

## D.2: Peak-to-Average Ratio

### Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz								
Modulation	Channel	RB Configuration		Peak Power	Average Power	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset					
QPSK	LCH	1	0	26.54	22.89	3.65	<13	PASS
		1	12	26.24	22.87	3.37	<13	PASS
		1	24	25.22	22.97	2.25	<13	PASS
		12	0	25.00	22.84	2.16	<13	PASS
		12	6	24.67	22.58	2.09	<13	PASS
		12	13	26.44	22.49	3.95	<13	PASS
		25	0	25.88	22.95	2.93	<13	PASS
	MCH	1	0	25.92	22.66	3.26	<13	PASS
		1	12	26.73	22.32	4.41	<13	PASS
		1	24	25.30	22.55	2.75	<13	PASS
		12	0	27.15	22.96	4.19	<13	PASS
		12	6	26.40	22.62	3.78	<13	PASS
		12	13	24.74	22.62	2.12	<13	PASS
		25	0	26.16	22.22	3.94	<13	PASS
	HCH	1	0	24.79	22.60	2.19	<13	PASS
		1	12	25.48	22.28	3.20	<13	PASS
		1	24	25.42	22.59	2.83	<13	PASS
		12	0	27.87	22.98	4.89	<13	PASS
		12	6	24.44	22.32	2.12	<13	PASS
		12	13	26.08	22.59	3.49	<13	PASS
		25	0	25.28	22.90	2.38	<13	PASS
16QAM	LCH	1	0	25.01	21.82	3.19	<13	PASS
		1	12	26.51	22.21	4.30	<13	PASS
		1	24	27.42	22.52	4.90	<13	PASS
		12	0	25.62	22.23	3.39	<13	PASS
		12	6	25.97	22.39	3.58	<13	PASS
		12	13	24.92	22.43	2.49	<13	PASS
		25	0	25.08	22.51	2.57	<13	PASS
	MCH	1	0	25.36	21.96	3.40	<13	PASS
		1	12	24.96	22.33	2.63	<13	PASS
		1	24	25.88	22.28	3.60	<13	PASS
		12	0	25.73	22.26	3.47	<13	PASS
		12	6	26.52	22.22	4.30	<13	PASS
		12	13	24.21	22.18	2.03	<13	PASS

		25	0	24.74	21.96	2.78	<13	PASS
	HCH	1	0	24.65	22.15	2.50	<13	PASS
		1	12	24.57	22.31	2.26	<13	PASS
		1	24	24.32	22.25	2.07	<13	PASS
		12	0	24.37	21.86	2.51	<13	PASS
		12	6	25.30	22.16	3.14	<13	PASS
		12	13	25.87	22.59	3.28	<13	PASS
		25	0	26.61	21.93	4.68	<13	PASS

### Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz								
Modulation	Channel	RB Configuration		Peak Power	Average Power	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset					
QPSK	LCH	1	0	25.78	22.87	2.91	<13	PASS
		1	24	26.16	22.41	3.75	<13	PASS
		1	49	25.22	22.92	2.30	<13	PASS
		25	0	27.30	22.77	4.53	<13	PASS
		25	12	25.82	22.42	3.40	<13	PASS
		25	25	26.39	22.37	4.02	<13	PASS
		50	0	27.72	22.75	4.97	<13	PASS
	MCH	1	0	26.13	22.93	3.20	<13	PASS
		1	24	25.02	22.99	2.03	<13	PASS
		1	49	26.94	22.67	4.27	<13	PASS
		25	0	26.48	22.55	3.93	<13	PASS
		25	12	24.35	22.32	2.03	<13	PASS
		25	25	25.25	22.80	2.45	<13	PASS
		50	0	26.78	22.58	4.20	<13	PASS
	HCH	1	0	26.86	22.40	4.46	<13	PASS
		1	24	25.16	22.31	2.85	<13	PASS
		1	49	26.47	22.50	3.97	<13	PASS
		25	0	25.77	22.96	2.81	<13	PASS
		25	12	26.14	22.68	3.46	<13	PASS
		25	25	26.92	22.89	4.03	<13	PASS
		50	0	27.39	22.55	4.84	<13	PASS
16QAM	LCH	1	0	25.16	22.59	2.57	<13	PASS
		1	24	25.52	22.15	3.37	<13	PASS
		1	49	25.64	22.45	3.19	<13	PASS
		25	0	25.73	22.57	3.16	<13	PASS
		25	12	25.60	22.10	3.50	<13	PASS
		25	25	25.85	21.97	3.88	<13	PASS

	MCH	50	0	24.91	22.23	2.68	<13	PASS
		1	0	25.89	22.16	3.73	<13	PASS
		1	24	25.54	22.32	3.22	<13	PASS
		1	49	27.51	22.53	4.98	<13	PASS
		25	0	24.43	22.40	2.03	<13	PASS
		25	12	27.02	22.47	4.55	<13	PASS
		25	25	24.48	22.38	2.10	<13	PASS
	50	0	26.88	22.12	4.76	<13	PASS	
	HCH	1	0	27.19	22.20	4.99	<13	PASS
		1	24	26.87	22.50	4.37	<13	PASS
		1	49	25.15	22.32	2.83	<13	PASS
		25	0	26.33	22.22	4.11	<13	PASS
		25	12	24.40	21.94	2.46	<13	PASS
		25	25	25.47	21.93	3.54	<13	PASS
50		0	25.00	22.44	2.56	<13	PASS	

### Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz								
Modulation	Channel	RB Configuration		Peak Power	Average Power	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset					
QPSK	LCH	1	0	25.02	22.30	2.72	<13	PASS
		1	37	25.58	22.49	3.09	<13	PASS
		1	74	26.44	22.21	4.23	<13	PASS
		37	0	24.98	22.69	2.29	<13	PASS
		37	18	26.83	22.24	4.59	<13	PASS
		37	38	26.80	22.49	4.31	<13	PASS
		75	0	26.75	22.77	3.98	<13	PASS
	MCH	1	0	26.48	22.75	3.73	<13	PASS
		1	37	26.86	22.74	4.12	<13	PASS
		1	74	25.72	22.34	3.38	<13	PASS
		37	0	27.38	22.68	4.70	<13	PASS
		37	18	27.09	22.85	4.24	<13	PASS
		37	38	26.00	22.84	3.16	<13	PASS
		75	0	26.61	22.28	4.33	<13	PASS
	HCH	1	0	24.76	22.28	2.48	<13	PASS
		1	37	25.50	22.75	2.75	<13	PASS
		1	74	25.38	22.58	2.80	<13	PASS
		37	0	25.25	22.78	2.47	<13	PASS
		37	18	26.27	22.73	3.54	<13	PASS
		37	38	26.36	22.45	3.91	<13	PASS

		75	0	27.45	22.92	4.53	<13	PASS
16QAM	LCH	1	0	25.75	22.55	3.20	<13	PASS
		1	37	26.02	22.55	3.47	<13	PASS
		1	74	24.98	22.44	2.54	<13	PASS
		37	0	25.66	21.99	3.67	<13	PASS
		37	18	26.23	22.28	3.95	<13	PASS
		37	38	26.30	22.20	4.10	<13	PASS
		75	0	27.20	22.45	4.75	<13	PASS
	MCH	1	0	24.90	21.96	2.94	<13	PASS
		1	37	24.99	22.12	2.87	<13	PASS
		1	74	24.86	21.81	3.05	<13	PASS
		37	0	26.85	22.08	4.77	<13	PASS
		37	18	27.10	22.37	4.73	<13	PASS
		37	38	26.44	22.43	4.01	<13	PASS
		75	0	24.77	22.45	2.32	<13	PASS
	HCH	1	0	26.77	22.4	4.37	<13	PASS
		1	37	24.59	21.98	2.61	<13	PASS
		1	74	26.54	22.24	4.30	<13	PASS
		37	0	26.30	21.83	4.47	<13	PASS
		37	18	27.29	22.43	4.86	<13	PASS
		37	38	25.51	22.06	3.45	<13	PASS
		75	0	25.12	21.91	3.21	<13	PASS

### Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz								
Modulation	Channel	RB Configuration		Peak Power	Average Power	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset					
QPSK	LCH	1	0	26.49	23.10	3.39	<13	PASS
		1	49	27.26	22.82	4.44	<13	PASS
		1	99	27.72	22.86	4.86	<13	PASS
		50	0	24.83	22.62	2.21	<13	PASS
		50	25	25.54	23.30	2.24	<13	PASS
		50	50	27.15	22.89	4.26	<13	PASS
		100	0	25.38	22.96	2.42	<13	PASS
	MCH	1	0	25.42	22.71	2.71	<13	PASS
		1	49	27.58	23.20	4.38	<13	PASS
		1	99	27.25	22.57	4.68	<13	PASS
		50	0	24.81	22.53	2.28	<13	PASS
		50	25	25.38	22.99	2.39	<13	PASS
		50	50	26.58	22.99	3.59	<13	PASS

		100	0	27.17	23.10	4.07	<13	PASS
	HCH	1	0	27.40	22.67	4.73	<13	PASS
		1	49	27.47	23.10	4.37	<13	PASS
		1	99	25.75	23.30	2.45	<13	PASS
		50	0	26.03	22.72	3.31	<13	PASS
		50	25	27.76	22.85	4.91	<13	PASS
		50	50	26.21	23.12	3.09	<13	PASS
		100	0	27.82	22.86	4.96	<13	PASS
16QAM	LCH	1	0	26.04	22.89	3.15	<13	PASS
		1	49	25.66	22.43	3.23	<13	PASS
		1	99	24.27	22.15	2.12	<13	PASS
		50	0	27.06	22.44	4.62	<13	PASS
		50	25	26.36	22.84	3.52	<13	PASS
		50	50	27.15	22.35	4.80	<13	PASS
		100	0	26.34	22.70	3.64	<13	PASS
	MCH	1	0	26.12	22.17	3.95	<13	PASS
		1	49	24.82	22.15	2.67	<13	PASS
		1	99	26.27	22.67	3.60	<13	PASS
		50	0	26.48	22.90	3.58	<13	PASS
		50	25	25.36	22.73	2.63	<13	PASS
		50	50	26.84	22.76	4.08	<13	PASS
		100	0	24.55	22.51	2.04	<13	PASS
	HCH	1	0	26.60	22.50	4.10	<13	PASS
		1	49	26.54	22.89	3.65	<13	PASS
		1	99	24.79	22.55	2.24	<13	PASS
		50	0	25.94	22.11	3.83	<13	PASS
		50	25	26.37	22.67	3.70	<13	PASS
		50	50	25.79	22.56	3.23	<13	PASS
		100	0	26.64	22.88	3.76	<13	PASS