

Appendix for Band 2

Appendix A: Conducted Output Power Data

Test Result

Channel Bandwidth: 1.4 MHz

Channel Bandwidth: 1.4 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.43	PASS
		1	3	22.21	PASS
		1	5	22.52	PASS
		3	0	22.12	PASS
		3	2	22.34	PASS
		3	3	22.51	PASS
		6	0	22.01	PASS
	MCH	1	0	22.52	PASS
		1	3	22.83	PASS
		1	5	22.32	PASS
		3	0	22.81	PASS
		3	2	22.74	PASS
		3	3	22.68	PASS
		6	0	22.52	PASS
	HCH	1	0	22.51	PASS
		1	3	22.31	PASS
		1	5	22.32	PASS
		3	0	22.11	PASS
		3	2	22.74	PASS
		3	3	22.42	PASS
		6	0	21.21	PASS
16QAM	LCH	1	0	21.88	PASS
		1	3	21.94	PASS
		1	5	21.45	PASS
		3	0	21.65	PASS
		3	2	21.87	PASS
		3	3	21.55	PASS
		6	0	20.88	PASS
	MCH	1	0	22.68	PASS
		1	3	22.63	PASS

		1	5	22.19	PASS
		3	0	21.94	PASS
		3	2	22.31	PASS
		3	3	22.23	PASS
		6	0	21.91	PASS
	HCH	1	0	21.79	PASS
		1	3	21.94	PASS
		1	5	21.82	PASS
		3	0	21.71	PASS
		3	2	21.31	PASS
		3	3	21.34	PASS
		6	0	20.88	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.92	PASS
		1	7	23.02	PASS
		1	14	22.89	PASS
		8	0	22.02	PASS
		8	4	21.99	PASS
		8	7	21.99	PASS
		15	0	21.99	PASS
	MCH	1	0	23.73	PASS
		1	7	23.71	PASS
		1	14	23.78	PASS
		8	0	22.86	PASS
		8	4	22.85	PASS
		8	7	22.87	PASS
		15	0	22.84	PASS
	HCH	1	0	23.09	PASS
		1	7	22.93	PASS
		1	14	22.90	PASS
		8	0	22.21	PASS
		8	4	22.22	PASS
		8	7	22.22	PASS
		15	0	22.19	PASS
16QAM	LCH	1	0	22.11	PASS
		1	7	22.21	PASS
		1	14	22.07	PASS
		8	0	21.04	PASS

		8	4	21.04	PASS
		8	7	21.01	PASS
		15	0	20.97	PASS
MCH		1	0	22.97	PASS
		1	7	23.04	PASS
		1	14	23.03	PASS
		8	0	21.95	PASS
		8	4	21.96	PASS
		8	7	21.94	PASS
		15	0	21.89	PASS
		1	0	22.43	PASS
HCH		1	7	22.39	PASS
		1	14	22.30	PASS
		8	0	21.20	PASS
		8	4	21.18	PASS
		8	7	21.16	PASS
		15	0	21.19	PASS

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.21	PASS
		1	12	23.28	PASS
		1	24	23.19	PASS
		12	0	22.23	PASS
		12	6	22.26	PASS
		12	13	22.28	PASS
		25	0	22.20	PASS
	MCH	1	0	23.48	PASS
		1	12	23.12	PASS
		1	24	23.48	PASS
		12	0	22.29	PASS
		12	6	22.20	PASS
		12	13	22.32	PASS
		25	0	22.28	PASS
	HCH	1	0	23.21	PASS
		1	12	22.52	PASS
		1	24	22.82	PASS
		12	0	21.85	PASS
		12	6	21.63	PASS
		12	13	21.70	PASS

		25	0	21.78	PASS
16QAM	LCH	1	0	22.51	PASS
		1	12	22.64	PASS
		1	24	22.52	PASS
		12	0	21.39	PASS
		12	6	21.42	PASS
		12	13	21.43	PASS
		25	0	21.28	PASS
	MCH	1	0	22.81	PASS
		1	12	22.58	PASS
		1	24	22.81	PASS
		12	0	21.49	PASS
		12	6	21.42	PASS
		12	13	21.57	PASS
		25	0	21.40	PASS
		1	0	22.29	PASS
QPSK	HCH	1	12	21.58	PASS
		1	24	21.90	PASS
		12	0	21.01	PASS
		12	6	20.78	PASS
		12	13	20.86	PASS
		25	0	20.89	PASS
		1	0	22.29	PASS
		1	12	21.58	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.21	PASS
		1	24	23.21	PASS
		1	49	23.22	PASS
		25	0	22.21	PASS
		25	12	22.22	PASS
		25	25	22.24	PASS
		50	0	22.24	PASS
	MCH	1	0	22.92	PASS
		1	24	23.02	PASS
		1	49	23.00	PASS
		25	0	22.11	PASS
		25	12	22.15	PASS
		25	25	22.19	PASS
		50	0	22.18	PASS
		1	0	22.72	PASS

		1	24	22.63	PASS
		1	49	22.26	PASS
		25	0	21.96	PASS
		25	12	21.76	PASS
		25	25	21.60	PASS
		50	0	21.79	PASS
16QAM	LCH	1	0	22.40	PASS
		1	24	22.46	PASS
		1	49	22.50	PASS
		25	0	21.27	PASS
		25	12	21.27	PASS
		25	25	21.33	PASS
		50	0	21.30	PASS
	MCH	1	0	22.25	PASS
		1	24	22.39	PASS
		1	49	22.37	PASS
		25	0	21.21	PASS
		25	12	21.26	PASS
		25	25	21.30	PASS
		50	0	21.26	PASS
	HCH	1	0	22.17	PASS
		1	24	22.12	PASS
		1	49	21.78	PASS
		25	0	21.06	PASS
		25	12	20.92	PASS
		25	25	20.74	PASS
		50	0	20.91	PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.19	PASS
		1	37	23.30	PASS
		1	74	23.19	PASS
		37	0	22.31	PASS
		37	18	22.34	PASS
		37	38	22.35	PASS
		75	0	22.34	PASS
	MCH	1	0	23.02	PASS
		1	37	22.97	PASS
		1	74	23.23	PASS

	HCH	37	0	22.05	PASS
		37	18	22.09	PASS
		37	38	22.24	PASS
		75	0	22.16	PASS
		1	0	23.23	PASS
		1	37	22.71	PASS
		1	74	22.54	PASS
		37	0	21.99	PASS
	LCH	37	18	21.85	PASS
		37	38	21.69	PASS
		75	0	21.86	PASS
		1	0	22.40	PASS
		1	37	22.56	PASS
		1	74	22.54	PASS
		37	0	21.28	PASS
		37	18	21.31	PASS
16QAM	MCH	37	38	21.33	PASS
		75	0	21.34	PASS
		1	0	22.33	PASS
		1	37	22.33	PASS
		1	74	22.61	PASS
		37	0	21.12	PASS
		37	18	21.20	PASS
		37	38	21.35	PASS
	HCH	75	0	21.27	PASS
		1	0	22.56	PASS
		1	37	22.10	PASS
		1	74	21.91	PASS
		37	0	21.10	PASS
		37	18	20.96	PASS
		37	38	20.86	PASS
		75	0	20.97	PASS

Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.34	PASS
		1	49	23.36	PASS
		1	99	23.01	PASS
		50	0	22.28	PASS
		50	25	22.28	PASS

		50	50	22.23	PASS
		100	0	22.32	PASS
16QAM	MCH	1	0	23.13	PASS
		1	49	23.05	PASS
		1	99	23.24	PASS
		50	0	22.02	PASS
		50	25	22.09	PASS
		50	50	22.24	PASS
		100	0	22.17	PASS
		1	0	23.40	PASS
16QAM	HCH	1	49	22.73	PASS
		1	99	22.54	PASS
		50	0	22.14	PASS
		50	25	21.87	PASS
		50	50	21.72	PASS
		100	0	21.97	PASS
		1	0	22.48	PASS
		1	49	22.53	PASS
16QAM	LCH	1	99	22.26	PASS
		50	0	21.34	PASS
		50	25	21.34	PASS
		50	50	21.33	PASS
		100	0	21.38	PASS
		1	0	22.34	PASS
		1	49	22.28	PASS
		1	99	22.50	PASS
16QAM	MCH	50	0	21.09	PASS
		50	25	21.17	PASS
		50	50	21.32	PASS
		100	0	21.23	PASS
		1	0	22.80	PASS
		1	49	22.14	PASS
		1	99	21.95	PASS
		50	0	21.29	PASS
16QAM	HCH	50	25	21.03	PASS
		50	50	20.89	PASS
		100	0	21.08	PASS
		1	0	22.14	PASS
		1	49	21.95	PASS
		1	99	21.29	PASS
		50	0	21.03	PASS
		50	25	20.89	PASS

Appendix B: Peak-to-Average Ratio

Test Result

Channel Bandwidth: 1.4 MHz

Channel Bandwidth: 1.4 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	-1000	<13	PASS
		1	3	3.96	<13	PASS
		1	5	4.03	<13	PASS
		3	0	4.06	<13	PASS
		3	2	4.06	<13	PASS
		3	3	4.06	<13	PASS
		6	0	5.06	<13	PASS
	MCH	1	0	4	<13	PASS
		1	3	4.11	<13	PASS
		1	5	4.04	<13	PASS
		3	0	4.33	<13	PASS
		3	2	4.32	<13	PASS
		3	3	4.39	<13	PASS
		6	0	5.17	<13	PASS
	HCH	1	0	3.2	<13	PASS
		1	3	3.17	<13	PASS
		1	5	3.04	<13	PASS
		3	0	3.39	<13	PASS
		3	2	3.27	<13	PASS
		3	3	3.26	<13	PASS
		6	0	4.38	<13	PASS
16QAM	LCH	1	0	4.9	<13	PASS
		1	3	4.83	<13	PASS
		1	5	4.89	<13	PASS
		3	0	5.11	<13	PASS
		3	2	5.22	<13	PASS
		3	3	5.04	<13	PASS
		6	0	5.87	<13	PASS
	MCH	1	0	4.99	<13	PASS
		1	3	4.94	<13	PASS

		1	5	5.01	<13	PASS
		3	0	5.21	<13	PASS
		3	2	5.2	<13	PASS
		3	3	5.24	<13	PASS
		6	0	6.03	<13	PASS
	HCH	1	0	3.99	<13	PASS
		1	3	3.96	<13	PASS
		1	5	3.82	<13	PASS
		3	0	4.08	<13	PASS
		3	2	4.01	<13	PASS
		3	3	3.96	<13	PASS
		6	0	5.11	<13	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.94	<13	PASS
		1	7	3.9	<13	PASS
		1	14	4.07	<13	PASS
		8	0	4.92	<13	PASS
		8	4	4.88	<13	PASS
		8	7	4.95	<13	PASS
		15	0	5.21	<13	PASS
	MCH	1	0	4.19	<13	PASS
		1	7	4.22	<13	PASS
		1	14	4.21	<13	PASS
		8	0	5.15	<13	PASS
		8	4	5.08	<13	PASS
		8	7	5.17	<13	PASS
		15	0	5.36	<13	PASS
	HCH	1	0	3.48	<13	PASS
		1	7	3.27	<13	PASS
		1	14	3	<13	PASS
		8	0	4.55	<13	PASS
		8	4	4.33	<13	PASS
		8	7	4.28	<13	PASS
		15	0	4.88	<13	PASS
16QAM	LCH	1	0	4.78	<13	PASS
		1	7	4.84	<13	PASS
		1	14	4.98	<13	PASS

		8	0	5.61	<13	PASS
		8	4	5.63	<13	PASS
		8	7	5.66	<13	PASS
		15	0	6.02	<13	PASS
MCH	MCH	1	0	5.03	<13	PASS
		1	7	5.08	<13	PASS
		1	14	5.11	<13	PASS
		8	0	5.77	<13	PASS
		8	4	5.84	<13	PASS
		8	7	5.88	<13	PASS
		15	0	6.17	<13	PASS
HCH	HCH	1	0	4.37	<13	PASS
		1	7	4.14	<13	PASS
		1	14	3.84	<13	PASS
		8	0	5.24	<13	PASS
		8	4	5.05	<13	PASS
		8	7	5.04	<13	PASS
		15	0	5.57	<13	PASS

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	3.75	<13	PASS
		1	12	3.84	<13	PASS
		1	24	3.97	<13	PASS
		12	0	4.93	<13	PASS
		12	6	4.87	<13	PASS
		12	13	4.99	<13	PASS
		25	0	5.29	<13	PASS
	MCH	1	0	4.02	<13	PASS
		1	12	4.41	<13	PASS
		1	24	4.22	<13	PASS
		12	0	5.3	<13	PASS
		12	6	5.34	<13	PASS
		12	13	5.34	<13	PASS
		25	0	5.57	<13	PASS
	HCH	1	0	3.8	<13	PASS
		1	12	3.93	<13	PASS
		1	24	3.24	<13	PASS
		12	0	5.01	<13	PASS

		12	6	4.85	<13	PASS
		12	13	4.67	<13	PASS
		25	0	5.17	<13	PASS
16QAM	LCH	1	0	4.66	<13	PASS
		1	12	4.79	<13	PASS
		1	24	4.89	<13	PASS
		12	0	5.66	<13	PASS
		12	6	5.68	<13	PASS
		12	13	5.78	<13	PASS
		25	0	5.97	<13	PASS
	MCH	1	0	4.96	<13	PASS
		1	12	5.22	<13	PASS
		1	24	5.05	<13	PASS
		12	0	6.11	<13	PASS
		12	6	6.08	<13	PASS
		12	13	6.12	<13	PASS
		25	0	6.3	<13	PASS
	HCH	1	0	4.46	<13	PASS
		1	12	4.52	<13	PASS
		1	24	3.96	<13	PASS
		12	0	5.86	<13	PASS
		12	6	5.79	<13	PASS
		12	13	5.55	<13	PASS
		25	0	5.9	<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	3.93	<13	PASS
		1	24	4.04	<13	PASS
		1	49	4.25	<13	PASS
		25	0	5.1	<13	PASS
		25	12	5.13	<13	PASS
		25	25	5.19	<13	PASS
		50	0	5.31	<13	PASS
	MCH	1	0	4.59	<13	PASS
		1	24	4.49	<13	PASS
		1	49	4.64	<13	PASS
		25	0	5.44	<13	PASS
		25	12	5.44	<13	PASS

HCH	HCH	25	25	5.44	<13	PASS
		50	0	5.56	<13	PASS
		1	0	4.17	<13	PASS
		1	24	4.06	<13	PASS
		1	49	3.55	<13	PASS
		25	0	5.24	<13	PASS
		25	12	5.18	<13	PASS
		25	25	5.07	<13	PASS
16QAM	LCH	50	0	5.38	<13	PASS
		1	0	4.79	<13	PASS
		1	24	4.89	<13	PASS
		1	49	5.19	<13	PASS
		25	0	5.88	<13	PASS
		25	12	5.9	<13	PASS
		25	25	5.94	<13	PASS
		50	0	6.06	<13	PASS
	MCH	1	0	5.43	<13	PASS
		1	24	5.33	<13	PASS
		1	49	5.35	<13	PASS
		25	0	6.23	<13	PASS
		25	12	6.25	<13	PASS
		25	25	6.3	<13	PASS
		50	0	6.31	<13	PASS
		1	0	5.03	<13	PASS
HCH	HCH	1	24	4.93	<13	PASS
		1	49	4.41	<13	PASS
		25	0	6.01	<13	PASS
		25	12	5.96	<13	PASS
		25	25	5.89	<13	PASS
		50	0	6.06	<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	9.75	<13	PASS
		1	37	4.08	<13	PASS
		1	74	8.59	<13	PASS
		37	0	4.67	<13	PASS
		37	18	5.25	<13	PASS
		37	38	4.73	<13	PASS

		75	0	4.97	<13	PASS
MCH	HCH	1	0	9.54	<13	PASS
		1	37	4.46	<13	PASS
		1	74	8.46	<13	PASS
		37	0	4.78	<13	PASS
		37	18	5.52	<13	PASS
		37	38	4.85	<13	PASS
		75	0	5.02	<13	PASS
		1	0	9	<13	PASS
16QAM	LCH	1	37	4.34	<13	PASS
		1	74	8.53	<13	PASS
		37	0	4.7	<13	PASS
		37	18	5.3	<13	PASS
		37	38	4.73	<13	PASS
		75	0	5.01	<13	PASS
		1	0	9.13	<13	PASS
	MCH	1	37	4.96	<13	PASS
		1	74	9.5	<13	PASS
		37	0	5.87	<13	PASS
		37	18	6.03	<13	PASS
		37	38	5.95	<13	PASS
		75	0	6.22	<13	PASS
		1	0	9.39	<13	PASS
16QAM	HCH	1	37	5.29	<13	PASS
		1	74	8.99	<13	PASS
		37	0	6.04	<13	PASS
		37	18	6.24	<13	PASS
		37	38	6.07	<13	PASS
		75	0	6.31	<13	PASS
		1	0	9.25	<13	PASS
	HCH	1	37	5.17	<13	PASS
		1	74	9.36	<13	PASS
		37	0	5.96	<13	PASS
		37	18	6.12	<13	PASS
		37	38	6	<13	PASS
		75	0	6.3	<13	PASS

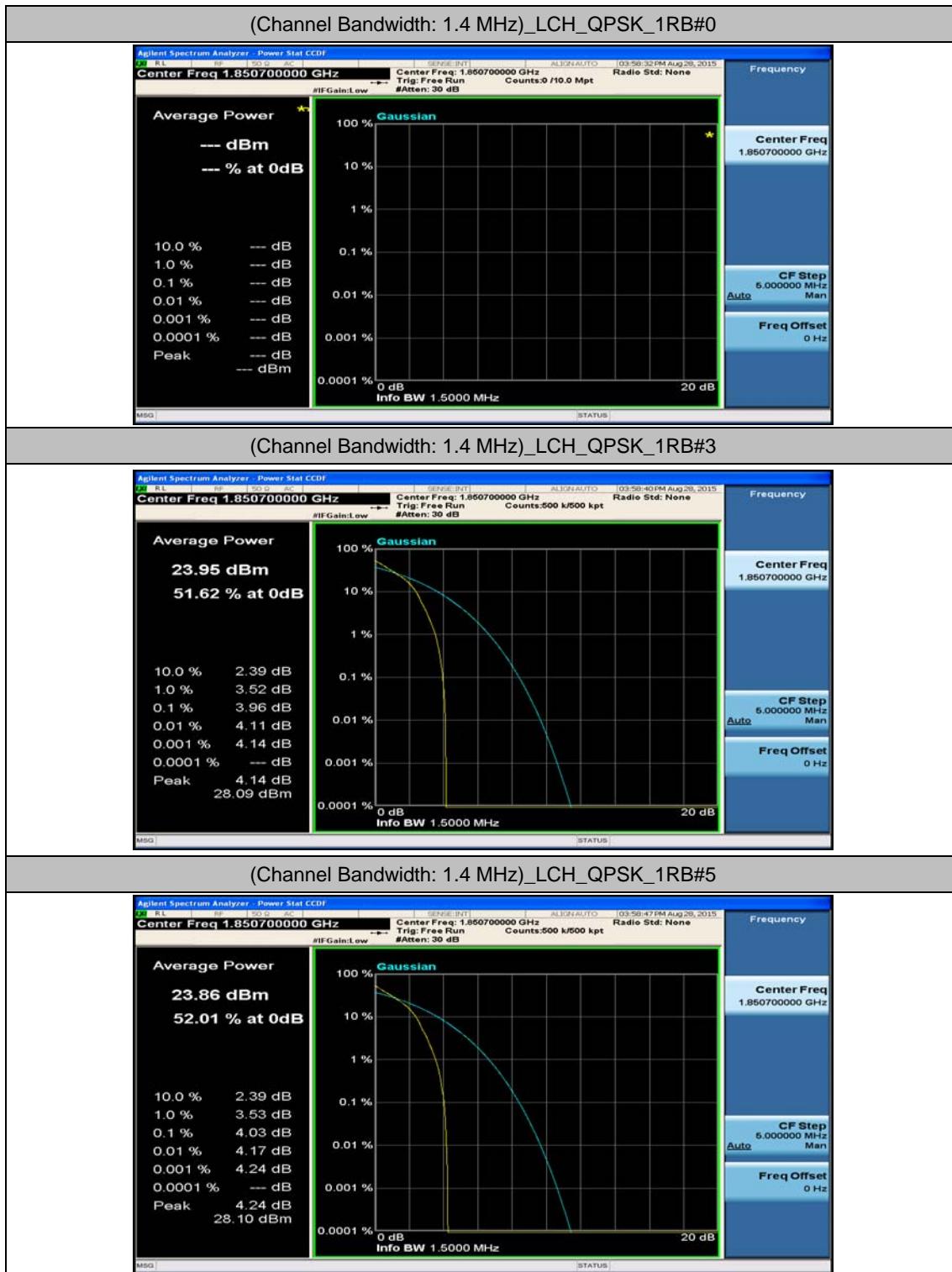
Channel Bandwidth: 20 MHz

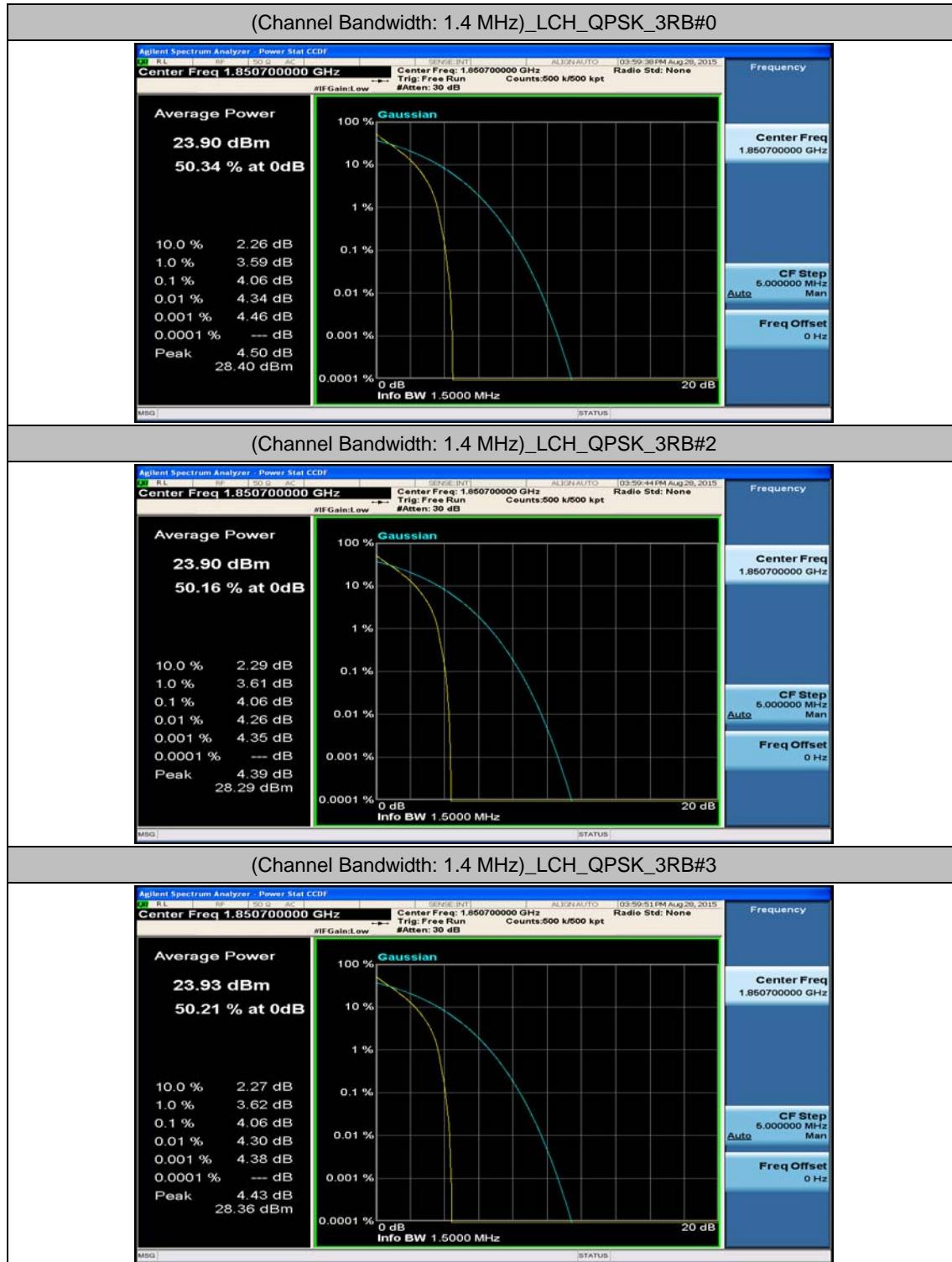
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			

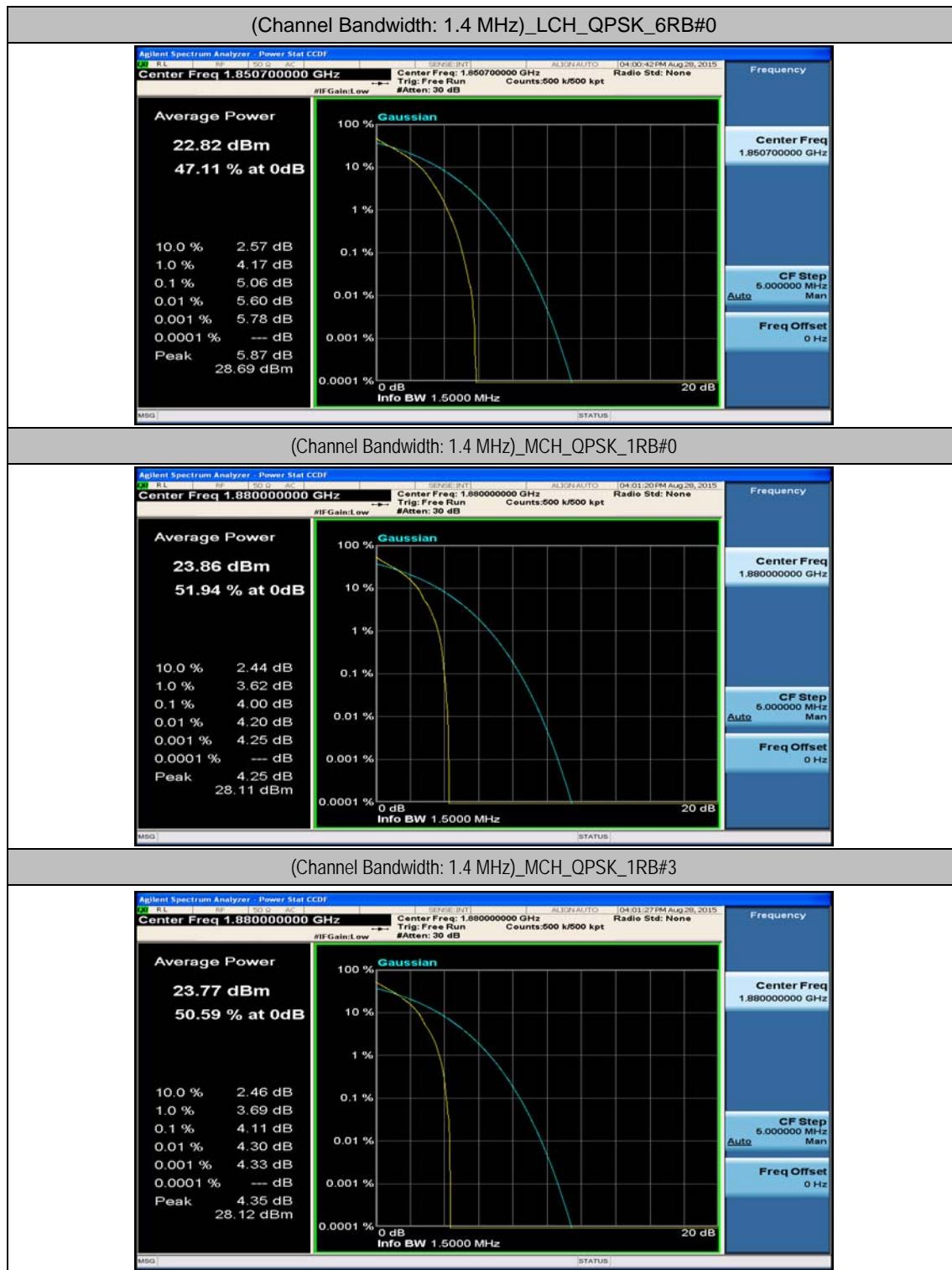
QPSK	LCH	1	0	10.09	<13	PASS
		1	49	4.15	<13	PASS
		1	99	10.42	<13	PASS
		50	0	5.55	<13	PASS
		50	25	5.4	<13	PASS
		50	50	5.79	<13	PASS
		100	0	5.71	<13	PASS
	MCH	1	0	10.14	<13	PASS
		1	49	4.43	<13	PASS
		1	99	11.08	<13	PASS
		50	0	5.58	<13	PASS
		50	25	5.58	<13	PASS
		50	50	5.84	<13	PASS
		100	0	5.72	<13	PASS
	HCH	1	0	9.43	<13	PASS
		1	49	4.35	<13	PASS
		1	99	10.03	<13	PASS
		50	0	5.51	<13	PASS
		50	25	5.47	<13	PASS
		50	50	5.83	<13	PASS
		100	0	5.78	<13	PASS
16QAM	LCH	1	0	10.15	<13	PASS
		1	49	4.87	<13	PASS
		1	99	10.75	<13	PASS
		50	0	6.55	<13	PASS
		50	25	6.14	<13	PASS
		50	50	6.63	<13	PASS
		100	0	6.8	<13	PASS
	MCH	1	0	10.59	<13	PASS
		1	49	5.31	<13	PASS
		1	99	10.64	<13	PASS
		50	0	6.66	<13	PASS
		50	25	6.33	<13	PASS
		50	50	6.68	<13	PASS
		100	0	6.8	<13	PASS
	HCH	1	0	10.28	<13	PASS
		1	49	4.97	<13	PASS
		1	99	10.21	<13	PASS
		50	0	6.56	<13	PASS
		50	25	6.22	<13	PASS
		50	50	6.68	<13	PASS
		100	0	6.73	<13	PASS

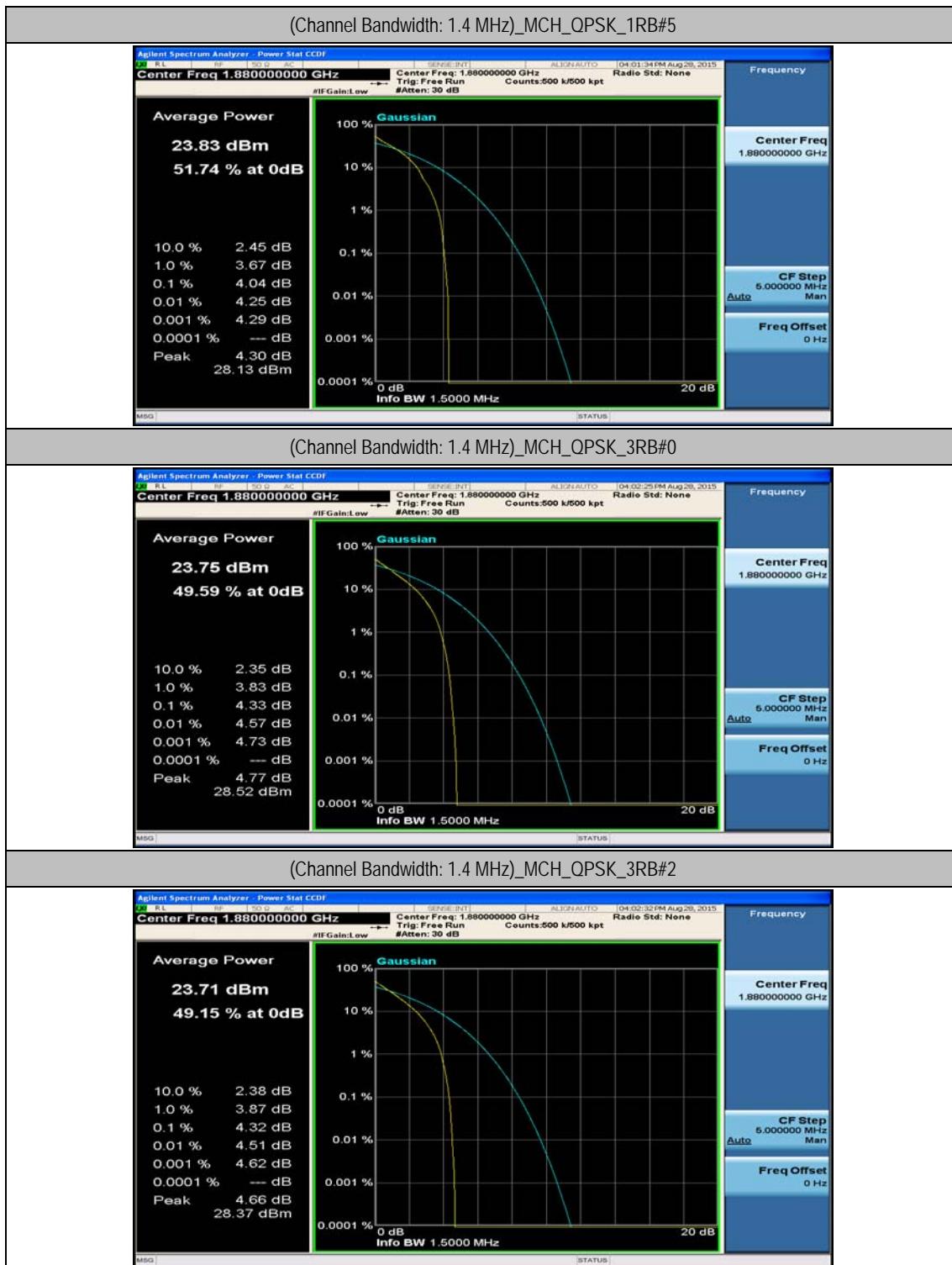
Test Graphs

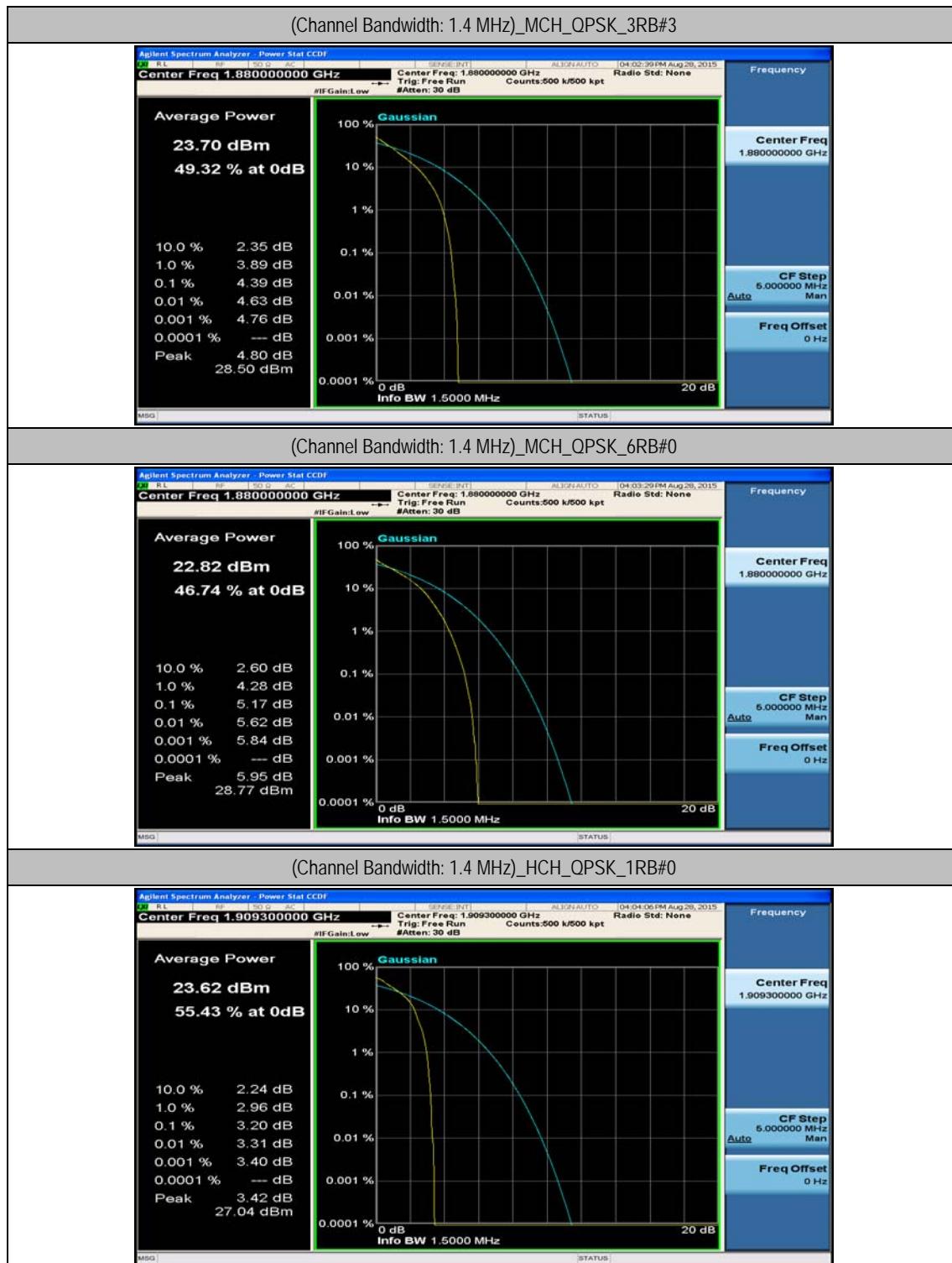
Channel Bandwidth: 1.4 MHz

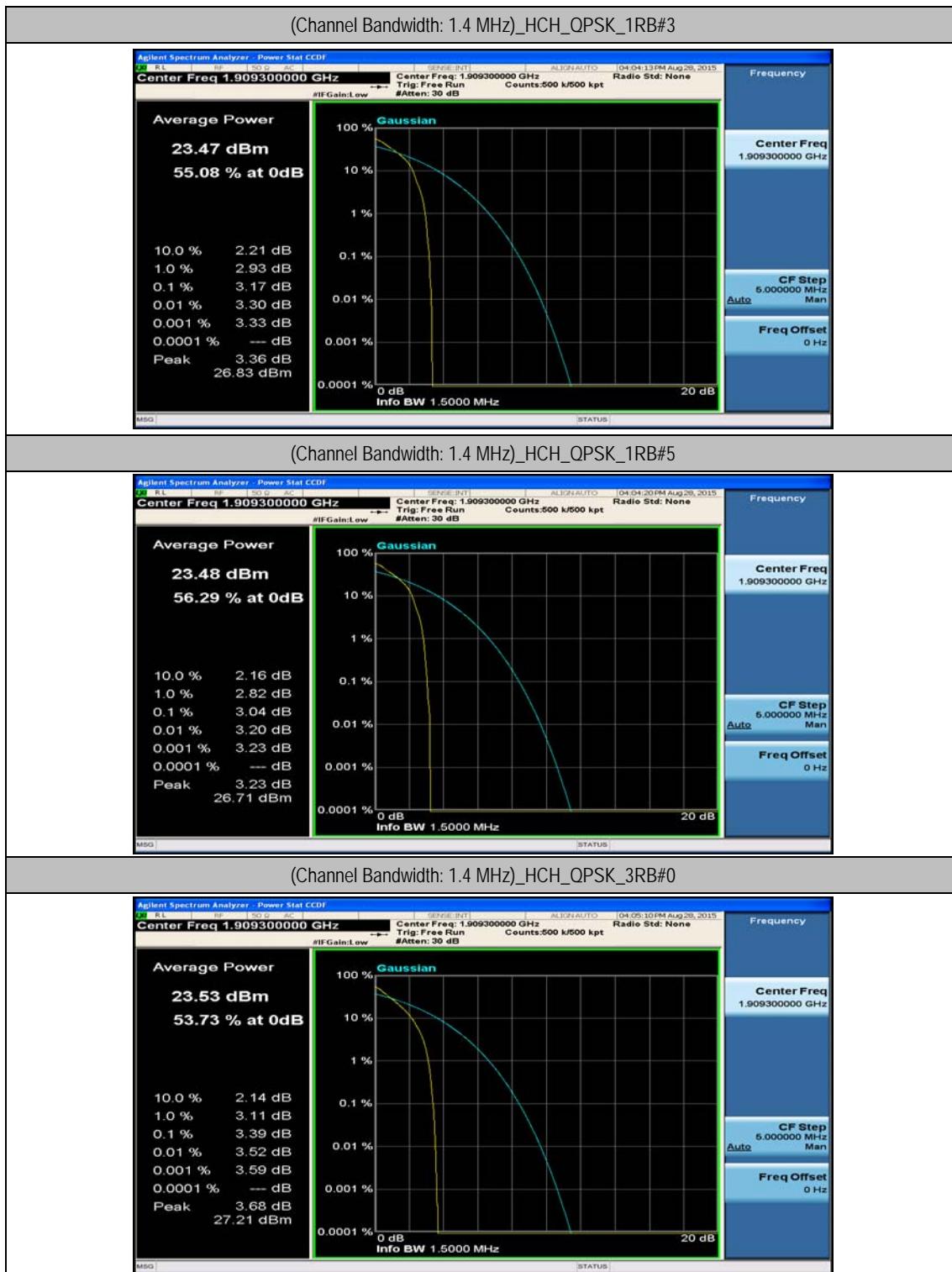


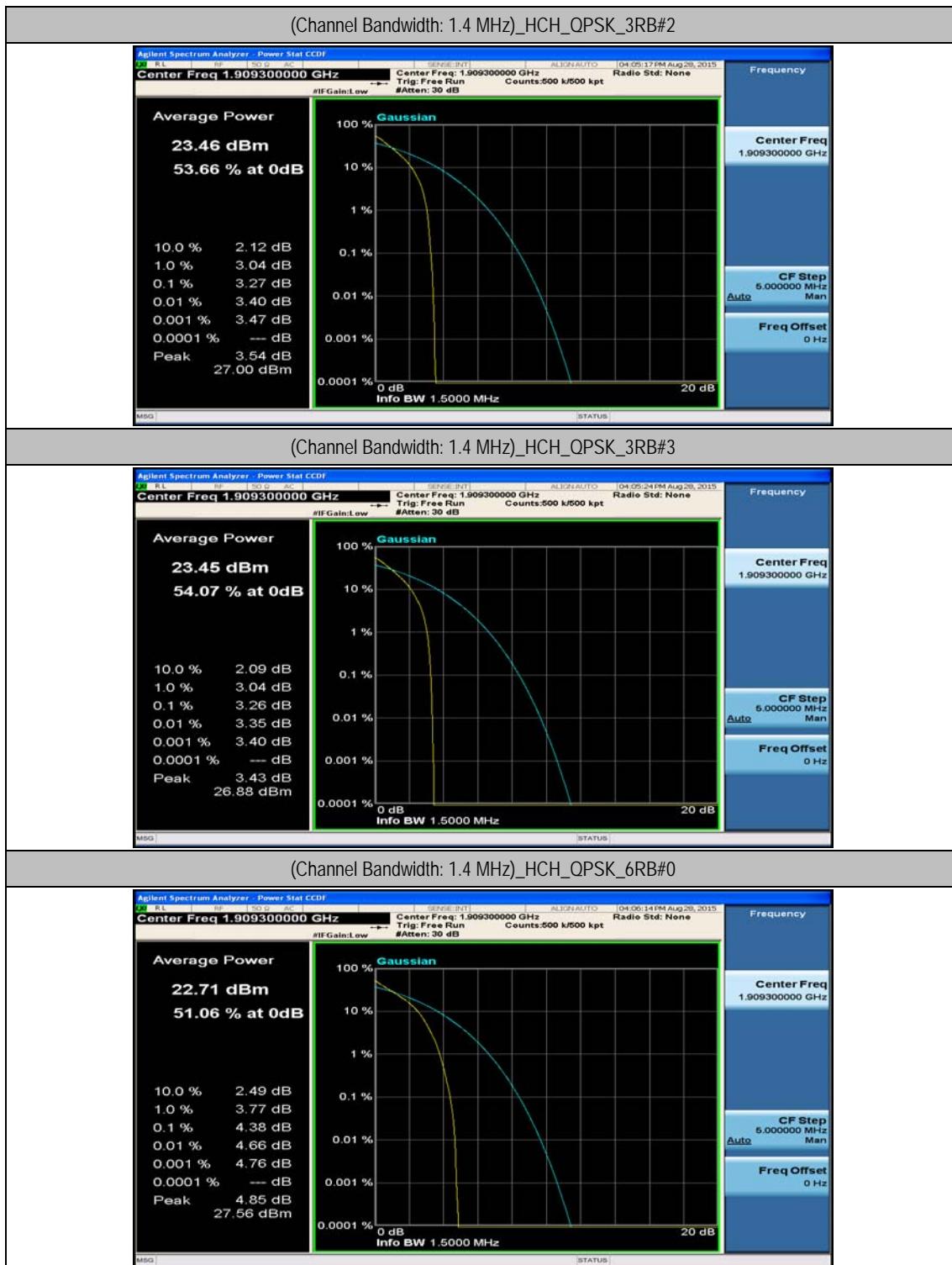


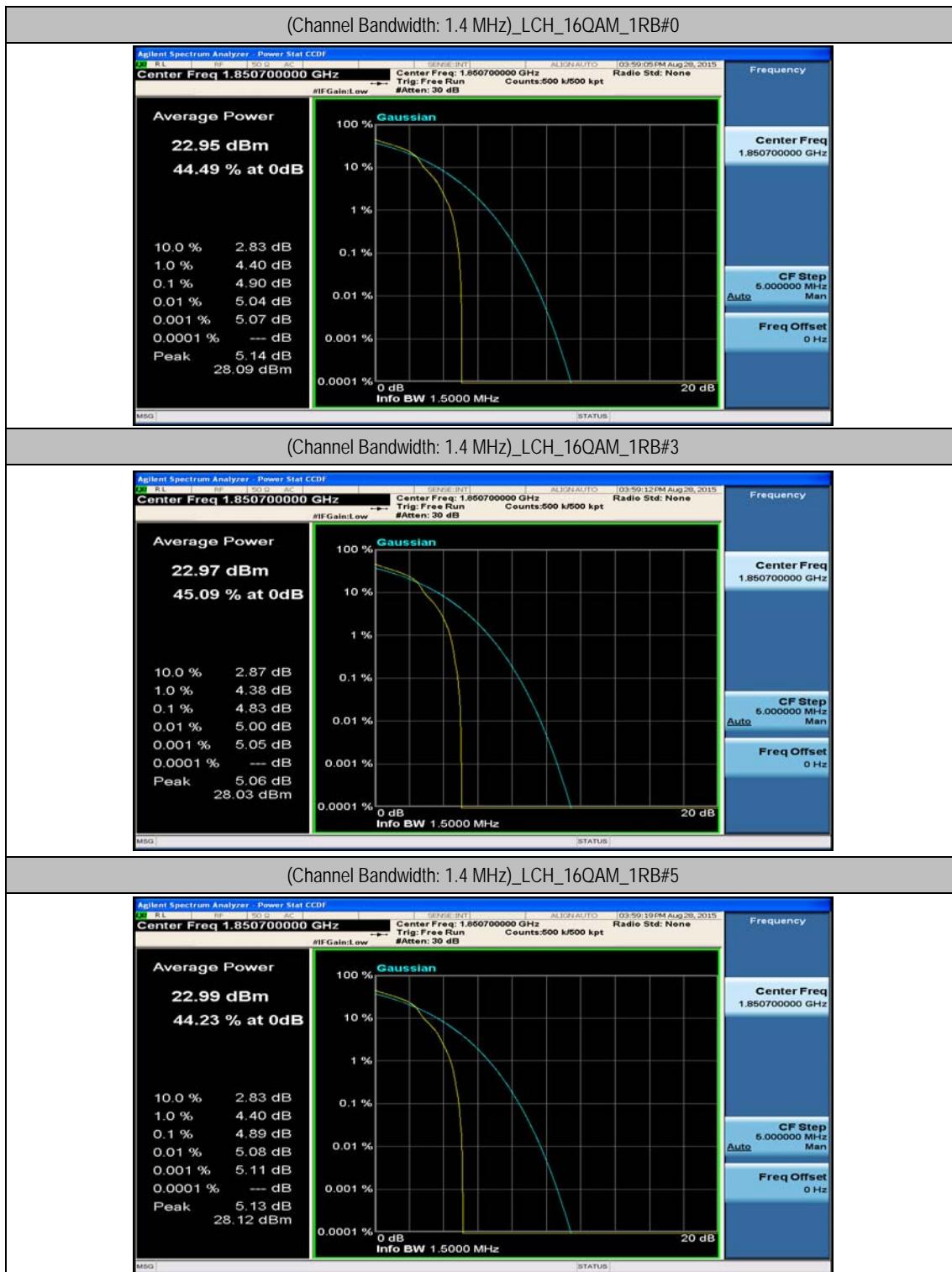


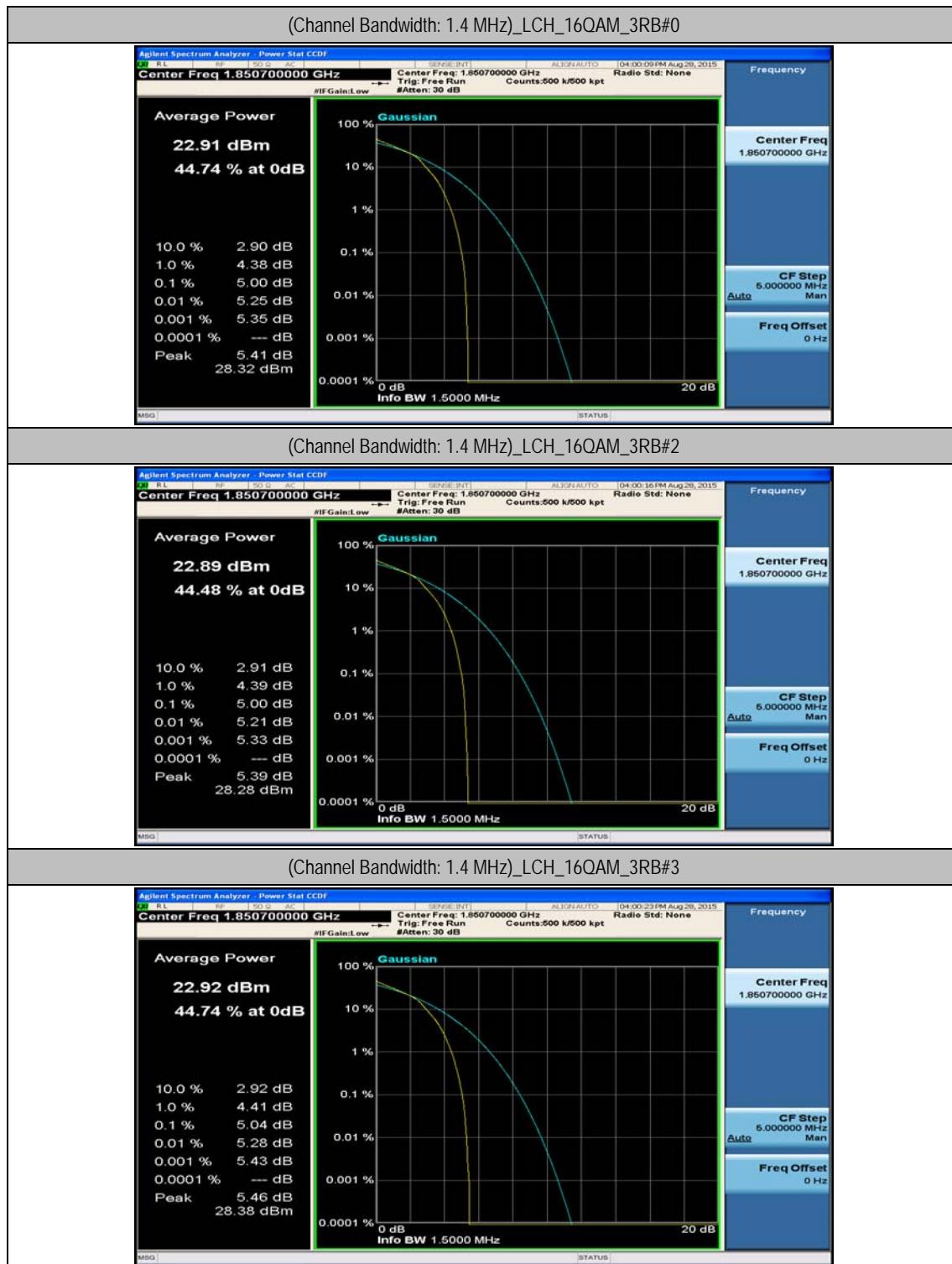


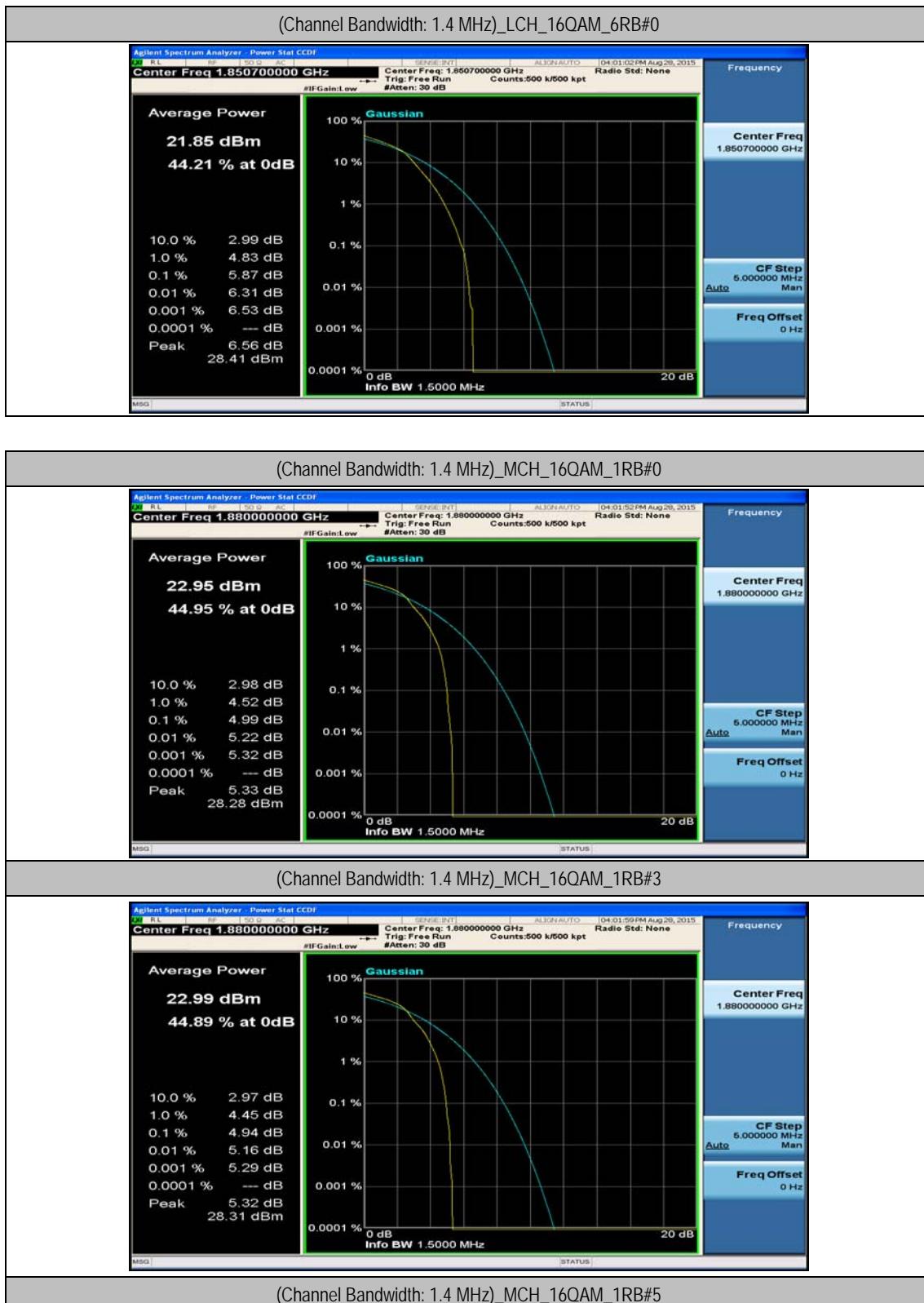


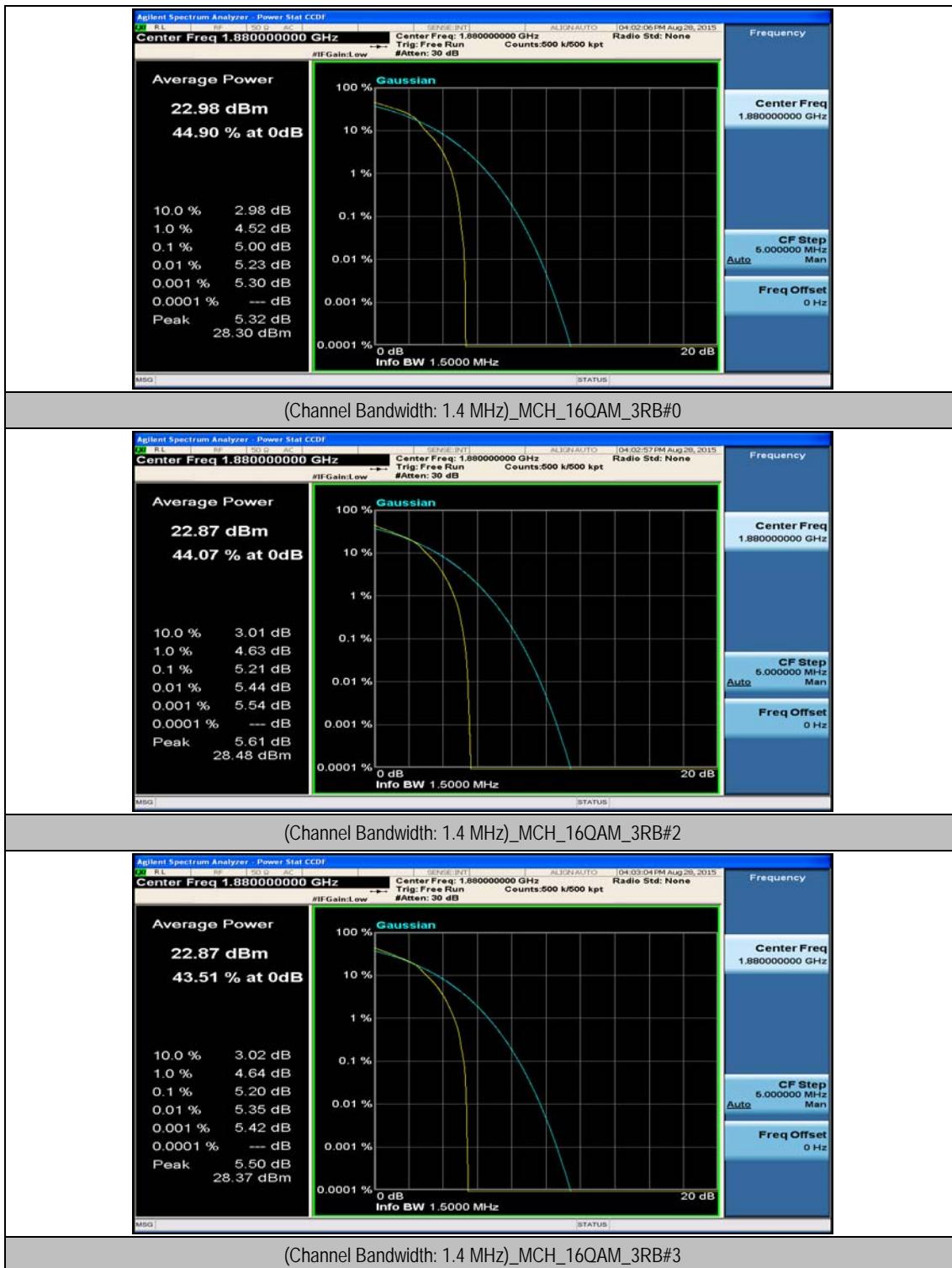


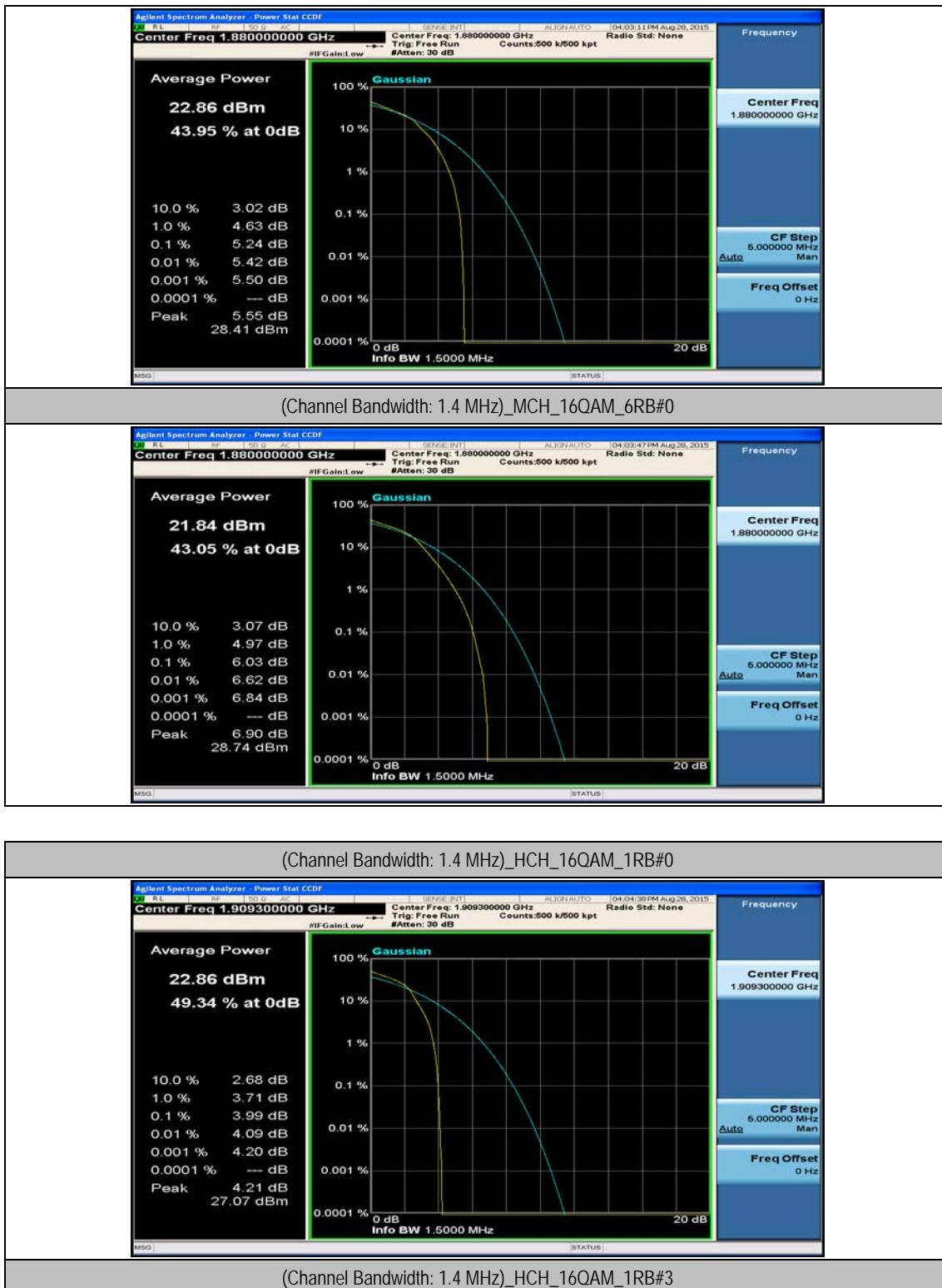


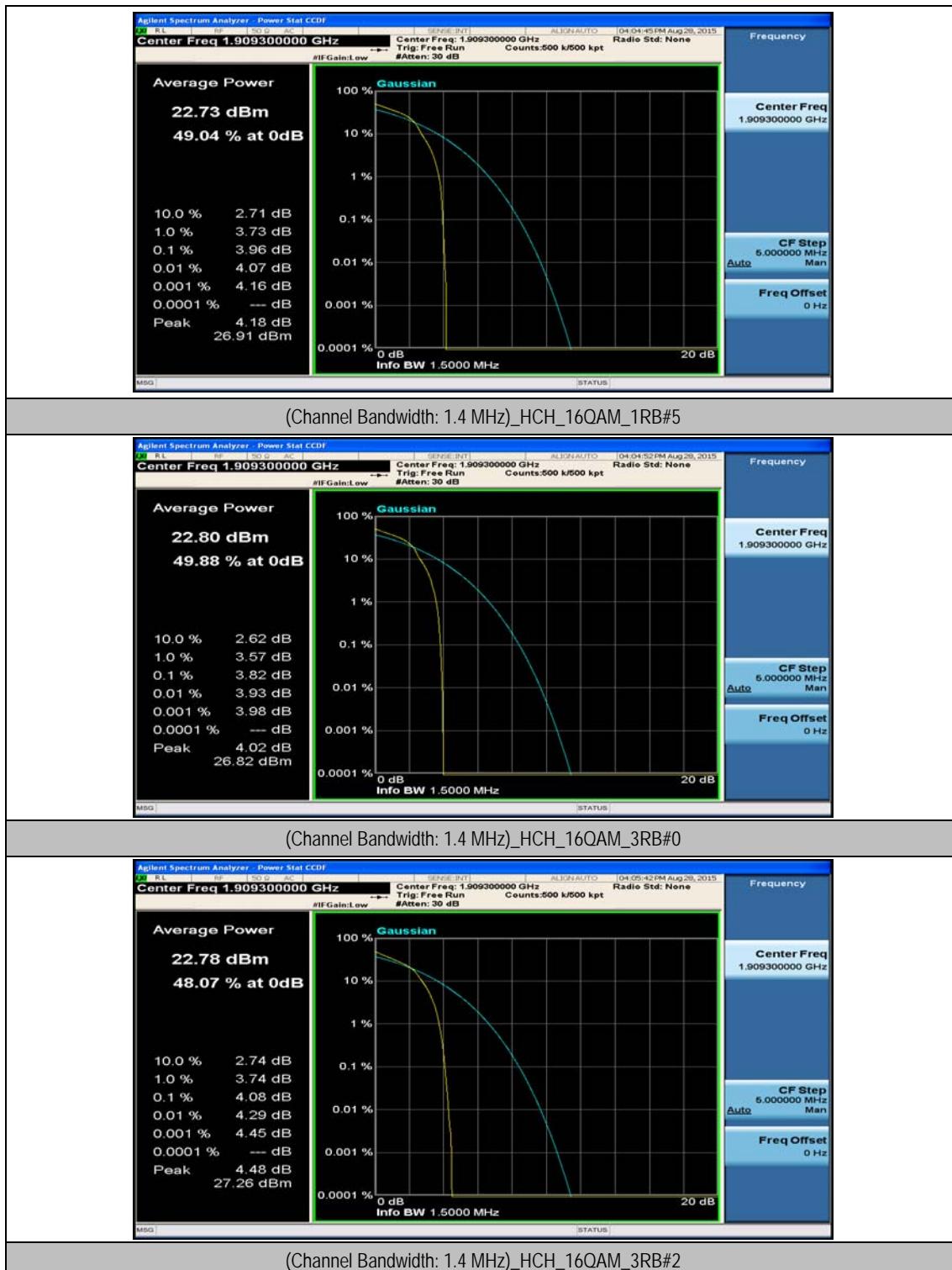


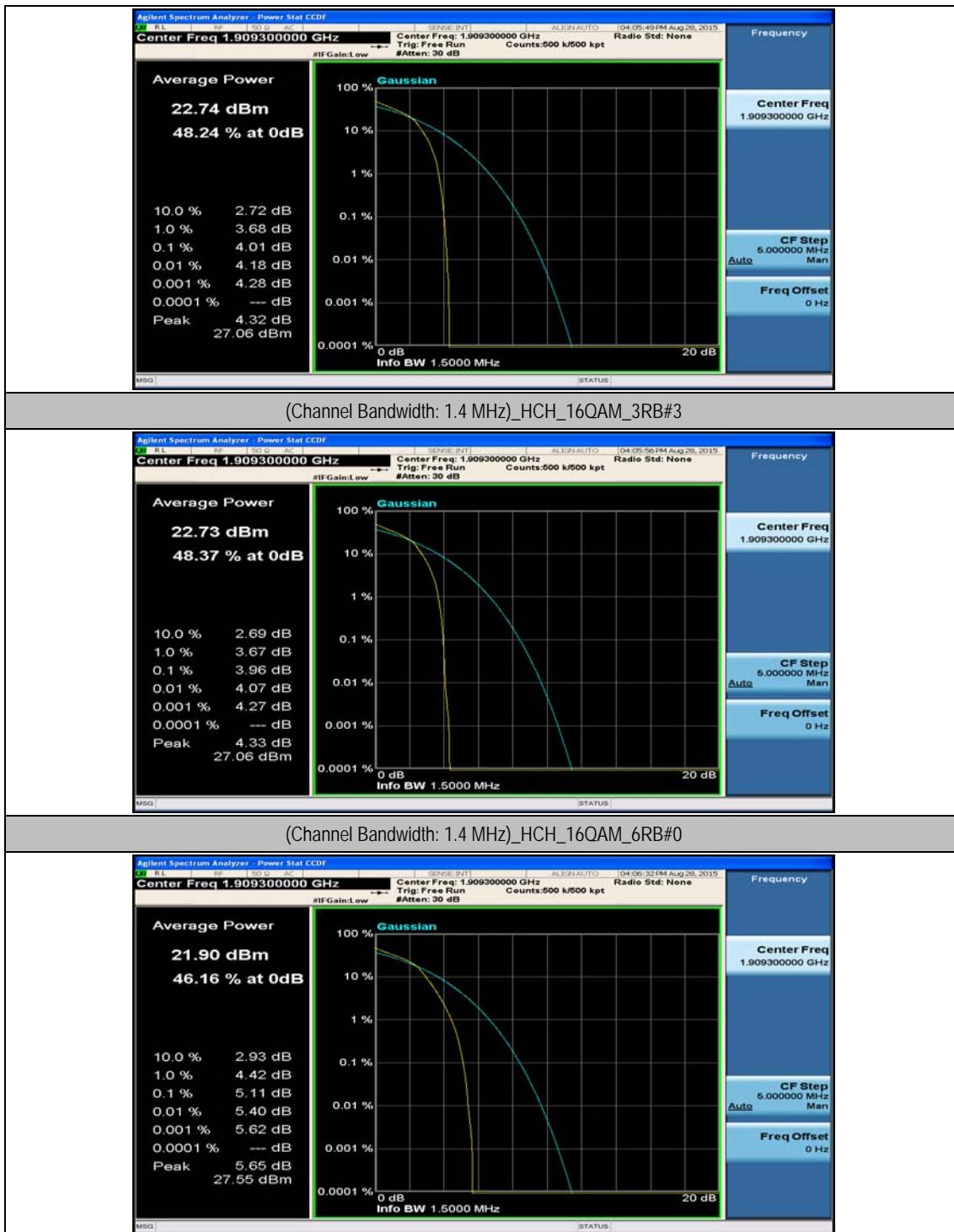




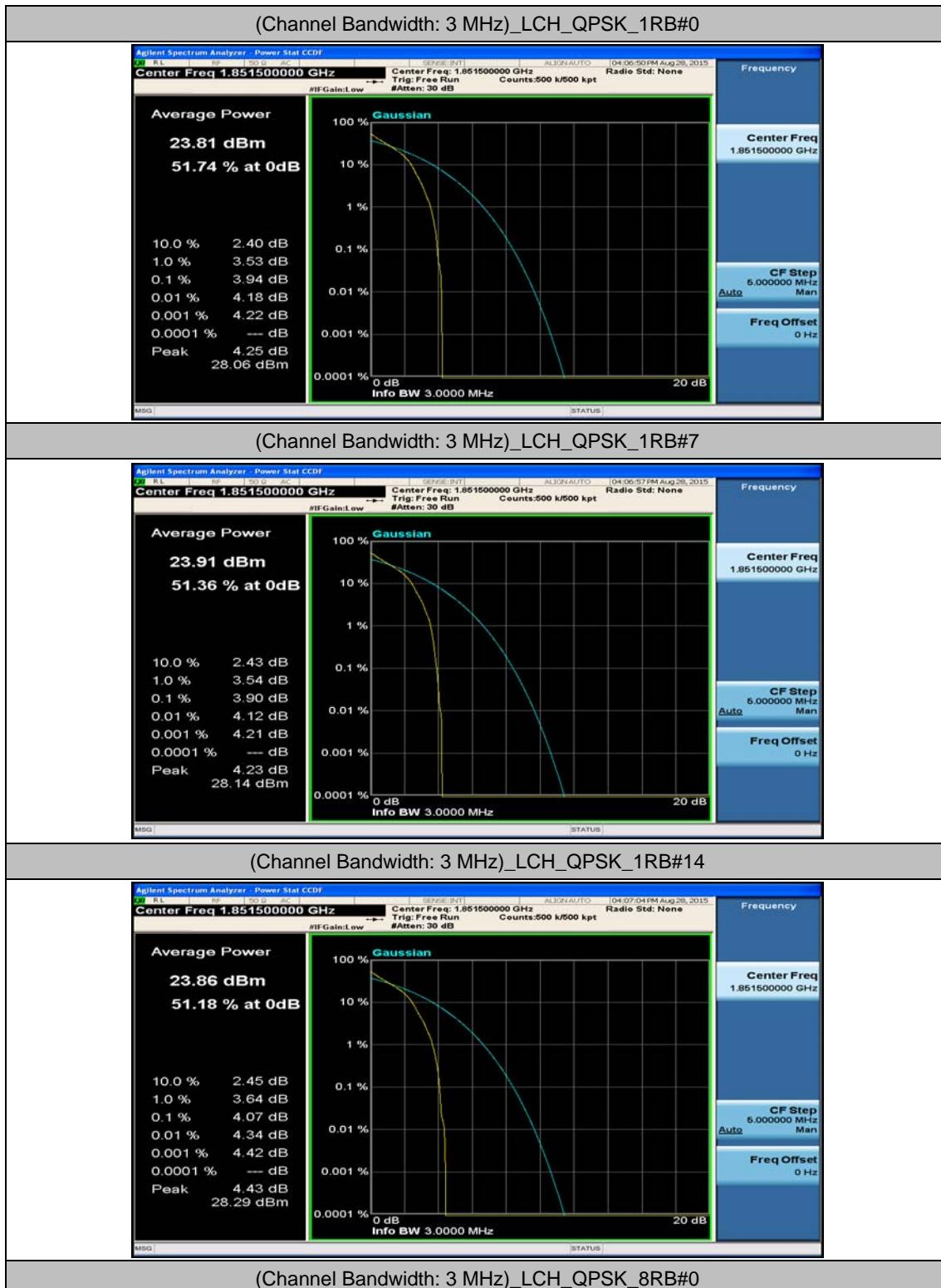


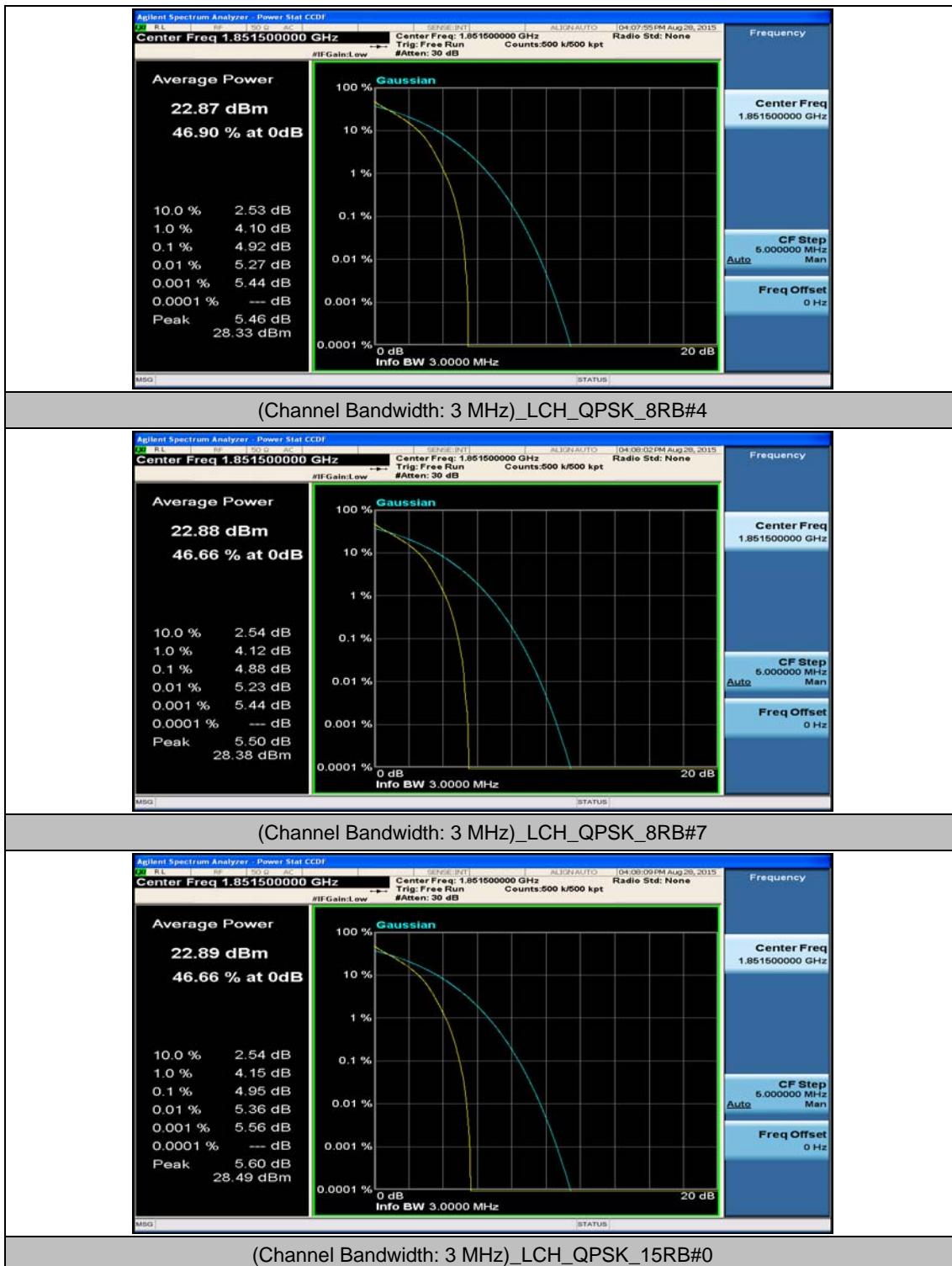


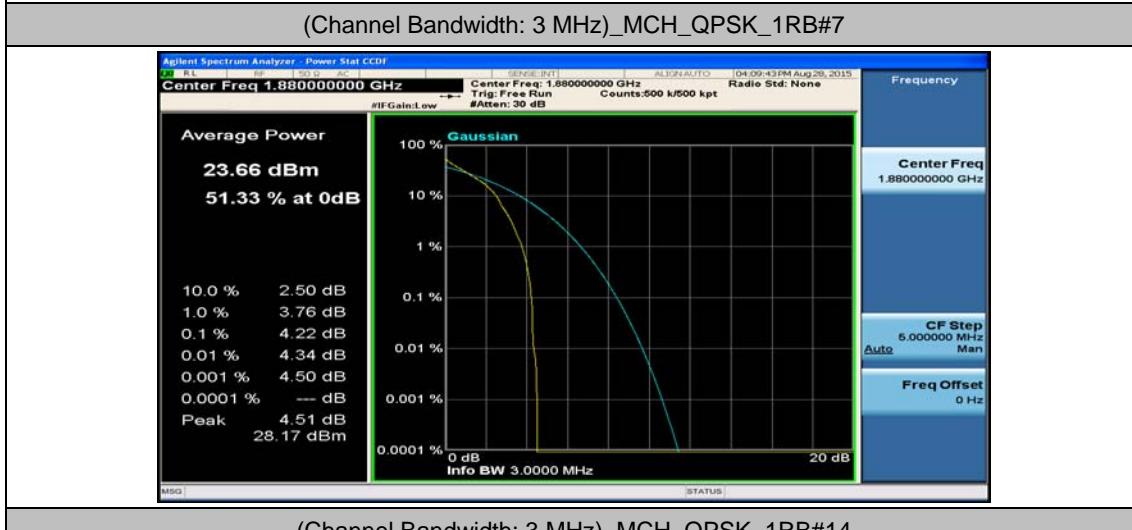
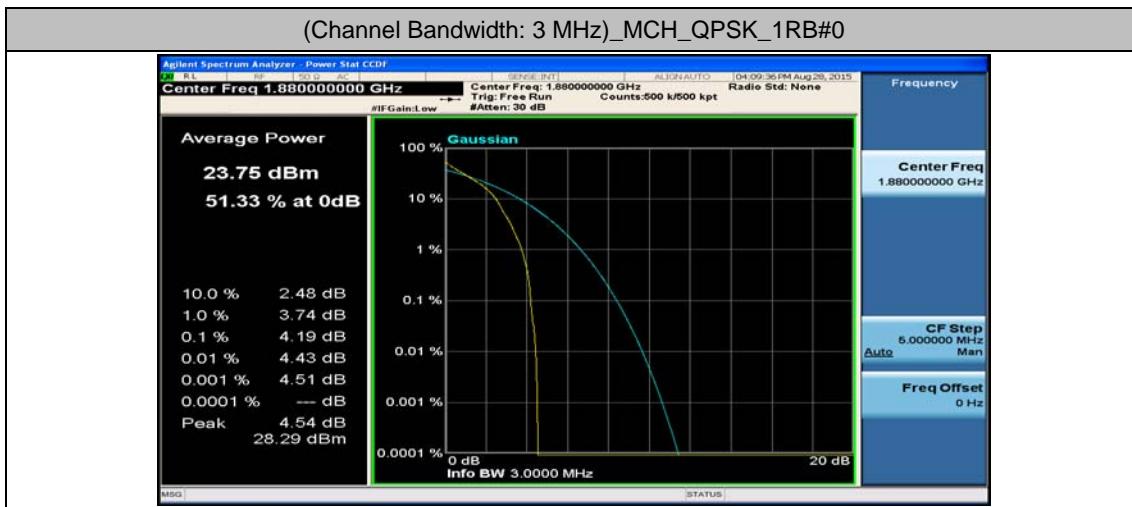
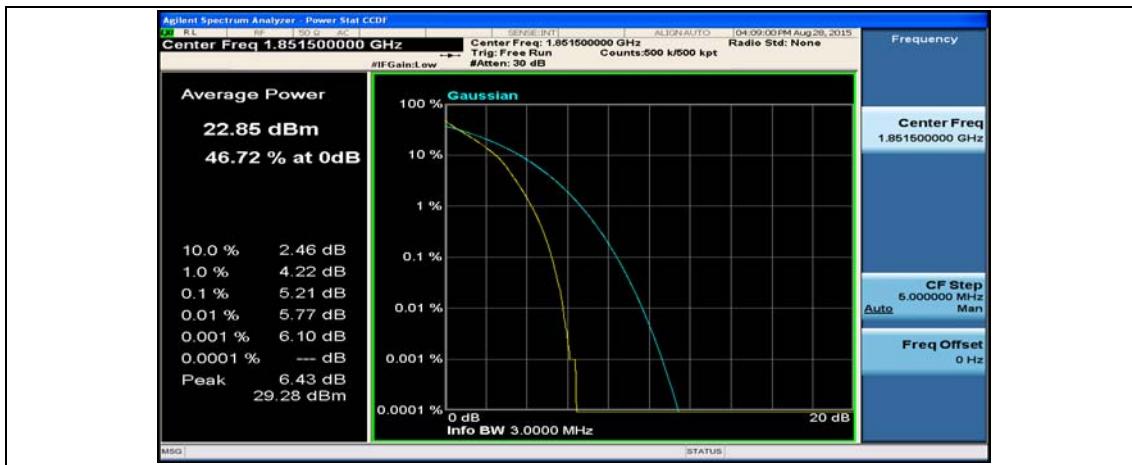




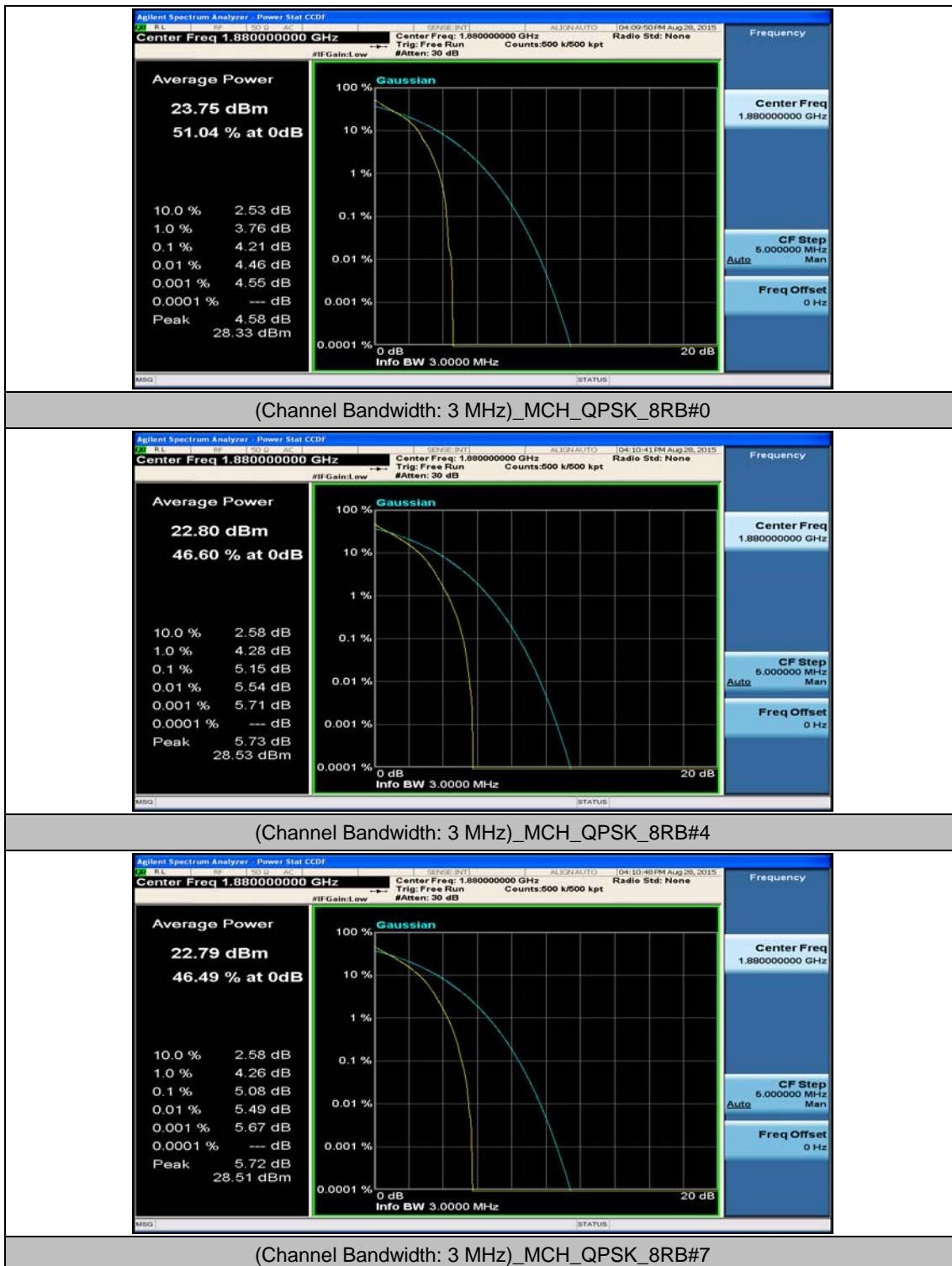
Channel Bandwidth: 3 MHz

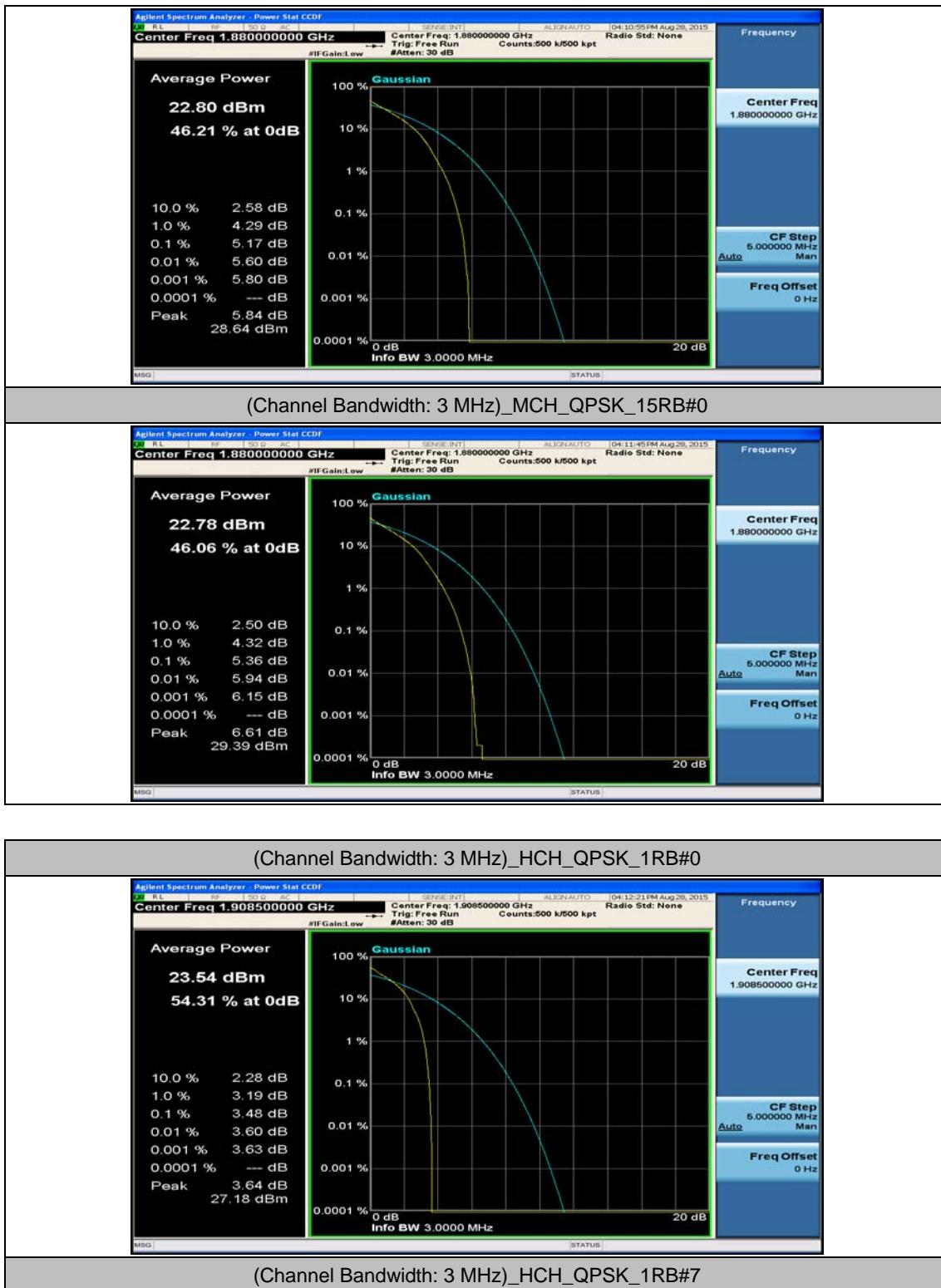


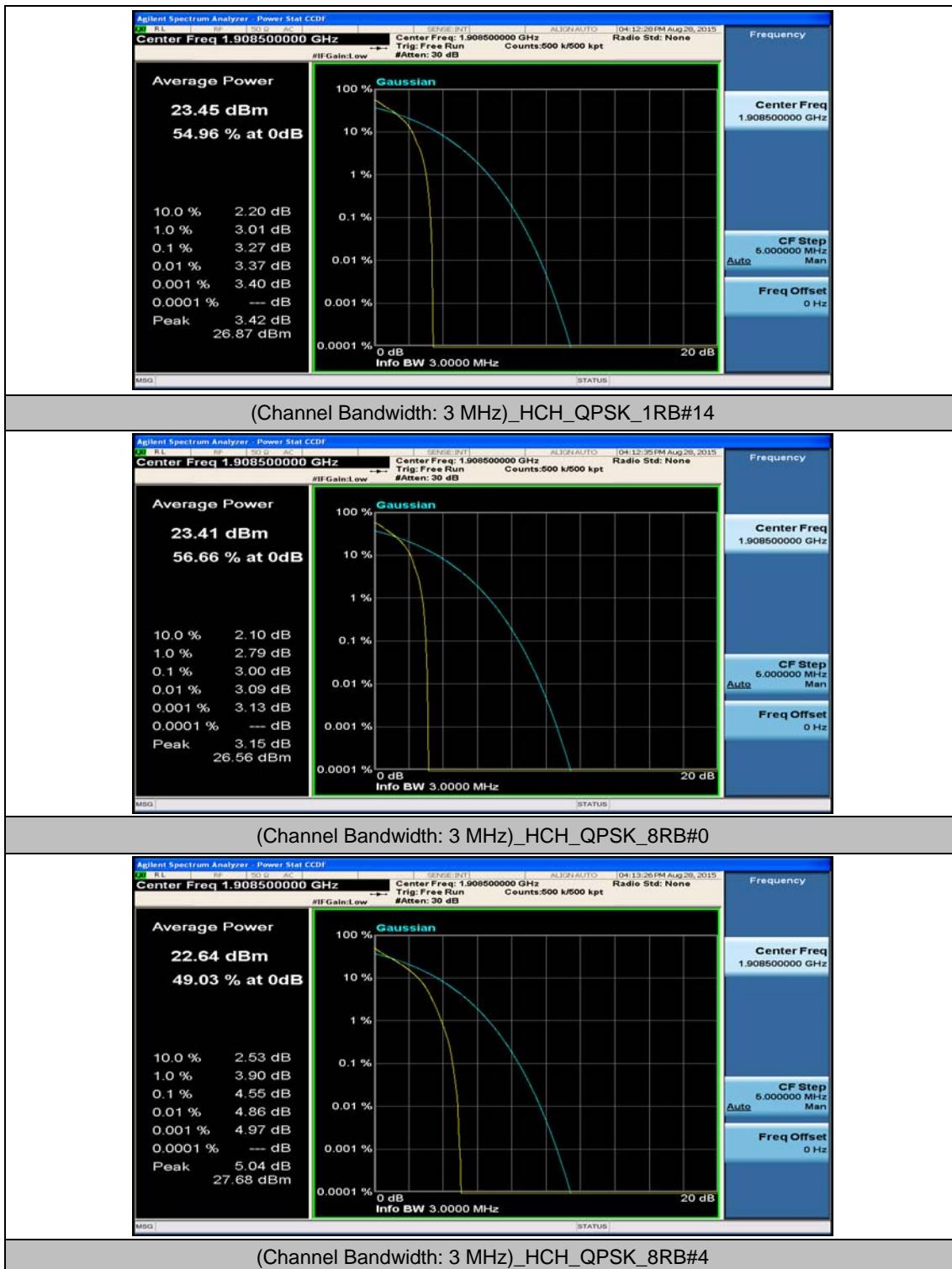


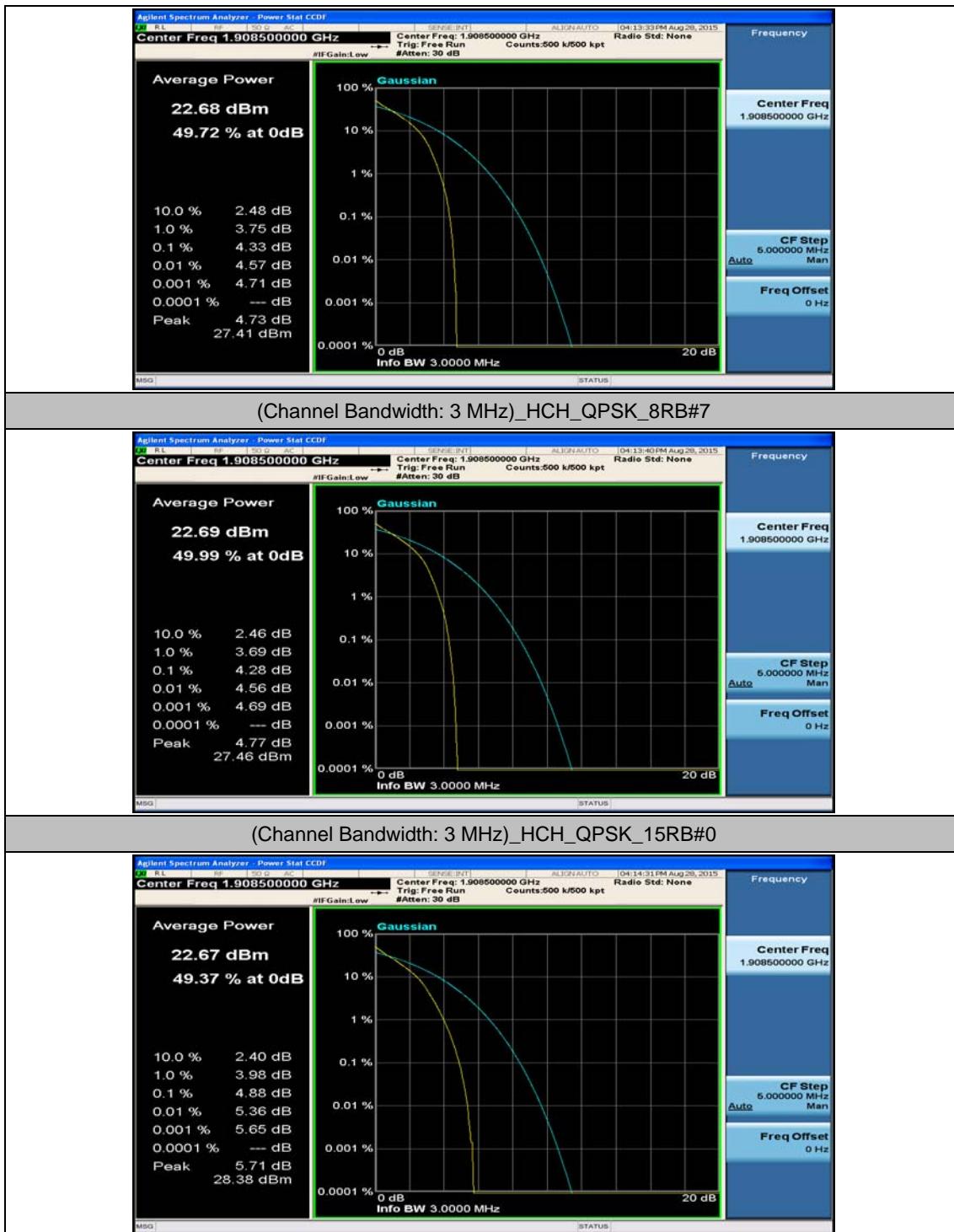


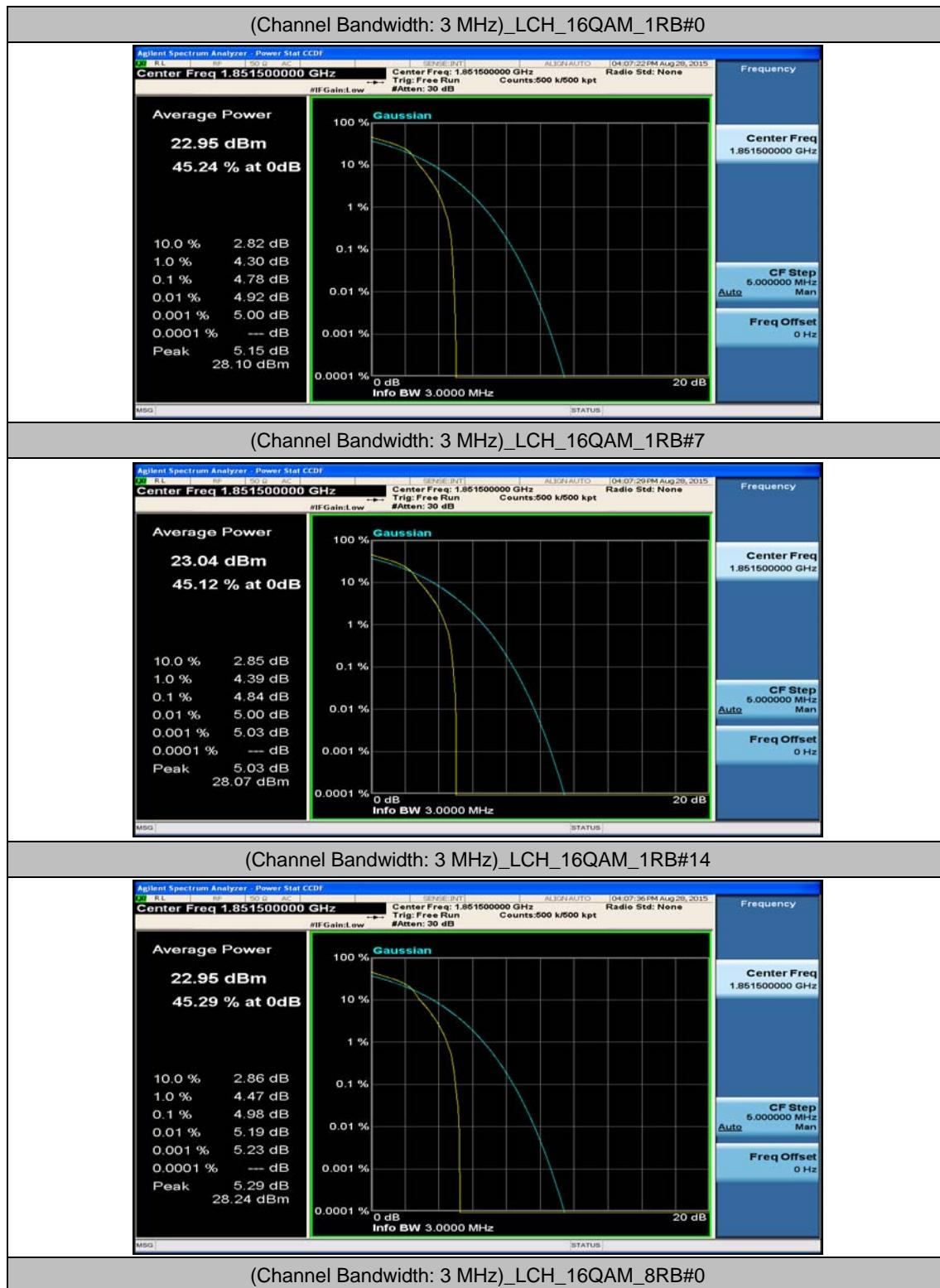
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14

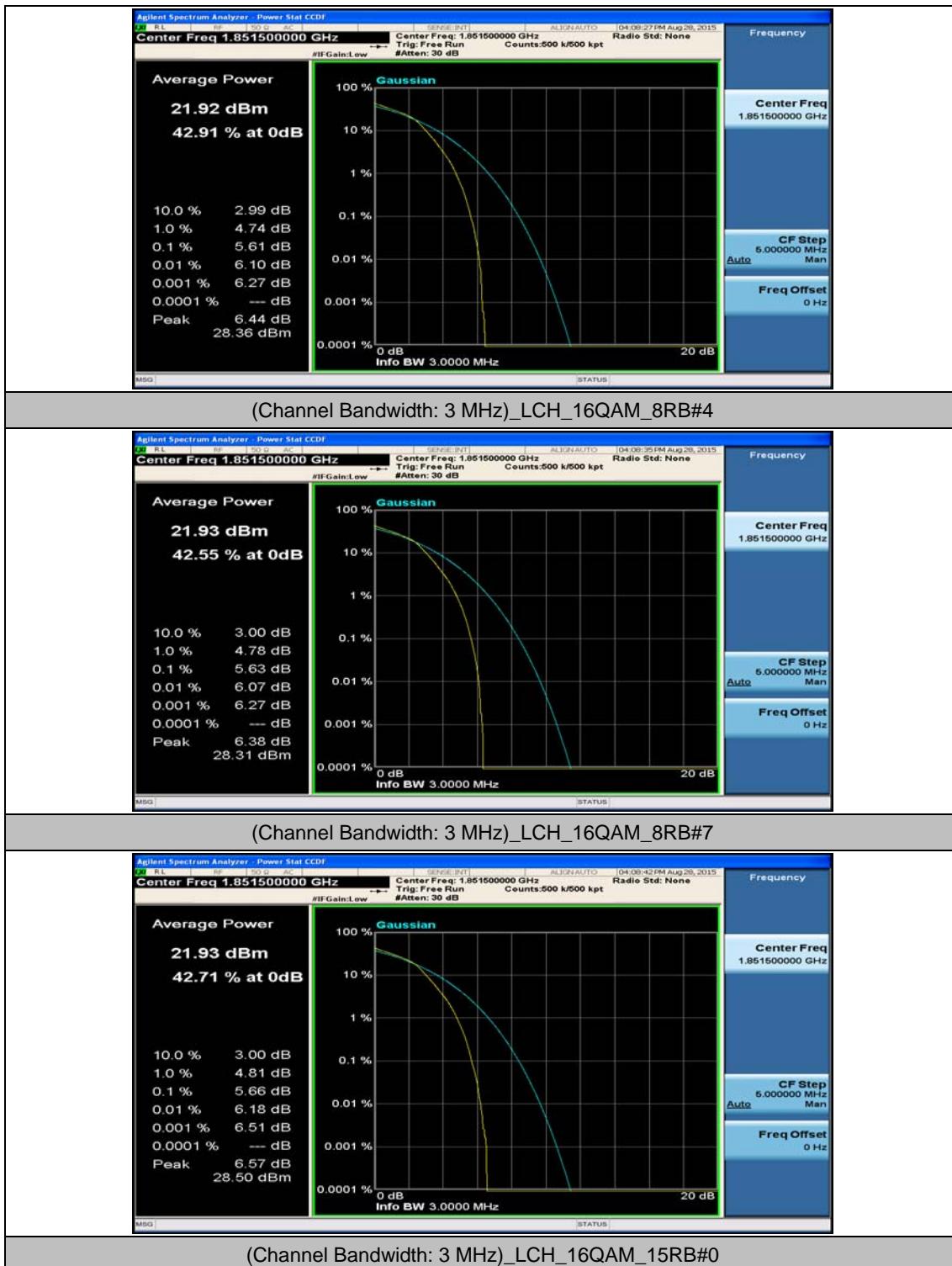


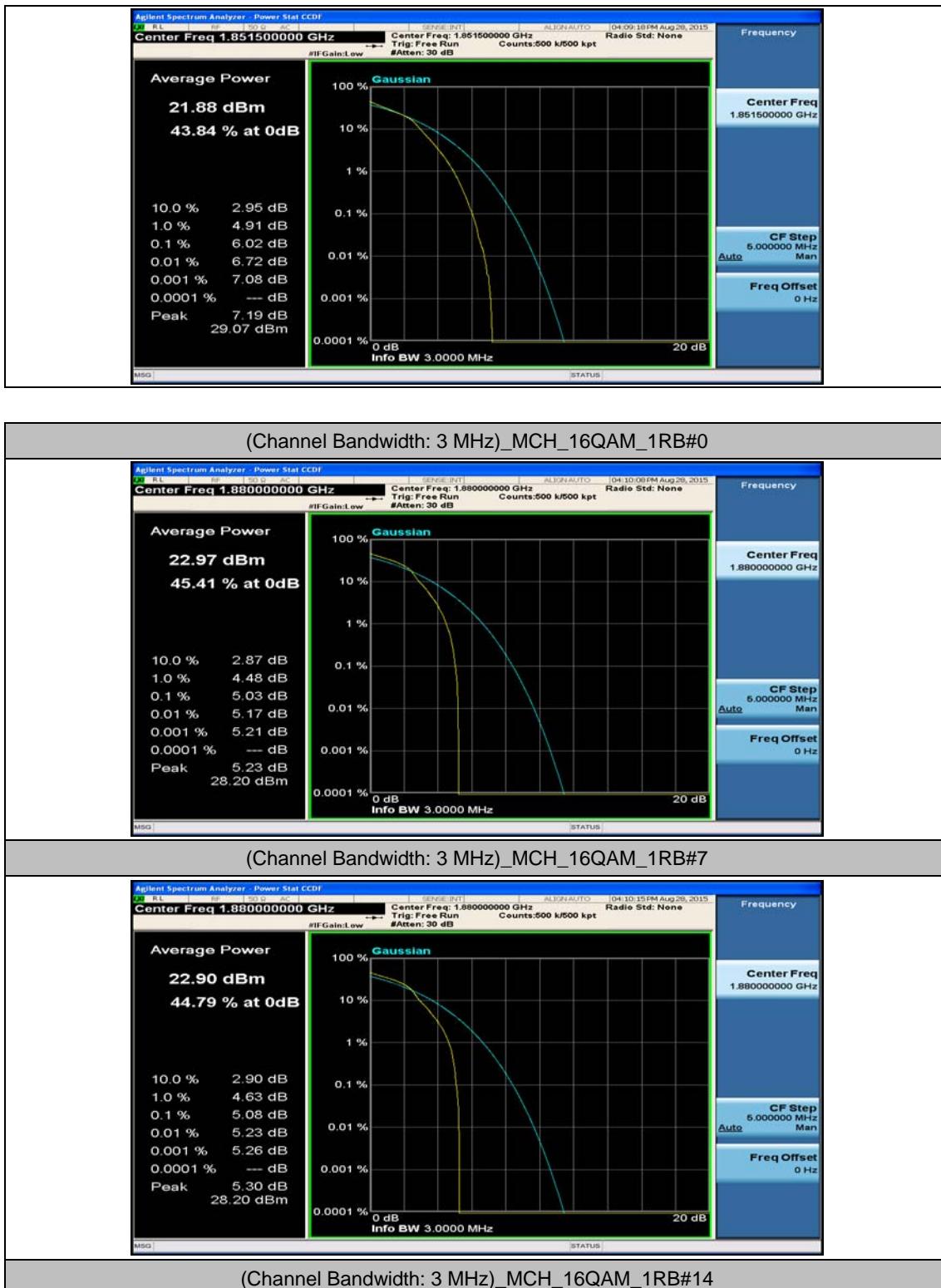


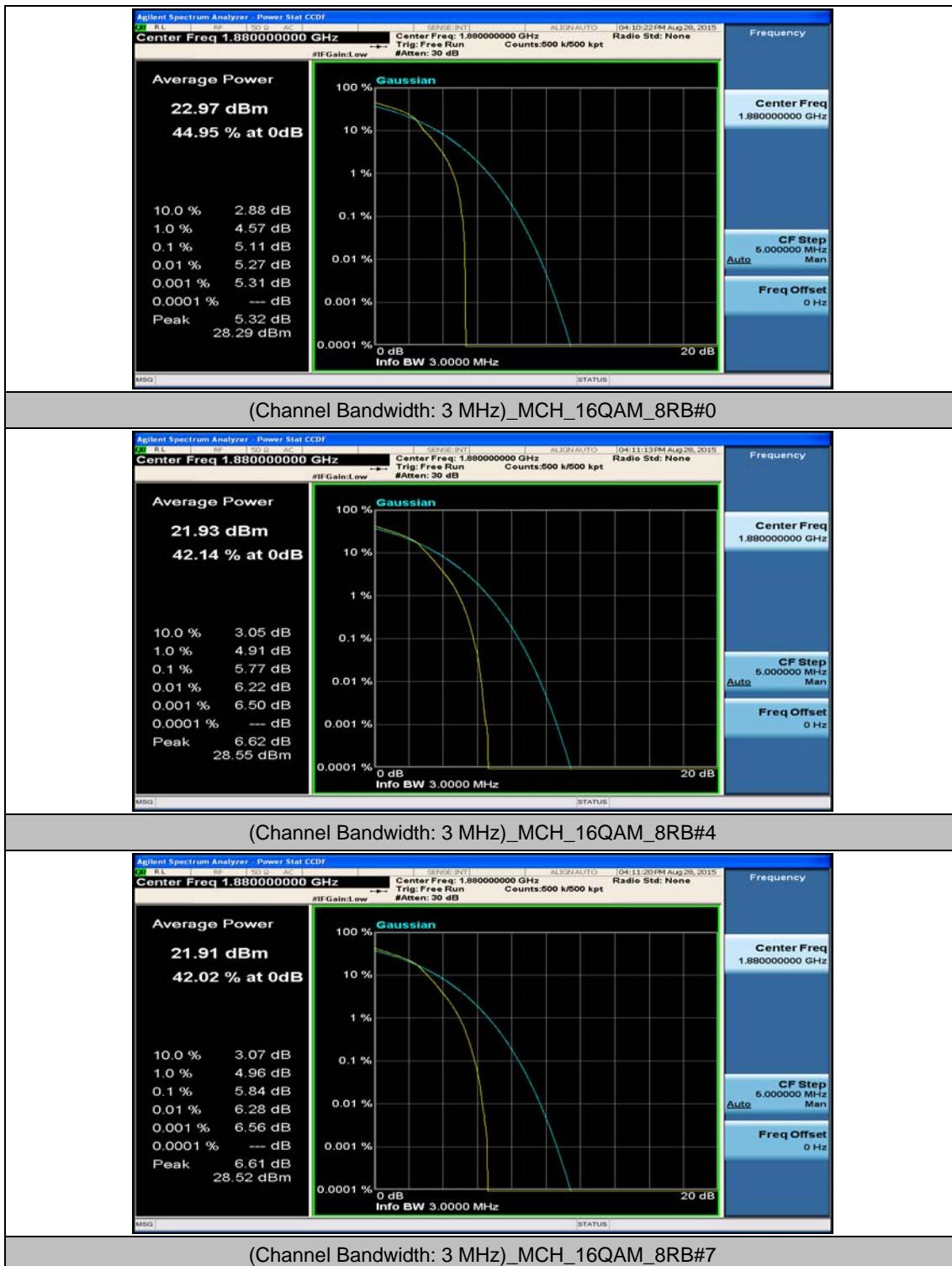


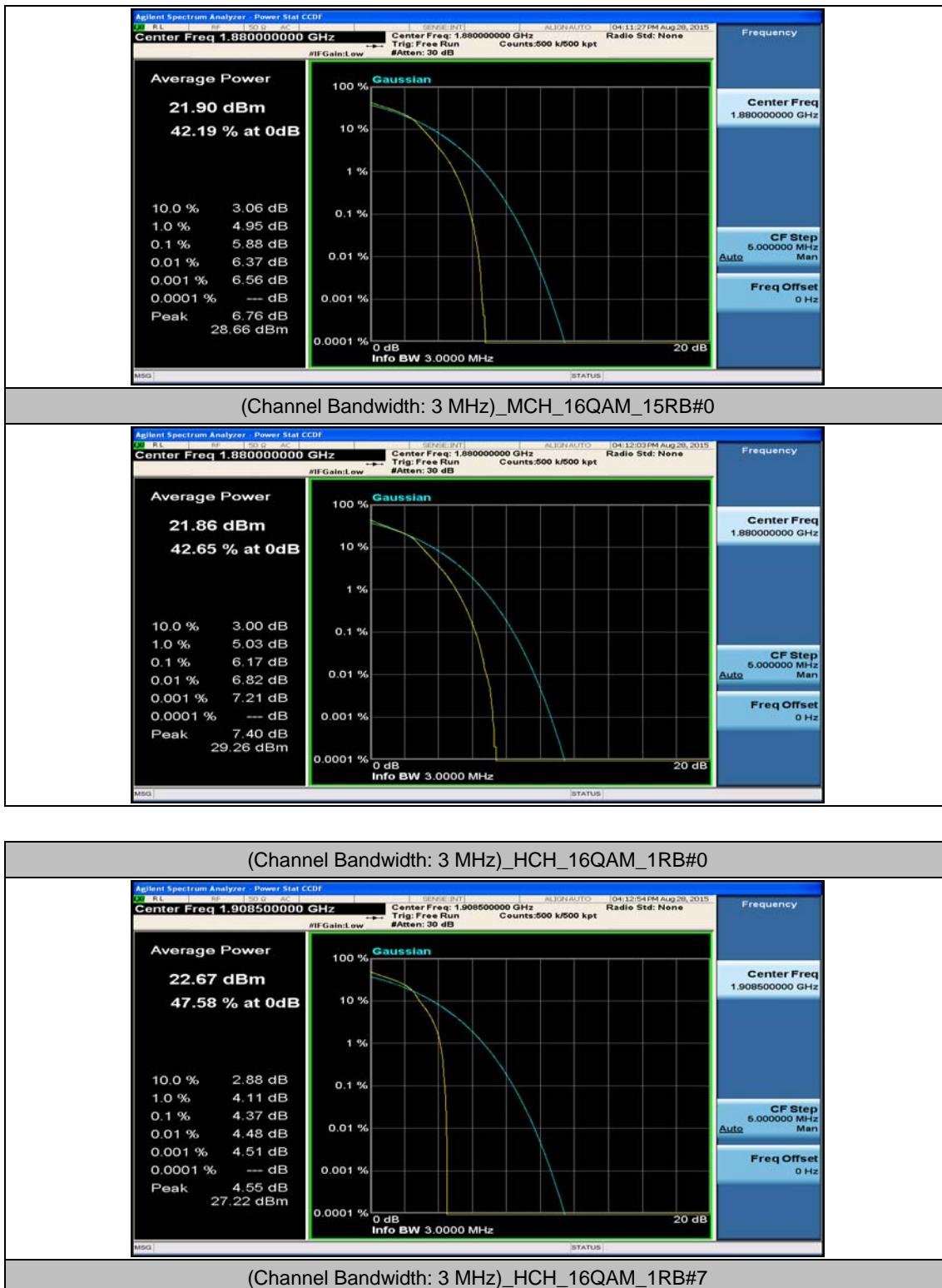


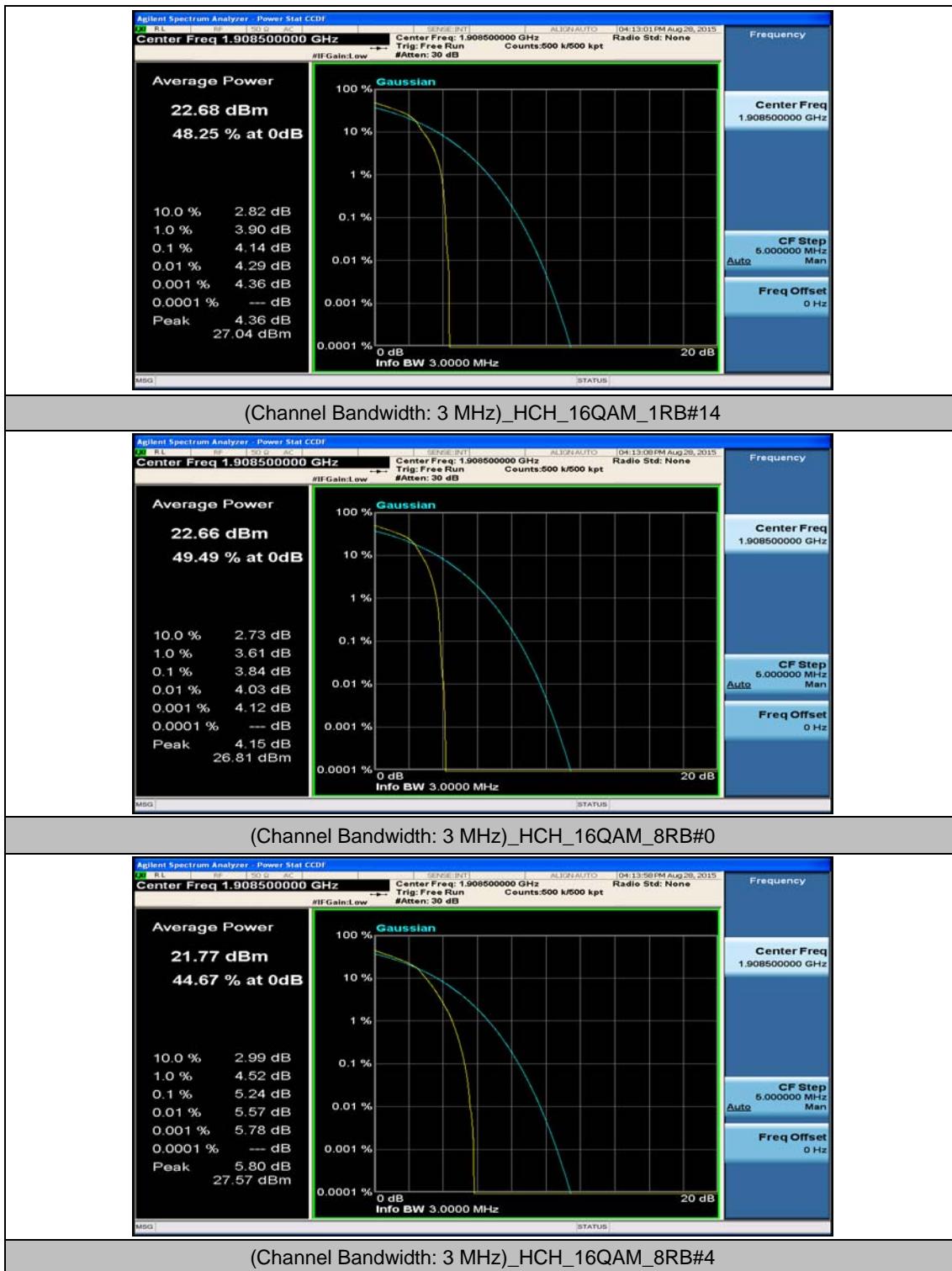


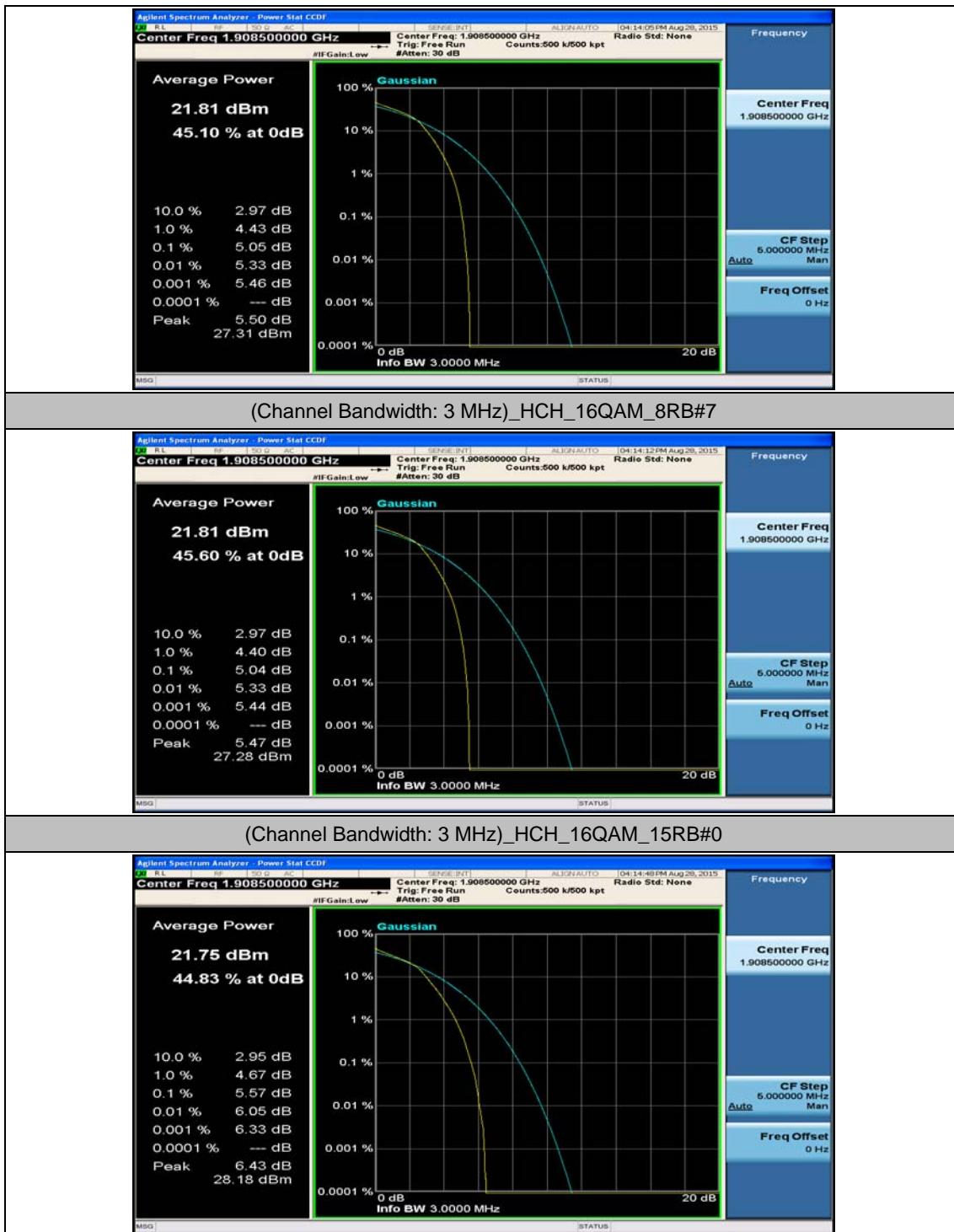




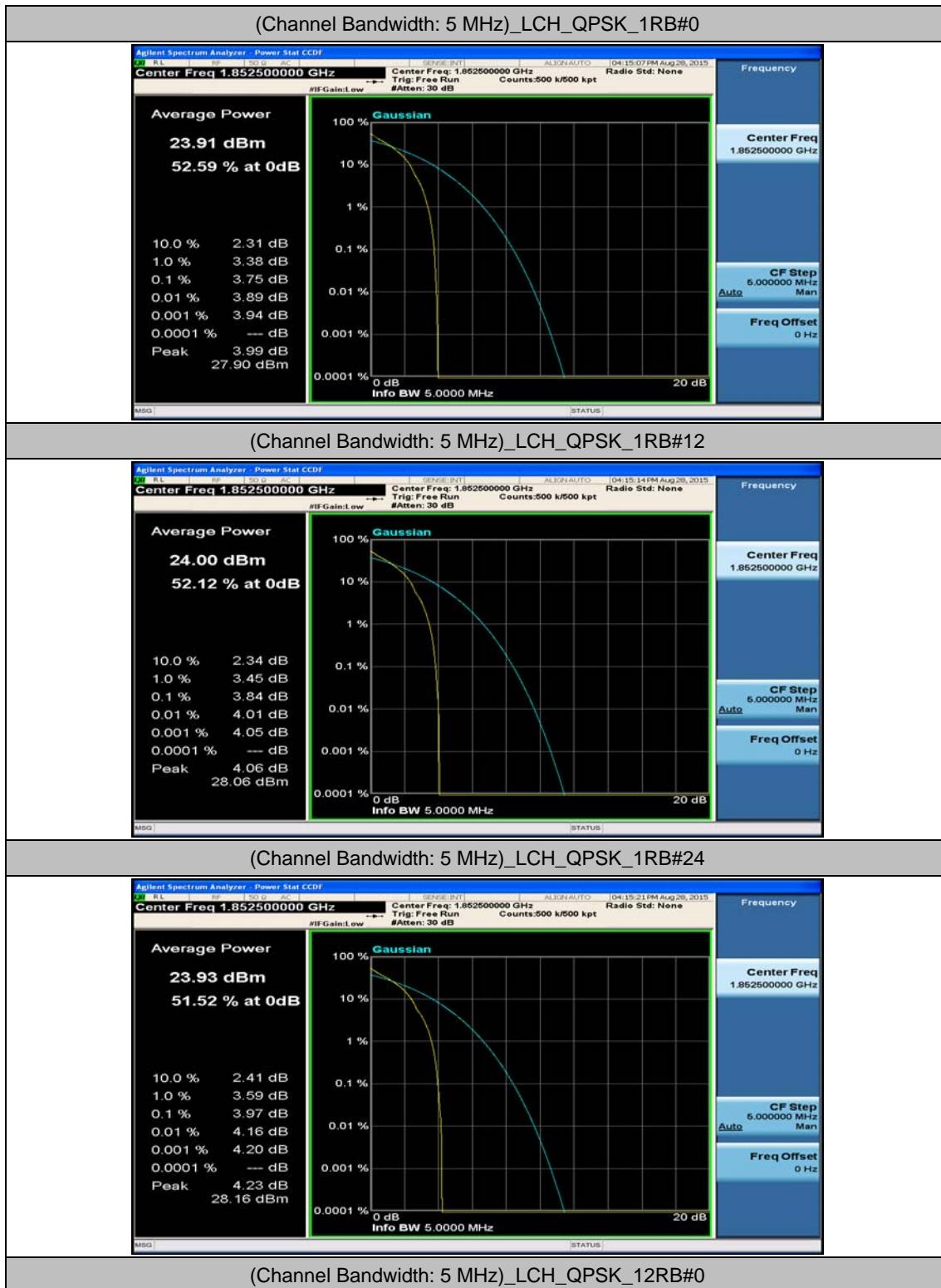


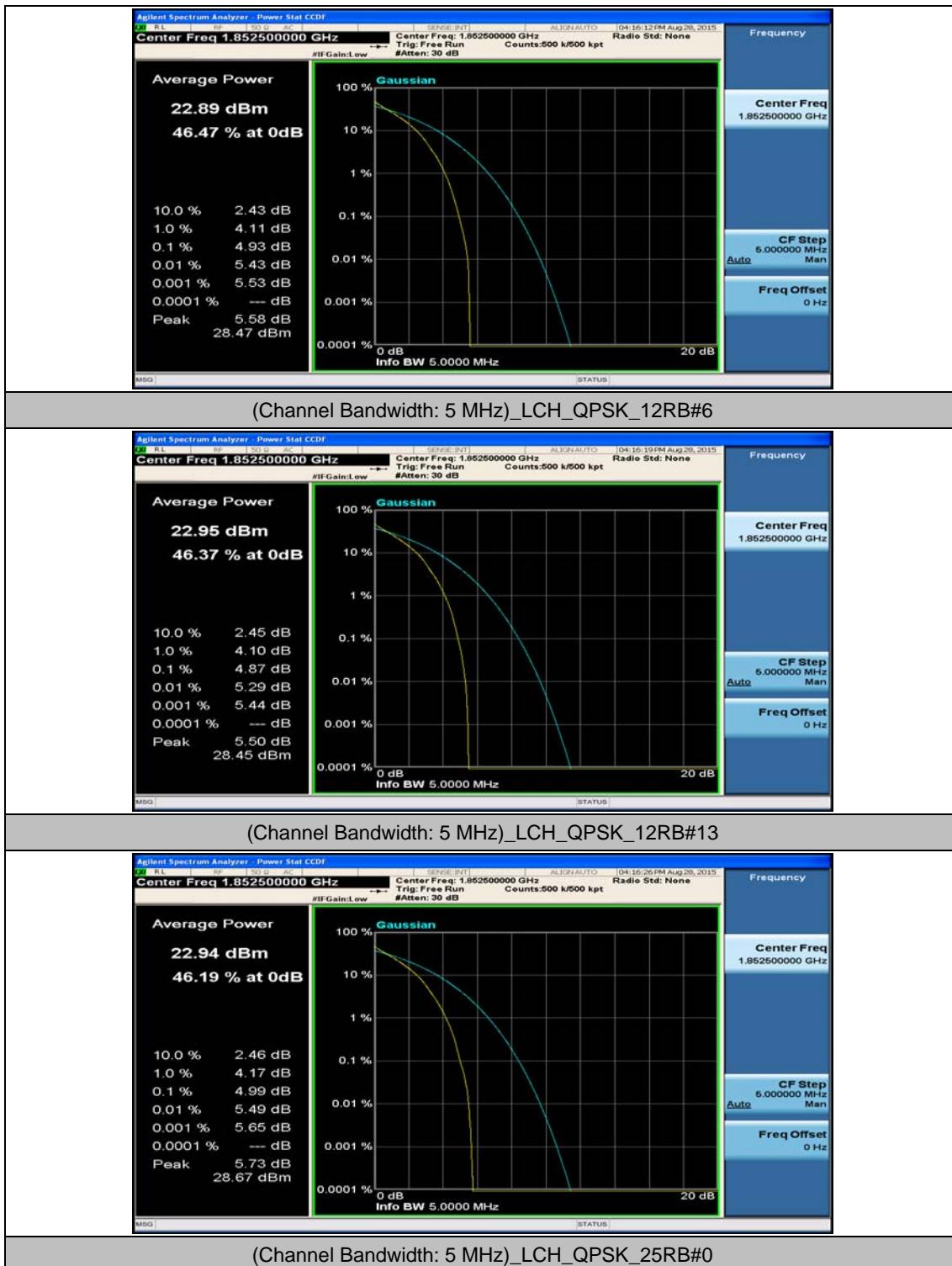


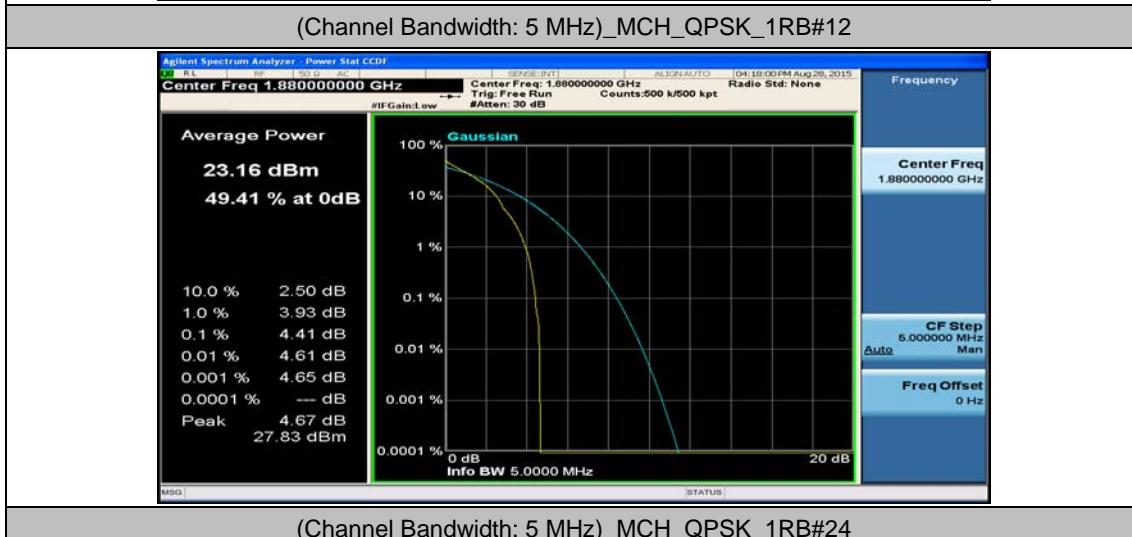
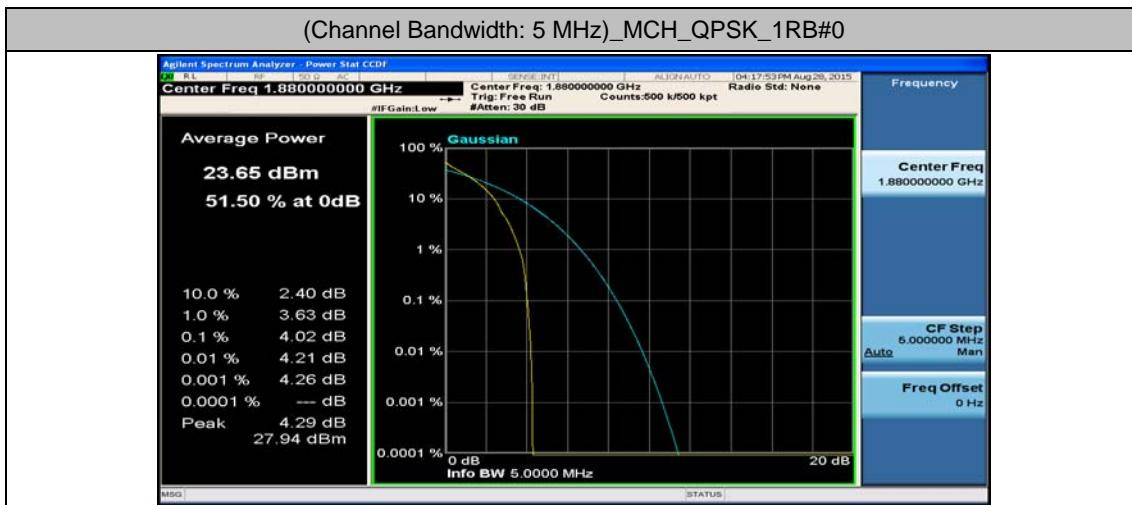
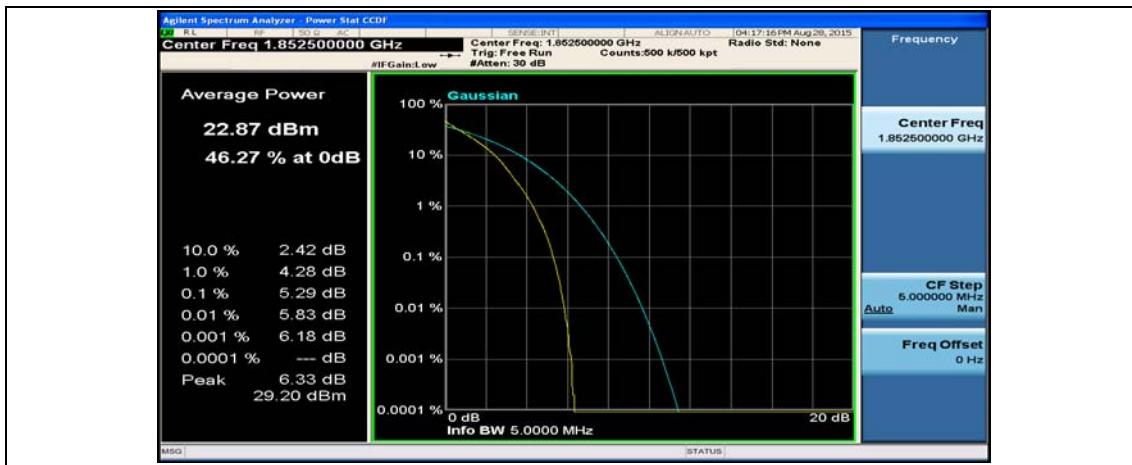




Channel Bandwidth: 5 MHz







(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24

