

Appendix C: Test Data For E-UTRA Band 5

C.1: RF Output Power

Channel Bandwidth: 1.4 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	ERP [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	22.59		PASS
		1	3	22.72		PASS
		1	5	22.39		PASS
		3	0	22.27		PASS
		3	2	22.46		PASS
		3	3	22.22		PASS
		6	0	22.37		PASS
	MCH	1	0	22.13		PASS
		1	3	22.32		PASS
		1	5	22.67		PASS
		3	0	22.58		PASS
		3	2	22.18		PASS
		3	3	22.32		PASS
		6	0	22.73		PASS
	HCH	1	0	22.68		PASS
		1	3	22.61		PASS
		1	5	22.81		PASS
		3	0	22.32		PASS
		3	2	22.66		PASS
		3	3	22.70		PASS
		6	0	22.60		PASS
16QAM	LCH	1	0	21.77		PASS
		1	3	22.19		PASS
		1	5	21.92		PASS
		3	0	22.41		PASS
		3	2	21.77		PASS
		3	3	21.79		PASS
		6	0	21.77		PASS
	MCH	1	0	22.43		PASS
		1	3	21.86		PASS
		1	5	22.34		PASS
		3	0	22.44		PASS
		3	2	21.94		PASS
		3	3	22.18		PASS
		6	0	22.08		PASS
	HCH	1	0	22.24		PASS
		1	3	22.32		PASS
		1	5	22.38		PASS

		3	0	21.84		PASS
		3	2	21.82		PASS
		3	3	22.10		PASS
		6	0	21.84		PASS

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	ERP [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	22.31		PASS
		1	7	22.28		PASS
		1	14	22.49		PASS
		8	0	22.78		PASS
		8	4	22.13		PASS
		8	7	22.40		PASS
		15	0	22.88		PASS
	MCH	1	0	22.15		PASS
		1	7	22.82		PASS
		1	14	22.78		PASS
		8	0	22.20		PASS
		8	4	22.84		PASS
		8	7	22.82		PASS
		15	0	22.47		PASS
	HCH	1	0	22.25		PASS
		1	7	22.64		PASS
		1	14	22.78		PASS
		8	0	22.27		PASS
		8	4	22.86		PASS
		8	7	22.79		PASS
		15	0	22.84		PASS
16QAM	LCH	1	0	22.46		PASS
		1	7	22.13		PASS
		1	14	22.21		PASS
		8	0	22.34		PASS
		8	4	21.75		PASS
		8	7	22.40		PASS
		15	0	22.49		PASS
	MCH	1	0	22.34		PASS
		1	7	21.79		PASS
		1	14	22.27		PASS
		8	0	22.15		PASS
		8	4	22.42		PASS
		8	7	21.93		PASS
		15	0	21.99		PASS
HCH	1	0	21.83		PASS	

		1	7	21.97		PASS
		1	14	22.02		PASS
		8	0	22.27		PASS
		8	4	22.41		PASS
		8	7	22.42		PASS
		15	0	22.30		PASS

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	ERP [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	22.70		PASS
		1	12	22.23		PASS
		1	24	22.67		PASS
		12	0	22.35		PASS
		12	6	22.48		PASS
		12	13	22.79		PASS
		25	0	22.43		PASS
	MCH	1	0	22.41		PASS
		1	12	22.22		PASS
		1	24	22.30		PASS
		12	0	22.78		PASS
		12	6	22.78		PASS
		12	13	22.73		PASS
		25	0	22.74		PASS
	HCH	1	0	22.60		PASS
		1	12	22.22		PASS
		1	24	22.77		PASS
		12	0	22.68		PASS
		12	6	22.76		PASS
		12	13	22.80		PASS
		25	0	22.78		PASS
16QAM	LCH	1	0	22.08		PASS
		1	12	22.01		PASS
		1	24	21.80		PASS
		12	0	22.24		PASS
		12	6	22.25		PASS
		12	13	21.90		PASS
		25	0	21.99		PASS
	MCH	1	0	22.26		PASS
		1	12	21.87		PASS
		1	24	22.43		PASS
		12	0	22.28		PASS
		12	6	21.99		PASS
		12	13	22.22		PASS

		25	0	22.12		PASS
	HCH	1	0	22.02		PASS
		1	12	21.97		PASS
		1	24	22.00		PASS
		12	0	22.26		PASS
		12	6	22.21		PASS
		12	13	22.05		PASS
		25	0	22.45		PASS

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	ERP [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	22.97		PASS
		1	24	23.16		PASS
		1	49	23.07		PASS
		25	0	23.09		PASS
		25	12	22.51		PASS
		25	25	22.88		PASS
		50	0	22.64		PASS
	MCH	1	0	23.17		PASS
		1	24	23.12		PASS
		1	49	22.61		PASS
		25	0	23.12		PASS
		25	12	22.59		PASS
		25	25	23.22		PASS
		50	0	23.10		PASS
	HCH	1	0	23.18		PASS
		1	24	22.82		PASS
		1	49	22.60		PASS
		25	0	23.05		PASS
		25	12	22.80		PASS
		25	25	23.02		PASS
		50	0	22.73		PASS
16QAM	LCH	1	0	22.86		PASS
		1	24	22.86		PASS
		1	49	22.11		PASS
		25	0	22.60		PASS
		25	12	22.55		PASS
		25	25	22.41		PASS
		50	0	22.76		PASS
	MCH	1	0	22.89		PASS
		1	24	22.81		PASS
		1	49	22.48		PASS
		25	0	22.42		PASS

		25	12	22.48		PASS
		25	25	22.12		PASS
		50	0	22.67		PASS
	HCH	1	0	22.71		PASS
		1	24	22.59		PASS
		1	49	22.32		PASS
		25	0	22.75		PASS
		25	12	22.27		PASS
		25	25	22.64		PASS
		50	0	22.86		PASS