

## Appendix A: Effective (Isotropic) Radiated Power Output Data

### 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	21.64	/	PASS
		1	3	22.03	/	PASS
		1	5	22.13	/	PASS
		3	0	21.76	/	PASS
		3	2	22.00	/	PASS
		3	3	21.99	/	PASS
		6	0	20.92	/	PASS
	MCH	1	0	21.16	/	PASS
		1	3	21.30	/	PASS
		1	5	21.27	/	PASS
		3	0	21.48	/	PASS
		3	2	21.00	/	PASS
		3	3	21.45	/	PASS
		6	0	21.75	/	PASS
	HCH	1	0	22.07	/	PASS
		1	3	20.62	/	PASS
		1	5	21.32	/	PASS
		3	0	21.14	/	PASS
		3	2	21.20	/	PASS
		3	3	21.42	/	PASS
		6	0	21.28	/	PASS
16QAM	LCH	1	0	22.20	/	PASS
		1	3	21.66	/	PASS
		1	5	21.81	/	PASS
		3	0	21.34	/	PASS
		3	2	21.52	/	PASS
		3	3	21.28	/	PASS
		6	0	21.59	/	PASS
	MCH	1	0	21.25	/	PASS
		1	3	21.41	/	PASS
		1	5	20.85	/	PASS
		3	0	21.59	/	PASS
		3	2	21.49	/	PASS
		3	3	21.57	/	PASS

		6	0	21.66	/	PASS
	HCH	1	0	21.12	/	PASS
		1	3	21.22	/	PASS
		1	5	21.43	/	PASS
		3	0	21.04	/	PASS
		3	2	21.09	/	PASS
		3	3	21.55	/	PASS
		6	0	21.29	/	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	21.31	/	PASS
		1	7	21.35	/	PASS
		1	14	21.30	/	PASS
		8	0	21.13	/	PASS
		8	4	21.39	/	PASS
		8	7	21.13	/	PASS
		15	0	20.49	/	PASS
	MCH	1	0	21.37	/	PASS
		1	7	21.14	/	PASS
		1	14	21.41	/	PASS
		8	0	20.99	/	PASS
		8	4	20.90	/	PASS
		8	7	20.63	/	PASS
		15	0	19.65	/	PASS
	HCH	1	0	20.66	/	PASS
		1	7	21.12	/	PASS
		1	14	21.08	/	PASS
		8	0	20.80	/	PASS
		8	4	20.11	/	PASS
		8	7	20.43	/	PASS
		15	0	20.68	/	PASS
16QAM	LCH	1	0	20.46	/	PASS
		1	7	20.25	/	PASS
		1	14	20.57	/	PASS
		8	0	20.83	/	PASS
		8	4	21.02	/	PASS
		8	7	21.15	/	PASS
		15	0	20.49	/	PASS
	MCH	1	0	20.79	/	PASS

		1	7	20.48	/	PASS
		1	14	20.70	/	PASS
		8	0	20.97	/	PASS
		8	4	20.92	/	PASS
		8	7	21.42	/	PASS
		15	0	20.07	/	PASS
	HCH	1	0	20.02	/	PASS
		1	7	20.57	/	PASS
		1	14	20.01	/	PASS
		8	0	21.07	/	PASS
		8	4	20.97	/	PASS
		8	7	21.42	/	PASS
		15	0	20.54	/	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	20.41	/	PASS
		1	12	19.91	/	PASS
		1	24	21.36	/	PASS
		12	0	21.25	/	PASS
		12	6	21.12	/	PASS
		12	13	20.71	/	PASS
		25	0	20.55	/	PASS
	MCH	1	0	20.45	/	PASS
		1	12	20.10	/	PASS
		1	24	20.65	/	PASS
		12	0	20.49	/	PASS
		12	6	20.17	/	PASS
		12	13	20.92	/	PASS
		25	0	20.70	/	PASS
	HCH	1	0	21.05	/	PASS
		1	12	19.98	/	PASS
		1	24	20.22	/	PASS
		12	0	20.29	/	PASS
		12	6	20.13	/	PASS
		12	13	21.26	/	PASS
		25	0	19.99	/	PASS
16QAM	LCH	1	0	20.90	/	PASS
		1	12	19.90	/	PASS
		1	24	19.64	/	PASS

		12	0	20.05	/	PASS
		12	6	19.97	/	PASS
		12	13	20.64	/	PASS
		25	0	19.87	/	PASS
	MCH	1	0	20.81	/	PASS
		1	12	19.34	/	PASS
		1	24	20.03	/	PASS
		12	0	21.79	/	PASS
		12	6	20.67	/	PASS
		12	13	20.65	/	PASS
		25	0	20.34	/	PASS
	HCH	1	0	20.29	/	PASS
		1	12	19.95	/	PASS
		1	24	20.22	/	PASS
		12	0	20.33	/	PASS
		12	6	19.76	/	PASS
		12	13	20.72	/	PASS
		25	0	20.26	/	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	20.76	/	PASS
		1	24	20.44	/	PASS
		1	49	21.27	/	PASS
		25	0	19.73	/	PASS
		25	12	20.27	/	PASS
		25	25	20.05	/	PASS
		50	0	19.75	/	PASS
	MCH	1	0	21.03	/	PASS
		1	24	20.38	/	PASS
		1	49	20.78	/	PASS
		25	0	20.10	/	PASS
		25	12	19.48	/	PASS
		25	25	20.41	/	PASS
		50	0	20.20	/	PASS
	HCH	1	0	20.30	/	PASS
		1	24	19.55	/	PASS
		1	49	19.75	/	PASS
		25	0	21.31	/	PASS
		25	12	20.49	/	PASS

		25	25	20.94	/	PASS
		50	0	20.07	/	PASS
16QAM	LCH	1	0	20.22	/	PASS
		1	24	20.16	/	PASS
		1	49	20.24	/	PASS
		25	0	20.40	/	PASS
		25	12	20.42	/	PASS
		25	25	20.99	/	PASS
		50	0	19.83	/	PASS
		MCH	1	0	19.72	/
	1		24	20.52	/	PASS
	1		49	20.37	/	PASS
	25		0	20.18	/	PASS
	25		12	20.47	/	PASS
	25		25	19.83	/	PASS
	50		0	19.93	/	PASS
	HCH		1	0	19.71	/
		1	24	19.49	/	PASS
		1	49	20.62	/	PASS
		25	0	20.09	/	PASS
		25	12	19.47	/	PASS
		25	25	19.65	/	PASS
		50	0	19.12	/	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	20.80	/	PASS
		1	37	21.11	/	PASS
		1	74	21.37	/	PASS
		37	0	20.56	/	PASS
		37	18	20.77	/	PASS
		37	38	20.68	/	PASS
		75	0	20.63	/	PASS
	MCH	1	0	21.28	/	PASS
		1	37	20.60	/	PASS
		1	74	21.19	/	PASS
		37	0	20.20	/	PASS
		37	18	20.02	/	PASS
		37	38	20.31	/	PASS
		75	0	20.41	/	PASS

	HCH	1	0	21.33	/	PASS
		1	37	20.78	/	PASS
		1	74	20.85	/	PASS
		37	0	20.77	/	PASS
		37	18	20.78	/	PASS
		37	38	20.54	/	PASS
		75	0	20.70	/	PASS
16QAM	LCH	1	0	20.74	/	PASS
		1	37	20.67	/	PASS
		1	74	20.08	/	PASS
		37	0	20.86	/	PASS
		37	18	20.66	/	PASS
		37	38	21.37	/	PASS
		75	0	19.79	/	PASS
	MCH	1	0	20.23	/	PASS
		1	37	20.01	/	PASS
		1	74	19.86	/	PASS
		37	0	20.86	/	PASS
		37	18	20.24	/	PASS
		37	38	20.46	/	PASS
		75	0	19.99	/	PASS
	HCH	1	0	19.48	/	PASS
		1	37	20.06	/	PASS
		1	74	19.74	/	PASS
		37	0	21.58	/	PASS
		37	18	20.98	/	PASS
		37	38	21.15	/	PASS
		75	0	20.17	/	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	20.45	/	PASS
		1	49	19.89	/	PASS
		1	99	20.57	/	PASS
		50	0	19.48	/	PASS
		50	25	19.36	/	PASS
		50	50	21.44	/	PASS
		100	0	20.86	/	PASS
	MCH	1	0	20.94	/	PASS
		1	49	20.18	/	PASS

		1	99	20.47	/	PASS
		50	0	19.96	/	PASS
		50	25	20.45	/	PASS
		50	50	20.37	/	PASS
		100	0	20.69	/	PASS
	HCH	1	0	20.63	/	PASS
		1	49	20.19	/	PASS
		1	99	19.77	/	PASS
		50	0	20.21	/	PASS
		50	25	19.98	/	PASS
		50	50	20.28	/	PASS
		100	0	20.63	/	PASS
	16QAM	LCH	1	0	19.82	/
1			49	19.59	/	PASS
1			99	20.01	/	PASS
50			0	19.71	/	PASS
50			25	20.22	/	PASS
50			50	20.03	/	PASS
100			0	19.25	/	PASS
MCH		1	0	19.27	/	PASS
		1	49	19.13	/	PASS
		1	99	19.06	/	PASS
		50	0	20.01	/	PASS
		50	25	19.66	/	PASS
		50	50	19.81	/	PASS
		100	0	20.87	/	PASS
HCH		1	0	21.24	/	PASS
		1	49	20.33	/	PASS
		1	99	20.60	/	PASS
		50	0	20.52	/	PASS
		50	25	20.96	/	PASS
		50	50	20.30	/	PASS
		100	0	20.85	/	PASS