

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	23.11	PASS
		1	3	23.19	PASS
		1	5	23.15	PASS
		3	0	23.22	PASS
		3	2	23.23	PASS
		3	3	23.21	PASS
		6	0	22.21	PASS
	MCH	1	0	23.17	PASS
		1	3	23.37	PASS
		1	5	23.23	PASS
		3	0	23.30	PASS
		3	2	23.31	PASS
		3	3	23.33	PASS
		6	0	22.30	PASS
16QAM	LCH	1	0	23.23	PASS
		1	3	23.33	PASS
		1	5	23.25	PASS
		3	0	23.37	PASS
		3	2	23.35	PASS
		3	3	23.36	PASS
		6	0	22.36	PASS
	MCH	1	0	22.45	PASS
		1	3	22.66	PASS
		1	5	22.54	PASS
		3	0	22.24	PASS
		3	2	22.30	PASS
		3	3	22.30	PASS
		6	0	21.14	PASS

	HCH	3	2	22.45	PASS
		3	3	22.51	PASS
		6	0	21.42	PASS
		1	0	22.68	PASS
		1	3	22.84	PASS
		1	5	22.72	PASS
		3	0	22.42	PASS
		3	2	22.44	PASS
		3	3	22.43	PASS
		6	0	21.28	PASS

Channel Bandwidth: 3 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.12	PASS
		1	7	23.35	PASS
		1	14	23.24	PASS
		8	0	22.23	PASS
		8	4	22.30	PASS
		8	7	22.23	PASS
		15	0	22.23	PASS
	MCH	1	0	23.22	PASS
		1	7	23.48	PASS
		1	14	23.29	PASS
		8	0	22.29	PASS
		8	4	22.36	PASS
		8	7	22.32	PASS
		15	0	22.28	PASS
16QAM	HCH	1	0	23.40	PASS
		1	7	23.59	PASS
		1	14	23.34	PASS
		8	0	22.34	PASS
		8	4	22.39	PASS
		8	7	22.39	PASS
		15	0	22.34	PASS
	LCH	1	0	22.42	PASS
		1	7	22.70	PASS
		1	14	22.53	PASS
		8	0	21.31	PASS
		8	4	21.39	PASS
		8	7	21.30	PASS
		15	0	21.19	PASS

	MCH	1	0	22.71	PASS
		1	7	22.92	PASS
		1	14	22.72	PASS
		8	0	21.30	PASS
		8	4	21.37	PASS
		8	7	21.30	PASS
		15	0	21.31	PASS
	HCH	1	0	22.72	PASS
		1	7	22.79	PASS
		1	14	22.63	PASS
		8	0	21.31	PASS
		8	4	21.38	PASS
		8	7	21.31	PASS
		15	0	21.38	PASS

Channel Bandwidth: 5 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.12	PASS
		1	12	23.47	PASS
		1	24	23.22	PASS
		12	0	22.24	PASS
		12	6	22.30	PASS
		12	13	22.30	PASS
		25	0	22.32	PASS
	MCH	1	0	23.21	PASS
		1	12	23.55	PASS
		1	24	23.23	PASS
		12	0	22.33	PASS
		12	6	22.35	PASS
		12	13	22.26	PASS
		25	0	22.29	PASS
	HCH	1	0	23.35	PASS
		1	12	23.65	PASS
		1	24	23.32	PASS
		12	0	22.33	PASS
		12	6	22.44	PASS
		12	13	22.39	PASS
		25	0	22.41	PASS
16QAM	LCH	1	0	22.42	PASS
		1	12	22.87	PASS
		1	24	22.54	PASS

		12	0	21.33	PASS
		12	6	21.40	PASS
		12	13	21.41	PASS
		25	0	21.33	PASS
	MCH	1	0	22.51	PASS
		1	12	22.86	PASS
		1	24	22.53	PASS
		12	0	21.41	PASS
		12	6	21.53	PASS
		12	13	21.42	PASS
		25	0	21.37	PASS
	HCH	1	0	22.62	PASS
		1	12	22.94	PASS
		1	24	22.54	PASS
		12	0	21.39	PASS
		12	6	21.47	PASS
		12	13	21.44	PASS
		25	0	21.44	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.12	PASS
		1	24	23.37	PASS
		1	49	23.19	PASS
		25	0	22.45	PASS
		25	12	22.40	PASS
		25	25	22.47	PASS
		50	0	22.42	PASS
	MCH	1	0	23.23	PASS
		1	24	23.39	PASS
		1	49	23.28	PASS
		25	0	22.30	PASS
		25	12	22.37	PASS
		25	25	22.33	PASS
		50	0	22.34	PASS
	HCH	1	0	23.38	PASS
		1	24	23.74	PASS
		1	49	23.31	PASS
		25	0	22.50	PASS
		25	12	22.46	PASS
		25	25	22.55	PASS

		50	0	22.46	PASS
16QAM	LCH	1	0	22.43	PASS
		1	24	22.75	PASS
		1	49	22.53	PASS
		25	0	21.47	PASS
		25	12	21.40	PASS
		25	25	21.44	PASS
		50	0	21.42	PASS
	MCH	1	0	22.71	PASS
		1	24	22.88	PASS
		1	49	22.77	PASS
		25	0	21.39	PASS
		25	12	21.43	PASS
		25	25	21.39	PASS
		50	0	21.41	PASS
	HCH	1	0	22.63	PASS
		1	24	22.86	PASS
		1	49	22.64	PASS
		25	0	21.50	PASS
		25	12	21.50	PASS
		25	25	21.56	PASS
		50	0	21.55	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	4.1	<13	PASS
		1	3	4.16	<13	PASS
		1	5	4.29	<13	PASS
		3	0	4.1	<13	PASS
		3	2	4.13	<13	PASS
		3	3	4.2	<13	PASS
		6	0	4.86	<13	PASS
	MCH	1	0	4.69	<13	PASS
		1	3	4.5	<13	PASS
		1	5	4.57	<13	PASS
		3	0	4.8	<13	PASS
		3	2	4.73	<13	PASS
		3	3	4.76	<13	PASS
		6	0	5.3	<13	PASS
16QAM	LCH	1	0	4.65	<13	PASS
		1	3	4.43	<13	PASS
		1	5	4.63	<13	PASS
		3	0	4.72	<13	PASS
		3	2	4.61	<13	PASS
		3	3	4.53	<13	PASS
		6	0	5.2	<13	PASS
	MCH	1	0	4.96	<13	PASS
		1	3	4.99	<13	PASS
		1	5	5.03	<13	PASS
		3	0	4.98	<13	PASS
		3	2	5.11	<13	PASS
		3	3	5.19	<13	PASS
		6	0	5.75	<13	PASS

		3	3	5.7	<13	PASS
		6	0	6.28	<13	PASS
HCH		1	0	5.64	<13	PASS
		1	3	5.36	<13	PASS
		1	5	5.37	<13	PASS
		3	0	5.46	<13	PASS
		3	2	5.44	<13	PASS
		3	3	5.44	<13	PASS
		6	0	6.13	<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	3.96	<13	PASS
		1	7	4.16	<13	PASS
		1	14	4.46	<13	PASS
		8	0	4.9	<13	PASS
		8	4	5.02	<13	PASS
		8	7	5.16	<13	PASS
		15	0	4.98	<13	PASS
	MCH	1	0	4.7	<13	PASS
		1	7	4.49	<13	PASS
		1	14	4.52	<13	PASS
		8	0	5.46	<13	PASS
		8	4	5.36	<13	PASS
		8	7	5.33	<13	PASS
		15	0	5.44	<13	PASS
	HCH	1	0	4.83	<13	PASS
		1	7	4.6	<13	PASS
		1	14	4.43	<13	PASS
		8	0	5.44	<13	PASS
		8	4	5.32	<13	PASS
		8	7	5.22	<13	PASS
		15	0	5.25	<13	PASS
16QAM	LCH	1	0	4.8	<13	PASS
		1	7	5	<13	PASS
		1	14	5.22	<13	PASS
		8	0	5.68	<13	PASS
		8	4	5.9	<13	PASS
		8	7	5.96	<13	PASS

		15	0	5.94	<13	PASS
MCH	1	0		5.56	<13	PASS
	1	7		5.49	<13	PASS
	1	14		5.41	<13	PASS
	8	0		6.11	<13	PASS
	8	4		6.09	<13	PASS
	8	7		6.11	<13	PASS
	15	0		6.28	<13	PASS
HCH	1	0		5.71	<13	PASS
	1	7		5.55	<13	PASS
	1	14		5.35	<13	PASS
	8	0		6.46	<13	PASS
	8	4		6.38	<13	PASS
	8	7		6.27	<13	PASS
	15	0		6.22	<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	4.19	<13	PASS
		1	12	4.64	<13	PASS
		1	24	5.01	<13	PASS
		12	0	5.01	<13	PASS
		12	6	5.16	<13	PASS
		12	13	5.36	<13	PASS
		25	0	5.18	<13	PASS
QPSK	MCH	1	0	4.96	<13	PASS
		1	12	4.69	<13	PASS
		1	24	4.74	<13	PASS
		12	0	5.35	<13	PASS
		12	6	5.32	<13	PASS
		12	13	5.33	<13	PASS
		25	0	5.38	<13	PASS
QPSK	HCH	1	0	4.92	<13	PASS
		1	12	4.69	<13	PASS
		1	24	4.46	<13	PASS
		12	0	5.57	<13	PASS
		12	6	5.46	<13	PASS
		12	13	5.39	<13	PASS
		25	0	5.46	<13	PASS

16QAM	LCH	1	0	4.98	<13	PASS
		1	12	5.09	<13	PASS
		1	24	5.61	<13	PASS
		12	0	5.89	<13	PASS
		12	6	6.04	<13	PASS
		12	13	6.24	<13	PASS
		25	0	5.94	<13	PASS
	MCH	1	0	5.74	<13	PASS
		1	12	5.46	<13	PASS
		1	24	5.56	<13	PASS
		12	0	6.22	<13	PASS
		12	6	6.18	<13	PASS
		12	13	6.14	<13	PASS
		25	0	6.27	<13	PASS
	HCH	1	0	5.74	<13	PASS
		1	12	5.65	<13	PASS
		1	24	5.21	<13	PASS
		12	0	6.48	<13	PASS
		12	6	6.33	<13	PASS
		12	13	6.12	<13	PASS
		25	0	6.27	<13	PASS

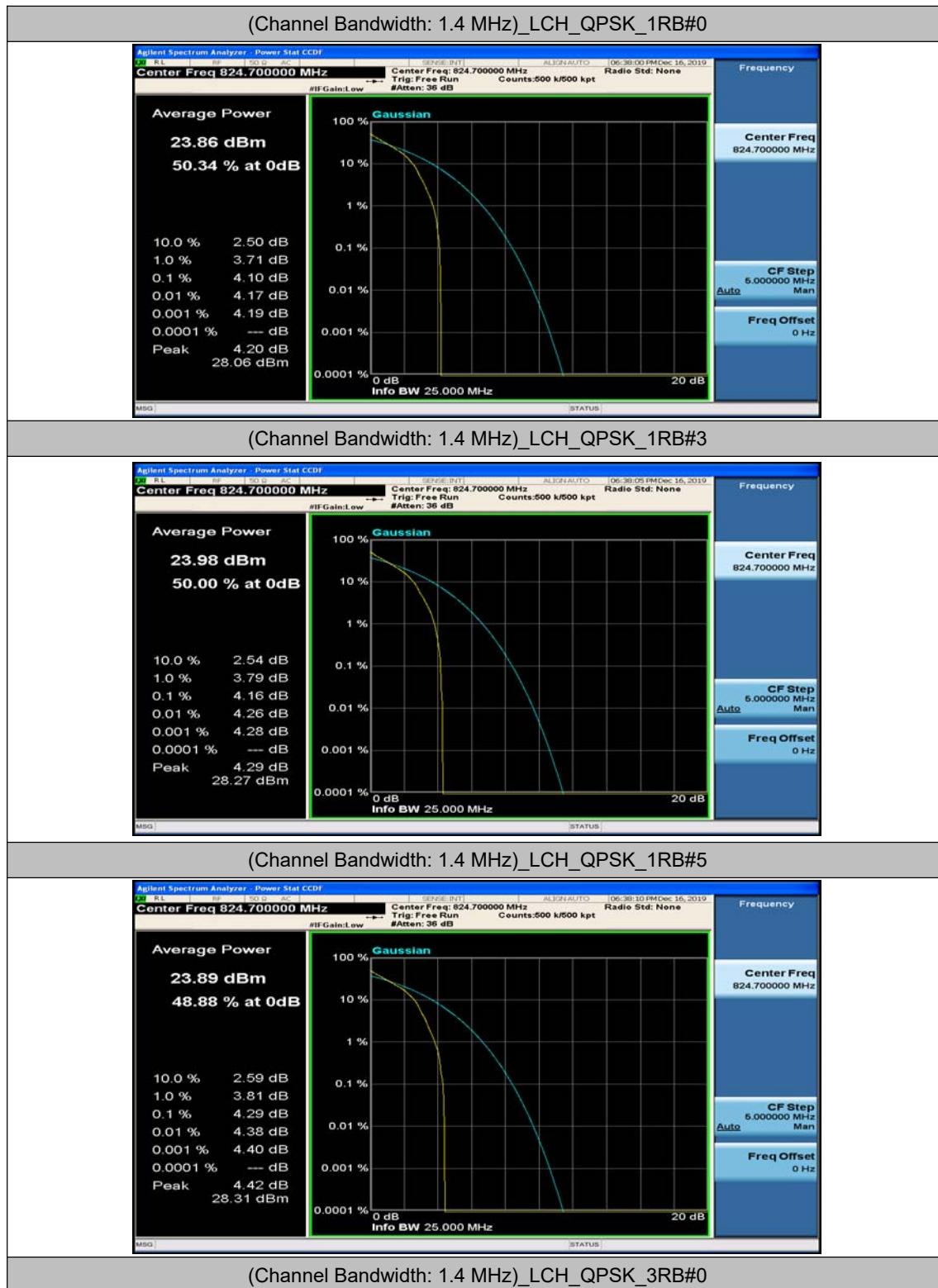
Channel Bandwidth: 10 MHz

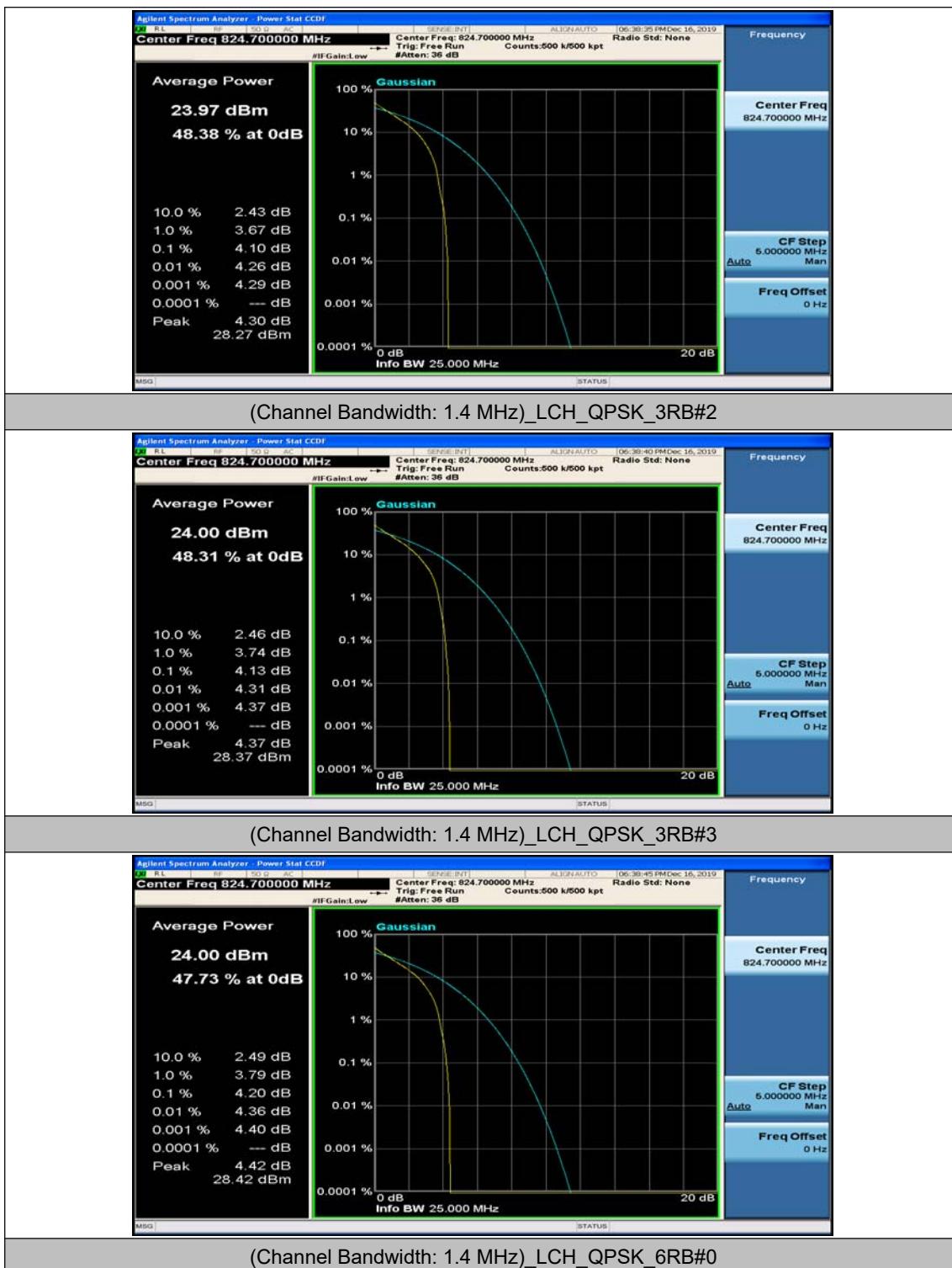
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
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		1	24	4.71	<13	PASS
		1	49	5.09	<13	PASS
		25	0	5.19	<13	PASS
		25	12	5.46	<13	PASS
		25	25	5.49	<13	PASS
		50	0	5.47	<13	PASS
	MCH	1	0	4.89	<13	PASS
		1	24	4.48	<13	PASS
		1	49	4.71	<13	PASS
		25	0	5.49	<13	PASS
		25	12	5.41	<13	PASS
		25	25	5.42	<13	PASS
		50	0	5.5	<13	PASS
	HCH	1	0	4.67	<13	PASS

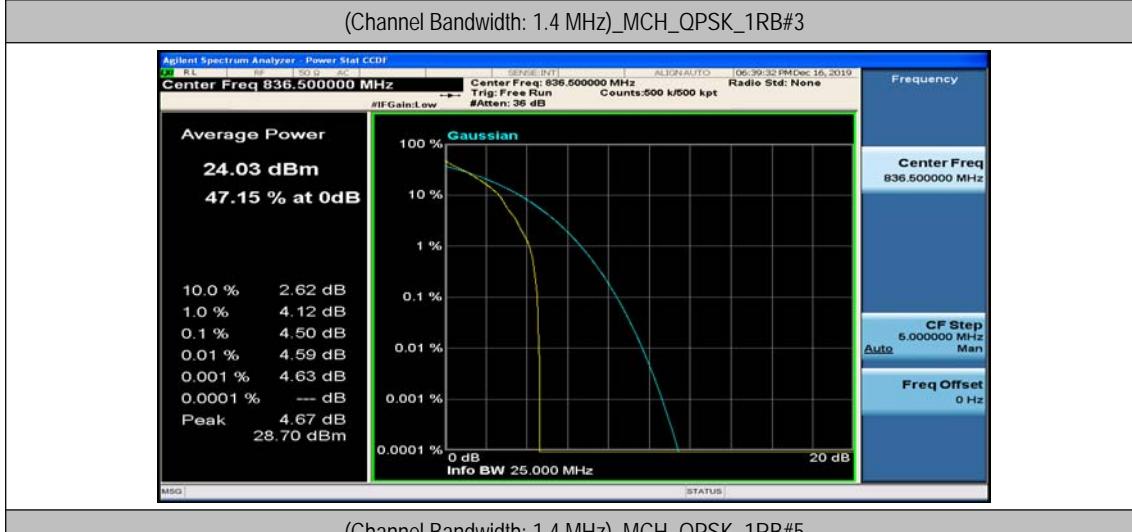
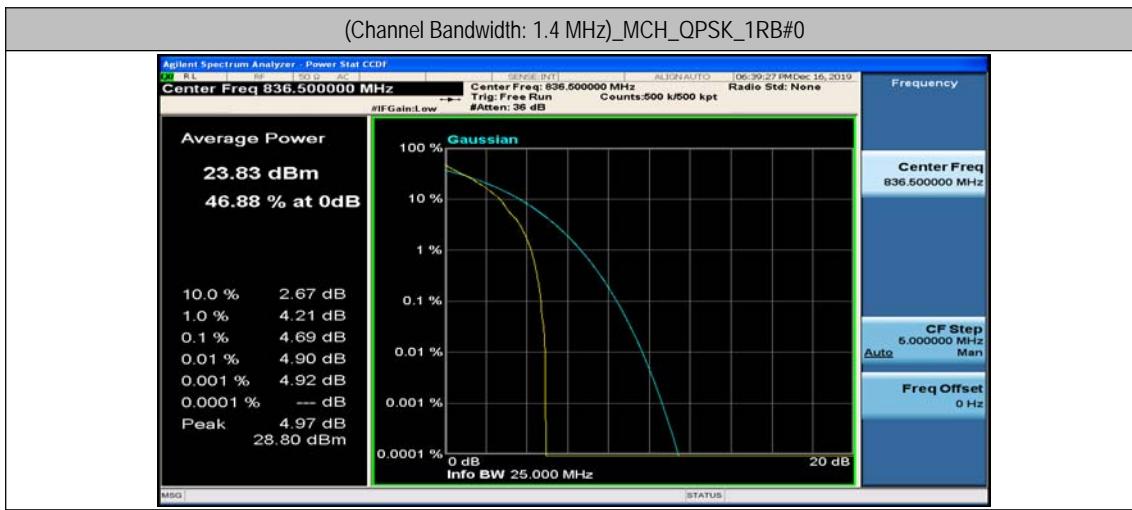
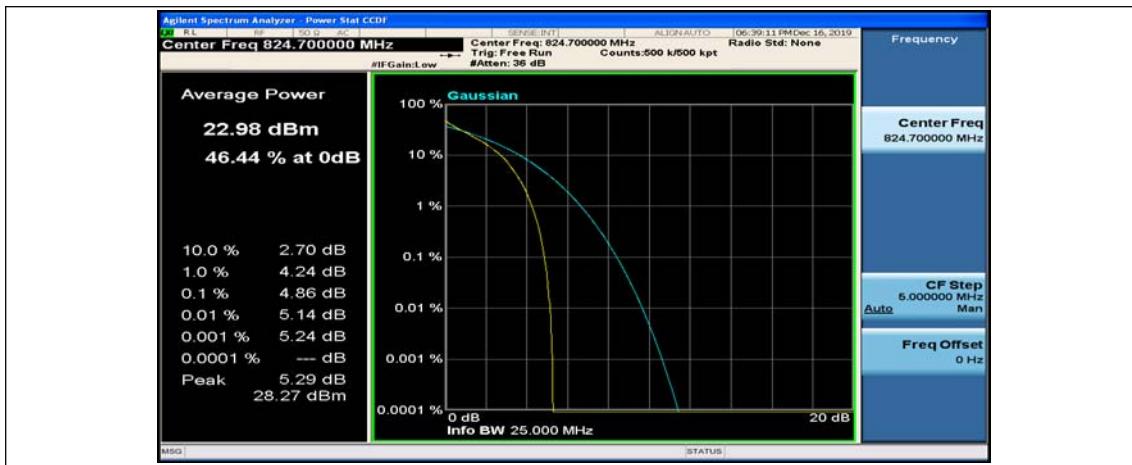
		1	24	4.94	<13	PASS
		1	49	4.6	<13	PASS
		25	0	5.39	<13	PASS
		25	12	5.5	<13	PASS
		25	25	5.42	<13	PASS
		50	0	5.49	<13	PASS
16QAM	LCH	1	0	4.99	<13	PASS
		1	24	5.46	<13	PASS
		1	49	5.89	<13	PASS
		25	0	6.03	<13	PASS
		25	12	6.33	<13	PASS
		25	25	6.41	<13	PASS
		50	0	6.25	<13	PASS
	MCH	1	0	5.76	<13	PASS
		1	24	5.38	<13	PASS
		1	49	5.54	<13	PASS
		25	0	6.35	<13	PASS
		25	12	6.26	<13	PASS
		25	25	6.34	<13	PASS
		50	0	6.32	<13	PASS
	HCH	1	0	5.52	<13	PASS
		1	24	5.86	<13	PASS
		1	49	5.39	<13	PASS
		25	0	6.35	<13	PASS
		25	12	6.43	<13	PASS
		25	25	6.3	<13	PASS
		50	0	6.33	<13	PASS

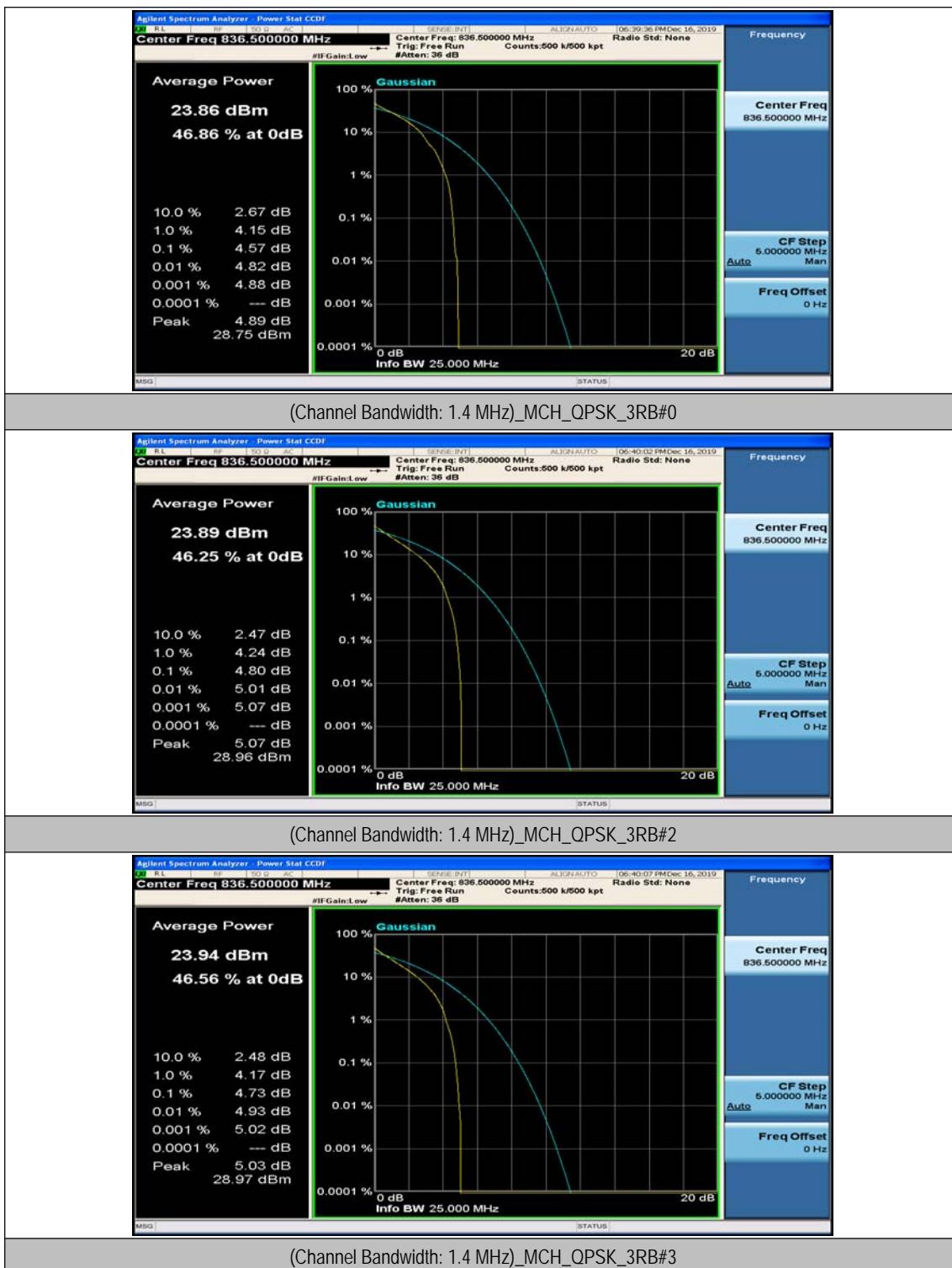
Test Graphs

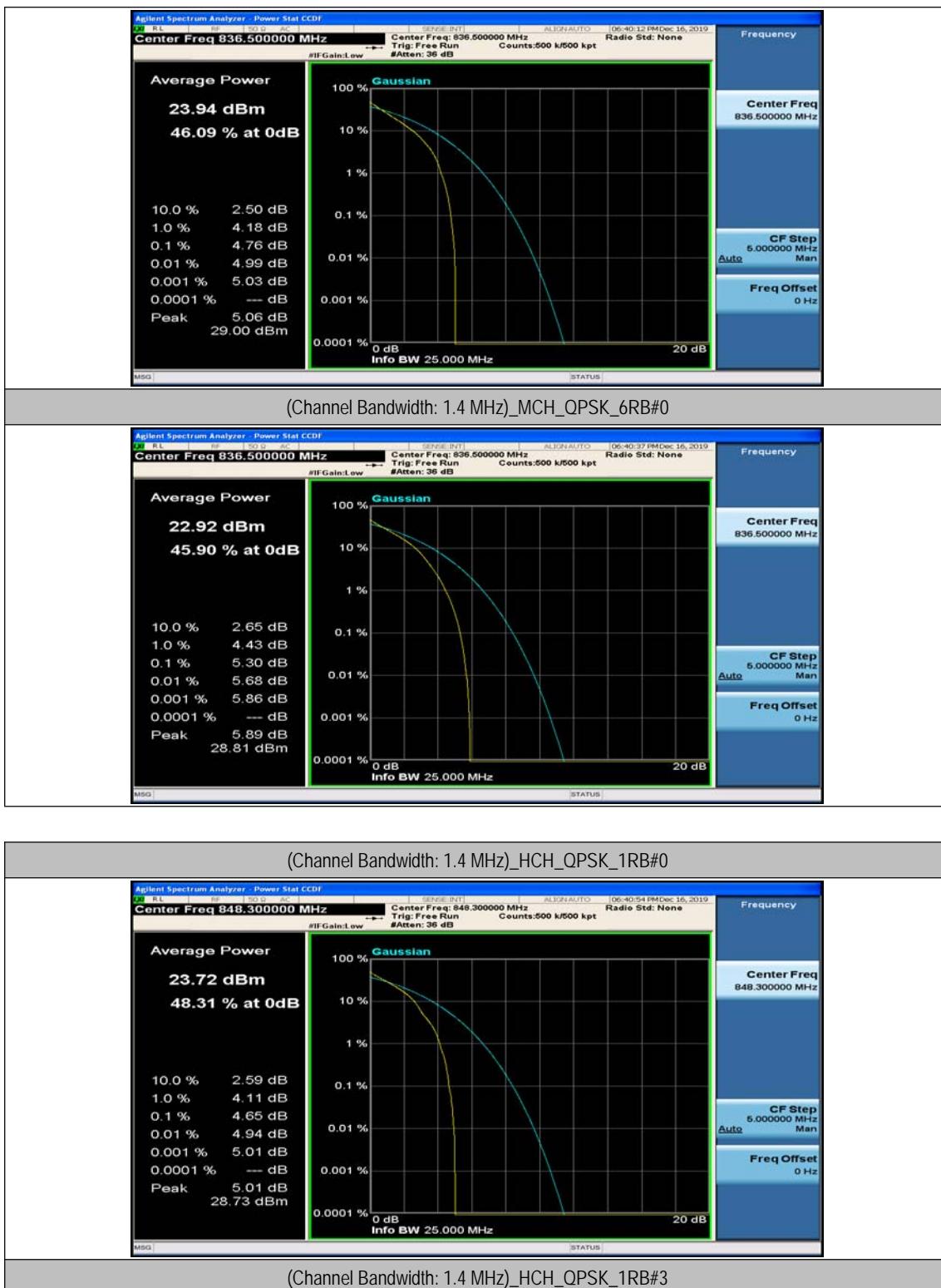
Channel Bandwidth: 1.4 MHz

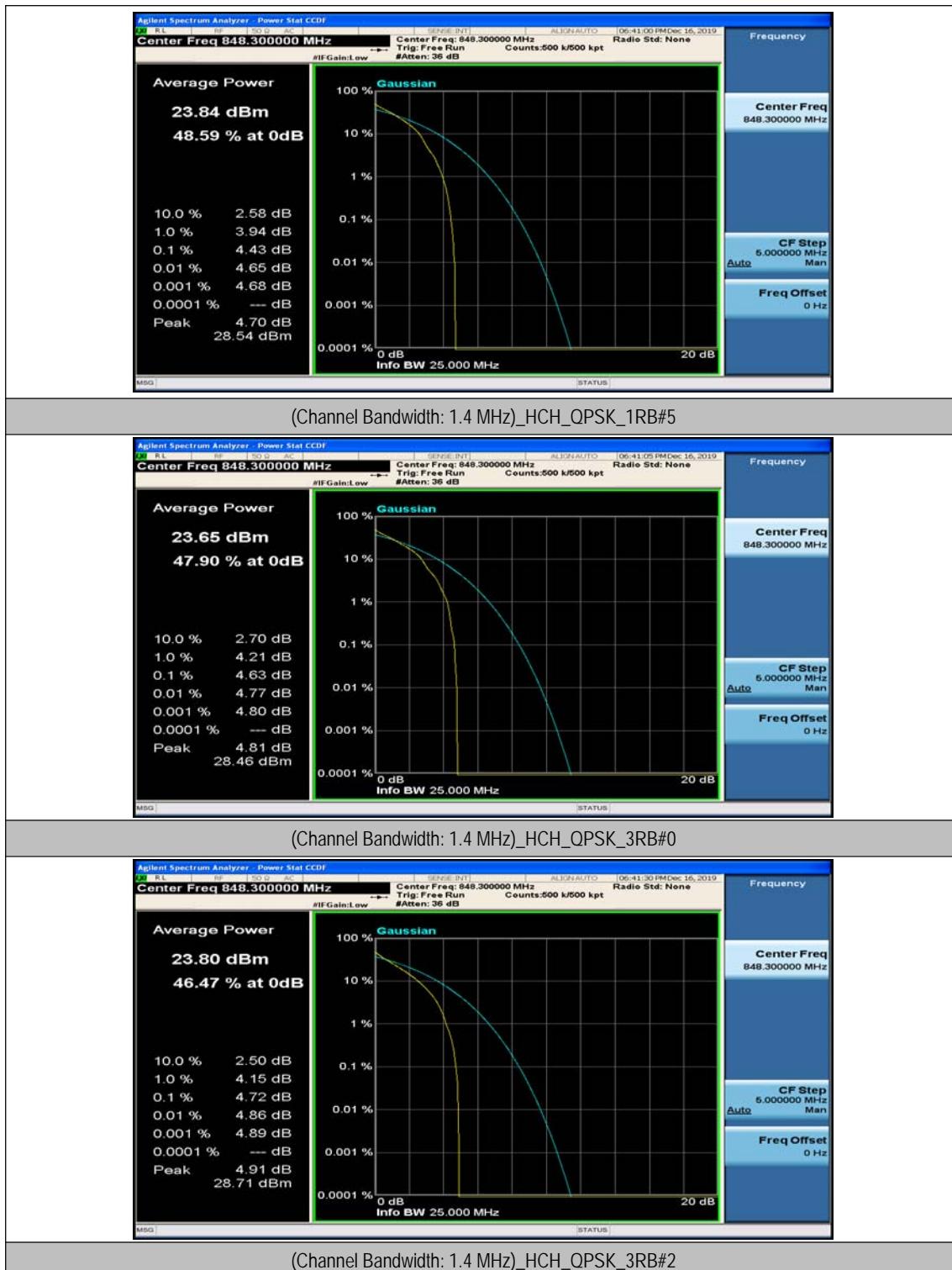


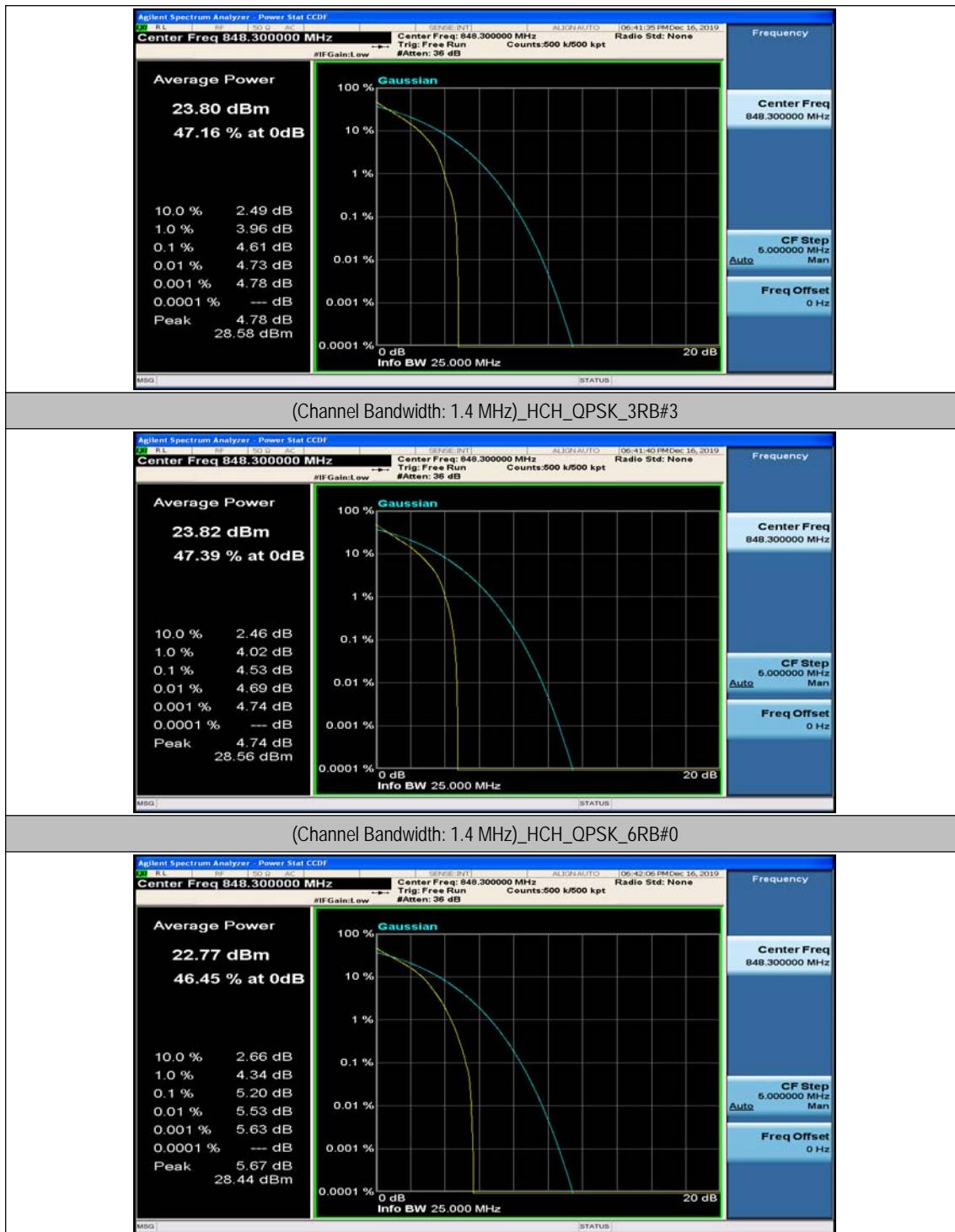


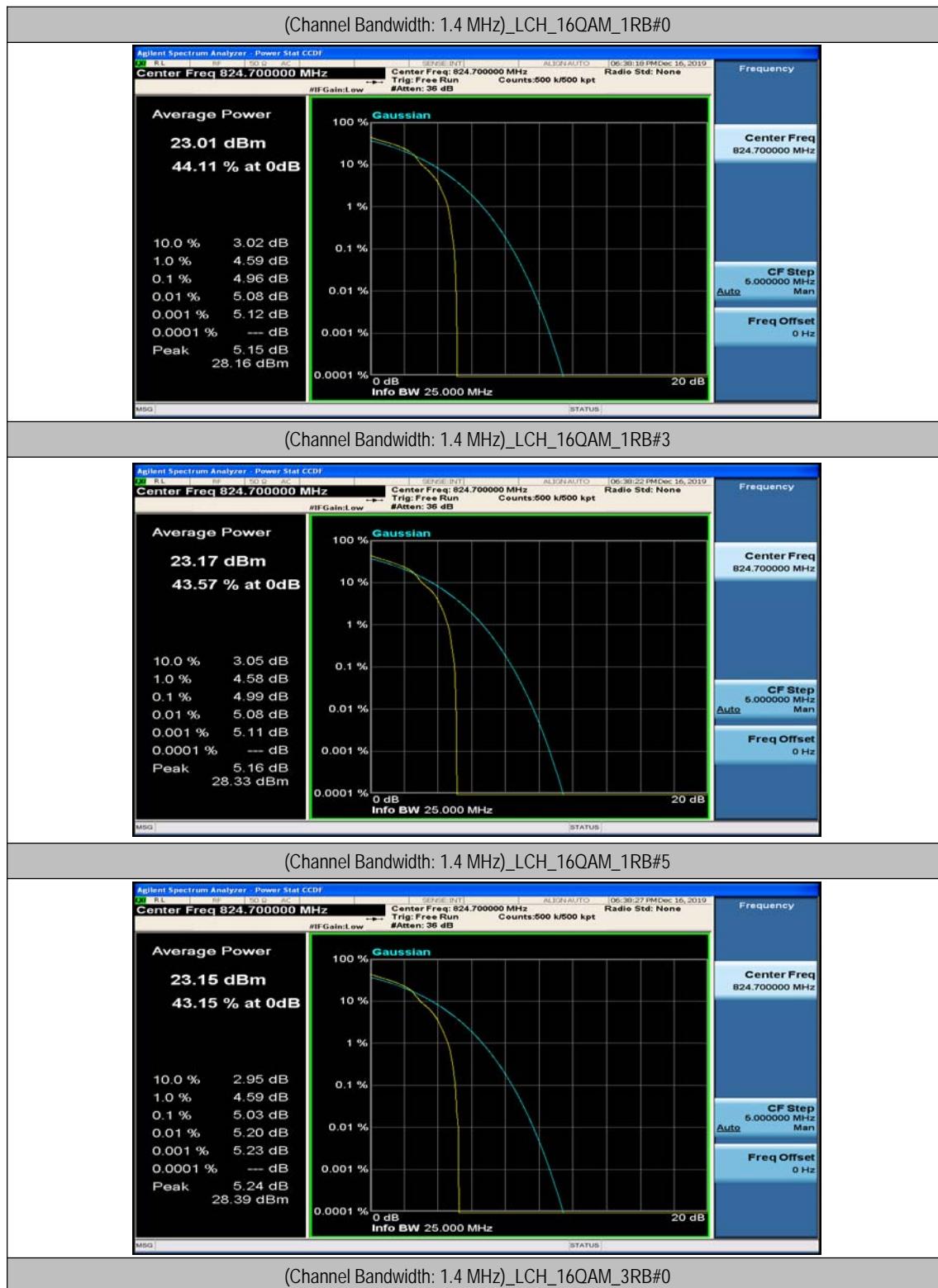


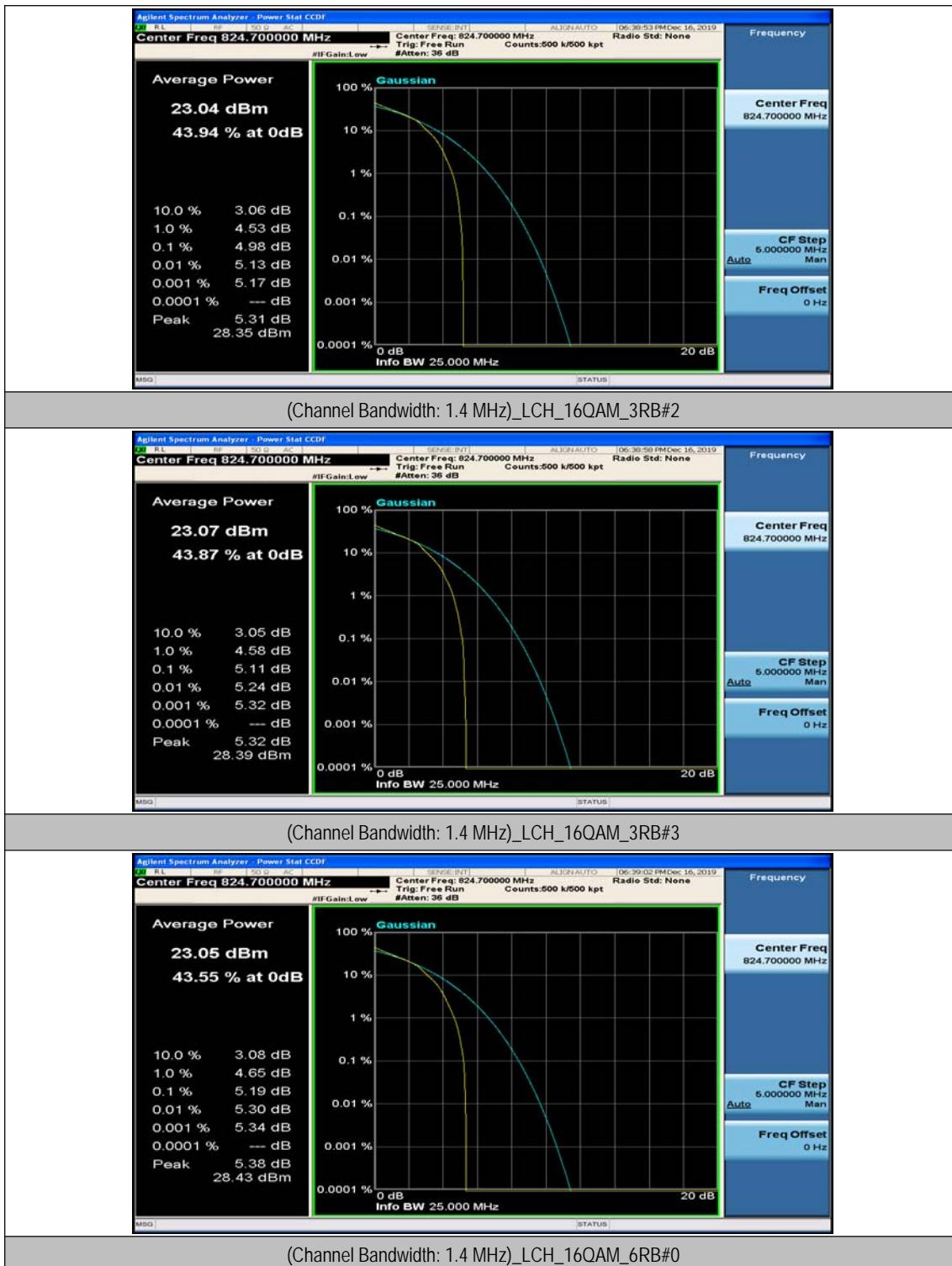


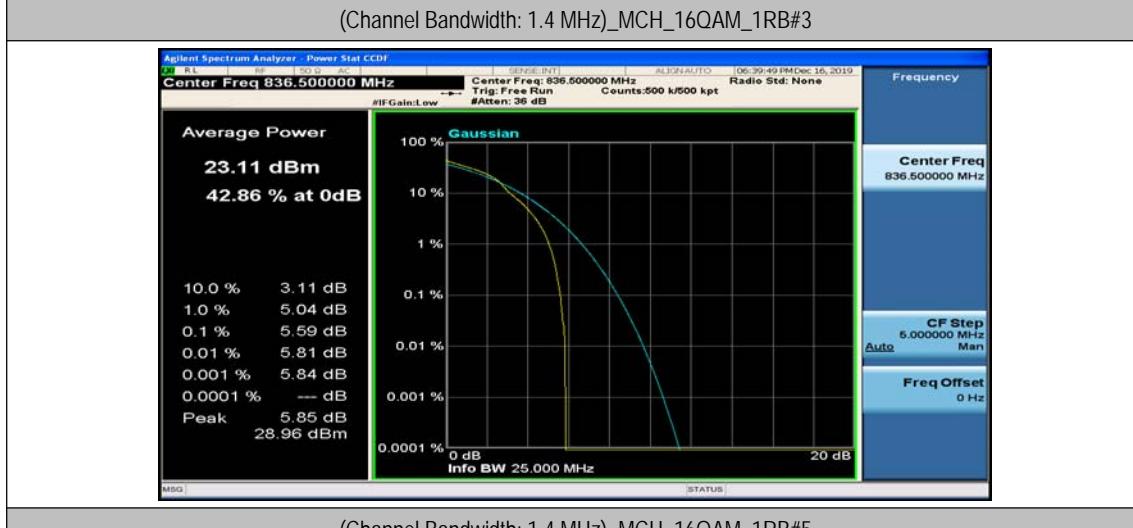
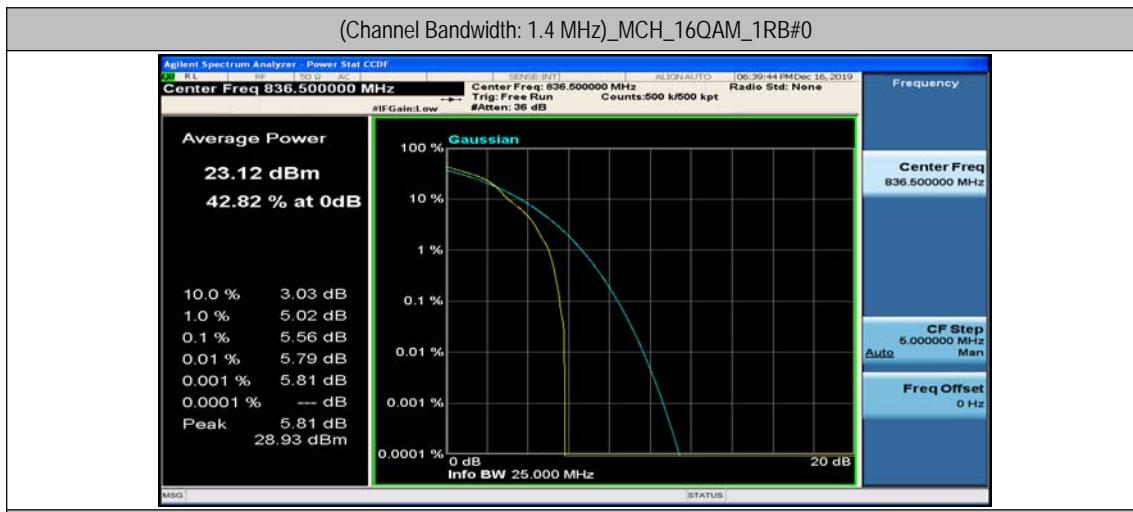
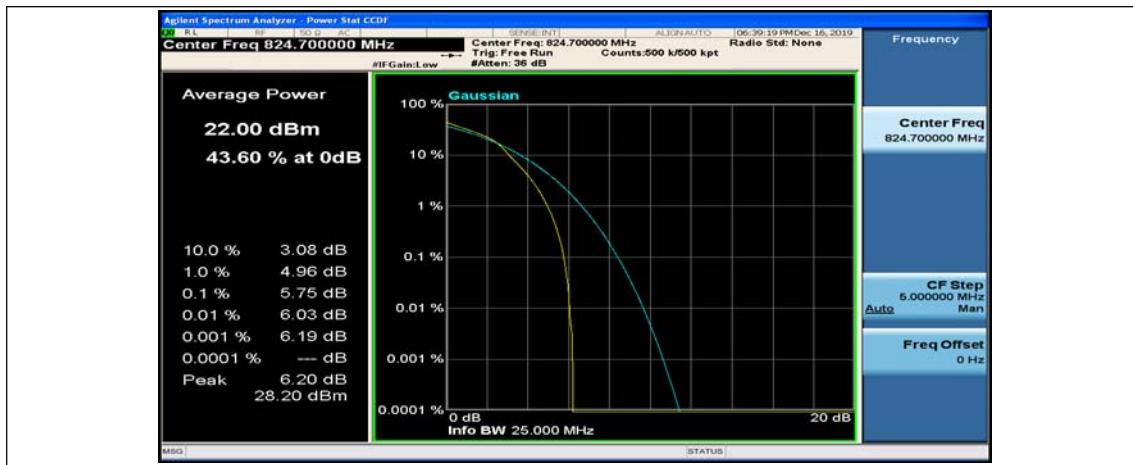


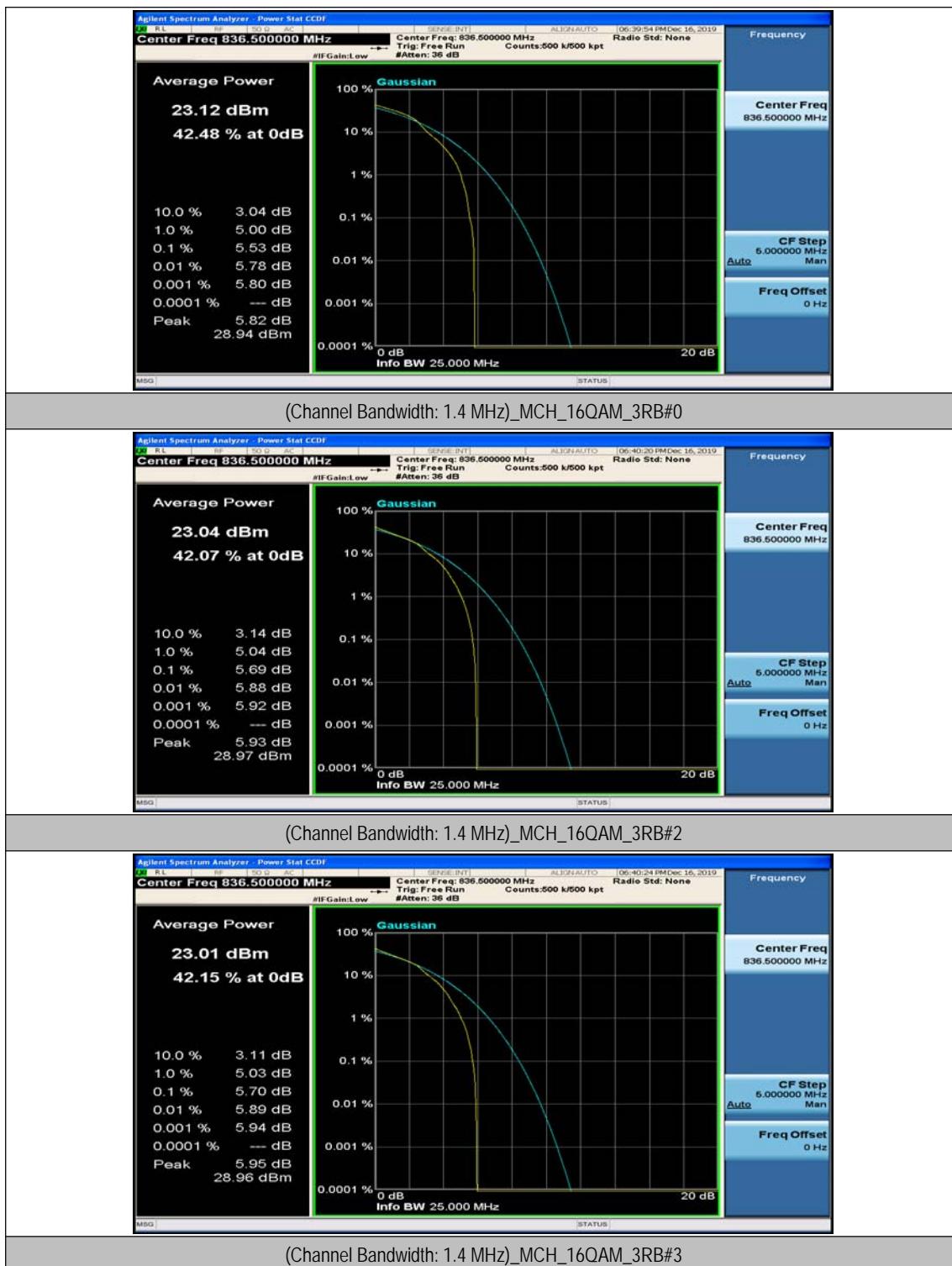


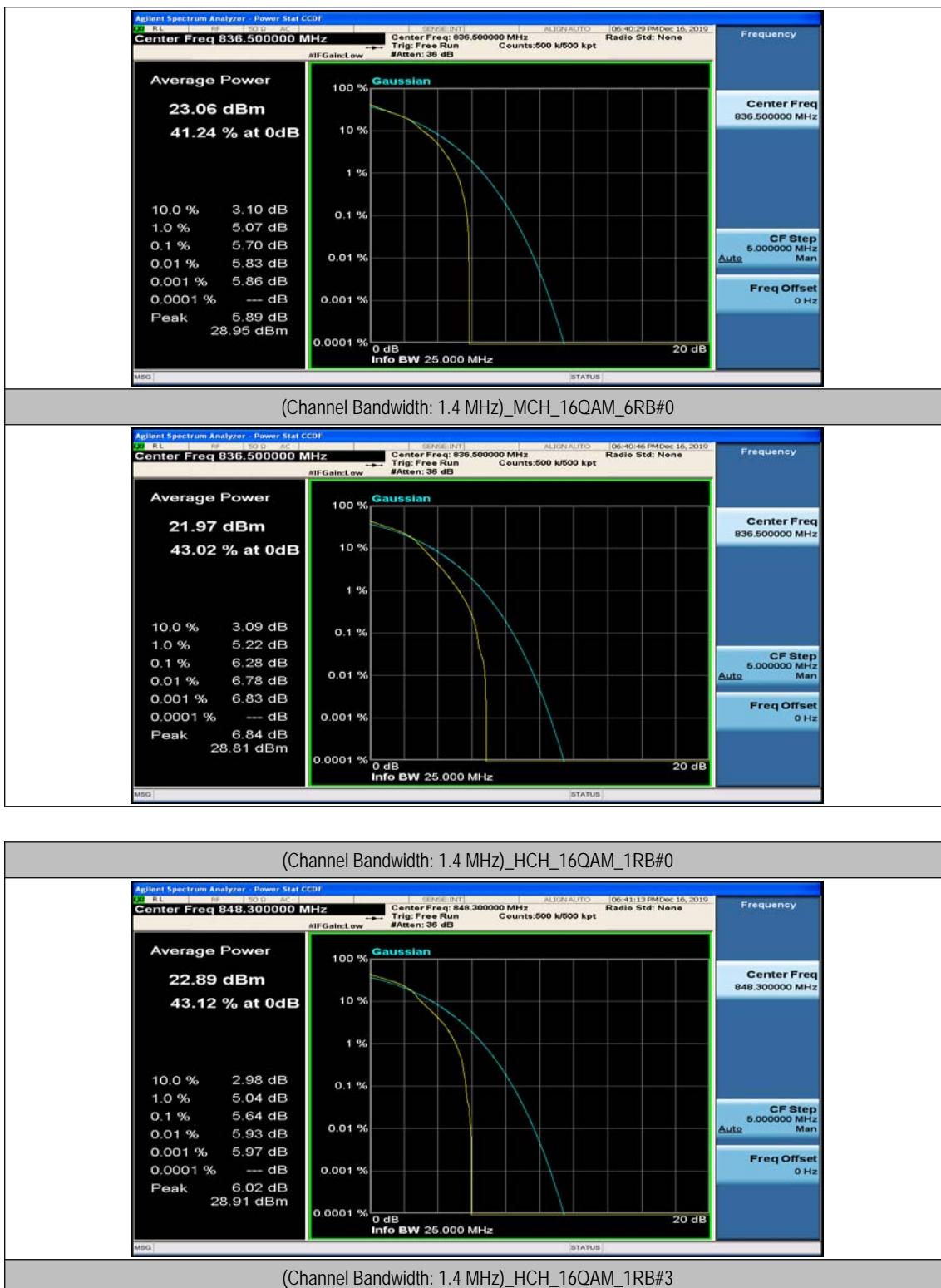


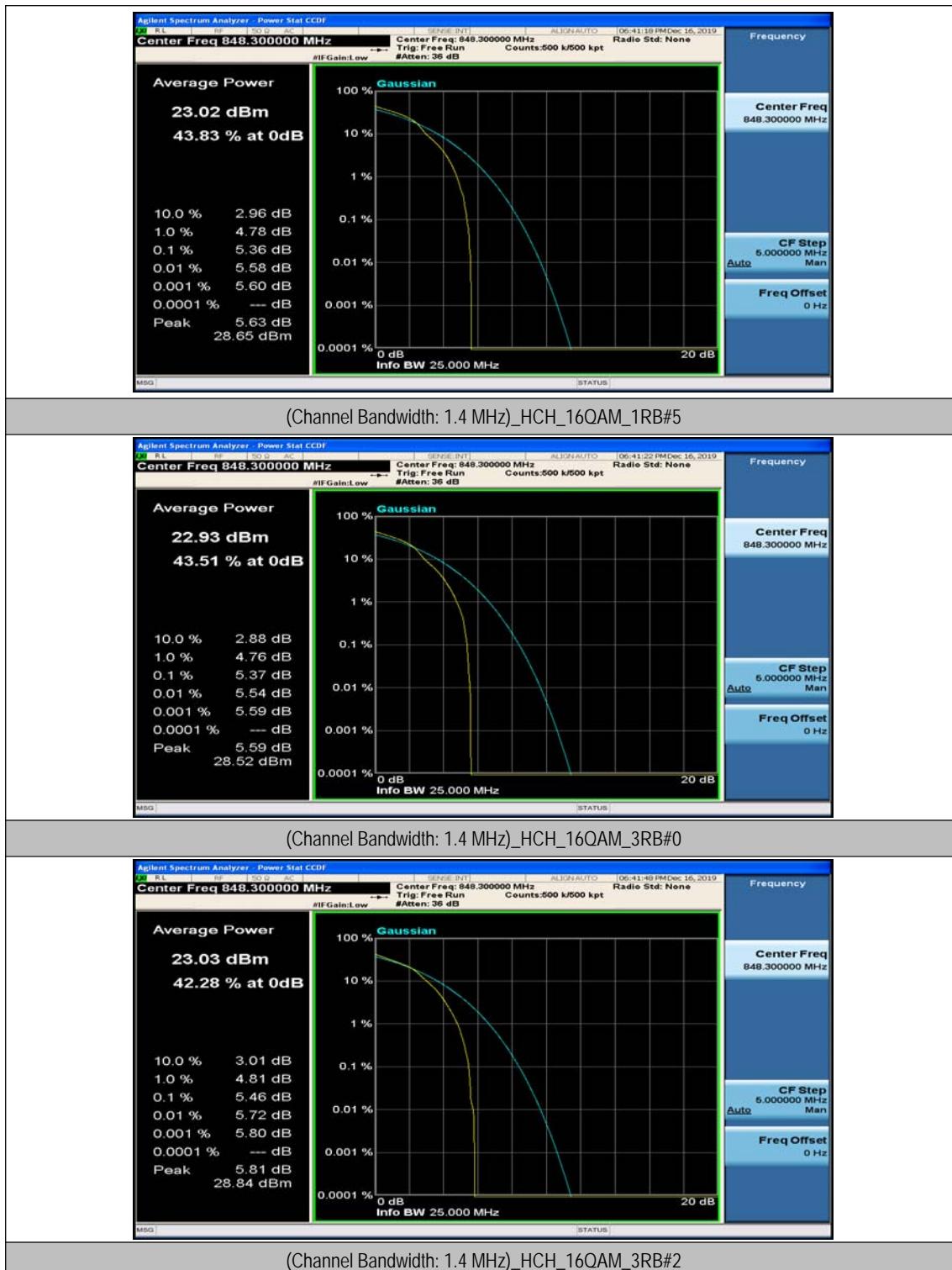


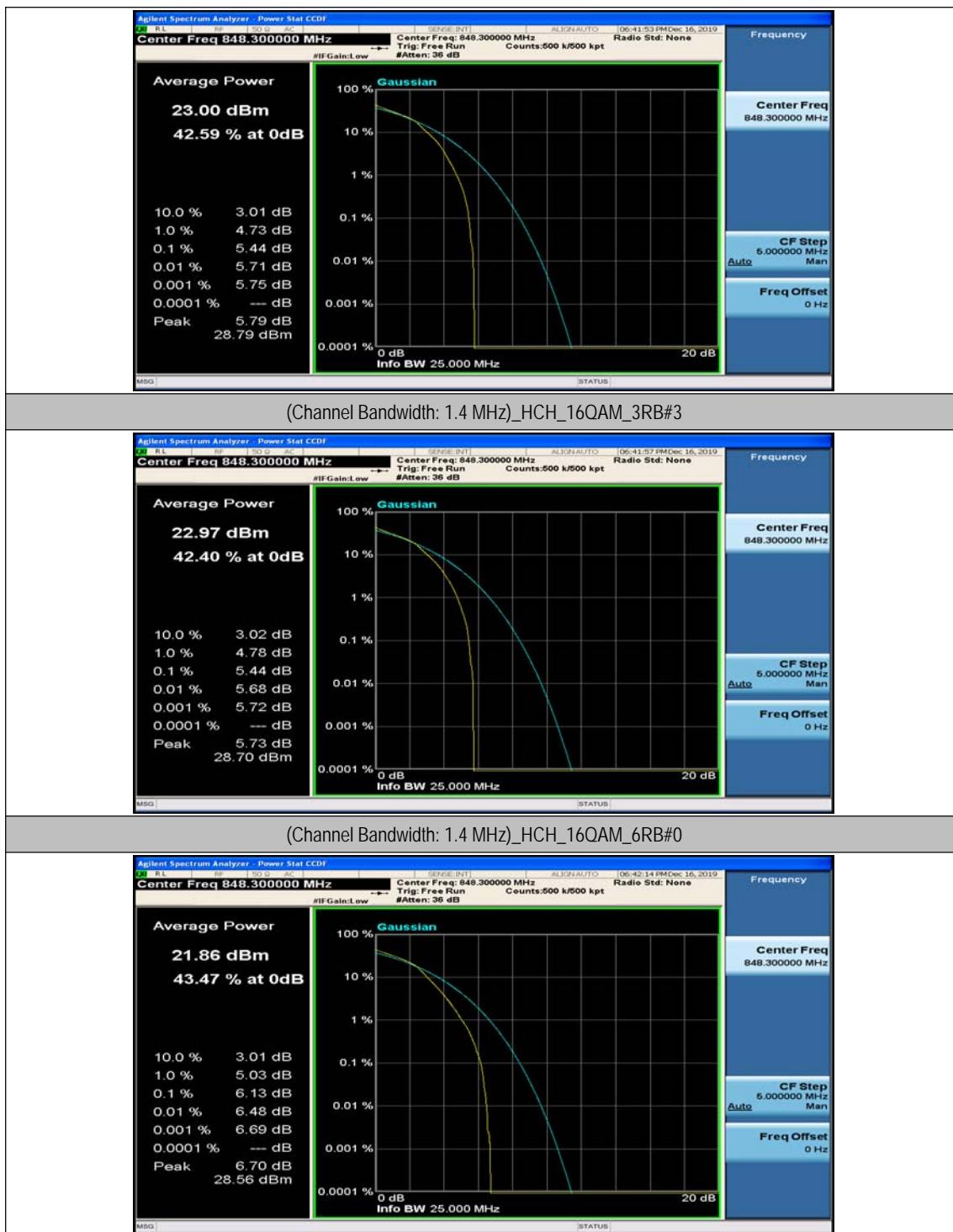




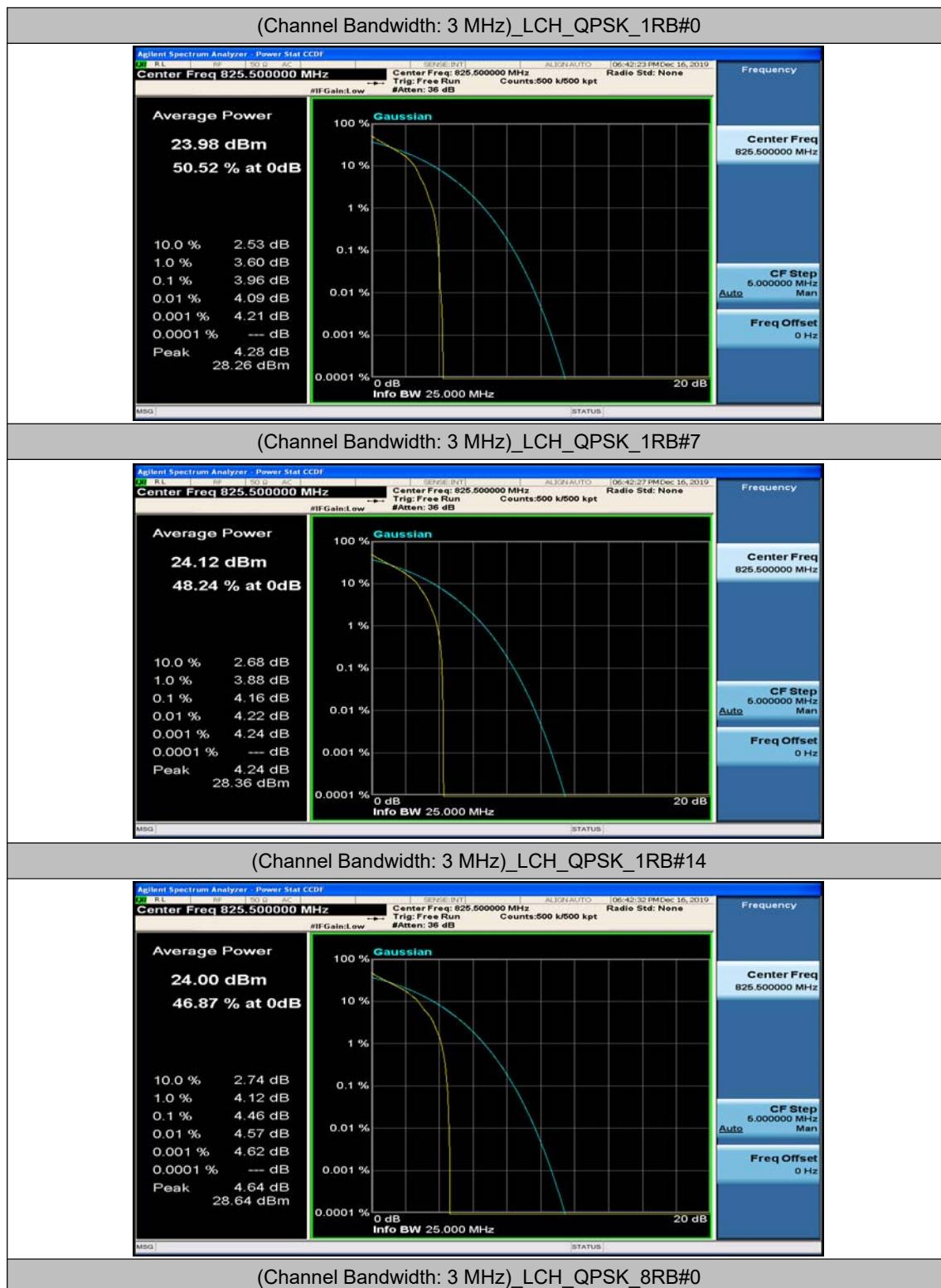


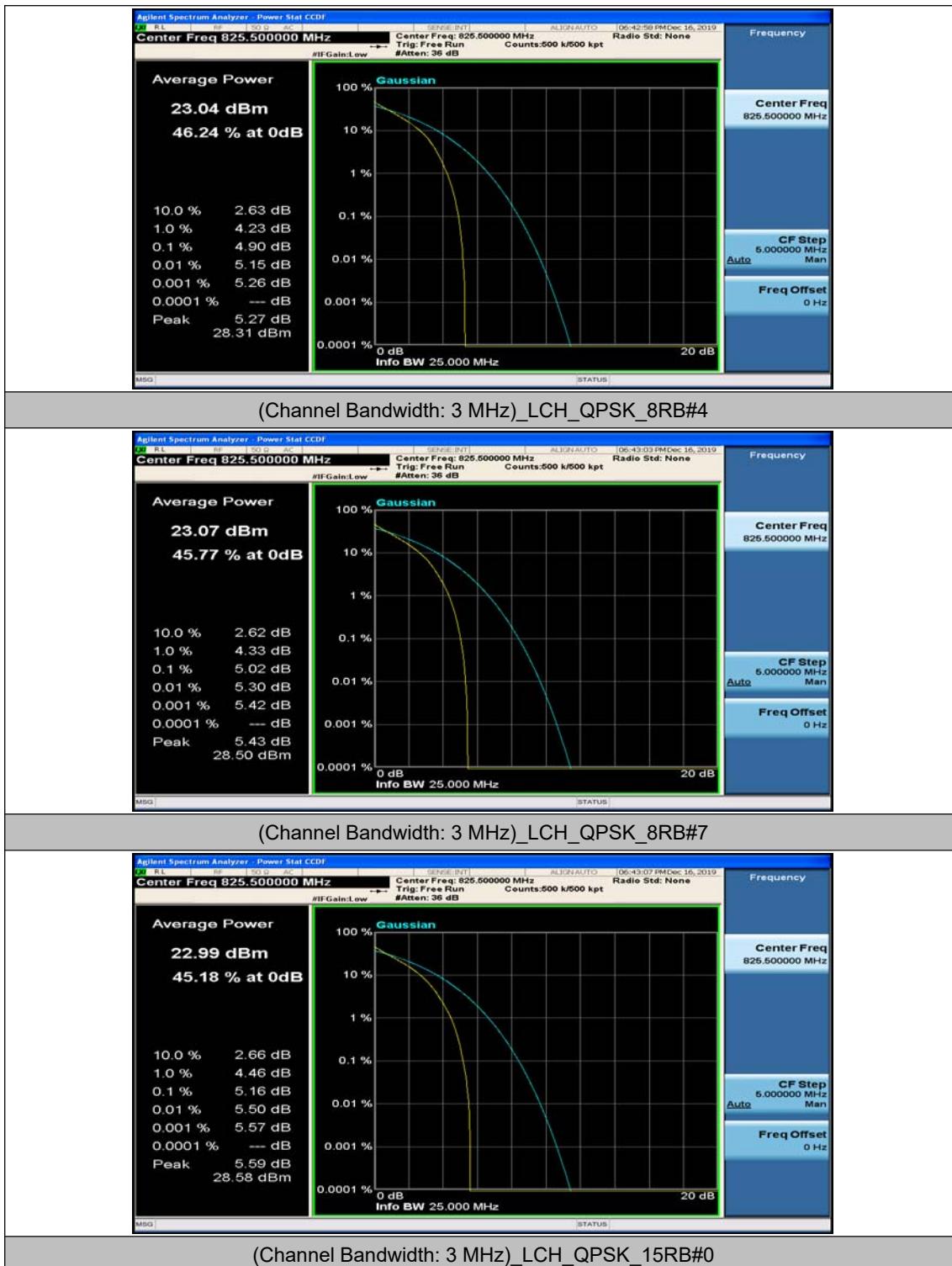


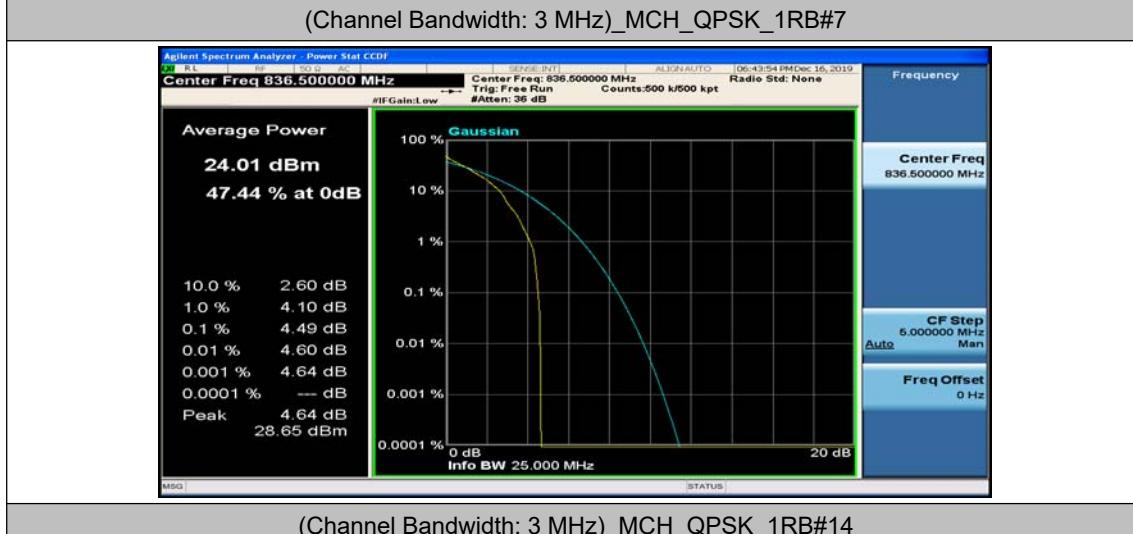
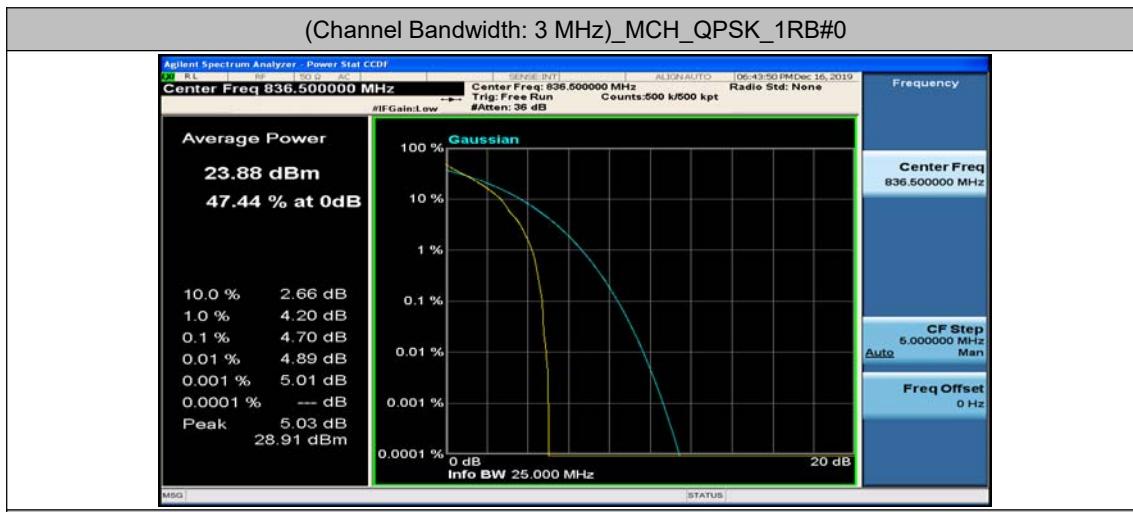
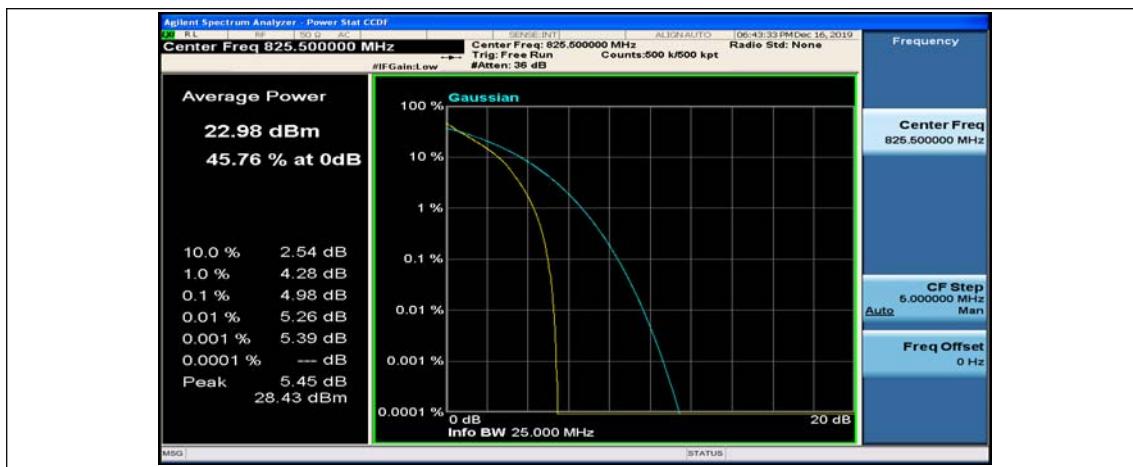




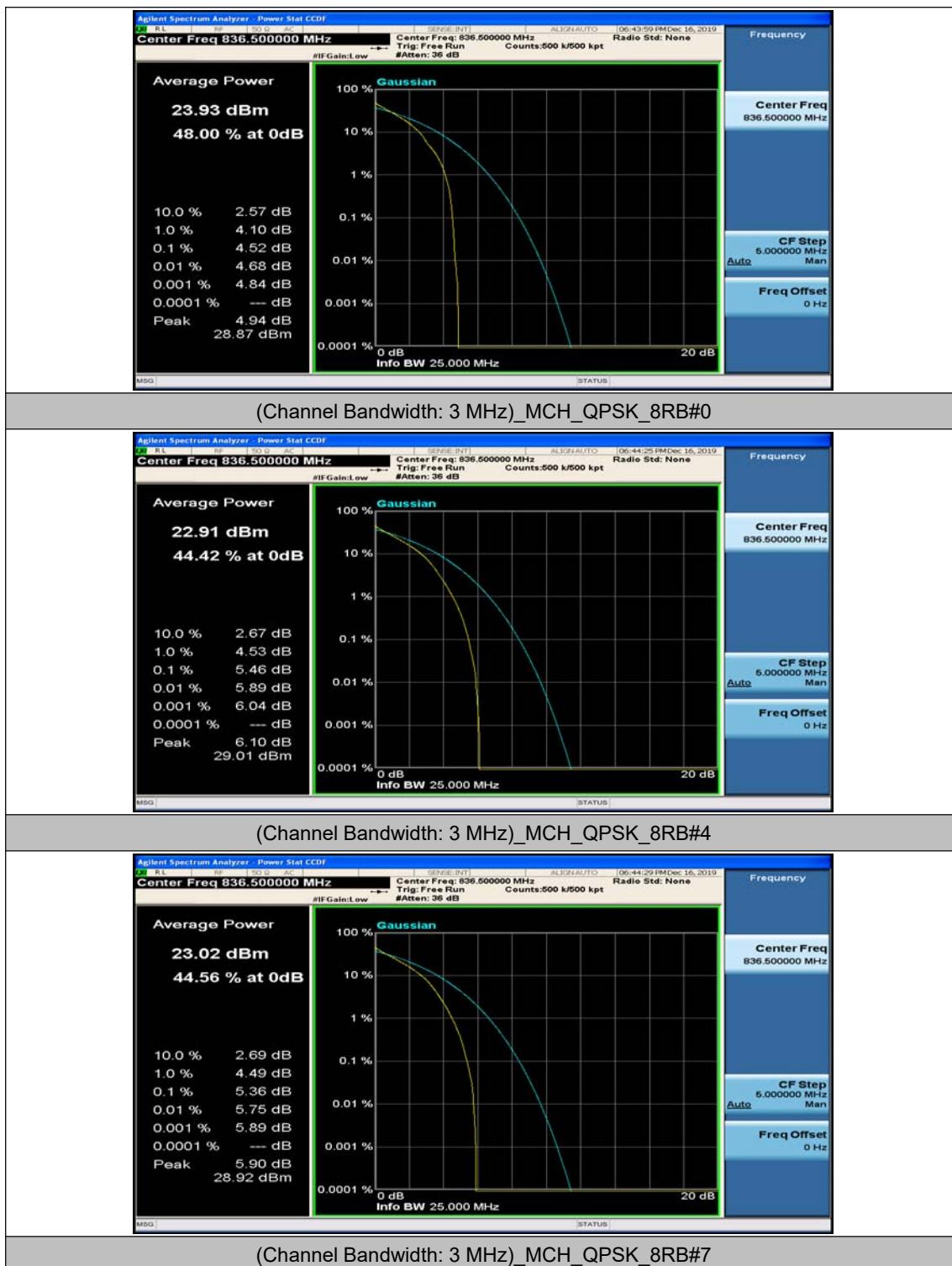
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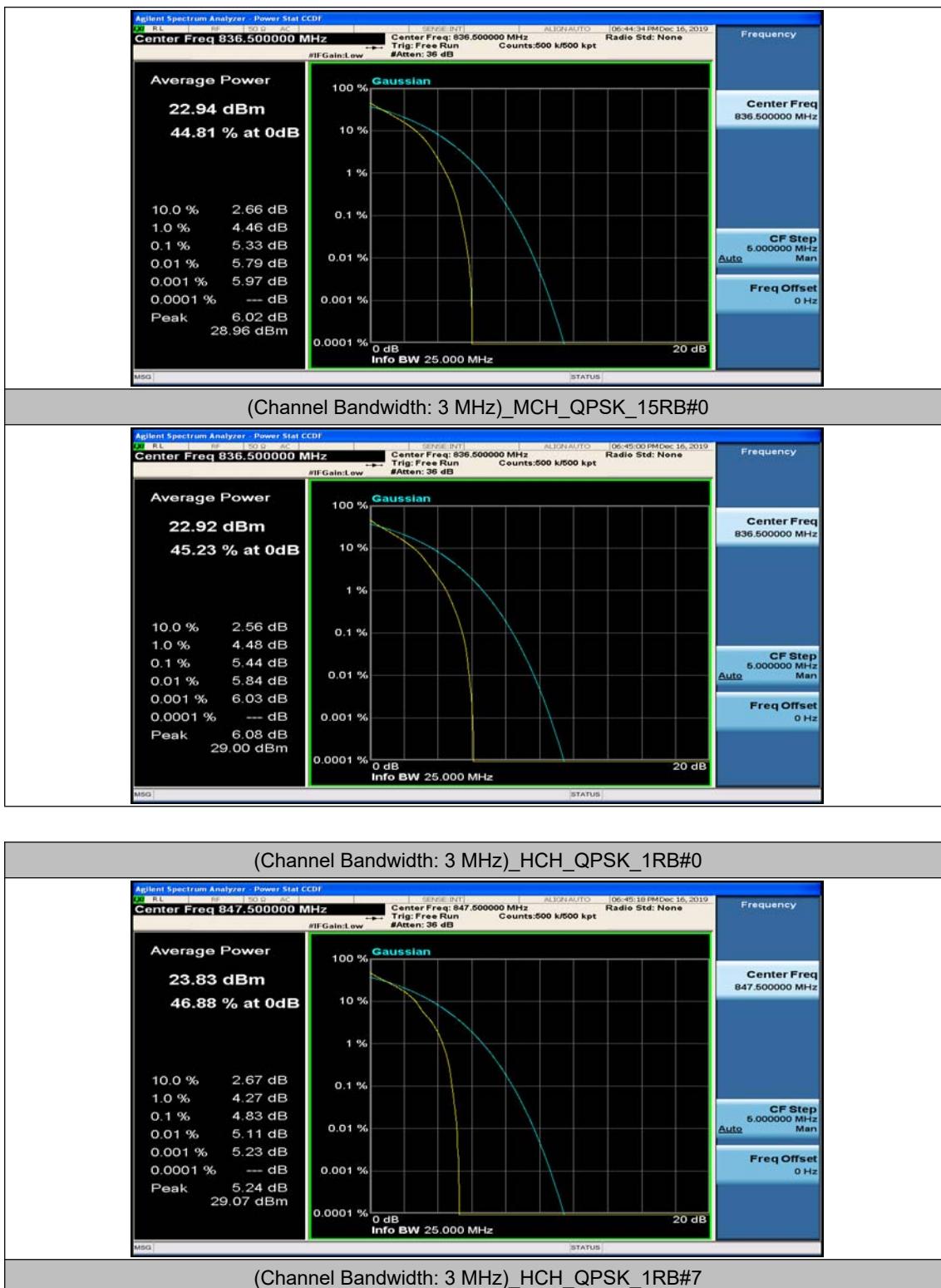


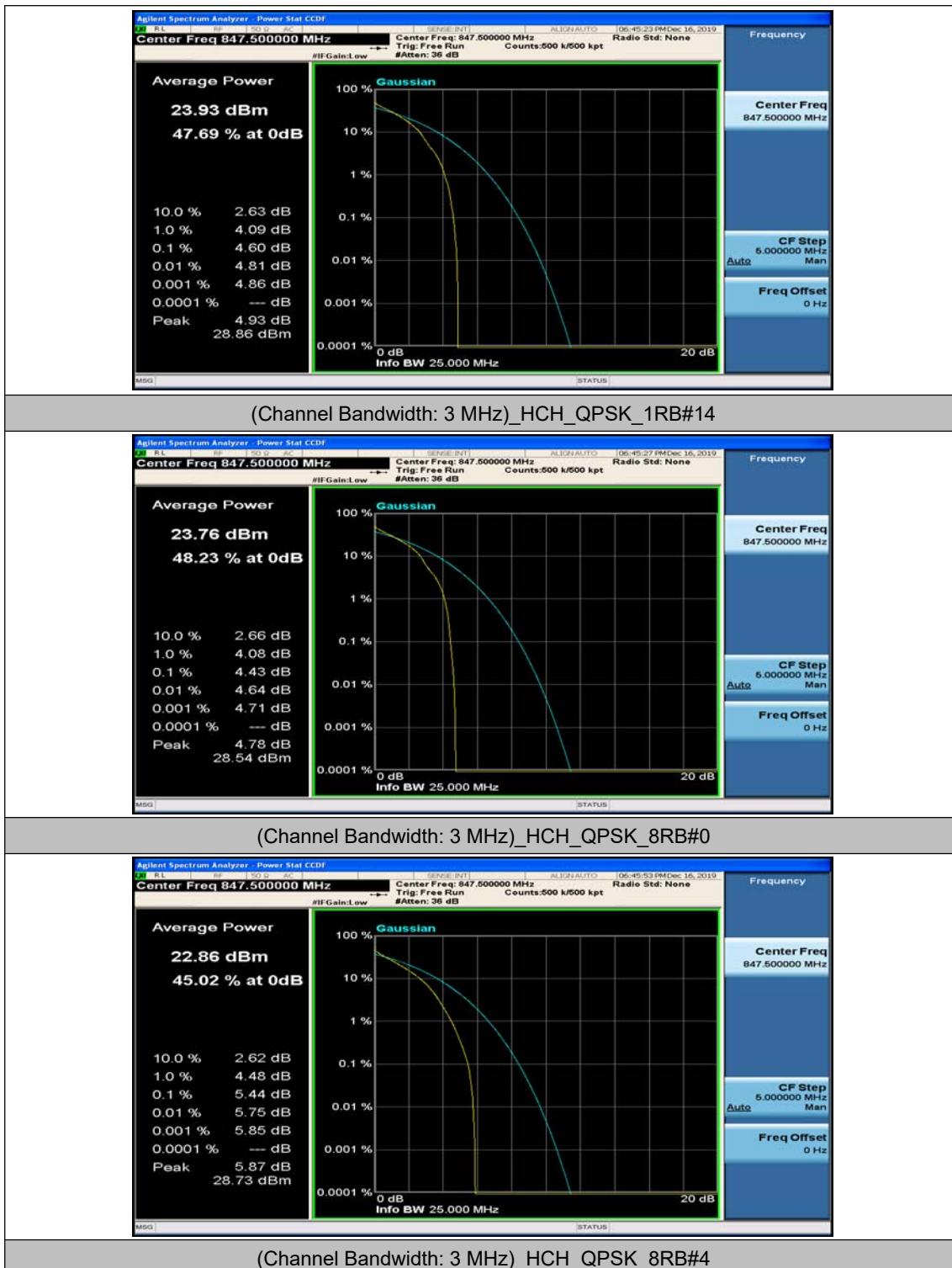


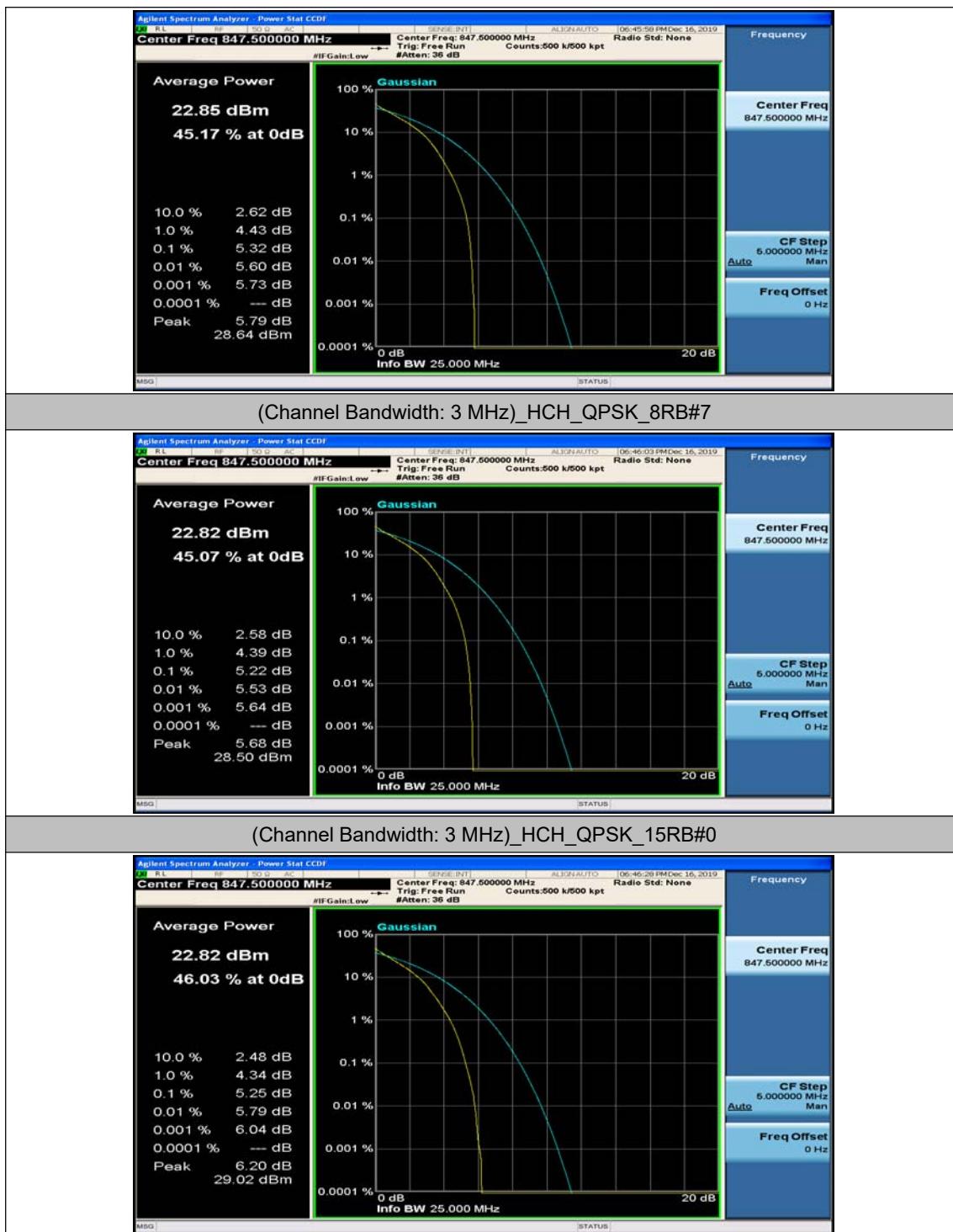


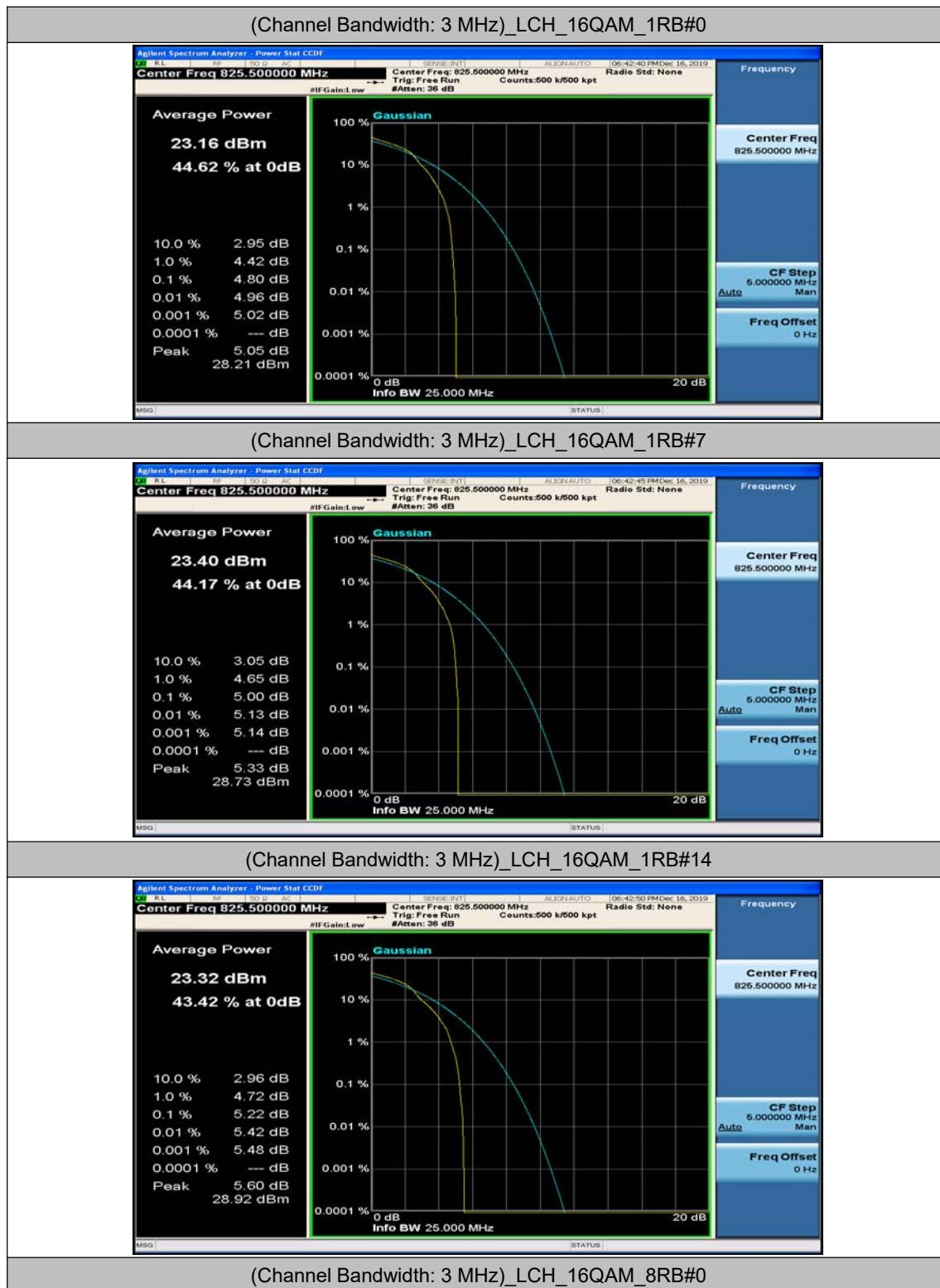
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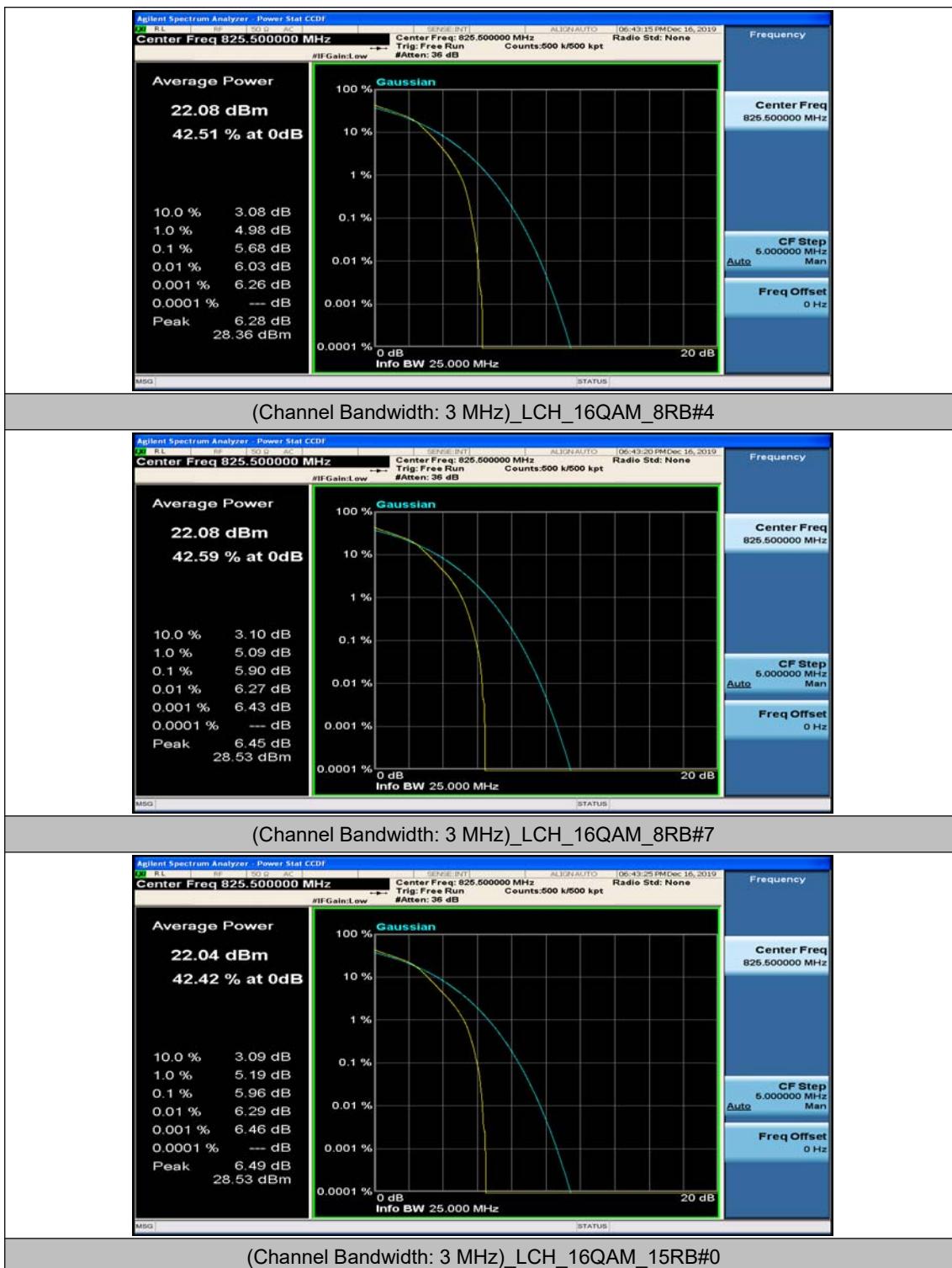


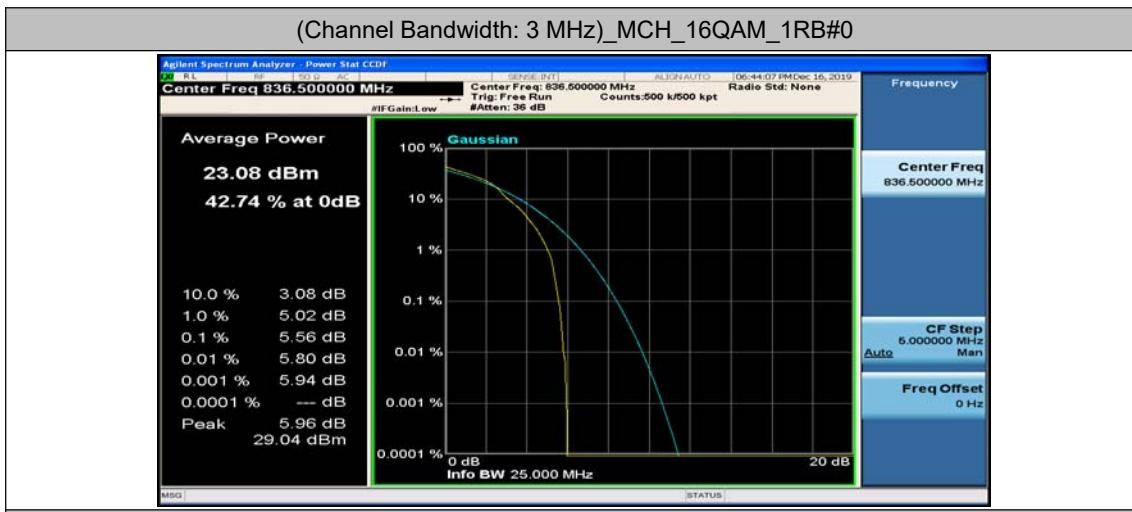
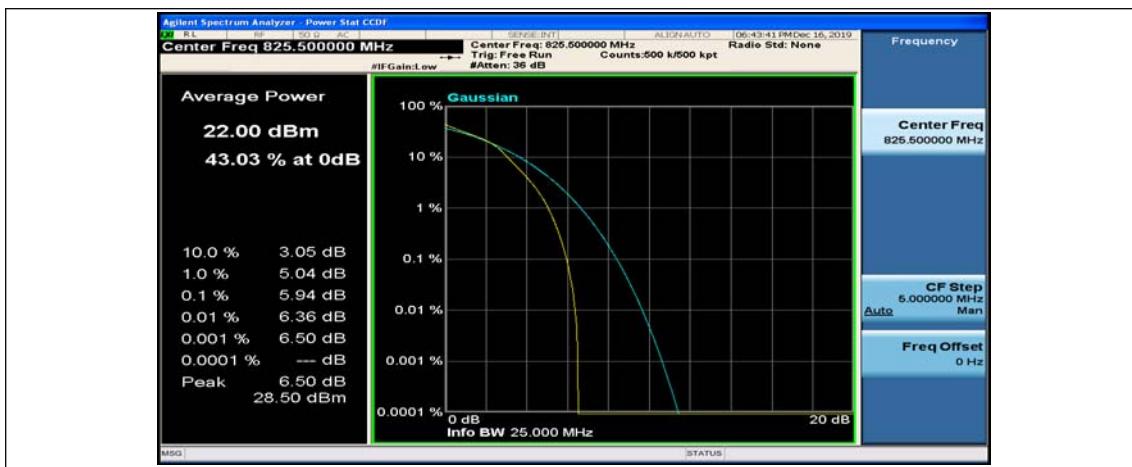


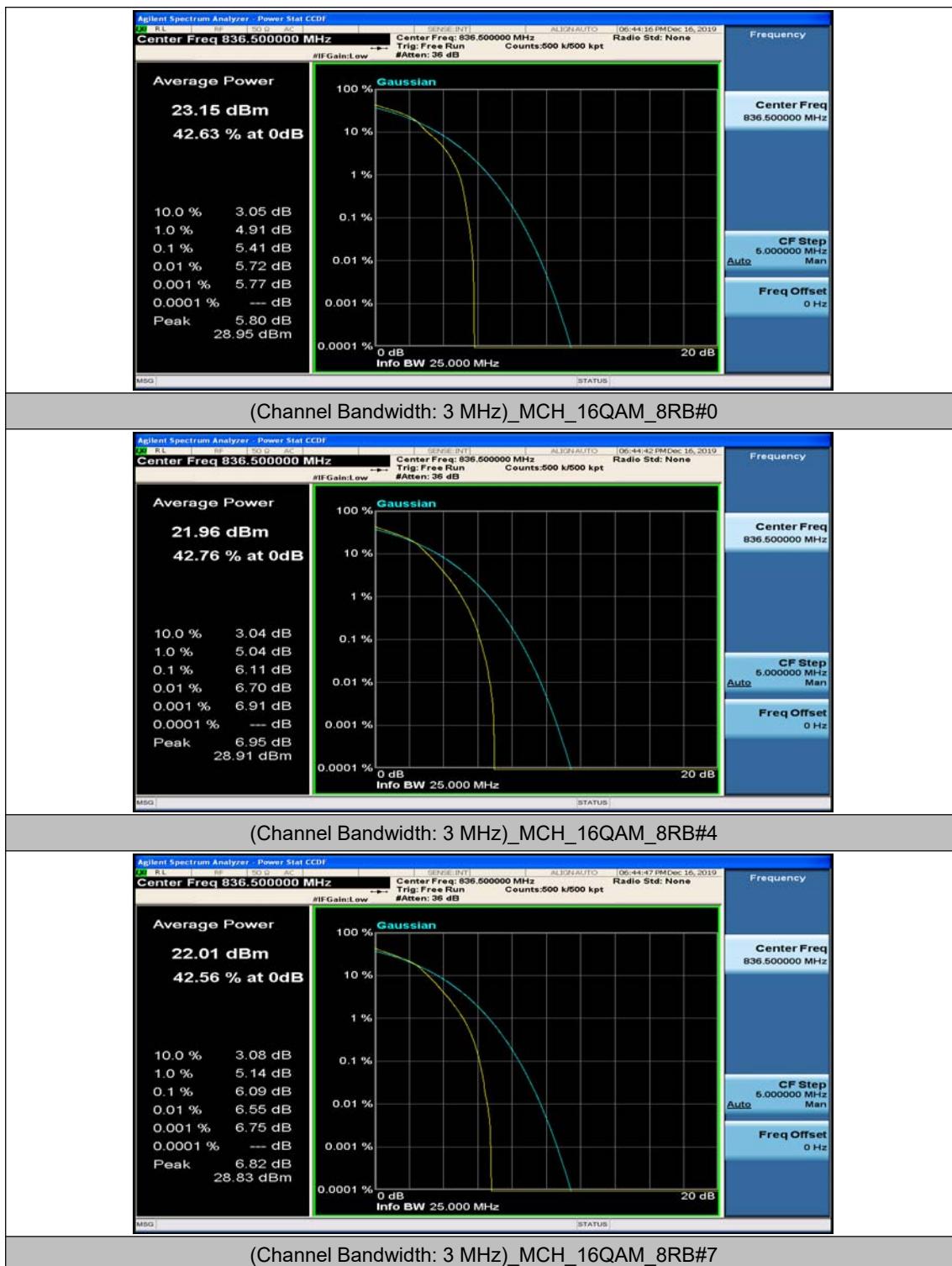


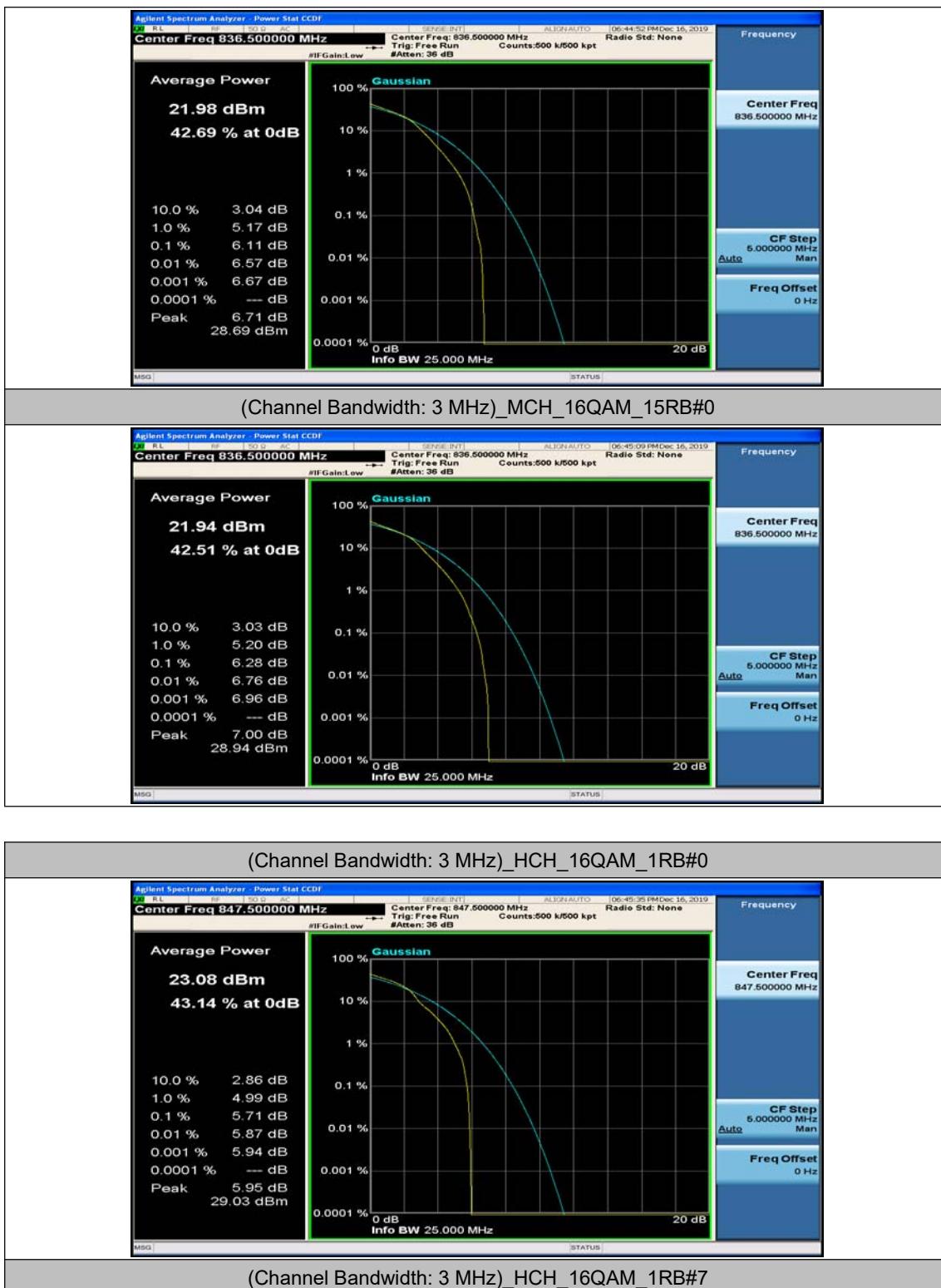


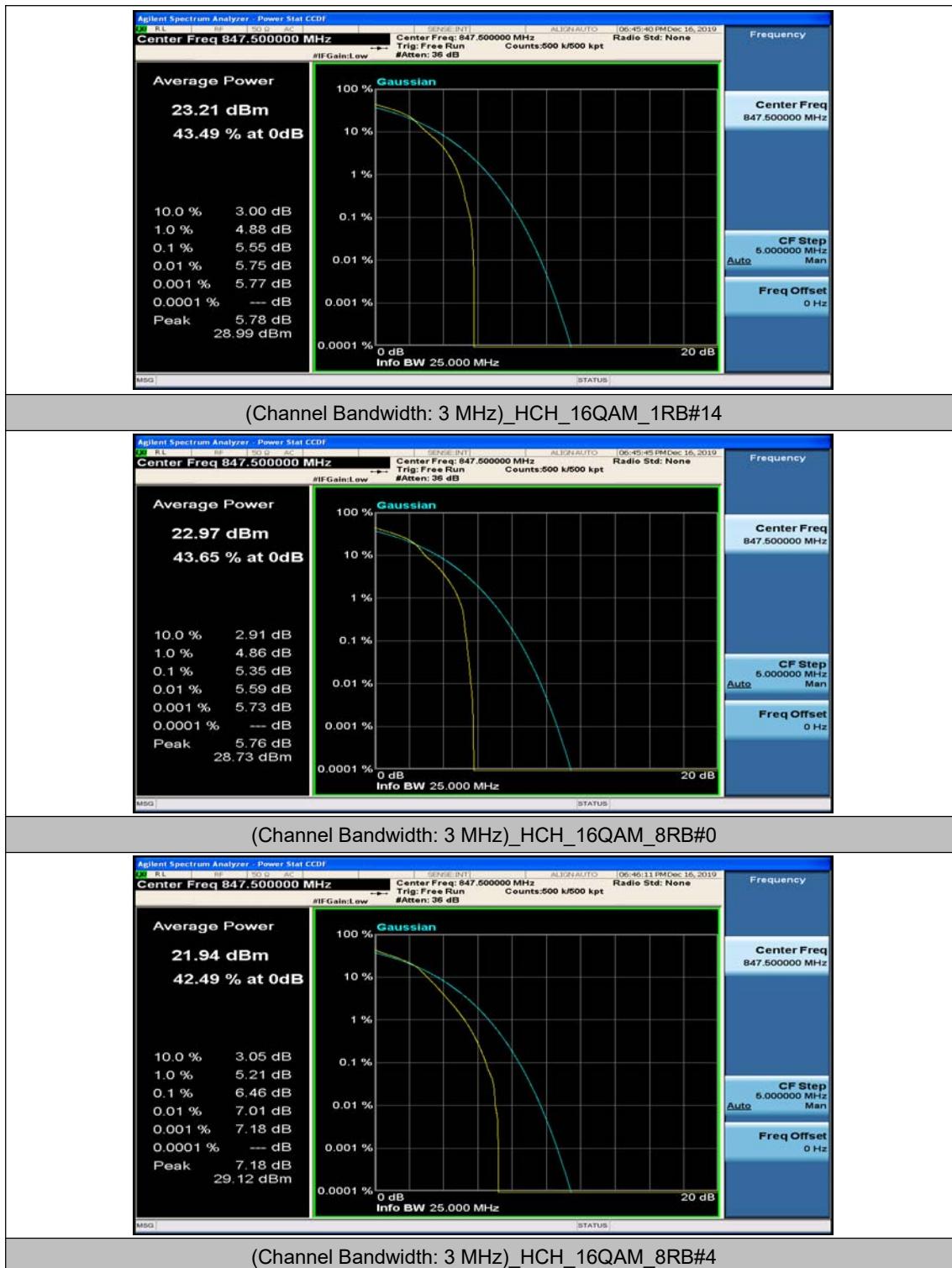


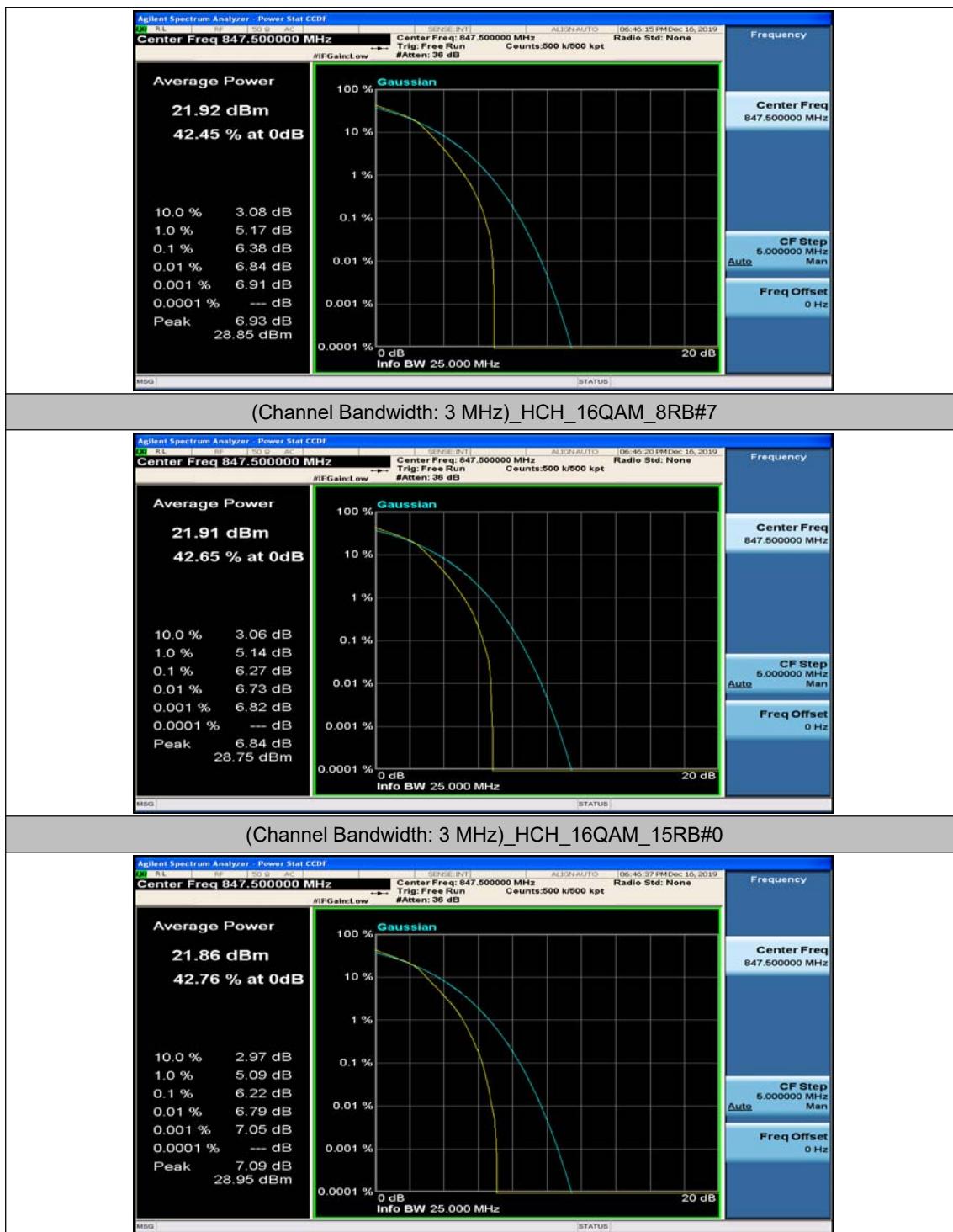




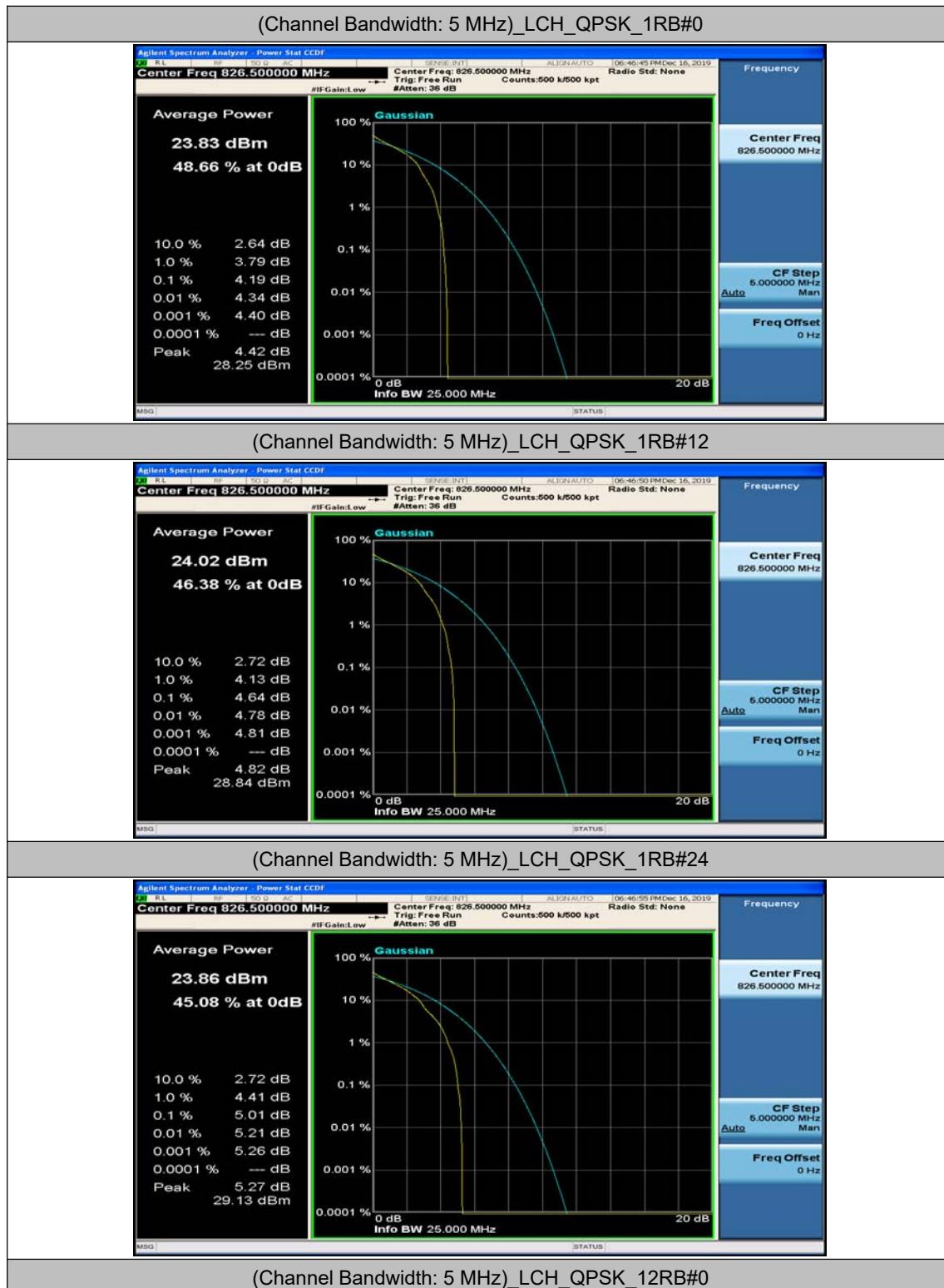


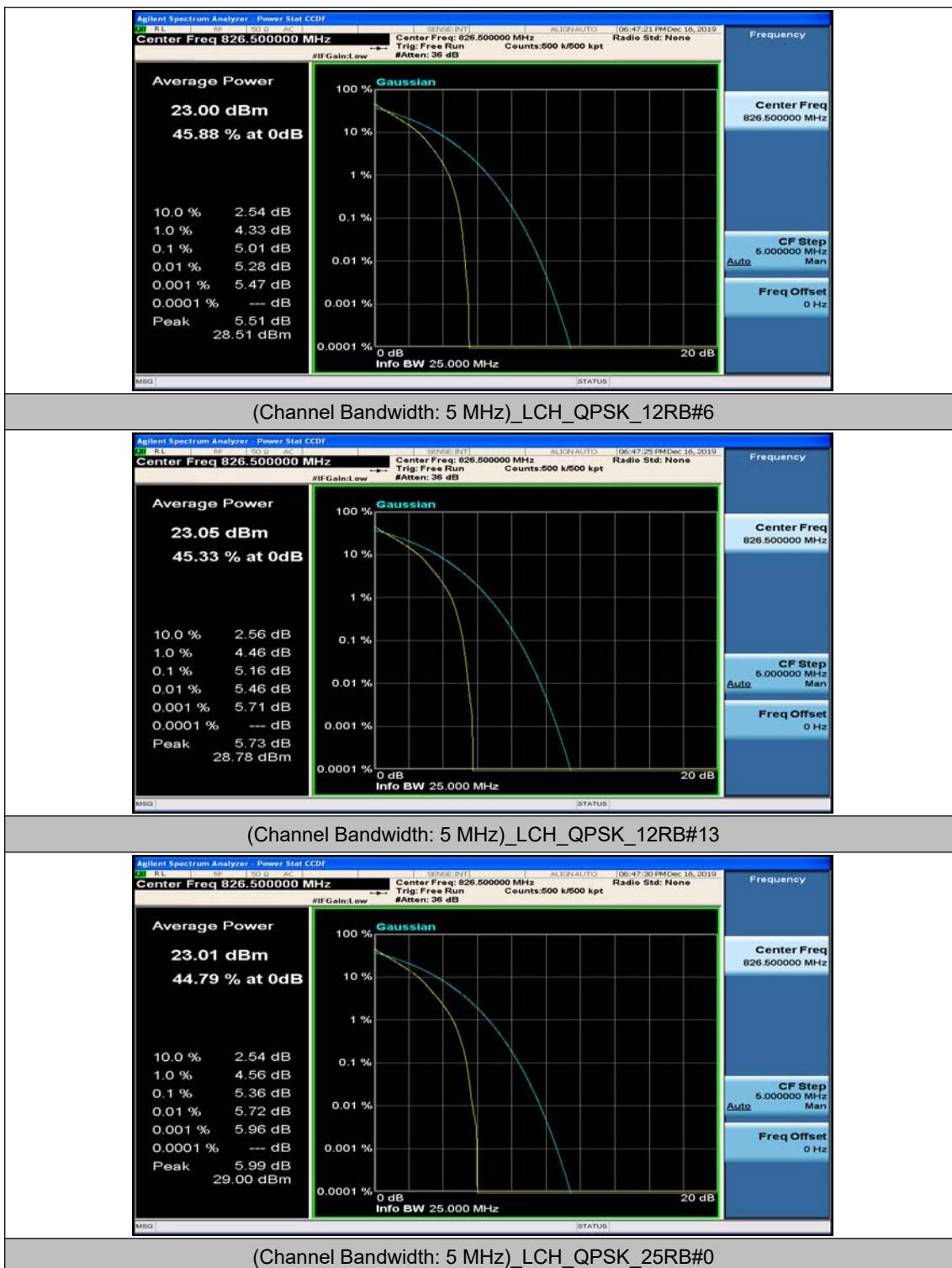


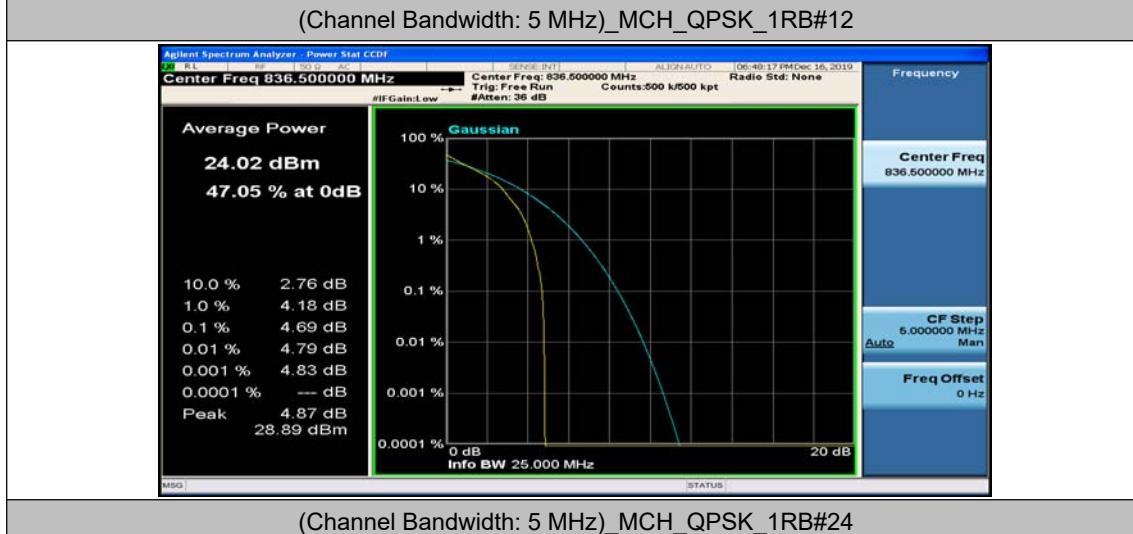
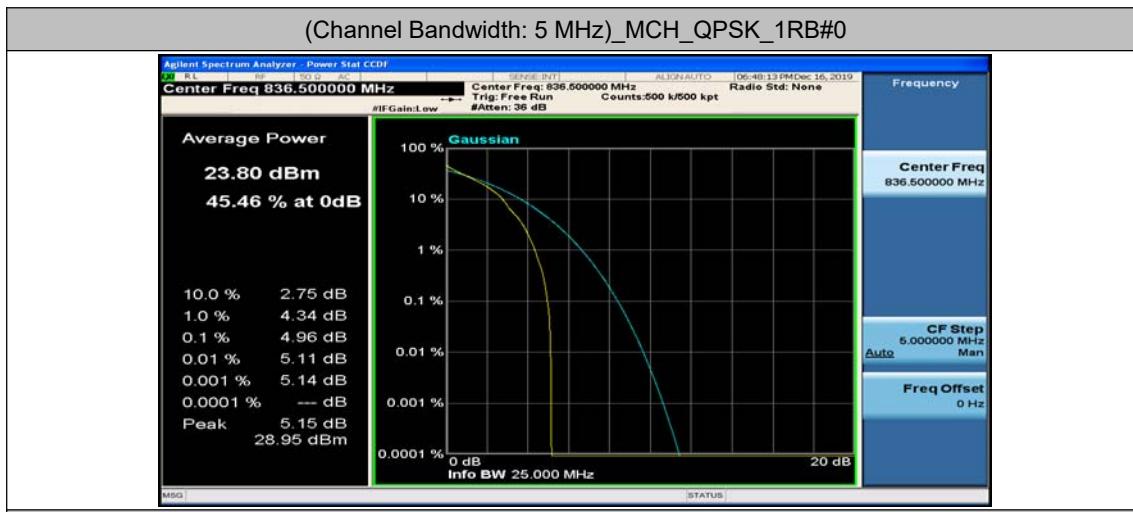
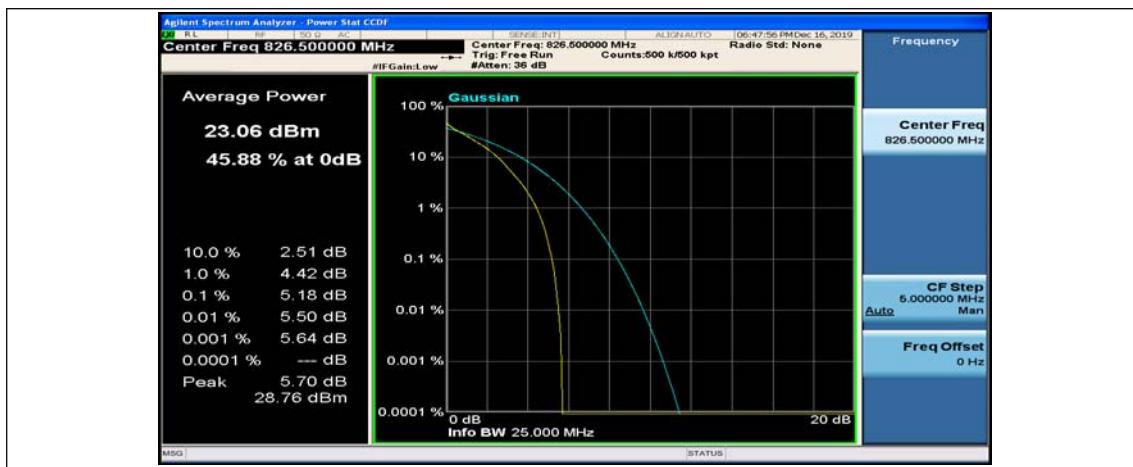




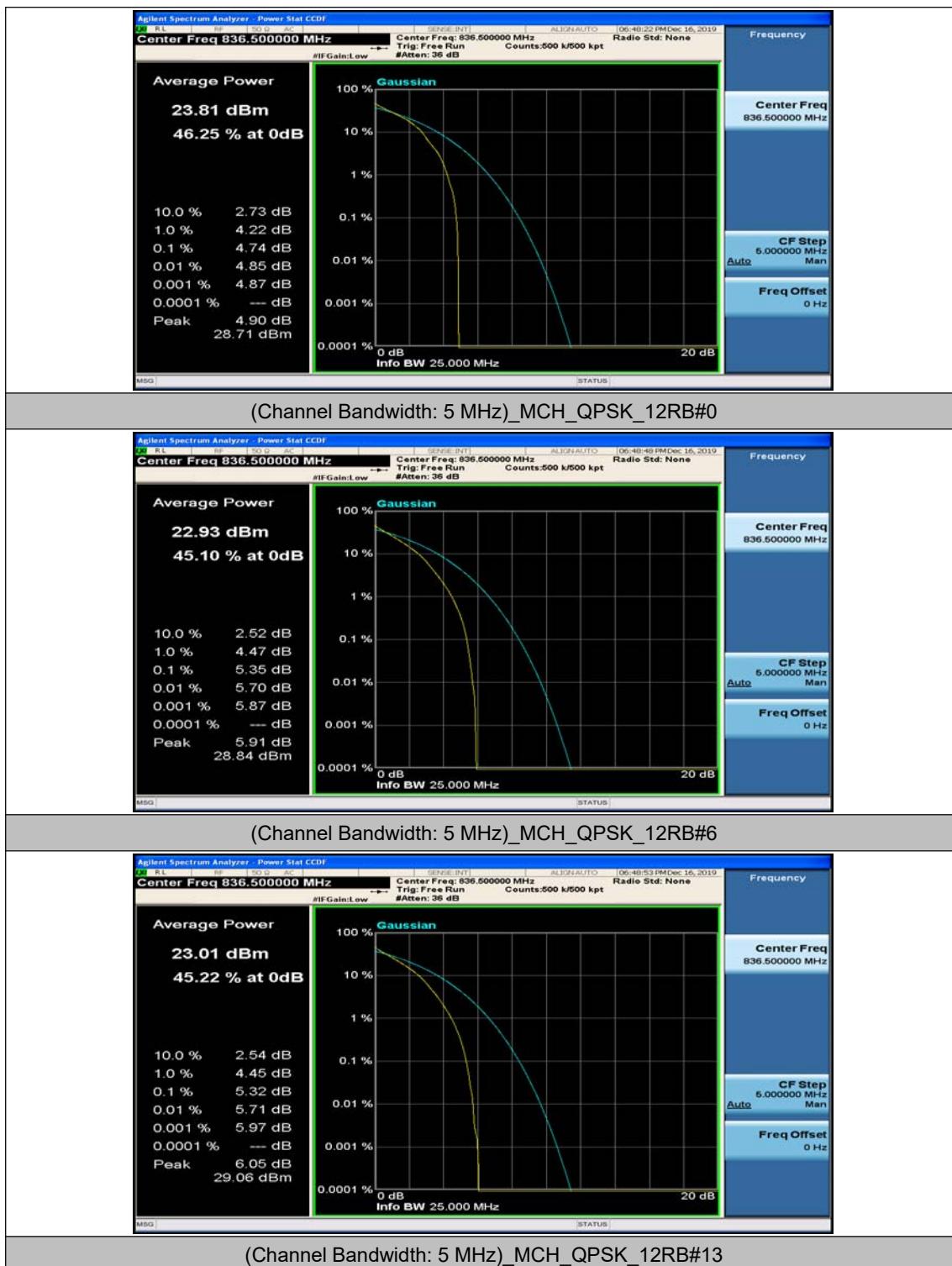
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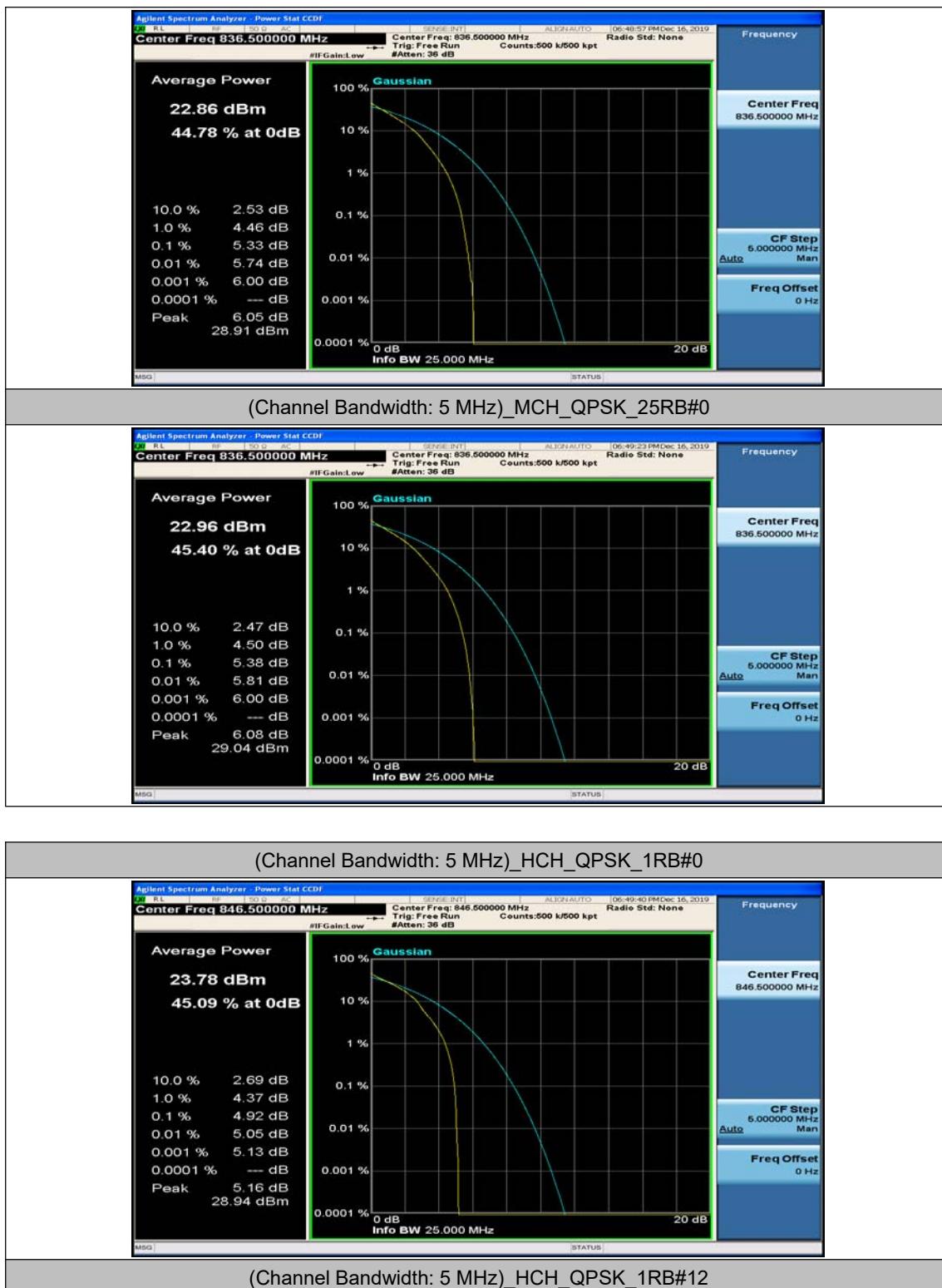


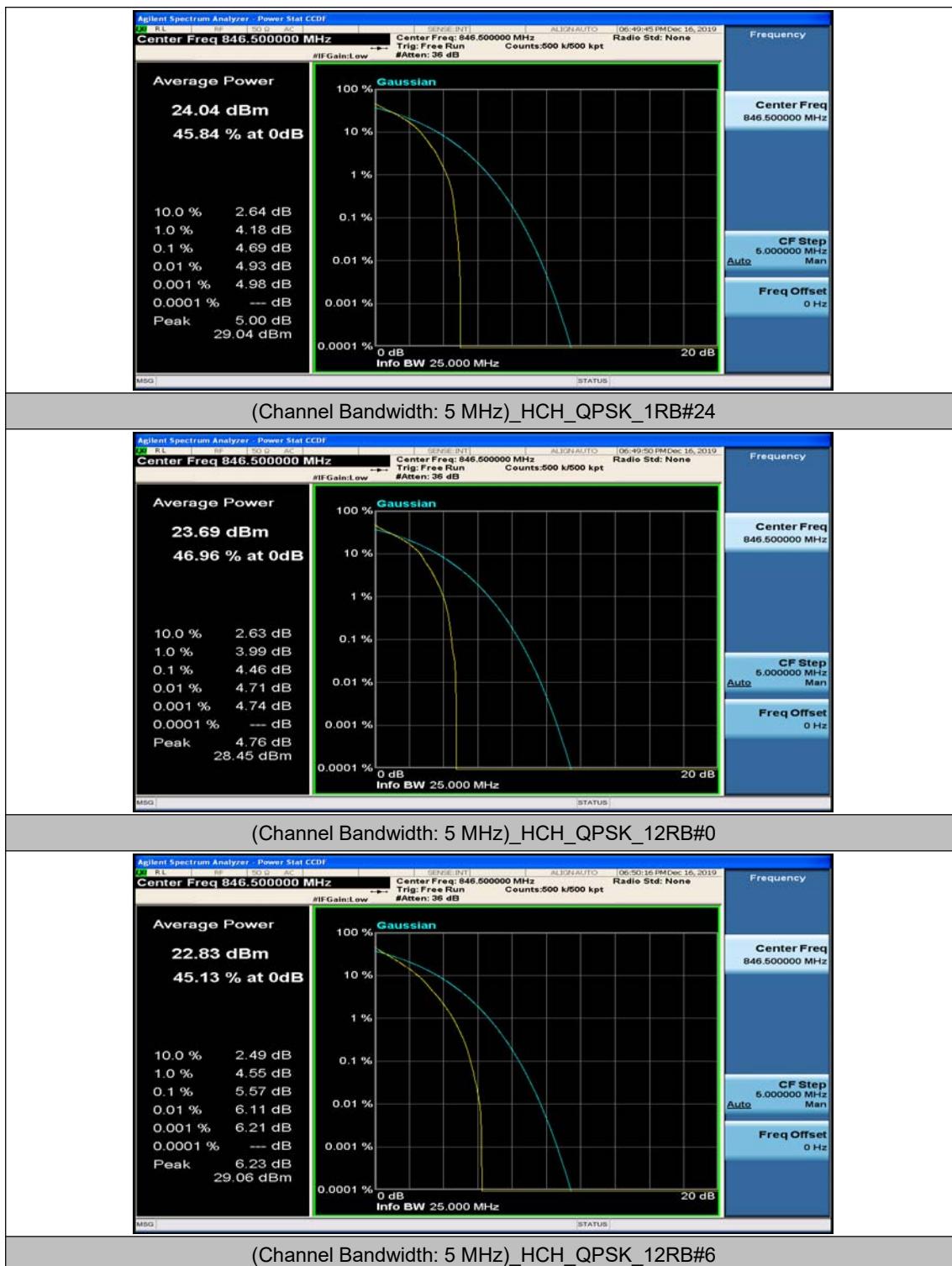


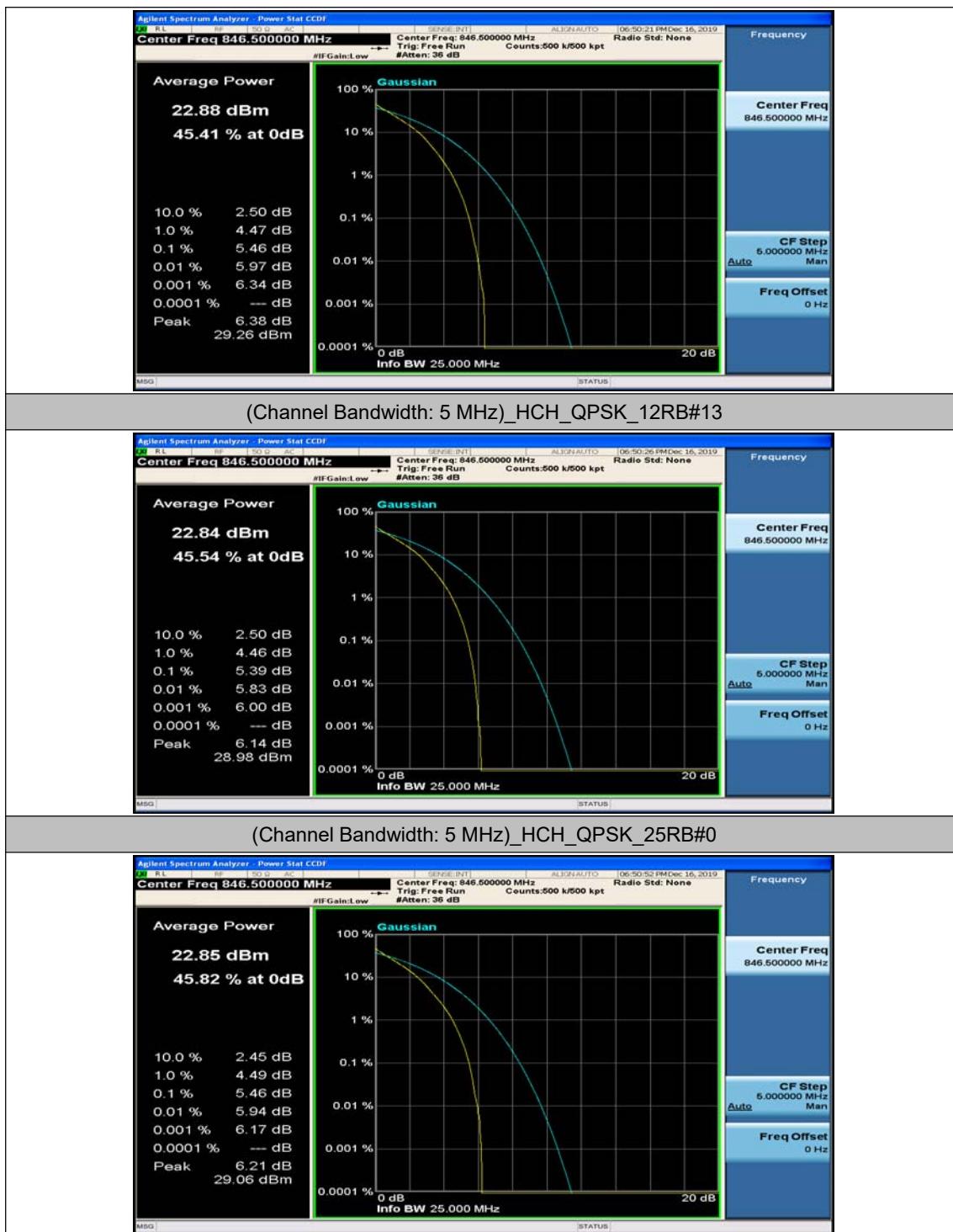


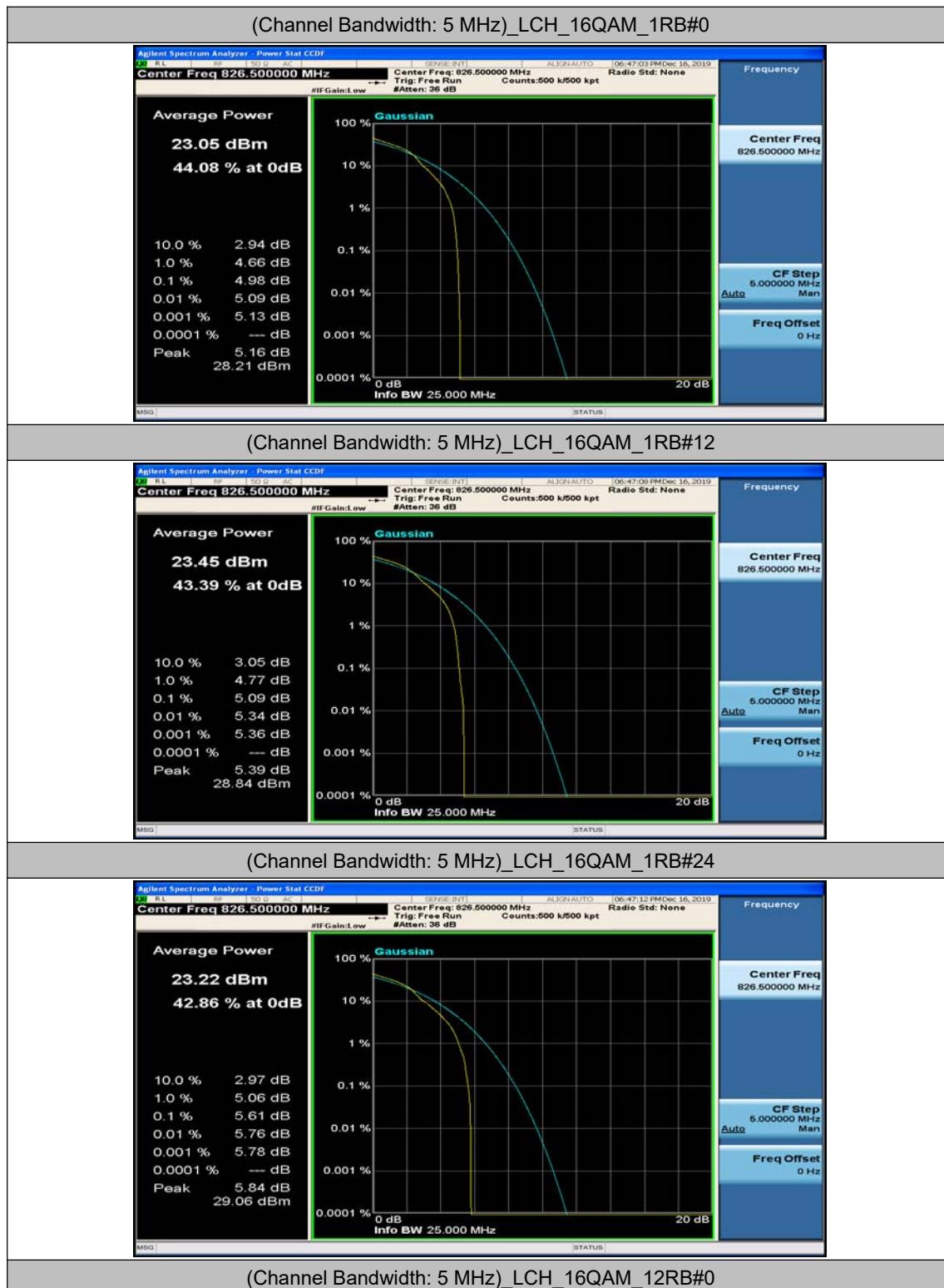
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24

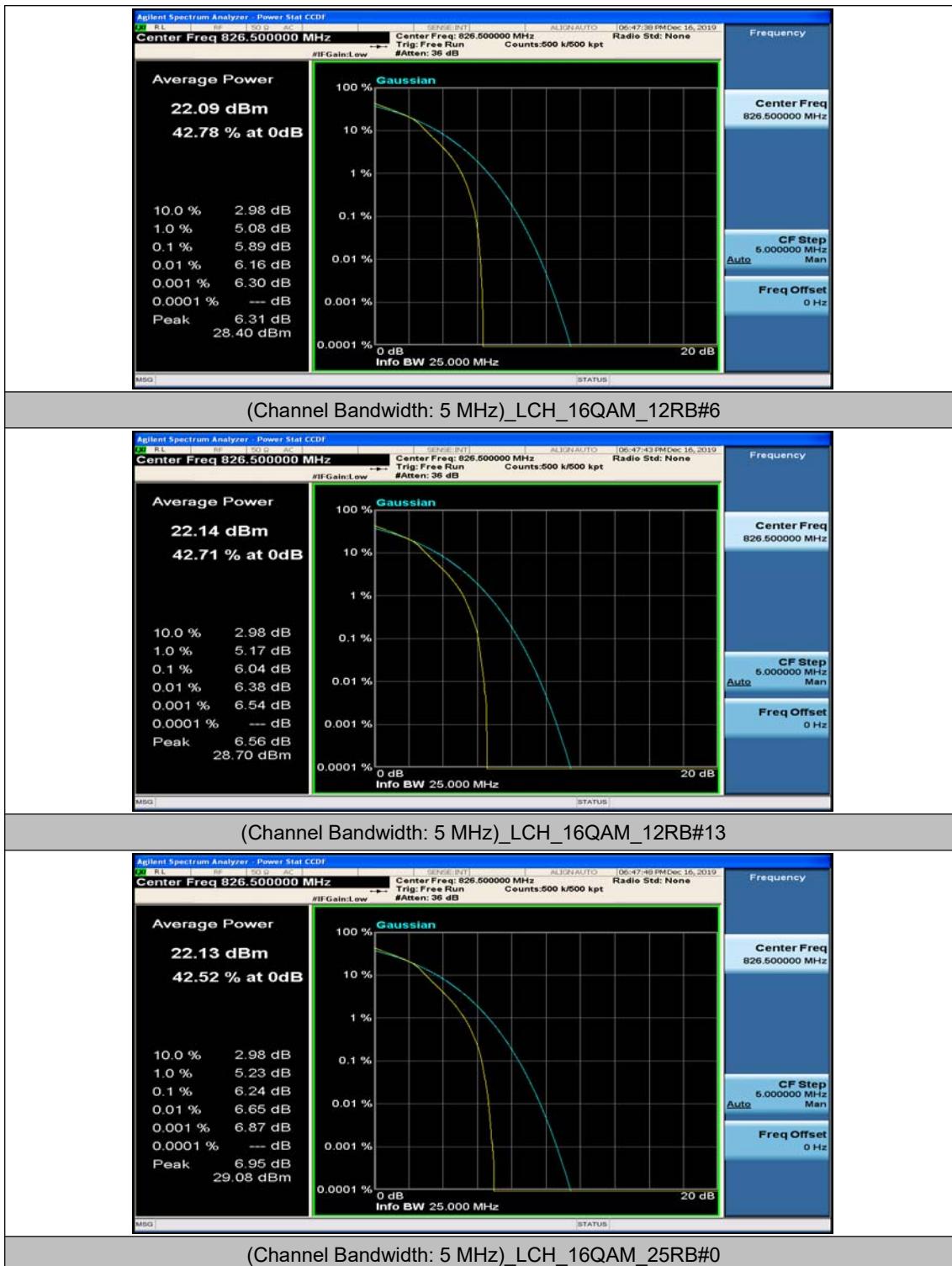


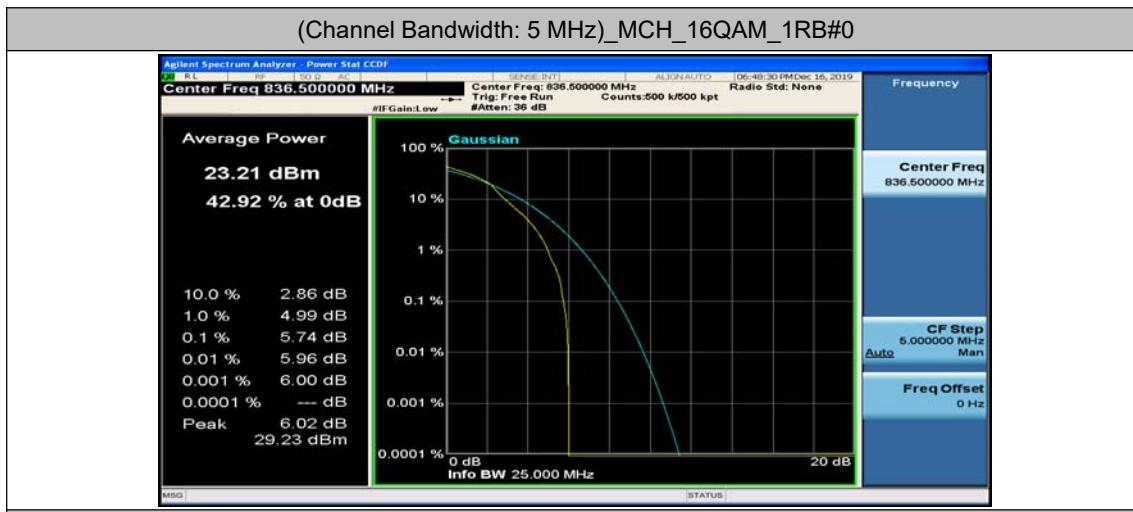












(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24

