

Appendix-C LTE Band 4

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	23.52	25.52	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	23.43	25.43	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	23.28	25.28	30.00	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	22.54	24.54	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	23.19	25.19	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	23.31	25.31	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	23.09	25.09	30.00	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	22.4	24.4	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	23.24	25.24	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	23.32	25.32	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	23.13	25.13	30.00	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	22.37	24.37	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	22.3	24.3	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	22.17	24.17	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	22.26	24.26	30.00	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.55	23.55	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	22.28	24.28	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	22.14	24.14	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	22.11	24.11	30.00	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	21.47	23.47	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	22.11	24.11	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	22.24	24.24	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.92	23.92	30.00	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	21.34	23.34	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	21.84	23.84	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#2	21.78	23.78	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#5	21.64	23.64	30.00	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	20.4	22.4	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	21.7	23.7	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#2	21.36	23.36	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#5	21.17	23.17	30.00	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	20.48	22.48	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	21.86	23.86	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#2	21.49	23.49	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#5	21.48	23.48	30.00	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	20.41	22.41	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#0	23.47	25.47	30.00	PASS

Band4	3MHz	QPSK	19965	1RB#8	23.3	25.3	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#14	23.3	25.3	30.00	PASS
Band4	3MHz	QPSK	19965	15RB#0	22.43	24.43	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#0	23.23	25.23	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#8	23.39	25.39	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#14	23.35	25.35	30.00	PASS
Band4	3MHz	QPSK	20175	15RB#0	22.41	24.41	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#0	23.45	25.45	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#8	23.31	25.31	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#14	23.28	25.28	30.00	PASS
Band4	3MHz	QPSK	20385	15RB#0	22.47	24.47	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.99	23.99	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#8	22.38	24.38	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.12	24.12	30.00	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.54	23.54	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#0	22.29	24.29	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#8	22.21	24.21	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#14	22.71	24.71	30.00	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.39	23.39	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#0	22.53	24.53	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#8	22.7	24.7	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#14	21.99	23.99	30.00	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.56	23.56	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#0	21.39	23.39	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#8	21.57	23.57	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#14	21.55	23.55	30.00	PASS
Band4	3MHz	64QAM	19965	15RB#0	20.55	22.55	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#0	21.12	23.12	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#8	21.3	23.3	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#14	21.27	23.27	30.00	PASS
Band4	3MHz	64QAM	20175	15RB#0	20.61	22.61	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#0	21.66	23.66	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#8	21.31	23.31	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#14	21.43	23.43	30.00	PASS
Band4	3MHz	64QAM	20385	15RB#0	20.43	22.43	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#0	23.54	25.54	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#12	23.19	25.19	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#24	23.13	25.13	30.00	PASS
Band4	5MHz	QPSK	19975	25RB#0	22.44	24.44	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#0	23.21	25.21	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#12	23.47	25.47	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#24	23.26	25.26	30.00	PASS
Band4	5MHz	QPSK	20175	25RB#0	22.31	24.31	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#0	23.32	25.32	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#12	23.83	25.83	30.00	PASS

Band4	5MHz	QPSK	20375	1RB#24	23.19	25.19	30.00	PASS
Band4	5MHz	QPSK	20375	25RB#0	22.5	24.5	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#0	22.1	24.1	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#12	22.19	24.19	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#24	22.33	24.33	30.00	PASS
Band4	5MHz	16QAM	19975	25RB#0	21.47	23.47	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#0	22.45	24.45	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#12	22.37	24.37	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#24	22.57	24.57	30.00	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.38	23.38	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#0	22.51	24.51	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#12	23	25	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#24	22.02	24.02	30.00	PASS
Band4	5MHz	16QAM	20375	25RB#0	21.44	23.44	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#0	21.81	23.81	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#12	21.09	23.09	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#24	21.35	23.35	30.00	PASS
Band4	5MHz	64QAM	19975	25RB#0	20.8	22.8	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#0	21.51	23.51	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#12	21.62	23.62	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#24	21.61	23.61	30.00	PASS
Band4	5MHz	64QAM	20175	25RB#0	20.32	22.32	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#0	21.68	23.68	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#12	21.21	23.21	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#24	21.44	23.44	30.00	PASS
Band4	5MHz	64QAM	20375	25RB#0	20.76	22.76	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#0	23.46	25.46	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#24	23.57	25.57	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#49	23.34	25.34	30.00	PASS
Band4	10MHz	QPSK	20000	50RB#0	22.54	24.54	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#0	23.22	25.22	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#24	23.35	25.35	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#49	23.05	25.05	30.00	PASS
Band4	10MHz	QPSK	20175	50RB#0	22.37	24.37	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#0	23.46	25.46	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#24	23.59	25.59	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#49	23.22	25.22	30.00	PASS
Band4	10MHz	QPSK	20350	50RB#0	22.48	24.48	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#0	22.31	24.31	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#24	22.4	24.4	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#49	22.43	24.43	30.00	PASS
Band4	10MHz	16QAM	20000	50RB#0	21.63	23.63	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#0	22.68	24.68	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#24	22.07	24.07	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#49	22.01	24.01	30.00	PASS

Band4	10MHz	16QAM	20175	50RB#0	21.3	23.3	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#0	22.35	24.35	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#24	22.46	24.46	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#49	22.3	24.3	30.00	PASS
Band4	10MHz	16QAM	20350	50RB#0	21.58	23.58	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#0	21.54	23.54	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#24	21.35	23.35	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#49	21.45	23.45	30.00	PASS
Band4	10MHz	64QAM	20000	50RB#0	20.69	22.69	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#0	21.47	23.47	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#24	21.63	23.63	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#49	21.39	23.39	30.00	PASS
Band4	10MHz	64QAM	20175	50RB#0	20.52	22.52	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#0	21.45	23.45	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#24	21.83	23.83	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#49	21.54	23.54	30.00	PASS
Band4	10MHz	64QAM	20350	50RB#0	20.67	22.67	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#0	23.55	25.55	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#38	23.47	25.47	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#74	23.38	25.38	30.00	PASS
Band4	15MHz	QPSK	20025	75RB#0	22.44	24.44	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#0	23.16	25.16	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#38	23.11	25.11	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#74	23.17	25.17	30.00	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.37	24.37	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#0	23.3	25.3	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#38	23.33	25.33	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#74	23.4	25.4	30.00	PASS
Band4	15MHz	QPSK	20325	75RB#0	22.56	24.56	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#0	22.21	24.21	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#38	21.98	23.98	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#74	22.61	24.61	30.00	PASS
Band4	15MHz	16QAM	20025	75RB#0	21.41	23.41	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#0	22.21	24.21	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.15	24.15	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#74	22.09	24.09	30.00	PASS
Band4	15MHz	16QAM	20175	75RB#0	21.44	23.44	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#0	22.38	24.38	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#38	22.51	24.51	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.71	24.71	30.00	PASS
Band4	15MHz	16QAM	20325	75RB#0	21.61	23.61	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#0	23.31	25.31	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#49	23.38	25.38	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#99	23.15	25.15	30.00	PASS
Band4	20MHz	QPSK	20050	100RB#0	22.51	24.51	30.00	PASS

Band4	20MHz	QPSK	20175	1RB#0	23.18	25.18	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#49	23.2	25.2	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#99	23.09	25.09	30.00	PASS
Band4	20MHz	QPSK	20175	100RB#0	22.23	24.23	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#0	23.36	25.36	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#49	23.47	25.47	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#99	23.51	25.51	30.00	PASS
Band4	20MHz	QPSK	20300	100RB#0	22.48	24.48	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#0	22.28	24.28	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#49	22.02	24.02	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#99	22.27	24.27	30.00	PASS
Band4	20MHz	16QAM	20050	100RB#0	21.37	23.37	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#0	22.2	24.2	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.69	24.69	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.33	24.33	30.00	PASS
Band4	20MHz	16QAM	20175	100RB#0	21.31	23.31	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#0	22.25	24.25	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#49	22.18	24.18	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#99	22.97	24.97	30.00	PASS
Band4	20MHz	16QAM	20300	100RB#0	21.36	23.36	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#0	21.56	23.56	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#49	21.25	23.25	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#99	21.43	23.43	30.00	PASS
Band4	20MHz	64QAM	20050	100RB#0	20.59	22.59	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#0	21.35	23.35	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#49	21.15	23.15	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#99	21.47	23.47	30.00	PASS
Band4	20MHz	64QAM	20175	100RB#0	20.21	22.21	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#0	21.46	23.46	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#49	21.39	23.39	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#99	21.99	23.99	30.00	PASS
Band4	20MHz	64QAM	20300	100RB#0	20.52	22.52	30.00	PASS

Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	5.82	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.86	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	5.92	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	6.75	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.74	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	6.70	13	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	6.96	13	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	6.89	13	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	6.91	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.81	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.88	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.86	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	6.76	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.71	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	6.72	13	PASS
Band4	3MHz	64QAM	19965	15RB#0	6.81	13	PASS
Band4	3MHz	64QAM	20175	15RB#0	6.79	13	PASS
Band4	3MHz	64QAM	20385	15RB#0	6.75	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.78	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.80	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	5.78	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	6.53	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.49	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	6.50	13	PASS
Band4	5MHz	64QAM	19975	25RB#0	6.81	13	PASS
Band4	5MHz	64QAM	20175	25RB#0	6.74	13	PASS
Band4	5MHz	64QAM	20375	25RB#0	6.72	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.71	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.70	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.71	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	6.45	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	6.43	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	6.43	13	PASS
Band4	10MHz	64QAM	20000	50RB#0	6.67	13	PASS
Band4	10MHz	64QAM	20175	50RB#0	6.64	13	PASS
Band4	10MHz	64QAM	20350	50RB#0	6.61	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.18	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.16	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.18	13	PASS

Band4	15MHz	16QAM	20025	75RB#0	6.26	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.24	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	6.24	13	PASS
Band4	15MHz	64QAM	20025	75RB#0	6.48	13	PASS
Band4	15MHz	64QAM	20175	75RB#0	6.46	13	PASS
Band4	15MHz	64QAM	20325	75RB#0	6.45	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.53	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.54	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.58	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.40	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.40	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	6.40	13	PASS
Band4	20MHz	64QAM	20050	100RB#0	6.62	13	PASS
Band4	20MHz	64QAM	20175	100RB#0	6.61	13	PASS
Band4	20MHz	64QAM	20300	100RB#0	6.59	13	PASS

Test Graphs















