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Appendix B.19

LTE CA_7C



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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
7-7	10MHz-20MHz	QPSK-QPSK	20805-20949	1RB#0-0RB#0	22.97	24.88	33	PASS
7-7	10MHz-20MHz	QPSK-QPSK	20805-20949	50RB#0-100RB#0	21.88	23.79	33	PASS
7-7	10MHz-20MHz	QPSK-QPSK	21006-21150	1RB#0-0RB#0	23.1	25.01	33	PASS
7-7	10MHz-20MHz	QPSK-QPSK	21006-21150	50RB#0-100RB#0	21.67	23.58	33	PASS
7-7	10MHz-20MHz	QPSK-QPSK	21206-21350	1RB#0-0RB#0	23.18	25.09	33	PASS
7-7	10MHz-20MHz	QPSK-QPSK	21206-21350	50RB#0-100RB#0	21.94	23.85	33	PASS
7-7	10MHz-20MHz	16QAM-16QAM	20805-20949	1RB#0-0RB#0	22.26	24.17	33	PASS
7-7	10MHz-20MHz	16QAM-16QAM	20805-20949	50RB#0-100RB#0	20.82	22.73	33	PASS
7-7	10MHz-20MHz	16QAM-16QAM	21006-21150	1RB#0-0RB#0	22.18	24.09	33	PASS
7-7	10MHz-20MHz	16QAM-16QAM	21006-21150	50RB#0-100RB#0	20.69	22.6	33	PASS
7-7	10MHz-20MHz	16QAM-16QAM	21206-21350	1RB#0-0RB#0	22.23	24.14	33	PASS
7-7	10MHz-20MHz	16QAM-16QAM	21206-21350	50RB#0-100RB#0	20.93	22.84	33	PASS
7-7	10MHz-20MHz	64QAM-64QAM	20805-20949	1RB#0-0RB#0	21.37	23.28	33	PASS
7-7	10MHz-20MHz	64QAM-64QAM	20805-20949	50RB#0-100RB#0	20.1	22.01	33	PASS
7-7	10MHz-20MHz	64QAM-64QAM	21006-21150	1RB#0-0RB#0	21.47	23.38	33	PASS
7-7	10MHz-20MHz	64QAM-64QAM	21006-21150	50RB#0-100RB#0	20.38	22.29	33	PASS
7-7	10MHz-20MHz	64QAM-64QAM	21206-21350	1RB#0-0RB#0	21.53	23.44	33	PASS
7-7	10MHz-20MHz	64QAM-64QAM	21206-21350	50RB#0-100RB#0	20.83	22.74	33	PASS
7-7	10MHz-20MHz	256QAM-256QAM	20805-20949	1RB#0-0RB#0	18.32	20.23	33	PASS
7-7	10MHz-20MHz	256QAM-256QAM	20805-20949	50RB#0-100RB#0	18.89	20.8	33	PASS
7-7	10MHz-20MHz	256QAM-256QAM	21006-21150	1RB#0-0RB#0	19.36	21.27	33	PASS
7-7	10MHz-20MHz	256QAM-256QAM	21006-21150	50RB#0-100RB#0	18.68	20.59	33	PASS
7-7	10MHz-20MHz	256QAM-256QAM	21206-21350	1RB#0-0RB#0	18.46	20.37	33	PASS
7-7	10MHz-20MHz	256QAM-256QAM	21206-21350	50RB#0-100RB#0	19.02	20.93	33	PASS
7-7	15MHz-10MHz	QPSK-QPSK	20825-20945	1RB#0-0RB#0	23	24.91	33	PASS
7-7	15MHz-10MHz	QPSK-QPSK	20825-20945	75RB#0-50RB#0	21.86	23.77	33	PASS
7-7	15MHz-10MHz	QPSK-QPSK	21051-21171	1RB#0-0RB#0	22.82	24.73	33	PASS
7-7	15MHz-10MHz	QPSK-QPSK	21051-21171	75RB#0-50RB#0	21.83	23.74	33	PASS



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7-7	15MHz-10MHz	QPSK-QPSK	21277-21397	1RB#0-0RB#0	22.99	24.9	33	PASS
7-7	15MHz-10MHz	QPSK-QPSK	21277-21397	75RB#0-50RB#0	21.93	23.84	33	PASS
7-7	15MHz-10MHz	16QAM-16QAM	20825-20945	1RB#0-0RB#0	22.17	24.08	33	PASS
7-7	15MHz-10MHz	16QAM-16QAM	20825-20945	75RB#0-50RB#0	20.84	22.75	33	PASS
7-7	15MHz-10MHz	16QAM-16QAM	21051-21171	1RB#0-0RB#0	22.28	24.19	33	PASS
7-7	15MHz-10MHz	16QAM-16QAM	21051-21171	75RB#0-50RB#0	20.85	22.76	33	PASS
7-7	15MHz-10MHz	16QAM-16QAM	21277-21397	1RB#0-0RB#0	22.54	24.45	33	PASS
7-7	15MHz-10MHz	16QAM-16QAM	21277-21397	75RB#0-50RB#0	20.9	22.81	33	PASS
7-7	15MHz-10MHz	64QAM-64QAM	20825-20945	1RB#0-0RB#0	21.49	23.4	33	PASS
7-7	15MHz-10MHz	64QAM-64QAM	20825-20945	75RB#0-50RB#0	20.24	22.15	33	PASS
7-7	15MHz-10MHz	64QAM-64QAM	21051-21171	1RB#0-0RB#0	21.33	23.24	33	PASS
7-7	15MHz-10MHz	64QAM-64QAM	21051-21171	75RB#0-50RB#0	20.39	22.3	33	PASS
7-7	15MHz-10MHz	64QAM-64QAM	21277-21397	1RB#0-0RB#0	21.32	23.23	33	PASS
7-7	15MHz-10MHz	64QAM-64QAM	21277-21397	75RB#0-50RB#0	21	22.91	33	PASS
7-7	15MHz-10MHz	256QAM-256QAM	20825-20945	1RB#0-0RB#0	18.42	20.33	33	PASS
7-7	15MHz-10MHz	256QAM-256QAM	20825-20945	75RB#0-50RB#0	18.84	20.75	33	PASS
7-7	15MHz-10MHz	256QAM-256QAM	21051-21171	1RB#0-0RB#0	18.38	20.29	33	PASS
7-7	15MHz-10MHz	256QAM-256QAM	21051-21171	75RB#0-50RB#0	18.85	20.76	33	PASS
7-7	15MHz-10MHz	256QAM-256QAM	21277-21397	1RB#0-0RB#0	18.39	20.3	33	PASS
7-7	15MHz-10MHz	256QAM-256QAM	21277-21397	75RB#0-50RB#0	18.93	20.84	33	PASS
7-7	15MHz-15MHz	QPSK-QPSK	20825-20975	1RB#0-0RB#0	22.92	24.83	33	PASS
7-7	15MHz-15MHz	QPSK-QPSK	20825-20975	75RB#0-75RB#0	21.89	23.8	33	PASS
7-7	15MHz-15MHz	QPSK-QPSK	21025-21175	1RB#0-0RB#0	22.99	24.9	33	PASS
7-7	15MHz-15MHz	QPSK-QPSK	21025-21175	75RB#0-75RB#0	21.9	23.81	33	PASS
7-7	15MHz-15MHz	QPSK-QPSK	21225-21375	1RB#0-0RB#0	23.09	25	33	PASS
7-7	15MHz-15MHz	QPSK-QPSK	21225-21375	75RB#0-75RB#0	21.93	23.84	33	PASS
7-7	15MHz-15MHz	16QAM-16QAM	20825-20975	1RB#0-0RB#0	22.56	24.47	33	PASS
7-7	15MHz-15MHz	16QAM-16QAM	20825-20975	75RB#0-75RB#0	20.93	22.84	33	PASS
7-7	15MHz-15MHz	16QAM-16QAM	21025-21175	1RB#0-0RB#0	22.15	24.06	33	PASS
7-7	15MHz-15MHz	16QAM-16QAM	21025-21175	75RB#0-75RB#0	20.88	22.79	33	PASS
7-7	15MHz-15MHz	16QAM-16QAM	21225-21375	1RB#0-0RB#0	22.3	24.21	33	PASS
7-7	15MHz-15MHz	16QAM-16QAM	21225-21375	75RB#0-75RB#0	20.98	22.89	33	PASS
7-7	15MHz-15MHz	64QAM-64QAM	20825-20975	1RB#0-0RB#0	21.41	23.32	33	PASS



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7-7	15MHz-15MHz	64QAM-64QAM	20825-20975	75RB#0-75RB#0	20.23	22.14	33	PASS
7-7	15MHz-15MHz	64QAM-64QAM	21025-21175	1RB#0-0RB#0	21.17	23.08	33	PASS
7-7	15MHz-15MHz	64QAM-64QAM	21025-21175	75RB#0-75RB#0	20.38	22.29	33	PASS
7-7	15MHz-15MHz	64QAM-64QAM	21225-21375	1RB#0-0RB#0	21.38	23.29	33	PASS
7-7	15MHz-15MHz	64QAM-64QAM	21225-21375	75RB#0-75RB#0	20.97	22.88	33	PASS
7-7	15MHz-15MHz	256QAM-256QAM	20825-20975	1RB#0-0RB#0	18.29	20.2	33	PASS
7-7	15MHz-15MHz	256QAM-256QAM	20825-20975	75RB#0-75RB#0	18.86	20.77	33	PASS
7-7	15MHz-15MHz	256QAM-256QAM	21025-21175	1RB#0-0RB#0	18.2	20.11	33	PASS
7-7	15MHz-15MHz	256QAM-256QAM	21025-21175	75RB#0-75RB#0	18.89	20.8	33	PASS
7-7	15MHz-15MHz	256QAM-256QAM	21225-21375	1RB#0-0RB#0	18.35	20.26	33	PASS
7-7	15MHz-15MHz	256QAM-256QAM	21225-21375	75RB#0-75RB#0	18.98	20.89	33	PASS
7-7	15MHz-20MHz	QPSK-QPSK	20828-20999	1RB#0-0RB#0	23.13	25.04	33	PASS
7-7	15MHz-20MHz	QPSK-QPSK	20828-20999	75RB#0-100RB#0	21.87	23.78	33	PASS
7-7	15MHz-20MHz	QPSK-QPSK	21003-21174	1RB#0-0RB#0	23	24.91	33	PASS
7-7	15MHz-20MHz	QPSK-QPSK	21003-21174	75RB#0-100RB#0	21.87	23.78	33	PASS
7-7	15MHz-20MHz	QPSK-QPSK	21179-21350	1RB#0-0RB#0	23.01	24.92	33	PASS
7-7	15MHz-20MHz	QPSK-QPSK	21179-21350	75RB#0-100RB#0	21.96	23.87	33	PASS
7-7	15MHz-20MHz	16QAM-16QAM	20828-20999	1RB#0-0RB#0	22.31	24.22	33	PASS
7-7	15MHz-20MHz	16QAM-16QAM	20828-20999	75RB#0-100RB#0	20.92	22.83	33	PASS
7-7	15MHz-20MHz	16QAM-16QAM	21003-21174	1RB#0-0RB#0	22.38	24.29	33	PASS
7-7	15MHz-20MHz	16QAM-16QAM	21003-21174	75RB#0-100RB#0	20.87	22.78	33	PASS
7-7	15MHz-20MHz	16QAM-16QAM	21179-21350	1RB#0-0RB#0	22.38	24.29	33	PASS
7-7	15MHz-20MHz	16QAM-16QAM	21179-21350	75RB#0-100RB#0	20.92	22.83	33	PASS
7-7	15MHz-20MHz	64QAM-64QAM	20828-20999	1RB#0-0RB#0	21.48	23.39	33	PASS
7-7	15MHz-20MHz	64QAM-64QAM	20828-20999	75RB#0-100RB#0	20.2	22.11	33	PASS
7-7	15MHz-20MHz	64QAM-64QAM	21003-21174	1RB#0-0RB#0	21.19	23.1	33	PASS
7-7	15MHz-20MHz	64QAM-64QAM	21003-21174	75RB#0-100RB#0	20.48	22.39	33	PASS
7-7	15MHz-20MHz	64QAM-64QAM	21179-21350	1RB#0-0RB#0	21.39	23.3	33	PASS
7-7	15MHz-20MHz	64QAM-64QAM	21179-21350	75RB#0-100RB#0	20.75	22.66	33	PASS
7-7	15MHz-20MHz	256QAM-256QAM	20828-20999	1RB#0-0RB#0	18.31	20.22	33	PASS
7-7	15MHz-20MHz	256QAM-256QAM	20828-20999	75RB#0-100RB#0	18.78	20.69	33	PASS
7-7	15MHz-20MHz	256QAM-256QAM	21003-21174	1RB#0-0RB#0	18.19	20.1	33	PASS
7-7	15MHz-20MHz	256QAM-256QAM	21003-21174	75RB#0-100RB#0	18.83	20.74	33	PASS



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7-7	15MHz-20MHz	256QAM-256QAM	21179-21350	1RB#0-0RB#0	18.19	20.1	33	PASS
7-7	15MHz-20MHz	256QAM-256QAM	21179-21350	75RB#0-100RB#0	18.95	20.86	33	PASS
7-7	20MHz-10MHz	QPSK-QPSK	20850-20994	100RB#0-50RB#0	21.91	23.82	33	PASS
7-7	20MHz-10MHz	QPSK-QPSK	20850-20994	1RB#0-0RB#0	23.02	24.93	33	PASS
7-7	20MHz-10MHz	QPSK-QPSK	21051-21195	100RB#0-50RB#0	21.81	23.72	33	PASS
7-7	20MHz-10MHz	QPSK-QPSK	21051-21195	1RB#0-0RB#0	20.95	22.86	33	PASS
7-7	20MHz-10MHz	QPSK-QPSK	21251-21395	100RB#0-50RB#0	21.94	23.85	33	PASS
7-7	20MHz-10MHz	QPSK-QPSK	21251-21395	1RB#0-0RB#0	23.08	24.99	33	PASS
7-7	20MHz-10MHz	16QAM-16QAM	20850-20994	100RB#0-50RB#0	20.88	22.79	33	PASS
7-7	20MHz-10MHz	16QAM-16QAM	20850-20994	1RB#0-0RB#0	22.33	24.24	33	PASS
7-7	20MHz-10MHz	16QAM-16QAM	21051-21195	100RB#0-50RB#0	20.79	22.7	33	PASS
7-7	20MHz-10MHz	16QAM-16QAM	21051-21195	1RB#0-0RB#0	22.14	24.05	33	PASS
7-7	20MHz-10MHz	16QAM-16QAM	21251-21395	100RB#0-50RB#0	20.94	22.85	33	PASS
7-7	20MHz-10MHz	16QAM-16QAM	21251-21395	1RB#0-0RB#0	22.23	24.14	33	PASS
7-7	20MHz-10MHz	64QAM-64QAM	20850-20994	100RB#0-50RB#0	20.34	22.25	33	PASS
7-7	20MHz-10MHz	64QAM-64QAM	20850-20994	1RB#0-0RB#0	21.39	23.3	33	PASS
7-7	20MHz-10MHz	64QAM-64QAM	21051-21195	100RB#0-50RB#0	20.36	22.27	33	PASS
7-7	20MHz-10MHz	64QAM-64QAM	21051-21195	1RB#0-0RB#0	21.15	23.06	33	PASS
7-7	20MHz-10MHz	64QAM-64QAM	21251-21395	100RB#0-50RB#0	21	22.91	33	PASS
7-7	20MHz-10MHz	64QAM-64QAM	21251-21395	1RB#0-0RB#0	21.47	23.38	33	PASS
7-7	20MHz-10MHz	256QAM-256QAM	20850-20994	100RB#0-50RB#0	18.89	20.8	33	PASS
7-7	20MHz-10MHz	256QAM-256QAM	20850-20994	1RB#0-0RB#0	18.41	20.32	33	PASS
7-7	20MHz-10MHz	256QAM-256QAM	21051-21195	100RB#0-50RB#0	18.82	20.73	33	PASS
7-7	20MHz-10MHz	256QAM-256QAM	21051-21195	1RB#0-0RB#0	18.01	19.92	33	PASS
7-7	20MHz-10MHz	256QAM-256QAM	21251-21395	100RB#0-50RB#0	18.9	20.81	33	PASS
7-7	20MHz-10MHz	256QAM-256QAM	21251-21395	1RB#0-0RB#0	18.51	20.42	33	PASS
7-7	20MHz-15MHz	QPSK-QPSK	20850-21021	100RB#0-75RB#0	21.84	23.75	33	PASS
7-7	20MHz-15MHz	QPSK-QPSK	20850-21021	1RB#0-0RB#0	22.94	24.85	33	PASS
7-7	20MHz-15MHz	QPSK-QPSK	21026-21197	100RB#0-75RB#0	21.81	23.72	33	PASS
7-7	20MHz-15MHz	QPSK-QPSK	21026-21197	1RB#0-0RB#0	22.89	24.8	33	PASS
7-7	20MHz-15MHz	QPSK-QPSK	21201-21372	100RB#0-75RB#0	21.85	23.76	33	PASS
7-7	20MHz-15MHz	QPSK-QPSK	21201-21372	1RB#0-0RB#0	23.13	25.04	33	PASS
7-7	20MHz-15MHz	16QAM-16QAM	20850-21021	100RB#0-75RB#0	20.88	22.79	33	PASS



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7-7	20MHz-15MHz	16QAM-16QAM	20850-21021	1RB#0-0RB#0	22.11	24.02	33	PASS
7-7	20MHz-15MHz	16QAM-16QAM	21026-21197	100RB#0-75RB#0	20.8	22.71	33	PASS
7-7	20MHz-15MHz	16QAM-16QAM	21026-21197	1RB#0-0RB#0	22.04	23.95	33	PASS
7-7	20MHz-15MHz	16QAM-16QAM	21201-21372	100RB#0-75RB#0	20.91	22.82	33	PASS
7-7	20MHz-15MHz	16QAM-16QAM	21201-21372	1RB#0-0RB#0	22.21	24.12	33	PASS
7-7	20MHz-15MHz	64QAM-64QAM	20850-21021	100RB#0-75RB#0	20.26	22.17	33	PASS
7-7	20MHz-15MHz	64QAM-64QAM	20850-21021	1RB#0-0RB#0	21.17	23.08	33	PASS
7-7	20MHz-15MHz	64QAM-64QAM	21026-21197	100RB#0-75RB#0	20.35	22.26	33	PASS
7-7	20MHz-15MHz	64QAM-64QAM	21026-21197	1RB#0-0RB#0	21.16	23.07	33	PASS
7-7	20MHz-15MHz	64QAM-64QAM	21201-21372	100RB#0-75RB#0	20.74	22.65	33	PASS
7-7	20MHz-15MHz	64QAM-64QAM	21201-21372	1RB#0-0RB#0	21.5	23.41	33	PASS
7-7	20MHz-15MHz	256QAM-256QAM	20850-21021	100RB#0-75RB#0	18.88	20.79	33	PASS
7-7	20MHz-15MHz	256QAM-256QAM	20850-21021	1RB#0-0RB#0	18.25	20.16	33	PASS
7-7	20MHz-15MHz	256QAM-256QAM	21026-21197	100RB#0-75RB#0	18.83	20.74	33	PASS
7-7	20MHz-15MHz	256QAM-256QAM	21026-21197	1RB#0-0RB#0	18.21	20.12	33	PASS
7-7	20MHz-15MHz	256QAM-256QAM	21201-21372	100RB#0-75RB#0	18.85	20.76	33	PASS
7-7	20MHz-15MHz	256QAM-256QAM	21201-21372	1RB#0-0RB#0	18.46	20.37	33	PASS
7-7	20MHz-20MHz	QPSK-QPSK	20850-21048	100RB#0-100RB#0	21.81	23.72	33	PASS
7-7	20MHz-20MHz	QPSK-QPSK	20850-21048	1RB#0-0RB#0	23.04	24.95	33	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21001-21199	100RB#0-100RB#0	21.85	23.76	33	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21001-21199	1RB#0-0RB#0	22.96	24.87	33	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21152-21350	100RB#0-100RB#0	21.91	23.82	33	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21152-21350	1RB#0-0RB#0	23.08	24.99	33	PASS
7-7	20MHz-20MHz	16QAM-16QAM	20850-21048	100RB#0-100RB#0	20.86	22.77	33	PASS
7-7	20MHz-20MHz	16QAM-16QAM	20850-21048	1RB#0-0RB#0	22.09	24	33	PASS
7-7	20MHz-20MHz	16QAM-16QAM	21001-21199	100RB#0-100RB#0	20.78	22.69	33	PASS
7-7	20MHz-20MHz	16QAM-16QAM	21001-21199	1RB#0-0RB#0	22.16	24.07	33	PASS
7-7	20MHz-20MHz	16QAM-16QAM	21152-21350	100RB#0-100RB#0	20.82	22.73	33	PASS
7-7	20MHz-20MHz	16QAM-16QAM	21152-21350	1RB#0-0RB#0	22.33	24.24	33	PASS
7-7	20MHz-20MHz	64QAM-64QAM	20850-21048	100RB#0-100RB#0	20.16	22.07	33	PASS
7-7	20MHz-20MHz	64QAM-64QAM	20850-21048	1RB#0-0RB#0	21.3	23.21	33	PASS
7-7	20MHz-20MHz	64QAM-64QAM	21001-21199	100RB#0-100RB#0	20.32	22.23	33	PASS
7-7	20MHz-20MHz	64QAM-64QAM	21001-21199	1RB#0-0RB#0	21.25	23.16	33	PASS



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7-7	20MHz-20MHz	64QAM-64QAM	21152-21350	100RB#0-100RB#0	20.56	22.47	33	PASS
7-7	20MHz-20MHz	64QAM-64QAM	21152-21350	1RB#0-0RB#0	21.3	23.21	33	PASS
7-7	20MHz-20MHz	256QAM-256QAM	20850-21048	100RB#0-100RB#0	18.78	20.69	33	PASS
7-7	20MHz-20MHz	256QAM-256QAM	20850-21048	1RB#0-0RB#0	18.34	20.25	33	PASS
7-7	20MHz-20MHz	256QAM-256QAM	21001-21199	100RB#0-100RB#0	18.89	20.8	33	PASS
7-7	20MHz-20MHz	256QAM-256QAM	21001-21199	1RB#0-0RB#0	18.13	20.04	33	PASS
7-7	20MHz-20MHz	256QAM-256QAM	21152-21350	100RB#0-100RB#0	18.85	20.76	33	PASS
7-7	20MHz-20MHz	256QAM-256QAM	21152-21350	1RB#0-0RB#0	18.39	20.3	33	PASS



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Field Strength of Spurious Radiation

Test Band = LTE CA_7C_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	5002.1800	41.08	-45.63	32.88	-66.93	-25.00	41.93	211	7	Horizontal
2	7503.2700	39.96	-43.13	36.44	-61.99	-25.00	36.99	145	7	Horizontal
3	10004.3600	35.68	-39.23	38.50	-60.32	-25.00	35.32	128	316	Horizontal
4	12505.4500	32.46	-36.99	39.18	-60.61	-25.00	35.61	133	0	Horizontal
5	15006.5400	30.80	-34.65	39.21	-59.90	-25.00	34.90	256	356	Horizontal
6	17507.6300	32.26	-34.95	39.22	-58.73	-25.00	33.73	129	239	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	5002.1800	40.93	-45.63	32.88	-67.08	-25.00	42.08	148	301	Vertical
2	7503.2700	39.64	-43.13	36.44	-62.31	-25.00	37.31	159	59	Vertical
3	10004.3600	35.21	-39.23	38.50	-60.79	-25.00	35.79	175	287	Vertical
4	12505.4500	32.30	-36.99	39.18	-60.77	-25.00	35.77	142	208	Vertical
5	15006.5400	30.71	-34.65	39.21	-59.99	-25.00	34.99	162	117	Vertical
6	17507.6300	32.05	-34.95	39.22	-58.94	-25.00	33.94	152	180	Vertical



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Test Band = LTE CA_7C_ 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	5032.3800	41.59	-45.55	32.90	-66.32	-25.00	41.32	184	165	Horizontal
2	7548.2700	39.68	-43.04	36.42	-62.20	-25.00	37.20	175	242	Horizontal
3	10064.7600	35.34	-39.16	38.59	-60.49	-25.00	35.49	142	196	Horizontal
4	12580.9500	32.35	-37.49	39.26	-61.14	-25.00	36.14	126	301	Horizontal
5	15097.1400	30.02	-34.94	39.09	-61.09	-25.00	36.09	153	103	Horizontal
6	17613.3300	31.15	-33.34	39.62	-57.83	-25.00	32.83	129	44	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	5032.3800	41.45	-45.55	32.90	-66.46	-25.00	41.46	254	165	Vertical
2	7548.2700	40.14	-43.04	36.42	-61.74	-25.00	36.74	156	256	Vertical
3	10064.7600	34.93	-39.16	38.59	-60.90	-25.00	35.90	129	317	Vertical
4	12580.9500	31.94	-37.49	39.26	-61.55	-25.00	36.55	184	302	Vertical
5	15097.1400	30.54	-34.94	39.09	-60.57	-25.00	35.57	175	256	Vertical
6	17613.3300	31.54	-33.34	39.62	-57.44	-25.00	32.44	136	347	Vertical



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Test Band = LTE CA_7C_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	5062.5800	41.36	-45.47	32.91	-66.45	-25.00	41.45	215	164	Horizontal
2	7593.8700	39.52	-42.94	36.39	-62.29	-25.00	37.29	142	0	Horizontal
3	10125.1600	34.23	-39.22	38.69	-61.56	-25.00	36.56	136	43	Horizontal
4	12656.4500	32.46	-37.08	39.38	-60.50	-25.00	35.50	251	15	Horizontal
5	15187.7400	29.60	-34.04	38.97	-60.74	-25.00	35.74	148	26	Horizontal
6	17719.0300	32.42	-34.15	40.30	-56.69	-25.00	31.69	175	2	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	5062.5800	41.49	-45.47	32.91	-66.32	-25.00	41.32	256	285	Vertical
2	7593.8700	39.14	-42.94	36.39	-62.67	-25.00	37.67	132	197	Vertical
3	10125.1600	34.43	-39.22	38.69	-61.36	-25.00	36.36	145	0	Vertical
4	12656.4500	32.26	-37.08	39.38	-60.70	-25.00	35.70	128	287	Vertical
5	15187.7400	29.64	-34.04	38.97	-60.70	-25.00	35.70	199	301	Vertical
6	17719.0300	32.07	-34.15	40.30	-57.04	-25.00	32.04	174	106	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) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

---End of Attachment---

