

Appendix-A LTE Band 30

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Verdict
Band30	5MHz	QPSK	27685	1RB#0	19.21	22.21	PASS
Band30	5MHz	QPSK	27685	1RB#12	19.33	22.33	PASS
Band30	5MHz	QPSK	27685	1RB#24	19.16	22.16	PASS
Band30	5MHz	QPSK	27685	25RB#0	18.39	21.39	PASS
Band30	5MHz	QPSK	27710	1RB#0	19.16	22.16	PASS
Band30	5MHz	QPSK	27710	1RB#12	19.25	22.25	PASS
Band30	5MHz	QPSK	27710	1RB#24	19.18	22.18	PASS
Band30	5MHz	QPSK	27710	25RB#0	18.22	21.22	PASS
Band30	5MHz	QPSK	27735	1RB#0	19.26	22.26	PASS
Band30	5MHz	QPSK	27735	1RB#12	19.18	22.18	PASS
Band30	5MHz	QPSK	27735	1RB#24	19.05	22.05	PASS
Band30	5MHz	QPSK	27735	25RB#0	18.26	21.26	PASS
Band30	5MHz	16QAM	27685	1RB#0	18.28	21.28	PASS
Band30	5MHz	16QAM	27685	1RB#12	18.4	21.4	PASS
Band30	5MHz	16QAM	27685	1RB#24	18.16	21.16	PASS
Band30	5MHz	16QAM	27685	25RB#0	17.23	20.23	PASS
Band30	5MHz	16QAM	27710	1RB#0	18.38	21.38	PASS
Band30	5MHz	16QAM	27710	1RB#12	18.65	21.65	PASS
Band30	5MHz	16QAM	27710	1RB#24	18.11	21.11	PASS
Band30	5MHz	16QAM	27710	25RB#0	17.14	20.14	PASS
Band30	5MHz	16QAM	27735	1RB#0	18.46	21.46	PASS
Band30	5MHz	16QAM	27735	1RB#12	18.04	21.04	PASS
Band30	5MHz	16QAM	27735	1RB#24	18.21	21.21	PASS
Band30	5MHz	16QAM	27735	25RB#0	17.24	20.24	PASS
Band30	5MHz	64QAM	27685	1RB#0	16.84	19.84	PASS
Band30	5MHz	64QAM	27685	1RB#12	17.18	20.18	PASS
Band30	5MHz	64QAM	27685	1RB#24	17.07	20.07	PASS
Band30	5MHz	64QAM	27685	25RB#0	16.42	19.42	PASS
Band30	5MHz	64QAM	27710	1RB#0	17.47	20.47	PASS
Band30	5MHz	64QAM	27710	1RB#12	17.2	20.2	PASS
Band30	5MHz	64QAM	27710	1RB#24	17.06	20.06	PASS
Band30	5MHz	64QAM	27710	25RB#0	16.2	19.2	PASS
Band30	5MHz	64QAM	27735	1RB#0	17.39	20.39	PASS
Band30	5MHz	64QAM	27735	1RB#12	16.65	19.65	PASS
Band30	5MHz	64QAM	27735	1RB#24	17.06	20.06	PASS
Band30	5MHz	64QAM	27735	25RB#0	16.3	19.3	PASS

Band30	5MHz	256QAM	27685	1RB#0	14.55	17.55	PASS
Band30	5MHz	256QAM	27685	1RB#12	14.1	17.1	PASS
Band30	5MHz	256QAM	27685	1RB#24	13.79	16.79	PASS
Band30	5MHz	256QAM	27685	25RB#0	14.21	17.21	PASS
Band30	5MHz	256QAM	27710	1RB#0	14.32	17.32	PASS
Band30	5MHz	256QAM	27710	1RB#12	14.02	17.02	PASS
Band30	5MHz	256QAM	27710	1RB#24	14.02	17.02	PASS
Band30	5MHz	256QAM	27710	25RB#0	14.25	17.25	PASS
Band30	5MHz	256QAM	27735	1RB#0	14.42	17.42	PASS
Band30	5MHz	256QAM	27735	1RB#12	13.97	16.97	PASS
Band30	5MHz	256QAM	27735	1RB#24	14.3	17.3	PASS
Band30	5MHz	256QAM	27735	25RB#0	14.17	17.17	PASS
Band30	10MHz	QPSK	27710	1RB#0	19.29	22.29	PASS
Band30	10MHz	QPSK	27710	1RB#24	19.34	22.34	PASS
Band30	10MHz	QPSK	27710	1RB#49	19.15	22.15	PASS
Band30	10MHz	QPSK	27710	50RB#0	18.29	21.29	PASS
Band30	10MHz	16QAM	27710	1RB#0	18.38	21.38	PASS
Band30	10MHz	16QAM	27710	1RB#24	18.47	21.47	PASS
Band30	10MHz	16QAM	27710	1RB#49	18.07	21.07	PASS
Band30	10MHz	16QAM	27710	50RB#0	17.24	20.24	PASS
Band30	10MHz	64QAM	27710	1RB#0	17.41	20.41	PASS
Band30	10MHz	64QAM	27710	1RB#24	17.19	20.19	PASS
Band30	10MHz	64QAM	27710	1RB#49	17.21	20.21	PASS
Band30	10MHz	64QAM	27710	50RB#0	16.2	19.2	PASS
Band30	10MHz	256QAM	27710	1RB#0	14.16	17.16	PASS
Band30	10MHz	256QAM	27710	1RB#24	14.47	17.47	PASS
Band30	10MHz	256QAM	27710	1RB#49	14.23	17.23	PASS
Band30	10MHz	256QAM	27710	50RB#0	14.31	17.31	PASS

Maximum EIRP and Maximum PSD

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm/5MHz)	EIRP (dBm/5MHz)	Limit (dBm/5MHz)	Verdict
Band30	5MHz	QPSK	27685	1RB#0	19.99	22.99	23.98	PASS
Band30	5MHz	QPSK	27685	1RB#12	20	23	23.98	PASS
Band30	5MHz	QPSK	27685	1RB#24	20.01	23.01	23.98	PASS
Band30	5MHz	QPSK	27685	25RB#0	17.74	20.74	23.98	PASS
Band30	5MHz	QPSK	27710	1RB#0	20.04	23.04	23.98	PASS
Band30	5MHz	QPSK	27710	1RB#12	20.05	23.05	23.98	PASS
Band30	5MHz	QPSK	27710	1RB#24	19.87	22.87	23.98	PASS
Band30	5MHz	QPSK	27710	25RB#0	17.64	20.64	23.98	PASS
Band30	5MHz	QPSK	27735	1RB#0	19.91	22.91	23.98	PASS
Band30	5MHz	QPSK	27735	1RB#12	19.99	22.99	23.98	PASS
Band30	5MHz	QPSK	27735	1RB#24	19.76	22.76	23.98	PASS
Band30	5MHz	QPSK	27735	25RB#0	17.65	20.65	23.98	PASS
Band30	10MHz	QPSK	27710	1RB#0	19.86	22.86	23.98	PASS
Band30	10MHz	QPSK	27710	1RB#24	20.15	23.15	23.98	PASS
Band30	10MHz	QPSK	27710	1RB#49	19.94	22.94	23.98	PASS
Band30	10MHz	QPSK	27710	50RB#0	15.84	18.84	23.98	PASS

~The End~