low_16QAM_25@0	21.64	20.02	0.100	1	Pass
5MHz_Middle_QPSK_1@0	23.23	21.61	0.145	1	Pass
5MHz_Middle_QPSK_1@12	23.46	21.84	0.153	1	Pass
5MHz_Middle_QPSK_1@24	23.17	21.55	0.143	1	Pass
5MHz_Middle_QPSK_12@0	22.37	20.75	0.119	1	Pass
5MHz_Middle_QPSK_12@7	22.44	20.82	0.121	1	Pass
5MHz_Middle_QPSK_12@13	22.38	20.76	0.119	1	Pass
5MHz_Middle_QPSK_25@0	22.40	20.78	0.120	1	Pass
5MHz_Middle_16QAM_1@0	22.92	21.30	0.135	1	Pass
5MHz_Middle_16QAM_1@12	23.15	21.53	0.142	1	Pass
5MHz_Middle_16QAM_1@24	22.87	21.25	0.133	1	Pass
5MHz_Middle_16QAM_12@0	21.43	19.81	0.096	1	Pass
5MHz_Middle_16QAM_12@7	21.48	19.86	0.097	1	Pass
5MHz_Middle_16QAM_12@13	21.47	19.85	0.097	1	Pass
5MHz_Middle_16QAM_25@0	21.47	19.85	0.097	1	Pass
5MHz_High_QPSK_1@0	22.94	21.32	0.136	1	Pass
5MHz_High_QPSK_1@12	23.15	21.53	0.142	1	Pass
5MHz_High_QPSK_1@24	22.90	21.28	0.134	1	Pass
5MHz_High_QPSK_12@0	22.16	20.54	0.113	1	Pass
5MHz_High_QPSK_12@7	22.23	20.61	0.115	1	Pass
5MHz_High_QPSK_12@13	22.15	20.53	0.113	1	Pass
5MHz_High_QPSK_25@0	22.20	20.58	0.114	1	Pass
5MHz_High_16QAM_1@0	22.11	20.49	0.112	1	Pass
5MHz_High_16QAM_1@12	22.31	20.69	0.117	1	Pass
5MHz_High_16QAM_1@24	22.10	20.48	0.112	1	Pass
5MHz_High_16QAM_12@0	21.26	19.64	0.092	1	Pass
5MHz_High_16QAM_12@7	21.30	19.68	0.093	1	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_High_16QAM_12@13	21.21	19.59	0.091	1	Pass
5MHz_High_16QAM_25@0	21.16	19.54	0.090	1	Pass
10MHz_Low_QPSK_1@0	23.46	21.84	0.153	1	Pass
10MHz_Low_QPSK_1@25	23.58	21.96	0.157	1	Pass
10MHz_Low_QPSK_1@49	23.33	21.71	0.148	1	Pass
10MHz_Low_QPSK_25@0	22.64	21.02	0.126	1	Pass
10MHz_Low_QPSK_25@12	22.70	21.08	0.128	1	Pass
10MHz_Low_QPSK_25@25	22.68	21.06	0.128	1	Pass
10MHz_Low_QPSK_50@0	22.64	21.02	0.126	1	Pass
10MHz_Low_16QAM_1@0	22.43	20.81	0.121	1	Pass
10MHz_Low_16QAM_1@25	22.53	20.91	0.123	1	Pass
10MHz_Low_16QAM_1@49	22.28	20.66	0.116	1	Pass
10MHz_Low_16QAM_25@0	21.59	19.97	0.099	1	Pass
10MHz_Low_16QAM_25@12	21.71	20.09	0.102	1	Pass
10MHz_Low_16QAM_25@25	21.59	19.97	0.099	1	Pass
10MHz_Low_16QAM_50@0	21.57	19.95	0.099	1	Pass
10MHz_Middle_QPSK_1@0	23.19	21.57	0.144	1	Pass
10MHz_Middle_QPSK_1@25	23.33	21.71	0.148	1	Pass
10MHz_Middle_QPSK_1@49	23.08	21.46	0.140	1	Pass
10MHz_Middle_QPSK_25@0	22.40	20.78	0.120	1	Pass
10MHz_Middle_QPSK_25@12	22.44	20.82	0.121	1	Pass
10MHz_Middle_QPSK_25@25	22.42	20.80	0.120	1	Pass
10MHz_Middle_QPSK_50@0	22.42	20.80	0.120	1	Pass
10MHz_Middle_16QAM_1@0	22.16	20.54	0.113	1	Pass
10MHz_Middle_16QAM_1@25	22.28	20.66	0.116	1	Pass
10MHz_Middle_16QAM_1@49	22	20.38	0.109	1	Pass
10MHz_Middle_16QAM_25@0	21.44	19.82	0.096	1	Pass
10MHz_Middle_16QAM_25@12	21.46	19.84	0.096	1	Pass
10MHz_Middle_16QAM_25@25	21.42	19.80	0.095	1	Pass
10MHz_Middle_16QAM_50@0	21.40	19.78	0.095	1	Pass
10MHz_High_QPSK_1@0	23.06	21.44	0.139	1	Pass
10MHz_High_QPSK_1@25	23.15	21.53	0.142	1	Pass
10MHz_High_QPSK_1@49	22.96	21.34	0.136	1	Pass
10MHz_High_QPSK_25@0	22.29	20.67	0.117	1	Pass
10MHz_High_QPSK_25@12	22.24	20.62	0.115	1	Pass
10MHz_High_QPSK_25@25	22.20	20.58	0.114	1	Pass
10MHz_High_QPSK_50@0	22.23	20.61	0.115	1	Pass
10MHz_High_16QAM_1@0	22.12	20.50	0.112	1	Pass
10MHz_High_16QAM_1@25	22.27	20.65	0.116	1	Pass
10MHz_High_16QAM_1@49	22.05	20.43	0.110	1	Pass
10MHz_High_16QAM_25@0	21.31	19.69	0.093	1	Pass
10MHz_High_16QAM_25@12	21.29	19.67	0.093	1	Pass
10MHz_High_16QAM_25@25	21.23	19.61	0.091	1	Pass
10MHz_High_16QAM_50@0	21.20	19.58	0.091	1	Pass
15MHz_Low_QPSK_1@0	23.58	21.96	0.157	1	Pass
15MHz_Low_QPSK_1@37	23.71	22.09	0.162	1	Pass
15MHz_Low_QPSK_1@74	23.44	21.82	0.152	1	Pass
15MHz_Low_QPSK_36@0	22.66	21.04	0.127	1	Pass
15MHz_Low_QPSK_36@20	22.64	21.02	0.126	1	Pass
15MHz_Low_QPSK_36@39	22.61	20.99	0.126	1	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
15MHz_Low_QPSK_75@0	22.67	21.05	0.127	1	Pass
15MHz_Low_16QAM_1@0	22.60	20.98	0.125	1	Pass
15MHz_Low_16QAM_1@37	22.67	21.05	0.127	1	Pass
15MHz_Low_16QAM_1@74	22.41	20.79	0.120	1	Pass
15MHz_Low_16QAM_36@0	21.67	20.05	0.101	1	Pass
15MHz_Low_16QAM_36@20	21.61	19.99	0.100	1	Pass
15MHz_Low_16QAM_36@39	21.57	19.95	0.099	1	Pass
15MHz_Low_16QAM_75@0	21.57	19.95	0.099	1	Pass
15MHz_Middle_QPSK_1@0	23.32	21.70	0.148	1	Pass
15MHz_Middle_QPSK_1@37	23.48	21.86	0.153	1	Pass
15MHz_Middle_QPSK_1@74	23.12	21.50	0.141	1	Pass
15MHz_Middle_QPSK_36@0	22.49	20.87	0.122	1	Pass
15MHz_Middle_QPSK_36@20	22.51	20.89	0.123	1	Pass
15MHz_Middle_QPSK_36@39	22.45	20.83	0.121	1	Pass
15MHz_Middle_QPSK_75@0	22.51	20.89	0.123	1	Pass
15MHz_Middle_16QAM_1@0	22.42	20.80	0.120	1	Pass
15MHz_Middle_16QAM_1@37	22.56	20.94	0.124	1	Pass
15MHz_Middle_16QAM_1@74	22.23	20.61	0.115	1	Pass
15MHz_Middle_16QAM_36@0	21.42	19.80	0.095	1	Pass
15MHz_Middle_16QAM_36@20	21.44	19.82	0.096	1	Pass
15MHz_Middle_16QAM_36@39	21.40	19.78	0.095	1	Pass
15MHz_Middle_16QAM_75@0	21.46	19.84	0.096	1	Pass
15MHz_High_QPSK_1@0	23.14	21.52	0.142	1	Pass
15MHz_High_QPSK_1@37	23.25	21.63	0.146	1	Pass
15MHz_High_QPSK_1@74	22.99	21.37	0.137	1	Pass
15MHz_High_QPSK_36@0	22.31	20.69	0.117	1	Pass
15MHz_High_QPSK_36@20	22.23	20.61	0.115	1	Pass
15MHz_High_QPSK_36@39	22.20	20.58	0.114	1	Pass
15MHz_High_QPSK_75@0	22.29	20.67	0.117	1	Pass
15MHz_High_16QAM_1@0	22.17	20.55	0.114	1	Pass
15MHz_High_16QAM_1@37	22.33	20.71	0.118	1	Pass
15MHz_High_16QAM_1@74	22.05	20.43	0.110	1	Pass
15MHz_High_16QAM_36@0	21.30	19.68	0.093	1	Pass
15MHz_High_16QAM_36@20	21.28	19.66	0.092	1	Pass
15MHz_High_16QAM_36@39	21.20	19.58	0.091	1	Pass
15MHz_High_16QAM_75@0	21.21	19.59	0.091	1	Pass
20MHz_Low_QPSK_1@0	23.24	21.62	0.145	1	Pass
20MHz_Low_QPSK_1@49	23.52	21.90	0.155	1	Pass
20MHz_Low_QPSK_1@99	23.02	21.40	0.138	1	Pass
20MHz_Low_QPSK_50@0	22.53	20.91	0.123	1	Pass
20MHz_Low_QPSK_50@24	22.64	21.02	0.126	1	Pass
20MHz_Low_QPSK_50@50	22.59	20.97	0.125	1	Pass
20MHz_Low_QPSK_100@0	22.54	20.92	0.124	1	Pass
20MHz_Low_16QAM_1@0	23.09	21.47	0.140	1	Pass
20MHz_Low_16QAM_1@49	22.91	21.29	0.135	1	Pass
20MHz_Low_16QAM_1@99	22.49	20.87	0.122	1	Pass
20MHz_Low_16QAM_50@0	21.47	19.85	0.097	1	Pass
20MHz_Low_16QAM_50@24	21.62	20.00	0.100	1	Pass
20MHz_Low_16QAM_50@50	21.57	19.95	0.099	1	Pass
20MHz_Low_16QAM_100@0	21.53	19.91	0.098	1	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
20MHz_Middle_QPSK_1@0	23.19	21.57	0.144	1	Pass
20MHz_Middle_QPSK_1@49	23.36	21.74	0.149	1	Pass
20MHz_Middle_QPSK_1@99	22.96	21.34	0.136	1	Pass
20MHz_Middle_QPSK_50@0	22.42	20.80	0.120	1	Pass
20MHz_Middle_QPSK_50@24	22.47	20.85	0.122	1	Pass
20MHz_Middle_QPSK_50@50	22.41	20.79	0.120	1	Pass
20MHz_Middle_QPSK_100@0	22.44	20.82	0.121	1	Pass
20MHz_Middle_16QAM_1@0	22.92	21.30	0.135	1	Pass
20MHz_Middle_16QAM_1@49	23.09	21.47	0.140	1	Pass
20MHz_Middle_16QAM_1@99	22.64	21.02	0.126	1	Pass
20MHz_Middle_16QAM_50@0	21.42	19.80	0.095	1	Pass
20MHz_Middle_16QAM_50@24	21.43	19.81	0.096	1	Pass
20MHz_Middle_16QAM_50@50	21.35	19.73	0.094	1	Pass
20MHz_Middle_16QAM_100@0	21.32	19.70	0.093	1	Pass
20MHz_High_QPSK_1@0	22.88	21.26	0.134	1	Pass
20MHz_High_QPSK_1@49	23.09	21.47	0.140	1	Pass
20MHz_High_QPSK_1@99	22.77	21.15	0.130	1	Pass
20MHz_High_QPSK_50@0	22.34	20.72	0.118	1	Pass
20MHz_High_QPSK_50@24	22.29	20.67	0.117	1	Pass
20MHz_High_QPSK_50@50	22.18	20.56	0.114	1	Pass
20MHz_High_QPSK_100@0	22.20	20.58	0.114	1	Pass
20MHz_High_16QAM_1@0	22.25	20.63	0.116	1	Pass
20MHz_High_16QAM_1@49	22.51	20.89	0.123	1	Pass
20MHz_High_16QAM_1@99	22.18	20.56	0.114	1	Pass
20MHz_High_16QAM_50@0	21.26	19.64	0.092	1	Pass
20MHz_High_16QAM_50@24	21.19	19.57	0.091	1	Pass
20MHz_High_16QAM_50@50	21.07	19.45	0.088	1	Pass
20MHz_High_16QAM_100@0	21.17	19.55	0.090	1	Pass

Note:

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

1. Antenna Gain = -1.42dBi;

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	23.77	18.34	0.068	3	Pass
5MHz_Low_QPSK_1@12	23.98	18.55	0.072	3	Pass
5MHz_Low_QPSK_1@24	23.71	18.28	0.067	3	Pass
5MHz_Low_QPSK_12@0	22.93	17.50	0.056	3	Pass
5MHz_Low_QPSK_12@7	22.98	17.55	0.057	3	Pass
5MHz_Low_QPSK_12@13	22.96	17.53	0.057	3	Pass
5MHz_Low_QPSK_25@0	22.95	17.52	0.056	3	Pass
5MHz_Low_16QAM_1@0	22.78	17.35	0.054	3	Pass
5MHz_Low_16QAM_1@12	23.04	17.61	0.058	3	Pass
5MHz_Low_16QAM_1@24	22.82	17.39	0.055	3	Pass
5MHz_Low_16QAM_12@0	21.91	16.48	0.044	3	Pass
5MHz_Low_16QAM_12@7	22.03	16.60	0.046	3	Pass
5MHz_Low_16QAM_12@13	22.02	16.59	0.046	3	Pass
5MHz_Low_16QAM_25@0	21.88	16.45	0.044	3	Pass
5MHz_Middle_QPSK_1@0	23.79	18.36	0.069	3	Pass
5MHz_Middle_QPSK_1@12	23.96	18.53	0.071	3	Pass
5MHz_Middle_QPSK_1@24	23.71	18.28	0.067	3	Pass
5MHz_Middle_QPSK_12@0	22.87	17.44	0.055	3	Pass
5MHz_Middle_QPSK_12@7	22.90	17.47	0.056	3	Pass
5MHz_Middle_QPSK_12@13	22.88	17.45	0.056	3	Pass
5MHz_Middle_QPSK_25@0	22.89	17.46	0.056	3	Pass
5MHz_Middle_16QAM_1@0	22.84	17.41	0.055	3	Pass
5MHz_Middle_16QAM_1@12	22.98	17.55	0.057	3	Pass
5MHz_Middle_16QAM_1@24	22.79	17.36	0.054	3	Pass
5MHz_Middle_16QAM_12@0	21.85	16.42	0.044	3	Pass
5MHz_Middle_16QAM_12@7	21.92	16.49	0.045	3	Pass
5MHz_Middle_16QAM_12@13	21.87	16.44	0.044	3	Pass
5MHz_Middle_16QAM_25@0	21.82	16.39	0.044	3	Pass
5MHz_High_QPSK_1@0	23.77	18.34	0.068	3	Pass
5MHz_High_QPSK_1@12	23.98	18.55	0.072	3	Pass
5MHz_High_QPSK_1@24	23.77	18.34	0.068	3	Pass
5MHz_High_QPSK_12@0	22.93	17.50	0.056	3	Pass
5MHz_High_QPSK_12@7	23.02	17.59	0.057	3	Pass
5MHz_High_QPSK_12@13	22.88	17.45	0.056	3	Pass
5MHz_High_QPSK_25@0	22.92	17.49	0.056	3	Pass
5MHz_High_16QAM_1@0	23.40	17.97	0.063	3	Pass
5MHz_High_16QAM_1@12	23.62	18.19	0.066	3	Pass
5MHz_High_16QAM_1@24	23.42	17.99	0.063	3	Pass
5MHz_High_16QAM_12@0	21.97	16.54	0.045	3	Pass
5MHz_High_16QAM_12@7	22.04	16.61	0.046	3	Pass
5MHz_High_16QAM_12@13	21.94	16.51	0.045	3	Pass
5MHz_High_16QAM_25@0	21.95	16.52	0.045	3	Pass
10MHz_Low_QPSK_1@0	23.85	18.42	0.070	3	Pass
10MHz_Low_QPSK_1@25	23.98	18.55	0.072	3	Pass
10MHz_Low_QPSK_1@49	23.77	18.34	0.068	3	Pass
10MHz_Low_QPSK_25@0	22.91	17.48	0.056	3	Pass
10MHz_Low_QPSK_25@12	23	17.57	0.057	3	Pass
10MHz_Low_QPSK_25@25	23.02	17.59	0.057	3	Pass

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
10MHz_Low_QPSK_50@0	22.95	17.52	0.056	3	Pass
10MHz_Low_16QAM_1@0	22.68	17.25	0.053	3	Pass
10MHz_Low_16QAM_1@25	22.88	17.45	0.056	3	Pass
10MHz_Low_16QAM_1@49	22.71	17.28	0.053	3	Pass
10MHz_Low_16QAM_25@0	21.99	16.56	0.045	3	Pass
10MHz_Low_16QAM_25@12	22.04	16.61	0.046	3	Pass
10MHz_Low_16QAM_25@25	22.02	16.59	0.046	3	Pass
10MHz_Low_16QAM_50@0	21.94	16.51	0.045	3	Pass
10MHz_Middle_QPSK_1@0	23.85	18.42	0.070	3	Pass
10MHz_Middle_QPSK_1@25	24.01	18.58	0.072	3	Pass
10MHz_Middle_QPSK_1@49	23.90	18.47	0.070	3	Pass
10MHz_Middle_QPSK_25@0	22.94	17.51	0.056	3	Pass
10MHz_Middle_QPSK_25@12	23	17.57	0.057	3	Pass
10MHz_Middle_QPSK_25@25	22.97	17.54	0.057	3	Pass
10MHz_Middle_QPSK_50@0	22.95	17.52	0.056	3	Pass
10MHz_Middle_16QAM_1@0	22.90	17.47	0.056	3	Pass
10MHz_Middle_16QAM_1@25	22.90	17.47	0.056	3	Pass
10MHz_Middle_16QAM_1@49	22.73	17.30	0.054	3	Pass
10MHz_Middle_16QAM_25@0	21.97	16.54	0.045	3	Pass
10MHz_Middle_16QAM_25@12	21.93	16.50	0.045	3	Pass
10MHz_Middle_16QAM_25@25	21.92	16.49	0.045	3	Pass
10MHz_Middle_16QAM_50@0	21.84	16.41	0.044	3	Pass
10MHz_High_QPSK_1@0	24.04	18.61	0.073	3	Pass
10MHz_High_QPSK_1@25	24.22	18.79	0.076	3	Pass
10MHz_High_QPSK_1@49	24.08	18.65	0.073	3	Pass
10MHz_High_QPSK_25@0	23.01	17.58	0.057	3	Pass
10MHz_High_QPSK_25@12	22.98	17.55	0.057	3	Pass
10MHz_High_QPSK_25@25	22.97	17.54	0.057	3	Pass
10MHz_High_QPSK_50@0	23	17.57	0.057	3	Pass
10MHz_High_16QAM_1@0	23.21	17.78	0.060	3	Pass
10MHz_High_16QAM_1@25	23.42	17.99	0.063	3	Pass
10MHz_High_16QAM_1@49	23.22	17.79	0.060	3	Pass
10MHz_High_16QAM_25@0	21.97	16.54	0.045	3	Pass
10MHz_High_16QAM_25@12	21.95	16.52	0.045	3	Pass
10MHz_High_16QAM_25@25	21.95	16.52	0.045	3	Pass
10MHz_High_16QAM_50@0	21.93	16.50	0.045	3	Pass
15MHz_Low_QPSK_1@0	23.89	18.46	0.070	3	Pass
15MHz_Low_QPSK_1@37	24.12	18.69	0.074	3	Pass
15MHz_Low_QPSK_1@74	23.87	18.44	0.070	3	Pass
15MHz_Low_QPSK_36@0	22.90	17.47	0.056	3	Pass
15MHz_Low_QPSK_36@20	23.04	17.61	0.058	3	Pass
15MHz_Low_QPSK_36@39	22.98	17.55	0.057	3	Pass
15MHz_Low_QPSK_75@0	22.94	17.51	0.056	3	Pass
15MHz_Low_16QAM_1@0	22.90	17.47	0.056	3	Pass
15MHz_Low_16QAM_1@37	23.13	17.70	0.059	3	Pass
15MHz_Low_16QAM_1@74	22.86	17.43	0.055	3	Pass
15MHz_Low_16QAM_36@0	21.80	16.37	0.043	3	Pass
15MHz_Low_16QAM_36@20	21.97	16.54	0.045	3	Pass
15MHz_Low_16QAM_36@39	21.90	16.47	0.044	3	Pass
15MHz_Low_16QAM_75@0	21.84	16.41	0.044	3	Pass

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
15MHz_Middle_QPSK_1@0	23.71	18.28	0.067	3	Pass
15MHz_Middle_QPSK_1@37	23.97	18.54	0.071	3	Pass
15MHz_Middle_QPSK_1@74	23.79	18.36	0.069	3	Pass
15MHz_Middle_QPSK_36@0	23.04	17.61	0.058	3	Pass
15MHz_Middle_QPSK_36@20	23.05	17.62	0.058	3	Pass
15MHz_Middle_QPSK_36@39	23.11	17.68	0.059	3	Pass
15MHz_Middle_QPSK_75@0	23.08	17.65	0.058	3	Pass
15MHz_Middle_16QAM_1@0	22.78	17.35	0.054	3	Pass
15MHz_Middle_16QAM_1@37	22.94	17.51	0.056	3	Pass
15MHz_Middle_16QAM_1@74	23.12	17.69	0.059	3	Pass
15MHz_Middle_16QAM_36@0	22.05	16.62	0.046	3	Pass
15MHz_Middle_16QAM_36@20	22.02	16.59	0.046	3	Pass
15MHz_Middle_16QAM_36@39	21.99	16.56	0.045	3	Pass
15MHz_Middle_16QAM_75@0	21.99	16.56	0.045	3	Pass
15MHz_High_QPSK_1@0	23.81	18.38	0.069	3	Pass
15MHz_High_QPSK_1@37	24.09	18.66	0.073	3	Pass
15MHz_High_QPSK_1@74	24	18.57	0.072	3	Pass
15MHz_High_QPSK_36@0	23.13	17.70	0.059	3	Pass
15MHz_High_QPSK_36@20	23.10	17.67	0.058	3	Pass
15MHz_High_QPSK_36@39	23.09	17.66	0.058	3	Pass
15MHz_High_QPSK_75@0	23.14	17.71	0.059	3	Pass
15MHz_High_16QAM_1@0	22.66	17.23	0.053	3	Pass
15MHz_High_16QAM_1@37	23.10	17.67	0.058	3	Pass
15MHz_High_16QAM_1@74	22.86	17.43	0.055	3	Pass
15MHz_High_16QAM_36@0	21.98	16.55	0.045	3	Pass
15MHz_High_16QAM_36@20	22.01	16.58	0.045	3	Pass
15MHz_High_16QAM_36@39	21.97	16.54	0.045	3	Pass
15MHz_High_16QAM_75@0	21.97	16.54	0.045	3	Pass
20MHz_Low_QPSK_1@0	23.62	18.19	0.066	3	Pass
20MHz_Low_QPSK_1@49	23.94	18.51	0.071	3	Pass
20MHz_Low_QPSK_1@99	23.53	18.10	0.065	3	Pass
20MHz_Low_QPSK_50@0	22.79	17.36	0.054	3	Pass
20MHz_Low_QPSK_50@24	22.97	17.54	0.057	3	Pass
20MHz_Low_QPSK_50@50	22.99	17.56	0.057	3	Pass
20MHz_Low_QPSK_100@0	22.93	17.50	0.056	3	Pass
20MHz_Low_16QAM_1@0	23.29	17.86	0.061	3	Pass
20MHz_Low_16QAM_1@49	23.65	18.22	0.066	3	Pass
20MHz_Low_16QAM_1@99	23.19	17.76	0.060	3	Pass
20MHz_Low_16QAM_50@0	21.76	16.33	0.043	3	Pass
20MHz_Low_16QAM_50@24	21.93	16.50	0.045	3	Pass
20MHz_Low_16QAM_50@50	21.95	16.52	0.045	3	Pass
20MHz_Low_16QAM_100@0	21.87	16.44	0.044	3	Pass
20MHz_Middle_QPSK_1@0	23.52	18.09	0.064	3	Pass
20MHz_Middle_QPSK_1@49	23.97	18.54	0.071	3	Pass
20MHz_Middle_QPSK_1@99	23.55	18.12	0.065	3	Pass
20MHz_Middle_QPSK_50@0	23.03	17.60	0.058	3	Pass
20MHz_Middle_QPSK_50@24	23.01	17.58	0.057	3	Pass
20MHz_Middle_QPSK_50@50	22.92	17.49	0.056	3	Pass
20MHz_Middle_QPSK_100@0	22.98	17.55	0.057	3	Pass
20MHz_Middle_16QAM_1@0	22.92	17.49	0.056	3	Pass

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
20MHz_Middle_16QAM_1@49	23.18	17.75	0.060	3	Pass
20MHz_Middle_16QAM_1@99	22.84	17.41	0.055	3	Pass
20MHz_Middle_16QAM_50@0	21.86	16.43	0.044	3	Pass
20MHz_Middle_16QAM_50@24	21.86	16.43	0.044	3	Pass
20MHz_Middle_16QAM_50@50	21.79	16.36	0.043	3	Pass
20MHz_Middle_16QAM_100@0	21.88	16.45	0.044	3	Pass
20MHz_High_QPSK_1@0	23.59	18.16	0.065	3	Pass
20MHz_High_QPSK_1@49	23.95	18.52	0.071	3	Pass
20MHz_High_QPSK_1@99	23.61	18.18	0.066	3	Pass
20MHz_High_QPSK_50@0	22.81	17.38	0.055	3	Pass
20MHz_High_QPSK_50@24	22.97	17.54	0.057	3	Pass
20MHz_High_QPSK_50@50	22.92	17.49	0.056	3	Pass
20MHz_High_QPSK_100@0	22.89	17.46	0.056	3	Pass
20MHz_High_16QAM_1@0	23.25	17.82	0.061	3	Pass
20MHz_High_16QAM_1@49	23.49	18.06	0.064	3	Pass
20MHz_High_16QAM_1@99	23.25	17.82	0.061	3	Pass
20MHz_High_16QAM_50@0	21.73	16.30	0.043	3	Pass
20MHz_High_16QAM_50@24	21.91	16.48	0.044	3	Pass
20MHz_High_16QAM_50@50	21.84	16.41	0.044	3	Pass
20MHz_High_16QAM_100@0	21.82	16.39	0.044	3	Pass

Note:

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

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

1. Antenna Gain = -3.18dBi;

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	5.07	13
1.4MHz_Middle_QPSK_6@0	5.30	13
1.4MHz_Middle_16QAM_1@0	6	13
1.4MHz_Middle_16QAM_6@0	6.43	13
3MHz_Middle_QPSK_1@0	5.01	13
3MHz_Middle_QPSK_15@0	5.42	13
3MHz_Middle_16QAM_1@0	5.71	13
3MHz_Middle_16QAM_15@0	6.38	13
5MHz_Middle_QPSK_1@0	4.99	13
5MHz_Middle_QPSK_25@0	5.48	13
5MHz_Middle_16QAM_1@0	5.74	13
5MHz_Middle_16QAM_25@0	6.35	13
10MHz_Middle_QPSK_1@0	4.93	13
10MHz_Middle_QPSK_50@0	5.48	13
10MHz_Middle_16QAM_1@0	5.77	13
10MHz_Middle_16QAM_50@0	6.38	13

Note:worst case.