

Appendix E: Test Data For E-UTRA Band 12

E.1: RF Output Power

Channel Bandwidth 1.4 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	21.16		PASS
		1	3	21.25		PASS
		1	5	21.22		PASS
		3	0	21.38		PASS
		3	2	21.42		PASS
		3	3	21.38		PASS
		6	0	20.91		PASS
	MCH	1	0	21.19		PASS
		1	3	21.36		PASS
		1	5	21.33		PASS
		3	0	21.48		PASS
		3	2	21.45		PASS
		3	3	21.48		PASS
		6	0	20.73		PASS
	HCH	1	0	22.07		PASS
		1	3	22.25		PASS
		1	5	22.24		PASS
		3	0	22.32		PASS
		3	2	22.44		PASS
		3	3	22.43		PASS
		6	0	22.30		PASS
16QAM	LCH	1	0	20.56		PASS
		1	3	20.57		PASS
		1	5	20.47		PASS
		3	0	20.68		PASS
		3	2	20.63		PASS
		3	3	20.55		PASS
		6	0	20.78		PASS
	MCH	1	0	20.85		PASS
		1	3	20.98		PASS
		1	5	20.96		PASS
		3	0	20.68		PASS
		3	2	20.78		PASS
		3	3	20.78		PASS
		6	0	20.73		PASS
	HCH	1	0	21.37		PASS
		1	3	21.58		PASS

		1	5	21.57		PASS
		3	0	21.45		PASS
		3	2	21.59		PASS
		3	3	21.64		PASS
		6	0	21.47		PASS

Channel Bandwidth 3 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	21.11		PASS
		1	7	21.35		PASS
		1	14	21.08		PASS
		8	0	20.82		PASS
		8	4	20.95		PASS
		8	7	20.83		PASS
		15	0	20.80		PASS
	MCH	1	0	21.13		PASS
		1	7	21.50		PASS
		1	14	21.33		PASS
		8	0	20.75		PASS
		8	4	20.64		PASS
		8	7	20.80		PASS
		15	0	20.96		PASS
	HCH	1	0	21.79		PASS
		1	7	22.26		PASS
		1	14	22.14		PASS
		8	0	21.09		PASS
		8	4	21.20		PASS
		8	7	21.25		PASS
		15	0	21.14		PASS
16QAM	LCH	1	0	20.51		PASS
		1	7	20.61		PASS
		1	14	20.72		PASS
		8	0	20.73		PASS
		8	4	20.79		PASS
		8	7	20.71		PASS
		15	0	20.64		PASS
	MCH	1	0	20.54		PASS
		1	7	20.90		PASS
		1	14	20.74		PASS
		8	0	20.53		PASS
		8	4	20.55		PASS
		8	7	20.67		PASS
		15	0	20.58		PASS

	HCH	1	0	21.05		PASS
		1	7	21.56		PASS
		1	14	21.58		PASS
		8	0	21.09		PASS
		8	4	20.83		PASS
		8	7	20.67		PASS
		15	0	20.66		PASS

Channel Bandwidth 5 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	21.16		PASS
		1	12	21.31		PASS
		1	24	21.10		PASS
		12	0	21.20		PASS
		12	6	21.30		PASS
		12	13	21.17		PASS
		25	0	21.20		PASS
	MCH	1	0	21.14		PASS
		1	12	21.45		PASS
		1	24	21.49		PASS
		12	0	20.95		PASS
		12	6	20.94		PASS
		12	13	20.68		PASS
		25	0	20.56		PASS
	HCH	1	0	21.65		PASS
		1	12	22.13		PASS
		1	24	22.23		PASS
		12	0	20.86		PASS
		12	6	21.00		PASS
		12	13	21.05		PASS
		25	0	20.97		PASS
16QAM	LCH	1	0	20.68		PASS
		1	12	20.64		PASS
		1	24	20.55		PASS
		12	0	20.36		PASS
		12	6	20.44		PASS
		12	13	20.33		PASS
		25	0	20.27		PASS
	MCH	1	0	20.69		PASS
		1	12	21.01		PASS
		1	24	20.99		PASS
		12	0	20.65		PASS
		12	6	20.73		PASS

		12	13	20.65	PASS
		25	0	20.18	PASS
	HCH	1	0	20.61	PASS
		1	12	21.02	PASS
		1	24	21.26	PASS
		12	0	20.29	PASS
		12	6	20.64	PASS
		12	13	20.11	PASS
		25	0	20.00	PASS

Channel Bandwidth 10 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	21.19	PASS	
		1	24	21.22	PASS	
		1	49	21.47	PASS	
		25	0	20.72	PASS	
		25	12	20.74	PASS	
		25	25	20.27	PASS	
		50	0	20.89	PASS	
	MCH	1	0	21.13	PASS	
		1	24	21.42	PASS	
		1	49	21.73	PASS	
		25	0	20.43	PASS	
		25	12	20.46	PASS	
		25	25	20.87	PASS	
		50	0	20.65	PASS	
	HCH	1	0	21.25	PASS	
		1	24	21.70	PASS	
		1	49	22.21	PASS	
		25	0	20.75	PASS	
		25	12	20.70	PASS	
		25	25	20.76	PASS	
		50	0	20.99	PASS	
16QAM	LCH	1	0	20.66	PASS	
		1	24	20.75	PASS	
		1	49	20.84	PASS	
		25	0	20.47	PASS	
		25	12	20.43	PASS	
		25	25	20.18	PASS	
		50	0	20.81	PASS	
	MCH	1	0	20.74	PASS	
		1	24	20.82	PASS	
		1	49	20.93	PASS	

		25	0	20.17	PASS
		25	12	20.28	PASS
		25	25	20.24	PASS
		50	0	20.33	PASS
	HCH	1	0	20.81	PASS
		1	24	21.09	PASS
		1	49	21.65	PASS
		25	0	20.46	PASS
		25	12	20.20	PASS
		25	25	20.32	PASS
		50	0	20.70	PASS