

Appendix B.12

LTE Band 41

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	23.02	26.02	33	PASS
Band41	5MHz	QPSK	39675	1RB#12	22.74	25.74	33	PASS
Band41	5MHz	QPSK	39675	1RB#24	22.94	25.94	33	PASS
Band41	5MHz	QPSK	39675	25RB#0	21.97	24.97	33	PASS
Band41	5MHz	QPSK	40620	1RB#0	22.77	25.77	33	PASS
Band41	5MHz	QPSK	40620	1RB#12	22.51	25.51	33	PASS
Band41	5MHz	QPSK	40620	1RB#24	22.63	25.63	33	PASS
Band41	5MHz	QPSK	40620	25RB#0	21.70	24.70	33	PASS
Band41	5MHz	QPSK	41565	1RB#0	22.43	25.43	33	PASS
Band41	5MHz	QPSK	41565	1RB#12	22.14	25.14	33	PASS
Band41	5MHz	QPSK	41565	1RB#24	22.11	25.11	33	PASS
Band41	5MHz	QPSK	41565	25RB#0	21.25	24.25	33	PASS
Band41	5MHz	16QAM	39675	1RB#0	22.31	25.31	33	PASS
Band41	5MHz	16QAM	39675	1RB#12	22.04	25.04	33	PASS
Band41	5MHz	16QAM	39675	1RB#24	22.11	25.11	33	PASS
Band41	5MHz	16QAM	39675	25RB#0	20.91	23.91	33	PASS
Band41	5MHz	16QAM	40620	1RB#0	22.02	25.02	33	PASS
Band41	5MHz	16QAM	40620	1RB#12	21.84	24.84	33	PASS
Band41	5MHz	16QAM	40620	1RB#24	21.92	24.92	33	PASS
Band41	5MHz	16QAM	40620	25RB#0	20.70	23.70	33	PASS
Band41	5MHz	16QAM	41565	1RB#0	21.65	24.65	33	PASS
Band41	5MHz	16QAM	41565	1RB#12	21.41	24.41	33	PASS
Band41	5MHz	16QAM	41565	1RB#24	21.31	24.31	33	PASS
Band41	5MHz	16QAM	41565	25RB#0	20.23	23.23	33	PASS
Band41	10MHz	QPSK	39700	1RB#0	23.19	26.19	33	PASS
Band41	10MHz	QPSK	39700	1RB#24	22.93	25.93	33	PASS
Band41	10MHz	QPSK	39700	1RB#49	23.11	26.11	33	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band41	10MHz	QPSK	39700	50RB#0	21.91	24.91	33	PASS
Band41	10MHz	QPSK	40620	1RB#0	23.03	26.03	33	PASS
Band41	10MHz	QPSK	40620	1RB#24	22.70	25.70	33	PASS
Band41	10MHz	QPSK	40620	1RB#49	22.77	25.77	33	PASS
Band41	10MHz	QPSK	40620	50RB#0	21.75	24.75	33	PASS
Band41	10MHz	QPSK	41540	1RB#0	22.50	25.50	33	PASS
Band41	10MHz	QPSK	41540	1RB#24	22.22	25.22	33	PASS
Band41	10MHz	QPSK	41540	1RB#49	22.30	25.30	33	PASS
Band41	10MHz	QPSK	41540	50RB#0	21.28	24.28	33	PASS
Band41	10MHz	16QAM	39700	1RB#0	22.44	25.44	33	PASS
Band41	10MHz	16QAM	39700	1RB#24	22.24	25.24	33	PASS
Band41	10MHz	16QAM	39700	1RB#49	22.24	25.24	33	PASS
Band41	10MHz	16QAM	39700	50RB#0	20.98	23.98	33	PASS
Band41	10MHz	16QAM	40620	1RB#0	22.33	25.33	33	PASS
Band41	10MHz	16QAM	40620	1RB#24	22.10	25.10	33	PASS
Band41	10MHz	16QAM	40620	1RB#49	22.13	25.13	33	PASS
Band41	10MHz	16QAM	40620	50RB#0	20.75	23.75	33	PASS
Band41	10MHz	16QAM	41540	1RB#0	21.80	24.80	33	PASS
Band41	10MHz	16QAM	41540	1RB#24	21.48	24.48	33	PASS
Band41	10MHz	16QAM	41540	1RB#49	21.56	24.56	33	PASS
Band41	10MHz	16QAM	41540	50RB#0	20.28	23.28	33	PASS
Band41	15MHz	QPSK	39725	1RB#0	22.85	25.85	33	PASS
Band41	15MHz	QPSK	39725	1RB#38	22.88	25.88	33	PASS
Band41	15MHz	QPSK	39725	1RB#74	22.72	25.72	33	PASS
Band41	15MHz	QPSK	39725	75RB#0	21.74	24.74	33	PASS
Band41	15MHz	QPSK	40620	1RB#0	22.73	25.73	33	PASS
Band41	15MHz	QPSK	40620	1RB#38	22.52	25.52	33	PASS
Band41	15MHz	QPSK	40620	1RB#74	22.29	25.29	33	PASS
Band41	15MHz	QPSK	40620	75RB#0	21.49	24.49	33	PASS
Band41	15MHz	QPSK	41515	1RB#0	22.43	25.43	33	PASS
Band41	15MHz	QPSK	41515	1RB#38	22.48	25.48	33	PASS
Band41	15MHz	QPSK	41515	1RB#74	22.40	25.40	33	PASS
Band41	15MHz	QPSK	41515	75RB#0	21.42	24.42	33	PASS
Band41	15MHz	16QAM	39725	1RB#0	21.97	24.97	33	PASS
Band41	15MHz	16QAM	39725	1RB#38	21.95	24.95	33	PASS
Band41	15MHz	16QAM	39725	1RB#74	21.81	24.81	33	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band41	15MHz	16QAM	39725	75RB#0	20.82	23.82	33	PASS
Band41	15MHz	16QAM	40620	1RB#0	21.96	24.96	33	PASS
Band41	15MHz	16QAM	40620	1RB#38	21.82	24.82	33	PASS
Band41	15MHz	16QAM	40620	1RB#74	21.56	24.56	33	PASS
Band41	15MHz	16QAM	40620	75RB#0	20.53	23.53	33	PASS
Band41	15MHz	16QAM	41515	1RB#0	21.68	24.68	33	PASS
Band41	15MHz	16QAM	41515	1RB#38	21.66	24.66	33	PASS
Band41	15MHz	16QAM	41515	1RB#74	21.61	24.61	33	PASS
Band41	15MHz	16QAM	41515	75RB#0	20.48	23.48	33	PASS
Band41	20MHz	QPSK	39750	1RB#0	22.90	25.90	33	PASS
Band41	20MHz	QPSK	39750	1RB#49	22.83	25.83	33	PASS
Band41	20MHz	QPSK	39750	1RB#99	22.81	25.81	33	PASS
Band41	20MHz	QPSK	39750	100RB#0	21.83	24.83	33	PASS
Band41	20MHz	QPSK	40620	1RB#0	22.80	25.80	33	PASS
Band41	20MHz	QPSK	40620	1RB#49	22.65	25.65	33	PASS
Band41	20MHz	QPSK	40620	1RB#99	22.41	25.41	33	PASS
Band41	20MHz	QPSK	40620	100RB#0	21.56	24.56	33	PASS
Band41	20MHz	QPSK	41490	1RB#0	22.50	25.50	33	PASS
Band41	20MHz	QPSK	41490	1RB#49	22.40	25.40	33	PASS
Band41	20MHz	QPSK	41490	1RB#99	22.36	25.36	33	PASS
Band41	20MHz	QPSK	41490	100RB#0	21.37	24.37	33	PASS
Band41	20MHz	16QAM	39750	1RB#0	22.07	25.07	33	PASS
Band41	20MHz	16QAM	39750	1RB#49	21.97	24.97	33	PASS
Band41	20MHz	16QAM	39750	1RB#99	21.75	24.75	33	PASS
Band41	20MHz	16QAM	39750	100RB#0	20.88	23.88	33	PASS
Band41	20MHz	16QAM	40620	1RB#0	22.00	25.00	33	PASS
Band41	20MHz	16QAM	40620	1RB#49	21.89	24.89	33	PASS
Band41	20MHz	16QAM	40620	1RB#99	21.62	24.62	33	PASS
Band41	20MHz	16QAM	40620	100RB#0	20.64	23.64	33	PASS
Band41	20MHz	16QAM	41490	1RB#0	21.76	24.76	33	PASS
Band41	20MHz	16QAM	41490	1RB#49	21.67	24.67	33	PASS
Band41	20MHz	16QAM	41490	1RB#99	21.66	24.66	33	PASS
Band41	20MHz	16QAM	41490	100RB#0	20.43	23.43	33	PASS