



Appendix B. Test Results of Radiated Test

ERP/EIRP

LTE Band 2 / 1.4MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	3	19.57	0.0906	21.59	0.1442
Middle		3	3	20.78	0.1197	22.43	0.1750
Highest		3	3	21.10	0.1288	23.22	0.2099
Lowest	16QAM	1	0	18.66	0.0735	20.73	0.1183
Middle		1	0	19.85	0.0966	21.43	0.1390
Highest		1	0	20.05	0.1012	22.15	0.1641
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	19.56	0.0904	21.64	0.1459
Middle		1	0	20.73	0.1183	22.42	0.1746
Highest		1	0	21.29	0.1346	23.19	0.2084
Lowest	16QAM	1	0	18.69	0.0740	20.71	0.1178
Middle		1	0	19.88	0.0973	21.61	0.1449
Highest		1	0	20.37	0.1089	22.19	0.1656
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 5MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	19.24	0.0839	21.72	0.1486
Middle		1	0	20.41	0.1099	22.46	0.1762
Highest		1	0	21.03	0.1268	23.23	0.2104
Lowest	16QAM	1	12	18.81	0.0760	21.05	0.1274
Middle		1	12	20.06	0.1014	21.71	0.1483
Highest		1	12	20.56	0.1138	22.28	0.1690
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 10MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	19.35	0.0861	21.80	0.1514
Middle		1	0	20.35	0.1084	22.54	0.1795
Highest		1	0	20.74	0.1186	23.21	0.2094
Lowest	16QAM	1	0	18.62	0.0728	20.95	0.1245
Middle		1	0	19.53	0.0897	21.65	0.1462
Highest		1	0	20.00	0.1000	22.32	0.1706
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 15MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	19.47	0.0885	21.97	0.1574
Middle		1	0	20.34	0.1081	22.56	0.1803
Highest		1	0	20.79	0.1199	23.09	0.2037
Lowest	16QAM	1	0	18.65	0.0733	21.06	0.1276
Middle		1	0	19.49	0.0889	21.67	0.1469
Highest		1	0	20.00	0.1000	22.19	0.1656
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 20MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	19.57	0.0906	22.04	0.1600
Middle		1	0	20.32	0.1076	22.61	0.1824
Highest		1	0	20.93	0.1239	22.97	0.1982
Lowest	16QAM	1	0	18.77	0.0753	21.21	0.1321
Middle		1	0	19.53	0.0897	21.78	0.1507
Highest		1	0	20.10	0.1023	22.17	0.1648
Limit	EIRP < 2W			Result		PASS	



LTE Band 4 / 1.4MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	1	17.28	0.0535	19.69	0.0931
Middle		3	1	16.98	0.0499	19.69	0.0931
Highest		3	1	17.25	0.0531	20.02	0.1005
Lowest	16QAM	1	5	15.96	0.0394	18.62	0.0728
Middle		1	5	15.76	0.0377	18.70	0.0741
Highest		1	5	16.22	0.0419	19.12	0.0817
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	17.16	0.0520	19.65	0.0923
Middle		1	0	16.92	0.0492	19.61	0.0914
Highest		1	0	17.10	0.0513	19.96	0.0991
Lowest	16QAM	1	0	15.94	0.0393	18.67	0.0736
Middle		1	0	15.91	0.0390	18.84	0.0766
Highest		1	0	16.25	0.0422	19.30	0.0851
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 5MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	17.52	0.0565	19.66	0.0925
Middle		1	12	17.04	0.0506	19.65	0.0923
Highest		1	12	17.44	0.0555	19.96	0.0991
Lowest	16QAM	1	0	15.93	0.0392	18.57	0.0719
Middle		1	0	15.84	0.0384	18.76	0.0752
Highest		1	0	16.21	0.0418	19.17	0.0826
Limit	EIRP < 1W			Result		PASS	



LTE Band 4 / 10MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	17.15	0.0519	19.63	0.0918
Middle		1	0	16.95	0.0495	19.60	0.0912
Highest		1	0	17.08	0.0511	19.77	0.0948
Lowest	16QAM	1	0	16.02	0.0400	18.75	0.0750
Middle		1	0	16.05	0.0403	18.88	0.0773
Highest		1	0	16.20	0.0417	19.05	0.0804
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 15MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	17.21	0.0526	19.72	0.0938
Middle		1	0	17.06	0.0508	19.68	0.0929
Highest		1	0	17.11	0.0514	19.78	0.0951
Lowest	16QAM	1	0	16.09	0.0406	18.61	0.0726
Middle		1	0	16.23	0.0420	18.91	0.0778
Highest		1	0	16.12	0.0409	19.05	0.0804
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 20MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	17.25	0.0531	19.77	0.0948
Middle		1	0	17.21	0.0526	19.72	0.0938
Highest		1	0	17.09	0.0512	19.77	0.0948
Lowest	16QAM	1	0	16.41	0.0438	18.86	0.0769
Middle		1	0	16.45	0.0442	18.97	0.0789
Highest		1	0	16.15	0.0412	18.96	0.0787
Limit	EIRP < 1W			Result		PASS	



LTE Band 5 / 1.4MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	3	1.37	0.0014	13.74	0.0237
Middle		3	3	0.49	0.0011	13.85	0.0243
Highest		3	3	-0.25	0.0009	13.54	0.0226
Lowest	16QAM	1	0	0.36	0.0011	12.61	0.0182
Middle		1	0	-0.42	0.0009	12.96	0.0198
Highest		1	0	-1.05	0.0008	12.73	0.0187
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	1.44	0.0014	13.73	0.0236
Middle		1	0	0.66	0.0012	13.87	0.0244
Highest		1	0	0.03	0.0010	13.55	0.0226
Lowest	16QAM	1	0	0.55	0.0011	12.84	0.0192
Middle		1	0	-0.09	0.0010	13.04	0.0201
Highest		1	0	-0.66	0.0009	12.99	0.0199
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 5MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	2.07	0.0016	13.87	0.0244
Middle		1	12	0.95	0.0012	13.97	0.0249
Highest		1	12	0.29	0.0011	13.68	0.0233
Lowest	16QAM	1	12	1.33	0.0014	13.04	0.0201
Middle		1	12	0.14	0.0010	13.15	0.0207
Highest		1	12	-0.44	0.0009	12.92	0.0196
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 10MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	1.40	0.0014	13.77	0.0238
Middle		1	0	0.98	0.0013	13.94	0.0248
Highest		1	0	0.50	0.0011	13.53	0.0225
Lowest	16QAM	1	0	0.57	0.0011	12.89	0.0195
Middle		1	0	0.38	0.0011	13.25	0.0211
Highest		1	0	-0.27	0.0009	12.64	0.0184
Limit	ERP < 7W			Result		PASS	



LTE Band 7 / 5MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	18.81	0.0760	21.19	0.1315
Middle		1	12	19.31	0.0853	21.28	0.1343
Highest		1	12	19.08	0.0809	20.63	0.1156
Lowest	16QAM	1	12	18.01	0.0632	20.29	0.1069
Middle		1	12	18.44	0.0698	20.47	0.1114
Highest		1	12	18.73	0.0746	20.41	0.1099
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	18.16	0.0655	20.81	0.1205
Middle		1	49	18.86	0.0769	21.17	0.1309
Highest		1	49	18.65	0.0733	20.52	0.1127
Lowest	16QAM	1	49	17.89	0.0615	20.24	0.1057
Middle		1	49	18.20	0.0661	20.39	0.1094
Highest		1	49	18.33	0.0681	20.20	0.1047
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 15MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	17.38	0.0547	20.07	0.1016
Middle		1	74	17.77	0.0598	20.26	0.1062
Highest		1	74	17.77	0.0598	20.03	0.1007
Lowest	16QAM	1	74	17.43	0.0553	20.17	0.1040
Middle		1	74	17.89	0.0615	20.36	0.1086
Highest		1	74	17.85	0.0610	20.18	0.1042
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 20MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	99	17.49	0.0561	19.95	0.0989
Middle		1	99	17.41	0.0551	19.65	0.0923
Highest		1	99	17.98	0.0628	19.86	0.0968
Lowest	16QAM	1	99	18.59	0.0723	21.08	0.1282
Middle		1	99	18.63	0.0729	20.91	0.1233
Highest		1	99	18.90	0.0776	20.75	0.1189
Limit	EIRP < 2W			Result		PASS	



LTE Band 12 / 1.4MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	0	-0.88	0.0008	8.11	0.0065
Middle		3	0	-1.04	0.0008	8.12	0.0065
Highest		3	0	-1.37	0.0007	8.19	0.0066
Lowest	16QAM	1	0	-1.64	0.0007	7.43	0.0055
Middle		1	0	-2.09	0.0006	7.05	0.0051
Highest		1	0	-2.20	0.0006	7.26	0.0053
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 3MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	-0.89	0.0008	8.04	0.0064
Middle		1	0	-1.02	0.0008	8.09	0.0064
Highest		1	0	-1.35	0.0007	8.23	0.0067
Lowest	16QAM	1	0	-1.50	0.0007	7.47	0.0056
Middle		1	0	-1.95	0.0006	7.08	0.0051
Highest		1	0	-2.09	0.0006	7.52	0.0056
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 5MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	-0.94	0.0008	7.99	0.0063
Middle		1	12	-0.87	0.0008	7.98	0.0063
Highest		1	12	-1.17	0.0008	8.14	0.0065
Lowest	16QAM	1	12	-1.66	0.0007	7.15	0.0052
Middle		1	12	-1.79	0.0007	7.01	0.0050
Highest		1	12	-1.81	0.0007	7.26	0.0053
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 10MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	49	-0.94	0.0008	7.92	0.0062
Middle		1	49	-0.89	0.0008	8.02	0.0063
Highest		1	49	-1.20	0.0008	7.96	0.0063
Lowest	16QAM	1	49	-1.71	0.0007	7.05	0.0051
Middle		1	49	-1.52	0.0007	7.33	0.0054
Highest		1	49	-2.01	0.0006	7.09	0.0051
Limit	ERP < 3W			Result		PASS	



LTE Band 17 / 5MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	-1.11	0.0008	7.87	0.0061
Middle		1	12	-0.95	0.0008	7.87	0.0061
Highest		1	12	-1.28	0.0007	7.93	0.0062
Lowest	16QAM	1	12	-2.00	0.0006	6.86	0.0049
Middle		1	12	-1.59	0.0007	7.20	0.0052
Highest		1	12	-1.94	0.0006	7.18	0.0052
Limit	ERP < 3W			Result		PASS	

LTE Band 17 / 10MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	49	-1.09	0.0008	7.89	0.0062
Middle		1	49	-1.16	0.0008	7.88	0.0061
Highest		1	49	-1.28	0.0007	7.84	0.0061
Lowest	16QAM	1	49	-1.75	0.0007	7.25	0.0053
Middle		1	49	-1.87	0.0007	7.18	0.0052
Highest		1	49	-2.11	0.0006	7.09	0.0051
Limit	ERP < 3W			Result		PASS	



LTE Band 38 / 5MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	18.95	0.0785	20.85	0.1216
Middle		1	12	18.83	0.0764	20.47	0.1114
Highest		1	12	19.68	0.0929	20.25	0.1059
Lowest	16QAM	1	12	18.91	0.0778	20.81	0.1205
Middle		1	12	18.80	0.0759	20.43	0.1104
Highest		1	12	18.57	0.0719	19.88	0.0973
Limit	EIRP < 2W			Result		PASS	

LTE Band 38 / 10MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	20.02	0.1005	20.73	0.1183
Middle		1	49	19.63	0.0918	20.42	0.1102
Highest		1	49	20.00	0.1000	20.66	0.1164
Lowest	16QAM	1	49	19.90	0.0977	20.63	0.1156
Middle		1	49	19.40	0.0871	20.21	0.1050
Highest		1	49	19.16	0.0824	19.85	0.0966
Limit	EIRP < 2W			Result		PASS	

LTE Band 38 / 15MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	19.34	0.0859	20.53	0.1130
Middle		1	74	18.93	0.0782	20.21	0.1050
Highest		1	74	19.19	0.0830	20.45	0.1109
Lowest	16QAM	1	74	19.30	0.0851	20.49	0.1119
Middle		1	74	18.84	0.0766	20.13	0.1030
Highest		1	74	18.57	0.0719	19.82	0.0959
Limit	EIRP < 2W			Result		PASS	

LTE Band 38 / 20MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	99	19.75	0.0944	20.42	0.1102
Middle		1	99	19.47	0.0885	20.06	0.1014
Highest		1	99	19.67	0.0927	20.32	0.1076
Lowest	16QAM	1	99	19.86	0.0968	20.48	0.1117
Middle		1	99	19.51	0.0893	20.12	0.1028
Highest		1	99	19.20	0.0832	19.86	0.0968
Limit	EIRP < 2W			Result		PASS	