

## 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	21.96	PASS
		1	3	21.81	PASS
		1	5	21.61	PASS
		3	0	20.91	PASS
		3	2	20.80	PASS
		3	3	20.73	PASS
		6	0	20.83	PASS
	MCH	1	0	21.68	PASS
		1	3	21.57	PASS
		1	5	21.24	PASS
		3	0	20.58	PASS
		3	2	20.58	PASS
		3	3	20.42	PASS
		6	0	20.51	PASS
16QAM	HCH	1	0	21.44	PASS
		1	3	21.43	PASS
		1	5	21.60	PASS
		3	0	20.42	PASS
		3	2	20.44	PASS
		3	3	20.52	PASS
		6	0	20.48	PASS
	LCH	1	0	21.27	PASS
		1	3	21.16	PASS
		1	5	20.97	PASS
		3	0	19.95	PASS
		3	2	19.87	PASS
		3	3	19.77	PASS
		6	0	19.85	PASS
	MCH	1	0	21.03	PASS
		1	3	20.85	PASS
		1	5	20.51	PASS
		3	0	19.66	PASS
		3	2	19.62	PASS

		3	3	19.44	PASS
		6	0	19.53	PASS
HCH	1	0	20.69	PASS	
	1	3	20.73	PASS	
	1	5	20.95	PASS	
	3	0	19.44	PASS	
	3	2	19.50	PASS	
	3	3	19.55	PASS	
	6	0	19.49	PASS	

### Channel Bandwidth: 3 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	21.84	PASS
		1	7	21.95	PASS
		1	14	21.78	PASS
		8	0	20.96	PASS
		8	4	20.93	PASS
		8	7	20.91	PASS
		15	0	20.93	PASS
	MCH	1	0	21.49	PASS
		1	7	21.61	PASS
		1	14	21.41	PASS
		8	0	20.61	PASS
		8	4	20.62	PASS
		8	7	20.61	PASS
		15	0	20.59	PASS
	HCH	1	0	21.45	PASS
		1	7	21.62	PASS
		1	14	21.55	PASS
		8	0	20.50	PASS
		8	4	20.52	PASS
		8	7	20.56	PASS
		15	0	20.51	PASS
16QAM	LCH	1	0	21.16	PASS
		1	7	21.29	PASS
		1	14	21.11	PASS
		8	0	20.04	PASS
		8	4	20.04	PASS
		8	7	20.00	PASS
		15	0	19.95	PASS
	MCH	1	0	20.80	PASS

		1	7	20.87	PASS
		1	14	20.65	PASS
		8	0	19.67	PASS
		8	4	19.67	PASS
		8	7	19.62	PASS
		15	0	19.58	PASS
	HCH	1	0	20.76	PASS
		1	7	20.93	PASS
		1	14	20.85	PASS
		8	0	19.56	PASS
		8	4	19.61	PASS
		8	7	19.60	PASS
		15	0	19.50	PASS

### Channel Bandwidth: 5 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	21.92	PASS
		1	12	21.95	PASS
		1	24	21.76	PASS
		12	0	20.95	PASS
		12	6	20.90	PASS
		12	13	20.80	PASS
		25	0	20.84	PASS
	MCH	1	0	21.60	PASS
		1	12	21.67	PASS
		1	24	21.41	PASS
		12	0	20.62	PASS
		12	6	20.65	PASS
		12	13	20.57	PASS
		25	0	20.55	PASS
	HCH	1	0	21.45	PASS
		1	12	21.63	PASS
		1	24	21.62	PASS
		12	0	20.51	PASS
		12	6	20.55	PASS
		12	13	20.61	PASS
		25	0	20.47	PASS
16QAM	LCH	1	0	21.35	PASS
		1	12	21.43	PASS
		1	24	21.25	PASS
		12	0	20.14	PASS

		12	6	20.10	PASS
		12	13	20.03	PASS
		25	0	19.93	PASS
MCH	MCH	1	0	21.03	PASS
		1	12	21.05	PASS
		1	24	20.77	PASS
		12	0	19.81	PASS
		12	6	19.82	PASS
		12	13	19.74	PASS
		25	0	19.62	PASS
HCH	HCH	1	0	20.89	PASS
		1	12	21.09	PASS
		1	24	21.09	PASS
		12	0	19.69	PASS
		12	6	19.74	PASS
		12	13	19.79	PASS
		25	0	19.54	PASS

### Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.36	PASS
		1	24	22.41	PASS
		1	49	22.34	PASS
		25	0	21.95	PASS
		25	12	21.92	PASS
		25	25	21.92	PASS
		50	0	20.91	PASS
	MCH	1	0	21.52	PASS
		1	24	21.61	PASS
		1	49	21.55	PASS
		25	0	21.61	PASS
		25	12	21.54	PASS
		25	25	21.61	PASS
		50	0	20.53	PASS
	HCH	1	0	21.51	PASS
		1	24	21.59	PASS
		1	49	21.51	PASS
		25	0	21.51	PASS
		25	12	21.52	PASS
		25	25	21.58	PASS
		50	0	20.51	PASS

16QAM	LCH	1	0	21.62	PASS
		1	24	21.91	PASS
		1	49	21.45	PASS
		25	0	21.11	PASS
		25	12	21.06	PASS
		25	25	21.08	PASS
		50	0	19.91	PASS
	MCH	1	0	20.91	PASS
		1	24	21.03	PASS
		1	49	20.91	PASS
		25	0	20.60	PASS
		25	12	20.56	PASS
		25	25	20.61	PASS
		50	0	19.50	PASS
	HCH	1	0	20.77	PASS
		1	24	20.92	PASS
		1	49	20.79	PASS
		25	0	20.75	PASS
		25	12	20.72	PASS
		25	25	20.76	PASS
		50	0	19.51	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	5.04	<13	PASS
		1	3	5.02	<13	PASS
		1	5	5.39	<13	PASS
		3	0	5.13	<13	PASS
		3	2	5.11	<13	PASS
		3	3	5.2	<13	PASS
		6	0	5.59	<13	PASS
	MCH	1	0	5.06	<13	PASS
		1	3	4.75	<13	PASS
		1	5	4.65	<13	PASS
		3	0	4.88	<13	PASS
		3	2	4.79	<13	PASS
		3	3	4.67	<13	PASS
		6	0	5.4	<13	PASS
16QAM	LCH	1	0	5.69	<13	PASS
		1	3	6.09	<13	PASS
		1	5	5.74	<13	PASS
		3	0	6	<13	PASS
		3	2	5.95	<13	PASS
		3	3	6.09	<13	PASS
		6	0	6.11	<13	PASS
	MCH	1	0	5.8	<13	PASS
		1	3	5.87	<13	PASS
		1	5	6.13	<13	PASS
		3	0	6.08	<13	PASS
		3	2	6.21	<13	PASS
		3	3	6.25	<13	PASS
		6	0	6.55	<13	PASS

		3	2	5.81	<13	PASS
		3	3	5.72	<13	PASS
		6	0	6.36	<13	PASS
HCH		1	0	6.65	<13	PASS
		1	3	6.86	<13	PASS
		1	5	6.91	<13	PASS
		3	0	7.01	<13	PASS
		3	2	7	<13	PASS
		3	3	7.13	<13	PASS
		6	0	7.03	<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	4.79	<13	PASS
		1	7	5.28	<13	PASS
		1	14	5.81	<13	PASS
		8	0	5.8	<13	PASS
		8	4	5.81	<13	PASS
		8	7	5.96	<13	PASS
		15	0	5.8	<13	PASS
	MCH	1	0	5.2	<13	PASS
		1	7	4.66	<13	PASS
		1	14	4.44	<13	PASS
		8	0	5.53	<13	PASS
		8	4	5.26	<13	PASS
		8	7	5.27	<13	PASS
		15	0	5.36	<13	PASS
	HCH	1	0	5.6	<13	PASS
		1	7	6.06	<13	PASS
		1	14	6.23	<13	PASS
		8	0	6.16	<13	PASS
		8	4	6.24	<13	PASS
		8	7	6.21	<13	PASS
		15	0	6.11	<13	PASS
16QAM	LCH	1	0	5.78	<13	PASS
		1	7	6.24	<13	PASS
		1	14	6.83	<13	PASS
		8	0	6.29	<13	PASS
		8	4	6.54	<13	PASS

		8	7	6.7	<13	PASS
		15	0	6.66	<13	PASS
MCH	1	0	5.93	<13	PASS	
	1	7	5.66	<13	PASS	
	1	14	5.29	<13	PASS	
	8	0	6.25	<13	PASS	
	8	4	6.04	<13	PASS	
	8	7	5.99	<13	PASS	
	15	0	6.29	<13	PASS	
HCH	1	0	6.9	<13	PASS	
	1	7	6.91	<13	PASS	
	1	14	7.04	<13	PASS	
	8	0	6.72	<13	PASS	
	8	4	6.86	<13	PASS	
	8	7	6.75	<13	PASS	
	15	0	7.1	<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	4.67	<13	PASS
		1	12	5.49	<13	PASS
		1	24	5.79	<13	PASS
		12	0	5.7	<13	PASS
		12	6	5.95	<13	PASS
		12	13	6.13	<13	PASS
		25	0	5.98	<13	PASS
	MCH	1	0	5.09	<13	PASS
		1	12	4.57	<13	PASS
		1	24	4.23	<13	PASS
		12	0	5.63	<13	PASS
		12	6	5.33	<13	PASS
		12	13	5.11	<13	PASS
		25	0	5.44	<13	PASS
	HCH	1	0	5.07	<13	PASS
		1	12	5.68	<13	PASS
		1	24	5.75	<13	PASS
		12	0	5.89	<13	PASS
		12	6	6.03	<13	PASS
		12	13	6.13	<13	PASS

		25	0	6.07	<13	PASS
16QAM	LCH	1	0	5.66	<13	PASS
		1	12	6.24	<13	PASS
		1	24	6.65	<13	PASS
		12	0	6.54	<13	PASS
		12	6	6.85	<13	PASS
		12	13	6.93	<13	PASS
		25	0	6.81	<13	PASS
	MCH	1	0	6.14	<13	PASS
		1	12	5.5	<13	PASS
		1	24	5.18	<13	PASS
		12	0	6.35	<13	PASS
		12	6	6.17	<13	PASS
		12	13	5.9	<13	PASS
		25	0	6.25	<13	PASS
	HCH	1	0	5.88	<13	PASS
		1	12	6.5	<13	PASS
		1	24	6.63	<13	PASS
		12	0	6.79	<13	PASS
		12	6	6.86	<13	PASS
		12	13	6.94	<13	PASS
		25	0	6.84	<13	PASS

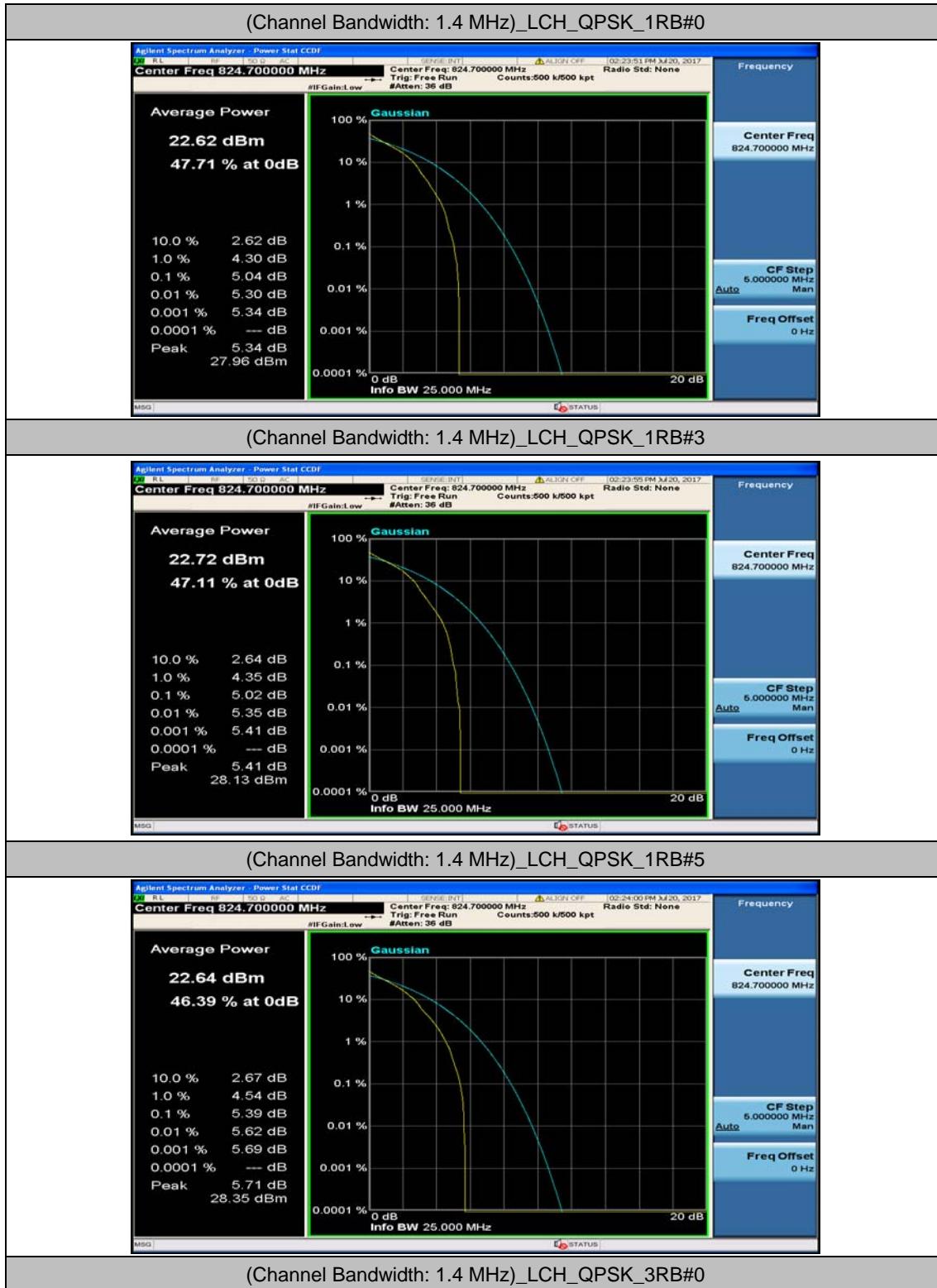
### Channel Bandwidth: 10 MHz

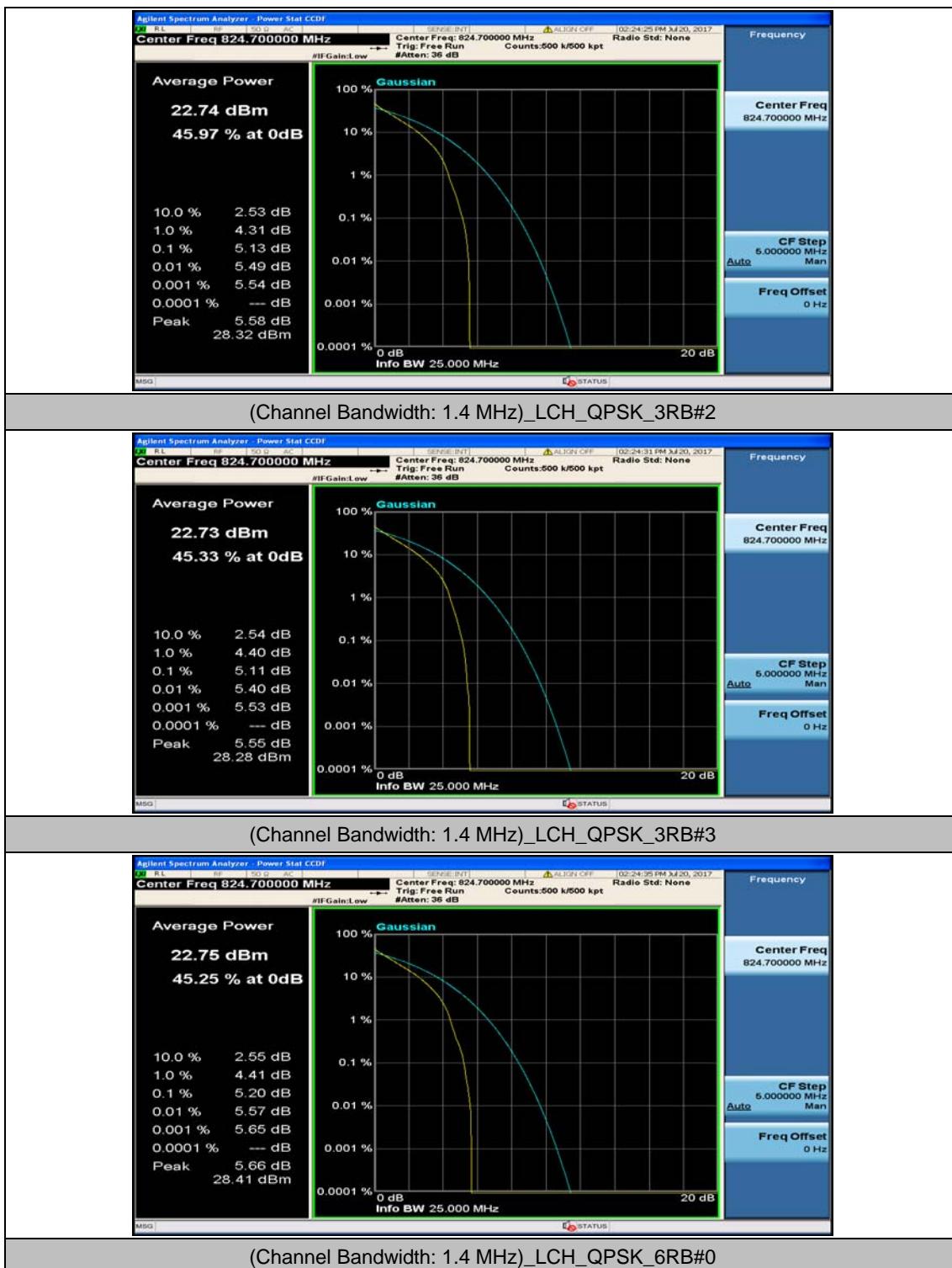
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.93	<13	PASS
		1	24	5.99	<13	PASS
		1	49	5.62	<13	PASS
		25	0	5.94	<13	PASS
		25	12	6.1	<13	PASS
		25	25	6.08	<13	PASS
		50	0	5.91	<13	PASS
	MCH	1	0	5.92	<13	PASS
		1	24	4.6	<13	PASS
		1	49	4.37	<13	PASS
		25	0	5.84	<13	PASS
		25	12	5.36	<13	PASS
		25	25	5.04	<13	PASS
		50	0	5.52	<13	PASS

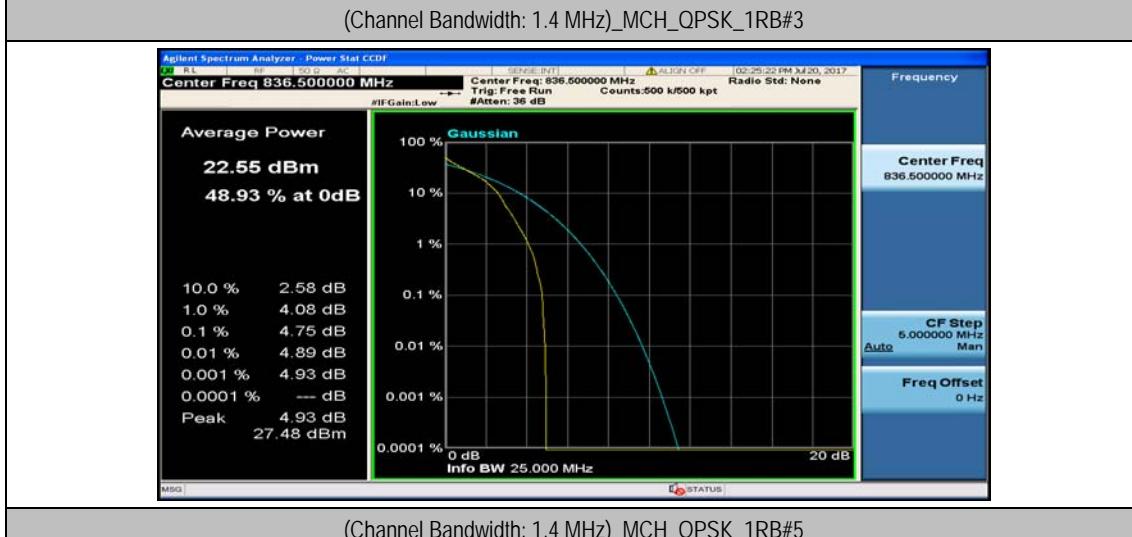
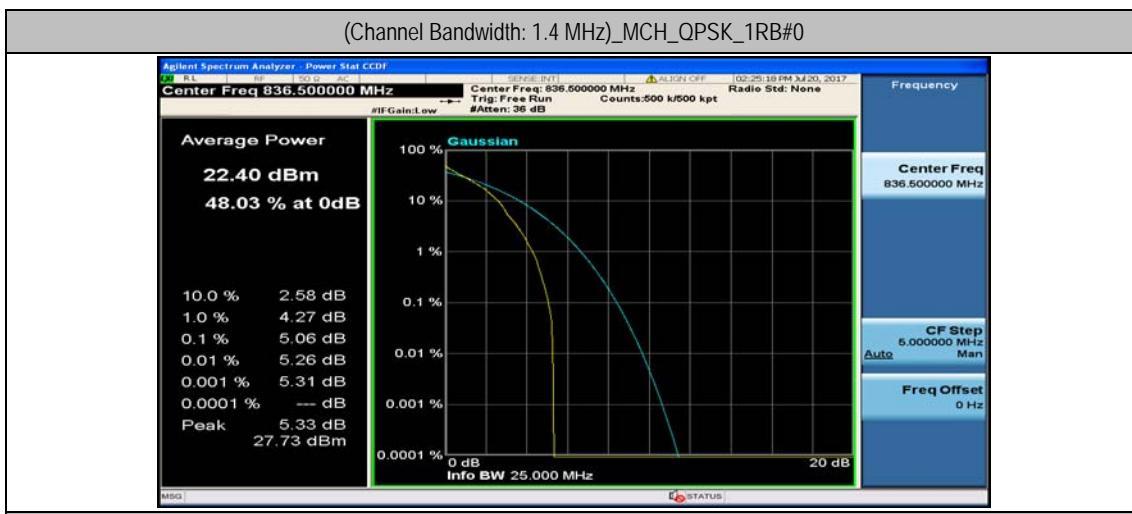
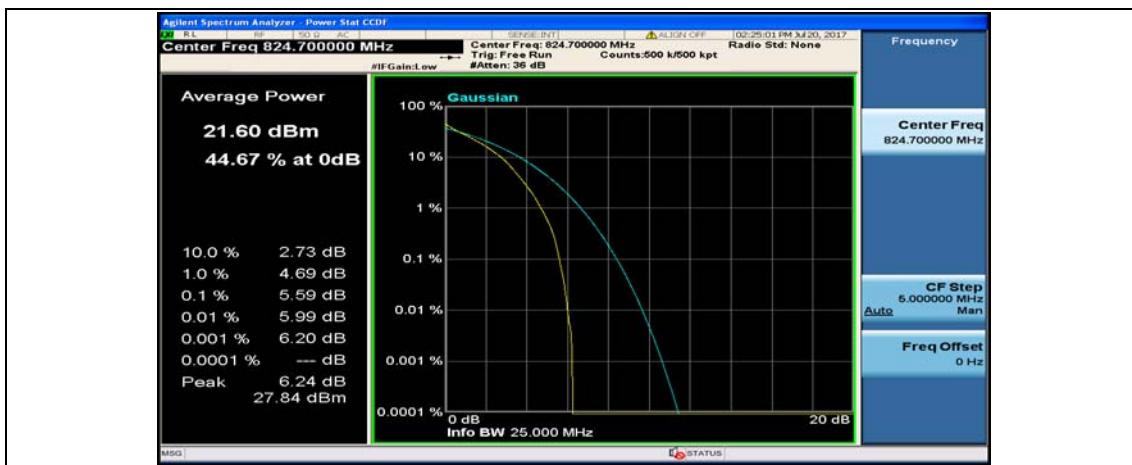
		1	0	4.31	<13	PASS
HCH	LCH	1	24	5	<13	PASS
		1	49	6.08	<13	PASS
		25	0	5.16	<13	PASS
		25	12	5.65	<13	PASS
		25	25	6	<13	PASS
		50	0	5.55	<13	PASS
		1	0	5.83	<13	PASS
16QAM	MCH	1	24	7	<13	PASS
		1	49	6.75	<13	PASS
		25	0	6.78	<13	PASS
		25	12	6.9	<13	PASS
		25	25	6.77	<13	PASS
		50	0	6.65	<13	PASS
		1	0	7.02	<13	PASS
	HCH	1	24	5.68	<13	PASS
		1	49	5.41	<13	PASS
		25	0	6.59	<13	PASS
		25	12	6.29	<13	PASS
		25	25	5.93	<13	PASS
		50	0	6.25	<13	PASS
		1	0	5.29	<13	PASS
	LCH	1	24	6.02	<13	PASS
		1	49	7.2	<13	PASS
		25	0	6.09	<13	PASS
		25	12	6.39	<13	PASS
		25	25	6.76	<13	PASS
		50	0	6.32	<13	PASS

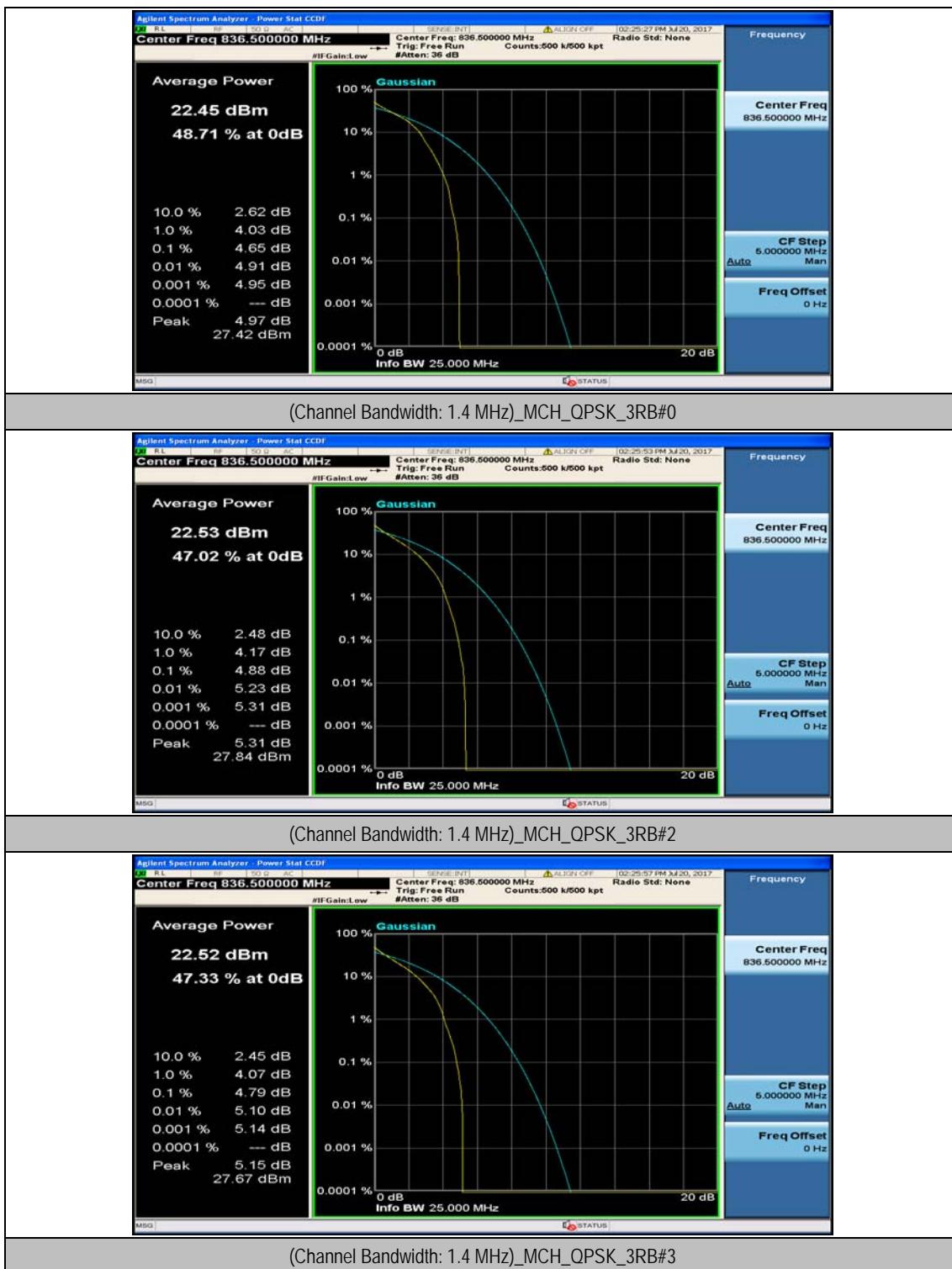
## Test Graphs

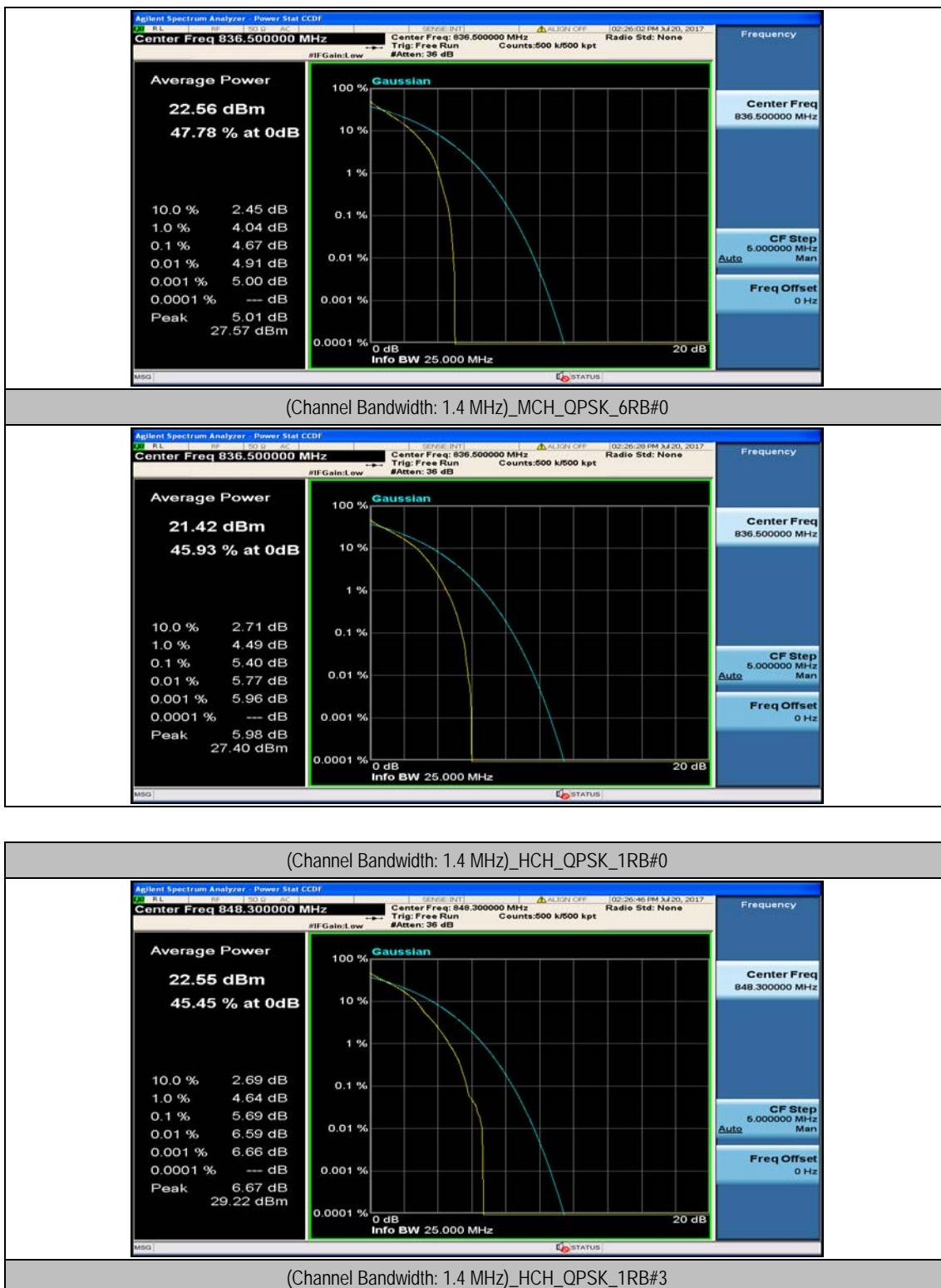
### Channel Bandwidth: 1.4 MHz

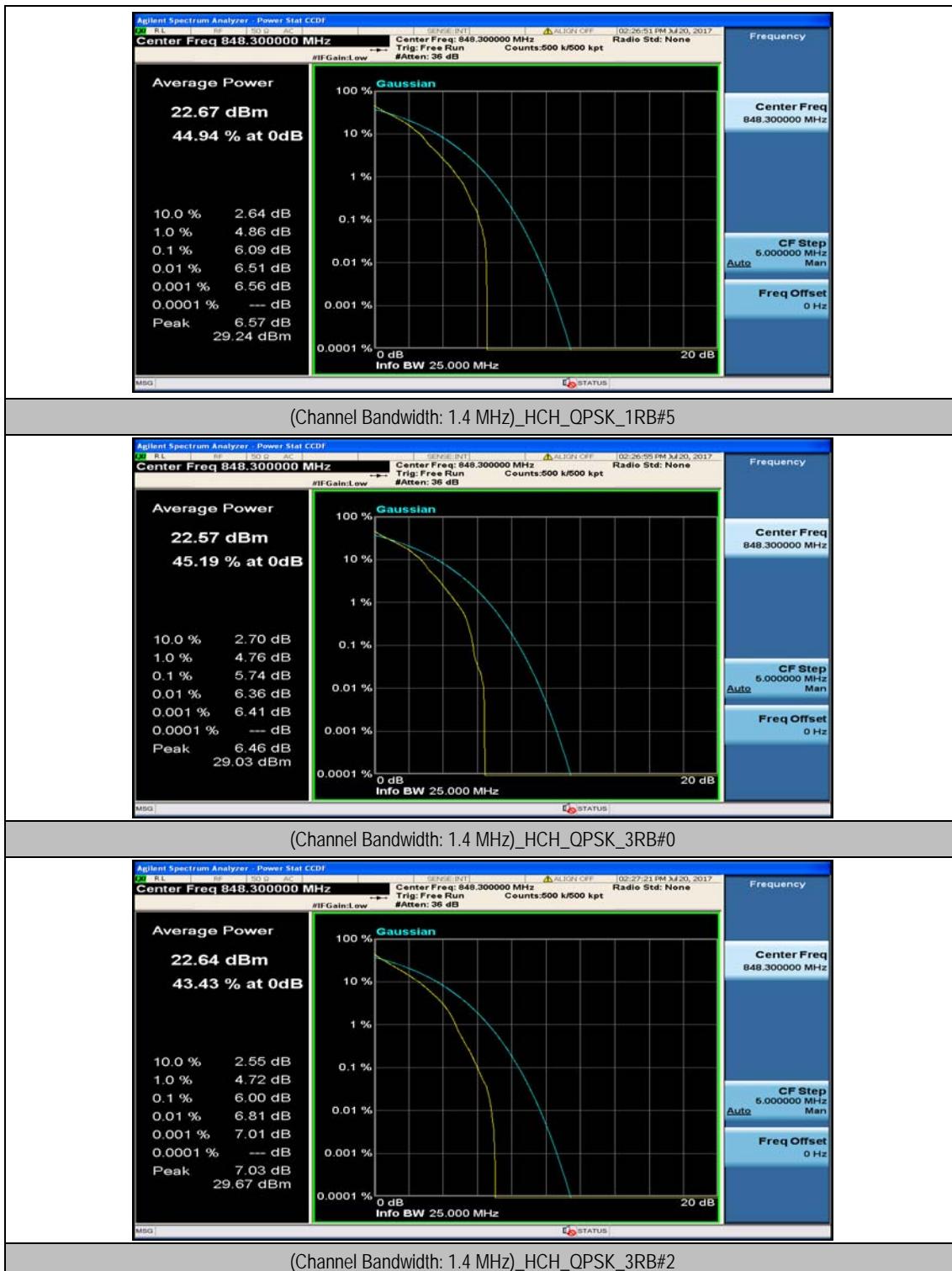


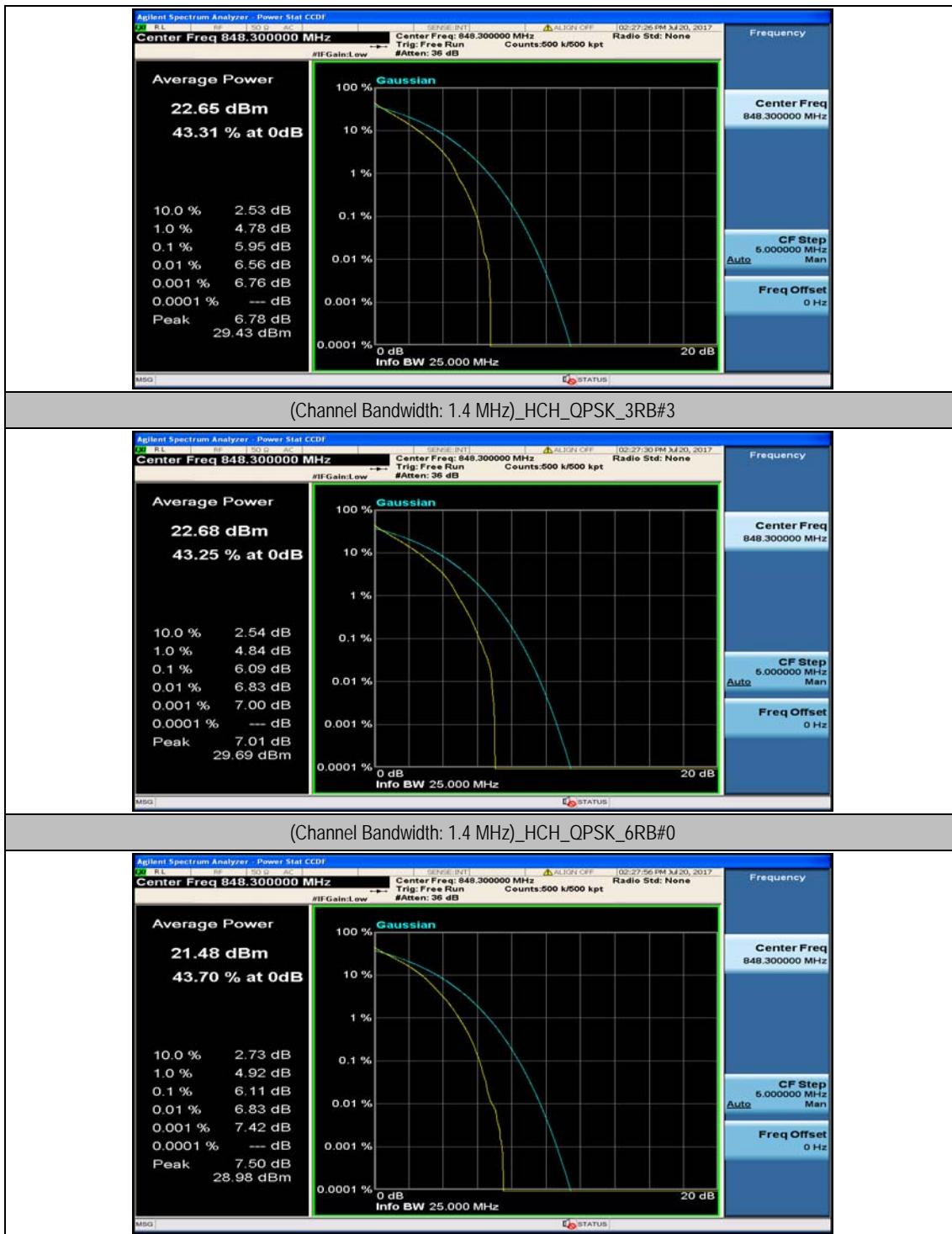


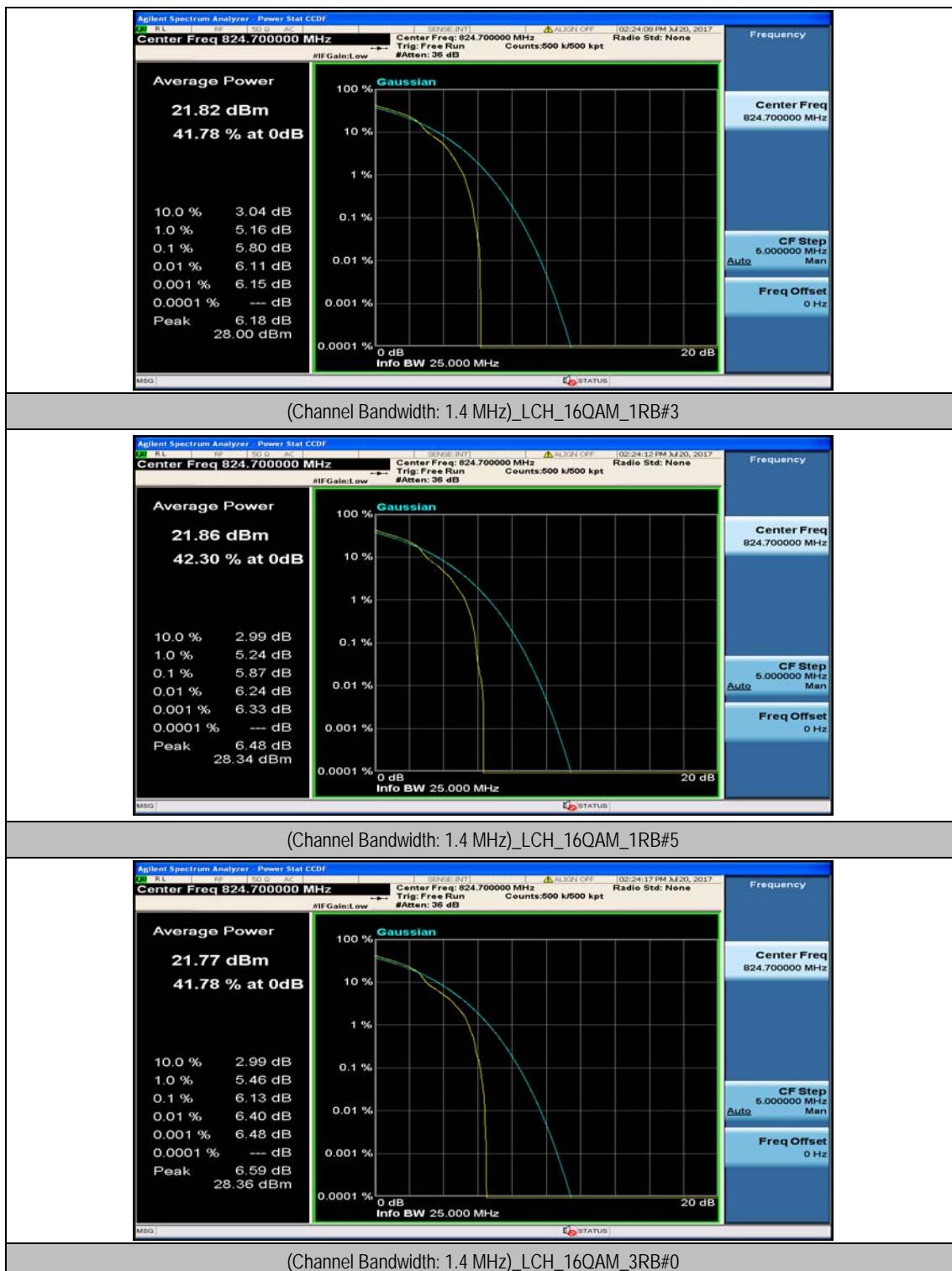


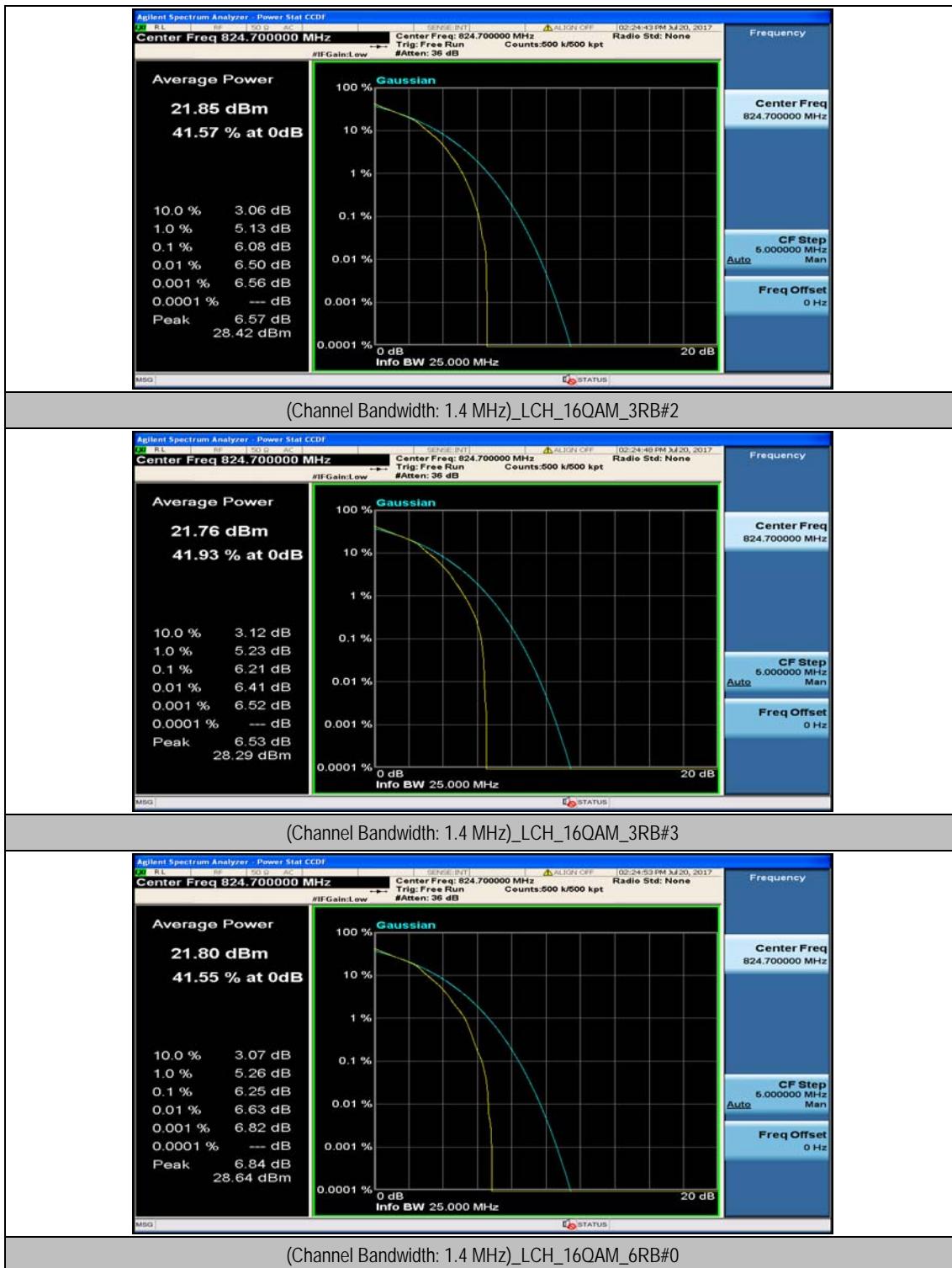


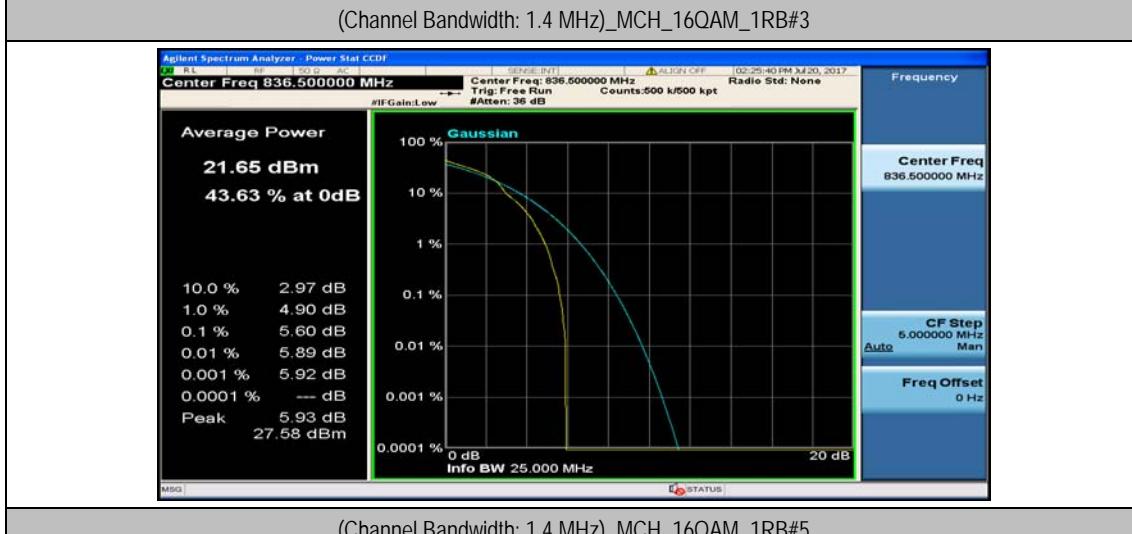
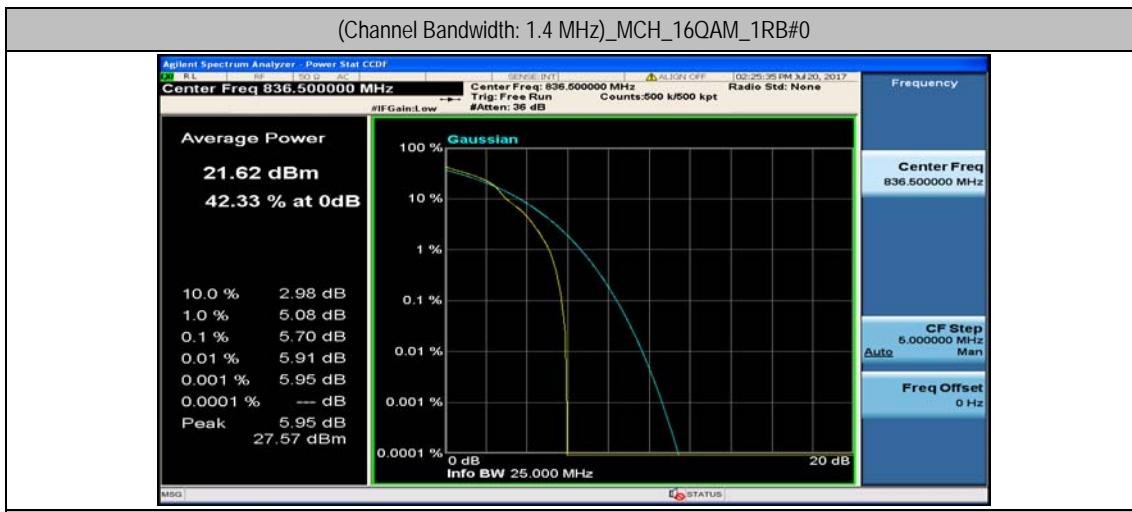
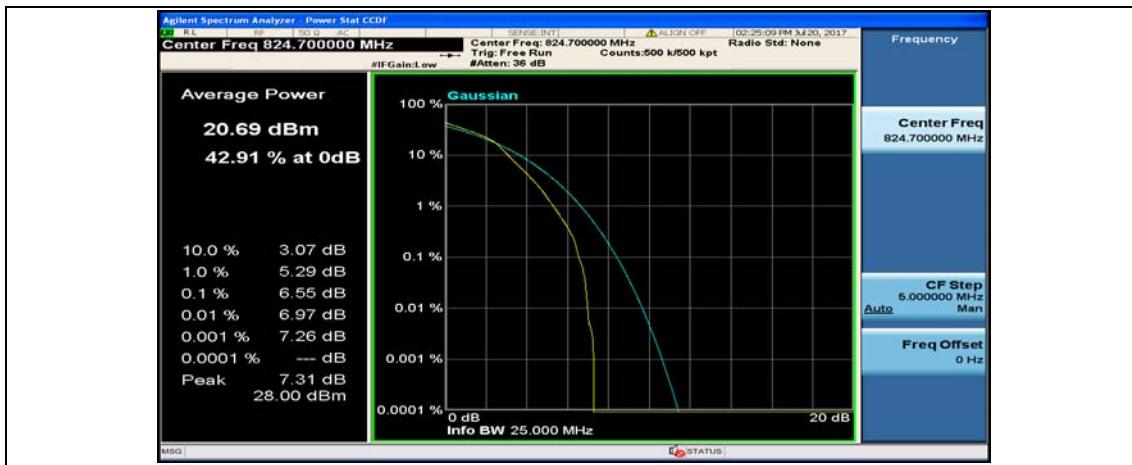


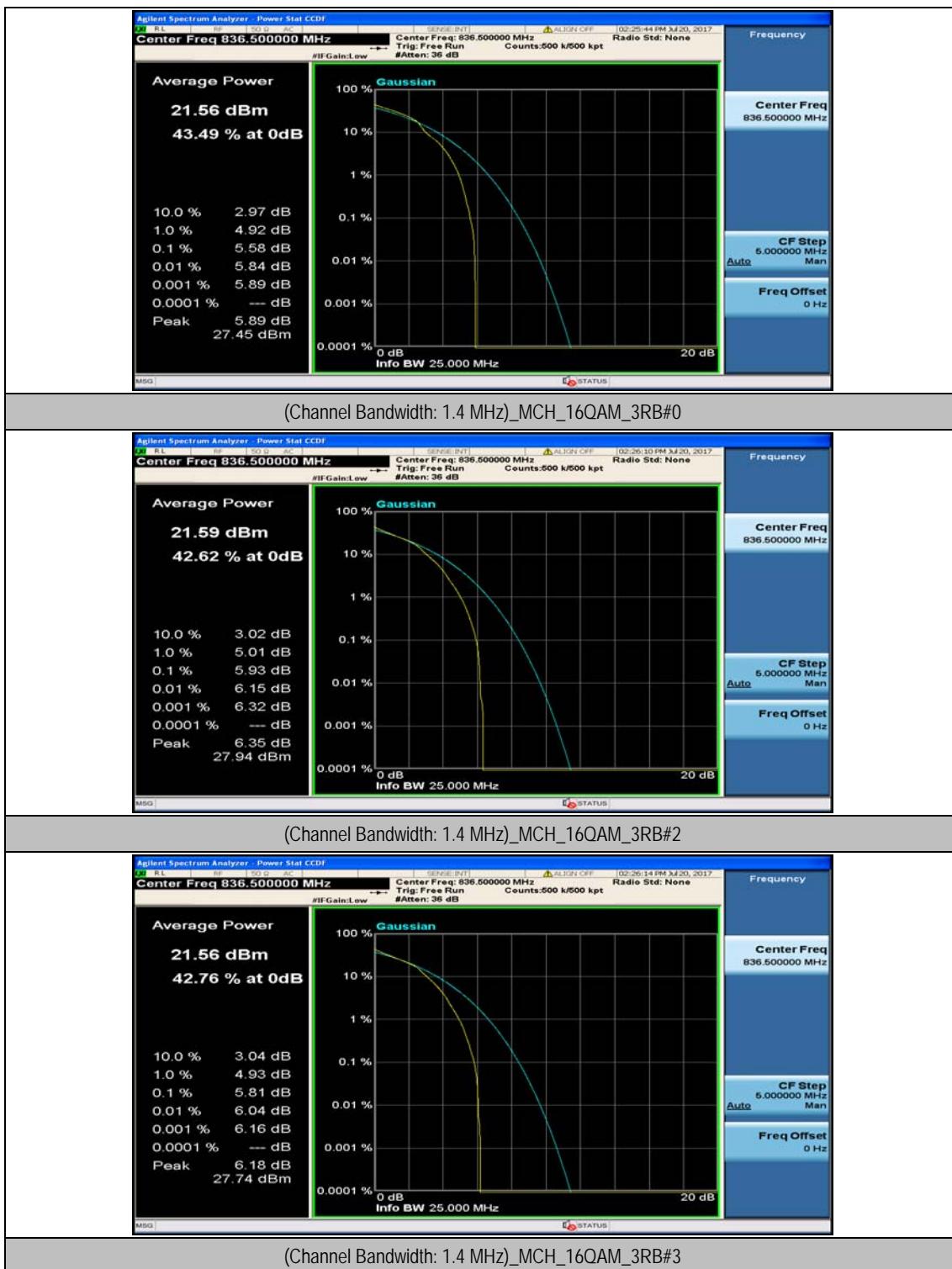


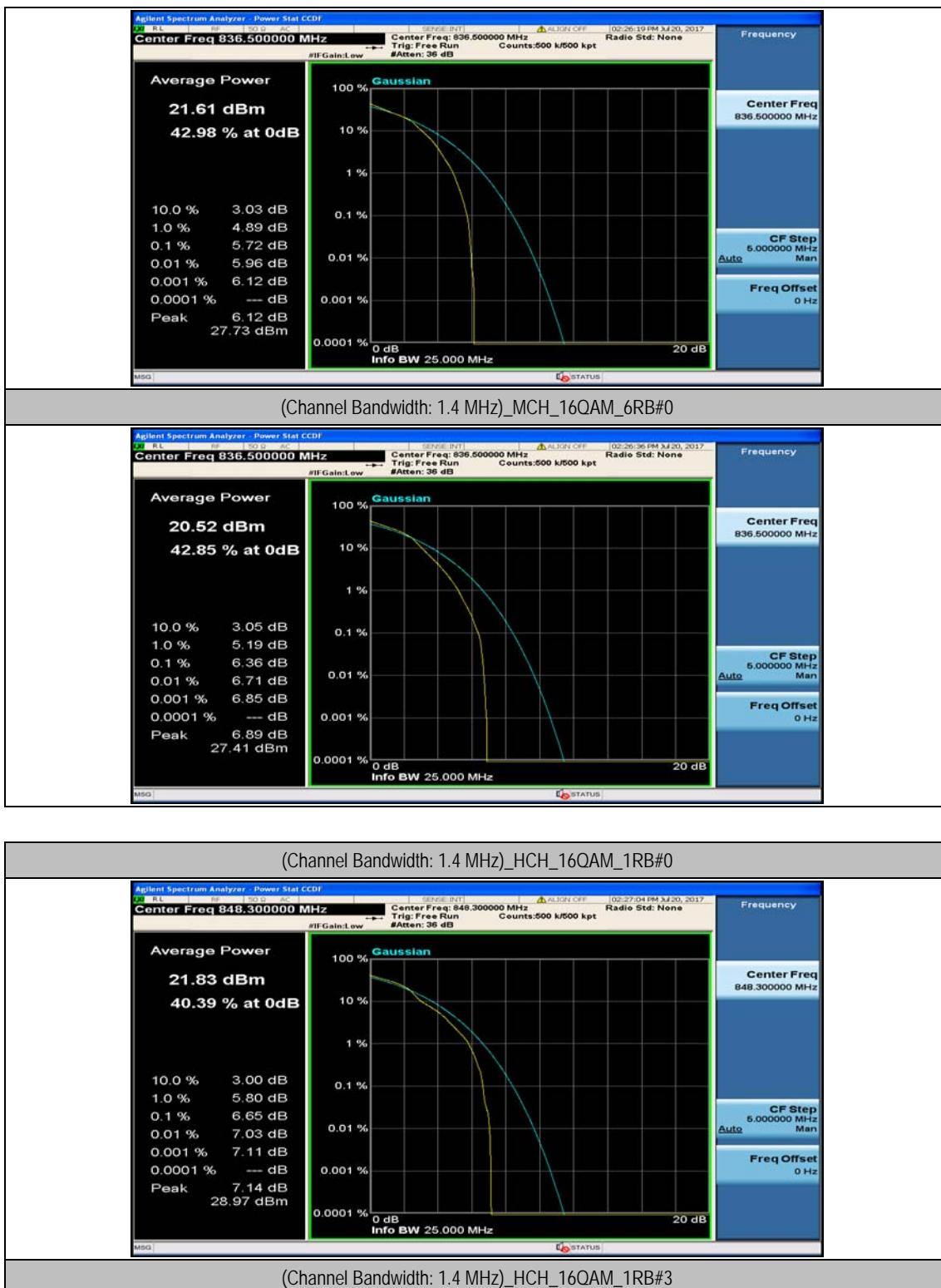


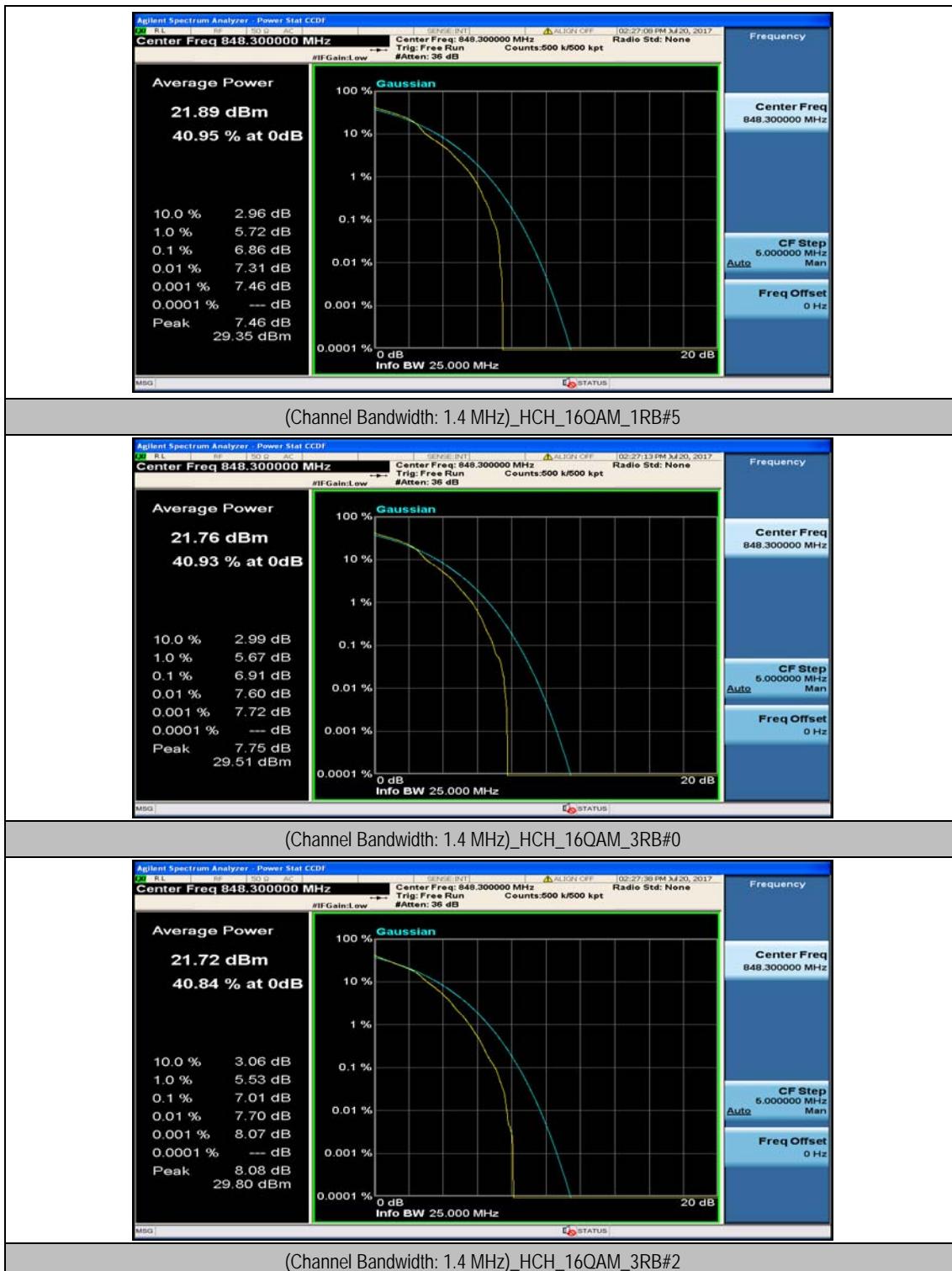


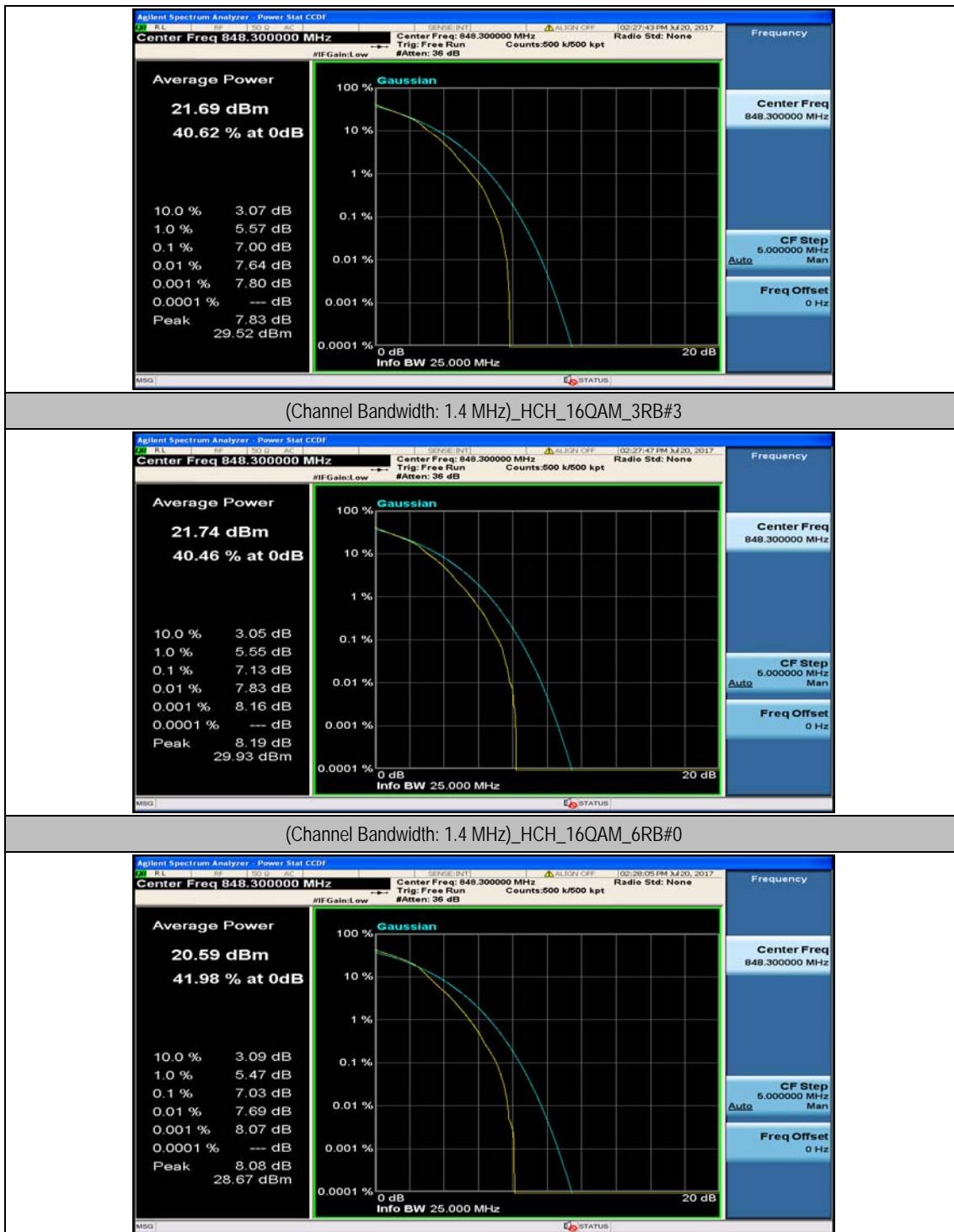






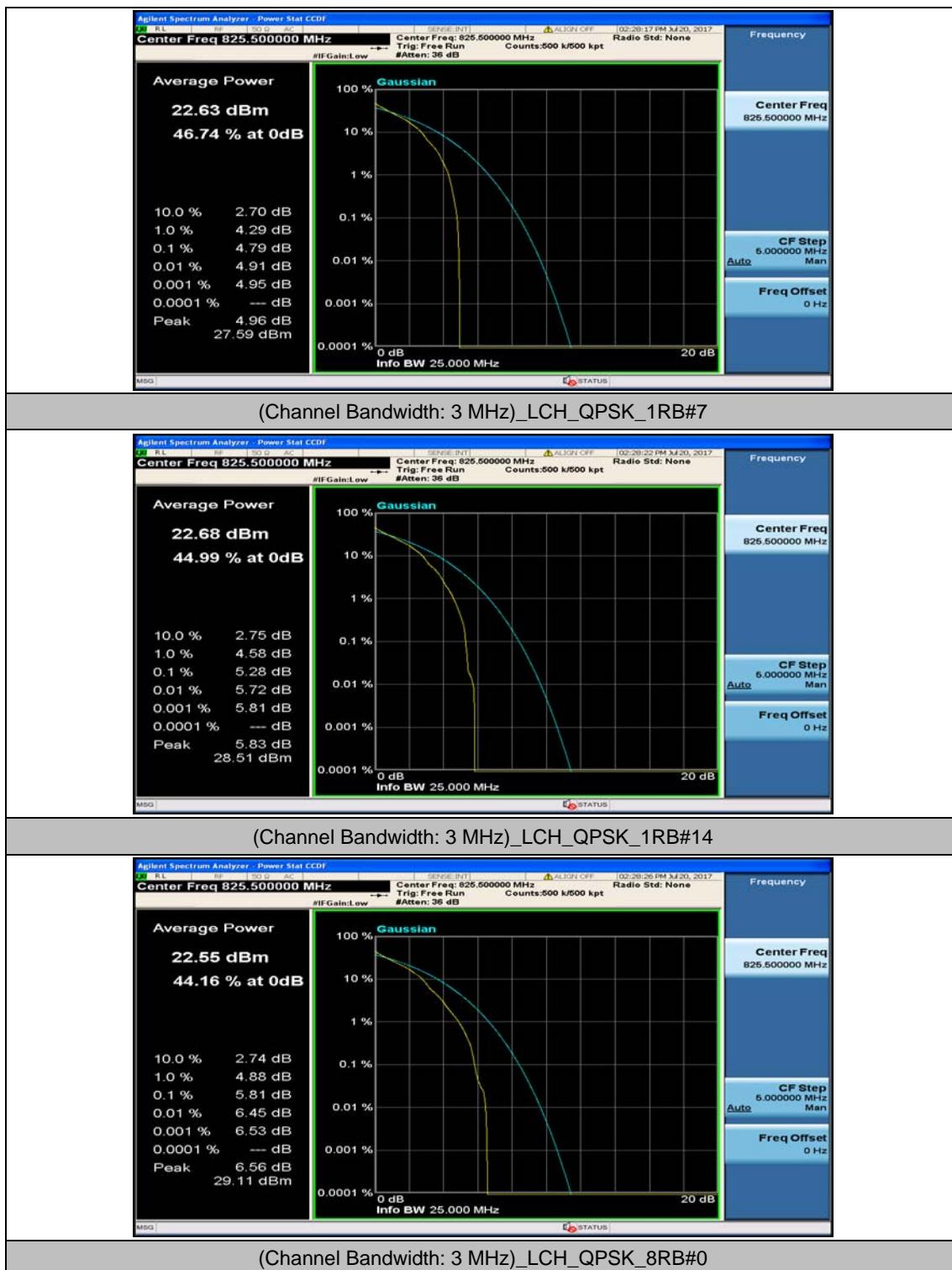


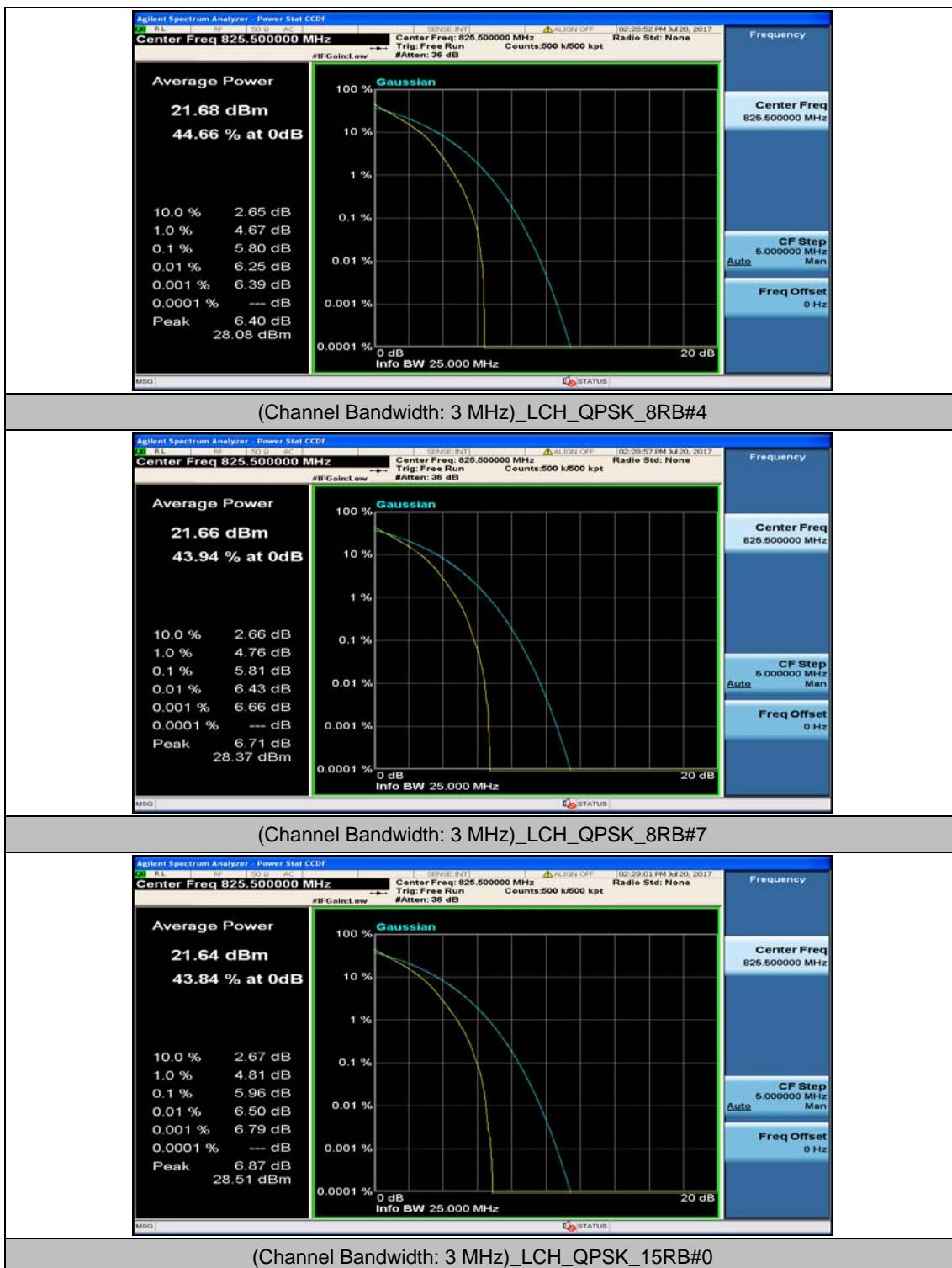


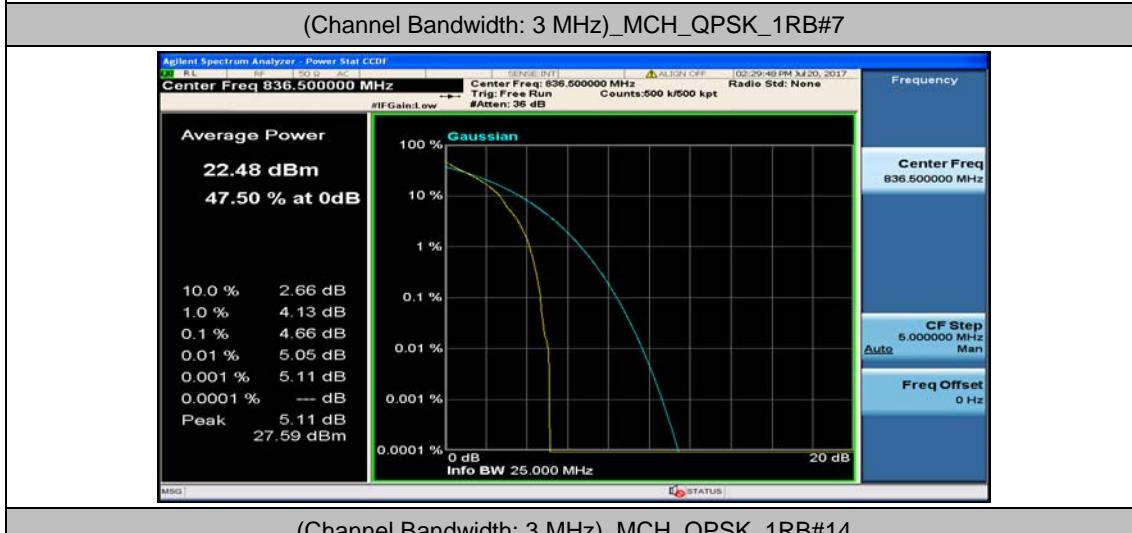
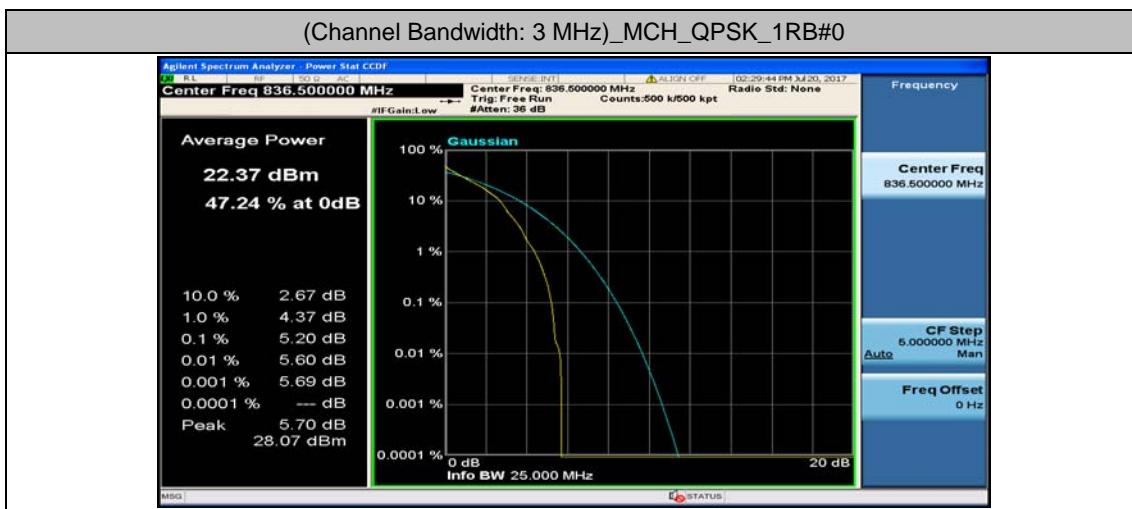
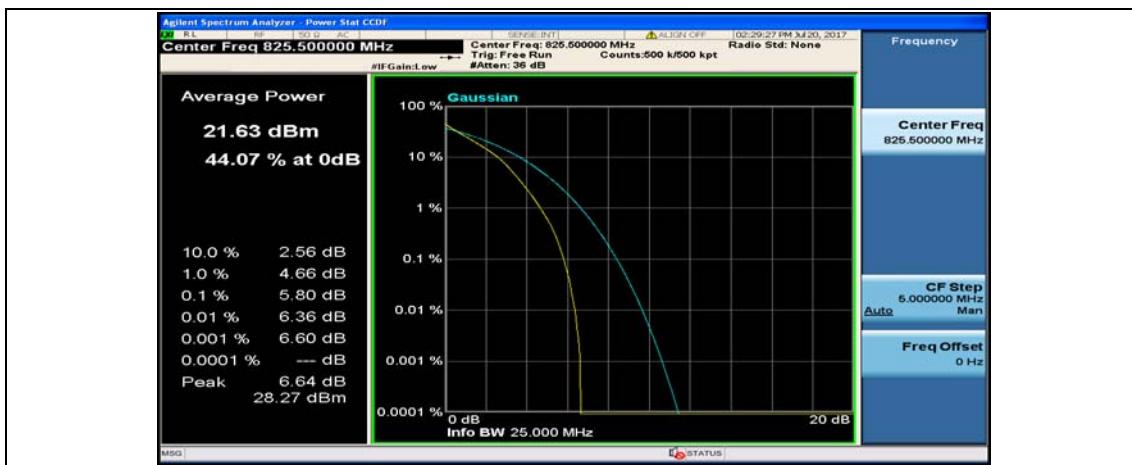


## Channel Bandwidth: 3 MHz

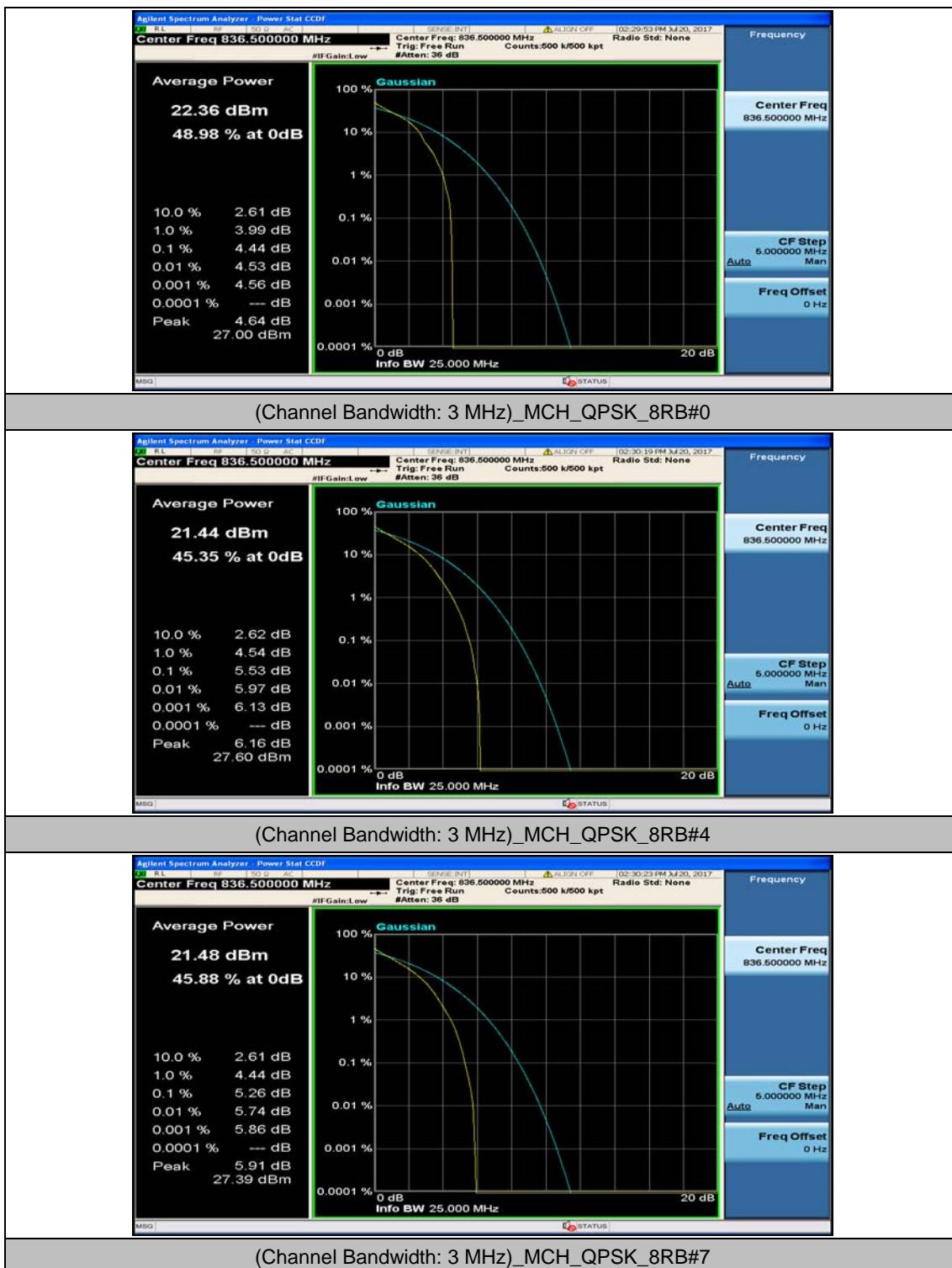
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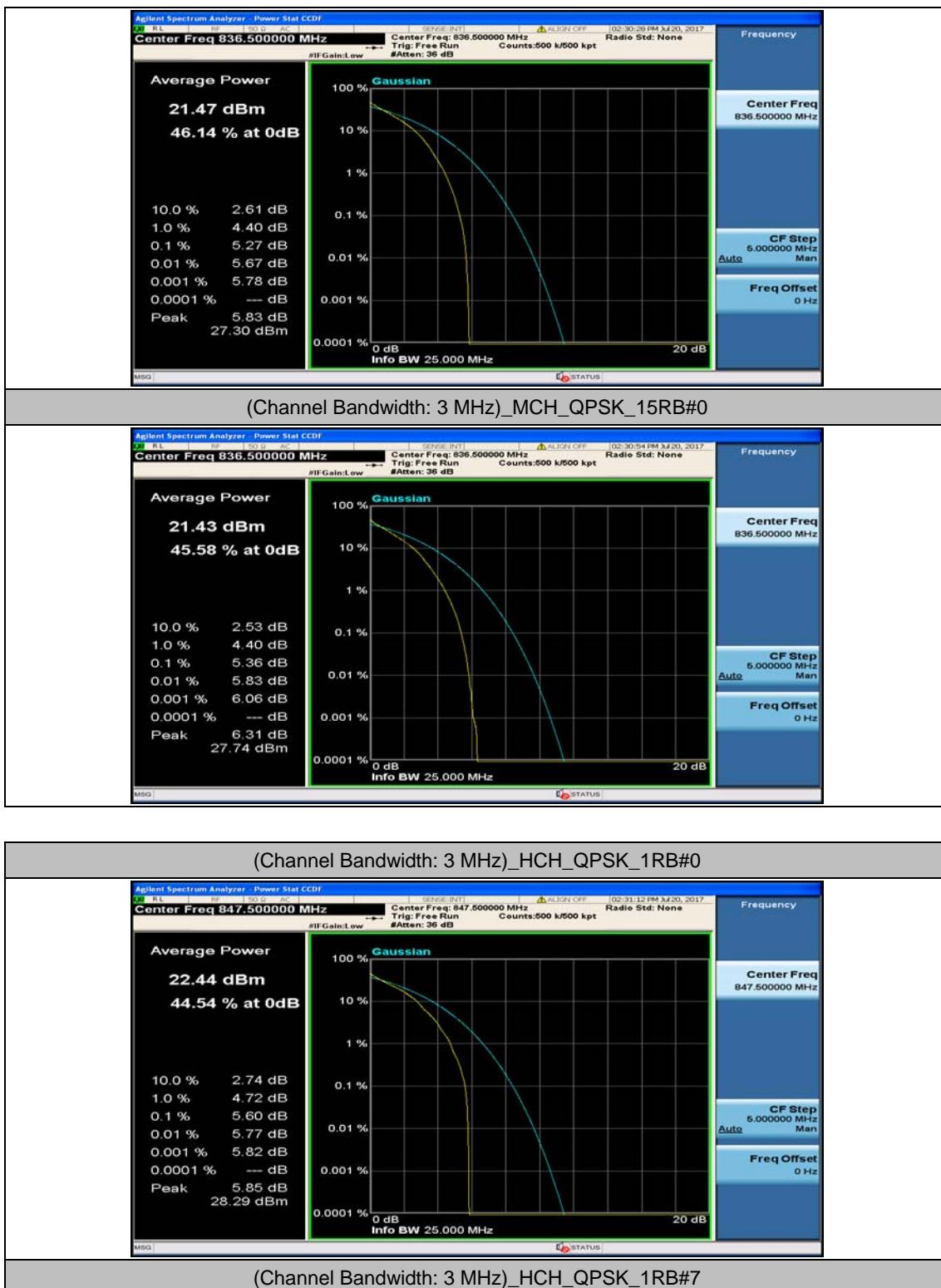


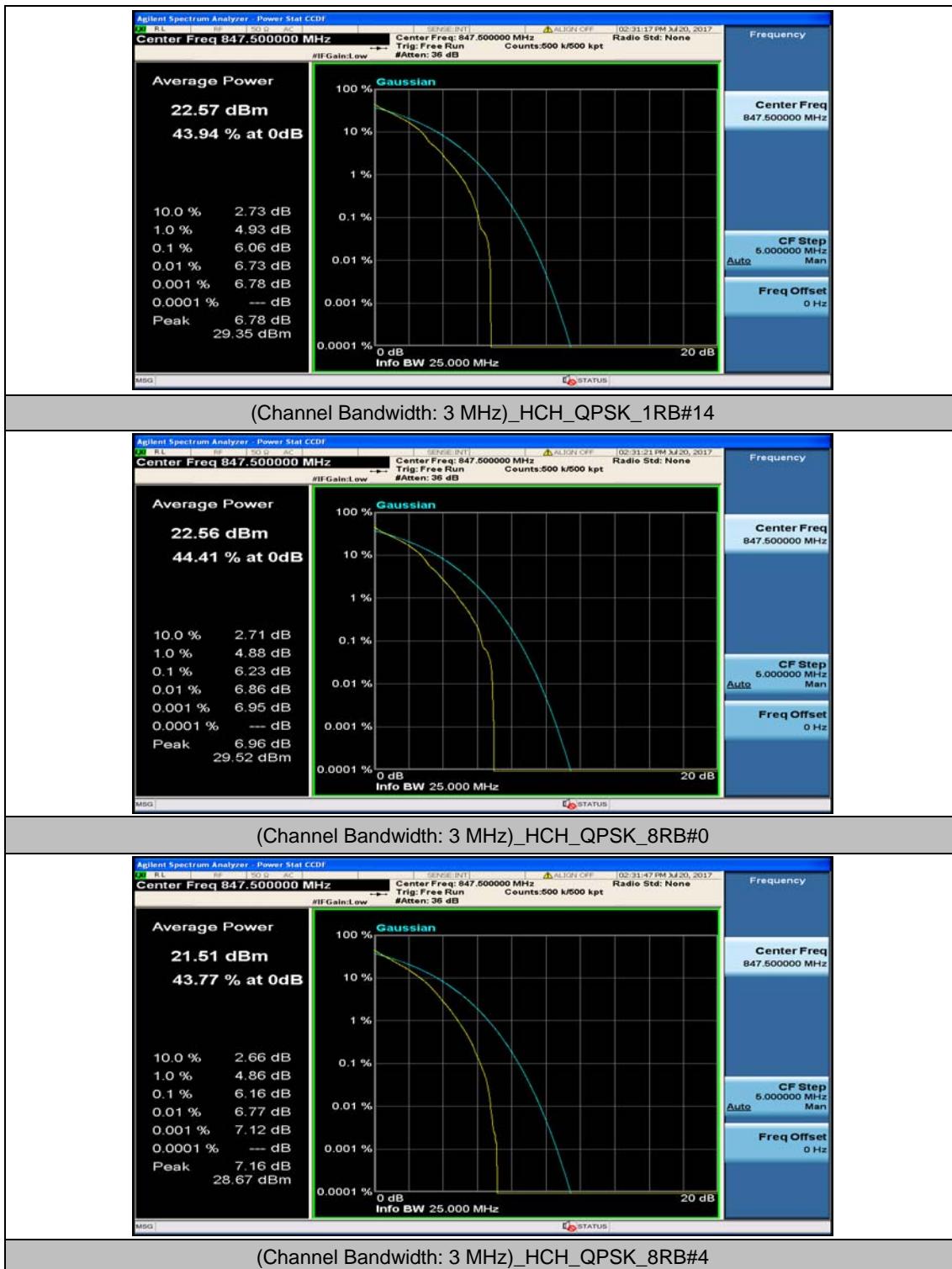


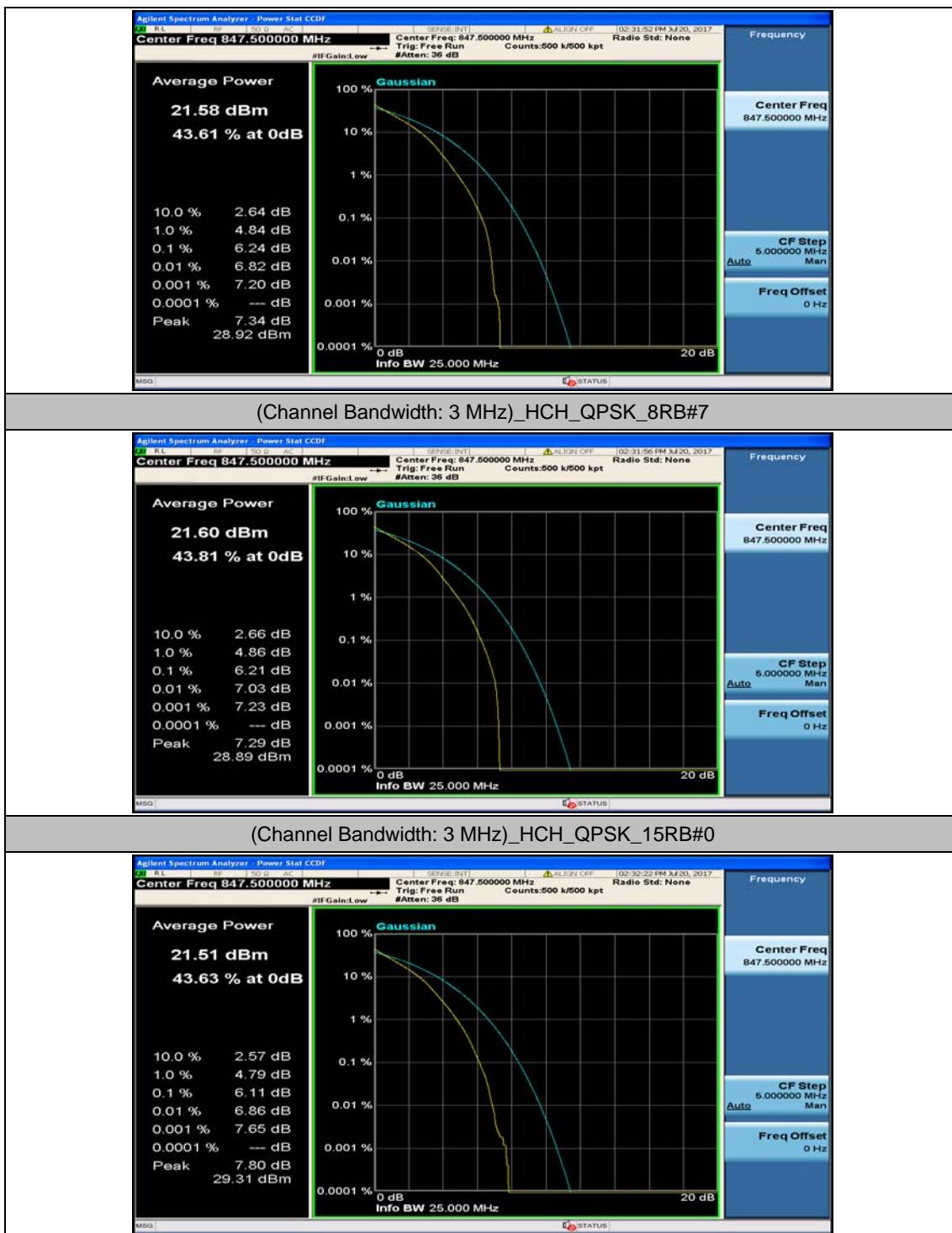


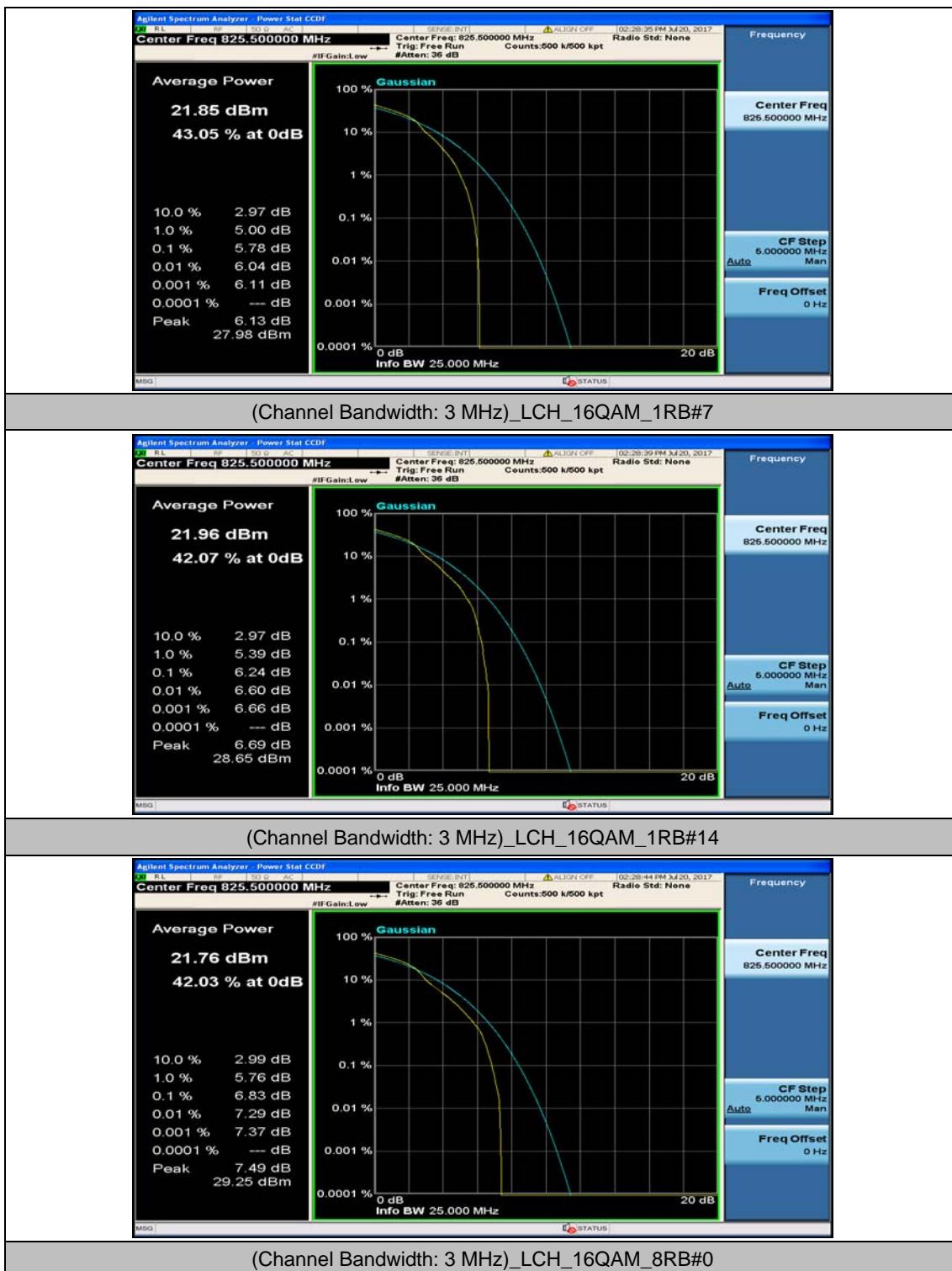
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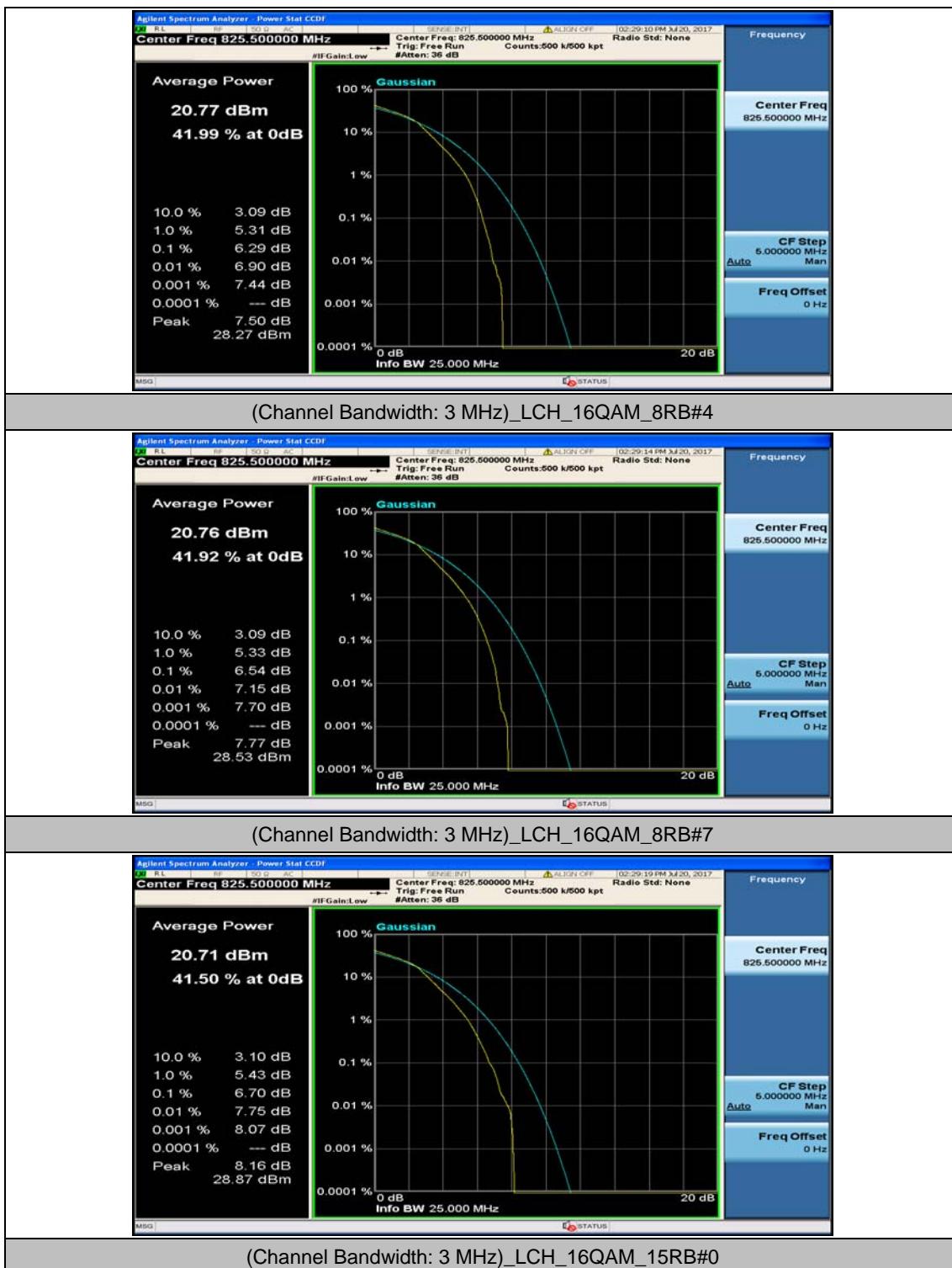


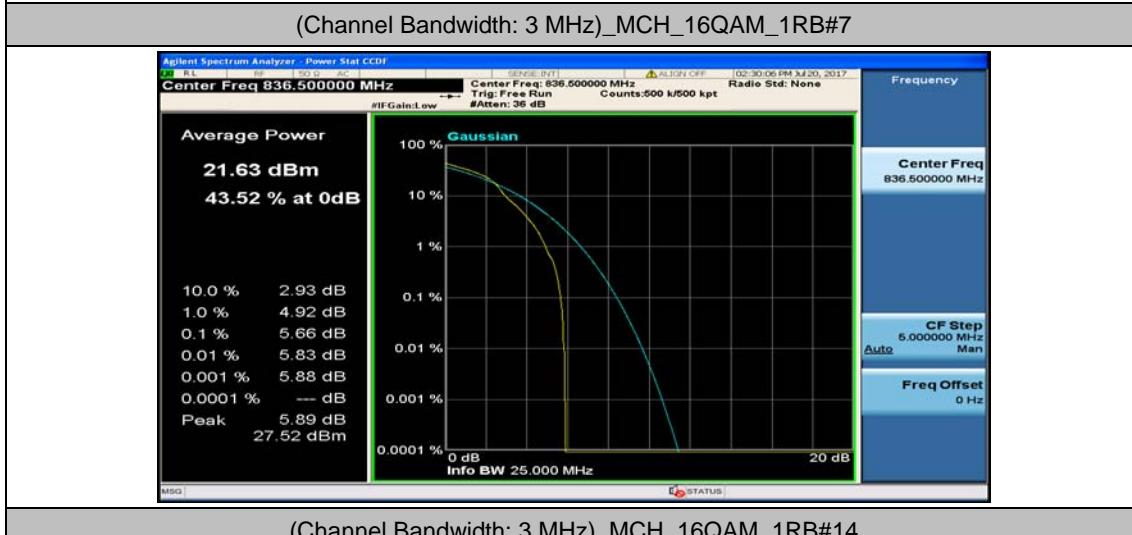
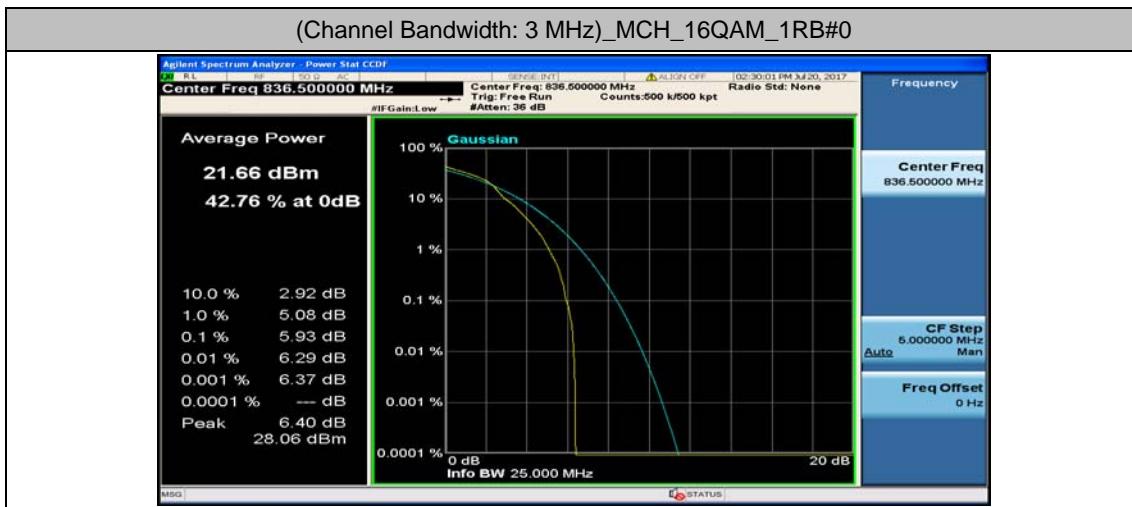
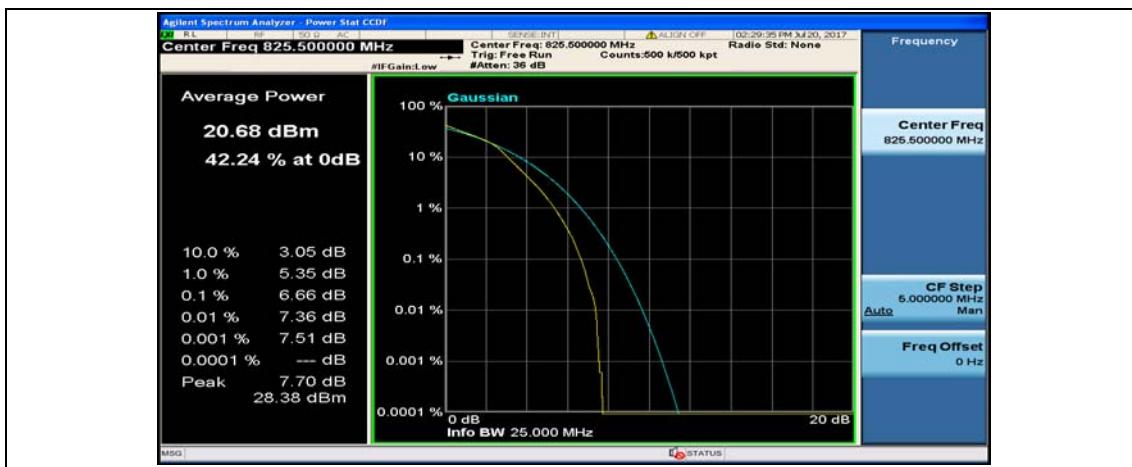




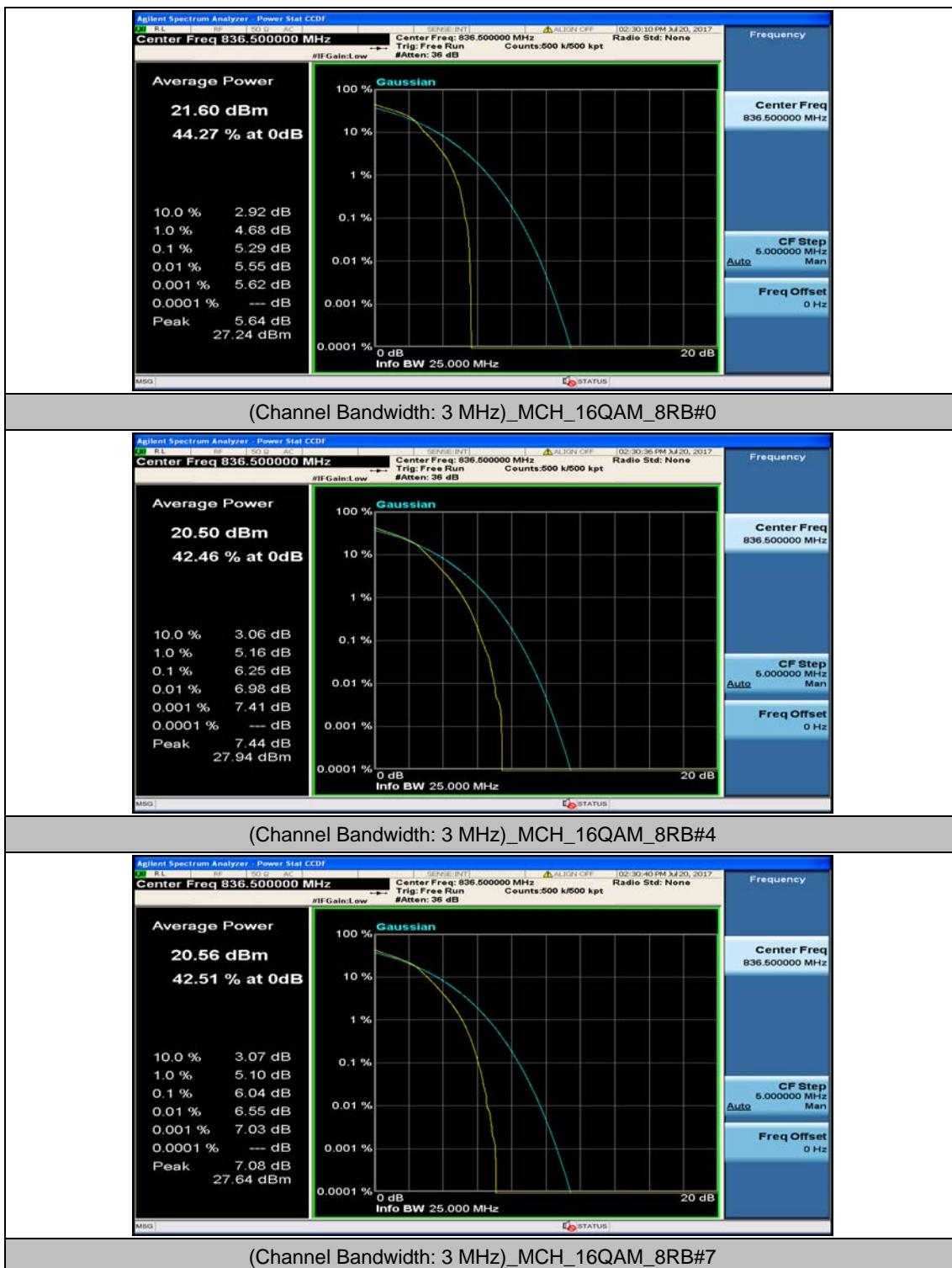


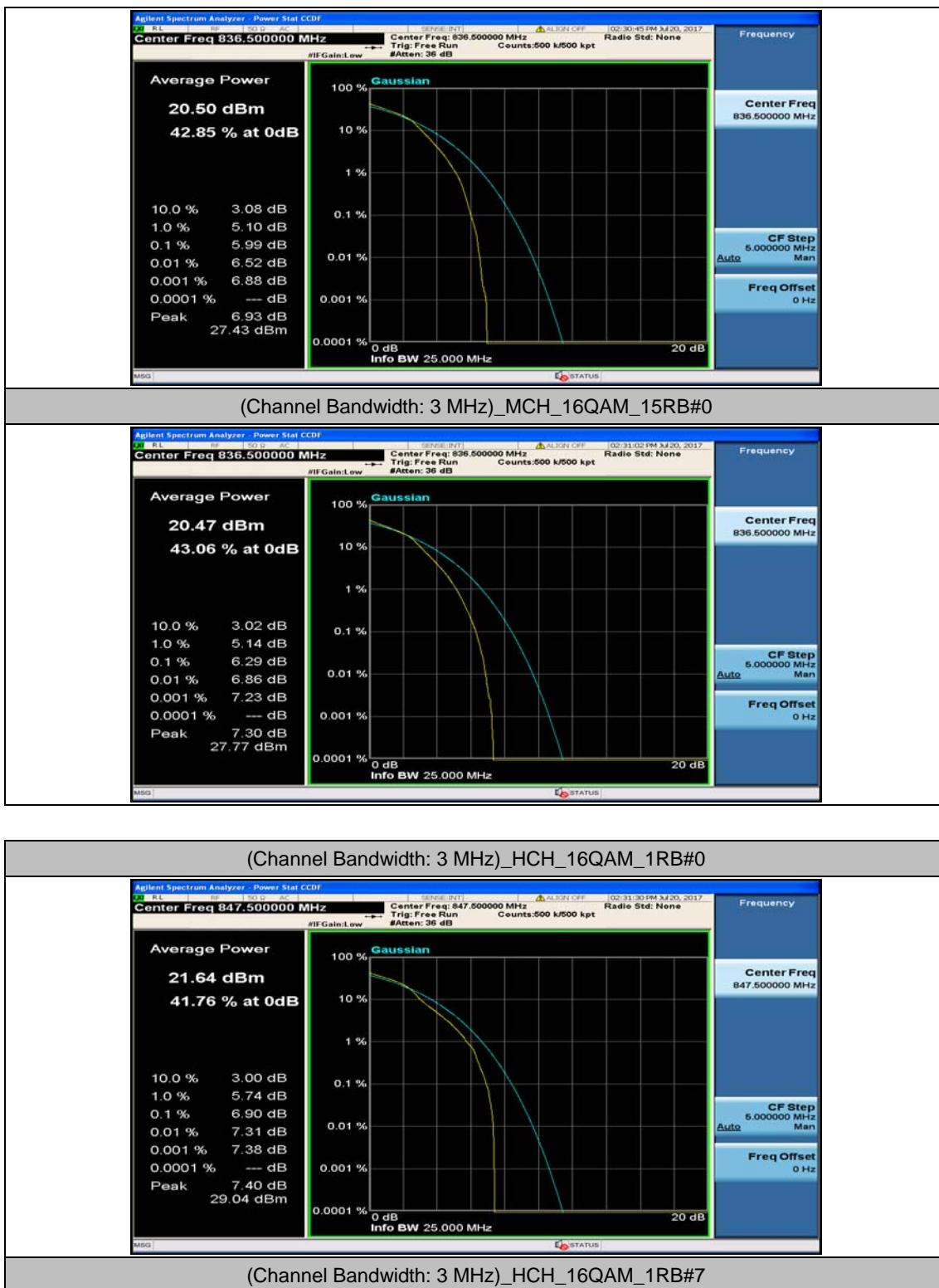


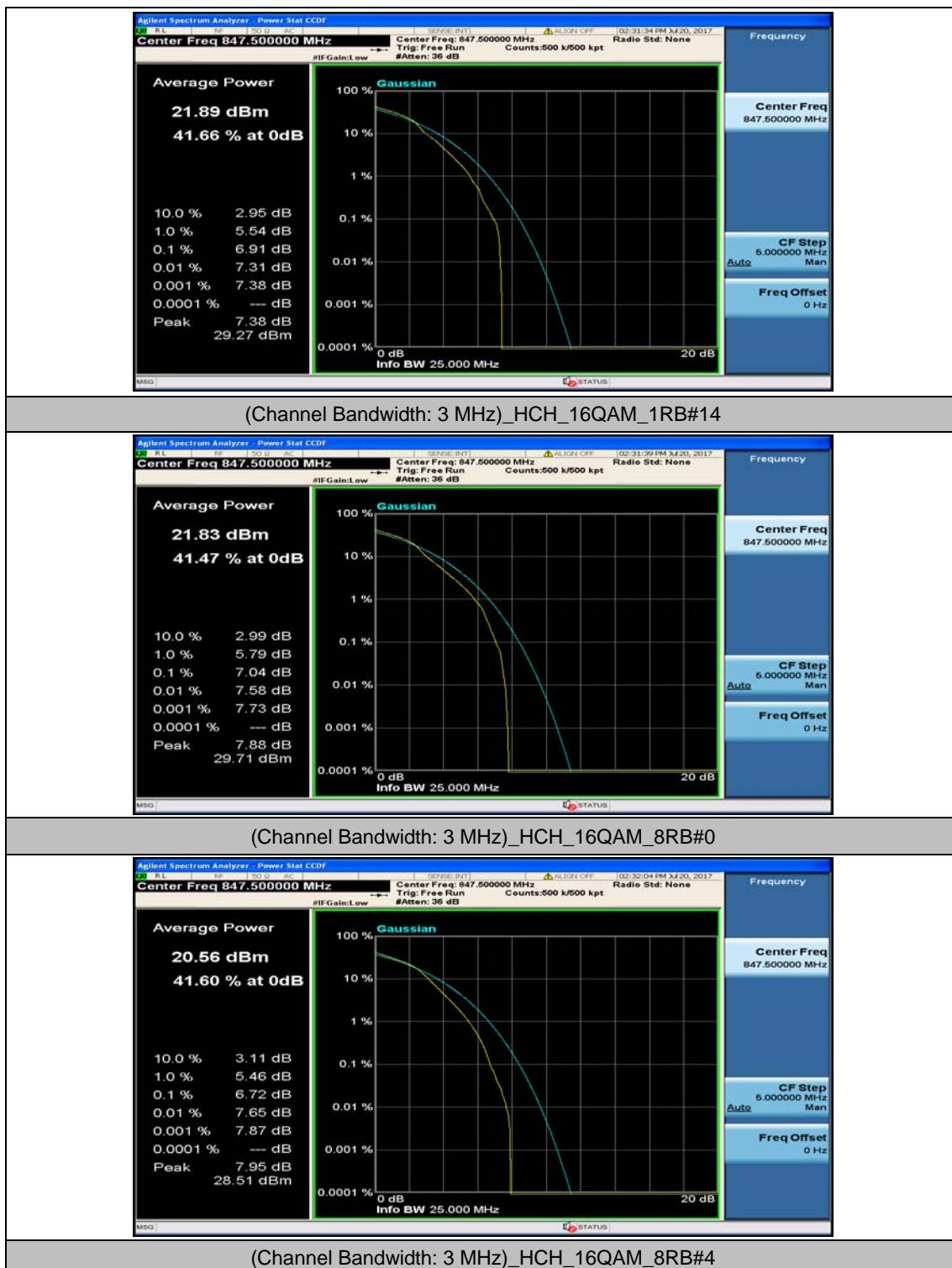


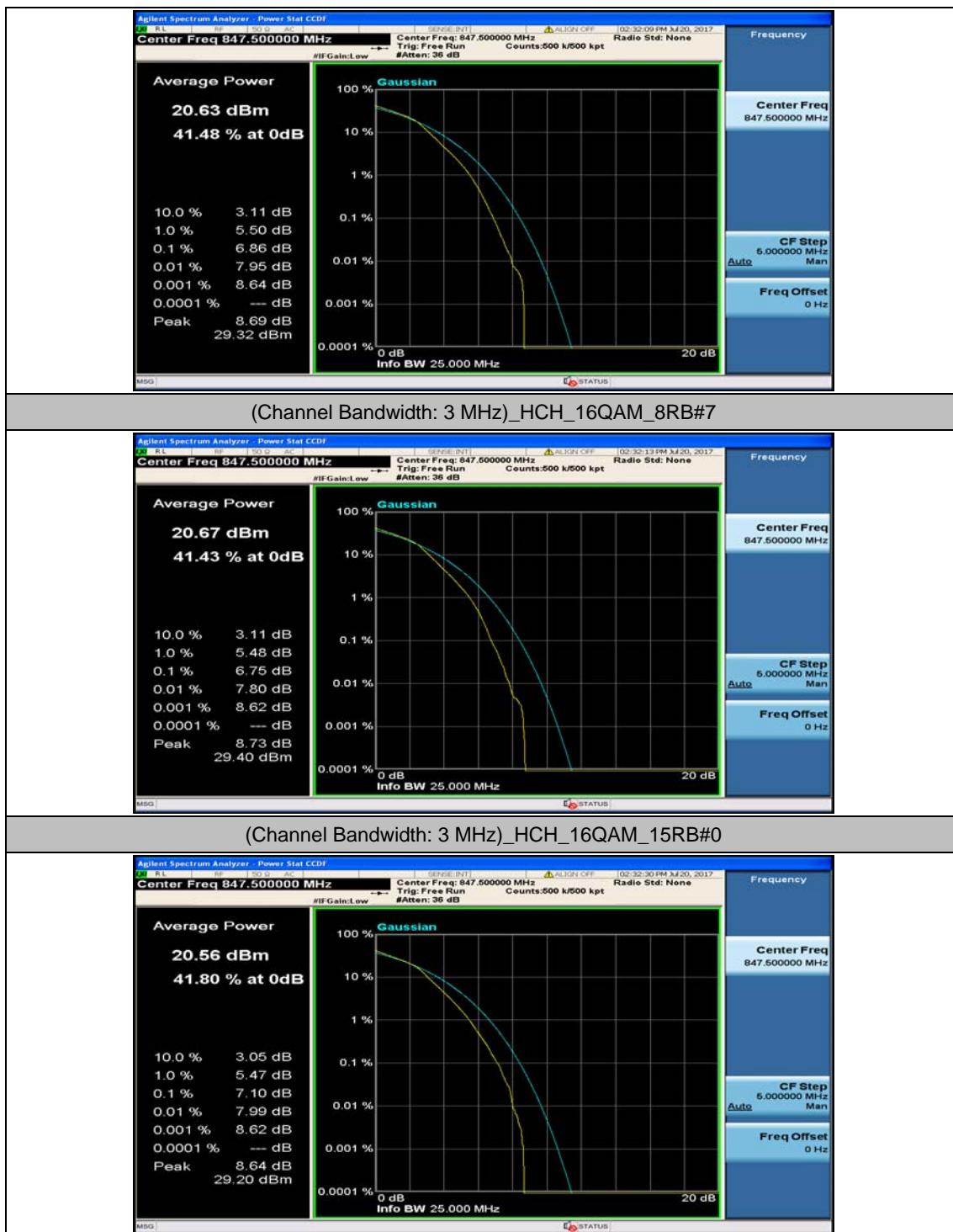


(Channel Bandwidth: 3 MHz)\_MCH\_16QAM\_1RB#14



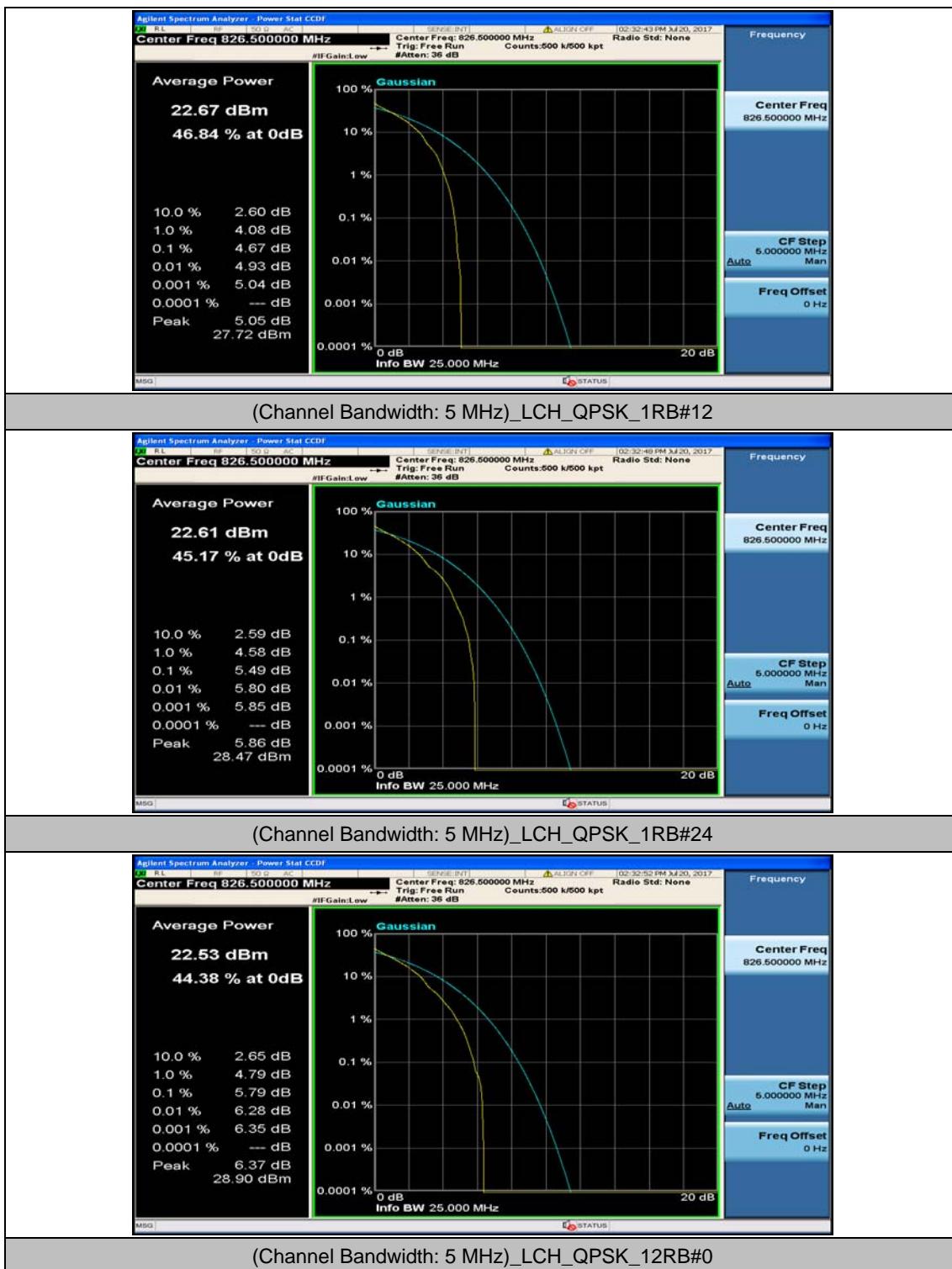


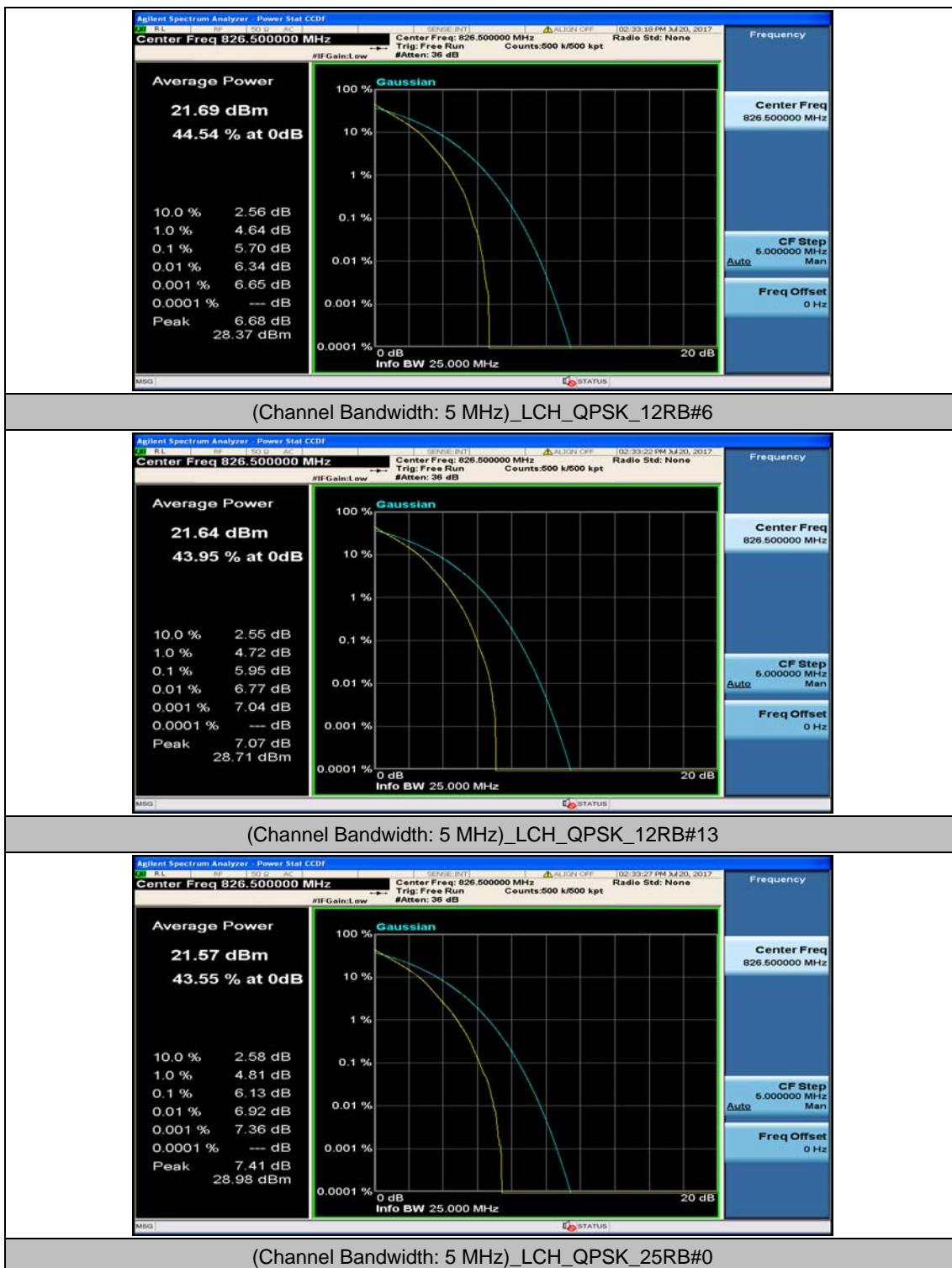


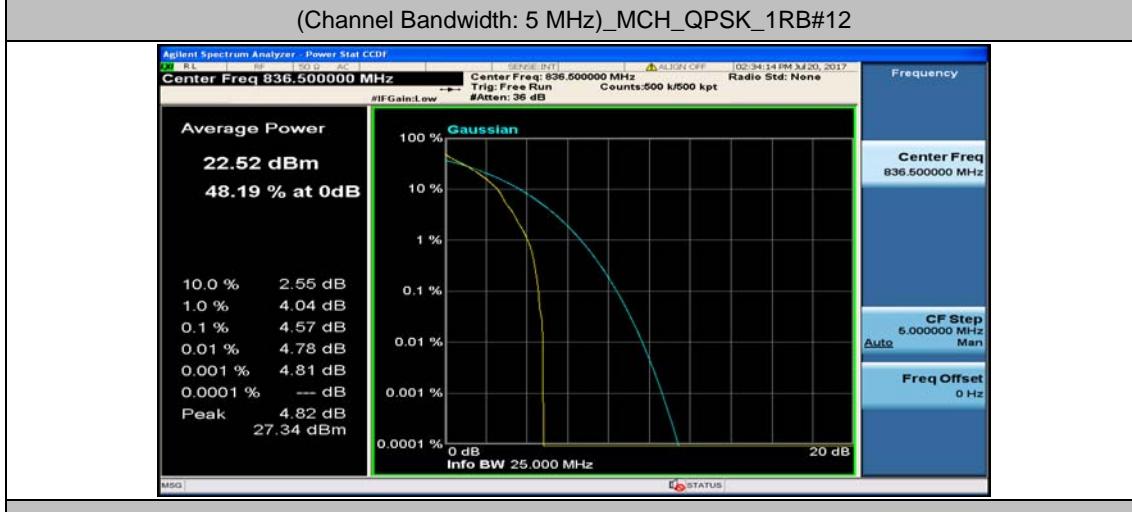
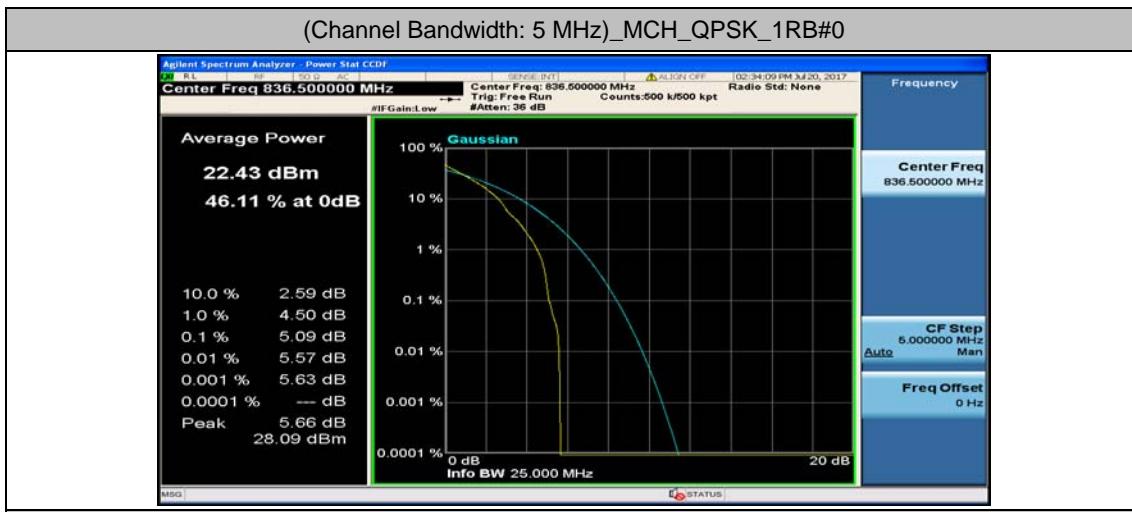
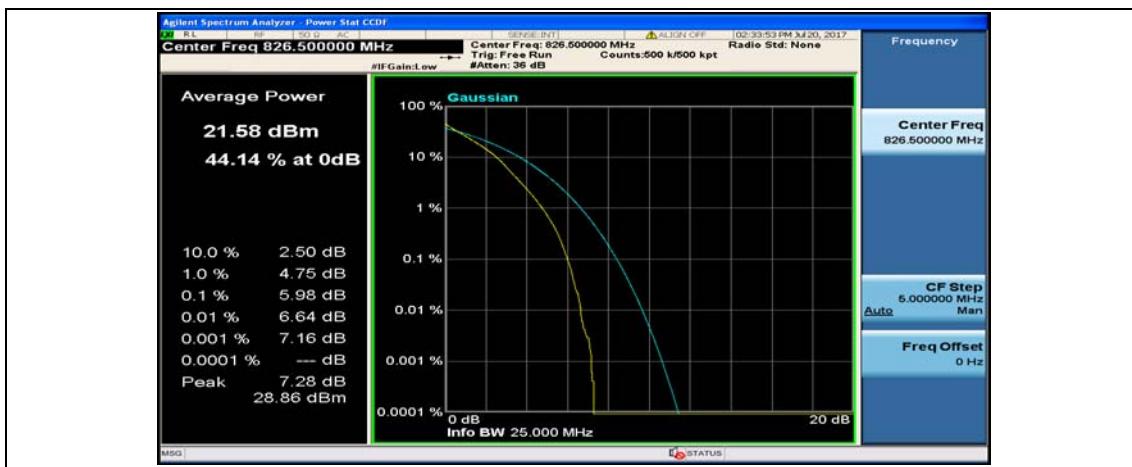


## Channel Bandwidth: 5 MHz

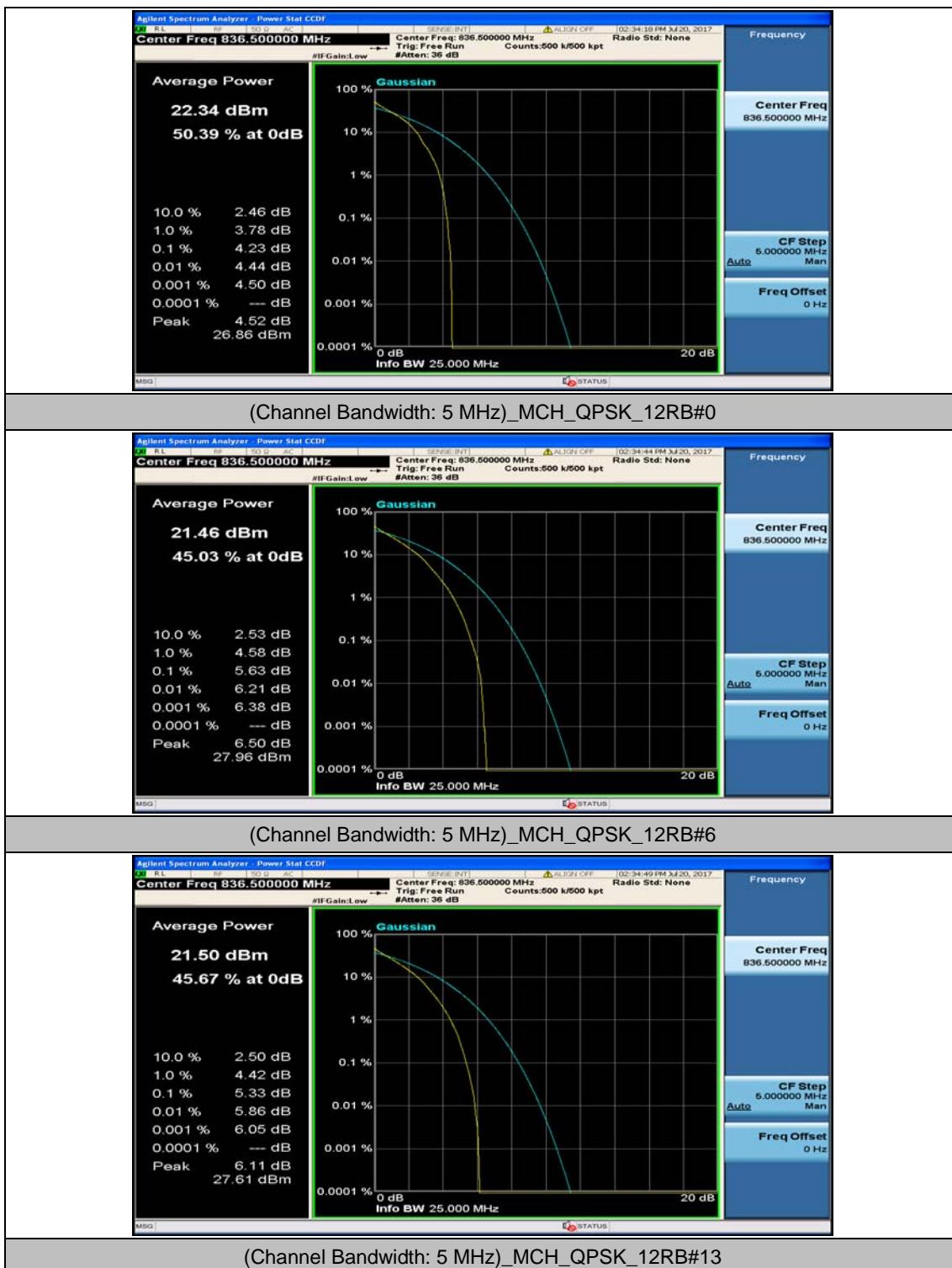
(Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_1RB#0

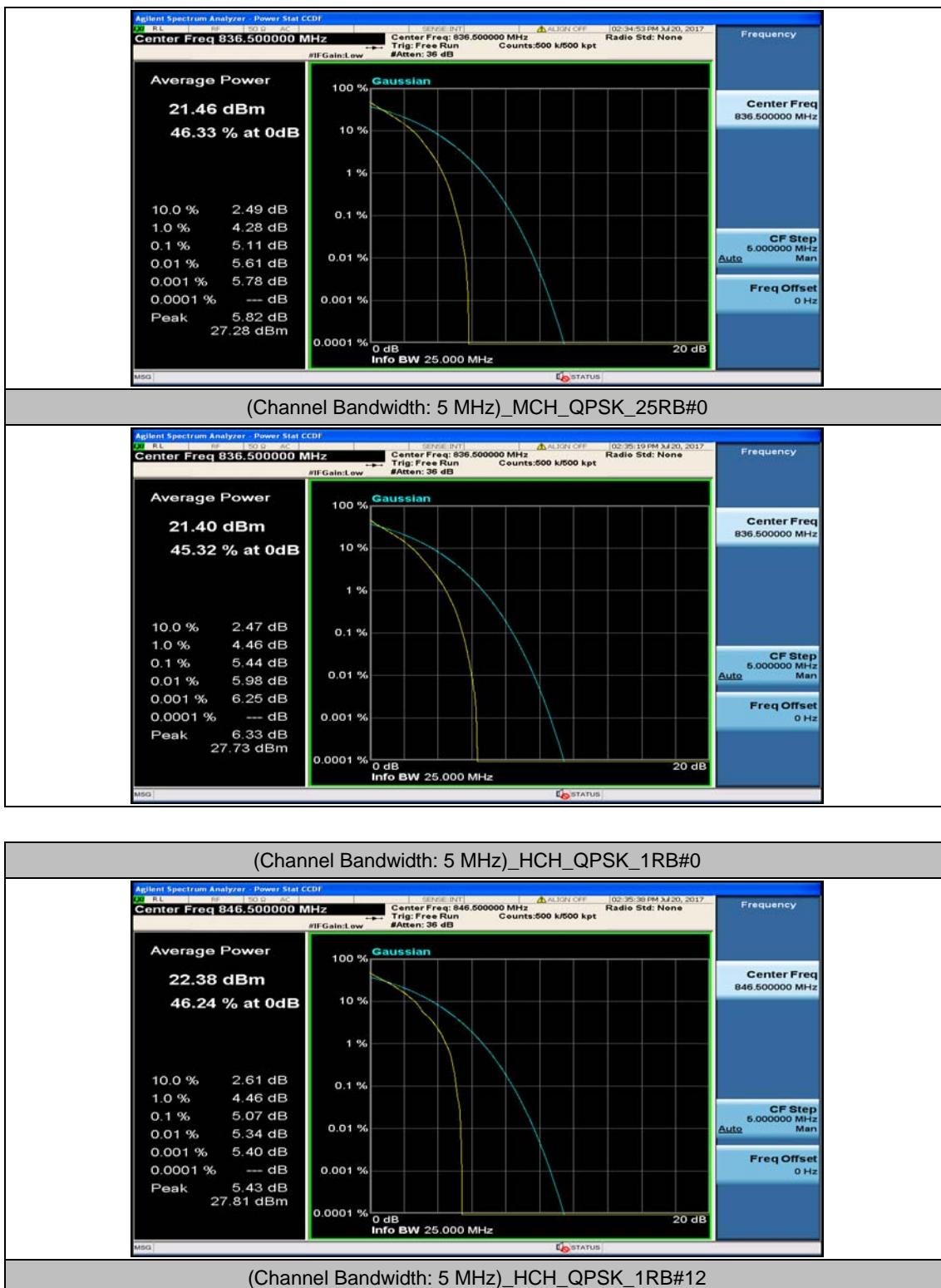


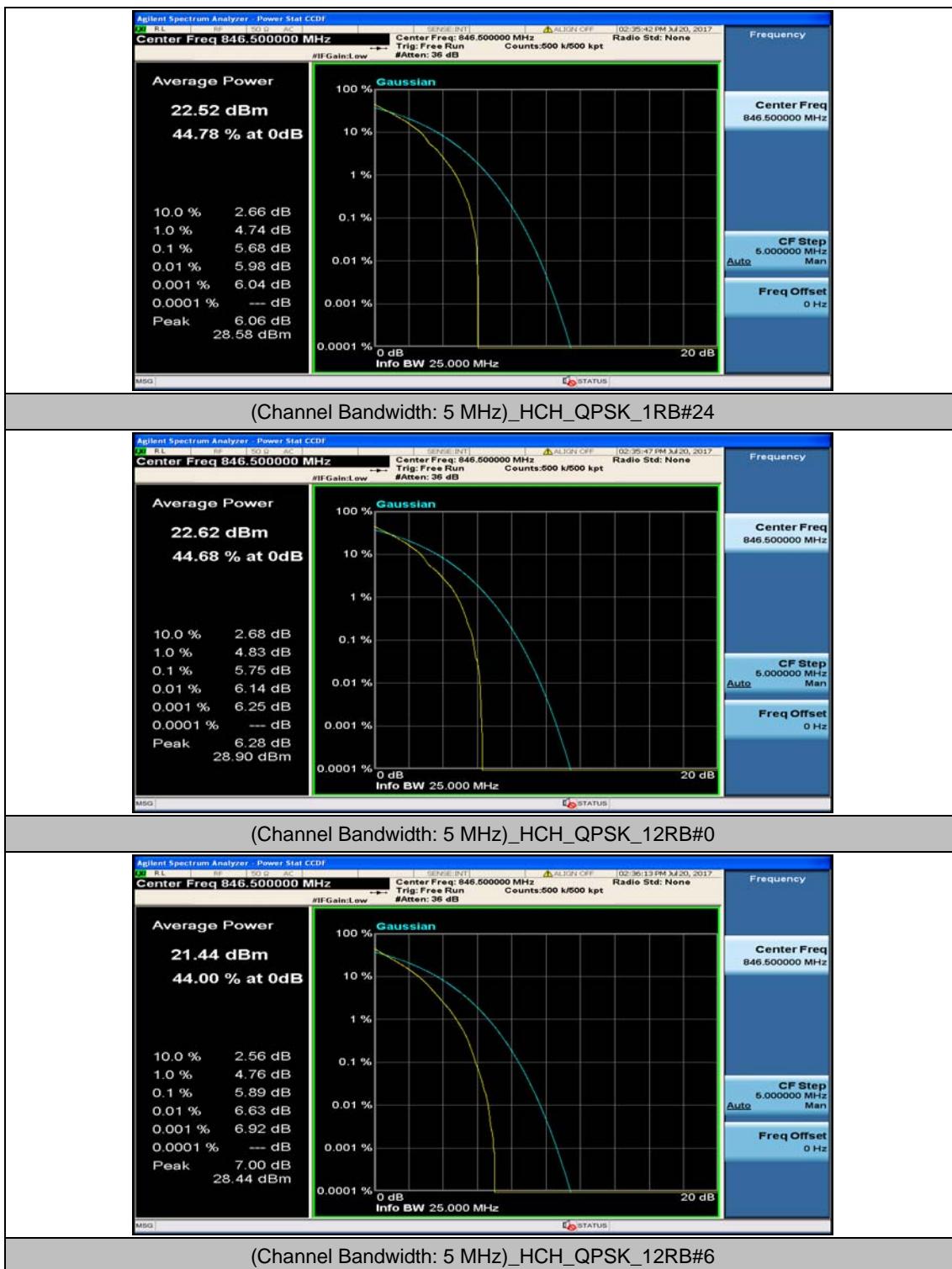


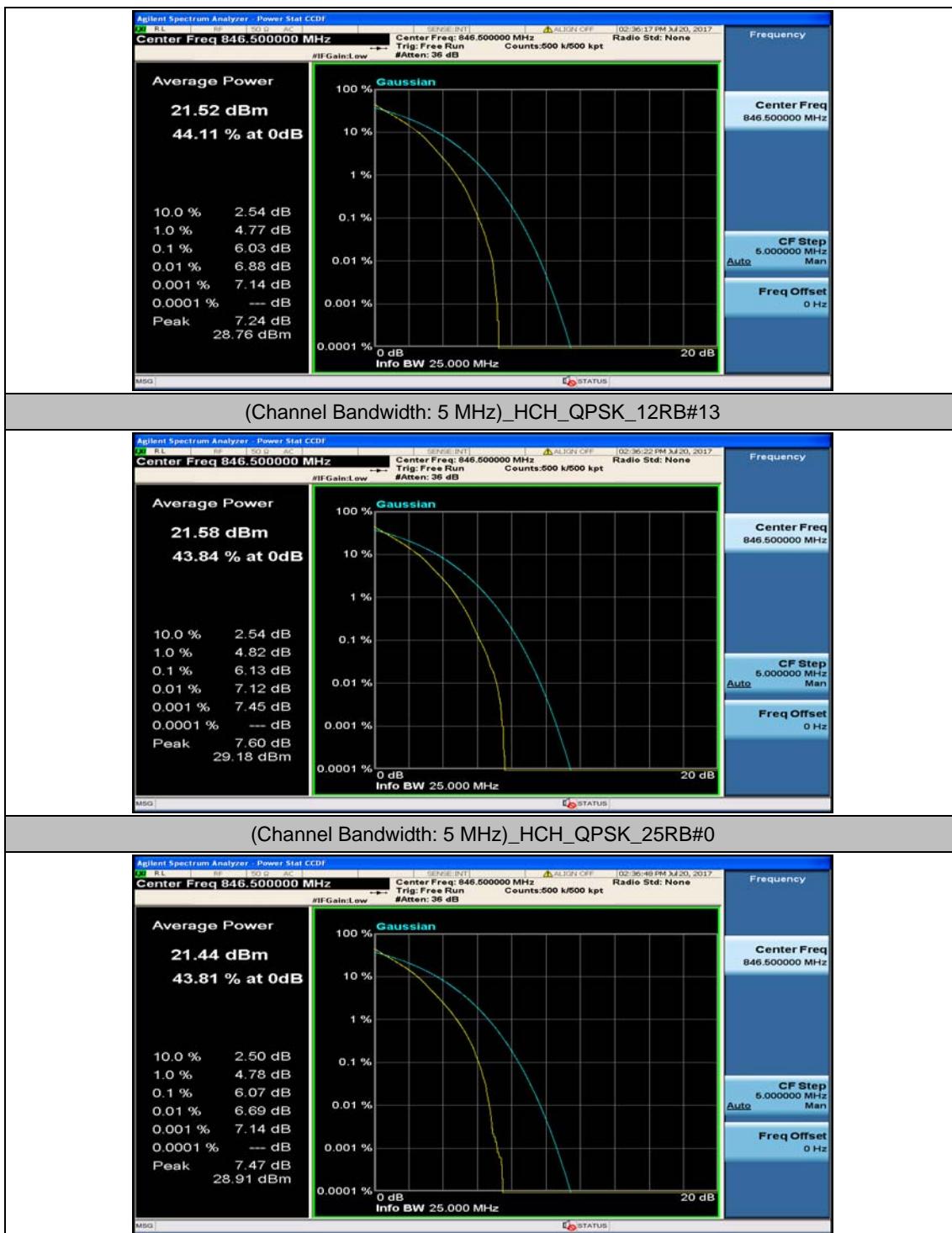


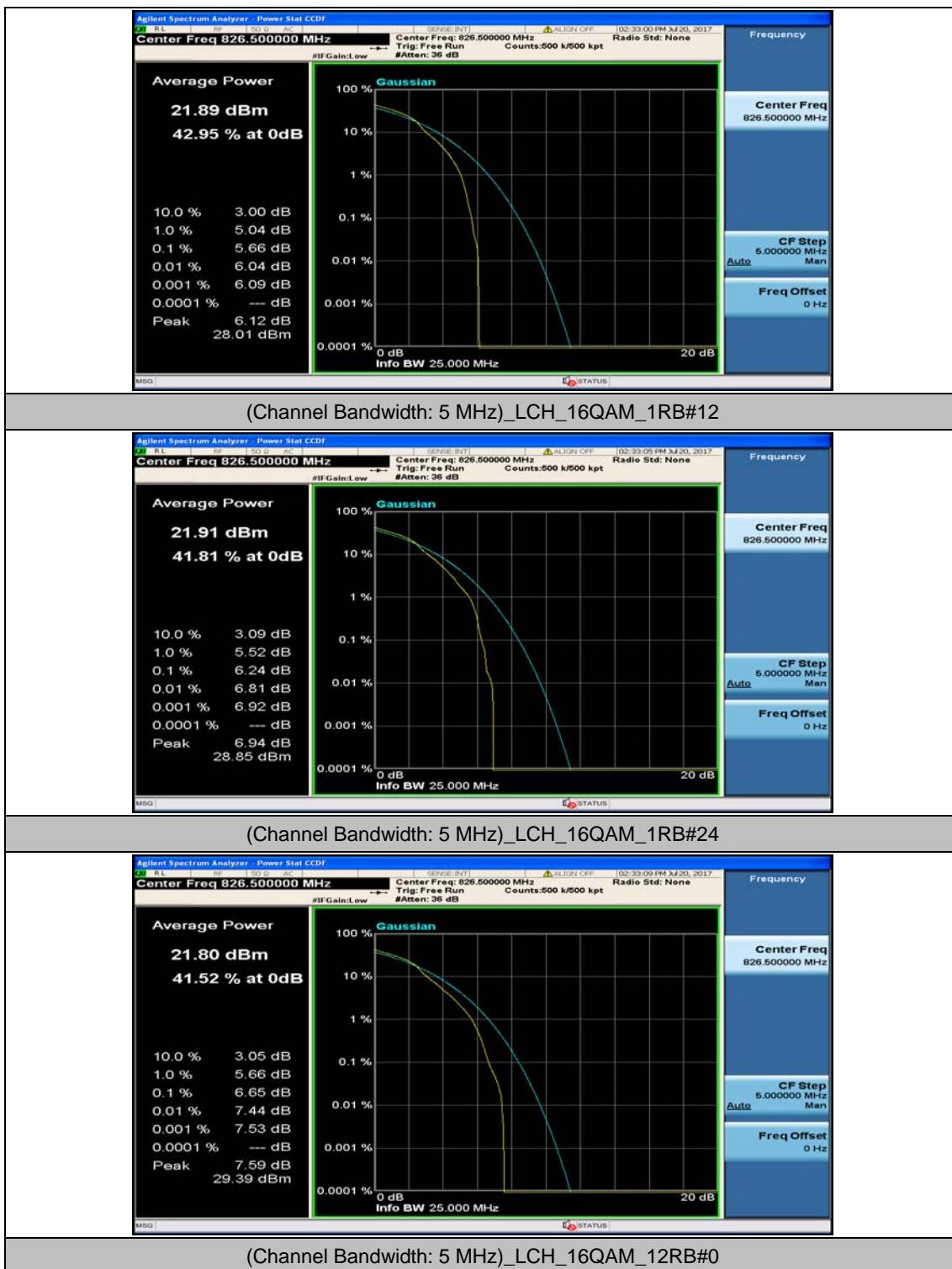
(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_1RB#24

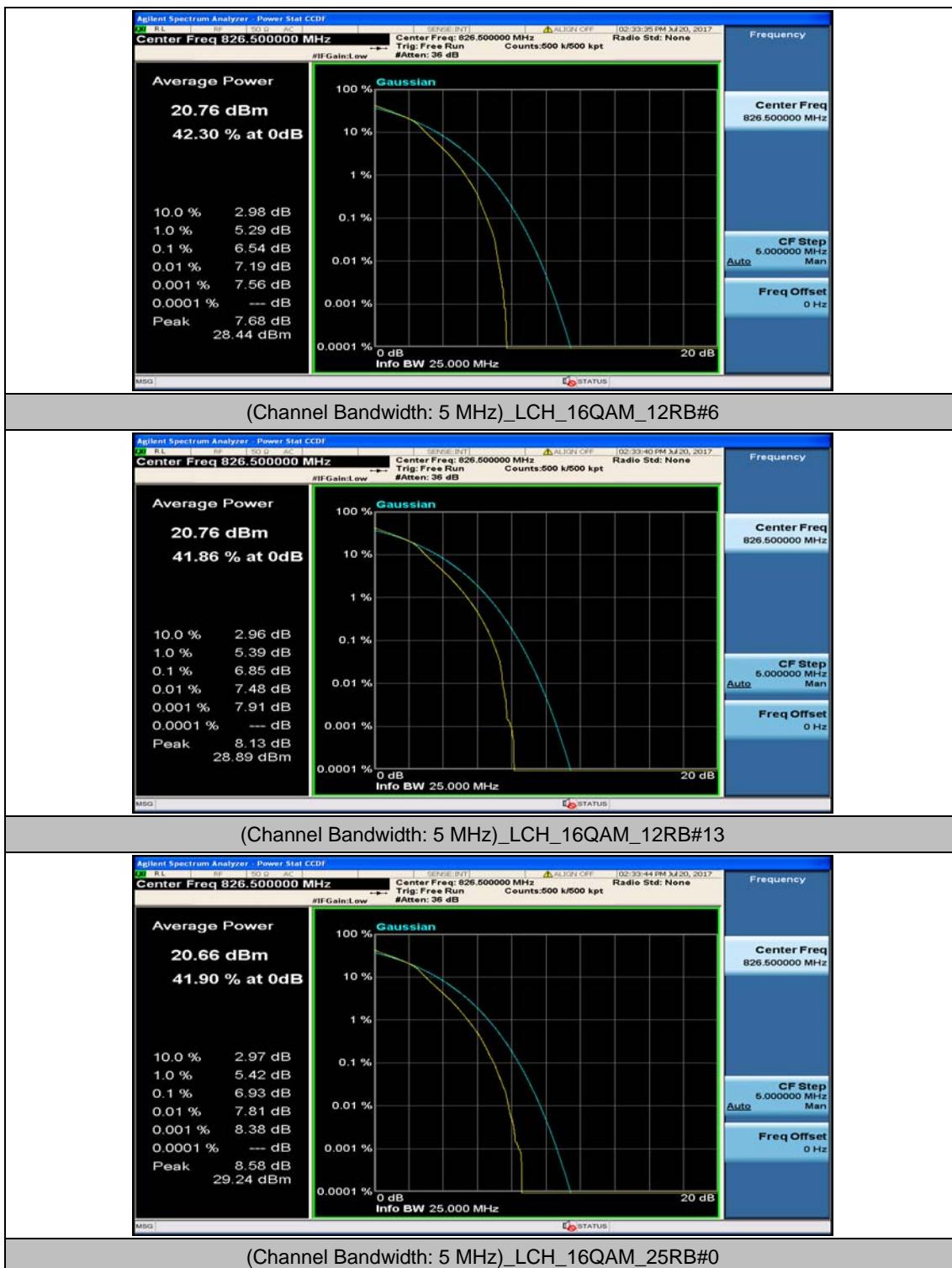


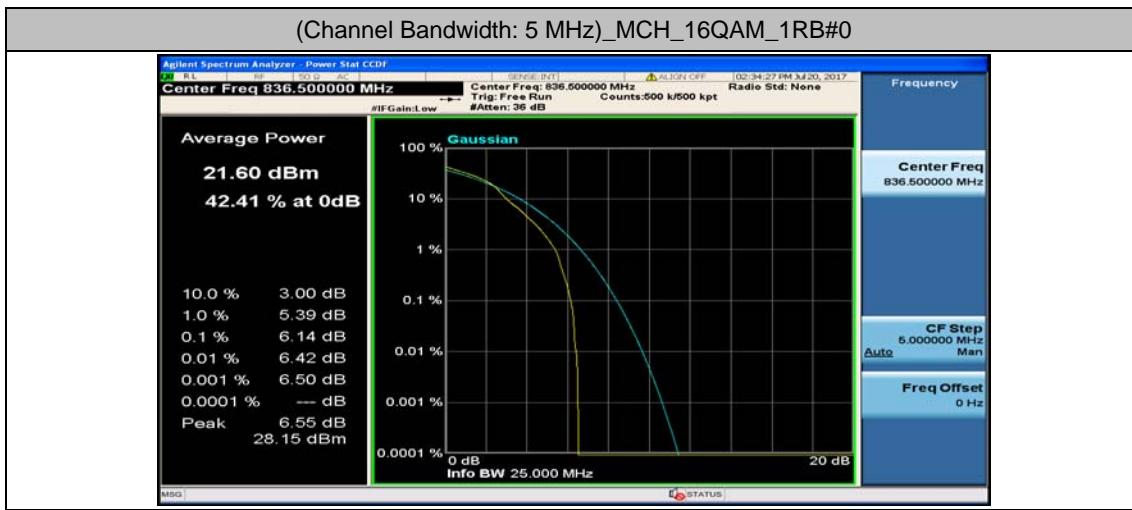
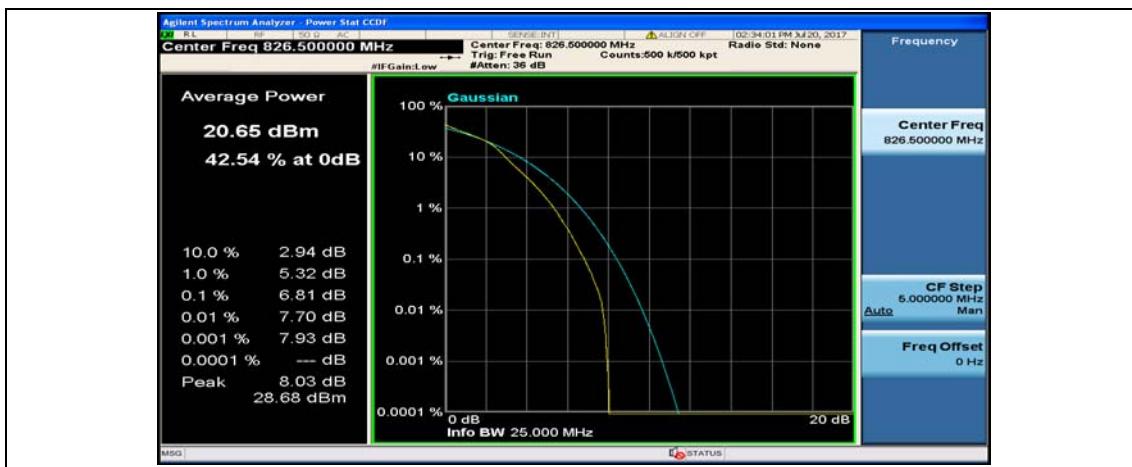


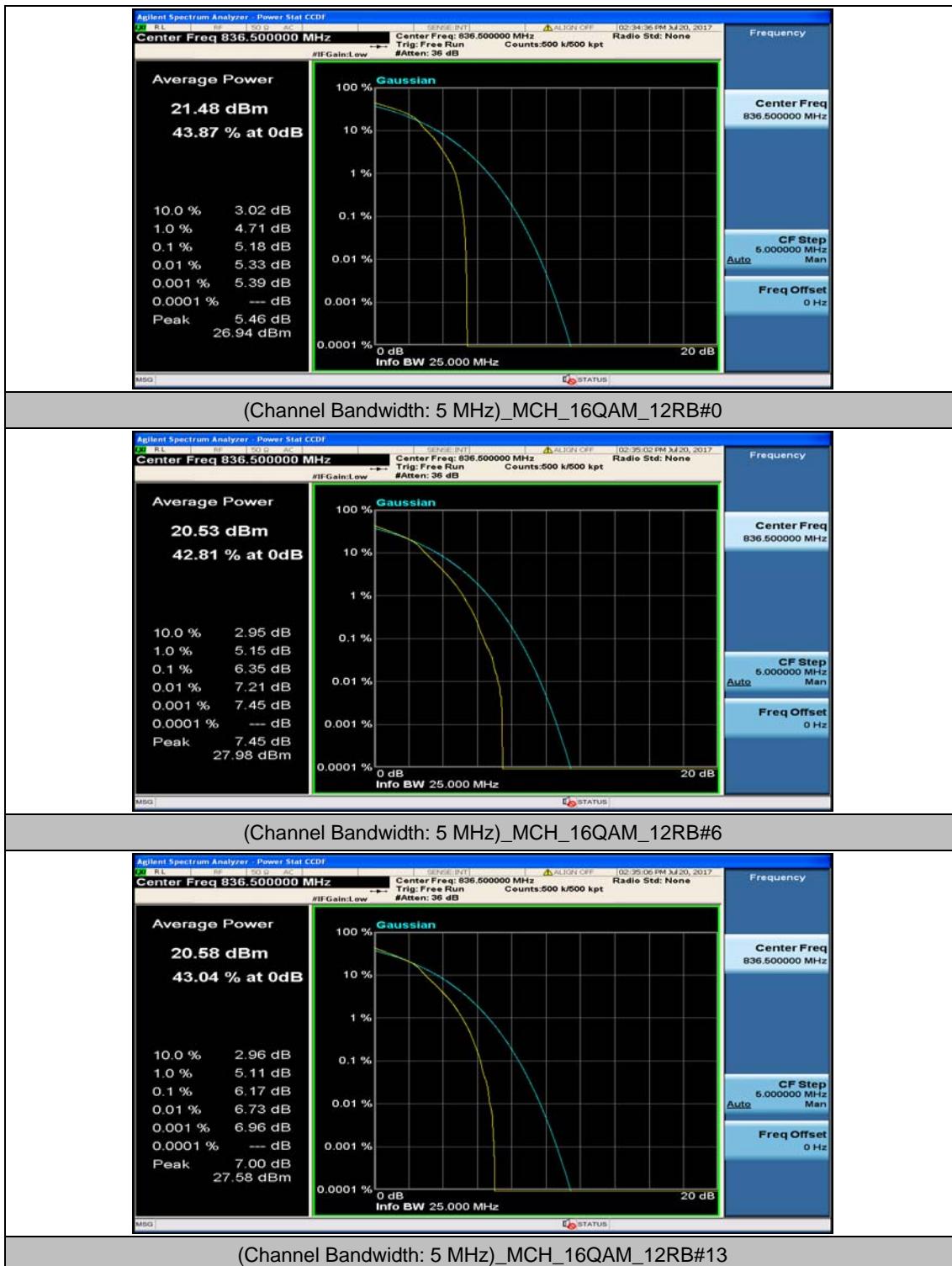


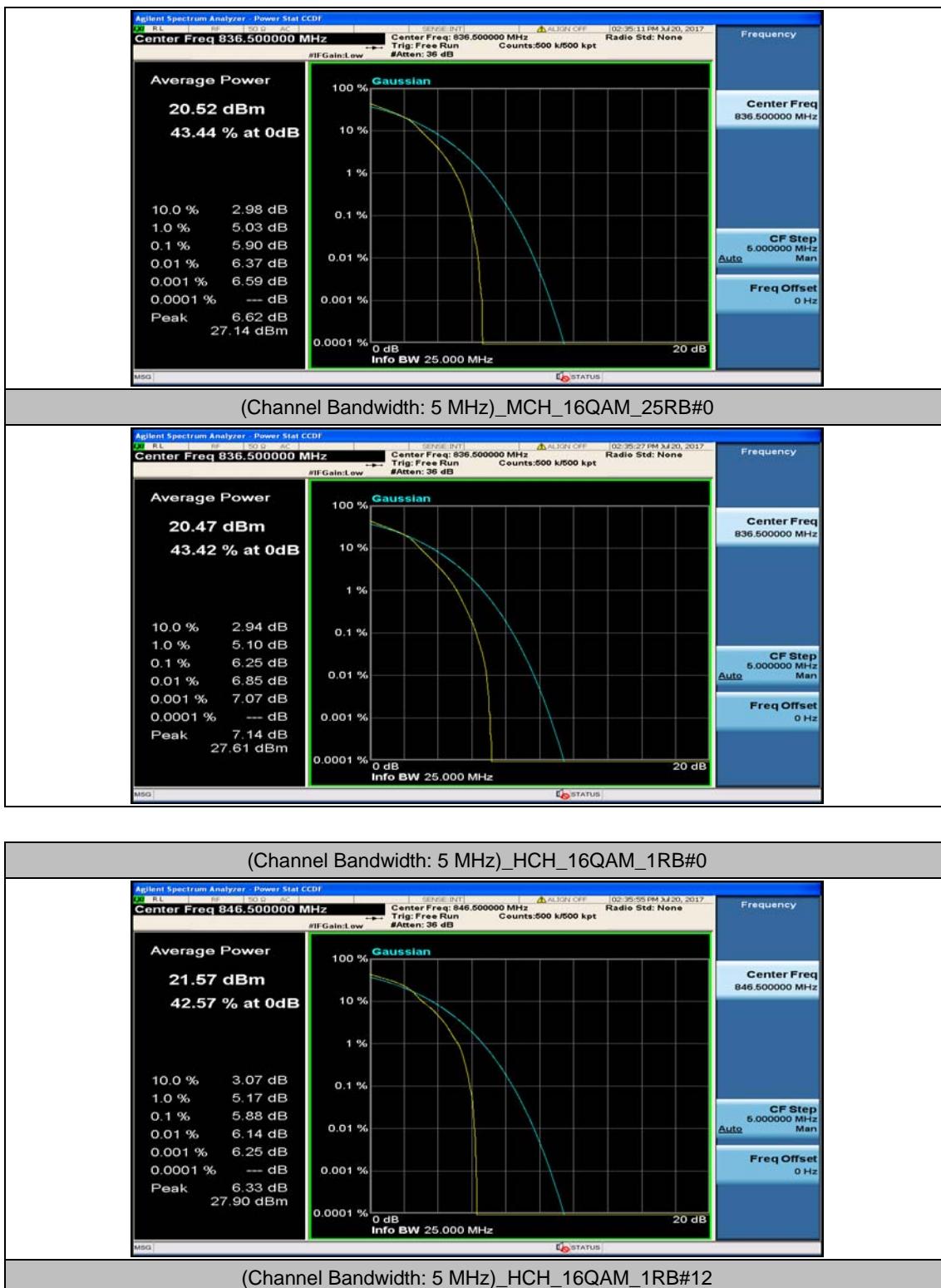


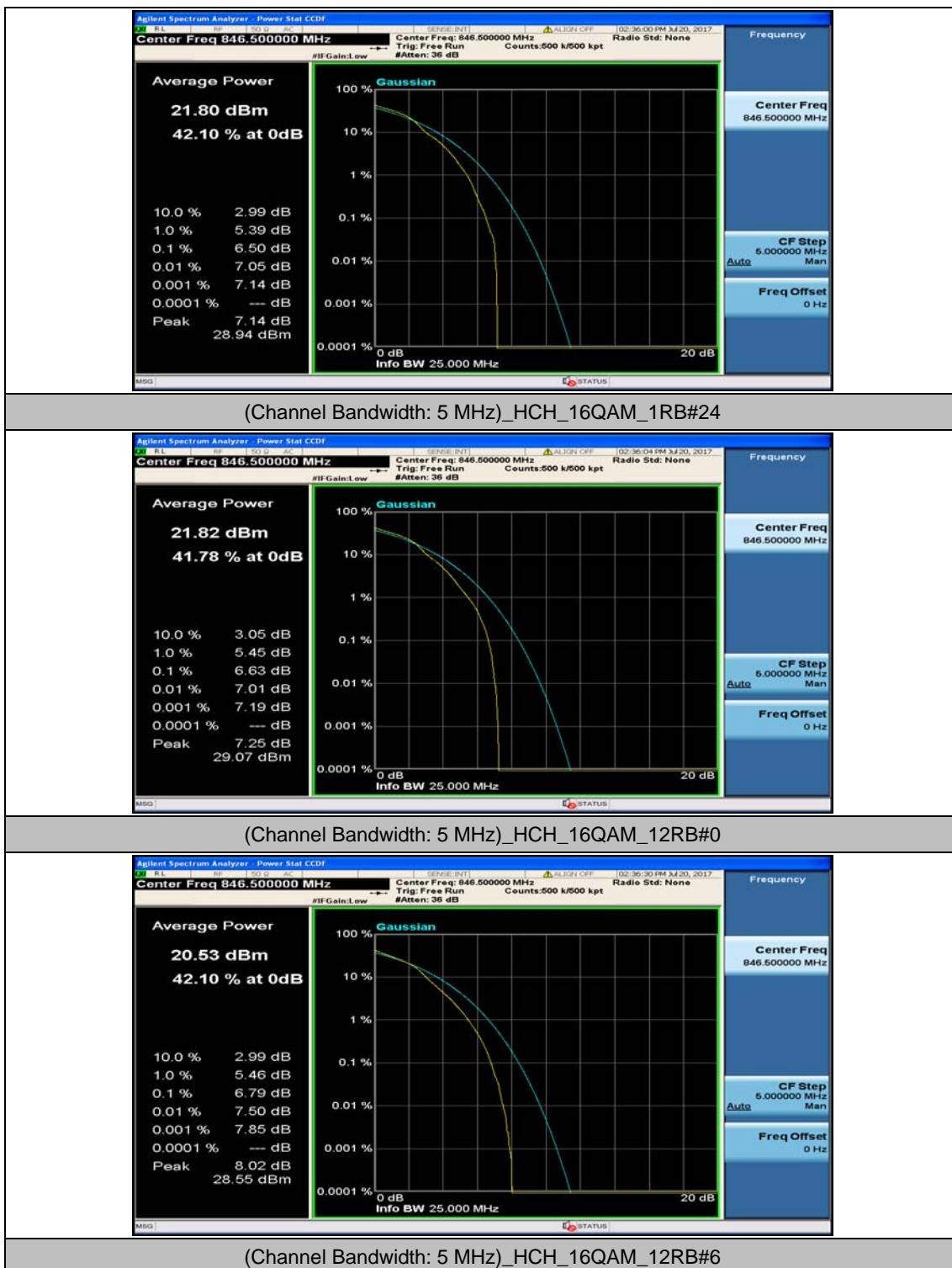


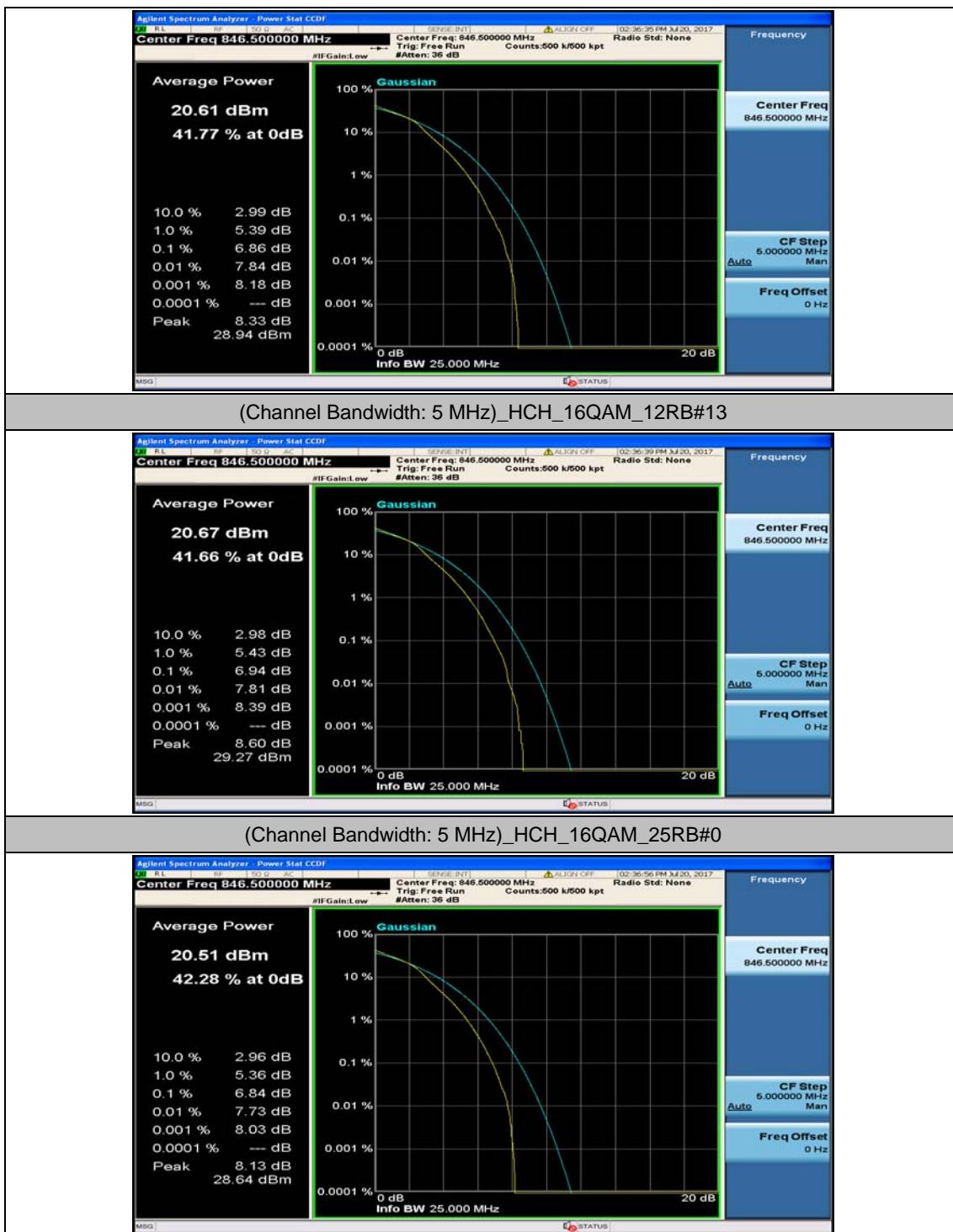


**(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_1RB#24**









## Channel Bandwidth: 10 MHz

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

