

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	22.06		PASS
		1	3	22.46		PASS
		1	5	22.07		PASS
		3	0	22.15		PASS
		3	2	21.96		PASS
		3	3	22.47		PASS
		6	0	22.30		PASS
	MCH	1	0	22.09		PASS
		1	3	22.05		PASS
		1	5	22.38		PASS
		3	0	22.06		PASS
		3	2	22.02		PASS
		3	3	22.47		PASS
		6	0	22.34		PASS
	HCH	1	0	22.05		PASS
		1	3	22.13		PASS
		1	5	22.01		PASS
		3	0	22.28		PASS
		3	2	22.21		PASS
		3	3	22.27		PASS
		6	0	22.35		PASS
16QAM	LCH	1	0	22.11		PASS
		1	3	22.17		PASS
		1	5	21.58		PASS
		3	0	22.25		PASS
		3	2	21.98		PASS
		3	3	21.62		PASS
		6	0	21.83		PASS
	MCH	1	0	21.76		PASS
		1	3	21.91		PASS
		1	5	22.25		PASS
		3	0	21.61		PASS
		3	2	21.75		PASS
		3	3	21.88		PASS
		6	0	22.06		PASS
	HCH	1	0	21.79		PASS
		1	3	21.59		PASS

		1	5	21.57		PASS
		3	0	21.86		PASS
		3	2	22.17		PASS
		3	3	21.78		PASS
		6	0	22.06		PASS

Channel Bandwidth 3 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	22.05		PASS
		1	7	21.93		PASS
		1	14	22.56		PASS
		8	0	22.45		PASS
		8	4	22.18		PASS
		8	7	22.69		PASS
		15	0	22.19		PASS
	MCH	1	0	22.28		PASS
		1	7	22.40		PASS
		1	14	21.99		PASS
		8	0	22.34		PASS
		8	4	22.14		PASS
		8	7	22.54		PASS
		15	0	22.69		PASS
	HCH	1	0	21.91		PASS
		1	7	22.19		PASS
		1	14	22.65		PASS
		8	0	22.36		PASS
		8	4	22.22		PASS
		8	7	22.12		PASS
		15	0	22.22		PASS
16QAM	LCH	1	0	21.65		PASS
		1	7	21.76		PASS
		1	14	22.06		PASS
		8	0	22.20		PASS
		8	4	21.83		PASS
		8	7	21.61		PASS
		15	0	22.12		PASS
	MCH	1	0	21.69		PASS
		1	7	22.06		PASS
		1	14	22.20		PASS
		8	0	21.94		PASS
		8	4	21.99		PASS
		8	7	21.96		PASS
		15	0	22.28		PASS

	HCH	1	0	21.85		PASS
		1	7	22.23		PASS
		1	14	21.68		PASS
		8	0	22.03		PASS
		8	4	21.70		PASS
		8	7	22.24		PASS
		15	0	21.75		PASS

Channel Bandwidth 5 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	21.94		PASS
		1	12	22.06		PASS
		1	24	22.50		PASS
		12	0	22.21		PASS
		12	6	21.98		PASS
		12	13	21.97		PASS
		25	0	22.53		PASS
	MCH	1	0	22.49		PASS
		1	12	22.39		PASS
		1	24	22.30		PASS
		12	0	22.63		PASS
		12	6	22.22		PASS
		12	13	22.67		PASS
		25	0	22.37		PASS
	HCH	1	0	22.62		PASS
		1	12	22.68		PASS
		1	24	22.02		PASS
		12	0	22.38		PASS
		12	6	21.94		PASS
		12	13	22.62		PASS
		25	0	22.15		PASS
16QAM	LCH	1	0	21.79		PASS
		1	12	21.54		PASS
		1	24	21.60		PASS
		12	0	21.84		PASS
		12	6	22.11		PASS
		12	13	22.30		PASS
		25	0	21.52		PASS
	MCH	1	0	22.17		PASS
		1	12	22.28		PASS
		1	24	22.25		PASS
		12	0	21.98		PASS
		12	6	22.18		PASS

		12	13	22.09	PASS
		25	0	21.83	PASS
	HCH	1	0	22.24	PASS
		1	12	21.92	PASS
		1	24	21.77	PASS
		12	0	21.71	PASS
		12	6	21.58	PASS
		12	13	22.13	PASS
		25	0	21.80	PASS

Channel Bandwidth 10 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	22.17	PASS	
		1	24	22.33	PASS	
		1	49	22.60	PASS	
		25	0	22.38	PASS	
		25	12	22.65	PASS	
		25	25	22.49	PASS	
		50	0	22.01	PASS	
	MCH	1	0	22.33	PASS	
		1	24	22.59	PASS	
		1	49	22.27	PASS	
		25	0	22.64	PASS	
		25	12	22.28	PASS	
		25	25	22.60	PASS	
		50	0	21.93	PASS	
	HCH	1	0	21.95	PASS	
		1	24	21.94	PASS	
		1	49	22.35	PASS	
		25	0	22.49	PASS	
		25	12	22.66	PASS	
		25	25	22.06	PASS	
		50	0	22.30	PASS	
16QAM	LCH	1	0	22.23	PASS	
		1	24	21.76	PASS	
		1	49	21.61	PASS	
		25	0	21.64	PASS	
		25	12	21.73	PASS	
		25	25	22.04	PASS	
		50	0	21.74	PASS	
	MCH	1	0	21.53	PASS	
		1	24	21.85	PASS	
		1	49	21.56	PASS	

		25	0	21.54		PASS	
		25	12	22.26		PASS	
		25	25	21.76		PASS	
		50	0	22.23		PASS	
	HCH		1	0	22.24		PASS
			1	24	21.73		PASS
			1	49	22.06		PASS
			25	0	21.51		PASS
			25	12	21.88		PASS
			25	25	21.87		PASS
			50	0	21.81		PASS

Channel Bandwidth 15 MHz							
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict	
		Size	Offset				
QPSK	LCH	1	0	22.10		PASS	
		1	37	22.23		PASS	
		1	74	22.66		PASS	
		37	0	22.41		PASS	
		37	18	22.29		PASS	
		37	38	22.21		PASS	
		75	0	22.63		PASS	
	MCH		1	0	21.92		PASS
			1	37	22.30		PASS
			1	74	22.54		PASS
			37	0	22.66		PASS
			37	18	22.33		PASS
			37	38	22.47		PASS
			75	0	22.44		PASS
	HCH		1	0	22.01		PASS
			1	37	22.39		PASS
			1	74	22.06		PASS
			37	0	22.66		PASS
			37	18	22.00		PASS
			37	38	22.47		PASS
			75	0	22.07		PASS
	16QAM	LCH	1	0	21.53		PASS
			1	37	21.78		PASS
			1	74	21.62		PASS
37			0	22.01		PASS	
37			18	21.67		PASS	
37			38	22.02		PASS	
75			0	21.60		PASS	
MCH		1	0	21.54		PASS	

		1	37	21.66		PASS
		1	74	22.25		PASS
		37	0	21.90		PASS
		37	18	21.96		PASS
		37	38	21.55		PASS
		75	0	21.55		PASS
	HCH	1	0	21.79		PASS
		1	37	21.80		PASS
		1	74	21.81		PASS
		37	0	22.20		PASS
		37	18	22.02		PASS
		37	38	21.99		PASS
		75	0	21.94		PASS

Channel Bandwidth 20 MHz							
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict	
		Size	Offset				
QPSK	LCH	1	0	22.51		PASS	
		1	49	22.72		PASS	
		1	99	23.07		PASS	
		50	0	22.67		PASS	
		50	25	23.09		PASS	
		50	50	22.73		PASS	
		100	0	22.71		PASS	
	MCH	1	0	22.94		PASS	
		1	49	22.90		PASS	
		1	99	22.73		PASS	
		50	0	22.79		PASS	
		50	25	22.71		PASS	
		50	50	22.33		PASS	
		100	0	22.63		PASS	
	HCH	1	0	23.00		PASS	
		1	49	22.60		PASS	
		1	99	22.54		PASS	
		50	0	22.69		PASS	
		50	25	22.48		PASS	
		50	50	22.96		PASS	
		100	0	22.45		PASS	
	16QAM	LCH	1	0	22.08		PASS
			1	49	22.09		PASS
			1	99	22.12		PASS
50			0	22.04		PASS	
50			25	22.05		PASS	
50			50	22.42		PASS	

		100	0	22.53		PASS
	MCH	1	0	22.40		PASS
		1	49	22.06		PASS
		1	99	22.06		PASS
		50	0	22.24		PASS
		50	25	22.50		PASS
		50	50	22.60		PASS
		100	0	22.29		PASS
		HCH	1	0	21.97	
	1		49	22.12		PASS
	1		99	22.36		PASS
	50		0	21.95		PASS
	50		25	21.96		PASS
	50		50	22.00		PASS
	100		0	22.35		PASS