

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	23.65	PASS
		1	3	23.73	PASS
		1	5	23.66	PASS
		3	0	22.68	PASS
		3	2	22.64	PASS
		3	3	22.68	PASS
		6	0	22.70	PASS
	MCH	1	0	22.22	PASS
		1	3	22.26	PASS
		1	5	22.48	PASS
		3	0	22.04	PASS
		3	2	22.14	PASS
		3	3	22.18	PASS
		6	0	21.14	PASS
16QAM	HCH	1	0	22.77	PASS
		1	3	22.64	PASS
		1	5	22.83	PASS
		3	0	22.65	PASS
		3	2	22.65	PASS
		3	3	22.66	PASS
		6	0	21.77	PASS
	LCH	1	0	22.91	PASS
		1	3	22.84	PASS
		1	5	22.90	PASS
		3	0	22.88	PASS
		3	2	22.75	PASS
		3	3	22.77	PASS
		6	0	21.65	PASS
	MCH	1	0	21.51	PASS
		1	3	21.69	PASS
		1	5	21.86	PASS
		3	0	21.19	PASS

		3	2	21.28	PASS
		3	3	21.39	PASS
		6	0	21.40	PASS
HCH	HCH	1	0	22.08	PASS
		1	3	22.01	PASS
		1	5	22.19	PASS
		3	0	21.91	PASS
		3	2	21.87	PASS
		3	3	21.92	PASS
		6	0	20.86	PASS

Channel Bandwidth: 3 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.65	PASS
		1	7	23.74	PASS
		1	14	23.61	PASS
		8	0	22.71	PASS
		8	4	22.70	PASS
		8	7	22.67	PASS
		15	0	22.66	PASS
	MCH	1	0	22.18	PASS
		1	7	22.14	PASS
		1	14	22.45	PASS
		8	0	21.04	PASS
		8	4	21.13	PASS
		8	7	21.32	PASS
		15	0	21.12	PASS
	HCH	1	0	23.48	PASS
		1	7	22.76	PASS
		1	14	22.66	PASS
		8	0	22.07	PASS
		8	4	21.81	PASS
		8	7	21.71	PASS
		15	0	21.89	PASS
16QAM	LCH	1	0	22.94	PASS
		1	7	22.71	PASS
		1	14	22.86	PASS
		8	0	21.74	PASS
		8	4	21.74	PASS
		8	7	21.68	PASS
		15	0	21.62	PASS

	MCH	1	0	21.59	PASS
		1	7	21.60	PASS
		1	14	21.94	PASS
		8	0	21.14	PASS
		8	4	21.26	PASS
		8	7	21.44	PASS
		15	0	21.23	PASS
	HCH	1	0	22.82	PASS
		1	7	22.15	PASS
		1	14	22.04	PASS
		8	0	21.16	PASS
		8	4	20.90	PASS
		8	7	20.80	PASS
		15	0	21.02	PASS

Channel Bandwidth: 5 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.80	PASS
		1	12	23.85	PASS
		1	24	23.68	PASS
		12	0	22.65	PASS
		12	6	22.62	PASS
		12	13	22.67	PASS
		25	0	22.66	PASS
	MCH	1	0	22.10	PASS
		1	12	22.17	PASS
		1	24	22.82	PASS
		12	0	21.63	PASS
		12	6	21.69	PASS
		12	13	21.12	PASS
		25	0	21.75	PASS
	HCH	1	0	23.74	PASS
		1	12	22.83	PASS
		1	24	22.72	PASS
		12	0	22.70	PASS
		12	6	21.94	PASS
		12	13	21.71	PASS
		25	0	22.16	PASS
16QAM	LCH	1	0	22.07	PASS
		1	12	22.08	PASS
		1	24	22.93	PASS

		12	0	21.77	PASS
		12	6	21.73	PASS
		12	13	21.69	PASS
		25	0	21.61	PASS
MCH	MCH	1	0	21.39	PASS
		1	12	21.11	PASS
		1	24	22.20	PASS
		12	0	20.86	PASS
		12	6	20.93	PASS
		12	13	20.87	PASS
		25	0	20.98	PASS
HCH	HCH	1	0	22.92	PASS
		1	12	22.10	PASS
		1	24	22.00	PASS
		12	0	21.66	PASS
		12	6	21.07	PASS
		12	13	20.64	PASS
		25	0	21.28	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.86	PASS
		1	24	23.28	PASS
		1	49	22.49	PASS
		25	0	22.77	PASS
		25	12	22.46	PASS
		25	25	21.36	PASS
		50	0	22.47	PASS
	MCH	1	0	23.73	PASS
		1	24	22.64	PASS
		1	49	23.54	PASS
		25	0	21.77	PASS
		25	12	21.79	PASS
		25	25	21.65	PASS
		50	0	21.21	PASS
	HCH	1	0	23.49	PASS
		1	24	23.68	PASS
		1	49	22.22	PASS
		25	0	22.58	PASS
		25	12	22.62	PASS
		25	25	22.11	PASS

		50	0	22.61	PASS
16QAM	LCH	1	0	22.55	PASS
		1	24	22.66	PASS
		1	49	21.91	PASS
		25	0	21.65	PASS
		25	12	21.65	PASS
		25	25	21.55	PASS
		50	0	21.57	PASS
	MCH	1	0	21.71	PASS
		1	24	21.15	PASS
		1	49	22.97	PASS
		25	0	20.91	PASS
		25	12	20.95	PASS
		25	25	20.79	PASS
		50	0	20.99	PASS
	HCH	1	0	22.88	PASS
		1	24	22.94	PASS
		1	49	21.63	PASS
		25	0	21.55	PASS
		25	12	21.58	PASS
		25	25	21.26	PASS
		50	0	21.61	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	5.61	<13	PASS
		1	3	5.6	<13	PASS
		1	5	5.74	<13	PASS
		3	0	5.68	<13	PASS
		3	2	5.79	<13	PASS
		3	3	5.68	<13	PASS
		6	0	5.87	<13	PASS
	MCH	1	0	6.04	<13	PASS
		1	3	6.23	<13	PASS
		1	5	5.8	<13	PASS
		3	0	6.36	<13	PASS
		3	2	6.4	<13	PASS
		3	3	6.36	<13	PASS
		6	0	6.13	<13	PASS
	HCH	1	0	5.78	<13	PASS
		1	3	6.04	<13	PASS
		1	5	5.79	<13	PASS
		3	0	5.91	<13	PASS
		3	2	6	<13	PASS
		3	3	6	<13	PASS
		6	0	6.16	<13	PASS
16QAM	LCH	1	0	6.43	<13	PASS
		1	3	6.55	<13	PASS
		1	5	6.58	<13	PASS
		3	0	6.7	<13	PASS
		3	2	6.85	<13	PASS
		3	3	6.74	<13	PASS
		6	0	6.9	<13	PASS
	MCH	1	0	7.03	<13	PASS
		1	3	7.33	<13	PASS
		1	5	7.04	<13	PASS
		3	0	7.06	<13	PASS

		3	2	7.12	<13	PASS
		3	3	7.04	<13	PASS
		6	0	7.04	<13	PASS
HCH		1	0	6.67	<13	PASS
		1	3	6.71	<13	PASS
		1	5	6.7	<13	PASS
		3	0	6.65	<13	PASS
		3	2	7.13	<13	PASS
		3	3	6.63	<13	PASS
		6	0	6.88	<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	5.65	<13	PASS
		1	7	5.42	<13	PASS
		1	14	5.3	<13	PASS
		8	0	5.79	<13	PASS
		8	4	5.81	<13	PASS
		8	7	5.65	<13	PASS
		15	0	5.81	<13	PASS
	MCH	1	0	5.79	<13	PASS
		1	7	5.61	<13	PASS
		1	14	5.79	<13	PASS
		8	0	6.59	<13	PASS
		8	4	6.35	<13	PASS
		8	7	6.37	<13	PASS
		15	0	6.45	<13	PASS
	HCH	1	0	5.35	<13	PASS
		1	7	5.84	<13	PASS
		1	14	5.68	<13	PASS
		8	0	5.89	<13	PASS
		8	4	6.09	<13	PASS
		8	7	6.18	<13	PASS
		15	0	5.98	<13	PASS
16QAM	LCH	1	0	6.62	<13	PASS
		1	7	6.33	<13	PASS
		1	14	6.22	<13	PASS
		8	0	6.41	<13	PASS
		8	4	6.21	<13	PASS

		8	7	6.37	<13	PASS
		15	0	6.57	<13	PASS
MCH		1	0	6.67	<13	PASS
		1	7	6.68	<13	PASS
		1	14	6.55	<13	PASS
		8	0	6.8	<13	PASS
		8	4	6.86	<13	PASS
		8	7	6.83	<13	PASS
		15	0	7.2	<13	PASS
HCH		1	0	6.28	<13	PASS
		1	7	6.66	<13	PASS
		1	14	6.83	<13	PASS
		8	0	6.89	<13	PASS
		8	4	7.09	<13	PASS
		8	7	7.06	<13	PASS
		15	0	6.63	<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	5.88	<13	PASS
		1	12	5.53	<13	PASS
		1	24	5.41	<13	PASS
		12	0	5.77	<13	PASS
		12	6	5.63	<13	PASS
		12	13	5.63	<13	PASS
		25	0	5.72	<13	PASS
	MCH	1	0	5.89	<13	PASS
		1	12	6.22	<13	PASS
		1	24	6.06	<13	PASS
		12	0	6.12	<13	PASS
		12	6	6.04	<13	PASS
		12	13	6.15	<13	PASS
		25	0	6.39	<13	PASS
	HCH	1	0	5.18	<13	PASS
		1	12	5.52	<13	PASS
		1	24	5.85	<13	PASS
		12	0	5.7	<13	PASS
		12	6	5.73	<13	PASS
		12	13	5.94	<13	PASS

		25	0	6	<13	PASS
16QAM	LCH	1	0	6.47	<13	PASS
		1	12	6.23	<13	PASS
		1	24	6.07	<13	PASS
		12	0	6.57	<13	PASS
		12	6	6.56	<13	PASS
		12	13	6.39	<13	PASS
		25	0	6.27	<13	PASS
	MCH	1	0	7.11	<13	PASS
		1	12	6.71	<13	PASS
		1	24	7.14	<13	PASS
		12	0	6.83	<13	PASS
		12	6	6.87	<13	PASS
		12	13	6.8	<13	PASS
		25	0	6.99	<13	PASS
	HCH	1	0	6.12	<13	PASS
		1	12	6.41	<13	PASS
		1	24	6.61	<13	PASS
		12	0	6.34	<13	PASS
		12	6	6.46	<13	PASS
		12	13	6.76	<13	PASS
		25	0	6.47	<13	PASS

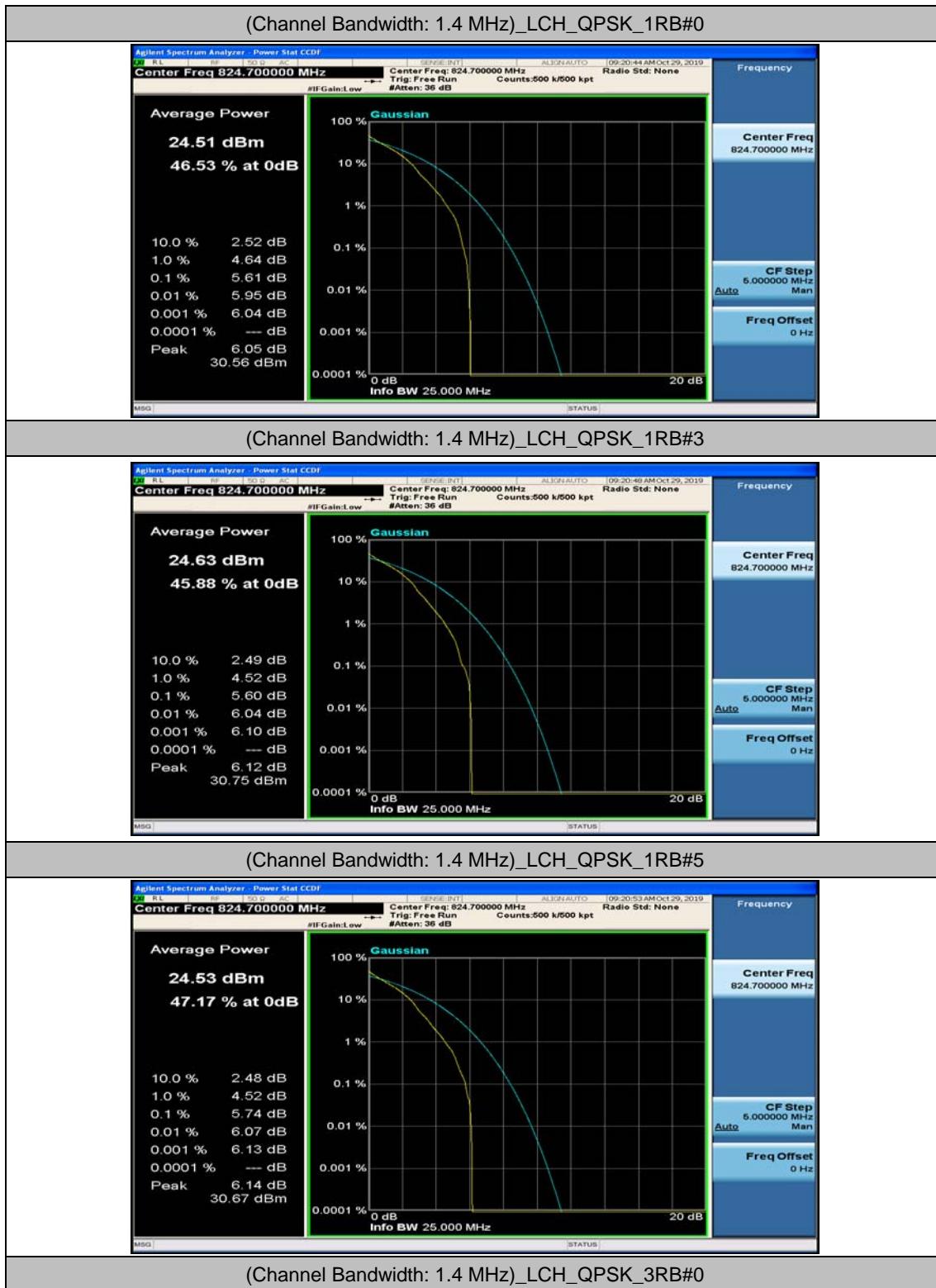
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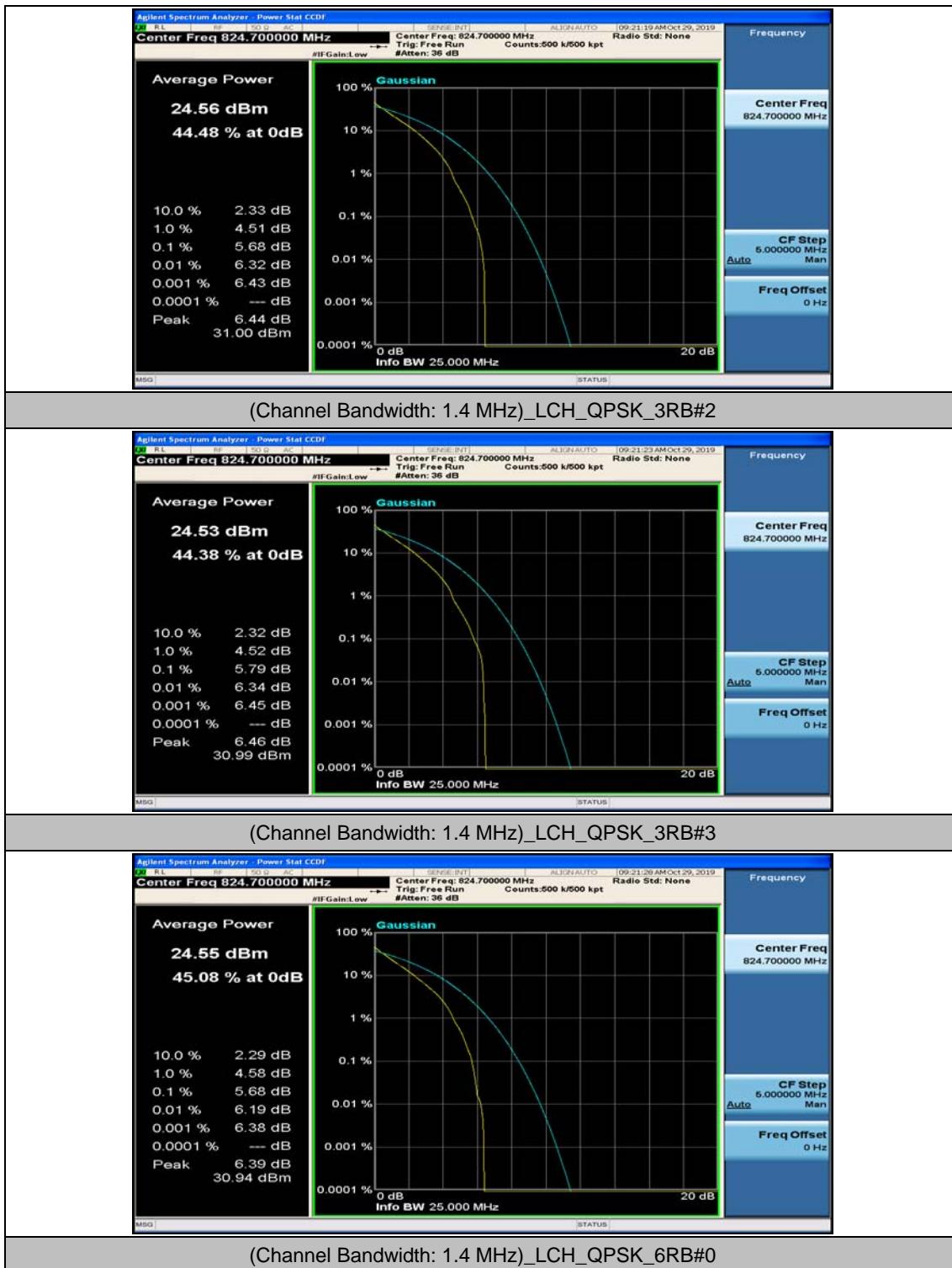
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Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
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		1	24	5.27	<13	PASS
		1	49	5.97	<13	PASS
		25	0	5.59	<13	PASS
		25	12	5.7	<13	PASS
		25	25	6.06	<13	PASS
		50	0	5.7	<13	PASS
	MCH	1	0	5.55	<13	PASS
		1	24	5.7	<13	PASS
		1	49	5.64	<13	PASS
		25	0	6.3	<13	PASS
		25	12	6.38	<13	PASS
		25	25	6.27	<13	PASS
		50	0	6.35	<13	PASS

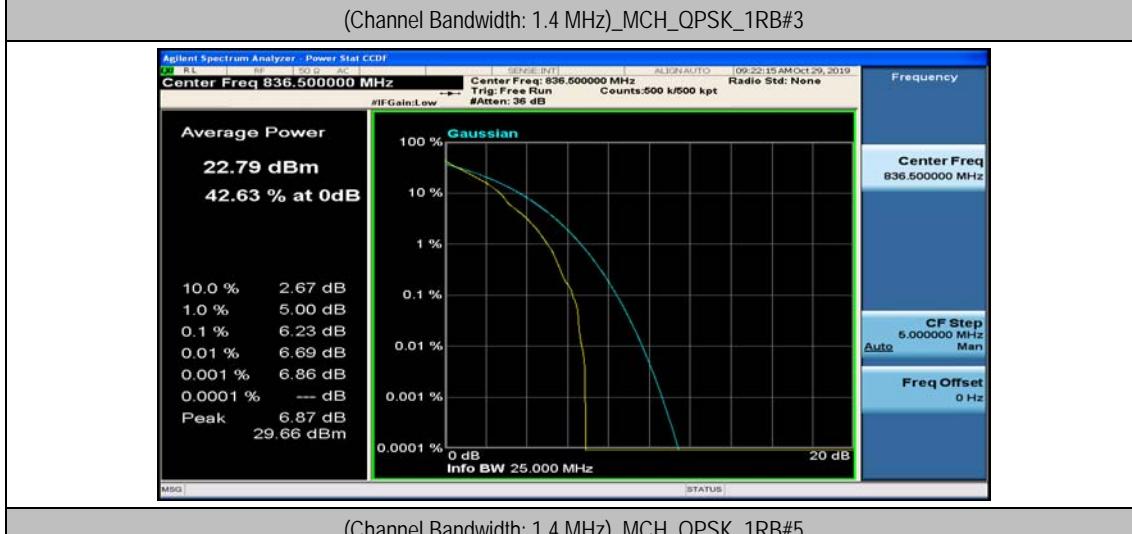
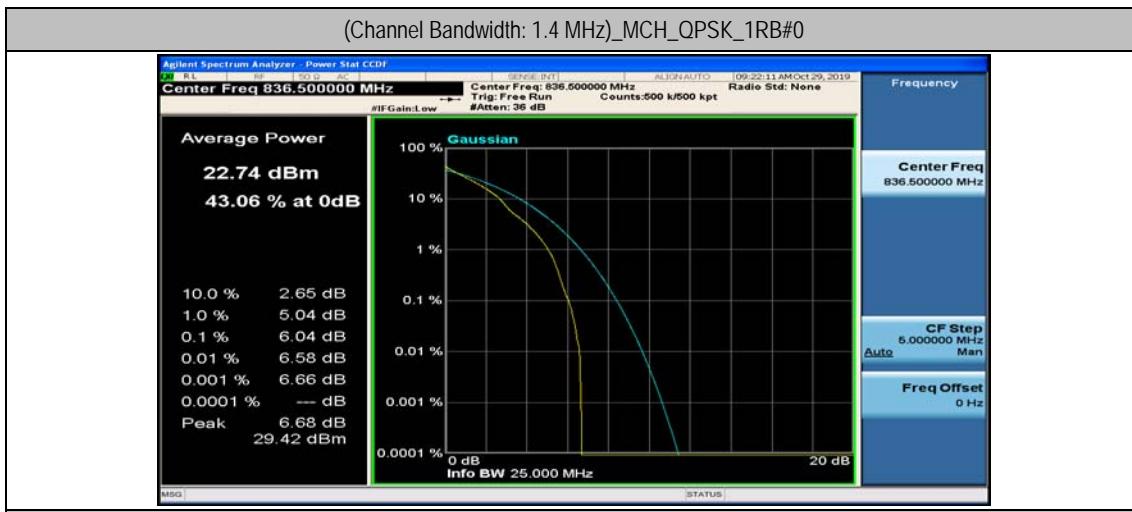
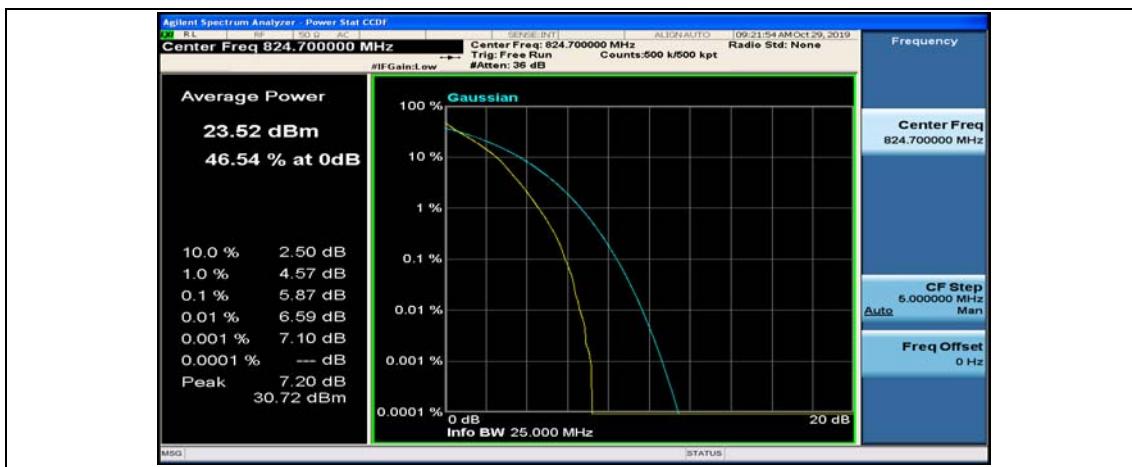
		1	0	5.92	<13	PASS
		1	24	5.15	<13	PASS
		1	49	5.79	<13	PASS
	HCH	25	0	5.63	<13	PASS
		25	12	5.51	<13	PASS
		25	25	5.7	<13	PASS
		50	0	5.65	<13	PASS
16QAM	LCH	1	0	6.52	<13	PASS
		1	24	6.28	<13	PASS
		1	49	6.94	<13	PASS
		25	0	6.31	<13	PASS
		25	12	6.49	<13	PASS
		25	25	6.65	<13	PASS
		50	0	6.33	<13	PASS
	MCH	1	0	6.44	<13	PASS
		1	24	6.66	<13	PASS
		1	49	6.56	<13	PASS
		25	0	6.93	<13	PASS
		25	12	7	<13	PASS
		25	25	6.99	<13	PASS
		50	0	6.91	<13	PASS
	HCH	1	0	6.94	<13	PASS
		1	24	5.95	<13	PASS
		1	49	7.05	<13	PASS
		25	0	6.53	<13	PASS
		25	12	6.27	<13	PASS
		25	25	6.51	<13	PASS
		50	0	6.3	<13	PASS

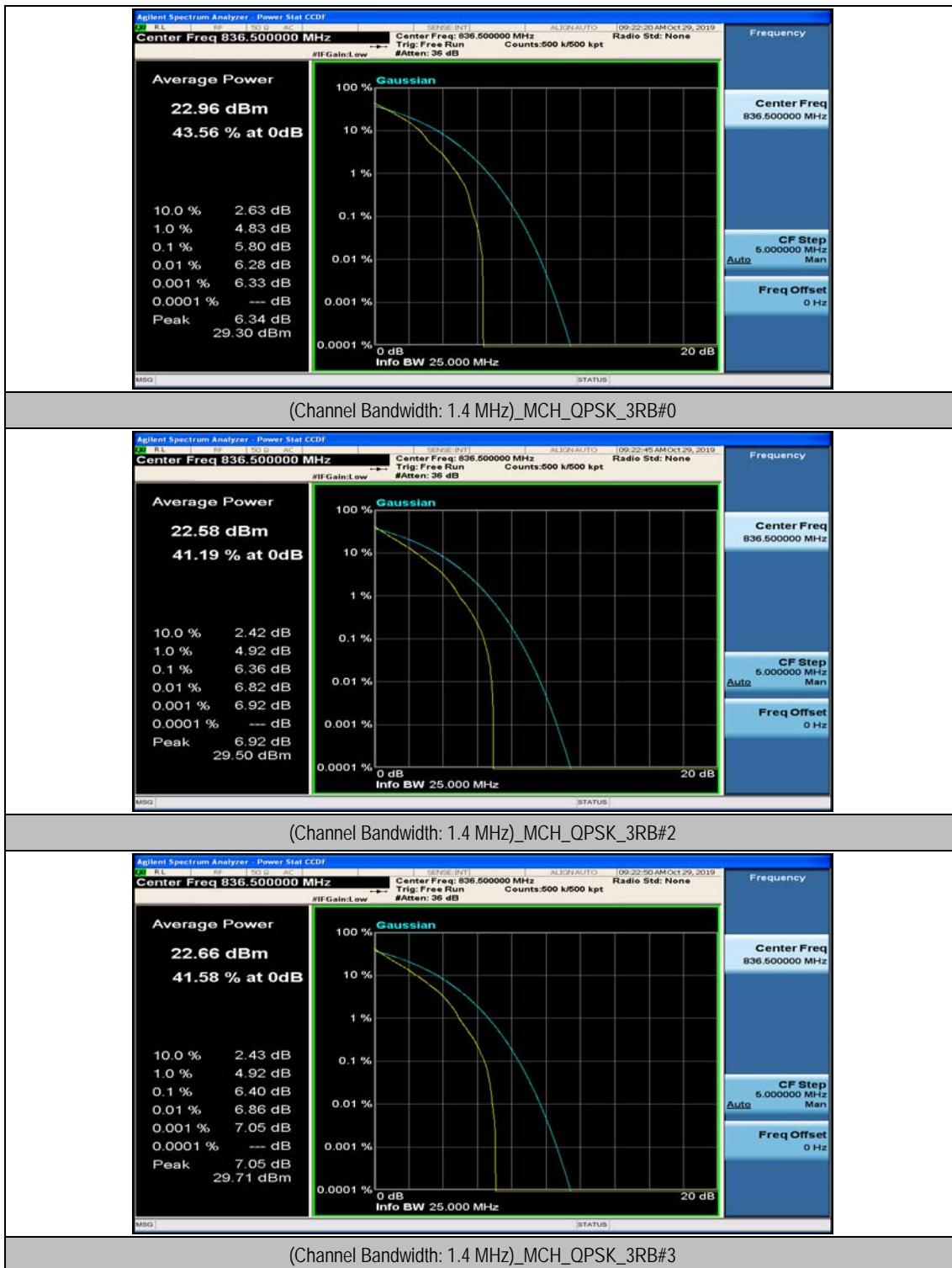
Test Graphs

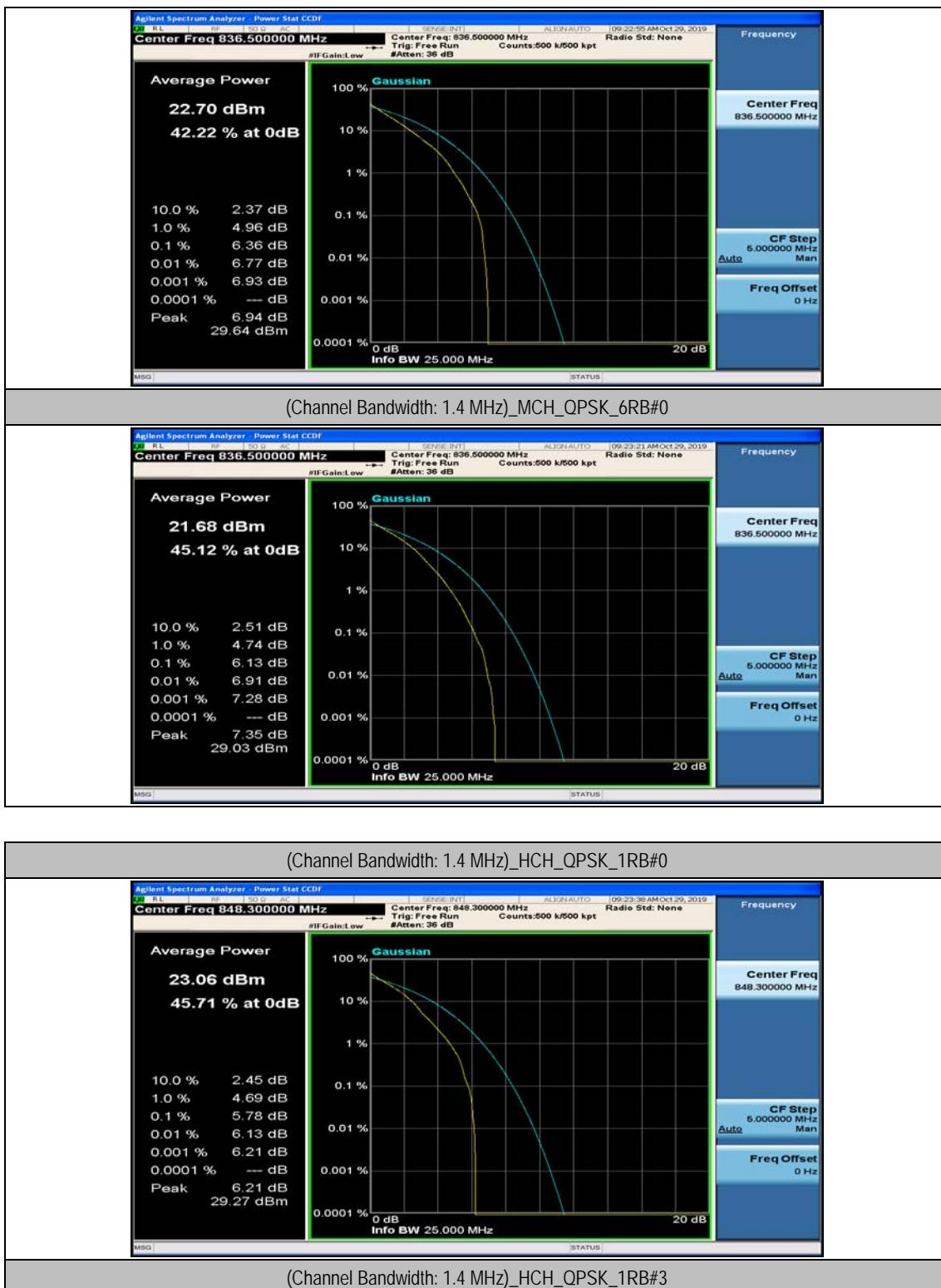
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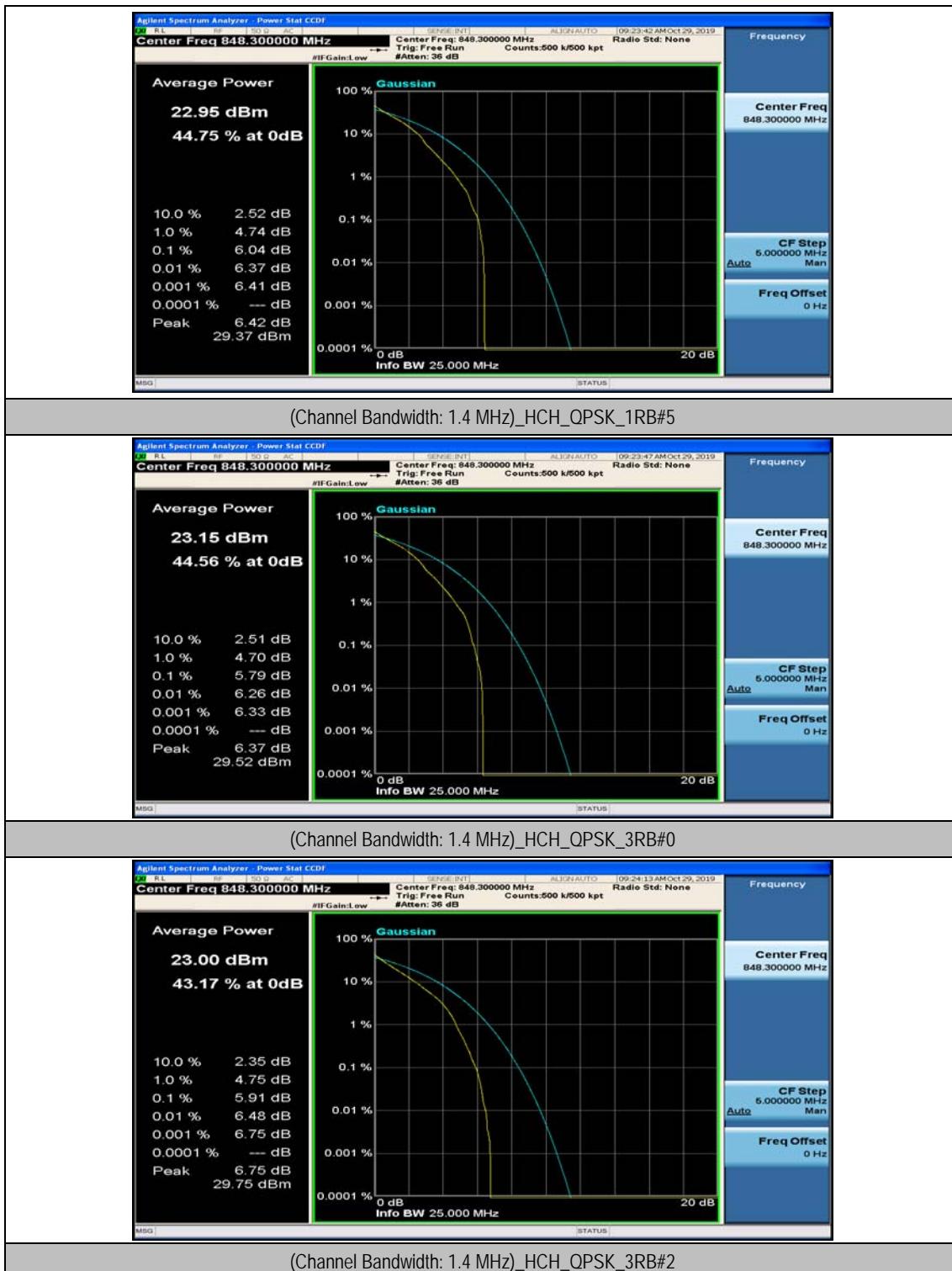


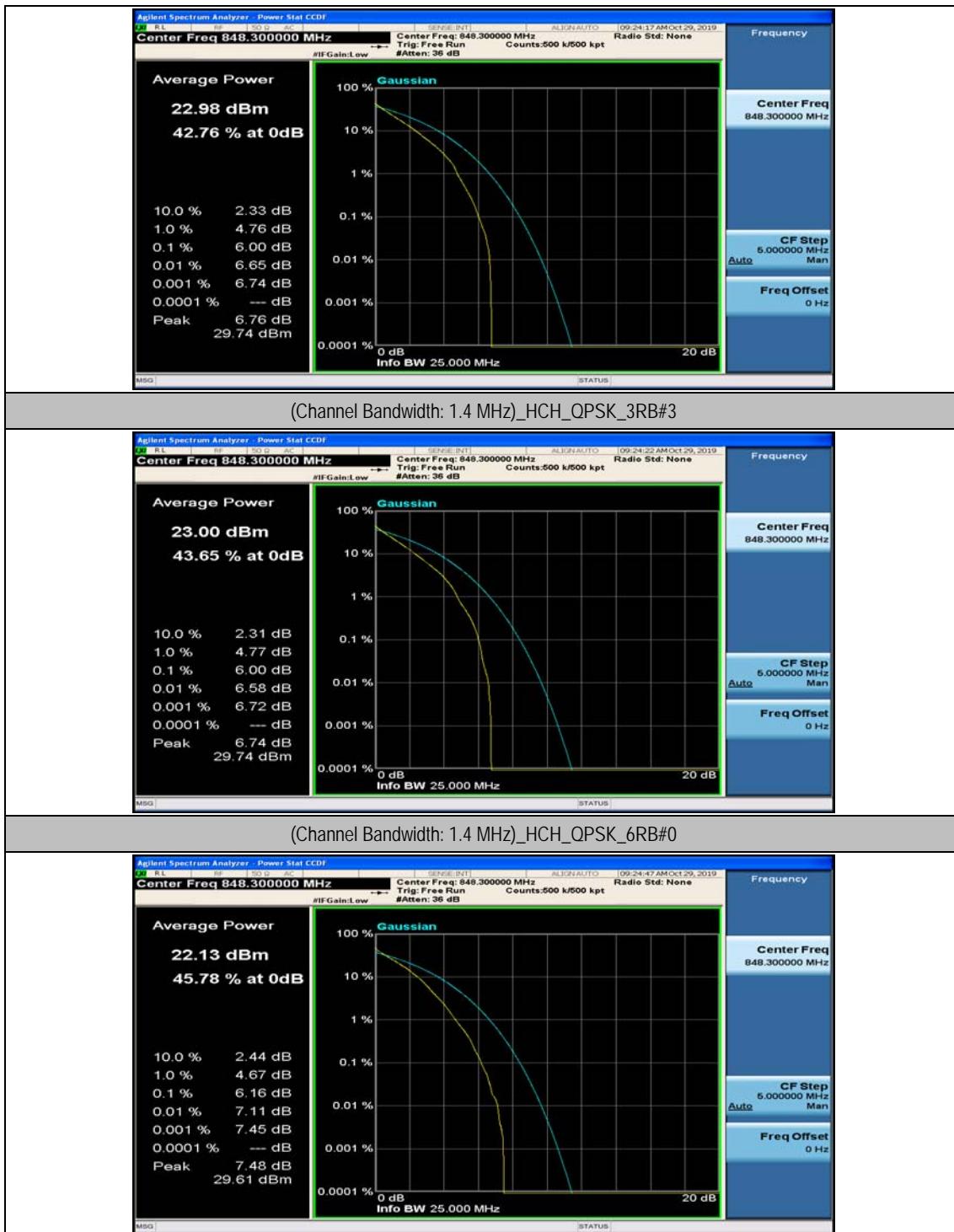


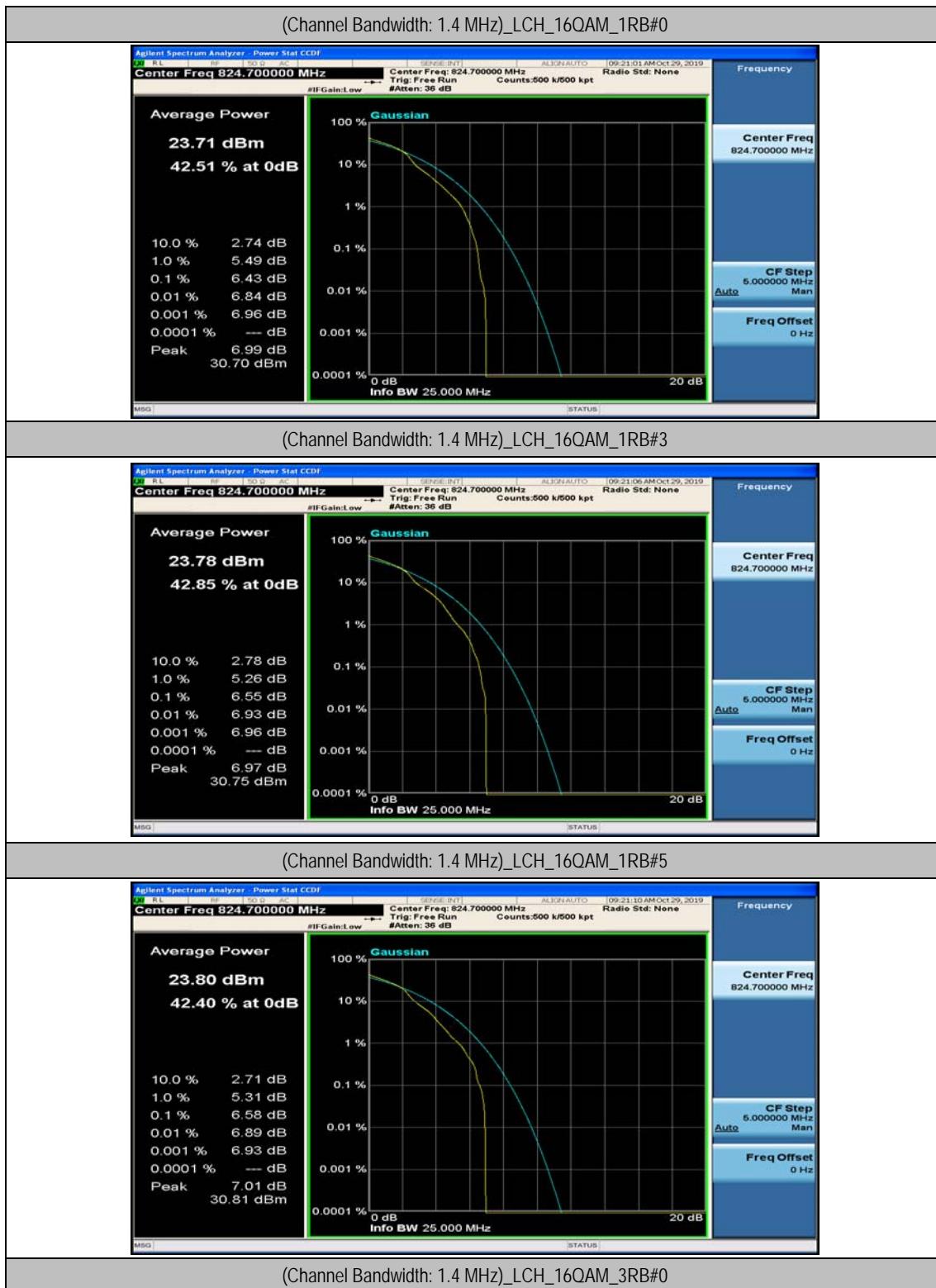


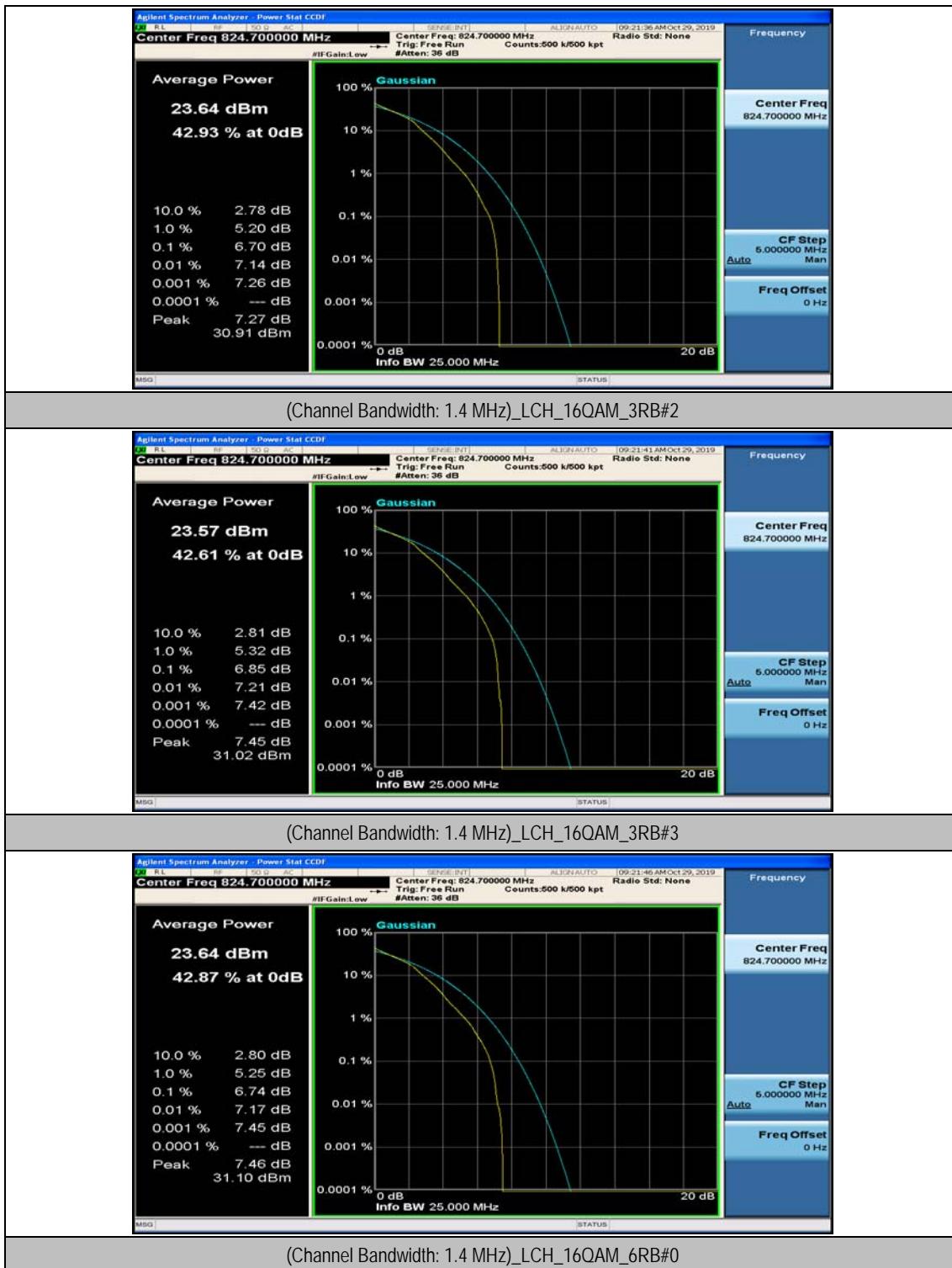


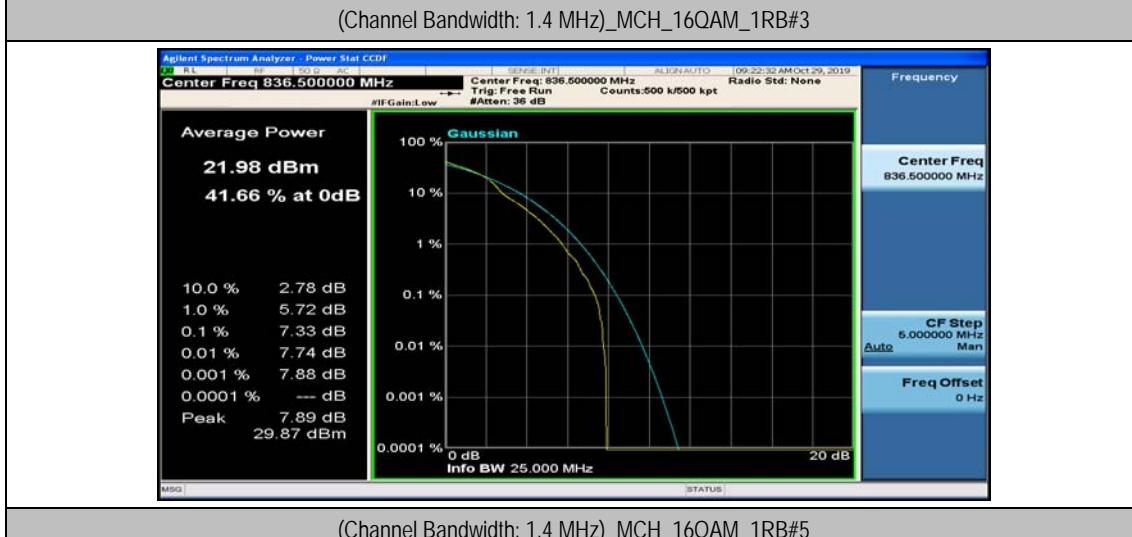
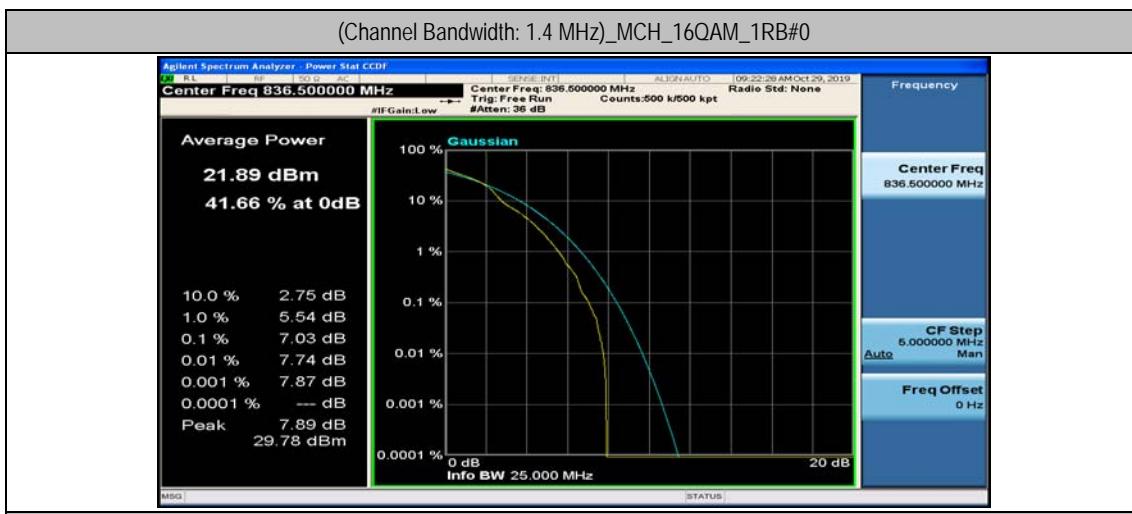
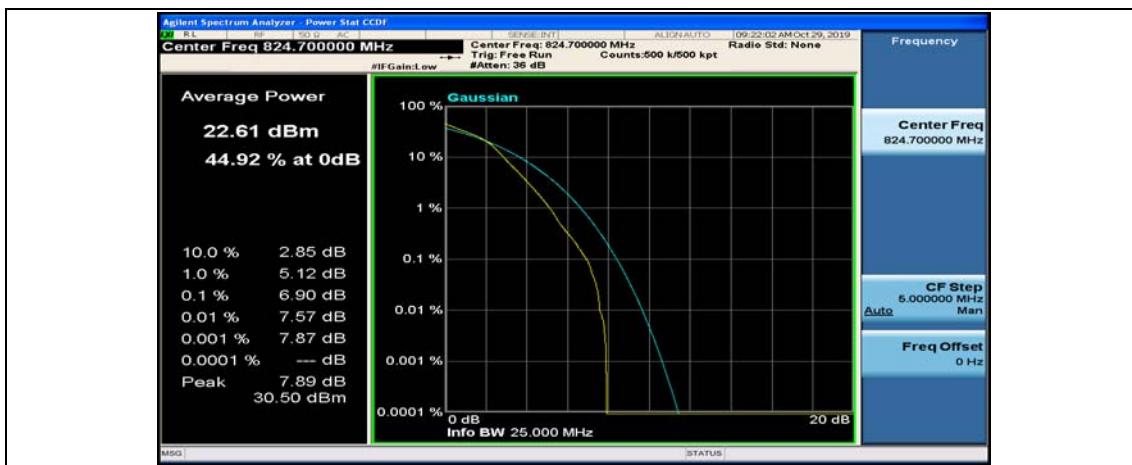


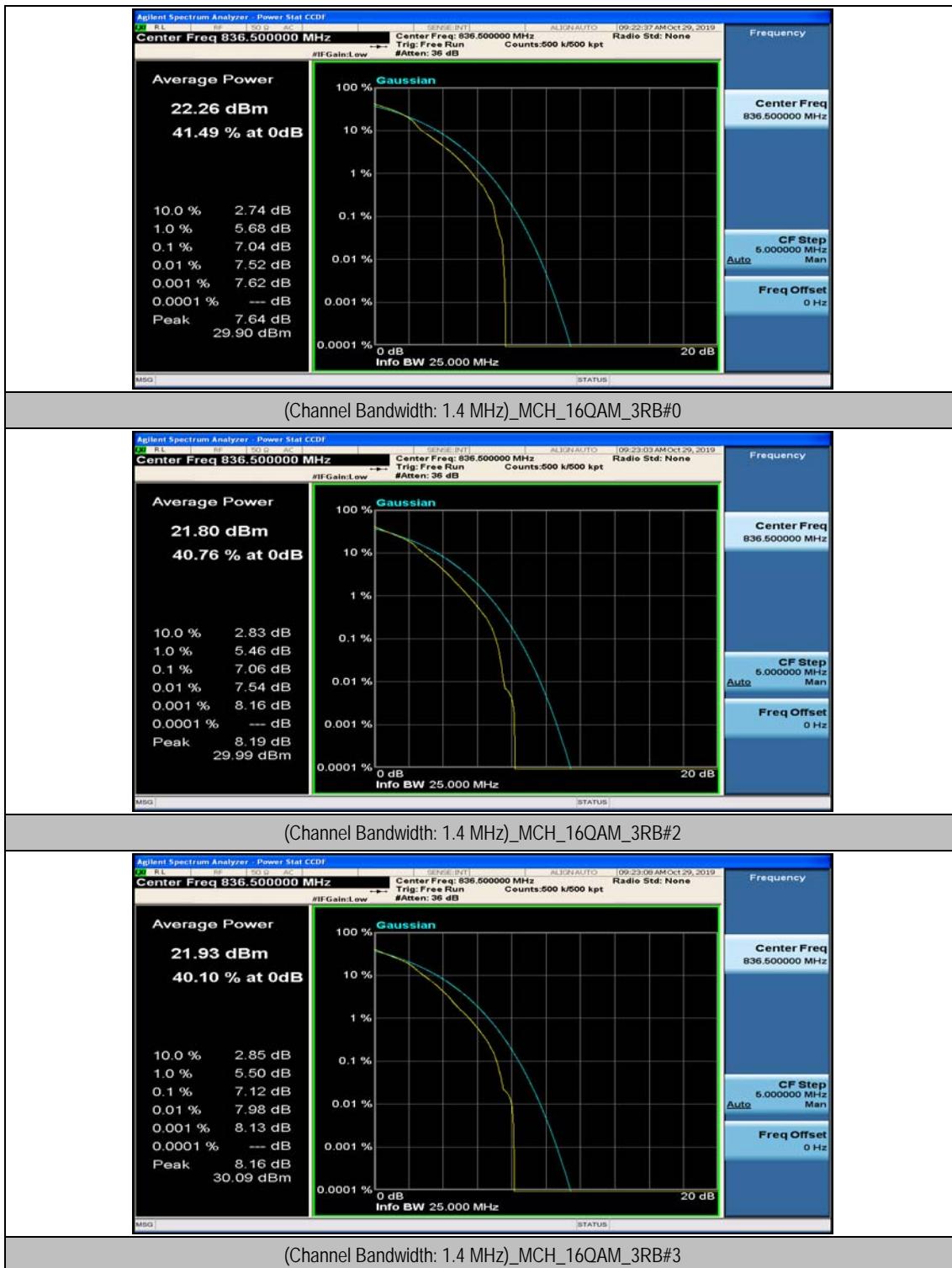


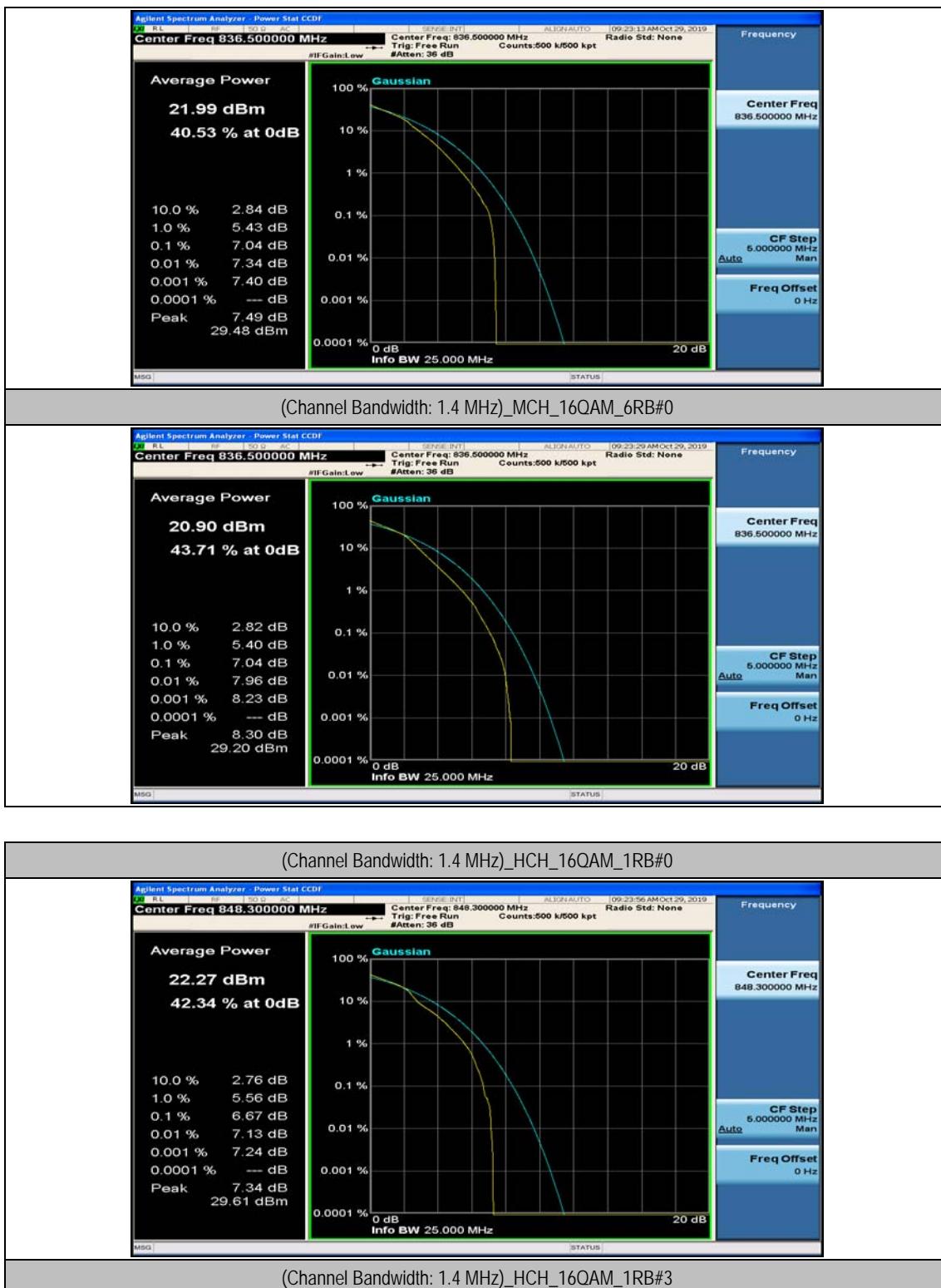


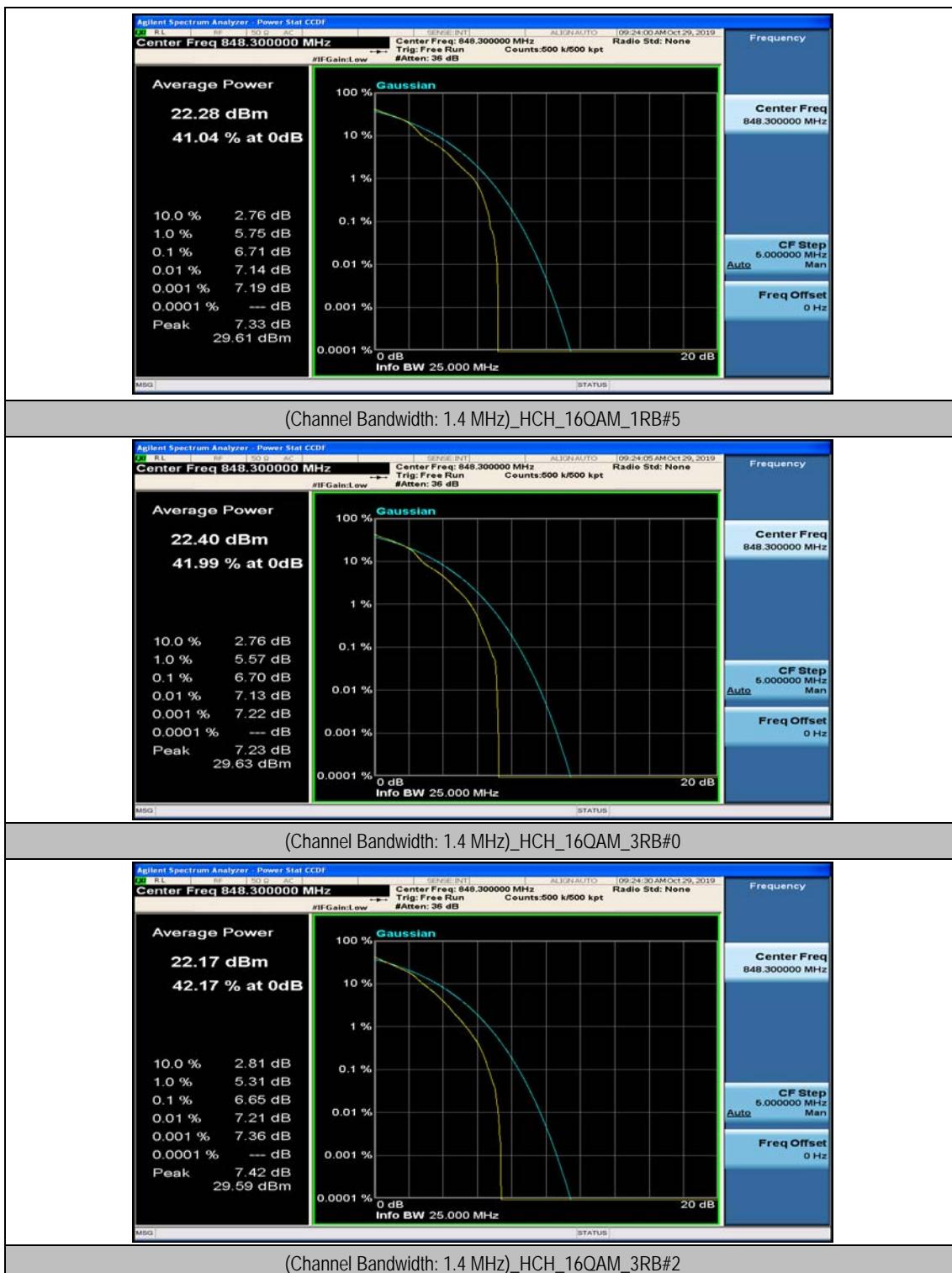


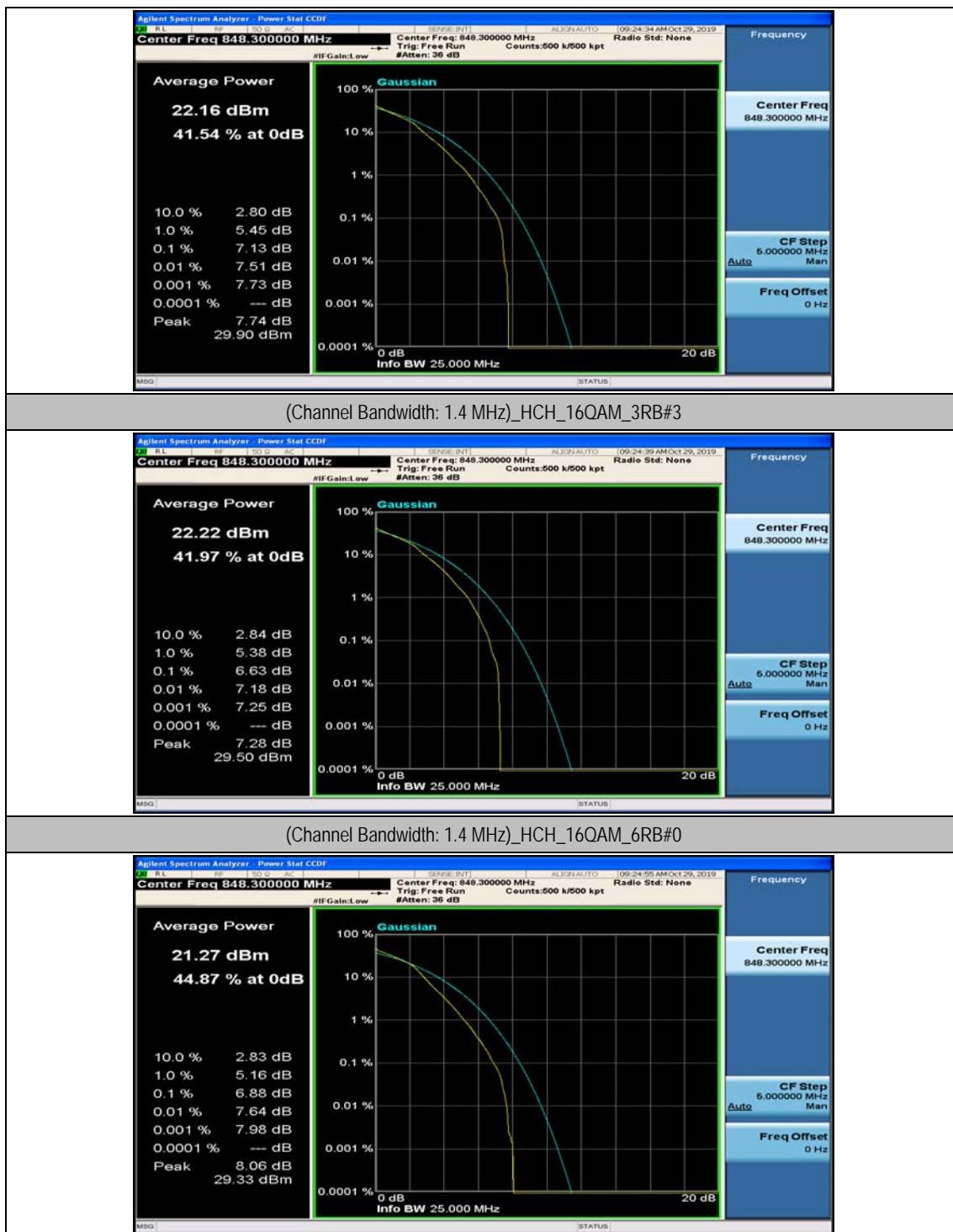




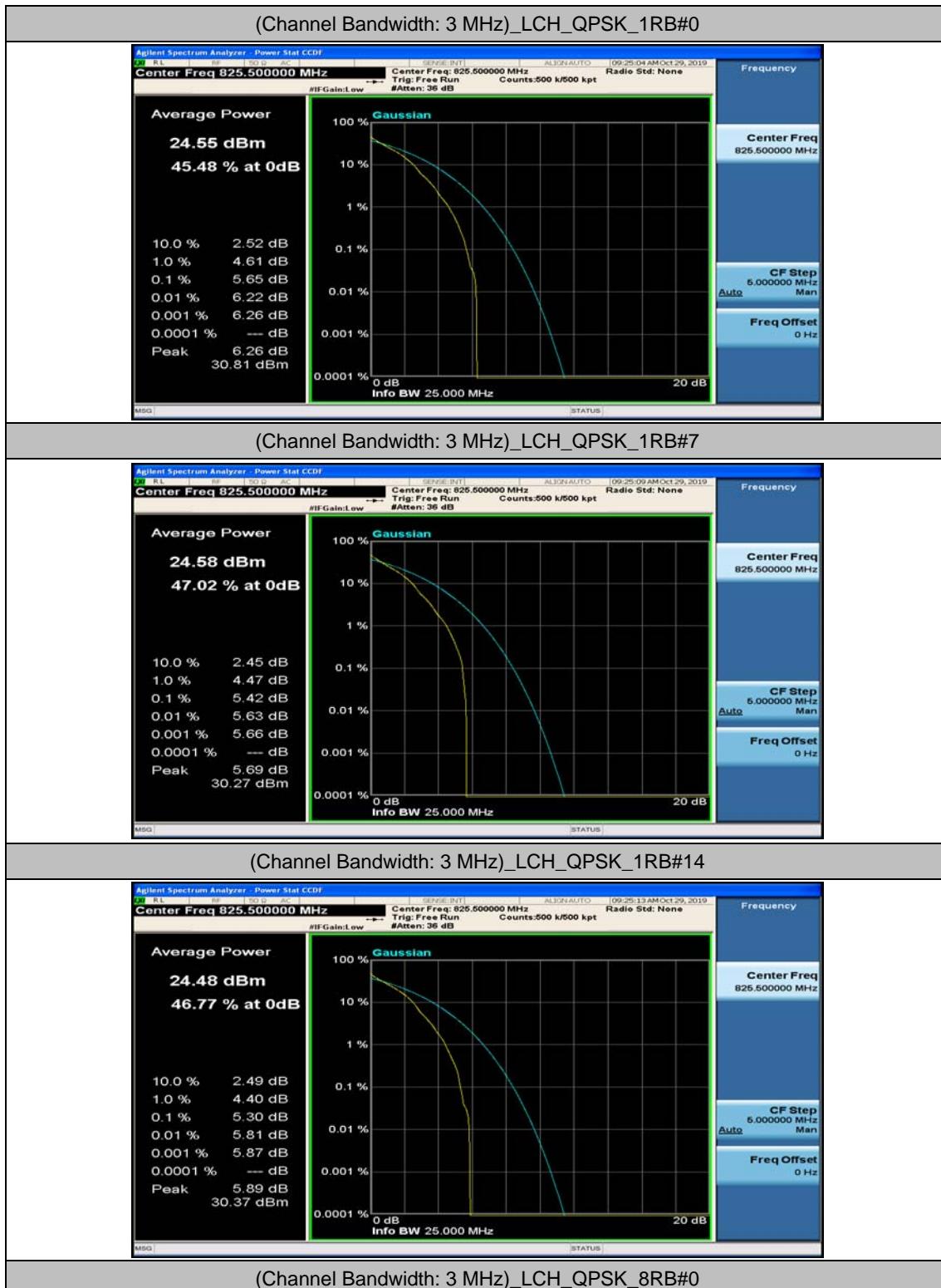


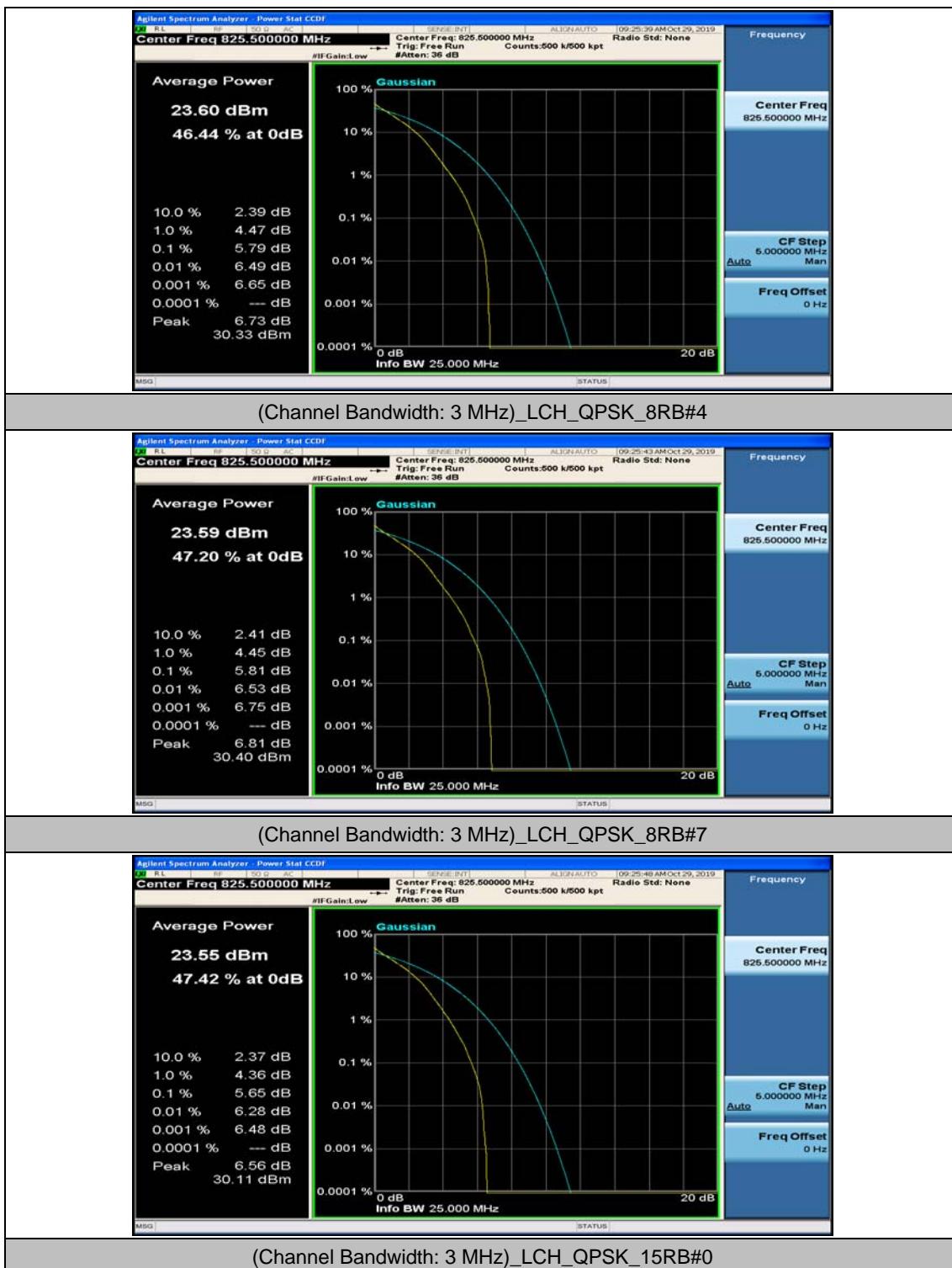


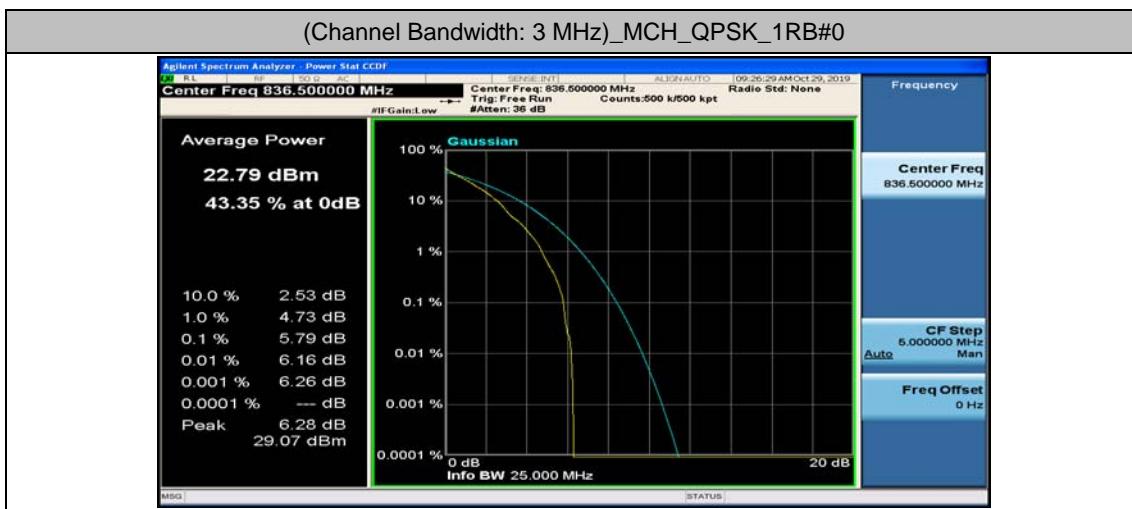
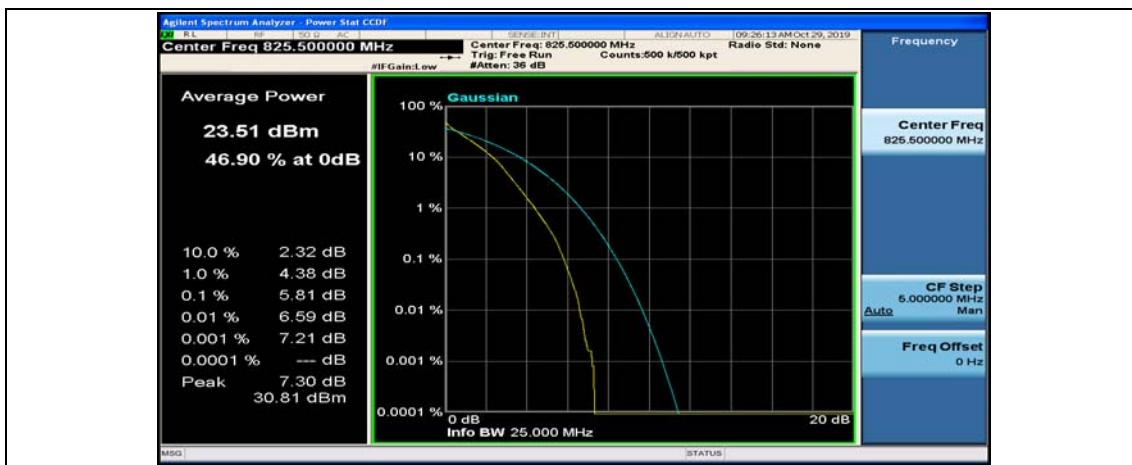




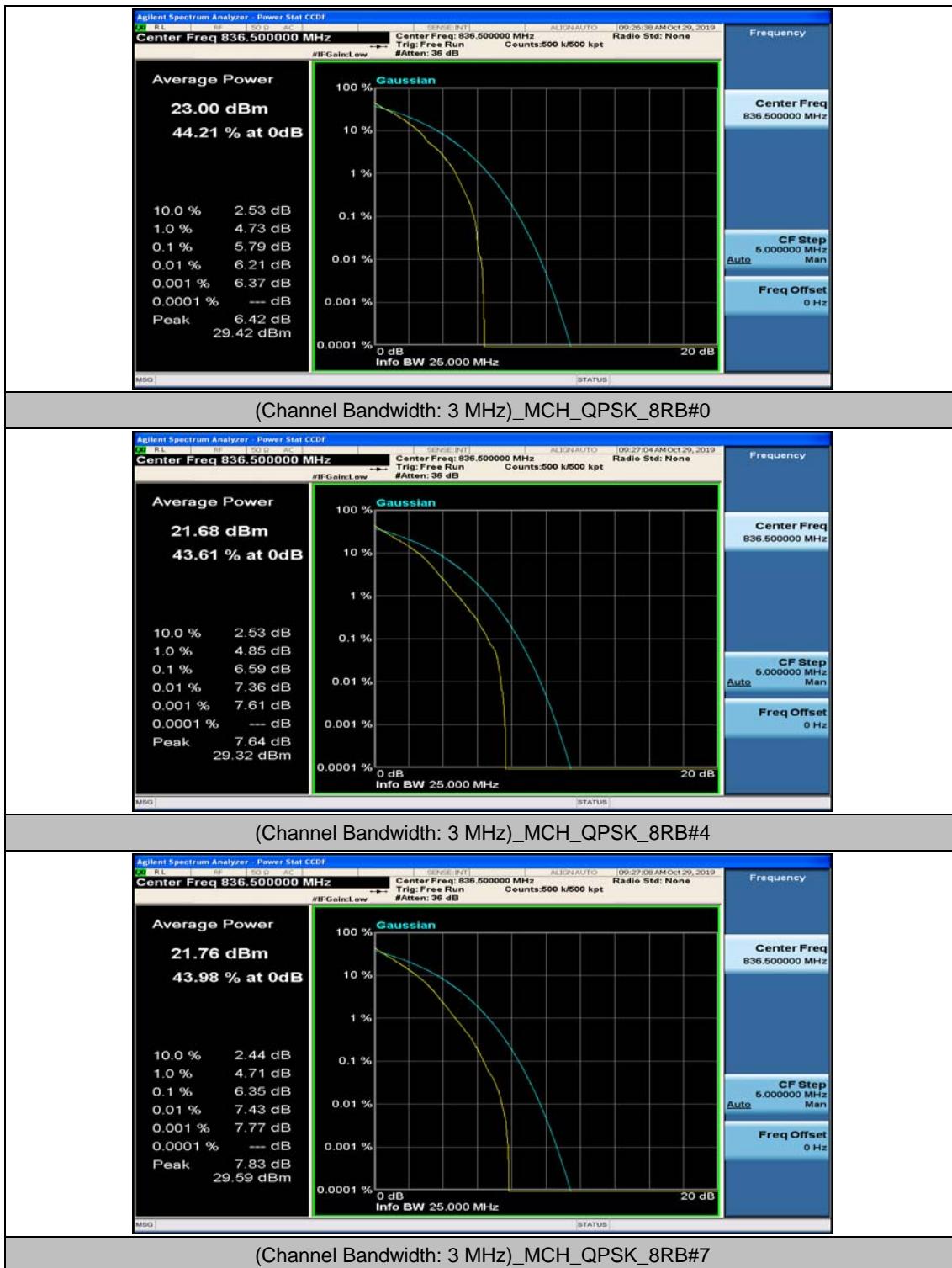
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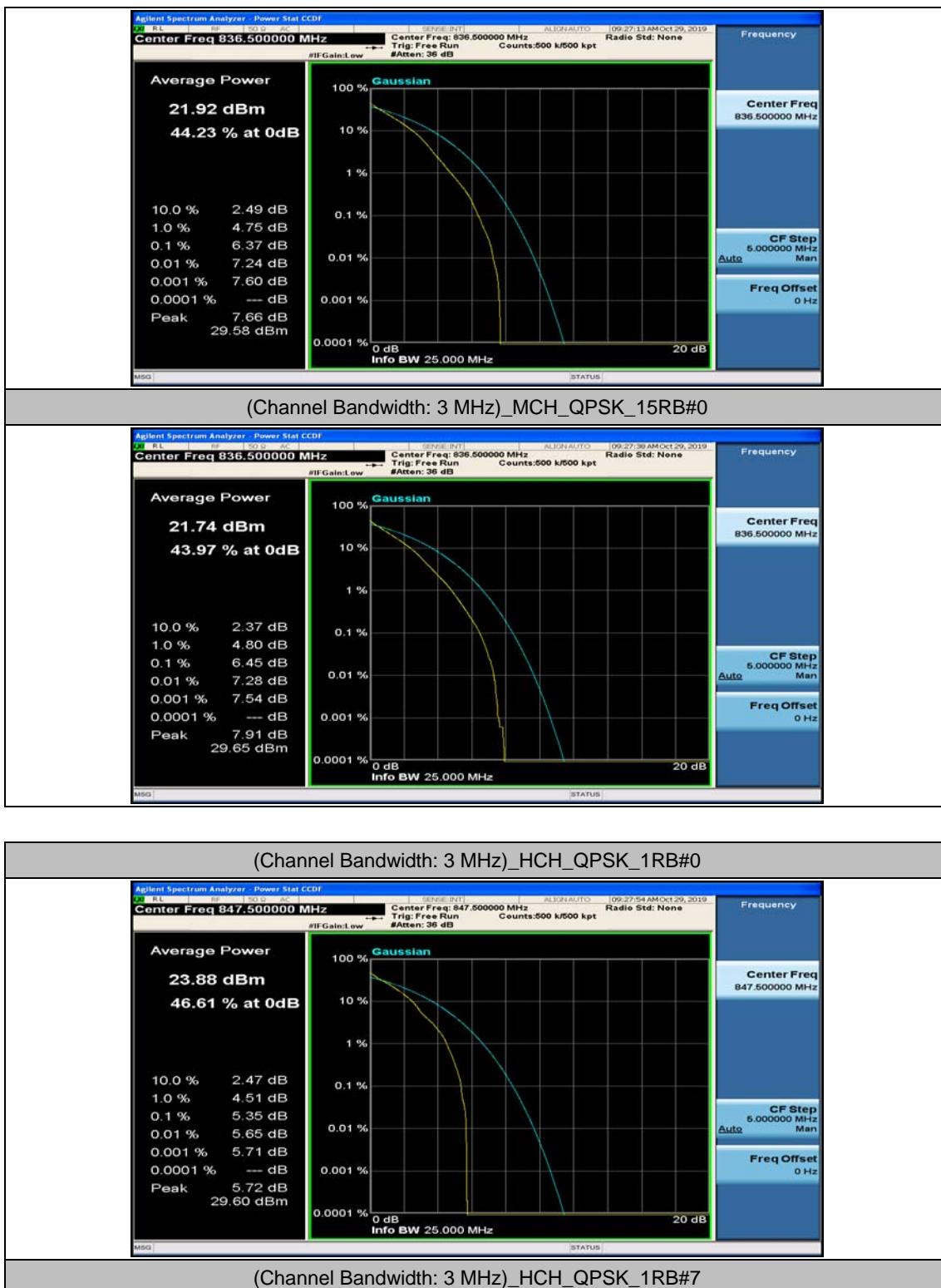


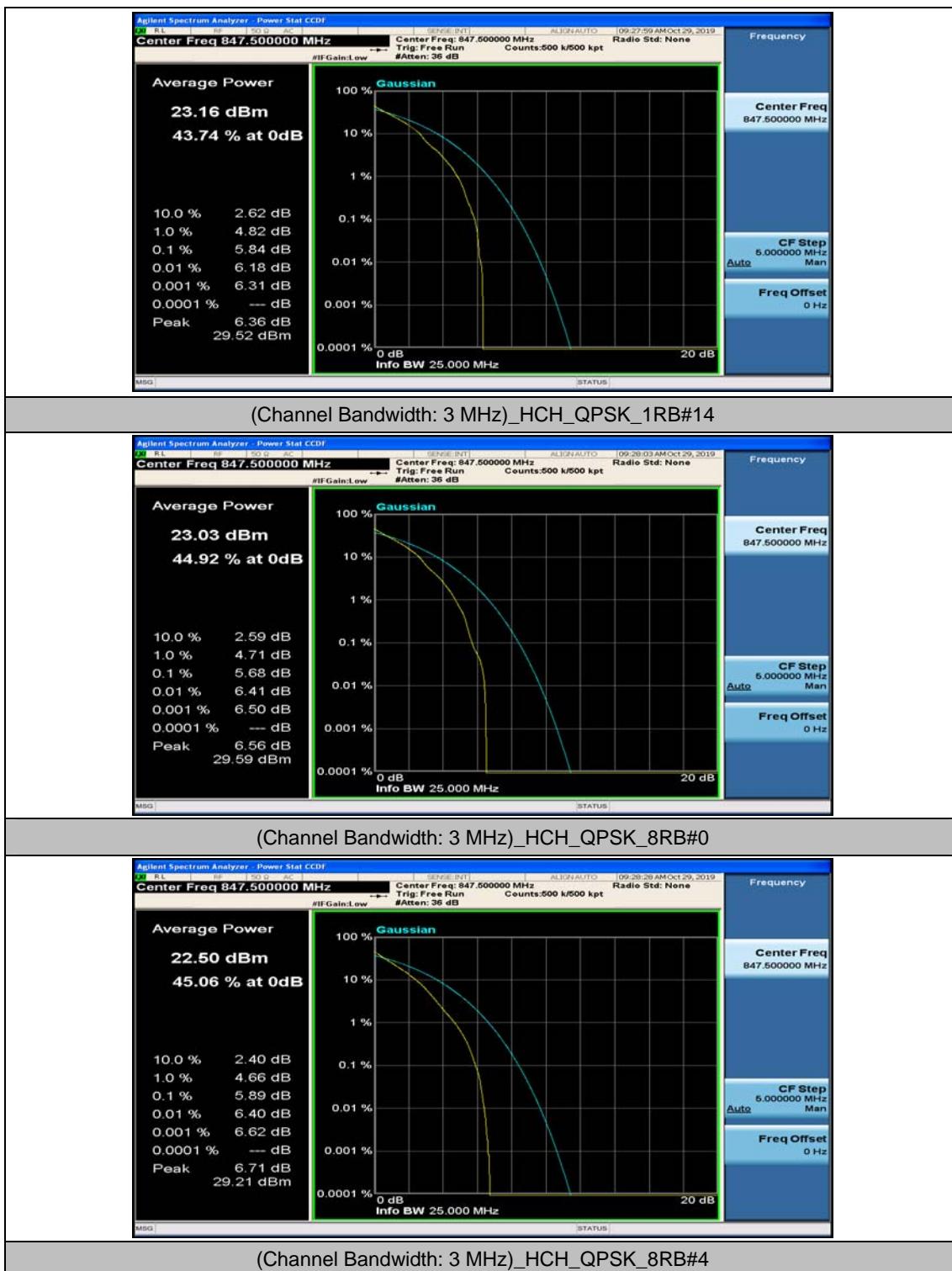


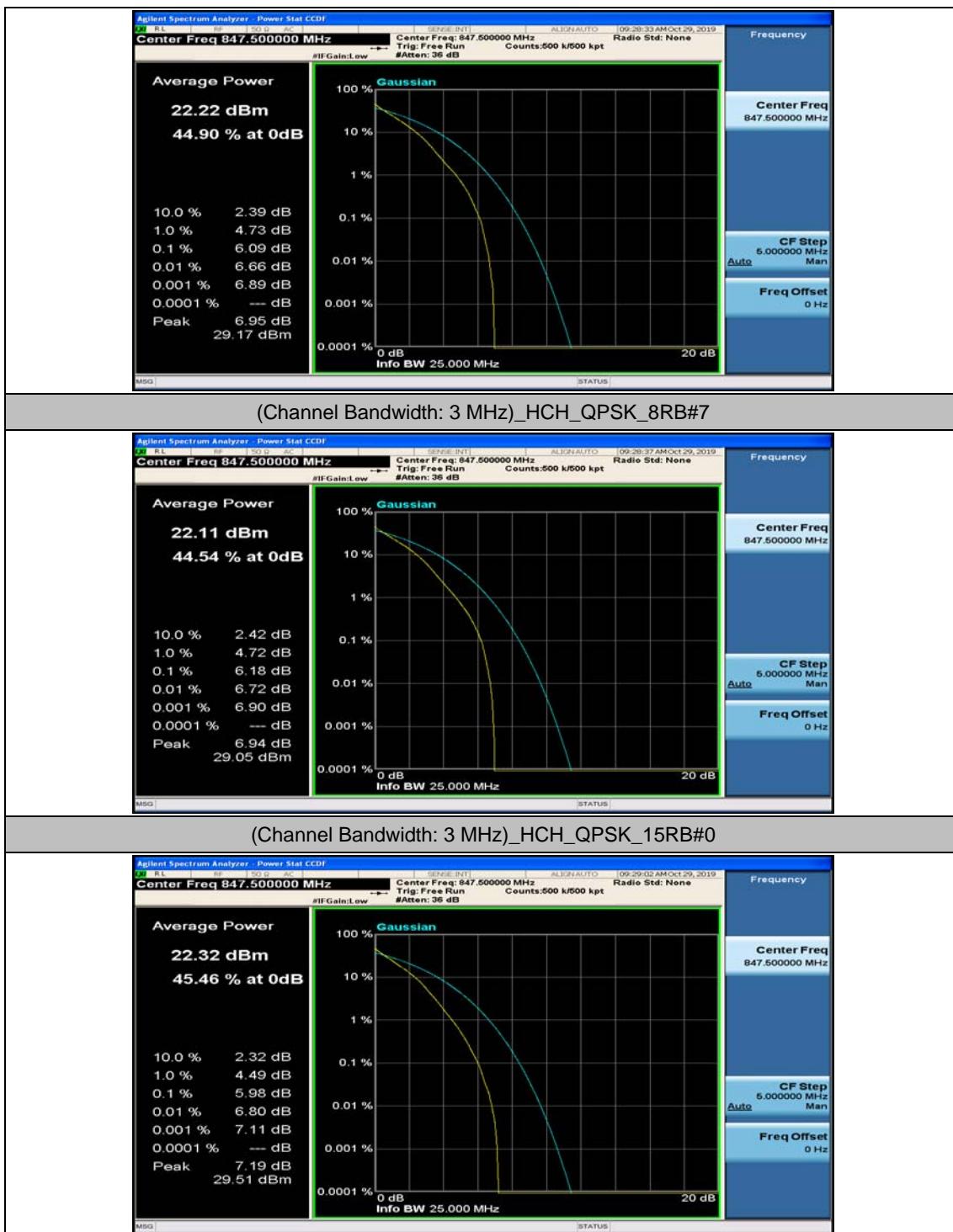


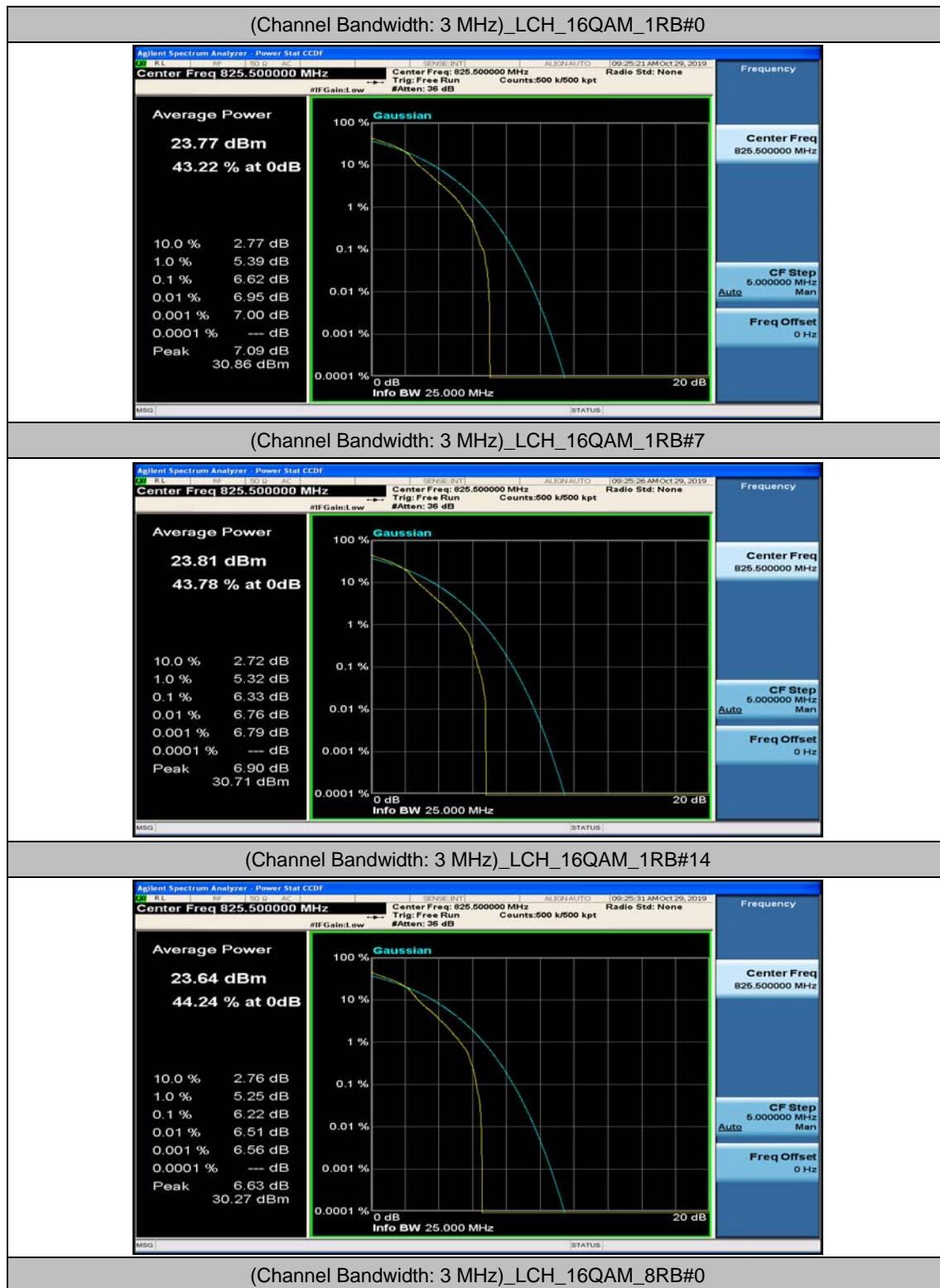
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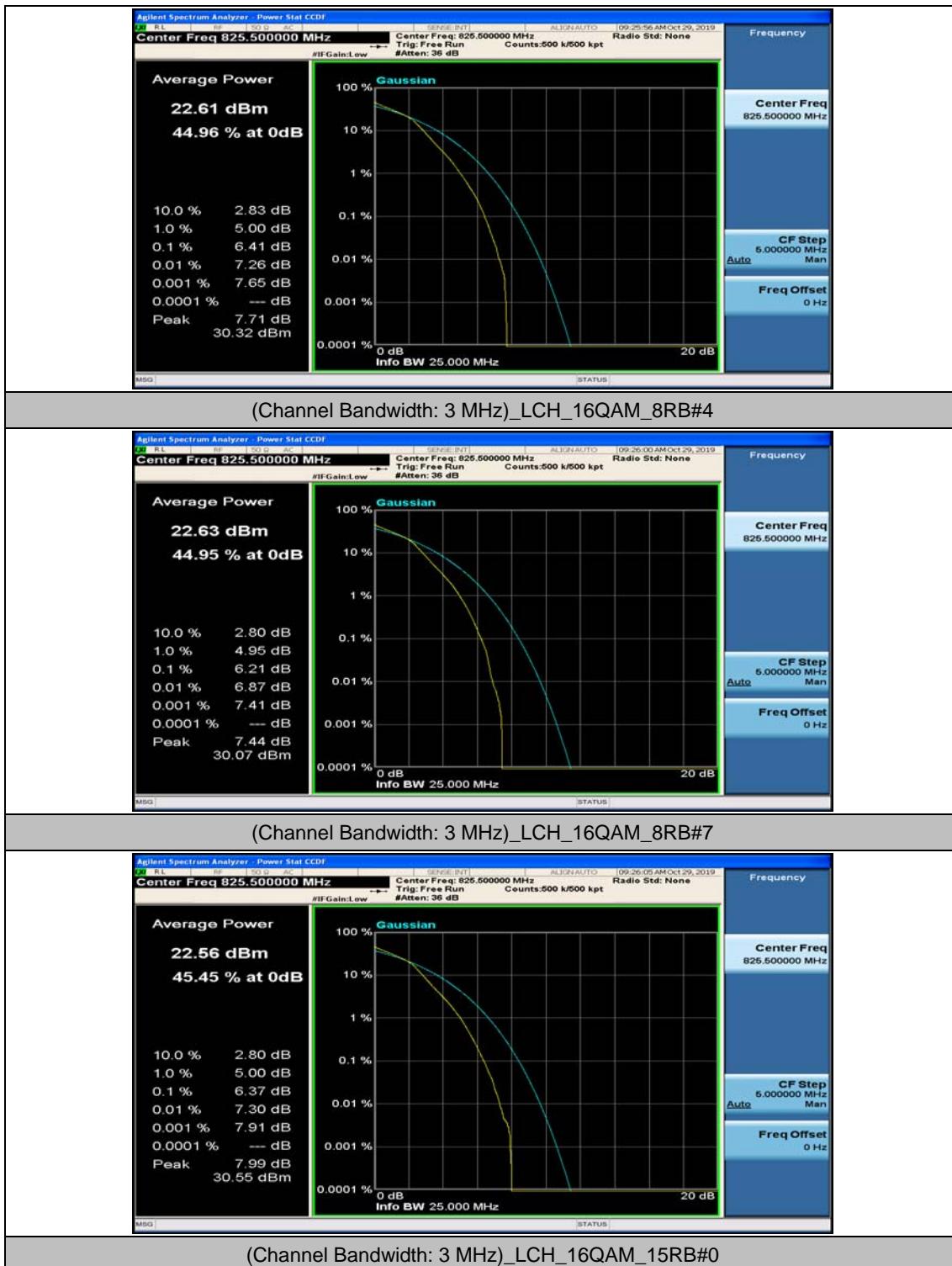


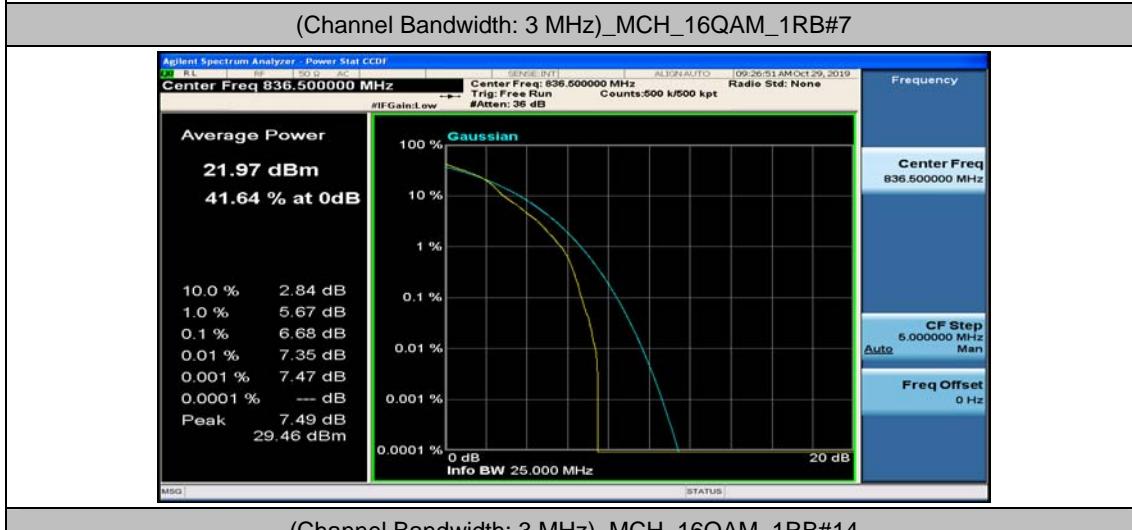
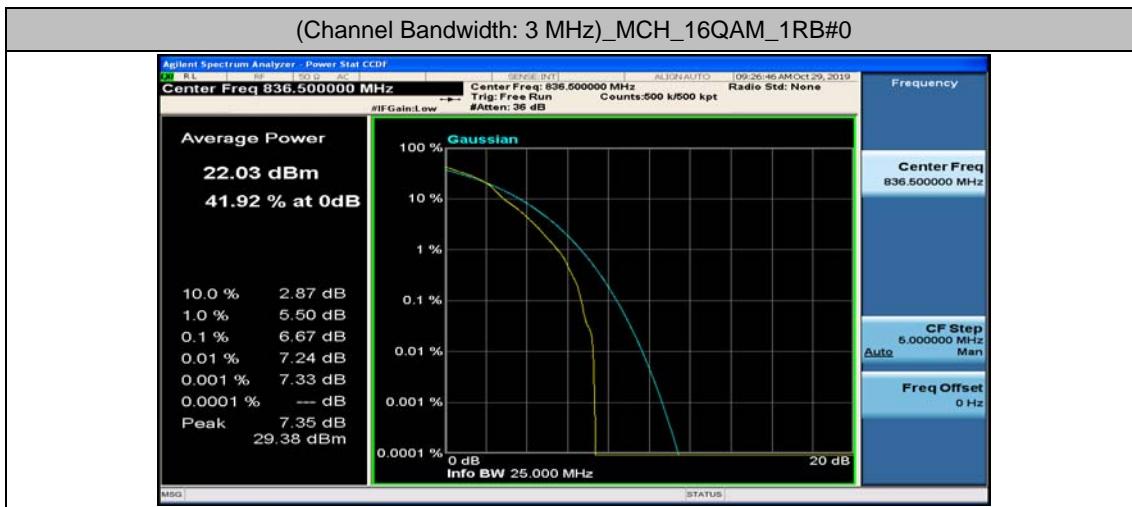




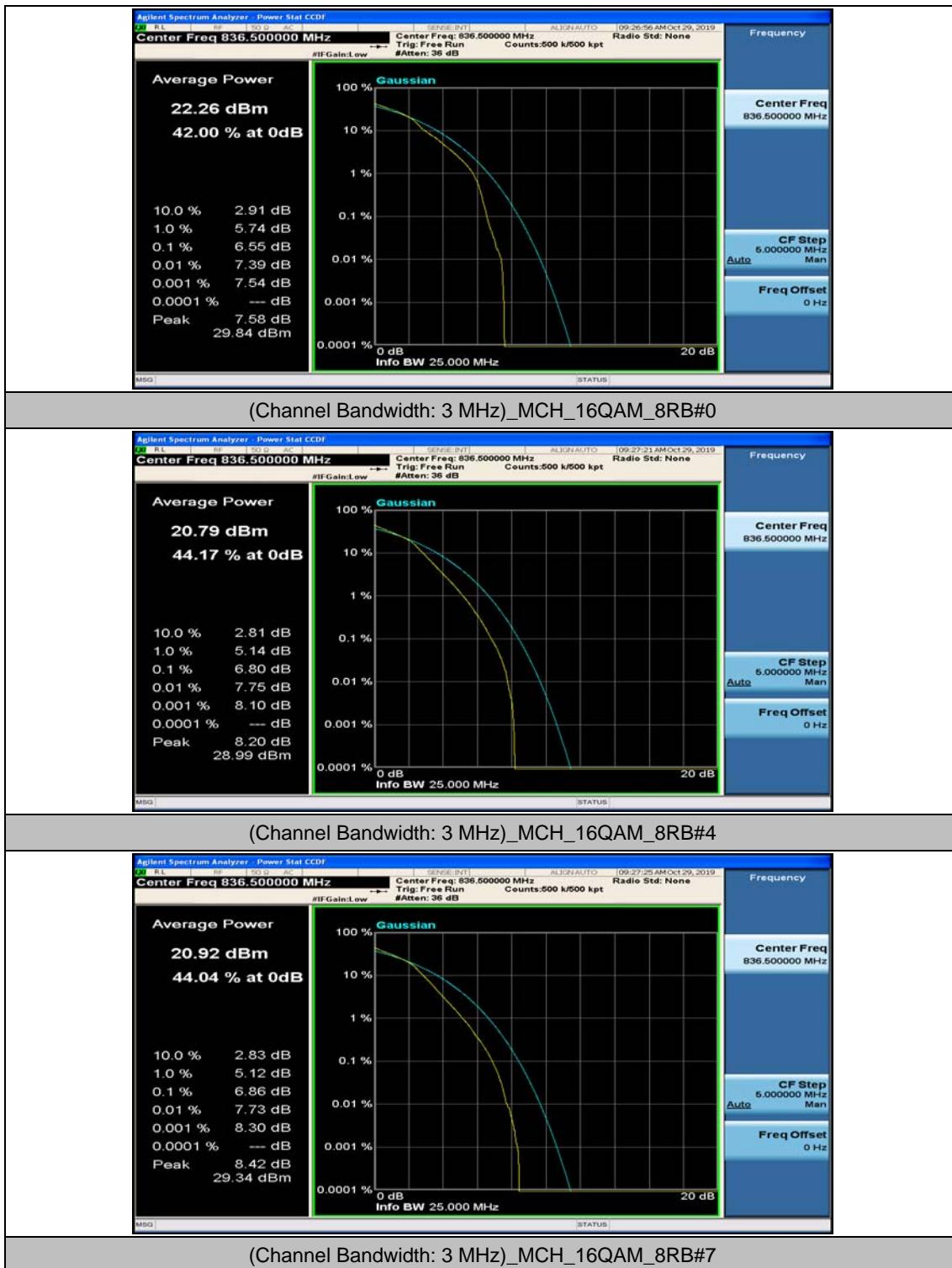


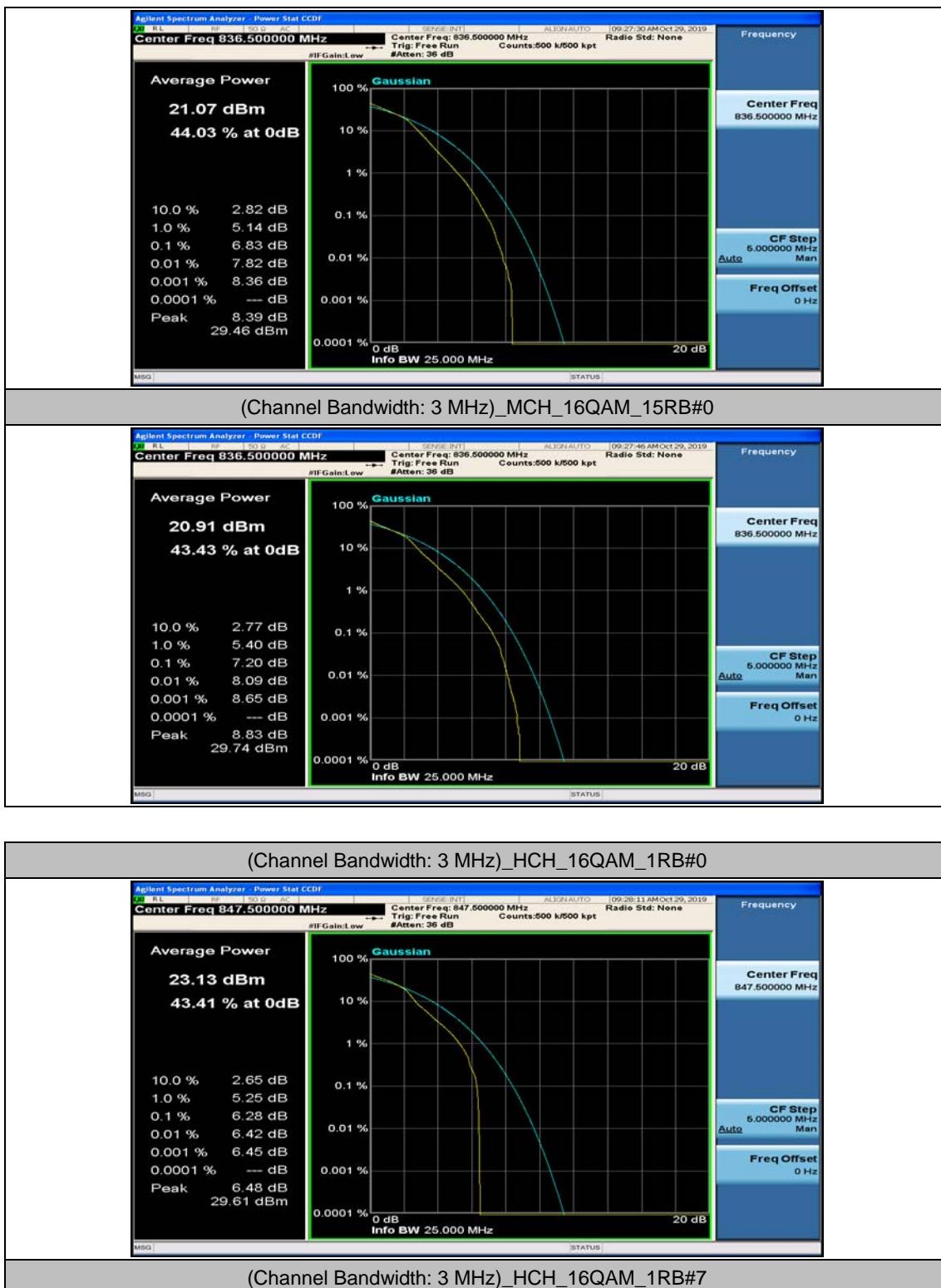


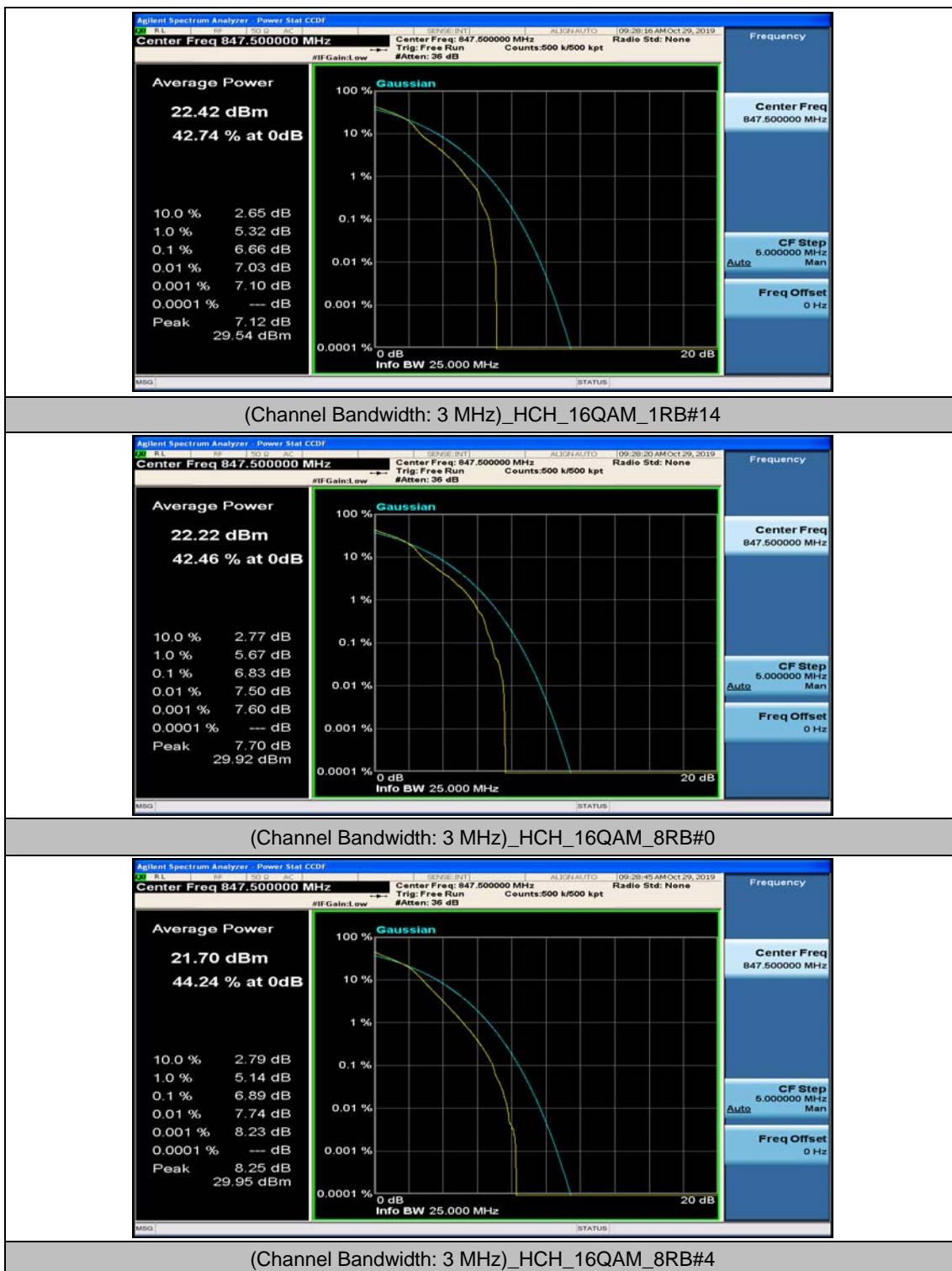


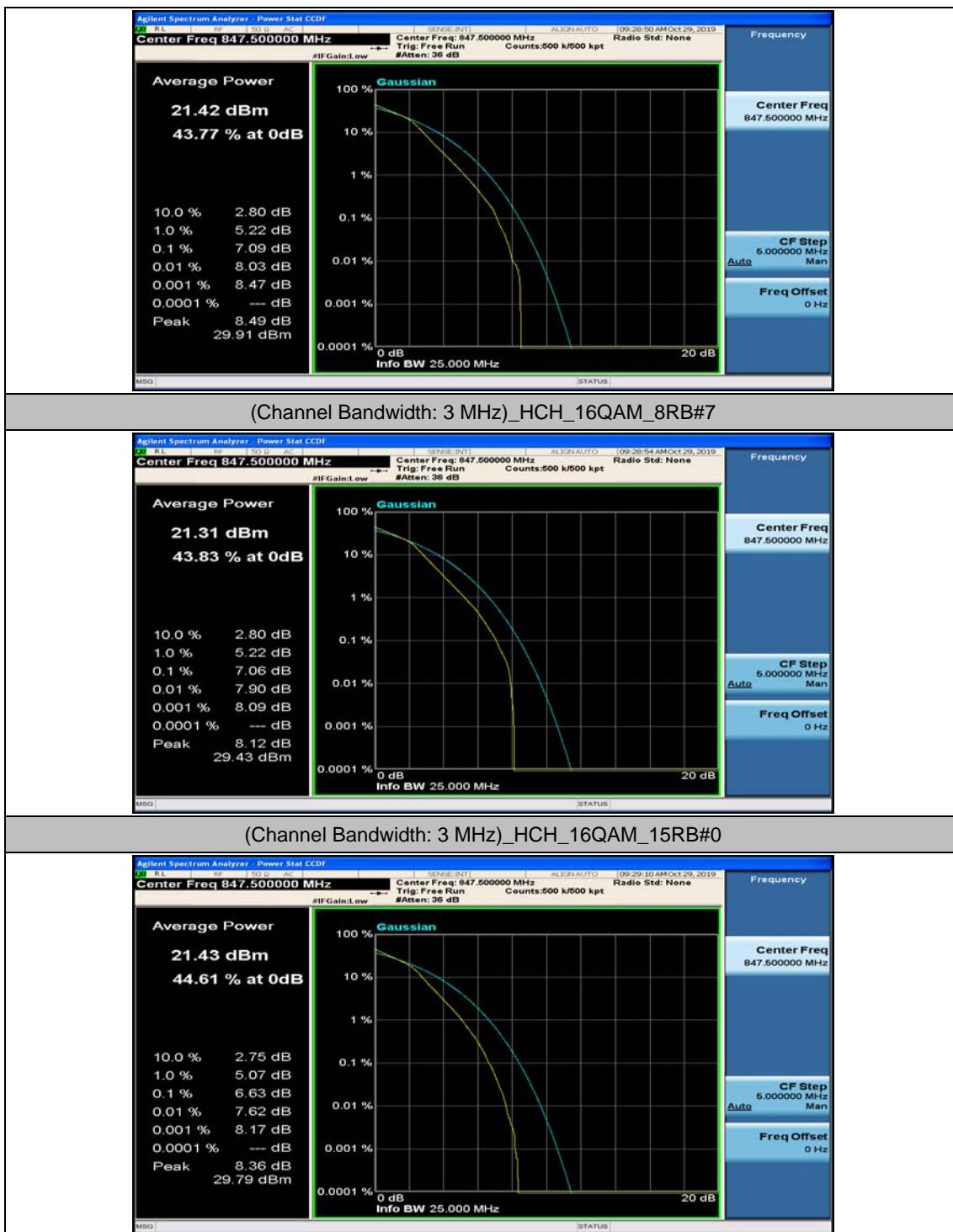


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14

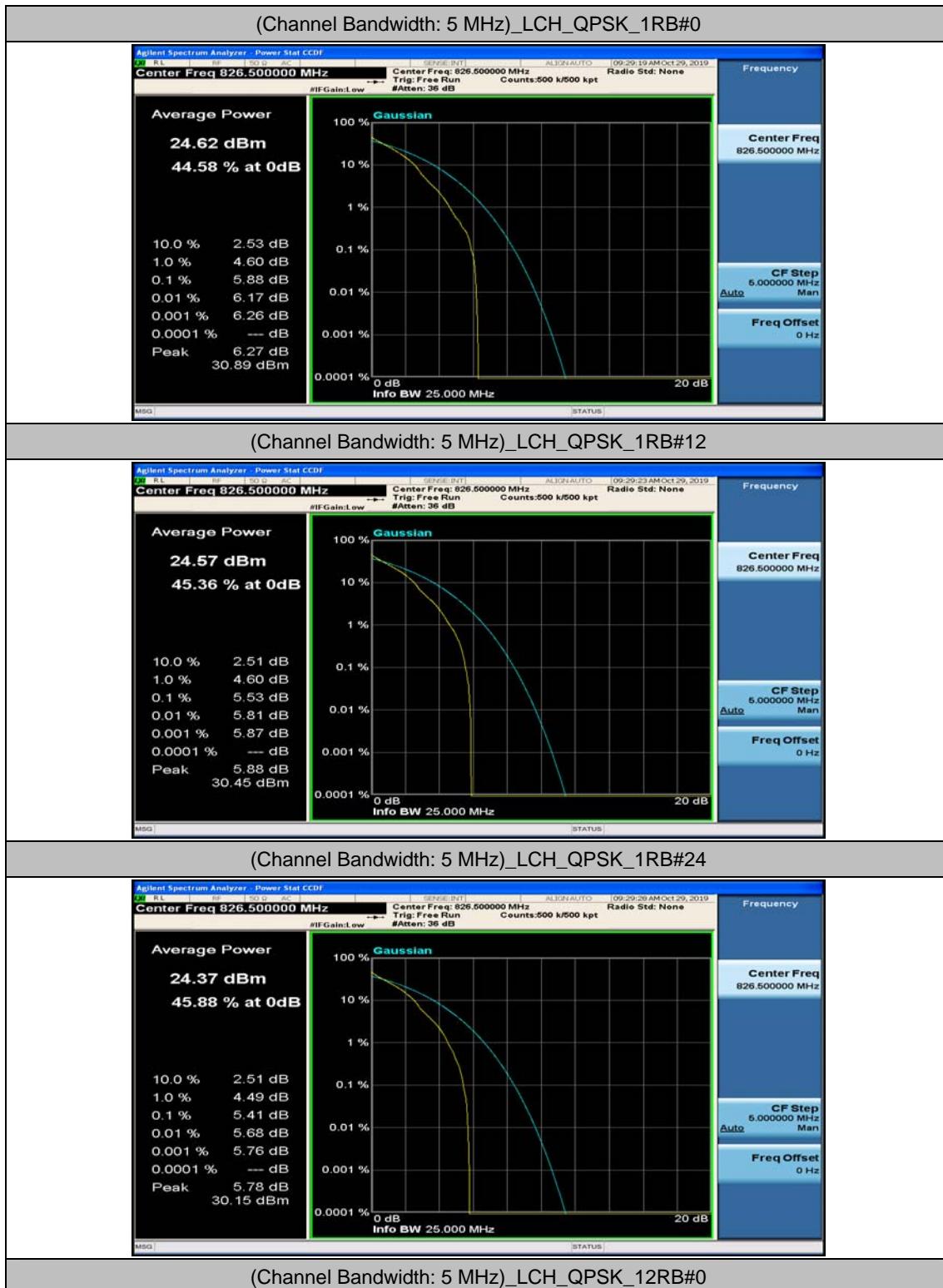


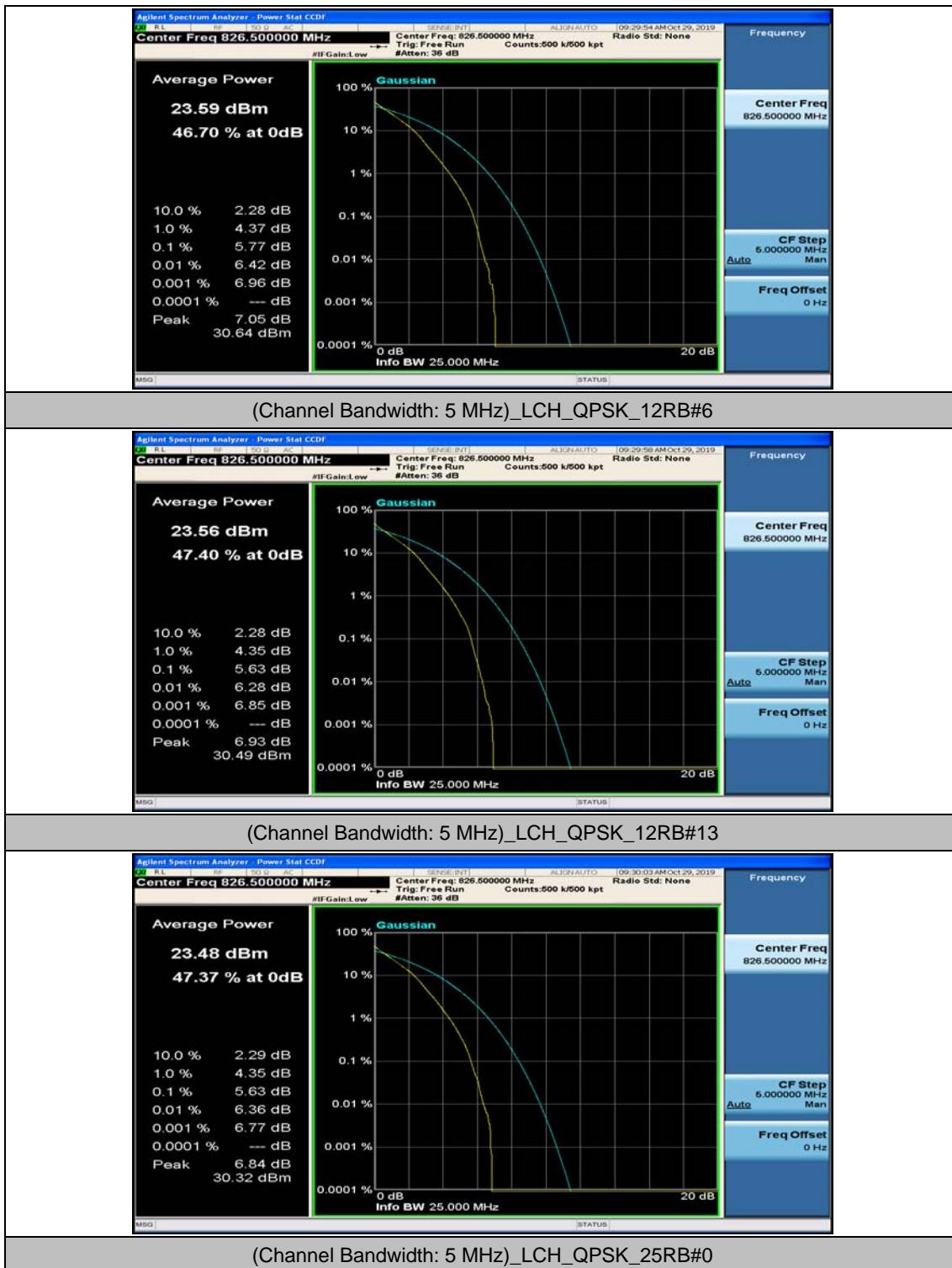


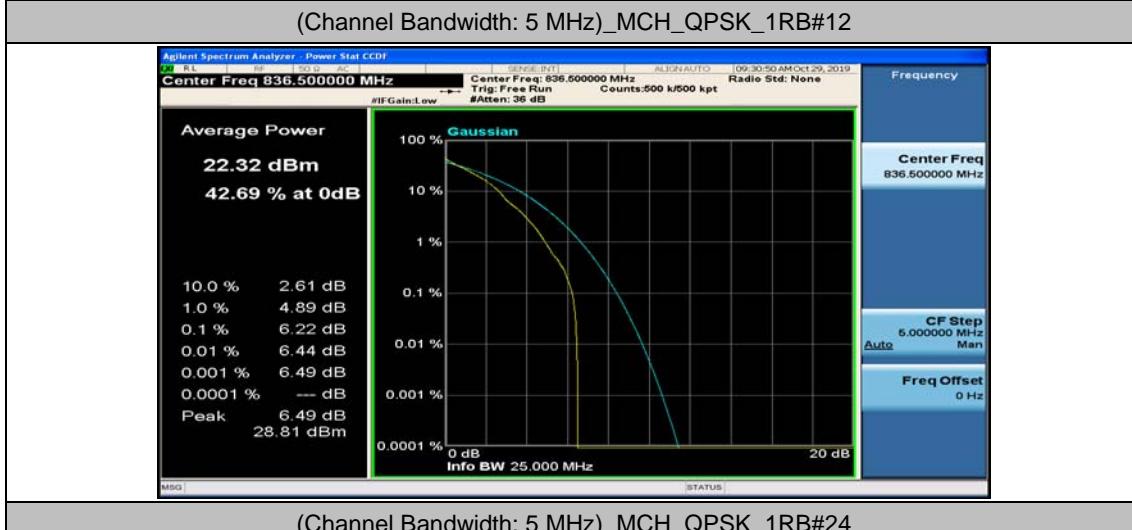
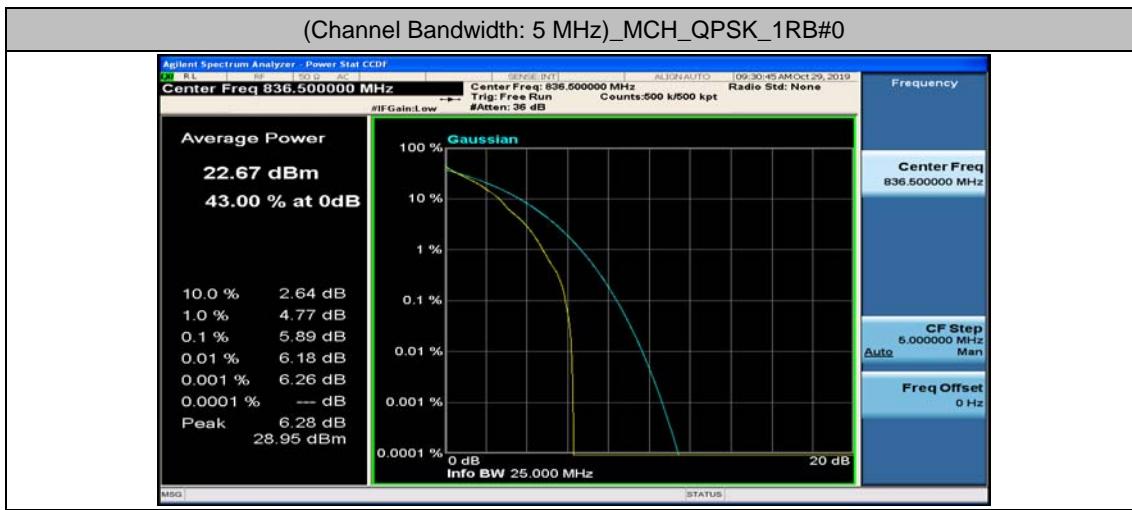




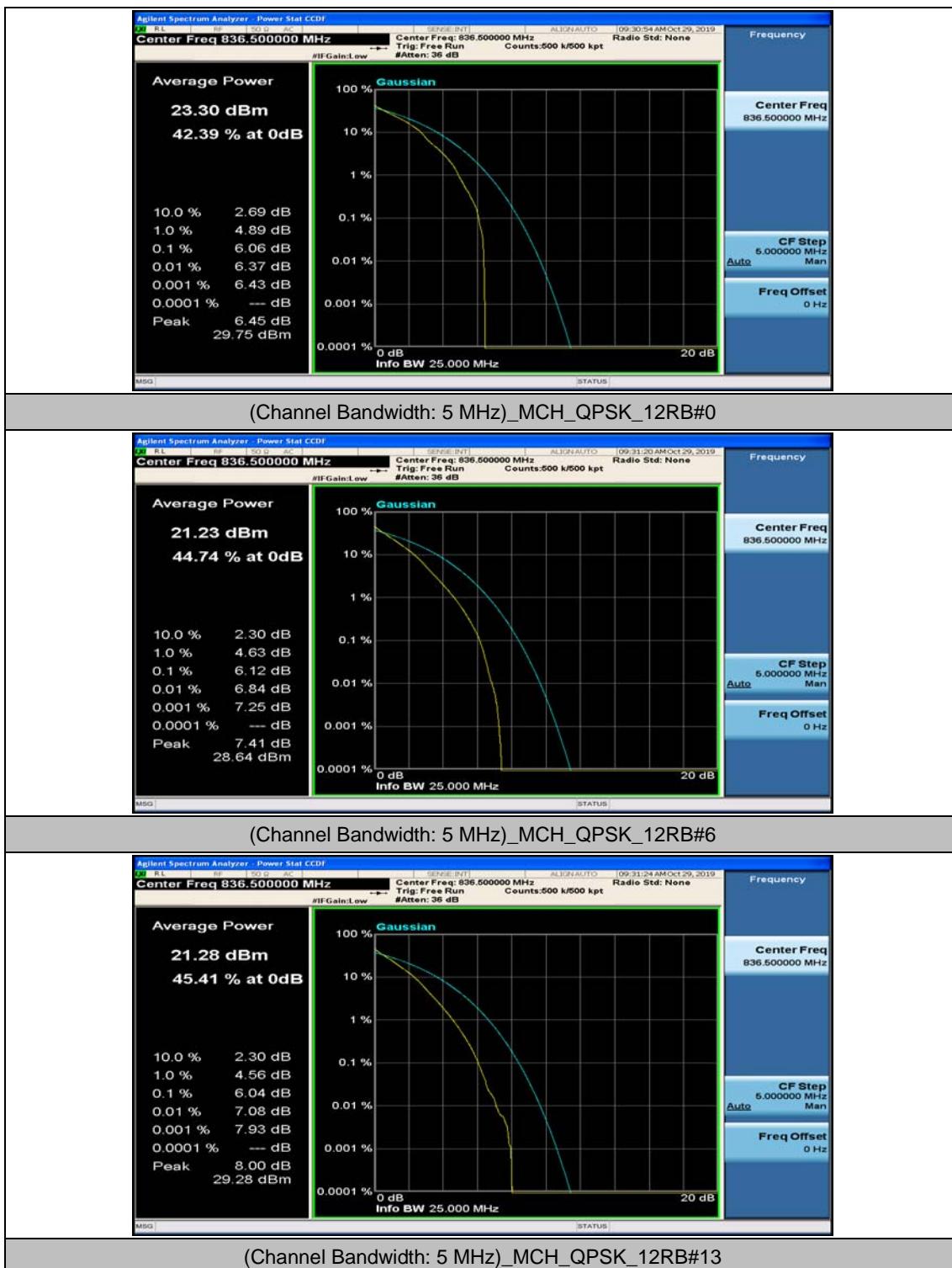
Channel Bandwidth: 5 MHz

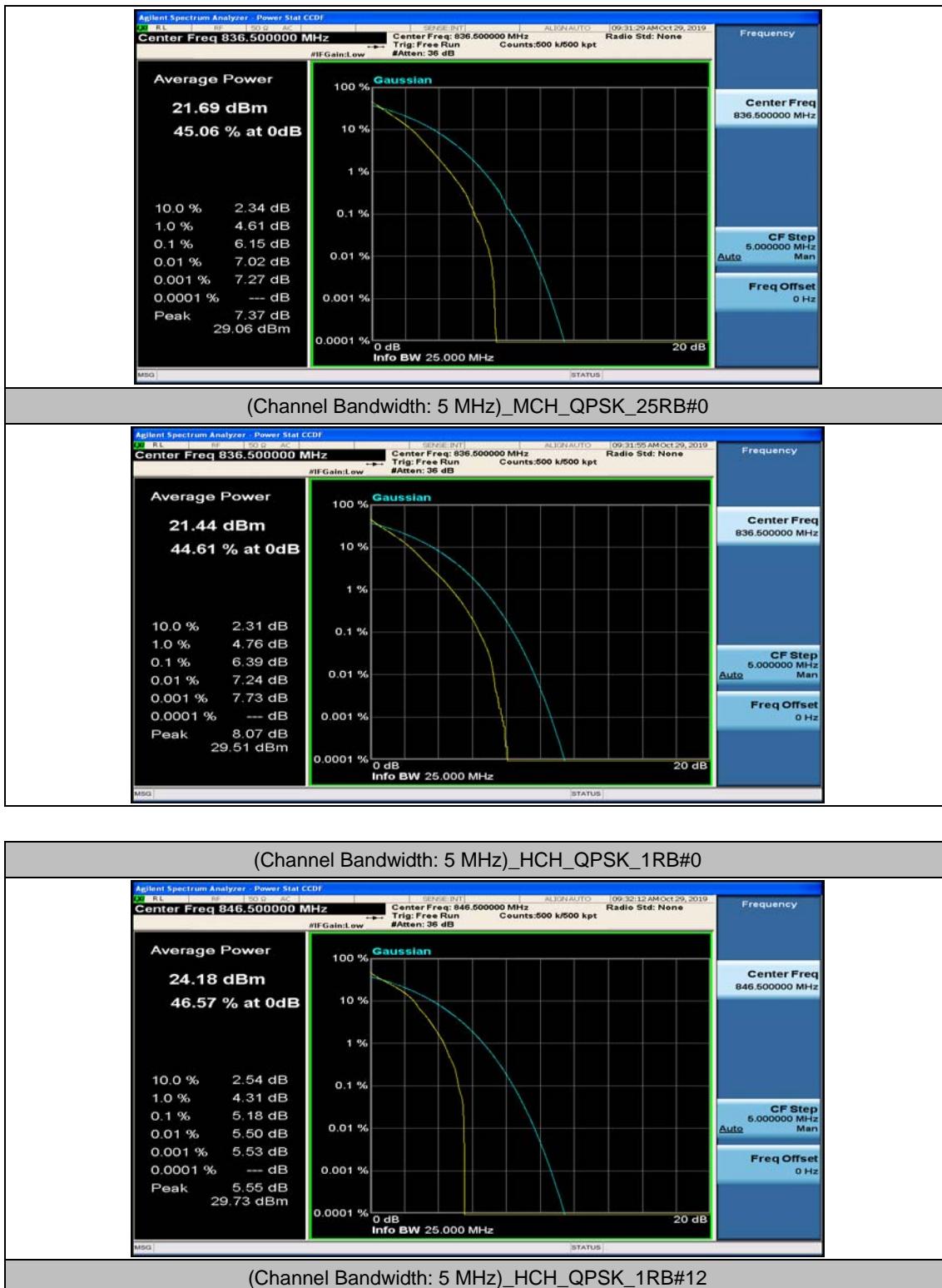


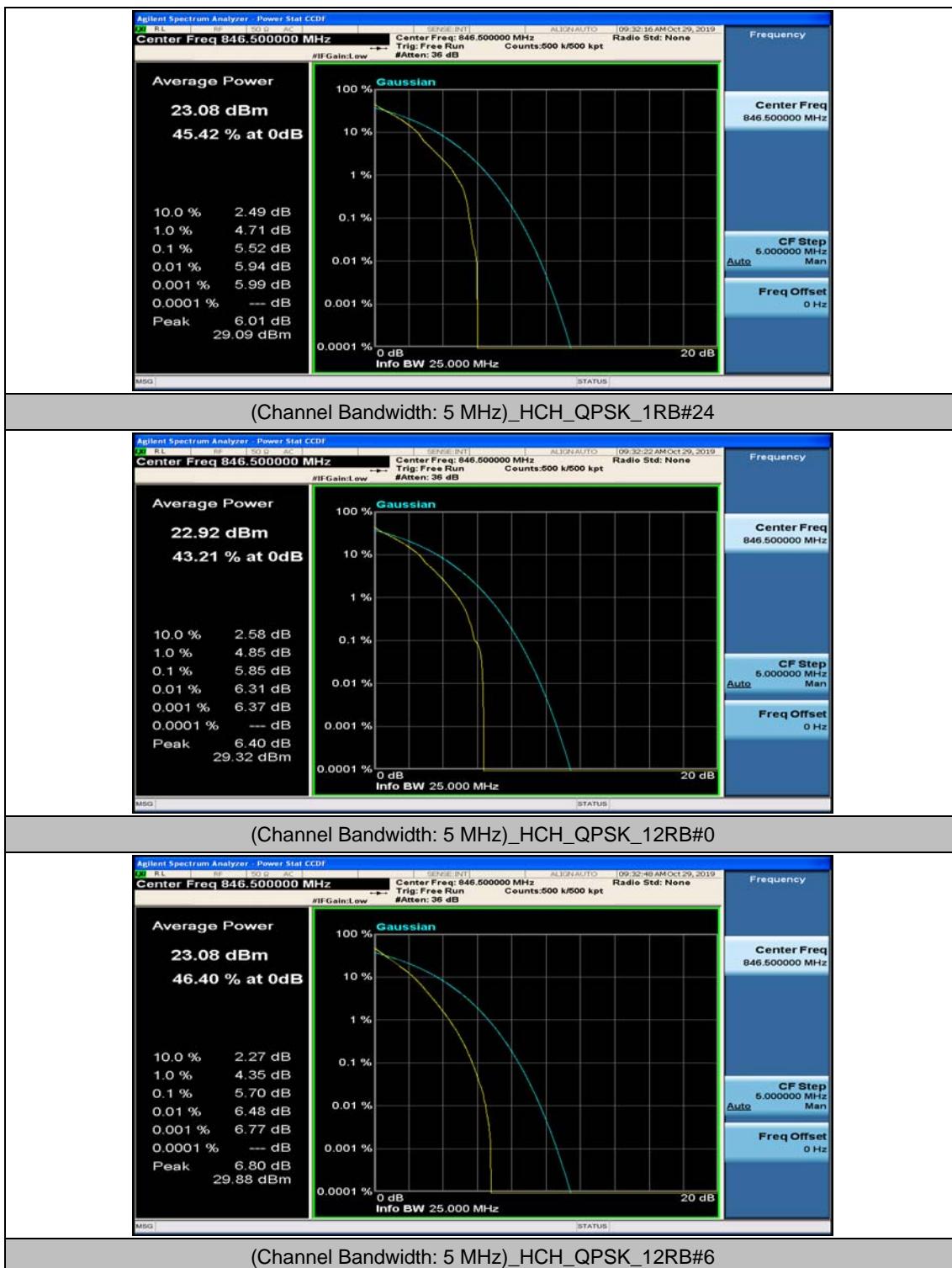


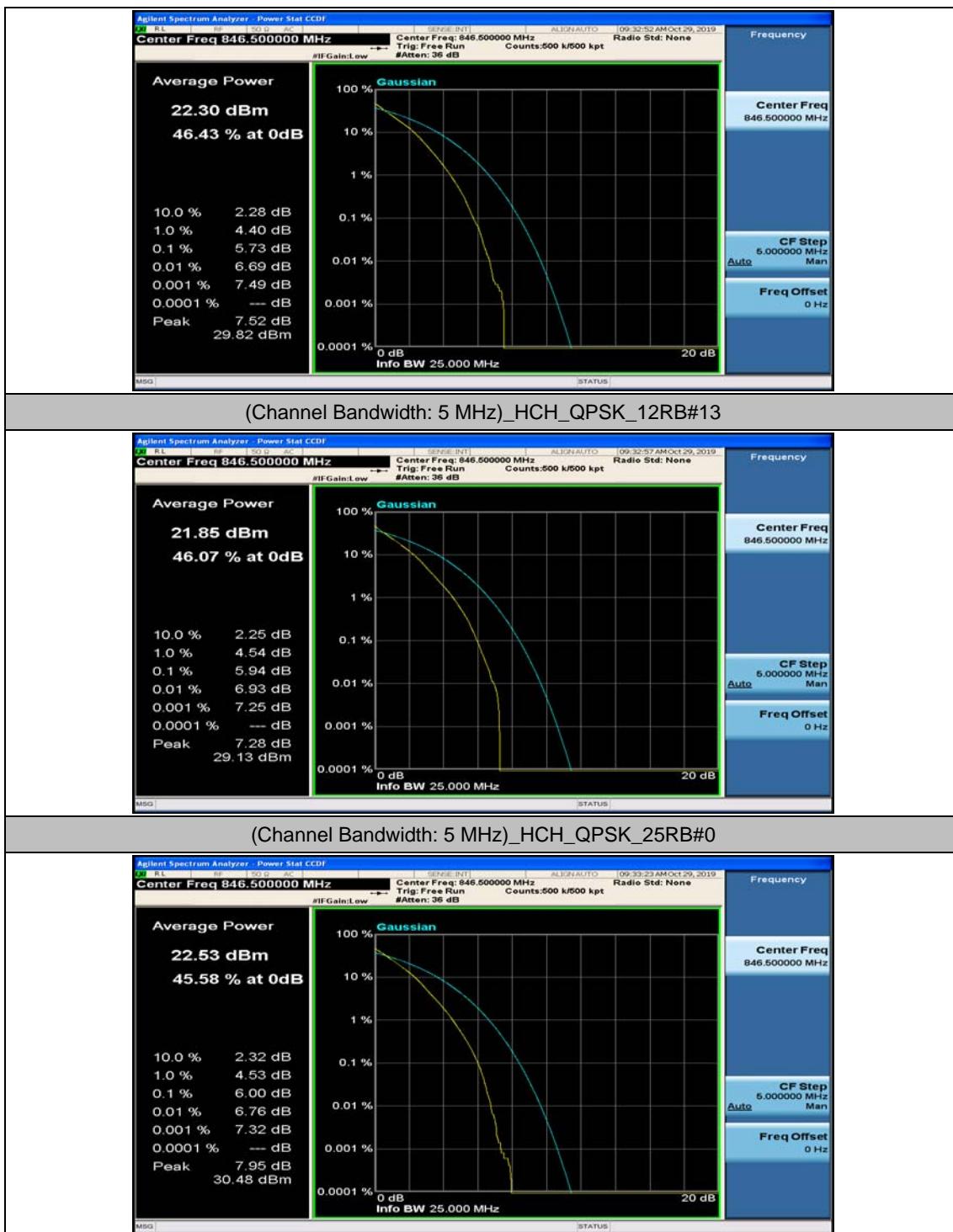


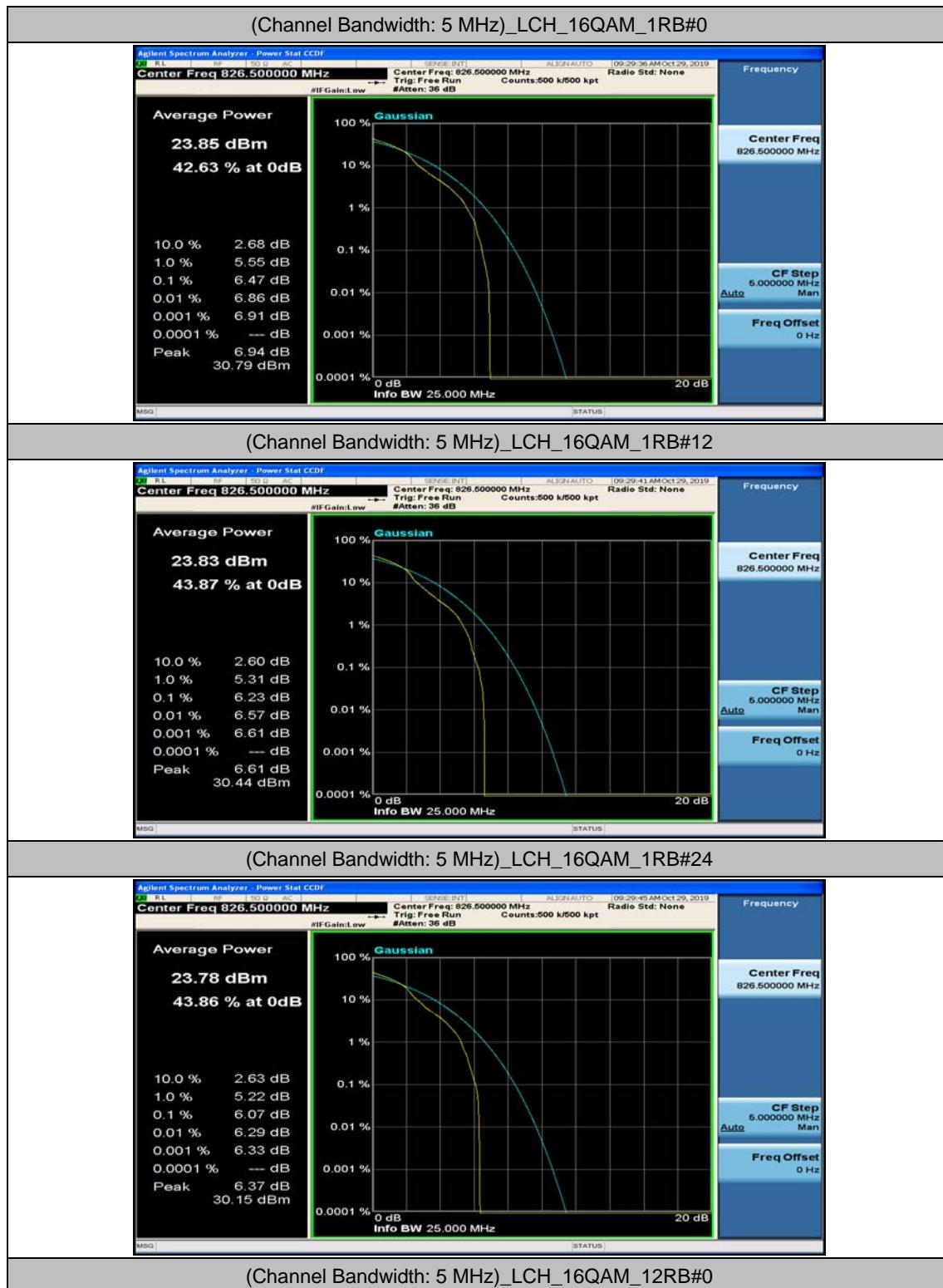
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24

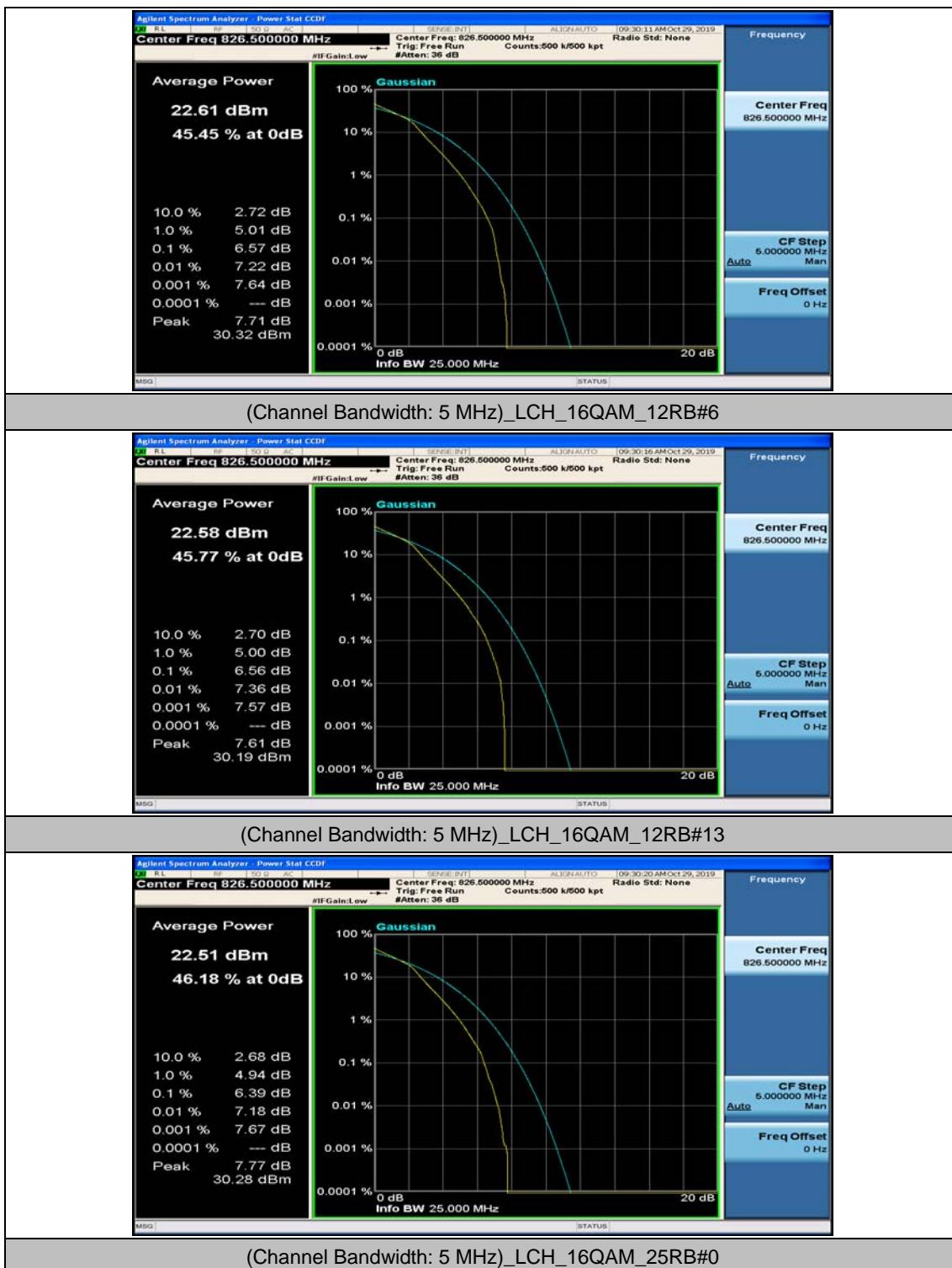


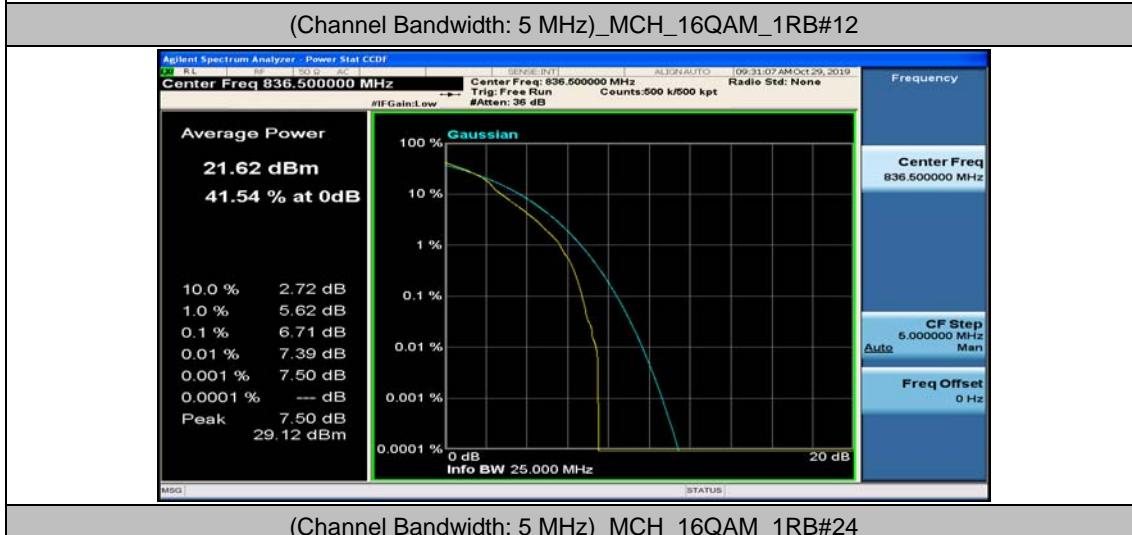
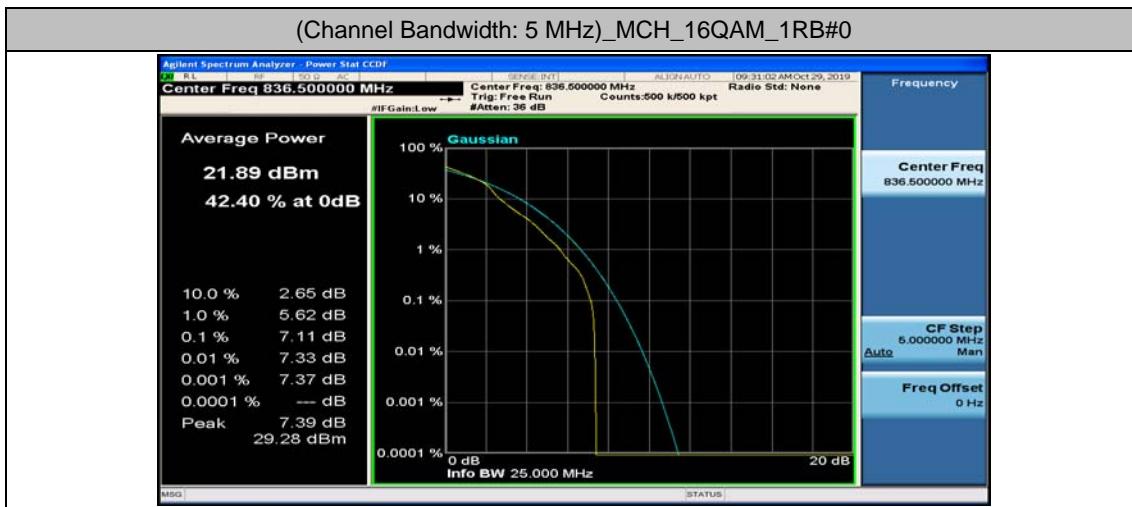












(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24

