

Appendix A: Conduted Output Power

LTE Band 7

Test Result

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	21.10	/	PASS
		1	12	21.11	/	PASS
		1	24	21.08	/	PASS
		12	0	20.36	/	PASS
		12	6	20.50	/	PASS
		12	13	20.33	/	PASS
		25	0	20.76	/	PASS
	MCH	1	0	21.26	/	PASS
		1	12	20.85	/	PASS
		1	24	21.26	/	PASS
		12	0	20.21	/	PASS
		12	6	19.96	/	PASS
		12	13	20.11	/	PASS
		25	0	20.21	/	PASS
	HCH	1	0	21.09	/	PASS
		1	12	20.80	/	PASS
		1	24	21.40	/	PASS
		12	0	20.68	/	PASS
		12	6	20.85	/	PASS
		12	13	20.13	/	PASS
		25	0	20.49	/	PASS
16QAM	LCH	1	0	20.50	/	PASS
		1	12	20.41	/	PASS
		1	24	20.56	/	PASS
		12	0	20.33	/	PASS
		12	6	20.41	/	PASS
		12	13	21.14	/	PASS
		25	0	21.12	/	PASS
	MCH	1	0	21.08	/	PASS
		1	12	20.76	/	PASS
		1	24	20.42	/	PASS
		12	0	20.61	/	PASS

		12	6	20.61	/	PASS
		12	13	20.74	/	PASS
		25	0	20.62	/	PASS
	HCH	1	0	20.54	/	PASS
		1	12	20.56	/	PASS
		1	24	20.48	/	PASS
		12	0	20.19	/	PASS
		12	6	19.65	/	PASS
		12	13	19.59	/	PASS
		25	0	19.68	/	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	21.06	/	PASS
		1	24	20.50	/	PASS
		1	49	21.35	/	PASS
		25	0	19.81	/	PASS
		25	12	19.90	/	PASS
		25	25	20.01	/	PASS
		50	0	19.69	/	PASS
	MCH	1	0	20.81	/	PASS
		1	24	20.25	/	PASS
		1	49	20.60	/	PASS
		25	0	19.68	/	PASS
		25	12	19.62	/	PASS
		25	25	20.00	/	PASS
		50	0	19.75	/	PASS
	HCH	1	0	21.77	/	PASS
		1	24	21.04	/	PASS
		1	49	20.92	/	PASS
		25	0	20.04	/	PASS
		25	12	19.89	/	PASS
		25	25	20.10	/	PASS
		50	0	20.24	/	PASS
16QAM	LCH	1	0	20.48	/	PASS
		1	24	20.30	/	PASS
		1	49	20.48	/	PASS
		25	0	19.64	/	PASS
		25	12	19.78	/	PASS
		25	25	21.47	/	PASS

	MCH	50	0	20.73	/	PASS
		1	0	21.01	/	PASS
		1	24	20.23	/	PASS
		1	49	20.42	/	PASS
		25	0	20.03	/	PASS
		25	12	20.26	/	PASS
		25	25	20.43	/	PASS
		50	0	20.18	/	PASS
	HCH	1	0	20.72	/	PASS
		1	24	20.09	/	PASS
		1	49	20.39	/	PASS
		25	0	20.08	/	PASS
		25	12	19.42	/	PASS
		25	25	19.43	/	PASS
		50	0	19.50	/	PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	20.27	/	PASS
		1	37	20.89	/	PASS
		1	74	20.77	/	PASS
		37	0	19.82	/	PASS
		37	18	19.77	/	PASS
		37	38	20.12	/	PASS
		75	0	20.14	/	PASS
	MCH	1	0	20.32	/	PASS
		1	37	20.71	/	PASS
		1	74	20.16	/	PASS
		37	0	19.45	/	PASS
		37	18	19.57	/	PASS
		37	38	20.28	/	PASS
		75	0	20.62	/	PASS
	HCH	1	0	19.86	/	PASS
		1	37	20.36	/	PASS
		1	74	19.84	/	PASS
		37	0	19.03	/	PASS
		37	18	19.33	/	PASS
		37	38	19.27	/	PASS
		75	0	19.05	/	PASS
16QAM	LCH	1	0	20.00	/	PASS

		1	37	19.77	/	PASS
		1	74	19.64	/	PASS
		37	0	21.07	/	PASS
		37	18	21.11	/	PASS
		37	38	20.95	/	PASS
		75	0	20.44	/	PASS
	MCH	1	0	20.48	/	PASS
		1	37	20.56	/	PASS
		1	74	20.52	/	PASS
		37	0	21.15	/	PASS
		37	18	20.66	/	PASS
		37	38	20.73	/	PASS
		75	0	19.90	/	PASS
	HCH	1	0	19.34	/	PASS
		1	37	20.37	/	PASS
		1	74	20.23	/	PASS
		37	0	20.23	/	PASS
		37	18	20.87	/	PASS
		37	38	20.14	/	PASS
		75	0	20.48	/	PASS

Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	21.07	/	PASS
		1	49	21.22	/	PASS
		1	99	20.84	/	PASS
		50	0	20.41	/	PASS
		50	25	20.04	/	PASS
		50	50	20.21	/	PASS
		100	0	20.10	/	PASS
	MCH	1	0	21.09	/	PASS
		1	49	20.66	/	PASS
		1	99	21.40	/	PASS
		50	0	20.03	/	PASS
		50	25	19.72	/	PASS
		50	50	21.03	/	PASS
		100	0	20.90	/	PASS
	HCH	1	0	21.14	/	PASS
		1	49	20.33	/	PASS
		1	99	20.77	/	PASS

		50	0	20.36	/	PASS
		50	25	20.55	/	PASS
		50	50	20.04	/	PASS
		100	0	20.50	/	PASS
16QAM	LCH	1	0	20.51	/	PASS
		1	49	19.38	/	PASS
		1	99	19.71	/	PASS
		50	0	21.92	/	PASS
		50	25	20.59	/	PASS
		50	50	21.21	/	PASS
		100	0	21.57	/	PASS
	MCH	1	0	21.43	/	PASS
		1	49	21.05	/	PASS
		1	99	21.68	/	PASS
		50	0	21.31	/	PASS
		50	25	20.41	/	PASS
		50	50	21.71	/	PASS
		100	0	21.09	/	PASS
	HCH	1	0	21.23	/	PASS
		1	49	20.83	/	PASS
		1	99	21.05	/	PASS
		50	0	21.20	/	PASS
		50	25	21.03	/	PASS
		50	50	20.55	/	PASS
		100	0	20.82	/	PASS