

Appendix A: Effective (Isotropic) Radiated Power Output Data

LTE Band 2 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	21.85	/	PASS
		1	3	21.84	/	PASS
		1	5	21.93	/	PASS
		3	0	21.64	/	PASS
		3	2	21.99	/	PASS
		3	3	21.86	/	PASS
		6	0	20.54	/	PASS
	MCH	1	0	21.41	/	PASS
		1	3	21.39	/	PASS
		1	5	21.12	/	PASS
		3	0	21.20	/	PASS
		3	2	21.06	/	PASS
		3	3	22.15	/	PASS
		6	0	21.72	/	PASS
	HCH	1	0	21.92	/	PASS
		1	3	21.38	/	PASS
		1	5	21.81	/	PASS
		3	0	21.65	/	PASS
		3	2	20.82	/	PASS
		3	3	21.30	/	PASS
		6	0	21.15	/	PASS
16QAM	LCH	1	0	21.44	/	PASS
		1	3	21.36	/	PASS
		1	5	21.54	/	PASS
		3	0	22.04	/	PASS
		3	2	21.95	/	PASS
		3	3	21.99	/	PASS
		6	0	21.93	/	PASS
	MCH	1	0	21.51	/	PASS
		1	3	21.40	/	PASS
		1	5	20.59	/	PASS
		3	0	21.16	/	PASS
		3	2	21.31	/	PASS
		3	3	21.21	/	PASS

		6	0	21.35	/	PASS
	HCH	1	0	21.30	/	PASS
		1	3	21.97	/	PASS
		1	5	21.89	/	PASS
		3	0	21.70	/	PASS
		3	2	21.96	/	PASS
		3	3	21.93	/	PASS
		6	0	21.56	/	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	21.21	/	PASS
		1	7	21.48	/	PASS
		1	14	21.21	/	PASS
		8	0	21.53	/	PASS
		8	4	21.25	/	PASS
		8	7	21.57	/	PASS
		15	0	20.83	/	PASS
	MCH	1	0	21.59	/	PASS
		1	7	21.38	/	PASS
		1	14	21.25	/	PASS
		8	0	21.51	/	PASS
		8	4	21.22	/	PASS
		8	7	21.28	/	PASS
		15	0	21.29	/	PASS
	HCH	1	0	21.19	/	PASS
		1	7	21.20	/	PASS
		1	14	21.60	/	PASS
		8	0	21.33	/	PASS
		8	4	20.49	/	PASS
		8	7	21.52	/	PASS
		15	0	21.38	/	PASS
16QAM	LCH	1	0	21.47	/	PASS
		1	7	21.26	/	PASS
		1	14	21.17	/	PASS
		8	0	20.88	/	PASS
		8	4	20.81	/	PASS
		8	7	21.01	/	PASS
		15	0	20.52	/	PASS
	MCH	1	0	20.83	/	PASS

		1	7	20.84	/	PASS
		1	14	19.93	/	PASS
		8	0	20.64	/	PASS
		8	4	20.77	/	PASS
		8	7	20.71	/	PASS
		15	0	20.58	/	PASS
	HCH	1	0	20.20	/	PASS
		1	7	20.60	/	PASS
		1	14	20.67	/	PASS
		8	0	20.45	/	PASS
		8	4	20.26	/	PASS
		8	7	20.54	/	PASS
		15	0	19.68	/	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	20.93	/	PASS
		1	12	21.15	/	PASS
		1	24	21.21	/	PASS
		12	0	20.57	/	PASS
		12	6	20.82	/	PASS
		12	13	20.86	/	PASS
		25	0	20.66	/	PASS
	MCH	1	0	21.08	/	PASS
		1	12	20.50	/	PASS
		1	24	20.90	/	PASS
		12	0	20.10	/	PASS
		12	6	20.05	/	PASS
		12	13	20.27	/	PASS
		25	0	20.00	/	PASS
	HCH	1	0	21.15	/	PASS
		1	12	20.98	/	PASS
		1	24	21.37	/	PASS
		12	0	20.47	/	PASS
		12	6	20.75	/	PASS
		12	13	20.59	/	PASS
		25	0	20.44	/	PASS
16QAM	LCH	1	0	20.43	/	PASS
		1	12	20.21	/	PASS
		1	24	20.56	/	PASS

		12	0	20.38	/	PASS
		12	6	20.42	/	PASS
		12	13	21.18	/	PASS
		25	0	20.90	/	PASS
	MCH	1	0	21.23	/	PASS
		1	12	20.74	/	PASS
		1	24	20.76	/	PASS
		12	0	20.62	/	PASS
		12	6	20.41	/	PASS
		12	13	20.73	/	PASS
		25	0	20.60	/	PASS
	HCH	1	0	20.47	/	PASS
		1	12	20.56	/	PASS
		1	24	20.66	/	PASS
		12	0	20.42	/	PASS
		12	6	19.74	/	PASS
		12	13	19.79	/	PASS
		25	0	19.77	/	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	20.85	/	PASS
		1	24	20.63	/	PASS
		1	49	21.24	/	PASS
		25	0	19.59	/	PASS
		25	12	20.00	/	PASS
		25	25	20.30	/	PASS
		50	0	19.97	/	PASS
	MCH	1	0	21.11	/	PASS
		1	24	20.45	/	PASS
		1	49	20.86	/	PASS
		25	0	19.67	/	PASS
		25	12	19.54	/	PASS
		25	25	19.90	/	PASS
		50	0	19.68	/	PASS
	HCH	1	0	21.48	/	PASS
		1	24	20.84	/	PASS
		1	49	21.06	/	PASS
		25	0	20.16	/	PASS
		25	12	19.90	/	PASS

		25	25	20.16	/	PASS
		50	0	20.22	/	PASS
16QAM	LCH	1	0	20.22	/	PASS
		1	24	20.09	/	PASS
		1	49	20.48	/	PASS
		25	0	19.61	/	PASS
		25	12	19.61	/	PASS
		25	25	21.57	/	PASS
		50	0	20.88	/	PASS
		MCH	1	0	20.95	/
	1		24	20.22	/	PASS
	1		49	20.21	/	PASS
	25		0	20.02	/	PASS
	25		12	20.31	/	PASS
	25		25	20.27	/	PASS
	50		0	19.94	/	PASS
	HCH	1	0	20.91	/	PASS
		1	24	20.05	/	PASS
		1	49	20.30	/	PASS
		25	0	20.28	/	PASS
		25	12	19.37	/	PASS
		25	25	19.48	/	PASS
		50	0	19.61	/	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	20.31	/	PASS
		1	37	20.59	/	PASS
		1	74	20.72	/	PASS
		37	0	19.87	/	PASS
		37	18	19.90	/	PASS
		37	38	20.13	/	PASS
		75	0	20.09	/	PASS
	MCH	1	0	20.31	/	PASS
		1	37	20.60	/	PASS
		1	74	20.11	/	PASS
		37	0	19.80	/	PASS
		37	18	19.51	/	PASS
		37	38	20.16	/	PASS
		75	0	20.42	/	PASS

	HCH	1	0	19.87	/	PASS
		1	37	20.20	/	PASS
		1	74	20.26	/	PASS
		37	0	19.09	/	PASS
		37	18	19.38	/	PASS
		37	38	19.17	/	PASS
		75	0	18.95	/	PASS
16QAM	LCH	1	0	19.85	/	PASS
		1	37	19.37	/	PASS
		1	74	19.49	/	PASS
		37	0	20.91	/	PASS
		37	18	21.15	/	PASS
		37	38	21.29	/	PASS
		75	0	20.30	/	PASS
	MCH	1	0	20.42	/	PASS
		1	37	20.40	/	PASS
		1	74	20.31	/	PASS
		37	0	21.15	/	PASS
		37	18	20.22	/	PASS
		37	38	20.72	/	PASS
		75	0	20.16	/	PASS
	HCH	1	0	19.40	/	PASS
		1	37	20.16	/	PASS
		1	74	20.04	/	PASS
		37	0	20.25	/	PASS
		37	18	20.76	/	PASS
		37	38	20.27	/	PASS
		75	0	20.42	/	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	20.90	/	PASS
		1	49	21.28	/	PASS
		1	99	21.27	/	PASS
		50	0	19.99	/	PASS
		50	25	20.41	/	PASS
		50	50	20.38	/	PASS
		100	0	20.34	/	PASS
	MCH	1	0	21.05	/	PASS
		1	49	20.51	/	PASS

		1	99	20.84	/	PASS
		50	0	19.95	/	PASS
		50	25	19.54	/	PASS
		50	50	21.14	/	PASS
		100	0	20.83	/	PASS
	HCH	1	0	20.99	/	PASS
		1	49	20.40	/	PASS
		1	99	20.38	/	PASS
		50	0	20.35	/	PASS
		50	25	20.39	/	PASS
		50	50	19.79	/	PASS
		100	0	20.51	/	PASS
	16QAM	LCH	1	0	20.49	/
1			49	19.25	/	PASS
1			99	19.79	/	PASS
50			0	21.10	/	PASS
50			25	20.52	/	PASS
50			50	21.15	/	PASS
100			0	21.13	/	PASS
MCH		1	0	21.20	/	PASS
		1	49	21.23	/	PASS
		1	99	21.14	/	PASS
		50	0	21.07	/	PASS
		50	25	20.18	/	PASS
		50	50	21.03	/	PASS
		100	0	21.21	/	PASS
HCH		1	0	21.18	/	PASS
		1	49	21.08	/	PASS
		1	99	21.05	/	PASS
		50	0	21.06	/	PASS
		50	25	20.71	/	PASS
		50	50	20.67	/	PASS
		100	0	20.83	/	PASS