

Appendix for Band 5/Band26(824-849MHz)

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	22.34	PASS
		1	3	22.41	PASS
		1	5	22.28	PASS
		3	0	22.35	PASS
		3	2	22.32	PASS
		3	3	22.36	PASS
		6	0	21.30	PASS
	MCH	1	0	22.46	PASS
		1	3	22.51	PASS
		1	5	22.44	PASS
		3	0	22.34	PASS
		3	2	22.33	PASS
		3	3	22.34	PASS
		6	0	21.42	PASS
16QAM	HCH	1	0	22.75	PASS
		1	3	22.89	PASS
		1	5	22.76	PASS
		3	0	22.35	PASS
		3	2	22.39	PASS
		3	3	22.36	PASS
		6	0	21.78	PASS
	LCH	1	0	21.59	PASS
		1	3	21.75	PASS
		1	5	21.64	PASS
		3	0	21.56	PASS
		3	2	21.51	PASS
		3	3	21.49	PASS
		6	0	20.35	PASS
	MCH	1	0	21.82	PASS
		1	3	22.08	PASS
		1	5	21.85	PASS
		3	0	21.55	PASS

		3	2	21.59	PASS
		3	3	21.57	PASS
		6	0	20.44	PASS
HCH	HCH	1	0	22.07	PASS
		1	3	22.30	PASS
		1	5	22.05	PASS
		3	0	21.89	PASS
		3	2	21.93	PASS
		3	3	21.89	PASS
		6	0	20.94	PASS

Channel Bandwidth: 3 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.22	PASS
		1	7	22.59	PASS
		1	14	22.34	PASS
		8	0	21.28	PASS
		8	4	21.35	PASS
		8	7	21.26	PASS
		15	0	21.23	PASS
	MCH	1	0	22.36	PASS
		1	7	22.61	PASS
		1	14	22.44	PASS
		8	0	21.38	PASS
		8	4	21.48	PASS
		8	7	21.38	PASS
		15	0	21.40	PASS
16QAM	HCH	1	0	22.78	PASS
		1	7	23.02	PASS
		1	14	22.78	PASS
		8	0	21.72	PASS
		8	4	21.76	PASS
		8	7	21.70	PASS
		15	0	21.72	PASS
	LCH	1	0	21.59	PASS
		1	7	21.85	PASS
		1	14	21.65	PASS
		8	0	20.44	PASS
		8	4	20.49	PASS
		8	7	20.57	PASS
		15	0	20.76	PASS

	MCH	1	0	21.89	PASS
		1	7	22.11	PASS
		1	14	21.97	PASS
		8	0	20.48	PASS
		8	4	20.53	PASS
		8	7	20.50	PASS
		15	0	20.50	PASS
	HCH	1	0	22.12	PASS
		1	7	22.30	PASS
		1	14	22.11	PASS
		8	0	20.73	PASS
		8	4	20.79	PASS
		8	7	20.74	PASS
		15	0	20.80	PASS

Channel Bandwidth: 5 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.26	PASS
		1	12	22.71	PASS
		1	24	22.38	PASS
		12	0	21.33	PASS
		12	6	21.41	PASS
		12	13	21.31	PASS
		25	0	21.40	PASS
	MCH	1	0	22.40	PASS
		1	12	22.74	PASS
		1	24	22.46	PASS
		12	0	21.39	PASS
		12	6	21.53	PASS
		12	13	21.46	PASS
		25	0	21.50	PASS
	HCH	1	0	22.72	PASS
		1	12	23.12	PASS
		1	24	22.80	PASS
		12	0	21.65	PASS
		12	6	21.78	PASS
		12	13	21.71	PASS
		25	0	21.74	PASS
16QAM	LCH	1	0	21.57	PASS
		1	12	21.94	PASS
		1	24	21.66	PASS

		12	0	20.47	PASS
		12	6	20.51	PASS
		12	13	20.43	PASS
		25	0	20.45	PASS
MCH	MCH	1	0	21.74	PASS
		1	12	22.06	PASS
		1	24	21.78	PASS
		12	0	20.62	PASS
		12	6	20.72	PASS
		12	13	20.61	PASS
		25	0	20.58	PASS
HCH	HCH	1	0	21.95	PASS
		1	12	22.28	PASS
		1	24	21.97	PASS
		12	0	20.70	PASS
		12	6	20.86	PASS
		12	13	20.72	PASS
		25	0	20.88	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.33	PASS
		1	24	22.55	PASS
		1	49	22.37	PASS
		25	0	22.48	PASS
		25	12	22.41	PASS
		25	25	22.39	PASS
		50	0	21.46	PASS
QPSK	MCH	1	0	23.12	PASS
		1	24	22.64	PASS
		1	49	22.56	PASS
		25	0	21.43	PASS
		25	12	21.49	PASS
		25	25	21.45	PASS
		50	0	21.44	PASS
QPSK	HCH	1	0	23.14	PASS
		1	24	22.88	PASS
		1	49	22.75	PASS
		25	0	21.82	PASS
		25	12	21.74	PASS
		25	25	21.88	PASS

		50	0	21.83	PASS
16QAM	LCH	1	0	21.65	PASS
		1	24	21.88	PASS
		1	49	21.77	PASS
		25	0	20.61	PASS
		25	12	20.78	PASS
		25	25	20.59	PASS
		50	0	20.64	PASS
	MCH	1	0	21.84	PASS
		1	24	22.11	PASS
		1	49	22.01	PASS
		25	0	20.51	PASS
		25	12	20.60	PASS
		25	25	20.57	PASS
		50	0	20.55	PASS
	HCH	1	0	21.93	PASS
		1	24	22.21	PASS
		1	49	22.06	PASS
		25	0	20.93	PASS
		25	12	20.83	PASS
		25	25	20.96	PASS
		50	0	20.91	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	5.26	<13	PASS
		1	3	5.49	<13	PASS
		1	5	5.61	<13	PASS
		3	0	5.4	<13	PASS
		3	2	5.28	<13	PASS
		3	3	5.44	<13	PASS
		6	0	5.78	<13	PASS
	MCH	1	0	5.38	<13	PASS
		1	3	5.15	<13	PASS
		1	5	5.24	<13	PASS
		3	0	5.44	<13	PASS
		3	2	5.51	<13	PASS
		3	3	5.44	<13	PASS
		6	0	5.81	<13	PASS
16QAM	LCH	1	0	5.28	<13	PASS
		1	3	5.31	<13	PASS
		1	5	5.11	<13	PASS
		3	0	5.37	<13	PASS
		3	2	5.3	<13	PASS
		3	3	5.4	<13	PASS
		6	0	5.55	<13	PASS
	MCH	1	0	6.31	<13	PASS
		1	3	6.34	<13	PASS
		1	5	6.07	<13	PASS
		3	0	6.25	<13	PASS
		3	2	6.49	<13	PASS
		3	3	6.38	<13	PASS
		6	0	6.78	<13	PASS

		3	2	6.45	<13	PASS
		3	3	6.47	<13	PASS
		6	0	6.64	<13	PASS
HCH		1	0	6.29	<13	PASS
		1	3	6.13	<13	PASS
		1	5	6.21	<13	PASS
		3	0	6.14	<13	PASS
		3	2	6.18	<13	PASS
		3	3	6.09	<13	PASS
		6	0	6.56	<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	5.38	<13	PASS
		1	7	5.43	<13	PASS
		1	14	5.74	<13	PASS
		8	0	5.84	<13	PASS
		8	4	5.95	<13	PASS
		8	7	5.98	<13	PASS
		15	0	5.75	<13	PASS
	MCH	1	0	5.37	<13	PASS
		1	7	5.41	<13	PASS
		1	14	5.2	<13	PASS
		8	0	5.98	<13	PASS
		8	4	5.72	<13	PASS
		8	7	5.89	<13	PASS
		15	0	5.94	<13	PASS
	HCH	1	0	5.27	<13	PASS
		1	7	5.12	<13	PASS
		1	14	5.42	<13	PASS
		8	0	5.86	<13	PASS
		8	4	5.77	<13	PASS
		8	7	5.77	<13	PASS
		15	0	5.71	<13	PASS
16QAM	LCH	1	0	6.41	<13	PASS
		1	7	6.36	<13	PASS
		1	14	6.56	<13	PASS
		8	0	6.63	<13	PASS
		8	4	6.64	<13	PASS

		8	7	6.58	<13	PASS
		15	0	6.83	<13	PASS
MCH		1	0	6.29	<13	PASS
		1	7	6.29	<13	PASS
		1	14	6.09	<13	PASS
		8	0	6.61	<13	PASS
		8	4	6.56	<13	PASS
		8	7	6.54	<13	PASS
		15	0	6.47	<13	PASS
HCH		1	0	6.35	<13	PASS
		1	7	6.52	<13	PASS
		1	14	6.21	<13	PASS
		8	0	6.77	<13	PASS
		8	4	6.81	<13	PASS
		8	7	6.76	<13	PASS
		15	0	6.59	<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	5.65	<13	PASS
		1	12	5.7	<13	PASS
		1	24	5.96	<13	PASS
		12	0	5.83	<13	PASS
		12	6	5.93	<13	PASS
		12	13	5.94	<13	PASS
		25	0	5.91	<13	PASS
	MCH	1	0	5.52	<13	PASS
		1	12	5.49	<13	PASS
		1	24	5.67	<13	PASS
		12	0	5.79	<13	PASS
		12	6	5.71	<13	PASS
		12	13	5.73	<13	PASS
		25	0	5.85	<13	PASS
	HCH	1	0	5.58	<13	PASS
		1	12	5.26	<13	PASS
		1	24	5.22	<13	PASS
		12	0	5.98	<13	PASS
		12	6	5.81	<13	PASS
		12	13	5.69	<13	PASS

		25	0	5.84	<13	PASS
16QAM	LCH	1	0	6.21	<13	PASS
		1	12	6.64	<13	PASS
		1	24	6.69	<13	PASS
		12	0	6.73	<13	PASS
		12	6	6.76	<13	PASS
		12	13	6.8	<13	PASS
		25	0	6.5	<13	PASS
	MCH	1	0	6.79	<13	PASS
		1	12	6.51	<13	PASS
		1	24	6.79	<13	PASS
		12	0	6.59	<13	PASS
		12	6	6.55	<13	PASS
		12	13	6.52	<13	PASS
		25	0	6.6	<13	PASS
	HCH	1	0	6.66	<13	PASS
		1	12	6.51	<13	PASS
		1	24	6.22	<13	PASS
		12	0	6.76	<13	PASS
		12	6	6.62	<13	PASS
		12	13	6.57	<13	PASS
		25	0	6.61	<13	PASS

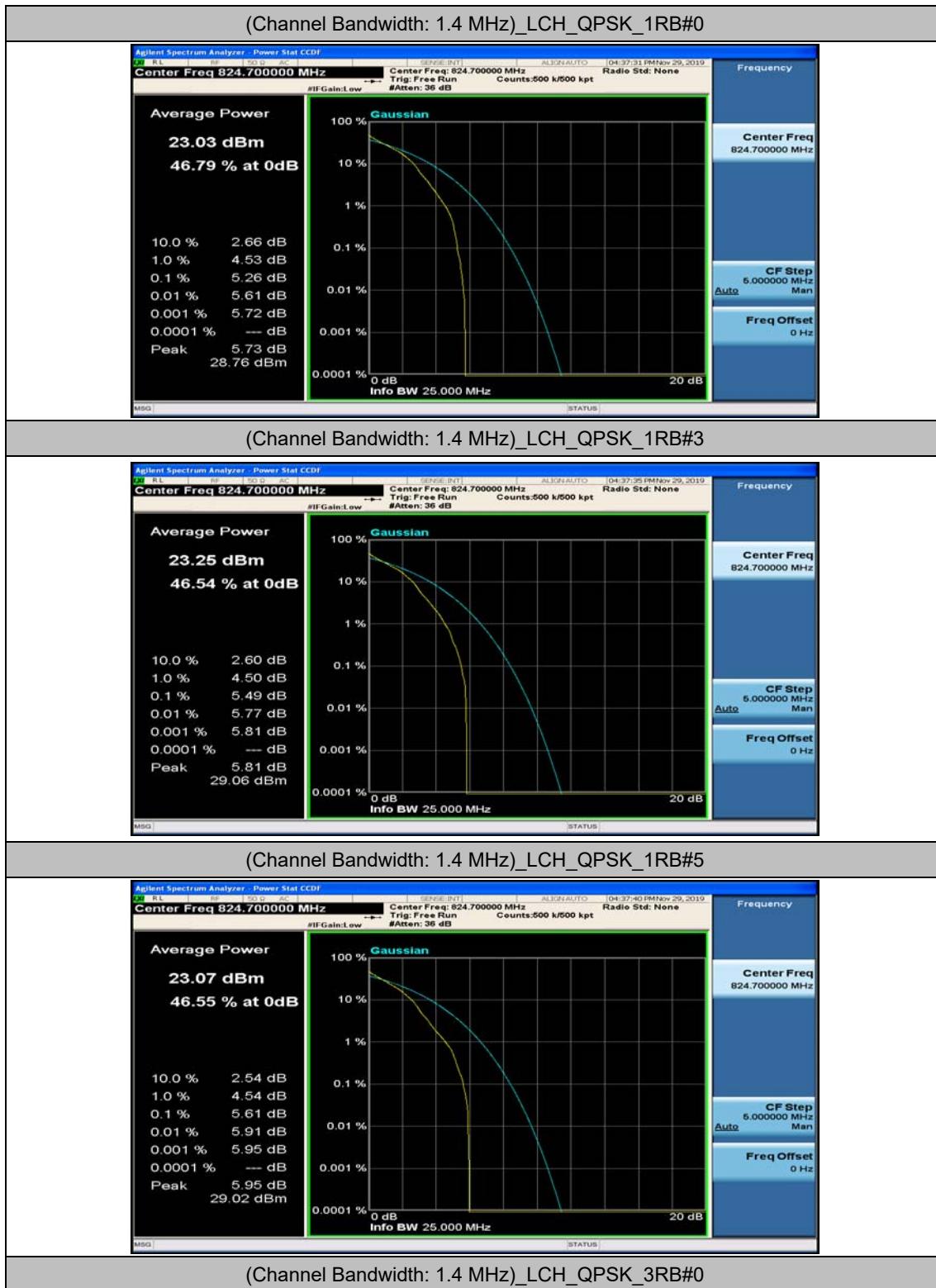
Channel Bandwidth: 10 MHz

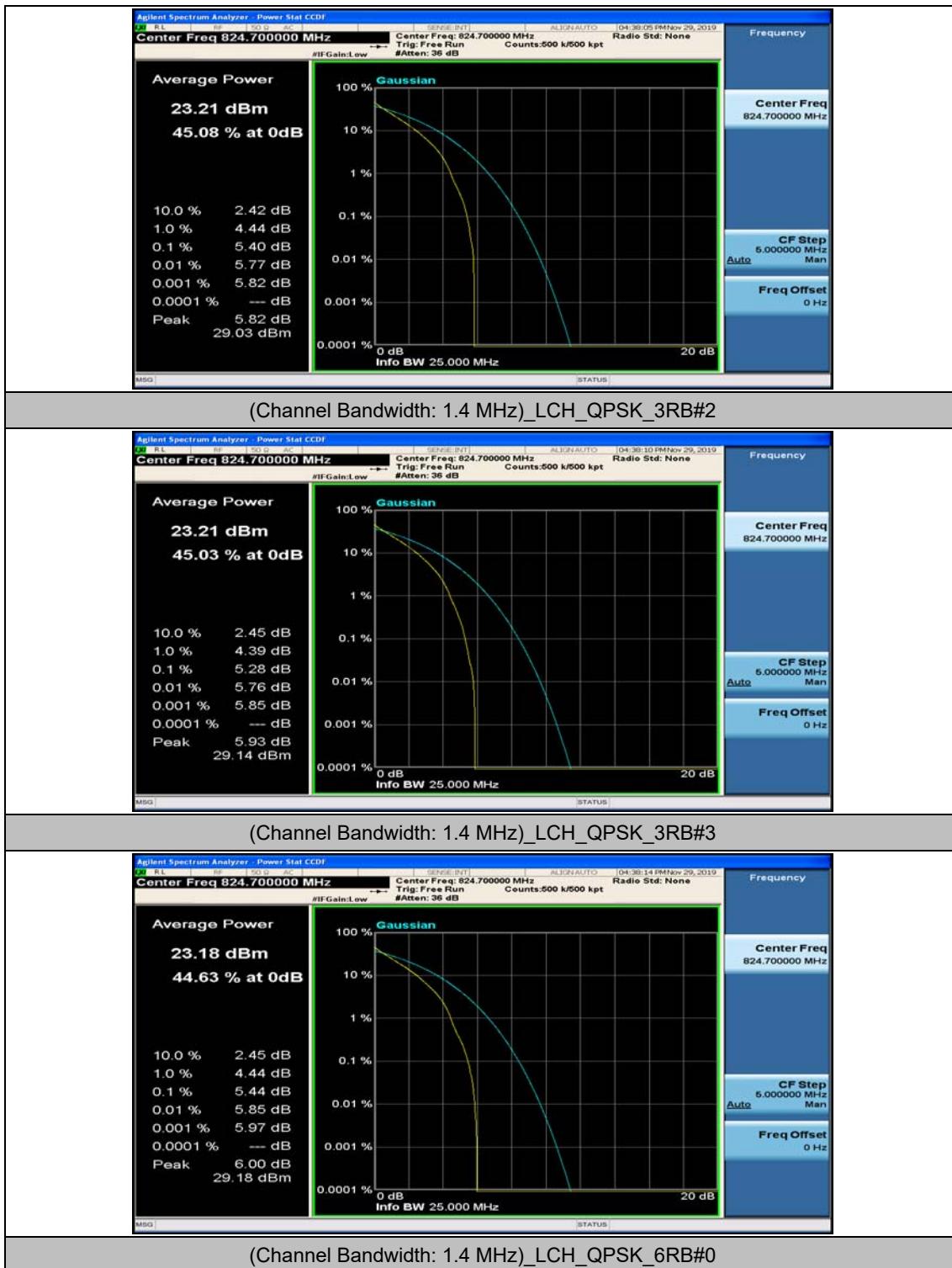
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Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
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		1	24	5.68	<13	PASS
		1	49	5.82	<13	PASS
		25	0	5.85	<13	PASS
		25	12	5.96	<13	PASS
		25	25	5.93	<13	PASS
		50	0	5.89	<13	PASS
	MCH	1	0	5.51	<13	PASS
		1	24	5.25	<13	PASS
		1	49	5.46	<13	PASS
		25	0	5.94	<13	PASS
		25	12	5.84	<13	PASS
		25	25	5.9	<13	PASS
		50	0	5.87	<13	PASS

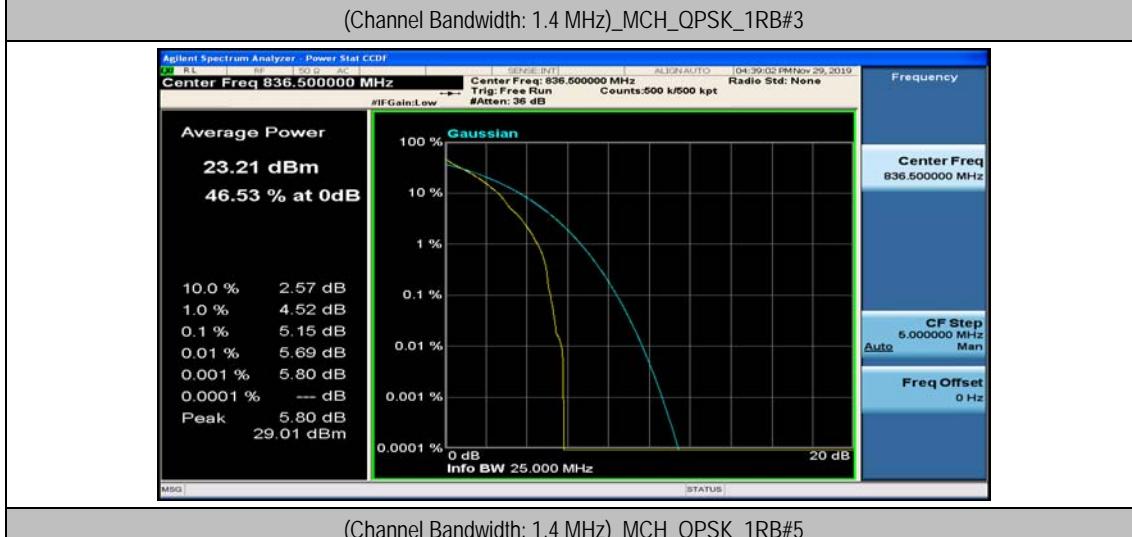
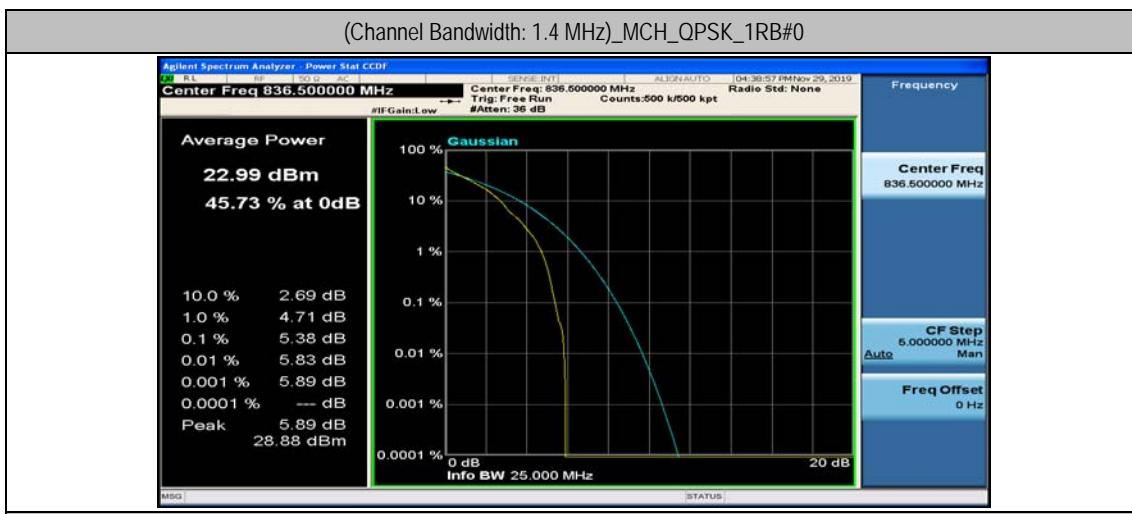
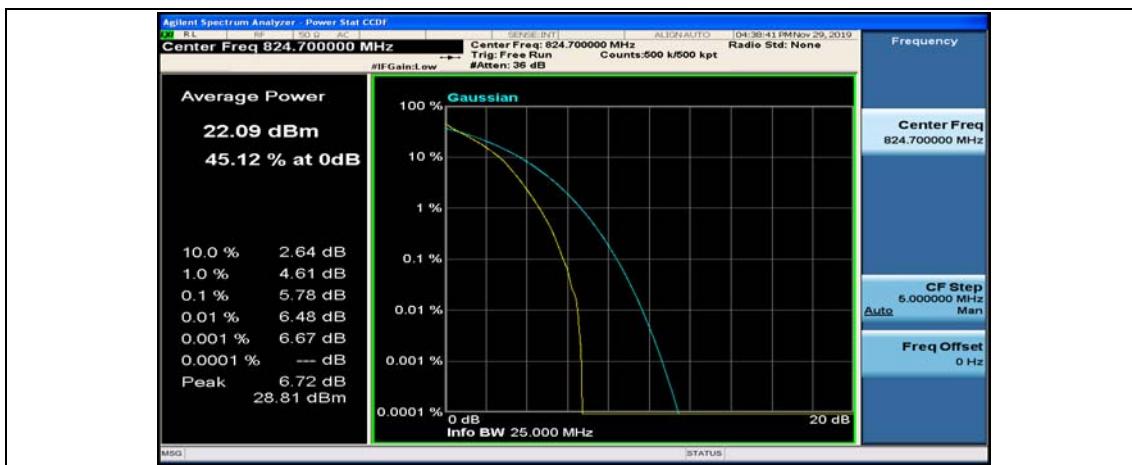
		1	0	5.46	<13	PASS
		1	24	5.53	<13	PASS
		1	49	5.26	<13	PASS
	HCH	25	0	5.8	<13	PASS
		25	12	5.91	<13	PASS
		25	25	5.75	<13	PASS
		50	0	5.88	<13	PASS
16QAM	LCH	1	0	6.36	<13	PASS
		1	24	6.83	<13	PASS
		1	49	6.44	<13	PASS
		25	0	6.57	<13	PASS
		25	12	6.83	<13	PASS
		25	25	6.65	<13	PASS
		50	0	6.58	<13	PASS
	MCH	1	0	6.47	<13	PASS
		1	24	6.08	<13	PASS
		1	49	6.27	<13	PASS
		25	0	6.78	<13	PASS
		25	12	6.75	<13	PASS
		25	25	6.67	<13	PASS
		50	0	6.62	<13	PASS
	HCH	1	0	6.62	<13	PASS
		1	24	6.41	<13	PASS
		1	49	6.15	<13	PASS
		25	0	6.76	<13	PASS
		25	12	6.77	<13	PASS
		25	25	6.67	<13	PASS
		50	0	6.71	<13	PASS

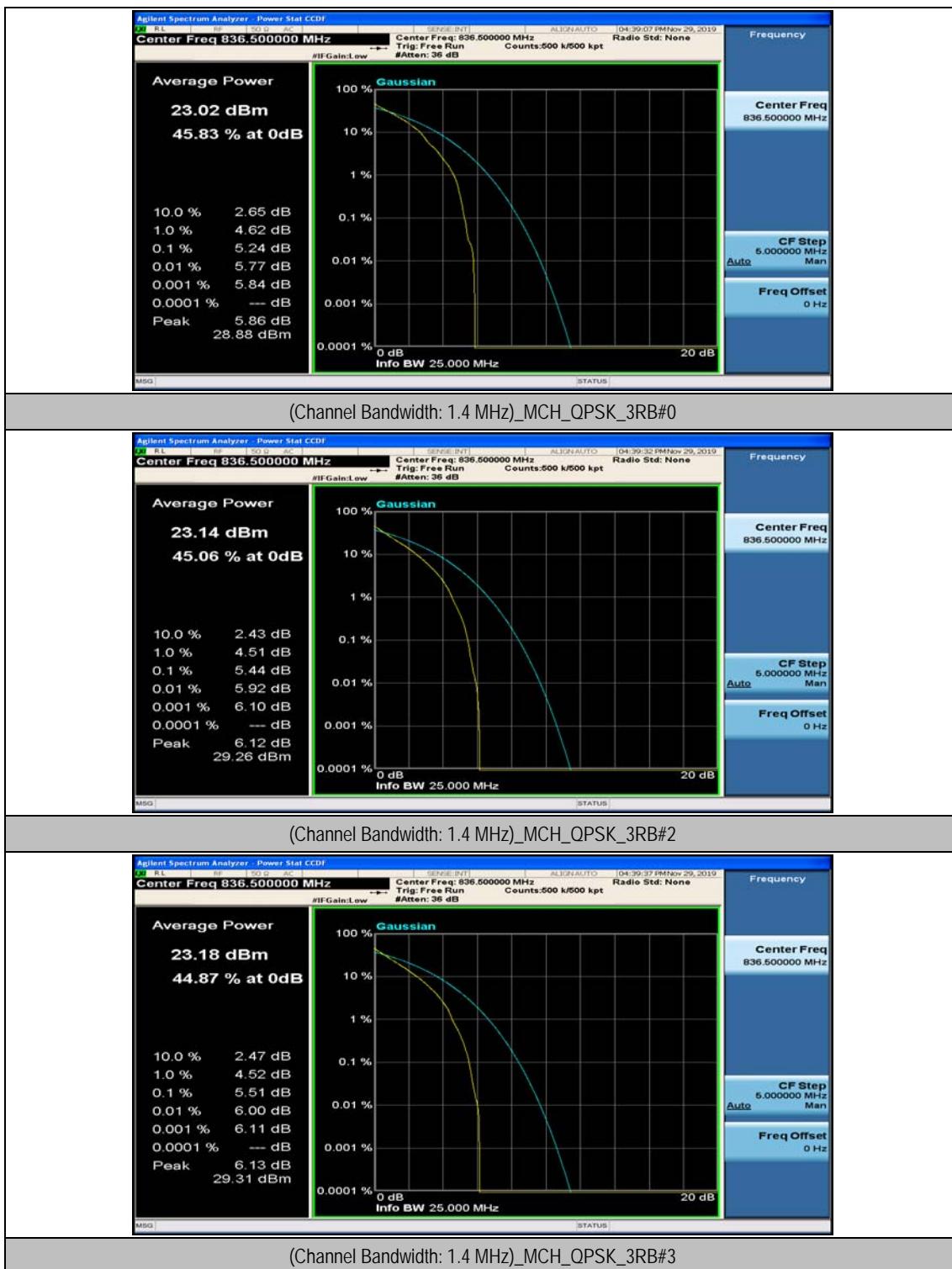
Test Graphs

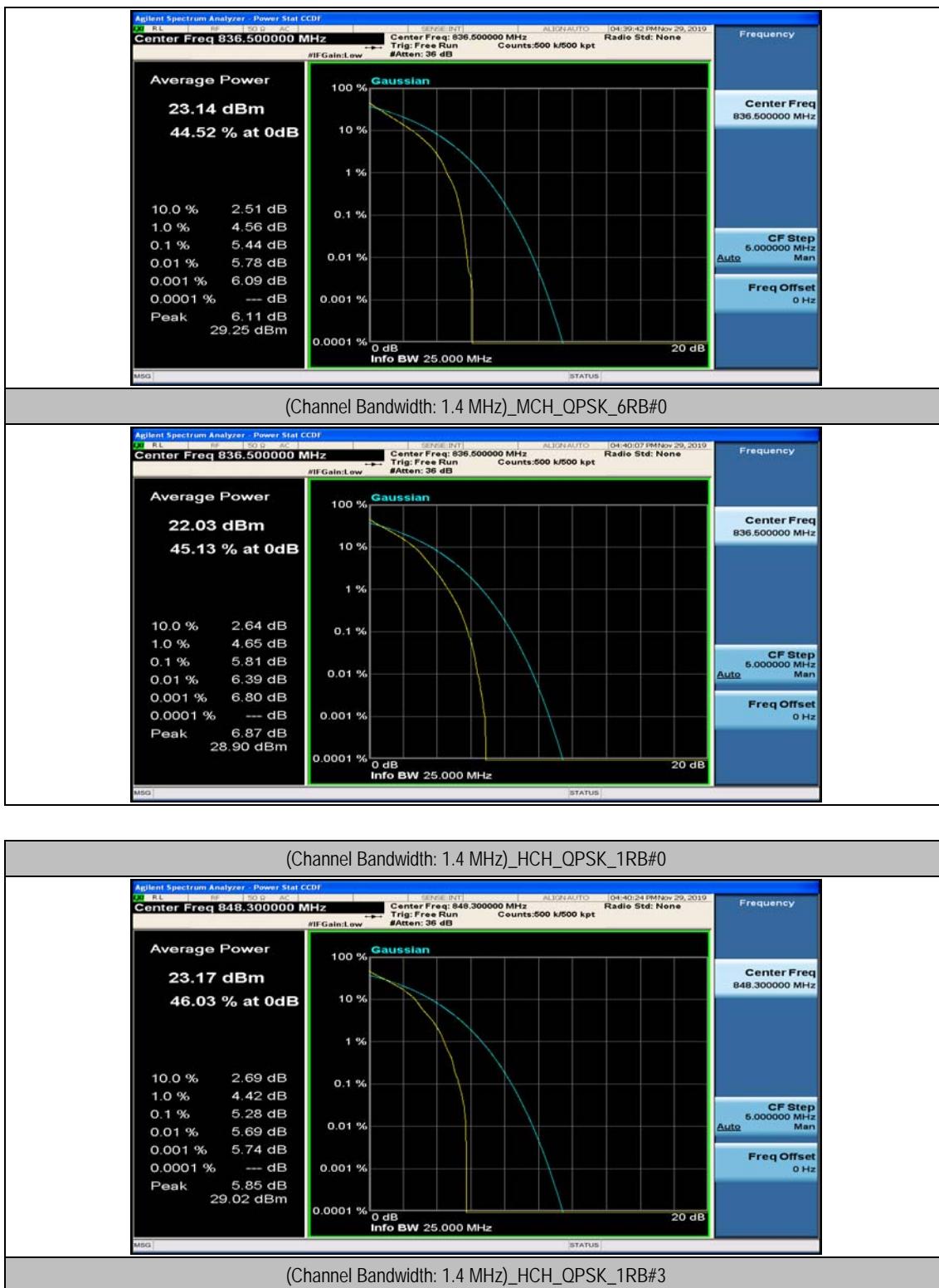
Channel Bandwidth: 1.4 MHz

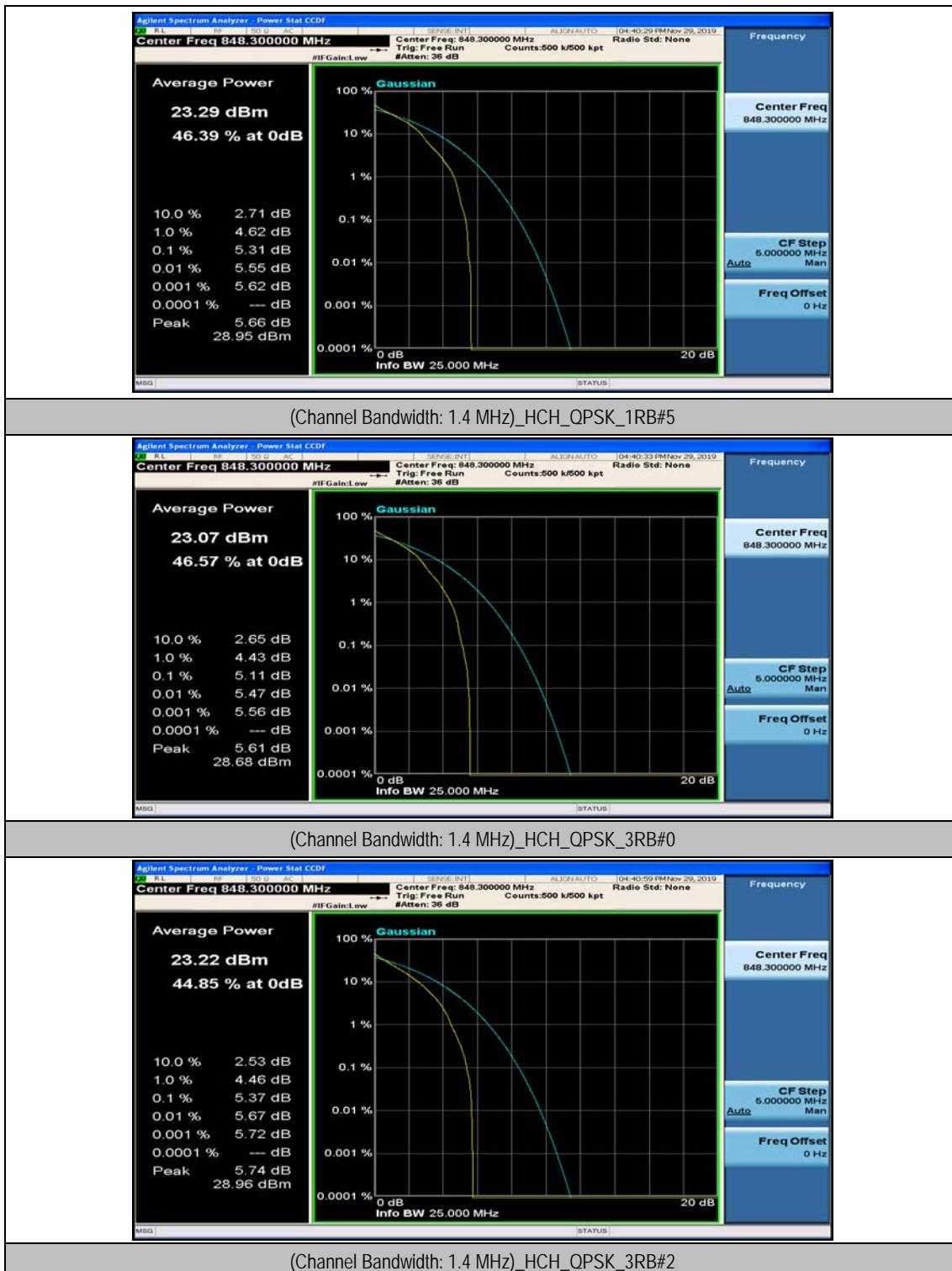


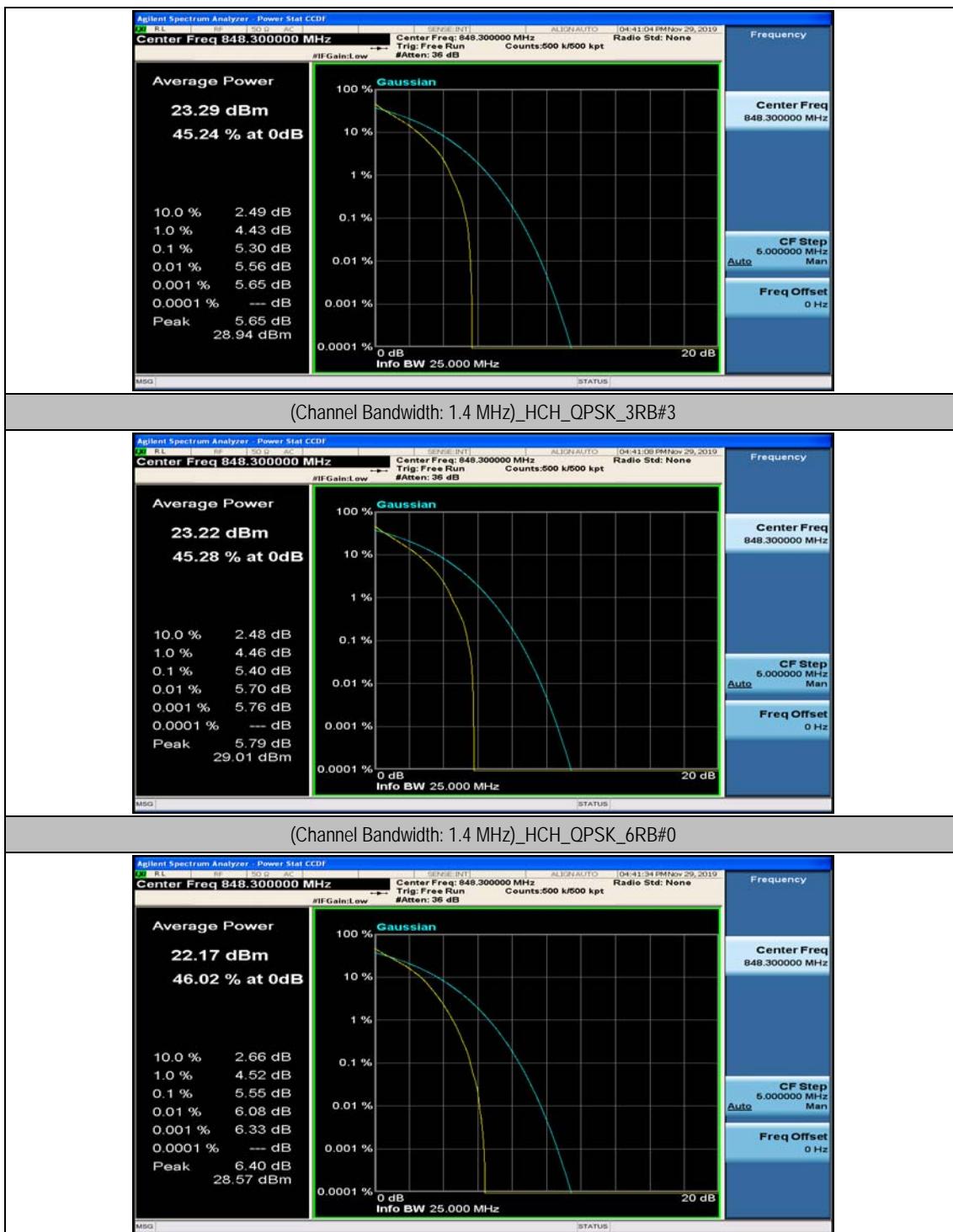


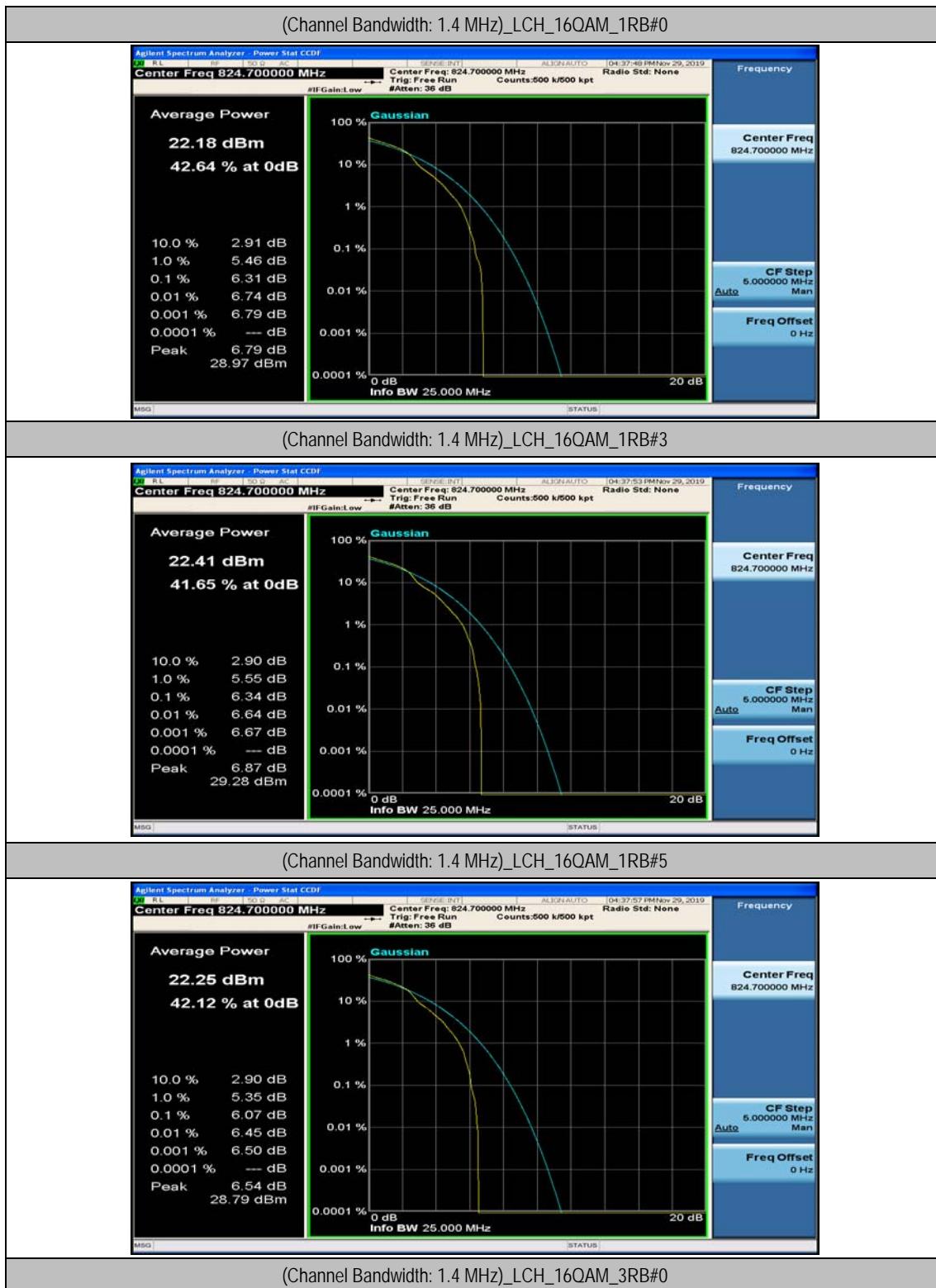


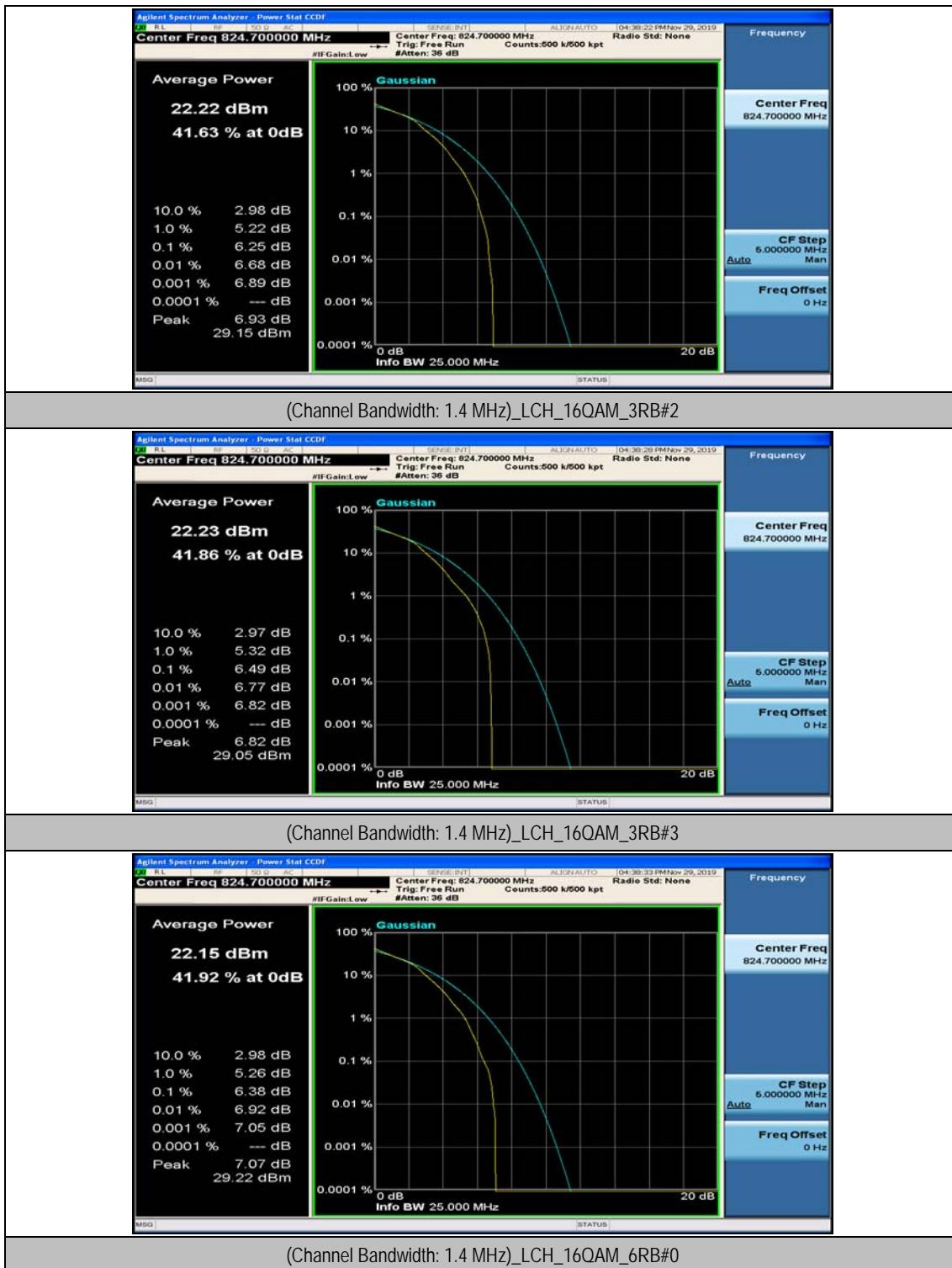


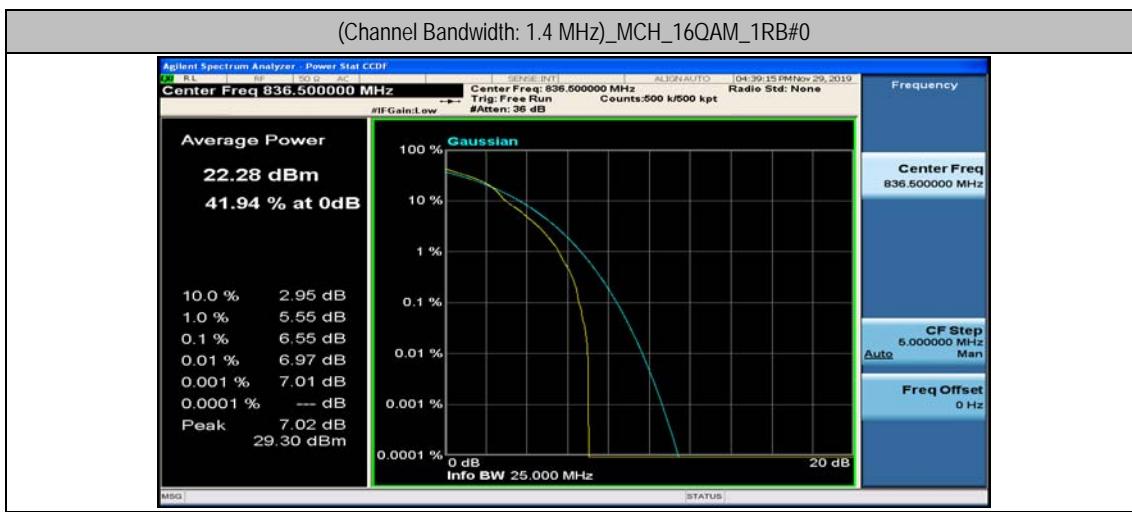
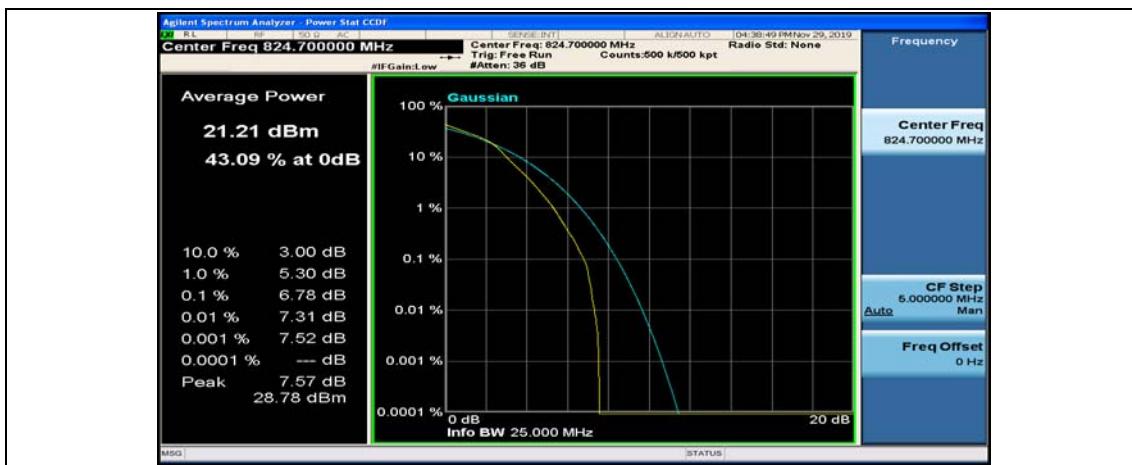




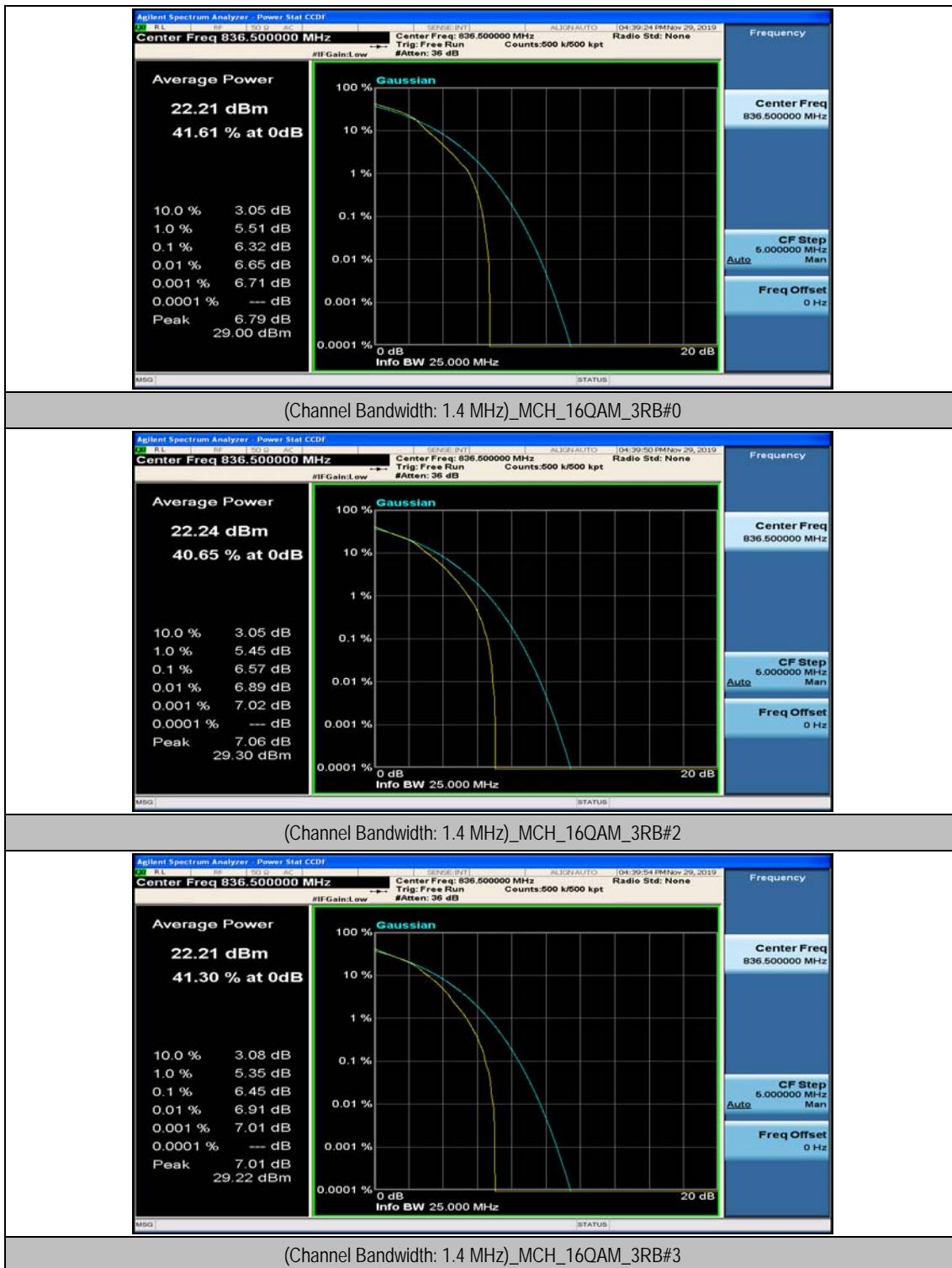


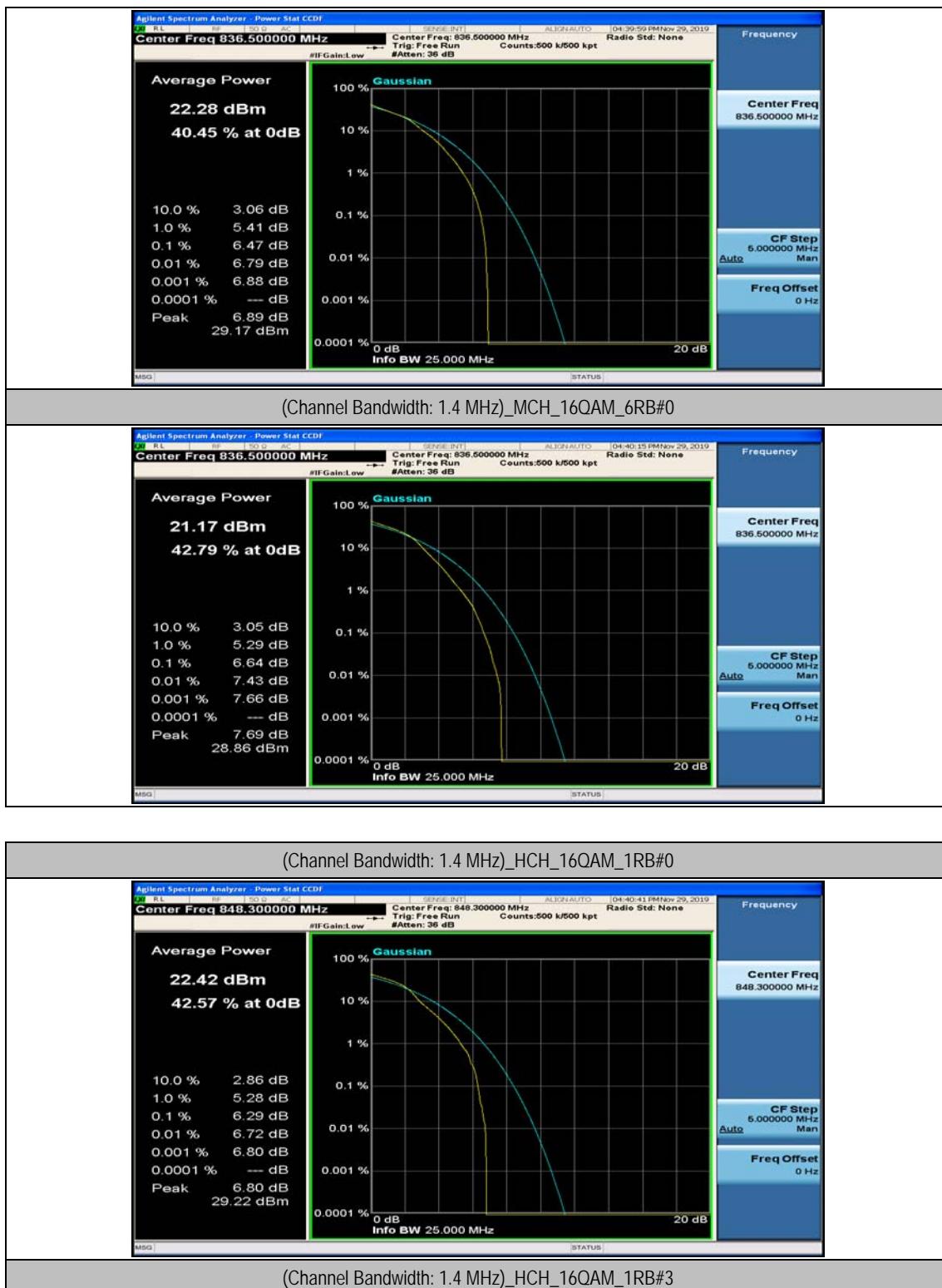


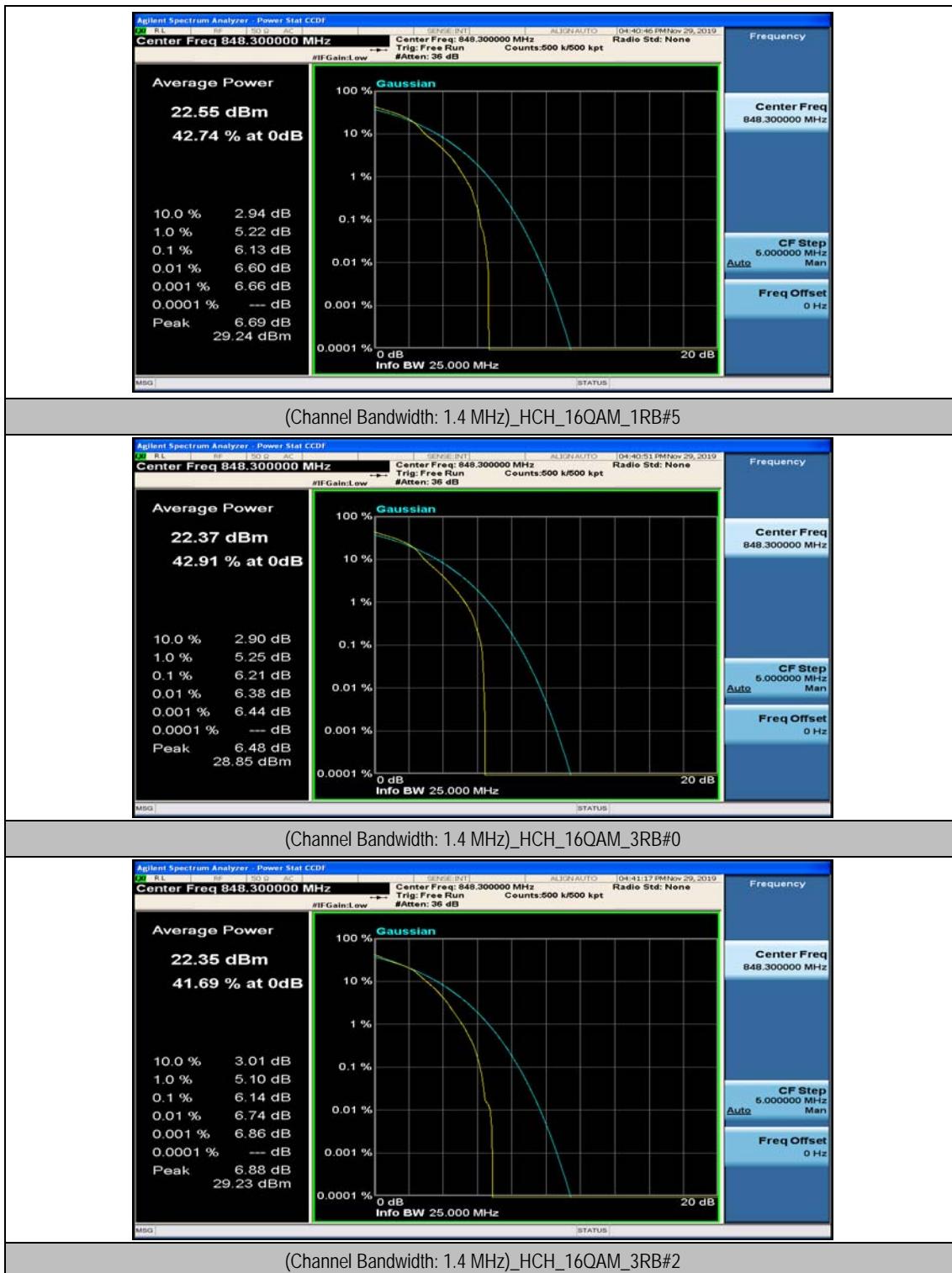


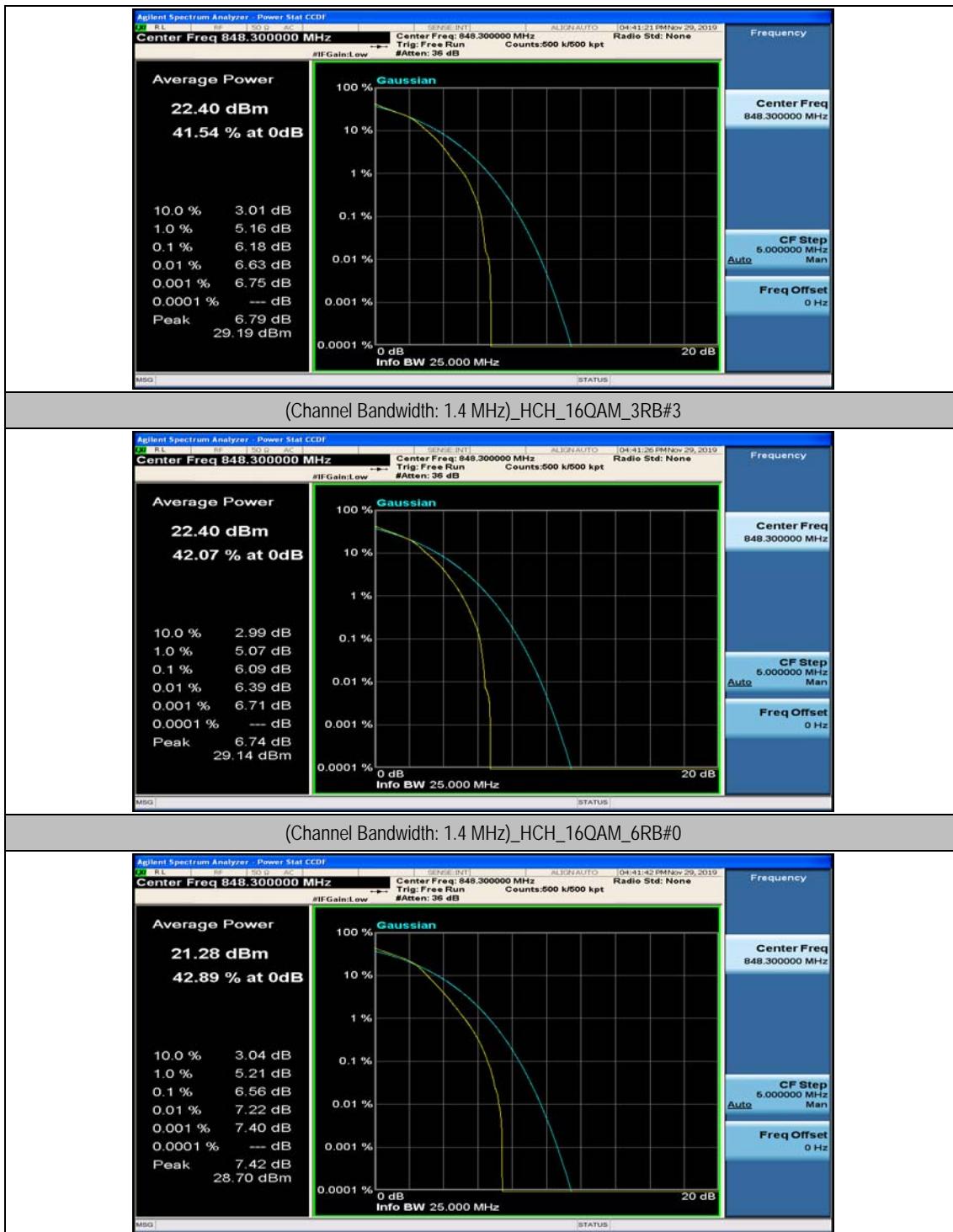


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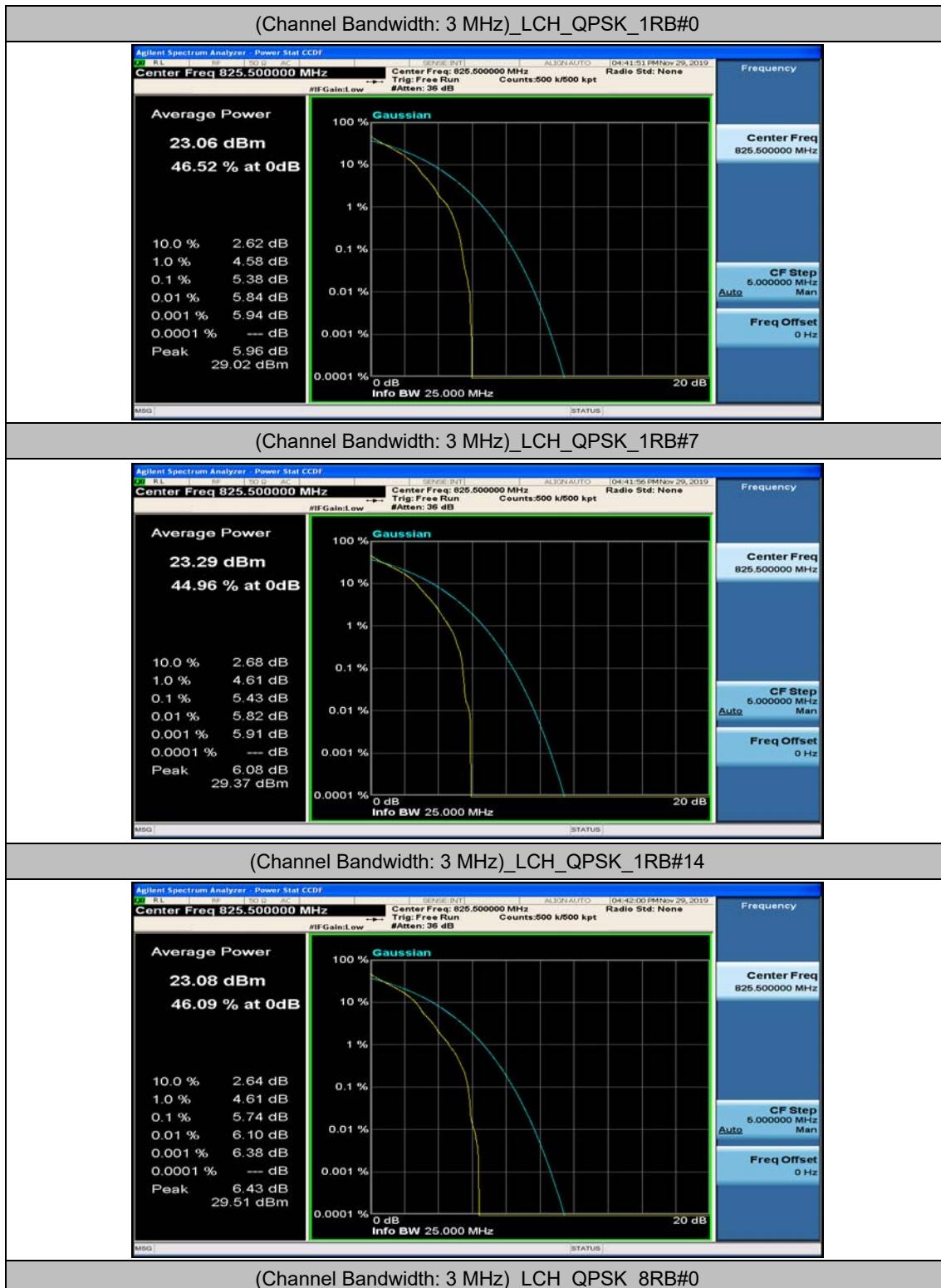


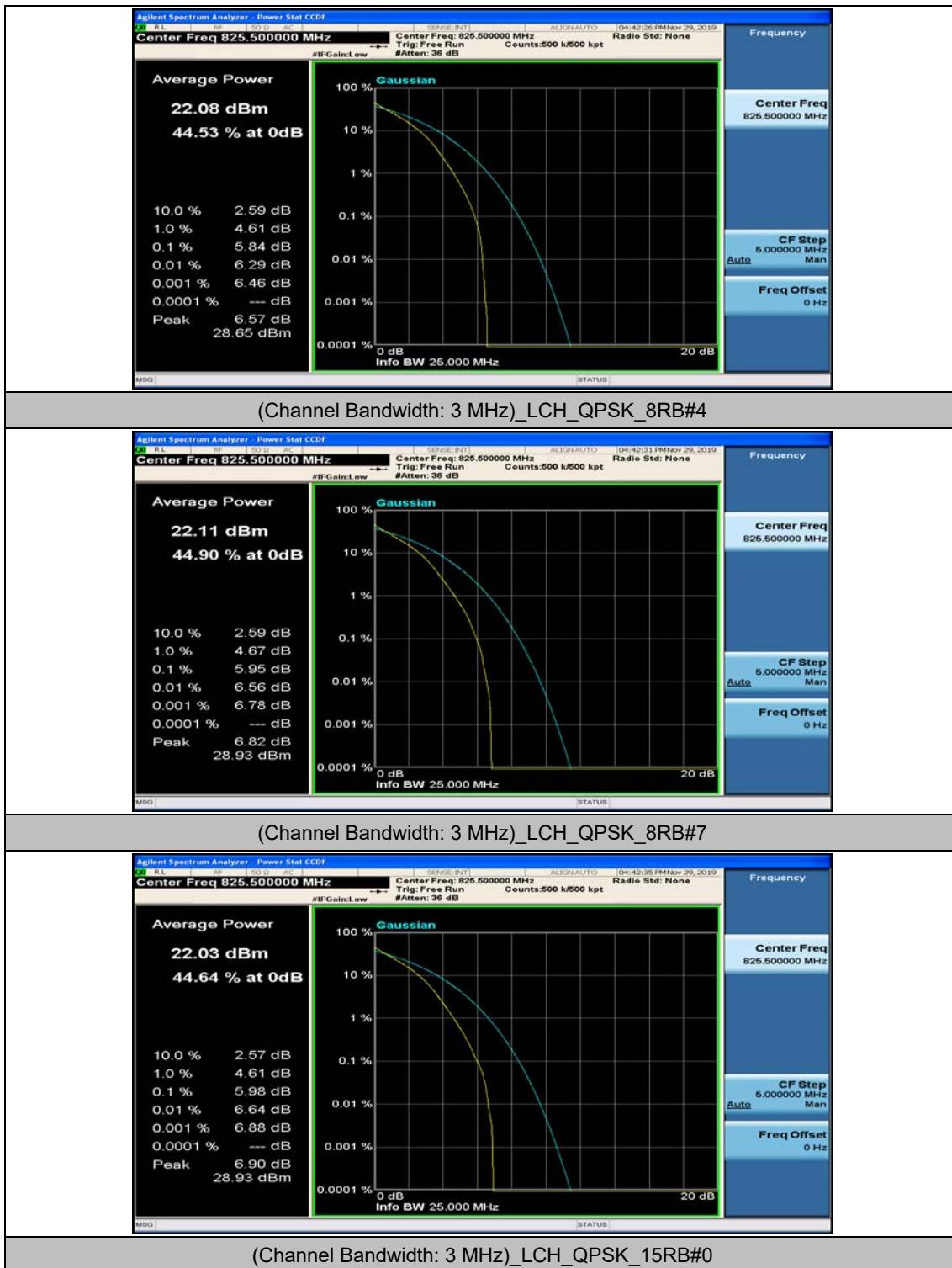


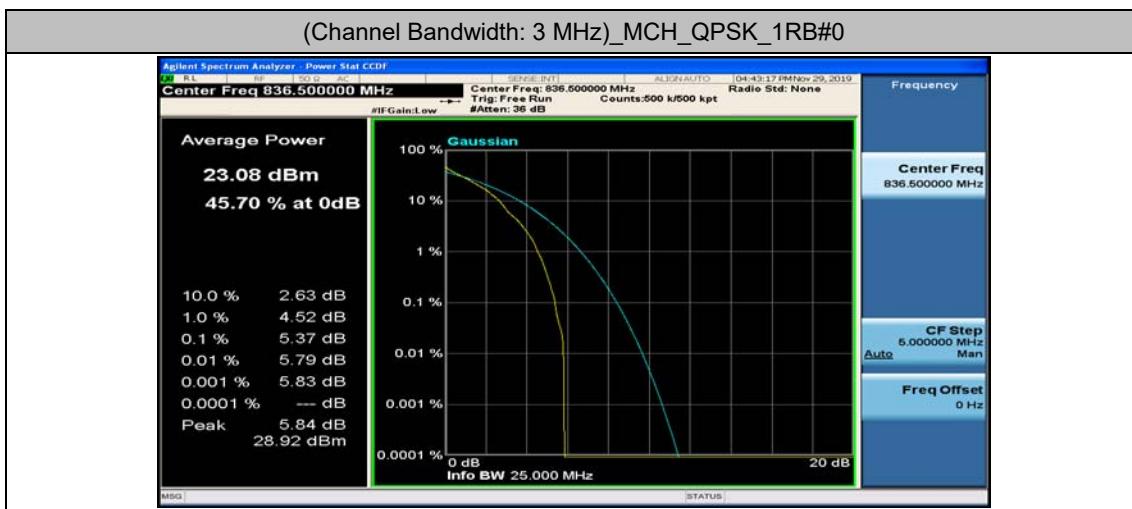
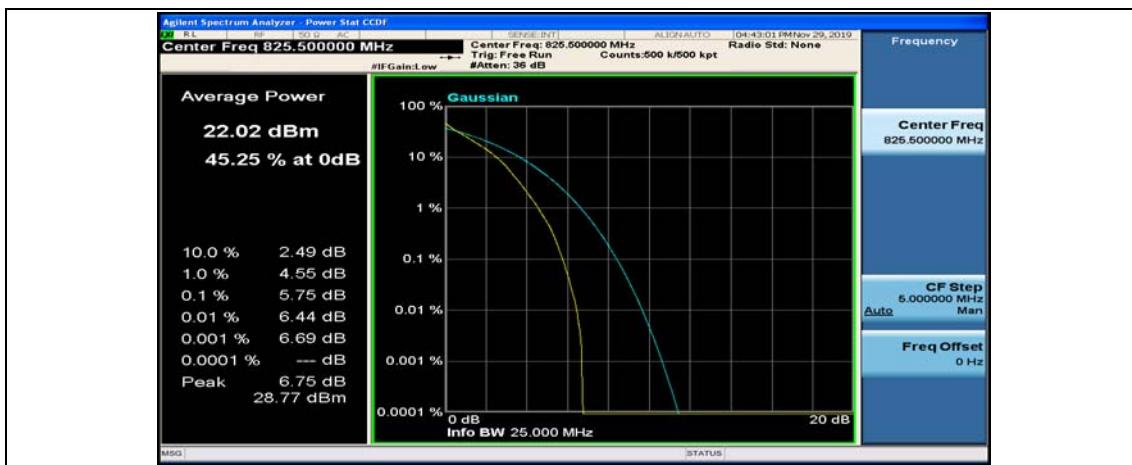




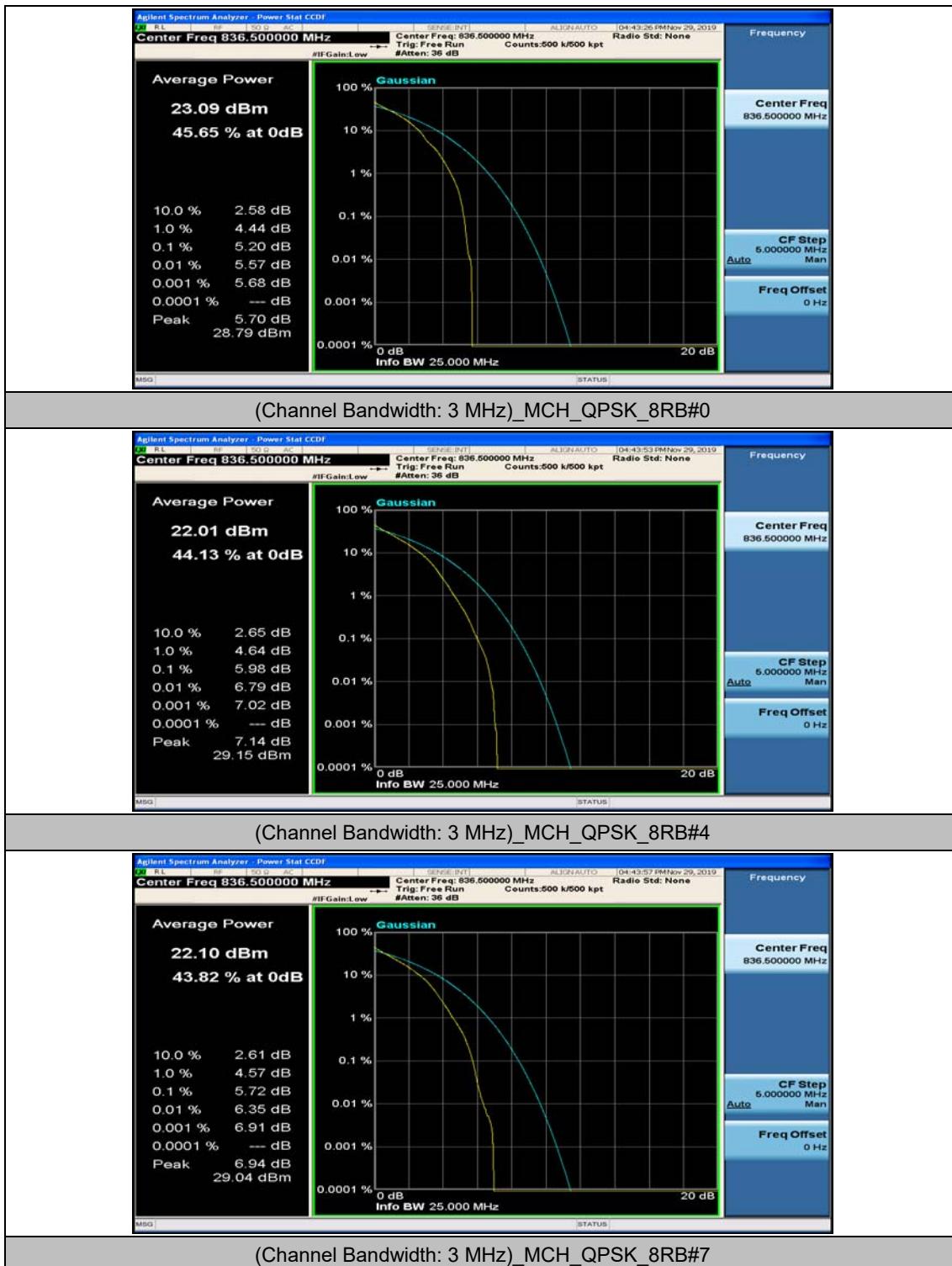
Channel Bandwidth: 3 MHz

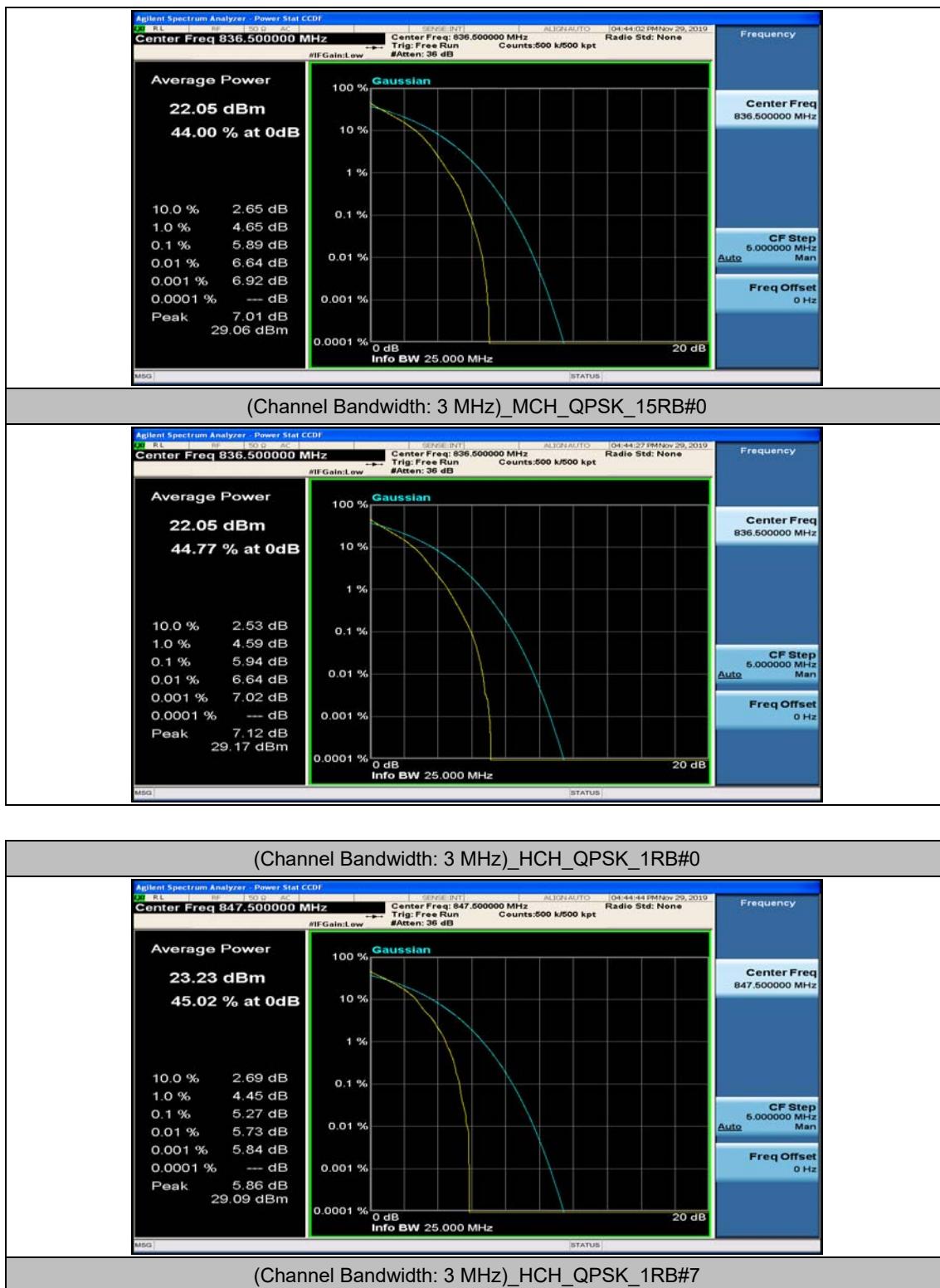


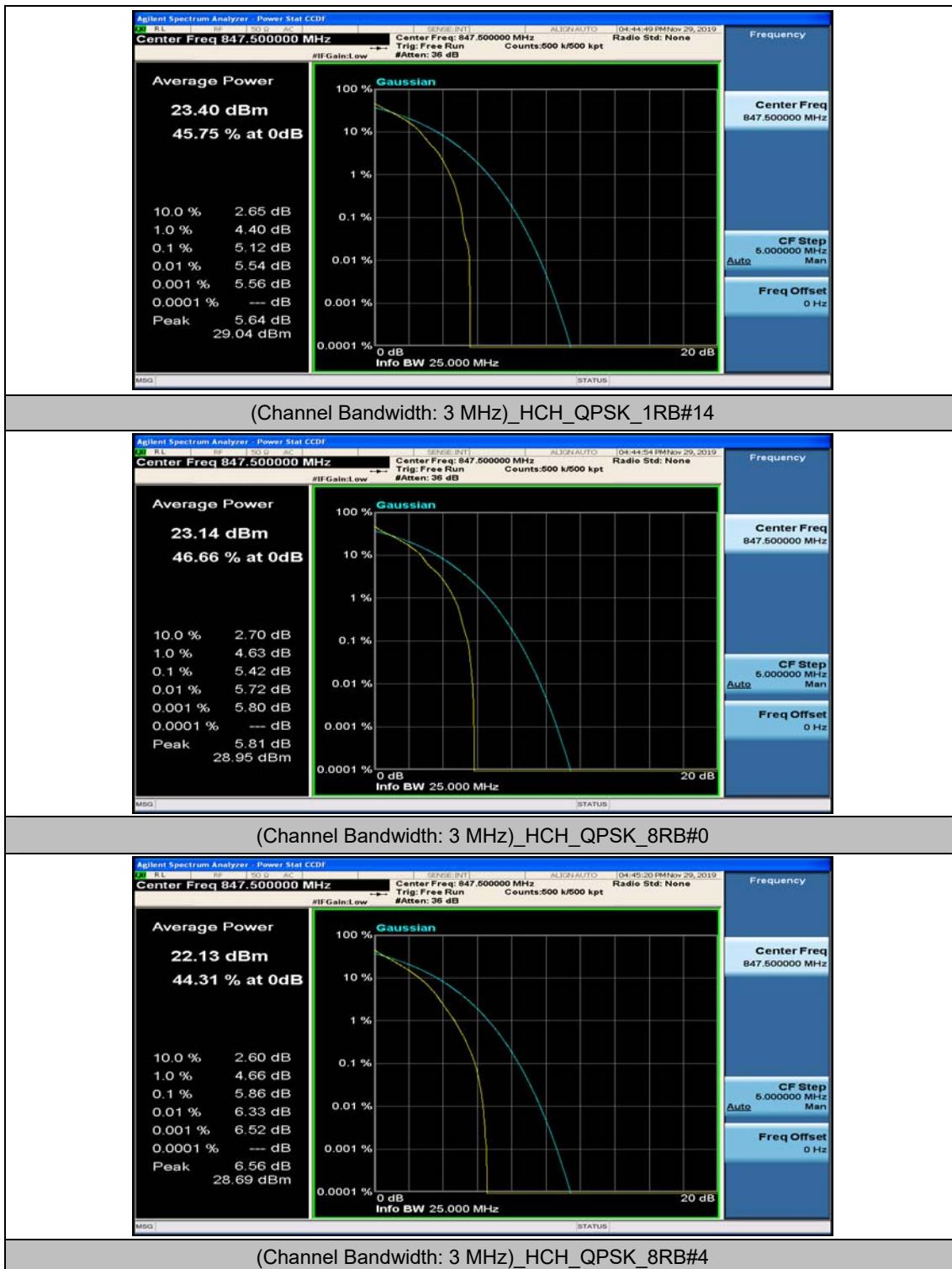


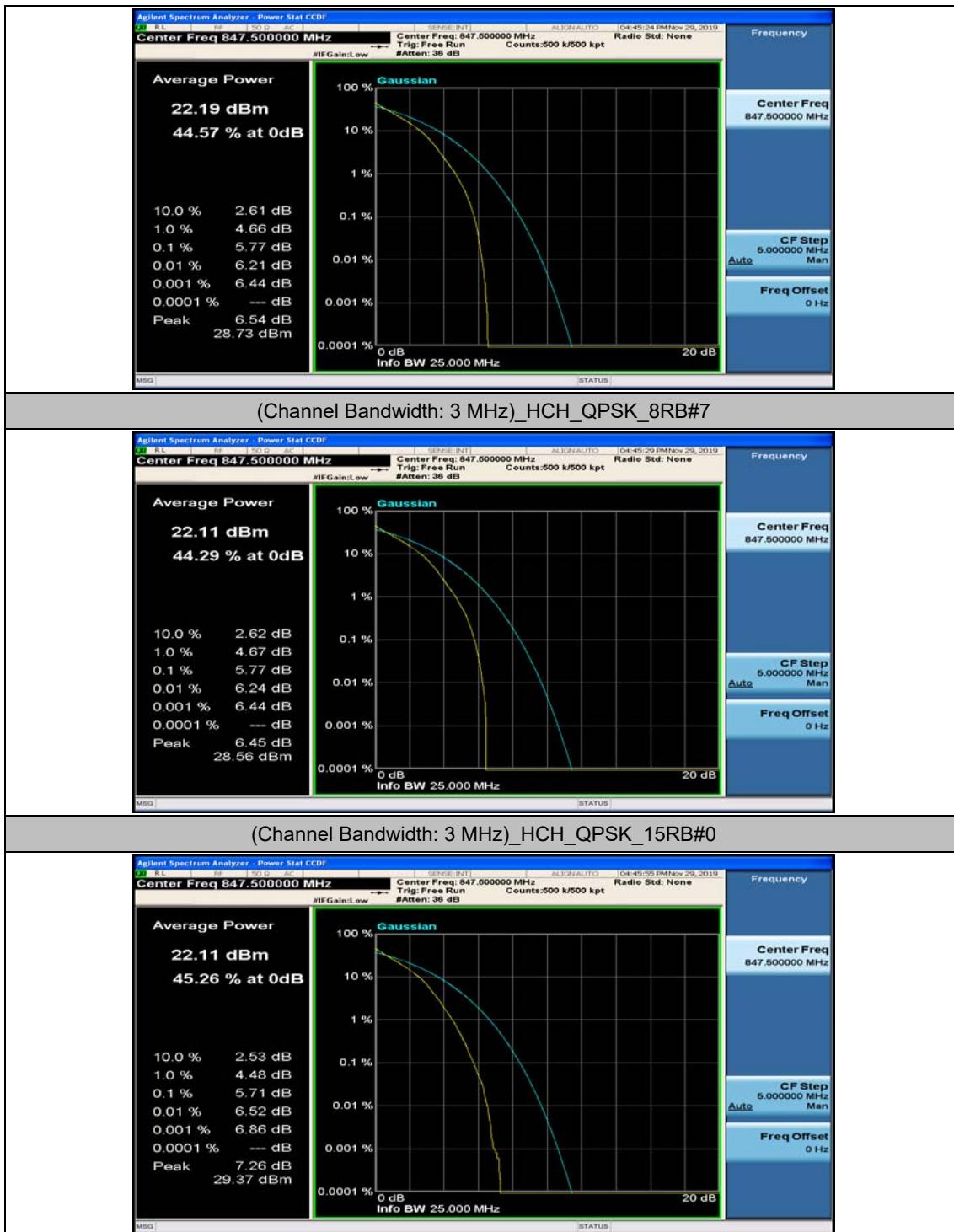


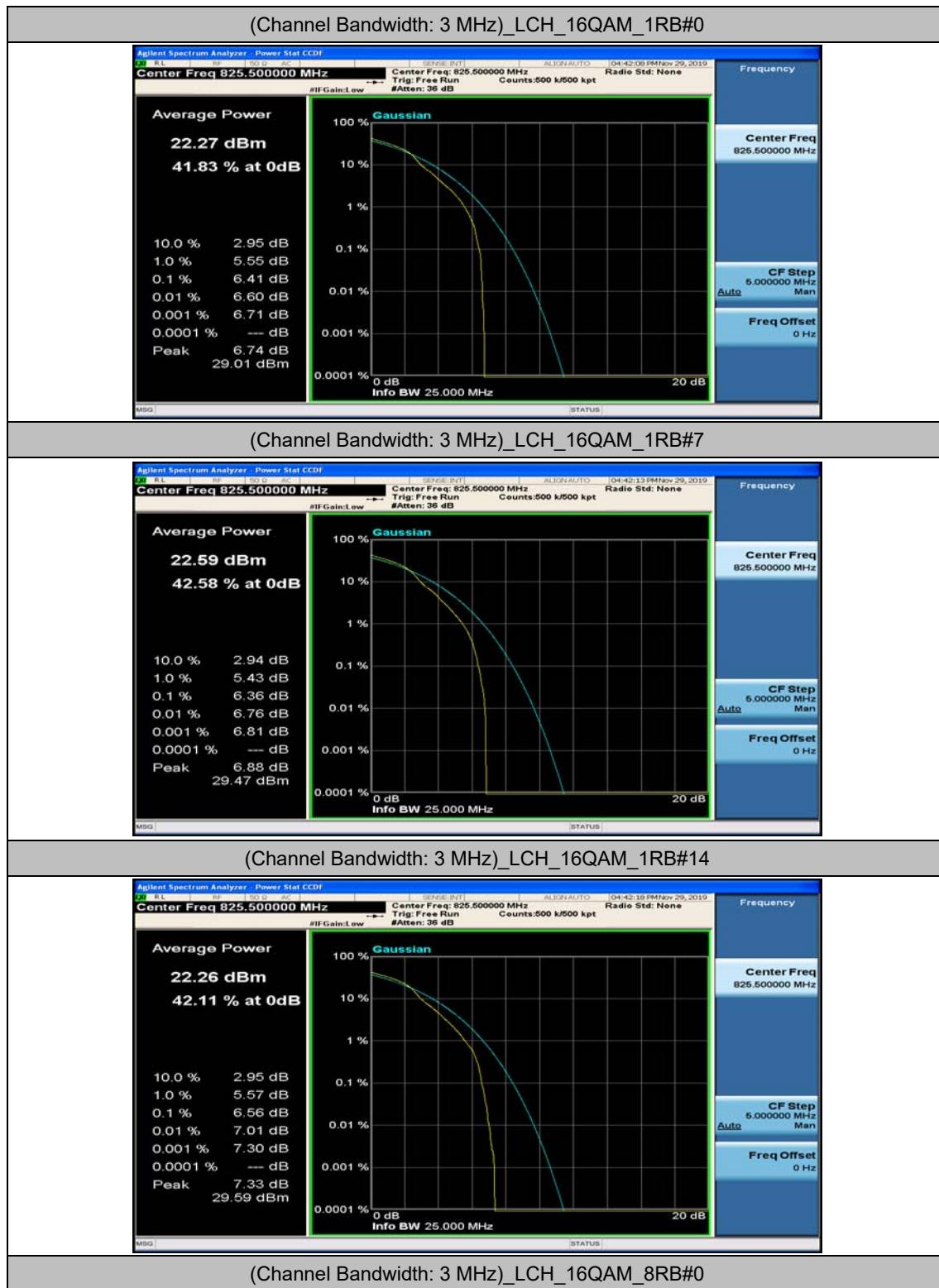
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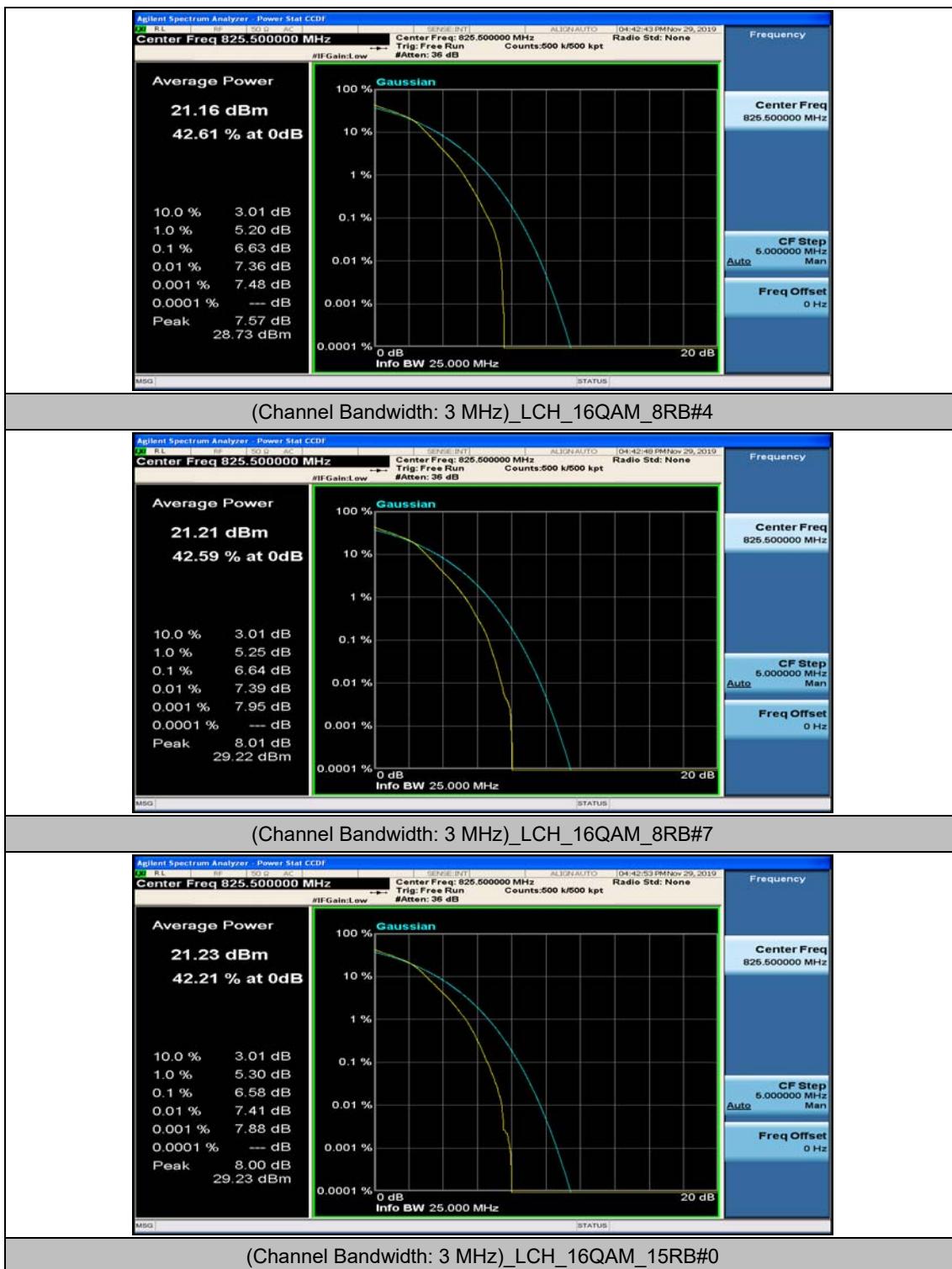


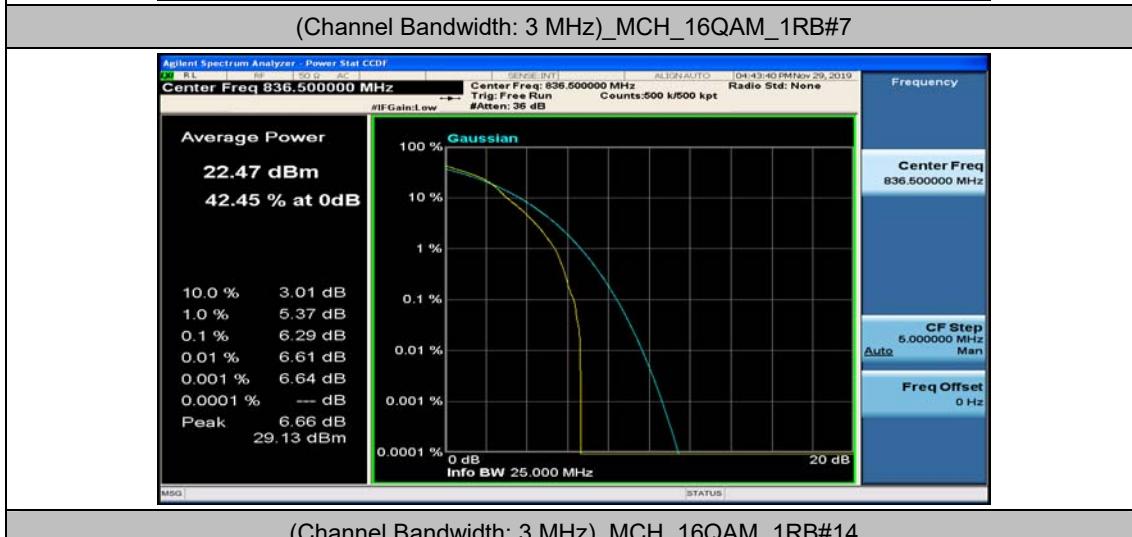
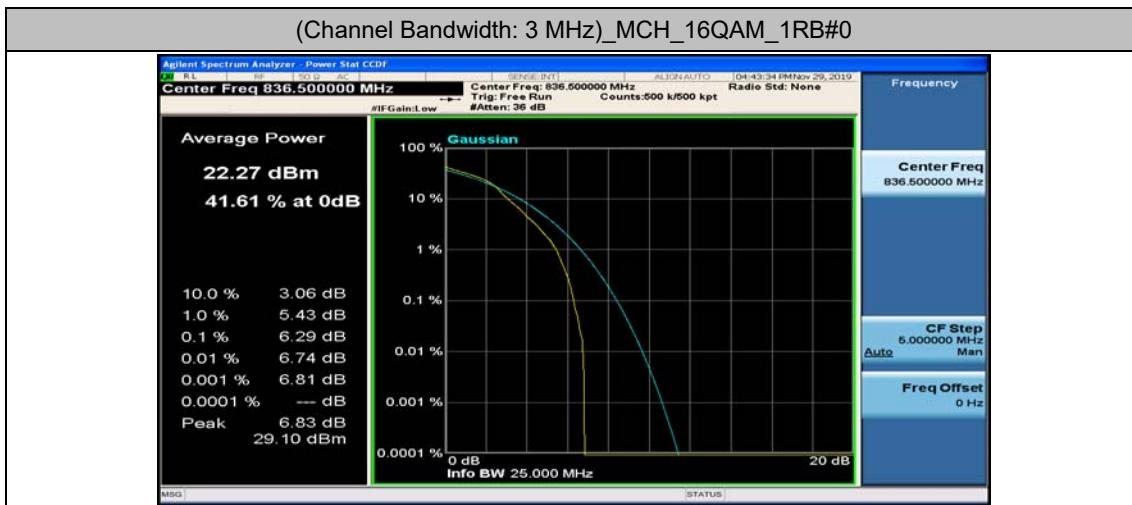
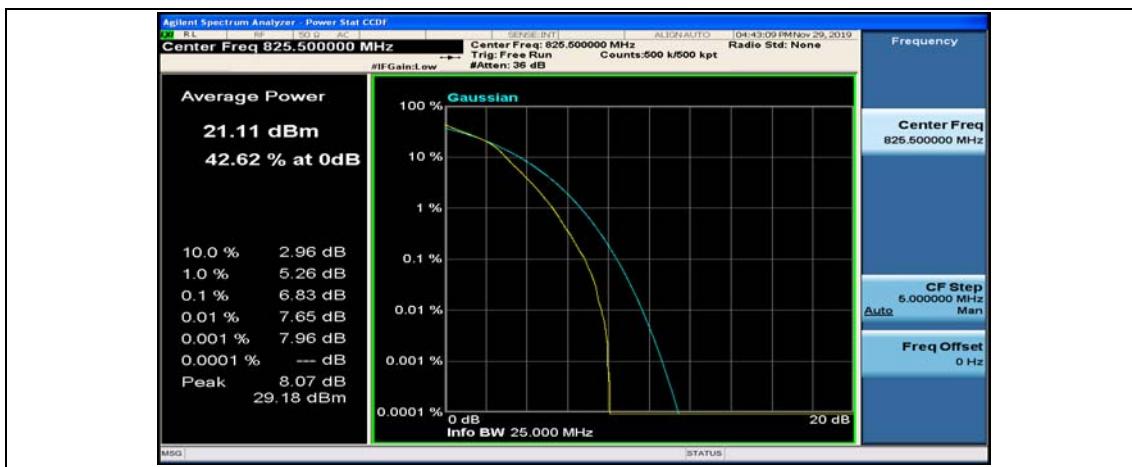




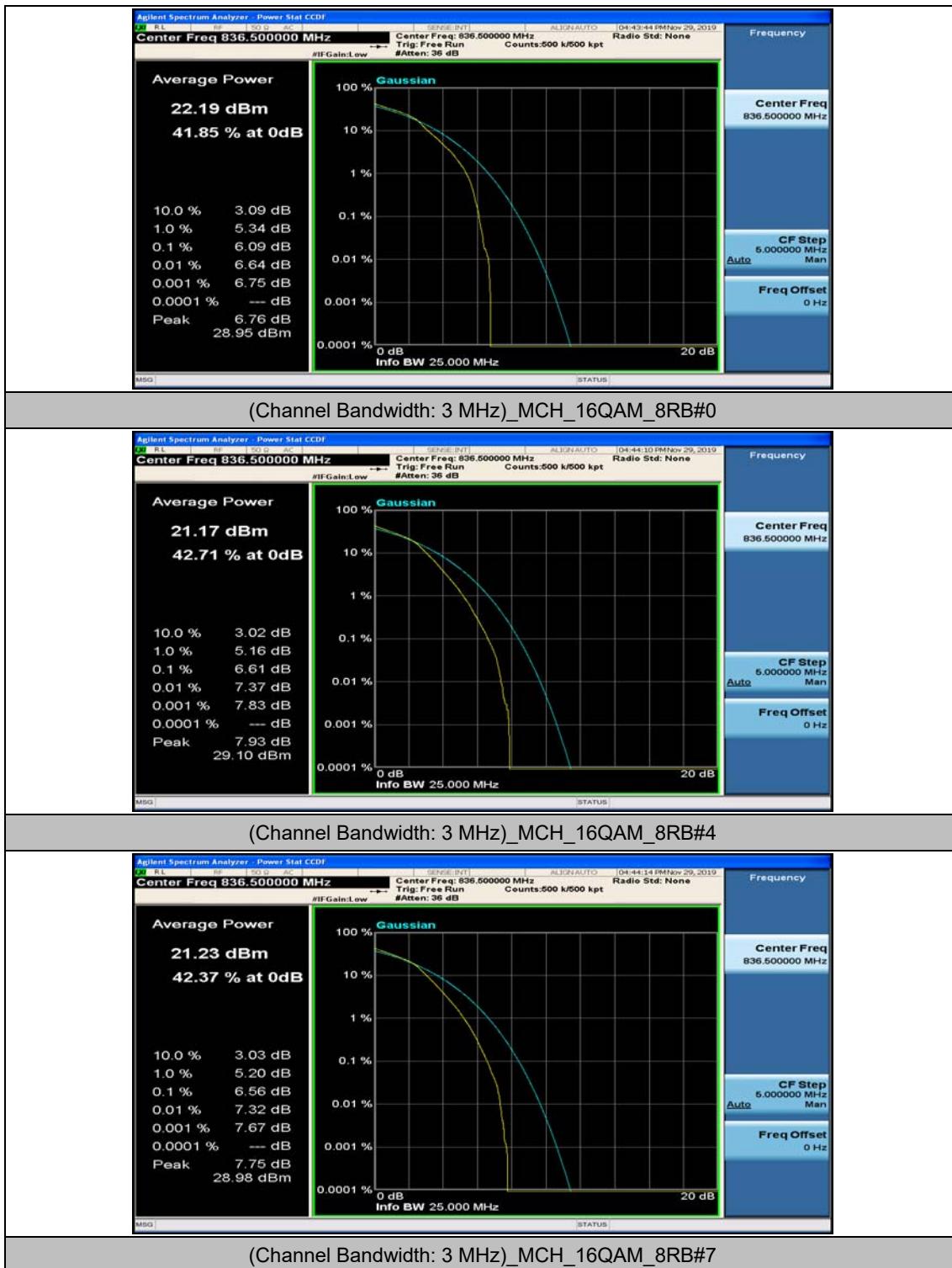


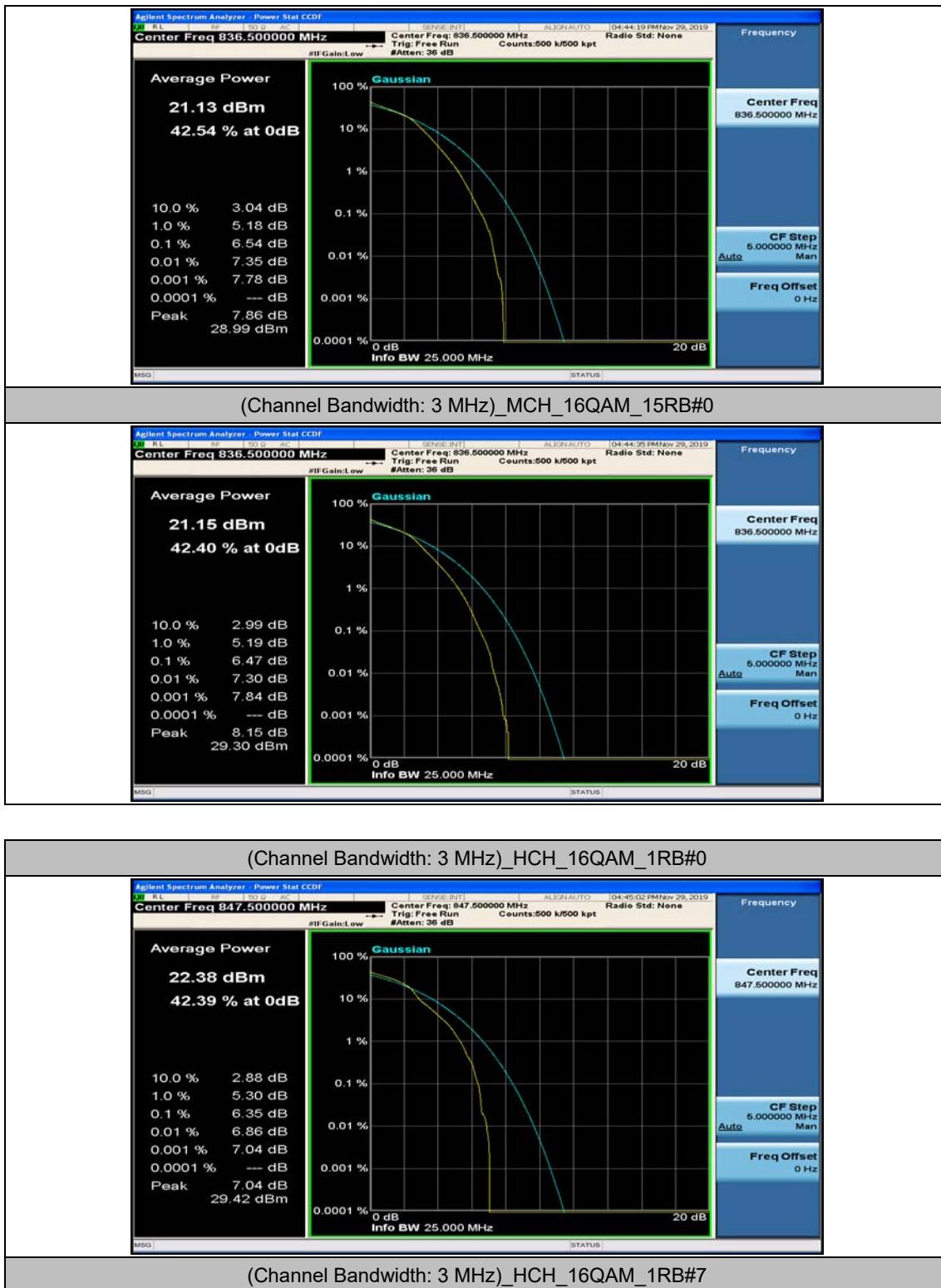


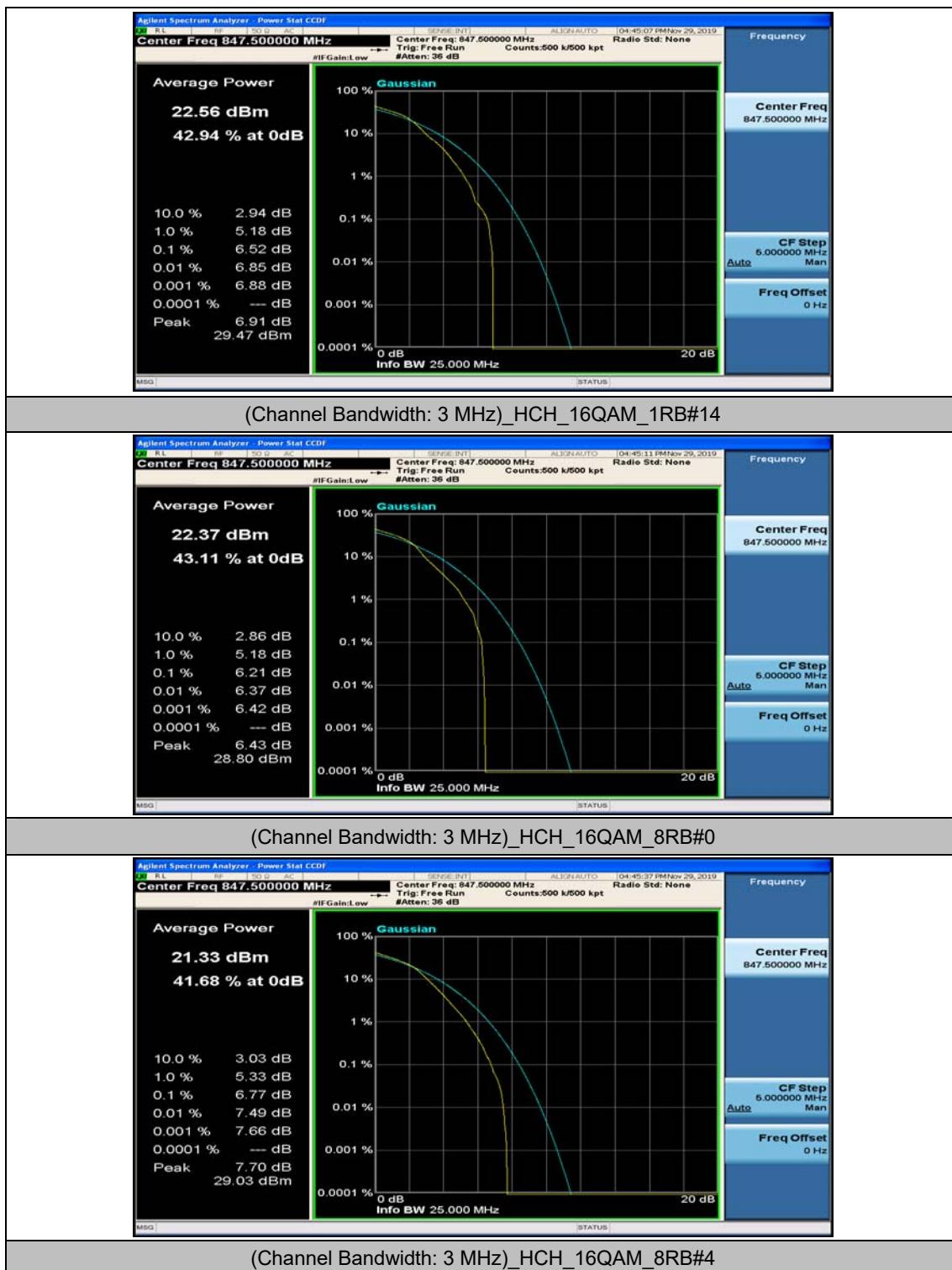


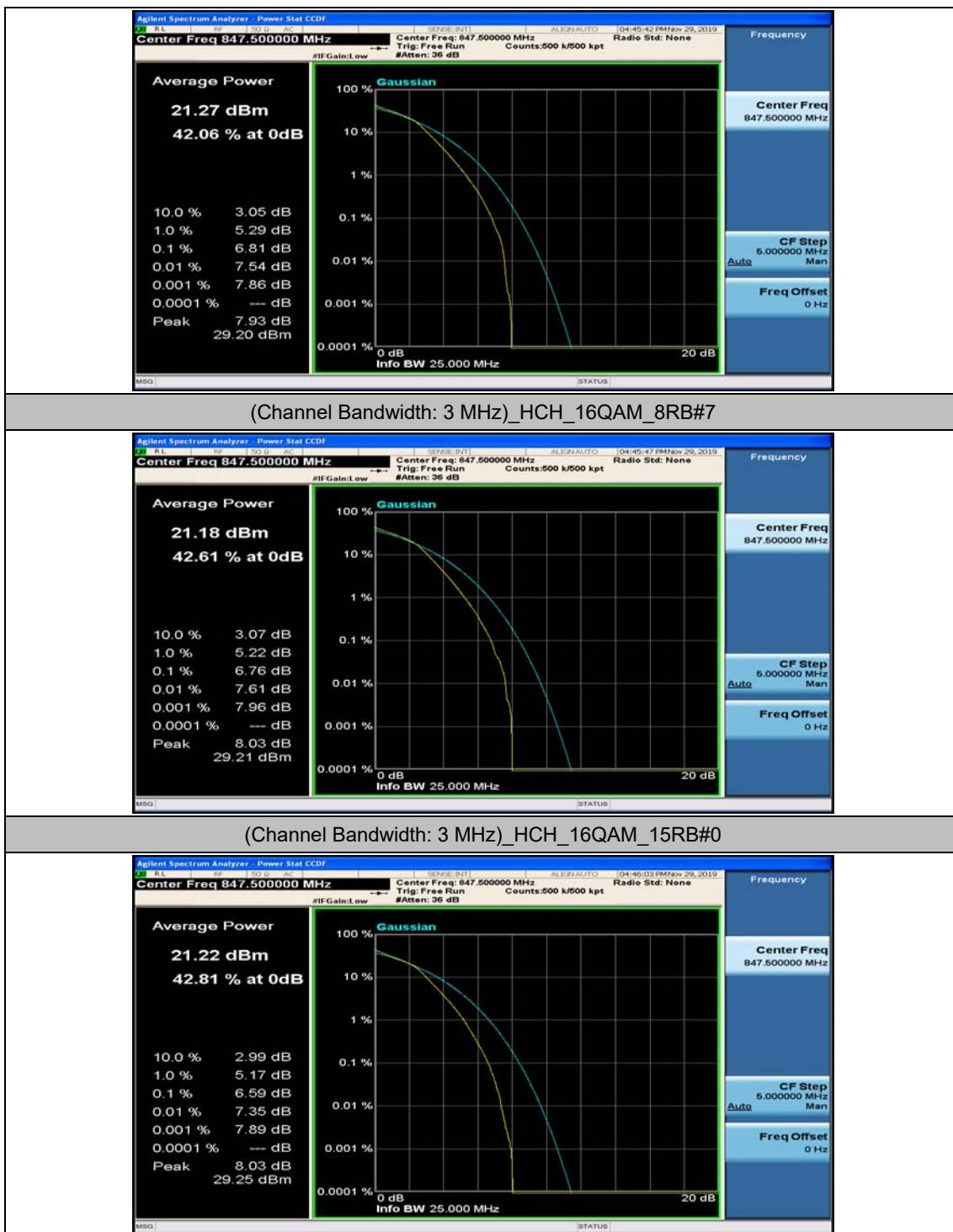


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14

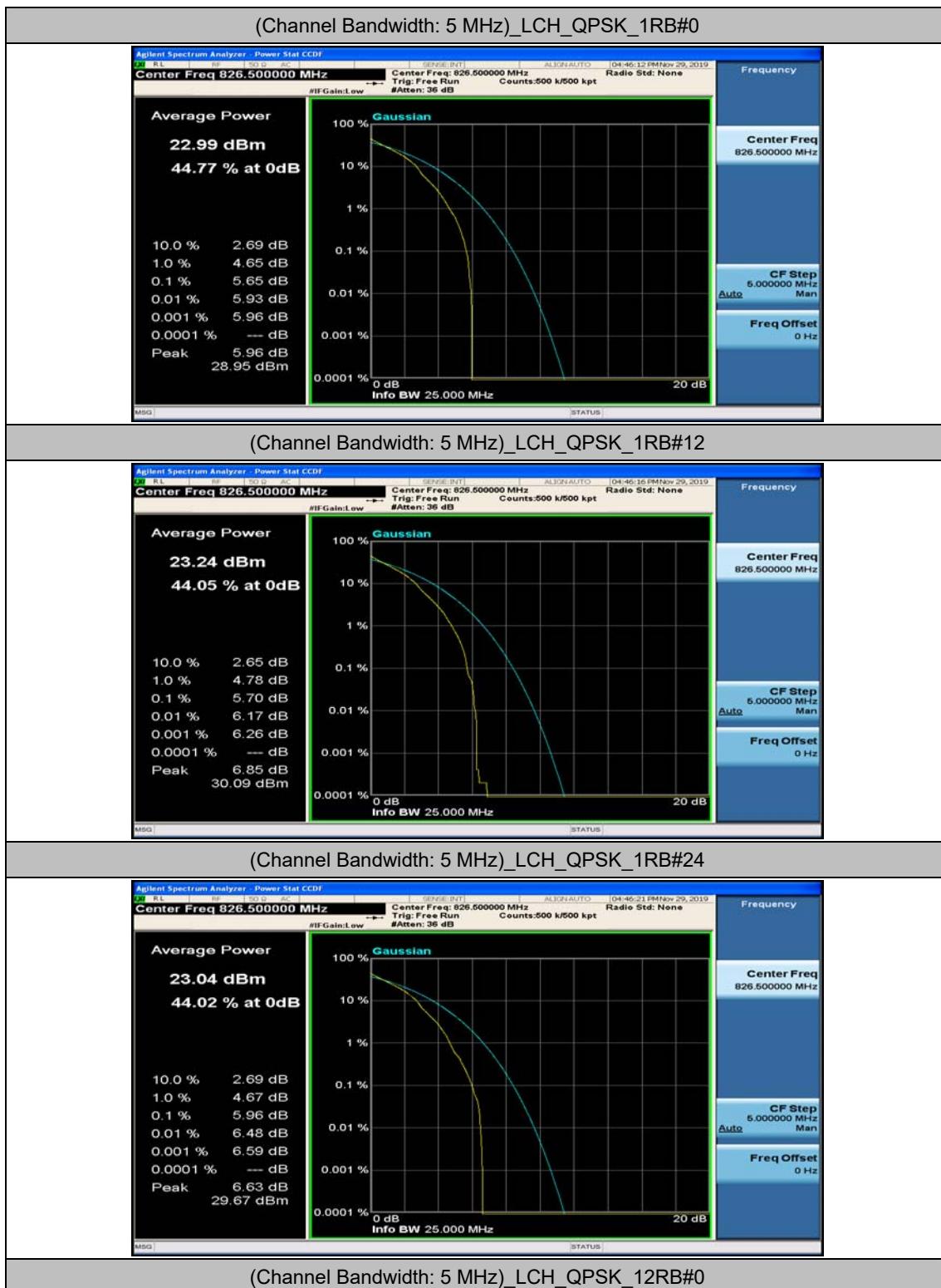


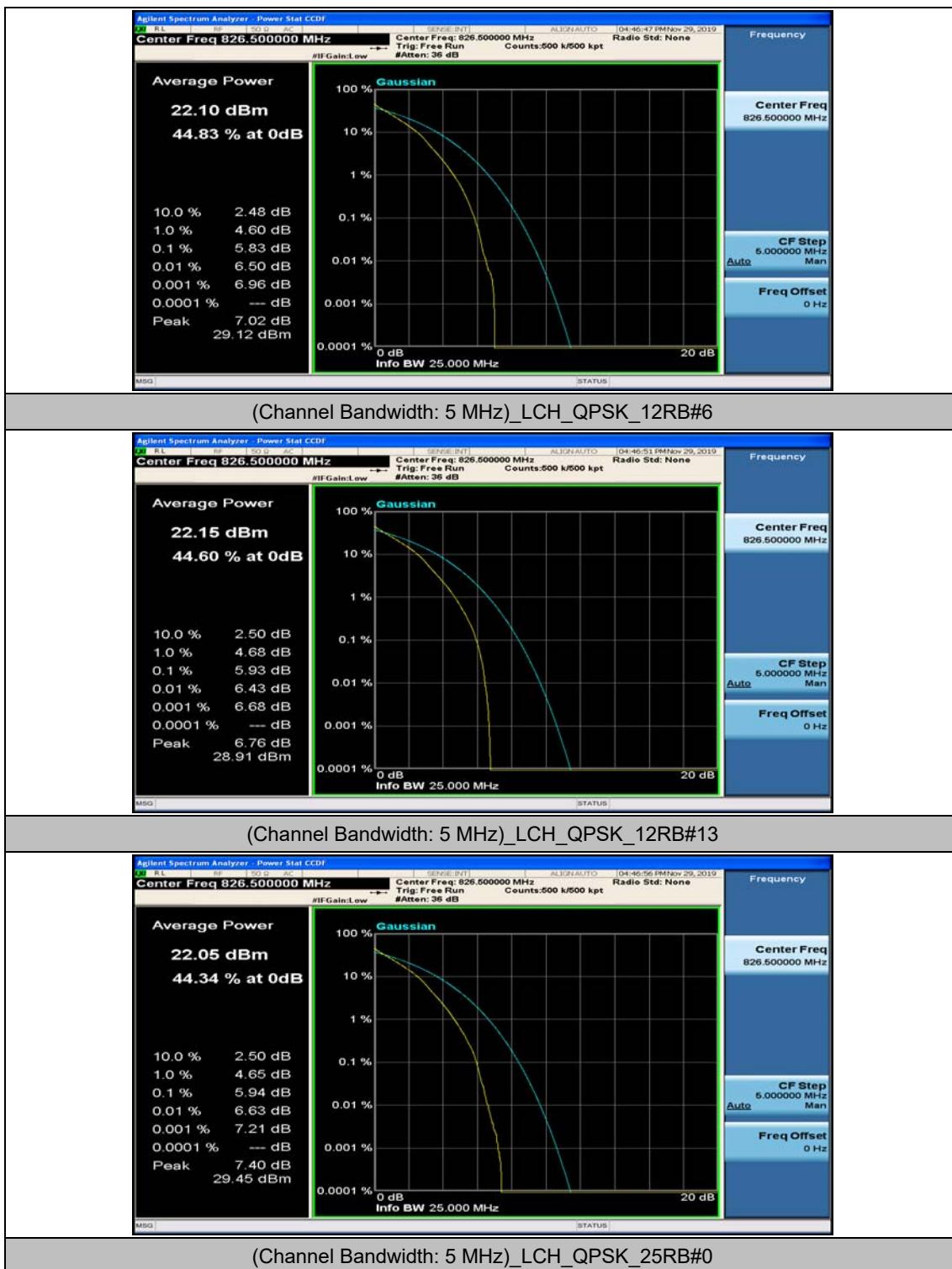


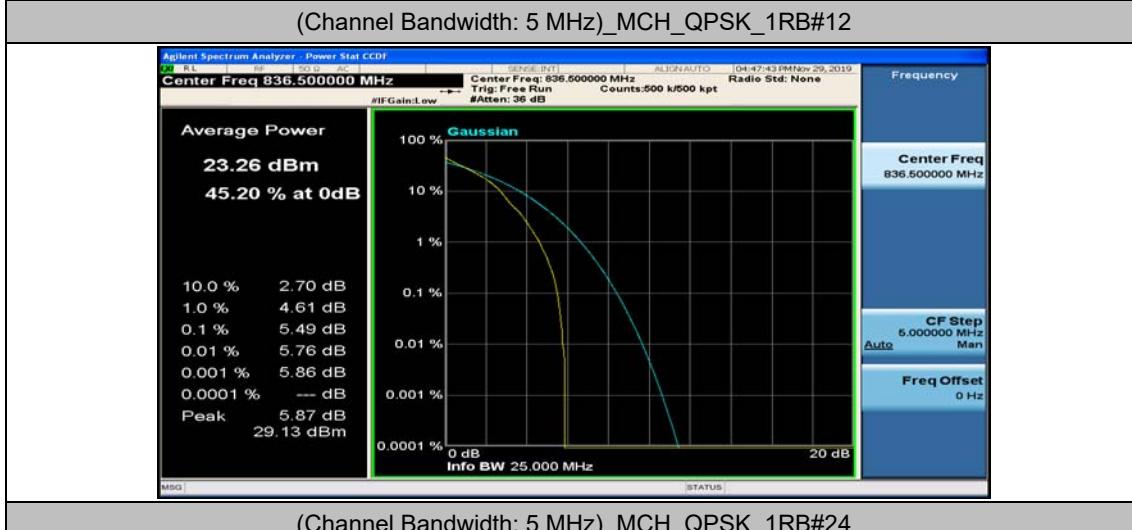
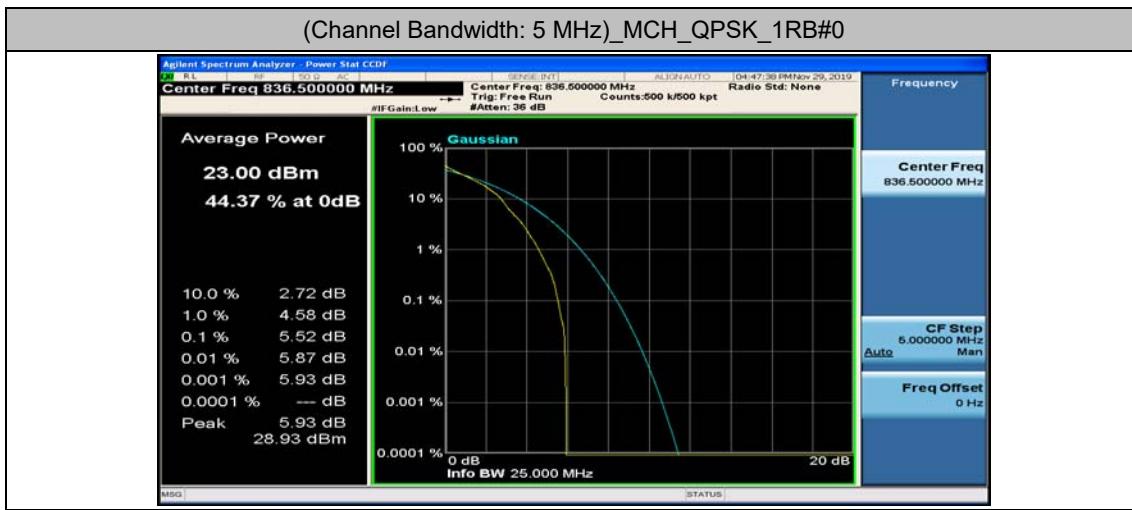
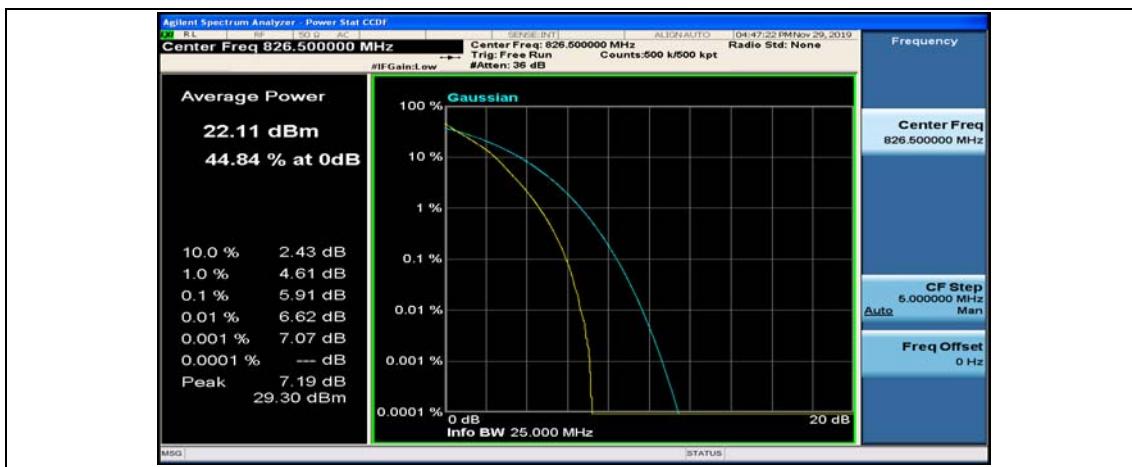




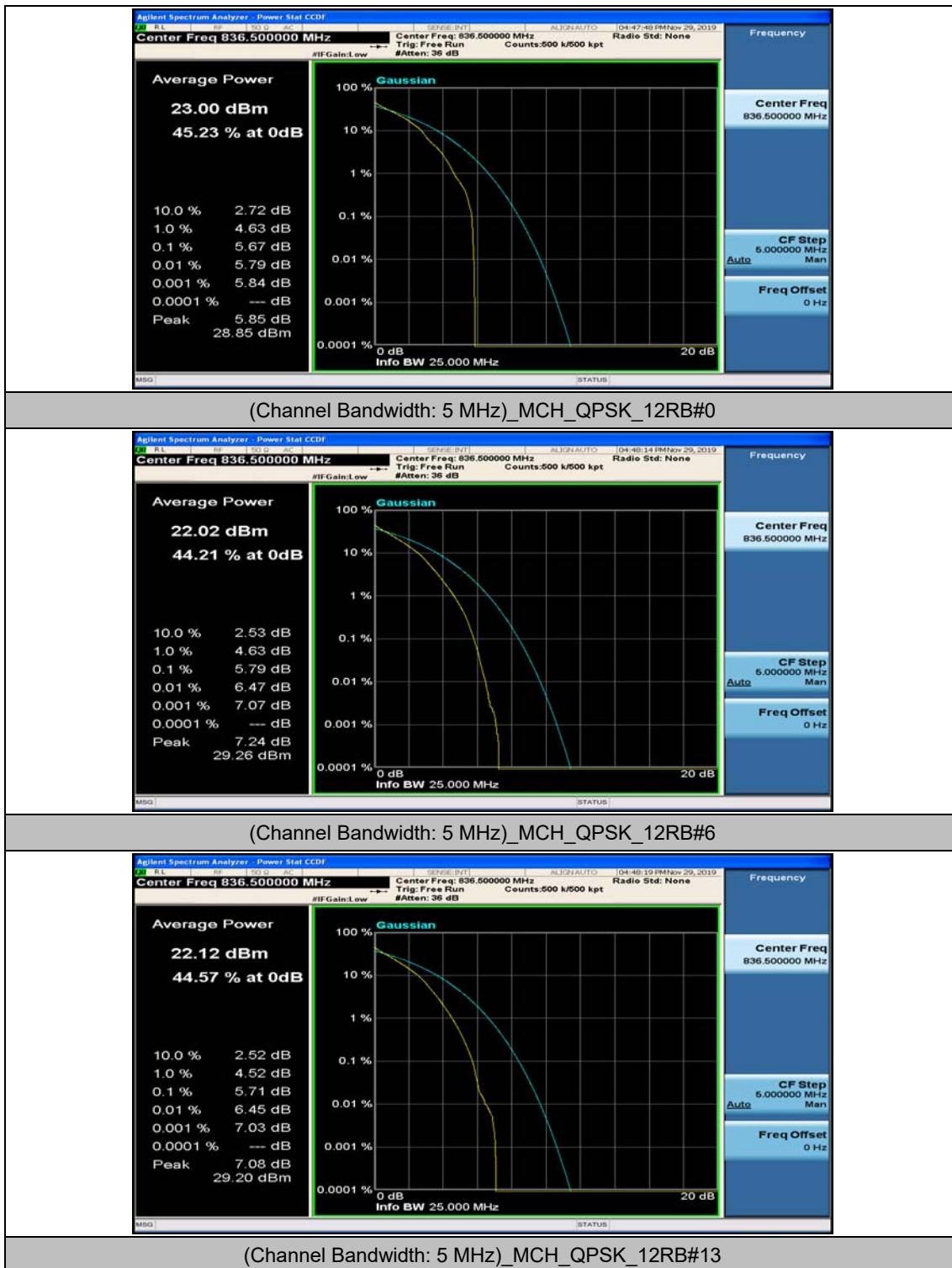
Channel Bandwidth: 5 MHz

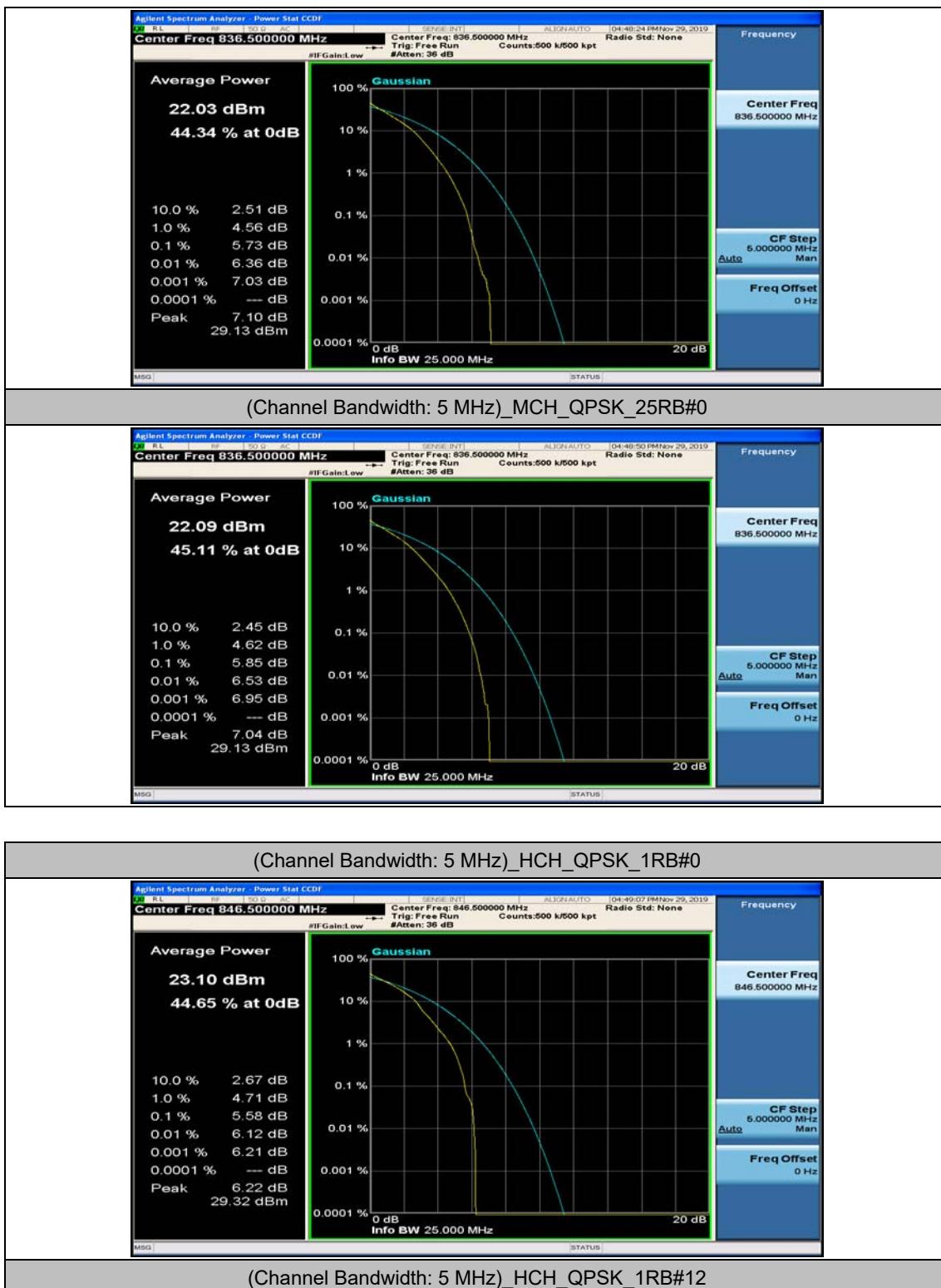


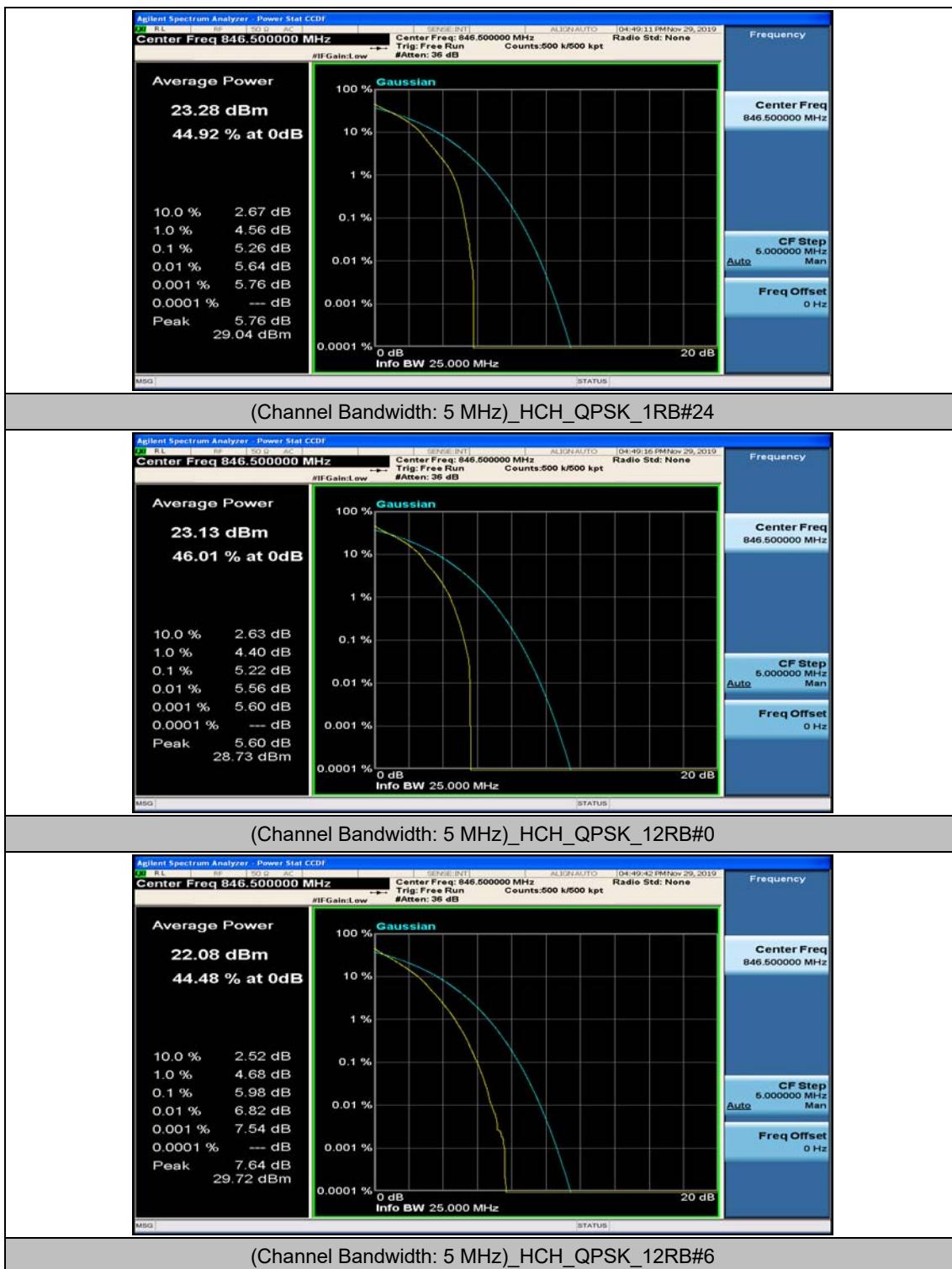


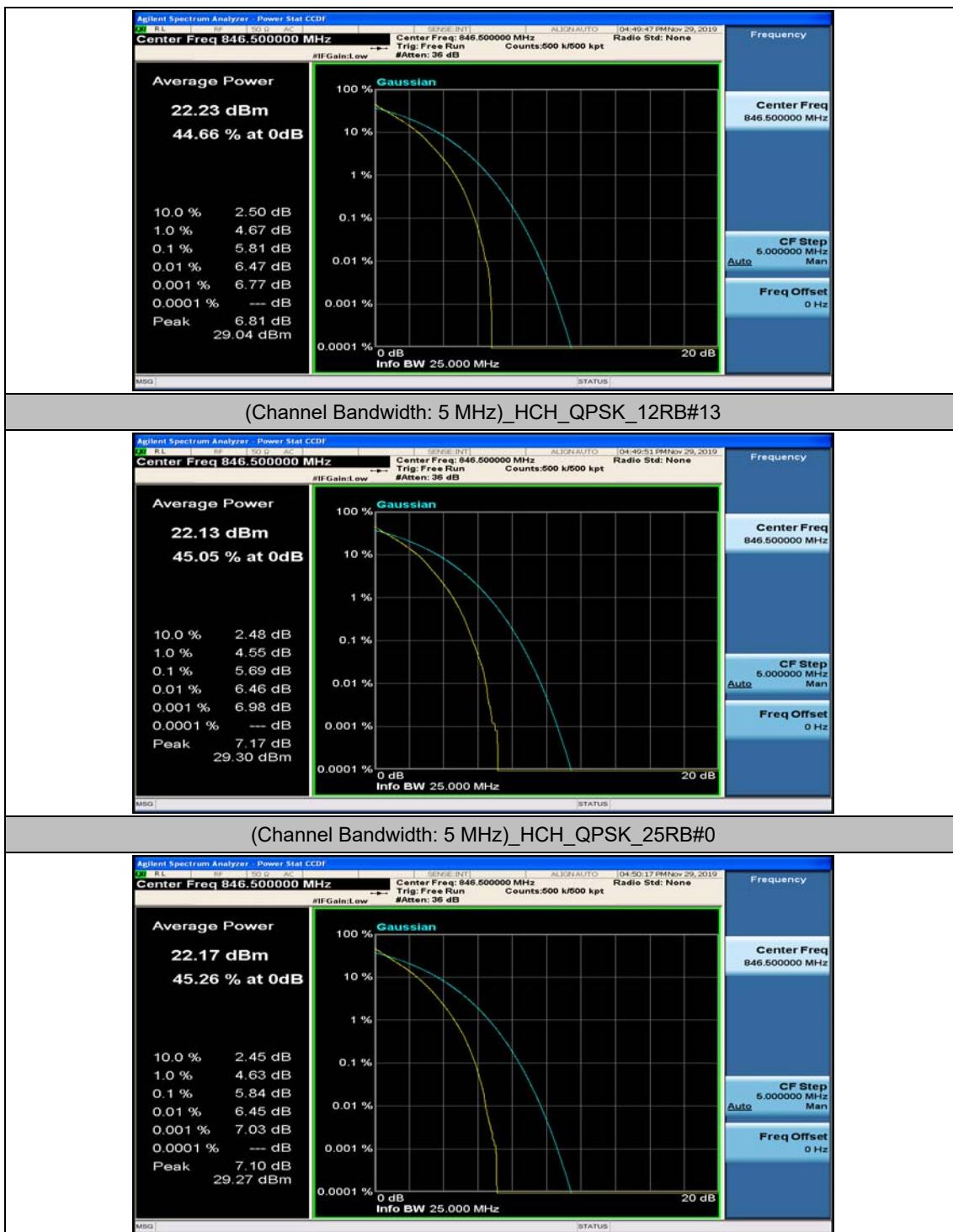


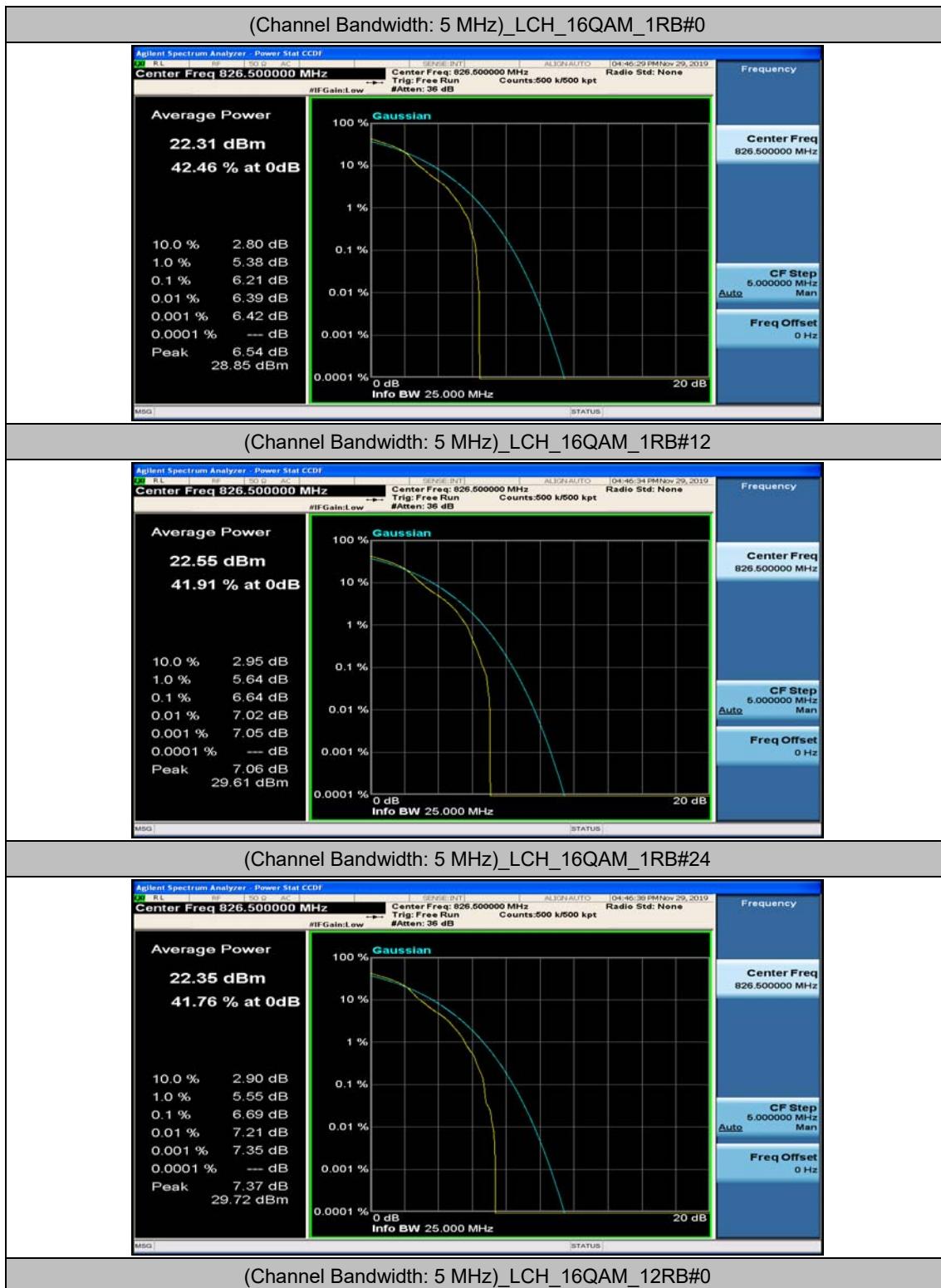
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24

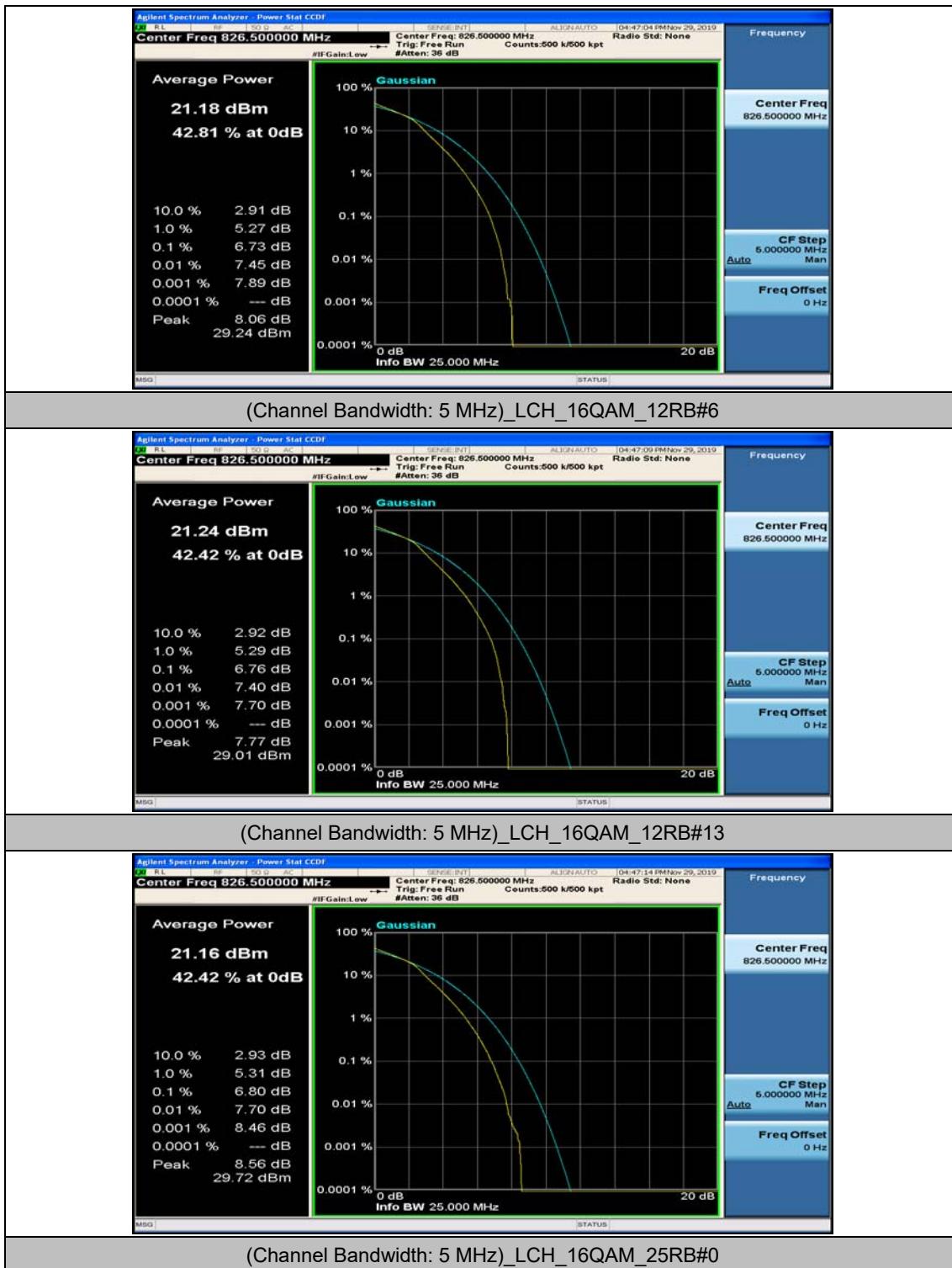


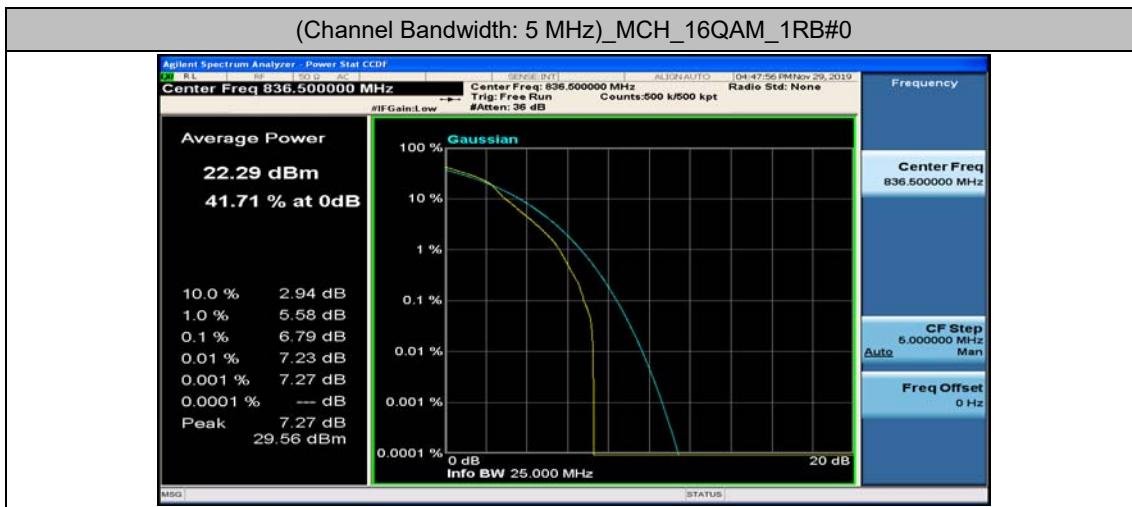




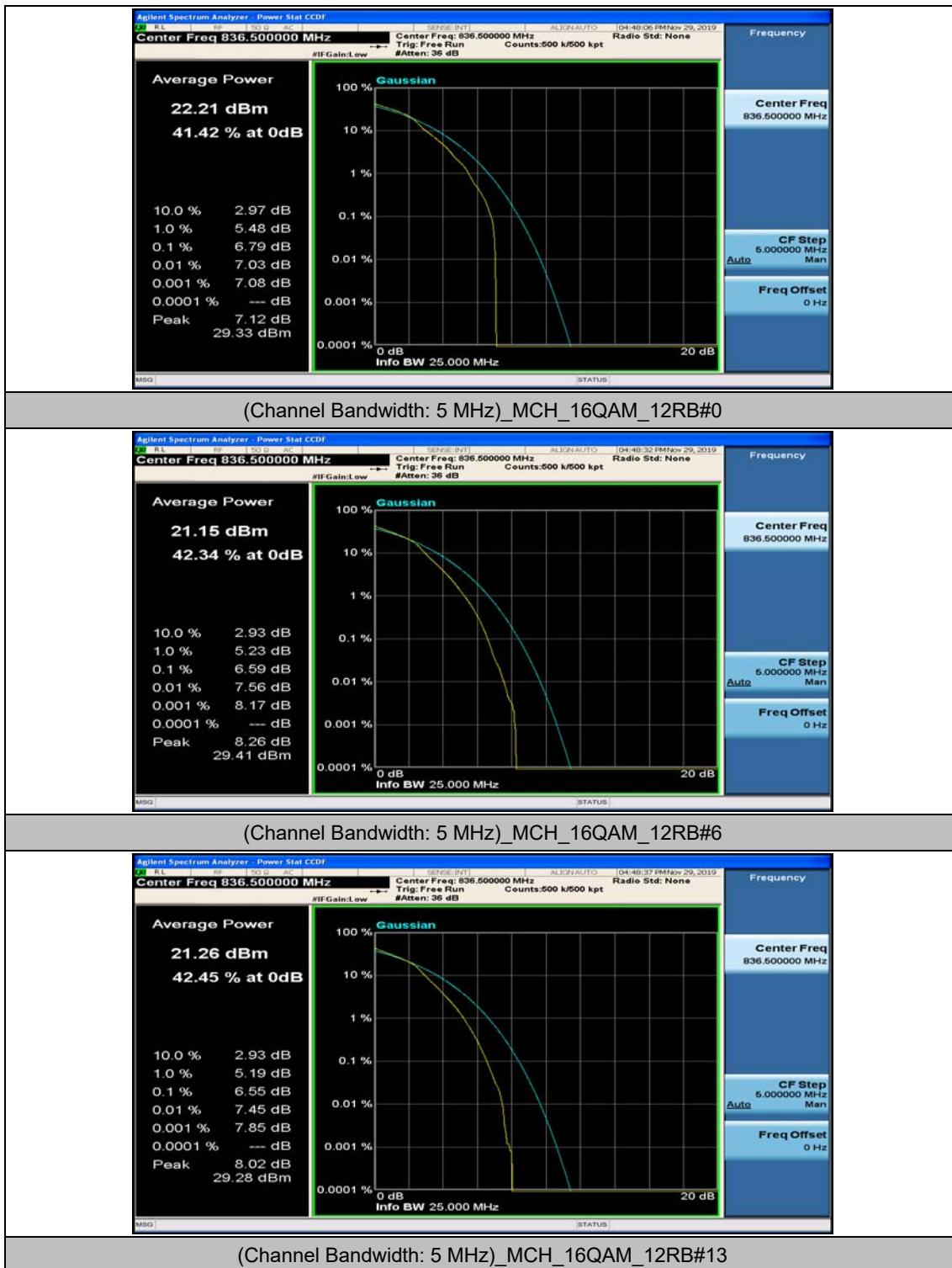


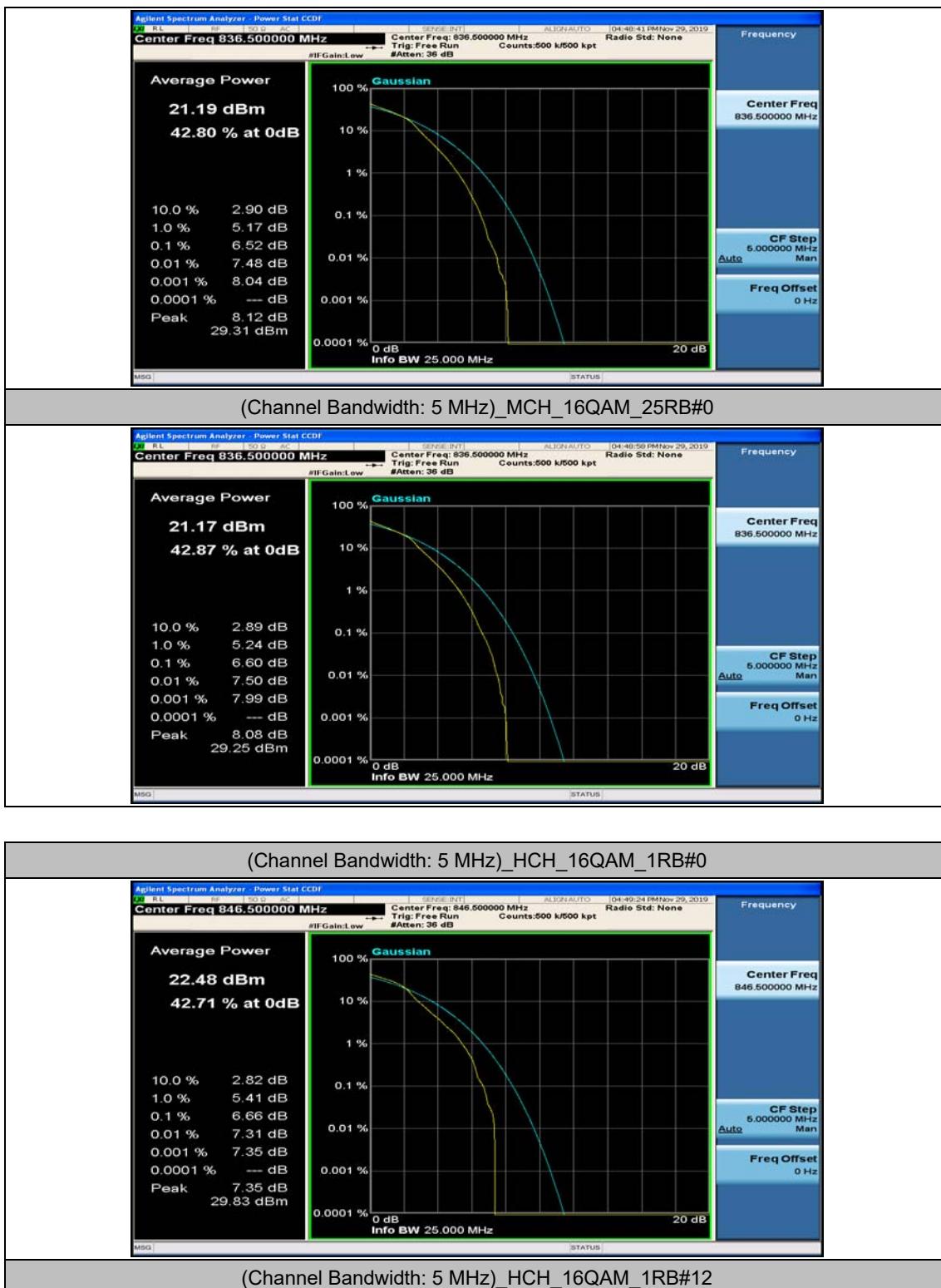


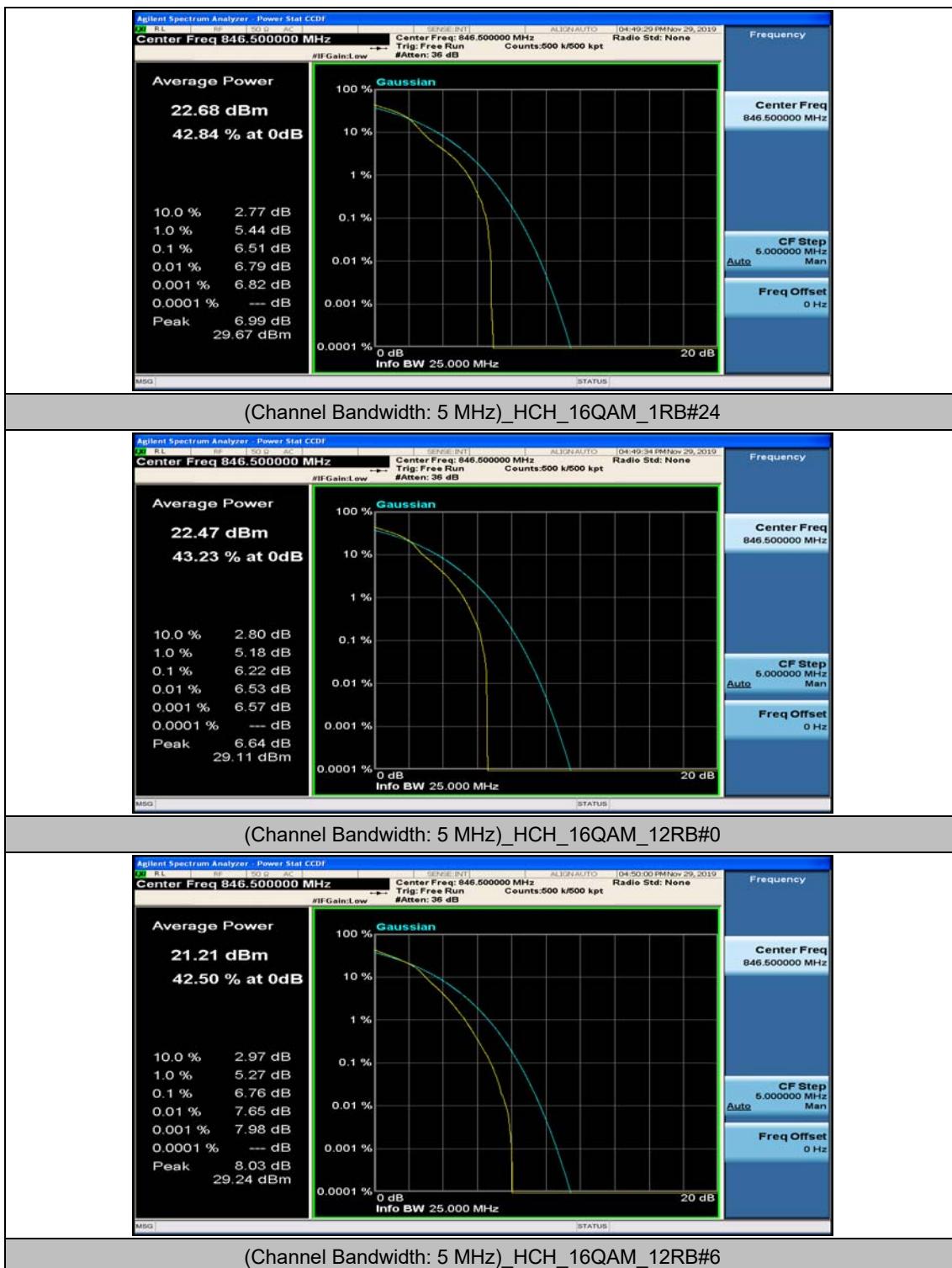


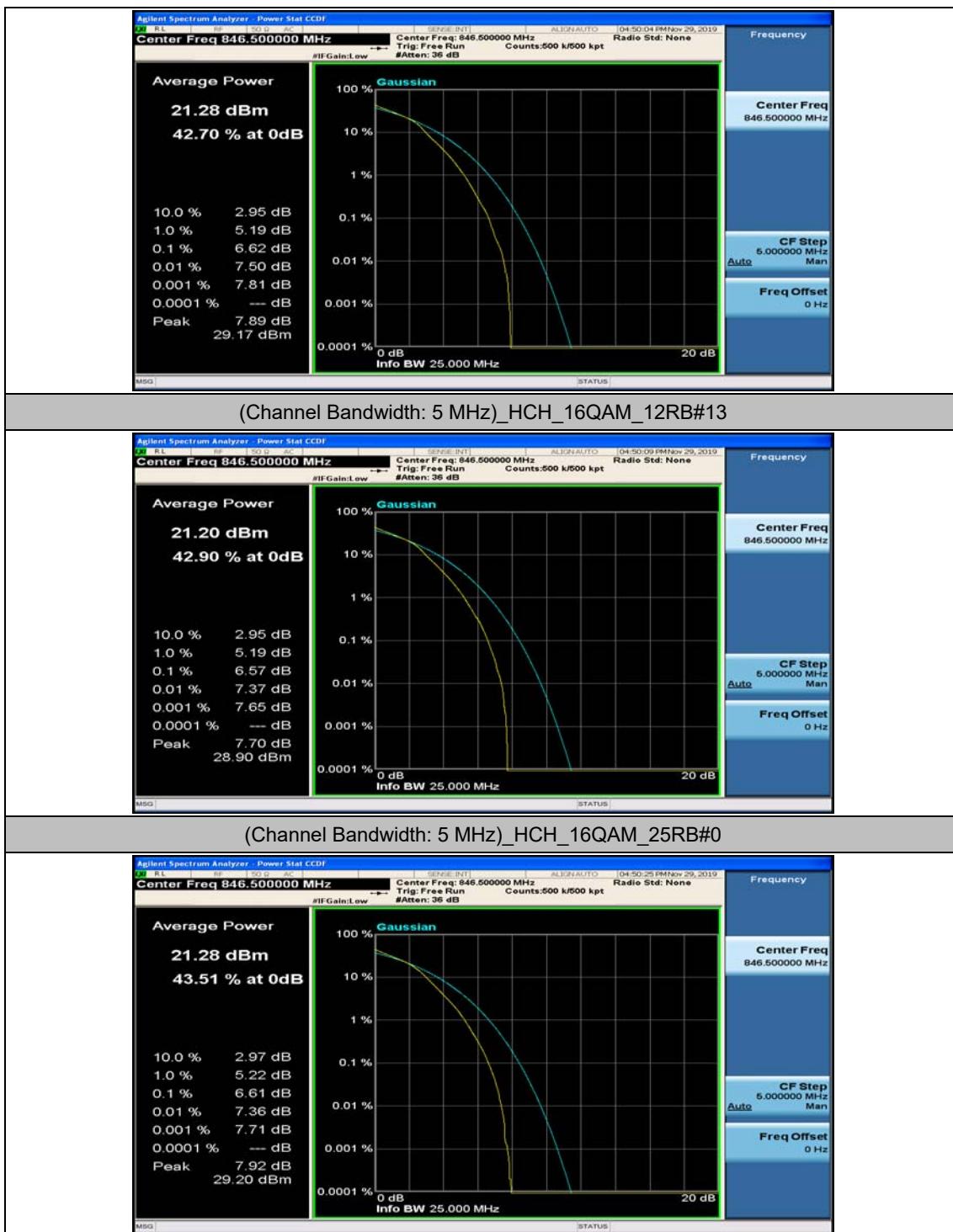


(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24

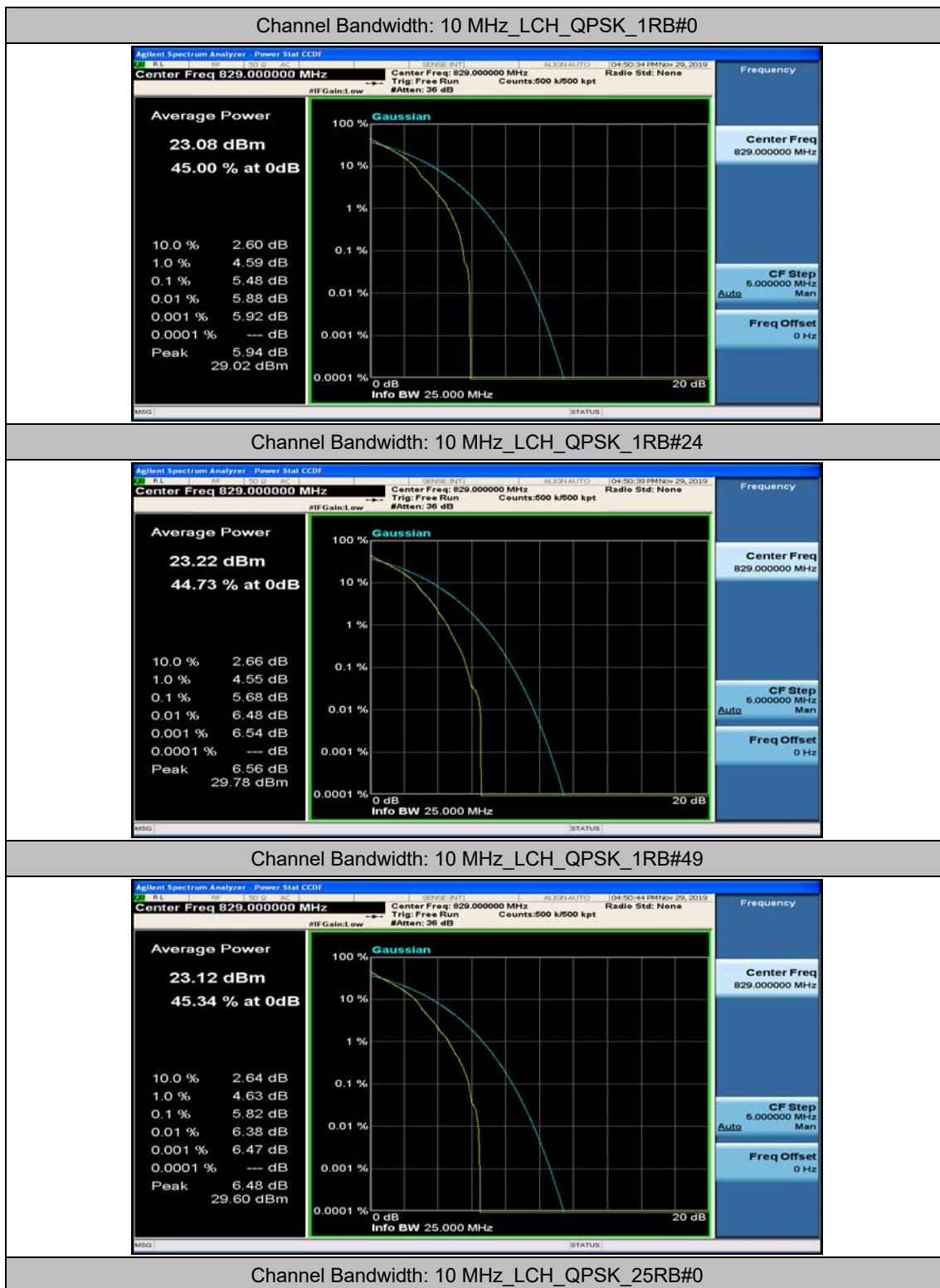


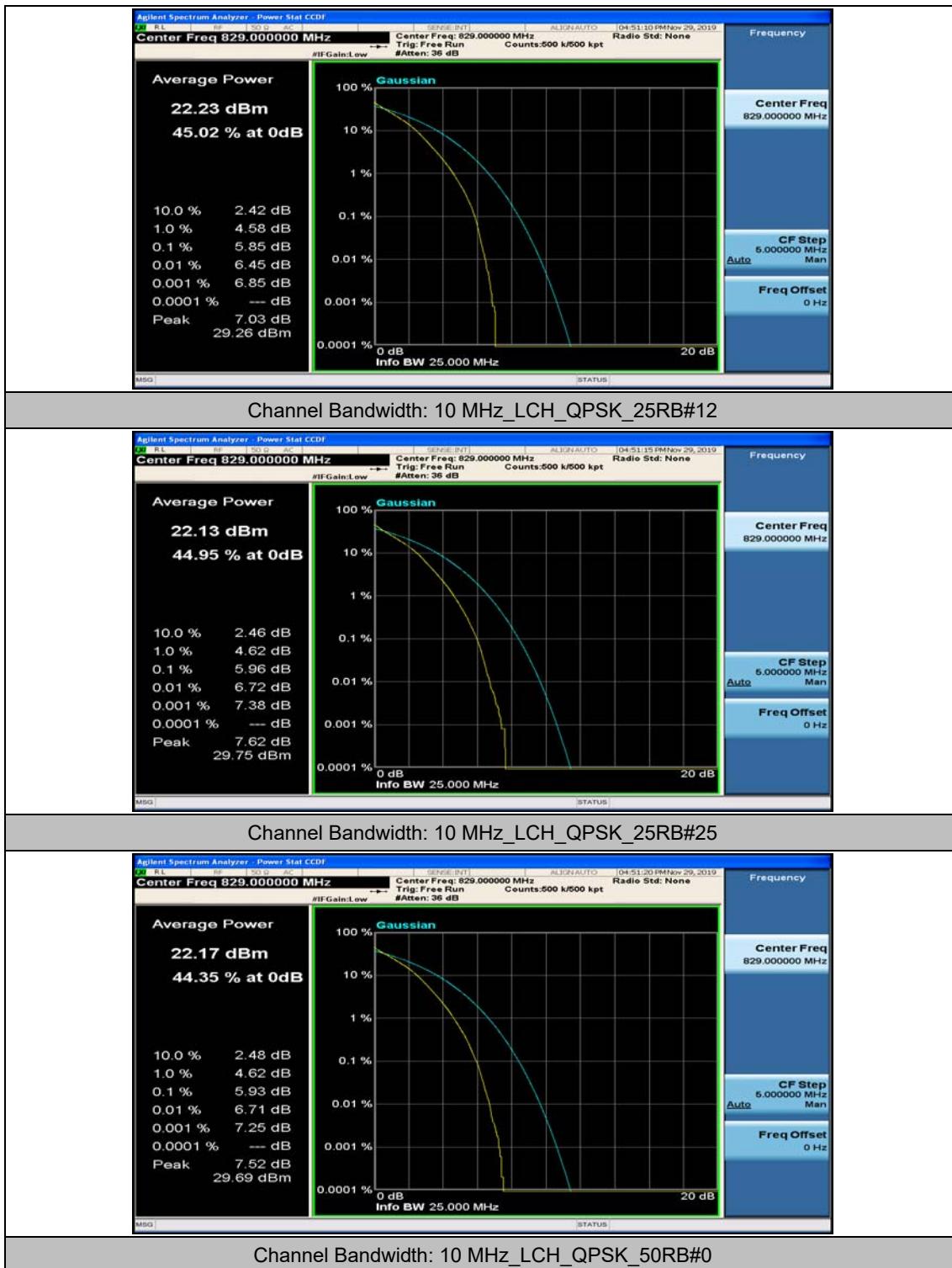


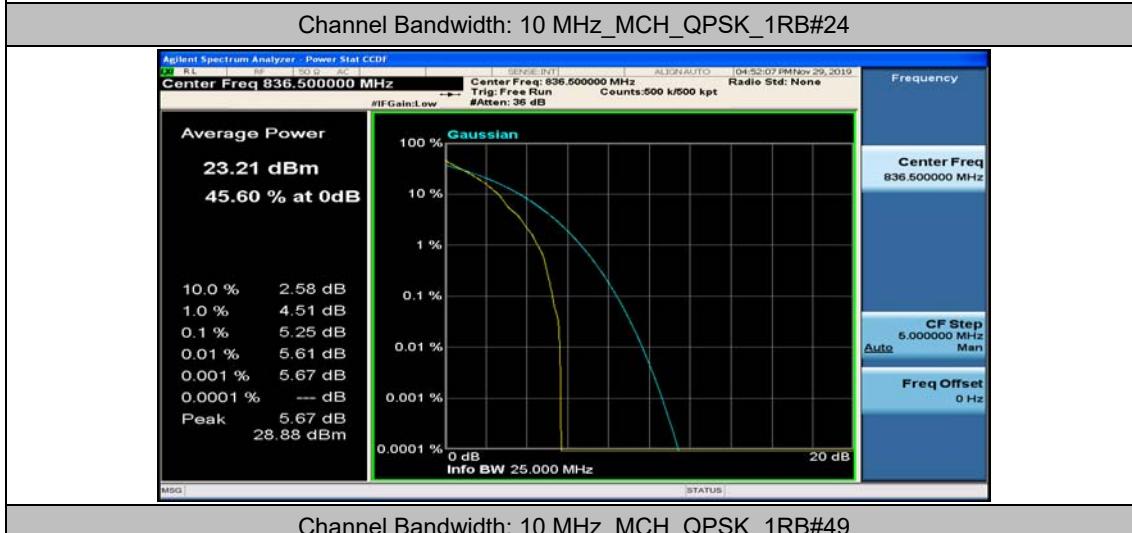
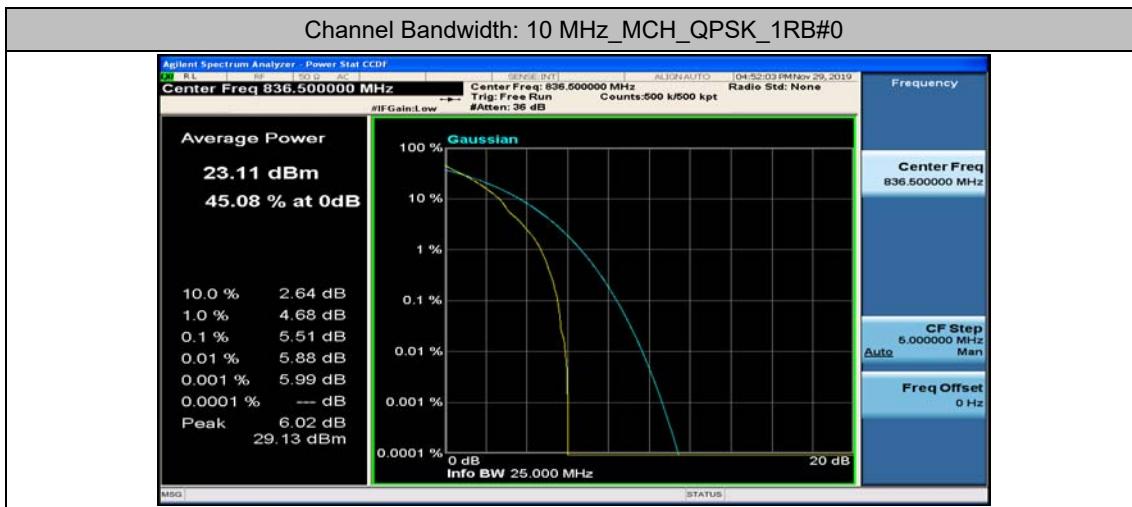
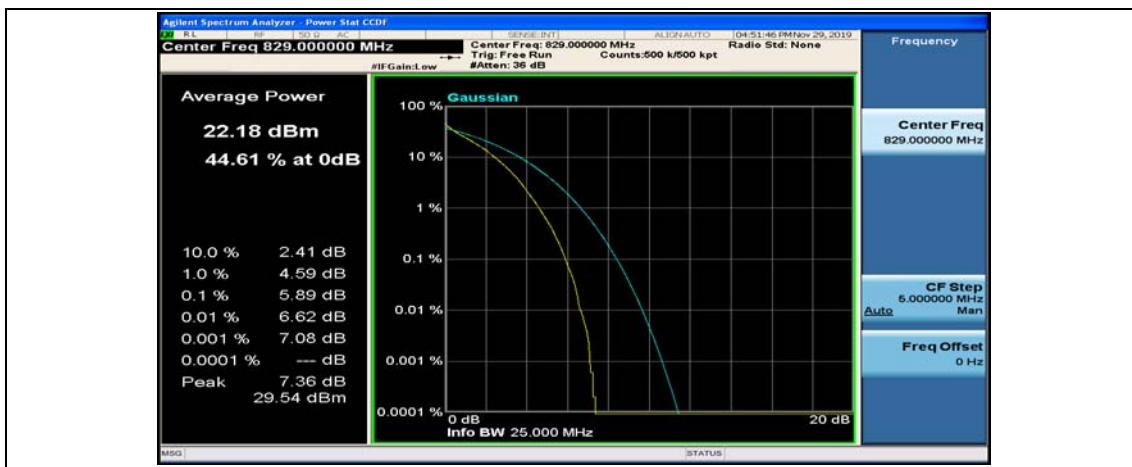




Channel Bandwidth: 10 MHz







Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49