Appendix A: Average Power Output Data

Test Result

Channel Bandwidth: 5 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.25	PASS
		1	12	23.14	PASS
		1	24	23.77	PASS
		12	0	22.12	PASS
		12	6	22.02	PASS
		12	13	22.21	PASS
		25	0	22.02	PASS
	MCH	1	0	23.31	PASS
		1	12	22.80	PASS
		1	24	23.39	PASS
		12	0	22.01	PASS
		12	6	21.92	PASS
		12	13	22.11	PASS
		25	0	22.01	PASS
	HCH	1	0	22.23	PASS
		1	12	22.18	PASS
		1	24	22.14	PASS
		12	0	21.31	PASS
		12	6	21.25	PASS
		12	13	21.25	PASS
		25	0	21.23	PASS
16QAM	LCH	1	0	22.90	PASS
		1	12	22.42	PASS
		1	24	23.03	PASS
		12	0	21.27	PASS
		12	6	21.23	PASS
		12	13	21.36	PASS
		25	0	21.11	PASS
	MCH	1	0	22.37	PASS

		1	12	22.00	PASS
		1	24	22.45	PASS
		12	0	21.12	PASS
		12	6	21.07	PASS
		12	13	21.25	PASS
		25	0	21.11	PASS
	HCH	1	0	21.38	PASS
		1	12	21.40	PASS
		1	24	21.29	PASS
		12	0	20.34	PASS
		12	6	20.30	PASS
		12	13	20.28	PASS
		25	0	20.26	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.55	PASS
		1	24	22.83	PASS
		1	49	23.03	PASS
		25	0	21.80	PASS
		25	12	21.87	PASS
		25	25	22.04	PASS
		50	0	21.88	PASS
	MCH	1	0	22.59	PASS
		1	24	22.63	PASS
		1	49	22.65	PASS
		25	0	21.77	PASS
		25	12	21.81	PASS
		25	25	21.86	PASS
		50	0	21.81	PASS
	HCH	1	0	22.17	PASS
		1	24	22.17	PASS
		1	49	21.90	PASS
		25	0	21.32	PASS
		25	12	21.30	PASS
		25	25	21.26	PASS
		50	0	21.30	PASS
16QAM	LCH	1	0	21.87	PASS
		1	24	22.17	PASS
		1	49	22.33	PASS
		25	0	20.91	PASS

		25	12	21.04	PASS
		25	25	21.20	PASS
		50	0	21.07	PASS
	MCH	1	0	21.95	PASS
		1	24	22.11	PASS
		1	49	22.02	PASS
		25	0	20.90	PASS
		25	12	20.94	PASS
		25	25	21.00	PASS
		50	0	20.94	PASS
	HCH	1	0	21.64	PASS
		1	24	21.67	PASS
		1	49	21.43	PASS
		25	0	20.40	PASS
		25	12	20.31	PASS
		25	25	20.24	PASS
		50	0	20.34	PASS

Channel Bandwidth: 15 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.64	PASS
		1	37	22.95	PASS
		1	74	23.32	PASS
		37	0	21.74	PASS
		37	18	22.00	PASS
		37	38	22.27	PASS
		75	0	22.03	PASS
	MCH	1	0	22.72	PASS
		1	37	22.55	PASS
		1	74	22.90	PASS
		37	0	21.74	PASS
		37	18	21.72	PASS
		37	38	21.89	PASS
		75	0	21.80	PASS
	HCH	1	0	22.52	PASS
		1	37	22.07	PASS
		1	74	22.08	PASS
		37	0	21.35	PASS
		37	18	21.25	PASS
		37	38	21.23	PASS
		75	0	21.29	PASS

16QAM	LCH	1	0	21.95	PASS
		1	37	22.29	PASS
		1	74	22.63	PASS
		37	0	20.93	PASS
		37	18	21.19	PASS
		37	38	21.44	PASS
		75	0	21.22	PASS
	MCH	1	0	22.07	PASS
		1	37	22.03	PASS
		1	74	22.28	PASS
		37	0	20.82	PASS
		37	18	20.85	PASS
		37	38	21.01	PASS
		75	0	20.93	PASS
	HCH	1	0	21.89	PASS
		1	37	21.57	PASS
		1	74	21.47	PASS
		37	0	20.54	PASS
		37	18	20.47	PASS
		37	38	20.37	PASS
		75	0	20.46	PASS

Channel Bandwidth: 20 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.70	PASS
		1	49	23.79	PASS
		1	99	23.17	PASS
		50	0	21.92	PASS
		50	25	22.15	PASS
		50	50	22.26	PASS
		100	0	22.07	PASS
	MCH	1	0	22.89	PASS
		1	49	22.62	PASS
		1	99	23.06	PASS
		50	0	21.66	PASS
		50	25	21.68	PASS
		50	50	21.88	PASS
		100	0	21.75	PASS
	HCH	1	0	23.00	PASS
		1	49	22.15	PASS
		1	99	22.15	PASS

		50	0	21.57	PASS
		50	25	21.26	PASS
		50	50	21.17	PASS
		100	0	21.35	PASS
16QAM	LCH	1	0	21.91	PASS
		1	49	22.46	PASS
		1	99	22.39	PASS
		50	0	21.00	PASS
		50	25	21.33	PASS
		50	50	21.44	PASS
		100	0	21.23	PASS
	MCH	1	0	22.05	PASS
		1	49	21.96	PASS
		1	99	22.31	PASS
		50	0	20.79	PASS
		50	25	20.82	PASS
		50	50	21.04	PASS
		100	0	20.91	PASS
	HCH	1	0	22.34	PASS
		1	49	21.68	PASS
		1	99	21.61	PASS
		50	0	20.79	PASS
		50	25	20.52	PASS
		50	50	20.41	PASS
		100	0	20.57	PASS

Appendix B: Peak-to-Average Ratio

Test Result

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.95	<13	PASS
		1	12	4.45	<13	PASS
		1	24	4.1	<13	PASS
		12	0	5.35	<13	PASS
		12	6	5.34	<13	PASS
		12	13	5.32	<13	PASS
		25	0	5.37	<13	PASS
	MCH	1	0	4.5	<13	PASS
		1	12	4.88	<13	PASS
		1	24	4.39	<13	PASS
		12	0	5.48	<13	PASS
		12	6	5.44	<13	PASS
		12	13	5.35	<13	PASS
		25	0	5.48	<13	PASS
	HCH	1	0	4.14	<13	PASS
		1	12	4.09	<13	PASS
		1	24	3.91	<13	PASS
		12	0	5.15	<13	PASS
		12	6	5.16	<13	PASS
		12	13	5.06	<13	PASS
		25	0	5.19	<13	PASS
16QAM	LCH	1	0	4.9	<13	PASS
		1	12	5.37	<13	PASS
		1	24	4.98	<13	PASS
		12	0	6.06	<13	PASS
		12	6	6.12	<13	PASS
		12	13	6.16	<13	PASS
		25	0	6.13	<13	PASS

	MCH	1	0	5.16	<13	PASS
		1	12	5.29	<13	PASS
		1	24	5.03	<13	PASS
		12	0	6.34	<13	PASS
		12	6	6.34	<13	PASS
		12	13	6.33	<13	PASS
		25	0	6.16	<13	PASS
	HCH	1	0	5.14	<13	PASS
		1	12	5	<13	PASS
		1	24	4.85	<13	PASS
		12	0	5.9	<13	PASS
		12	6	5.88	<13	PASS
		12	13	5.84	<13	PASS
		25	0	5.96	<13	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.45	<13	PASS
		1	24	4.43	<13	PASS
		1	49	4.24	<13	PASS
		25	0	5.34	<13	PASS
		25	12	5.37	<13	PASS
		25	25	5.28	<13	PASS
		50	0	5.3	<13	PASS
	MCH	1	0	4.79	<13	PASS
		1	24	4.79	<13	PASS
		1	49	4.67	<13	PASS
		25	0	5.49	<13	PASS
		25	12	5.5	<13	PASS
		25	25	5.4	<13	PASS
		50	0	5.43	<13	PASS
	HCH	1	0	4.5	<13	PASS
		1	24	4.25	<13	PASS
		1	49	4.15	<13	PASS
		25	0	5.33	<13	PASS
		25	12	5.26	<13	PASS
		25	25	5.19	<13	PASS
		50	0	5.25	<13	PASS
16QAM	LCH	1	0	5.37	<13	PASS

		1	24	5.39	<13	PASS
		1	49	5.18	<13	PASS
		25	0	6.13	<13	PASS
		25	12	6.14	<13	PASS
		25	25	6.05	<13	PASS
		50	0	6.01	<13	PASS
	MCH	1	0	5.78	<13	PASS
		1	24	5.61	<13	PASS
		1	49	5.55	<13	PASS
		25	0	6.21	<13	PASS
		25	12	6.25	<13	PASS
		25	25	6.21	<13	PASS
		50	0	6.07	<13	PASS
	HCH	1	0	5.39	<13	PASS
		1	24	5.1	<13	PASS
		1	49	5.04	<13	PASS
		25	0	6.05	<13	PASS
		25	12	6.11	<13	PASS
		25	25	5.98	<13	PASS
		50	0	5.97	<13	PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.5	<13	PASS
		1	37	3.58	<13	PASS
		1	74	3.31	<13	PASS
		37	0	5.02	<13	PASS
		37	18	4.97	<13	PASS
		37	38	4.75	<13	PASS
		75	0	5.26	<13	PASS
	MCH	1	0	3.93	<13	PASS
		1	37	4.18	<13	PASS
		1	74	3.78	<13	PASS
		37	0	5.21	<13	PASS
		37	18	5.27	<13	PASS
		37	38	5.19	<13	PASS
		75	0	5.55	<13	PASS
	HCH	1	0	3.95	<13	PASS
		1	37	4.16	<13	PASS

		1	74	3.81	<13	PASS
		37	0	5.18	<13	PASS
		37	18	5.27	<13	PASS
		37	38	5.21	<13	PASS
		75	0	5.53	<13	PASS
16QAM	LCH	1	0	4.25	<13	PASS
		1	37	4.58	<13	PASS
		1	74	4.2	<13	PASS
		37	0	5.8	<13	PASS
		37	18	5.79	<13	PASS
		37	38	5.58	<13	PASS
		75	0	5.87	<13	PASS
	MCH	1	0	4.7	<13	PASS
		1	37	4.87	<13	PASS
		1	74	4.69	<13	PASS
		37	0	5.99	<13	PASS
		37	18	6.04	<13	PASS
		37	38	5.91	<13	PASS
		75	0	6.13	<13	PASS
	HCH	1	0	4.93	<13	PASS
		1	37	5.03	<13	PASS
		1	74	4.76	<13	PASS
		37	0	6.11	<13	PASS
		37	18	6.16	<13	PASS
		37	38	6.05	<13	PASS
		75	0	6.11	<13	PASS

Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.82	<13	PASS
		1	49	3.57	<13	PASS
		1	99	3.49	<13	PASS
		50	0	5.15	<13	PASS
		50	25	4.97	<13	PASS
		50	50	4.85	<13	PASS
		100	0	5.18	<13	PASS
	MCH	1	0	3.79	<13	PASS
		1	49	8.43	<13	PASS
		1	99	3.69	<13	PASS

		50	0	5.34	<13	PASS
		50	25	5.35	<13	PASS
		50	50	5.32	<13	PASS
		100	0	5.49	<13	PASS
	HCH	1	0	3.65	<13	PASS
		1	49	4.07	<13	PASS
		1	99	3.81	<13	PASS
		50	0	5.16	<13	PASS
		50	25	5.23	<13	PASS
		50	50	5.26	<13	PASS
		100	0	5.34	<13	PASS
16QAM	LCH	1	0	4.37	<13	PASS
		1	49	4.28	<13	PASS
		1	99	4.15	<13	PASS
		50	0	5.9	<13	PASS
		50	25	5.7	<13	PASS
		50	50	5.56	<13	PASS
		100	0	5.86	<13	PASS
	MCH	1	0	4.73	<13	PASS
		1	49	4.83	<13	PASS
		1	99	4.68	<13	PASS
		50	0	5.99	<13	PASS
		50	25	6.08	<13	PASS
		50	50	6.04	<13	PASS
		100	0	6.14	<13	PASS
	HCH	1	0	4.48	<13	PASS
		1	49	4.92	<13	PASS
		1	99	4.62	<13	PASS
		50	0	5.95	<13	PASS
		50	25	6	<13	PASS
		50	50	6.08	<13	PASS
		100	0	6.09	<13	PASS

Test Graphs

Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0

(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12

(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24

(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0

(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6

(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13

(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0

(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0

(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12

(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24

(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#0

(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#6

(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#13

(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0

(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0

(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12

(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24

(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0

(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6

(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13

(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0

(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0

(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12

(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24

(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0

(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6

(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13

(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0

(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0

(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12

(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24

(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#0

(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#6

(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#13

(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0

(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0

(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12

(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24

(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0

(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6

(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13

(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#0
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#24
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#49
Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#0

Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#12

Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#25

Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0

Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0

Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24

Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49

Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#0

Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#12

Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#25

Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0

Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0

Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24

Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49

Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#0

Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#12

Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#25

Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0

Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0

Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24

Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49

Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#0

Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#12

Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#25

Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0

Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0

Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24

Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49

Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#0

Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#12

Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#25

Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0

Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0

Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24

Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#49

Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#0

Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#12

Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#25

Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0

Channel Bandwidth: 15 MHz

(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#0

(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#37

(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#74

(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#0

(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#18

(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#38

(Channel Bandwidth:15 MHz)_LCH_QPSK_75RB#0

(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#0

(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#37

(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#74

(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#0

(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#18

(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#38

(Channel Bandwidth:15 MHz)_MCH_QPSK_75RB#0

(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#0

(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#37

(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#74

(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#0

(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#18

(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#38

(Channel Bandwidth:15 MHz)_HCH_QPSK_75RB#0

(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#0

(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#37

(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#74

(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#0

(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#18

(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#38

(Channel Bandwidth:15 MHz)_LCH_16QAM_75RB#0

(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#0

(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#37

(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#74

(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#0

(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#18

(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#38

(Channel Bandwidth:15 MHz)_MCH_16QAM_75RB#0

(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0

(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#37