

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	23.28		PASS
		1	3	23.45		PASS
		1	5	22.67		PASS
		3	0	23.15		PASS
		3	2	23.29		PASS
		3	3	22.59		PASS
		6	0	23.12		PASS
	MCH	1	0	22.97		PASS
		1	3	23.25		PASS
		1	5	23.40		PASS
		3	0	22.54		PASS
		3	2	22.82		PASS
		3	3	23.11		PASS
		6	0	23.08		PASS
	HCH	1	0	22.98		PASS
		1	3	23.29		PASS
		1	5	23.34		PASS
		3	0	22.64		PASS
		3	2	22.62		PASS
		3	3	22.95		PASS
		6	0	22.73		PASS
16QAM	LCH	1	0	21.57		PASS
		1	3	22.09		PASS
		1	5	21.61		PASS
		3	0	21.84		PASS
		3	2	21.56		PASS
		3	3	21.50		PASS
		6	0	21.20		PASS
	MCH	1	0	22.33		PASS
		1	3	21.74		PASS
		1	5	21.86		PASS
		3	0	22.15		PASS
		3	2	22.17		PASS
		3	3	21.54		PASS
		6	0	22.50		PASS

	HCH	1	0	21.57		PASS
		1	3	21.53		PASS
		1	5	21.88		PASS
		3	0	21.50		PASS
		3	2	21.59		PASS
		3	3	21.37		PASS
		6	0	21.14		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	23.27		PASS
		1	7	22.80		PASS
		1	14	22.50		PASS
		8	0	22.97		PASS
		8	4	23.10		PASS
		8	7	22.56		PASS
		15	0	22.63		PASS
	MCH	1	0	22.62		PASS
		1	7	22.59		PASS
		1	14	22.48		PASS
		8	0	22.51		PASS
		8	4	22.39		PASS
		8	7	22.17		PASS
		15	0	22.33		PASS
	HCH	1	0	22.92		PASS
		1	7	22.54		PASS
		1	14	23.02		PASS
		8	0	22.50		PASS
		8	4	22.69		PASS
		8	7	22.14		PASS
		15	0	22.09		PASS
16QAM	LCH	1	0	22.12		PASS
		1	7	21.75		PASS
		1	14	21.58		PASS
		8	0	22.04		PASS
		8	4	21.79		PASS
		8	7	22.02		PASS
		15	0	21.95		PASS
	MCH	1	0	21.96		PASS
		1	7	21.41		PASS

		1	14	21.57		PASS
		8	0	21.23		PASS
		8	4	21.37		PASS
		8	7	21.37		PASS
		15	0	21.18		PASS
	HCH	1	0	21.32		PASS
		1	7	21.35		PASS
		1	14	21.40		PASS
		8	0	21.26		PASS
		8	4	21.32		PASS
		8	7	21.32		PASS
		15	0	21.22		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	22.75		PASS
		1	12	22.38		PASS
		1	24	22.11		PASS
		12	0	22.64		PASS
		12	6	22.14		PASS
		12	13	22.44		PASS
		25	0	22.09		PASS
	MCH	1	0	22.64		PASS
		1	12	22.43		PASS
		1	24	22.85		PASS
		12	0	22.61		PASS
		12	6	22.54		PASS
		12	13	22.32		PASS
		25	0	22.24		PASS
	HCH	1	0	22.60		PASS
		1	12	22.14		PASS
		1	24	22.31		PASS
		12	0	22.54		PASS
		12	6	22.13		PASS
		12	13	21.52		PASS
		25	0	22.34		PASS
16QAM	LCH	1	0	21.45		PASS
		1	12	21.27		PASS
		1	24	21.46		PASS
		12	0	21.12		PASS

		12	6	21.33		PASS
		12	13	21.39		PASS
		25	0	21.16		PASS
	MCH	1	0	21.38		PASS
		1	12	21.72		PASS
		1	24	21.49		PASS
		12	0	21.64		PASS
		12	6	21.55		PASS
		12	13	21.13		PASS
		25	0	21.35		PASS
	HCH	1	0	21.70		PASS
		1	12	21.21		PASS
		1	24	21.79		PASS
		12	0	21.38		PASS
		12	6	21.65		PASS
		12	13	20.51		PASS
		25	0	21.34		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	22.81		PASS
		1	24	22.03		PASS
		1	49	22.11		PASS
		25	0	22.34		PASS
		25	12	22.73		PASS
		25	25	22.01		PASS
		50	0	22.54		PASS
	MCH	1	0	21.85		PASS
		1	24	21.95		PASS
		1	49	22.63		PASS
		25	0	22.02		PASS
		25	12	22.39		PASS
		25	25	22.03		PASS
		50	0	22.11		PASS
	HCH	1	0	22.56		PASS
		1	24	21.84		PASS
		1	49	21.95		PASS
		25	0	22.08		PASS
		25	12	21.85		PASS
		25	25	21.96		PASS

		50	0	21.77		PASS
16QAM	LCH	1	0	21.26		PASS
		1	24	21.32		PASS
		1	49	21.46		PASS
		25	0	21.17		PASS
		25	12	20.92		PASS
		25	25	21.25		PASS
		50	0	20.98		PASS
	MCH	1	0	20.95		PASS
		1	24	21.57		PASS
		1	49	21.29		PASS
		25	0	21.51		PASS
		25	12	21.17		PASS
		25	25	21.46		PASS
		50	0	21.38		PASS
	HCH	1	0	21.60		PASS
		1	24	21.43		PASS
		1	49	21.69		PASS
		25	0	21.07		PASS
		25	12	21.12		PASS
		25	25	21.20		PASS
		50	0	20.55		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	21.54		PASS
		1	37	22.48		PASS
		1	74	21.74		PASS
		37	0	21.79		PASS
		37	18	21.91		PASS
		37	38	21.74		PASS
		75	0	21.32		PASS
	MCH	1	0	22.26		PASS
		1	37	21.58		PASS
		1	74	21.51		PASS
		37	0	21.60		PASS
		37	18	21.79		PASS
		37	38	22.08		PASS
		75	0	21.93		PASS
	HCH	1	0	22.17		PASS

		1	37	22.30		PASS
		1	74	21.81		PASS
		37	0	22.18		PASS
		37	18	21.69		PASS
		37	38	21.03		PASS
		75	0	21.44		PASS
16QAM	LCH	1	0	21.37		PASS
		1	37	21.25		PASS
		1	74	20.58		PASS
		37	0	21.15		PASS
		37	18	21.08		PASS
		37	38	20.97		PASS
		75	0	21.04		PASS
	MCH	1	0	21.14		PASS
		1	37	20.62		PASS
		1	74	21.49		PASS
		37	0	21.17		PASS
		37	18	20.55		PASS
		37	38	21.26		PASS
		75	0	21.08		PASS
	HCH	1	0	21.23		PASS
		1	37	20.89		PASS
		1	74	21.35		PASS
		37	0	21.32		PASS
		37	18	21.05		PASS
		37	38	20.55		PASS
		75	0	20.41		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	22.28		PASS
		1	49	21.86		PASS
		1	99	22.39		PASS
		50	0	21.84		PASS
		50	25	21.71		PASS
		50	50	21.95		PASS
		100	0	21.84		PASS
	MCH	1	0	22.04		PASS
		1	49	22.31		PASS
		1	99	22.13		PASS

		50	0	21.72		PASS
		50	25	21.87		PASS
		50	50	21.93		PASS
		100	0	21.90		PASS
	HCH	1	0	21.74		PASS
		1	49	21.67		PASS
		1	99	22.06		PASS
		50	0	21.86		PASS
		50	25	21.52		PASS
		50	50	21.74		PASS
		100	0	21.80		PASS
16QAM	LCH	1	0	21.09		PASS
		1	49	20.82		PASS
		1	99	20.94		PASS
		50	0	20.53		PASS
		50	25	20.51		PASS
		50	50	20.58		PASS
		100	0	20.48		PASS
	MCH	1	0	21.50		PASS
		1	49	20.93		PASS
		1	99	21.48		PASS
		50	0	21.33		PASS
		50	25	21.03		PASS
		50	50	20.88		PASS
		100	0	20.70		PASS
	HCH	1	0	20.92		PASS
		1	49	21.18		PASS
		1	99	20.69		PASS
		50	0	21.01		PASS
		50	25	20.92		PASS
		50	50	20.38		PASS
		100	0	20.89		PASS