

## 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	24.46	PASS
		1	3	24.85	PASS
		1	5	24.76	PASS
		3	0	24.48	PASS
		3	2	24.73	PASS
		3	3	24.70	PASS
		6	0	23.58	PASS
	MCH	1	0	24.88	PASS
		1	3	24.71	PASS
		1	5	24.70	PASS
		3	0	24.83	PASS
		3	2	24.82	PASS
		3	3	24.86	PASS
		6	0	24.19	PASS
	HCH	1	0	25.50	PASS
		1	3	25.35	PASS
		1	5	25.37	PASS
		3	0	24.49	PASS
		3	2	24.38	PASS
		3	3	24.34	PASS
		6	0	23.45	PASS
16QAM	LCH	1	0	24.58	PASS
		1	3	24.63	PASS
		1	5	24.50	PASS
		3	0	23.96	PASS
		3	2	23.97	PASS
		3	3	23.95	PASS
		6	0	22.46	PASS
	MCH	1	0	24.44	PASS
		1	3	24.37	PASS
		1	5	24.42	PASS
		3	0	23.98	PASS

		3	2	24.00	PASS
		3	3	23.97	PASS
		6	0	22.85	PASS
HCH		1	0	25.24	PASS
		1	3	25.37	PASS
		1	5	25.20	PASS
		3	0	24.78	PASS
		3	2	24.64	PASS
		3	3	24.71	PASS
		6	0	23.67	PASS

### Channel Bandwidth: 3 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	24.53	PASS
		1	7	24.60	PASS
		1	14	25.03	PASS
		8	0	23.83	PASS
		8	4	23.85	PASS
		8	7	23.91	PASS
		15	0	23.80	PASS
	MCH	1	0	25.13	PASS
		1	7	24.79	PASS
		1	14	24.86	PASS
		8	0	24.11	PASS
		8	4	23.87	PASS
		8	7	24.00	PASS
		15	0	24.03	PASS
	HCH	1	0	25.46	PASS
		1	7	25.37	PASS
		1	14	25.16	PASS
		8	0	24.53	PASS
		8	4	24.50	PASS
		8	7	24.34	PASS
		15	0	24.44	PASS
16QAM	LCH	1	0	24.55	PASS
		1	7	24.41	PASS
		1	14	24.64	PASS
		8	0	22.94	PASS
		8	4	22.91	PASS
		8	7	22.93	PASS
		15	0	22.74	PASS

		1	0	24.99	PASS
		1	7	24.34	PASS
		1	14	24.25	PASS
	MCH	8	0	23.20	PASS
		8	4	22.96	PASS
		8	7	22.90	PASS
		15	0	22.94	PASS
		1	0	25.15	PASS
	HCH	1	7	25.30	PASS
		1	14	25.05	PASS
		8	0	23.95	PASS
		8	4	23.96	PASS
		8	7	23.83	PASS
		15	0	23.34	PASS

### Channel Bandwidth: 5 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	24.64	PASS
		1	12	24.60	PASS
		1	24	25.08	PASS
		12	0	23.77	PASS
		12	6	23.80	PASS
		12	13	24.10	PASS
		25	0	23.77	PASS
	MCH	1	0	24.96	PASS
		1	12	24.61	PASS
		1	24	24.72	PASS
		12	0	24.04	PASS
		12	6	23.92	PASS
		12	13	24.04	PASS
		25	0	23.96	PASS
	HCH	1	0	25.30	PASS
		1	12	25.72	PASS
		1	24	25.38	PASS
		12	0	24.43	PASS
		12	6	24.56	PASS
		12	13	24.57	PASS
		25	0	24.44	PASS
16QAM	LCH	1	0	24.10	PASS
		1	12	24.20	PASS
		1	24	24.74	PASS

		12	0	22.67	PASS
		12	6	22.61	PASS
		12	13	23.14	PASS
		25	0	22.82	PASS
MCH		1	0	24.53	PASS
		1	12	24.09	PASS
		1	24	23.98	PASS
		12	0	23.31	PASS
		12	6	23.06	PASS
		12	13	22.96	PASS
		25	0	23.09	PASS
HCH		1	0	24.93	PASS
		1	12	25.15	PASS
		1	24	24.87	PASS
		12	0	23.52	PASS
		12	6	23.73	PASS
		12	13	23.71	PASS
		25	0	23.53	PASS

## Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	24.62	PASS
		1	24	25.11	PASS
		1	49	25.14	PASS
		25	0	23.84	PASS
		25	12	24.12	PASS
		25	25	24.24	PASS
		50	0	23.94	PASS
	MCH	1	0	24.86	PASS
		1	24	24.52	PASS
		1	49	25.05	PASS
		25	0	24.22	PASS
		25	12	23.94	PASS
		25	25	24.04	PASS
		50	0	24.11	PASS
	HCH	1	0	25.12	PASS
		1	24	25.73	PASS
		1	49	25.73	PASS
		25	0	24.25	PASS
		25	12	24.66	PASS
		25	25	24.97	PASS

		50	0	24.52	PASS
16QAM	LCH	1	0	24.06	PASS
		1	24	24.96	PASS
		1	49	25.10	PASS
		25	0	22.75	PASS
		25	12	22.93	PASS
		25	25	23.11	PASS
		50	0	22.96	PASS
16QAM	MCH	1	0	24.92	PASS
		1	24	24.23	PASS
		1	49	24.27	PASS
		25	0	23.17	PASS
		25	12	22.85	PASS
		25	25	22.90	PASS
		50	0	23.17	PASS
16QAM	HCH	1	0	24.51	PASS
		1	24	25.70	PASS
		1	49	25.64	PASS
		25	0	23.10	PASS
		25	12	23.51	PASS
		25	25	23.61	PASS
		50	0	23.38	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	2.96	<13	PASS
		1	3	3.14	<13	PASS
		1	5	3.4	<13	PASS
		3	0	3.1	<13	PASS
		3	2	3.21	<13	PASS
		3	3	3.34	<13	PASS
		6	0	4.23	<13	PASS
	MCH	1	0	3.56	<13	PASS
		1	3	3.44	<13	PASS
		1	5	3.52	<13	PASS
		3	0	3.67	<13	PASS
		3	2	3.56	<13	PASS
		3	3	3.58	<13	PASS
		6	0	4.18	<13	PASS
16QAM	LCH	1	0	3.92	<13	PASS
		1	3	3.65	<13	PASS
		1	5	3.62	<13	PASS
		3	0	4.02	<13	PASS
		3	2	3.81	<13	PASS
		3	3	3.8	<13	PASS
		6	0	4.48	<13	PASS
	MCH	1	0	3.33	<13	PASS
		1	3	3.46	<13	PASS
		1	5	3.71	<13	PASS
		3	0	3.82	<13	PASS
		3	2	3.93	<13	PASS
		3	3	4.08	<13	PASS
		6	0	5.02	<13	PASS

		3	2	4.37	<13	PASS
		3	3	4.4	<13	PASS
		6	0	4.92	<13	PASS
HCH		1	0	4.83	<13	PASS
		1	3	4.63	<13	PASS
		1	5	4.62	<13	PASS
		3	0	4.86	<13	PASS
		3	2	4.65	<13	PASS
		3	3	4.61	<13	PASS
		6	0	5.33	<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	2.98	<13	PASS
		1	7	3.4	<13	PASS
		1	14	3.97	<13	PASS
		8	0	3.86	<13	PASS
		8	4	4.05	<13	PASS
		8	7	4.4	<13	PASS
		15	0	4.64	<13	PASS
	MCH	1	0	3.36	<13	PASS
		1	7	3.51	<13	PASS
		1	14	3.52	<13	PASS
		8	0	3.7	<13	PASS
		8	4	3.71	<13	PASS
		8	7	3.79	<13	PASS
		15	0	4.41	<13	PASS
	HCH	1	0	4.29	<13	PASS
		1	7	3.95	<13	PASS
		1	14	3.67	<13	PASS
		8	0	4.57	<13	PASS
		8	4	4.31	<13	PASS
		8	7	4.24	<13	PASS
		15	0	4.8	<13	PASS
16QAM	LCH	1	0	3.36	<13	PASS
		1	7	3.8	<13	PASS
		1	14	4.43	<13	PASS
		8	0	4.52	<13	PASS
		8	4	4.93	<13	PASS

		8	7	5.25	<13	PASS
		15	0	5.43	<13	PASS
MCH		1	0	4.36	<13	PASS
		1	7	4.02	<13	PASS
		1	14	4.19	<13	PASS
		8	0	4.64	<13	PASS
		8	4	4.4	<13	PASS
		8	7	4.66	<13	PASS
		15	0	5.16	<13	PASS
HCH		1	0	5.09	<13	PASS
		1	7	4.93	<13	PASS
		1	14	4.14	<13	PASS
		8	0	5.42	<13	PASS
		8	4	5.14	<13	PASS
		8	7	5.05	<13	PASS
		15	0	5.67	<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	2.95	<13	PASS
		1	12	3.83	<13	PASS
		1	24	4.56	<13	PASS
		12	0	3.96	<13	PASS
		12	6	4.34	<13	PASS
		12	13	4.84	<13	PASS
		25	0	4.96	<13	PASS
	MCH	1	0	3.29	<13	PASS
		1	12	3.47	<13	PASS
		1	24	3.45	<13	PASS
		12	0	3.71	<13	PASS
		12	6	3.64	<13	PASS
		12	13	3.7	<13	PASS
		25	0	4.45	<13	PASS
	HCH	1	0	4.65	<13	PASS
		1	12	4.33	<13	PASS
		1	24	3.59	<13	PASS
		12	0	4.81	<13	PASS
		12	6	4.7	<13	PASS
		12	13	4.27	<13	PASS

		25	0	4.84	<13	PASS
16QAM	LCH	1	0	3.68	<13	PASS
		1	12	4.75	<13	PASS
		1	24	5.34	<13	PASS
		12	0	4.8	<13	PASS
		12	6	5.19	<13	PASS
		12	13	5.63	<13	PASS
		25	0	5.7	<13	PASS
	MCH	1	0	4.02	<13	PASS
		1	12	4.17	<13	PASS
		1	24	4.22	<13	PASS
		12	0	4.53	<13	PASS
		12	6	4.56	<13	PASS
		12	13	4.49	<13	PASS
		25	0	5.16	<13	PASS
	HCH	1	0	5.29	<13	PASS
		1	12	5.25	<13	PASS
		1	24	4.42	<13	PASS
		12	0	5.47	<13	PASS
		12	6	5.35	<13	PASS
		12	13	5.17	<13	PASS
		25	0	5.62	<13	PASS

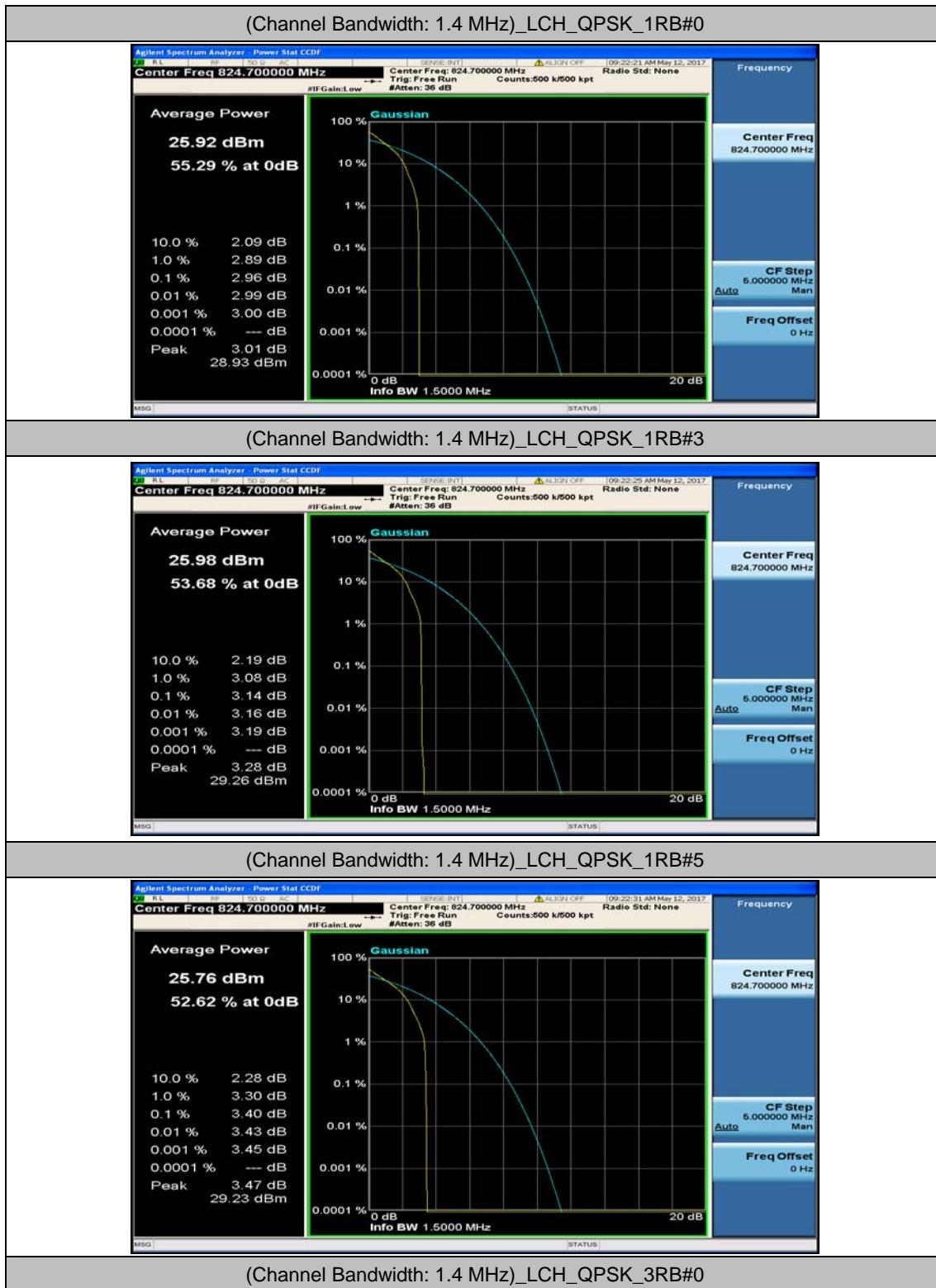
### Channel Bandwidth: 10 MHz

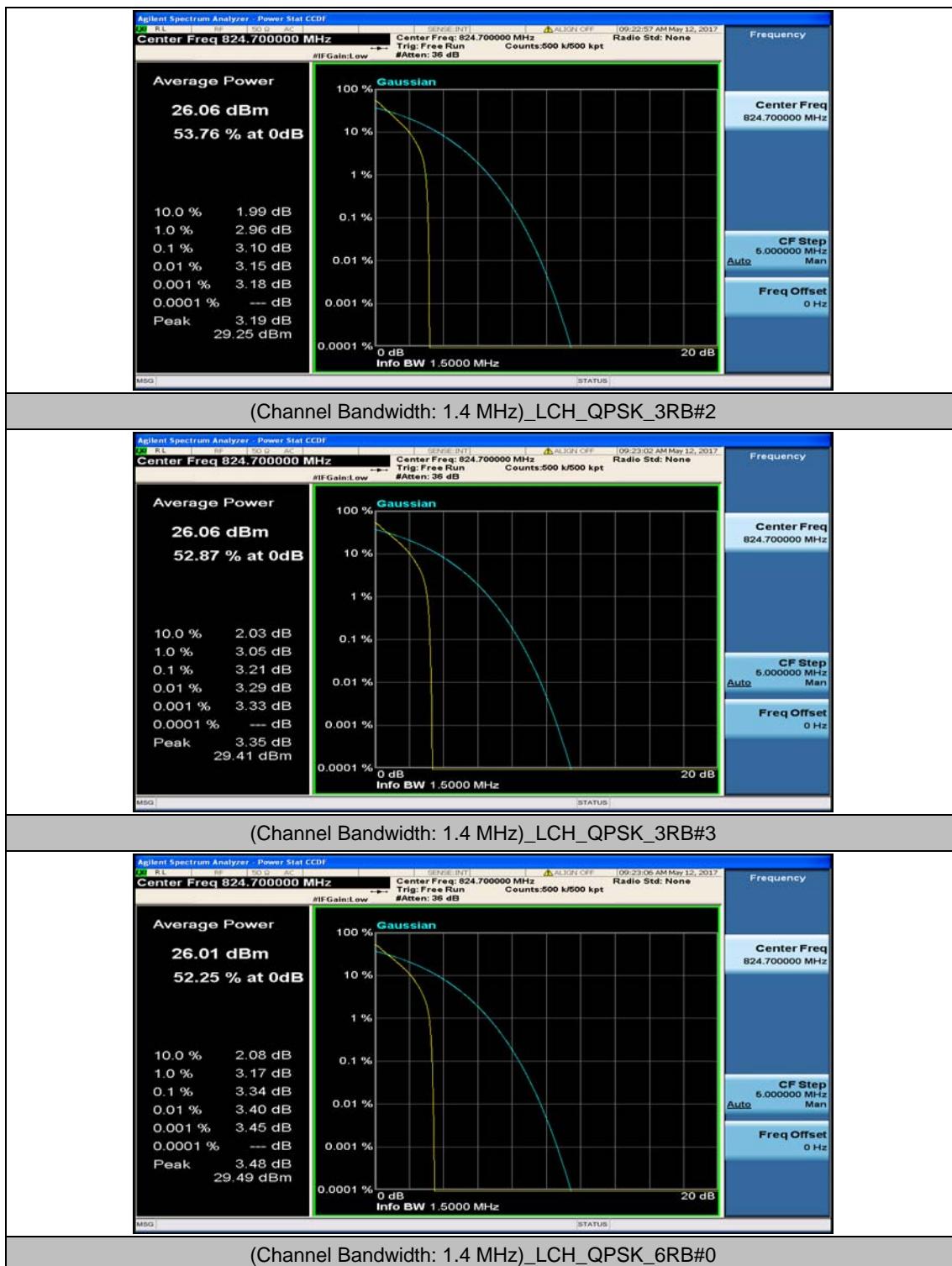
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Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.07	<13	PASS
		1	24	4.54	<13	PASS
		1	49	3.86	<13	PASS
		25	0	4.62	<13	PASS
		25	12	4.79	<13	PASS
		25	25	4.83	<13	PASS
		50	0	5.04	<13	PASS
	MCH	1	0	4.29	<13	PASS
		1	24	3.42	<13	PASS
		1	49	3.84	<13	PASS
		25	0	4.17	<13	PASS
		25	12	3.91	<13	PASS
		25	25	4.39	<13	PASS
		50	0	4.76	<13	PASS

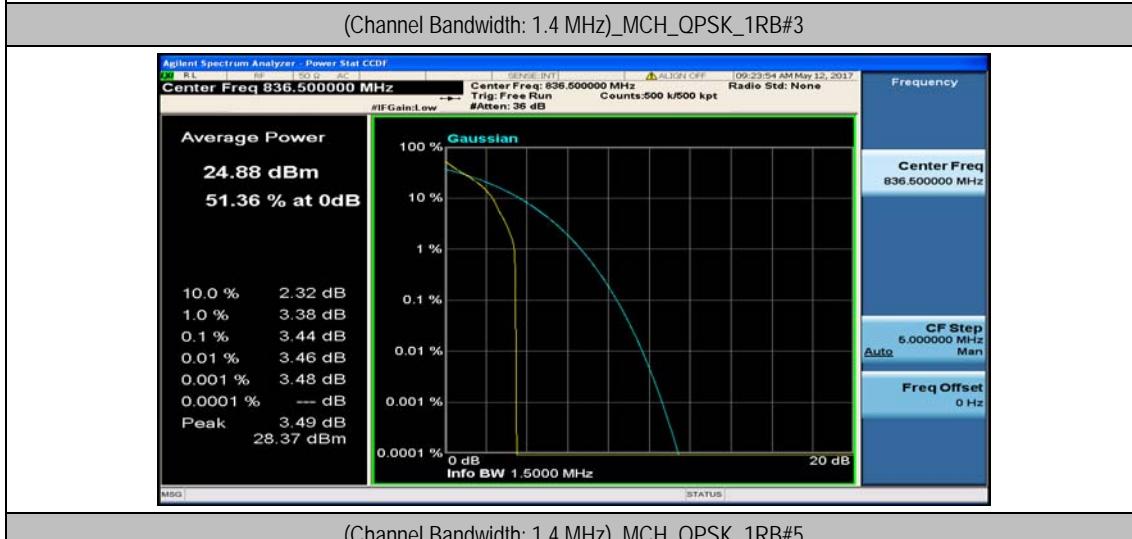
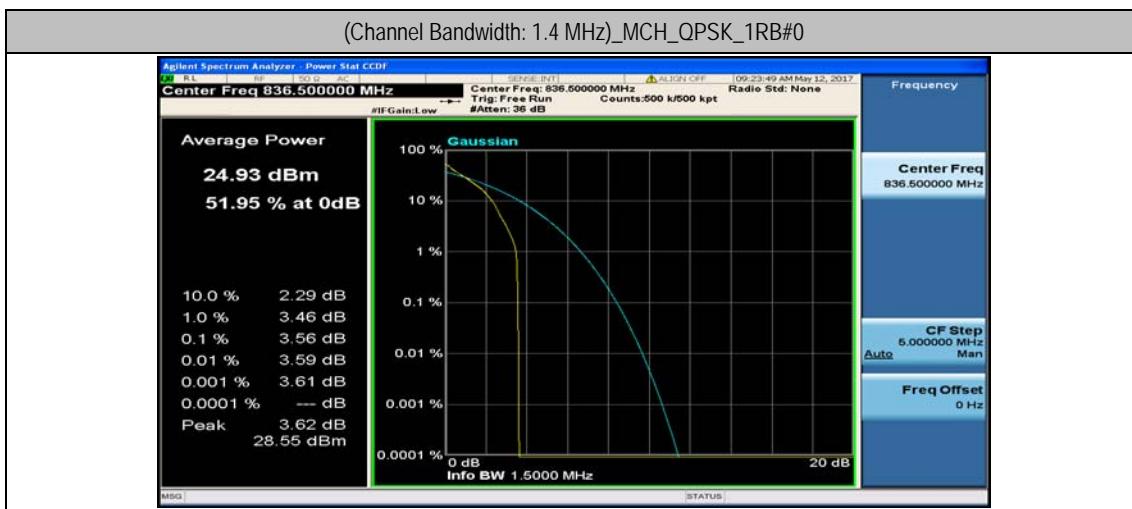
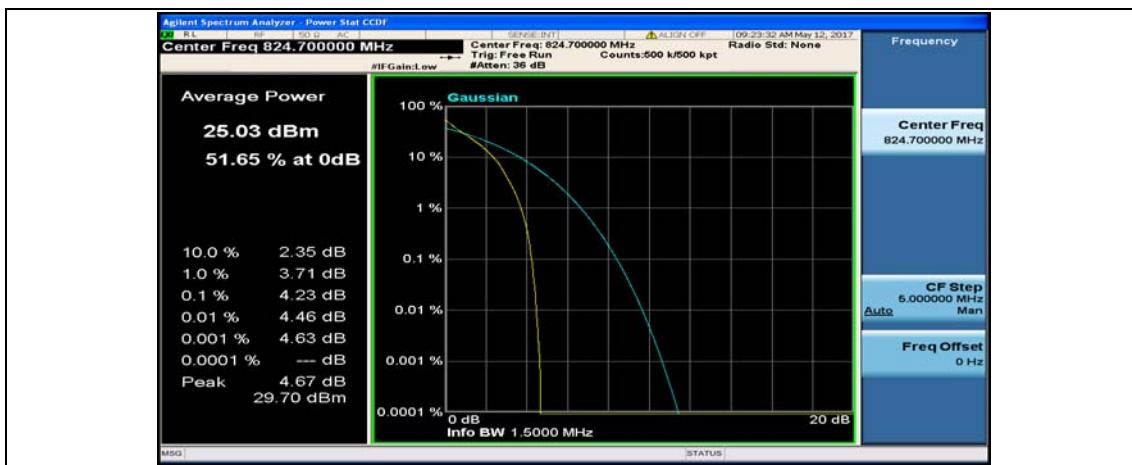
		1	0	3.53	<13	PASS
		1	24	4.44	<13	PASS
		1	49	3.65	<13	PASS
	HCH	25	0	4.73	<13	PASS
		25	12	4.99	<13	PASS
		25	25	4.79	<13	PASS
		50	0	5.03	<13	PASS
16QAM	LCH	1	0	3.73	<13	PASS
		1	24	5.25	<13	PASS
		1	49	4.83	<13	PASS
		25	0	5.47	<13	PASS
		25	12	5.7	<13	PASS
		25	25	5.71	<13	PASS
		50	0	5.89	<13	PASS
	MCH	1	0	4.84	<13	PASS
		1	24	4.21	<13	PASS
		1	49	4.53	<13	PASS
		25	0	5.02	<13	PASS
		25	12	4.72	<13	PASS
		25	25	4.82	<13	PASS
		50	0	5.47	<13	PASS
	HCH	1	0	4.26	<13	PASS
		1	24	5.07	<13	PASS
		1	49	4.5	<13	PASS
		25	0	5.36	<13	PASS
		25	12	5.61	<13	PASS
		25	25	5.68	<13	PASS
		50	0	5.83	<13	PASS

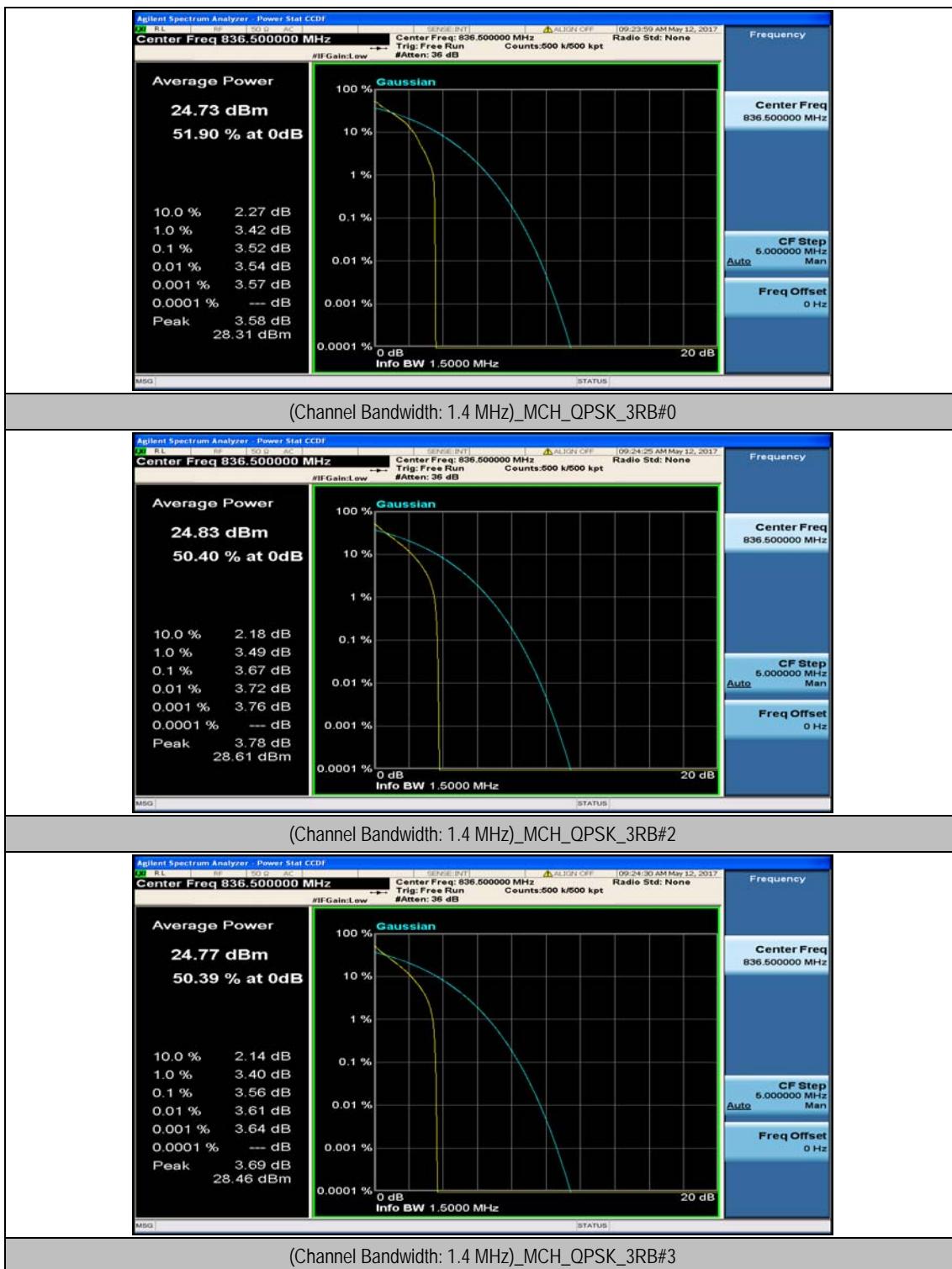
## Test Graphs

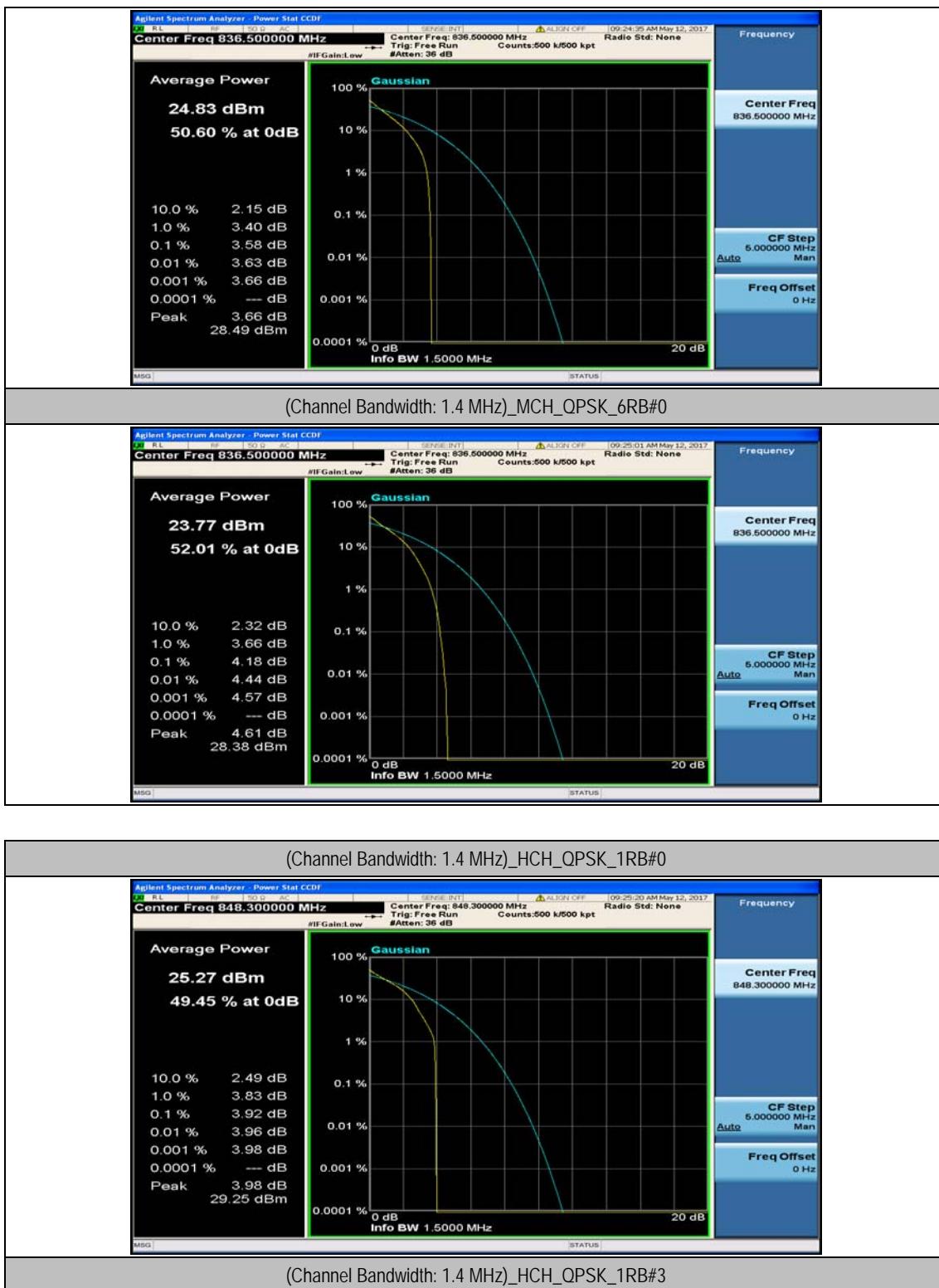
### Channel Bandwidth: 1.4 MHz

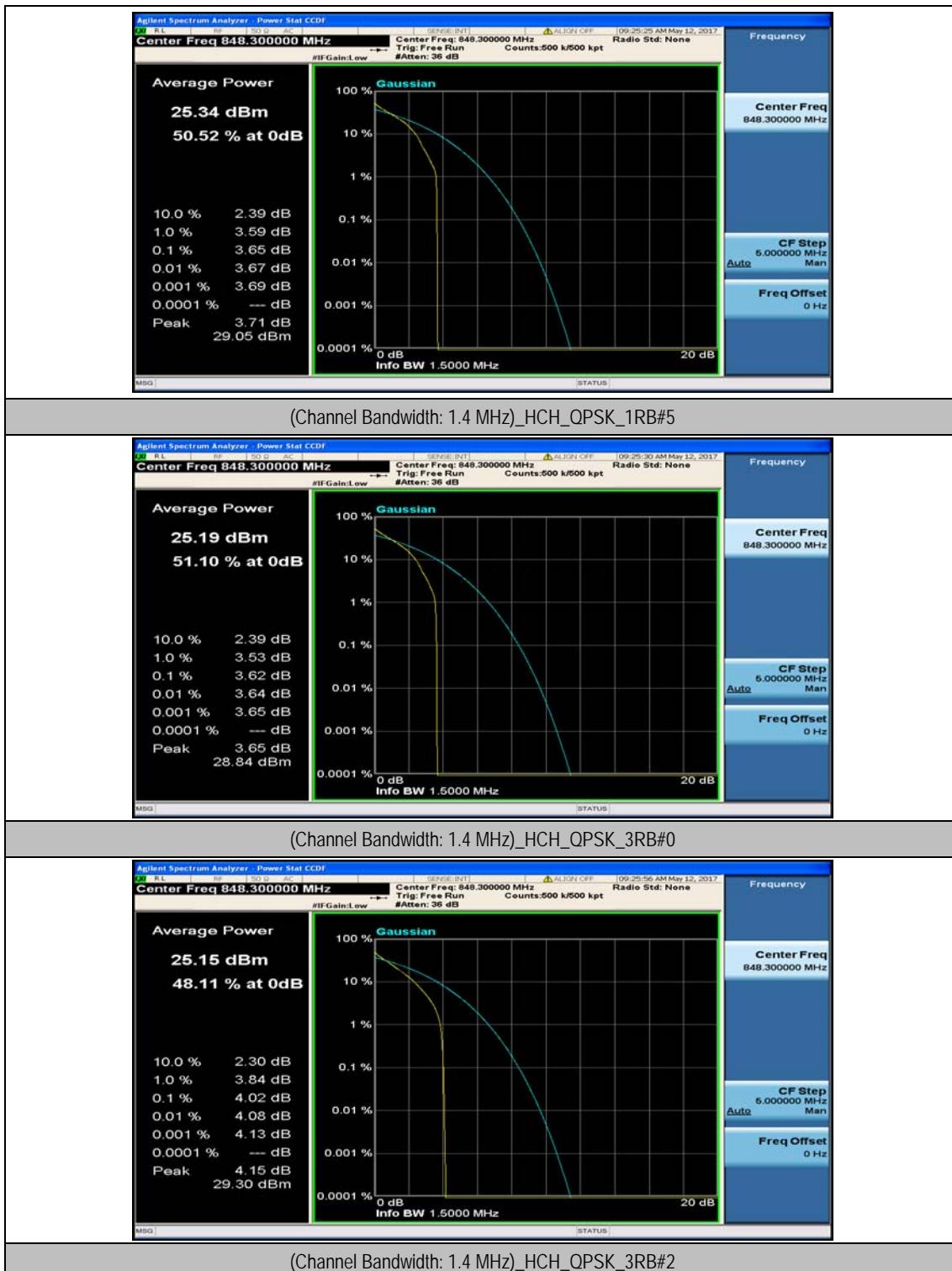


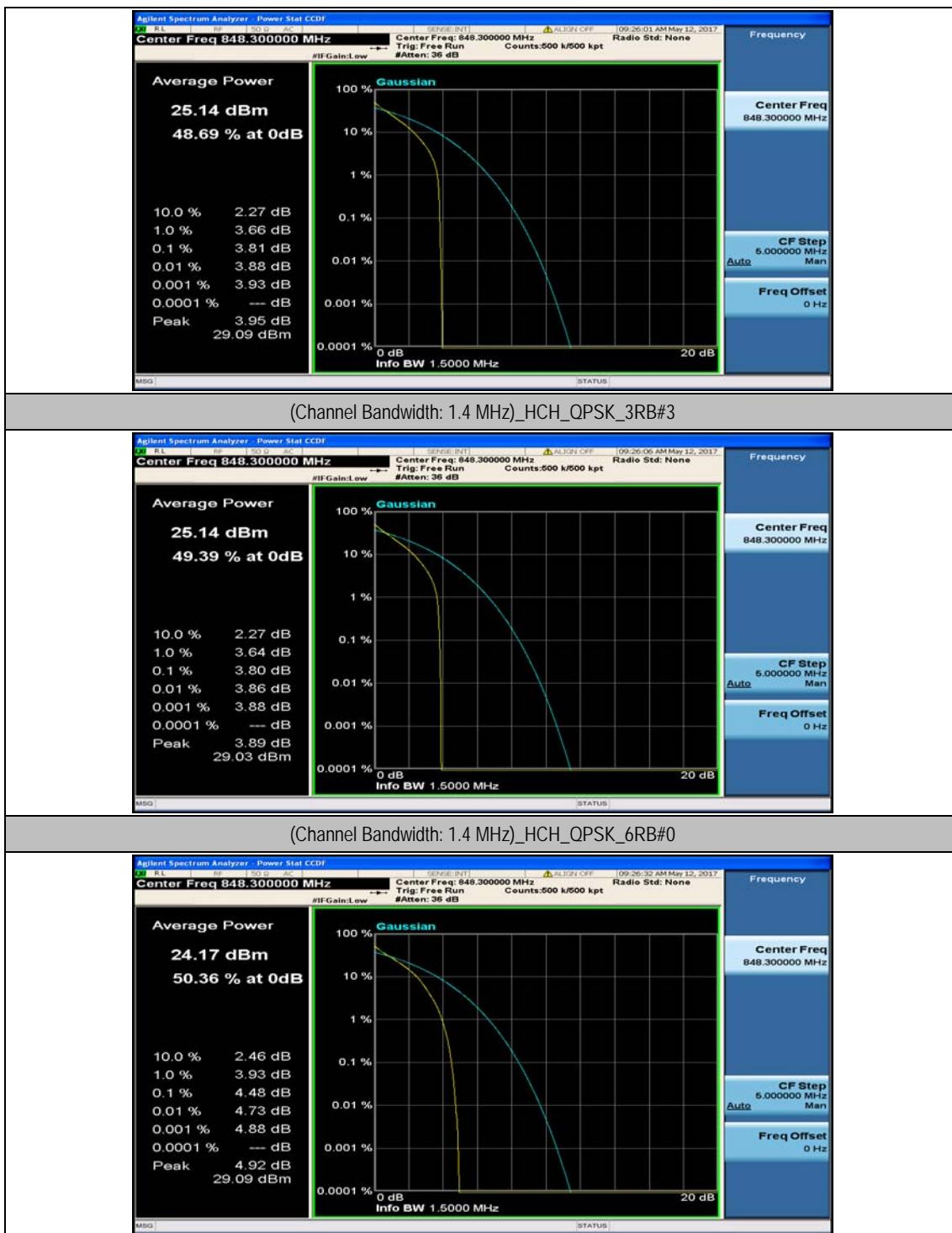


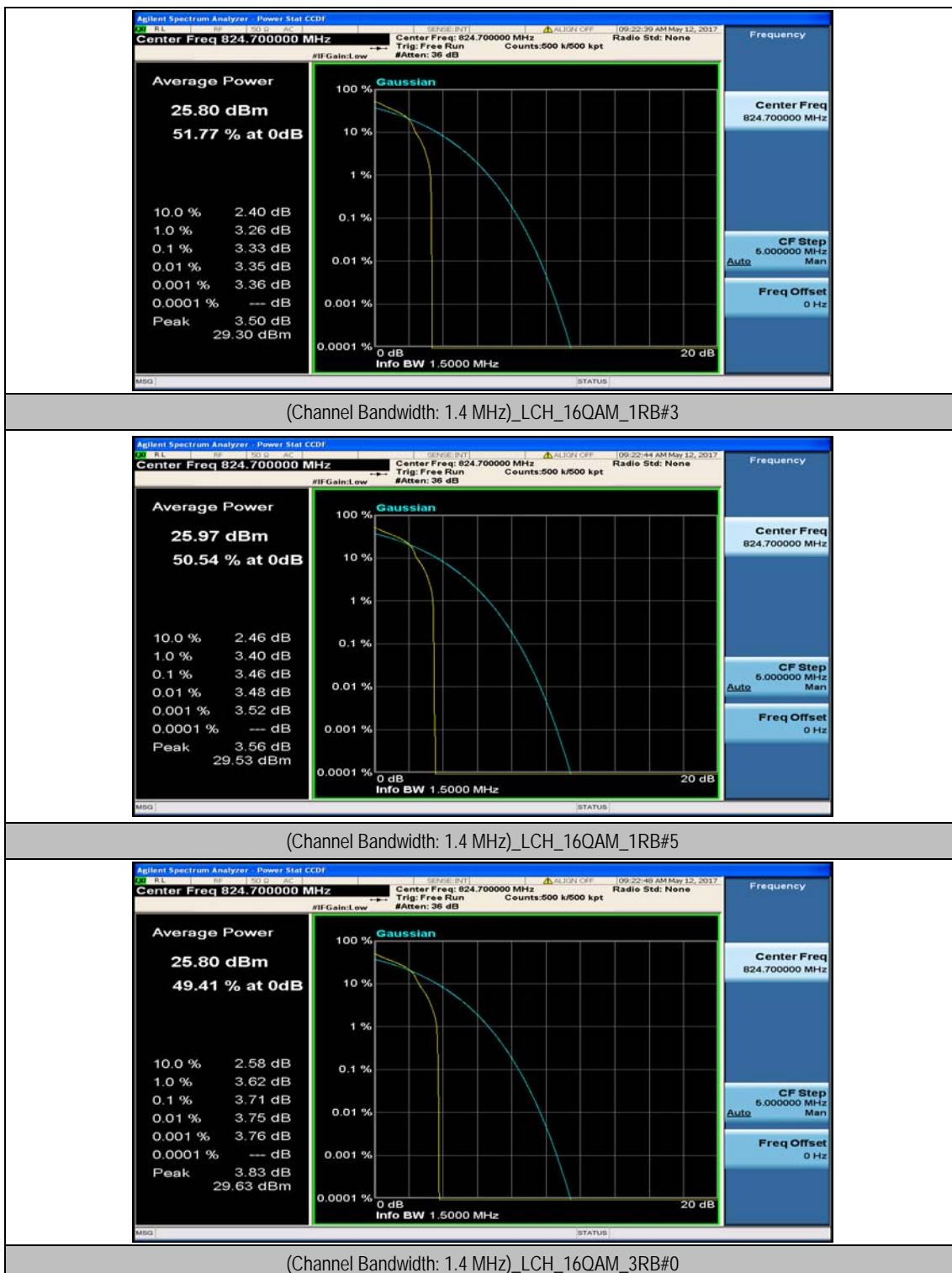


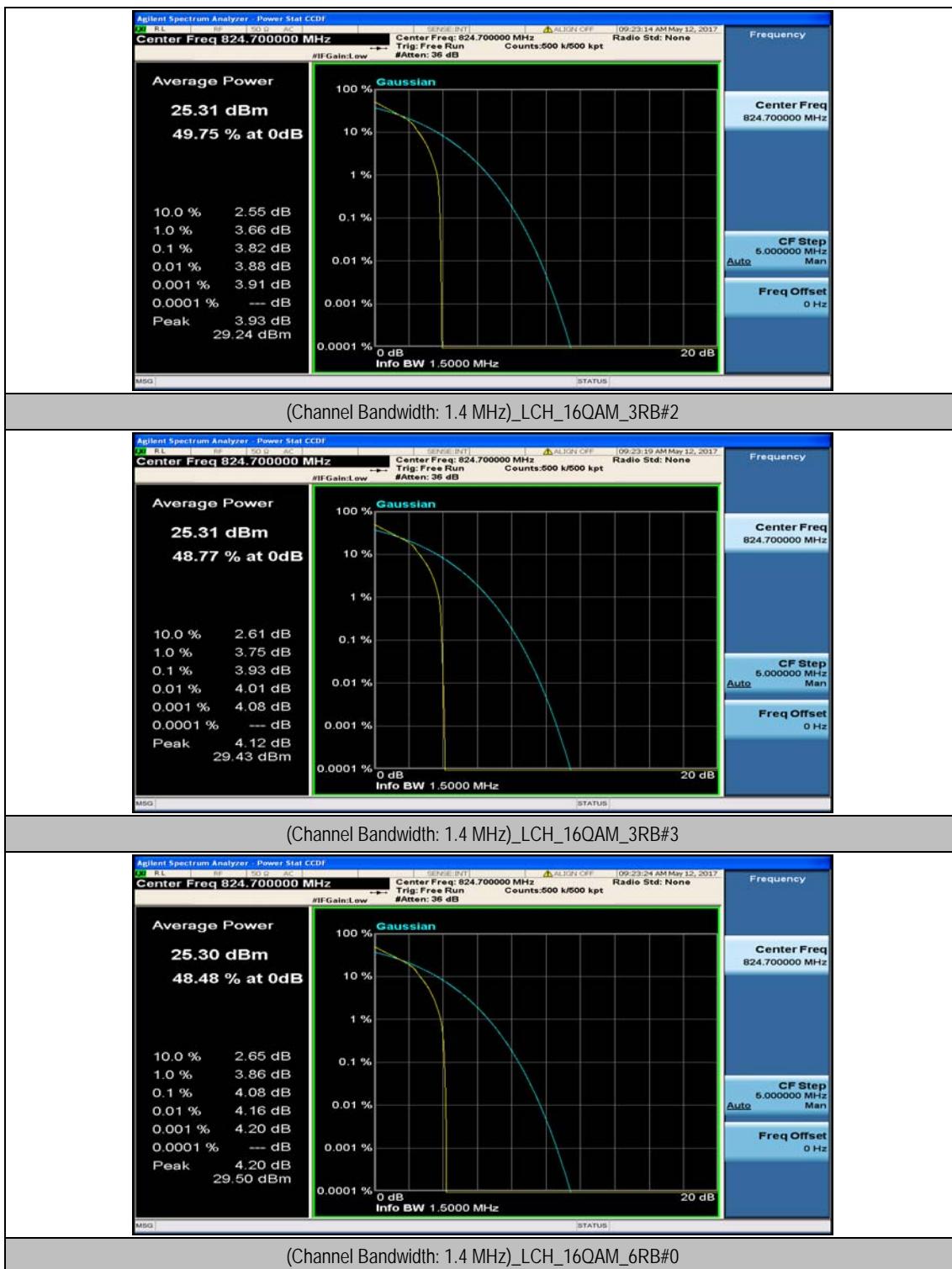


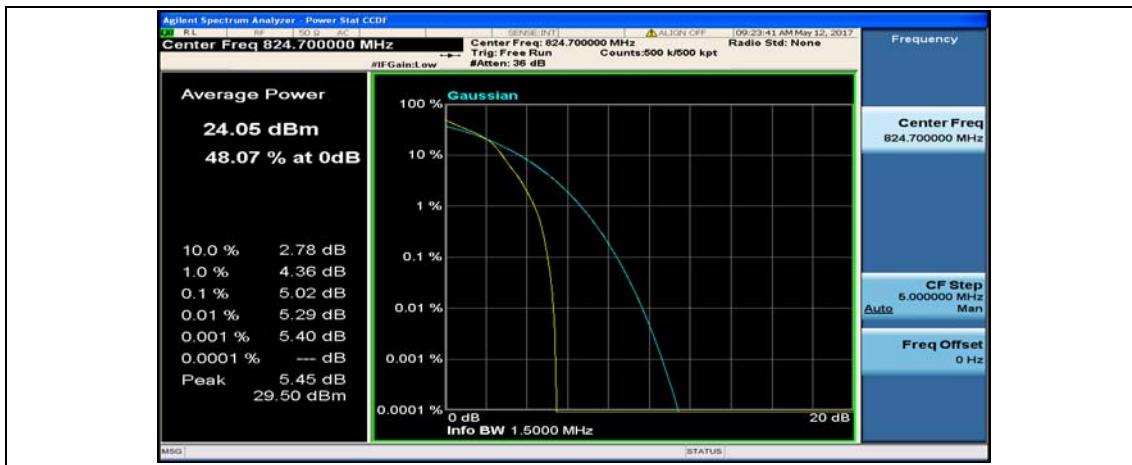


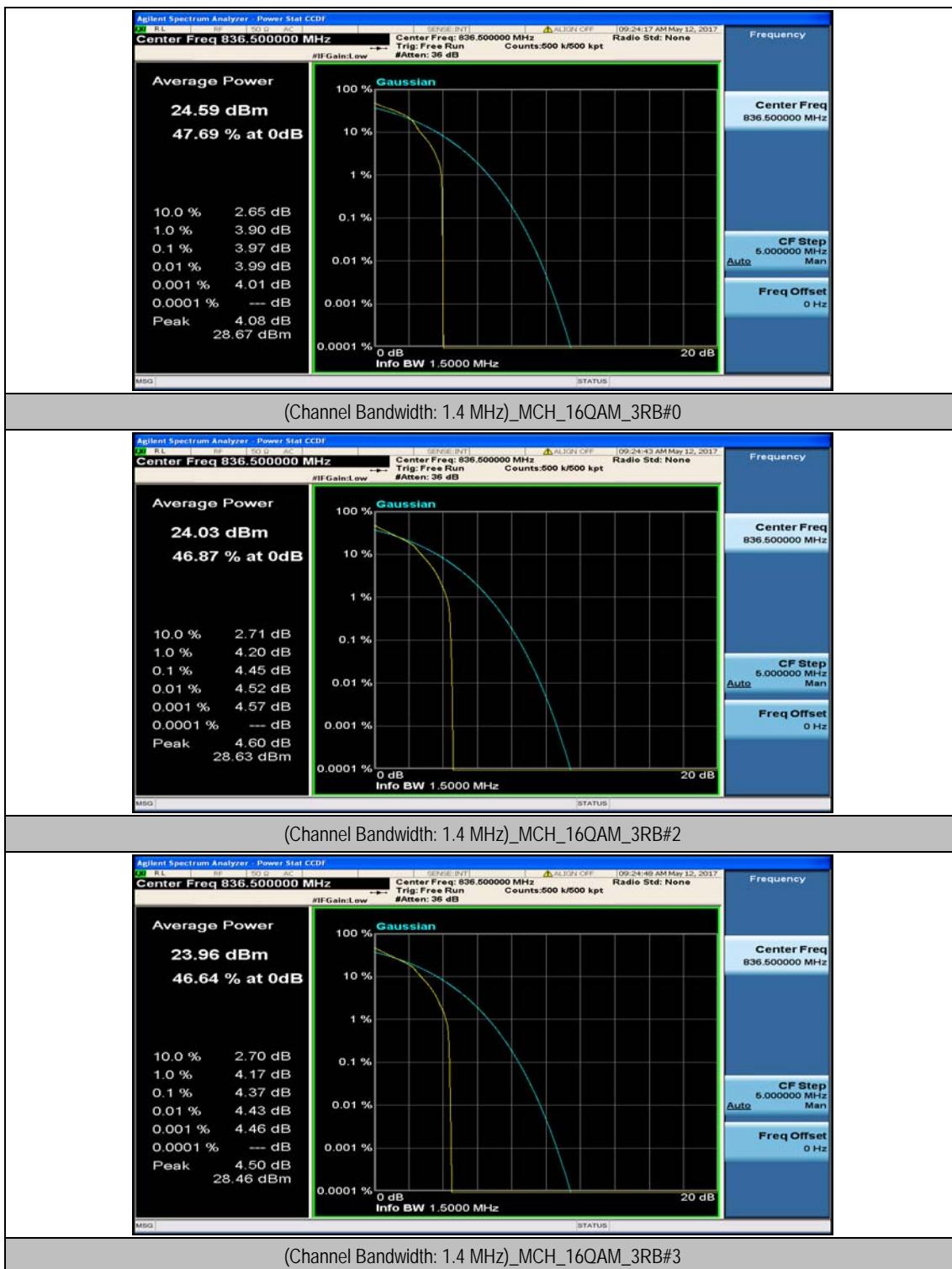


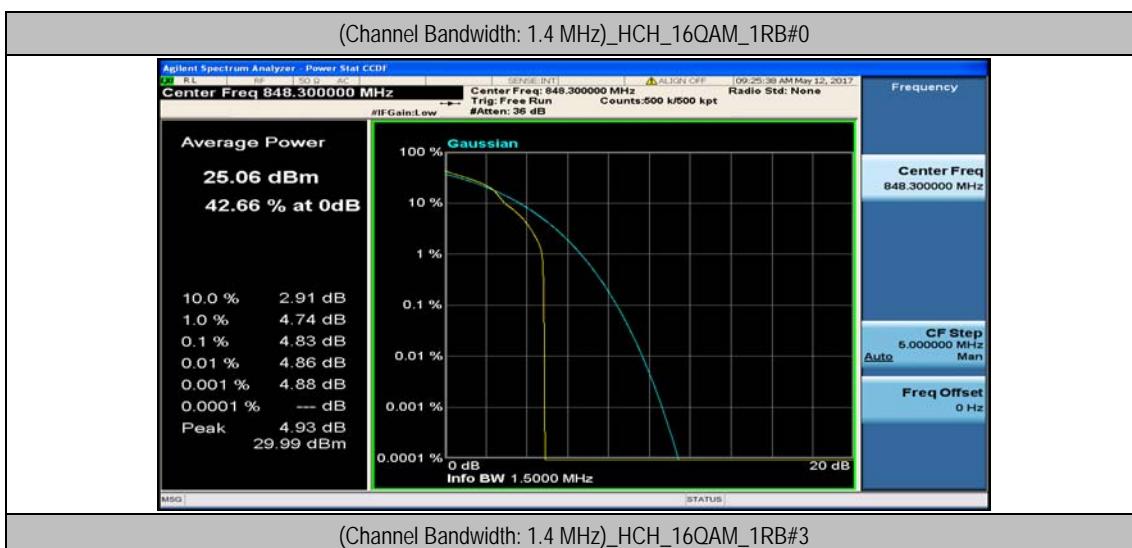
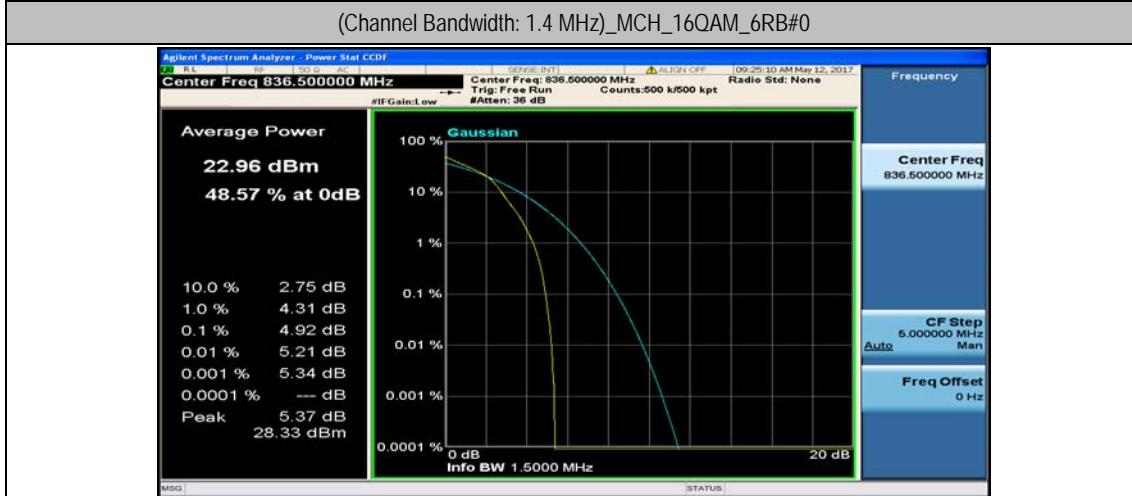


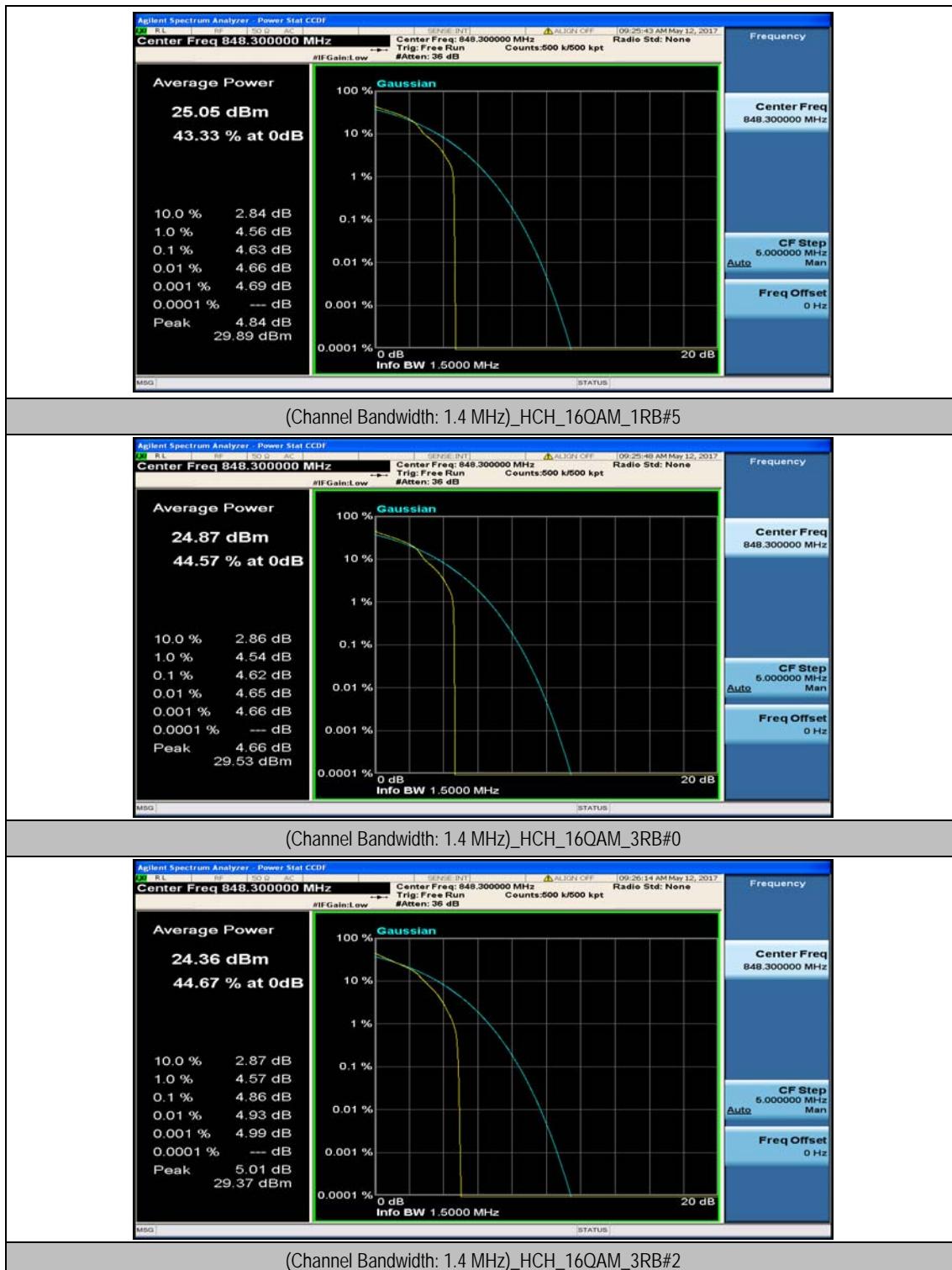


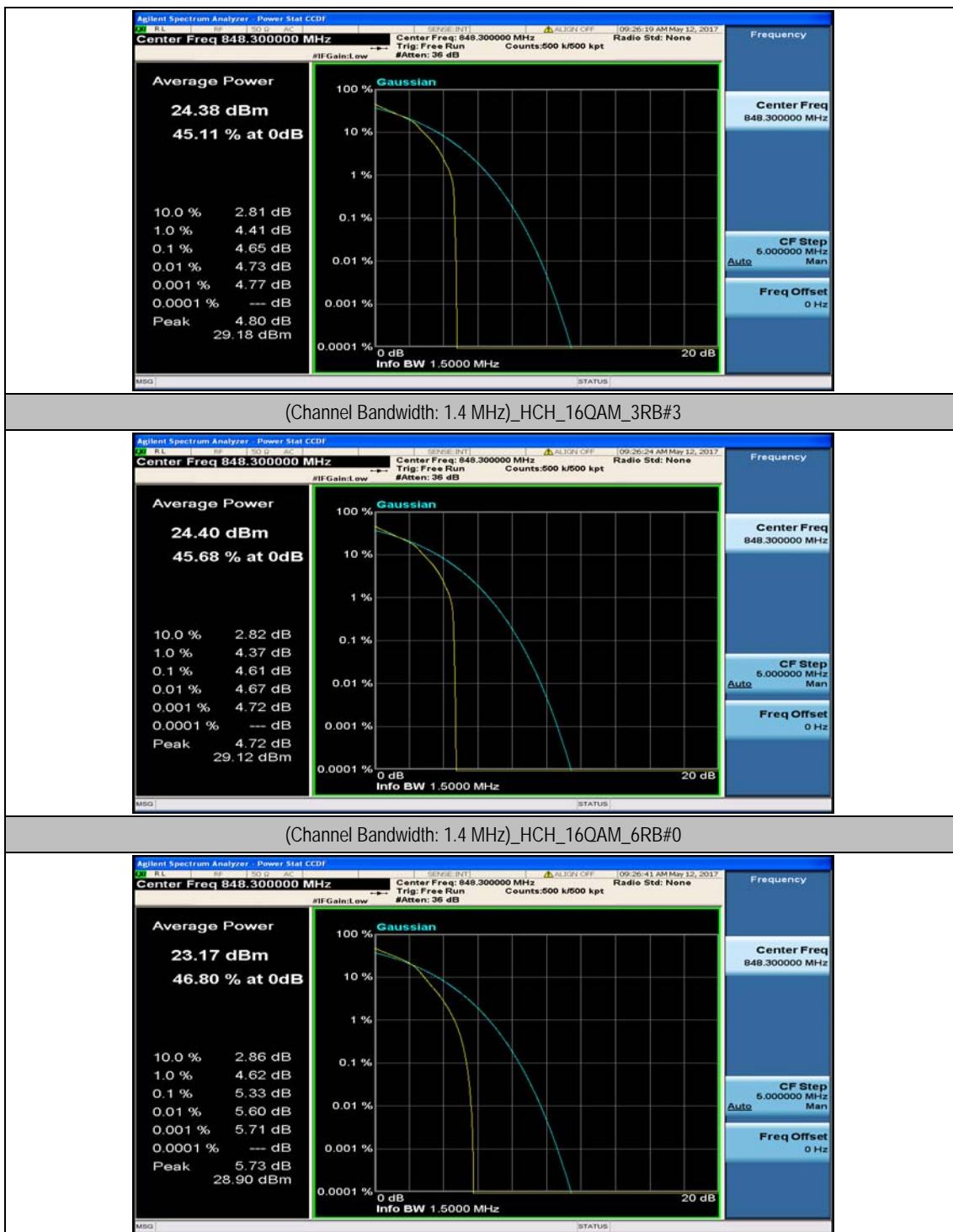






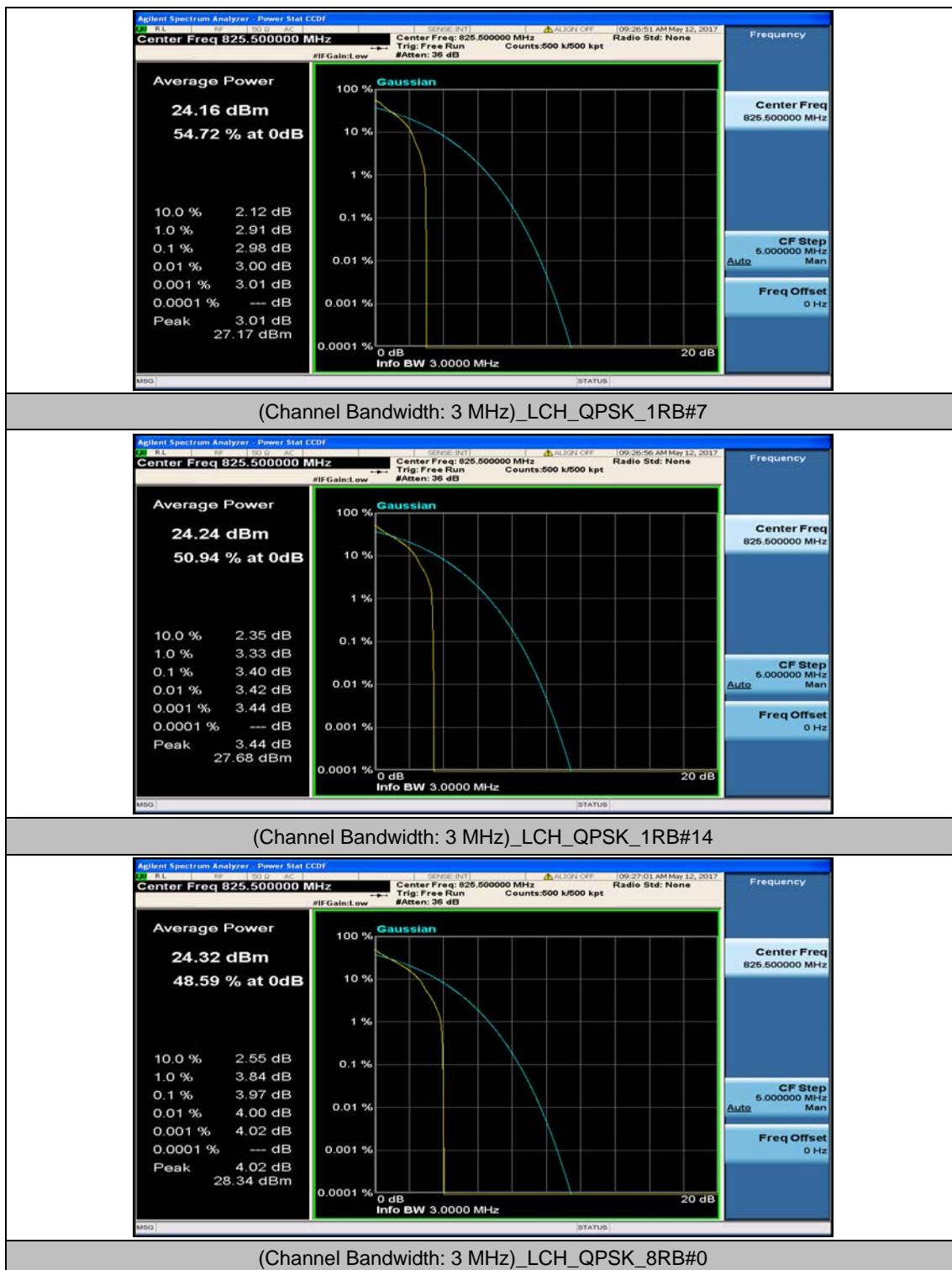


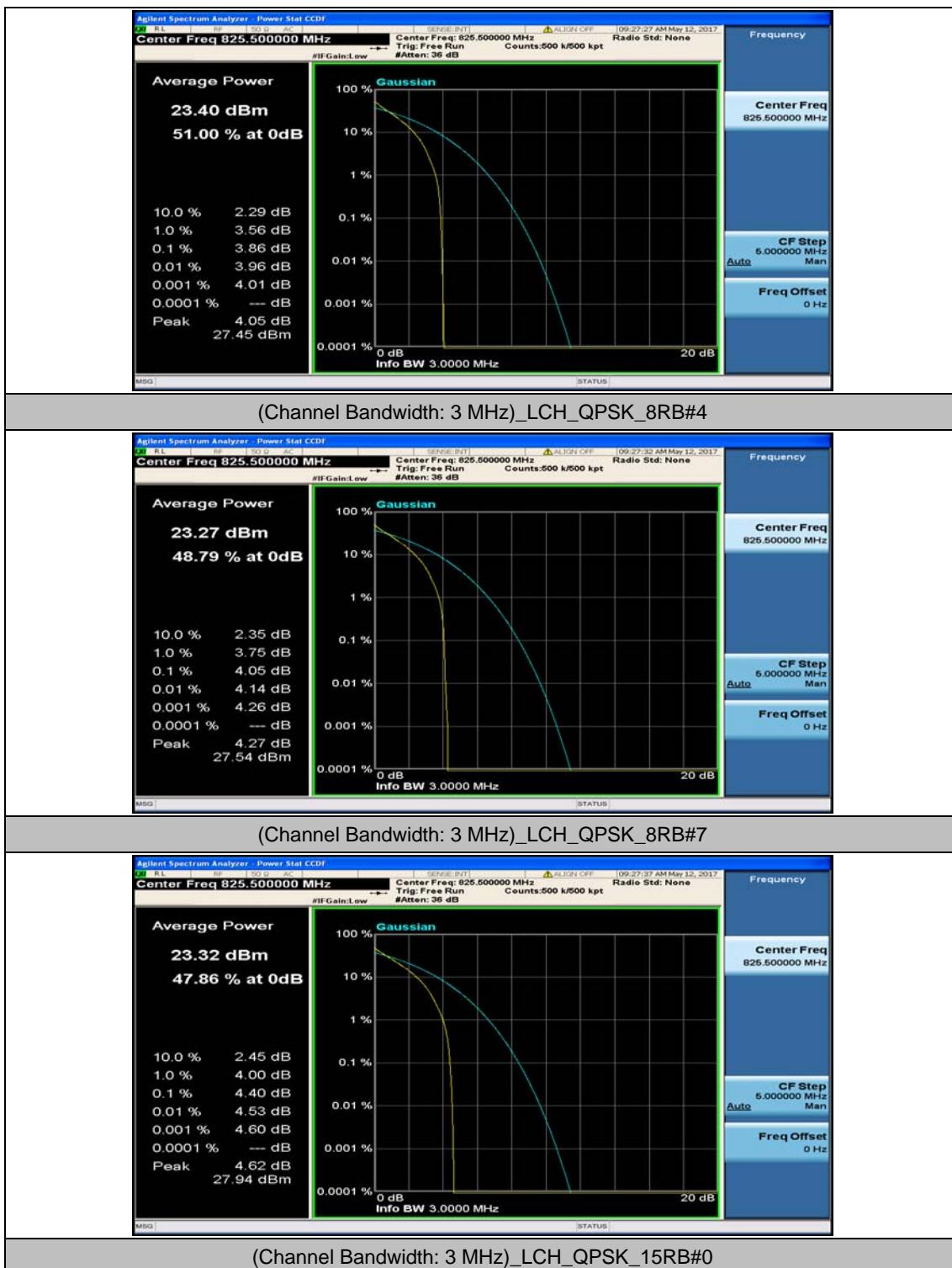


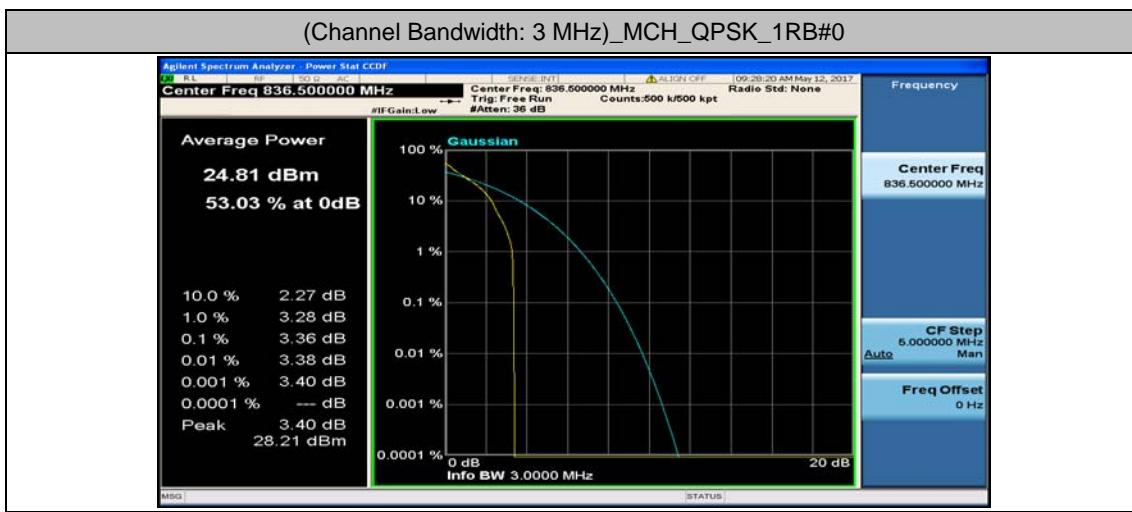
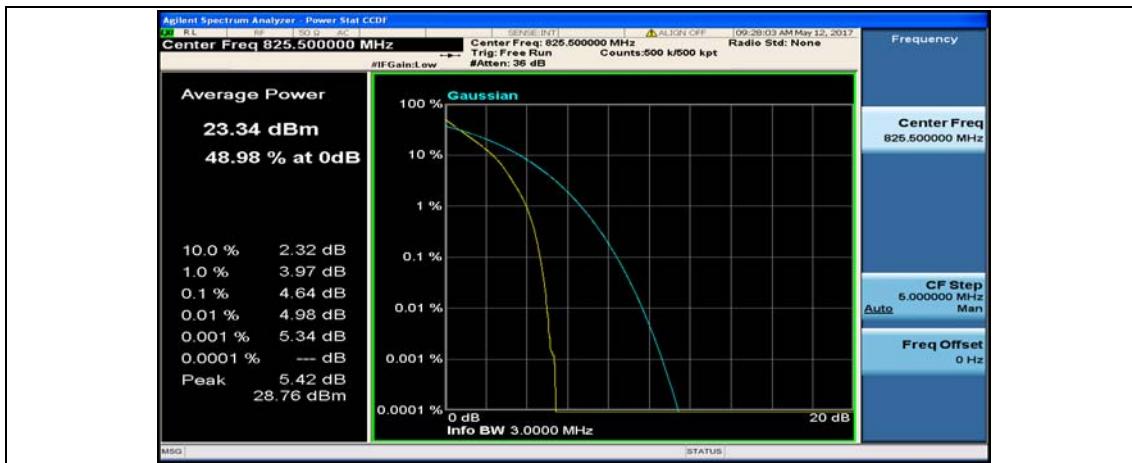


## Channel Bandwidth: 3 MHz

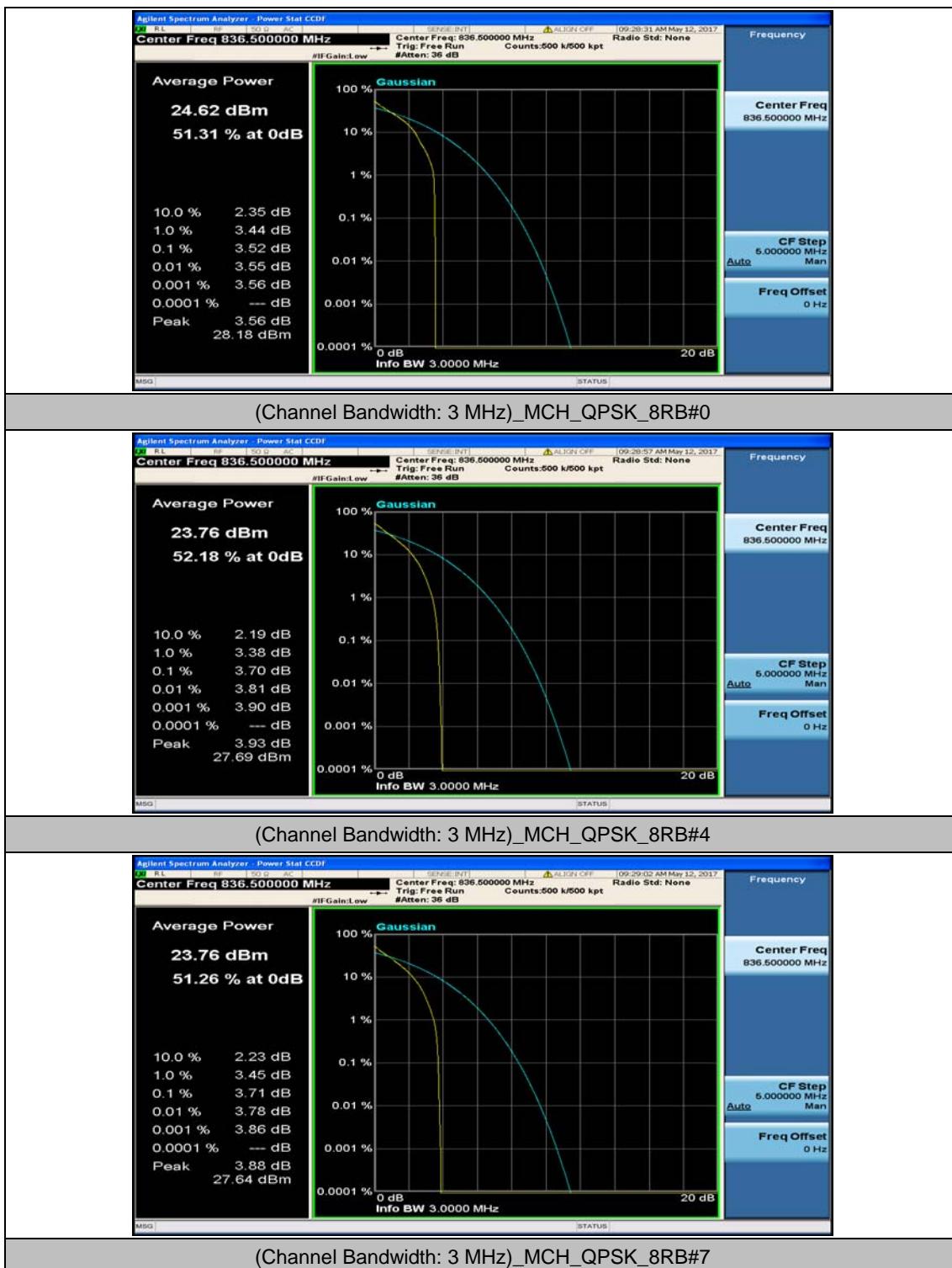
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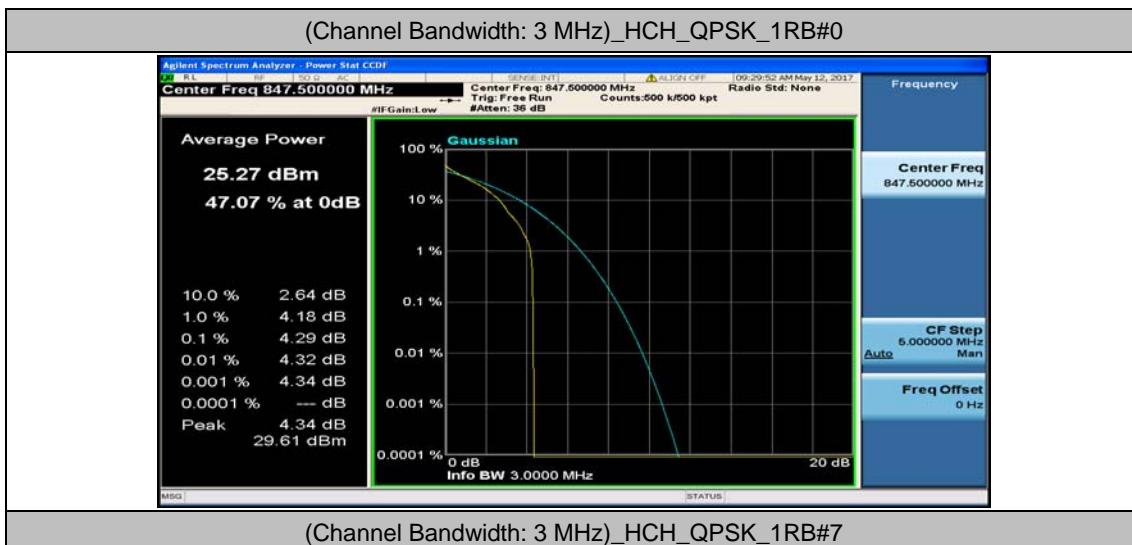
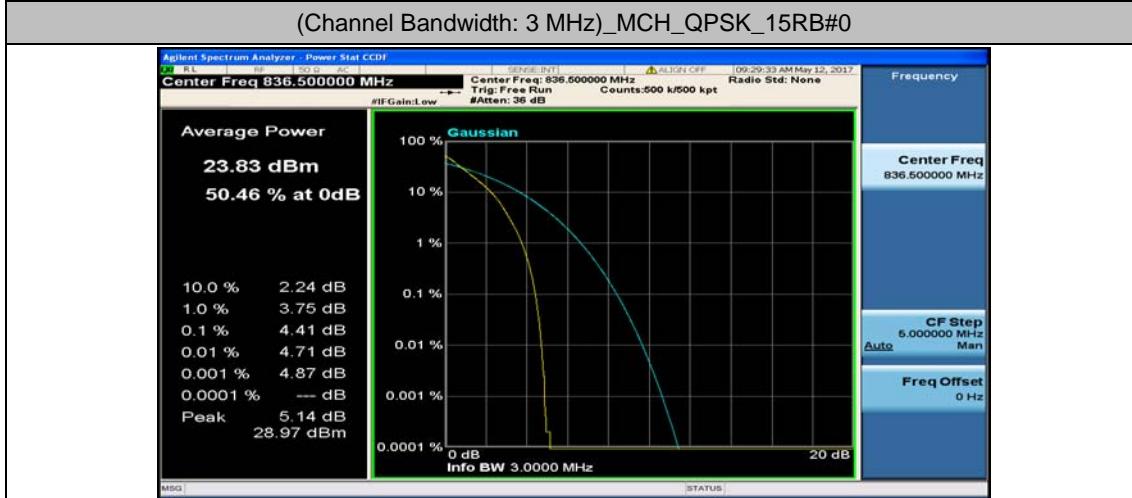
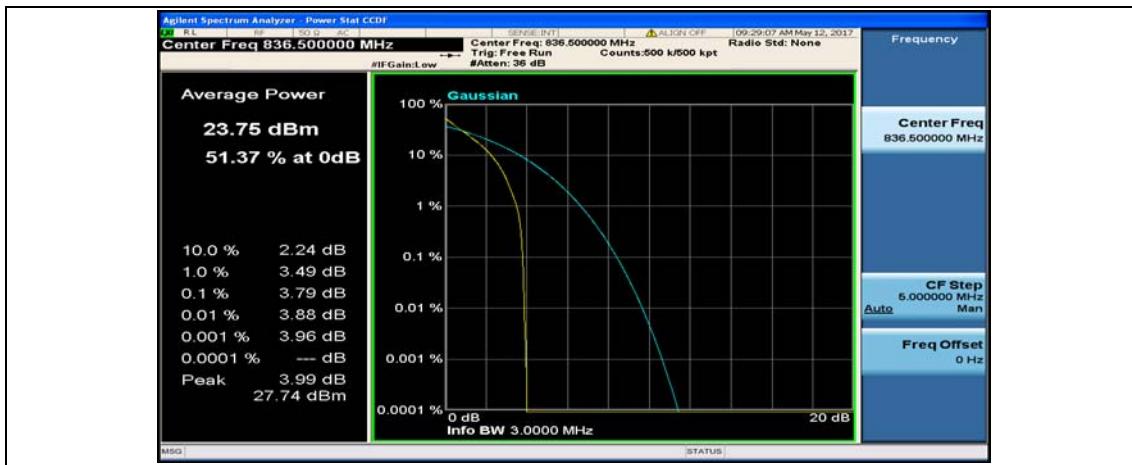


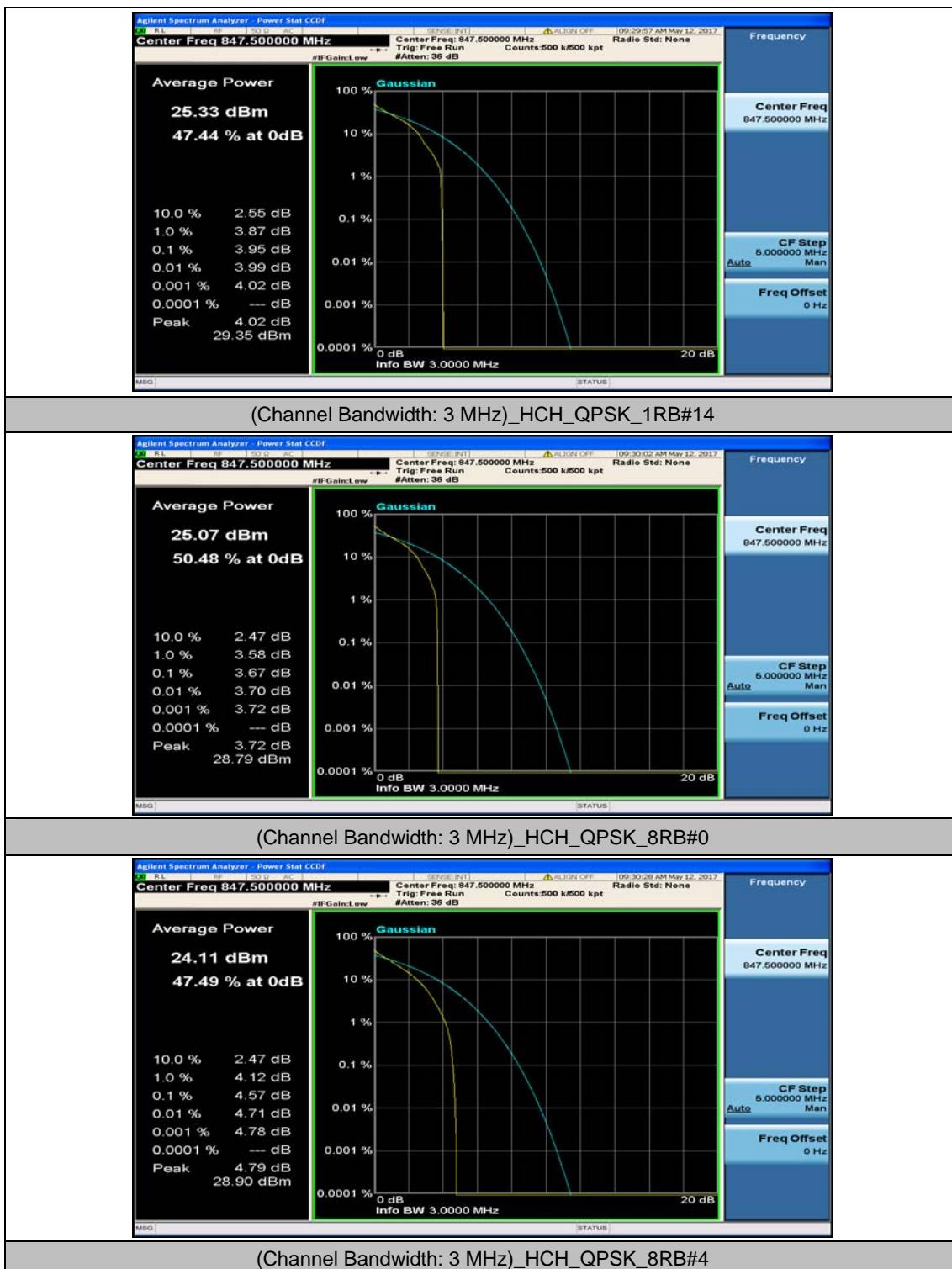


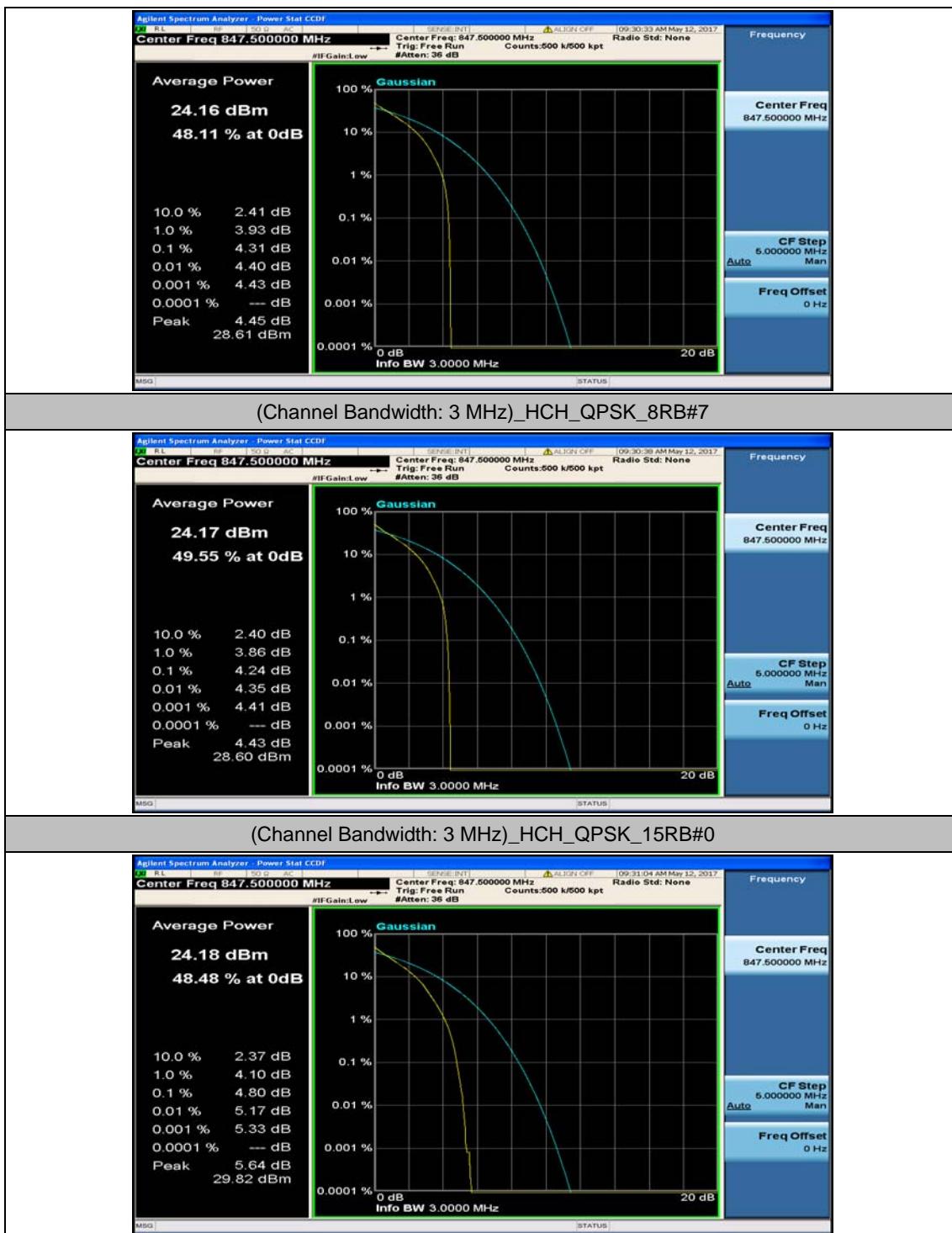


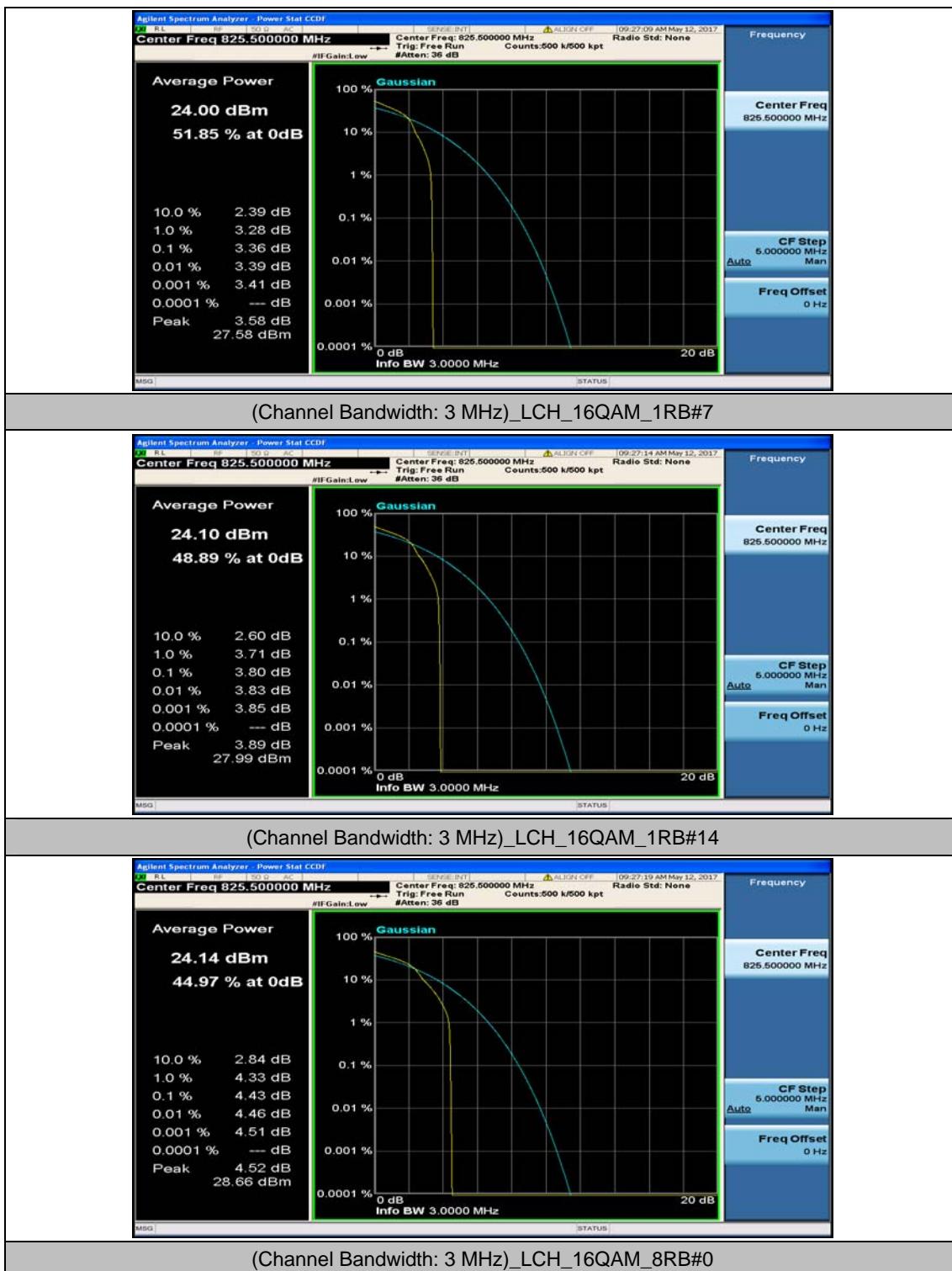
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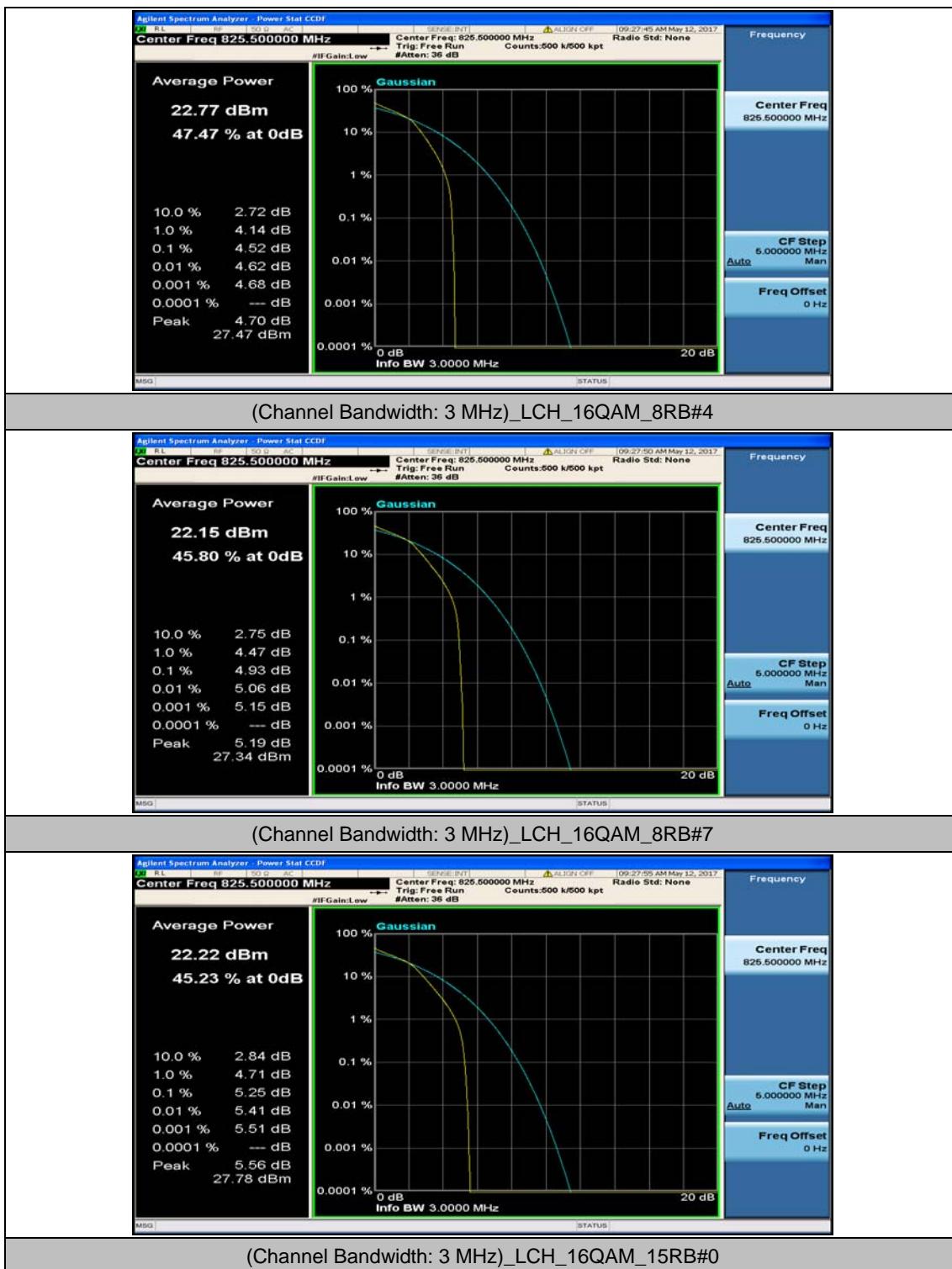


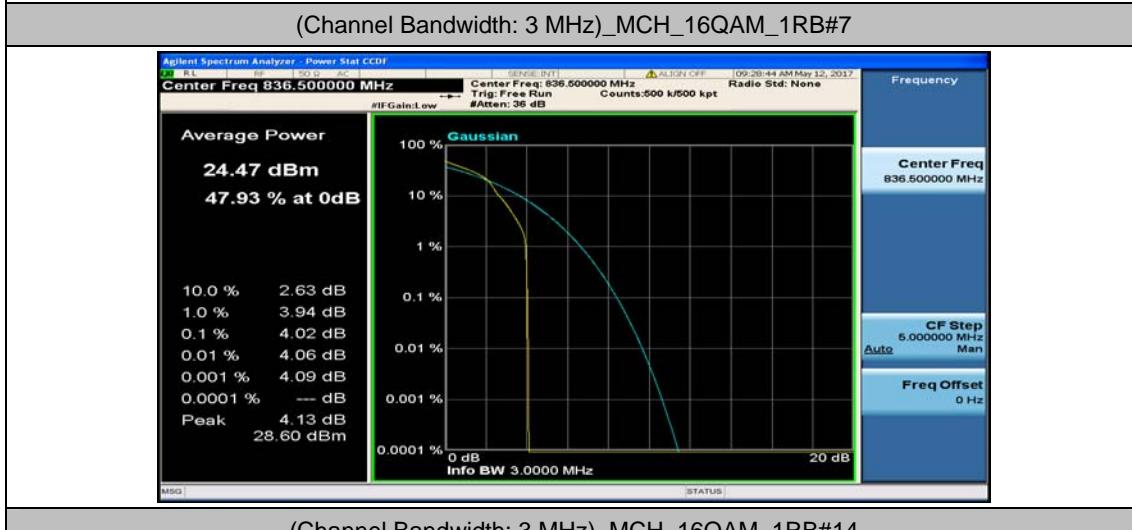
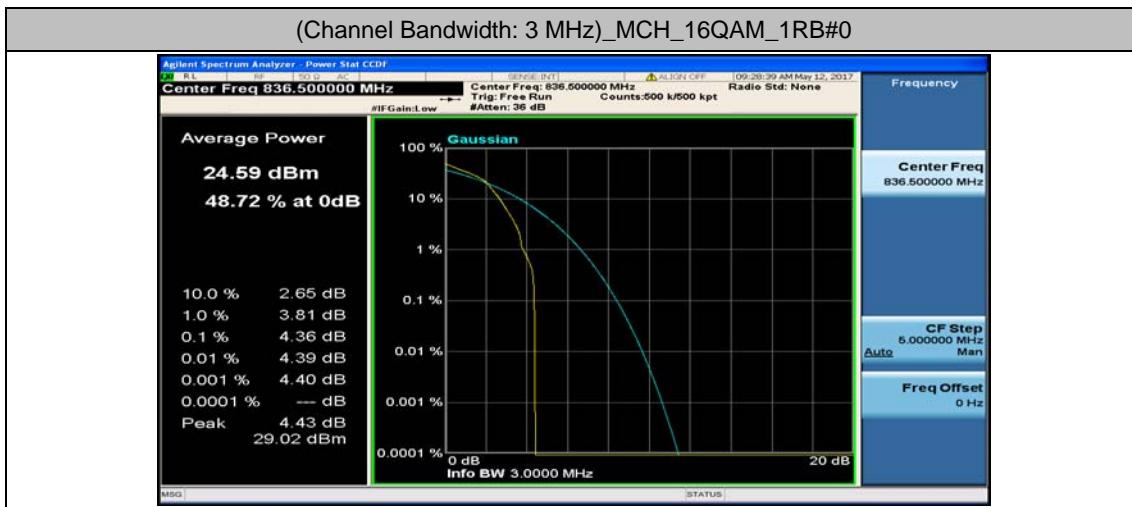
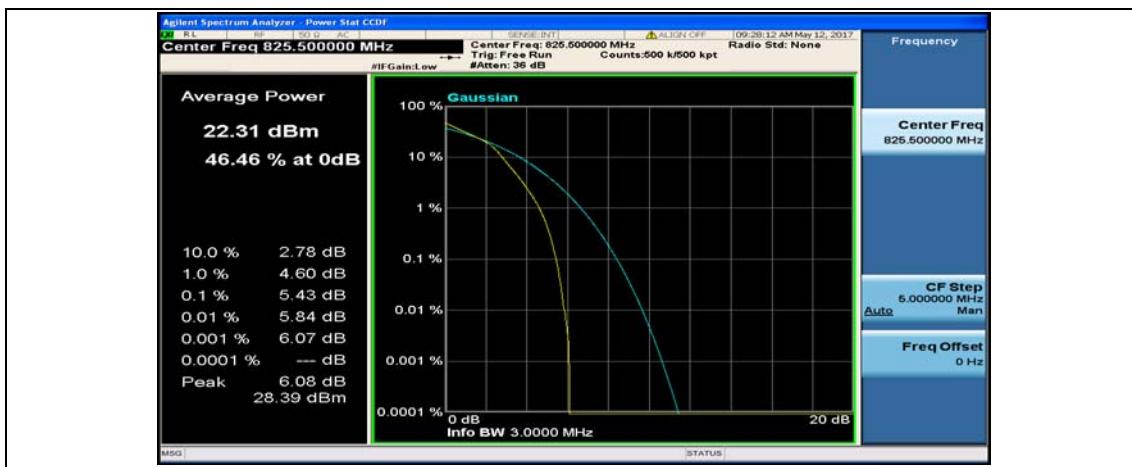


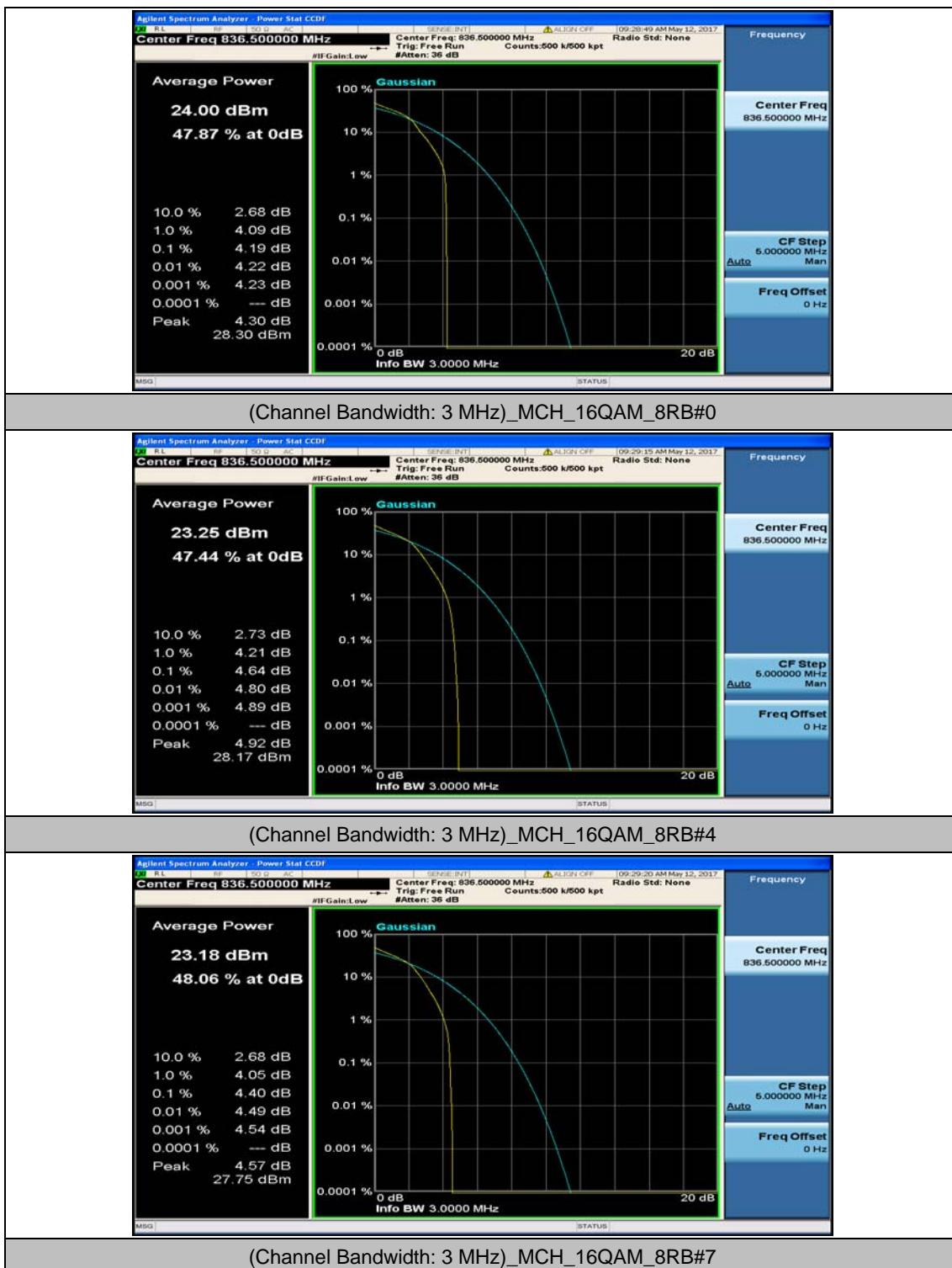


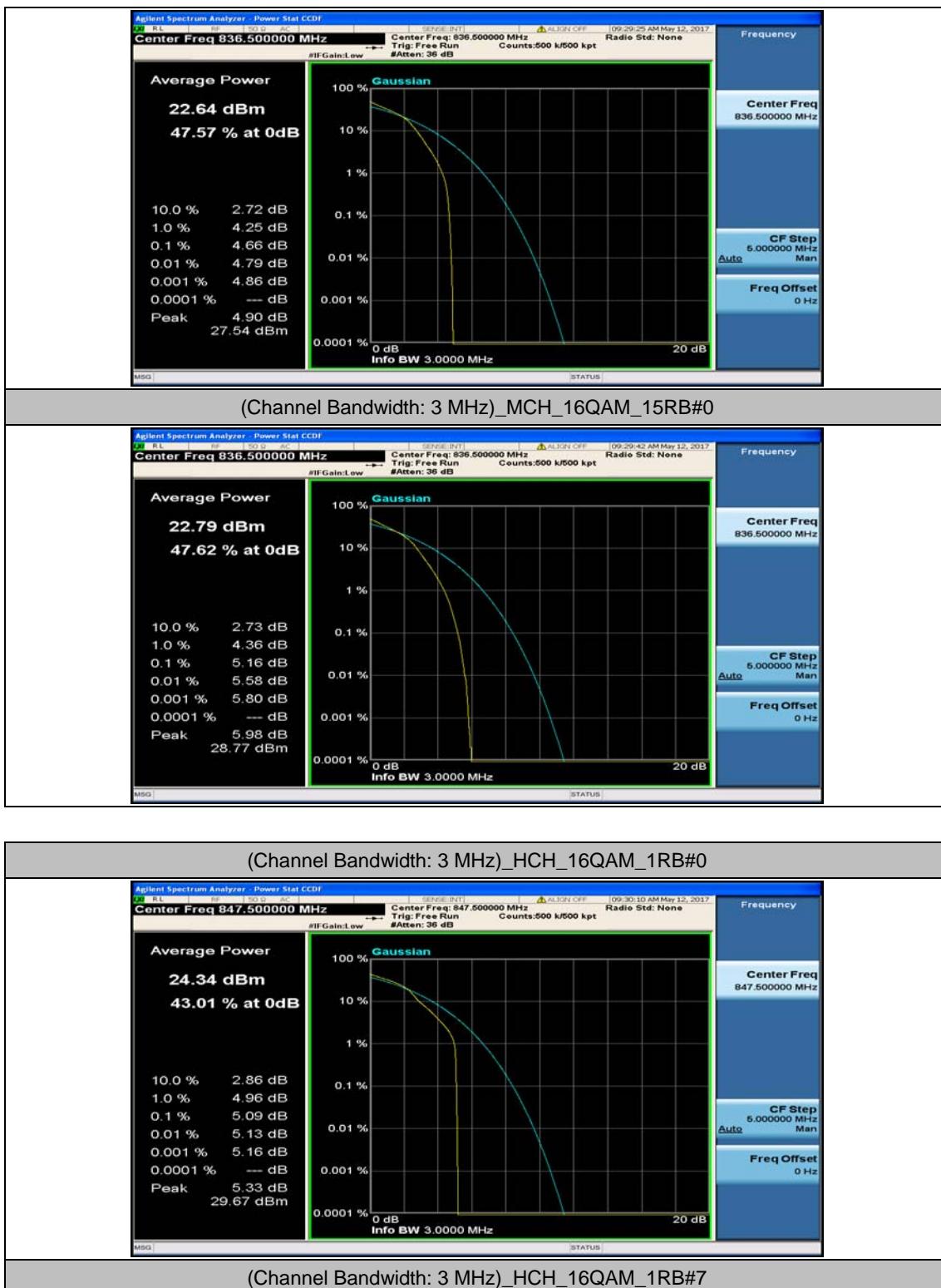


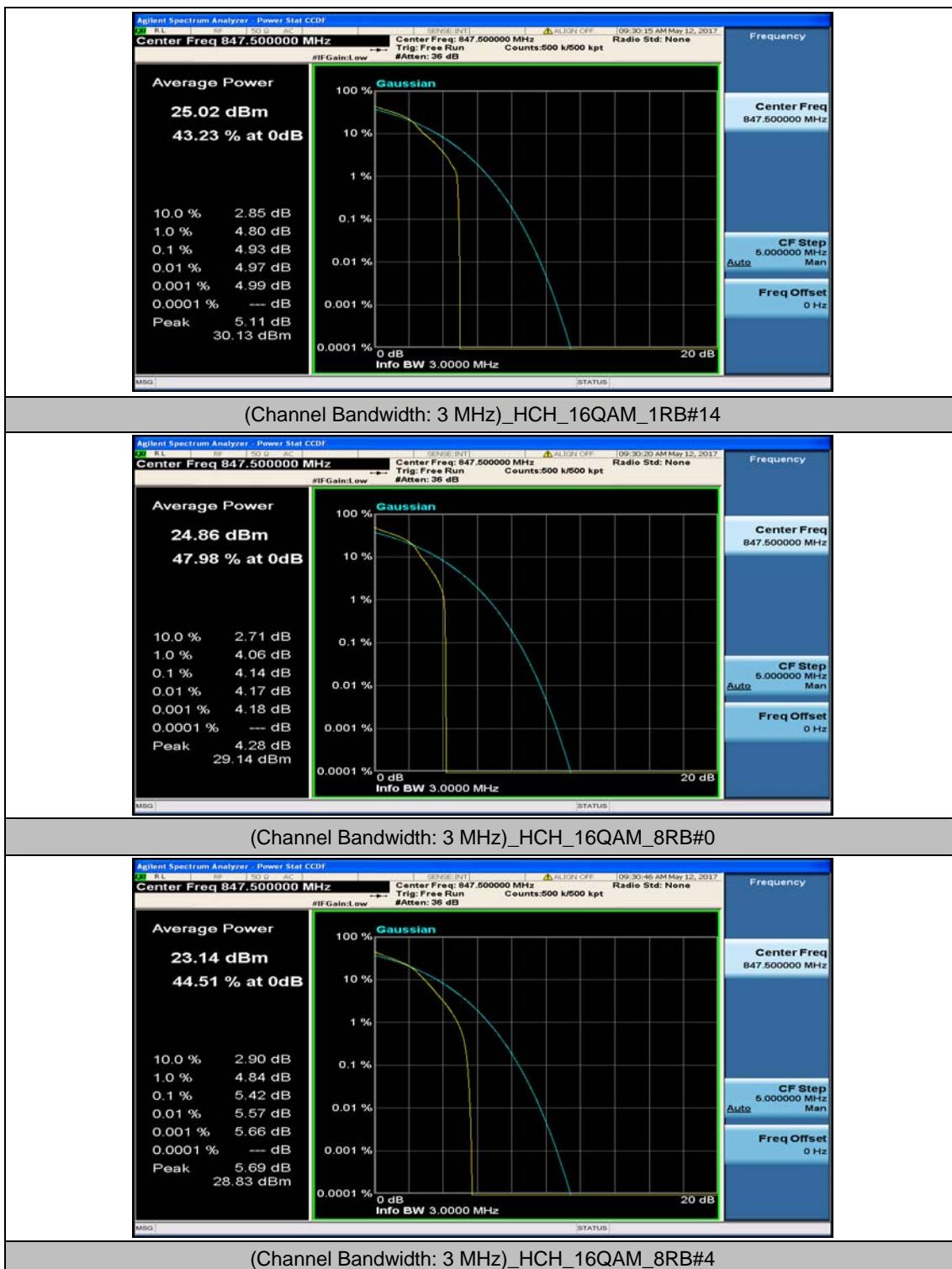


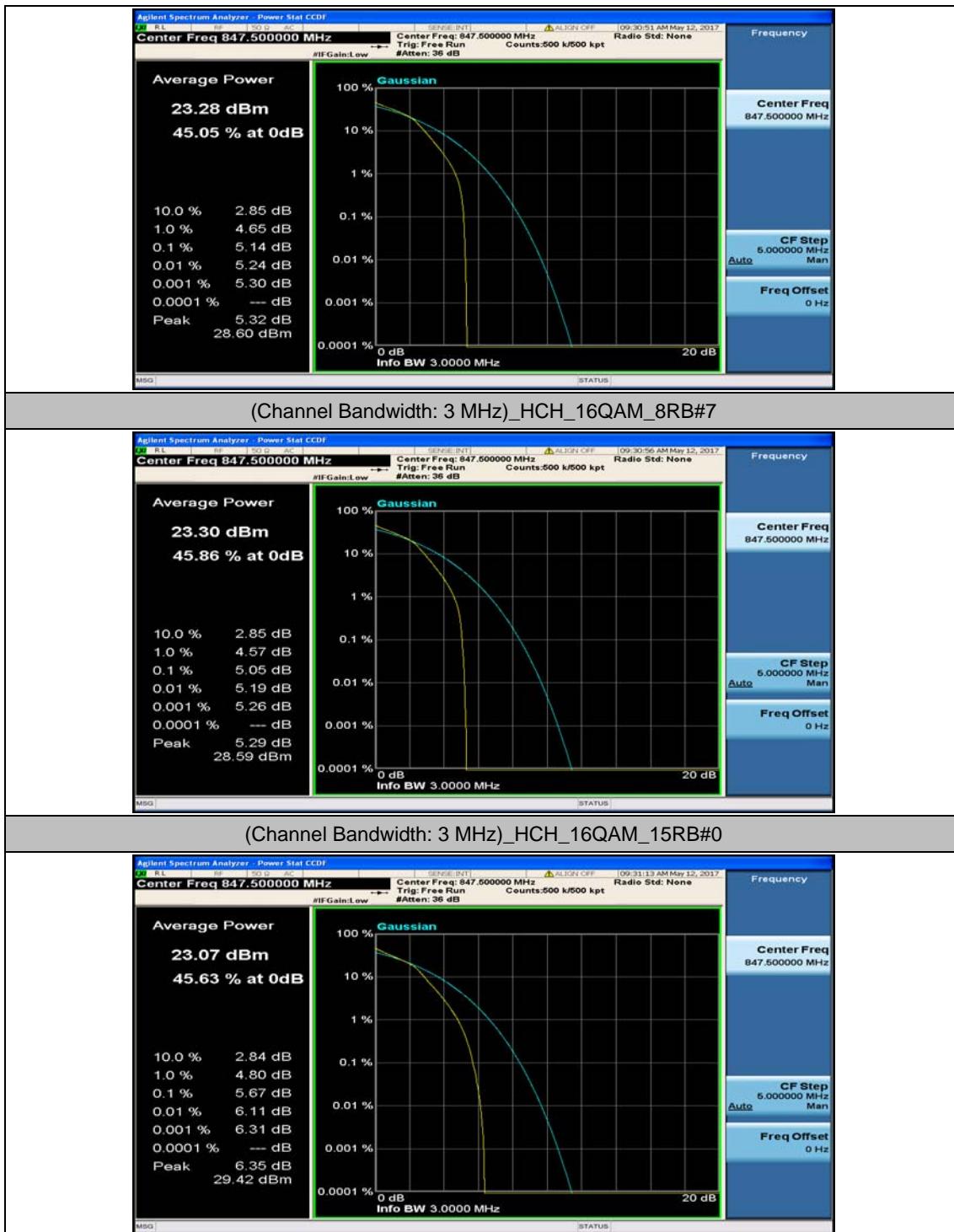






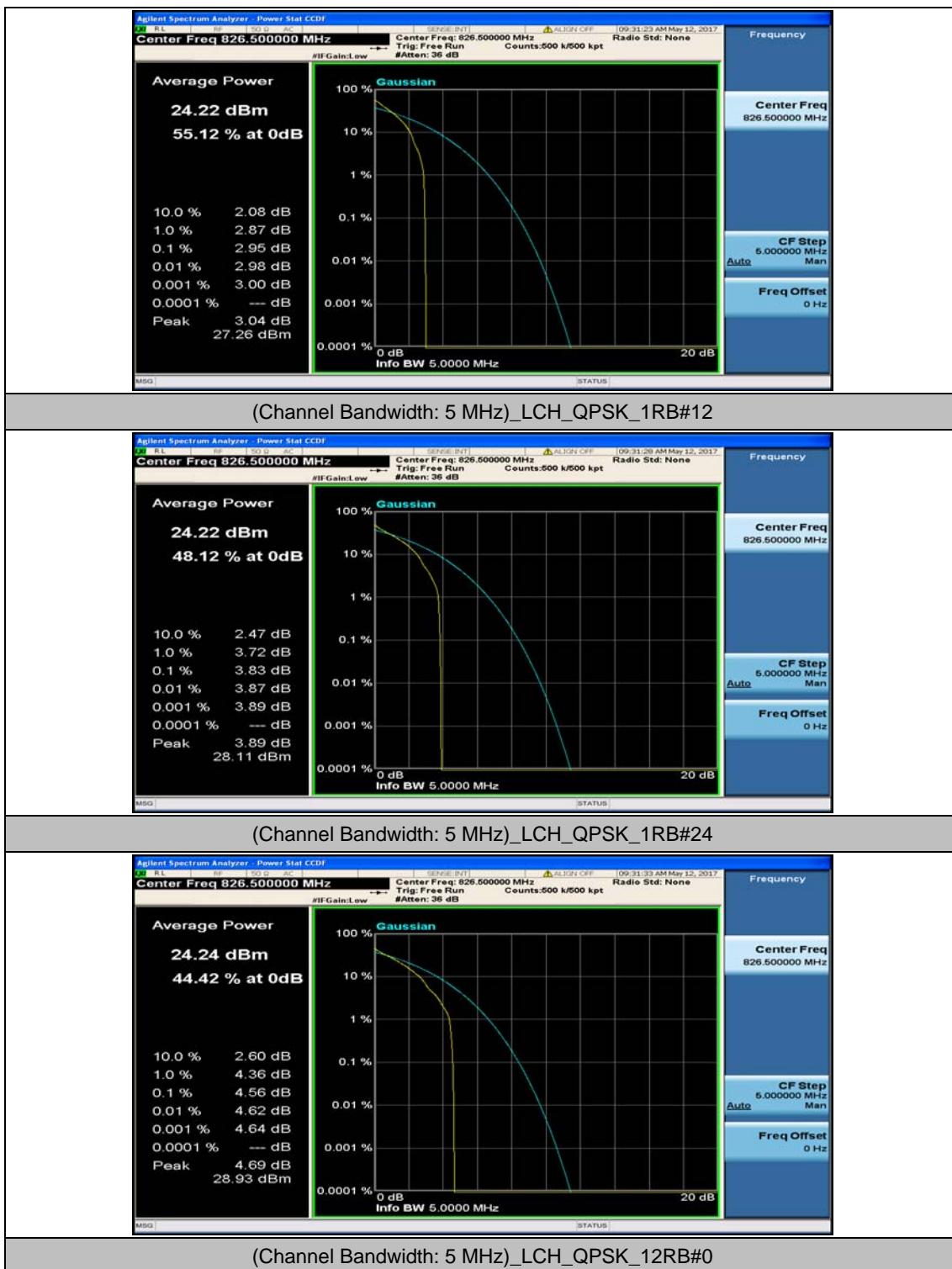


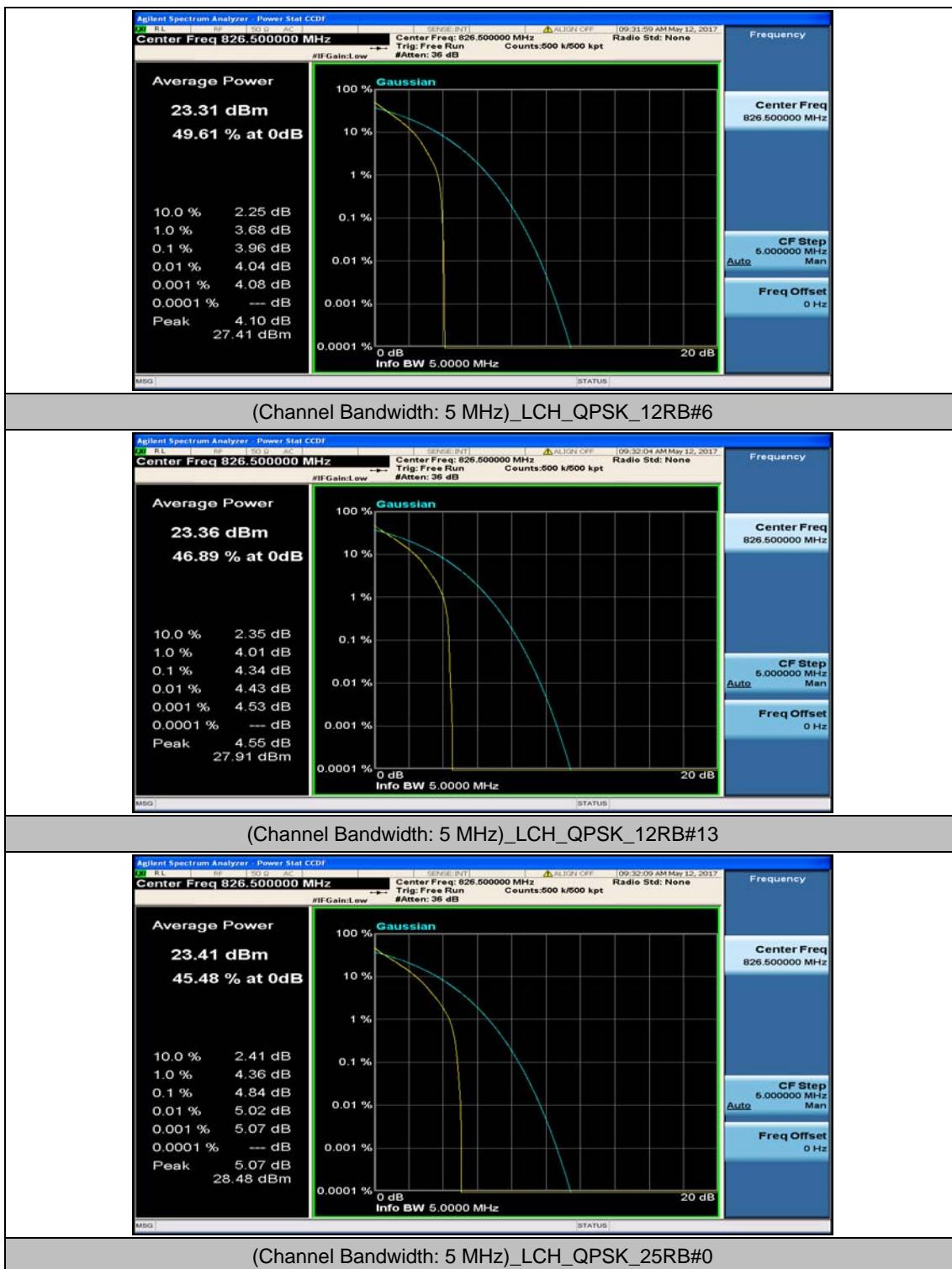


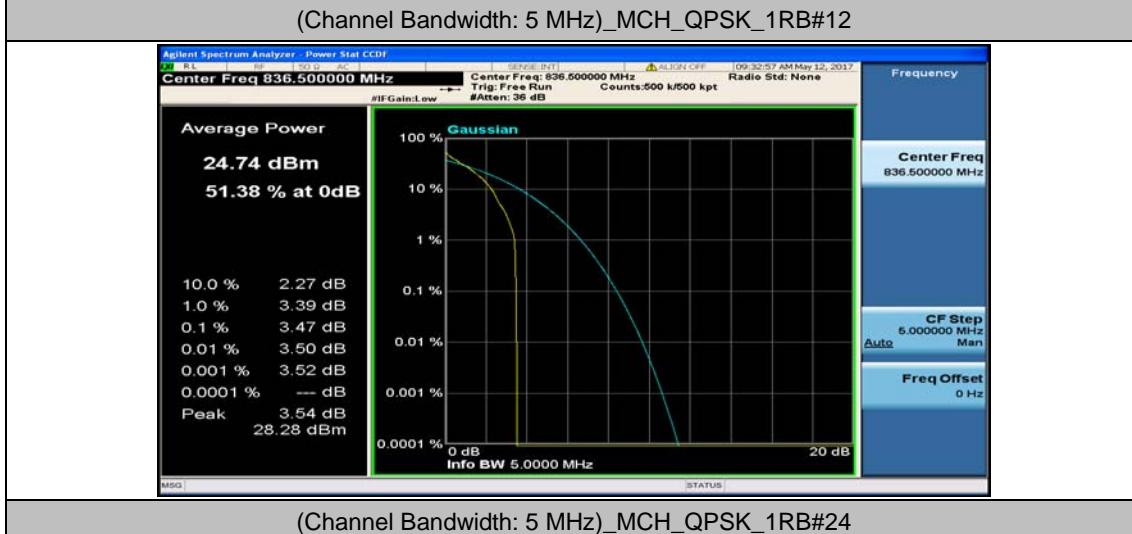
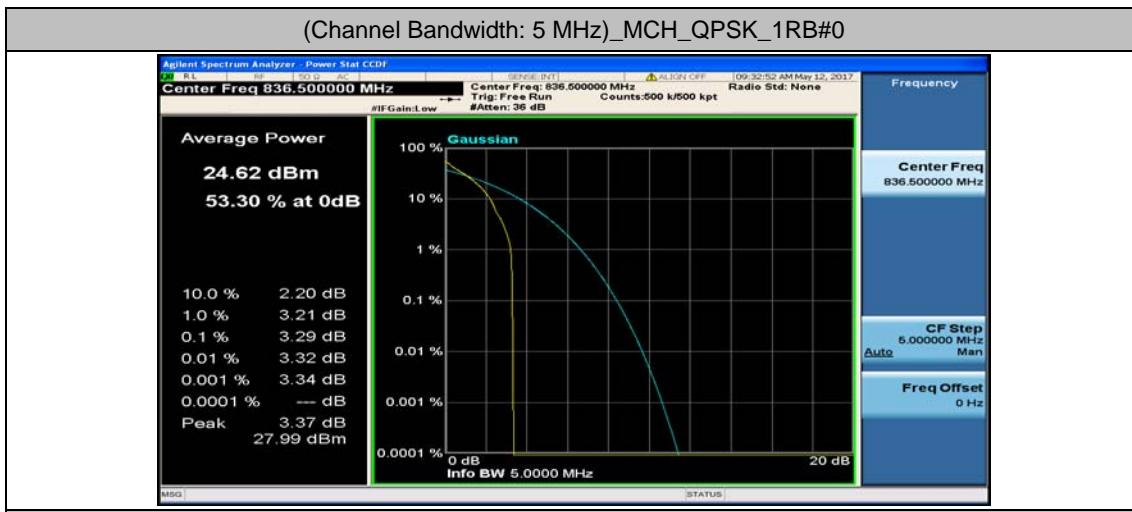
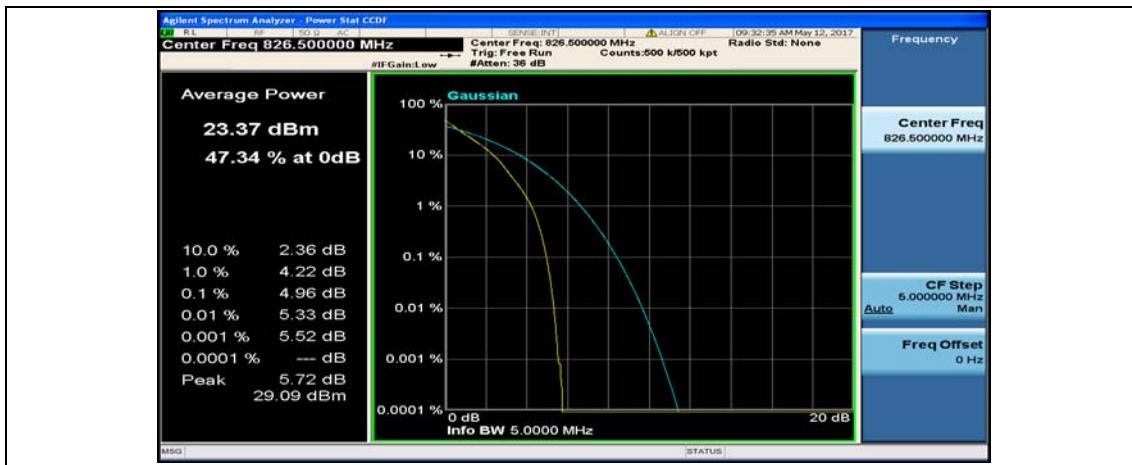


## Channel Bandwidth: 5 MHz

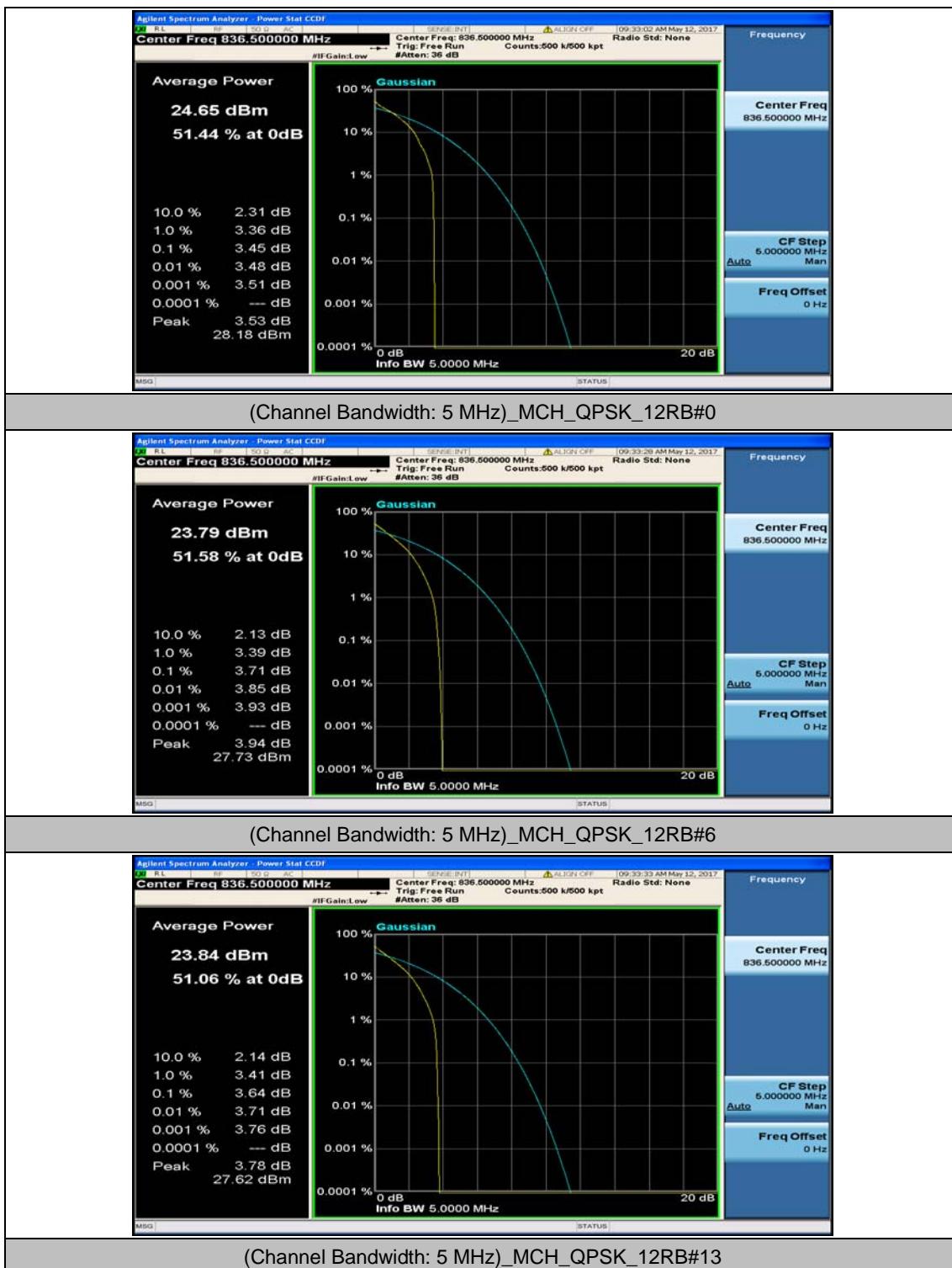
(Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_1RB#0

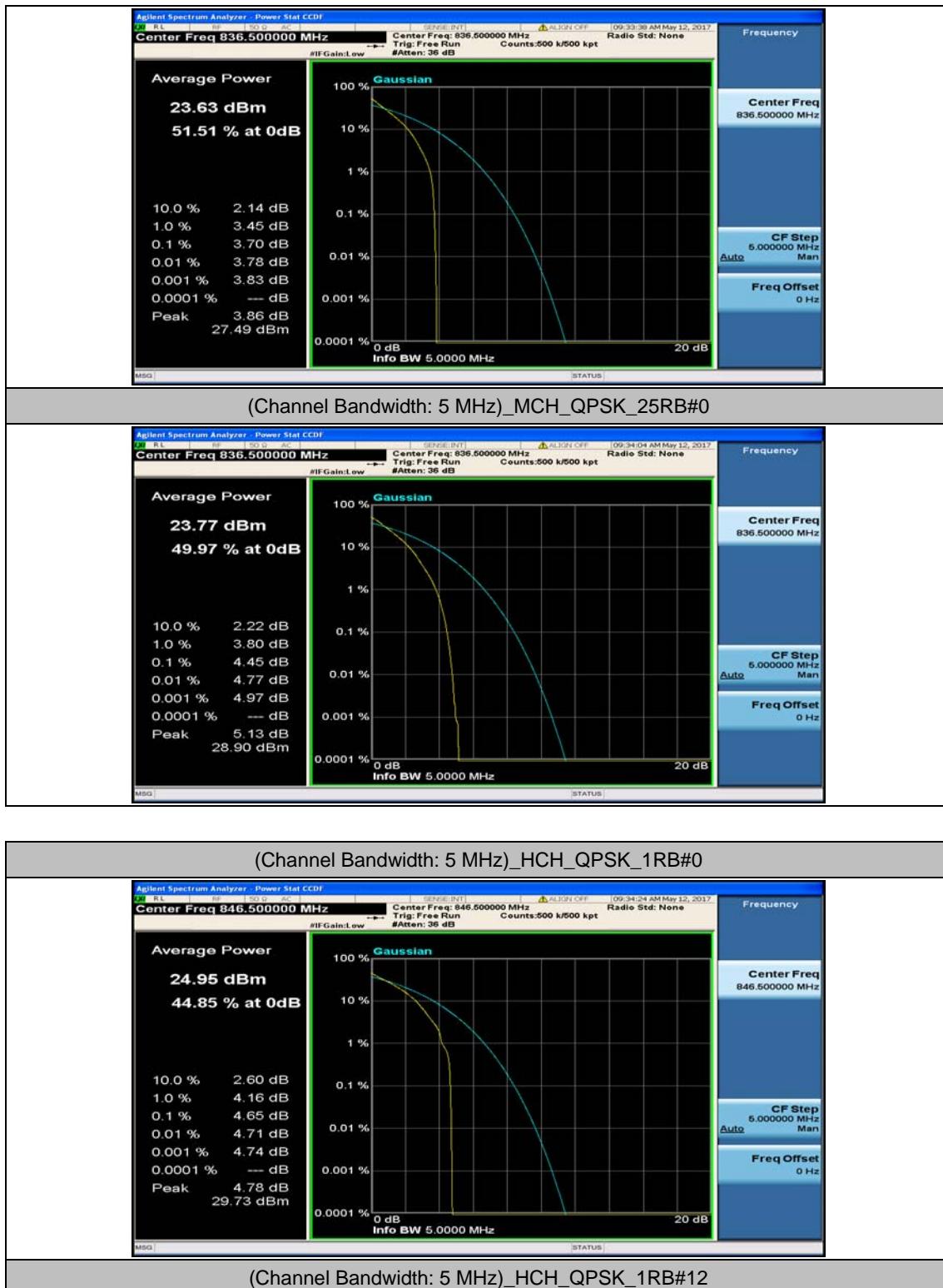


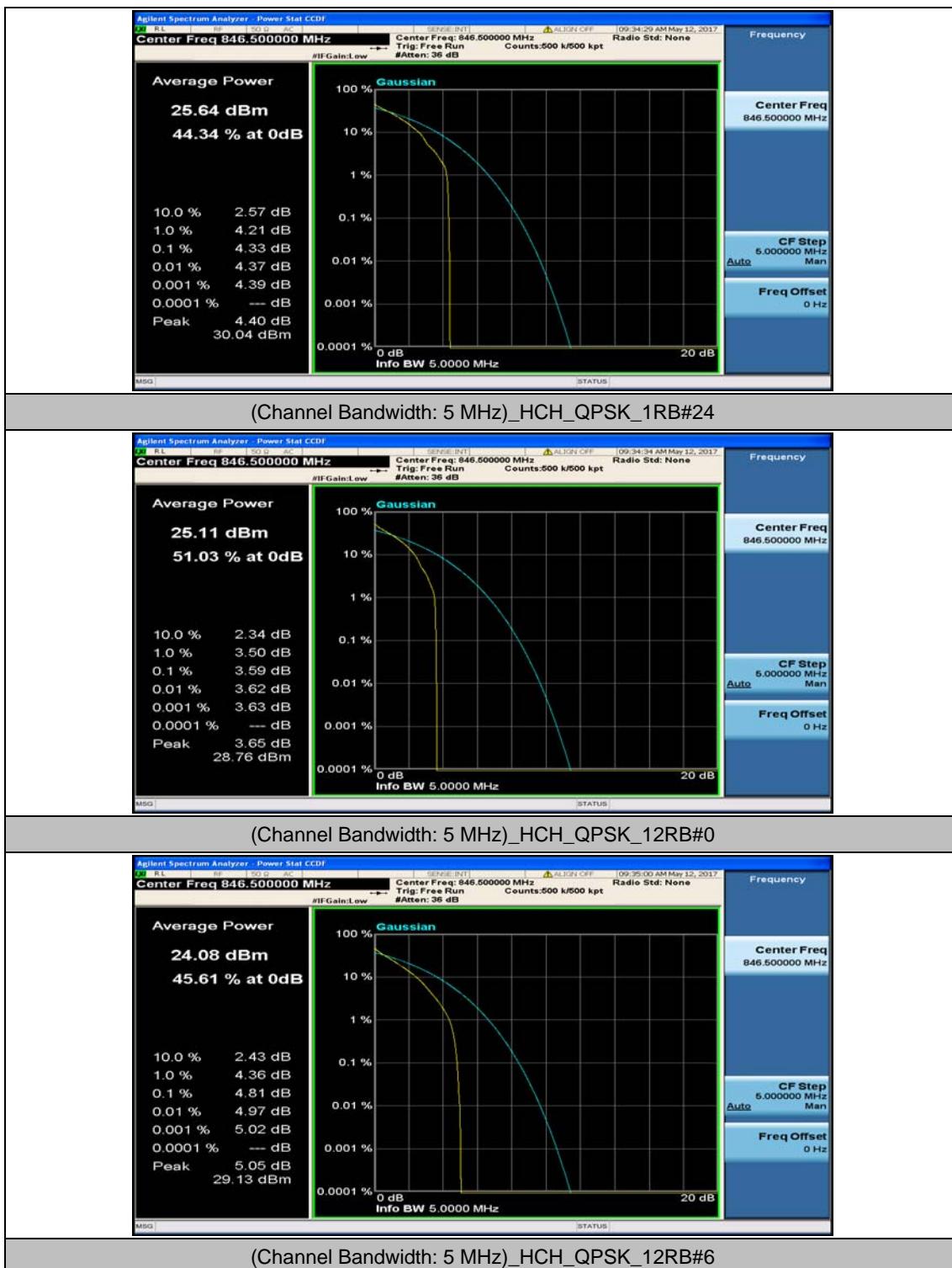


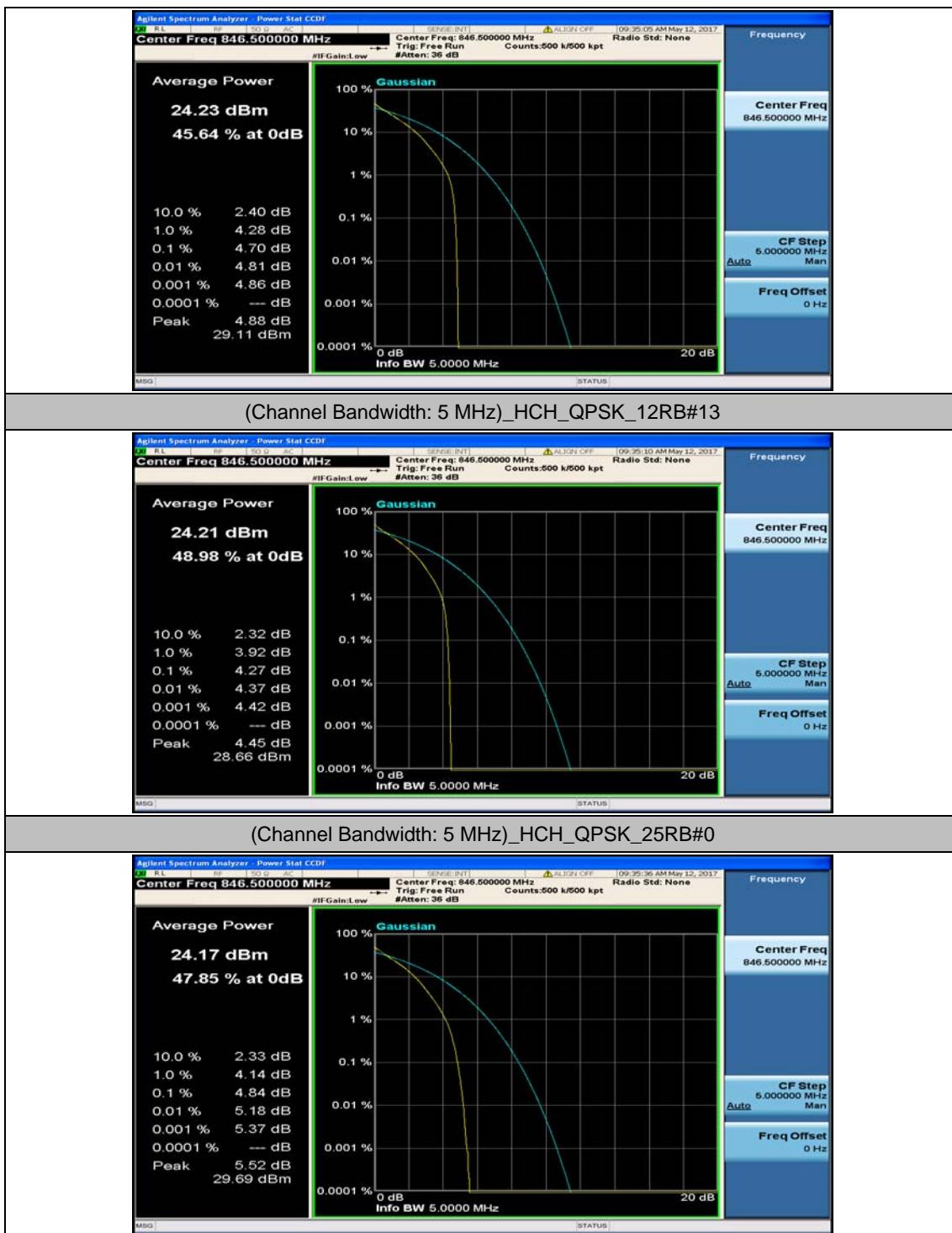


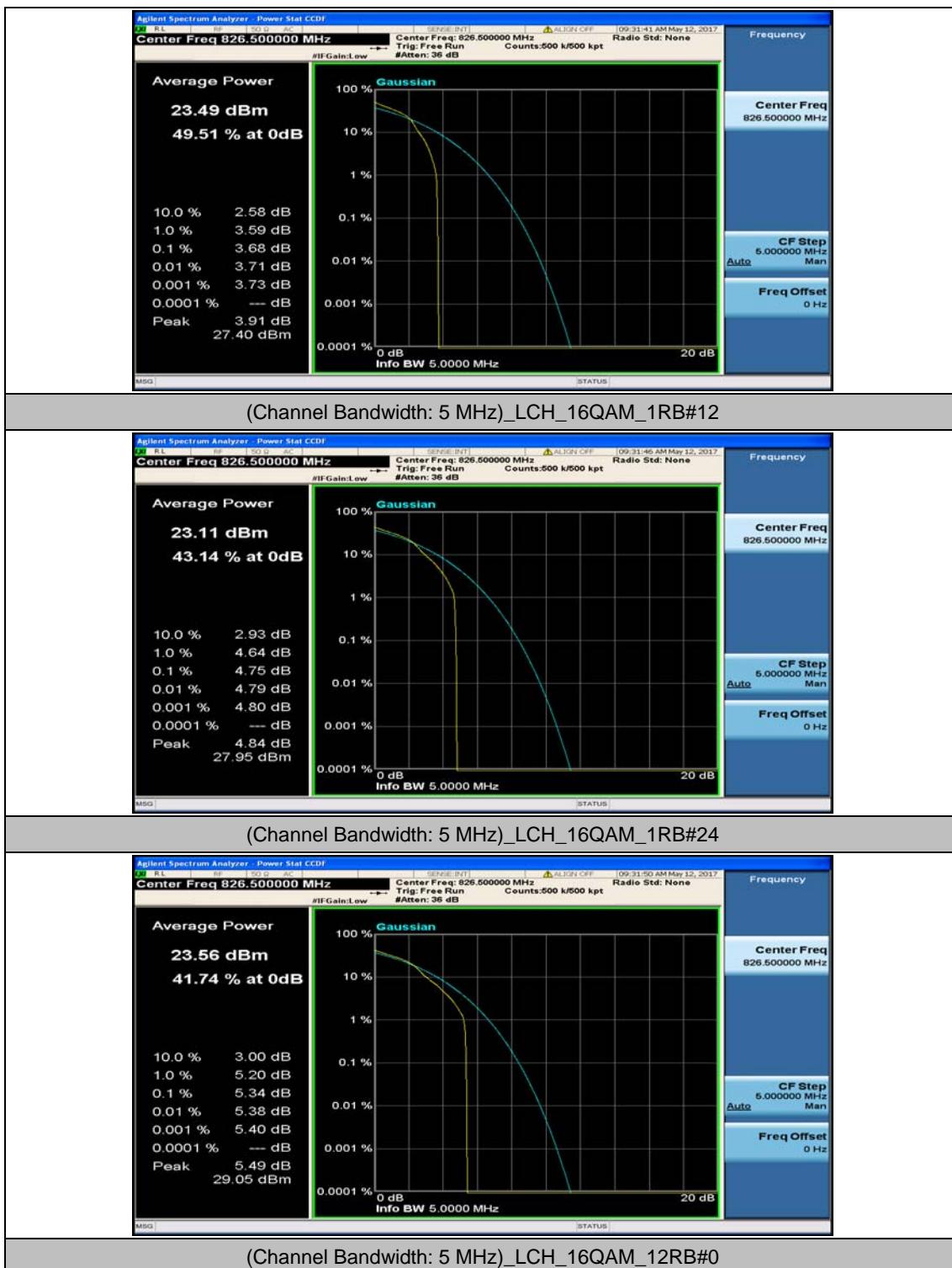
(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_1RB#24

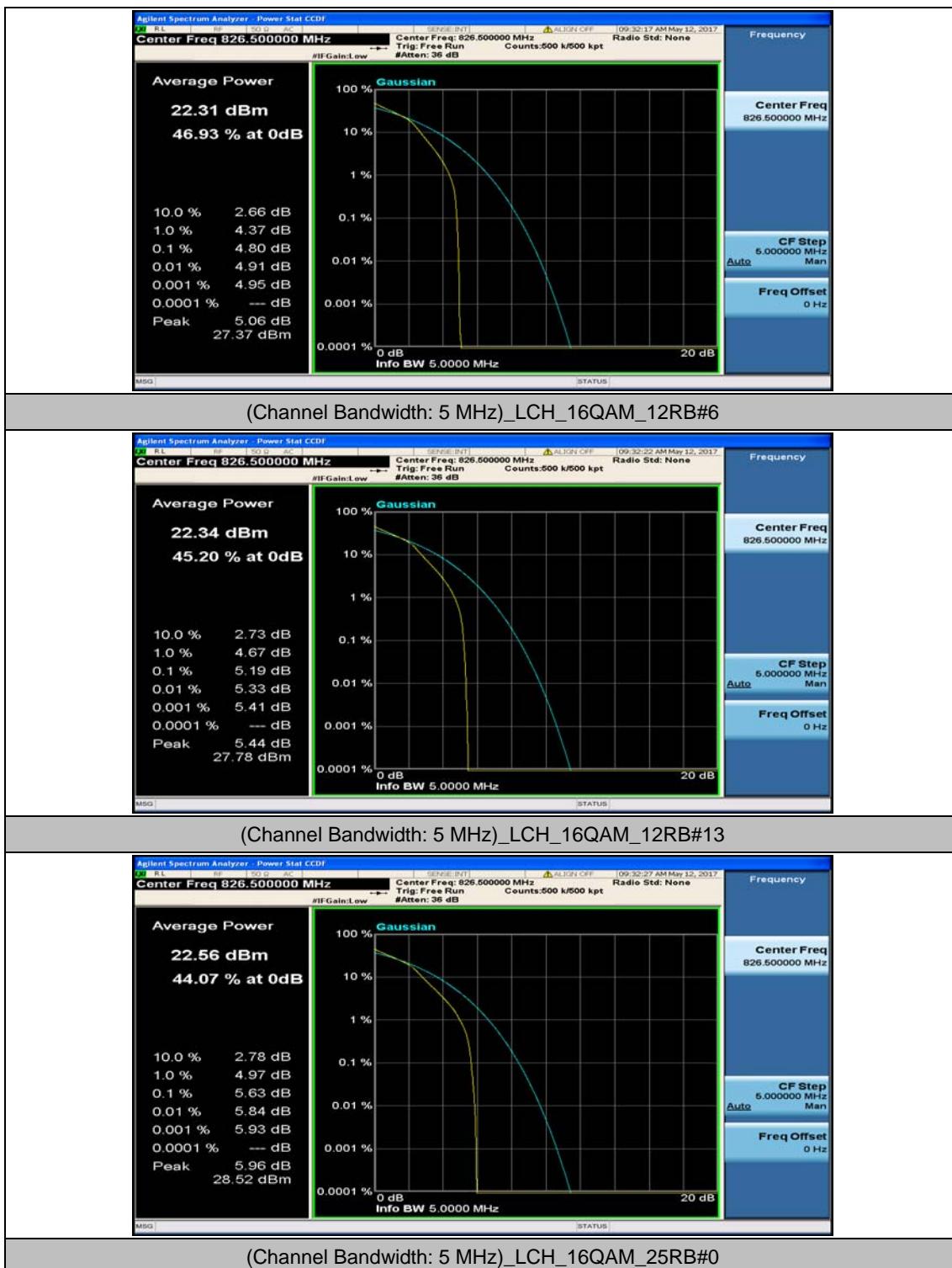


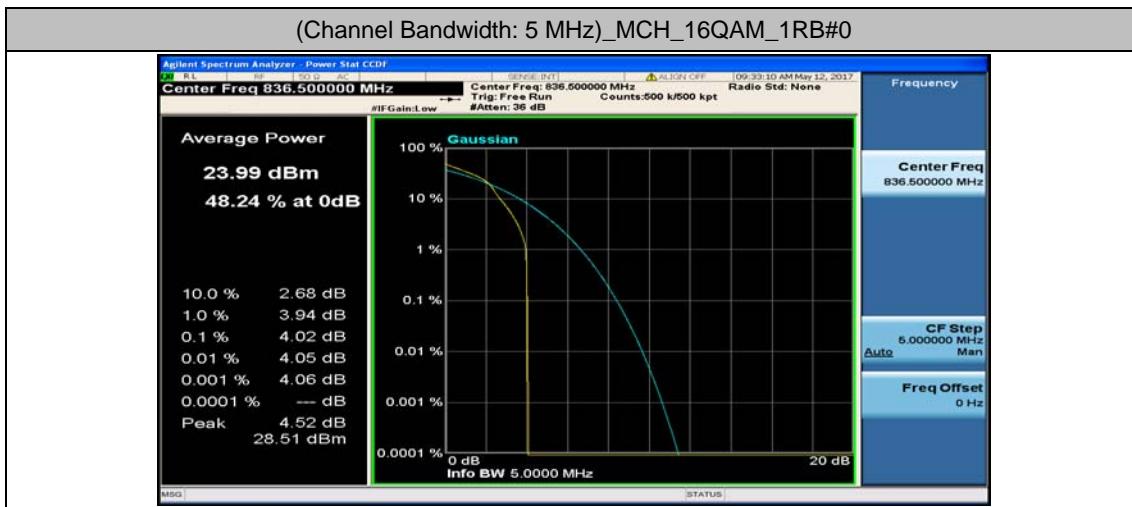
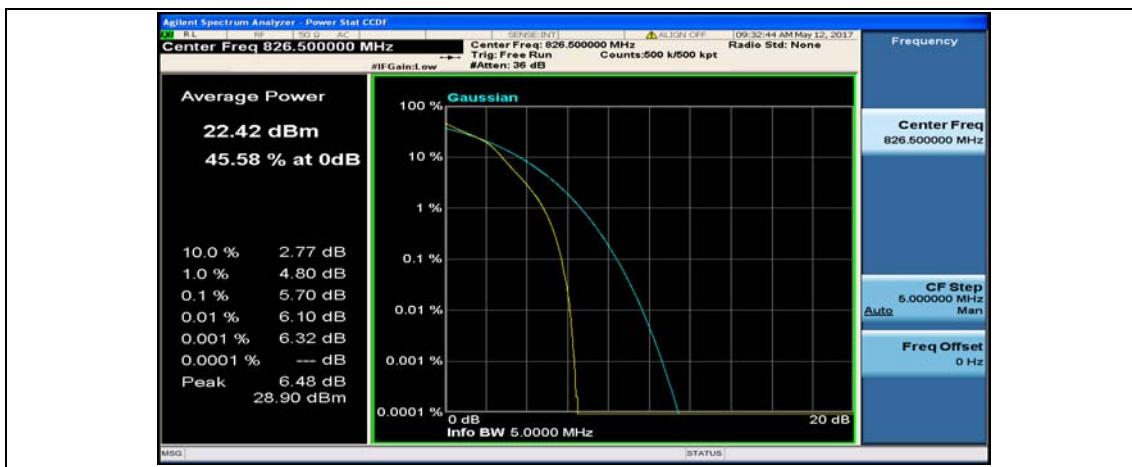




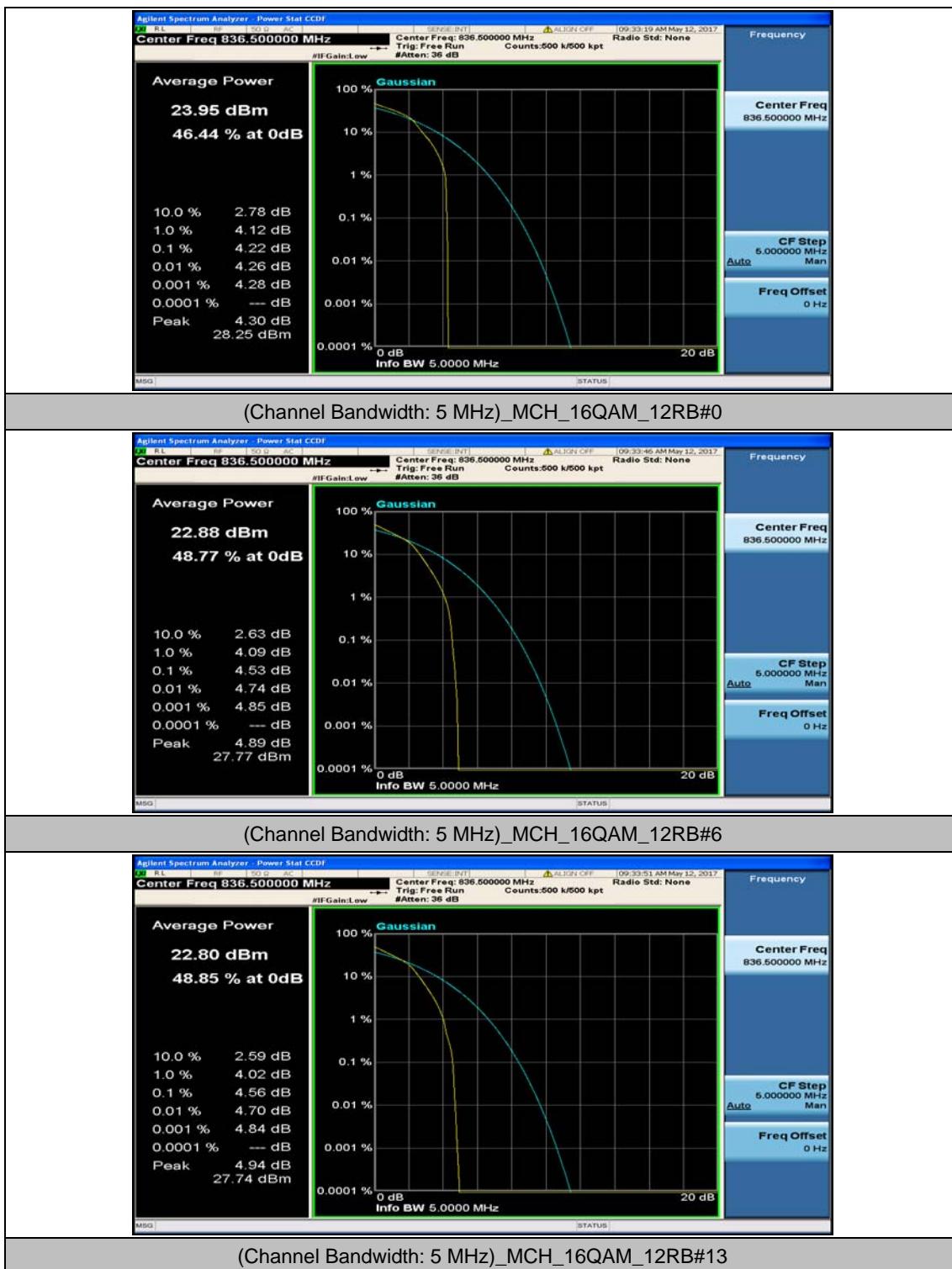


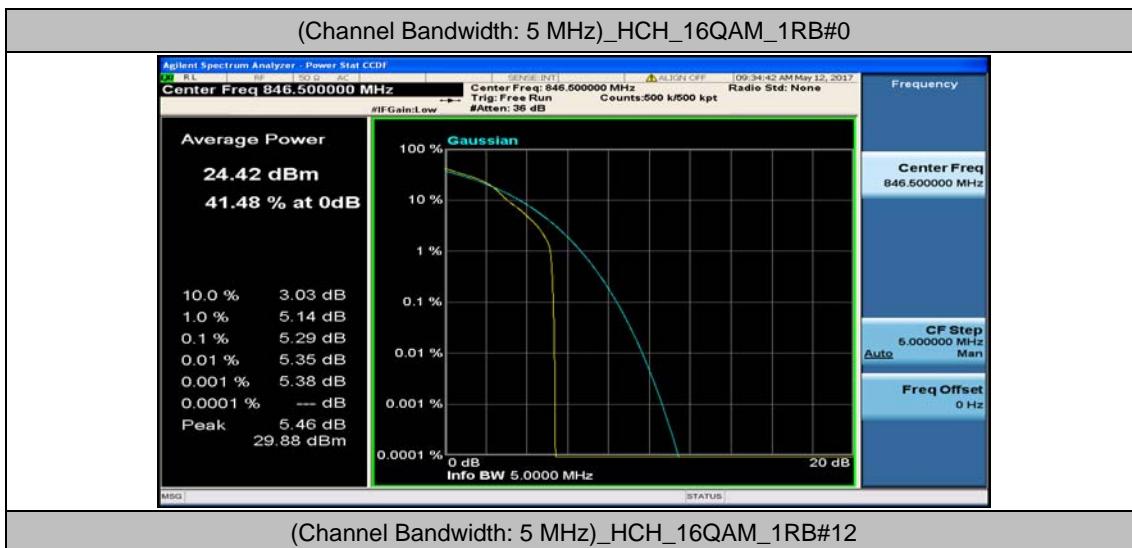
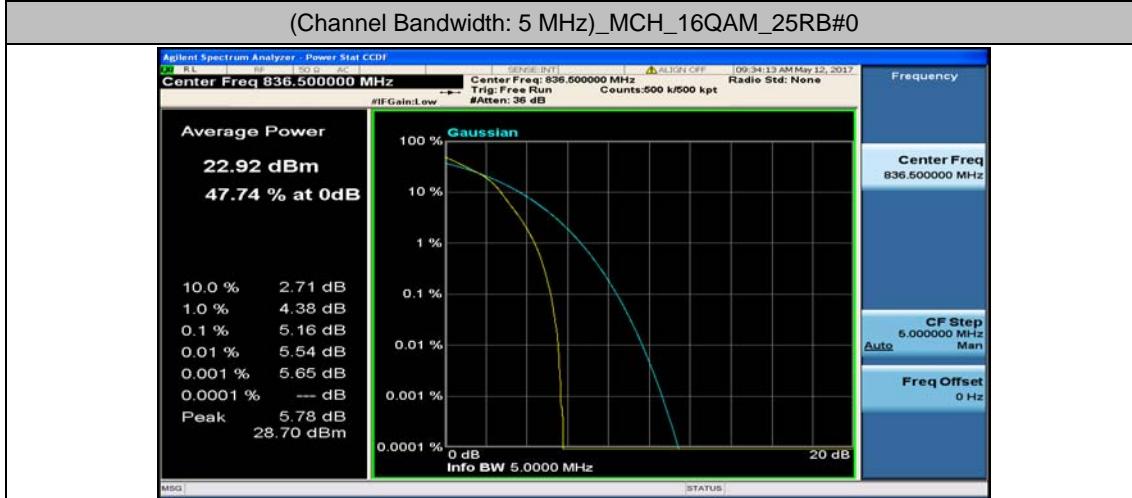
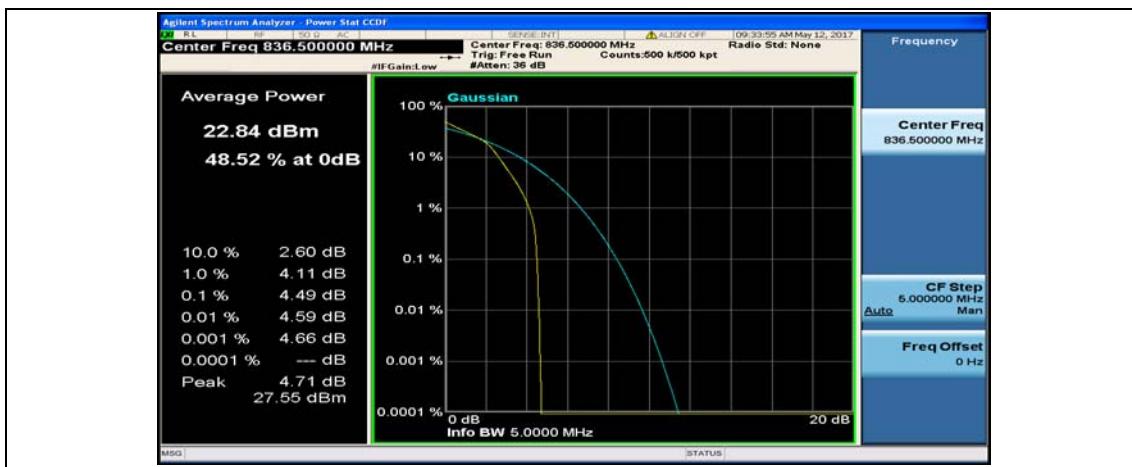


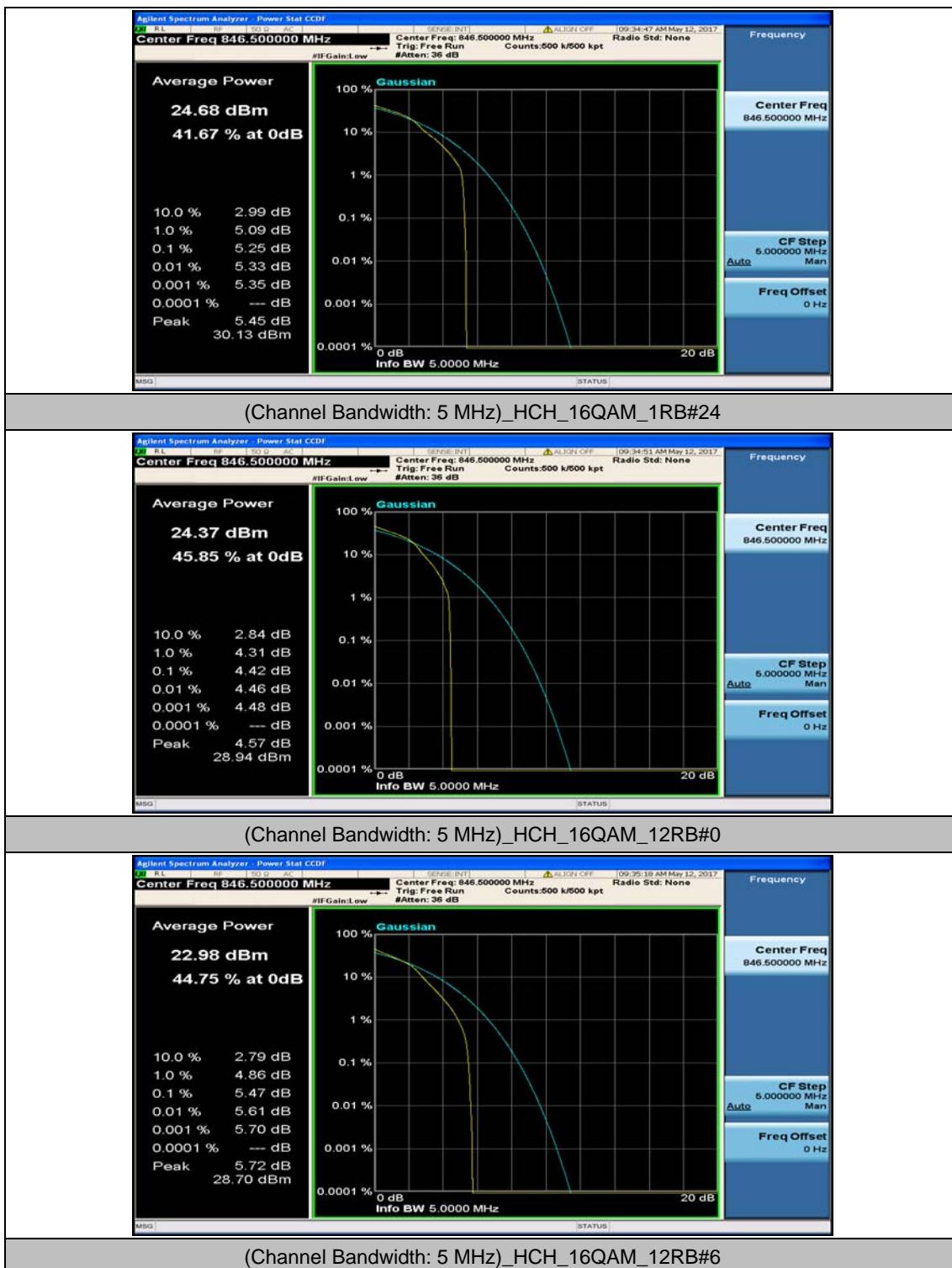


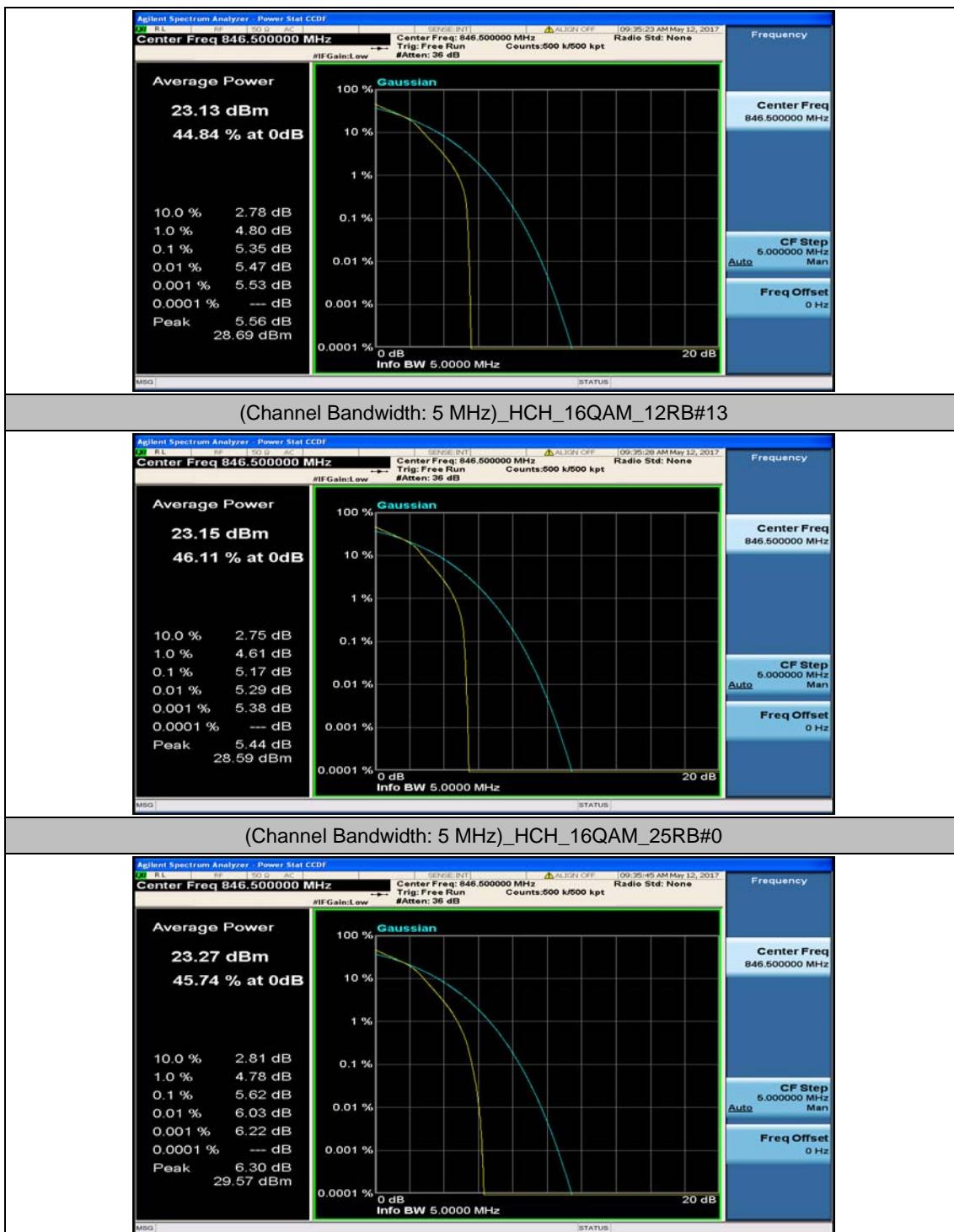


**(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_1RB#24**









## Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz\_LCH\_QPSK\_1RB#0