

Appendix for Band 5

Appendix A: Average Power Output Data

Test Result

Channel Bandwidth: 1.4 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.55	PASS
		1	3	22.54	PASS
		1	5	22.59	PASS
		3	0	22.26	PASS
		3	2	22.24	PASS
		3	3	22.23	PASS
		6	0	21.64	PASS
	MCH	1	0	23.03	PASS
		1	3	23.01	PASS
		1	5	23.03	PASS
		3	0	22.36	PASS
		3	2	22.26	PASS
		3	3	22.33	PASS
		6	0	21.99	PASS
16QAM	HCH	1	0	23.18	PASS
		1	3	23.18	PASS
		1	5	23.16	PASS
		3	0	22.22	PASS
		3	2	22.19	PASS
		3	3	22.18	PASS
		6	0	22.13	PASS
	LCH	1	0	21.7	PASS
		1	3	21.75	PASS
		1	5	21.74	PASS
		3	0	21.64	PASS
		3	2	21.59	PASS
		3	3	21.58	PASS
		6	0	21.5	PASS
	MCH	1	0	22.39	PASS
		1	3	22.42	PASS
		1	5	22.41	PASS
		3	0	22.06	PASS

		3	2	22.01	PASS
		3	3	22.08	PASS
		6	0	21.46	PASS
HCH	HCH	1	0	22.42	PASS
		1	3	22.47	PASS
		1	5	22.41	PASS
		3	0	22.25	PASS
		3	2	22.21	PASS
		3	3	22.24	PASS
		6	0	21.27	PASS

Channel Bandwidth: 3 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.44	PASS
		1	7	22.54	PASS
		1	14	22.56	PASS
		8	0	21.63	PASS
		8	4	21.65	PASS
		8	7	21.68	PASS
		15	0	21.59	PASS
	MCH	1	0	22.98	PASS
		1	7	23.03	PASS
		1	14	22.97	PASS
		8	0	22.05	PASS
		8	4	22.02	PASS
		8	7	22.05	PASS
		15	0	22.03	PASS
	HCH	1	0	23.19	PASS
		1	7	23.21	PASS
		1	14	23.14	PASS
		8	0	22.19	PASS
		8	4	22.17	PASS
		8	7	22.17	PASS
		15	0	22.16	PASS
16QAM	LCH	1	0	21.69	PASS
		1	7	21.79	PASS
		1	14	21.8	PASS
		8	0	20.66	PASS
		8	4	20.68	PASS
		8	7	20.69	PASS
		15	0	20.51	PASS

	MCH	1	0	22.37	PASS
		1	7	22.40	PASS
		1	14	22.36	PASS
		8	0	21.06	PASS
		8	4	21.02	PASS
		8	7	21.07	PASS
		15	0	21.02	PASS
	HCH	1	0	22.41	PASS
		1	7	22.45	PASS
		1	14	22.39	PASS
		8	0	21.17	PASS
		8	4	21.14	PASS
		8	7	21.14	PASS
		15	0	21.17	PASS

Channel Bandwidth: 5 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.63	PASS
		1	12	22.73	PASS
		1	24	22.81	PASS
		12	0	21.68	PASS
		12	6	21.71	PASS
		12	13	21.79	PASS
		25	0	21.65	PASS
	MCH	1	0	23.11	PASS
		1	12	23.14	PASS
		1	24	23.09	PASS
		12	0	22.12	PASS
		12	6	22.11	PASS
		12	13	22.11	PASS
		25	0	22.09	PASS
	HCH	1	0	23.32	PASS
		1	12	23.14	PASS
		1	24	23.25	PASS
		12	0	22.28	PASS
		12	6	22.24	PASS
		12	13	22.24	PASS
		25	0	22.34	PASS
16QAM	LCH	1	0	21.83	PASS
		1	12	21.91	PASS
		1	24	22.04	PASS

		12	0	20.67	PASS
		12	6	20.70	PASS
		12	13	20.82	PASS
		25	0	20.63	PASS
MCH	MCH	1	0	22.40	PASS
		1	12	22.41	PASS
		1	24	22.33	PASS
		12	0	21.22	PASS
		12	6	21.20	PASS
		12	13	21.25	PASS
		25	0	21.10	PASS
HCH	HCH	1	0	22.44	PASS
		1	12	22.37	PASS
		1	24	22.42	PASS
		12	0	21.26	PASS
		12	6	21.26	PASS
		12	13	21.23	PASS
		25	0	21.24	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.58	PASS
		1	24	22.80	PASS
		1	49	22.88	PASS
		25	0	21.68	PASS
		25	12	21.82	PASS
		25	25	21.71	PASS
		50	0	21.84	PASS
QPSK	MCH	1	0	22.98	PASS
		1	24	23.05	PASS
		1	49	23.38	PASS
		25	0	22.36	PASS
		25	12	22.38	PASS
		25	25	22.32	PASS
		50	0	22.07	PASS
QPSK	HCH	1	0	23.19	PASS
		1	24	23.24	PASS
		1	49	23.21	PASS
		25	0	22.21	PASS
		25	12	22.21	PASS
		25	25	22.25	PASS

		50	0	22.20	PASS
16QAM	LCH	1	0	21.83	PASS
		1	24	22.09	PASS
		1	49	22.29	PASS
		25	0	20.70	PASS
		25	12	20.84	PASS
		25	25	20.90	PASS
		50	0	20.80	PASS
	MCH	1	0	22.41	PASS
		1	24	22.48	PASS
		1	49	22.40	PASS
		25	0	21.09	PASS
		25	12	21.10	PASS
		25	25	21.13	PASS
		50	0	21.12	PASS
	HCH	1	0	22.39	PASS
		1	24	22.43	PASS
		1	49	22.49	PASS
		25	0	21.15	PASS
		25	12	21.17	PASS
		25	25	21.23	PASS
		50	0	21.21	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	4.08	<13	PASS
		1	3	3.95	<13	PASS
		1	5	3.84	<13	PASS
		3	0	4.4	<13	PASS
		3	2	4.26	<13	PASS
		3	3	4.25	<13	PASS
		6	0	4.91	<13	PASS
	MCH	1	0	5.3	<13	PASS
		1	3	5.11	<13	PASS
		1	5	4.98	<13	PASS
		3	0	5.7	<13	PASS
		3	2	5.51	<13	PASS
		3	3	5.57	<13	PASS
		6	0	5.78	<13	PASS
16QAM	LCH	1	0	5.2	<13	PASS
		1	3	5.33	<13	PASS
		1	5	5.23	<13	PASS
		3	0	5.94	<13	PASS
		3	2	5.97	<13	PASS
		3	3	5.9	<13	PASS
		6	0	6.08	<13	PASS
	MCH	1	0	5.05	<13	PASS
		1	3	4.83	<13	PASS
		1	5	4.86	<13	PASS
		3	0	5.39	<13	PASS
		3	2	5.33	<13	PASS
		3	3	5.34	<13	PASS
		6	0	5.8	<13	PASS

		3	2	6.56	<13	PASS
		3	3	6.53	<13	PASS
		6	0	6.67	<13	PASS
HCH		1	0	6.07	<13	PASS
		1	3	6.15	<13	PASS
		1	5	5.96	<13	PASS
		3	0	6.59	<13	PASS
		3	2	6.46	<13	PASS
		3	3	6.47	<13	PASS
		6	0	6.76	<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	4.07	<13	PASS
		1	7	3.92	<13	PASS
		1	14	4.08	<13	PASS
		8	0	4.79	<13	PASS
		8	4	4.66	<13	PASS
		8	7	4.78	<13	PASS
		15	0	4.83	<13	PASS
	MCH	1	0	5.38	<13	PASS
		1	7	5.02	<13	PASS
		1	14	4.65	<13	PASS
		8	0	5.79	<13	PASS
		8	4	5.8	<13	PASS
		8	7	5.71	<13	PASS
		15	0	5.91	<13	PASS
	HCH	1	0	4.88	<13	PASS
		1	7	5.24	<13	PASS
		1	14	5.24	<13	PASS
		8	0	5.96	<13	PASS
		8	4	6.02	<13	PASS
		8	7	5.89	<13	PASS
		15	0	5.98	<13	PASS
16QAM	LCH	1	0	4.94	<13	PASS
		1	7	4.82	<13	PASS
		1	14	4.99	<13	PASS
		8	0	5.6	<13	PASS
		8	4	5.46	<13	PASS

		8	7	5.5	<13	PASS
		15	0	5.75	<13	PASS
MCH		1	0	6.15	<13	PASS
		1	7	5.8	<13	PASS
		1	14	5.45	<13	PASS
		8	0	6.52	<13	PASS
		8	4	6.52	<13	PASS
		8	7	6.41	<13	PASS
		15	0	6.73	<13	PASS
HCH		1	0	5.54	<13	PASS
		1	7	5.83	<13	PASS
		1	14	5.85	<13	PASS
		8	0	6.85	<13	PASS
		8	4	6.94	<13	PASS
		8	7	7.08	<13	PASS
		15	0	6.71	<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	4.24	<13	PASS
		1	12	4.12	<13	PASS
		1	24	5.09	<13	PASS
		12	0	4.79	<13	PASS
		12	6	4.89	<13	PASS
		12	13	5.15	<13	PASS
		25	0	5.09	<13	PASS
	MCH	1	0	5.54	<13	PASS
		1	12	5.24	<13	PASS
		1	24	4.46	<13	PASS
		12	0	5.9	<13	PASS
		12	6	5.63	<13	PASS
		12	13	5.45	<13	PASS
		25	0	5.78	<13	PASS
	HCH	1	0	4.06	<13	PASS
		1	12	5.07	<13	PASS
		1	24	5.04	<13	PASS
		12	0	5.39	<13	PASS
		12	6	5.8	<13	PASS
		12	13	6	<13	PASS

		25	0	5.97	<13	PASS
16QAM	LCH	1	0	4.89	<13	PASS
		1	12	4.91	<13	PASS
		1	24	5.61	<13	PASS
		12	0	5.68	<13	PASS
		12	6	5.72	<13	PASS
		12	13	6.06	<13	PASS
		25	0	5.69	<13	PASS
	MCH	1	0	6.34	<13	PASS
		1	12	6.03	<13	PASS
		1	24	5.3	<13	PASS
		12	0	6.56	<13	PASS
		12	6	6.52	<13	PASS
		12	13	6.35	<13	PASS
		25	0	6.38	<13	PASS
	HCH	1	0	4.86	<13	PASS
		1	12	5.64	<13	PASS
		1	24	6.31	<13	PASS
		12	0	6.19	<13	PASS
		12	6	6.43	<13	PASS
		12	13	6.7	<13	PASS
		25	0	6.47	<13	PASS

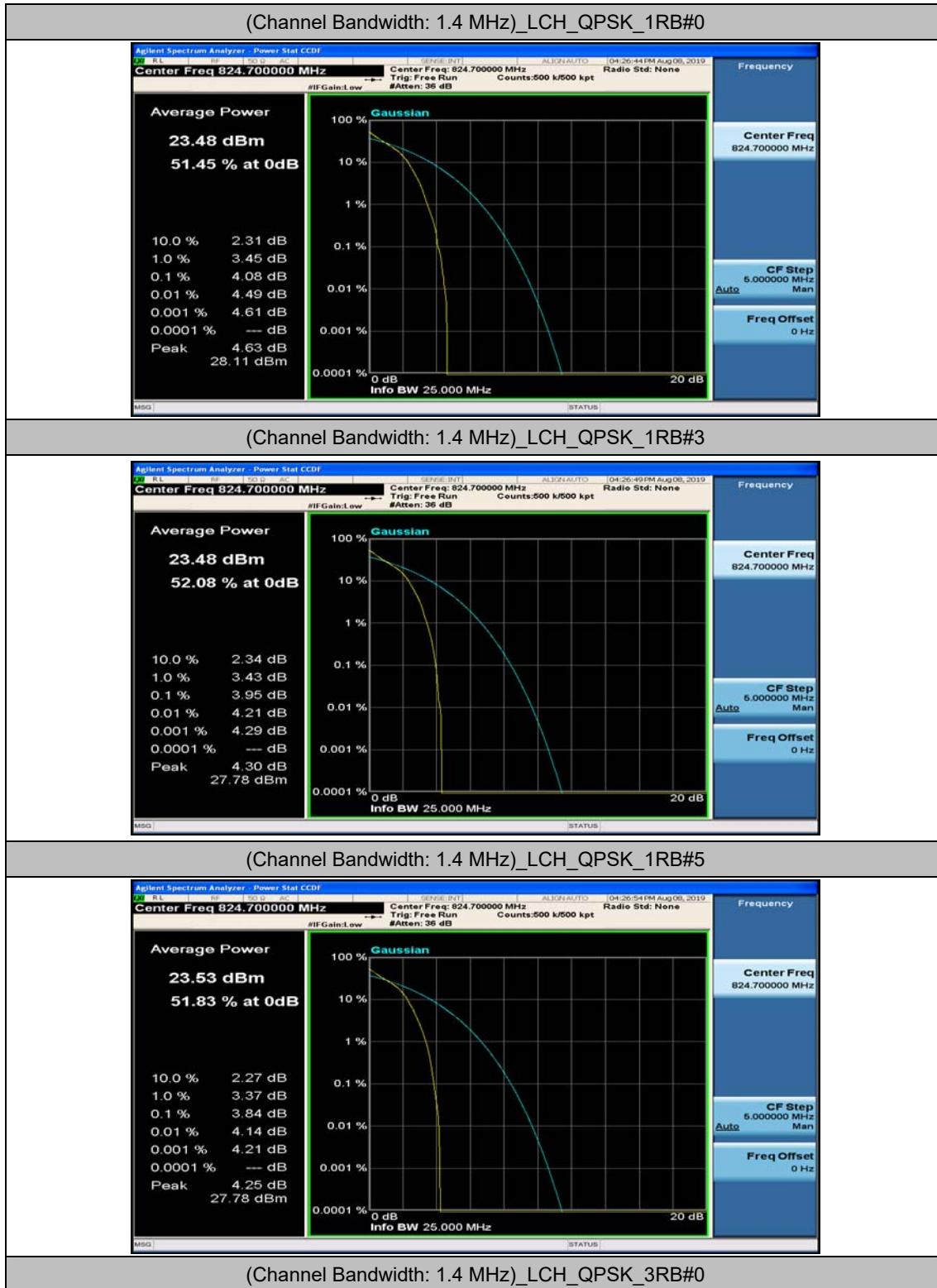
Channel Bandwidth: 10 MHz

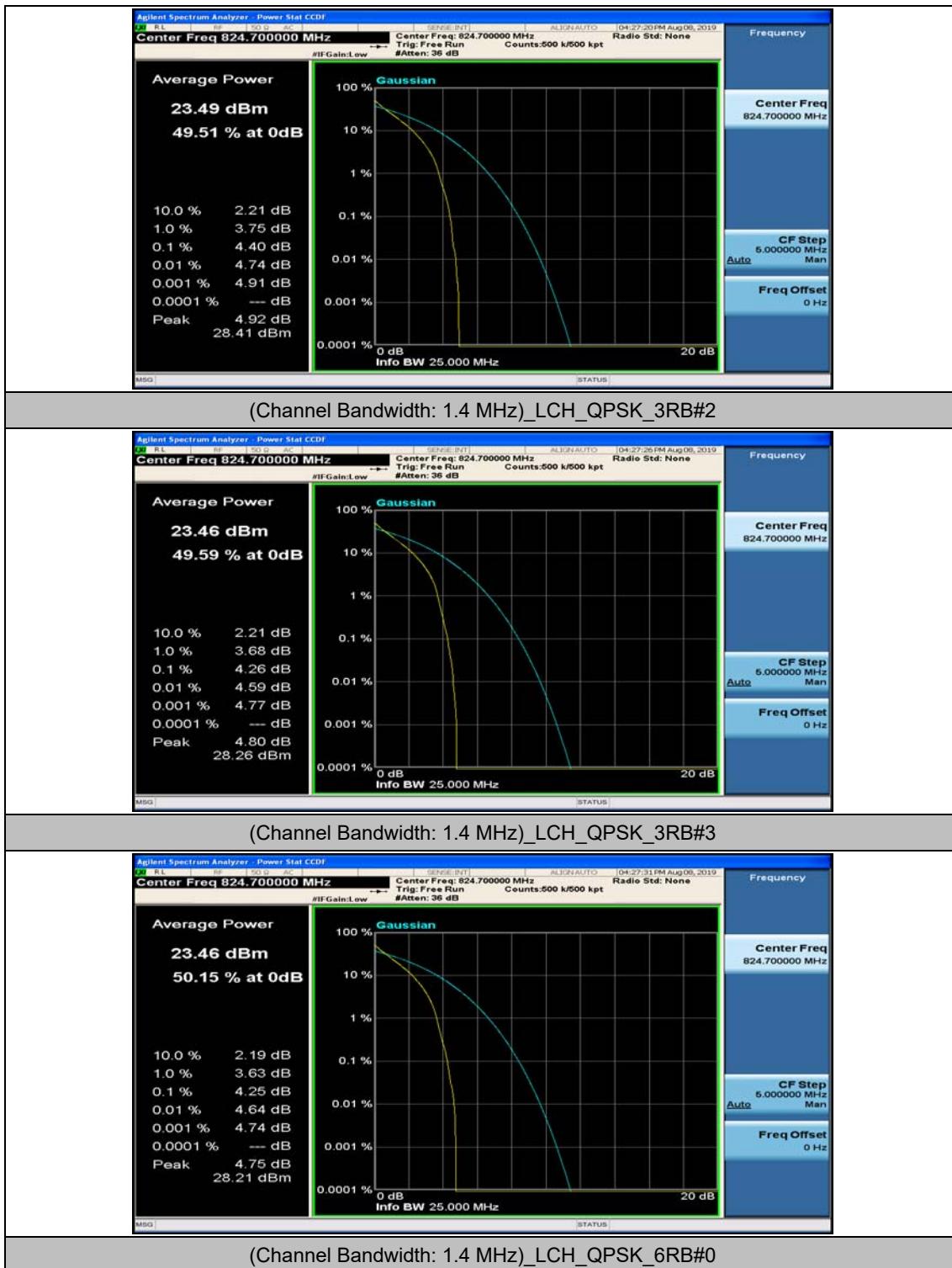
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
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		1	24	4.65	<13	PASS
		1	49	5.63	<13	PASS
		25	0	5.02	<13	PASS
		25	12	5.59	<13	PASS
		25	25	6.02	<13	PASS
		50	0	5.6	<13	PASS
	MCH	1	0	5.19	<13	PASS
		1	24	4.99	<13	PASS
		1	49	3.73	<13	PASS
		25	0	6.1	<13	PASS
		25	12	5.84	<13	PASS
		25	25	5.31	<13	PASS
		50	0	5.6	<13	PASS

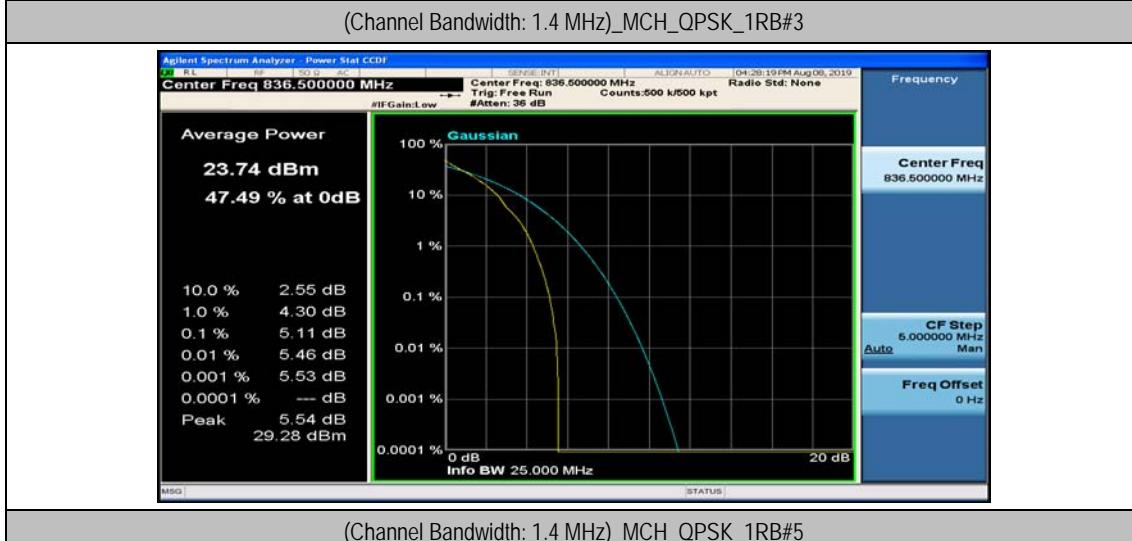
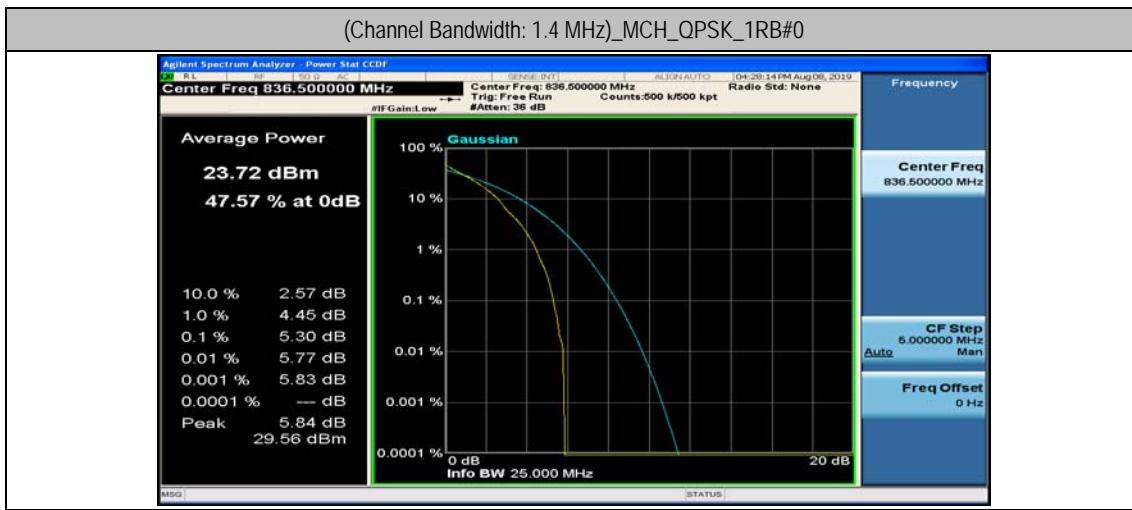
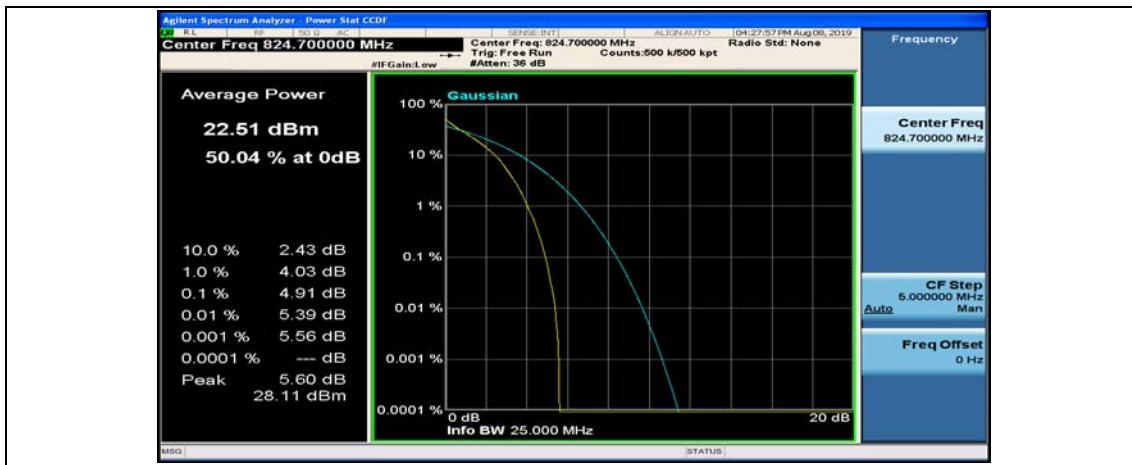
		1	0	4.11	<13	PASS
		1	24	4.01	<13	PASS
		1	49	5.35	<13	PASS
	HCH	25	0	4.65	<13	PASS
		25	12	4.95	<13	PASS
		25	25	5.67	<13	PASS
		50	0	5.36	<13	PASS
16QAM	LCH	1	0	4.85	<13	PASS
		1	24	5.63	<13	PASS
		1	49	6.52	<13	PASS
		25	0	5.75	<13	PASS
		25	12	6.33	<13	PASS
		25	25	6.9	<13	PASS
		50	0	6.24	<13	PASS
	MCH	1	0	6.18	<13	PASS
		1	24	5.88	<13	PASS
		1	49	4.64	<13	PASS
		25	0	6.75	<13	PASS
		25	12	6.58	<13	PASS
		25	25	6.14	<13	PASS
		50	0	6.35	<13	PASS
	HCH	1	0	4.74	<13	PASS
		1	24	4.81	<13	PASS
		1	49	6.2	<13	PASS
		25	0	5.57	<13	PASS
		25	12	5.77	<13	PASS
		25	25	6.41	<13	PASS
		50	0	5.98	<13	PASS

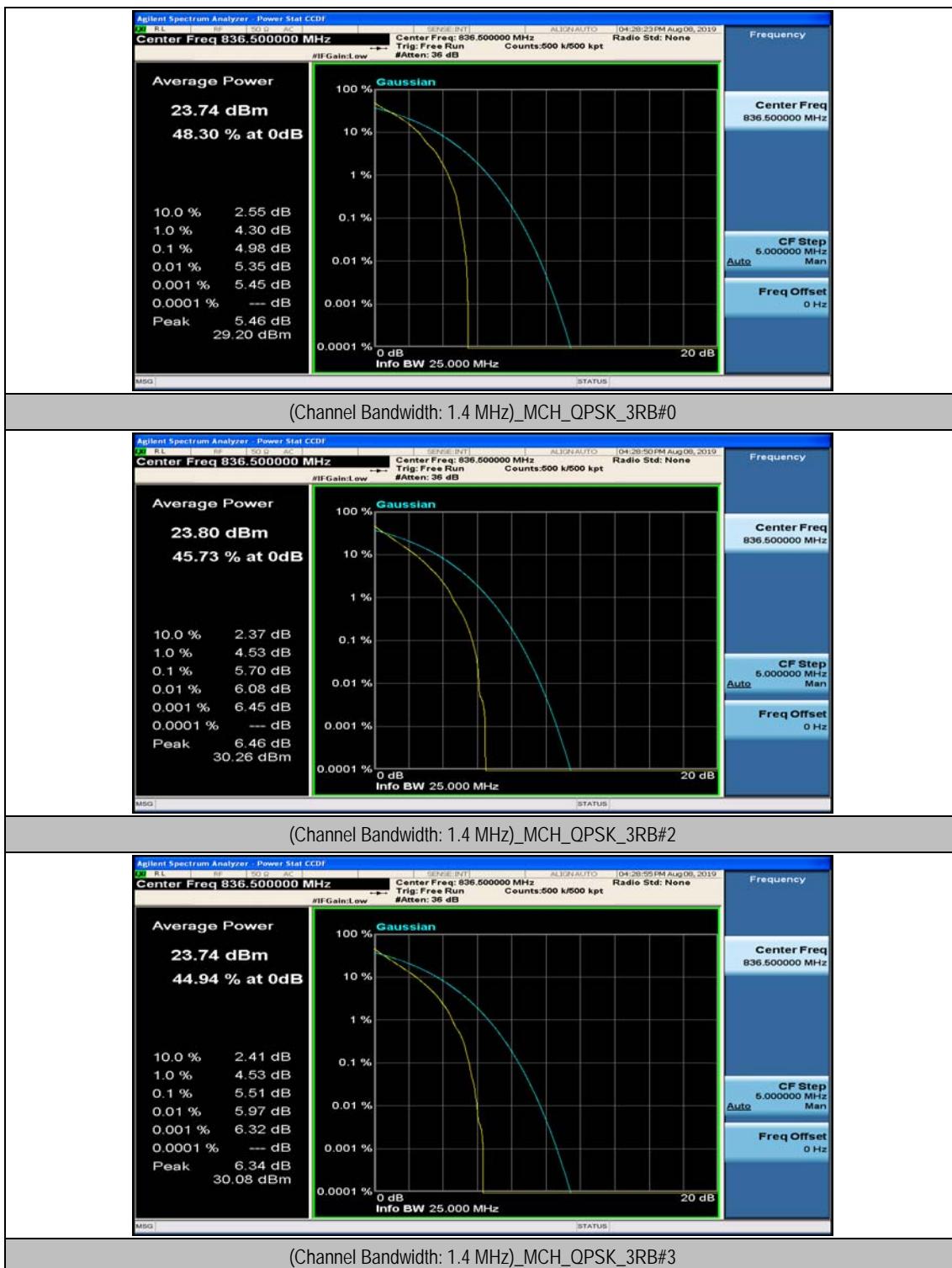
Test Graphs

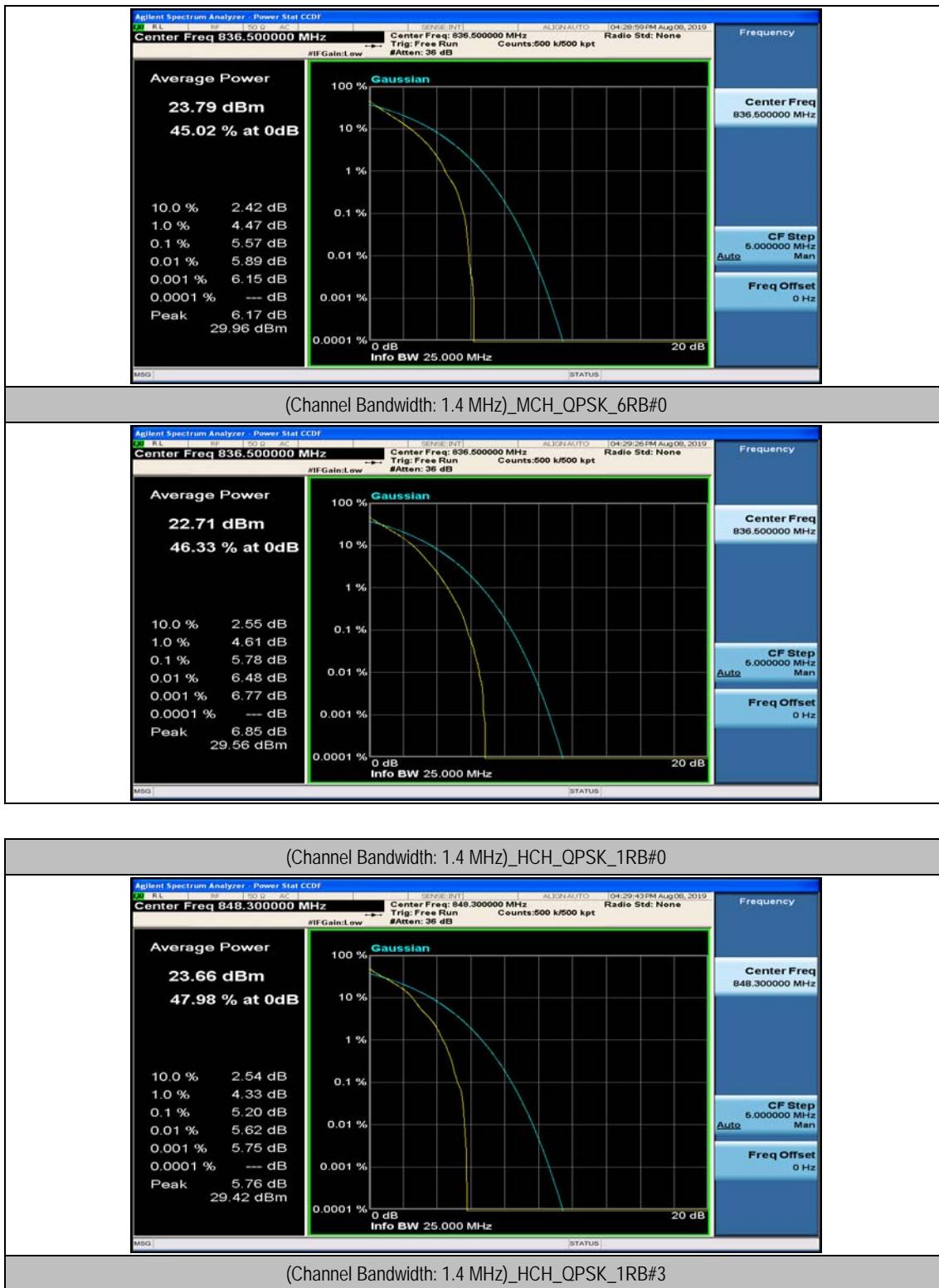
Channel Bandwidth: 1.4 MHz

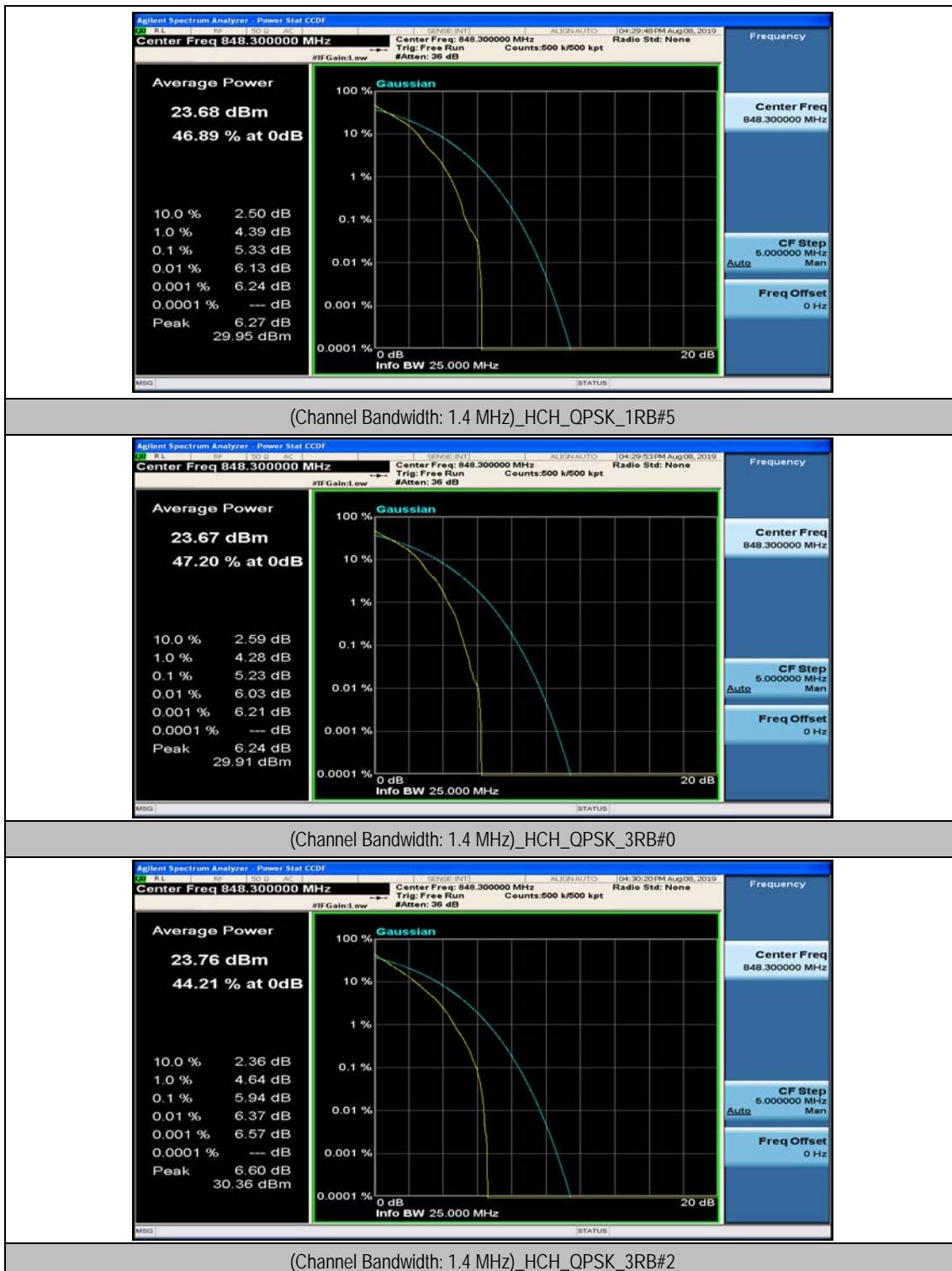


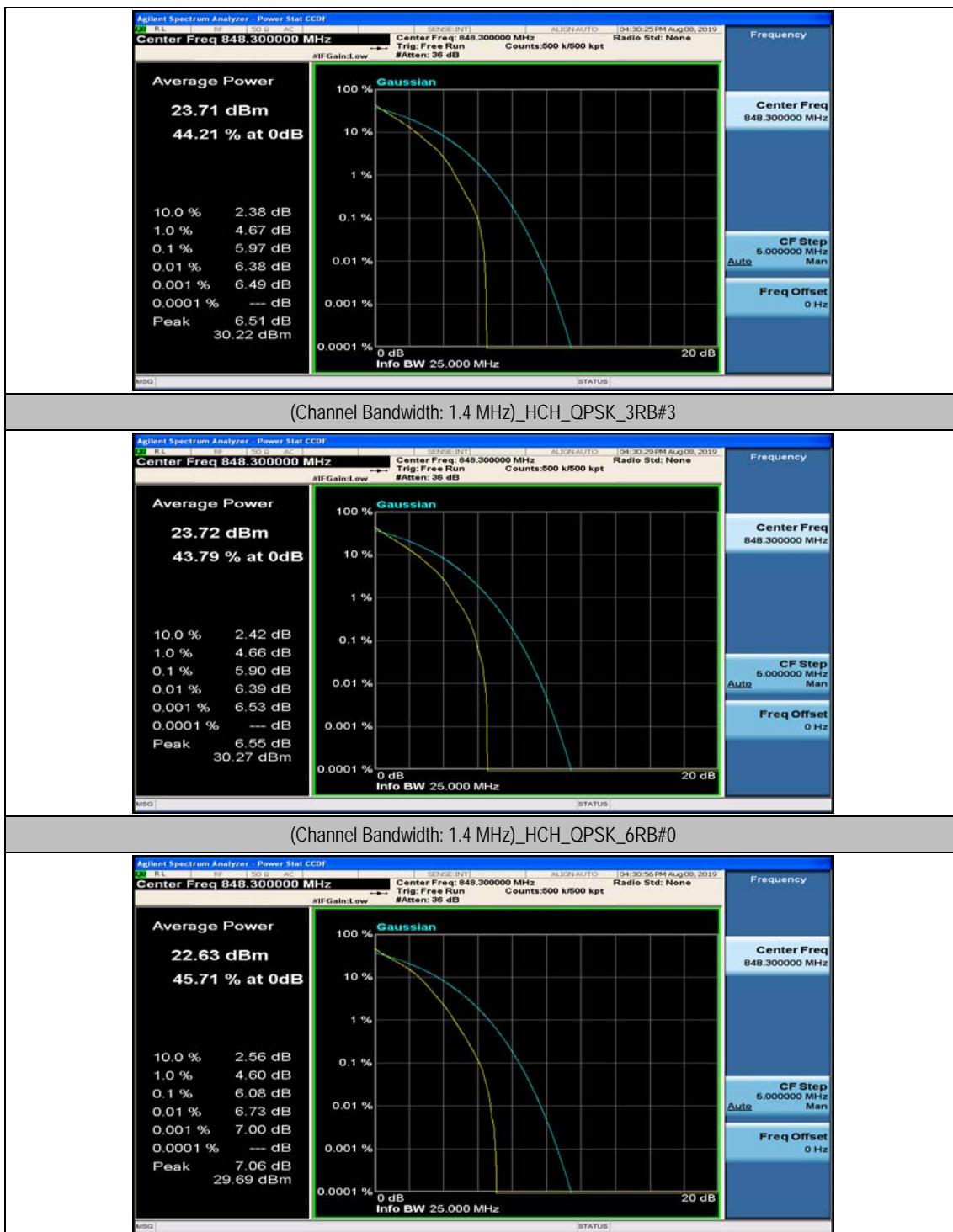


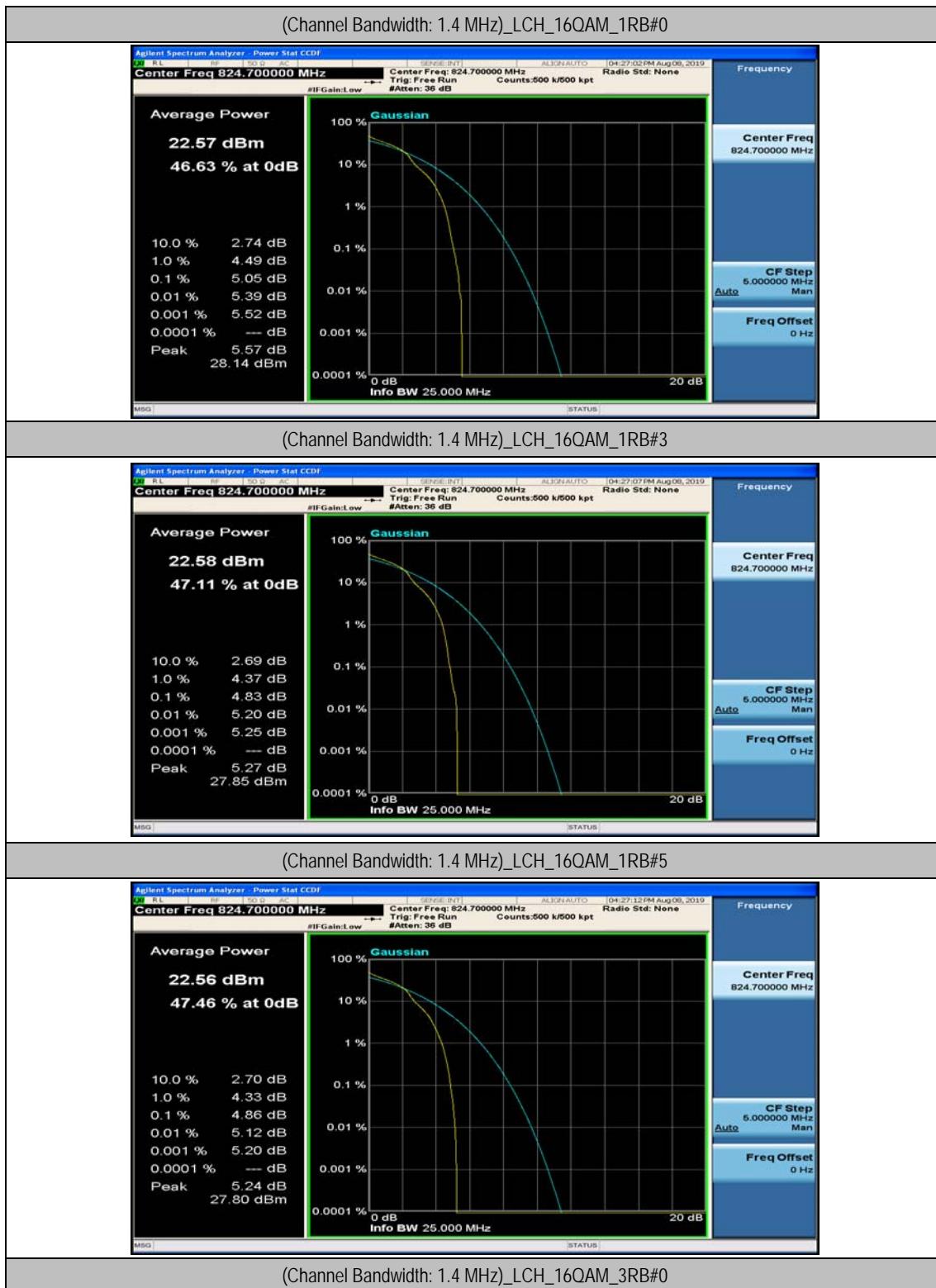


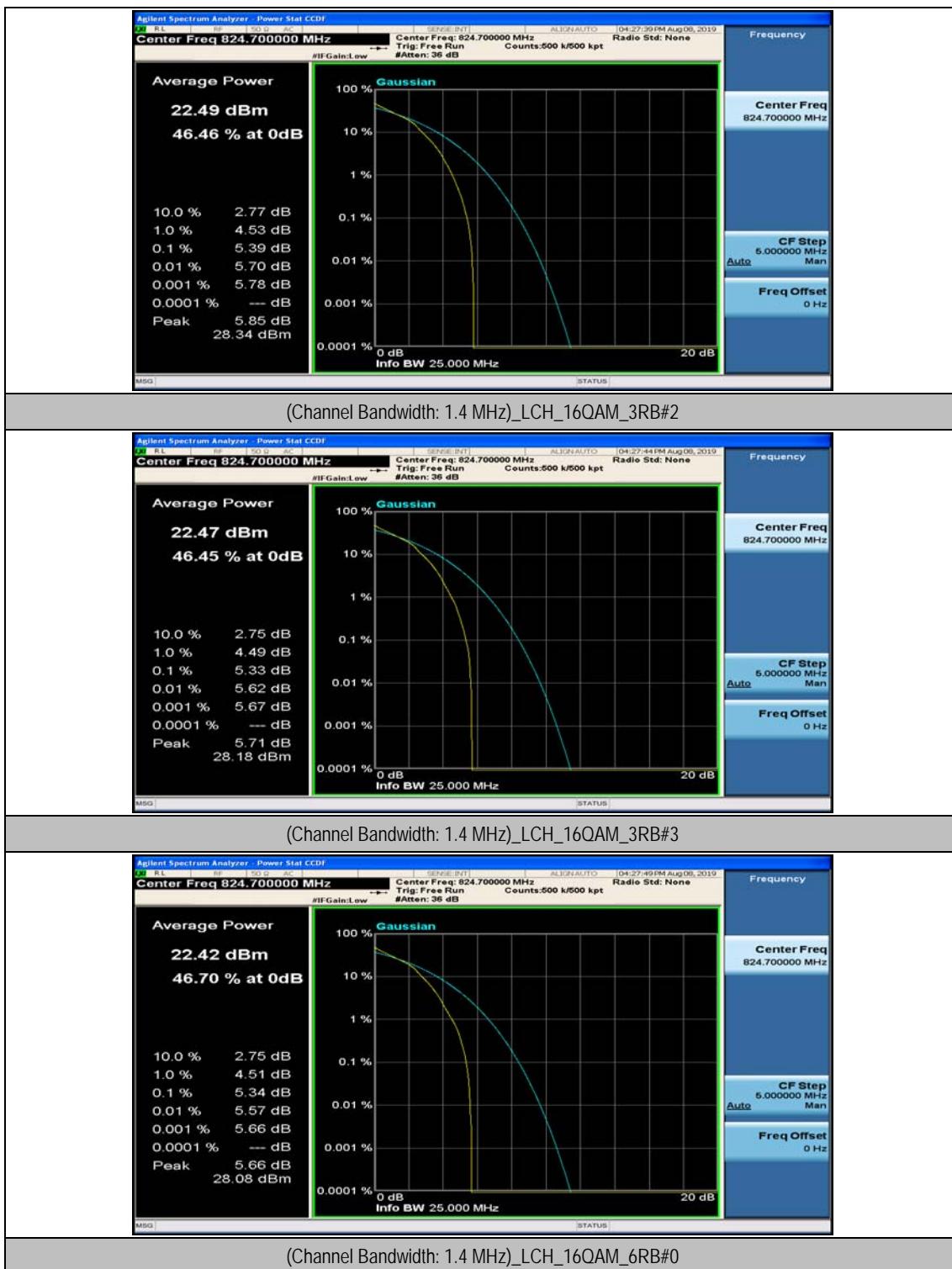


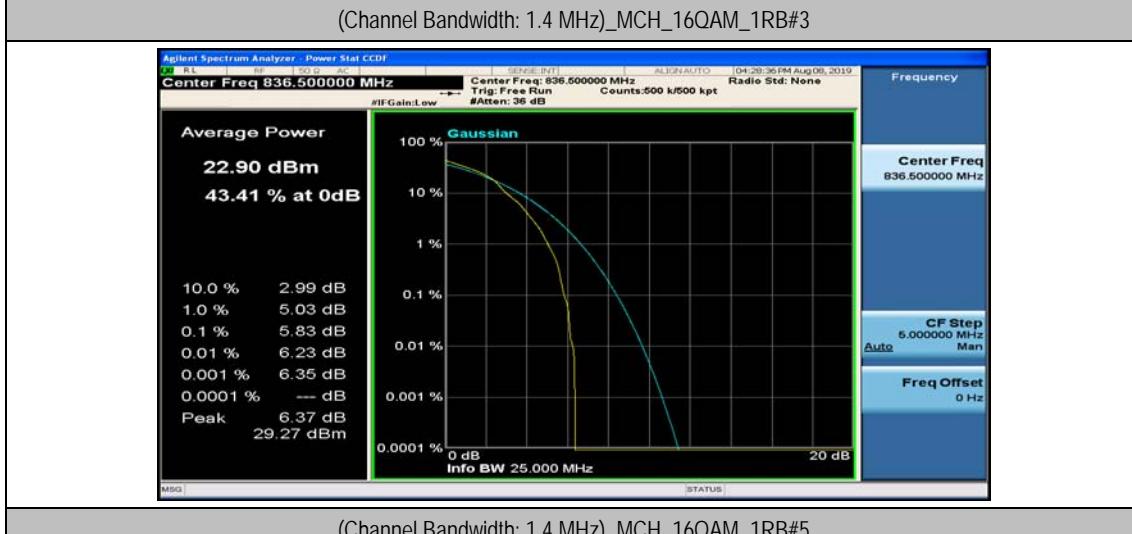
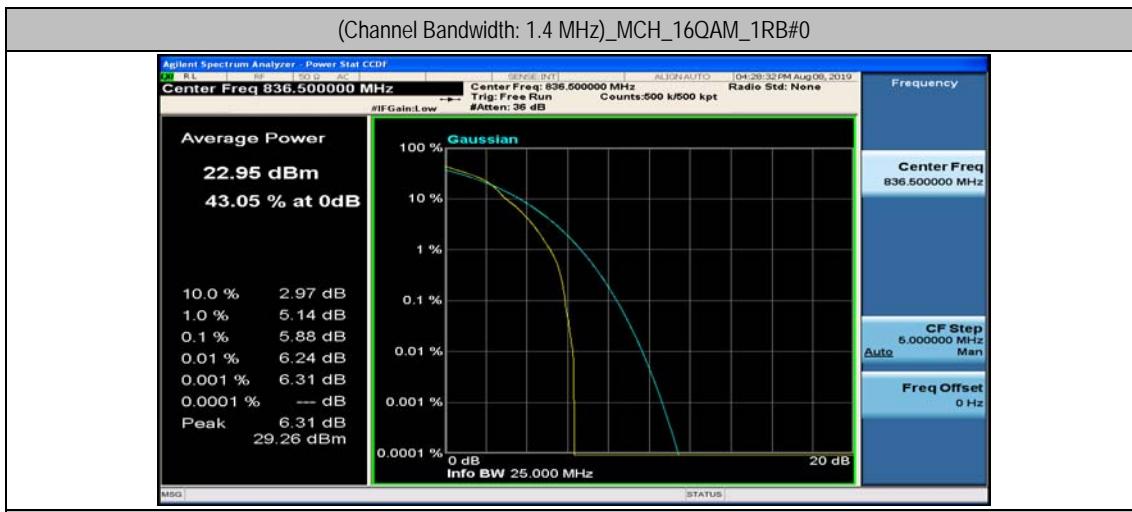
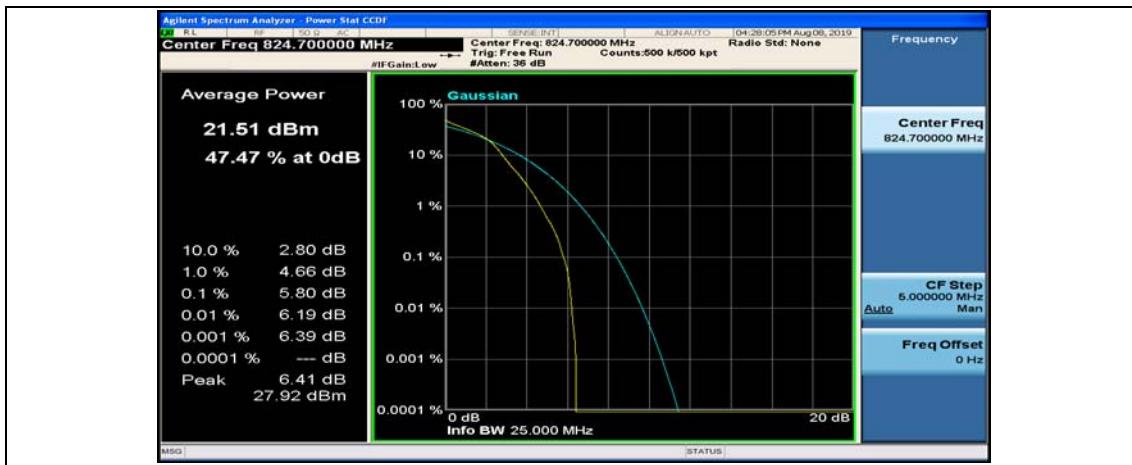


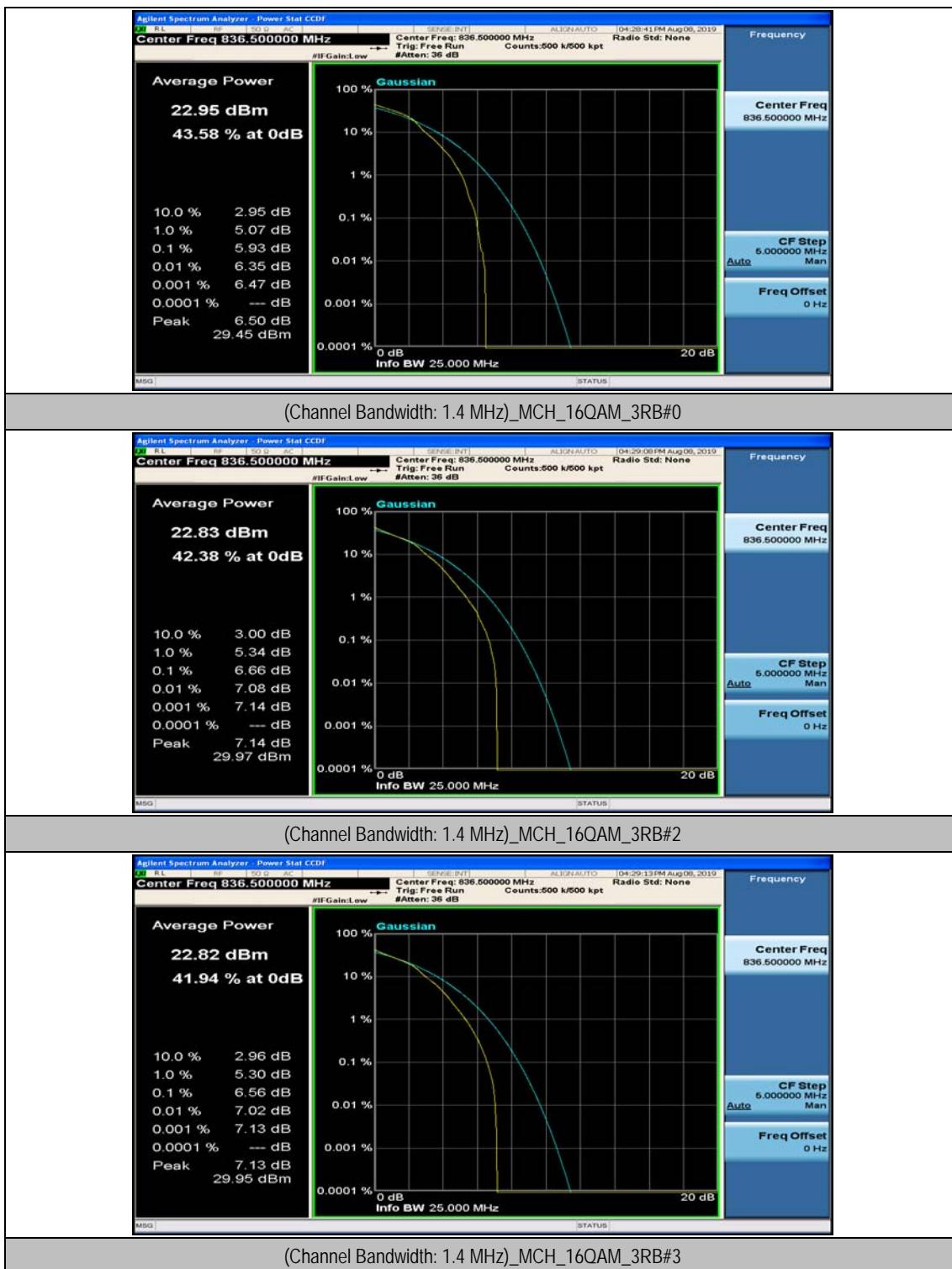


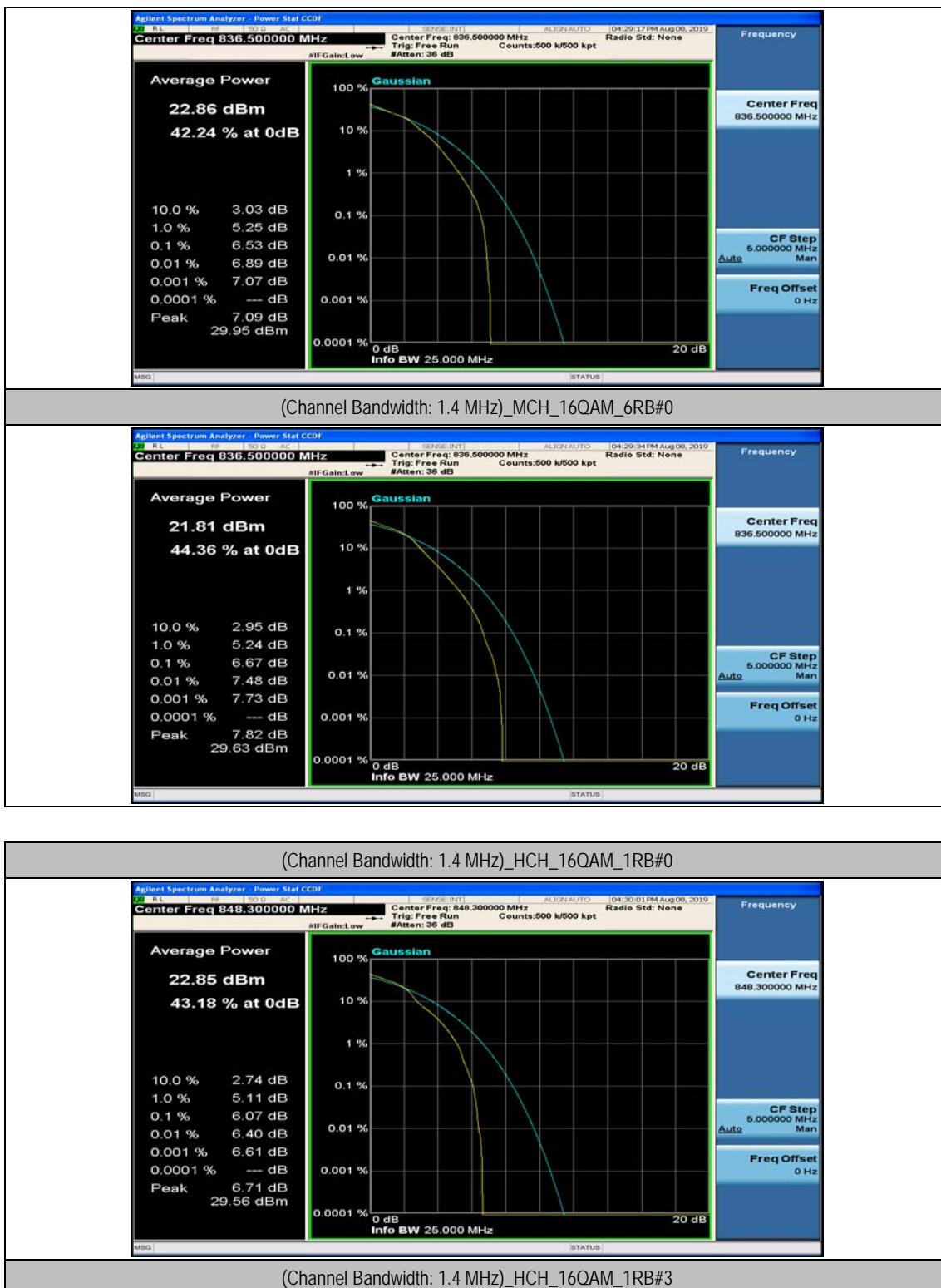


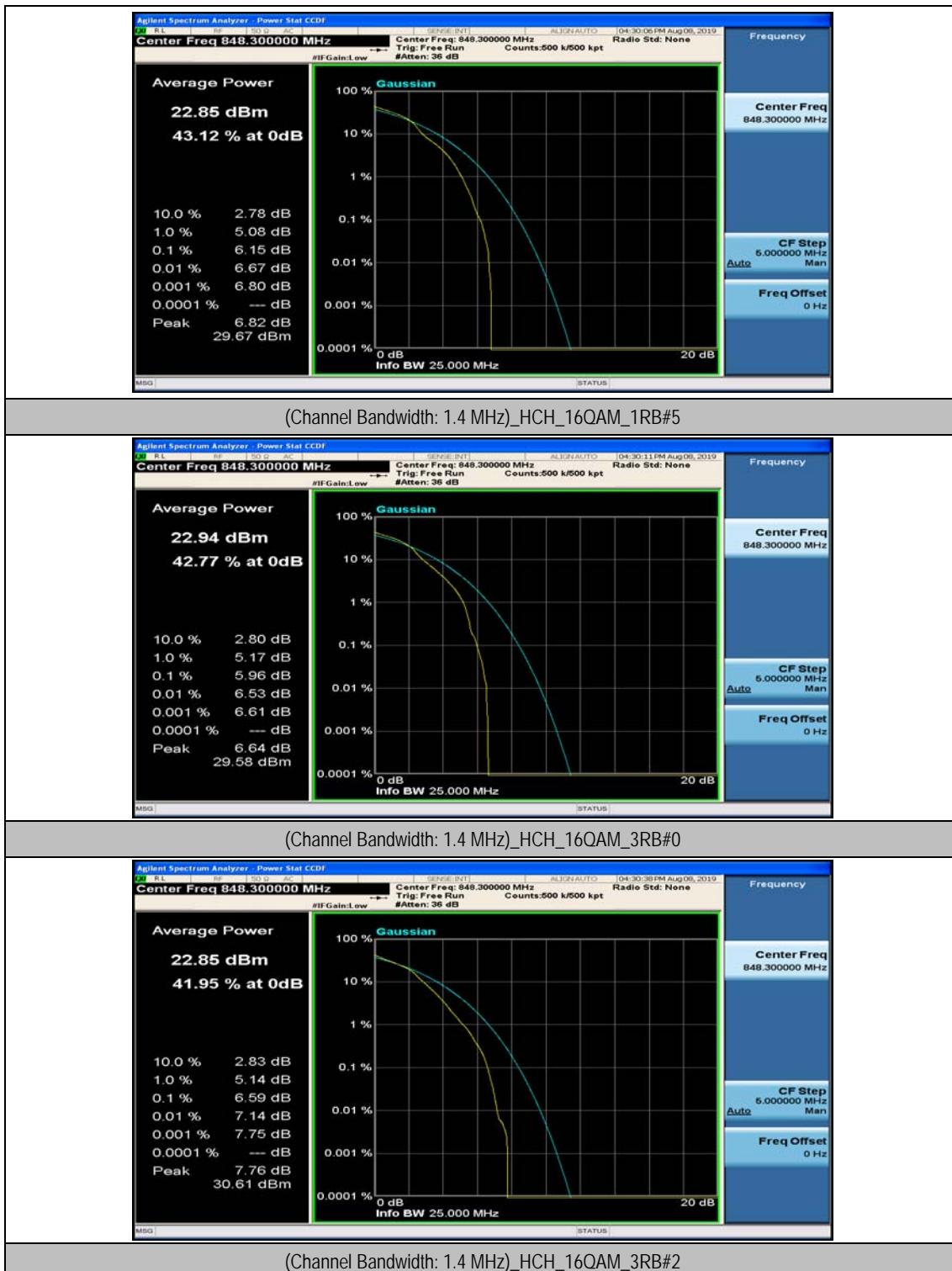


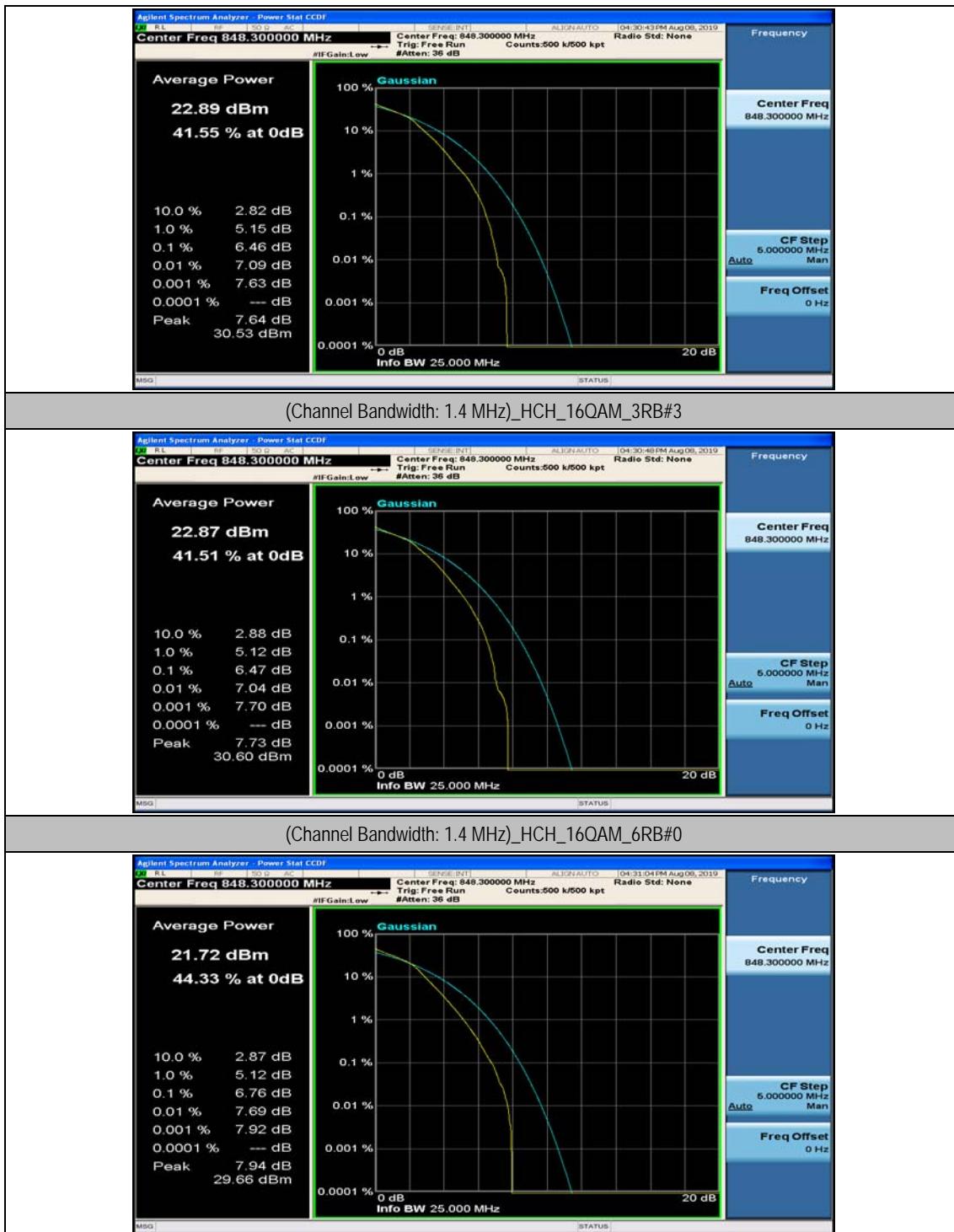




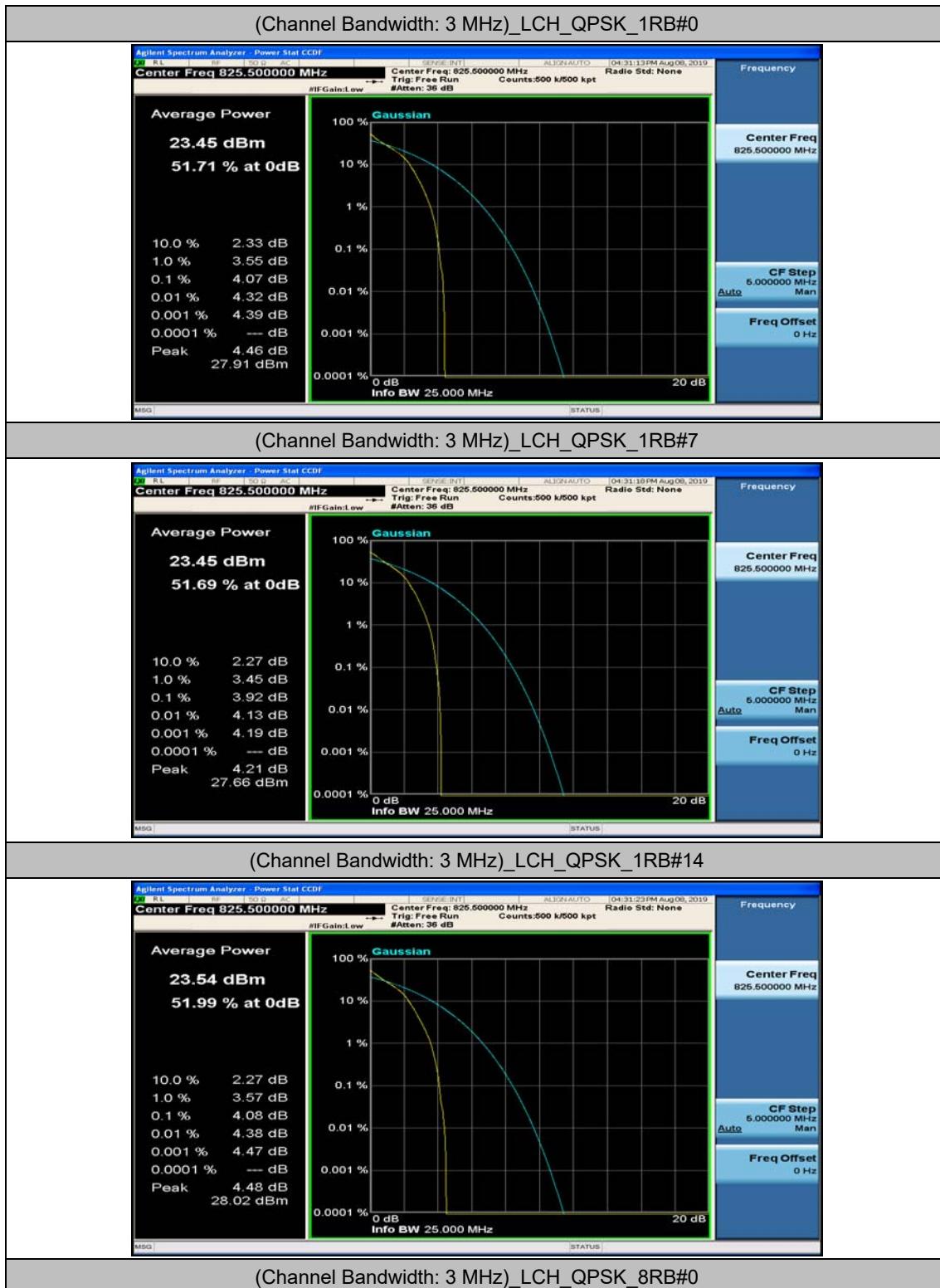


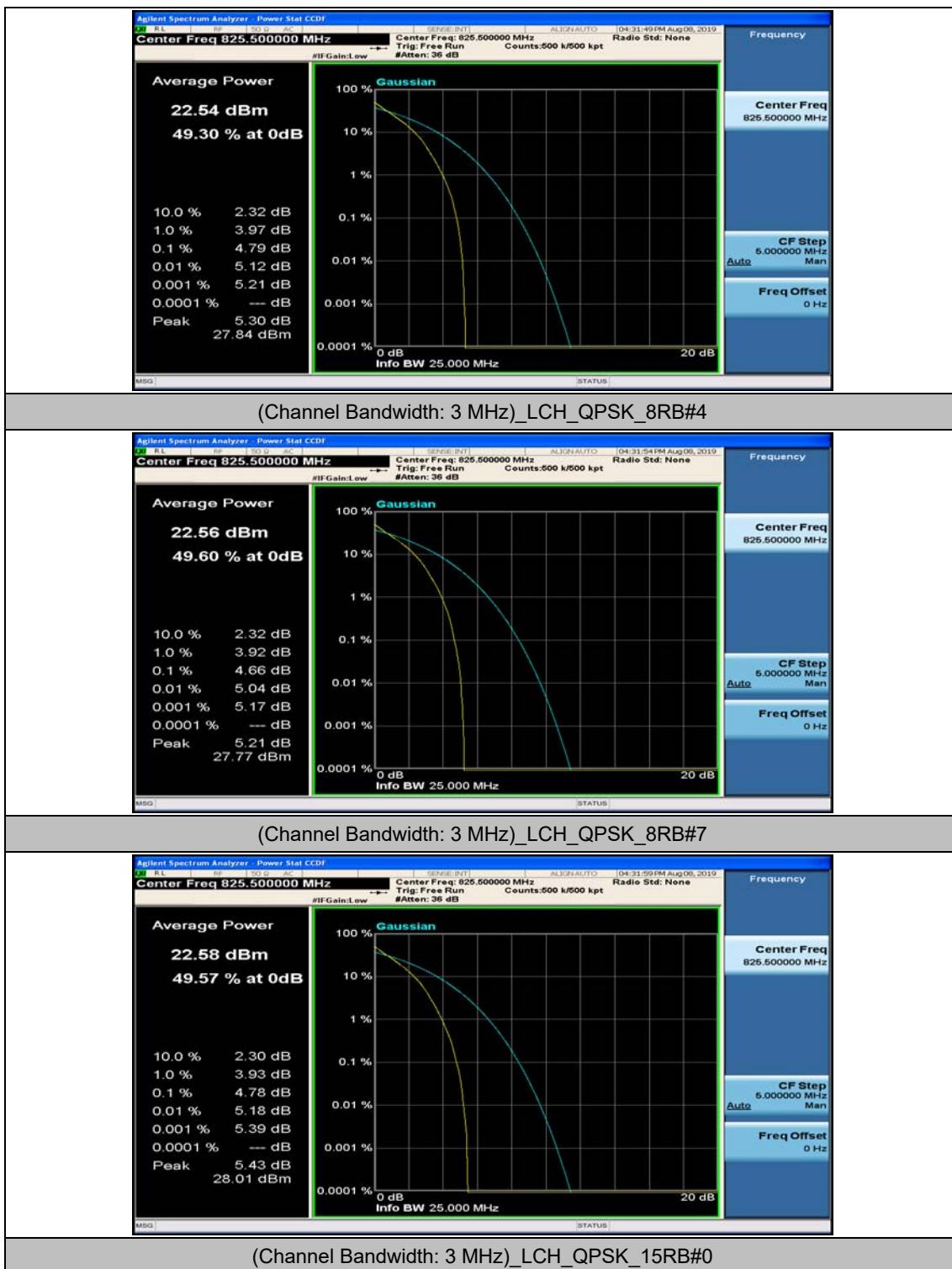


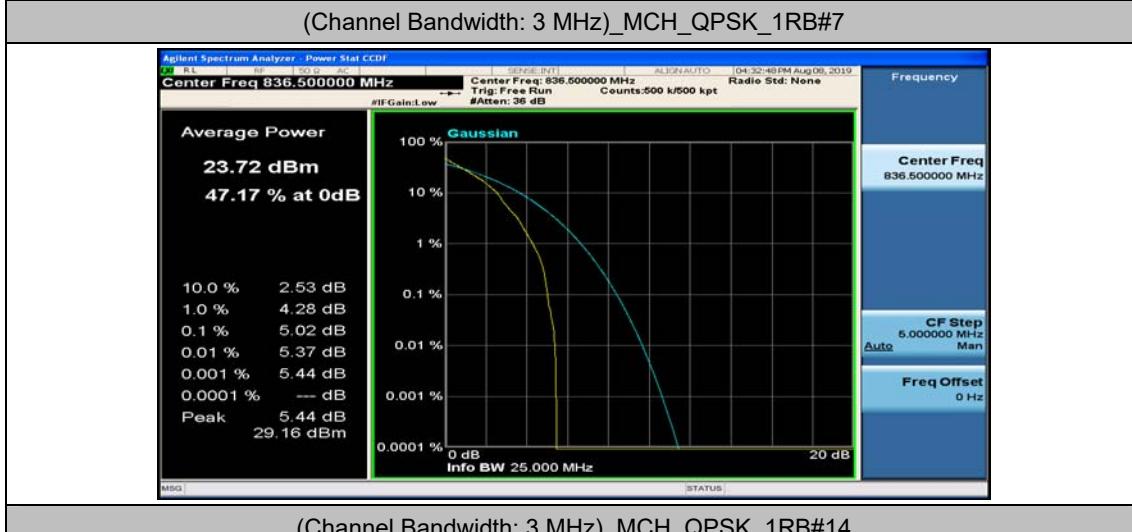
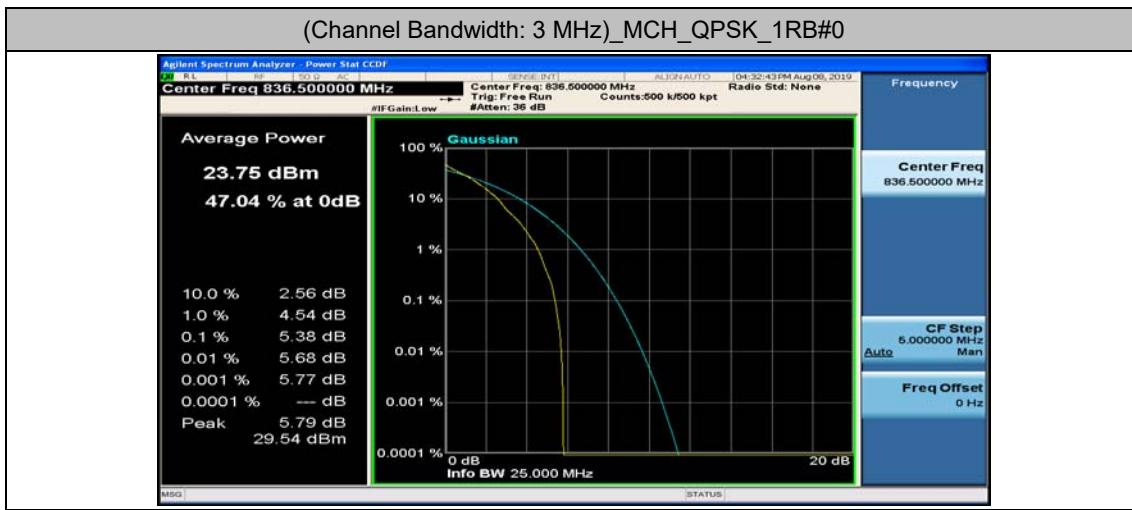
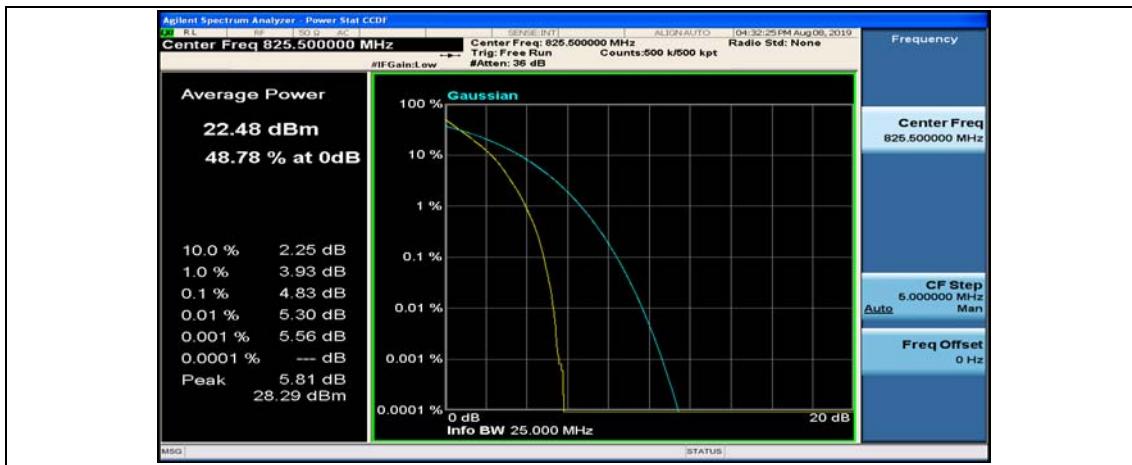




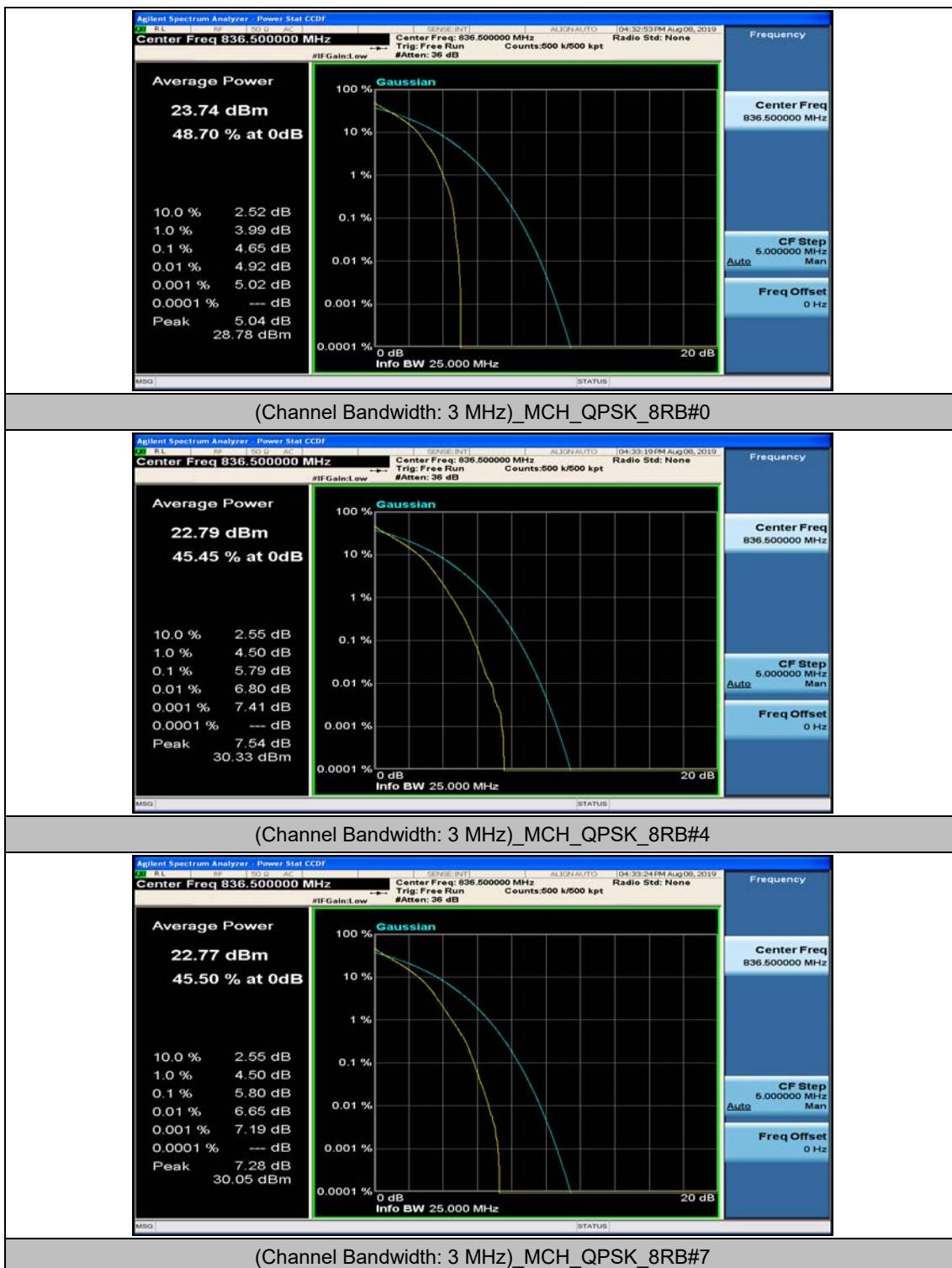
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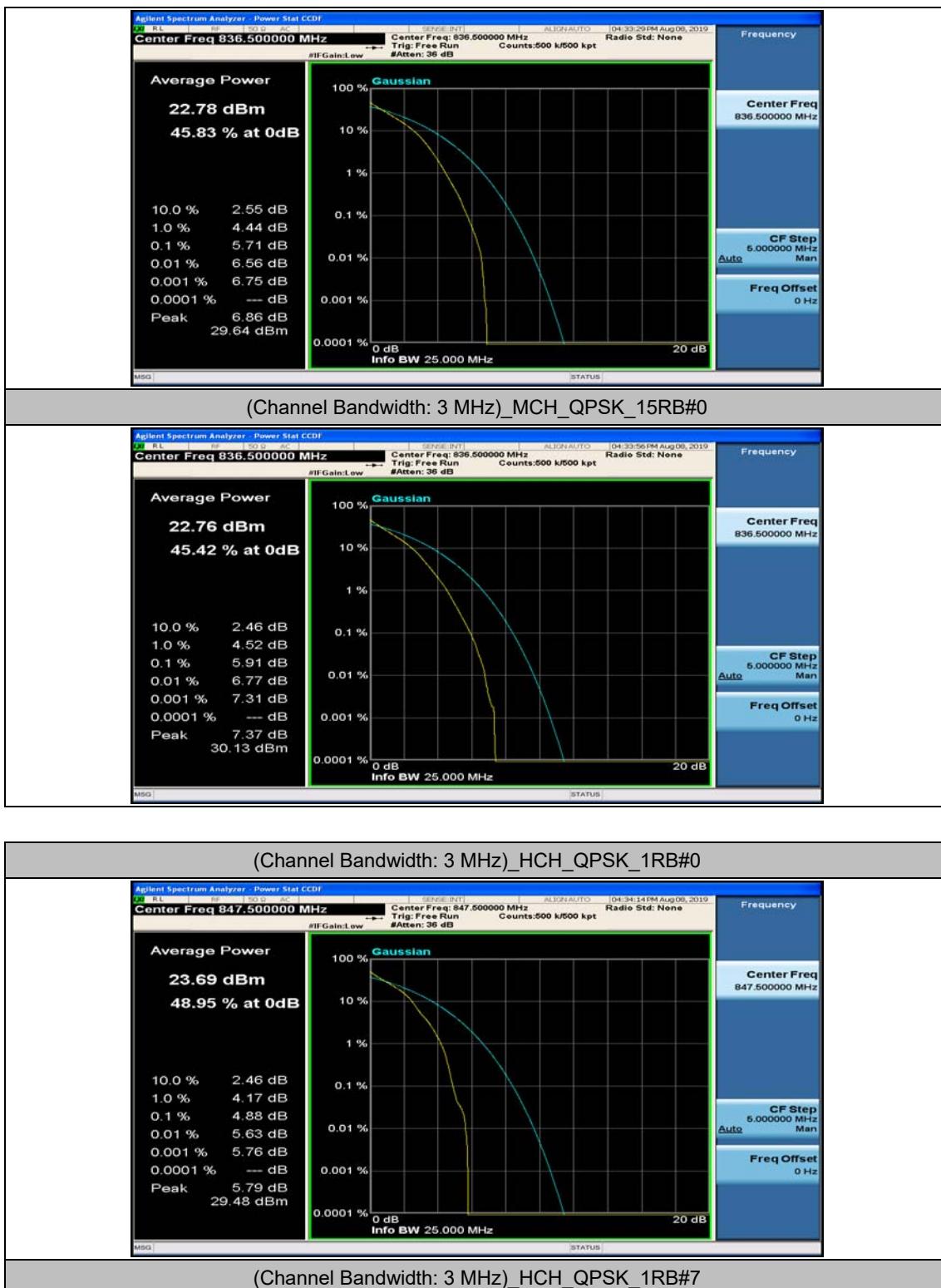


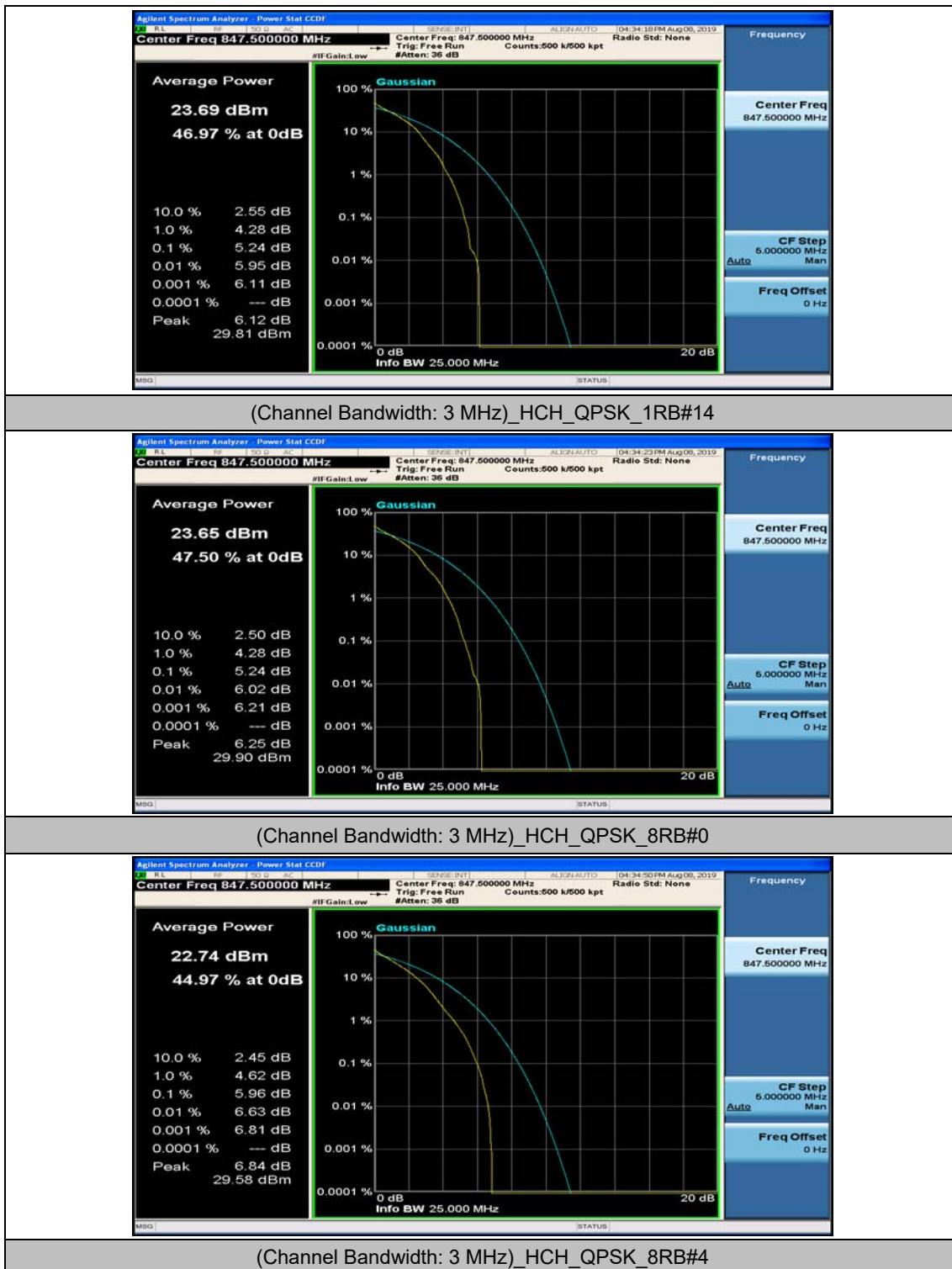


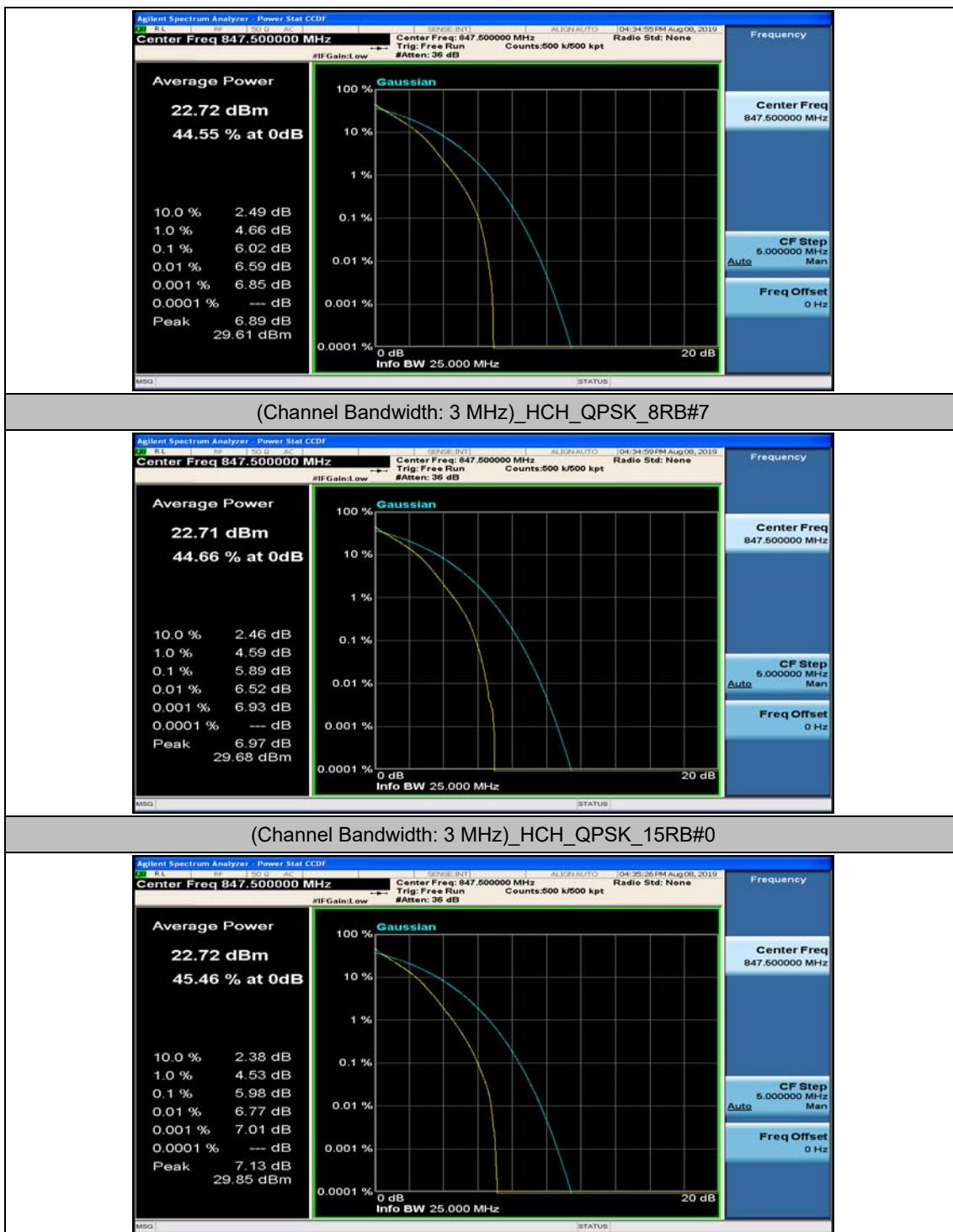


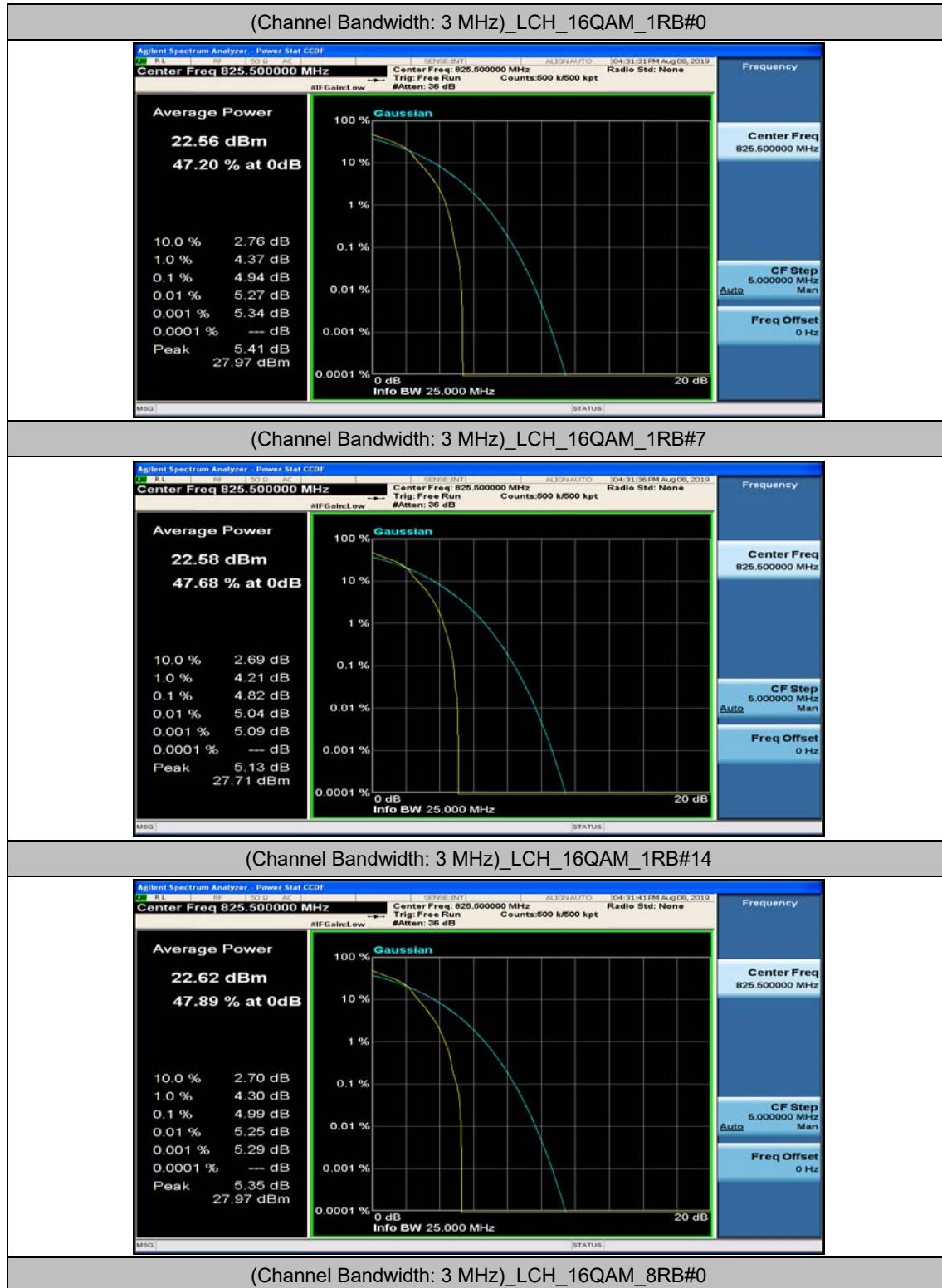
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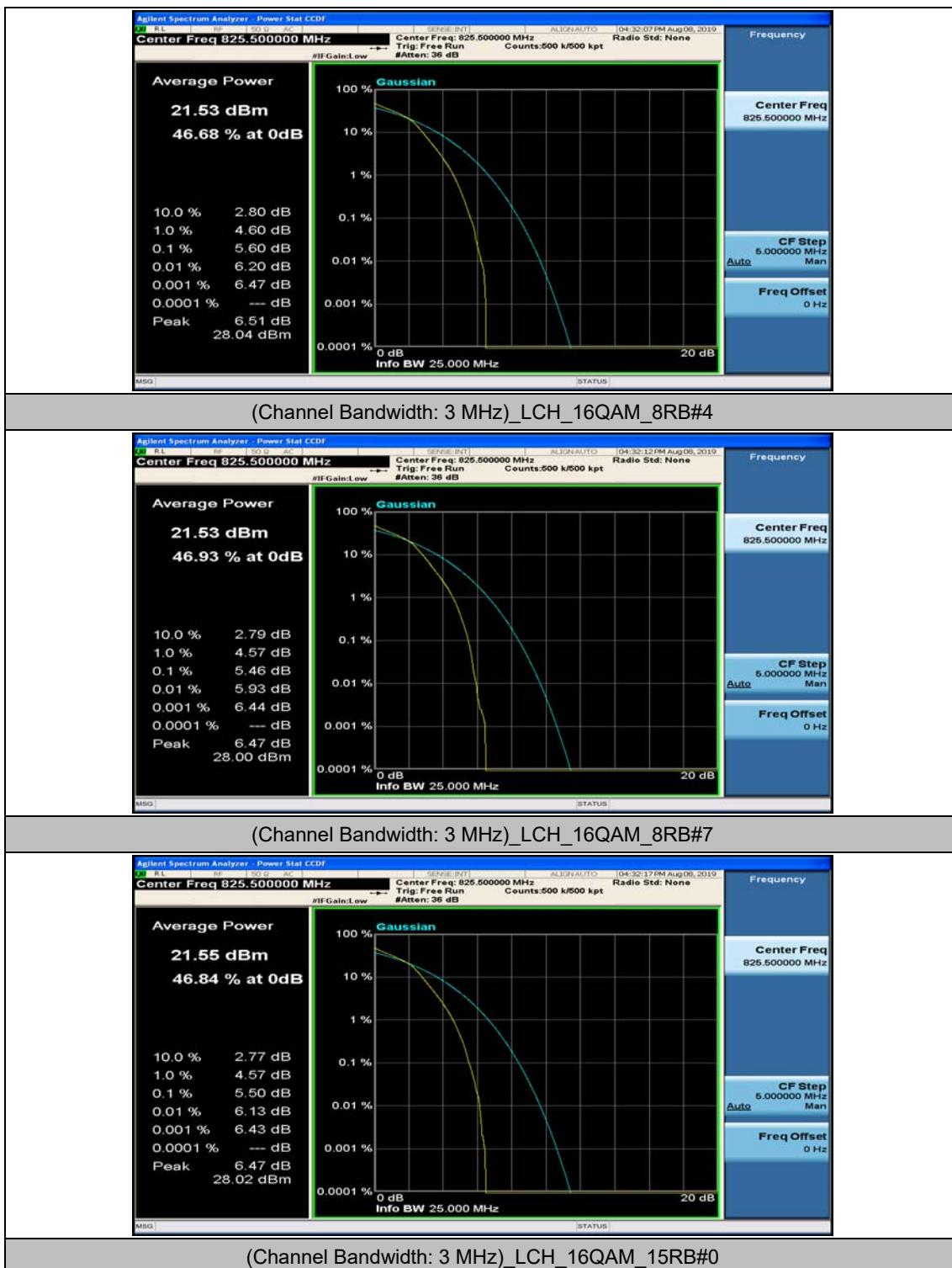


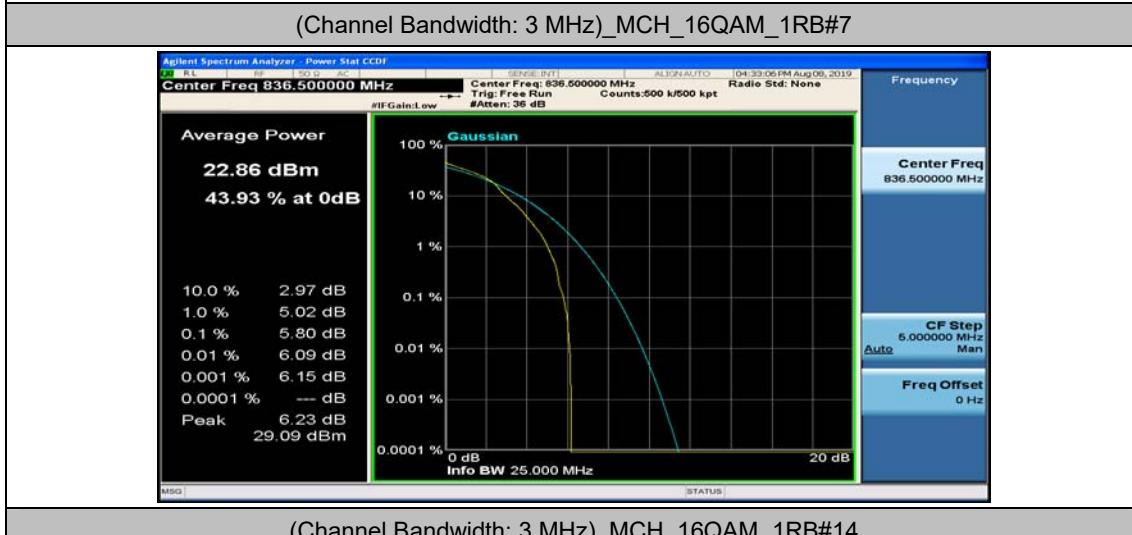
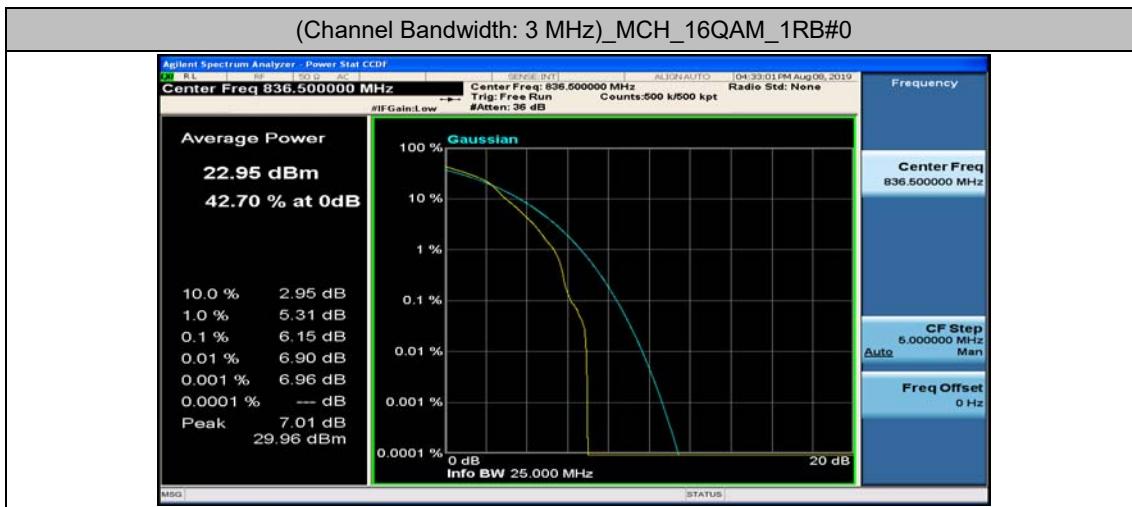
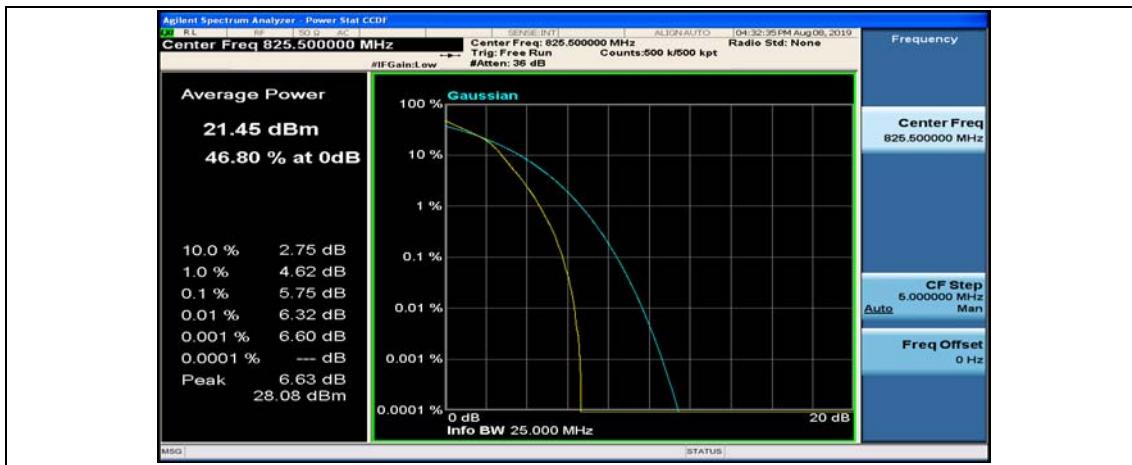




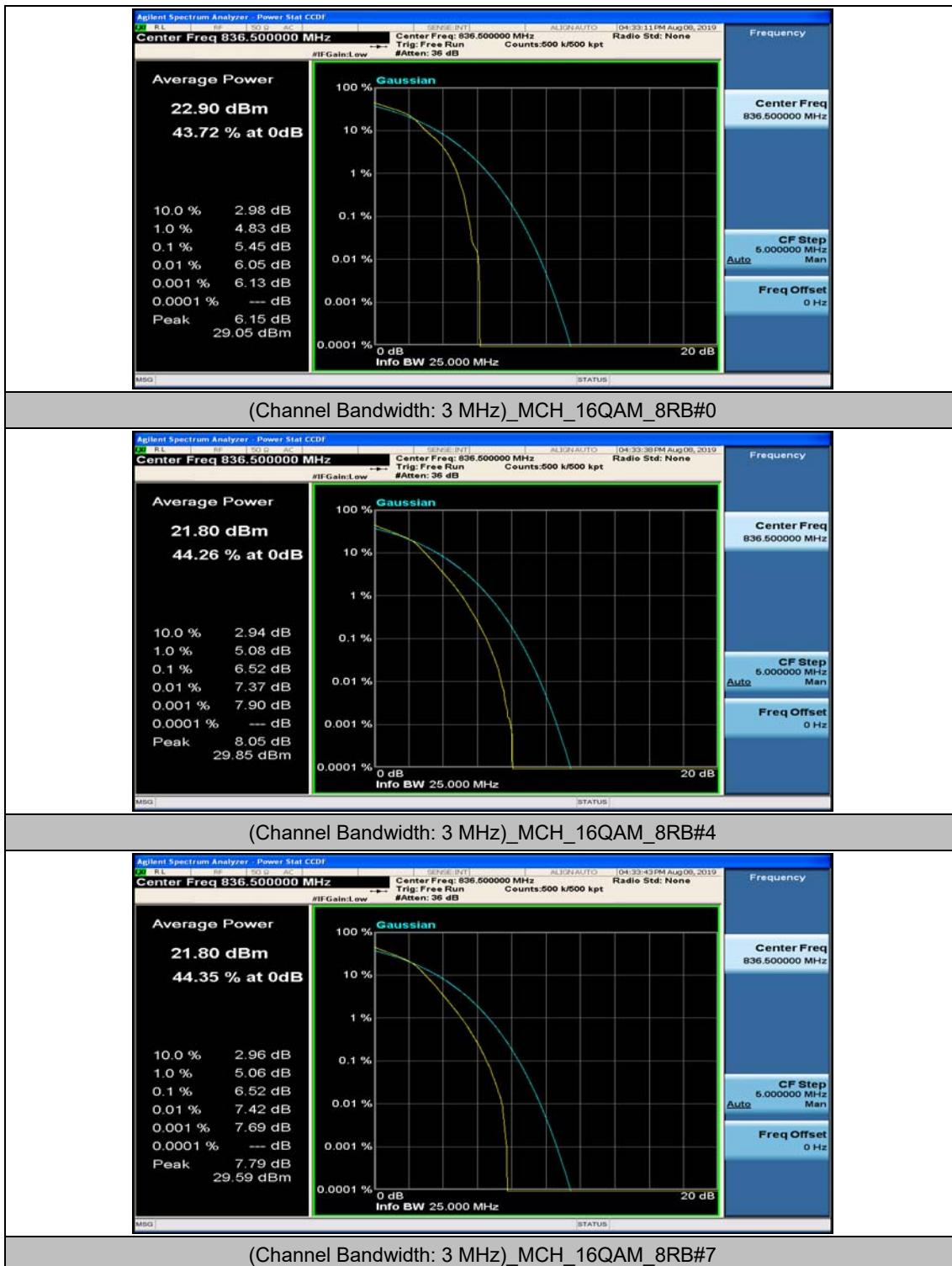


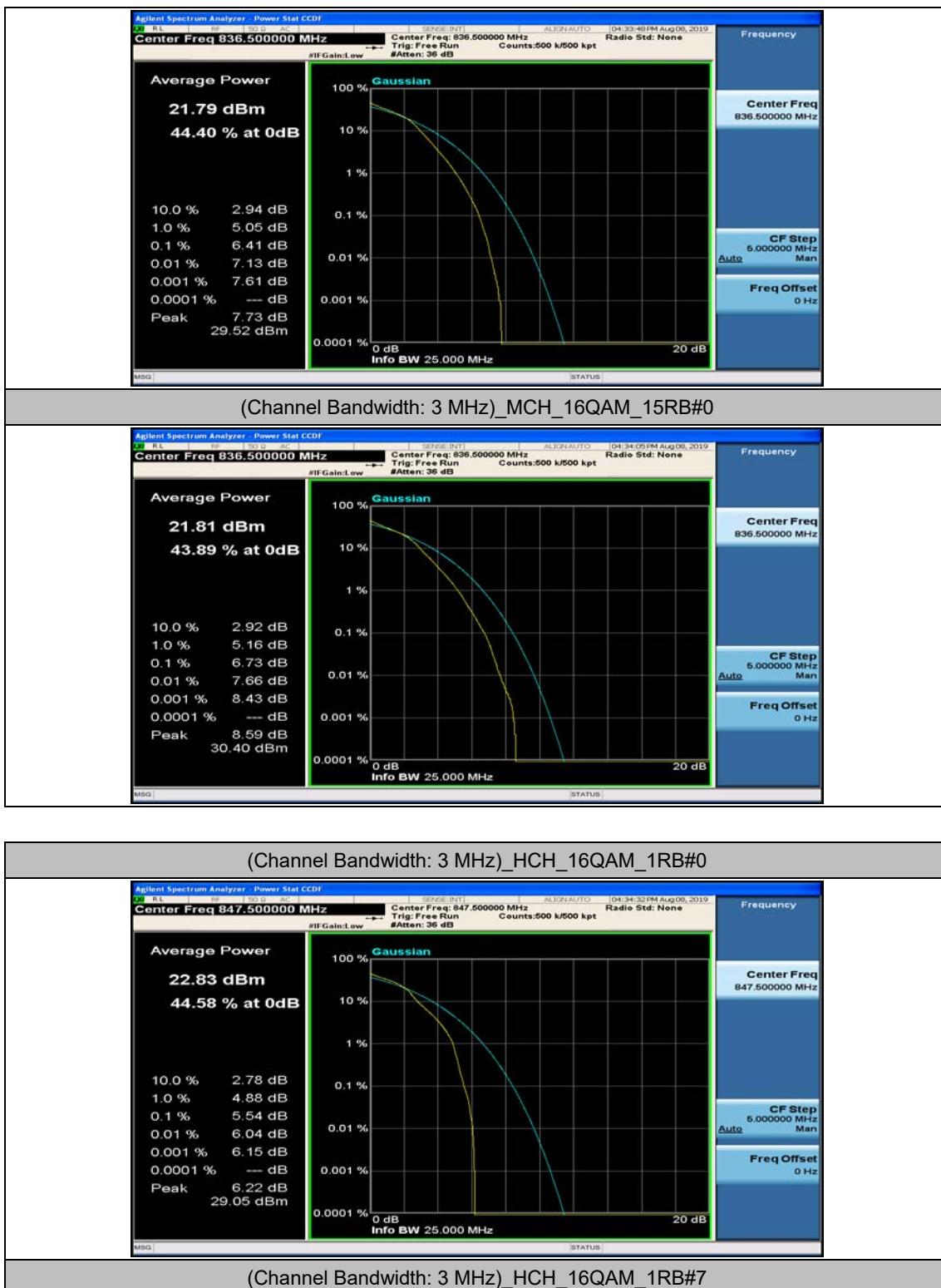


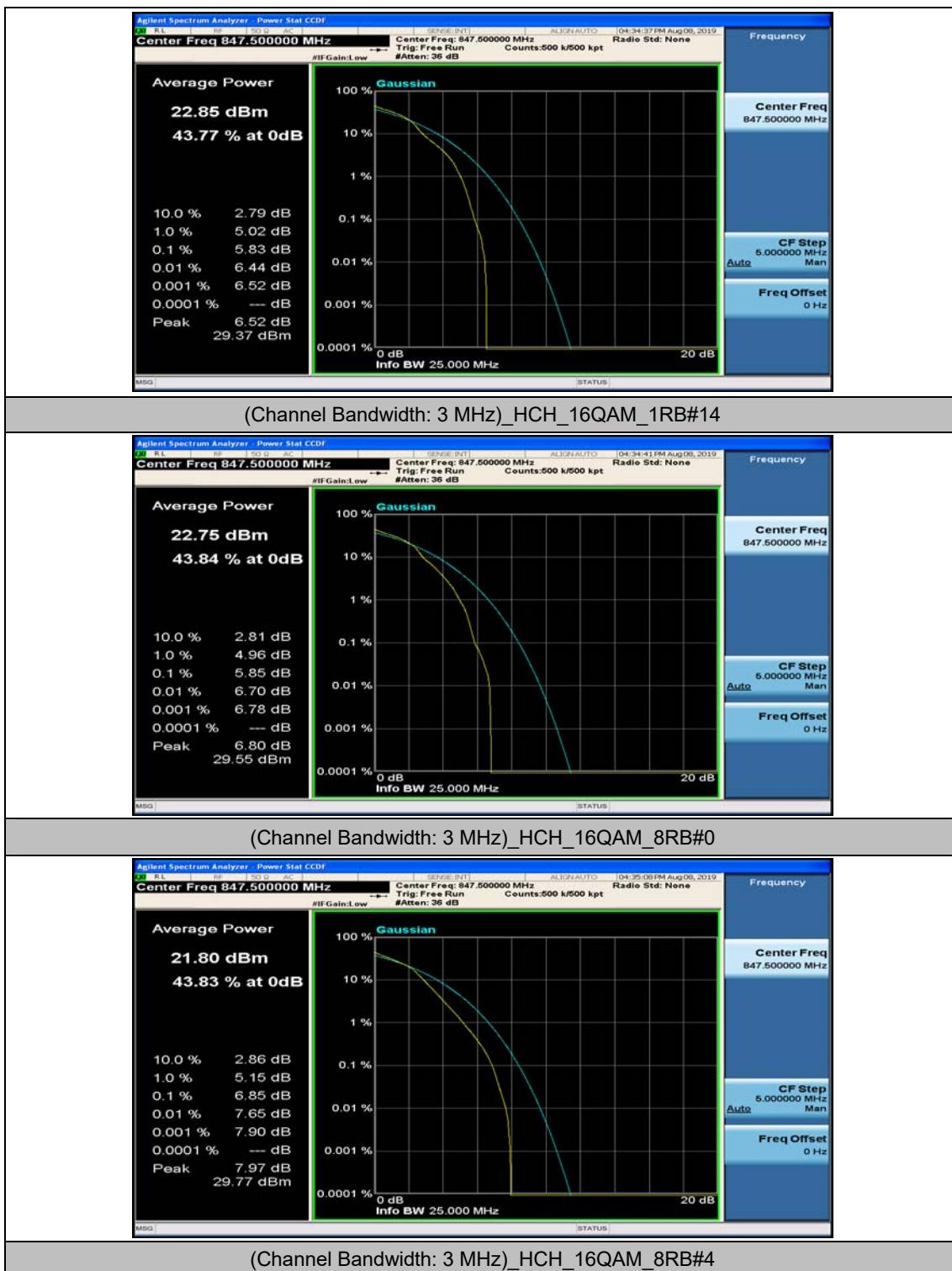


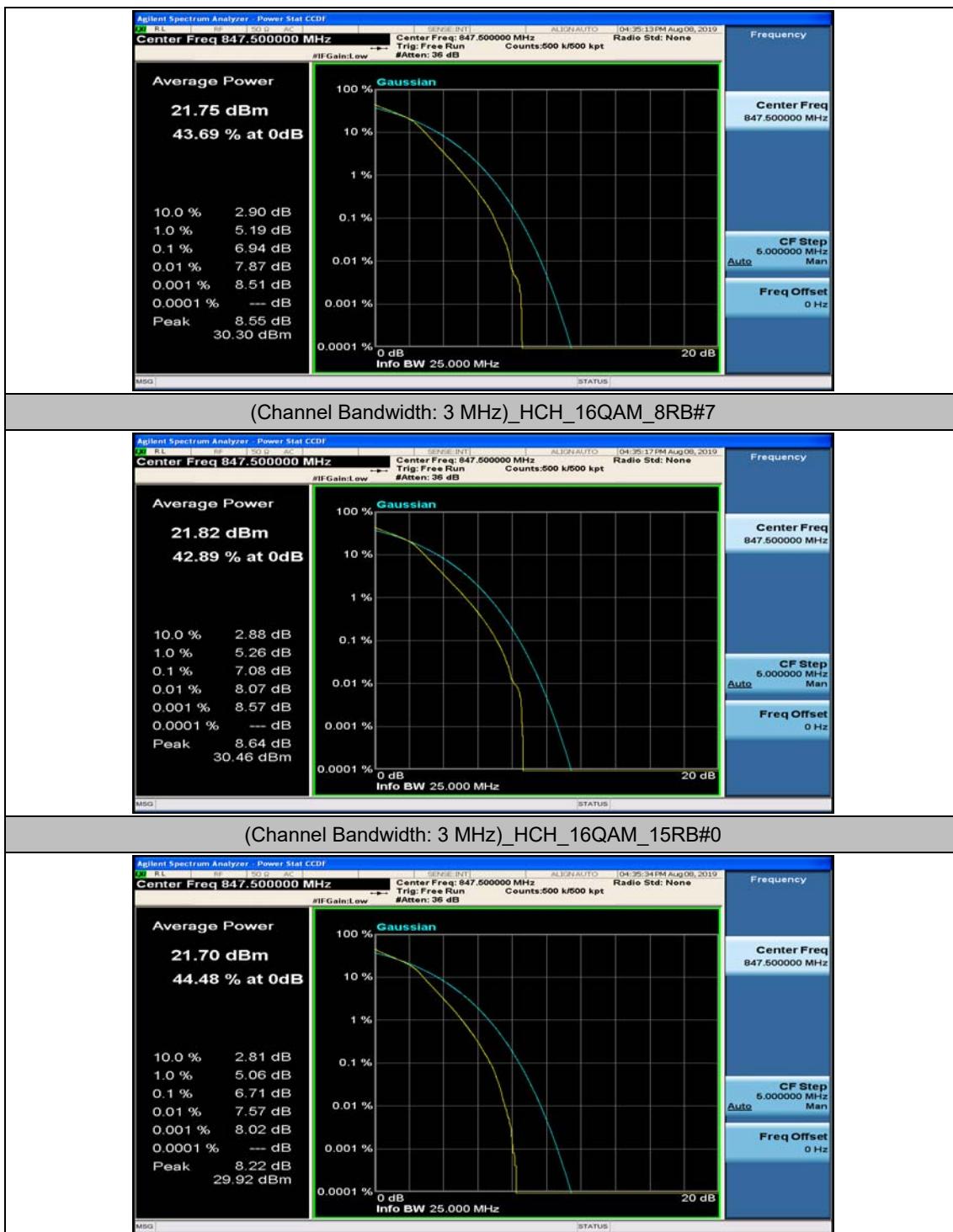


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14

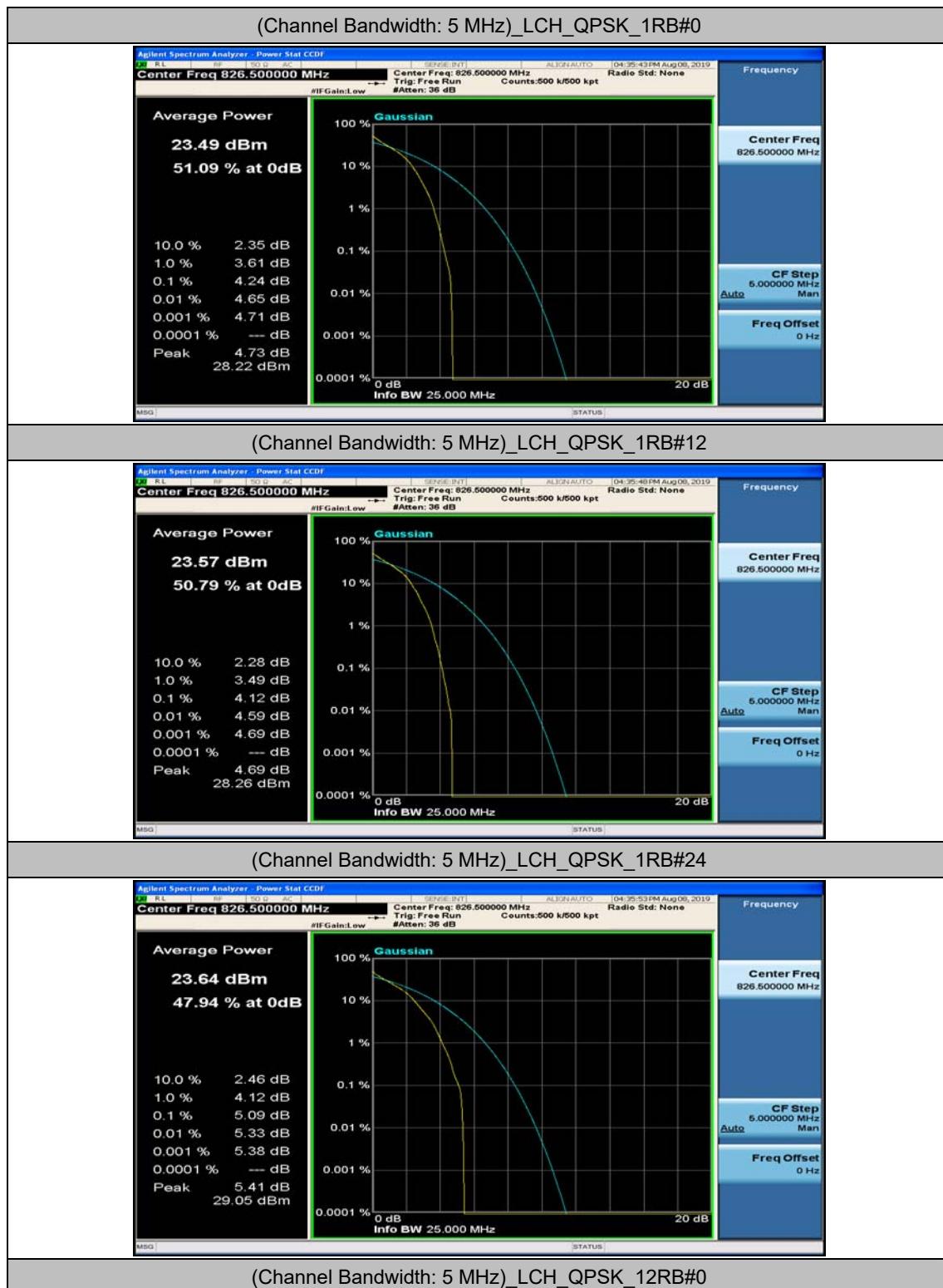


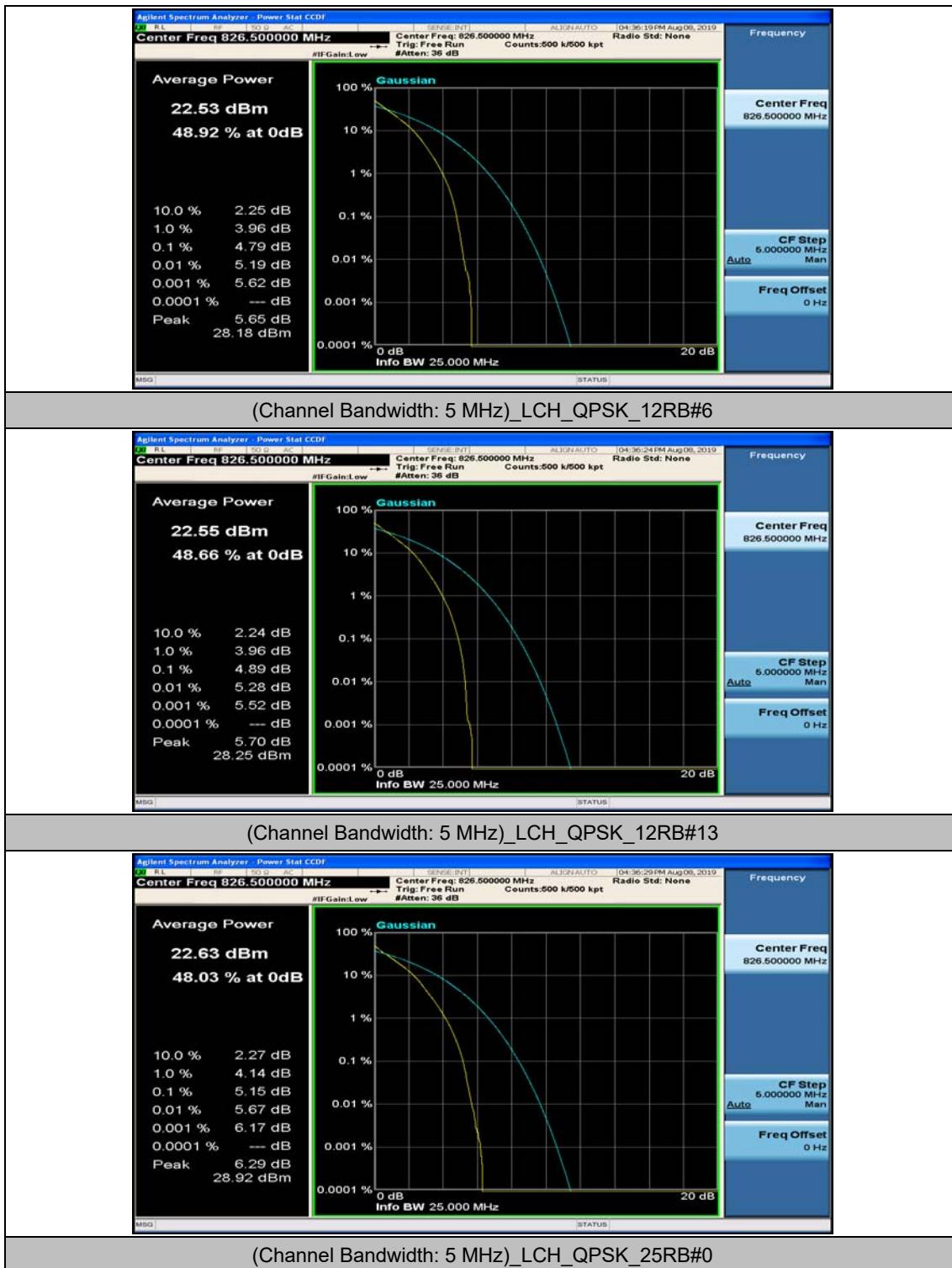


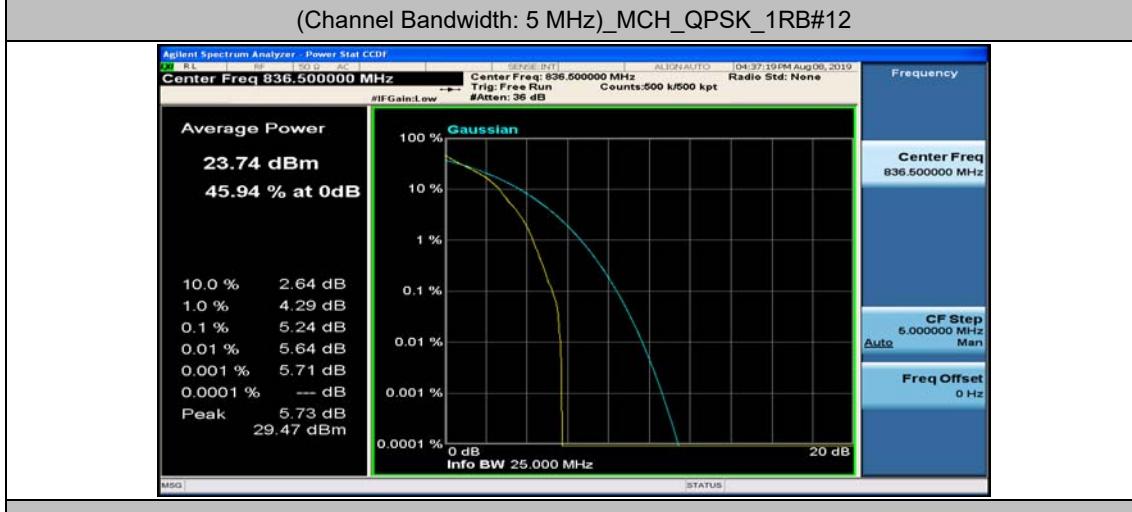
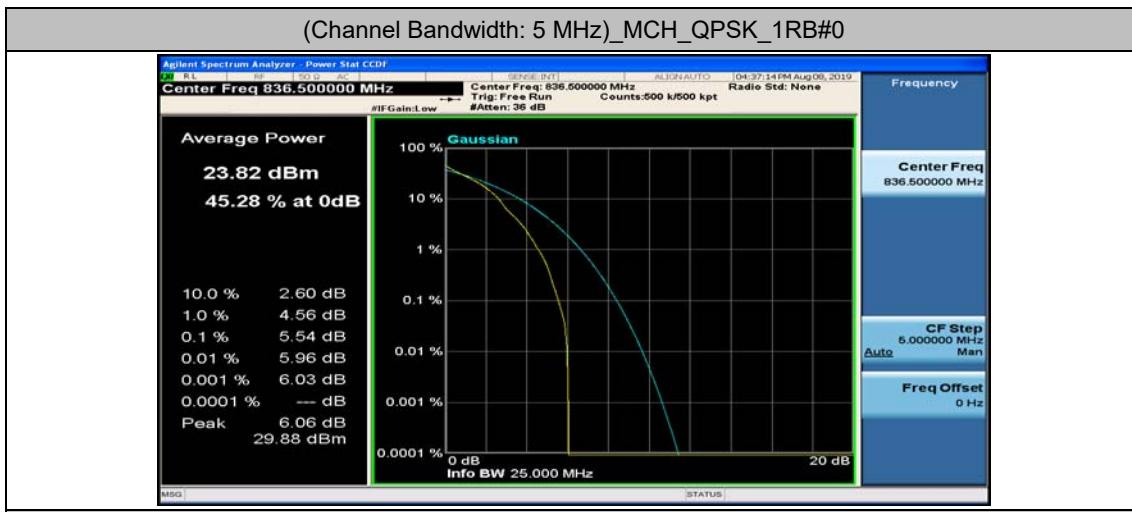
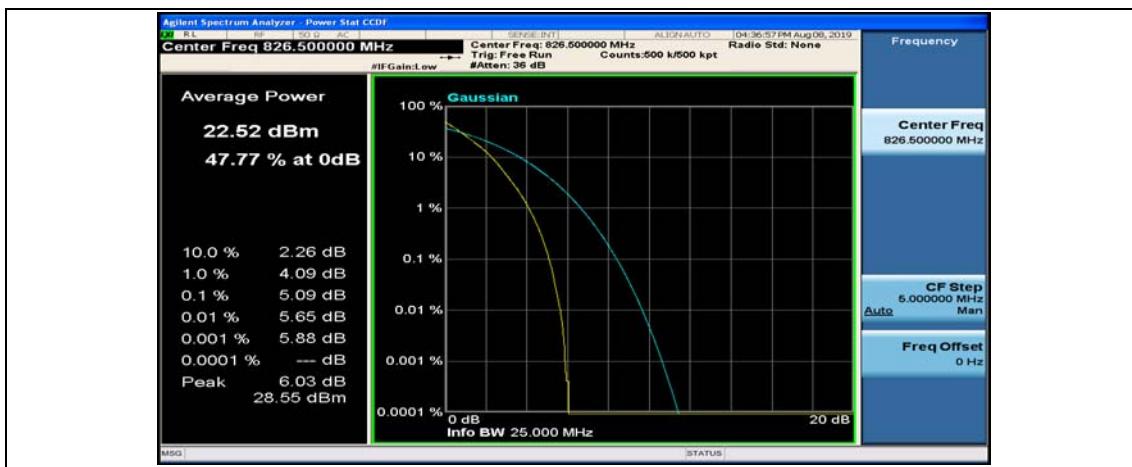




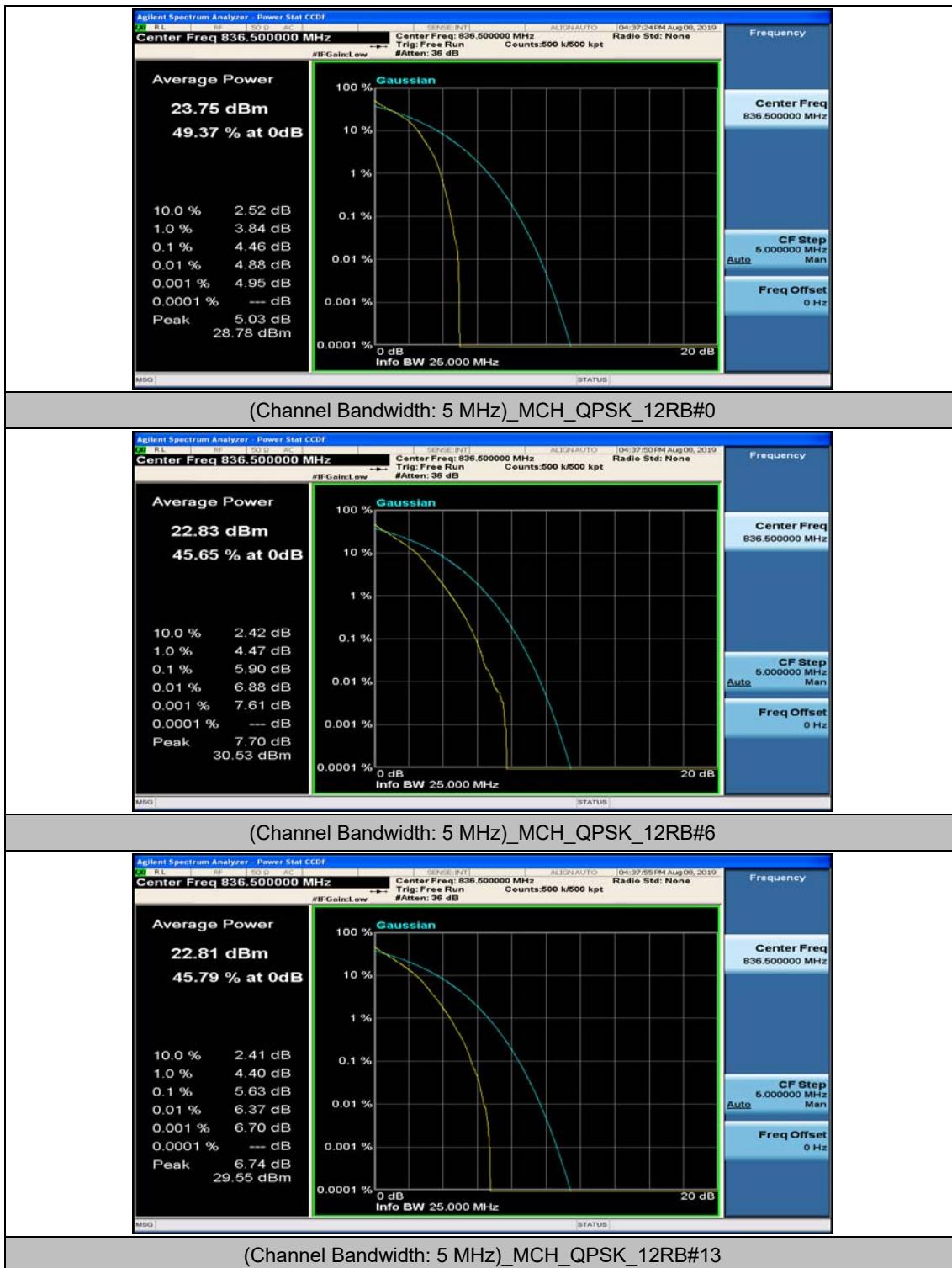
Channel Bandwidth: 5 MHz

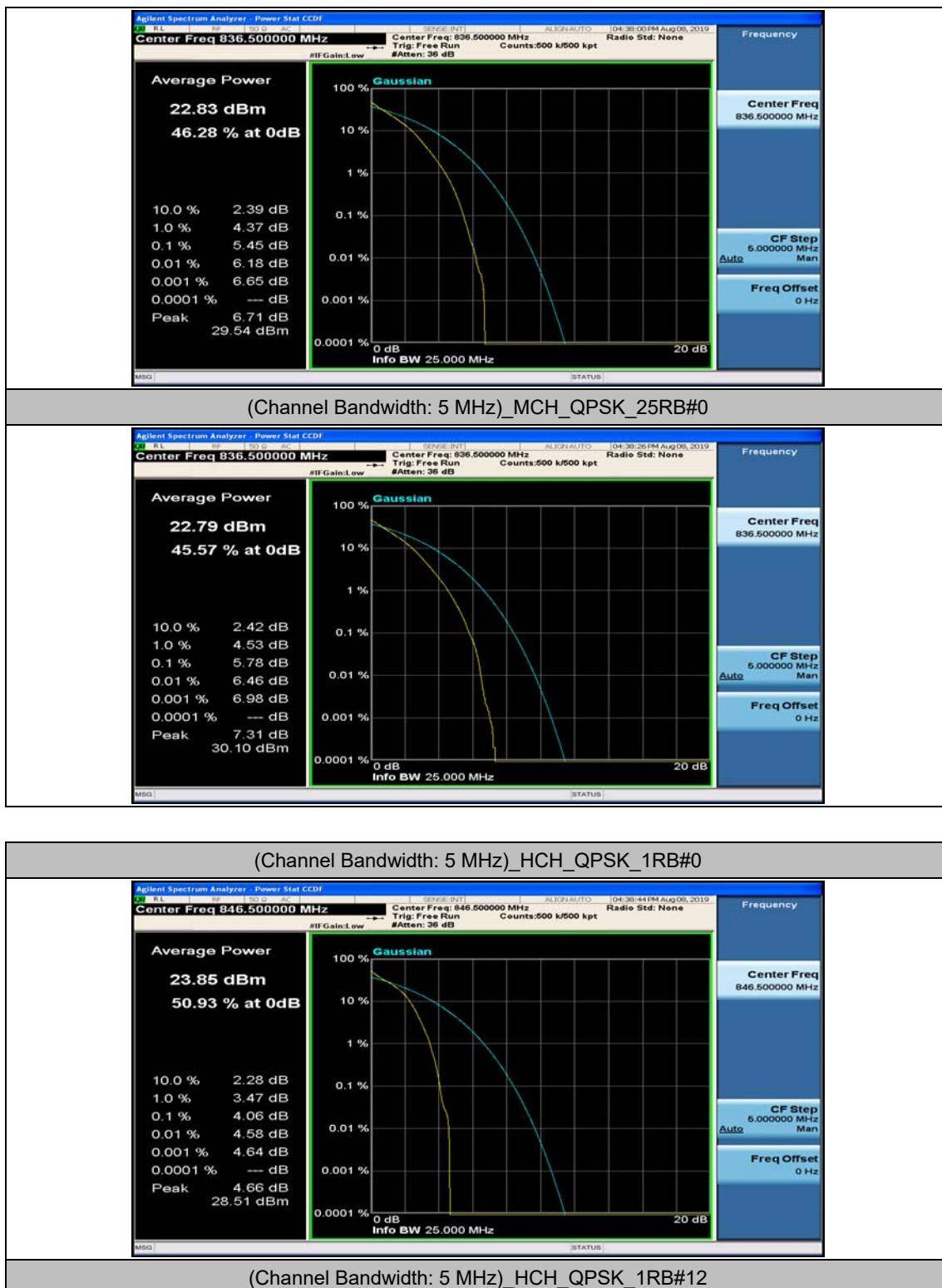


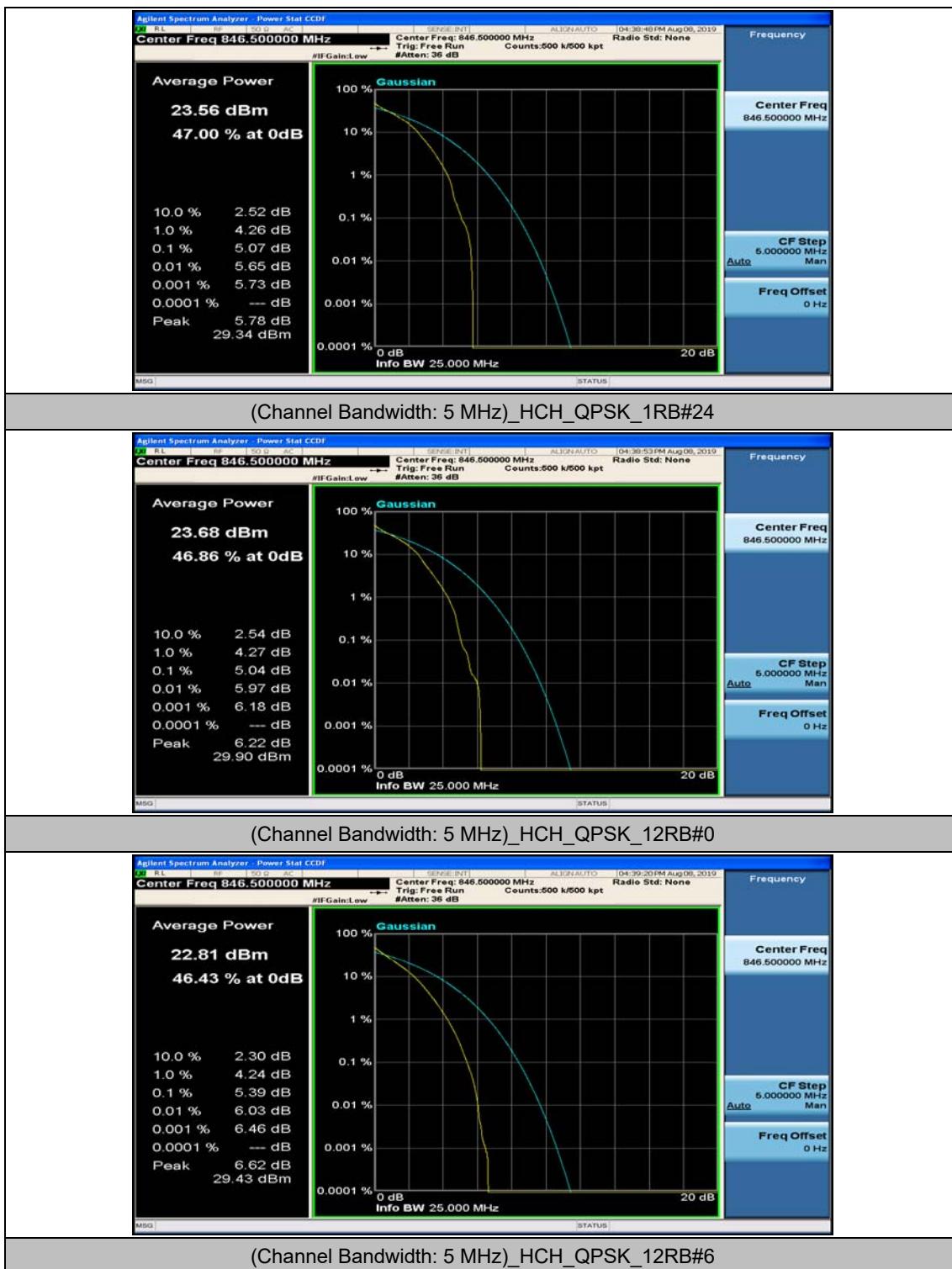


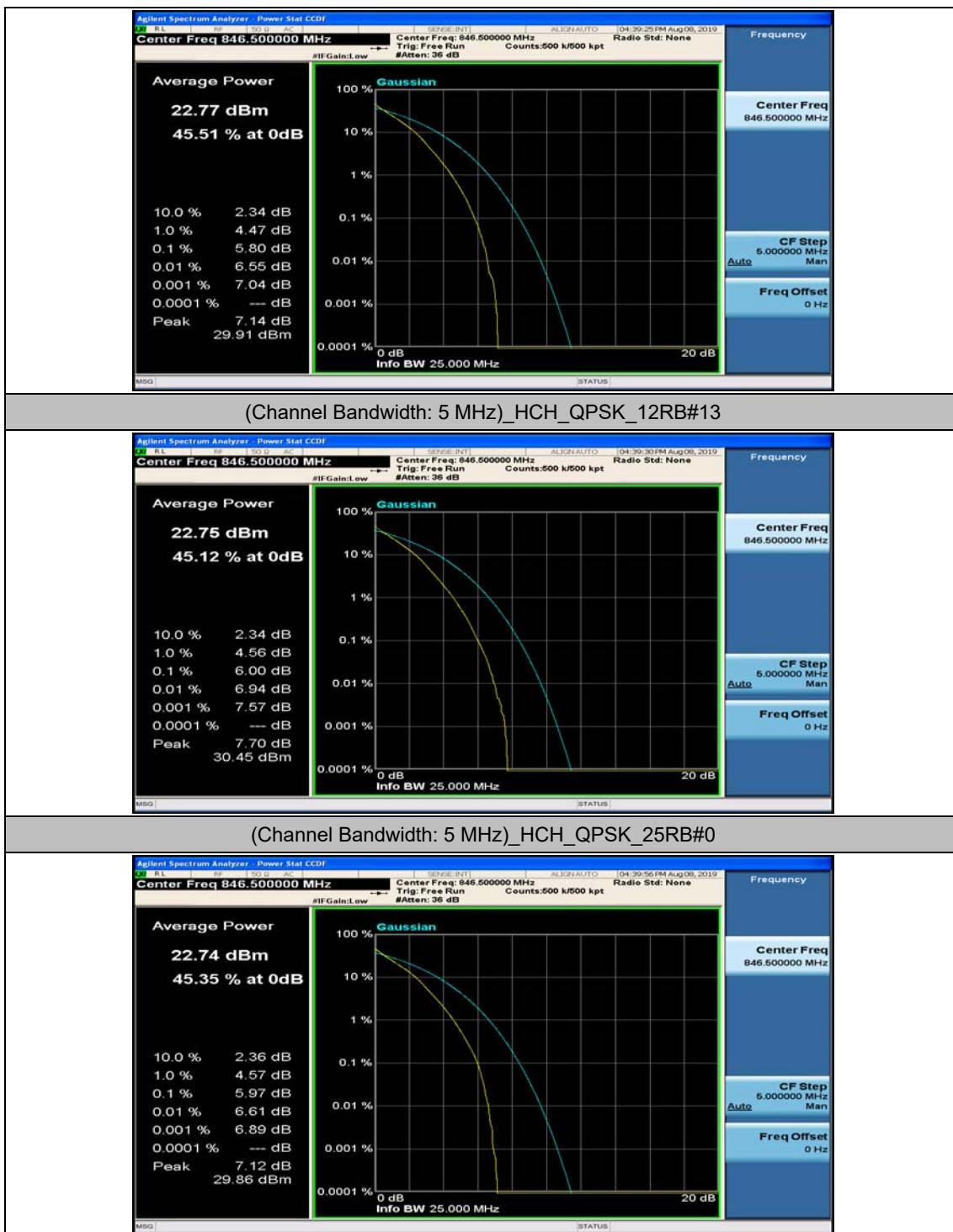


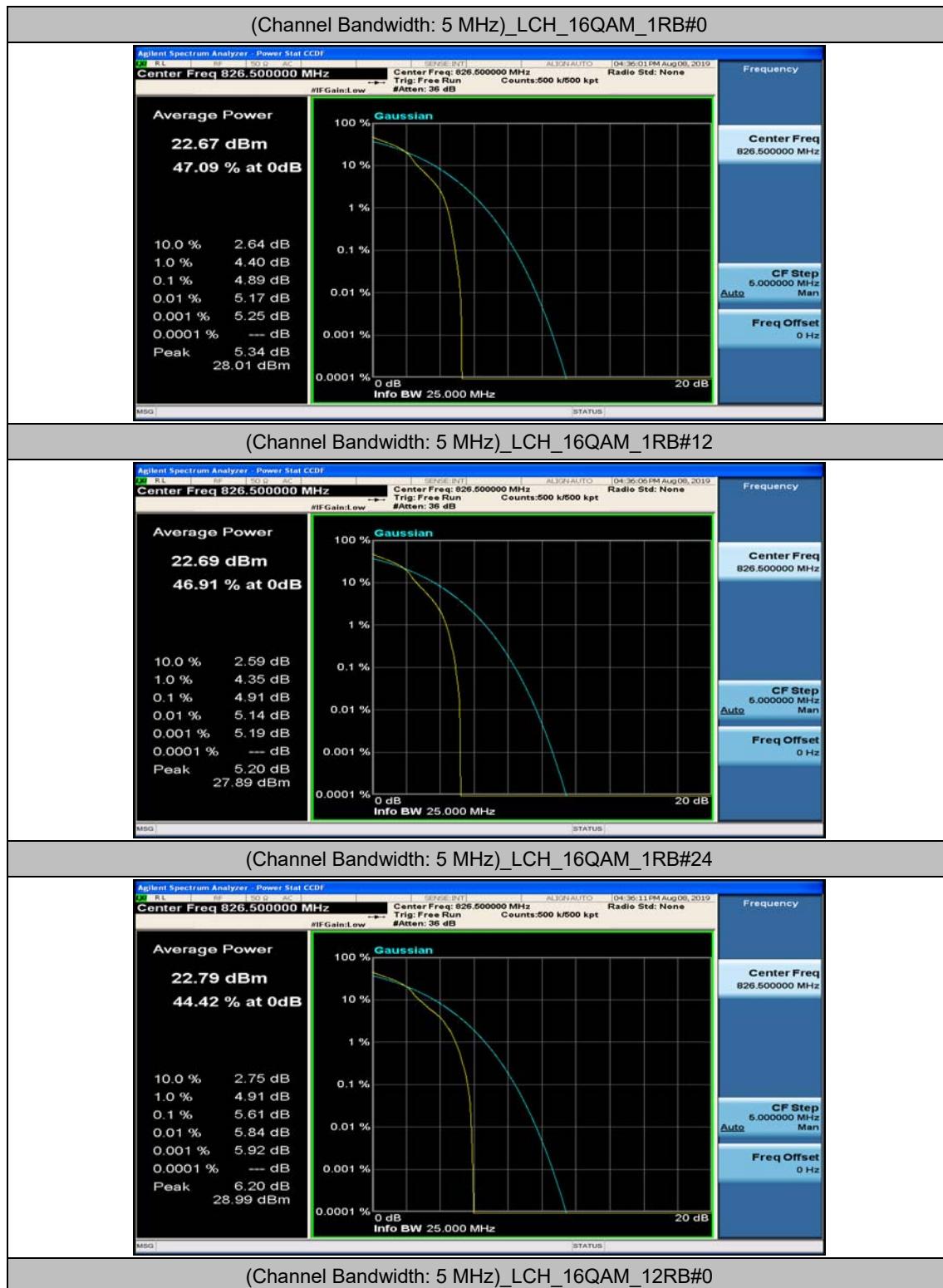
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24

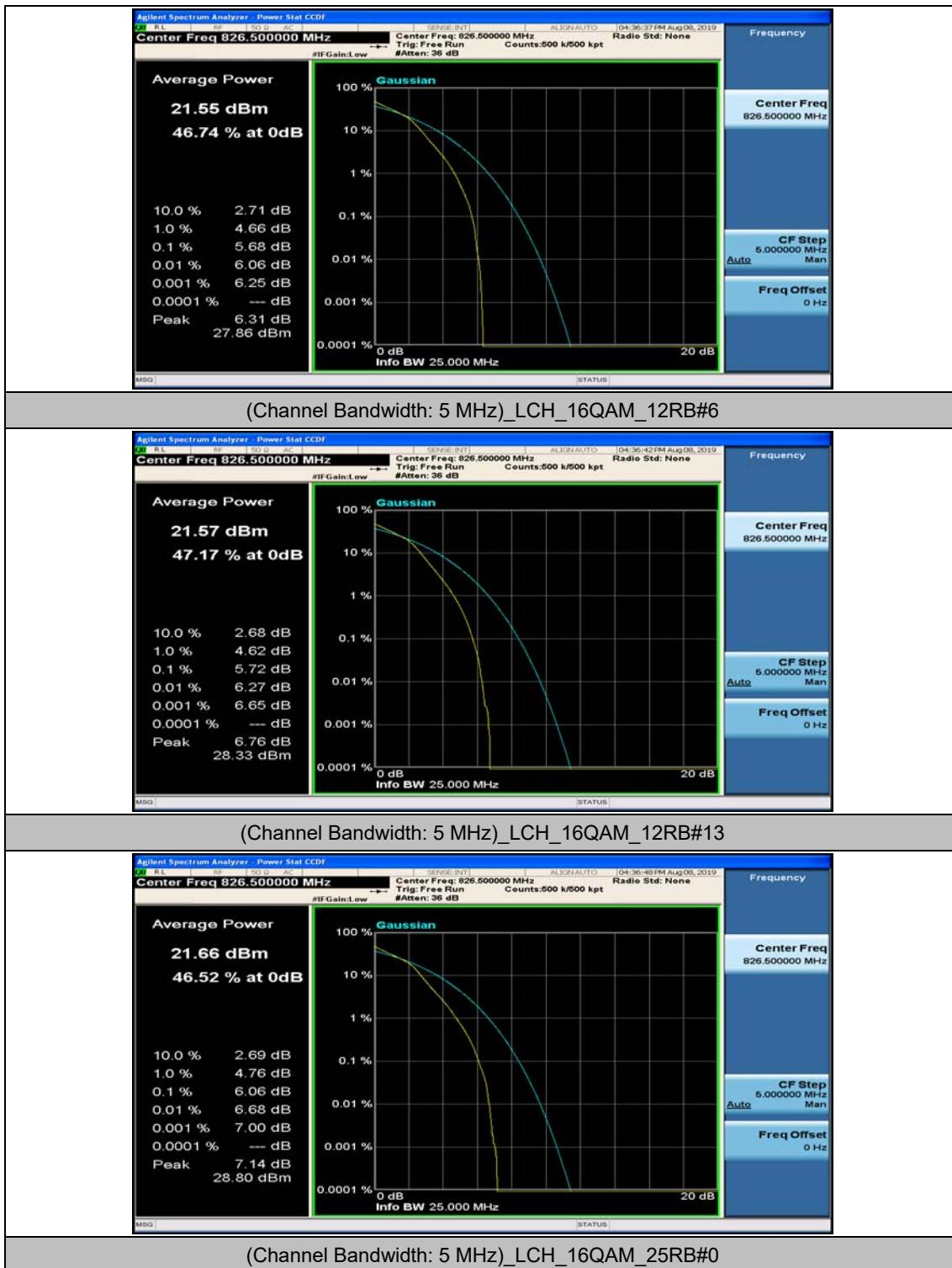


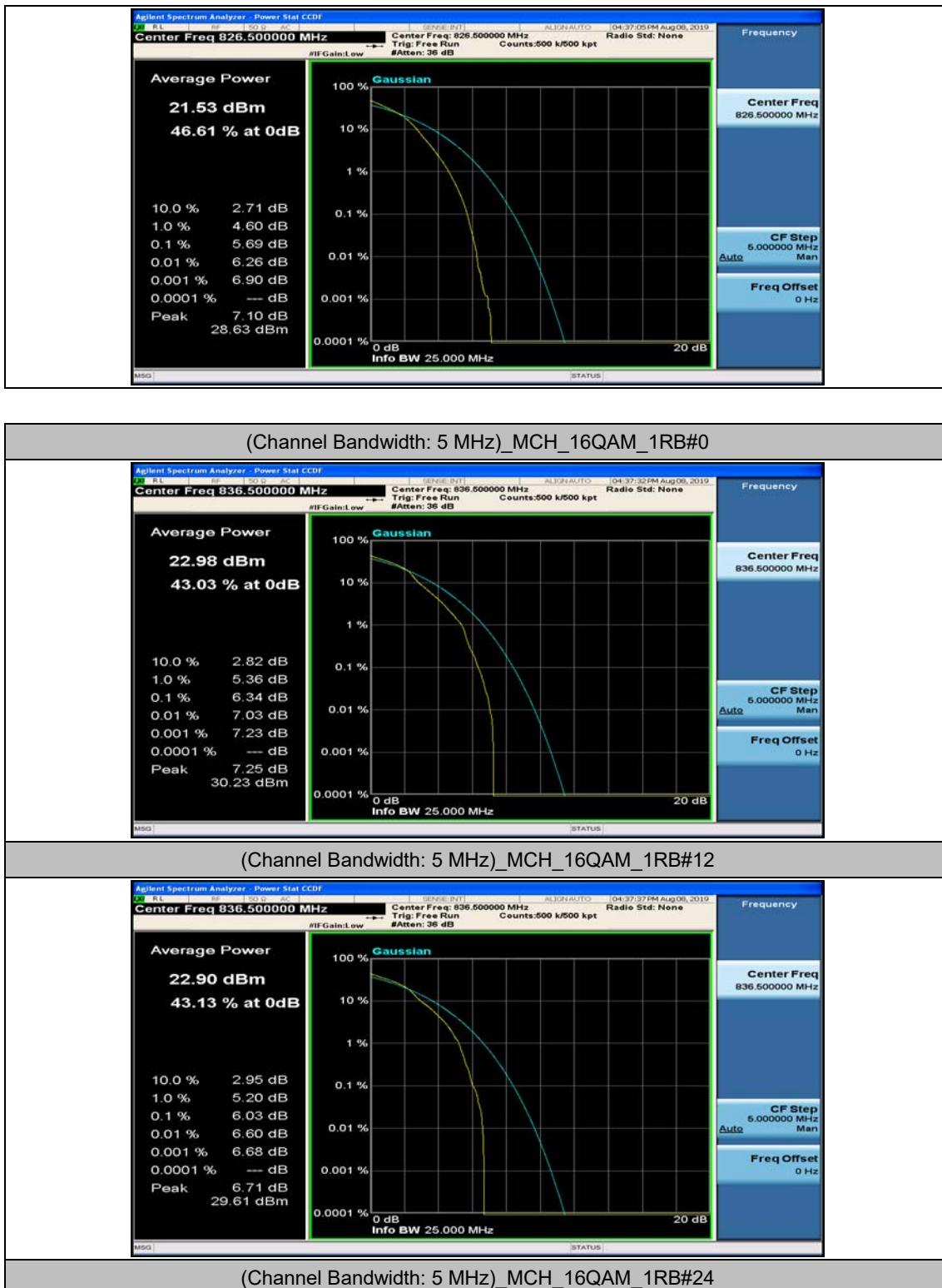


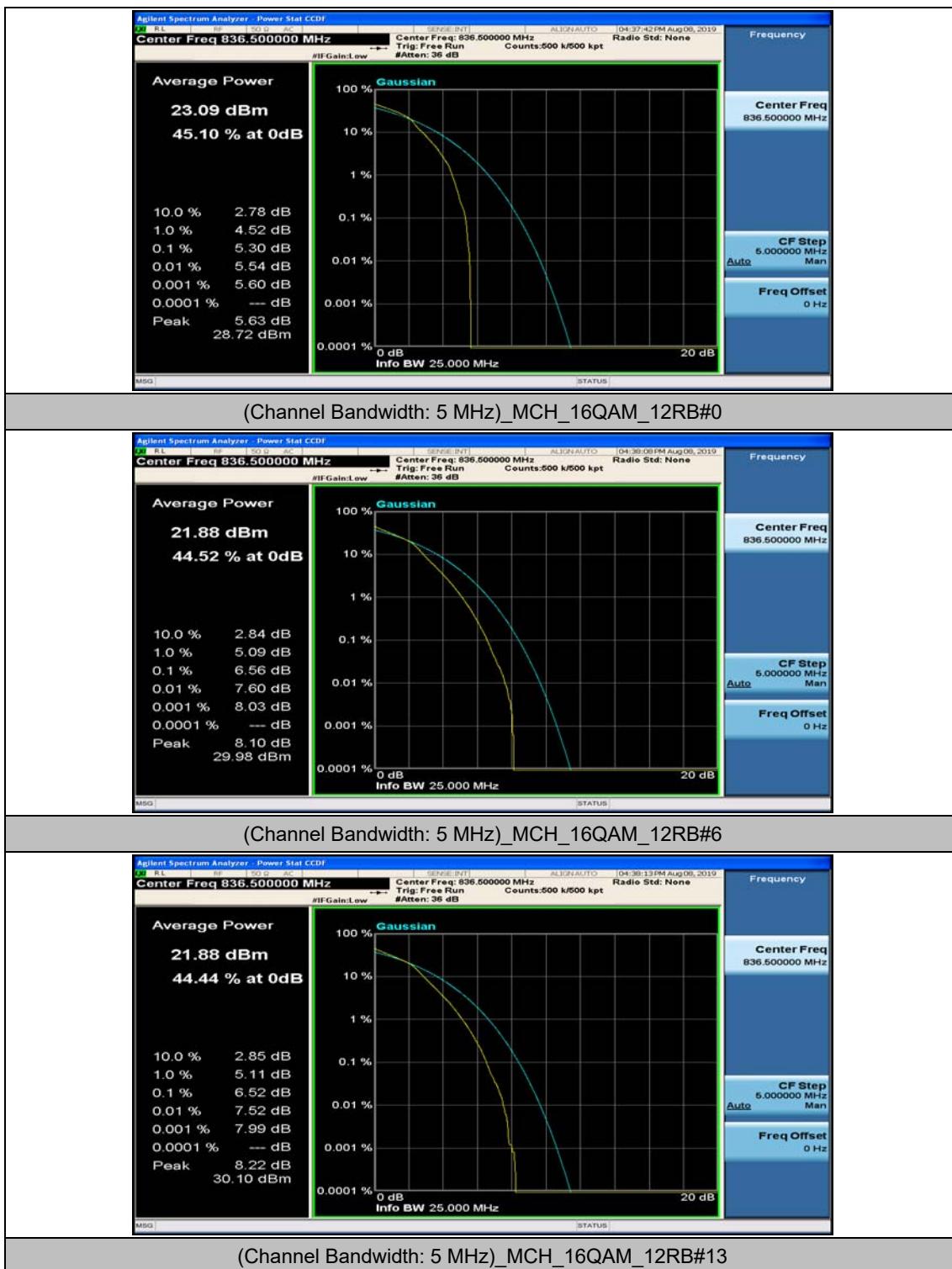


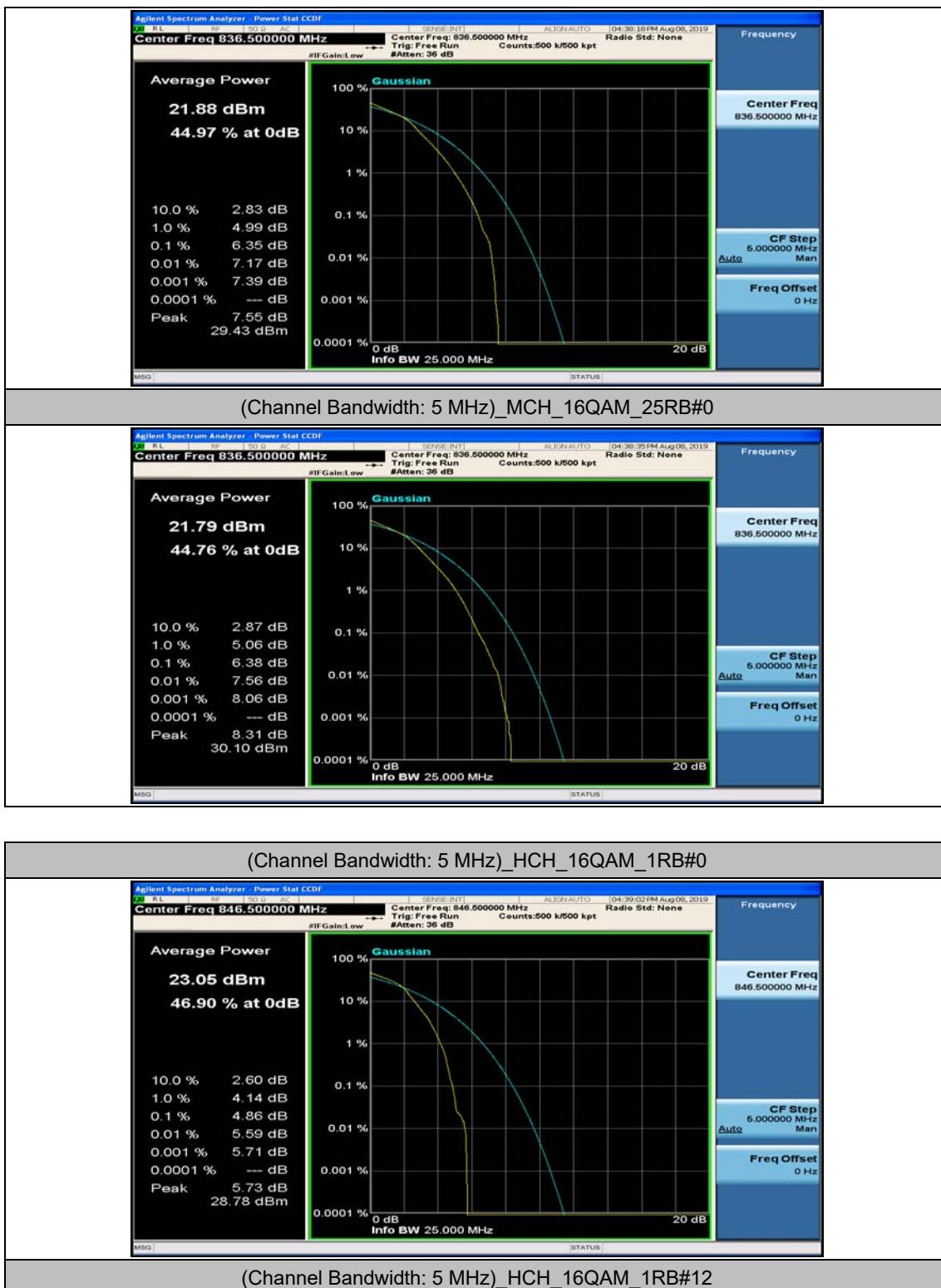


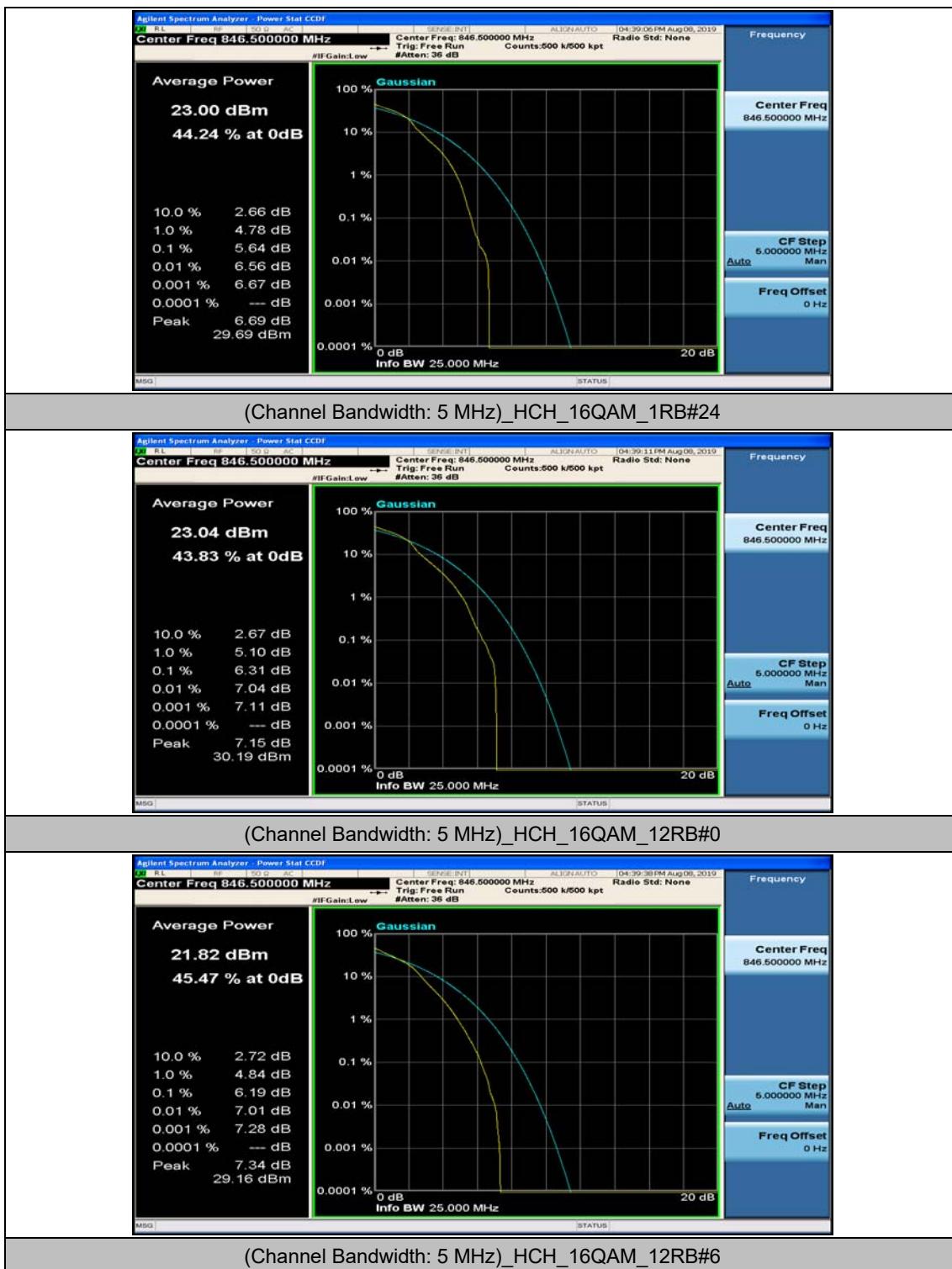


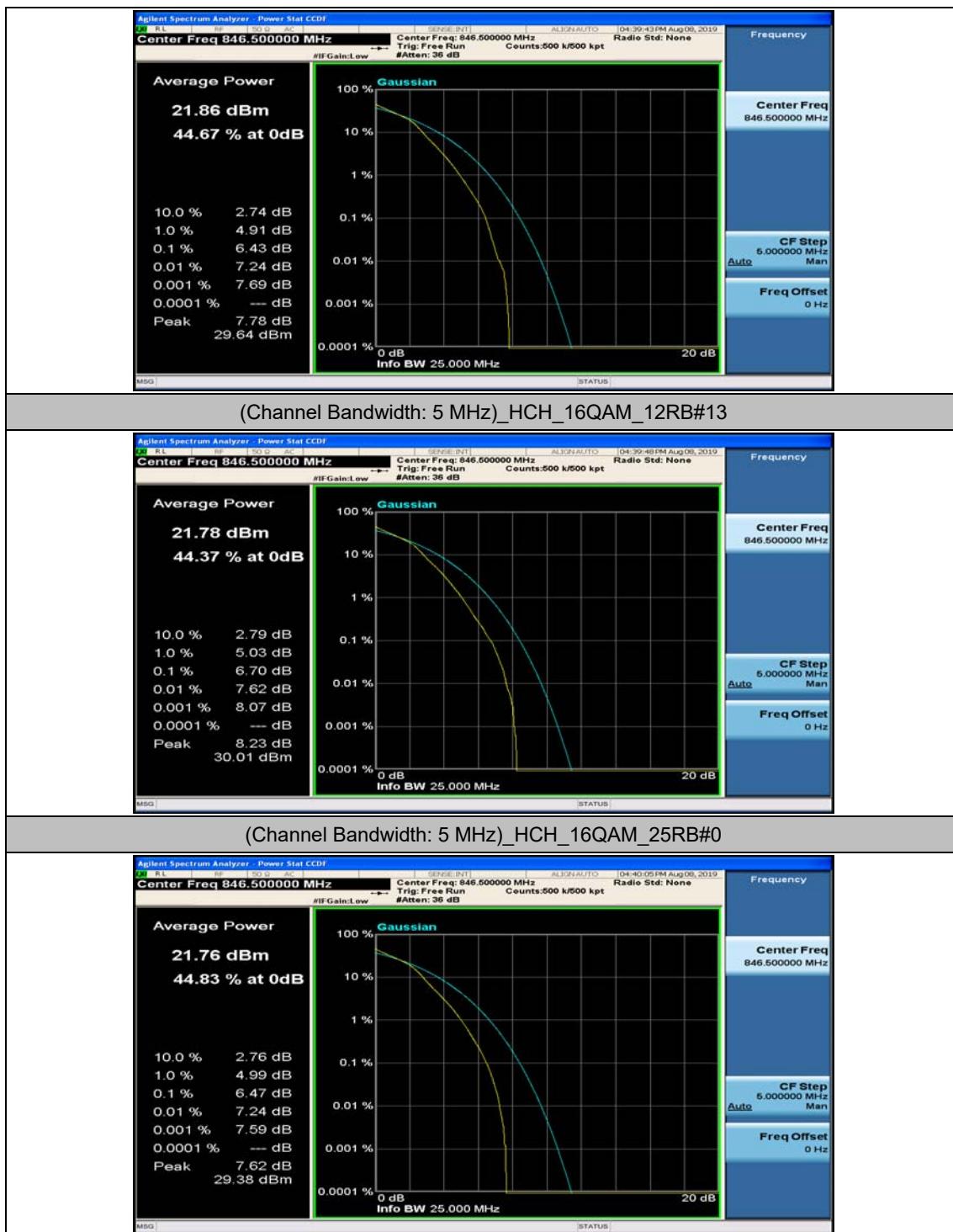




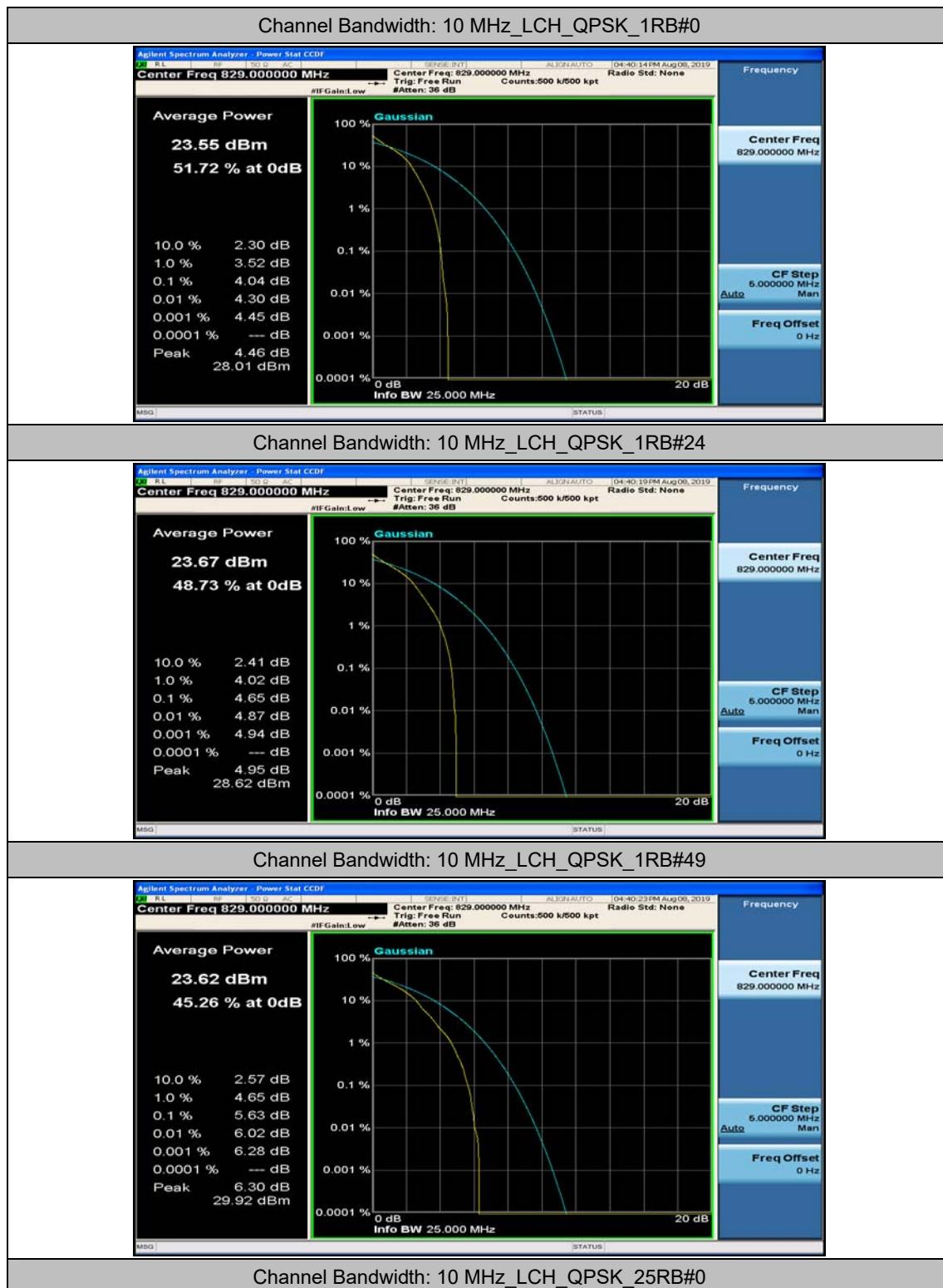


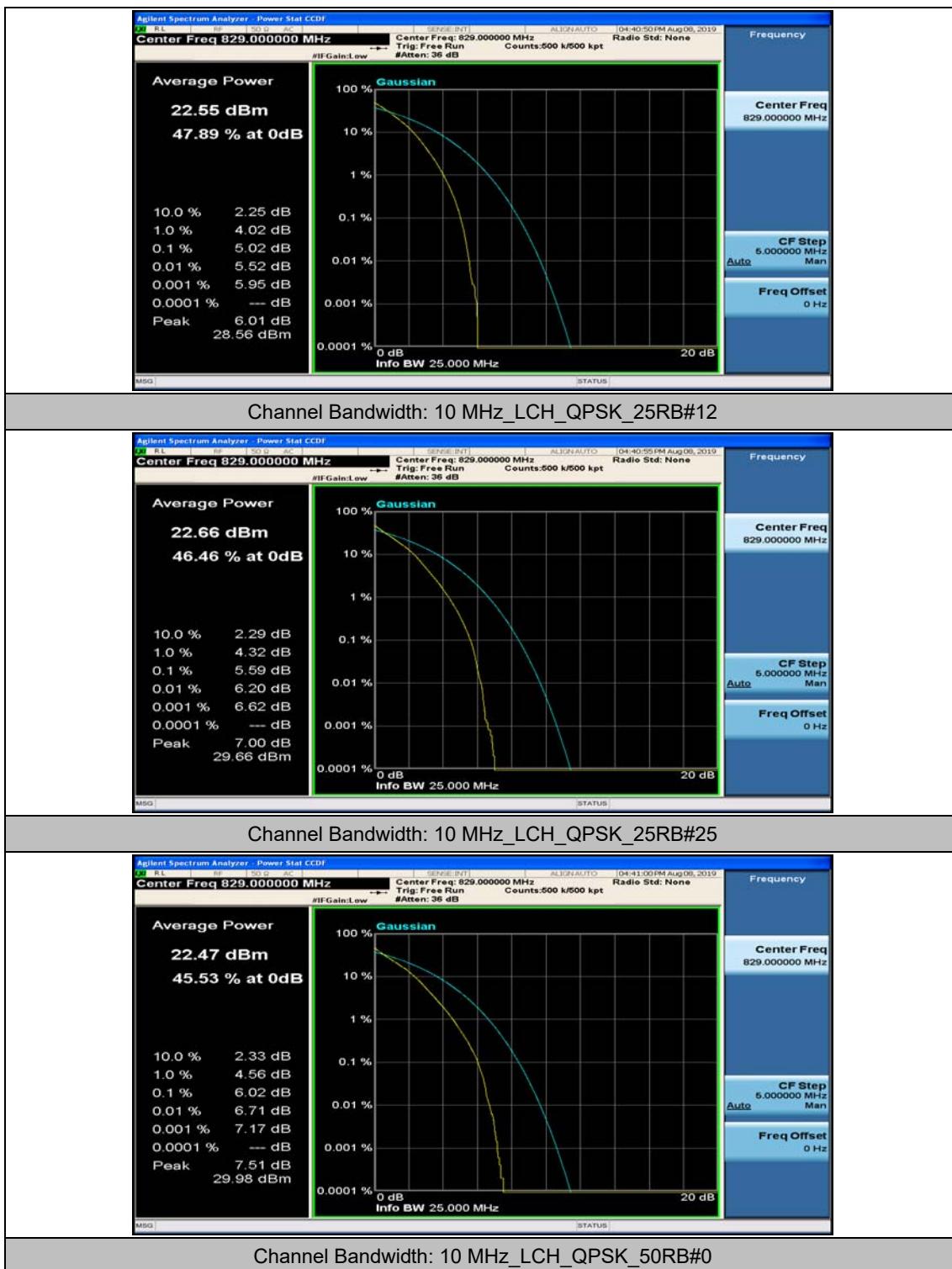


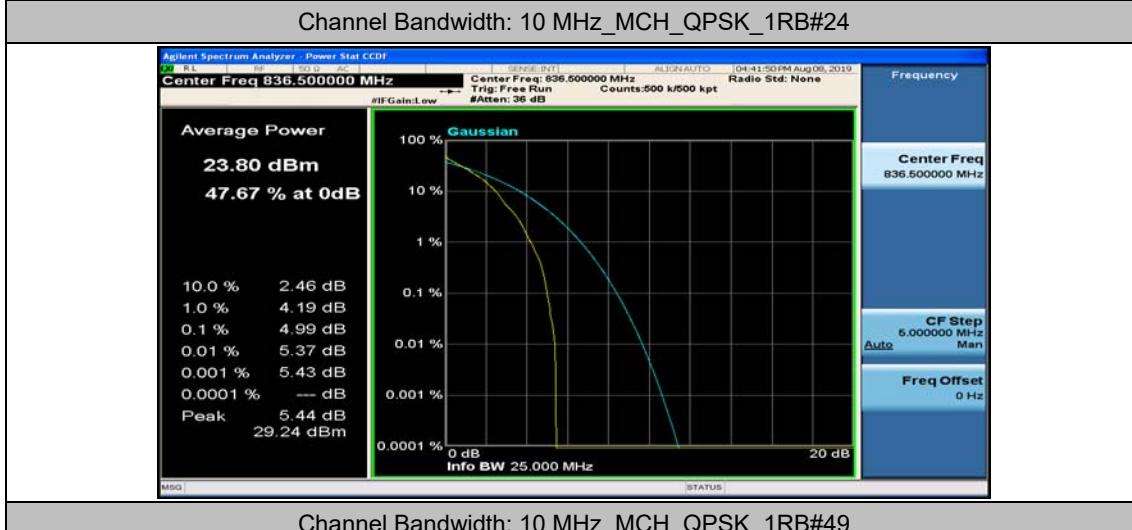
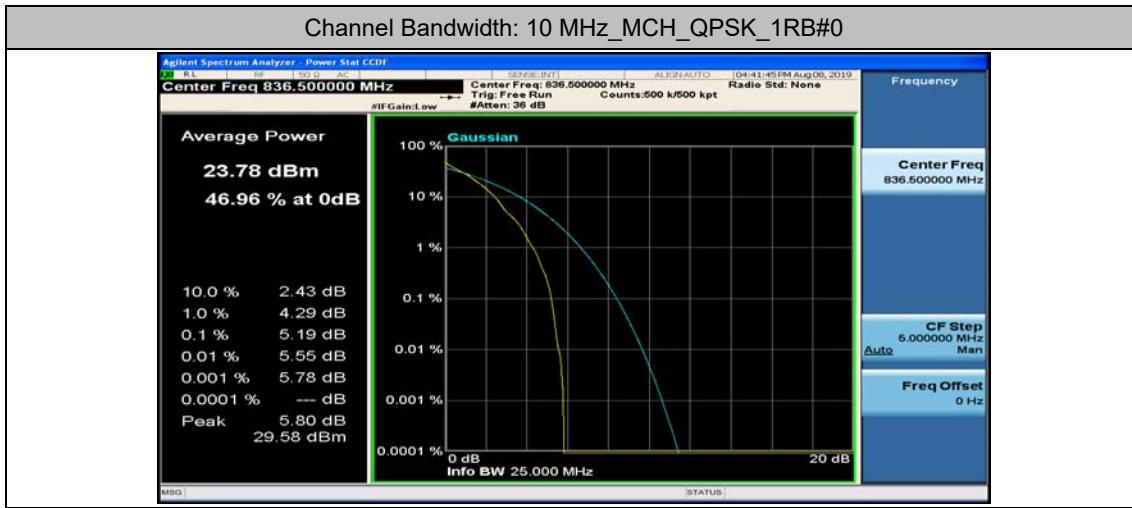
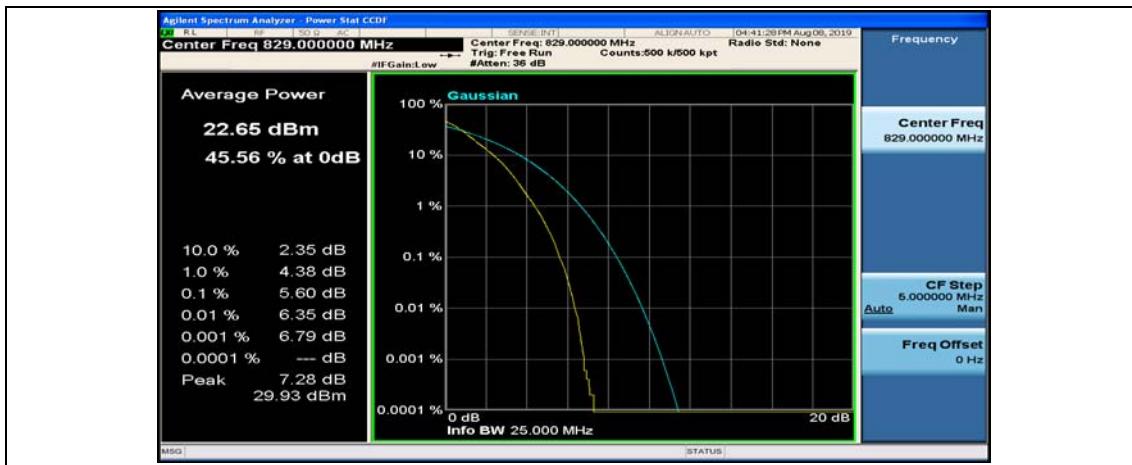




Channel Bandwidth: 10 MHz







Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49