



Appendix B. Test Results of Radiated Test

ERP/ERIP



LTE Band 2 / 1.4MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	1	24.12	0.2582	22.49	0.1774
Middle		3	1	23.72	0.2355	21.90	0.1549
Highest		3	1	23.81	0.2404	21.09	0.1285
Lowest	16QAM	1	5	23.23	0.2104	22.20	0.1660
Middle		1	5	23.30	0.2138	21.71	0.1483
Highest		1	5	23.41	0.2193	20.42	0.1102
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	8	23.78	0.2388	22.65	0.1841
Middle		1	8	23.40	0.2188	21.70	0.1479
Highest		1	8	23.82	0.2410	20.86	0.1219
Lowest	16QAM	1	0	23.87	0.2438	22.39	0.1734
Middle		1	0	23.23	0.2104	21.89	0.1545
Highest		1	0	23.51	0.2244	20.85	0.1216
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	24	23.70	0.2344	22.65	0.1841
Middle		1	24	23.48	0.2228	21.67	0.1469
Highest		1	24	23.56	0.2270	20.79	0.1199
Lowest	16QAM	1	0	23.81	0.2404	22.45	0.1758
Middle		1	0	23.32	0.2148	21.80	0.1514
Highest		1	0	23.34	0.2158	20.82	0.1208
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	25	24.13	0.2588	22.60	0.1820
Middle		1	25	23.68	0.2333	22.12	0.1629
Highest		1	25	23.65	0.2317	21.07	0.1279
Lowest	16QAM	1	0	23.85	0.2427	22.70	0.1862
Middle		1	0	23.45	0.2213	22.01	0.1589
Highest		1	0	23.02	0.2004	21.14	0.1300
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	24.07	0.2553	22.59	0.1816
Middle		1	0	24.00	0.2512	22.38	0.1730
Highest		1	0	23.09	0.2037	21.28	0.1343
Lowest	16QAM	1	0	23.93	0.2472	22.59	0.1816
Middle		1	0	23.62	0.2301	22.13	0.1633
Highest		1	0	23.16	0.2070	20.60	0.1148
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	49	24.72	0.2965	22.65	0.1841
Middle		1	49	24.08	0.2559	22.03	0.1596
Highest		1	49	23.85	0.2427	21.48	0.1406
Lowest	16QAM	1	49	24.09	0.2564	22.35	0.1718
Middle		1	49	23.89	0.2449	21.79	0.1510
Highest		1	49	23.39	0.2183	20.67	0.1167
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	1	3	22.93	0.1963	22.69	0.1858
Middle		1	3	22.04	0.1600	22.69	0.1858
Highest		1	3	22.74	0.1879	23.00	0.1995
Lowest	16QAM	1	0	22.41	0.1742	22.15	0.1641
Middle		1	0	21.51	0.1416	22.00	0.1585
Highest		1	0	22.05	0.1603	22.53	0.1791
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	8	21.43	0.1390	22.59	0.1816
Middle		1	8	22.07	0.1611	22.97	0.1982
Highest		1	8	23.13	0.2056	23.51	0.2244
Lowest	16QAM	1	0	22.15	0.1641	21.91	0.1552
Middle		1	0	21.62	0.1452	22.05	0.1603
Highest		1	0	22.16	0.1644	22.28	0.1690
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	22.97	0.1982	22.57	0.1807
Middle		1	12	22.06	0.1607	22.53	0.1791
Highest		1	12	22.52	0.1786	22.77	0.1892
Lowest	16QAM	1	0	22.17	0.1648	22.08	0.1614
Middle		1	0	21.17	0.1309	21.58	0.1439
Highest		1	0	21.88	0.1542	22.21	0.1663
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	21.08	0.1282	22.73	0.1875
Middle		1	0	22.11	0.1626	22.80	0.1905
Highest		1	0	23.04	0.2014	23.45	0.2213
Lowest	16QAM	1	0	21.89	0.1545	22.32	0.1706
Middle		1	0	21.79	0.1510	22.02	0.1592
Highest		1	0	21.26	0.1337	21.97	0.1574
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	22.75	0.1884	22.72	0.1871
Middle		1	0	22.23	0.1671	22.49	0.1774
Highest		1	0	22.21	0.1663	22.80	0.1905
Lowest	16QAM	1	0	21.99	0.1581	22.13	0.1633
Middle		1	0	21.51	0.1416	21.77	0.1503
Highest		1	0	21.61	0.1449	22.12	0.1629
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	21.82	0.1521	22.85	0.1928
Middle		1	0	22.13	0.1633	22.87	0.1936
Highest		1	0	22.59	0.1816	23.21	0.2094
Lowest	16QAM	1	0	22.46	0.1762	22.53	0.1791
Middle		1	0	21.76	0.1500	22.13	0.1633
Highest		1	0	21.72	0.1486	22.08	0.1614
Limit	EIRP < 1W			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	1	3	2.75	0.0019	18.95	0.0785
Middle		1	3	2.33	0.0017	19.15	0.0822
Highest		1	3	2.17	0.0016	19.15	0.0822
Lowest	16QAM	3	0	1.27	0.0013	17.40	0.0550
Middle		3	0	0.58	0.0011	17.14	0.0518
Highest		3	0	0.25	0.0011	17.27	0.0533
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	2.95	0.0020	18.98	0.0791
Middle		1	0	2.32	0.0017	19.13	0.0818
Highest		1	0	2.33	0.0017	19.21	0.0834
Lowest	16QAM	1	0	-0.81	0.0008	16.98	0.0499
Middle		1	0	-1.04	0.0008	17.44	0.0555
Highest		1	0	-1.41	0.0007	17.41	0.0551
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	0.91	0.0012	19.26	0.0843
Middle		1	12	0.32	0.0011	18.99	0.0793
Highest		1	12	0.37	0.0011	19.34	0.0859
Lowest	16QAM	1	12	-0.76	0.0008	17.49	0.0561
Middle		1	12	-0.88	0.0008	17.61	0.0577
Highest		1	12	-0.82	0.0008	17.91	0.0618
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	0.68	0.0012	19.30	0.0851
Middle		1	49	0.88	0.0012	18.90	0.0776
Highest		1	49	1.09	0.0013	19.65	0.0923
Lowest	16QAM	1	49	-0.85	0.0008	17.65	0.0582
Middle		1	49	-0.94	0.0008	17.32	0.0540
Highest		1	49	-0.75	0.0008	17.90	0.0617
Limit	ERP < 3W			Result		PASS	