

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	21.77		PASS
		1	12	22.26		PASS
		1	24	21.51		PASS
		12	0	22.23		PASS
		12	6	21.59		PASS
		12	13	21.78		PASS
		25	0	21.98		PASS
	MCH	1	0	22.27		PASS
		1	12	22.45		PASS
		1	24	22.29		PASS
		12	0	21.87		PASS
		12	6	21.77		PASS
		12	13	21.92		PASS
		25	0	21.98		PASS
	HCH	1	0	22.35		PASS
		1	12	22.14		PASS
		1	24	21.64		PASS
		12	0	21.63		PASS
		12	6	22.07		PASS
		12	13	21.78		PASS
		25	0	21.68		PASS
16QAM	LCH	1	0	21.15		PASS
		1	12	20.59		PASS
		1	24	20.80		PASS
		12	0	20.86		PASS
		12	6	21.48		PASS
		12	13	20.86		PASS
		25	0	20.98		PASS
	MCH	1	0	21.12		PASS
		1	12	20.86		PASS
		1	24	21.49		PASS
		12	0	20.86		PASS
		12	6	20.61		PASS
		12	13	21.35		PASS
		25	0	20.68		PASS
HCH	1	0	20.80		PASS	

		1	12	21.27		PASS
		1	24	20.60		PASS
		12	0	20.81		PASS
		12	6	21.13		PASS
		12	13	20.67		PASS
		25	0	20.91		PASS

Channel Bandwidth 10 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	22.49		PASS
		1	24	22.05		PASS
		1	49	21.86		PASS
		25	0	22.31		PASS
		25	12	21.58		PASS
		25	25	21.59		PASS
		50	0	21.76		PASS
	MCH	1	0	21.82		PASS
		1	24	21.86		PASS
		1	49	22.44		PASS
		25	0	21.90		PASS
		25	12	22.19		PASS
		25	25	22.04		PASS
		50	0	22.06		PASS
	HCH	1	0	21.79		PASS
		1	24	22.18		PASS
		1	49	22.11		PASS
		25	0	22.48		PASS
		25	12	22.15		PASS
		25	25	21.24		PASS
		50	0	21.63		PASS
16QAM	LCH	1	0	21.35		PASS
		1	24	21.34		PASS
		1	49	21.12		PASS
		25	0	20.54		PASS
		25	12	20.79		PASS
		25	25	20.60		PASS
		50	0	20.86		PASS
	MCH	1	0	21.38		PASS
		1	24	21.21		PASS
		1	49	21.16		PASS
		25	0	20.60		PASS
		25	12	20.98		PASS
		25	25	20.58		PASS

	HCH	50	0	21.41	PASS
		1	0	20.89	PASS
		1	24	20.88	PASS
		1	49	20.87	PASS
		25	0	20.65	PASS
		25	12	21.40	PASS
		25	25	20.90	PASS
		50	0	20.92	PASS

Channel Bandwidth 15 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	21.75	PASS	
		1	37	22.38	PASS	
		1	74	22.23	PASS	
		37	0	21.80	PASS	
		37	18	21.67	PASS	
		37	38	21.51	PASS	
		75	0	22.06	PASS	
	MCH	1	0	22.30	PASS	
		1	37	22.09	PASS	
		1	74	21.83	PASS	
		37	0	22.50	PASS	
		37	18	21.87	PASS	
		37	38	21.89	PASS	
		75	0	21.54	PASS	
	HCH	1	0	21.82	PASS	
		1	37	21.93	PASS	
		1	74	21.84	PASS	
		37	0	22.37	PASS	
		37	18	21.97	PASS	
		37	38	21.12	PASS	
		75	0	21.98	PASS	
16QAM	LCH	1	0	20.94	PASS	
		1	37	20.87	PASS	
		1	74	20.56	PASS	
		37	0	21.13	PASS	
		37	18	21.33	PASS	
		37	38	21.11	PASS	
		75	0	20.66	PASS	
	MCH	1	0	21.35	PASS	
		1	37	20.96	PASS	
		1	74	20.69	PASS	
		37	0	21.33	PASS	

		37	18	20.98		PASS
		37	38	21.23		PASS
		75	0	20.95		PASS
	HCH	1	0	20.90		PASS
		1	37	21.00		PASS
		1	74	20.91		PASS
		37	0	20.95		PASS
		37	18	20.84		PASS
		37	38	20.89		PASS
		75	0	20.87		PASS

Channel Bandwidth 20 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	21.62		PASS
		1	49	22.42		PASS
		1	99	22.10		PASS
		50	0	22.24		PASS
		50	25	22.26		PASS
		50	50	21.58		PASS
		100	0	22.22		PASS
	MCH	1	0	21.55		PASS
		1	49	22.04		PASS
		1	99	21.63		PASS
		50	0	21.53		PASS
		50	25	21.94		PASS
		50	50	22.47		PASS
		100	0	21.96		PASS
	HCH	1	0	22.21		PASS
		1	49	21.72		PASS
		1	99	22.39		PASS
		50	0	21.80		PASS
		50	25	21.70		PASS
		50	50	21.36		PASS
		100	0	21.22		PASS
16QAM	LCH	1	0	21.27		PASS
		1	49	20.79		PASS
		1	99	20.56		PASS
		50	0	20.66		PASS
		50	25	20.67		PASS
		50	50	21.41		PASS
		100	0	21.42		PASS
	MCH	1	0	21.23		PASS
		1	49	20.99		PASS

		1	99	21.31		PASS
		50	0	20.89		PASS
		50	25	20.67		PASS
		50	50	21.49		PASS
		100	0	21.19		PASS
	HCH	1	0	21.19		PASS
		1	49	20.64		PASS
		1	99	20.76		PASS
		50	0	20.80		PASS
		50	25	21.21		PASS
		50	50	20.76		PASS
		100	0	20.90		PASS