

Appendix A: Test Data For E-UTRA Band 2

A.1: RF Output Power

Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	21.82		PASS
		1	3	22.02		PASS
		1	5	22.12		PASS
		3	0	21.55		PASS
		3	2	21.65		PASS
		3	3	22.14		PASS
		6	0	21.73		PASS
	MCH	1	0	22.06		PASS
		1	3	22.10		PASS
		1	5	21.54		PASS
		3	0	22.33		PASS
		3	2	21.74		PASS
		3	3	21.98		PASS
		6	0	21.67		PASS
16QAM	LCH	1	0	21.83		PASS
		1	3	22.46		PASS
		1	5	21.64		PASS
		3	0	22.46		PASS
		3	2	21.79		PASS
		3	3	21.97		PASS
		6	0	21.66		PASS
	MCH	1	0	21.47		PASS
		1	3	21.20		PASS
		1	5	20.93		PASS
		3	0	20.96		PASS
		3	2	20.65		PASS
		3	3	20.72		PASS
		6	0	21.09		PASS
	HCH	1	0	21.05		PASS
		1	3	21.19		PASS
		1	5	20.81		PASS
		3	0	21.45		PASS
		3	2	20.58		PASS
		3	3	21.05		PASS
		6	0	20.35		PASS
	HCH	1	0	21.29		PASS
		1	3	20.90		PASS

		1	5	20.96		PASS
		3	0	21.43		PASS
		3	2	20.61		PASS
		3	3	20.75		PASS
		6	0	20.47		PASS

Channel Bandwidth 3 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	21.91		PASS
		1	7	21.89		PASS
		1	14	22.22		PASS
		8	0	22.22		PASS
		8	4	22.24		PASS
		8	7	22.28		PASS
		15	0	22.05		PASS
	MCH	1	0	22.49		PASS
		1	7	21.80		PASS
		1	14	21.69		PASS
		8	0	22.00		PASS
		8	4	21.79		PASS
		8	7	21.55		PASS
		15	0	21.19		PASS
16QAM	LCH	1	0	21.92		PASS
		1	7	22.29		PASS
		1	14	22.47		PASS
		8	0	22.44		PASS
		8	4	21.93		PASS
		8	7	21.84		PASS
		15	0	21.59		PASS
	MCH	1	0	21.06		PASS
		1	7	20.93		PASS
		1	14	21.46		PASS
		8	0	20.76		PASS
		8	4	21.17		PASS
		8	7	21.32		PASS
		15	0	20.73		PASS

	HCH	1	0	20.74		PASS
		1	7	20.77		PASS
		1	14	21.39		PASS
		8	0	20.81		PASS
		8	4	21.45		PASS
		8	7	20.59		PASS
		15	0	20.12		PASS

Channel Bandwidth 5 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	22.49		PASS
		1	12	21.64		PASS
		1	24	22.50		PASS
		12	0	22.35		PASS
		12	6	21.77		PASS
		12	13	21.63		PASS
		25	0	22.07		PASS
	MCH	1	0	21.74		PASS
		1	12	21.50		PASS
		1	24	22.44		PASS
		12	0	22.39		PASS
		12	6	21.63		PASS
		12	13	22.19		PASS
		25	0	22.21		PASS
16QAM	LCH	1	0	22.08		PASS
		1	12	21.73		PASS
		1	24	22.34		PASS
		12	0	22.34		PASS
		12	6	21.83		PASS
		12	13	21.53		PASS
		25	0	21.25		PASS
	MCH	1	0	21.00		PASS
		1	12	20.72		PASS
		1	24	20.72		PASS
		12	0	21.35		PASS
		12	6	20.89		PASS
		12	13	21.01		PASS
		25	0	21.12		PASS

HCH	HCH	12	13	21.43		PASS
		25	0	20.54		PASS
		1	0	20.56		PASS
		1	12	21.32		PASS
		1	24	20.99		PASS
		12	0	21.01		PASS
		12	6	20.64		PASS
		12	13	20.77		PASS
		25	0	20.85		PASS

Channel Bandwidth 10 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	21.87		PASS
		1	24	21.64		PASS
		1	49	22.37		PASS
		25	0	22.43		PASS
		25	12	22.44		PASS
		25	25	21.79		PASS
		50	0	22.03		PASS
	MCH	1	0	22.32		PASS
		1	24	21.71		PASS
		1	49	21.62		PASS
		25	0	22.45		PASS
		25	12	22.28		PASS
		25	25	21.72		PASS
		50	0	21.48		PASS
	HCH	1	0	21.80		PASS
		1	24	22.13		PASS
		1	49	21.97		PASS
		25	0	22.35		PASS
		25	12	22.12		PASS
		25	25	21.30		PASS
		50	0	21.78		PASS
16QAM	LCH	1	0	20.85		PASS
		1	24	21.04		PASS
		1	49	21.50		PASS
		25	0	21.42		PASS
		25	12	21.38		PASS
		25	25	20.58		PASS
		50	0	21.08		PASS
	MCH	1	0	20.89		PASS
		1	24	21.46		PASS
		1	49	20.79		PASS

		25	0	20.90		PASS
		25	12	21.47		PASS
		25	25	20.78		PASS
		50	0	20.53		PASS
	HCH	1	0	21.32		PASS
		1	24	21.22		PASS
		1	49	21.19		PASS
		25	0	21.46		PASS
		25	12	20.88		PASS
		25	25	20.45		PASS
		50	0	20.59		PASS

Channel Bandwidth 15 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	22.05		PASS
		1	37	22.34		PASS
		1	74	21.55		PASS
		37	0	21.80		PASS
		37	18	21.53		PASS
		37	38	21.88		PASS
		75	0	21.51		PASS
	MCH	1	0	22.12		PASS
		1	37	22.31		PASS
		1	74	21.89		PASS
		37	0	21.94		PASS
		37	18	22.31		PASS
		37	38	21.75		PASS
		75	0	21.58		PASS
	HCH	1	0	22.51		PASS
		1	37	21.73		PASS
		1	74	22.20		PASS
		37	0	22.36		PASS
		37	18	21.88		PASS
		37	38	21.51		PASS
		75	0	21.14		PASS
16QAM	LCH	1	0	21.38		PASS
		1	37	21.12		PASS
		1	74	20.77		PASS
		37	0	20.73		PASS
		37	18	20.69		PASS
		37	38	20.84		PASS
		75	0	20.68		PASS
		MCH	1	20.72		PASS

	HCH	1	37	20.83		PASS
		1	74	20.98		PASS
		37	0	21.22		PASS
		37	18	21.18		PASS
		37	38	20.78		PASS
		75	0	21.09		PASS
		1	0	20.99		PASS
		1	37	21.22		PASS
		1	74	20.52		PASS
		37	0	20.80		PASS
		37	18	20.54		PASS
		37	38	20.95		PASS
		75	0	20.76		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	21.83		PASS
		1	99	21.78		PASS
		50	0	22.12		PASS
		50	25	21.65		PASS
		50	50	21.98		PASS
		100	0	21.53		PASS
	MCH	1	0	22.06		PASS
		1	49	21.87		PASS
		1	99	22.10		PASS
		50	0	21.73		PASS
		50	25	22.45		PASS
		50	50	21.86		PASS
		100	0	21.48		PASS
	HCH	1	0	22.41		PASS
		1	49	22.09		PASS
		1	99	22.01		PASS
		50	0	22.20		PASS
		50	25	22.20		PASS
		50	50	21.76		PASS
		100	0	21.89		PASS
16QAM	LCH	1	0	20.73		PASS
		1	49	20.86		PASS
		1	99	20.70		PASS
		50	0	21.38		PASS
		50	25	20.73		PASS
		50	50	21.26		PASS

MCH	100	0	21.08		PASS
	1	0	21.05		PASS
	1	49	21.13		PASS
	1	99	21.41		PASS
	50	0	21.35		PASS
	50	25	21.46		PASS
	50	50	20.88		PASS
	100	0	20.46		PASS
	1	0	20.73		PASS
	1	49	20.59		PASS
HCH	1	99	21.43		PASS
	50	0	21.06		PASS
	50	25	20.92		PASS
	50	50	20.93		PASS
	100	0	20.14		PASS