

Appendix C: Test Data For E-UTRA Band 12

C.1: RF Output Power

Channel Bandwidth: 1.4 MHz

Channel Bandwidth 1.4 MHz						Verdict	
Modulation	Channel	RB Configuration		Average Power [dBm]	E.r.p [dBm]		
		Size	Offset				
QPSK	LCH	1	0	22.23		PASS	
		1	3	22.32		PASS	
		1	5	22.33		PASS	
		3	0	21.82		PASS	
		3	2	21.95		PASS	
		3	3	21.92		PASS	
		6	0	21.63		PASS	
	MCH	1	0	22.04		PASS	
		1	3	22.37		PASS	
		1	5	22.26		PASS	
		3	0	21.99		PASS	
		3	2	21.62		PASS	
		3	3	21.70		PASS	
		6	0	21.75		PASS	
16QAM	LCH	1	0	21.54		PASS	
		1	3	22.17		PASS	
		1	5	22.19		PASS	
		3	0	21.81		PASS	
		3	2	21.65		PASS	
		3	3	21.62		PASS	
		6	0	21.03		PASS	
	MCH	1	0	21.42		PASS	
		1	3	20.94		PASS	
		1	5	21.25		PASS	
		3	0	20.86		PASS	
		3	2	20.96		PASS	
		3	3	20.71		PASS	
		6	0	20.41		PASS	

	HCH	1	0	21.30		PASS
		1	3	21.24		PASS
		1	5	20.83		PASS
		3	0	20.55		PASS
		3	2	20.89		PASS
		3	3	20.13		PASS
		6	0	20.57		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	21.69		PASS
		1	7	21.56		PASS
		1	14	22.20		PASS
		8	0	21.95		PASS
		8	4	21.63		PASS
		8	7	21.87		PASS
		15	0	21.58		PASS
	MCH	1	0	22.44		PASS
		1	7	21.59		PASS
		1	14	21.80		PASS
		8	0	21.63		PASS
		8	4	21.92		PASS
		8	7	21.71		PASS
		15	0	21.82		PASS
16QAM	HCH	1	0	22.48		PASS
		1	7	21.93		PASS
		1	14	22.24		PASS
		8	0	21.61		PASS
		8	4	21.95		PASS
		8	7	21.57		PASS
		15	0	21.30		PASS
	LCH	1	0	21.04		PASS
		1	7	21.00		PASS
		1	14	20.71		PASS
		8	0	20.71		PASS
		8	4	20.87		PASS
		8	7	20.90		PASS
		15	0	20.63		PASS
	MCH	1	0	21.42		PASS
		1	7	21.48		PASS

	HCH	1	14	21.09		PASS
		8	0	20.95		PASS
		8	4	20.72		PASS
		8	7	20.65		PASS
		15	0	20.51		PASS
		1	0	21.25		PASS
		1	7	21.26		PASS
		1	14	21.28		PASS
		8	0	20.75		PASS
		8	4	20.83		PASS
		8	7	20.85		PASS
		15	0	20.49		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	21.83		PASS
		1	12	22.34		PASS
		1	24	21.93		PASS
		12	0	21.82		PASS
		12	6	21.95		PASS
		12	13	21.71		PASS
		25	0	21.53		PASS
	MCH	1	0	21.50		PASS
		1	12	22.10		PASS
		1	24	22.38		PASS
		12	0	21.70		PASS
		12	6	21.60		PASS
		12	13	21.49		PASS
		25	0	21.36		PASS
	HCH	1	0	22.37		PASS
		1	12	21.75		PASS
		1	24	22.02		PASS
		12	0	21.71		PASS
		12	6	21.93		PASS
		12	13	21.16		PASS
		25	0	21.07		PASS
16QAM	LCH	1	0	20.99		PASS
		1	12	20.77		PASS
		1	24	21.14		PASS
		12	0	20.73		PASS

		12	6	20.70		PASS
		12	13	20.78		PASS
		25	0	20.24		PASS
	MCH	1	0	20.93		PASS
		1	12	21.02		PASS
		1	24	21.13		PASS
		12	0	20.84		PASS
		12	6	20.60		PASS
		12	13	20.61		PASS
		25	0	20.40		PASS
		1	0	20.55		PASS
	HCH	1	12	20.58		PASS
		1	24	20.80		PASS
		12	0	20.20		PASS
		12	6	20.61		PASS
		12	13	20.22		PASS
		25	0	20.31		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	21.88		PASS
		1	24	22.17		PASS
		1	49	21.66		PASS
		25	0	21.70		PASS
		25	12	21.83		PASS
		25	25	21.80		PASS
		50	0	21.55		PASS
	MCH	1	0	21.77		PASS
		1	24	21.75		PASS
		1	49	22.49		PASS
		25	0	21.71		PASS
		25	12	21.95		PASS
		25	25	21.73		PASS
		50	0	21.61		PASS
	HCH	1	0	21.98		PASS
		1	24	22.18		PASS
		1	49	21.76		PASS
		25	0	21.78		PASS
		25	12	21.83		PASS
		25	25	21.19		PASS

		50	0	21.53		PASS
16QAM	LCH	1	0	20.97		PASS
		1	24	20.99		PASS
		1	49	21.37		PASS
		25	0	20.79		PASS
		25	12	20.74		PASS
		25	25	20.58		PASS
		50	0	20.36		PASS
	MCH	1	0	21.00		PASS
		1	24	20.97		PASS
		1	49	21.29		PASS
		25	0	20.84		PASS
		25	12	20.84		PASS
		25	25	20.78		PASS
		50	0	20.69		PASS
HCH	HCH	1	0	20.54		PASS
		1	24	21.42		PASS
		1	49	21.22		PASS
		25	0	20.96		PASS
		25	12	20.90		PASS
		25	25	20.69		PASS
		50	0	20.68		PASS