

Appendix C: Test Data For E-UTRA Band 12

C.1: RF Output Power

Channel Bandwidth: 1.4 MHz

Channel Bandwidth 1.4 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.17		PASS
		1	3	23.08		PASS
		1	5	23.41		PASS
		3	0	22.56		PASS
		3	2	22.83		PASS
		3	3	22.69		PASS
		6	0	22.22		PASS
	MCH	1	0	22.97		PASS
		1	3	23.36		PASS
		1	5	23.03		PASS
		3	0	22.33		PASS
		3	2	22.40		PASS
		3	3	22.45		PASS
		6	0	22.37		PASS
	HCH	1	0	23.20		PASS
		1	3	23.18		PASS
		1	5	23.43		PASS
		3	0	22.77		PASS
		3	2	22.82		PASS
		3	3	22.21		PASS
		6	0	22.48		PASS
16QAM	LCH	1	0	22.41		PASS
		1	3	21.93		PASS
		1	5	22.33		PASS
		3	0	22.41		PASS
		3	2	22.10		PASS
		3	3	21.65		PASS
		6	0	21.29		PASS
	MCH	1	0	22.19		PASS
		1	3	21.85		PASS
		1	5	21.68		PASS
		3	0	21.16		PASS
		3	2	21.42		PASS
		3	3	21.03		PASS
		6	0	21.19		PASS

	HCH	1	0	22.46		PASS
		1	3	21.88		PASS
		1	5	21.66		PASS
		3	0	21.75		PASS
		3	2	21.72		PASS
		3	3	21.12		PASS
		6	0	21.03		PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth 3 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	22.73		PASS
		1	7	22.20		PASS
		1	14	22.67		PASS
		8	0	22.63		PASS
		8	4	22.61		PASS
		8	7	22.64		PASS
		15	0	22.46		PASS
	MCH	1	0	22.45		PASS
		1	7	22.43		PASS
		1	14	22.86		PASS
		8	0	22.42		PASS
		8	4	22.59		PASS
		8	7	22.41		PASS
		15	0	22.58		PASS
	HCH	1	0	22.64		PASS
		1	7	22.52		PASS
		1	14	22.67		PASS
		8	0	22.27		PASS
		8	4	22.54		PASS
		8	7	22.14		PASS
		15	0	22.27		PASS
16QAM	LCH	1	0	21.32		PASS
		1	7	21.96		PASS
		1	14	21.50		PASS
		8	0	21.66		PASS
		8	4	21.76		PASS
		8	7	21.86		PASS
		15	0	21.35		PASS
	MCH	1	0	21.89		PASS
		1	7	21.53		PASS

		1	14	21.15		PASS
		8	0	21.61		PASS
		8	4	21.15		PASS
		8	7	21.22		PASS
		15	0	21.49		PASS
	HCH	1	0	21.97		PASS
		1	7	21.38		PASS
		1	14	21.28		PASS
		8	0	21.10		PASS
		8	4	22.07		PASS
		8	7	20.86		PASS
		15	0	21.53		PASS

Channel Bandwidth: 5 MHz

Channel Bandwidth 5 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	22.27		PASS
		1	12	22.31		PASS
		1	24	22.26		PASS
		12	0	21.82		PASS
		12	6	21.97		PASS
		12	13	21.70		PASS
		25	0	21.34		PASS
	MCH	1	0	22.39		PASS
		1	12	22.59		PASS
		1	24	22.26		PASS
		12	0	22.28		PASS
		12	6	22.19		PASS
		12	13	21.82		PASS
		25	0	21.64		PASS
	HCH	1	0	22.30		PASS
		1	12	22.22		PASS
		1	24	22.46		PASS
		12	0	22.35		PASS
		12	6	21.86		PASS
		12	13	21.43		PASS
		25	0	21.51		PASS
16QAM	LCH	1	0	21.26		PASS
		1	12	20.89		PASS
		1	24	21.41		PASS
		12	0	20.81		PASS

		12	6	21.14		PASS
		12	13	21.05		PASS
		25	0	20.86		PASS
	MCH	1	0	21.62		PASS
		1	12	21.37		PASS
		1	24	21.59		PASS
		12	0	21.52		PASS
		12	6	21.26		PASS
		12	13	21.51		PASS
		25	0	21.39		PASS
		25	0	21.39		PASS
	HCH	1	0	21.28		PASS
		1	12	20.90		PASS
		1	24	21.07		PASS
		12	0	21.18		PASS
		12	6	21.20		PASS
		12	13	20.55		PASS
		25	0	20.25		PASS
		25	0	20.25		PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth 10 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	22.26		PASS
		1	24	21.71		PASS
		1	49	21.95		PASS
		25	0	21.56		PASS
		25	12	21.71		PASS
		25	25	21.79		PASS
		50	0	21.37		PASS
	MCH	1	0	21.90		PASS
		1	24	21.57		PASS
		1	49	21.97		PASS
		25	0	21.77		PASS
		25	12	21.48		PASS
		25	25	21.89		PASS
		50	0	21.25		PASS
	HCH	1	0	21.79		PASS
		1	24	22.29		PASS
		1	49	21.61		PASS
		25	0	21.73		PASS
		25	12	21.95		PASS
		25	25	21.10		PASS
		25	25	21.10		PASS

		50	0	21.75		PASS
16QAM	LCH	1	0	21.22		PASS
		1	24	21.46		PASS
		1	49	21.05		PASS
		25	0	20.59		PASS
		25	12	21.15		PASS
		25	25	21.23		PASS
		50	0	21.00		PASS
	MCH	1	0	20.52		PASS
		1	24	21.04		PASS
		1	49	21.40		PASS
		25	0	20.94		PASS
		25	12	20.53		PASS
		25	25	21.25		PASS
		50	0	20.42		PASS
	HCH	1	0	20.61		PASS
		1	24	20.86		PASS
		1	49	21.24		PASS
		25	0	20.82		PASS
		25	12	20.85		PASS
		25	25	20.00		PASS
		50	0	20.79		PASS