

Appendix B.2

LTE Band 4



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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	22.93	24.58	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	22.85	24.5	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.87	24.52	30	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.93	23.58	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	23.14	24.79	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	23.12	24.77	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	23.06	24.71	30	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	22.19	23.84	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	23.23	24.88	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	23.07	24.72	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	23.12	24.77	30	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	22.15	23.8	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	21.96	23.61	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	22.04	23.69	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	21.89	23.54	30	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	20.96	22.61	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	22.37	24.02	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	22.32	23.97	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	22.26	23.91	30	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	21.22	22.87	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	22.18	23.83	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	22.16	23.81	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	22.11	23.76	30	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	21.15	22.8	30	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	21.19	22.84	30	PASS
Band4	1.4MHz	64QAM	19957	1RB#2	21.1	22.75	30	PASS
Band4	1.4MHz	64QAM	19957	1RB#5	21.13	22.78	30	PASS



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Band4	1.4MHz	64QAM	19957	6RB#0	19.96	21.61	30	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	21.28	22.93	30	PASS
Band4	1.4MHz	64QAM	20175	1RB#2	21.36	23.01	30	PASS
Band4	1.4MHz	64QAM	20175	1RB#5	21.19	22.84	30	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	20.25	21.9	30	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	21.25	22.9	30	PASS
Band4	1.4MHz	64QAM	20393	1RB#2	21.15	22.8	30	PASS
Band4	1.4MHz	64QAM	20393	1RB#5	21.13	22.78	30	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	20.13	21.78	30	PASS
Band4	1.4MHz	256QAM	19957	1RB#0	17.98	19.63	30	PASS
Band4	1.4MHz	256QAM	19957	1RB#2	18.07	19.72	30	PASS
Band4	1.4MHz	256QAM	19957	1RB#5	17.9	19.55	30	PASS
Band4	1.4MHz	256QAM	19957	6RB#0	17.93	19.58	30	PASS
Band4	1.4MHz	256QAM	20175	1RB#0	18.19	19.84	30	PASS
Band4	1.4MHz	256QAM	20175	1RB#2	18.3	19.95	30	PASS
Band4	1.4MHz	256QAM	20175	1RB#5	18.28	19.93	30	PASS
Band4	1.4MHz	256QAM	20175	6RB#0	18.13	19.78	30	PASS
Band4	1.4MHz	256QAM	20393	1RB#0	18.1	19.75	30	PASS
Band4	1.4MHz	256QAM	20393	1RB#2	18.13	19.78	30	PASS
Band4	1.4MHz	256QAM	20393	1RB#5	18.05	19.7	30	PASS
Band4	1.4MHz	256QAM	20393	6RB#0	18.09	19.74	30	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.92	24.57	30	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.97	24.62	30	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.92	24.57	30	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.97	23.62	30	PASS
Band4	3MHz	QPSK	20175	1RB#0	23.36	25.01	30	PASS
Band4	3MHz	QPSK	20175	1RB#8	23.18	24.83	30	PASS
Band4	3MHz	QPSK	20175	1RB#14	23.2	24.85	30	PASS
Band4	3MHz	QPSK	20175	15RB#0	22.15	23.8	30	PASS
Band4	3MHz	QPSK	20385	1RB#0	23.22	24.87	30	PASS
Band4	3MHz	QPSK	20385	1RB#8	23.09	24.74	30	PASS
Band4	3MHz	QPSK	20385	1RB#14	23.08	24.73	30	PASS



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Band4	3MHz	QPSK	20385	15RB#0	22.17	23.82	30	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.96	23.61	30	PASS
Band4	3MHz	16QAM	19965	1RB#8	22.17	23.82	30	PASS
Band4	3MHz	16QAM	19965	1RB#14	21.99	23.64	30	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.02	22.67	30	PASS
Band4	3MHz	16QAM	20175	1RB#0	22.23	23.88	30	PASS
Band4	3MHz	16QAM	20175	1RB#8	22.48	24.13	30	PASS
Band4	3MHz	16QAM	20175	1RB#14	22.12	23.77	30	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.16	22.81	30	PASS
Band4	3MHz	16QAM	20385	1RB#0	22.23	23.88	30	PASS
Band4	3MHz	16QAM	20385	1RB#8	22.23	23.88	30	PASS
Band4	3MHz	16QAM	20385	1RB#14	22.3	23.95	30	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.2	22.85	30	PASS
Band4	3MHz	64QAM	19965	1RB#0	21.1	22.75	30	PASS
Band4	3MHz	64QAM	19965	1RB#8	21.1	22.75	30	PASS
Band4	3MHz	64QAM	19965	1RB#14	21	22.65	30	PASS
Band4	3MHz	64QAM	19965	15RB#0	19.94	21.59	30	PASS
Band4	3MHz	64QAM	20175	1RB#0	21.48	23.13	30	PASS
Band4	3MHz	64QAM	20175	1RB#8	21.28	22.93	30	PASS
Band4	3MHz	64QAM	20175	1RB#14	21.29	22.94	30	PASS
Band4	3MHz	64QAM	20175	15RB#0	20.11	21.76	30	PASS
Band4	3MHz	64QAM	20385	1RB#0	21.35	23	30	PASS
Band4	3MHz	64QAM	20385	1RB#8	21.35	23	30	PASS
Band4	3MHz	64QAM	20385	1RB#14	21.14	22.79	30	PASS
Band4	3MHz	64QAM	20385	15RB#0	20.14	21.79	30	PASS
Band4	3MHz	256QAM	19965	1RB#0	18.07	19.72	30	PASS
Band4	3MHz	256QAM	19965	1RB#8	18.1	19.75	30	PASS
Band4	3MHz	256QAM	19965	1RB#14	17.99	19.64	30	PASS
Band4	3MHz	256QAM	19965	15RB#0	17.94	19.59	30	PASS
Band4	3MHz	256QAM	20175	1RB#0	18.22	19.87	30	PASS
Band4	3MHz	256QAM	20175	1RB#8	18.19	19.84	30	PASS
Band4	3MHz	256QAM	20175	1RB#14	18.19	19.84	30	PASS



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Band4	3MHz	256QAM	20175	15RB#0	18.07	19.72	30	PASS
Band4	3MHz	256QAM	20385	1RB#0	18.15	19.8	30	PASS
Band4	3MHz	256QAM	20385	1RB#8	18.23	19.88	30	PASS
Band4	3MHz	256QAM	20385	1RB#14	18.1	19.75	30	PASS
Band4	3MHz	256QAM	20385	15RB#0	18.12	19.77	30	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.91	24.56	30	PASS
Band4	5MHz	QPSK	19975	1RB#12	23	24.65	30	PASS
Band4	5MHz	QPSK	19975	1RB#24	23.02	24.67	30	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.96	23.61	30	PASS
Band4	5MHz	QPSK	20175	1RB#0	23.24	24.89	30	PASS
Band4	5MHz	QPSK	20175	1RB#12	23.16	24.81	30	PASS
Band4	5MHz	QPSK	20175	1RB#24	23.16	24.81	30	PASS
Band4	5MHz	QPSK	20175	25RB#0	22.19	23.84	30	PASS
Band4	5MHz	QPSK	20375	1RB#0	23.41	25.06	30	PASS
Band4	5MHz	QPSK	20375	1RB#12	23.16	24.81	30	PASS
Band4	5MHz	QPSK	20375	1RB#24	23.22	24.87	30	PASS
Band4	5MHz	QPSK	20375	25RB#0	22.2	23.85	30	PASS
Band4	5MHz	16QAM	19975	1RB#0	22.06	23.71	30	PASS
Band4	5MHz	16QAM	19975	1RB#12	22.06	23.71	30	PASS
Band4	5MHz	16QAM	19975	1RB#24	22.09	23.74	30	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.96	22.61	30	PASS
Band4	5MHz	16QAM	20175	1RB#0	22.3	23.95	30	PASS
Band4	5MHz	16QAM	20175	1RB#12	22.24	23.89	30	PASS
Band4	5MHz	16QAM	20175	1RB#24	22.31	23.96	30	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.26	22.91	30	PASS
Band4	5MHz	16QAM	20375	1RB#0	22.16	23.81	30	PASS
Band4	5MHz	16QAM	20375	1RB#12	22.24	23.89	30	PASS
Band4	5MHz	16QAM	20375	1RB#24	22.41	24.06	30	PASS
Band4	5MHz	16QAM	20375	25RB#0	21.23	22.88	30	PASS
Band4	5MHz	64QAM	19975	1RB#0	21.11	22.76	30	PASS
Band4	5MHz	64QAM	19975	1RB#12	21.24	22.89	30	PASS
Band4	5MHz	64QAM	19975	1RB#24	21.28	22.93	30	PASS



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Band4	5MHz	64QAM	19975	25RB#0	20	21.65	30	PASS
Band4	5MHz	64QAM	20175	1RB#0	21.45	23.1	30	PASS
Band4	5MHz	64QAM	20175	1RB#12	21.4	23.05	30	PASS
Band4	5MHz	64QAM	20175	1RB#24	21.28	22.93	30	PASS
Band4	5MHz	64QAM	20175	25RB#0	20.14	21.79	30	PASS
Band4	5MHz	64QAM	20375	1RB#0	21.3	22.95	30	PASS
Band4	5MHz	64QAM	20375	1RB#12	21.35	23	30	PASS
Band4	5MHz	64QAM	20375	1RB#24	21.39	23.04	30	PASS
Band4	5MHz	64QAM	20375	25RB#0	20.19	21.84	30	PASS
Band4	5MHz	256QAM	19975	1RB#0	17.94	19.59	30	PASS
Band4	5MHz	256QAM	19975	1RB#12	18.15	19.8	30	PASS
Band4	5MHz	256QAM	19975	1RB#24	18.16	19.81	30	PASS
Band4	5MHz	256QAM	19975	25RB#0	18	19.65	30	PASS
Band4	5MHz	256QAM	20175	1RB#0	18.43	20.08	30	PASS
Band4	5MHz	256QAM	20175	1RB#12	18.36	20.01	30	PASS
Band4	5MHz	256QAM	20175	1RB#24	18.2	19.85	30	PASS
Band4	5MHz	256QAM	20175	25RB#0	18.19	19.84	30	PASS
Band4	5MHz	256QAM	20375	1RB#0	18.18	19.83	30	PASS
Band4	5MHz	256QAM	20375	1RB#12	18.32	19.97	30	PASS
Band4	5MHz	256QAM	20375	1RB#24	18.2	19.85	30	PASS
Band4	5MHz	256QAM	20375	25RB#0	18.23	19.88	30	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.9	24.55	30	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.96	24.61	30	PASS
Band4	10MHz	QPSK	20000	1RB#49	23.11	24.76	30	PASS
Band4	10MHz	QPSK	20000	50RB#0	22.05	23.7	30	PASS
Band4	10MHz	QPSK	20175	1RB#0	23.21	24.86	30	PASS
Band4	10MHz	QPSK	20175	1RB#24	23.14	24.79	30	PASS
Band4	10MHz	QPSK	20175	1RB#49	23.17	24.82	30	PASS
Band4	10MHz	QPSK	20175	50RB#0	22.12	23.77	30	PASS
Band4	10MHz	QPSK	20350	1RB#0	23.25	24.9	30	PASS
Band4	10MHz	QPSK	20350	1RB#24	23.1	24.75	30	PASS
Band4	10MHz	QPSK	20350	1RB#49	23.03	24.68	30	PASS



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Band4	10MHz	QPSK	20350	50RB#0	22.15	23.8	30	PASS
Band4	10MHz	16QAM	20000	1RB#0	22.09	23.74	30	PASS
Band4	10MHz	16QAM	20000	1RB#24	22.22	23.87	30	PASS
Band4	10MHz	16QAM	20000	1RB#49	22.16	23.81	30	PASS
Band4	10MHz	16QAM	20000	50RB#0	21.07	22.72	30	PASS
Band4	10MHz	16QAM	20175	1RB#0	22.08	23.73	30	PASS
Band4	10MHz	16QAM	20175	1RB#24	22.25	23.9	30	PASS
Band4	10MHz	16QAM	20175	1RB#49	22.42	24.07	30	PASS
Band4	10MHz	16QAM	20175	50RB#0	21.16	22.81	30	PASS
Band4	10MHz	16QAM	20350	1RB#0	22.12	23.77	30	PASS
Band4	10MHz	16QAM	20350	1RB#24	22.38	24.03	30	PASS
Band4	10MHz	16QAM	20350	1RB#49	22.19	23.84	30	PASS
Band4	10MHz	16QAM	20350	50RB#0	21.18	22.83	30	PASS
Band4	10MHz	64QAM	20000	1RB#0	21.02	22.67	30	PASS
Band4	10MHz	64QAM	20000	1RB#24	21.12	22.77	30	PASS
Band4	10MHz	64QAM	20000	1RB#49	21.18	22.83	30	PASS
Band4	10MHz	64QAM	20000	50RB#0	20.03	21.68	30	PASS
Band4	10MHz	64QAM	20175	1RB#0	21.28	22.93	30	PASS
Band4	10MHz	64QAM	20175	1RB#24	21.46	23.11	30	PASS
Band4	10MHz	64QAM	20175	1RB#49	21.14	22.79	30	PASS
Band4	10MHz	64QAM	20175	50RB#0	20.23	21.88	30	PASS
Band4	10MHz	64QAM	20350	1RB#0	21.31	22.96	30	PASS
Band4	10MHz	64QAM	20350	1RB#24	21.15	22.8	30	PASS
Band4	10MHz	64QAM	20350	1RB#49	21.26	22.91	30	PASS
Band4	10MHz	64QAM	20350	50RB#0	20.19	21.84	30	PASS
Band4	10MHz	256QAM	20000	1RB#0	18.11	19.76	30	PASS
Band4	10MHz	256QAM	20000	1RB#24	18.04	19.69	30	PASS
Band4	10MHz	256QAM	20000	1RB#49	18.27	19.92	30	PASS
Band4	10MHz	256QAM	20000	50RB#0	20.06	21.71	30	PASS
Band4	10MHz	256QAM	20175	1RB#0	18.09	19.74	30	PASS
Band4	10MHz	256QAM	20175	1RB#24	18.27	19.92	30	PASS
Band4	10MHz	256QAM	20175	1RB#49	18.22	19.87	30	PASS



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Band4	10MHz	256QAM	20175	50RB#0	20.16	21.81	30	PASS
Band4	10MHz	256QAM	20350	1RB#0	18.21	19.86	30	PASS
Band4	10MHz	256QAM	20350	1RB#24	18.34	19.99	30	PASS
Band4	10MHz	256QAM	20350	1RB#49	18.13	19.78	30	PASS
Band4	10MHz	256QAM	20350	50RB#0	20.17	21.82	30	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.77	24.42	30	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.91	24.56	30	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.98	24.63	30	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.9	23.55	30	PASS
Band4	15MHz	QPSK	20175	1RB#0	23.41	25.06	30	PASS
Band4	15MHz	QPSK	20175	1RB#38	23.11	24.76	30	PASS
Band4	15MHz	QPSK	20175	1RB#74	23.41	25.06	30	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.09	23.74	30	PASS
Band4	15MHz	QPSK	20325	1RB#0	23.36	25.01	30	PASS
Band4	15MHz	QPSK	20325	1RB#38	23.05	24.7	30	PASS
Band4	15MHz	QPSK	20325	1RB#74	23.13	24.78	30	PASS
Band4	15MHz	QPSK	20325	75RB#0	22.11	23.76	30	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.95	23.6	30	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.06	23.71	30	PASS
Band4	15MHz	16QAM	20025	1RB#74	22.21	23.86	30	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.88	22.53	30	PASS
Band4	15MHz	16QAM	20175	1RB#0	22.09	23.74	30	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.22	23.87	30	PASS
Band4	15MHz	16QAM	20175	1RB#74	22.19	23.84	30	PASS
Band4	15MHz	16QAM	20175	75RB#0	21.06	22.71	30	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.99	23.64	30	PASS
Band4	15MHz	16QAM	20325	1RB#38	22.08	23.73	30	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.25	23.9	30	PASS
Band4	15MHz	16QAM	20325	75RB#0	21.08	22.73	30	PASS
Band4	15MHz	64QAM	20025	1RB#0	20.88	22.53	30	PASS
Band4	15MHz	64QAM	20025	1RB#38	21.11	22.76	30	PASS
Band4	15MHz	64QAM	20025	1RB#74	20.95	22.6	30	PASS



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Band4	15MHz	64QAM	20025	75RB#0	19.91	21.56	30	PASS
Band4	15MHz	64QAM	20175	1RB#0	21.08	22.73	30	PASS
Band4	15MHz	64QAM	20175	1RB#38	21.32	22.97	30	PASS
Band4	15MHz	64QAM	20175	1RB#74	21.3	22.95	30	PASS
Band4	15MHz	64QAM	20175	75RB#0	20.07	21.72	30	PASS
Band4	15MHz	64QAM	20325	1RB#0	21.06	22.71	30	PASS
Band4	15MHz	64QAM	20325	1RB#38	21.51	23.16	30	PASS
Band4	15MHz	64QAM	20325	1RB#74	21.27	22.92	30	PASS
Band4	15MHz	64QAM	20325	75RB#0	20.16	21.81	30	PASS
Band4	15MHz	256QAM	20025	1RB#0	17.92	19.57	30	PASS
Band4	15MHz	256QAM	20025	1RB#38	18	19.65	30	PASS
Band4	15MHz	256QAM	20025	1RB#74	17.97	19.62	30	PASS
Band4	15MHz	256QAM	20025	75RB#0	17.85	19.5	30	PASS
Band4	15MHz	256QAM	20175	1RB#0	18.03	19.68	30	PASS
Band4	15MHz	256QAM	20175	1RB#38	18.19	19.84	30	PASS
Band4	15MHz	256QAM	20175	1RB#74	18.21	19.86	30	PASS
Band4	15MHz	256QAM	20175	75RB#0	18.13	19.78	30	PASS
Band4	15MHz	256QAM	20325	1RB#0	18.06	19.71	30	PASS
Band4	15MHz	256QAM	20325	1RB#38	18.14	19.79	30	PASS
Band4	15MHz	256QAM	20325	1RB#74	18.16	19.81	30	PASS
Band4	15MHz	256QAM	20325	75RB#0	18.15	19.8	30	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.71	24.36	30	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.98	24.63	30	PASS
Band4	20MHz	QPSK	20050	1RB#99	23.03	24.68	30	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.88	23.53	30	PASS
Band4	20MHz	QPSK	20175	1RB#0	23.25	24.9	30	PASS
Band4	20MHz	QPSK	20175	1RB#49	23.08	24.73	30	PASS
Band4	20MHz	QPSK	20175	1RB#99	23.12	24.77	30	PASS
Band4	20MHz	QPSK	20175	100RB#0	22.08	23.73	30	PASS
Band4	20MHz	QPSK	20300	1RB#0	23.44	25.09	30	PASS
Band4	20MHz	QPSK	20300	1RB#49	23.15	24.8	30	PASS
Band4	20MHz	QPSK	20300	1RB#99	23.07	24.72	30	PASS



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Wireless Laboratory

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Band4	20MHz	QPSK	20300	100RB#0	22.14	23.79	30	PASS
Band4	20MHz	16QAM	20050	1RB#0	21.77	23.42	30	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.99	23.64	30	PASS
Band4	20MHz	16QAM	20050	1RB#99	22.25	23.9	30	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.94	22.59	30	PASS
Band4	20MHz	16QAM	20175	1RB#0	22.13	23.78	30	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.34	23.99	30	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.29	23.94	30	PASS
Band4	20MHz	16QAM	20175	100RB#0	21.13	22.78	30	PASS
Band4	20MHz	16QAM	20300	1RB#0	22.01	23.66	30	PASS
Band4	20MHz	16QAM	20300	1RB#49	22.27	23.92	30	PASS
Band4	20MHz	16QAM	20300	1RB#99	22.22	23.87	30	PASS
Band4	20MHz	16QAM	20300	100RB#0	21.16	22.81	30	PASS
Band4	20MHz	64QAM	20050	1RB#0	20.86	22.51	30	PASS
Band4	20MHz	64QAM	20050	1RB#49	21.12	22.77	30	PASS
Band4	20MHz	64QAM	20050	1RB#99	21.21	22.86	30	PASS
Band4	20MHz	64QAM	20050	100RB#0	19.92	21.57	30	PASS
Band4	20MHz	64QAM	20175	1RB#0	21.01	22.66	30	PASS
Band4	20MHz	64QAM	20175	1RB#49	21.26	22.91	30	PASS
Band4	20MHz	64QAM	20175	1RB#99	21.2	22.85	30	PASS
Band4	20MHz	64QAM	20175	100RB#0	20.07	21.72	30	PASS
Band4	20MHz	64QAM	20300	1RB#0	21.04	22.69	30	PASS
Band4	20MHz	64QAM	20300	1RB#49	21.2	22.85	30	PASS
Band4	20MHz	64QAM	20300	1RB#99	21.33	22.98	30	PASS
Band4	20MHz	64QAM	20300	100RB#0	20.19	21.84	30	PASS
Band4	20MHz	256QAM	20050	1RB#0	17.98	19.63	30	PASS
Band4	20MHz	256QAM	20050	1RB#49	18.21	19.86	30	PASS
Band4	20MHz	256QAM	20050	1RB#99	18.11	19.76	30	PASS
Band4	20MHz	256QAM	20050	100RB#0	18	19.65	30	PASS
Band4	20MHz	256QAM	20175	1RB#0	18.12	19.77	30	PASS
Band4	20MHz	256QAM	20175	1RB#49	18.35	20	30	PASS
Band4	20MHz	256QAM	20175	1RB#99	18.12	19.77	30	PASS



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Band4	20MHz	256QAM	20175	100RB#0	18.07	19.72	30	PASS
Band4	20MHz	256QAM	20300	1RB#0	18.12	19.77	30	PASS
Band4	20MHz	256QAM	20300	1RB#49	18.32	19.97	30	PASS
Band4	20MHz	256QAM	20300	1RB#99	18.27	19.92	30	PASS
Band4	20MHz	256QAM	20300	100RB#0	18.09	19.74	30	PASS



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Field Strength of Spurious Radiation

Test Band = LTE Band4_ TM1

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3422.1800	46.52	-46.28	29.45	-65.57	-13.00	52.57	142	284	Horizontal
2	5133.2700	40.86	-45.34	32.95	-66.79	-13.00	53.79	159	14	Horizontal
3	6844.3600	39.94	-44.14	35.89	-63.57	-13.00	50.57	143	313	Horizontal
4	8555.4500	38.38	-41.46	37.66	-60.68	-13.00	47.68	236	224	Horizontal
5	10266.5400	34.98	-39.23	38.83	-60.68	-13.00	47.68	256	360	Horizontal
6	11977.6300	33.77	-37.51	38.95	-60.06	-13.00	47.06	145	60	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3422.1800	48.28	-46.28	29.45	-63.81	-13.00	50.81	185	286	Vertical
2	5133.2700	40.77	-45.34	32.95	-66.88	-13.00	53.88	196	255	Vertical
3	6844.3600	40.77	-44.14	35.89	-62.74	-13.00	49.74	154	209	Vertical
4	8555.4500	37.90	-41.46	37.66	-61.16	-13.00	48.16	162	74	Vertical
5	10266.5400	35.16	-39.23	38.83	-60.50	-13.00	47.50	133	121	Vertical
6	11977.6300	33.07	-37.51	38.95	-60.76	-13.00	47.76	230	104	Vertical



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Test Band = LTE Band4_ TM1

Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3447.1800	42.76	-46.27	29.47	-69.30	-13.00	56.30	154	16	Horizontal
2	5170.7700	41.12	-45.31	32.97	-66.47	-13.00	53.47	185	360	Horizontal
3	6894.3600	40.27	-44.10	35.95	-63.14	-13.00	50.14	174	212	Horizontal
4	8617.9500	38.12	-41.40	37.78	-60.76	-13.00	47.76	120	136	Horizontal
5	10341.5400	35.29	-39.06	38.85	-60.18	-13.00	47.18	126	46	Horizontal
6	12065.1300	32.83	-37.44	39.02	-60.85	-13.00	47.85	165	136	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3447.1800	42.97	-46.27	29.47	-69.09	-13.00	56.09	186	314	Vertical
2	5170.7700	40.68	-45.31	32.97	-66.91	-13.00	53.91	142	331	Vertical
3	6894.3600	41.40	-44.10	35.95	-62.01	-13.00	49.01	196	359	Vertical
4	8617.9500	38.61	-41.40	37.78	-60.27	-13.00	47.27	255	227	Vertical
5	10341.5400	34.99	-39.06	38.85	-60.48	-13.00	47.48	142	331	Vertical
6	12065.1300	33.26	-37.44	39.02	-60.42	-13.00	47.42	139	286	Vertical



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Test Band = LTE Band4_ TM1

Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3472.1800	45.32	-46.27	29.50	-66.71	-13.00	53.71	145	180	Horizontal
2	5208.2700	41.13	-45.26	32.98	-66.41	-13.00	53.41	195	57	Horizontal
3	6944.3600	39.79	-43.85	36.01	-63.31	-13.00	50.31	184	195	Horizontal
4	8680.4500	38.73	-41.62	37.88	-60.27	-13.00	47.27	175	4	Horizontal
5	10416.5400	34.17	-38.97	38.88	-61.19	-13.00	48.19	196	226	Horizontal
6	12152.6300	33.65	-37.42	39.09	-59.94	-13.00	46.94	185	134	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3472.1800	47.32	-46.27	29.50	-64.71	-13.00	51.71	216	268	Vertical
2	5208.2700	40.64	-45.26	32.98	-66.90	-13.00	53.90	142	222	Vertical
3	6944.3600	40.50	-43.85	36.01	-62.60	-13.00	49.60	133	296	Vertical
4	8680.4500	38.44	-41.62	37.88	-60.56	-13.00	47.56	222	73	Vertical
5	10416.5400	33.69	-38.97	38.88	-61.67	-13.00	48.67	196	206	Vertical
6	12152.6300	33.43	-37.42	39.09	-60.16	-13.00	47.16	142	222	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Pre-amplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

---End of Attachment---



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