

Appendix B.3

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	22.58	25.44	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	22.59	25.45	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.22	25.08	30	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.61	24.47	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	21.51	24.37	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.38	25.24	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	21.96	24.82	30	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.52	24.38	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	21.52	24.38	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.03	24.89	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.01	24.87	30	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	21.5	24.36	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	21.74	24.6	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	21.67	24.53	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	21.19	24.05	30	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	20.76	23.62	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.6	24.46	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	21.14	24	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	21.1	23.96	30	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.68	23.54	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	21.66	24.52	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.15	24.01	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.09	23.95	30	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.68	23.54	30	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	20.92	23.78	30	PASS
Band4	1.4MHz	64QAM	19957	1RB#2	20.48	23.34	30	PASS
Band4	1.4MHz	64QAM	19957	1RB#5	20.38	23.24	30	PASS



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Band4	1.4MHz	64QAM	19957	6RB#0	19.74	22.6	30	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	20.87	23.73	30	PASS
Band4	1.4MHz	64QAM	20175	1RB#2	20.37	23.23	30	PASS
Band4	1.4MHz	64QAM	20175	1RB#5	20.33	23.19	30	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	19.67	22.53	30	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	20.32	23.18	30	PASS
Band4	1.4MHz	64QAM	20393	1RB#2	20.35	23.21	30	PASS
Band4	1.4MHz	64QAM	20393	1RB#5	20.31	23.17	30	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	19.63	22.49	30	PASS
Band4	1.4MHz	256QAM	19957	1RB#0	17.79	20.65	30	PASS
Band4	1.4MHz	256QAM	19957	1RB#2	17.8	20.66	30	PASS
Band4	1.4MHz	256QAM	19957	1RB#5	17.85	20.71	30	PASS
Band4	1.4MHz	256QAM	19957	6RB#0	17.68	20.54	30	PASS
Band4	1.4MHz	256QAM	20175	1RB#0	17.71	20.57	30	PASS
Band4	1.4MHz	256QAM	20175	1RB#2	17.76	20.62	30	PASS
Band4	1.4MHz	256QAM	20175	1RB#5	17.68	20.54	30	PASS
Band4	1.4MHz	256QAM	20175	6RB#0	17.59	20.45	30	PASS
Band4	1.4MHz	256QAM	20393	1RB#0	17.71	20.57	30	PASS
Band4	1.4MHz	256QAM	20393	1RB#2	17.67	20.53	30	PASS
Band4	1.4MHz	256QAM	20393	1RB#5	17.67	20.53	30	PASS
Band4	1.4MHz	256QAM	20393	6RB#0	17.58	20.44	30	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.57	25.43	30	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.54	25.4	30	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.05	24.91	30	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.58	24.44	30	PASS
Band4	3MHz	QPSK	20175	1RB#0	20.29	23.15	30	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.46	25.32	30	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.36	25.22	30	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.48	24.34	30	PASS
Band4	3MHz	QPSK	20385	1RB#0	20.95	23.81	30	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.03	24.89	30	PASS
Band4	3MHz	QPSK	20385	1RB#14	21.97	24.83	30	PASS



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Band4	3MHz	QPSK	20385	15RB#0	21.51	24.37	30	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.71	24.57	30	PASS
Band4	3MHz	16QAM	19965	1RB#8	21.7	24.56	30	PASS
Band4	3MHz	16QAM	19965	1RB#14	21.3	24.16	30	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.76	23.62	30	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.62	24.48	30	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.1	23.96	30	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.1	23.96	30	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.61	23.47	30	PASS
Band4	3MHz	16QAM	20385	1RB#0	21.61	24.47	30	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.61	24.47	30	PASS
Band4	3MHz	16QAM	20385	1RB#14	21.09	23.95	30	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.66	23.52	30	PASS
Band4	3MHz	64QAM	19965	1RB#0	20.92	23.78	30	PASS
Band4	3MHz	64QAM	19965	1RB#8	20.92	23.78	30	PASS
Band4	3MHz	64QAM	19965	1RB#14	20.41	23.27	30	PASS
Band4	3MHz	64QAM	19965	15RB#0	19.77	22.63	30	PASS
Band4	3MHz	64QAM	20175	1RB#0	20.72	23.58	30	PASS
Band4	3MHz	64QAM	20175	1RB#8	20.33	23.19	30	PASS
Band4	3MHz	64QAM	20175	1RB#14	20.32	23.18	30	PASS
Band4	3MHz	64QAM	20175	15RB#0	19.66	22.52	30	PASS
Band4	3MHz	64QAM	20385	1RB#0	20.84	23.7	30	PASS
Band4	3MHz	64QAM	20385	1RB#8	20.31	23.17	30	PASS
Band4	3MHz	64QAM	20385	1RB#14	20.35	23.21	30	PASS
Band4	3MHz	64QAM	20385	15RB#0	19.71	22.57	30	PASS
Band4	3MHz	256QAM	19965	1RB#0	17.83	20.69	30	PASS
Band4	3MHz	256QAM	19965	1RB#8	17.76	20.62	30	PASS
Band4	3MHz	256QAM	19965	1RB#14	17.72	20.58	30	PASS
Band4	3MHz	256QAM	19965	15RB#0	17.74	20.6	30	PASS
Band4	3MHz	256QAM	20175	1RB#0	17.73	20.59	30	PASS
Band4	3MHz	256QAM	20175	1RB#8	17.69	20.55	30	PASS
Band4	3MHz	256QAM	20175	1RB#14	17.73	20.59	30	PASS



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Band4	3MHz	256QAM	20175	15RB#0	17.6	20.46	30	PASS
Band4	3MHz	256QAM	20385	1RB#0	17.67	20.53	30	PASS
Band4	3MHz	256QAM	20385	1RB#8	17.73	20.59	30	PASS
Band4	3MHz	256QAM	20385	1RB#14	17.69	20.55	30	PASS
Band4	3MHz	256QAM	20385	15RB#0	17.63	20.49	30	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.61	25.47	30	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.65	25.51	30	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.18	25.04	30	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.59	24.45	30	PASS
Band4	5MHz	QPSK	20175	1RB#0	21.29	24.15	30	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.6	25.46	30	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.07	24.93	30	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.53	24.39	30	PASS
Band4	5MHz	QPSK	20375	1RB#0	21.2	24.06	30	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.32	25.18	30	PASS
Band4	5MHz	QPSK	20375	1RB#24	22.06	24.92	30	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.53	24.39	30	PASS
Band4	5MHz	16QAM	19975	1RB#0	21.73	24.59	30	PASS
Band4	5MHz	16QAM	19975	1RB#12	21.72	24.58	30	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.72	24.58	30	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.75	23.61	30	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.64	24.5	30	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.17	24.03	30	PASS
Band4	5MHz	16QAM	20175	1RB#24	21.13	23.99	30	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.72	23.58	30	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.58	24.44	30	PASS
Band4	5MHz	16QAM	20375	1RB#12	21.23	24.09	30	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.13	23.99	30	PASS
Band4	5MHz	16QAM	20375	25RB#0	20.73	23.59	30	PASS
Band4	5MHz	64QAM	19975	1RB#0	20.94	23.8	30	PASS
Band4	5MHz	64QAM	19975	1RB#12	20.94	23.8	30	PASS
Band4	5MHz	64QAM	19975	1RB#24	20.37	23.23	30	PASS



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Band4	5MHz	64QAM	19975	25RB#0	19.74	22.6	30	PASS
Band4	5MHz	64QAM	20175	1RB#0	20.87	23.73	30	PASS
Band4	5MHz	64QAM	20175	1RB#12	20.36	23.22	30	PASS
Band4	5MHz	64QAM	20175	1RB#24	20.34	23.2	30	PASS
Band4	5MHz	64QAM	20175	25RB#0	19.72	22.58	30	PASS
Band4	5MHz	64QAM	20375	1RB#0	20.77	23.63	30	PASS
Band4	5MHz	64QAM	20375	1RB#12	20.35	23.21	30	PASS
Band4	5MHz	64QAM	20375	1RB#24	20.36	23.22	30	PASS
Band4	5MHz	64QAM	20375	25RB#0	19.7	22.56	30	PASS
Band4	5MHz	256QAM	19975	1RB#0	17.83	20.69	30	PASS
Band4	5MHz	256QAM	19975	1RB#12	17.77	20.63	30	PASS
Band4	5MHz	256QAM	19975	1RB#24	17.85	20.71	30	PASS
Band4	5MHz	256QAM	19975	25RB#0	17.76	20.62	30	PASS
Band4	5MHz	256QAM	20175	1RB#0	17.79	20.65	30	PASS
Band4	5MHz	256QAM	20175	1RB#12	17.75	20.61	30	PASS
Band4	5MHz	256QAM	20175	1RB#24	17.66	20.52	30	PASS
Band4	5MHz	256QAM	20175	25RB#0	17.67	20.53	30	PASS
Band4	5MHz	256QAM	20375	1RB#0	17.67	20.53	30	PASS
Band4	5MHz	256QAM	20375	1RB#12	17.71	20.57	30	PASS
Band4	5MHz	256QAM	20375	1RB#24	17.75	20.61	30	PASS
Band4	5MHz	256QAM	20375	25RB#0	17.68	20.54	30	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.55	25.41	30	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.62	25.48	30	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.04	24.9	30	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.62	24.48	30	PASS
Band4	10MHz	QPSK	20175	1RB#0	21.19	24.05	30	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.57	25.43	30	PASS
Band4	10MHz	QPSK	20175	1RB#49	21.97	24.83	30	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.58	24.44	30	PASS
Band4	10MHz	QPSK	20350	1RB#0	21.9	24.76	30	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.52	25.38	30	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.23	25.09	30	PASS



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Band4	10MHz	QPSK	20350	50RB#0	21.51	24.37	30	PASS
Band4	10MHz	16QAM	20000	1RB#0	21.69	24.55	30	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.48	24.34	30	PASS
Band4	10MHz	16QAM	20000	1RB#49	21.17	24.03	30	PASS
Band4	10MHz	16QAM	20000	50RB#0	20.76	23.62	30	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.6	24.46	30	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.63	24.49	30	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.14	24	30	PASS
Band4	10MHz	16QAM	20175	50RB#0	20.7	23.56	30	PASS
Band4	10MHz	16QAM	20350	1RB#0	21.48	24.34	30	PASS
Band4	10MHz	16QAM	20350	1RB#24	21.23	24.09	30	PASS
Band4	10MHz	16QAM	20350	1RB#49	21.1	23.96	30	PASS
Band4	10MHz	16QAM	20350	50RB#0	20.63	23.49	30	PASS
Band4	10MHz	64QAM	20000	1RB#0	20.89	23.75	30	PASS
Band4	10MHz	64QAM	20000	1RB#24	20.47	23.33	30	PASS
Band4	10MHz	64QAM	20000	1RB#49	20.43	23.29	30	PASS
Band4	10MHz	64QAM	20000	50RB#0	19.77	22.63	30	PASS
Band4	10MHz	64QAM	20175	1RB#0	20.82	23.68	30	PASS
Band4	10MHz	64QAM	20175	1RB#24	20.39	23.25	30	PASS
Band4	10MHz	64QAM	20175	1RB#49	20.33	23.19	30	PASS
Band4	10MHz	64QAM	20175	50RB#0	19.7	22.56	30	PASS
Band4	10MHz	64QAM	20350	1RB#0	20.69	23.55	30	PASS
Band4	10MHz	64QAM	20350	1RB#24	20.81	23.67	30	PASS
Band4	10MHz	64QAM	20350	1RB#49	20.66	23.52	30	PASS
Band4	10MHz	64QAM	20350	50RB#0	19.61	22.47	30	PASS
Band4	10MHz	256QAM	20000	1RB#0	17.71	20.57	30	PASS
Band4	10MHz	256QAM	20000	1RB#24	17.8	20.66	30	PASS
Band4	10MHz	256QAM	20000	1RB#49	17.78	20.64	30	PASS
Band4	10MHz	256QAM	20000	50RB#0	17.72	20.58	30	PASS
Band4	10MHz	256QAM	20175	1RB#0	17.74	20.6	30	PASS
Band4	10MHz	256QAM	20175	1RB#24	17.78	20.64	30	PASS
Band4	10MHz	256QAM	20175	1RB#49	17.68	20.54	30	PASS



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Band4	10MHz	256QAM	20175	50RB#0	17.65	20.51	30	PASS
Band4	10MHz	256QAM	20350	1RB#0	17.59	20.45	30	PASS
Band4	10MHz	256QAM	20350	1RB#24	17.66	20.52	30	PASS
Band4	10MHz	256QAM	20350	1RB#49	17.65	20.51	30	PASS
Band4	10MHz	256QAM	20350	50RB#0	17.6	20.46	30	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.45	25.31	30	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.55	25.41	30	PASS
Band4	15MHz	QPSK	20025	1RB#74	22	24.86	30	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.56	24.42	30	PASS
Band4	15MHz	QPSK	20175	1RB#0	21.22	24.08	30	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.52	25.38	30	PASS
Band4	15MHz	QPSK	20175	1RB#74	21.99	24.85	30	PASS
Band4	15MHz	QPSK	20175	75RB#0	21.57	24.43	30	PASS
Band4	15MHz	QPSK	20325	1RB#0	21.06	23.92	30	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.44	25.3	30	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.19	25.05	30	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.43	24.29	30	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.64	24.5	30	PASS
Band4	15MHz	16QAM	20025	1RB#38	21.29	24.15	30	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.15	24.01	30	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.67	23.53	30	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.56	24.42	30	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.72	24.58	30	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.08	23.94	30	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.65	23.51	30	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.49	24.35	30	PASS
Band4	15MHz	16QAM	20325	1RB#38	21.34	24.2	30	PASS
Band4	15MHz	16QAM	20325	1RB#74	21.13	23.99	30	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.6	23.46	30	PASS
Band4	15MHz	64QAM	20025	1RB#0	20.84	23.7	30	PASS
Band4	15MHz	64QAM	20025	1RB#38	20.87	23.73	30	PASS
Band4	15MHz	64QAM	20025	1RB#74	20.37	23.23	30	PASS



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Band4	15MHz	64QAM	20025	75RB#0	19.68	22.54	30	PASS
Band4	15MHz	64QAM	20175	1RB#0	20.79	23.65	30	PASS
Band4	15MHz	64QAM	20175	1RB#38	20.28	23.14	30	PASS
Band4	15MHz	64QAM	20175	1RB#74	20.33	23.19	30	PASS
Band4	15MHz	64QAM	20175	75RB#0	19.66	22.52	30	PASS
Band4	15MHz	64QAM	20325	1RB#0	20.73	23.59	30	PASS
Band4	15MHz	64QAM	20325	1RB#38	20.3	23.16	30	PASS
Band4	15MHz	64QAM	20325	1RB#74	20.37	23.23	30	PASS
Band4	15MHz	64QAM	20325	75RB#0	19.63	22.49	30	PASS
Band4	15MHz	256QAM	20025	1RB#0	17.76	20.62	30	PASS
Band4	15MHz	256QAM	20025	1RB#38	17.76	20.62	30	PASS
Band4	15MHz	256QAM	20025	1RB#74	17.75	20.61	30	PASS
Band4	15MHz	256QAM	20025	75RB#0	17.66	20.52	30	PASS
Band4	15MHz	256QAM	20175	1RB#0	17.58	20.44	30	PASS
Band4	15MHz	256QAM	20175	1RB#38	17.74	20.6	30	PASS
Band4	15MHz	256QAM	20175	1RB#74	17.67	20.53	30	PASS
Band4	15MHz	256QAM	20175	75RB#0	17.63	20.49	30	PASS
Band4	15MHz	256QAM	20325	1RB#0	17.55	20.41	30	PASS
Band4	15MHz	256QAM	20325	1RB#38	17.66	20.52	30	PASS
Band4	15MHz	256QAM	20325	1RB#74	17.72	20.58	30	PASS
Band4	15MHz	256QAM	20325	75RB#0	17.58	20.44	30	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.44	25.3	30	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.57	25.43	30	PASS
Band4	20MHz	QPSK	20050	1RB#99	22	24.86	30	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.51	24.37	30	PASS
Band4	20MHz	QPSK	20175	1RB#0	21.18	24.04	30	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.52	25.38	30	PASS
Band4	20MHz	QPSK	20175	1RB#99	21.94	24.8	30	PASS
Band4	20MHz	QPSK	20175	100RB#0	21.58	24.44	30	PASS
Band4	20MHz	QPSK	20300	1RB#0	21.92	24.78	30	PASS
Band4	20MHz	QPSK	20300	1RB#49	21.99	24.85	30	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.09	24.95	30	PASS



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Band4	20MHz	QPSK	20300	100RB#0	21.43	24.29	30	PASS
Band4	20MHz	16QAM	20050	1RB#0	21.57	24.43	30	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.42	24.28	30	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.1	23.96	30	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.65	23.51	30	PASS
Band4	20MHz	16QAM	20175	1RB#0	21.04	23.9	30	PASS
Band4	20MHz	16QAM	20175	1RB#49	21.12	23.98	30	PASS
Band4	20MHz	16QAM	20175	1RB#99	21.06	23.92	30	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.69	23.55	30	PASS
Band4	20MHz	16QAM	20300	1RB#0	21.46	24.32	30	PASS
Band4	20MHz	16QAM	20300	1RB#49	21.25	24.11	30	PASS
Band4	20MHz	16QAM	20300	1RB#99	21.3	24.16	30	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.57	23.43	30	PASS
Band4	20MHz	64QAM	20050	1RB#0	20.73	23.59	30	PASS
Band4	20MHz	64QAM	20050	1RB#49	20.39	23.25	30	PASS
Band4	20MHz	64QAM	20050	1RB#99	20.33	23.19	30	PASS
Band4	20MHz	64QAM	20050	100RB#0	19.63	22.49	30	PASS
Band4	20MHz	64QAM	20175	1RB#0	20.66	23.52	30	PASS
Band4	20MHz	64QAM	20175	1RB#49	20.4	23.26	30	PASS
Band4	20MHz	64QAM	20175	1RB#99	20.34	23.2	30	PASS
Band4	20MHz	64QAM	20175	100RB#0	19.7	22.56	30	PASS
Band4	20MHz	64QAM	20300	1RB#0	20.69	23.55	30	PASS
Band4	20MHz	64QAM	20300	1RB#49	20.32	23.18	30	PASS
Band4	20MHz	64QAM	20300	1RB#99	20.32	23.18	30	PASS
Band4	20MHz	64QAM	20300	100RB#0	19.58	22.44	30	PASS
Band4	20MHz	256QAM	20050	1RB#0	17.64	20.5	30	PASS
Band4	20MHz	256QAM	20050	1RB#49	17.75	20.61	30	PASS
Band4	20MHz	256QAM	20050	1RB#99	17.76	20.62	30	PASS
Band4	20MHz	256QAM	20050	100RB#0	17.6	20.46	30	PASS
Band4	20MHz	256QAM	20175	1RB#0	17.6	20.46	30	PASS
Band4	20MHz	256QAM	20175	1RB#49	17.77	20.63	30	PASS
Band4	20MHz	256QAM	20175	1RB#99	17.64	20.5	30	PASS



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Band4	20MHz	256QAM	20175	100RB#0	17.64	20.5	30	PASS
Band4	20MHz	256QAM	20300	1RB#0	17.55	20.41	30	PASS
Band4	20MHz	256QAM	20300	1RB#49	17.73	20.59	30	PASS
Band4	20MHz	256QAM	20300	1RB#99	17.69	20.55	30	PASS
Band4	20MHz	256QAM	20300	100RB#0	17.49	20.35	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	41.88	-46.28	29.45	-70.21	-13.00	57.21	236	288	Horizontal
2	5133.2700	39.29	-45.34	32.95	-68.36	-13.00	55.36	215	259	Horizontal
3	6844.3600	39.85	-44.14	35.89	-63.66	-13.00	50.66	145	336	Horizontal
4	8555.4500	37.76	-41.46	37.66	-61.30	-13.00	48.30	169	259	Horizontal
5	10266.5400	33.89	-39.23	38.83	-61.77	-13.00	48.77	192	259	Horizontal
6	11977.6300	31.74	-37.51	38.95	-62.09	-13.00	49.09	174	243	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	43.04	-46.28	29.45	-69.05	-13.00	56.05	258	3	Vertical
2	5133.2700	40.09	-45.34	32.95	-67.56	-13.00	54.56	147	270	Vertical
3	6844.3600	40.34	-44.14	35.89	-63.17	-13.00	50.17	159	256	Vertical
4	8555.4500	37.34	-41.46	37.66	-61.72	-13.00	48.72	136	353	Vertical
5	10266.5400	34.58	-39.23	38.83	-61.08	-13.00	48.08	256	104	Vertical
6	11977.6300	31.97	-37.51	38.95	-61.86	-13.00	48.86	291	13	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	42.10	-46.27	29.47	-69.96	-13.00	56.96	254	44	Horizontal
2	5170.7700	39.67	-45.31	32.97	-67.92	-13.00	54.92	174	244	Horizontal
3	6894.3600	40.05	-44.10	35.95	-63.36	-13.00	50.36	185	360	Horizontal
4	8617.9500	37.25	-41.40	37.78	-61.63	-13.00	48.63	155	44	Horizontal
5	10341.5400	34.73	-39.06	38.85	-60.74	-13.00	47.74	123	182	Horizontal
6	12065.1300	32.19	-37.44	39.02	-61.49	-13.00	48.49	291	258	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	42.19	-46.27	29.47	-69.87	-13.00	56.87	246	92	Vertical
2	5170.7700	41.67	-45.31	32.97	-65.92	-13.00	52.92	128	359	Vertical
3	6894.3600	39.62	-44.10	35.95	-63.79	-13.00	50.79	196	337	Vertical
4	8617.9500	37.87	-41.40	37.78	-61.01	-13.00	48.01	135	355	Vertical
5	10341.5400	34.21	-39.06	38.85	-61.26	-13.00	48.26	172	320	Vertical
6	12065.1300	32.11	-37.44	39.02	-61.57	-13.00	48.57	288	261	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	42.16	-46.27	29.50	-69.87	-13.00	56.87	236	30	Horizontal
2	5208.2700	40.44	-45.26	32.98	-67.10	-13.00	54.10	215	167	Horizontal
3	6944.3600	39.53	-43.85	36.01	-63.57	-13.00	50.57	195	167	Horizontal
4	8680.4500	37.73	-41.62	37.88	-61.27	-13.00	48.27	175	227	Horizontal
5	10416.5400	33.17	-38.97	38.88	-62.19	-13.00	49.19	148	77	Horizontal
6	12152.6300	32.73	-37.42	39.09	-60.86	-13.00	47.86	128	91	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	42.38	-46.27	29.50	-69.65	-13.00	56.65	233	360	Vertical
2	5208.2700	40.12	-45.26	32.98	-67.42	-13.00	54.42	265	30	Vertical
3	6944.3600	39.37	-43.85	36.01	-63.73	-13.00	50.73	299	4	Vertical
4	8680.4500	37.52	-41.62	37.88	-61.48	-13.00	48.48	145	261	Vertical
5	10416.5400	33.47	-38.97	38.88	-61.89	-13.00	48.89	220	198	Vertical
6	12152.6300	32.99	-37.42	39.09	-60.60	-13.00	47.60	215	360	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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