

Appendix A: Test Data For E-UTRA Band 2

A.1: RF Output Power

Channel Bandwidth 1.4 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	22.61		PASS
		1	3	23.24		PASS
		1	5	22.94		PASS
		3	0	22.54		PASS
		3	2	23.47		PASS
		3	3	22.99		PASS
		6	0	22.62		PASS
	MCH	1	0	23.39		PASS
		1	3	22.57		PASS
		1	5	22.74		PASS
		3	0	22.90		PASS
		3	2	22.93		PASS
		3	3	23.09		PASS
		6	0	23.05		PASS
	HCH	1	0	23.40		PASS
		1	3	23.26		PASS
		1	5	23.35		PASS
		3	0	22.53		PASS
		3	2	23.48		PASS
		3	3	22.80		PASS
		6	0	22.62		PASS
16QAM	LCH	1	0	21.70		PASS
		1	3	21.84		PASS
		1	5	21.93		PASS
		3	0	21.89		PASS
		3	2	21.93		PASS
		3	3	22.39		PASS
		6	0	22.41		PASS
	MCH	1	0	21.67		PASS
		1	3	22.12		PASS
		1	5	21.85		PASS
		3	0	22.32		PASS
		3	2	22.32		PASS
		3	3	22.13		PASS
		6	0	22.29		PASS
	HCH	1	0	21.78		PASS
		1	3	22.10		PASS

		1	5	22.37		PASS
		3	0	21.77		PASS
		3	2	22.11		PASS
		3	3	21.56		PASS
		6	0	21.66		PASS

Channel Bandwidth 3 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.01		PASS
		1	7	22.93		PASS
		1	14	23.30		PASS
		8	0	22.72		PASS
		8	4	22.99		PASS
		8	7	22.57		PASS
		15	0	22.42		PASS
	MCH	1	0	22.72		PASS
		1	7	22.77		PASS
		1	14	22.48		PASS
		8	0	23.05		PASS
		8	4	22.33		PASS
		8	7	22.39		PASS
		15	0	22.88		PASS
	HCH	1	0	23.02		PASS
		1	7	22.31		PASS
		1	14	22.65		PASS
		8	0	23.18		PASS
		8	4	22.99		PASS
		8	7	21.83		PASS
		15	0	22.23		PASS
16QAM	LCH	1	0	21.74		PASS
		1	7	22.21		PASS
		1	14	22.03		PASS
		8	0	21.84		PASS
		8	4	22.14		PASS
		8	7	21.77		PASS
		15	0	21.79		PASS
	MCH	1	0	21.39		PASS
		1	7	21.64		PASS
		1	14	21.68		PASS
		8	0	21.34		PASS
		8	4	21.31		PASS
		8	7	21.31		PASS
		15	0	21.36		PASS

	HCH	1	0	22.13		PASS
		1	7	21.58		PASS
		1	14	22.09		PASS
		8	0	21.95		PASS
		8	4	21.48		PASS
		8	7	20.86		PASS
		15	0	21.13		PASS

Channel Bandwidth 5 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	22.25		PASS
		1	12	22.55		PASS
		1	24	22.08		PASS
		12	0	22.83		PASS
		12	6	22.92		PASS
		12	13	22.38		PASS
		25	0	22.48		PASS
	MCH	1	0	22.28		PASS
		1	12	22.71		PASS
		1	24	22.68		PASS
		12	0	22.22		PASS
		12	6	22.60		PASS
		12	13	22.85		PASS
		25	0	22.79		PASS
	HCH	1	0	22.68		PASS
		1	12	22.43		PASS
		1	24	22.33		PASS
		12	0	22.26		PASS
		12	6	22.45		PASS
		12	13	21.74		PASS
		25	0	22.18		PASS
16QAM	LCH	1	0	21.26		PASS
		1	12	21.68		PASS
		1	24	21.11		PASS
		12	0	21.55		PASS
		12	6	21.39		PASS
		12	13	21.57		PASS
		25	0	21.14		PASS
	MCH	1	0	21.03		PASS
		1	12	21.42		PASS
		1	24	21.09		PASS
		12	0	21.99		PASS
		12	6	21.19		PASS

		12	13	21.27		PASS
		25	0	21.03		PASS
	HCH	1	0	21.38		PASS
		1	12	21.07		PASS
		1	24	21.65		PASS
		12	0	21.47		PASS
		12	6	21.11		PASS
		12	13	21.39		PASS
		25	0	20.59		PASS

Channel Bandwidth 10 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	22.75		PASS
		1	24	22.12		PASS
		1	49	22.09		PASS
		25	0	22.51		PASS
		25	12	21.99		PASS
		25	25	22.26		PASS
		50	0	22.05		PASS
	MCH	1	0	22.00		PASS
		1	24	22.38		PASS
		1	49	22.79		PASS
		25	0	22.82		PASS
		25	12	22.27		PASS
		25	25	22.28		PASS
		50	0	21.89		PASS
	HCH	1	0	22.23		PASS
		1	24	22.03		PASS
		1	49	22.08		PASS
		25	0	21.88		PASS
		25	12	22.75		PASS
		25	25	21.82		PASS
		50	0	21.47		PASS
16QAM	LCH	1	0	21.00		PASS
		1	24	21.17		PASS
		1	49	21.28		PASS
		25	0	21.20		PASS
		25	12	21.16		PASS
		25	25	21.39		PASS
		50	0	21.79		PASS
	MCH	1	0	21.26		PASS
		1	24	21.30		PASS
		1	49	21.47		PASS

		25	0	21.29		PASS	
		25	12	20.85		PASS	
		25	25	21.10		PASS	
		50	0	21.62		PASS	
	HCH		1	0	20.87		PASS
			1	24	21.53		PASS
			1	49	21.45		PASS
			25	0	21.76		PASS
			25	12	21.59		PASS
			25	25	20.38		PASS
			50	0	20.44		PASS

Channel Bandwidth 15 MHz							
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict	
		Size	Offset				
QPSK	LCH	1	0	22.07		PASS	
		1	37	21.69		PASS	
		1	74	22.36		PASS	
		37	0	22.19		PASS	
		37	18	22.14		PASS	
		37	38	22.42		PASS	
		75	0	21.55		PASS	
	MCH		1	0	21.95		PASS
			1	37	22.34		PASS
			1	74	21.82		PASS
			37	0	22.35		PASS
			37	18	22.22		PASS
			37	38	22.39		PASS
			75	0	21.93		PASS
	HCH		1	0	21.55		PASS
			1	37	21.62		PASS
			1	74	21.76		PASS
			37	0	22.10		PASS
			37	18	21.61		PASS
			37	38	22.00		PASS
			75	0	21.29		PASS
16QAM	LCH	1	0	20.76		PASS	
		1	37	21.35		PASS	
		1	74	21.36		PASS	
		37	0	20.86		PASS	
		37	18	20.57		PASS	
		37	38	21.41		PASS	
		75	0	21.04		PASS	
	MCH	1	0	21.43		PASS	

		1	37	21.15		PASS
		1	74	21.45		PASS
		37	0	20.84		PASS
		37	18	21.26		PASS
		37	38	20.59		PASS
		75	0	21.16		PASS
	HCH	1	0	21.04		PASS
		1	37	20.55		PASS
		1	74	21.43		PASS
		37	0	21.10		PASS
		37	18	21.27		PASS
		37	38	20.89		PASS
		75	0	20.71		PASS

Channel Bandwidth 20 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	22.09		PASS
		1	49	21.62		PASS
		1	99	21.96		PASS
		50	0	22.24		PASS
		50	25	21.66		PASS
		50	50	22.12		PASS
		100	0	21.58		PASS
	MCH	1	0	22.29		PASS
		1	49	22.05		PASS
		1	99	21.82		PASS
		50	0	22.04		PASS
		50	25	22.29		PASS
		50	50	21.80		PASS
		100	0	21.66		PASS
	HCH	1	0	21.80		PASS
		1	49	22.42		PASS
		1	99	21.51		PASS
		50	0	22.29		PASS
		50	25	21.65		PASS
		50	50	21.84		PASS
		100	0	21.39		PASS
16QAM	LCH	1	0	21.32		PASS
		1	49	20.74		PASS
		1	99	20.78		PASS
		50	0	20.83		PASS
		50	25	21.13		PASS
		50	50	20.83		PASS

		100	0	20.87		PASS
	MCH	1	0	21.28		PASS
		1	49	21.39		PASS
		1	99	20.52		PASS
		50	0	21.19		PASS
		50	25	20.88		PASS
		50	50	20.97		PASS
		100	0	20.82		PASS
		HCH	1	0	20.93	
	1		49	21.28		PASS
	1		99	20.57		PASS
	50		0	20.56		PASS
	50		25	20.93		PASS
	50		50	20.59		PASS
	100		0	20.08		PASS