

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	22.08		PASS
		1	3	22.13		PASS
		1	5	22.32		PASS
		3	0	22.26		PASS
		3	2	22.34		PASS
		3	3	22.28		PASS
		6	0	22.22		PASS
	MCH	1	0	22.46		PASS
		1	3	22.22		PASS
		1	5	22.29		PASS
		3	0	22.23		PASS
		3	2	22.09		PASS
		3	3	22.40		PASS
		6	0	22.29		PASS
	HCH	1	0	22.37		PASS
		1	3	22.23		PASS
		1	5	22.25		PASS
		3	0	22.33		PASS
		3	2	22.48		PASS
		3	3	22.22		PASS
		6	0	22.07		PASS
16QAM	LCH	1	0	22.08		PASS
		1	3	22.13		PASS
		1	5	22.22		PASS
		3	0	22.26		PASS
		3	2	22.34		PASS
		3	3	22.38		PASS
		6	0	22.22		PASS
	MCH	1	0	22.46		PASS
		1	3	22.22		PASS
		1	5	22.29		PASS
		3	0	22.63		PASS
		3	2	22.09		PASS
		3	3	22.50		PASS
		6	0	22.29		PASS
	HCH	1	0	22.87		PASS
		1	3	22.53		PASS
		1	5	22.25		PASS

		3	0	22.73		PASS
		3	2	22.48		PASS
		3	3	22.52		PASS
		6	0	22.07		PASS

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	ERP [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	22.15		PASS
		1	7	22.12		PASS
		1	14	22.18		PASS
		8	0	22.05		PASS
		8	4	22.21		PASS
		8	7	22.16		PASS
		15	0	22.11		PASS
	MCH	1	0	22.22		PASS
		1	7	22.19		PASS
		1	14	22.35		PASS
		8	0	22.40		PASS
		8	4	22.10		PASS
		8	7	21.98		PASS
		15	0	22.17		PASS
	HCH	1	0	22.31		PASS
		1	7	22.24		PASS
		1	14	22.18		PASS
		8	0	22.13		PASS
		8	4	22.77		PASS
		8	7	22.23		PASS
		15	0	21.49		PASS
16QAM	LCH	1	0	21.95		PASS
		1	7	22.36		PASS
		1	14	22.26		PASS
		8	0	22.27		PASS
		8	4	22.20		PASS
		8	7	21.58		PASS
		15	0	22.35		PASS
	MCH	1	0	21.29		PASS
		1	7	20.93		PASS
		1	14	21.48		PASS
		8	0	21.16		PASS
		8	4	21.44		PASS
		8	7	21.82		PASS
		15	0	21.67		PASS
	HCH	1	0	21.42		PASS

		1	7	21.30		PASS
		1	14	21.59		PASS
		8	0	21.00		PASS
		8	4	21.21		PASS
		8	7	20.56		PASS
		15	0	20.61		PASS

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	ERP [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	21.95		PASS
		1	12	22.36		PASS
		1	24	22.46		PASS
		12	0	22.47		PASS
		12	6	22.20		PASS
		12	13	21.58		PASS
		25	0	22.35		PASS
	MCH	1	0	22.05		PASS
		1	12	21.94		PASS
		1	24	22.12		PASS
		12	0	22.49		PASS
		12	6	21.87		PASS
		12	13	21.58		PASS
		25	0	22.06		PASS
	HCH	1	0	21.98		PASS
		1	12	22.20		PASS
		1	24	22.09		PASS
		12	0	22.45		PASS
		12	6	21.56		PASS
		12	13	21.95		PASS
		25	0	21.23		PASS
16QAM	LCH	1	0	20.72		PASS
		1	12	21.36		PASS
		1	24	20.69		PASS
		12	0	20.88		PASS
		12	6	20.77		PASS
		12	13	21.42		PASS
		25	0	21.25		PASS
	MCH	1	0	21.50		PASS
		1	12	21.12		PASS
		1	24	21.04		PASS
		12	0	20.75		PASS
		12	6	21.00		PASS
		12	13	21.34		PASS

		25	0	21.04		PASS
	HCH	1	0	20.77		PASS
		1	12	20.84		PASS
		1	24	20.99		PASS
		12	0	20.69		PASS
		12	6	21.24		PASS
		12	13	20.52		PASS
		25	0	20.82		PASS

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	ERP [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	21.96		PASS
		1	24	21.65		PASS
		1	49	21.76		PASS
		25	0	22.49		PASS
		25	12	21.52		PASS
		25	25	21.59		PASS
		50	0	21.72		PASS
	MCH	1	0	21.99		PASS
		1	24	21.61		PASS
		1	49	21.65		PASS
		25	0	22.20		PASS
		25	12	21.66		PASS
		25	25	22.05		PASS
		50	0	22.38		PASS
	HCH	1	0	22.43		PASS
		1	24	21.97		PASS
		1	49	21.84		PASS
		25	0	21.79		PASS
		25	12	22.28		PASS
		25	25	21.06		PASS
		50	0	21.35		PASS
16QAM	LCH	1	0	21.46		PASS
		1	24	21.19		PASS
		1	49	20.50		PASS
		25	0	21.31		PASS
		25	12	20.70		PASS
		25	25	20.65		PASS
		50	0	21.42		PASS
	MCH	1	0	20.96		PASS
		1	24	21.21		PASS
		1	49	21.29		PASS
		25	0	20.92		PASS

		25	12	21.18		PASS
		25	25	21.28		PASS
		50	0	20.93		PASS
	HCH	1	0	21.50		PASS
		1	24	21.17		PASS
		1	49	20.68		PASS
		25	0	20.69		PASS
		25	12	21.00		PASS
		25	25	20.15		PASS
		50	0	20.56		PASS