

## Appendix C: Test Data For E-UTRA Band 7

### C.1: RF Output Power

Channel Bandwidth 5 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	22.09		PASS
		1	12	22.12		PASS
		1	24	22.31		PASS
		12	0	21.84		PASS
		12	6	22.00		PASS
		12	13	21.98		PASS
		25	0	21.60		PASS
	MCH	1	0	22.24		PASS
		1	12	21.56		PASS
		1	24	22.34		PASS
		12	0	21.91		PASS
		12	6	21.71		PASS
		12	13	21.95		PASS
		25	0	22.36		PASS
	HCH	1	0	21.55		PASS
		1	12	22.41		PASS
		1	24	22.06		PASS
		12	0	21.72		PASS
		12	6	21.83		PASS
		12	13	21.86		PASS
		25	0	21.20		PASS
16QAM	LCH	1	0	21.27		PASS
		1	12	21.23		PASS
		1	24	20.75		PASS
		12	0	20.81		PASS
		12	6	21.26		PASS
		12	13	20.74		PASS
		25	0	21.42		PASS
	MCH	1	0	21.13		PASS
		1	12	21.21		PASS
		1	24	21.15		PASS
		12	0	21.44		PASS
		12	6	21.10		PASS
		12	13	20.93		PASS
		25	0	20.86		PASS
	HCH	1	0	21.49		PASS

		1	12	21.37		PASS
		1	24	21.10		PASS
		12	0	21.03		PASS
		12	6	20.76		PASS
		12	13	20.85		PASS
		25	0	20.46		PASS

Channel Bandwidth 10 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	22.14		PASS
		1	24	22.24		PASS
		1	49	21.99		PASS
		25	0	21.64		PASS
		25	12	21.54		PASS
		25	25	22.49		PASS
		50	0	21.53		PASS
	MCH	1	0	21.83		PASS
		1	24	22.02		PASS
		1	49	22.12		PASS
		25	0	21.57		PASS
		25	12	21.55		PASS
		25	25	22.08		PASS
		50	0	21.56		PASS
	HCH	1	0	21.80		PASS
		1	24	21.80		PASS
		1	49	22.32		PASS
		25	0	21.52		PASS
		25	12	21.73		PASS
		25	25	21.35		PASS
		50	0	21.55		PASS
16QAM	LCH	1	0	21.34		PASS
		1	24	20.80		PASS
		1	49	20.90		PASS
		25	0	21.03		PASS
		25	12	21.46		PASS
		25	25	21.28		PASS
		50	0	20.78		PASS
	MCH	1	0	21.17		PASS
		1	24	21.14		PASS
		1	49	20.56		PASS
		25	0	21.34		PASS
		25	12	21.45		PASS
		25	25	20.51		PASS

	HCH	50	0	20.87		PASS
		1	0	21.40		PASS
		1	24	21.33		PASS
		1	49	20.73		PASS
		25	0	21.21		PASS
		25	12	20.83		PASS
		25	25	20.16		PASS
		50	0	20.86		PASS

Channel Bandwidth 15 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	21.55		PASS
		1	37	21.62		PASS
		1	74	22.08		PASS
		37	0	22.26		PASS
		37	18	21.85		PASS
		37	38	22.41		PASS
		75	0	22.00		PASS
	MCH	1	0	21.83		PASS
		1	37	22.16		PASS
		1	74	22.11		PASS
		37	0	22.33		PASS
		37	18	21.66		PASS
		37	38	21.76		PASS
		75	0	21.88		PASS
	HCH	1	0	21.79		PASS
		1	37	21.96		PASS
		1	74	22.13		PASS
		37	0	21.70		PASS
		37	18	22.30		PASS
		37	38	21.02		PASS
		75	0	21.29		PASS
16QAM	LCH	1	0	21.47		PASS
		1	37	20.79		PASS
		1	74	21.45		PASS
		37	0	20.77		PASS
		37	18	21.42		PASS
		37	38	21.39		PASS
		75	0	21.09		PASS
	MCH	1	0	20.92		PASS
		1	37	20.94		PASS
		1	74	20.95		PASS
		37	0	21.04		PASS

		37	18	20.65		PASS
		37	38	20.61		PASS
		75	0	20.93		PASS
	HCH	1	0	20.78		PASS
		1	37	20.65		PASS
		1	74	21.20		PASS
		37	0	20.83		PASS
		37	18	21.41		PASS
		37	38	20.35		PASS
		75	0	20.98		PASS

Channel Bandwidth 20 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	22.24		PASS
		1	49	22.40		PASS
		1	99	22.21		PASS
		50	0	21.58		PASS
		50	25	21.86		PASS
		50	50	21.77		PASS
		100	0	21.62		PASS
	MCH	1	0	21.96		PASS
		1	49	22.38		PASS
		1	99	21.54		PASS
		50	0	21.79		PASS
		50	25	21.61		PASS
		50	50	21.67		PASS
		100	0	21.21		PASS
	HCH	1	0	22.38		PASS
		1	49	22.05		PASS
		1	99	22.06		PASS
		50	0	21.81		PASS
		50	25	21.63		PASS
		50	50	21.69		PASS
		100	0	21.68		PASS
16QAM	LCH	1	0	20.99		PASS
		1	49	21.32		PASS
		1	99	21.03		PASS
		50	0	21.09		PASS
		50	25	20.76		PASS
		50	50	20.88		PASS
		100	0	20.86		PASS
	MCH	1	0	21.40		PASS
		1	49	20.66		PASS

		1	99	20.97		PASS
		50	0	20.81		PASS
		50	25	20.85		PASS
		50	50	20.48		PASS
		100	0	20.34		PASS
	HCH	1	0	21.14		PASS
		1	49	20.94		PASS
		1	99	20.52		PASS
		50	0	20.59		PASS
		50	25	20.50		PASS
		50	50	20.56		PASS
		100	0	20.87		PASS