

Appendix-A LTE Band 48

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Verdict
Band48	5MHz	QPSK	55265	1RB#0	18.71	21.1	PASS
Band48	5MHz	QPSK	55265	1RB#12	18.71	21.1	PASS
Band48	5MHz	QPSK	55265	1RB#24	18.57	20.96	PASS
Band48	5MHz	QPSK	55265	25RB#0	17.8	20.19	PASS
Band48	5MHz	QPSK	55990	1RB#0	18.54	20.93	PASS
Band48	5MHz	QPSK	55990	1RB#12	18.8	21.19	PASS
Band48	5MHz	QPSK	55990	1RB#24	18.66	21.05	PASS
Band48	5MHz	QPSK	55990	25RB#0	17.71	20.1	PASS
Band48	5MHz	QPSK	56715	1RB#0	18.39	20.78	PASS
Band48	5MHz	QPSK	56715	1RB#12	18.65	21.04	PASS
Band48	5MHz	QPSK	56715	1RB#24	18.41	20.8	PASS
Band48	5MHz	QPSK	56715	25RB#0	17.64	20.03	PASS
Band48	5MHz	16QAM	55265	1RB#0	17.73	20.12	PASS
Band48	5MHz	16QAM	55265	1RB#12	17.67	20.06	PASS
Band48	5MHz	16QAM	55265	1RB#24	17.34	19.73	PASS
Band48	5MHz	16QAM	55265	25RB#0	16.68	19.07	PASS
Band48	5MHz	16QAM	55990	1RB#0	17.74	20.13	PASS
Band48	5MHz	16QAM	55990	1RB#12	17.72	20.11	PASS
Band48	5MHz	16QAM	55990	1RB#24	17.39	19.78	PASS
Band48	5MHz	16QAM	55990	25RB#0	16.7	19.09	PASS
Band48	5MHz	16QAM	56715	1RB#0	17.13	19.52	PASS
Band48	5MHz	16QAM	56715	1RB#12	17.59	19.98	PASS
Band48	5MHz	16QAM	56715	1RB#24	17.43	19.82	PASS
Band48	5MHz	16QAM	56715	25RB#0	16.56	18.95	PASS
Band48	5MHz	64QAM	55265	1RB#0	16.66	19.05	PASS
Band48	5MHz	64QAM	55265	1RB#12	16.75	19.14	PASS
Band48	5MHz	64QAM	55265	1RB#24	16.67	19.06	PASS
Band48	5MHz	64QAM	55265	25RB#0	15.8	18.19	PASS
Band48	5MHz	64QAM	55990	1RB#0	16.7	19.09	PASS
Band48	5MHz	64QAM	55990	1RB#12	16.73	19.12	PASS
Band48	5MHz	64QAM	55990	1RB#24	16.71	19.1	PASS
Band48	5MHz	64QAM	55990	25RB#0	15.89	18.28	PASS
Band48	5MHz	64QAM	56715	1RB#0	16.35	18.74	PASS
Band48	5MHz	64QAM	56715	1RB#12	16.51	18.9	PASS
Band48	5MHz	64QAM	56715	1RB#24	16.21	18.6	PASS
Band48	5MHz	64QAM	56715	25RB#0	15.58	17.97	PASS

Band48	5MHz	256QAM	55265	1RB#0	13.43	15.82	PASS
Band48	5MHz	256QAM	55265	1RB#12	13.71	16.1	PASS
Band48	5MHz	256QAM	55265	1RB#24	13.57	15.96	PASS
Band48	5MHz	256QAM	55265	25RB#0	13.84	16.23	PASS
Band48	5MHz	256QAM	55990	1RB#0	13.62	16.01	PASS
Band48	5MHz	256QAM	55990	1RB#12	13.69	16.08	PASS
Band48	5MHz	256QAM	55990	1RB#24	13.73	16.12	PASS
Band48	5MHz	256QAM	55990	25RB#0	13.8	16.19	PASS
Band48	5MHz	256QAM	56715	1RB#0	13.71	16.1	PASS
Band48	5MHz	256QAM	56715	1RB#12	13.52	15.91	PASS
Band48	5MHz	256QAM	56715	1RB#24	13.27	15.66	PASS
Band48	5MHz	256QAM	56715	25RB#0	13.64	16.03	PASS
Band48	10MHz	QPSK	55290	1RB#0	18.66	21.05	PASS
Band48	10MHz	QPSK	55290	1RB#24	18.77	21.16	PASS
Band48	10MHz	QPSK	55290	1RB#49	18.69	21.08	PASS
Band48	10MHz	QPSK	55290	50RB#0	17.71	20.1	PASS
Band48	10MHz	QPSK	55990	1RB#0	18.54	20.93	PASS
Band48	10MHz	QPSK	55990	1RB#24	18.8	21.19	PASS
Band48	10MHz	QPSK	55990	1RB#49	18.58	20.97	PASS
Band48	10MHz	QPSK	55990	50RB#0	17.68	20.07	PASS
Band48	10MHz	QPSK	56690	1RB#0	18.44	20.83	PASS
Band48	10MHz	QPSK	56690	1RB#24	18.67	21.06	PASS
Band48	10MHz	QPSK	56690	1RB#49	18.65	21.04	PASS
Band48	10MHz	QPSK	56690	50RB#0	17.66	20.05	PASS
Band48	10MHz	16QAM	55290	1RB#0	17.6	19.99	PASS
Band48	10MHz	16QAM	55290	1RB#24	17.81	20.2	PASS
Band48	10MHz	16QAM	55290	1RB#49	17.71	20.1	PASS
Band48	10MHz	16QAM	55290	50RB#0	16.76	19.15	PASS
Band48	10MHz	16QAM	55990	1RB#0	17.7	20.09	PASS
Band48	10MHz	16QAM	55990	1RB#24	17.61	20	PASS
Band48	10MHz	16QAM	55990	1RB#49	17.64	20.03	PASS
Band48	10MHz	16QAM	55990	50RB#0	16.53	18.92	PASS
Band48	10MHz	16QAM	56690	1RB#0	17.4	19.79	PASS
Band48	10MHz	16QAM	56690	1RB#24	17.52	19.91	PASS
Band48	10MHz	16QAM	56690	1RB#49	17.51	19.9	PASS
Band48	10MHz	16QAM	56690	50RB#0	16.62	19.01	PASS
Band48	10MHz	64QAM	55290	1RB#0	16.62	19.01	PASS
Band48	10MHz	64QAM	55290	1RB#24	16.68	19.07	PASS
Band48	10MHz	64QAM	55290	1RB#49	16.66	19.05	PASS
Band48	10MHz	64QAM	55290	50RB#0	15.87	18.26	PASS
Band48	10MHz	64QAM	55990	1RB#0	16.63	19.02	PASS
Band48	10MHz	64QAM	55990	1RB#24	16.79	19.18	PASS
Band48	10MHz	64QAM	55990	1RB#49	16.9	19.29	PASS

Band48	10MHz	64QAM	55990	50RB#0	15.82	18.21	PASS
Band48	10MHz	64QAM	56690	1RB#0	16.64	19.03	PASS
Band48	10MHz	64QAM	56690	1RB#24	16.51	18.9	PASS
Band48	10MHz	64QAM	56690	1RB#49	16.61	19	PASS
Band48	10MHz	64QAM	56690	50RB#0	15.66	18.05	PASS
Band48	10MHz	256QAM	55290	1RB#0	14.08	16.47	PASS
Band48	10MHz	256QAM	55290	1RB#24	13.75	16.14	PASS
Band48	10MHz	256QAM	55290	1RB#49	13.73	16.12	PASS
Band48	10MHz	256QAM	55290	50RB#0	13.82	16.21	PASS
Band48	10MHz	256QAM	55990	1RB#0	13.8	16.19	PASS
Band48	10MHz	256QAM	55990	1RB#24	14.12	16.51	PASS
Band48	10MHz	256QAM	55990	1RB#49	13.77	16.16	PASS
Band48	10MHz	256QAM	55990	50RB#0	13.85	16.24	PASS
Band48	10MHz	256QAM	56690	1RB#0	13.73	16.12	PASS
Band48	10MHz	256QAM	56690	1RB#24	13.45	15.84	PASS
Band48	10MHz	256QAM	56690	1RB#49	13.55	15.94	PASS
Band48	10MHz	256QAM	56690	50RB#0	13.56	15.95	PASS
Band48	15MHz	QPSK	55315	1RB#0	18.65	21.04	PASS
Band48	15MHz	QPSK	55315	1RB#38	18.69	21.08	PASS
Band48	15MHz	QPSK	55315	1RB#74	18.72	21.11	PASS
Band48	15MHz	QPSK	55315	75RB#0	17.72	20.11	PASS
Band48	15MHz	QPSK	55990	1RB#0	18.57	20.96	PASS
Band48	15MHz	QPSK	55990	1RB#38	18.7	21.09	PASS
Band48	15MHz	QPSK	55990	1RB#74	18.71	21.1	PASS
Band48	15MHz	QPSK	55990	75RB#0	17.68	20.07	PASS
Band48	15MHz	QPSK	56665	1RB#0	18.44	20.83	PASS
Band48	15MHz	QPSK	56665	1RB#38	18.6	20.99	PASS
Band48	15MHz	QPSK	56665	1RB#74	18.62	21.01	PASS
Band48	15MHz	QPSK	56665	75RB#0	17.52	19.91	PASS
Band48	15MHz	16QAM	55315	1RB#0	17.27	19.66	PASS
Band48	15MHz	16QAM	55315	1RB#38	17.84	20.23	PASS
Band48	15MHz	16QAM	55315	1RB#74	17.49	19.88	PASS
Band48	15MHz	16QAM	55315	75RB#0	16.62	19.01	PASS
Band48	15MHz	16QAM	55990	1RB#0	17.54	19.93	PASS
Band48	15MHz	16QAM	55990	1RB#38	17.6	19.99	PASS
Band48	15MHz	16QAM	55990	1RB#74	17.51	19.9	PASS
Band48	15MHz	16QAM	55990	75RB#0	16.46	18.85	PASS
Band48	15MHz	16QAM	56665	1RB#0	17.29	19.68	PASS
Band48	15MHz	16QAM	56665	1RB#38	17.62	20.01	PASS
Band48	15MHz	16QAM	56665	1RB#74	17.39	19.78	PASS
Band48	15MHz	16QAM	56665	75RB#0	16.47	18.86	PASS
Band48	15MHz	64QAM	55315	1RB#0	16.62	19.01	PASS
Band48	15MHz	64QAM	55315	1RB#38	16.63	19.02	PASS

Band48	15MHz	64QAM	55315	1RB#74	16.79	19.18	PASS
Band48	15MHz	64QAM	55315	75RB#0	15.88	18.27	PASS
Band48	15MHz	64QAM	55990	1RB#0	16.97	19.36	PASS
Band48	15MHz	64QAM	55990	1RB#38	16.73	19.12	PASS
Band48	15MHz	64QAM	55990	1RB#74	16.87	19.26	PASS
Band48	15MHz	64QAM	55990	75RB#0	15.64	18.03	PASS
Band48	15MHz	64QAM	56665	1RB#0	16.65	19.04	PASS
Band48	15MHz	64QAM	56665	1RB#38	16.41	18.8	PASS
Band48	15MHz	64QAM	56665	1RB#74	16.16	18.55	PASS
Band48	15MHz	64QAM	56665	75RB#0	15.54	17.93	PASS
Band48	15MHz	256QAM	55315	1RB#0	13.53	15.92	PASS
Band48	15MHz	256QAM	55315	1RB#38	13.93	16.32	PASS
Band48	15MHz	256QAM	55315	1RB#74	13.58	15.97	PASS
Band48	15MHz	256QAM	55315	75RB#0	13.77	16.16	PASS
Band48	15MHz	256QAM	55990	1RB#0	13.7	16.09	PASS
Band48	15MHz	256QAM	55990	1RB#38	13.76	16.15	PASS
Band48	15MHz	256QAM	55990	1RB#74	13.59	15.98	PASS
Band48	15MHz	256QAM	55990	75RB#0	13.67	16.06	PASS
Band48	15MHz	256QAM	56665	1RB#0	13.46	15.85	PASS
Band48	15MHz	256QAM	56665	1RB#38	13.67	16.06	PASS
Band48	15MHz	256QAM	56665	1RB#74	13.38	15.77	PASS
Band48	15MHz	256QAM	56665	75RB#0	13.58	15.97	PASS
Band48	20MHz	QPSK	55340	1RB#0	18.61	21	PASS
Band48	20MHz	QPSK	55340	1RB#49	18.72	21.11	PASS
Band48	20MHz	QPSK	55340	1RB#99	18.79	21.18	PASS
Band48	20MHz	QPSK	55340	100RB#0	17.7	20.09	PASS
Band48	20MHz	QPSK	55990	1RB#0	18.5	20.89	PASS
Band48	20MHz	QPSK	55990	1RB#49	18.73	21.12	PASS
Band48	20MHz	QPSK	55990	1RB#99	18.7	21.09	PASS
Band48	20MHz	QPSK	55990	100RB#0	17.65	20.04	PASS
Band48	20MHz	QPSK	56640	1RB#0	18.33	20.72	PASS
Band48	20MHz	QPSK	56640	1RB#49	18.65	21.04	PASS
Band48	20MHz	QPSK	56640	1RB#99	18.63	21.02	PASS
Band48	20MHz	QPSK	56640	100RB#0	17.61	20	PASS
Band48	20MHz	16QAM	55340	1RB#0	17.62	20.01	PASS
Band48	20MHz	16QAM	55340	1RB#49	17.75	20.14	PASS
Band48	20MHz	16QAM	55340	1RB#99	17.47	19.86	PASS
Band48	20MHz	16QAM	55340	100RB#0	16.71	19.1	PASS
Band48	20MHz	16QAM	55990	1RB#0	17.34	19.73	PASS
Band48	20MHz	16QAM	55990	1RB#49	17.76	20.15	PASS
Band48	20MHz	16QAM	55990	1RB#99	17.65	20.04	PASS
Band48	20MHz	16QAM	55990	100RB#0	16.64	19.03	PASS
Band48	20MHz	16QAM	56640	1RB#0	17.12	19.51	PASS

Band48	20MHz	16QAM	56640	1RB#49	17.53	19.92	PASS
Band48	20MHz	16QAM	56640	1RB#99	17.46	19.85	PASS
Band48	20MHz	16QAM	56640	100RB#0	16.52	18.91	PASS
Band48	20MHz	64QAM	55340	1RB#0	16.6	18.99	PASS
Band48	20MHz	64QAM	55340	1RB#49	16.52	18.91	PASS
Band48	20MHz	64QAM	55340	1RB#99	16.36	18.75	PASS
Band48	20MHz	64QAM	55340	100RB#0	15.86	18.25	PASS
Band48	20MHz	64QAM	55990	1RB#0	16.75	19.14	PASS
Band48	20MHz	64QAM	55990	1RB#49	16.66	19.05	PASS
Band48	20MHz	64QAM	55990	1RB#99	16.84	19.23	PASS
Band48	20MHz	64QAM	55990	100RB#0	15.58	17.97	PASS
Band48	20MHz	64QAM	56640	1RB#0	16.34	18.73	PASS
Band48	20MHz	64QAM	56640	1RB#49	16.6	18.99	PASS
Band48	20MHz	64QAM	56640	1RB#99	16.46	18.85	PASS
Band48	20MHz	64QAM	56640	100RB#0	15.51	17.9	PASS
Band48	20MHz	256QAM	55340	1RB#0	13.77	16.16	PASS
Band48	20MHz	256QAM	55340	1RB#49	13.77	16.16	PASS
Band48	20MHz	256QAM	55340	1RB#99	13.65	16.04	PASS
Band48	20MHz	256QAM	55340	100RB#0	13.87	16.26	PASS
Band48	20MHz	256QAM	55990	1RB#0	13.74	16.13	PASS
Band48	20MHz	256QAM	55990	1RB#49	14.07	16.46	PASS
Band48	20MHz	256QAM	55990	1RB#99	13.79	16.18	PASS
Band48	20MHz	256QAM	55990	100RB#0	13.68	16.07	PASS
Band48	20MHz	256QAM	56640	1RB#0	13.58	15.97	PASS
Band48	20MHz	256QAM	56640	1RB#49	13.52	15.91	PASS
Band48	20MHz	256QAM	56640	1RB#99	13.16	15.55	PASS
Band48	20MHz	256QAM	56640	100RB#0	13.57	15.96	PASS

Maximum EIRP and Maximum PSD

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm/10MHz)	EIRP (dBm/10MHz)	Limit (dBm/10MHz)	Verdict
Band48	5MHz	QPSK	55265	1RB#0	19.35	21.74	23	PASS
Band48	5MHz	QPSK	55265	1RB#12	19.51	21.9	23	PASS
Band48	5MHz	QPSK	55265	1RB#24	19.3	21.69	23	PASS
Band48	5MHz	QPSK	55265	25RB#0	18.04	20.43	23	PASS
Band48	5MHz	QPSK	55990	1RB#0	19.76	22.15	23	PASS
Band48	5MHz	QPSK	55990	1RB#12	19.73	22.12	23	PASS
Band48	5MHz	QPSK	55990	1RB#24	19.66	22.05	23	PASS
Band48	5MHz	QPSK	55990	25RB#0	18.57	20.96	23	PASS
Band48	5MHz	QPSK	56715	1RB#0	19.18	21.57	23	PASS
Band48	5MHz	QPSK	56715	1RB#12	19.22	21.61	23	PASS
Band48	5MHz	QPSK	56715	1RB#24	19.17	21.56	23	PASS
Band48	5MHz	QPSK	56715	25RB#0	17.96	20.35	23	PASS
Band48	10MHz	QPSK	55290	1RB#0	19.47	21.86	23	PASS
Band48	10MHz	QPSK	55290	1RB#24	19.5	21.89	23	PASS
Band48	10MHz	QPSK	55290	1RB#49	19.4	21.79	23	PASS
Band48	10MHz	QPSK	55290	50RB#0	17.46	19.85	23	PASS
Band48	10MHz	QPSK	55990	1RB#0	19.67	22.06	23	PASS
Band48	10MHz	QPSK	55990	1RB#24	19.83	22.22	23	PASS
Band48	10MHz	QPSK	55990	1RB#49	19.73	22.12	23	PASS
Band48	10MHz	QPSK	55990	50RB#0	17.85	20.24	23	PASS
Band48	10MHz	QPSK	56690	1RB#0	19.18	21.57	23	PASS
Band48	10MHz	QPSK	56690	1RB#24	19.36	21.75	23	PASS
Band48	10MHz	QPSK	56690	1RB#49	19.21	21.6	23	PASS
Band48	10MHz	QPSK	56690	50RB#0	17.42	19.81	23	PASS
Band48	15MHz	QPSK	55315	1RB#0	19.43	21.82	23	PASS
Band48	15MHz	QPSK	55315	1RB#38	19.51	21.9	23	PASS
Band48	15MHz	QPSK	55315	1RB#74	19.35	21.74	23	PASS
Band48	15MHz	QPSK	55315	75RB#0	16.08	18.47	23	PASS
Band48	15MHz	QPSK	55990	1RB#0	19.71	22.1	23	PASS
Band48	15MHz	QPSK	55990	1RB#38	19.77	22.16	23	PASS
Band48	15MHz	QPSK	55990	1RB#74	19.72	22.11	23	PASS
Band48	15MHz	QPSK	55990	75RB#0	16.5	18.89	23	PASS
Band48	15MHz	QPSK	56665	1RB#0	19.14	21.53	23	PASS
Band48	15MHz	QPSK	56665	1RB#38	19.3	21.69	23	PASS
Band48	15MHz	QPSK	56665	1RB#74	19.21	21.6	23	PASS
Band48	15MHz	QPSK	56665	75RB#0	15.97	18.36	23	PASS
Band48	20MHz	QPSK	55340	1RB#0	19.31	21.7	23	PASS
Band48	20MHz	QPSK	55340	1RB#49	19.38	21.77	23	PASS

Band48	20MHz	QPSK	55340	1RB#99	19.36	21.75	23	PASS
Band48	20MHz	QPSK	55340	100RB#0	14.76	17.15	23	PASS
Band48	20MHz	QPSK	55990	1RB#0	19.7	22.09	23	PASS
Band48	20MHz	QPSK	55990	1RB#49	19.75	22.14	23	PASS
Band48	20MHz	QPSK	55990	1RB#99	19.73	22.12	23	PASS
Band48	20MHz	QPSK	55990	100RB#0	15.1	17.49	23	PASS
Band48	20MHz	QPSK	56640	1RB#0	19.09	21.48	23	PASS
Band48	20MHz	QPSK	56640	1RB#49	19.27	21.66	23	PASS
Band48	20MHz	QPSK	56640	1RB#99	19.25	21.64	23	PASS
Band48	20MHz	QPSK	56640	100RB#0	14.64	17.03	23	PASS

~The End~