

Appendix C: Test Data For E-UTRA Band 5

C.1: RF Output Power

Modulation	Channel	RB Configuration		Average Power [dBm]	ERP [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	21.87		PASS
		1	3	22.06		PASS
		1	5	21.58		PASS
		3	0	22.39		PASS
		3	2	22.02		PASS
		3	3	21.81		PASS
		6	0	21.85		PASS
	MCH	1	0	22.00		PASS
		1	3	22.01		PASS
		1	5	22.36		PASS
		3	0	21.54		PASS
		3	2	22.32		PASS
		3	3	21.59		PASS
		6	0	21.41		PASS
16QAM	LCH	1	0	22.03		PASS
		1	3	22.32		PASS
		1	5	22.22		PASS
		3	0	22.05		PASS
		3	2	21.77		PASS
		3	3	21.02		PASS
		6	0	21.94		PASS
	MCH	1	0	21.15		PASS
		1	3	21.31		PASS
		1	5	20.80		PASS
		3	0	21.21		PASS
		3	2	20.84		PASS
		3	3	20.83		PASS
		6	0	21.29		PASS
	HCH	1	0	21.08		PASS
		1	3	20.67		PASS
		1	5	20.92		PASS
		3	0	20.65		PASS
		3	2	21.46		PASS
		3	3	21.23		PASS
		6	0	20.72		PASS
	HCH	1	0	21.43		PASS
		1	3	20.68		PASS
		1	5	20.73		PASS

		3	0	21.32		PASS
		3	2	20.95		PASS
		3	3	20.10		PASS
		6	0	20.92		PASS

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	ERP [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	21.85		PASS
		1	7	22.19		PASS
		1	14	22.06		PASS
		8	0	22.31		PASS
		8	4	22.07		PASS
		8	7	22.21		PASS
		15	0	21.73		PASS
	MCH	1	0	21.84		PASS
		1	7	22.16		PASS
		1	14	22.10		PASS
		8	0	22.15		PASS
		8	4	21.92		PASS
		8	7	22.12		PASS
		15	0	21.93		PASS
16QAM	HCH	1	0	21.63		PASS
		1	7	22.23		PASS
		1	14	21.69		PASS
		8	0	21.96		PASS
		8	4	21.89		PASS
		8	7	21.64		PASS
		15	0	21.48		PASS
	LCH	1	0	20.75		PASS
		1	7	20.81		PASS
		1	14	21.44		PASS
		8	0	20.94		PASS
		8	4	20.63		PASS
		8	7	21.35		PASS
		15	0	20.72		PASS
	MCH	1	0	20.88		PASS
		1	7	21.45		PASS
		1	14	21.17		PASS
		8	0	20.71		PASS
		8	4	21.15		PASS
		8	7	20.97		PASS
		15	0	20.78		PASS
	HCH	1	0	20.85		PASS

		1	7	21.33		PASS
		1	14	21.09		PASS
		8	0	20.58		PASS
		8	4	21.40		PASS
		8	7	20.15		PASS
		15	0	20.04		PASS

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	ERP [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	22.11		PASS
		1	12	21.57		PASS
		1	24	22.27		PASS
		12	0	21.61		PASS
		12	6	21.95		PASS
		12	13	21.60		PASS
		25	0	21.31		PASS
	MCH	1	0	22.14		PASS
		1	12	22.00		PASS
		1	24	21.82		PASS
		12	0	22.05		PASS
		12	6	21.61		PASS
		12	13	21.65		PASS
		25	0	21.73		PASS
	HCH	1	0	22.11		PASS
		1	12	22.07		PASS
		1	24	22.01		PASS
		12	0	21.80		PASS
		12	6	22.37		PASS
		12	13	21.71		PASS
		25	0	21.42		PASS
16QAM	LCH	1	0	21.46		PASS
		1	12	20.60		PASS
		1	24	21.32		PASS
		12	0	21.00		PASS
		12	6	21.14		PASS
		12	13	20.53		PASS
		25	0	20.30		PASS
	MCH	1	0	20.66		PASS
		1	12	21.00		PASS
		1	24	20.98		PASS
		12	0	20.86		PASS
		12	6	21.21		PASS
		12	13	20.78		PASS

HCH	25	0	20.46		PASS
	1	0	20.83		PASS
	1	12	20.62		PASS
	1	24	20.60		PASS
	12	0	20.81		PASS
	12	6	21.09		PASS
	12	13	20.58		PASS
	25	0	20.08		PASS

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	ERP [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	22.40		PASS
		1	24	22.08		PASS
		1	49	21.60		PASS
		25	0	21.56		PASS
		25	12	22.05		PASS
		25	25	22.02		PASS
		50	0	21.75		PASS
	MCH	1	0	22.02		PASS
		1	24	22.09		PASS
		1	49	22.39		PASS
		25	0	22.29		PASS
		25	12	21.93		PASS
		25	25	21.57		PASS
		50	0	21.53		PASS
	HCH	1	0	22.22		PASS
		1	24	21.65		PASS
		1	49	21.57		PASS
		25	0	22.36		PASS
		25	12	22.04		PASS
		25	25	21.22		PASS
		50	0	21.55		PASS
16QAM	LCH	1	0	21.12		PASS
		1	24	21.16		PASS
		1	49	21.49		PASS
		25	0	20.55		PASS
		25	12	21.22		PASS
		25	25	21.38		PASS
		50	0	20.86		PASS
	MCH	1	0	21.00		PASS
		1	24	20.96		PASS
		1	49	20.80		PASS
		25	0	21.00		PASS

HCH		25	12	20.51		PASS
		25	25	21.35		PASS
		50	0	20.66		PASS
		1	0	21.47		PASS
		1	24	20.92		PASS
		1	49	21.36		PASS
		25	0	21.13		PASS
		25	12	20.64		PASS
		25	25	20.49		PASS
		50	0	20.78		PASS