

AppendixD: Test Data For E-UTRA Band 7

D.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	22.49		PASS
		1	12	22.05		PASS
		1	24	22.78		PASS
		12	0	22.19		PASS
		12	6	22.35		PASS
		12	13	22.47		PASS
		25	0	22.03		PASS
	MCH	1	0	22.51		PASS
		1	12	22.30		PASS
		1	24	22.51		PASS
		12	0	22.68		PASS
		12	6	22.33		PASS
		12	13	22.16		PASS
		25	0	21.96		PASS
	HCH	1	0	22.46		PASS
		1	12	22.34		PASS
		1	24	22.73		PASS
		12	0	21.94		PASS
		12	6	22.18		PASS
		12	13	21.40		PASS
		25	0	22.36		PASS
16QAM	LCH	1	0	21.16		PASS
		1	12	21.13		PASS
		1	24	21.18		PASS
		12	0	21.13		PASS
		12	6	21.37		PASS
		12	13	21.47		PASS
		25	0	21.34		PASS
	MCH	1	0	21.32		PASS
		1	12	20.92		PASS
		1	24	21.45		PASS
		12	0	21.03		PASS
		12	6	21.32		PASS
		12	13	21.47		PASS
		25	0	21.14		PASS
HCH	1	0	21.18		PASS	

		1	12	21.70		PASS
		1	24	21.83		PASS
		12	0	21.80		PASS
		12	6	21.19		PASS
		12	13	20.44		PASS
		25	0	20.41		PASS

Channel Bandwidth 10 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	22.08		PASS
		1	24	22.41		PASS
		1	49	21.91		PASS
		25	0	22.03		PASS
		25	12	22.03		PASS
		25	25	21.53		PASS
		50	0	22.12		PASS
	MCH	1	0	21.96		PASS
		1	24	22.45		PASS
		1	49	21.85		PASS
		25	0	22.21		PASS
		25	12	21.65		PASS
		25	25	22.02		PASS
		50	0	22.03		PASS
	HCH	1	0	21.96		PASS
		1	24	22.26		PASS
		1	49	21.72		PASS
		25	0	22.09		PASS
		25	12	21.68		PASS
		25	25	21.30		PASS
		50	0	21.90		PASS
16QAM	LCH	1	0	20.74		PASS
		1	24	20.59		PASS
		1	49	20.84		PASS
		25	0	20.90		PASS
		25	12	20.60		PASS
		25	25	20.52		PASS
		50	0	20.66		PASS
	MCH	1	0	20.56		PASS
		1	24	21.41		PASS
		1	49	20.65		PASS
		25	0	20.94		PASS
		25	12	21.42		PASS
		25	25	20.53		PASS

	HCH	50	0	21.26		PASS
		1	0	20.71		PASS
		1	24	20.66		PASS
		1	49	21.33		PASS
		25	0	21.36		PASS
		25	12	20.82		PASS
		25	25	20.90		PASS
		50	0	20.73		PASS

Channel Bandwidth 15 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	21.57		PASS
		1	37	22.38		PASS
		1	74	22.28		PASS
		37	0	22.43		PASS
		37	18	21.71		PASS
		37	38	21.81		PASS
		75	0	22.24		PASS
	MCH	1	0	22.23		PASS
		1	37	21.64		PASS
		1	74	22.22		PASS
		37	0	22.05		PASS
		37	18	22.49		PASS
		37	38	21.97		PASS
		75	0	22.38		PASS
	HCH	1	0	22.47		PASS
		1	37	22.09		PASS
		1	74	21.65		PASS
		37	0	22.32		PASS
		37	18	21.54		PASS
		37	38	21.89		PASS
		75	0	21.06		PASS
16QAM	LCH	1	0	20.91		PASS
		1	37	21.05		PASS
		1	74	21.29		PASS
		37	0	20.59		PASS
		37	18	21.04		PASS
		37	38	20.98		PASS
		75	0	21.39		PASS
	MCH	1	0	20.79		PASS
		1	37	21.30		PASS
		1	74	21.28		PASS
		37	0	20.73		PASS

		37	18	20.94	PASS
		37	38	21.04	PASS
		75	0	20.69	PASS
	HCH	1	0	20.76	PASS
		1	37	21.34	PASS
		1	74	20.85	PASS
		37	0	20.65	PASS
		37	18	20.77	PASS
		37	38	20.88	PASS
		75	0	20.24	PASS

Channel Bandwidth 20 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	22.42		PASS
		1	49	22.01		PASS
		1	99	22.21		PASS
		50	0	22.25		PASS
		50	25	21.60		PASS
		50	50	21.80		PASS
		100	0	21.86		PASS
	MCH	1	0	22.25		PASS
		1	49	21.78		PASS
		1	99	22.09		PASS
		50	0	22.23		PASS
		50	25	21.74		PASS
		50	50	22.06		PASS
		100	0	22.20		PASS
	HCH	1	0	21.51		PASS
		1	49	22.10		PASS
		1	99	21.74		PASS
		50	0	22.18		PASS
		50	25	22.37		PASS
		50	50	21.04		PASS
		100	0	21.65		PASS
16QAM	LCH	1	0	21.31		PASS
		1	49	21.13		PASS
		1	99	20.61		PASS
		50	0	20.79		PASS
		50	25	20.98		PASS
		50	50	20.86		PASS
		100	0	21.32		PASS
	MCH	1	0	21.36		PASS
		1	49	20.96		PASS

		1	99	20.96		PASS
		50	0	21.42		PASS
		50	25	21.46		PASS
		50	50	21.22		PASS
		100	0	20.74		PASS
	HCH	1	0	20.77		PASS
		1	49	20.63		PASS
		1	99	20.57		PASS
		50	0	21.28		PASS
		50	25	21.35		PASS
		50	50	20.38		PASS
		100	0	20.87		PASS