



## Appendix B. Test Results of EIRP Test

### EIRP

LTE Band 7 / 5MHz (Average) (GT - LC = 0.9 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	21.41	0.1384	22.31	0.1702
Middle		1	12	21.58	0.1439	22.48	0.1770
Highest		1	12	21.58	0.1439	22.48	0.1770
Lowest	16QAM	1	0	21.00	0.1259	21.90	0.1549
Middle		1	0	20.98	0.1253	21.88	0.1542
Highest		1	0	20.73	0.1183	21.63	0.1455
Lowest	64QAM	1	0	19.79	0.0953	20.69	0.1172
Middle		1	0	19.76	0.0946	20.66	0.1164
Highest		1	0	19.85	0.0966	20.75	0.1189
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz (Average) (GT - LC = 0.9 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.54	0.1426	22.44	0.1754
Middle		1	0	21.61	0.1449	22.51	0.1782
Highest		1	0	21.52	0.1419	22.42	0.1746
Lowest	16QAM	1	0	21.00	0.1259	21.90	0.1549
Middle		1	0	20.78	0.1197	21.68	0.1472
Highest		1	0	20.99	0.1256	21.89	0.1545
Lowest	64QAM	1	0	19.62	0.0916	20.52	0.1127
Middle		1	0	19.86	0.0968	20.76	0.1191
Highest		1	0	19.89	0.0975	20.79	0.1199
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 15MHz (Average) (GT - LC = 0.9 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.56	0.1432	22.46	0.1762
Middle		1	0	21.74	0.1493	22.64	0.1837
Highest		1	0	21.65	0.1462	22.55	0.1799
Lowest	16QAM	1	0	20.91	0.1233	21.81	0.1517
Middle		1	0	20.93	0.1239	21.83	0.1524
Highest		1	0	20.99	0.1256	21.89	0.1545
Lowest	64QAM	1	0	20.00	0.1000	20.90	0.1230
Middle		1	0	19.73	0.0940	20.63	0.1156
Highest		1	0	19.95	0.0989	20.85	0.1216
Limit	EIRP < 2W			Result		PASS	



LTE Band 7 / 20MHz (Average) (GT - LC = 0.9 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.70	0.1479	22.60	0.1820
Middle		1	0	21.64	0.1459	22.54	0.1795
Highest		1	0	21.90	0.1549	22.80	0.1905
Lowest	16QAM	1	99	20.55	0.1135	21.45	0.1396
Middle		1	99	20.99	0.1256	21.89	0.1545
Highest		1	99	20.96	0.1247	21.86	0.1535
Lowest	64QAM	1	0	19.99	0.0998	20.89	0.1227
Middle		1	0	19.89	0.0975	20.79	0.1199
Highest		1	0	20.00	0.1000	20.90	0.1230
Limit	EIRP < 2W			Result		PASS	

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