

Band 4 Appendix B Section B.1: Effective (Isotropic) Radiated Power Output Data

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	21.63	/	PASS
		1	3	21.62	/	PASS
		1	5	21.62	/	PASS
		3	0	21.89	/	PASS
		3	2	21.87	/	PASS
		3	3	21.85	/	PASS
		6	0	20.78	/	PASS
	MCH	1	0	21.53	/	PASS
		1	3	21.72	/	PASS
		1	5	21.71	/	PASS
		3	0	21.85	/	PASS
		3	2	21.91	/	PASS
		3	3	21.55	/	PASS
		6	0	20.79	/	PASS
	HCH	1	0	22.07	/	PASS
		1	3	22.13	/	PASS
		1	5	22.12	/	PASS
		3	0	22.26	/	PASS
		3	2	22.31	/	PASS
		3	3	22.30	/	PASS
		6	0	21.26	/	PASS
16QAM	LCH	1	0	20.87	/	PASS
		1	3	20.89	/	PASS
		1	5	20.80	/	PASS
		3	0	21.20	/	PASS
		3	2	21.10	/	PASS
		3	3	21.08	/	PASS
		6	0	20.11	/	PASS
	MCH	1	0	20.83	/	PASS
		1	3	20.95	/	PASS
		1	5	20.98	/	PASS
		3	0	20.48	/	PASS

		3	2	20.85	/	PASS
		3	3	20.95	/	PASS
		6	0	19.91	/	PASS
	HCH	1	0	21.68	/	PASS
		1	3	21.79	/	PASS
		1	5	21.76	/	PASS
		3	0	21.39	/	PASS
		3	2	21.42	/	PASS
		3	3	21.45	/	PASS
		6	0	20.37	/	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	21.73	/	PASS
		1	7	21.72	/	PASS
		1	14	21.45	/	PASS
		8	0	20.88	/	PASS
		8	4	20.81	/	PASS
		8	7	20.77	/	PASS
		15	0	20.82	/	PASS
	MCH	1	0	21.55	/	PASS
		1	7	21.87	/	PASS
		1	14	21.94	/	PASS
		8	0	20.12	/	PASS
		8	4	20.09	/	PASS
		8	7	20.04	/	PASS
		15	0	19.96	/	PASS
	HCH	1	0	22.16	/	PASS
		1	7	22.27	/	PASS
		1	14	22.13	/	PASS
		8	0	21.37	/	PASS
		8	4	21.34	/	PASS
		8	7	21.35	/	PASS
		15	0	21.37	/	PASS
16QAM	LCH	1	0	20.91	/	PASS
		1	7	20.91	/	PASS
		1	14	20.61	/	PASS
		8	0	19.93	/	PASS
		8	4	19.86	/	PASS

		8	7	19.82	/	PASS
		15	0	19.91	/	PASS
	MCH	1	0	20.23	/	PASS
		1	7	20.21	/	PASS
		1	14	20.11	/	PASS
		8	0	18.93	/	PASS
		8	4	19.15	/	PASS
		8	7	19.08	/	PASS
		15	0	19.19	/	PASS
	HCH	1	0	21.33	/	PASS
		1	7	21.46	/	PASS
		1	14	21.34	/	PASS
		8	0	20.52	/	PASS
		8	4	20.52	/	PASS
		8	7	20.49	/	PASS
15		0	20.38	/	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	21.71	/	PASS
		1	12	21.57	/	PASS
		1	24	21.23	/	PASS
		12	0	20.68	/	PASS
		12	6	20.64	/	PASS
		12	13	20.58	/	PASS
		25	0	20.65	/	PASS
	MCH	1	0	21.40	/	PASS
		1	12	21.79	/	PASS
		1	24	21.98	/	PASS
		12	0	19.77	/	PASS
		12	6	19.88	/	PASS
		12	13	20.02	/	PASS
		25	0	19.91	/	PASS
	HCH	1	0	21.75	/	PASS
		1	12	22.10	/	PASS
		1	24	22.07	/	PASS
		12	0	21.31	/	PASS
		12	6	21.32	/	PASS
		12	13	21.20	/	PASS

		25	0	21.24	/	PASS
16QAM	LCH	1	0	20.95	/	PASS
		1	12	20.81	/	PASS
		1	24	20.48	/	PASS
		12	0	19.61	/	PASS
		12	6	19.57	/	PASS
		12	13	19.52	/	PASS
		25	0	19.71	/	PASS
	MCH	1	0	19.78	/	PASS
		1	12	20.05	/	PASS
		1	24	20.20	/	PASS
		12	0	18.72	/	PASS
		12	6	18.85	/	PASS
		12	13	18.98	/	PASS
		25	0	19.01	/	PASS
	HCH	1	0	21.60	/	PASS
		1	12	21.65	/	PASS
		1	24	21.52	/	PASS
		12	0	20.37	/	PASS
		12	6	20.38	/	PASS
		12	13	20.26	/	PASS
		25	0	20.35	/	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	21.87	/	PASS
		1	24	21.37	/	PASS
		1	49	21.07	/	PASS
		25	0	20.47	/	PASS
		25	12	20.38	/	PASS
		25	25	20.23	/	PASS
		50	0	20.35	/	PASS
	MCH	1	0	21.31	/	PASS
		1	24	21.82	/	PASS
		1	49	22.43	/	PASS
		25	0	19.97	/	PASS
		25	12	19.86	/	PASS
		25	25	20.14	/	PASS
		50	0	19.93	/	PASS

	HCH	1	0	21.99	/	PASS
		1	24	21.85	/	PASS
		1	49	21.71	/	PASS
		25	0	21.26	/	PASS
		25	12	21.38	/	PASS
		25	25	21.22	/	PASS
		50	0	21.30	/	PASS
16QAM	LCH	1	0	21.04	/	PASS
		1	24	20.54	/	PASS
		1	49	20.24	/	PASS
		25	0	19.53	/	PASS
		25	12	19.45	/	PASS
		25	25	19.31	/	PASS
		50	0	19.43	/	PASS
	MCH	1	0	20.31	/	PASS
		1	24	20.72	/	PASS
		1	49	20.71	/	PASS
		25	0	18.84	/	PASS
		25	12	19.10	/	PASS
		25	25	19.34	/	PASS
		50	0	19.16	/	PASS
	HCH	1	0	21.78	/	PASS
		1	24	21.36	/	PASS
		1	49	21.31	/	PASS
		25	0	20.42	/	PASS
		25	12	20.44	/	PASS
		25	25	20.33	/	PASS
		50	0	20.32	/	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	21.89	/	PASS
		1	37	21.17	/	PASS
		1	74	21.06	/	PASS
		37	0	20.37	/	PASS
		37	18	20.22	/	PASS
		37	38	19.99	/	PASS
		75	0	20.17	/	PASS
	MCH	1	0	21.20	/	PASS

		1	37	21.87	/	PASS
		1	74	22.61	/	PASS
		37	0	19.89	/	PASS
		37	18	20.48	/	PASS
		37	38	20.49	/	PASS
		75	0	20.16	/	PASS
	HCH	1	0	21.87	/	PASS
		1	37	21.60	/	PASS
		1	74	21.46	/	PASS
		37	0	21.18	/	PASS
		37	18	20.98	/	PASS
		37	38	21.18	/	PASS
		75	0	21.52	/	PASS
	16QAM	LCH	1	0	21.03	/
1			37	20.35	/	PASS
1			74	20.24	/	PASS
37			0	19.38	/	PASS
37			18	19.22	/	PASS
37			38	19.00	/	PASS
75			0	19.21	/	PASS
MCH		1	0	20.29	/	PASS
		1	37	20.76	/	PASS
		1	74	21.50	/	PASS
		37	0	18.69	/	PASS
		37	18	19.28	/	PASS
		37	38	19.59	/	PASS
		75	0	19.18	/	PASS
HCH		1	0	21.27	/	PASS
		1	37	20.90	/	PASS
		1	74	20.74	/	PASS
		37	0	20.41	/	PASS
		37	18	20.40	/	PASS
		37	38	20.50	/	PASS
		75	0	20.52	/	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	22.10	/	PASS
		1	49	21.15	/	PASS

		1	99	21.62	/	PASS	
		50	0	20.24	/	PASS	
		50	25	20.10	/	PASS	
		50	50	19.80	/	PASS	
		100	0	20.02	/	PASS	
	MCH	1	0	21.37	/	PASS	
		1	49	21.97	/	PASS	
		1	99	22.88	/	PASS	
		50	0	19.97	/	PASS	
		50	25	20.28	/	PASS	
		50	50	20.76	/	PASS	
		100	0	20.29	/	PASS	
	HCH	1	0	21.56	/	PASS	
		1	49	21.67	/	PASS	
		1	99	21.51	/	PASS	
		50	0	20.54	/	PASS	
		50	25	20.62	/	PASS	
		50	50	20.66	/	PASS	
		100	0	21.16	/	PASS	
	16QAM	LCH	1	0	21.51	/	PASS
			1	49	20.65	/	PASS
1			99	21.20	/	PASS	
50			0	19.27	/	PASS	
50			25	19.13	/	PASS	
50			50	18.82	/	PASS	
100			0	19.01	/	PASS	
MCH		1	0	20.89	/	PASS	
		1	49	21.52	/	PASS	
		1	99	22.16	/	PASS	
		50	0	18.89	/	PASS	
		50	25	19.09	/	PASS	
		50	50	20.01	/	PASS	
		100	0	19.18	/	PASS	
HCH		1	0	20.65	/	PASS	
		1	49	20.83	/	PASS	
		1	99	20.67	/	PASS	
		50	0	19.61	/	PASS	
		50	25	19.71	/	PASS	
		50	50	19.98	/	PASS	
		100	0	20.22	/	PASS	