Appendix A: Test Data for E-UTRA Band 2

A.1: RF Output Power

Channel Bandwidth: 1.4 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	24.59		PASS
		1	3	24.60		PASS
		1	5	24.82		PASS
		3	0	23.83		PASS
		3	2	23.83		PASS
		3	3	23.77		PASS
		6	0	23.73		PASS
	MCH	1	0	24.71		PASS
		1	3	24.58		PASS
		1	5	24.87		PASS
		3	0	23.82		PASS
		3	2	23.88		PASS
		3	3	23.80		PASS
		6	0	23.84		PASS
	HCH	1	0	24.82		PASS
		1	3	24.89		PASS
		1	5	24.97		PASS
		3	0	23.90		PASS
		3	2	23.91		PASS
		3	3	23.91		PASS
		6	0	23.88		PASS
16QAM	LCH	1	0	23.39		PASS
		1	3	23.55		PASS
		1	5	23.52		PASS
		3	0	22.83		PASS
		3	2	22.89		PASS
		3	3	22.88		PASS
		6	0	22.61		PASS
	MCH	1	0	23.27		PASS
		1	3	23.38		PASS
		1	5	23.24		PASS
		3	0	22.52		PASS
		3	2	22.89		PASS
		3	3	22.85		PASS
		6	0	22.81		PASS

	HCH	1	0	23.22		PASS
		1	3	23.38		PASS
		1	5	23.28		PASS
		3	0	22.87		PASS
		3	2	22.94		PASS
		3	3	22.96		PASS
		6	0	22.17		PASS

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	24.66		PASS
		1	7	24.65		PASS
		1	14	24.71		PASS
		8	0	23.90		PASS
		8	4	23.85		PASS
		8	7	23.93		PASS
		15	0	23.79		PASS
	MCH	1	0	24.76		PASS
		1	7	24.75		PASS
		1	14	24.77		PASS
		8	0	23.85		PASS
		8	4	23.83		PASS
		8	7	23.81		PASS
		15	0	23.80		PASS
	HCH	1	0	24.94		PASS
		1	7	24.90		PASS
		1	14	24.95		PASS
		8	0	23.86		PASS
		8	4	23.92		PASS
		8	7	23.93		PASS
		15	0	23.93		PASS
16QAM	LCH	1	0	23.77		PASS
		1	7	23.92		PASS
		1	14	23.85		PASS
		8	0	22.98		PASS
		8	4	22.87		PASS
		8	7	22.88		PASS
		15	0	22.77		PASS
	MCH	1	0	23.32		PASS
		1	7	23.45		PASS
		1	14	23.51		PASS
		8	0	22.84		PASS

		8	4	22.83		PASS
		8	7	22.90		PASS
		15	0	22.67		PASS
	HCH	1	0	23.83		PASS
		1	7	23.91		PASS
		1	14	23.97		PASS
		8	0	22.92		PASS
		8	4	22.99		PASS
		8	7	22.84		PASS
		15	0	22.81		PASS

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	24.73		PASS
		1	12	24.93		PASS
		1	24	24.94		PASS
		12	0	23.82		PASS
		12	6	23.77		PASS
		12	13	23.84		PASS
		25	0	23.79		PASS
	MCH	1	0	24.83		PASS
		1	12	24.85		PASS
		1	24	24.94		PASS
		12	0	23.83		PASS
		12	6	23.81		PASS
		12	13	23.91		PASS
		25	0	23.87		PASS
	HCH	1	0	24.86		PASS
		1	12	24.92		PASS
		1	24	24.91		PASS
		12	0	23.82		PASS
		12	6	23.92		PASS
		12	13	23.91		PASS
		25	0	23.88		PASS
16QAM	LCH	1	0	23.95		PASS
		1	12	23.96		PASS
		1	24	23.95		PASS
		12	0	22.85		PASS
		12	6	22.82		PASS
		12	13	22.73		PASS
		25	0	22.71		PASS
	MCH	1	0	23.58		PASS
		1	12	23.52		PASS

		1	24	23.75		PASS
		12	0	22.80		PASS
		12	6	22.89		PASS
		12	13	22.82		PASS
		25	0	22.77		PASS
	HCH	1	0	23.56		PASS
		1	12	23.93		PASS
		1	24	23.91		PASS
		12	0	22.80		PASS
		12	6	22.84		PASS
		12	13	22.86		PASS
		25	0	22.67		PASS

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	24.87		PASS
		1	24	24.61		PASS
		1	49	24.83		PASS
		25	0	23.97		PASS
		25	12	23.81		PASS
		25	25	23.87		PASS
		50	0	23.91		PASS
	MCH	1	0	24.86		PASS
		1	24	24.78		PASS
		1	49	24.93		PASS
		25	0	23.83		PASS
		25	12	23.89		PASS
		25	25	23.98		PASS
		50	0	23.87		PASS
	HCH	1	0	24.77		PASS
		1	24	24.41		PASS
		1	49	24.97		PASS
		25	0	23.86		PASS
		25	12	23.91		PASS
		25	25	23.94		PASS
		50	0	23.83		PASS
16QAM	LCH	1	0	23.95		PASS
		1	24	23.92		PASS
		1	49	23.93		PASS
		25	0	22.80		PASS
		25	12	22.65		PASS
		25	25	22.65		PASS
		50	0	22.57		PASS

	MCH	1	0	23.97		PASS
		1	24	23.91		PASS
		1	49	23.97		PASS
		25	0	22.84		PASS
		25	12	22.82		PASS
		25	25	22.93		PASS
		50	0	22.73		PASS
	HCH	1	0	23.98		PASS
		1	24	23.81		PASS
		1	49	23.92		PASS
		25	0	22.79		PASS
		25	12	22.78		PASS
		25	25	22.92		PASS
		50	0	22.81		PASS

Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	24.93		PASS
		1	37	24.66		PASS
		1	74	24.68		PASS
		37	0	23.93		PASS
		37	18	23.87		PASS
		37	38	23.89		PASS
		75	0	23.79		PASS
	MCH	1	0	24.93		PASS
		1	37	24.96		PASS
		1	74	24.95		PASS
		37	0	23.90		PASS
		37	18	23.98		PASS
		37	38	23.93		PASS
		75	0	23.91		PASS
	HCH	1	0	24.95		PASS
		1	37	24.87		PASS
		1	74	25.96		PASS
		37	0	23.92		PASS
		37	18	23.90		PASS
		37	38	23.93		PASS
		75	0	23.76		PASS
16QAM	LCH	1	0	23.83		PASS
		1	37	23.65		PASS
		1	74	23.86		PASS
		37	0	22.90		PASS
		37	18	22.93		PASS

		37	38	22.95		PASS
		75	0	22.85		PASS
	MCH	1	0	23.98		PASS
		1	37	23.96		PASS
		1	74	23.98		PASS
		37	0	22.69		PASS
		37	18	22.78		PASS
		37	38	22.88		PASS
		75	0	22.69		PASS
	HCH	1	0	23.91		PASS
		1	37	23.72		PASS
		1	74	23.91		PASS
		37	0	22.90		PASS
		37	18	22.92		PASS
		37	38	22.90		PASS
		75	0	22.81		PASS

Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	24.90		PASS
		1	49	24.99		PASS
		1	99	24.86		PASS
		50	0	23.92		PASS
		50	25	23.96		PASS
		50	50	23.95		PASS
		100	0	23.93		PASS
	MCH	1	0	24.47		PASS
		1	49	24.79		PASS
		1	99	24.82		PASS
		50	0	23.95		PASS
		50	25	23.93		PASS
		50	50	23.92		PASS
		100	0	23.85		PASS
	HCH	1	0	24.97		PASS
		1	49	24.88		PASS
		1	99	24.94		PASS
		50	0	23.79		PASS
		50	25	23.94		PASS
		50	50	23.91		PASS
		100	0	23.90		PASS
16QAM	LCH	1	0	23.98		PASS
		1	49	23.88		PASS
		1	99	23.83		PASS

		50	0	22.92		PASS
		50	25	22.74		PASS
		50	50	22.95		PASS
		100	0	22.92		PASS
	MCH	1	0	23.66		PASS
		1	49	23.98		PASS
		1	99	23.78		PASS
		50	0	22.92		PASS
		50	25	22.90		PASS
		50	50	22.95		PASS
		100	0	22.92		PASS
	HCH	1	0	23.63		PASS
		1	49	23.48		PASS
		1	99	23.93		PASS
		50	0	22.98		PASS
		50	25	21.90		PASS
		50	50	22.96		PASS
		100	0	22.92		PASS