

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	22.60		PASS
		1	3	22.70		PASS
		1	5	22.15		PASS
		3	0	21.76		PASS
		3	2	21.84		PASS
		3	3	21.80		PASS
		6	0	20.83		PASS
	MCH	1	0	22.27		PASS
		1	3	22.40		PASS
		1	5	22.37		PASS
		3	0	22.47		PASS
		3	2	22.43		PASS
		3	3	22.45		PASS
		6	0	21.41		PASS
	HCH	1	0	22.22		PASS
		1	3	22.28		PASS
		1	5	22.19		PASS
		3	0	22.37		PASS
		3	2	22.41		PASS
		3	3	22.38		PASS
		6	0	21.29		PASS
16QAM	LCH	1	0	20.88		PASS
		1	3	21.08		PASS
		1	5	21.04		PASS
		3	0	20.98		PASS
		3	2	20.98		PASS
		3	3	20.94		PASS
		6	0	20.12		PASS
	MCH	1	0	21.85		PASS
		1	3	21.93		PASS
		1	5	21.90		PASS
		3	0	21.61		PASS
		3	2	21.69		PASS
		3	3	21.67		PASS
		6	0	20.44		PASS
	HCH	1	0	21.60		PASS
		1	3	21.69		PASS
		1	5	21.61		PASS

		3	0	21.53		PASS
		3	2	21.61		PASS
		3	3	21.61		PASS
		6	0	20.50		PASS

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	ERP [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	21.53		PASS
		1	7	21.86		PASS
		1	14	21.70		PASS
		8	0	21.01		PASS
		8	4	20.86		PASS
		8	7	21.47		PASS
		15	0	21.54		PASS
	MCH	1	0	22.20		PASS
		1	7	22.53		PASS
		1	14	22.33		PASS
		8	0	21.40		PASS
		8	4	21.47		PASS
		8	7	21.50		PASS
		15	0	21.45		PASS
	HCH	1	0	22.28		PASS
		1	7	22.48		PASS
		1	14	22.12		PASS
		8	0	21.42		PASS
		8	4	21.38		PASS
		8	7	21.32		PASS
		15	0	21.37		PASS
16QAM	LCH	1	0	20.85		PASS
		1	7	21.11		PASS
		1	14	20.94		PASS
		8	0	20.63		PASS
		8	4	20.55		PASS
		8	7	20.87		PASS
		15	0	20.75		PASS
	MCH	1	0	21.57		PASS
		1	7	21.88		PASS
		1	14	21.64		PASS
		8	0	20.52		PASS
		8	4	20.61		PASS
		8	7	20.60		PASS
		15	0	20.50		PASS
HCH	1	0	21.69		PASS	

		1	7	21.95		PASS
		1	14	21.62		PASS
		8	0	20.47		PASS
		8	4	20.45		PASS
		8	7	20.39		PASS
		15	0	20.44		PASS

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	ERP [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	21.81		PASS
		1	12	21.91		PASS
		1	24	22.19		PASS
		12	0	21.66		PASS
		12	6	21.86		PASS
		12	13	21.80		PASS
		25	0	21.77		PASS
	MCH	1	0	22.23		PASS
		1	12	22.51		PASS
		1	24	22.41		PASS
		12	0	21.32		PASS
		12	6	21.46		PASS
		12	13	21.56		PASS
		25	0	21.46		PASS
	HCH	1	0	22.72		PASS
		1	12	22.49		PASS
		1	24	22.17		PASS
		12	0	22.01		PASS
		12	6	22.12		PASS
		12	13	21.43		PASS
		25	0	21.81		PASS
16QAM	LCH	1	0	21.42		PASS
		1	12	21.55		PASS
		1	24	22.18		PASS
		12	0	20.81		PASS
		12	6	20.94		PASS
		12	13	20.88		PASS
		25	0	20.74		PASS
	MCH	1	0	21.72		PASS
		1	12	21.98		PASS
		1	24	21.84		PASS
		12	0	20.56		PASS
		12	6	20.66		PASS
		12	13	20.75		PASS

		25	0	20.51		PASS
	HCH	1	0	21.73		PASS
		1	12	21.70		PASS
		1	24	21.34		PASS
		12	0	21.41		PASS
		12	6	21.34		PASS
		12	13	20.81		PASS
		25	0	20.86		PASS

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	ERP [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	22.69		PASS
		1	24	22.51		PASS
		1	49	22.31		PASS
		25	0	21.80		PASS
		25	12	21.85		PASS
		25	25	21.37		PASS
		50	0	21.68		PASS
	MCH	1	0	22.20		PASS
		1	24	22.51		PASS
		1	49	22.55		PASS
		25	0	21.27		PASS
		25	12	21.45		PASS
		25	25	21.61		PASS
		50	0	21.47		PASS
	HCH	1	0	23.36		PASS
		1	24	23.07		PASS
		1	49	22.74		PASS
		25	0	22.57		PASS
		25	12	22.53		PASS
		25	25	22.24		PASS
		50	0	22.46		PASS
16QAM	LCH	1	0	21.44		PASS
		1	24	21.81		PASS
		1	49	21.67		PASS
		25	0	20.96		PASS
		25	12	21.04		PASS
		25	25	20.59		PASS
		50	0	20.92		PASS
	MCH	1	0	21.59		PASS
		1	24	21.84		PASS
		1	49	21.80		PASS
		25	0	20.33		PASS

		25	12	20.49		PASS
		25	25	20.65		PASS
		50	0	20.84		PASS
	HCH	1	0	22.86		PASS
		1	24	22.82		PASS
		1	49	22.75		PASS
		25	0	21.58		PASS
		25	12	21.54		PASS
		25	25	21.25		PASS
		50	0	21.46		PASS