



Report No.: SEWM2210000221RG01

Rev.: 01

Page: 1 of 12

Appendix B.17

LTE CA_2C



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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
2-2	10MHz-15MHz	QPSK-QPSK	18653-18773	1RB#0-0RB#0	23.27	26.3	33	PASS
2-2	10MHz-15MHz	QPSK-QPSK	18653-18773	50RB#0-75RB#0	22.19	25.22	33	PASS
2-2	10MHz-15MHz	QPSK-QPSK	18829-18949	1RB#0-0RB#0	23.25	26.28	33	PASS
2-2	10MHz-15MHz	QPSK-QPSK	18829-18949	50RB#0-75RB#0	21.24	24.27	33	PASS
2-2	10MHz-15MHz	QPSK-QPSK	19005-19125	1RB#0-0RB#0	23.29	26.32	33	PASS
2-2	10MHz-15MHz	QPSK-QPSK	19005-19125	50RB#0-75RB#0	22.22	25.25	33	PASS
2-2	10MHz-15MHz	16QAM-16QAM	18653-18773	1RB#0-0RB#0	22.36	25.39	33	PASS
2-2	10MHz-15MHz	16QAM-16QAM	18653-18773	50RB#0-75RB#0	21.21	24.24	33	PASS
2-2	10MHz-15MHz	16QAM-16QAM	18829-18949	1RB#0-0RB#0	22.42	25.45	33	PASS
2-2	10MHz-15MHz	16QAM-16QAM	18829-18949	50RB#0-75RB#0	20.32	23.35	33	PASS
2-2	10MHz-15MHz	16QAM-16QAM	19005-19125	1RB#0-0RB#0	22.48	25.51	33	PASS
2-2	10MHz-15MHz	16QAM-16QAM	19005-19125	50RB#0-75RB#0	21.23	24.26	33	PASS
2-2	10MHz-15MHz	64QAM-64QAM	18653-18773	1RB#0-0RB#0	21.75	24.78	33	PASS
2-2	10MHz-15MHz	64QAM-64QAM	18653-18773	50RB#0-75RB#0	21.15	24.18	33	PASS
2-2	10MHz-15MHz	64QAM-64QAM	18829-18949	1RB#0-0RB#0	21.36	24.39	33	PASS
2-2	10MHz-15MHz	64QAM-64QAM	18829-18949	50RB#0-75RB#0	19.36	22.39	33	PASS
2-2	10MHz-15MHz	64QAM-64QAM	19005-19125	1RB#0-0RB#0	21.58	24.61	33	PASS
2-2	10MHz-15MHz	64QAM-64QAM	19005-19125	50RB#0-75RB#0	21.26	24.29	33	PASS
2-2	10MHz-15MHz	256QAM-256QAM	18653-18773	1RB#0-0RB#0	18.56	21.59	33	PASS
2-2	10MHz-15MHz	256QAM-256QAM	18653-18773	50RB#0-75RB#0	19.19	22.22	33	PASS
2-2	10MHz-15MHz	256QAM-256QAM	18829-18949	1RB#0-0RB#0	18.63	21.66	33	PASS
2-2	10MHz-15MHz	256QAM-256QAM	18829-18949	50RB#0-75RB#0	18.32	21.35	33	PASS
2-2	10MHz-15MHz	256QAM-256QAM	19005-19125	1RB#0-0RB#0	18.58	21.61	33	PASS
2-2	10MHz-15MHz	256QAM-256QAM	19005-19125	50RB#0-75RB#0	19.27	22.3	33	PASS
2-2	10MHz-20MHz	QPSK-QPSK	18655-18799	1RB#0-0RB#0	23.41	26.44	33	PASS
2-2	10MHz-20MHz	QPSK-QPSK	18655-18799	50RB#0-100RB#0	22.18	25.21	33	PASS
2-2	10MHz-20MHz	QPSK-QPSK	18806-18950	1RB#0-0RB#0	23.38	26.41	33	PASS
2-2	10MHz-20MHz	QPSK-QPSK	18806-18950	50RB#0-100RB#0	22.24	25.27	33	PASS



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Report No.: SEWM2210000221RG01

Rev.: 01

Page: 3 of 12

2-2	10MHz-20MHz	QPSK-QPSK	18956-19100	1RB#0-0RB#0	23.35	26.38	33	PASS
2-2	10MHz-20MHz	QPSK-QPSK	18956-19100	50RB#0-100RB#0	23.25	26.28	33	PASS
2-2	10MHz-20MHz	16QAM-16QAM	18655-18799	1RB#0-0RB#0	22.56	25.59	33	PASS
2-2	10MHz-20MHz	16QAM-16QAM	18655-18799	50RB#0-100RB#0	21.17	24.2	33	PASS
2-2	10MHz-20MHz	16QAM-16QAM	18806-18950	1RB#0-0RB#0	22.61	25.64	33	PASS
2-2	10MHz-20MHz	16QAM-16QAM	18806-18950	50RB#0-100RB#0	21.17	24.2	33	PASS
2-2	10MHz-20MHz	16QAM-16QAM	18956-19100	1RB#0-0RB#0	22.56	25.59	33	PASS
2-2	10MHz-20MHz	16QAM-16QAM	18956-19100	50RB#0-100RB#0	20.52	23.55	33	PASS
2-2	10MHz-20MHz	64QAM-64QAM	18655-18799	1RB#0-0RB#0	21.54	24.57	33	PASS
2-2	10MHz-20MHz	64QAM-64QAM	18655-18799	50RB#0-100RB#0	21.11	24.14	33	PASS
2-2	10MHz-20MHz	64QAM-64QAM	18806-18950	1RB#0-0RB#0	21.84	24.87	33	PASS
2-2	10MHz-20MHz	64QAM-64QAM	18806-18950	50RB#0-100RB#0	21.19	24.22	33	PASS
2-2	10MHz-20MHz	64QAM-64QAM	18956-19100	1RB#0-0RB#0	21.6	24.63	33	PASS
2-2	10MHz-20MHz	64QAM-64QAM	18956-19100	50RB#0-100RB#0	21.36	24.39	33	PASS
2-2	10MHz-20MHz	256QAM-256QAM	18655-18799	1RB#0-0RB#0	18.72	21.75	33	PASS
2-2	10MHz-20MHz	256QAM-256QAM	18655-18799	50RB#0-100RB#0	19.2	22.23	33	PASS
2-2	10MHz-20MHz	256QAM-256QAM	18806-18950	1RB#0-0RB#0	19.36	22.39	33	PASS
2-2	10MHz-20MHz	256QAM-256QAM	18806-18950	50RB#0-100RB#0	19.18	22.21	33	PASS
2-2	10MHz-20MHz	256QAM-256QAM	18956-19100	1RB#0-0RB#0	19.24	22.27	33	PASS
2-2	10MHz-20MHz	256QAM-256QAM	18956-19100	50RB#0-100RB#0	19.17	22.2	33	PASS
2-2	15MHz-10MHz	QPSK-QPSK	18675-18795	1RB#0-0RB#0	23.24	26.27	33	PASS
2-2	15MHz-10MHz	QPSK-QPSK	18675-18795	75RB#0-50RB#0	20.36	23.39	33	PASS
2-2	15MHz-10MHz	QPSK-QPSK	18851-18971	1RB#0-0RB#0	23.02	26.05	33	PASS
2-2	15MHz-10MHz	QPSK-QPSK	18851-18971	75RB#0-50RB#0	20.52	23.55	33	PASS
2-2	15MHz-10MHz	QPSK-QPSK	19027-19147	1RB#0-0RB#0	23.36	26.39	33	PASS
2-2	15MHz-10MHz	QPSK-QPSK	19027-19147	75RB#0-50RB#0	22.27	25.3	33	PASS
2-2	15MHz-10MHz	16QAM-16QAM	18675-18795	1RB#0-0RB#0	22.44	25.47	33	PASS
2-2	15MHz-10MHz	16QAM-16QAM	18675-18795	75RB#0-50RB#0	21.08	24.11	33	PASS
2-2	15MHz-10MHz	16QAM-16QAM	18851-18971	1RB#0-0RB#0	21.52	24.55	33	PASS
2-2	15MHz-10MHz	16QAM-16QAM	18851-18971	75RB#0-50RB#0	20.33	23.36	33	PASS
2-2	15MHz-10MHz	16QAM-16QAM	19027-19147	1RB#0-0RB#0	21.63	24.66	33	PASS
2-2	15MHz-10MHz	16QAM-16QAM	19027-19147	75RB#0-50RB#0	21.22	24.25	33	PASS
2-2	15MHz-10MHz	64QAM-64QAM	18675-18795	1RB#0-0RB#0	21.5	24.53	33	PASS



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Report No.: SEWM2210000221RG01

Rev.: 01

Page: 4 of 12

2-2	15MHz-10MHz	64QAM-64QAM	18675-18795	75RB#0-50RB#0	20.83	23.86	33	PASS
2-2	15MHz-10MHz	64QAM-64QAM	18851-18971	1RB#0-0RB#0	20.42	23.45	33	PASS
2-2	15MHz-10MHz	64QAM-64QAM	18851-18971	75RB#0-50RB#0	19.63	22.66	33	PASS
2-2	15MHz-10MHz	64QAM-64QAM	19027-19147	1RB#0-0RB#0	20.32	23.35	33	PASS
2-2	15MHz-10MHz	64QAM-64QAM	19027-19147	75RB#0-50RB#0	21.18	24.21	33	PASS
2-2	15MHz-10MHz	256QAM-256QAM	18675-18795	1RB#0-0RB#0	18.47	21.5	33	PASS
2-2	15MHz-10MHz	256QAM-256QAM	18675-18795	75RB#0-50RB#0	19.15	22.18	33	PASS
2-2	15MHz-10MHz	256QAM-256QAM	18851-18971	1RB#0-0RB#0	19.36	22.39	33	PASS
2-2	15MHz-10MHz	256QAM-256QAM	18851-18971	75RB#0-50RB#0	18.63	21.66	33	PASS
2-2	15MHz-10MHz	256QAM-256QAM	19027-19147	1RB#0-0RB#0	18.54	21.57	33	PASS
2-2	15MHz-10MHz	256QAM-256QAM	19027-19147	75RB#0-50RB#0	19.19	22.22	33	PASS
2-2	15MHz-15MHz	QPSK-QPSK	18675-18825	1RB#0-0RB#0	23.33	26.36	33	PASS
2-2	15MHz-15MHz	QPSK-QPSK	18675-18825	75RB#0-75RB#0	22.2	25.23	33	PASS
2-2	15MHz-15MHz	QPSK-QPSK	18825-18975	1RB#0-0RB#0	23.17	26.2	33	PASS
2-2	15MHz-15MHz	QPSK-QPSK	18825-18975	75RB#0-75RB#0	22.23	25.26	33	PASS
2-2	15MHz-15MHz	QPSK-QPSK	18975-19125	1RB#0-0RB#0	23.27	26.3	33	PASS
2-2	15MHz-15MHz	QPSK-QPSK	18975-19125	75RB#0-75RB#0	21.92	24.95	33	PASS
2-2	15MHz-15MHz	16QAM-16QAM	18675-18825	1RB#0-0RB#0	22.53	25.56	33	PASS
2-2	15MHz-15MHz	16QAM-16QAM	18675-18825	75RB#0-75RB#0	21.18	24.21	33	PASS
2-2	15MHz-15MHz	16QAM-16QAM	18825-18975	1RB#0-0RB#0	22.5	25.53	33	PASS
2-2	15MHz-15MHz	16QAM-16QAM	18825-18975	75RB#0-75RB#0	21.01	24.04	33	PASS
2-2	15MHz-15MHz	16QAM-16QAM	18975-19125	1RB#0-0RB#0	21.36	24.39	33	PASS
2-2	15MHz-15MHz	16QAM-16QAM	18975-19125	75RB#0-75RB#0	21.19	24.22	33	PASS
2-2	15MHz-15MHz	64QAM-64QAM	18675-18825	1RB#0-0RB#0	21.7	24.73	33	PASS
2-2	15MHz-15MHz	64QAM-64QAM	18675-18825	75RB#0-75RB#0	21.2	24.23	33	PASS
2-2	15MHz-15MHz	64QAM-64QAM	18825-18975	1RB#0-0RB#0	21.48	24.51	33	PASS
2-2	15MHz-15MHz	64QAM-64QAM	18825-18975	75RB#0-75RB#0	21.15	24.18	33	PASS
2-2	15MHz-15MHz	64QAM-64QAM	18975-19125	1RB#0-0RB#0	20.25	23.28	33	PASS
2-2	15MHz-15MHz	64QAM-64QAM	18975-19125	75RB#0-75RB#0	21.24	24.27	33	PASS
2-2	15MHz-15MHz	256QAM-256QAM	18675-18825	1RB#0-0RB#0	18.6	21.63	33	PASS
2-2	15MHz-15MHz	256QAM-256QAM	18675-18825	75RB#0-75RB#0	19.22	22.25	33	PASS
2-2	15MHz-15MHz	256QAM-256QAM	18825-18975	1RB#0-0RB#0	18.56	21.59	33	PASS
2-2	15MHz-15MHz	256QAM-256QAM	18825-18975	75RB#0-75RB#0	19.12	22.15	33	PASS



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Report No.: SEWM2210000221RG01

Rev.: 01

Page: 5 of 12

2-2	15MHz-15MHz	256QAM-256QAM	18975-19125	1RB#0-0RB#0	18.38	21.41	33	PASS
2-2	15MHz-15MHz	256QAM-256QAM	18975-19125	75RB#0-75RB#0	19.21	22.24	33	PASS
2-2	15MHz-20MHz	QPSK-QPSK	18678-18849	1RB#0-0RB#0	23.43	26.46	33	PASS
2-2	15MHz-20MHz	QPSK-QPSK	18678-18849	75RB#0-100RB#0	22.13	25.16	33	PASS
2-2	15MHz-20MHz	QPSK-QPSK	18803-18974	1RB#0-0RB#0	23.08	26.11	33	PASS
2-2	15MHz-20MHz	QPSK-QPSK	18803-18974	75RB#0-100RB#0	22.21	25.24	33	PASS
2-2	15MHz-20MHz	QPSK-QPSK	18929-19100	1RB#0-0RB#0	23.2	26.23	33	PASS
2-2	15MHz-20MHz	QPSK-QPSK	18929-19100	75RB#0-100RB#0	22.27	25.3	33	PASS
2-2	15MHz-20MHz	16QAM-16QAM	18678-18849	1RB#0-0RB#0	22.43	25.46	33	PASS
2-2	15MHz-20MHz	16QAM-16QAM	18678-18849	75RB#0-100RB#0	21.17	24.2	33	PASS
2-2	15MHz-20MHz	16QAM-16QAM	18803-18974	1RB#0-0RB#0	22.32	25.35	33	PASS
2-2	15MHz-20MHz	16QAM-16QAM	18803-18974	75RB#0-100RB#0	21.19	24.22	33	PASS
2-2	15MHz-20MHz	16QAM-16QAM	18929-19100	1RB#0-0RB#0	22.44	25.47	33	PASS
2-2	15MHz-20MHz	16QAM-16QAM	18929-19100	75RB#0-100RB#0	21.28	24.31	33	PASS
2-2	15MHz-20MHz	64QAM-64QAM	18678-18849	1RB#0-0RB#0	21.54	24.57	33	PASS
2-2	15MHz-20MHz	64QAM-64QAM	18678-18849	75RB#0-100RB#0	21.13	24.16	33	PASS
2-2	15MHz-20MHz	64QAM-64QAM	18803-18974	1RB#0-0RB#0	21.41	24.44	33	PASS
2-2	15MHz-20MHz	64QAM-64QAM	18803-18974	75RB#0-100RB#0	21.23	24.26	33	PASS
2-2	15MHz-20MHz	64QAM-64QAM	18929-19100	1RB#0-0RB#0	21.35	24.38	33	PASS
2-2	15MHz-20MHz	64QAM-64QAM	18929-19100	75RB#0-100RB#0	21.26	24.29	33	PASS
2-2	15MHz-20MHz	256QAM-256QAM	18678-18849	1RB#0-0RB#0	18.42	21.45	33	PASS
2-2	15MHz-20MHz	256QAM-256QAM	18678-18849	75RB#0-100RB#0	19.16	22.19	33	PASS
2-2	15MHz-20MHz	256QAM-256QAM	18803-18974	1RB#0-0RB#0	18.51	21.54	33	PASS
2-2	15MHz-20MHz	256QAM-256QAM	18803-18974	75RB#0-100RB#0	19.19	22.22	33	PASS
2-2	15MHz-20MHz	256QAM-256QAM	18929-19100	1RB#0-0RB#0	18.51	21.54	33	PASS
2-2	15MHz-20MHz	256QAM-256QAM	18929-19100	75RB#0-100RB#0	19.26	22.29	33	PASS
2-2	20MHz-10MHz	QPSK-QPSK	18700-18844	100RB#0-50RB#0	22.16	25.19	33	PASS
2-2	20MHz-10MHz	QPSK-QPSK	18700-18844	1RB#0-0RB#0	23.21	26.24	33	PASS
2-2	20MHz-10MHz	QPSK-QPSK	18851-18995	100RB#0-50RB#0	22.19	25.22	33	PASS
2-2	20MHz-10MHz	QPSK-QPSK	18851-18995	1RB#0-0RB#0	23.18	26.21	33	PASS
2-2	20MHz-10MHz	QPSK-QPSK	19001-19145	100RB#0-50RB#0	22.08	25.11	33	PASS
2-2	20MHz-10MHz	QPSK-QPSK	19001-19145	1RB#0-0RB#0	23.28	26.31	33	PASS
2-2	20MHz-10MHz	16QAM-16QAM	18700-18844	100RB#0-50RB#0	21.18	24.21	33	PASS



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Report No.: SEWM2210000221RG01

Rev.: 01

Page: 6 of 12

2-2	20MHz-10MHz	16QAM-16QAM	18700-18844	1RB#0-0RB#0	22.46	25.49	33	PASS
2-2	20MHz-10MHz	16QAM-16QAM	18851-18995	100RB#0-50RB#0	21.19	24.22	33	PASS
2-2	20MHz-10MHz	16QAM-16QAM	18851-18995	1RB#0-0RB#0	22.52	25.55	33	PASS
2-2	20MHz-10MHz	16QAM-16QAM	19001-19145	100RB#0-50RB#0	21.13	24.16	33	PASS
2-2	20MHz-10MHz	16QAM-16QAM	19001-19145	1RB#0-0RB#0	22.48	25.51	33	PASS
2-2	20MHz-10MHz	64QAM-64QAM	18700-18844	100RB#0-50RB#0	21.14	24.17	33	PASS
2-2	20MHz-10MHz	64QAM-64QAM	18700-18844	1RB#0-0RB#0	21.48	24.51	33	PASS
2-2	20MHz-10MHz	64QAM-64QAM	18851-18995	100RB#0-50RB#0	21.19	24.22	33	PASS
2-2	20MHz-10MHz	64QAM-64QAM	18851-18995	1RB#0-0RB#0	21.46	24.49	33	PASS
2-2	20MHz-10MHz	64QAM-64QAM	19001-19145	100RB#0-50RB#0	21.18	24.21	33	PASS
2-2	20MHz-10MHz	64QAM-64QAM	19001-19145	1RB#0-0RB#0	21.67	24.7	33	PASS
2-2	20MHz-10MHz	256QAM-256QAM	18700-18844	100RB#0-50RB#0	19.17	22.2	33	PASS
2-2	20MHz-10MHz	256QAM-256QAM	18700-18844	1RB#0-0RB#0	18.52	21.55	33	PASS
2-2	20MHz-10MHz	256QAM-256QAM	18851-18995	100RB#0-50RB#0	19.19	22.22	33	PASS
2-2	20MHz-10MHz	256QAM-256QAM	18851-18995	1RB#0-0RB#0	18.62	21.65	33	PASS
2-2	20MHz-10MHz	256QAM-256QAM	19001-19145	100RB#0-50RB#0	19.2	22.23	33	PASS
2-2	20MHz-10MHz	256QAM-256QAM	19001-19145	1RB#0-0RB#0	18.65	21.68	33	PASS
2-2	20MHz-15MHz	QPSK-QPSK	18700-18871	100RB#0-75RB#0	22.2	25.23	33	PASS
2-2	20MHz-15MHz	QPSK-QPSK	18700-18871	1RB#0-0RB#0	23.08	26.11	33	PASS
2-2	20MHz-15MHz	QPSK-QPSK	18826-18997	100RB#0-75RB#0	22.21	25.24	33	PASS
2-2	20MHz-15MHz	QPSK-QPSK	18826-18997	1RB#0-0RB#0	23.13	26.16	33	PASS
2-2	20MHz-15MHz	QPSK-QPSK	18951-19122	100RB#0-75RB#0	22.21	25.24	33	PASS
2-2	20MHz-15MHz	QPSK-QPSK	18951-19122	1RB#0-0RB#0	23.25	26.28	33	PASS
2-2	20MHz-15MHz	16QAM-16QAM	18700-18871	100RB#0-75RB#0	21.19	24.22	33	PASS
2-2	20MHz-15MHz	16QAM-16QAM	18700-18871	1RB#0-0RB#0	22.26	25.29	33	PASS
2-2	20MHz-15MHz	16QAM-16QAM	18826-18997	100RB#0-75RB#0	21.18	24.21	33	PASS
2-2	20MHz-15MHz	16QAM-16QAM	18826-18997	1RB#0-0RB#0	22.32	25.35	33	PASS
2-2	20MHz-15MHz	16QAM-16QAM	18951-19122	100RB#0-75RB#0	21.23	24.26	33	PASS
2-2	20MHz-15MHz	16QAM-16QAM	18951-19122	1RB#0-0RB#0	22.42	25.45	33	PASS
2-2	20MHz-15MHz	64QAM-64QAM	18700-18871	100RB#0-75RB#0	21.21	24.24	33	PASS
2-2	20MHz-15MHz	64QAM-64QAM	18700-18871	1RB#0-0RB#0	21.44	24.47	33	PASS
2-2	20MHz-15MHz	64QAM-64QAM	18826-18997	100RB#0-75RB#0	21.18	24.21	33	PASS
2-2	20MHz-15MHz	64QAM-64QAM	18826-18997	1RB#0-0RB#0	21.39	24.42	33	PASS



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Report No.: SEWM2210000221RG01

Rev.: 01

Page: 7 of 12

2-2	20MHz-15MHz	64QAM-64QAM	18951-19122	100RB#0-75RB#0	21.21	24.24	33	PASS
2-2	20MHz-15MHz	64QAM-64QAM	18951-19122	1RB#0-0RB#0	21.43	24.46	33	PASS
2-2	20MHz-15MHz	256QAM-256QAM	18700-18871	100RB#0-75RB#0	19.21	22.24	33	PASS
2-2	20MHz-15MHz	256QAM-256QAM	18700-18871	1RB#0-0RB#0	18.57	21.6	33	PASS
2-2	20MHz-15MHz	256QAM-256QAM	18826-18997	100RB#0-75RB#0	19.25	22.28	33	PASS
2-2	20MHz-15MHz	256QAM-256QAM	18826-18997	1RB#0-0RB#0	18.51	21.54	33	PASS
2-2	20MHz-15MHz	256QAM-256QAM	18951-19122	100RB#0-75RB#0	19.17	22.2	33	PASS
2-2	20MHz-15MHz	256QAM-256QAM	18951-19122	1RB#0-0RB#0	18.67	21.7	33	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18700-18898	100RB#0-100RB#0	22.21	25.24	33	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18700-18898	1RB#0-0RB#0	23.08	26.11	33	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	23.36	26.39	33	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	1RB#0-0RB#0	23.11	26.14	33	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18902-19100	100RB#0-100RB#0	22.2	25.23	33	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18902-19100	1RB#0-0RB#0	23.21	26.24	33	PASS
2-2	20MHz-20MHz	16QAM-16QAM	18700-18898	100RB#0-100RB#0	21.2	24.23	33	PASS
2-2	20MHz-20MHz	16QAM-16QAM	18700-18898	1RB#0-0RB#0	22.35	25.38	33	PASS
2-2	20MHz-20MHz	16QAM-16QAM	18801-18999	100RB#0-100RB#0	21.16	24.19	33	PASS
2-2	20MHz-20MHz	16QAM-16QAM	18801-18999	1RB#0-0RB#0	22.25	25.28	33	PASS
2-2	20MHz-20MHz	16QAM-16QAM	18902-19100	100RB#0-100RB#0	21.19	24.22	33	PASS
2-2	20MHz-20MHz	16QAM-16QAM	18902-19100	1RB#0-0RB#0	22.41	25.44	33	PASS
2-2	20MHz-20MHz	64QAM-64QAM	18700-18898	100RB#0-100RB#0	21.28	24.31	33	PASS
2-2	20MHz-20MHz	64QAM-64QAM	18700-18898	1RB#0-0RB#0	21.36	24.39	33	PASS
2-2	20MHz-20MHz	64QAM-64QAM	18801-18999	100RB#0-100RB#0	20.99	24.02	33	PASS
2-2	20MHz-20MHz	64QAM-64QAM	18801-18999	1RB#0-0RB#0	21.33	24.36	33	PASS
2-2	20MHz-20MHz	64QAM-64QAM	18902-19100	100RB#0-100RB#0	21.31	24.34	33	PASS
2-2	20MHz-20MHz	64QAM-64QAM	18902-19100	1RB#0-0RB#0	21.52	24.55	33	PASS
2-2	20MHz-20MHz	256QAM-256QAM	18700-18898	100RB#0-100RB#0	19.22	22.25	33	PASS
2-2	20MHz-20MHz	256QAM-256QAM	18700-18898	1RB#0-0RB#0	18.42	21.45	33	PASS
2-2	20MHz-20MHz	256QAM-256QAM	18801-18999	100RB#0-100RB#0	18.52	21.55	33	PASS
2-2	20MHz-20MHz	256QAM-256QAM	18801-18999	1RB#0-0RB#0	18.59	21.62	33	PASS
2-2	20MHz-20MHz	256QAM-256QAM	18902-19100	100RB#0-100RB#0	19.22	22.25	33	PASS
2-2	20MHz-20MHz	256QAM-256QAM	18902-19100	1RB#0-0RB#0	18.63	21.66	33	PASS
2-2	20MHz-5MHz	QPSK-QPSK	18700-18817	100RB#0-25RB#0	22.18	25.21	33	PASS



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Report No.: SEWM2210000221RG01

Rev.: 01

Page: 8 of 12

2-2	20MHz-5MHz	QPSK-QPSK	18700-18817	1RB#0-0RB#0	23.24	26.27	33	PASS
2-2	20MHz-5MHz	QPSK-QPSK	18875-18992	100RB#0-25RB#0	22.21	25.24	33	PASS
2-2	20MHz-5MHz	QPSK-QPSK	18875-18992	1RB#0-0RB#0	23.25	26.28	33	PASS
2-2	20MHz-5MHz	QPSK-QPSK	19050-19167	100RB#0-25RB#0	22.16	25.19	33	PASS
2-2	20MHz-5MHz	QPSK-QPSK	19050-19167	1RB#0-0RB#0	23.22	26.25	33	PASS
2-2	20MHz-5MHz	16QAM-16QAM	18700-18817	100RB#0-25RB#0	21.16	24.19	33	PASS
2-2	20MHz-5MHz	16QAM-16QAM	18700-18817	1RB#0-0RB#0	22.28	25.31	33	PASS
2-2	20MHz-5MHz	16QAM-16QAM	18875-18992	100RB#0-25RB#0	21.03	24.06	33	PASS
2-2	20MHz-5MHz	16QAM-16QAM	18875-18992	1RB#0-0RB#0	22.58	25.61	33	PASS
2-2	20MHz-5MHz	16QAM-16QAM	19050-19167	100RB#0-25RB#0	21.15	24.18	33	PASS
2-2	20MHz-5MHz	16QAM-16QAM	19050-19167	1RB#0-0RB#0	22.46	25.49	33	PASS
2-2	20MHz-5MHz	64QAM-64QAM	18700-18817	100RB#0-25RB#0	21.15	24.18	33	PASS
2-2	20MHz-5MHz	64QAM-64QAM	18700-18817	1RB#0-0RB#0	21.57	24.6	33	PASS
2-2	20MHz-5MHz	64QAM-64QAM	18875-18992	100RB#0-25RB#0	21.16	24.19	33	PASS
2-2	20MHz-5MHz	64QAM-64QAM	18875-18992	1RB#0-0RB#0	21.46	24.49	33	PASS
2-2	20MHz-5MHz	64QAM-64QAM	19050-19167	100RB#0-25RB#0	21.13	24.16	33	PASS
2-2	20MHz-5MHz	64QAM-64QAM	19050-19167	1RB#0-0RB#0	21.63	24.66	33	PASS
2-2	20MHz-5MHz	256QAM-256QAM	18700-18817	100RB#0-25RB#0	19.18	22.21	33	PASS
2-2	20MHz-5MHz	256QAM-256QAM	18700-18817	1RB#0-0RB#0	18.53	21.56	33	PASS
2-2	20MHz-5MHz	256QAM-256QAM	18875-18992	100RB#0-25RB#0	19.15	22.18	33	PASS
2-2	20MHz-5MHz	256QAM-256QAM	18875-18992	1RB#0-0RB#0	18.61	21.64	33	PASS
2-2	20MHz-5MHz	256QAM-256QAM	19050-19167	100RB#0-25RB#0	19.18	22.21	33	PASS
2-2	20MHz-5MHz	256QAM-256QAM	19050-19167	1RB#0-0RB#0	18.5	21.53	33	PASS
2-2	5MHz-20MHz	QPSK-QPSK	18633-18750	1RB#0-0RB#0	23.36	26.39	33	PASS
2-2	5MHz-20MHz	QPSK-QPSK	18633-18750	25RB#0-100RB#0	22.18	25.21	33	PASS
2-2	5MHz-20MHz	QPSK-QPSK	18808-18925	1RB#0-0RB#0	23.37	26.4	33	PASS
2-2	5MHz-20MHz	QPSK-QPSK	18808-18925	25RB#0-100RB#0	22.24	25.27	33	PASS
2-2	5MHz-20MHz	QPSK-QPSK	18983-19100	1RB#0-0RB#0	23.36	26.39	33	PASS
2-2	5MHz-20MHz	QPSK-QPSK	18983-19100	25RB#0-100RB#0	21.98	25.01	33	PASS
2-2	5MHz-20MHz	16QAM-16QAM	18633-18750	1RB#0-0RB#0	22.68	25.71	33	PASS
2-2	5MHz-20MHz	16QAM-16QAM	18633-18750	25RB#0-100RB#0	21.21	24.24	33	PASS
2-2	5MHz-20MHz	16QAM-16QAM	18808-18925	1RB#0-0RB#0	22.53	25.56	33	PASS
2-2	5MHz-20MHz	16QAM-16QAM	18808-18925	25RB#0-100RB#0	21.26	24.29	33	PASS



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Report No.: SEWM2210000221RG01

Rev.: 01

Page: 9 of 12

2-2	5MHz-20MHz	16QAM-16QAM	18983-19100	1RB#0-0RB#0	21.52	24.55	33	PASS
2-2	5MHz-20MHz	16QAM-16QAM	18983-19100	25RB#0-100RB#0	20.36	23.39	33	PASS
2-2	5MHz-20MHz	64QAM-64QAM	18633-18750	1RB#0-0RB#0	21.7	24.73	33	PASS
2-2	5MHz-20MHz	64QAM-64QAM	18633-18750	25RB#0-100RB#0	21.21	24.24	33	PASS
2-2	5MHz-20MHz	64QAM-64QAM	18808-18925	1RB#0-0RB#0	21.62	24.65	33	PASS
2-2	5MHz-20MHz	64QAM-64QAM	18808-18925	25RB#0-100RB#0	21.2	24.23	33	PASS
2-2	5MHz-20MHz	64QAM-64QAM	18983-19100	1RB#0-0RB#0	21.68	24.71	33	PASS
2-2	5MHz-20MHz	64QAM-64QAM	18983-19100	25RB#0-100RB#0	21.27	24.3	33	PASS
2-2	5MHz-20MHz	256QAM-256QAM	18633-18750	1RB#0-0RB#0	18.68	21.71	33	PASS
2-2	5MHz-20MHz	256QAM-256QAM	18633-18750	25RB#0-100RB#0	19.2	22.23	33	PASS
2-2	5MHz-20MHz	256QAM-256QAM	18808-18925	1RB#0-0RB#0	18.67	21.7	33	PASS
2-2	5MHz-20MHz	256QAM-256QAM	18808-18925	25RB#0-100RB#0	18.63	21.66	33	PASS
2-2	5MHz-20MHz	256QAM-256QAM	18983-19100	1RB#0-0RB#0	18.63	21.66	33	PASS
2-2	5MHz-20MHz	256QAM-256QAM	18983-19100	25RB#0-100RB#0	19.24	22.27	33	PASS



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Report No.: SEWM2210000221RG01

Rev.: 01

Page: 10 of 12

Field Strength of Spurious Radiation

Test Band = LTE CA_2C_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	3702.1800	41.11	-45.51	29.98	-69.68	-13.00	56.68	254	360	Horizontal
2	5553.2700	40.21	-45.15	32.97	-67.23	-13.00	54.23	156	45	Horizontal
3	7404.3600	39.58	-43.40	36.49	-62.59	-13.00	49.59	129	359	Horizontal
4	9255.4500	35.01	-40.23	38.38	-62.10	-13.00	49.10	145	331	Horizontal
5	11106.5400	32.34	-37.93	39.09	-61.76	-13.00	48.76	185	269	Horizontal
6	12957.6300	31.19	-37.24	39.79	-61.52	-13.00	48.52	135	196	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	3702.1800	41.09	-45.51	29.98	-69.70	-13.00	56.70	245	4	Vertical
2	5553.2700	40.39	-45.15	32.97	-67.05	-13.00	54.05	132	357	Vertical
3	7404.3600	39.56	-43.40	36.49	-62.61	-13.00	49.61	126	343	Vertical
4	9255.4500	35.24	-40.23	38.38	-61.87	-13.00	48.87	159	359	Vertical
5	11106.5400	32.73	-37.93	39.09	-61.37	-13.00	48.37	169	59	Vertical
6	12957.6300	31.19	-37.24	39.79	-61.52	-13.00	48.52	192	135	Vertical



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Report No.: SEWM2210000221RG01

Rev.: 01

Page: 11 of 12

Test Band = LTE CA_2C_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	3722.1800	42.85	-45.59	30.05	-67.95	-13.00	54.95	154	227	Horizontal
2	5583.2700	40.77	-45.10	33.00	-66.59	-13.00	53.59	128	4	Horizontal
3	7444.7600	39.71	-43.29	36.47	-62.37	-13.00	49.37	199	360	Horizontal
4	9305.9500	35.70	-40.20	38.42	-61.34	-13.00	48.34	147	344	Horizontal
5	11167.1400	32.76	-37.58	39.10	-60.98	-13.00	47.98	172	272	Horizontal
6	13028.3300	30.05	-37.23	39.84	-62.60	-13.00	49.60	133	212	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	3722.1800	44.40	-45.59	30.05	-66.40	-13.00	53.40	266	331	Vertical
2	5583.2700	40.23	-45.10	33.00	-67.13	-13.00	54.13	142	209	Vertical
3	7444.7600	39.84	-43.29	36.47	-62.24	-13.00	49.24	135	300	Vertical
4	9305.9500	35.02	-40.20	38.42	-62.02	-13.00	49.02	185	226	Vertical
5	11167.1400	32.90	-37.58	39.10	-60.84	-13.00	47.84	159	74	Vertical
6	13028.3300	29.53	-37.23	39.84	-63.12	-13.00	50.12	145	195	Vertical



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Report No.: SEWM2210000221RG01

Rev.: 01

Page: 12 of 12

Test Band = LTE CA_2C_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	3742.5800	41.71	-45.68	30.13	-69.11	-13.00	56.11	215	3	Horizontal
2	5613.75	48.40	-45.04	33.07	-58.83	-13.00	45.83	145	352	Horizontal
3	7485.1600	38.57	-43.18	36.45	-63.42	-13.00	50.42	156	359	Horizontal
4	9356.4500	35.45	-40.00	38.46	-61.35	-13.00	48.35	135	224	Horizontal
5	11227.7400	33.70	-37.40	39.11	-59.85	-13.00	46.85	129	208	Horizontal
6	13099.0300	29.94	-37.00	39.87	-62.45	-13.00	49.45	185	314	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	3742.5	47.07	-45.68	30.12	-63.75	-13.00	50.75	215	358	Vertical
2	5613.8700	41.61	-45.04	33.07	-65.62	-13.00	52.62	148	29	Vertical
3	7485.1600	38.58	-43.18	36.45	-63.41	-13.00	50.41	196	120	Vertical
4	9356.4500	34.51	-40.00	38.46	-62.29	-13.00	49.29	152	210	Vertical
5	11227.7400	33.37	-37.40	39.11	-60.18	-13.00	47.18	136	103	Vertical
6	13099.0300	29.96	-37.00	39.87	-62.43	-13.00	49.43	261	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) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

---End of Attachment---

