

## 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	23.01	PASS
		1	3	23.04	PASS
		1	5	22.96	PASS
		3	0	22.94	PASS
		3	2	22.91	PASS
		3	3	22.92	PASS
		6	0	22.03	PASS
	MCH	1	0	22.35	PASS
		1	3	22.36	PASS
		1	5	22.31	PASS
		3	0	22.35	PASS
		3	2	22.28	PASS
		3	3	22.31	PASS
		6	0	21.38	PASS
16QAM	HCH	1	0	22.26	PASS
		1	3	22.32	PASS
		1	5	22.28	PASS
		3	0	22.28	PASS
		3	2	22.30	PASS
		3	3	22.30	PASS
		6	0	21.35	PASS
	LCH	1	0	22.04	PASS
		1	3	22.14	PASS
		1	5	22.00	PASS
		3	0	21.97	PASS
		3	2	21.91	PASS
		3	3	21.93	PASS
		6	0	20.91	PASS
	MCH	1	0	21.64	PASS
		1	3	21.64	PASS
		1	5	21.55	PASS
		3	0	21.26	PASS
		3	2	21.22	PASS

		3	3	21.26	PASS
		6	0	20.33	PASS
HCH	HCH	1	0	21.44	PASS
		1	3	21.56	PASS
		1	5	21.45	PASS
		3	0	21.38	PASS
		3	2	21.34	PASS
		3	3	21.34	PASS
		6	0	20.33	PASS

### Channel Bandwidth: 3 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.88	PASS
		1	7	22.90	PASS
		1	14	22.72	PASS
		8	0	22.01	PASS
		8	4	21.96	PASS
		8	7	21.94	PASS
		15	0	21.93	PASS
	MCH	1	0	22.34	PASS
		1	7	22.38	PASS
		1	14	22.26	PASS
		8	0	21.44	PASS
		8	4	21.38	PASS
		8	7	21.38	PASS
		15	0	21.32	PASS
16QAM	LCH	1	0	22.18	PASS
		1	7	22.28	PASS
		1	14	22.19	PASS
		8	0	21.30	PASS
		8	4	21.33	PASS
		8	7	21.35	PASS
		15	0	21.33	PASS
	MCH	1	0	22.07	PASS
		1	7	22.09	PASS
		1	14	21.96	PASS
		8	0	21.00	PASS
		8	4	20.99	PASS
		8	7	20.94	PASS
		15	0	20.85	PASS

		1	7	21.65	PASS
		1	14	21.48	PASS
		8	0	20.40	PASS
		8	4	20.33	PASS
		8	7	20.33	PASS
		15	0	20.35	PASS
	HCH	1	0	21.47	PASS
		1	7	21.58	PASS
		1	14	21.46	PASS
		8	0	20.37	PASS
		8	4	20.38	PASS
		8	7	20.38	PASS
		15	0	20.35	PASS

### Channel Bandwidth: 5 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.07	PASS
		1	12	22.98	PASS
		1	24	22.75	PASS
		12	0	22.00	PASS
		12	6	21.91	PASS
		12	13	21.87	PASS
		25	0	21.86	PASS
	MCH	1	0	22.49	PASS
		1	12	22.44	PASS
		1	24	22.27	PASS
		12	0	21.45	PASS
		12	6	21.39	PASS
		12	13	21.37	PASS
		25	0	21.36	PASS
	HCH	1	0	22.38	PASS
		1	12	21.97	PASS
		1	24	22.35	PASS
		12	0	21.21	PASS
		12	6	21.06	PASS
		12	13	21.27	PASS
		25	0	21.25	PASS
16QAM	LCH	1	0	22.20	PASS
		1	12	22.17	PASS
		1	24	22.00	PASS
		12	0	21.01	PASS

		12	6	20.93	PASS
		12	13	20.89	PASS
		25	0	20.86	PASS
MCH		1	0	21.70	PASS
		1	12	21.59	PASS
		1	24	21.38	PASS
		12	0	20.56	PASS
		12	6	20.49	PASS
		12	13	20.43	PASS
		25	0	20.36	PASS
HCH		1	0	21.63	PASS
		1	12	21.42	PASS
		1	24	21.58	PASS
		12	0	20.40	PASS
		12	6	20.35	PASS
		12	13	20.43	PASS
		25	0	20.33	PASS

### Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.96	PASS
		1	24	22.69	PASS
		1	49	22.45	PASS
		25	0	21.89	PASS
		25	12	21.75	PASS
		25	25	21.65	PASS
		50	0	21.78	PASS
	MCH	1	0	22.58	PASS
		1	24	22.39	PASS
		1	49	22.24	PASS
		25	0	21.49	PASS
		25	12	21.38	PASS
		25	25	21.28	PASS
		50	0	21.40	PASS
	HCH	1	0	22.29	PASS
		1	24	22.24	PASS
		1	49	22.28	PASS
		25	0	21.29	PASS
		25	12	21.31	PASS
		25	25	21.14	PASS
		50	0	21.34	PASS

16QAM	LCH	1	0	22.17	PASS
		1	24	22.00	PASS
		1	49	21.74	PASS
		25	0	20.90	PASS
		25	12	20.76	PASS
		25	25	20.66	PASS
		50	0	20.78	PASS
	MCH	1	0	21.96	PASS
		1	24	21.65	PASS
		1	49	21.53	PASS
		25	0	20.51	PASS
		25	12	20.39	PASS
		25	25	20.31	PASS
		50	0	20.44	PASS
	HCH	1	0	21.49	PASS
		1	24	21.54	PASS
		1	49	21.56	PASS
		25	0	20.31	PASS
		25	12	20.33	PASS
		25	25	20.33	PASS
		50	0	20.33	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	3.30	<13	PASS
		1	3	3.24	<13	PASS
		1	5	3.36	<13	PASS
		3	0	3.29	<13	PASS
		3	2	3.28	<13	PASS
		3	3	3.28	<13	PASS
		6	0	4.22	<13	PASS
	MCH	1	0	3.67	<13	PASS
		1	3	3.46	<13	PASS
		1	5	3.45	<13	PASS
		3	0	3.70	<13	PASS
		3	2	3.59	<13	PASS
		3	3	3.52	<13	PASS
		6	0	4.45	<13	PASS
16QAM	LCH	1	0	4.11	<13	PASS
		1	3	3.99	<13	PASS
		1	5	3.91	<13	PASS
		3	0	4.24	<13	PASS
		3	2	4.19	<13	PASS
		3	3	4.12	<13	PASS
		6	0	5.02	<13	PASS
	MCH	1	0	4.37	<13	PASS
		1	3	4.24	<13	PASS
		1	5	4.35	<13	PASS
		3	0	4.26	<13	PASS
		3	2	4.26	<13	PASS
		3	3	4.27	<13	PASS
		6	0	5.15	<13	PASS

		3	3	4.49	<13	PASS
		6	0	5.37	<13	PASS
HCH		1	0	5.18	<13	PASS
		1	3	5.03	<13	PASS
		1	5	5.03	<13	PASS
		3	0	5.25	<13	PASS
		3	2	5.09	<13	PASS
		3	3	5.1	<13	PASS
		6	0	5.97	<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	3.31	<13	PASS
		1	7	3.34	<13	PASS
		1	14	3.7	<13	PASS
		8	0	4.19	<13	PASS
		8	4	4.27	<13	PASS
		8	7	4.36	<13	PASS
		15	0	4.40	<13	PASS
	MCH	1	0	3.92	<13	PASS
		1	7	3.51	<13	PASS
		1	14	3.28	<13	PASS
		8	0	4.72	<13	PASS
		8	4	4.45	<13	PASS
		8	7	4.32	<13	PASS
		15	0	4.61	<13	PASS
	HCH	1	0	4.45	<13	PASS
		1	7	4.16	<13	PASS
		1	14	3.89	<13	PASS
		8	0	5.40	<13	PASS
		8	4	5.17	<13	PASS
		8	7	5.09	<13	PASS
		15	0	5.23	<13	PASS
16QAM	LCH	1	0	4.34	<13	PASS
		1	7	4.50	<13	PASS
		1	14	4.74	<13	PASS
		8	0	5.09	<13	PASS
		8	4	5.11	<13	PASS
		8	7	5.18	<13	PASS

		15	0	5.30	<13	PASS
MCH	1	0	4.98	<13	PASS	
	1	7	4.59	<13	PASS	
	1	14	4.39	<13	PASS	
	8	0	5.59	<13	PASS	
	8	4	5.27	<13	PASS	
	8	7	5.23	<13	PASS	
	15	0	5.47	<13	PASS	
HCH	1	0	5.63	<13	PASS	
	1	7	5.34	<13	PASS	
	1	14	5.13	<13	PASS	
	8	0	5.91	<13	PASS	
	8	4	5.95	<13	PASS	
	8	7	5.85	<13	PASS	
	15	0	6.24	<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	3.31	<13	PASS
		1	12	3.62	<13	PASS
		1	24	4.19	<13	PASS
		12	0	4.32	<13	PASS
		12	6	4.51	<13	PASS
		12	13	4.87	<13	PASS
		25	0	4.68	<13	PASS
QPSK	MCH	1	0	4.09	<13	PASS
		1	12	3.60	<13	PASS
		1	24	3.34	<13	PASS
		12	0	4.77	<13	PASS
		12	6	4.54	<13	PASS
		12	13	4.25	<13	PASS
		25	0	4.68	<13	PASS
QPSK	HCH	1	0	4.50	<13	PASS
		1	12	4.68	<13	PASS
		1	24	4.02	<13	PASS
		12	0	5.46	<13	PASS
		12	6	5.52	<13	PASS
		12	13	5.23	<13	PASS
		25	0	5.44	<13	PASS

16QAM	LCH	1	0	4.29	<13	PASS
		1	12	4.67	<13	PASS
		1	24	5.17	<13	PASS
		12	0	5.21	<13	PASS
		12	6	5.42	<13	PASS
		12	13	5.66	<13	PASS
		25	0	5.45	<13	PASS
	MCH	1	0	5.19	<13	PASS
		1	12	4.66	<13	PASS
		1	24	4.34	<13	PASS
		12	0	5.66	<13	PASS
		12	6	5.39	<13	PASS
		12	13	5.16	<13	PASS
		25	0	5.51	<13	PASS
	HCH	1	0	5.51	<13	PASS
		1	12	5.65	<13	PASS
		1	24	5.03	<13	PASS
		12	0	6.25	<13	PASS
		12	6	6.32	<13	PASS
		12	13	6.08	<13	PASS
		25	0	6.10	<13	PASS

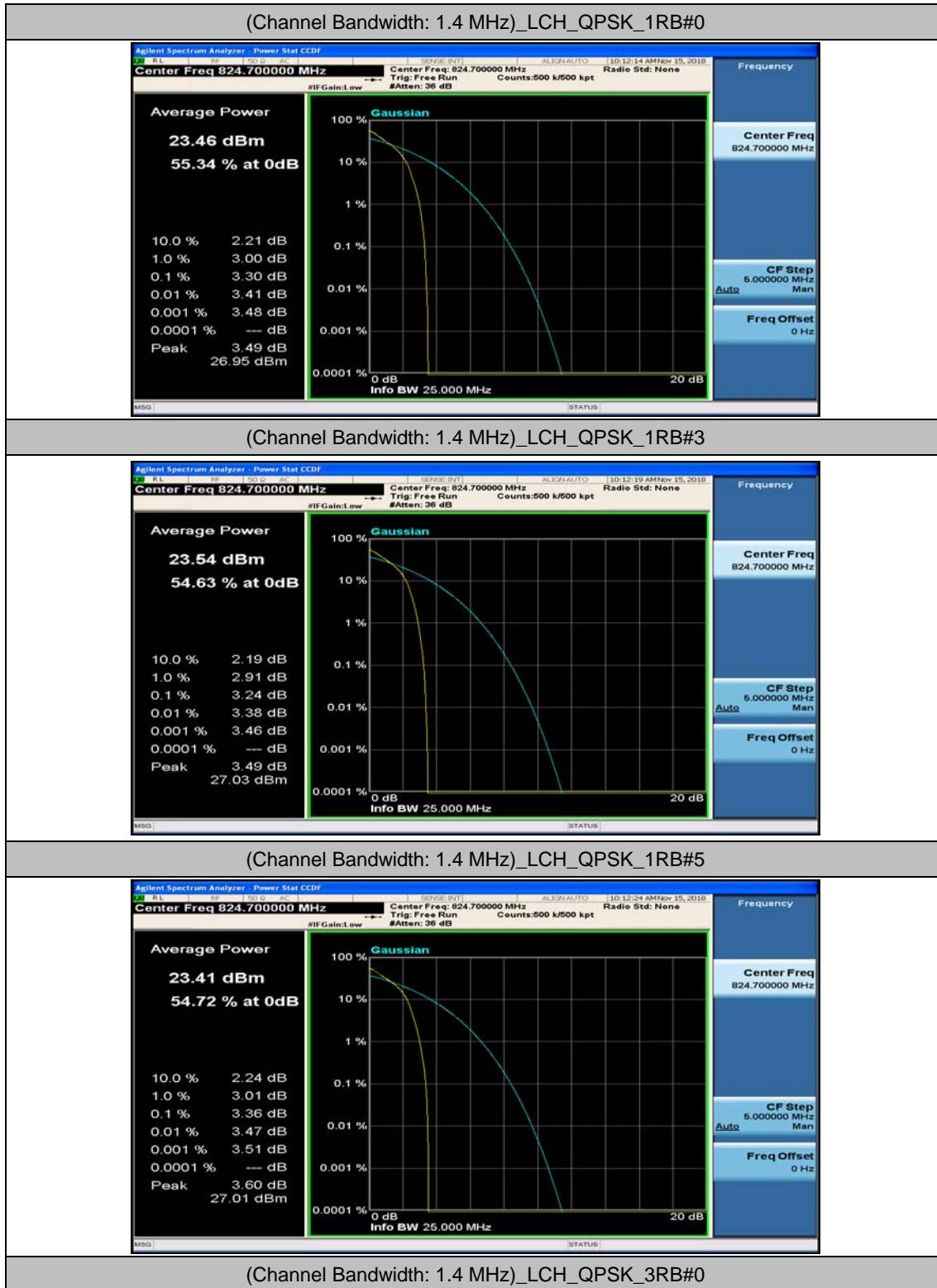
### Channel Bandwidth: 10 MHz

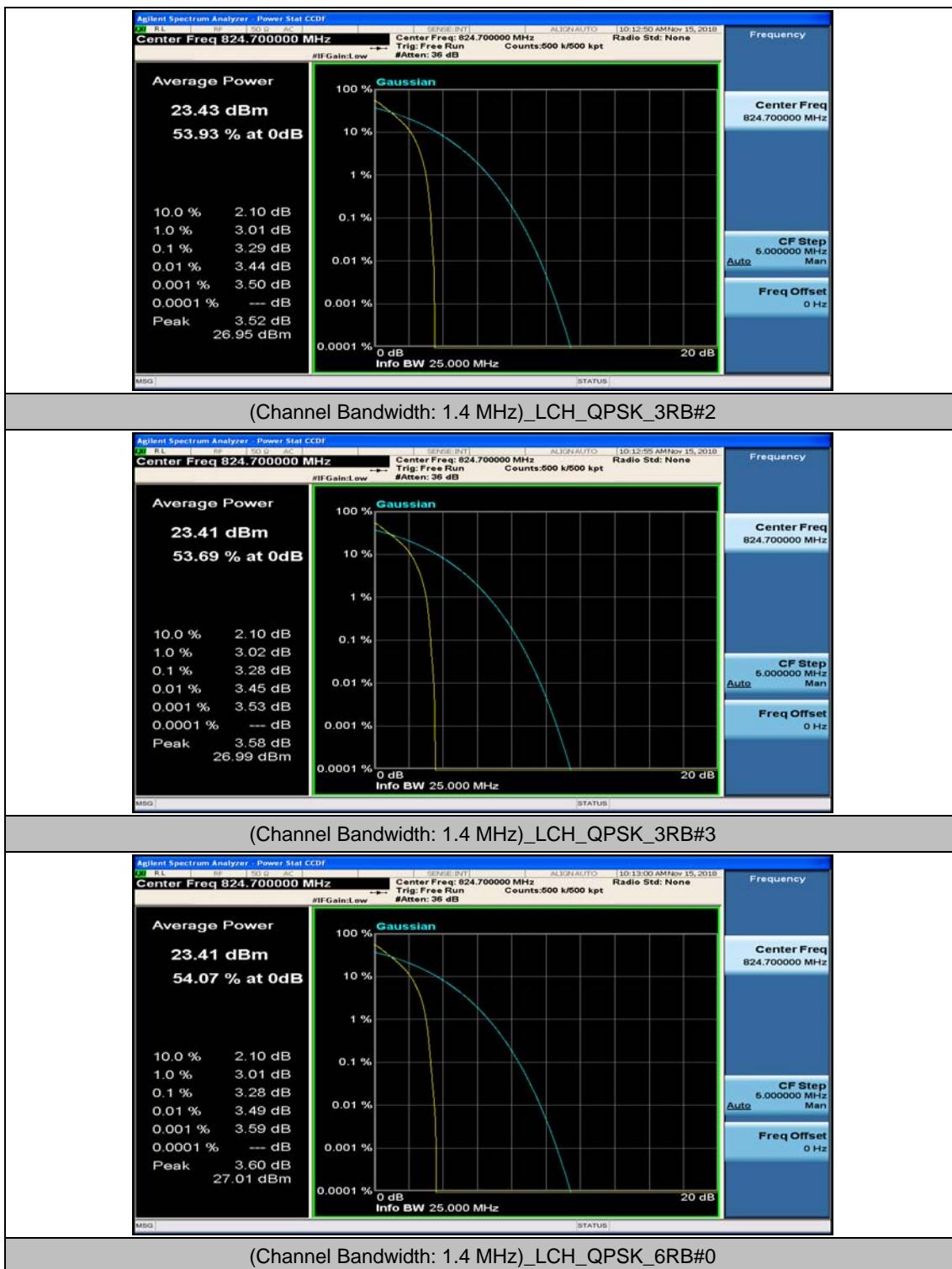
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.28	<13	PASS
		1	24	4.15	<13	PASS
		1	49	4.17	<13	PASS
		25	0	4.68	<13	PASS
		25	12	5.14	<13	PASS
		25	25	5.38	<13	PASS
		50	0	5.11	<13	PASS
	MCH	1	0	4.21	<13	PASS
		1	24	3.41	<13	PASS
		1	49	3.48	<13	PASS
		25	0	5.10	<13	PASS
		25	12	4.67	<13	PASS
		25	25	4.35	<13	PASS
		50	0	4.88	<13	PASS
	HCH	1	0	3.3	<13	PASS

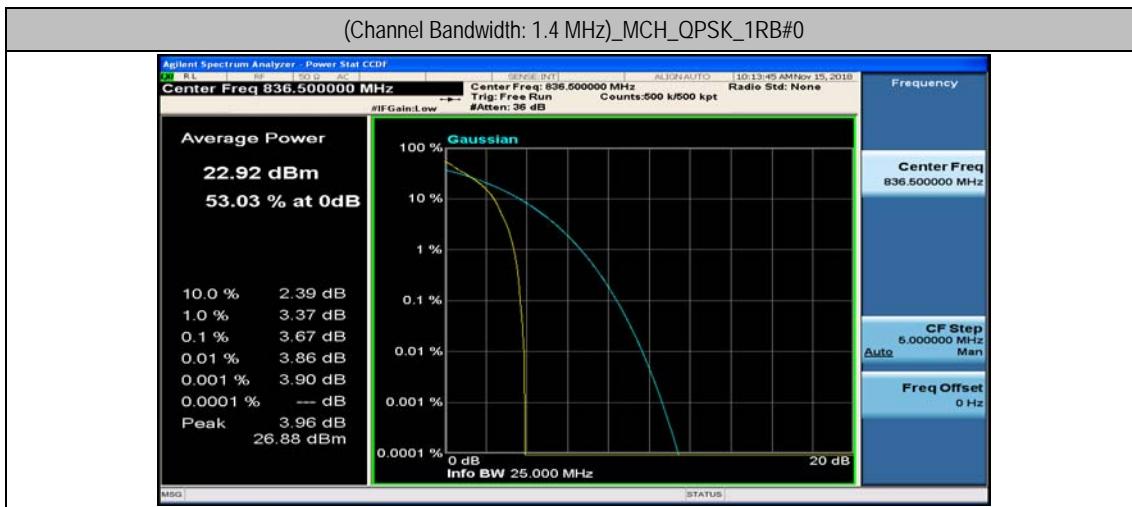
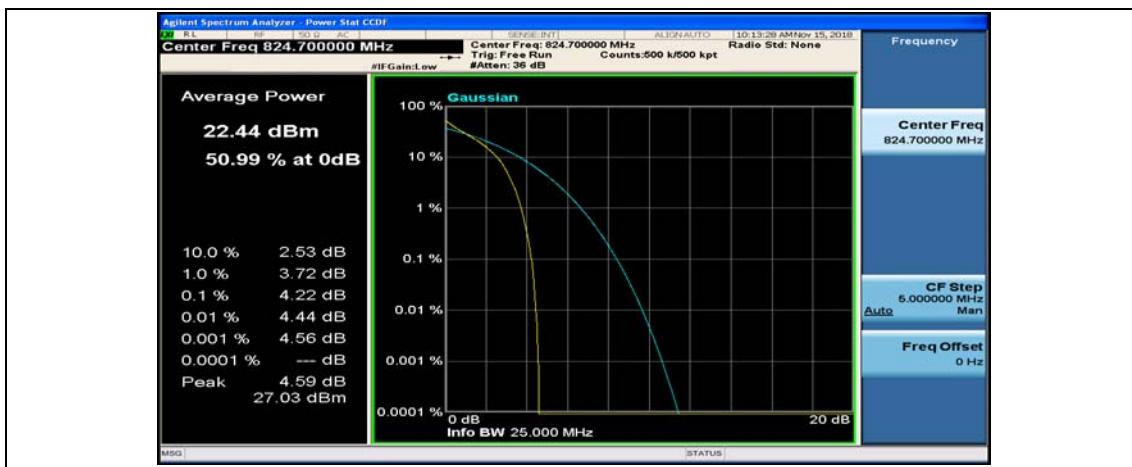
		1	24	4.31	<13	PASS
		1	49	3.88	<13	PASS
		25	0	4.72	<13	PASS
		25	12	5.24	<13	PASS
		25	25	5.45	<13	PASS
		50	0	5.14	<13	PASS
16QAM	LCH	1	0	4.41	<13	PASS
		1	24	5.15	<13	PASS
		1	49	5.28	<13	PASS
		25	0	5.47	<13	PASS
		25	12	5.97	<13	PASS
		25	25	6.11	<13	PASS
		50	0	5.91	<13	PASS
	MCH	1	0	5.34	<13	PASS
		1	24	4.57	<13	PASS
		1	49	4.54	<13	PASS
		25	0	5.87	<13	PASS
		25	12	5.57	<13	PASS
		25	25	5.25	<13	PASS
		50	0	5.66	<13	PASS
	HCH	1	0	4.30	<13	PASS
		1	24	5.35	<13	PASS
		1	49	5.08	<13	PASS
		25	0	5.55	<13	PASS
		25	12	6.04	<13	PASS
		25	25	6.22	<13	PASS
		50	0	5.89	<13	PASS

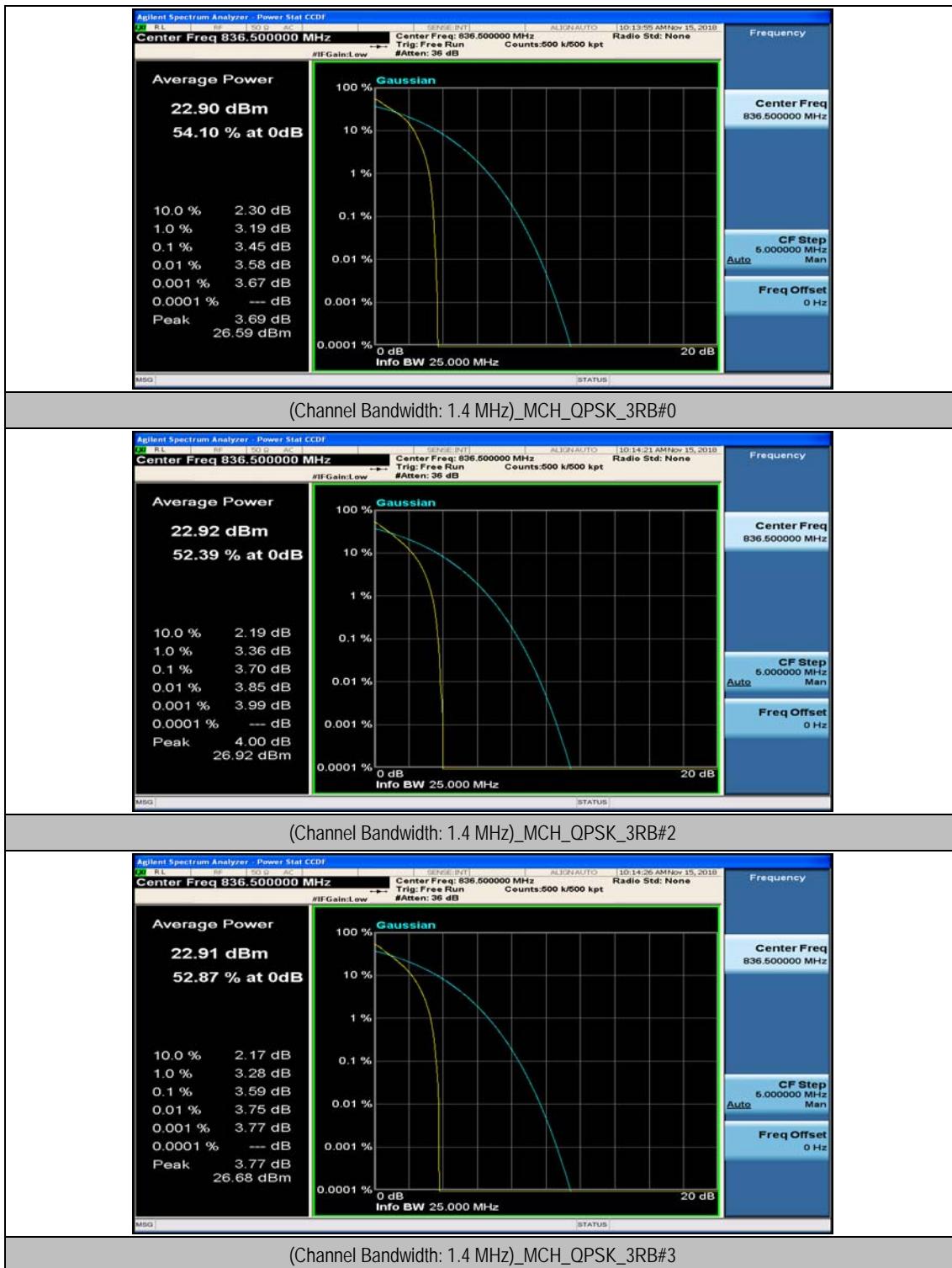
## Test Graphs

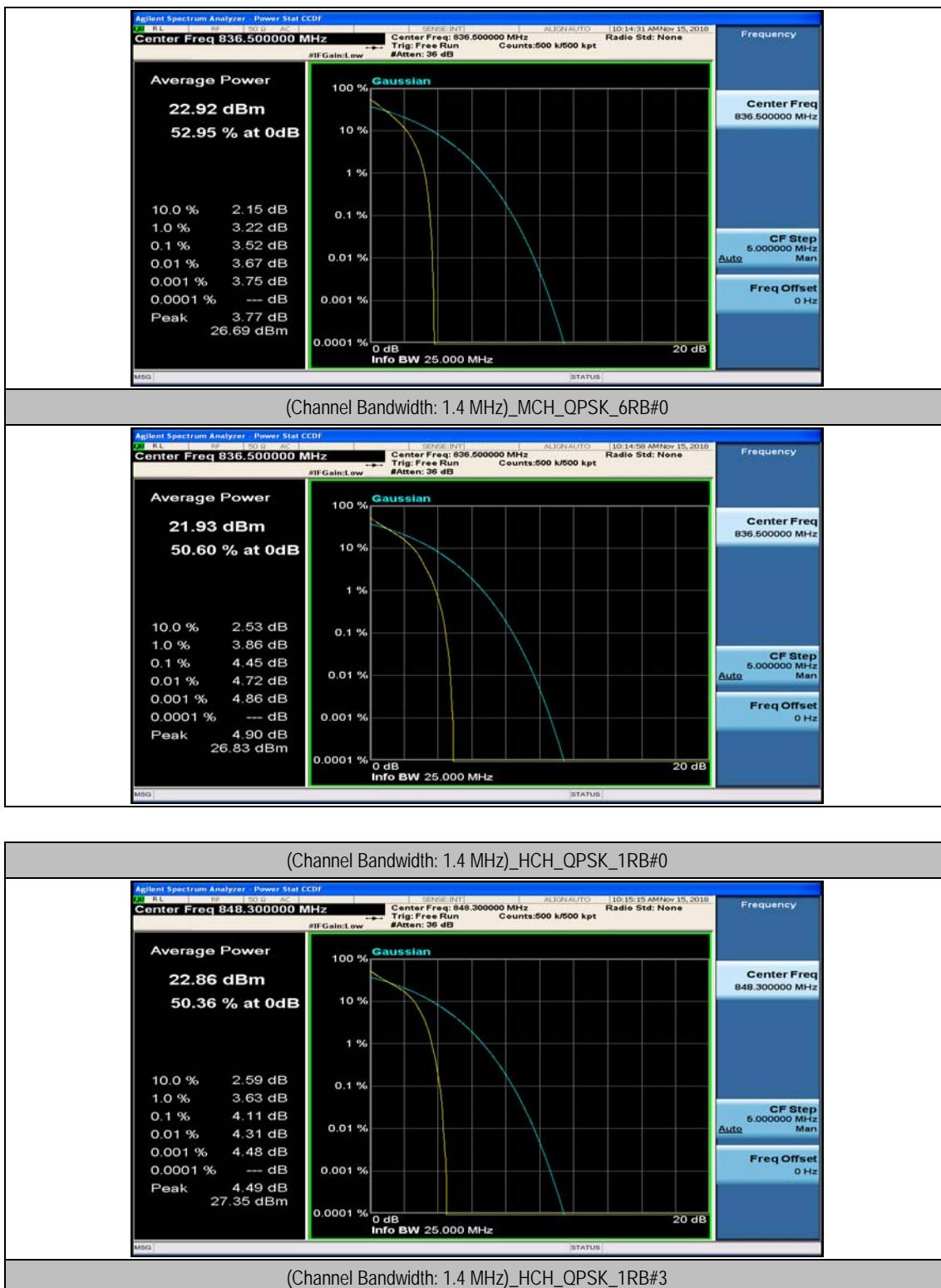
### Channel Bandwidth: 1.4 MHz

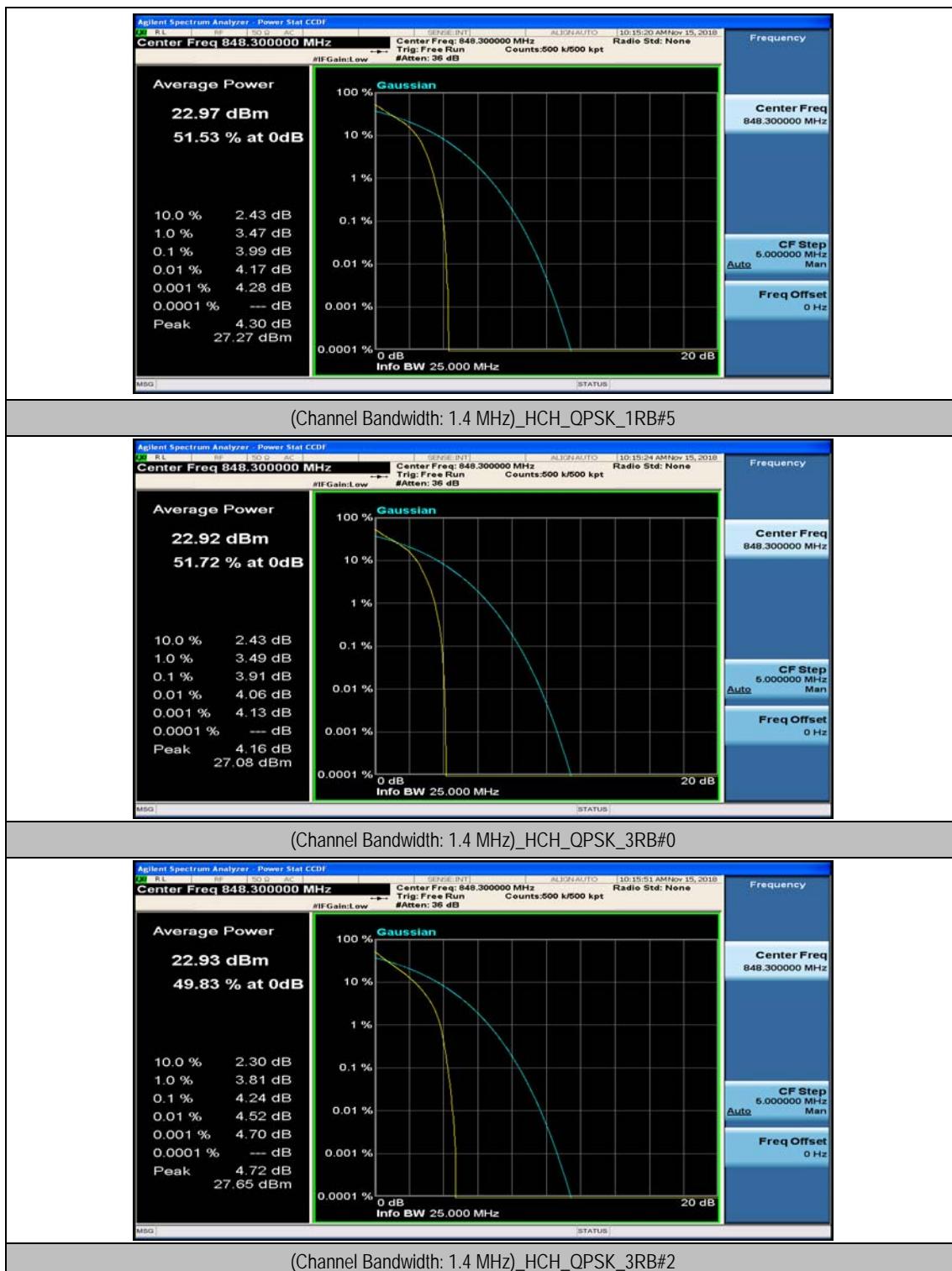


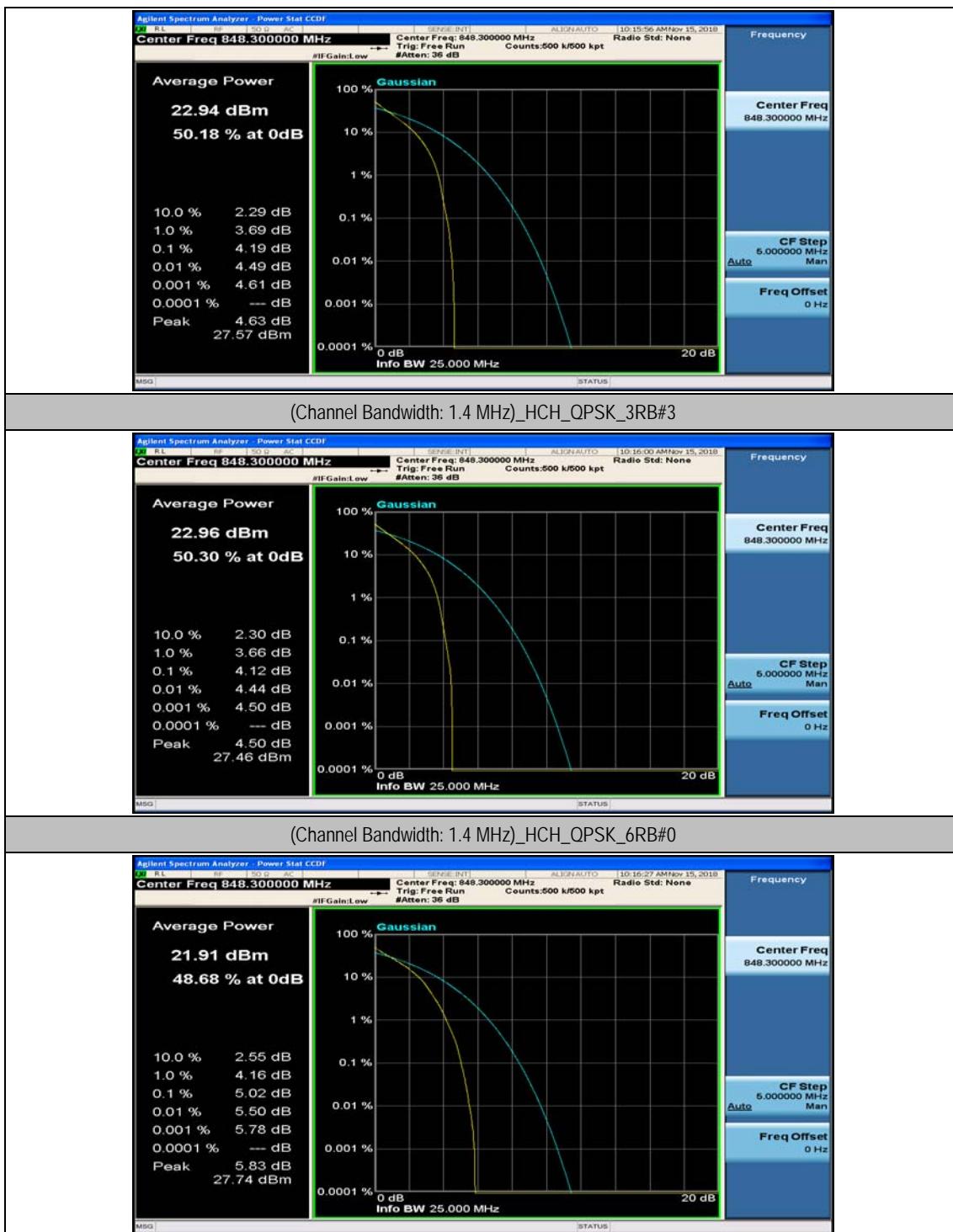


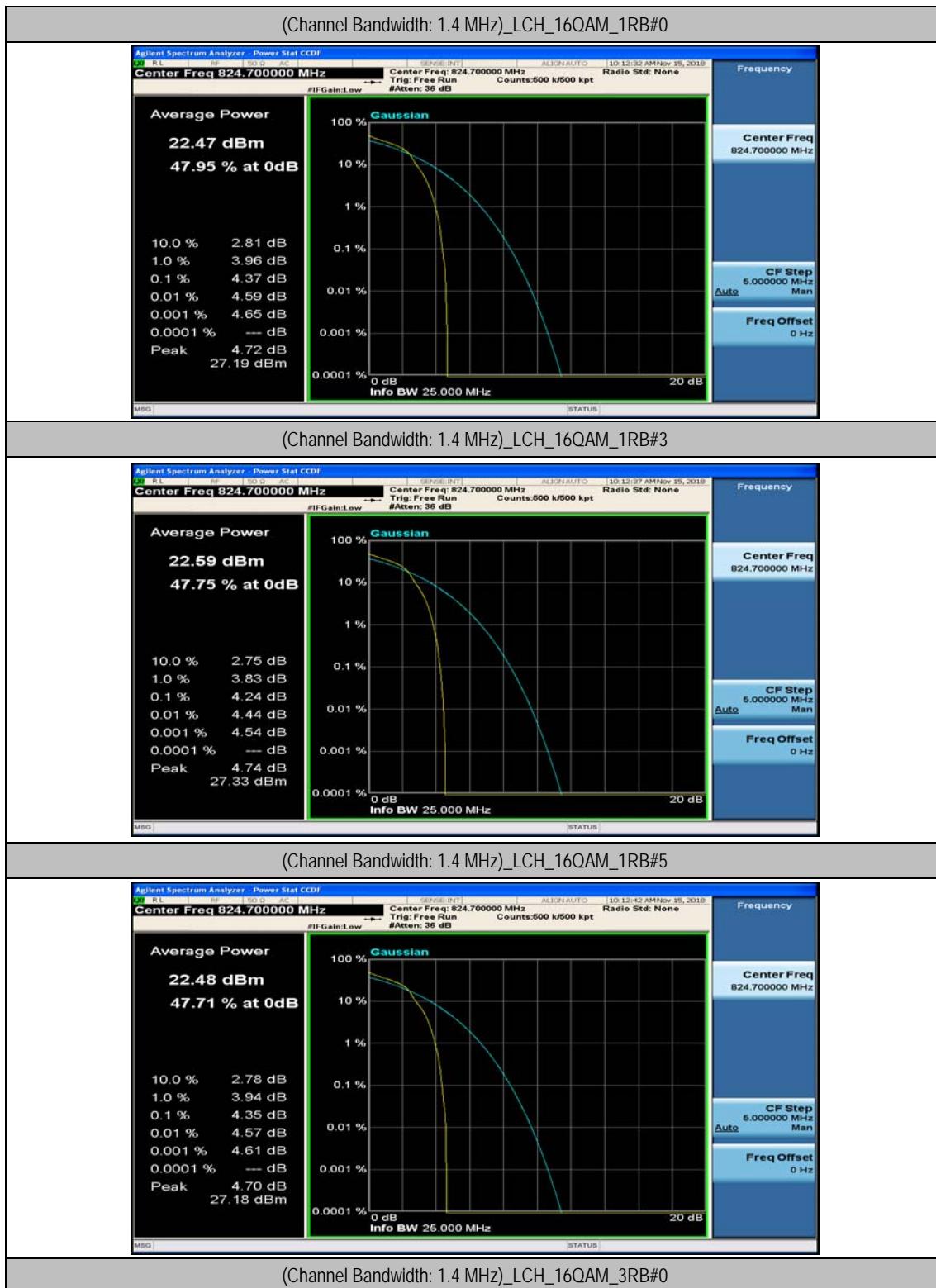


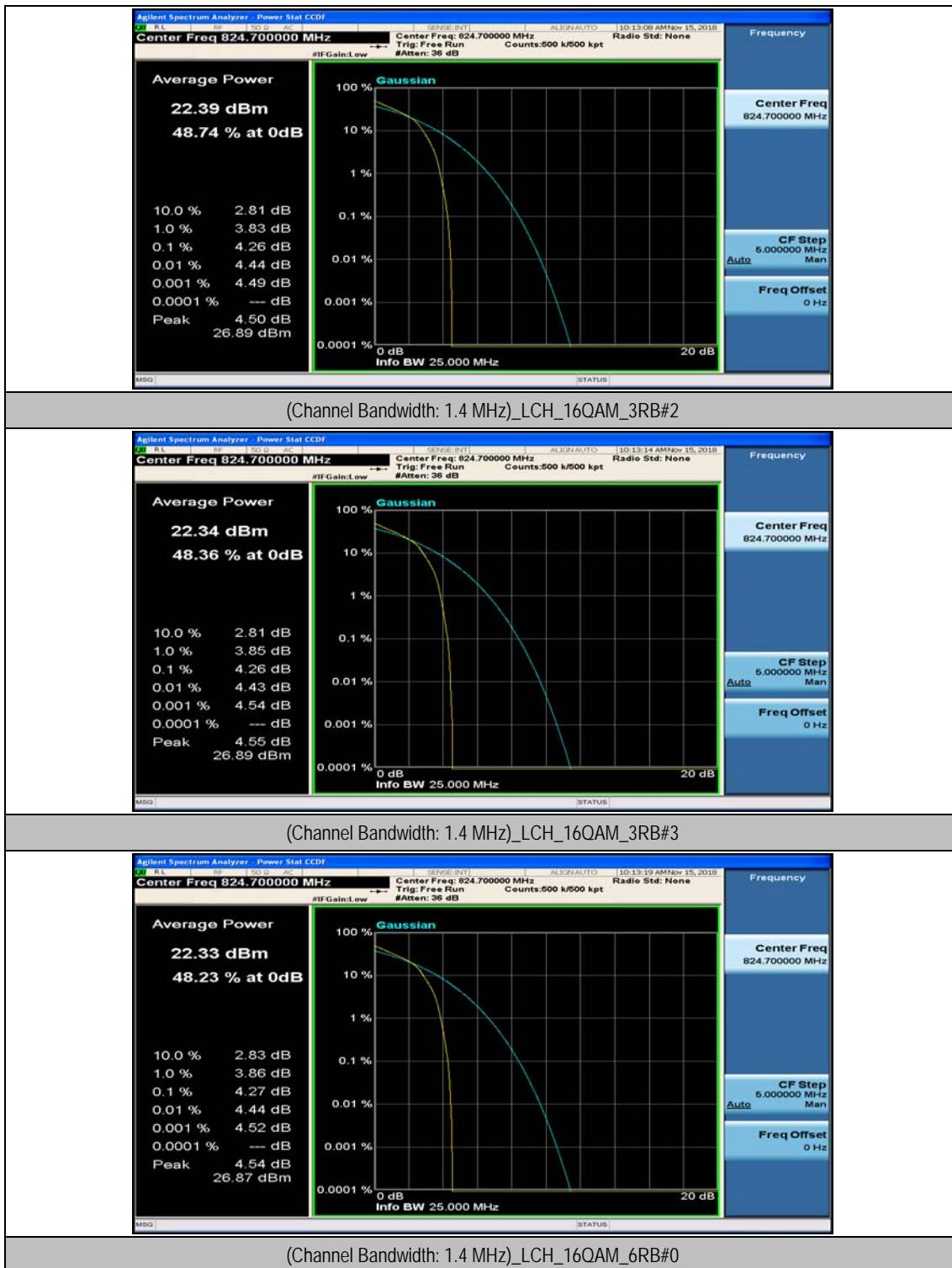


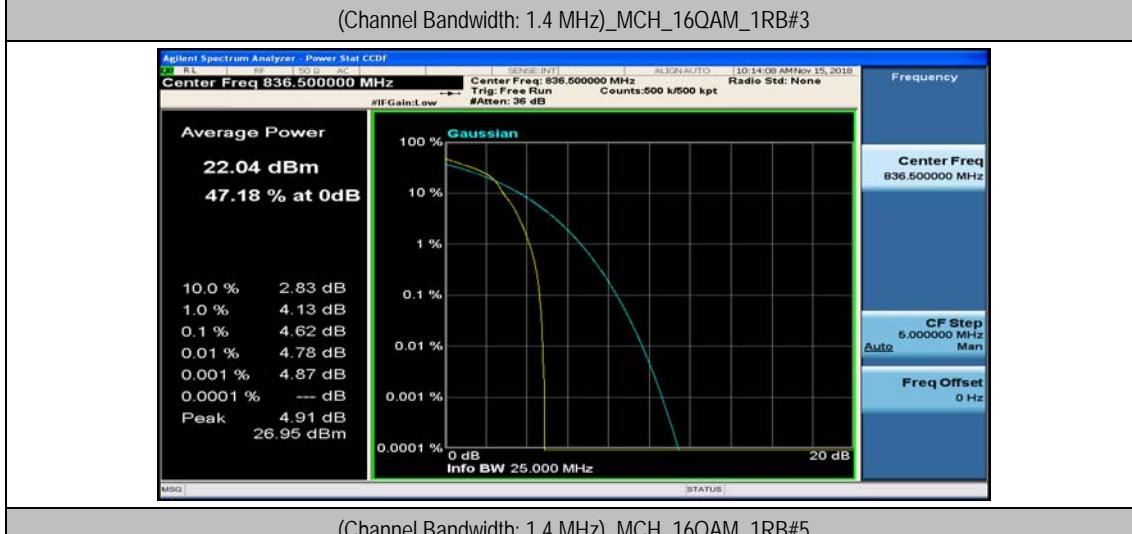
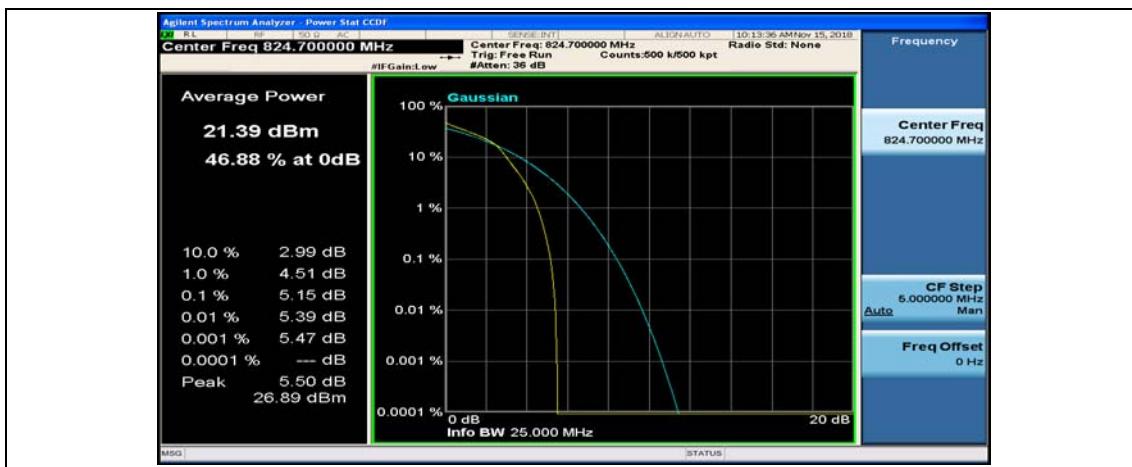


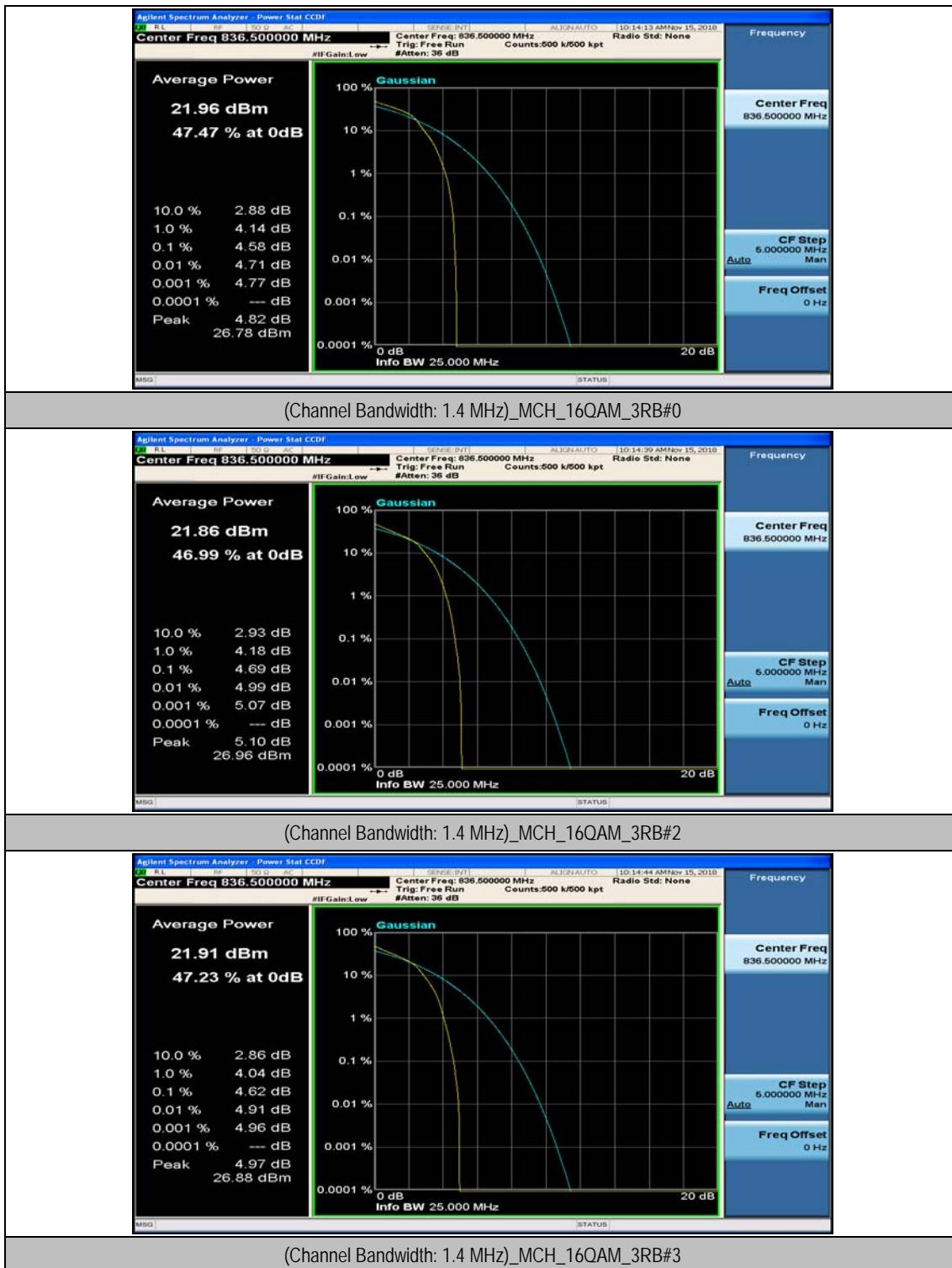


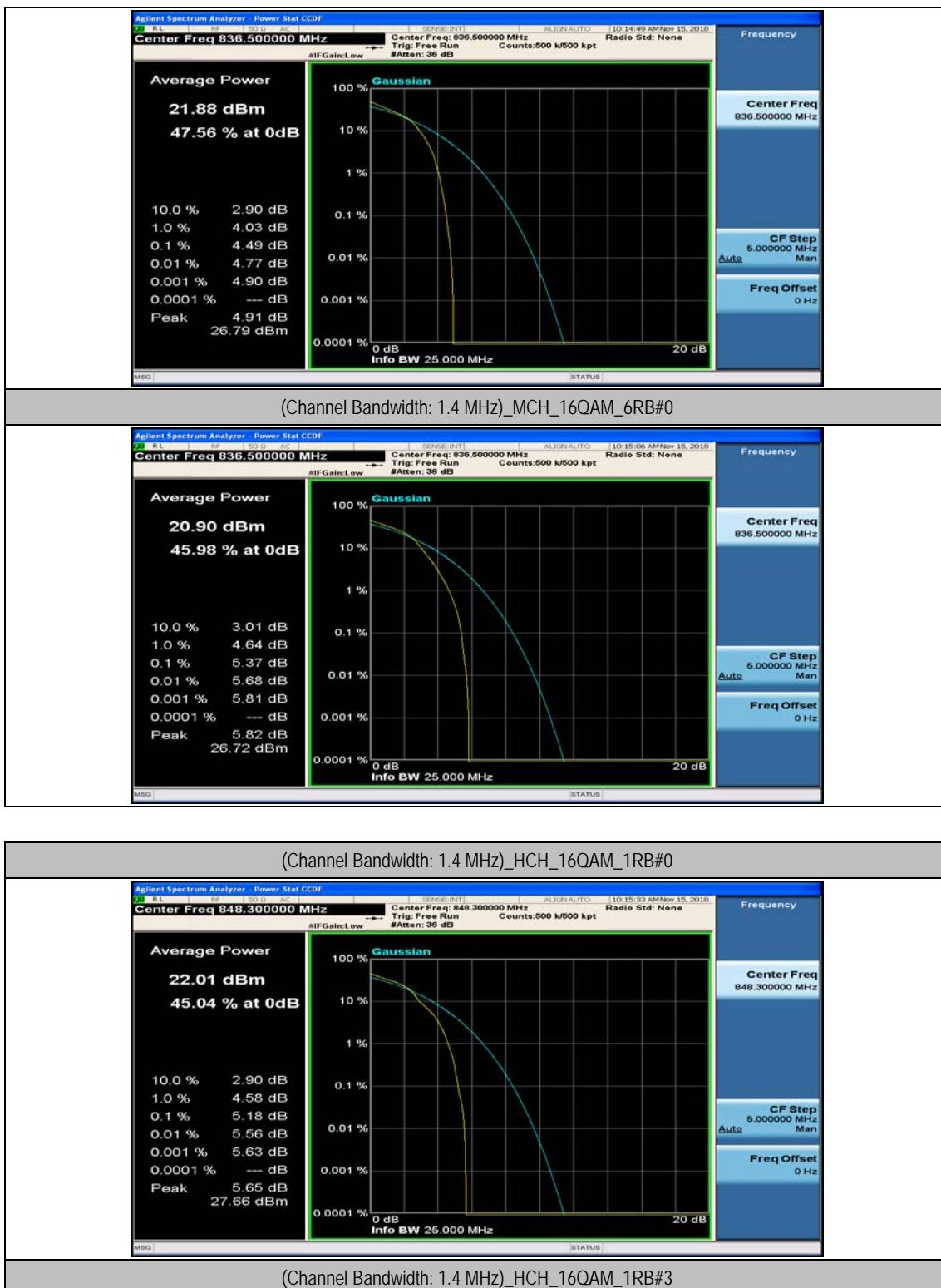


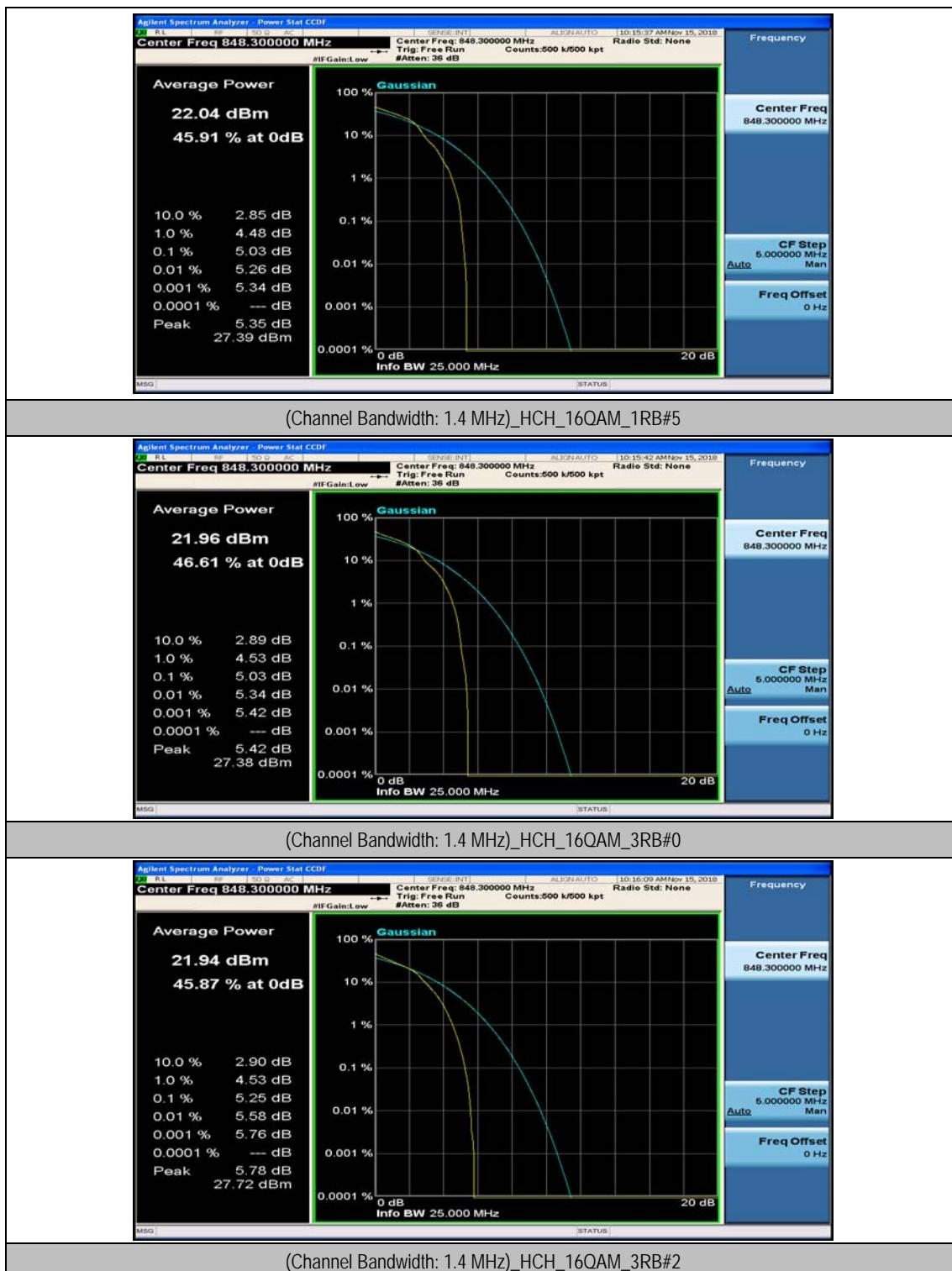


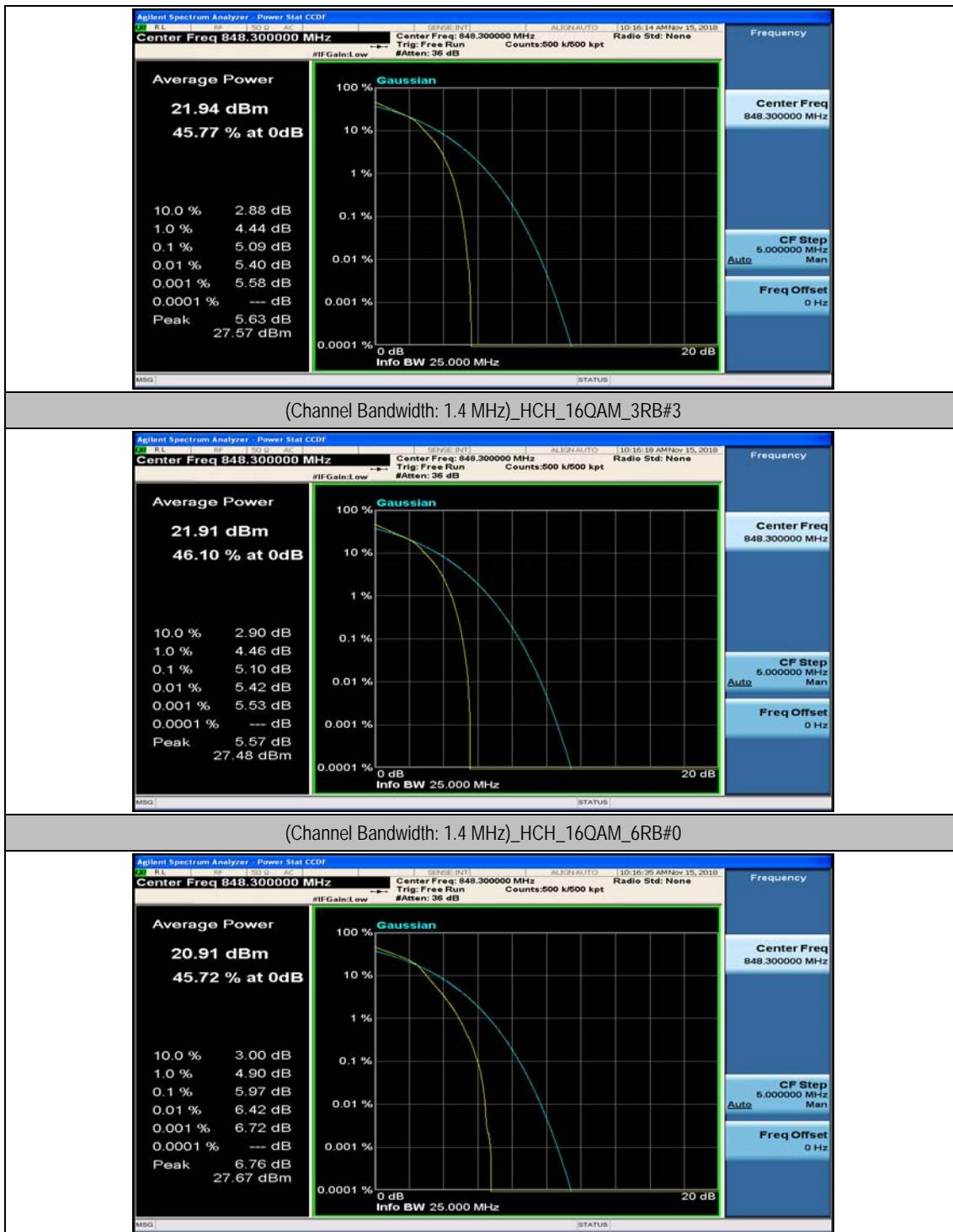




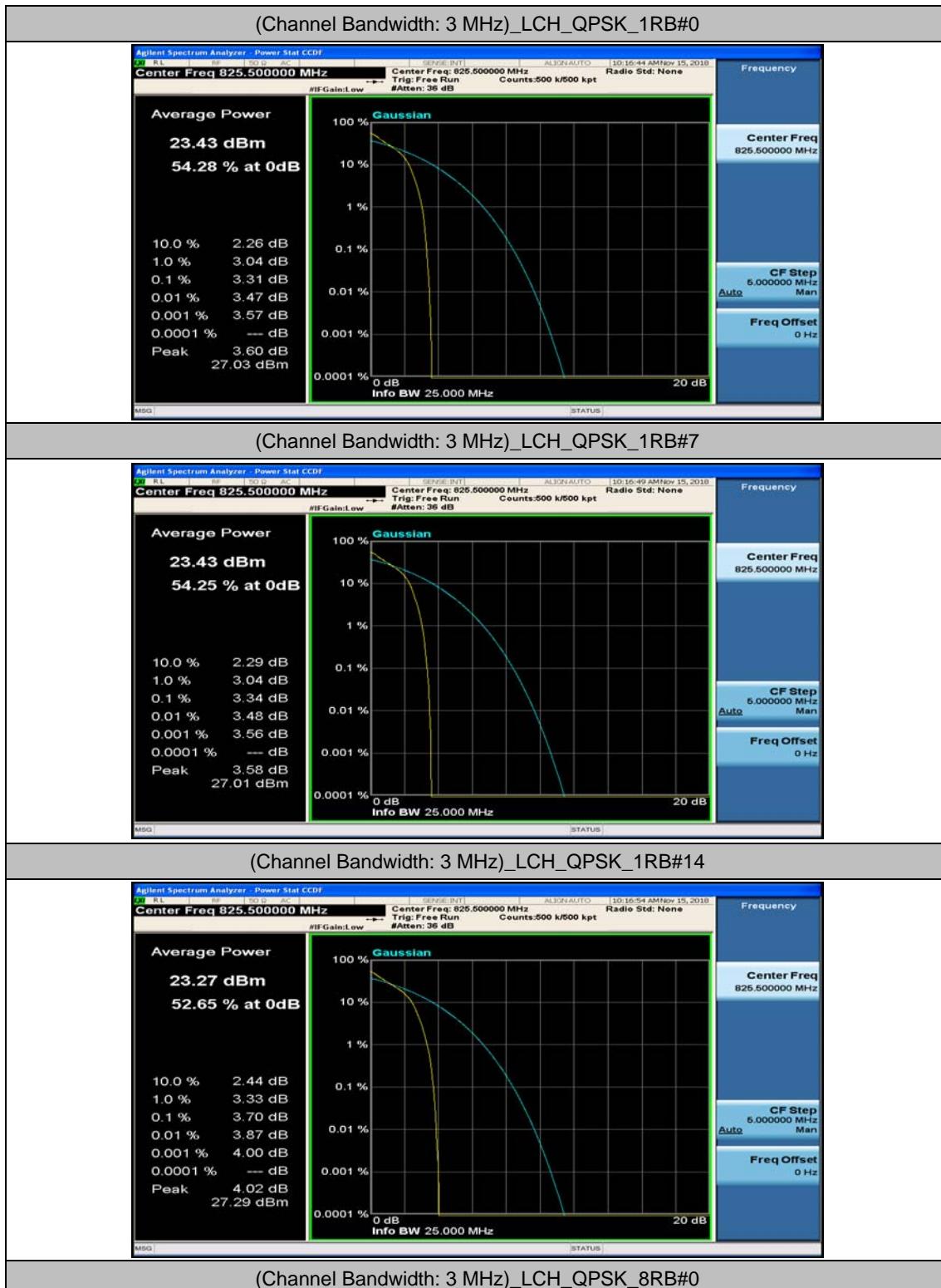


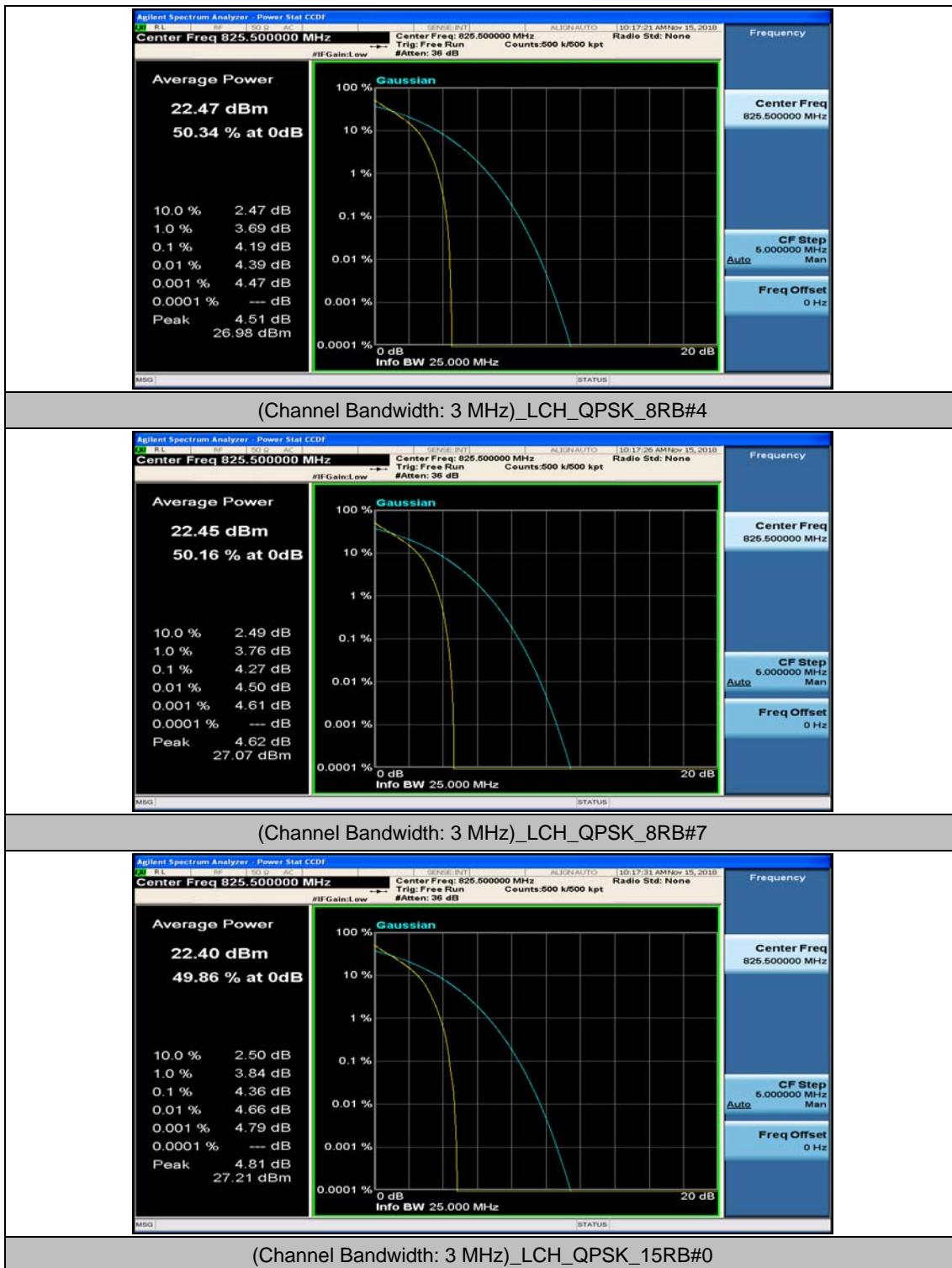


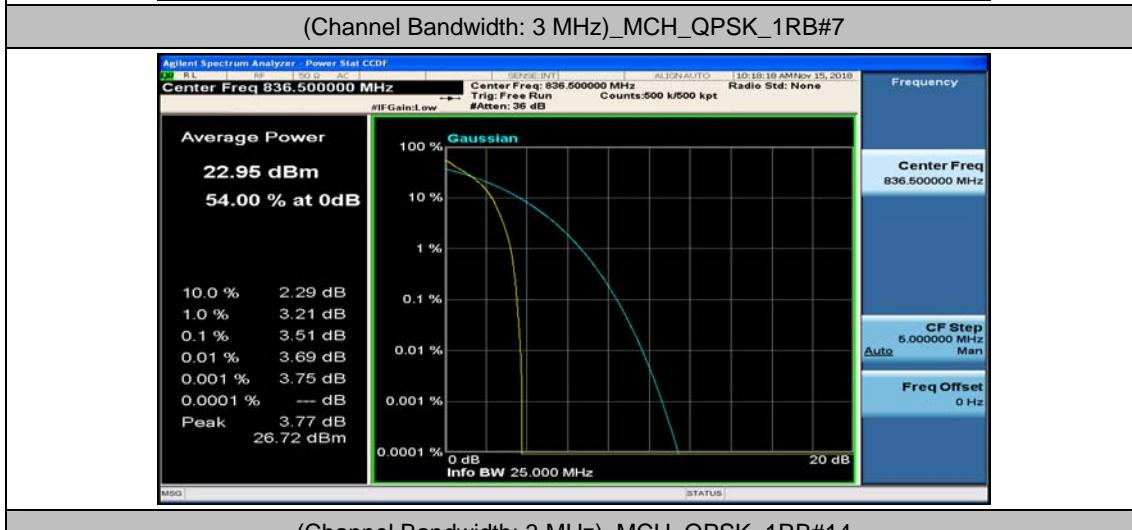
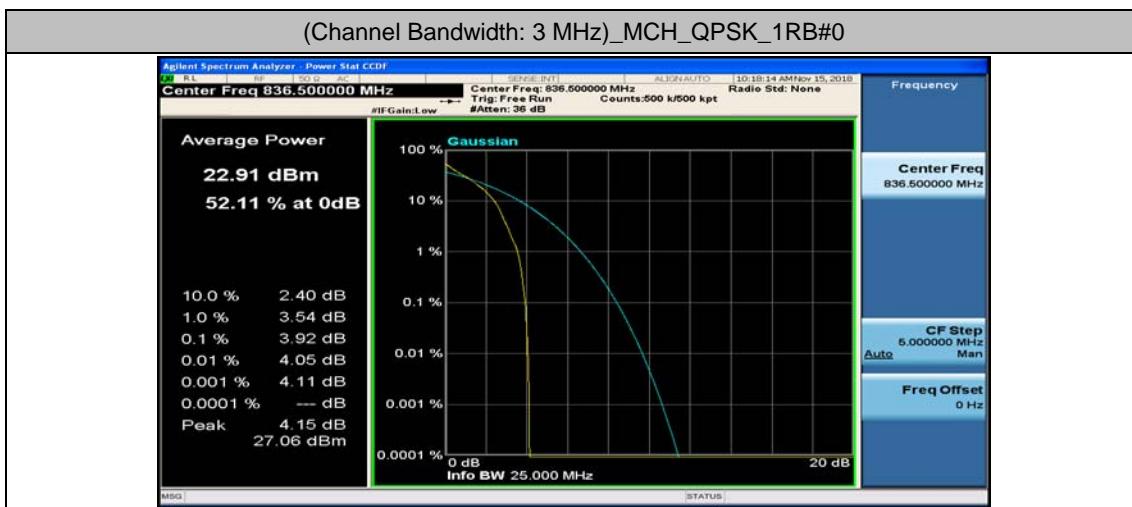
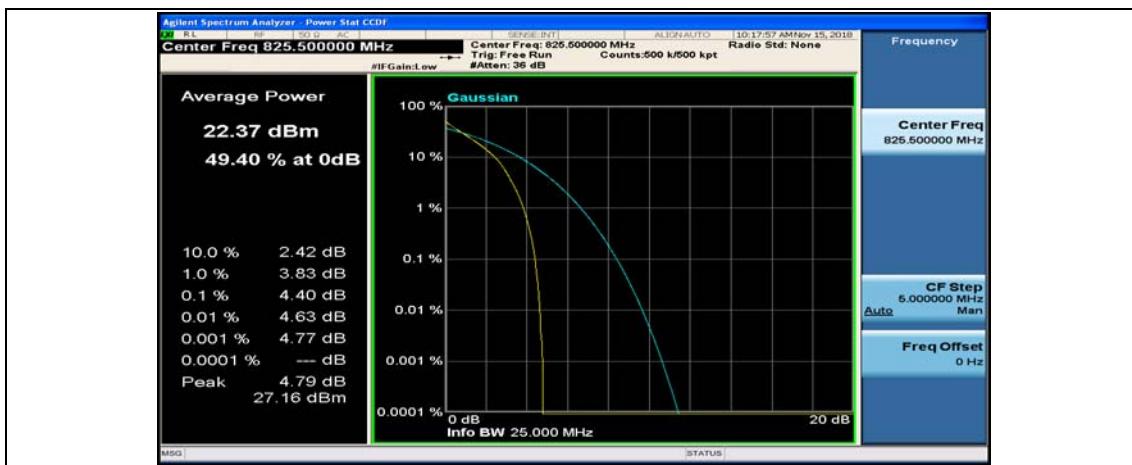




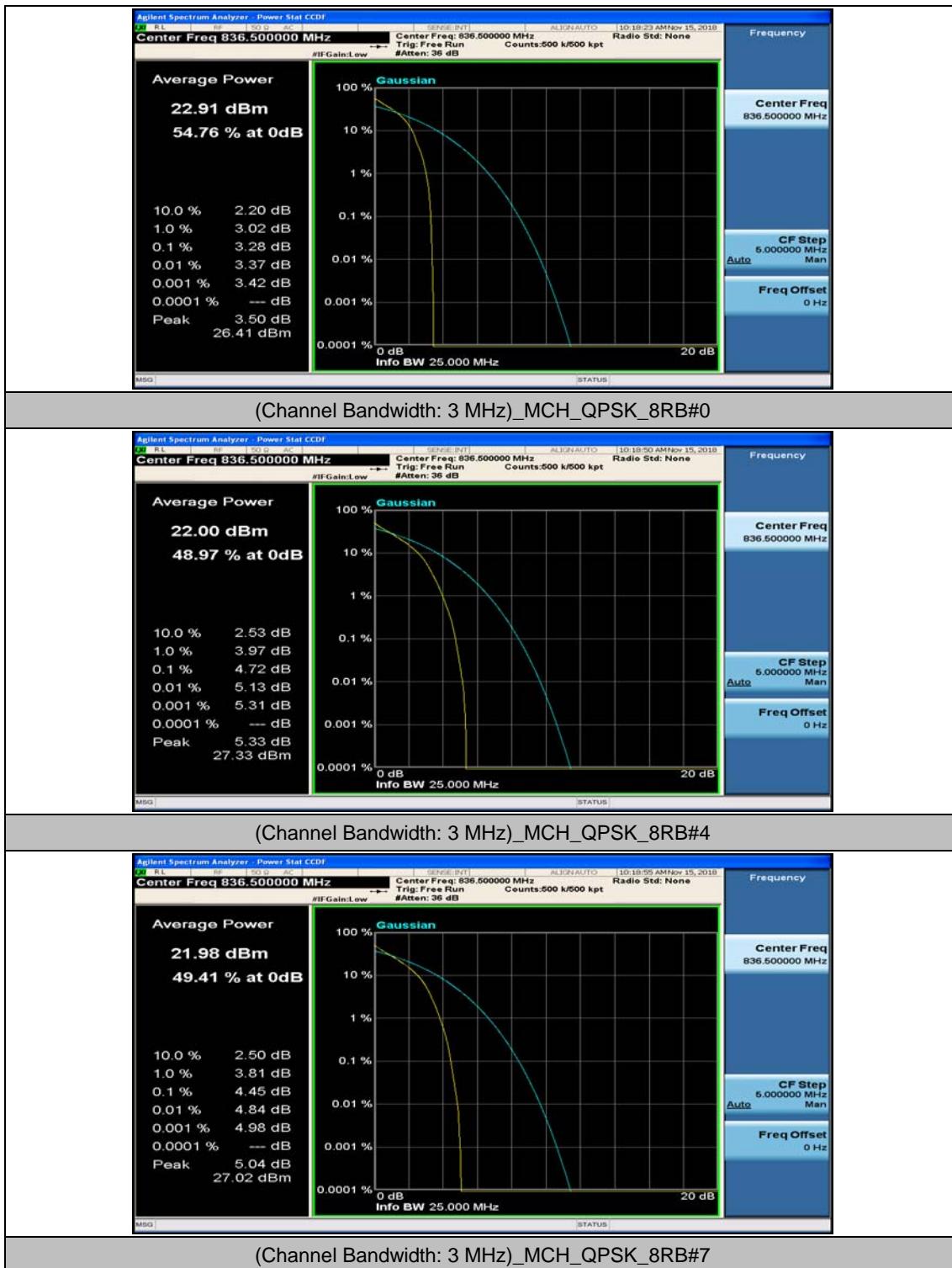
## Channel Bandwidth: 3 MHz

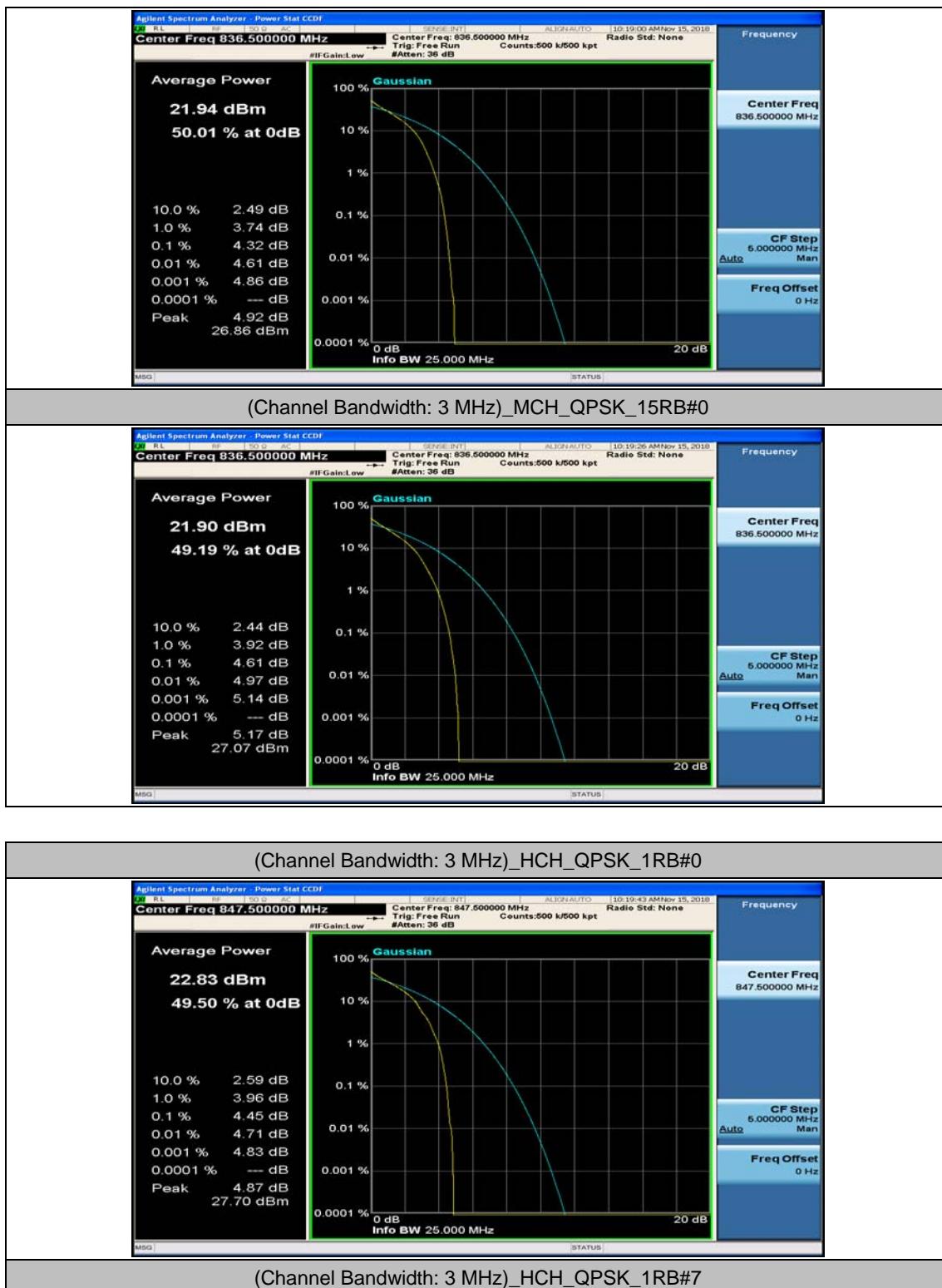


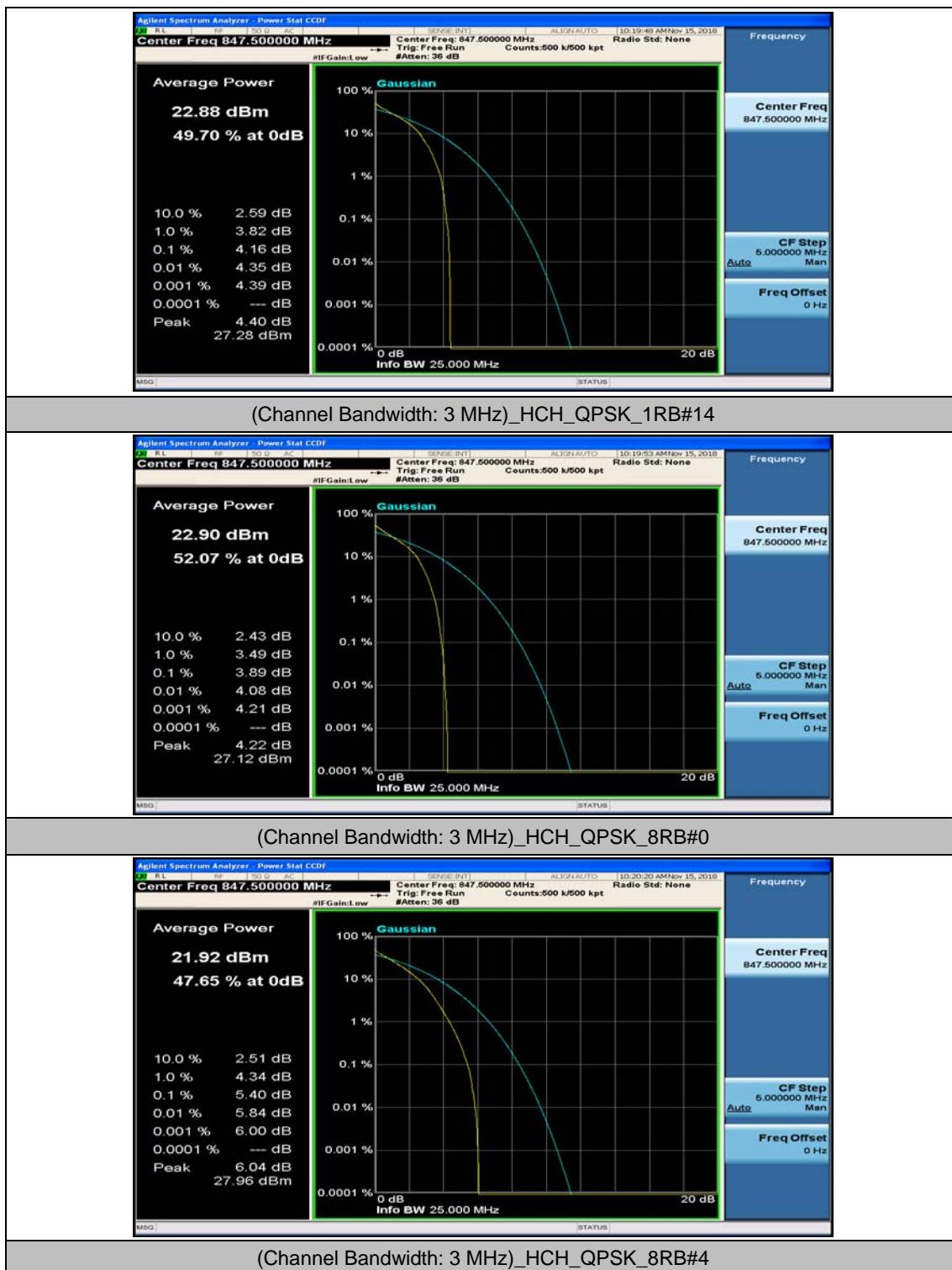


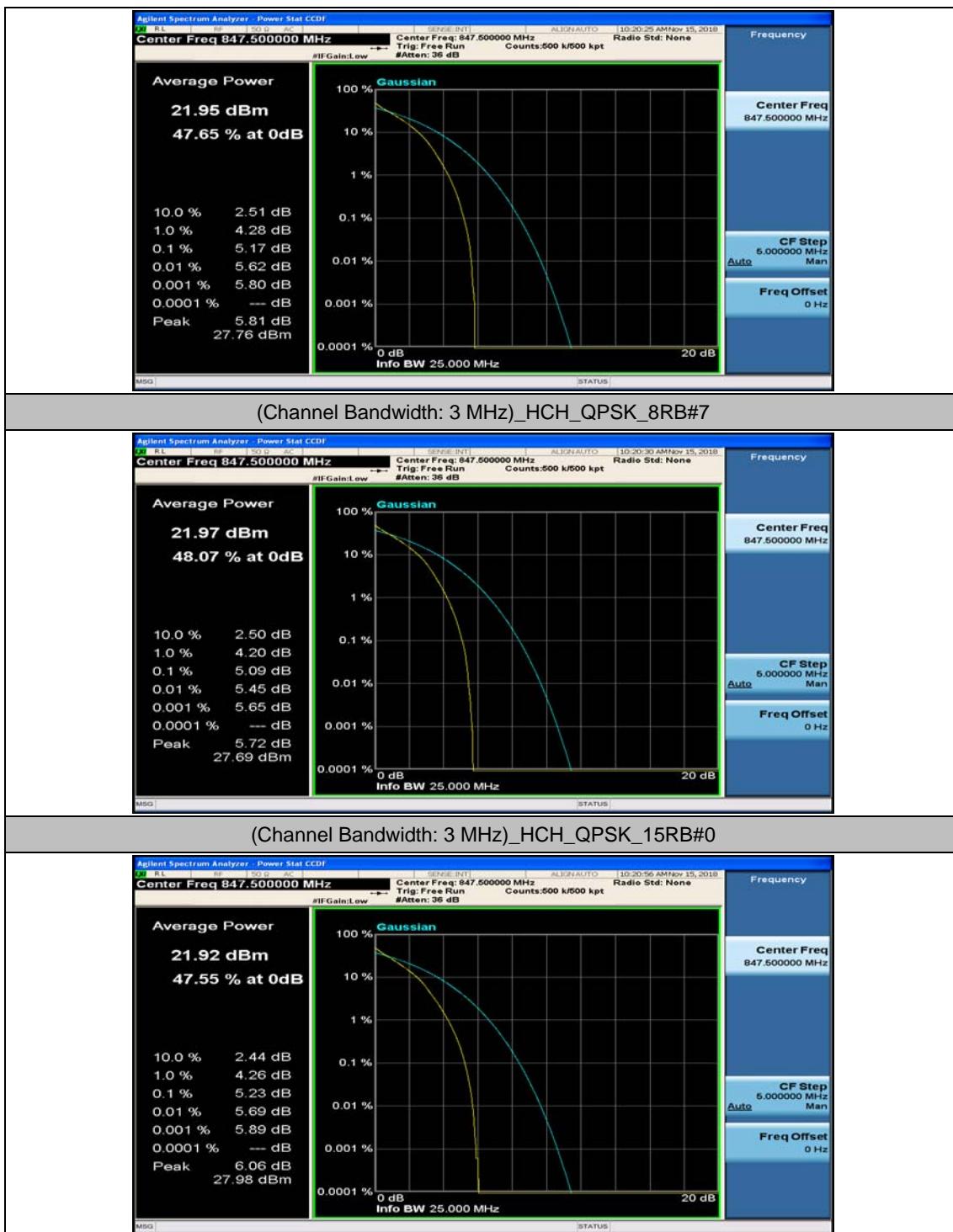


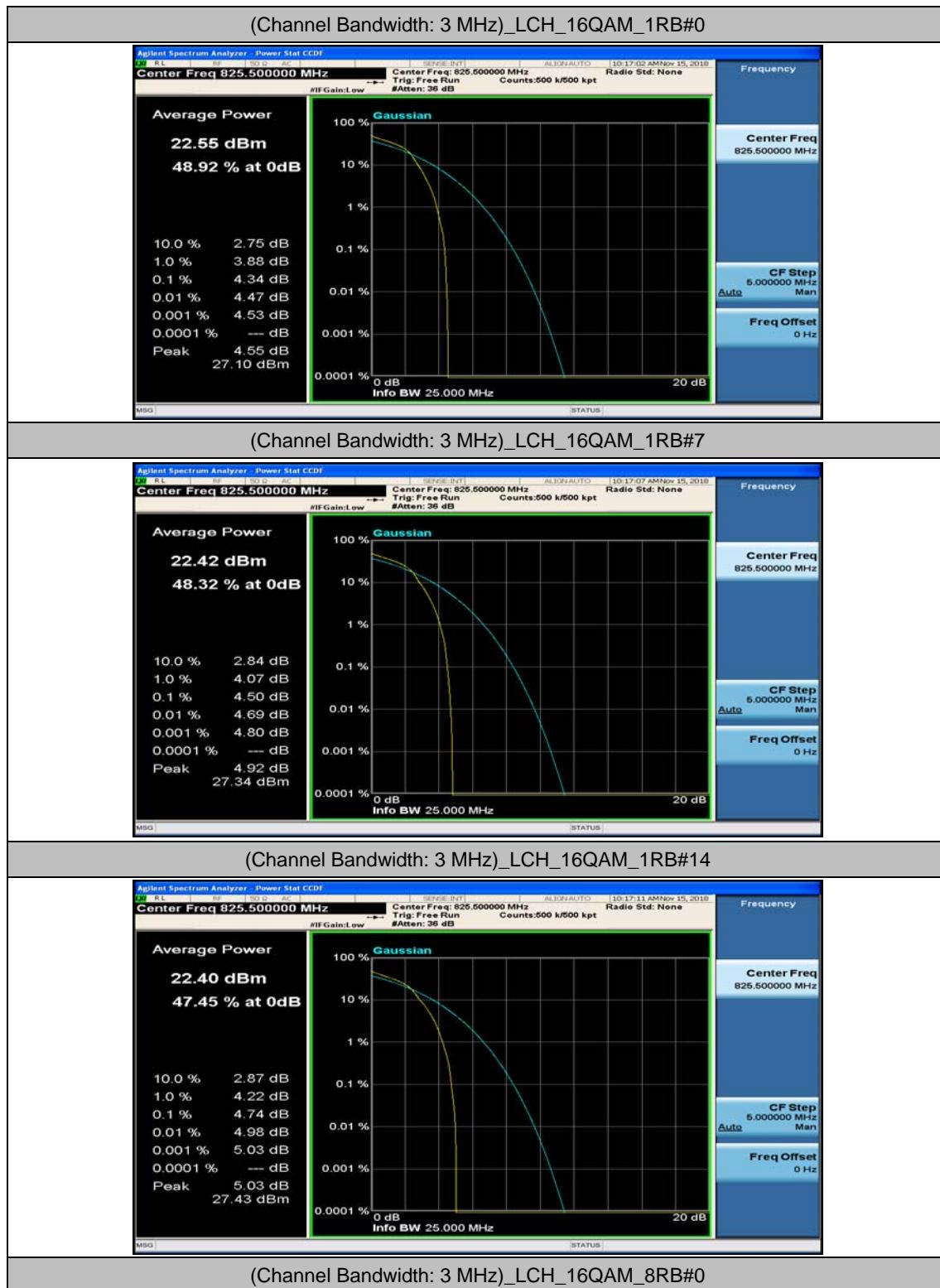
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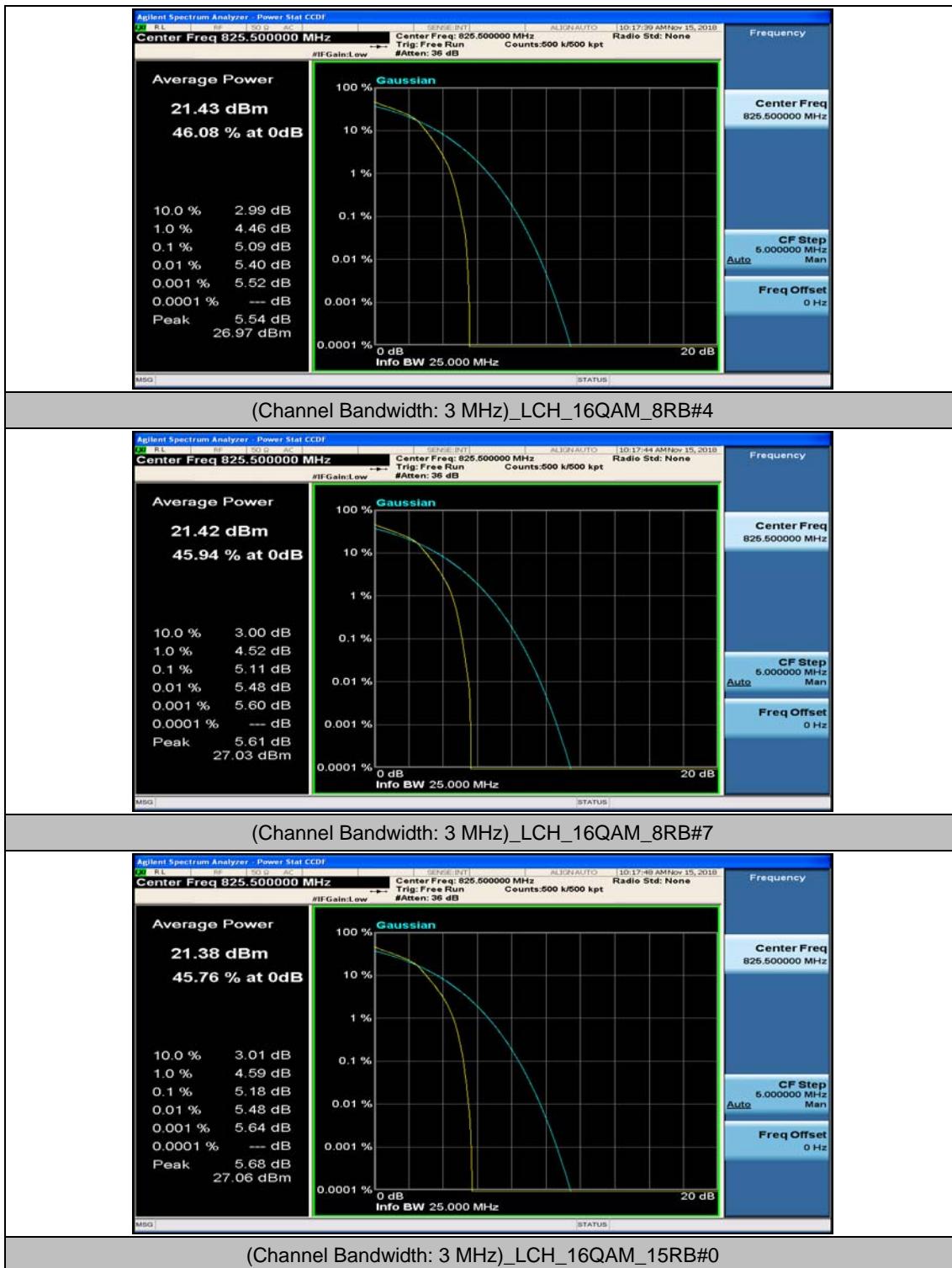


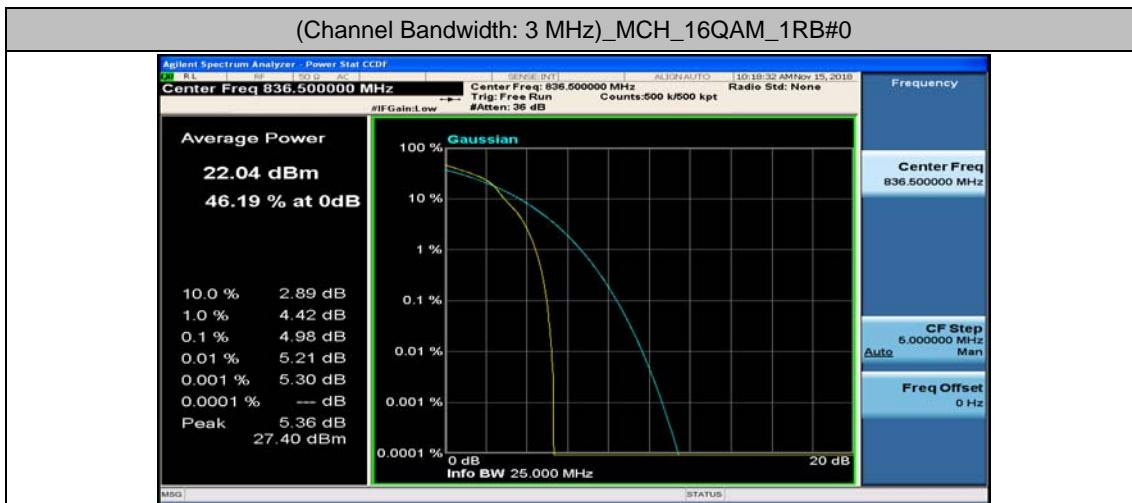


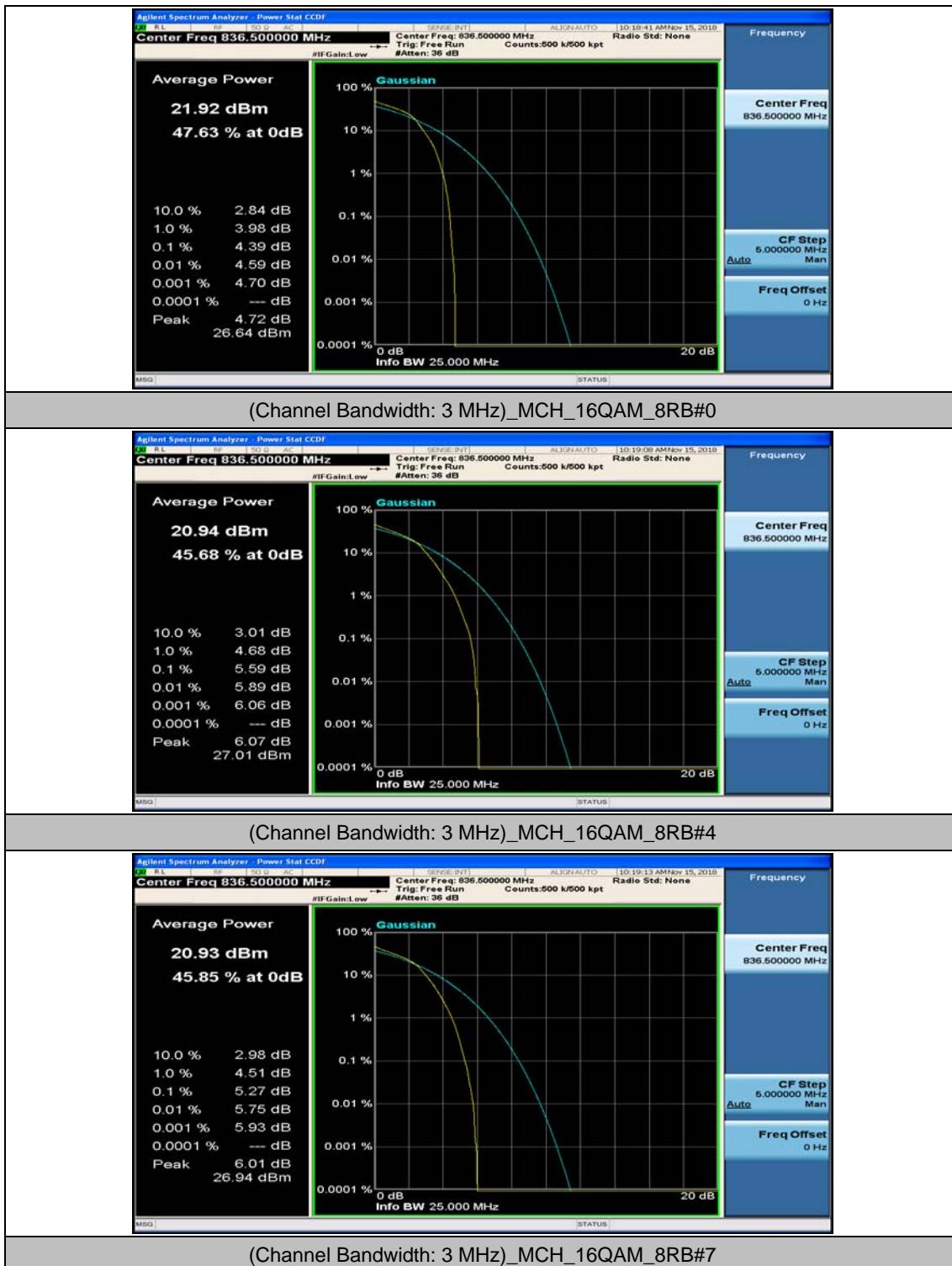


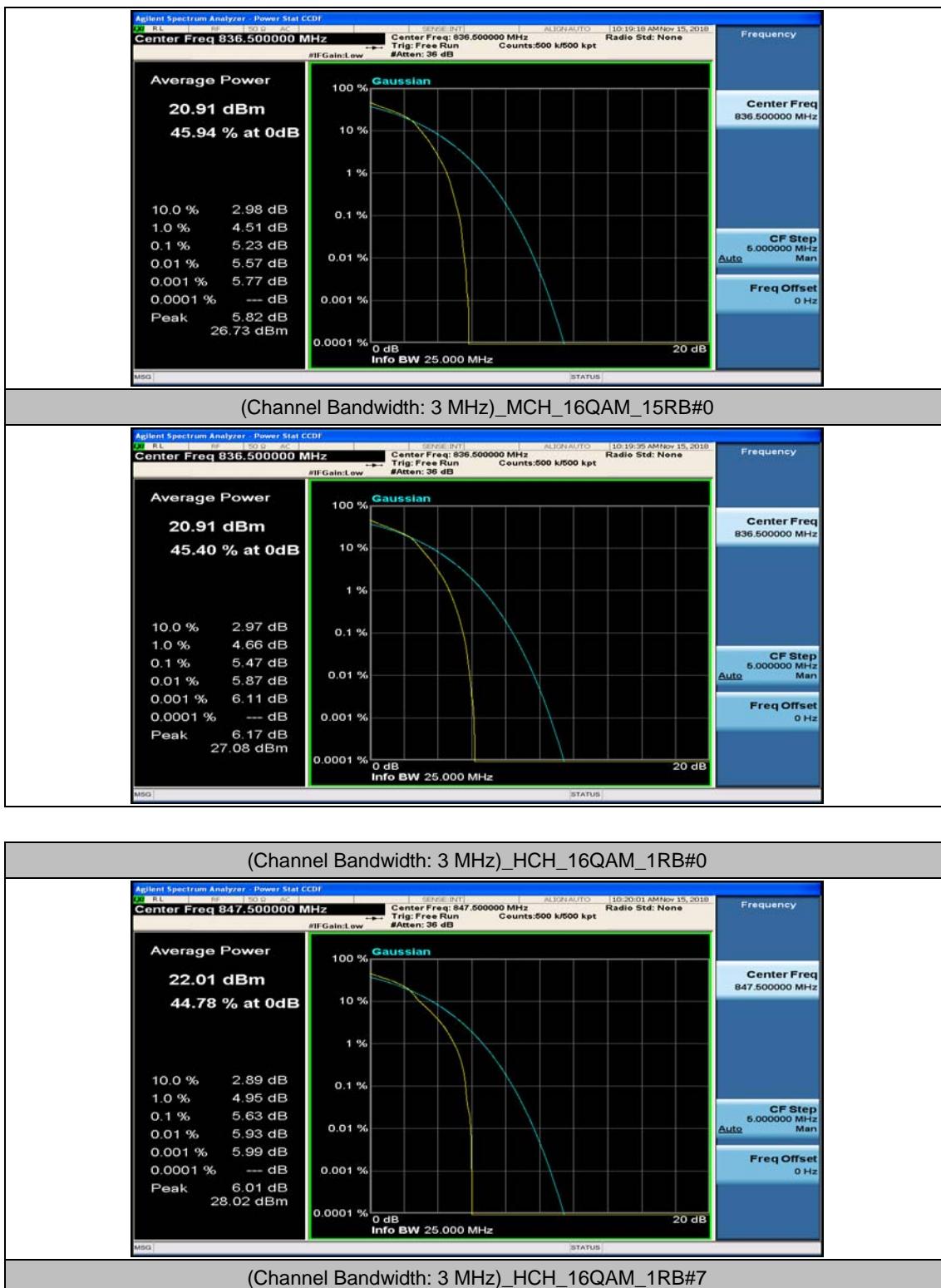


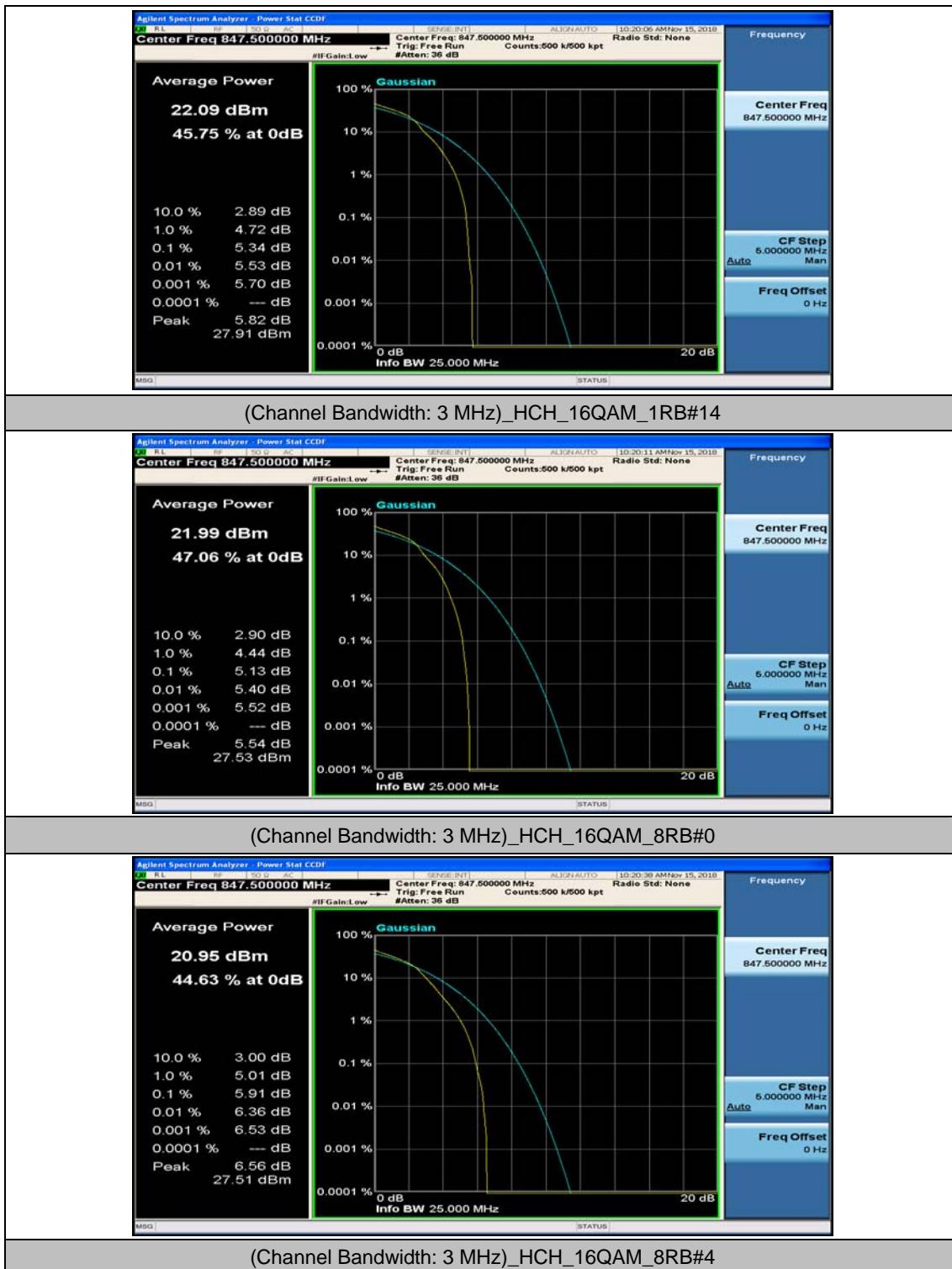


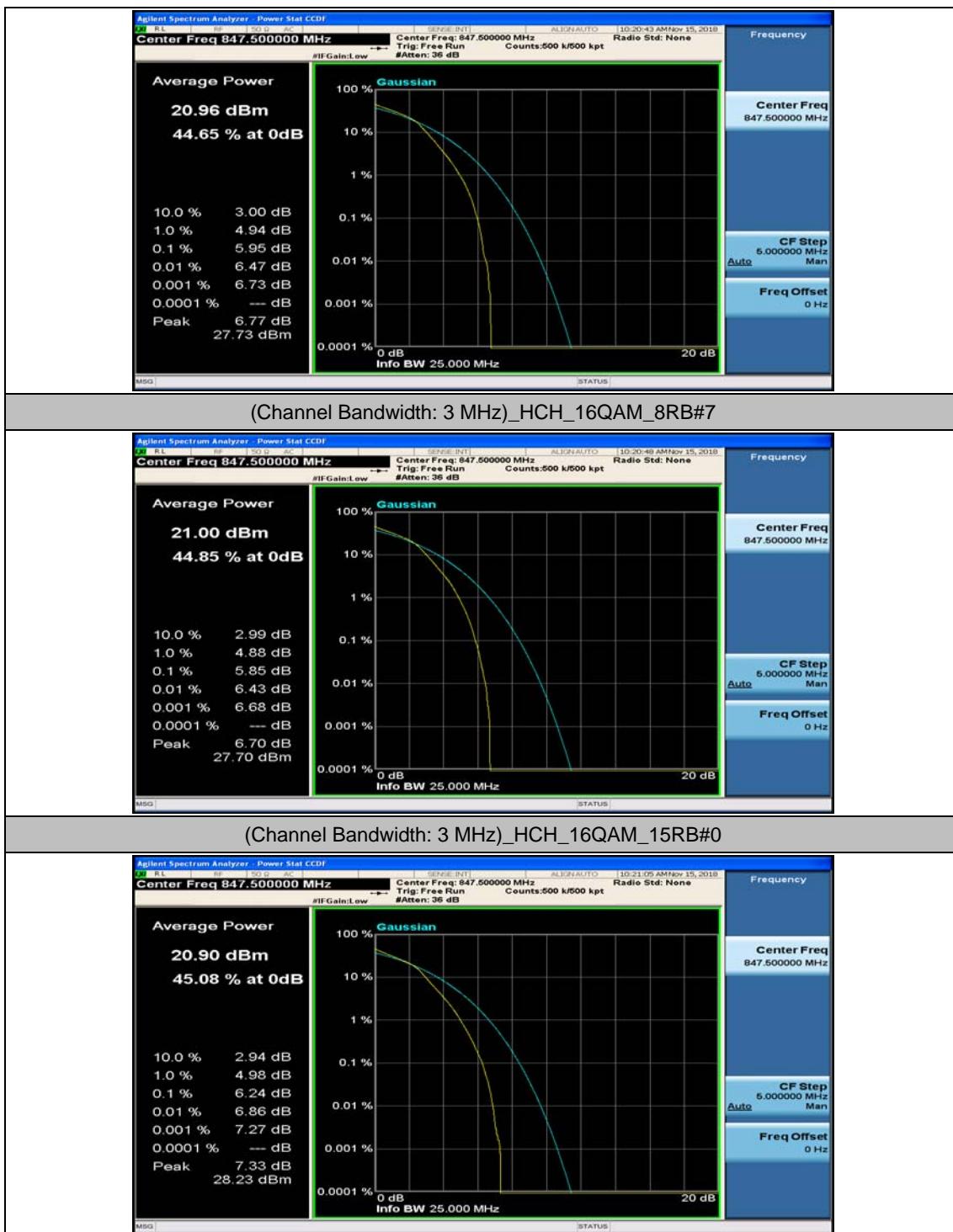




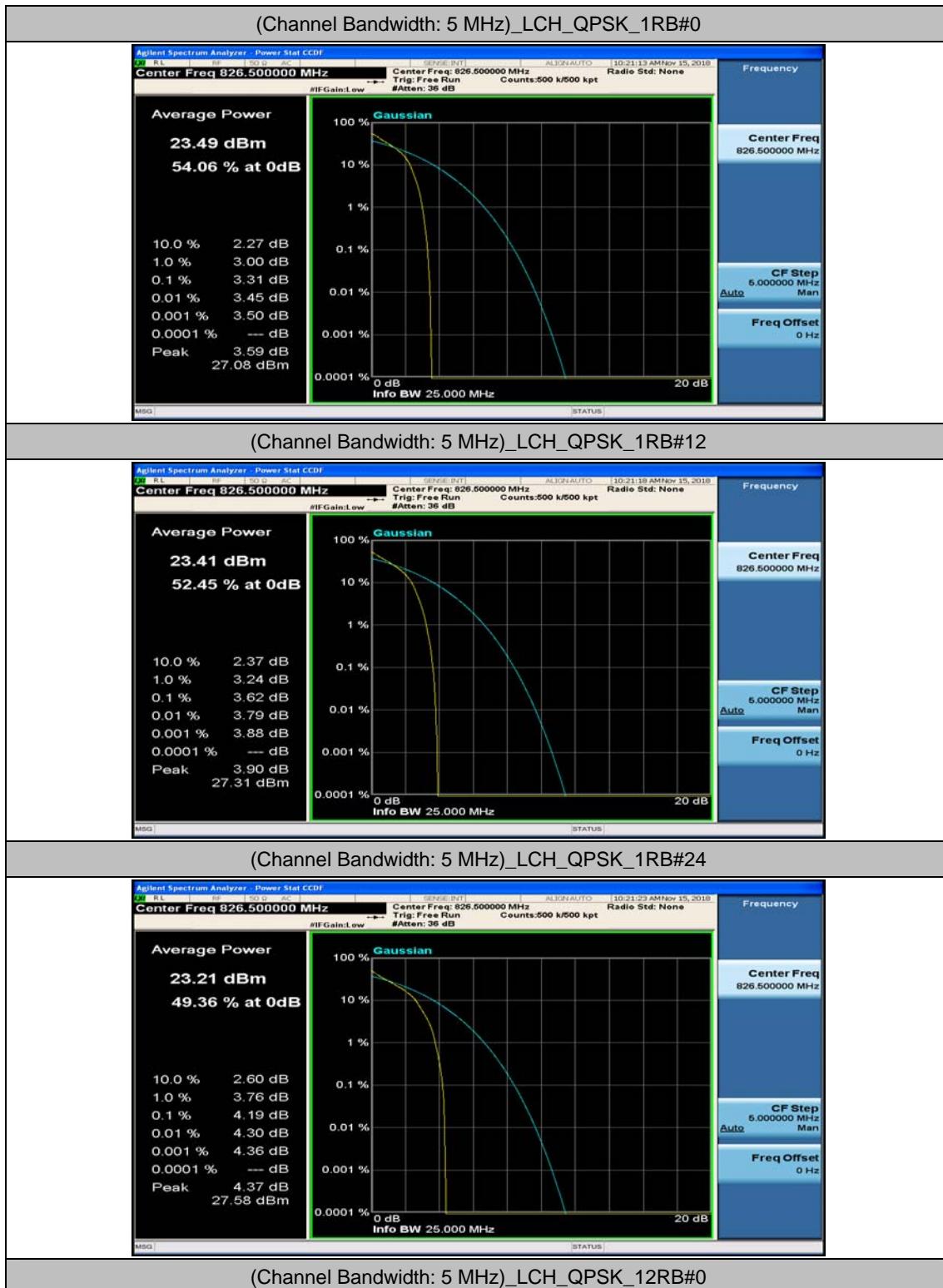


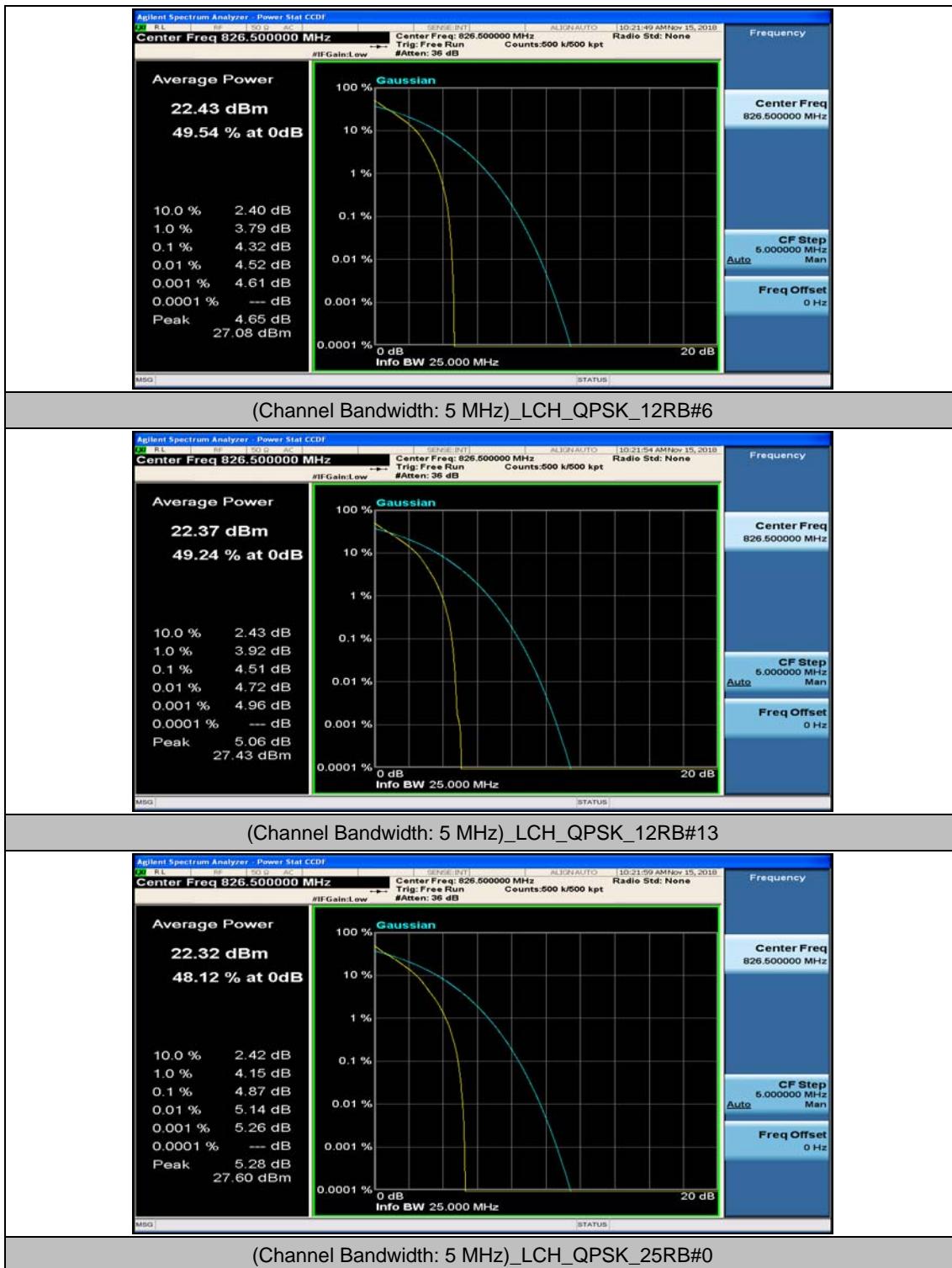


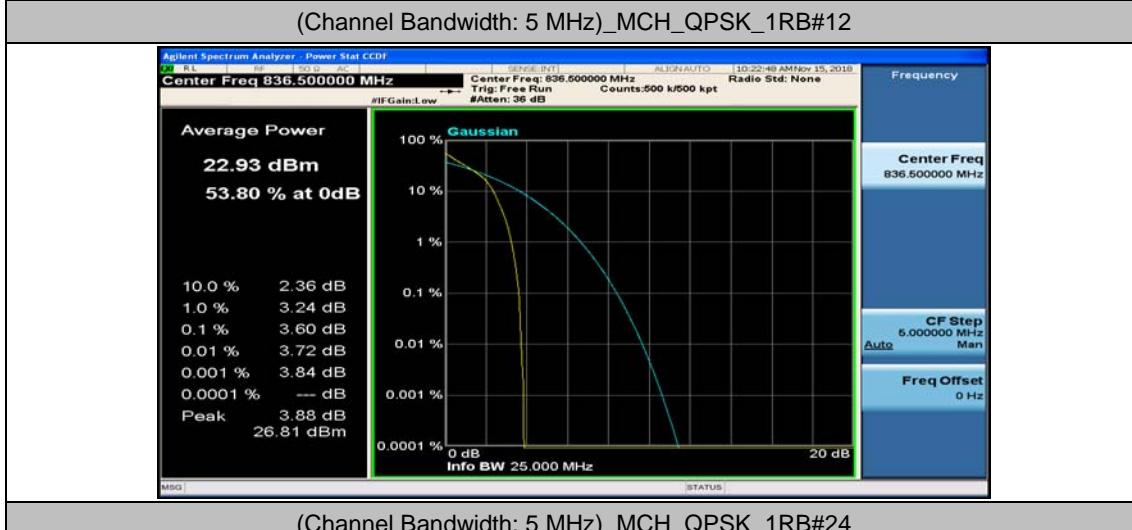
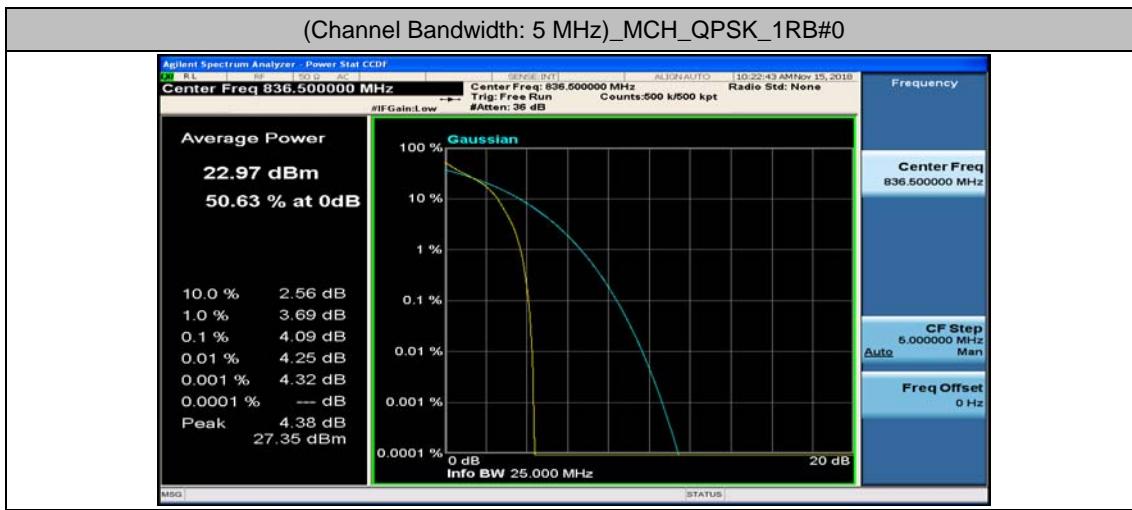
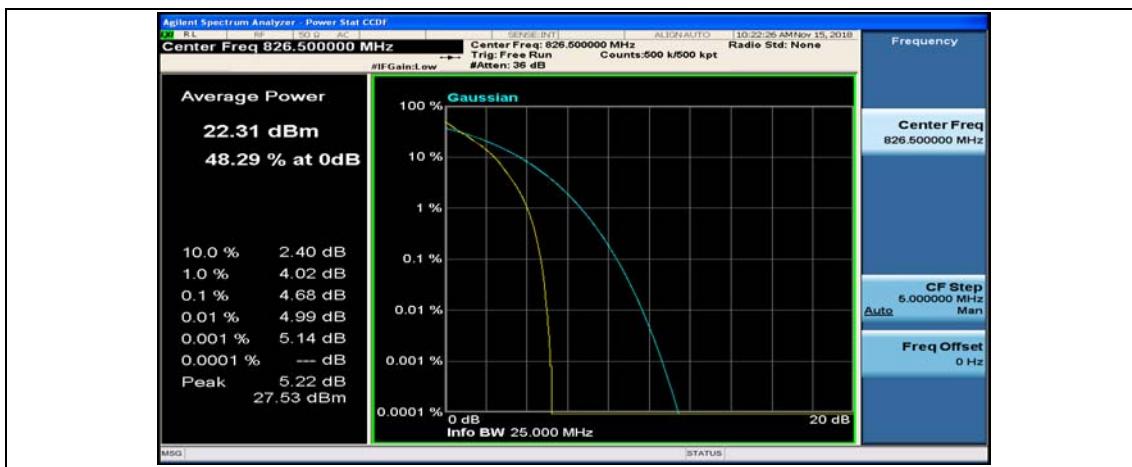




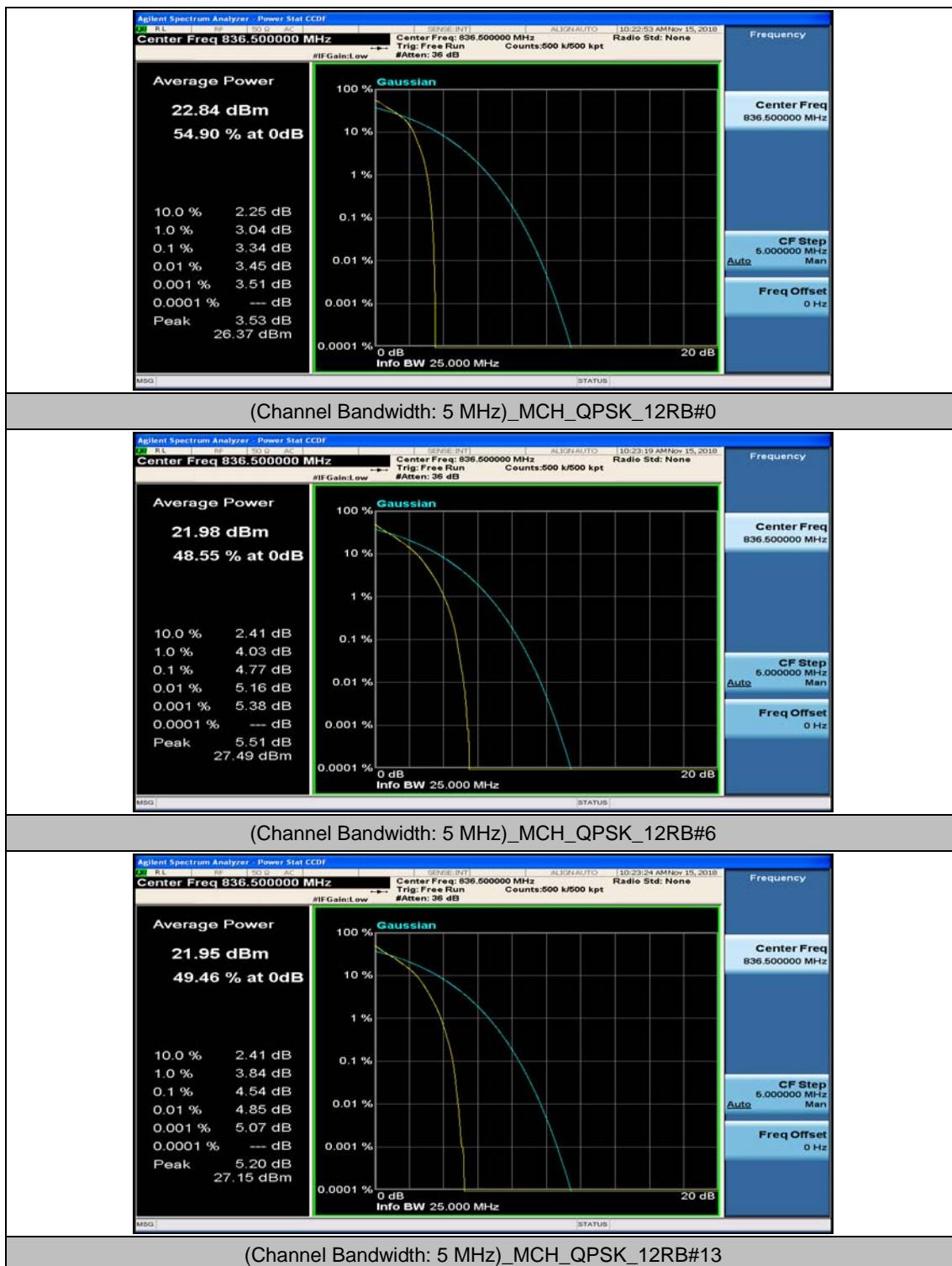
## Channel Bandwidth: 5 MHz

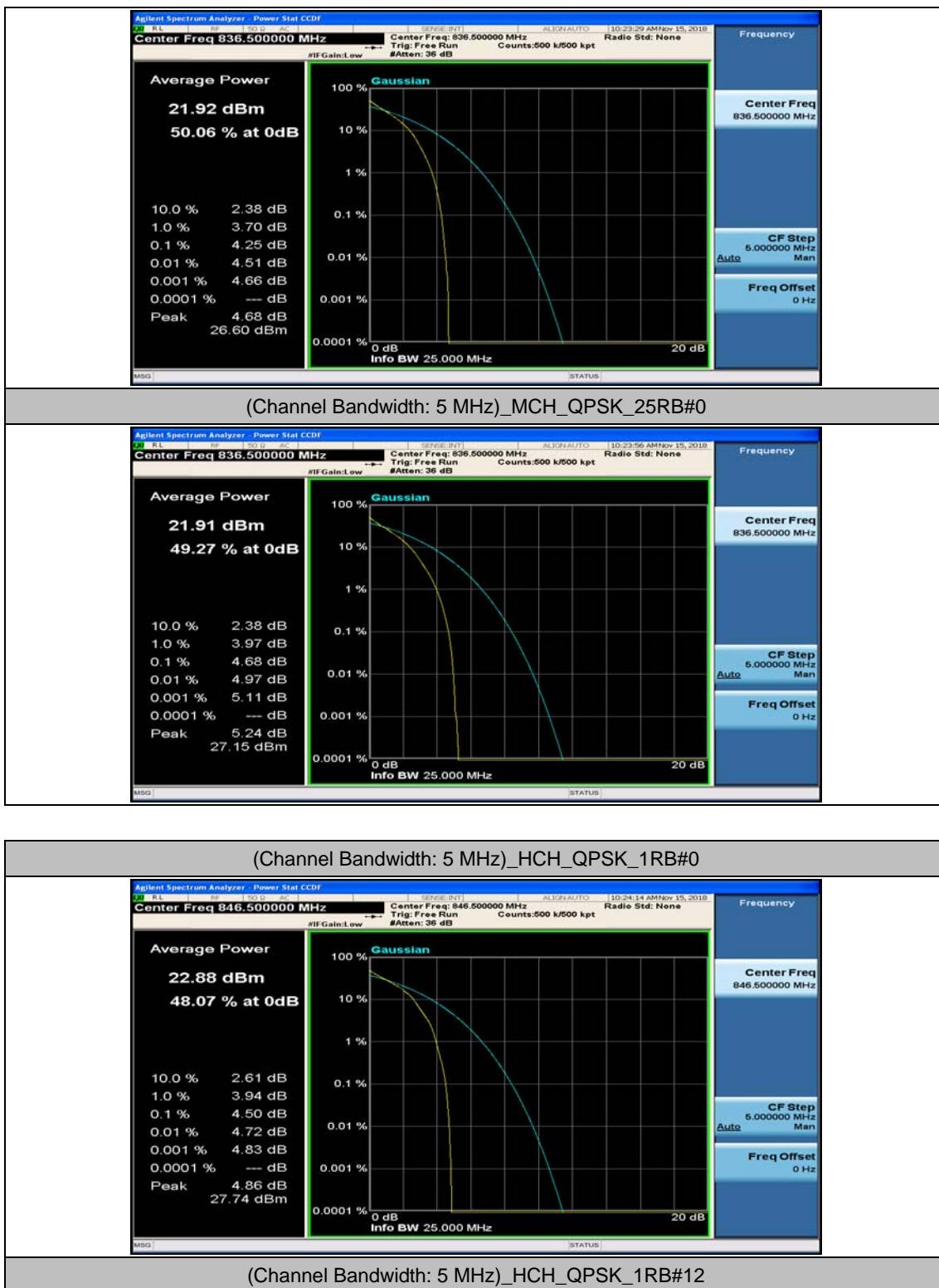


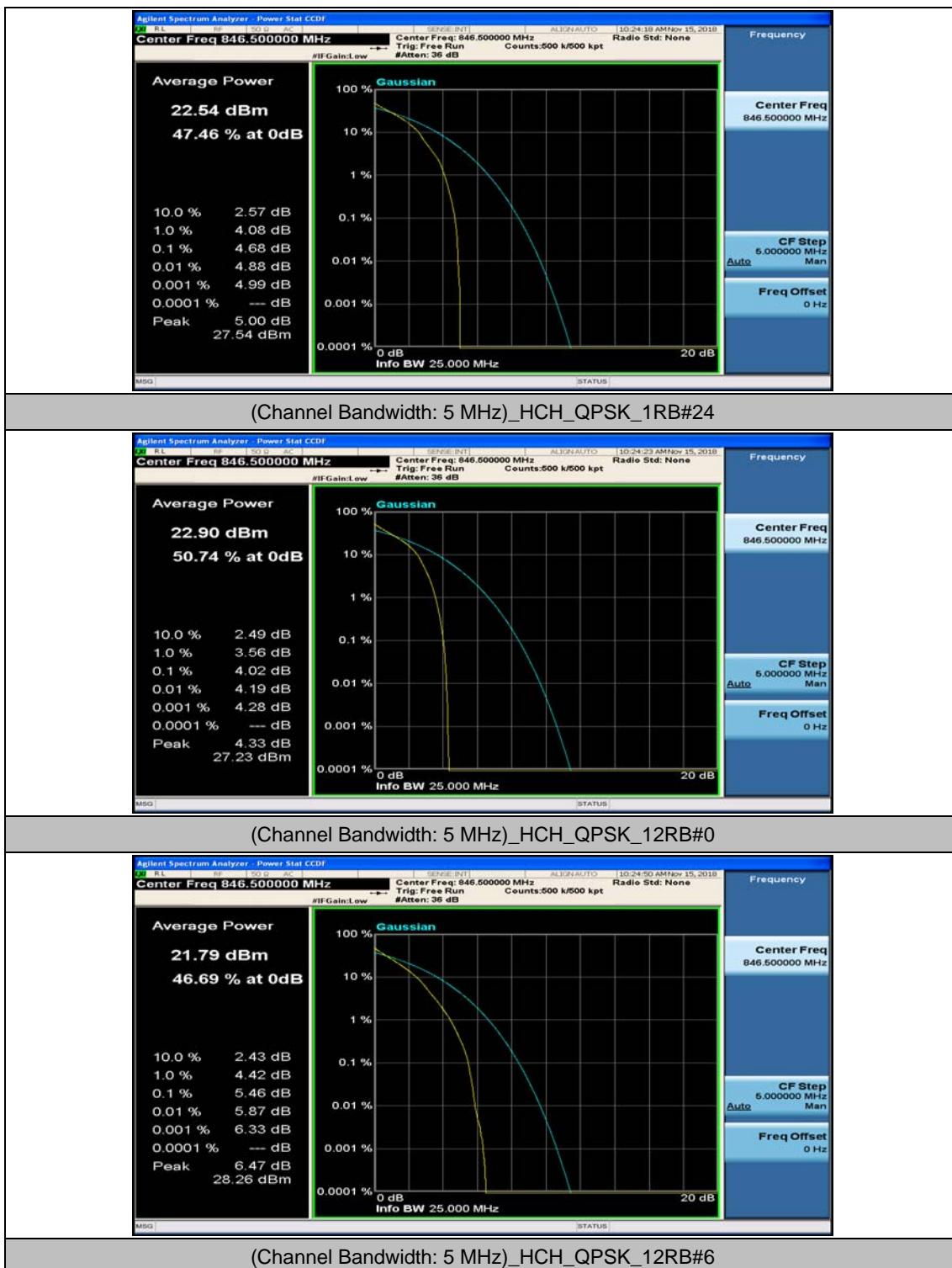


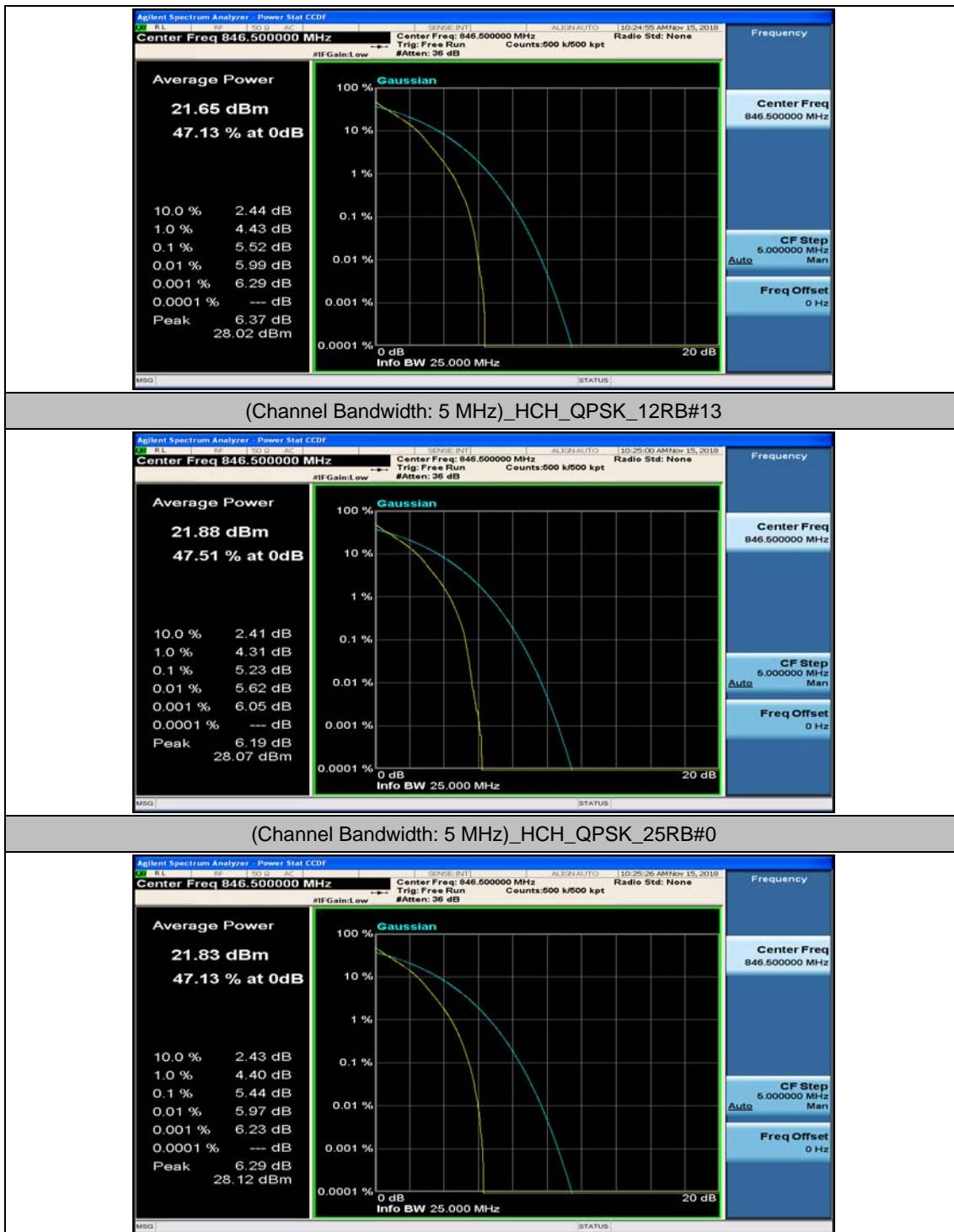


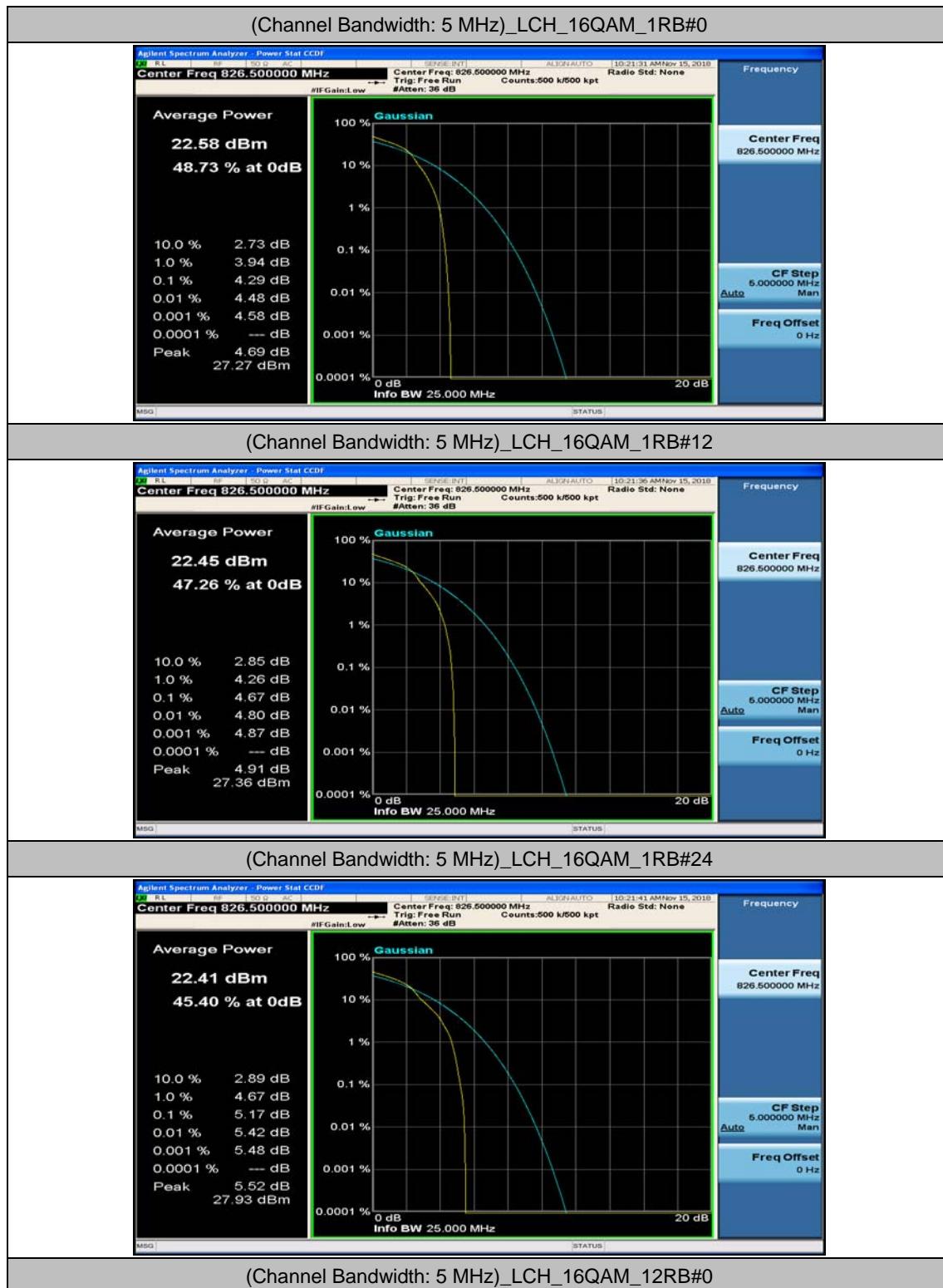
(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_1RB#24

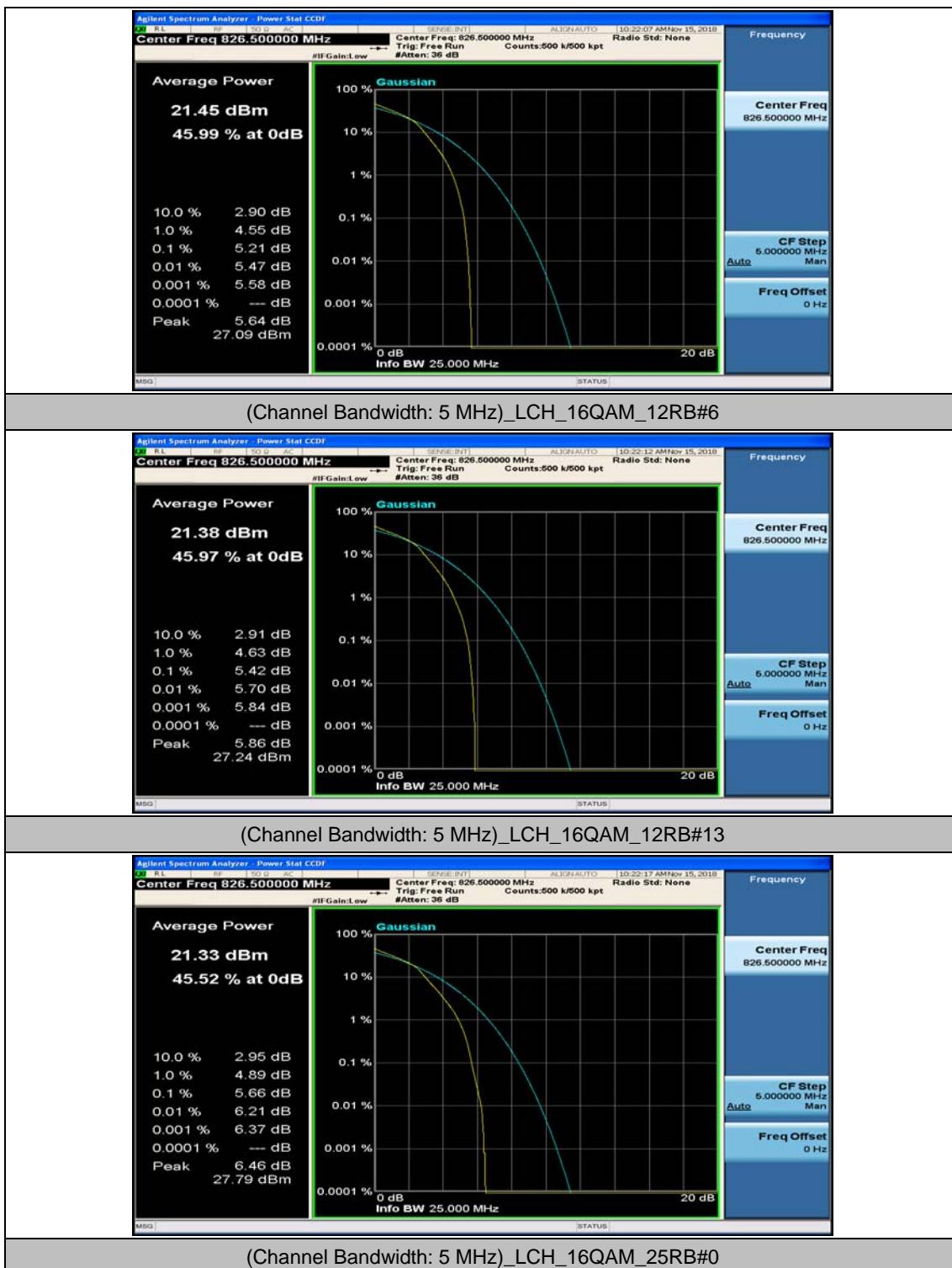


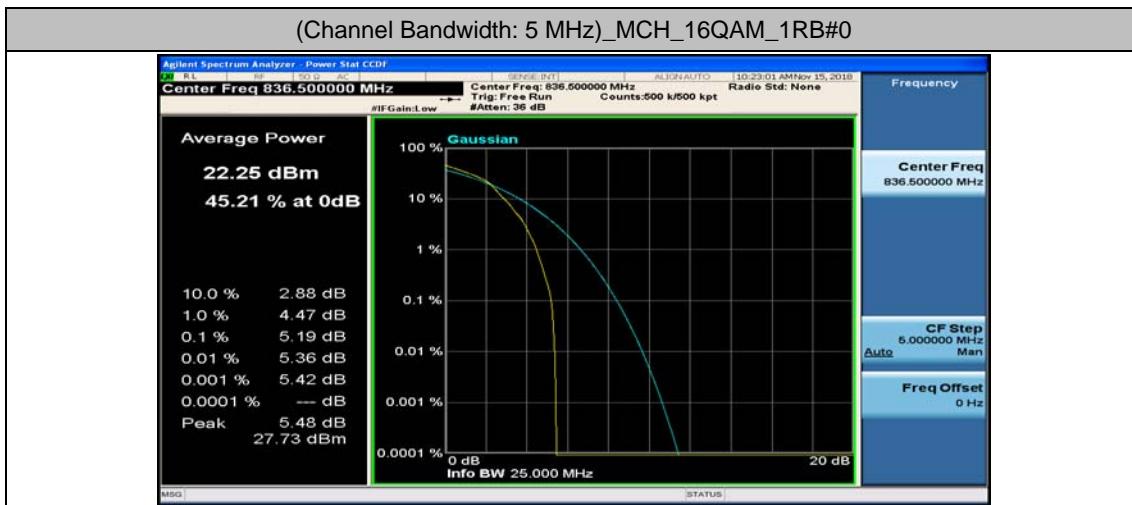












**(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_1RB#24**

