

AppendixA: Test Data For E-UTRA Band 2

A.1: RF Output Power

Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	22.39		PASS
		1	3	22.02		PASS
		1	5	22.47		PASS
		3	0	22.14		PASS
		3	2	22.51		PASS
		3	3	22.34		PASS
		6	0	22.36		PASS
	MCH	1	0	22.69		PASS
		1	3	22.75		PASS
		1	5	22.41		PASS
		3	0	22.28		PASS
		3	2	22.17		PASS
		3	3	22.75		PASS
		6	0	22.57		PASS
16QAM	HCH	1	0	22.05		PASS
		1	3	22.23		PASS
		1	5	22.71		PASS
		3	0	22.61		PASS
		3	2	22.72		PASS
		3	3	22.68		PASS
		6	0	22.52		PASS
	LCH	1	0	22.08		PASS
		1	3	22.01		PASS
		1	5	21.87		PASS
		3	0	22.14		PASS
		3	2	21.78		PASS
		3	3	22.11		PASS
		6	0	22.16		PASS
	MCH	1	0	21.76		PASS
		1	3	21.78		PASS
		1	5	22.38		PASS
		3	0	21.54		PASS
		3	2	22.05		PASS
		3	3	21.74		PASS
		6	0	21.64		PASS
	HCH	1	0	22.05		PASS
		1	3	21.85		PASS

		1	5	21.60		PASS
		3	0	22.19		PASS
		3	2	22.24		PASS
		3	3	21.55		PASS
		6	0	21.42		PASS

Channel Bandwidth 3 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	22.68		PASS
		1	7	22.53		PASS
		1	14	22.68		PASS
		8	0	22.34		PASS
		8	4	22.01		PASS
		8	7	22.06		PASS
		15	0	22.75		PASS
	MCH	1	0	22.46		PASS
		1	7	22.75		PASS
		1	14	22.73		PASS
		8	0	22.58		PASS
		8	4	22.72		PASS
		8	7	22.01		PASS
		15	0	22.28		PASS
16QAM	LCH	1	0	22.63		PASS
		1	7	22.03		PASS
		1	14	22.14		PASS
		8	0	22.71		PASS
		8	4	22.58		PASS
		8	7	22.28		PASS
		15	0	22.01		PASS
	MCH	1	0	21.43		PASS
		1	7	21.95		PASS
		1	14	21.36		PASS
		8	0	21.93		PASS
		8	4	21.73		PASS
		8	7	21.77		PASS
		15	0	21.40		PASS

	HCH	1	0	21.86		PASS
		1	7	21.92		PASS
		1	14	22.01		PASS
		8	0	21.89		PASS
		8	4	21.54		PASS
		8	7	21.77		PASS
		15	0	21.27		PASS

Channel Bandwidth 5 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	22.57		PASS
		1	12	22.73		PASS
		1	24	22.11		PASS
		12	0	22.69		PASS
		12	6	22.50		PASS
		12	13	22.52		PASS
		25	0	22.75		PASS
	MCH	1	0	22.31		PASS
		1	12	22.65		PASS
		1	24	22.69		PASS
		12	0	22.17		PASS
		12	6	22.64		PASS
		12	13	22.73		PASS
		25	0	22.61		PASS
16QAM	LCH	1	0	22.30		PASS
		1	12	22.09		PASS
		1	24	22.12		PASS
		12	0	22.27		PASS
		12	6	22.29		PASS
		12	13	22.09		PASS
		25	0	21.52		PASS
	MCH	1	0	21.12		PASS
		1	12	21.38		PASS
		1	24	21.92		PASS
		12	0	21.30		PASS
		12	6	21.89		PASS
		12	13	21.16		PASS
		25	0	21.42		PASS

	HCH	12	13	21.14		PASS
		25	0	21.43		PASS
		1	0	21.51		PASS
		1	12	21.35		PASS
		1	24	21.30		PASS
		12	0	21.09		PASS
		12	6	21.19		PASS
		12	13	21.11		PASS
		25	0	20.72		PASS

Channel Bandwidth 10 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	22.71		PASS
		1	24	22.57		PASS
		1	49	22.30		PASS
		25	0	22.64		PASS
		25	12	22.16		PASS
		25	25	22.43		PASS
		50	0	22.48		PASS
	MCH	1	0	21.89		PASS
		1	24	21.93		PASS
		1	49	21.82		PASS
		25	0	22.43		PASS
		25	12	22.63		PASS
		25	25	22.52		PASS
		50	0	22.21		PASS
16QAM	LCH	1	0	22.48		PASS
		1	24	21.99		PASS
		1	49	22.38		PASS
		25	0	22.64		PASS
		25	12	22.58		PASS
		25	25	22.26		PASS
		50	0	21.45		PASS
	MCH	1	0	20.90		PASS
		1	24	20.95		PASS
		1	49	21.56		PASS
		25	0	21.62		PASS
		25	12	20.85		PASS
		25	25	21.68		PASS
		50	0	21.33		PASS

		25	0	20.93		PASS
		25	12	21.10		PASS
		25	25	21.47		PASS
		50	0	21.01		PASS
	HCH	1	0	21.20		PASS
		1	24	21.73		PASS
		1	49	21.27		PASS
		25	0	20.94		PASS
		25	12	21.66		PASS
		25	25	20.99		PASS
		50	0	20.39		PASS

Channel Bandwidth 15 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	22.38		PASS
		1	37	22.27		PASS
		1	74	21.61		PASS
		37	0	22.38		PASS
		37	18	22.46		PASS
		37	38	22.42		PASS
		75	0	22.30		PASS
	MCH	1	0	21.59		PASS
		1	37	22.28		PASS
		1	74	21.81		PASS
		37	0	22.06		PASS
		37	18	21.53		PASS
		37	38	21.61		PASS
		75	0	21.53		PASS
	HCH	1	0	21.85		PASS
		1	37	22.30		PASS
		1	74	21.65		PASS
		37	0	21.66		PASS
		37	18	22.20		PASS
		37	38	21.02		PASS
		75	0	21.57		PASS
16QAM	LCH	1	0	20.72		PASS
		1	37	21.09		PASS
		1	74	20.92		PASS
		37	0	21.33		PASS
		37	18	20.65		PASS
		37	38	21.47		PASS
		75	0	21.09		PASS
	MCH	1	0	20.66		PASS

	HCH	1	37	21.25		PASS
		1	74	20.61		PASS
		37	0	21.37		PASS
		37	18	20.66		PASS
		37	38	20.64		PASS
		75	0	21.17		PASS
		1	0	21.16		PASS
		1	37	21.22		PASS
		1	74	20.51		PASS
		37	0	20.58		PASS
		37	18	21.29		PASS
		37	38	20.88		PASS
		75	0	20.55		PASS

Channel Bandwidth 20 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	22.11		PASS
		1	49	22.22		PASS
		1	99	22.12		PASS
		50	0	21.75		PASS
		50	25	22.19		PASS
		50	50	22.22		PASS
		100	0	21.54		PASS
	MCH	1	0	21.72		PASS
		1	49	22.11		PASS
		1	99	21.51		PASS
		50	0	22.29		PASS
		50	25	22.06		PASS
		50	50	21.79		PASS
		100	0	21.75		PASS
	HCH	1	0	21.84		PASS
		1	49	22.13		PASS
		1	99	21.78		PASS
		50	0	22.03		PASS
		50	25	21.74		PASS
		50	50	21.58		PASS
		100	0	21.97		PASS
16QAM	LCH	1	0	21.36		PASS
		1	49	21.47		PASS
		1	99	21.09		PASS
		50	0	20.95		PASS
		50	25	20.73		PASS
		50	50	20.94		PASS

MCH	100	0	20.75		PASS
	1	0	20.92		PASS
	1	49	21.33		PASS
	1	99	21.00		PASS
	50	0	21.43		PASS
	50	25	20.97		PASS
	50	50	21.11		PASS
	100	0	20.89		PASS
	1	0	20.84		PASS
	1	49	21.44		PASS
HCH	1	99	20.58		PASS
	50	0	20.74		PASS
	50	25	21.07		PASS
	50	50	20.83		PASS
	100	0	20.60		PASS