

Appendix D: Test Data For E-UTRA Band 7

D.1: RF Output Power

Channel Bandwidth 5 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	22.89		PASS
		1	12	22.87		PASS
		1	24	22.97		PASS
		12	0	22.84		PASS
		12	6	22.58		PASS
		12	13	22.49		PASS
		25	0	22.95		PASS
	MCH	1	0	22.66		PASS
		1	12	22.32		PASS
		1	24	22.55		PASS
		12	0	22.96		PASS
		12	6	22.62		PASS
		12	13	22.62		PASS
		25	0	22.22		PASS
	HCH	1	0	22.60		PASS
		1	12	22.28		PASS
		1	24	22.59		PASS
		12	0	22.98		PASS
		12	6	22.32		PASS
		12	13	22.59		PASS
		25	0	22.90		PASS
16QAM	LCH	1	0	21.82		PASS
		1	12	22.21		PASS
		1	24	22.52		PASS
		12	0	22.23		PASS
		12	6	22.39		PASS
		12	13	22.43		PASS
		25	0	22.51		PASS
	MCH	1	0	21.96		PASS
		1	12	22.33		PASS
		1	24	22.28		PASS
		12	0	22.26		PASS
		12	6	22.22		PASS
		12	13	22.18		PASS
		25	0	21.96		PASS
HCH	1	0	22.15		PASS	

		1	12	22.31		PASS
		1	24	22.25		PASS
		12	0	21.86		PASS
		12	6	22.16		PASS
		12	13	22.59		PASS
		25	0	21.93		PASS

Channel Bandwidth 10 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	22.87		PASS
		1	24	22.41		PASS
		1	49	22.92		PASS
		25	0	22.77		PASS
		25	12	22.42		PASS
		25	25	22.37		PASS
		50	0	22.75		PASS
	MCH	1	0	22.93		PASS
		1	24	22.99		PASS
		1	49	22.67		PASS
		25	0	22.55		PASS
		25	12	22.32		PASS
		25	25	22.80		PASS
		50	0	22.58		PASS
	HCH	1	0	22.40		PASS
		1	24	22.31		PASS
		1	49	22.50		PASS
		25	0	22.96		PASS
		25	12	22.68		PASS
		25	25	22.89		PASS
		50	0	22.55		PASS
16QAM	LCH	1	0	22.59		PASS
		1	24	22.15		PASS
		1	49	22.45		PASS
		25	0	22.57		PASS
		25	12	22.10		PASS
		25	25	21.97		PASS
		50	0	22.23		PASS
	MCH	1	0	22.16		PASS
		1	24	22.32		PASS
		1	49	22.53		PASS
		25	0	22.40		PASS
		25	12	22.47		PASS
		25	25	22.38		PASS

	HCH	50	0	22.12		PASS
		1	0	22.20		PASS
		1	24	22.50		PASS
		1	49	22.32		PASS
		25	0	22.22		PASS
		25	12	21.94		PASS
		25	25	21.93		PASS
		50	0	22.44		PASS

Channel Bandwidth 15 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	22.30		PASS
		1	37	22.49		PASS
		1	74	22.21		PASS
		37	0	22.69		PASS
		37	18	22.24		PASS
		37	38	22.49		PASS
		75	0	22.77		PASS
	MCH	1	0	22.75		PASS
		1	37	22.74		PASS
		1	74	22.34		PASS
		37	0	22.68		PASS
		37	18	22.85		PASS
		37	38	22.84		PASS
		75	0	22.28		PASS
	HCH	1	0	22.28		PASS
		1	37	22.75		PASS
		1	74	22.58		PASS
		37	0	22.78		PASS
		37	18	22.73		PASS
		37	38	22.45		PASS
		75	0	22.92		PASS
16QAM	LCH	1	0	22.55		PASS
		1	37	22.55		PASS
		1	74	22.44		PASS
		37	0	21.99		PASS
		37	18	22.28		PASS
		37	38	22.20		PASS
		75	0	22.45		PASS
	MCH	1	0	21.96		PASS
		1	37	22.12		PASS
		1	74	21.81		PASS
		37	0	22.08		PASS

		37	18	22.37		PASS
		37	38	22.43		PASS
		75	0	22.45		PASS
	HCH	1	0	22.40		PASS
		1	37	21.98		PASS
		1	74	22.24		PASS
		37	0	21.83		PASS
		37	18	22.43		PASS
		37	38	22.06		PASS
		75	0	21.91		PASS

Channel Bandwidth 20 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.10		PASS
		1	49	22.82		PASS
		1	99	22.86		PASS
		50	0	22.62		PASS
		50	25	23.30		PASS
		50	50	22.89		PASS
		100	0	22.96		PASS
	MCH	1	0	22.71		PASS
		1	49	23.20		PASS
		1	99	22.57		PASS
		50	0	22.53		PASS
		50	25	22.99		PASS
		50	50	22.99		PASS
		100	0	23.10		PASS
	HCH	1	0	22.67		PASS
		1	49	23.10		PASS
		1	99	23.30		PASS
		50	0	22.72		PASS
		50	25	22.85		PASS
		50	50	23.12		PASS
		100	0	22.86		PASS
16QAM	LCH	1	0	22.89		PASS
		1	49	22.43		PASS
		1	99	22.15		PASS
		50	0	22.44		PASS
		50	25	22.84		PASS
		50	50	22.35		PASS
		100	0	22.70		PASS
	MCH	1	0	22.17		PASS
		1	49	22.15		PASS

		1	99	22.67		PASS
		50	0	22.90		PASS
		50	25	22.73		PASS
		50	50	22.76		PASS
		100	0	22.51		PASS
	HCH	1	0	22.50		PASS
		1	49	22.89		PASS
		1	99	22.55		PASS
		50	0	22.11		PASS
		50	25	22.67		PASS
		50	50	22.56		PASS
		100	0	22.88		PASS