

Appendix A: Conducted Output Power

LTE Band 4

Test Result

Channel Bandwidth: 1.4 MHz

Channel Bandwidth: 1.4 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	21.68	/	PASS
		1	3	22.04	/	PASS
		1	5	22.28	/	PASS
		3	0	21.81	/	PASS
		3	2	22.02	/	PASS
		3	3	21.99	/	PASS
		6	0	21.10	/	PASS
	MCH	1	0	21.17	/	PASS
		1	3	21.46	/	PASS
		1	5	21.14	/	PASS
		3	0	21.33	/	PASS
		3	2	20.81	/	PASS
		3	3	21.60	/	PASS
		6	0	21.85	/	PASS
	HCH	1	0	21.93	/	PASS
		1	3	20.50	/	PASS
		1	5	21.42	/	PASS
		3	0	21.18	/	PASS
		3	2	21.08	/	PASS
		3	3	21.23	/	PASS
		6	0	21.23	/	PASS
16QAM	LCH	1	0	22.05	/	PASS
		1	3	21.68	/	PASS
		1	5	21.97	/	PASS
		3	0	21.27	/	PASS
		3	2	21.67	/	PASS
		3	3	21.34	/	PASS
		6	0	21.64	/	PASS
	MCH	1	0	21.39	/	PASS
		1	3	21.23	/	PASS
		1	5	20.77	/	PASS
		3	0	21.67	/	PASS

		3	2	21.39	/	PASS
		3	3	21.38	/	PASS
		6	0	21.62	/	PASS
	HCH	1	0	21.05	/	PASS
		1	3	21.25	/	PASS
		1	5	21.55	/	PASS
		3	0	21.04	/	PASS
		3	2	21.00	/	PASS
		3	3	21.43	/	PASS
		6	0	21.22	/	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	21.12	/	PASS
		1	7	21.41	/	PASS
		1	14	21.48	/	PASS
		8	0	21.03	/	PASS
		8	4	21.49	/	PASS
		8	7	20.96	/	PASS
		15	0	20.68	/	PASS
	MCH	1	0	21.38	/	PASS
		1	7	21.09	/	PASS
		1	14	21.37	/	PASS
		8	0	21.15	/	PASS
		8	4	20.84	/	PASS
		8	7	20.45	/	PASS
		15	0	19.47	/	PASS
	HCH	1	0	20.49	/	PASS
		1	7	21.20	/	PASS
		1	14	21.22	/	PASS
		8	0	20.79	/	PASS
		8	4	20.15	/	PASS
		8	7	20.45	/	PASS
		15	0	20.62	/	PASS
16QAM	LCH	1	0	20.65	/	PASS
		1	7	20.40	/	PASS
		1	14	20.55	/	PASS
		8	0	20.78	/	PASS
		8	4	21.03	/	PASS
		8	7	21.19	/	PASS

		15	0	20.63	/	PASS
	MCH	1	0	20.76	/	PASS
		1	7	20.32	/	PASS
		1	14	20.62	/	PASS
		8	0	20.98	/	PASS
		8	4	20.80	/	PASS
		8	7	21.60	/	PASS
		15	0	19.93	/	PASS
		HCH	1	0	20.04	/
	1		7	20.51	/	PASS
	1		14	20.07	/	PASS
	8		0	21.03	/	PASS
	8		4	20.93	/	PASS
	8		7	21.30	/	PASS
	15		0	20.45	/	PASS

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	20.23	/	PASS	
		1	12	19.77	/	PASS	
		1	24	21.18	/	PASS	
		12	0	21.12	/	PASS	
		12	6	21.31	/	PASS	
		12	13	20.81	/	PASS	
		25	0	20.47	/	PASS	
	MCH	1	0	20.35	/	PASS	
		1	12	20.11	/	PASS	
		1	24	20.52	/	PASS	
		12	0	20.64	/	PASS	
		12	6	20.30	/	PASS	
		12	13	21.11	/	PASS	
		25	0	20.50	/	PASS	
	HCH	1	0	21.25	/	PASS	
		1	12	20.00	/	PASS	
		1	24	20.20	/	PASS	
		12	0	20.21	/	PASS	
		12	6	20.30	/	PASS	
		12	13	21.38	/	PASS	
		25	0	20.07	/	PASS	
	16QAM	LCH	1	0	20.85	/	PASS

		1	12	19.79	/	PASS
		1	24	19.72	/	PASS
		12	0	20.17	/	PASS
		12	6	19.88	/	PASS
		12	13	20.75	/	PASS
		25	0	19.71	/	PASS
	MCH	1	0	20.89	/	PASS
		1	12	19.26	/	PASS
		1	24	20.05	/	PASS
		12	0	21.69	/	PASS
		12	6	20.59	/	PASS
		12	13	20.48	/	PASS
	HCH	25	0	20.24	/	PASS
		1	0	20.17	/	PASS
		1	12	19.86	/	PASS
		1	24	20.38	/	PASS
		12	0	20.42	/	PASS
		12	6	19.67	/	PASS
		12	13	20.87	/	PASS
		25	0	20.17	/	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	20.89	/	PASS
		1	24	20.27	/	PASS
		1	49	21.33	/	PASS
		25	0	19.93	/	PASS
		25	12	20.39	/	PASS
		25	25	20.10	/	PASS
		50	0	19.68	/	PASS
	MCH	1	0	20.85	/	PASS
		1	24	20.22	/	PASS
		1	49	20.67	/	PASS
		25	0	20.29	/	PASS
		25	12	19.66	/	PASS
		25	25	20.45	/	PASS
		50	0	20.23	/	PASS
	HCH	1	0	20.20	/	PASS
		1	24	19.43	/	PASS
		1	49	19.59	/	PASS

		25	0	21.26	/	PASS
		25	12	20.31	/	PASS
		25	25	20.98	/	PASS
		50	0	19.98	/	PASS
16QAM	LCH	1	0	20.31	/	PASS
		1	24	19.99	/	PASS
		1	49	20.32	/	PASS
		25	0	20.26	/	PASS
		25	12	20.23	/	PASS
		25	25	21.05	/	PASS
		50	0	19.86	/	PASS
	MCH	1	0	19.71	/	PASS
		1	24	20.44	/	PASS
		1	49	20.52	/	PASS
		25	0	20.33	/	PASS
		25	12	20.39	/	PASS
		25	25	19.93	/	PASS
		50	0	20.10	/	PASS
	HCH	1	0	19.55	/	PASS
		1	24	19.48	/	PASS
		1	49	20.58	/	PASS
		25	0	19.89	/	PASS
		25	12	19.55	/	PASS
		25	25	19.80	/	PASS
		50	0	18.98	/	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	20.92	/	PASS
		1	37	21.27	/	PASS
		1	74	21.35	/	PASS
		37	0	20.42	/	PASS
		37	18	20.91	/	PASS
		37	38	20.59	/	PASS
		75	0	20.45	/	PASS
	MCH	1	0	21.20	/	PASS
		1	37	20.58	/	PASS
		1	74	21.17	/	PASS
		37	0	20.31	/	PASS
		37	18	20.06	/	PASS

		37	38	20.17	/	PASS
		75	0	20.32	/	PASS
	HCH	1	0	21.18	/	PASS
		1	37	20.74	/	PASS
		1	74	20.84	/	PASS
		37	0	20.72	/	PASS
		37	18	20.80	/	PASS
		37	38	20.50	/	PASS
		75	0	20.50	/	PASS
16QAM	LCH	1	0	20.80	/	PASS
		1	37	20.82	/	PASS
		1	74	19.92	/	PASS
		37	0	20.98	/	PASS
		37	18	20.71	/	PASS
		37	38	21.50	/	PASS
		75	0	19.96	/	PASS
	MCH	1	0	20.28	/	PASS
		1	37	19.91	/	PASS
		1	74	19.89	/	PASS
		37	0	20.98	/	PASS
		37	18	20.30	/	PASS
		37	38	20.62	/	PASS
		75	0	19.87	/	PASS
	HCH	1	0	19.63	/	PASS
		1	37	19.86	/	PASS
		1	74	19.64	/	PASS
		37	0	21.57	/	PASS
		37	18	20.96	/	PASS
		37	38	21.10	/	PASS
		75	0	20.28	/	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	20.30	/	PASS
		1	49	20.03	/	PASS
		1	99	20.40	/	PASS
		50	0	19.63	/	PASS
		50	25	19.47	/	PASS
		50	50	21.48	/	PASS
		100	0	20.88	/	PASS

	MCH	1	0	20.94	/	PASS
		1	49	20.17	/	PASS
		1	99	20.60	/	PASS
		50	0	19.77	/	PASS
		50	25	19.66	/	PASS
		50	50	20.42	/	PASS
		100	0	20.86	/	PASS
	HCH	1	0	20.66	/	PASS
		1	49	20.13	/	PASS
		1	99	19.63	/	PASS
		50	0	20.33	/	PASS
		50	25	20.06	/	PASS
		50	50	20.18	/	PASS
		100	0	20.55	/	PASS
16QAM	LCH	1	0	19.81	/	PASS
		1	49	19.41	/	PASS
		1	99	19.83	/	PASS
		50	0	19.84	/	PASS
		50	25	20.27	/	PASS
		50	50	19.96	/	PASS
		100	0	19.40	/	PASS
	MCH	1	0	19.36	/	PASS
		1	49	19.28	/	PASS
		1	99	19.05	/	PASS
		50	0	20.18	/	PASS
		50	25	19.76	/	PASS
		50	50	19.67	/	PASS
		100	0	21.02	/	PASS
	HCH	1	0	21.16	/	PASS
		1	49	20.40	/	PASS
		1	99	20.64	/	PASS
		50	0	20.71	/	PASS
		50	25	20.94	/	PASS
		50	50	20.32	/	PASS
		100	0	20.76	/	PASS