

Appendix A: Test Data For E-UTRA Band 2

A.1: RF Output Power

Channel Bandwidth: 1.4 MHz

Channel Bandwidth 1.4 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	22.53		PASS
		1	3	23.42		PASS
		1	5	23.28		PASS
		3	0	22.94		PASS
		3	2	22.93		PASS
		3	3	23.41		PASS
		6	0	22.79		PASS
	MCH	1	0	23.33		PASS
		1	3	22.90		PASS
		1	5	22.72		PASS
		3	0	22.54		PASS
		3	2	22.95		PASS
		3	3	23.43		PASS
		6	0	22.89		PASS
	HCH	1	0	22.70		PASS
		1	3	23.41		PASS
		1	5	22.75		PASS
		3	0	23.22		PASS
		3	2	22.91		PASS
		3	3	22.25		PASS
		6	0	22.72		PASS
16QAM	LCH	1	0	21.96		PASS
		1	3	21.80		PASS
		1	5	22.38		PASS
		3	0	22.09		PASS
		3	2	21.80		PASS
		3	3	22.04		PASS
		6	0	21.94		PASS
	MCH	1	0	22.17		PASS
		1	3	22.31		PASS
		1	5	21.77		PASS
		3	0	21.79		PASS
		3	2	22.04		PASS
		3	3	21.78		PASS
		6	0	21.70		PASS

	HCH	1	0	22.17		PASS
		1	3	21.95		PASS
		1	5	22.45		PASS
		3	0	22.49		PASS
		3	2	22.12		PASS
		3	3	21.33		PASS
		6	0	21.40		PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth 3 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	22.80		PASS
		1	7	23.08		PASS
		1	14	22.65		PASS
		8	0	22.58		PASS
		8	4	22.51		PASS
		8	7	22.47		PASS
		15	0	22.06		PASS
	MCH	1	0	22.73		PASS
		1	7	23.26		PASS
		1	14	23.19		PASS
		8	0	22.56		PASS
		8	4	22.62		PASS
		8	7	22.32		PASS
		15	0	22.07		PASS
	HCH	1	0	22.84		PASS
		1	7	23.10		PASS
		1	14	22.36		PASS
		8	0	22.52		PASS
		8	4	22.71		PASS
		8	7	21.89		PASS
		15	0	22.03		PASS
16QAM	LCH	1	0	21.85		PASS
		1	7	21.79		PASS
		1	14	21.55		PASS
		8	0	21.34		PASS
		8	4	21.93		PASS
		8	7	21.55		PASS
		15	0	21.15		PASS
	MCH	1	0	21.96		PASS
		1	7	21.79		PASS

		1	14	21.50		PASS
		8	0	21.82		PASS
		8	4	21.58		PASS
		8	7	21.98		PASS
		15	0	21.82		PASS
	HCH	1	0	21.36		PASS
		1	7	22.23		PASS
		1	14	22.06		PASS
		8	0	21.89		PASS
		8	4	21.45		PASS
		8	7	20.91		PASS
		15	0	21.08		PASS

Channel Bandwidth: 5 MHz

Channel Bandwidth 5 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	22.05		PASS
		1	12	22.13		PASS
		1	24	22.97		PASS
		12	0	22.48		PASS
		12	6	22.70		PASS
		12	13	22.41		PASS
		25	0	22.15		PASS
	MCH	1	0	22.05		PASS
		1	12	22.79		PASS
		1	24	22.06		PASS
		12	0	22.83		PASS
		12	6	22.46		PASS
		12	13	22.14		PASS
		25	0	22.46		PASS
	HCH	1	0	22.04		PASS
		1	12	22.03		PASS
		1	24	22.90		PASS
		12	0	22.20		PASS
		12	6	22.27		PASS
		12	13	22.45		PASS
		25	0	22.10		PASS
16QAM	LCH	1	0	21.46		PASS
		1	12	21.18		PASS
		1	24	21.20		PASS
		12	0	21.09		PASS

		12	6	21.34		PASS
		12	13	21.67		PASS
		25	0	21.11		PASS
	MCH	1	0	21.07		PASS
		1	12	21.80		PASS
		1	24	21.88		PASS
		12	0	21.17		PASS
		12	6	21.60		PASS
		12	13	21.34		PASS
		25	0	21.37		PASS
	HCH	1	0	21.38		PASS
		1	12	21.81		PASS
		1	24	21.53		PASS
		12	0	21.82		PASS
		12	6	21.83		PASS
		12	13	21.03		PASS
		25	0	20.97		PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth 10 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	22.72		PASS
		1	24	22.44		PASS
		1	49	22.65		PASS
		25	0	21.92		PASS
		25	12	21.82		PASS
		25	25	22.19		PASS
		50	0	22.08		PASS
	MCH	1	0	22.73		PASS
		1	24	22.54		PASS
		1	49	22.74		PASS
		25	0	22.64		PASS
		25	12	22.73		PASS
		25	25	22.37		PASS
		50	0	22.55		PASS
	HCH	1	0	22.24		PASS
		1	24	21.95		PASS
		1	49	22.79		PASS
		25	0	21.89		PASS
		25	12	21.94		PASS
		25	25	21.88		PASS

		50	0	21.41		PASS
16QAM	LCH	1	0	20.95		PASS
		1	24	21.34		PASS
		1	49	21.25		PASS
		25	0	20.93		PASS
		25	12	21.17		PASS
		25	25	21.43		PASS
		50	0	21.01		PASS
	MCH	1	0	21.20		PASS
		1	24	21.63		PASS
		1	49	21.39		PASS
		25	0	20.94		PASS
		25	12	21.75		PASS
		25	25	21.22		PASS
		50	0	21.52		PASS
	HCH	1	0	21.19		PASS
		1	24	21.46		PASS
		1	49	21.68		PASS
		25	0	21.37		PASS
		25	12	21.18		PASS
		25	25	21.25		PASS
		50	0	20.83		PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth 15 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	21.77		PASS
		1	37	21.80		PASS
		1	74	22.03		PASS
		37	0	21.52		PASS
		37	18	21.53		PASS
		37	38	21.91		PASS
		75	0	21.40		PASS
	MCH	1	0	21.81		PASS
		1	37	21.90		PASS
		1	74	21.90		PASS
		37	0	22.16		PASS
		37	18	21.55		PASS
		37	38	22.38		PASS
		75	0	21.88		PASS
	HCH	1	0	21.68		PASS

		1	37	21.66		PASS
		1	74	22.16		PASS
		37	0	22.09		PASS
		37	18	21.94		PASS
		37	38	21.25		PASS
		75	0	21.01		PASS
16QAM	LCH	1	0	21.31		PASS
		1	37	21.41		PASS
		1	74	20.78		PASS
		37	0	20.92		PASS
		37	18	21.26		PASS
		37	38	21.17		PASS
		75	0	20.61		PASS
	MCH	1	0	21.26		PASS
		1	37	20.71		PASS
		1	74	20.92		PASS
		37	0	20.63		PASS
		37	18	21.24		PASS
		37	38	21.20		PASS
		75	0	21.50		PASS
	HCH	1	0	20.94		PASS
		1	37	20.95		PASS
		1	74	20.79		PASS
		37	0	21.39		PASS
		37	18	20.90		PASS
		37	38	20.69		PASS
		75	0	20.74		PASS

Channel Bandwidth: 20 MHz

Channel Bandwidth 20 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	21.75		PASS
		1	49	21.86		PASS
		1	99	22.48		PASS
		50	0	21.57		PASS
		50	25	21.95		PASS
		50	50	22.16		PASS
		100	0	21.75		PASS
	MCH	1	0	22.39		PASS
		1	49	21.84		PASS
		1	99	21.70		PASS

		50	0	21.96		PASS
		50	25	22.13		PASS
		50	50	21.83		PASS
		100	0	21.66		PASS
	HCH	1	0	21.55		PASS
		1	49	21.63		PASS
		1	99	21.60		PASS
		50	0	21.44		PASS
		50	25	21.59		PASS
		50	50	21.54		PASS
		100	0	21.09		PASS
16QAM	LCH	1	0	20.66		PASS
		1	49	20.94		PASS
		1	99	21.42		PASS
		50	0	20.91		PASS
		50	25	21.36		PASS
		50	50	21.14		PASS
		100	0	21.48		PASS
	MCH	1	0	21.21		PASS
		1	49	21.36		PASS
		1	99	21.22		PASS
		50	0	20.88		PASS
		50	25	21.27		PASS
		50	50	20.60		PASS
		100	0	21.11		PASS
	HCH	1	0	21.47		PASS
		1	49	20.55		PASS
		1	99	21.35		PASS
		50	0	21.27		PASS
		50	25	20.88		PASS
		50	50	20.78		PASS
		100	0	20.39		PASS