

## 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	23.07	PASS
		1	3	22.97	PASS
		1	5	23.04	PASS
		3	0	23.04	PASS
		3	2	23.00	PASS
		3	3	23.04	PASS
		6	0	22.07	PASS
	MCH	1	0	23.05	PASS
		1	3	23.04	PASS
		1	5	23.23	PASS
		3	0	23.03	PASS
		3	2	23.09	PASS
		3	3	23.17	PASS
		6	0	22.08	PASS
	HCH	1	0	23.12	PASS
		1	3	23.02	PASS
		1	5	22.95	PASS
		3	0	23.04	PASS
		3	2	23.00	PASS
		3	3	22.90	PASS
		6	0	22.09	PASS
16QAM	LCH	1	0	21.95	PASS
		1	3	22.07	PASS
		1	5	21.97	PASS
		3	0	22.05	PASS
		3	2	22.06	PASS
		3	3	22.07	PASS
		6	0	21.01	PASS
	MCH	1	0	22.17	PASS
		1	3	22.12	PASS
		1	5	22.25	PASS
		3	0	21.88	PASS

		3	2	21.95	PASS
		3	3	22.03	PASS
		6	0	21.16	PASS
HCH		1	0	22.03	PASS
		1	3	22.03	PASS
		1	5	22.01	PASS
		3	0	22.14	PASS
		3	2	22.06	PASS
		3	3	22.06	PASS
		6	0	21.00	PASS

### Channel Bandwidth: 3 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.93	PASS
		1	7	23.00	PASS
		1	14	23.02	PASS
		8	0	22.09	PASS
		8	4	22.09	PASS
		8	7	22.11	PASS
		15	0	22.06	PASS
	MCH	1	0	22.92	PASS
		1	7	23.05	PASS
		1	14	23.02	PASS
		8	0	22.09	PASS
		8	4	22.22	PASS
		8	7	22.18	PASS
		15	0	22.20	PASS
	HCH	1	0	22.91	PASS
		1	7	23.01	PASS
		1	14	22.90	PASS
		8	0	22.12	PASS
		8	4	22.06	PASS
		8	7	22.11	PASS
		15	0	22.10	PASS
16QAM	LCH	1	0	21.97	PASS
		1	7	21.93	PASS
		1	14	21.91	PASS
		8	0	21.09	PASS
		8	4	21.09	PASS
		8	7	21.13	PASS
		15	0	21.02	PASS

		1	0	21.96	PASS
		1	7	21.98	PASS
		1	14	22.10	PASS
	MCH	8	0	21.12	PASS
		8	4	21.16	PASS
		8	7	21.26	PASS
		15	0	21.12	PASS
		1	0	21.99	PASS
	HCH	1	7	21.95	PASS
		1	14	21.96	PASS
		8	0	21.18	PASS
		8	4	21.24	PASS
		8	7	21.17	PASS
		15	0	21.08	PASS

### Channel Bandwidth: 5 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.92	PASS
		1	12	22.91	PASS
		1	24	22.89	PASS
		12	0	22.06	PASS
		12	6	22.08	PASS
		12	13	21.92	PASS
		25	0	21.94	PASS
	MCH	1	0	23.02	PASS
		1	12	22.98	PASS
		1	24	23.11	PASS
		12	0	22.15	PASS
		12	6	22.23	PASS
		12	13	22.20	PASS
		25	0	22.15	PASS
	HCH	1	0	23.00	PASS
		1	12	23.08	PASS
		1	24	22.93	PASS
		12	0	22.17	PASS
		12	6	22.14	PASS
		12	13	22.08	PASS
		25	0	21.98	PASS
16QAM	LCH	1	0	21.97	PASS
		1	12	21.91	PASS
		1	24	21.79	PASS

		12	0	21.16	PASS
		12	6	21.13	PASS
		12	13	21.10	PASS
		25	0	20.98	PASS
MCH		1	0	22.01	PASS
		1	12	22.13	PASS
		1	24	22.04	PASS
		12	0	21.29	PASS
		12	6	21.32	PASS
		12	13	21.31	PASS
		25	0	21.16	PASS
HCH		1	0	22.00	PASS
		1	12	22.06	PASS
		1	24	22.04	PASS
		12	0	21.31	PASS
		12	6	21.20	PASS
		12	13	21.22	PASS
		25	0	21.01	PASS

## Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.89	PASS
		1	24	22.86	PASS
		1	49	23.03	PASS
		25	0	21.94	PASS
		25	12	21.93	PASS
		25	25	21.98	PASS
		50	0	21.87	PASS
	MCH	1	0	23.02	PASS
		1	24	23.09	PASS
		1	49	23.09	PASS
		25	0	22.10	PASS
		25	12	22.14	PASS
		25	25	22.20	PASS
		50	0	21.99	PASS
	HCH	1	0	23.10	PASS
		1	24	23.06	PASS
		1	49	22.90	PASS
		25	0	22.24	PASS
		25	12	22.10	PASS
		25	25	22.07	PASS

		50	0	22.03	PASS
16QAM	LCH	1	0	21.91	PASS
		1	24	21.81	PASS
		1	49	22.07	PASS
		25	0	20.95	PASS
		25	12	20.96	PASS
		25	25	21.01	PASS
		50	0	20.87	PASS
16QAM	MCH	1	0	21.99	PASS
		1	24	21.94	PASS
		1	49	22.13	PASS
		25	0	21.08	PASS
		25	12	21.09	PASS
		25	25	21.14	PASS
		50	0	20.98	PASS
16QAM	HCH	1	0	22.18	PASS
		1	24	22.02	PASS
		1	49	21.96	PASS
		25	0	21.17	PASS
		25	12	21.10	PASS
		25	25	21.07	PASS
		50	0	21.03	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	3.95	<13	PASS
		1	3	4.05	<13	PASS
		1	5	4.15	<13	PASS
		3	0	4.16	<13	PASS
		3	2	4.21	<13	PASS
		3	3	4.28	<13	PASS
		6	0	5.15	<13	PASS
	MCH	1	0	4.45	<13	PASS
		1	3	4.34	<13	PASS
		1	5	4.21	<13	PASS
		3	0	4.75	<13	PASS
		3	2	4.62	<13	PASS
		3	3	4.48	<13	PASS
		6	0	5.51	<13	PASS
16QAM	LCH	1	0	3.97	<13	PASS
		1	3	3.73	<13	PASS
		1	5	3.54	<13	PASS
		3	0	4.15	<13	PASS
		3	2	3.88	<13	PASS
		3	3	3.79	<13	PASS
		6	0	4.96	<13	PASS
	MCH	1	0	5.04	<13	PASS
		1	3	5.04	<13	PASS
		1	5	5.2	<13	PASS
		3	0	5.06	<13	PASS
		3	2	5.16	<13	PASS
		3	3	5.26	<13	PASS
		6	0	5.97	<13	PASS

		3	2	5.62	<13	PASS
		3	3	5.47	<13	PASS
		6	0	6.39	<13	PASS
HCH		1	0	5.07	<13	PASS
		1	3	4.91	<13	PASS
		1	5	4.69	<13	PASS
		3	0	5.19	<13	PASS
		3	2	4.89	<13	PASS
		3	3	4.85	<13	PASS
		6	0	5.94	<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	3.93	<13	PASS
		1	7	4.27	<13	PASS
		1	14	4.73	<13	PASS
		8	0	5.06	<13	PASS
		8	4	5.23	<13	PASS
		8	7	5.33	<13	PASS
		15	0	5.34	<13	PASS
	MCH	1	0	4.69	<13	PASS
		1	7	4.34	<13	PASS
		1	14	4.09	<13	PASS
		8	0	5.51	<13	PASS
		8	4	5.33	<13	PASS
		8	7	5.25	<13	PASS
		15	0	5.52	<13	PASS
	HCH	1	0	4.81	<13	PASS
		1	7	4.1	<13	PASS
		1	14	3.57	<13	PASS
		8	0	5.52	<13	PASS
		8	4	5.14	<13	PASS
		8	7	4.9	<13	PASS
		15	0	5.41	<13	PASS
16QAM	LCH	1	0	4.95	<13	PASS
		1	7	5.33	<13	PASS
		1	14	5.76	<13	PASS
		8	0	5.79	<13	PASS
		8	4	5.92	<13	PASS

		8	7	6.03	<13	PASS
		15	0	6.24	<13	PASS
MCH		1	0	5.8	<13	PASS
		1	7	5.53	<13	PASS
		1	14	5.3	<13	PASS
		8	0	6.27	<13	PASS
		8	4	6.07	<13	PASS
		8	7	5.98	<13	PASS
		15	0	6.45	<13	PASS
HCH		1	0	5.98	<13	PASS
		1	7	5.34	<13	PASS
		1	14	4.74	<13	PASS
		8	0	6.3	<13	PASS
		8	4	5.99	<13	PASS
		8	7	5.73	<13	PASS
		15	0	6.35	<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	3.9	<13	PASS
		1	12	4.49	<13	PASS
		1	24	5.04	<13	PASS
		12	0	5.07	<13	PASS
		12	6	5.37	<13	PASS
		12	13	5.73	<13	PASS
		25	0	5.53	<13	PASS
	MCH	1	0	4.68	<13	PASS
		1	12	4.26	<13	PASS
		1	24	3.84	<13	PASS
		12	0	5.55	<13	PASS
		12	6	5.33	<13	PASS
		12	13	5.06	<13	PASS
		25	0	5.49	<13	PASS
	HCH	1	0	4.99	<13	PASS
		1	12	4.49	<13	PASS
		1	24	3.55	<13	PASS
		12	0	5.78	<13	PASS
		12	6	5.6	<13	PASS
		12	13	5.11	<13	PASS

		25	0	5.57	<13	PASS
16QAM	LCH	1	0	5.03	<13	PASS
		1	12	5.65	<13	PASS
		1	24	6.25	<13	PASS
		12	0	5.94	<13	PASS
		12	6	6.2	<13	PASS
		12	13	6.56	<13	PASS
		25	0	6.38	<13	PASS
	MCH	1	0	5.92	<13	PASS
		1	12	5.52	<13	PASS
		1	24	5.03	<13	PASS
		12	0	6.44	<13	PASS
		12	6	6.23	<13	PASS
		12	13	5.89	<13	PASS
		25	0	6.35	<13	PASS
	HCH	1	0	6.2	<13	PASS
		1	12	5.75	<13	PASS
		1	24	4.81	<13	PASS
		12	0	6.6	<13	PASS
		12	6	6.48	<13	PASS
		12	13	6	<13	PASS
		25	0	6.41	<13	PASS

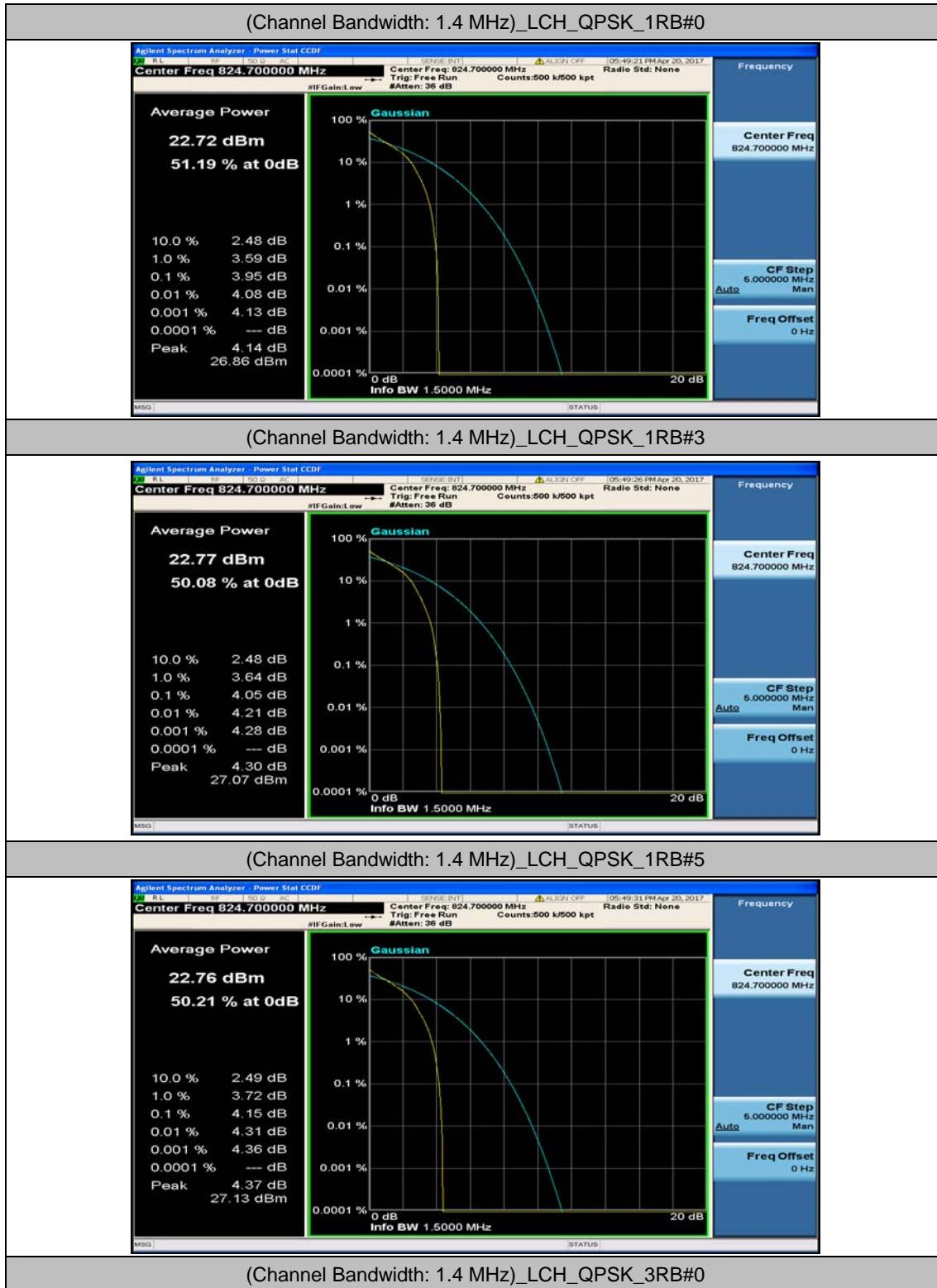
### Channel Bandwidth: 10 MHz

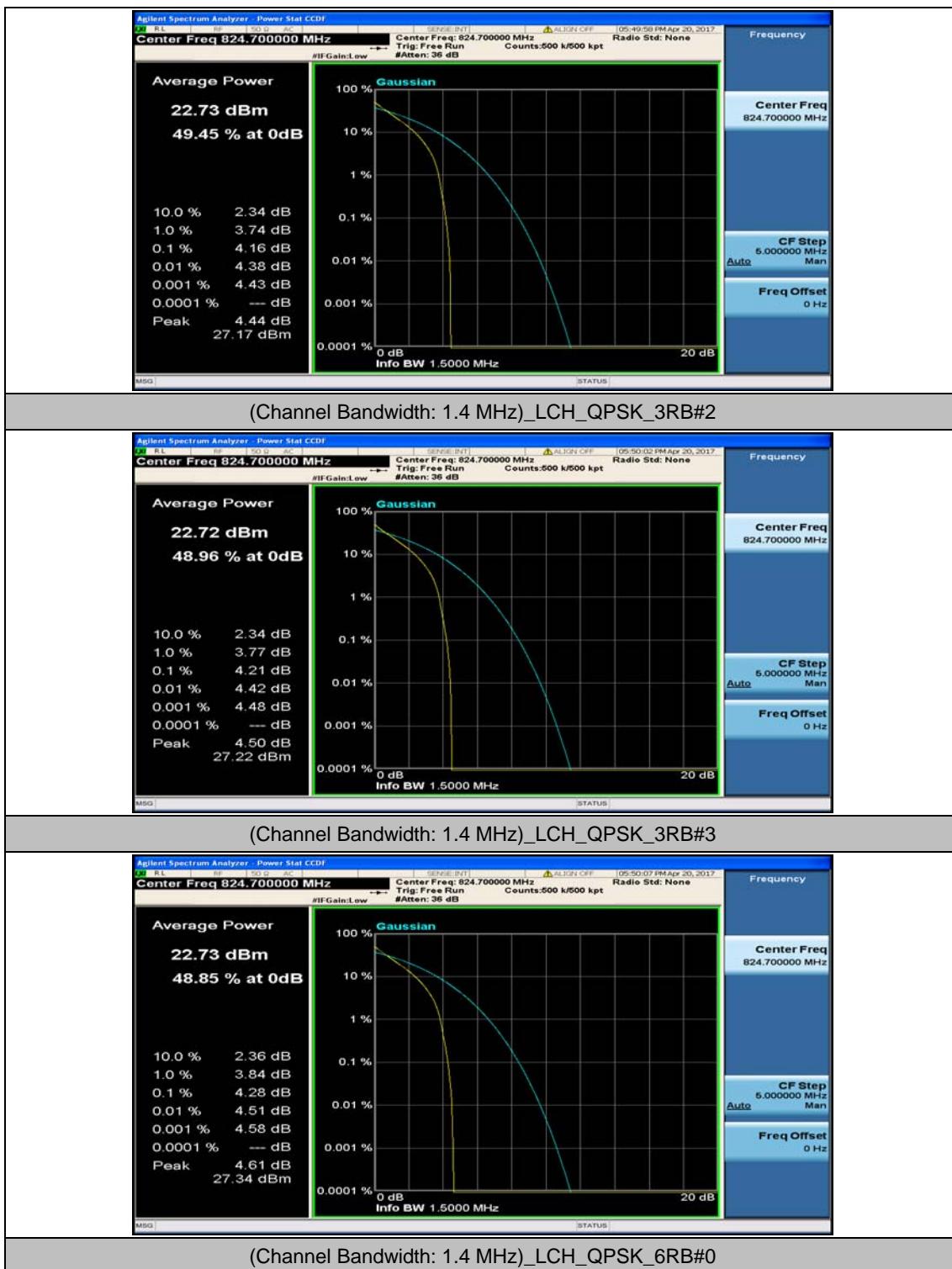
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.99	<13	PASS
		1	24	5.2	<13	PASS
		1	49	4.92	<13	PASS
		25	0	5.64	<13	PASS
		25	12	5.98	<13	PASS
		25	25	5.97	<13	PASS
		50	0	5.8	<13	PASS
	MCH	1	0	5.18	<13	PASS
		1	24	4.34	<13	PASS
		1	49	4.14	<13	PASS
		25	0	5.83	<13	PASS
		25	12	5.45	<13	PASS
		25	25	5.16	<13	PASS
		50	0	5.53	<13	PASS

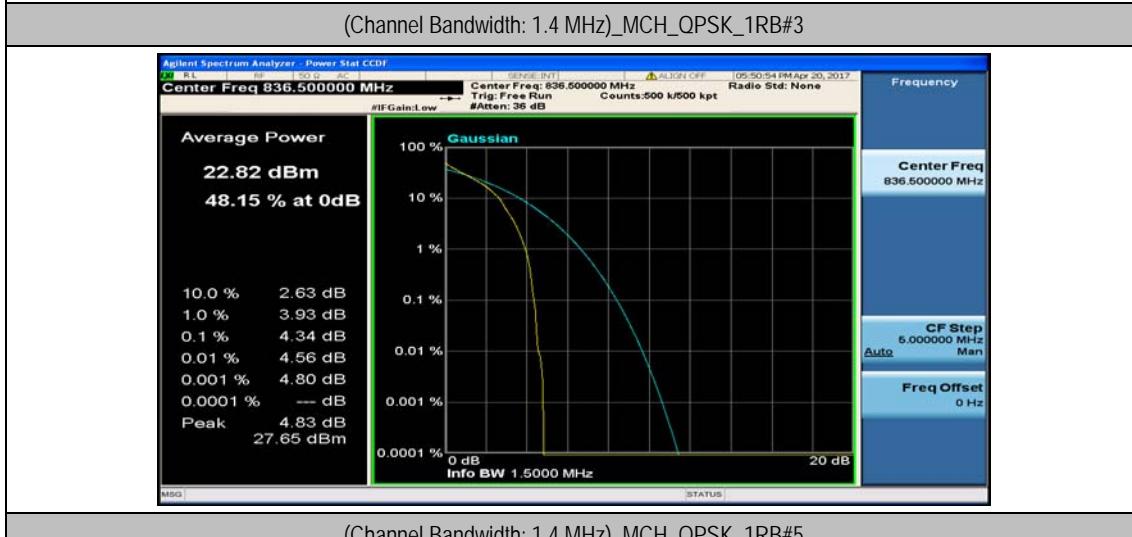
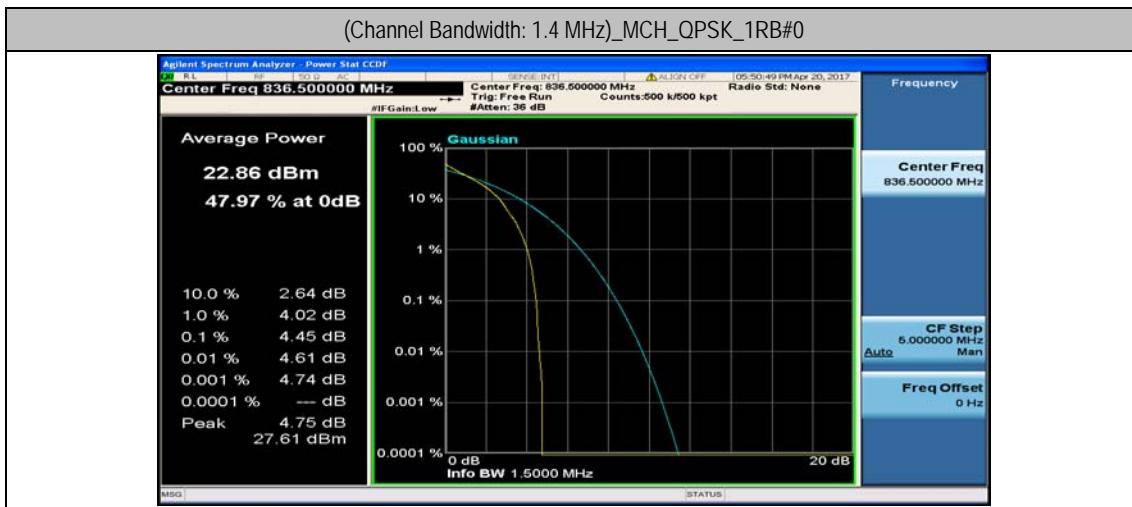
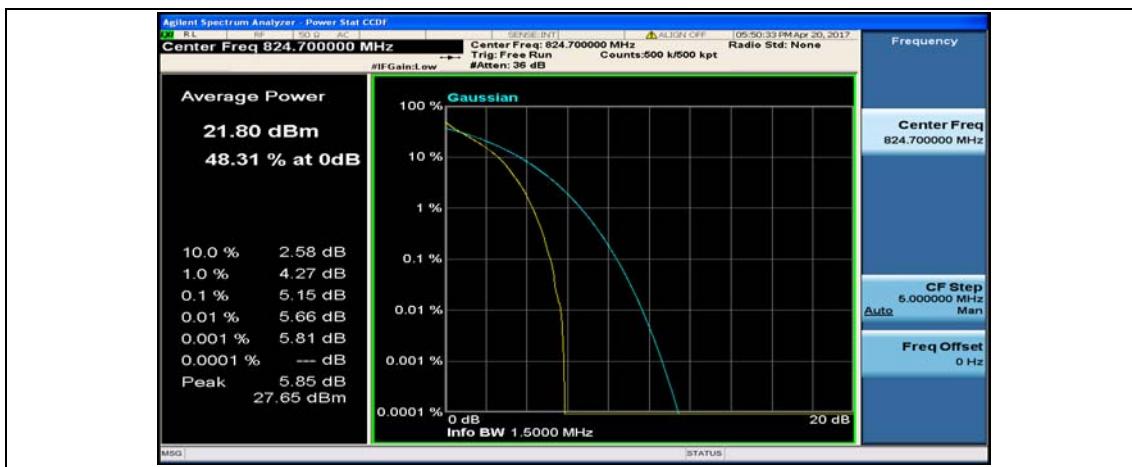
		1	0	4.01	<13	PASS
	HCH	1	24	5.08	<13	PASS
		1	49	3.7	<13	PASS
		25	0	5.37	<13	PASS
		25	12	5.74	<13	PASS
		25	25	5.61	<13	PASS
		50	0	5.56	<13	PASS
		1	0	5.09	<13	PASS
	LCH	1	24	6.44	<13	PASS
		1	49	6	<13	PASS
		25	0	6.46	<13	PASS
		25	12	6.81	<13	PASS
		25	25	6.85	<13	PASS
		50	0	6.58	<13	PASS
		1	0	6.38	<13	PASS
	MCH	1	24	5.53	<13	PASS
		1	49	5.27	<13	PASS
		25	0	6.69	<13	PASS
		25	12	6.29	<13	PASS
		25	25	5.99	<13	PASS
		50	0	6.29	<13	PASS
		1	0	4.98	<13	PASS
	HCH	1	24	6.21	<13	PASS
		1	49	4.9	<13	PASS
		25	0	6.2	<13	PASS
		25	12	6.55	<13	PASS
		25	25	6.45	<13	PASS
		50	0	6.31	<13	PASS

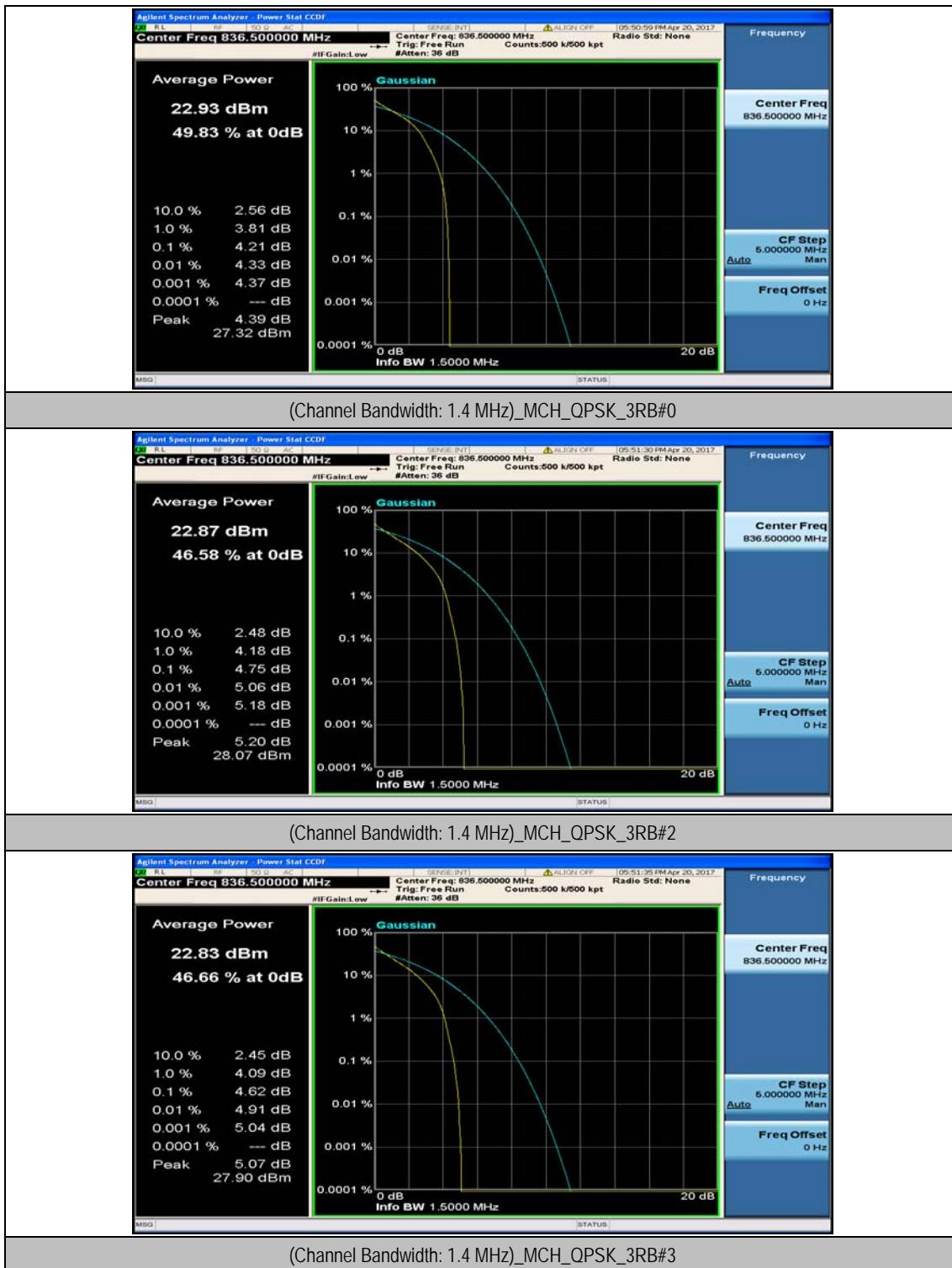
## Test Graphs

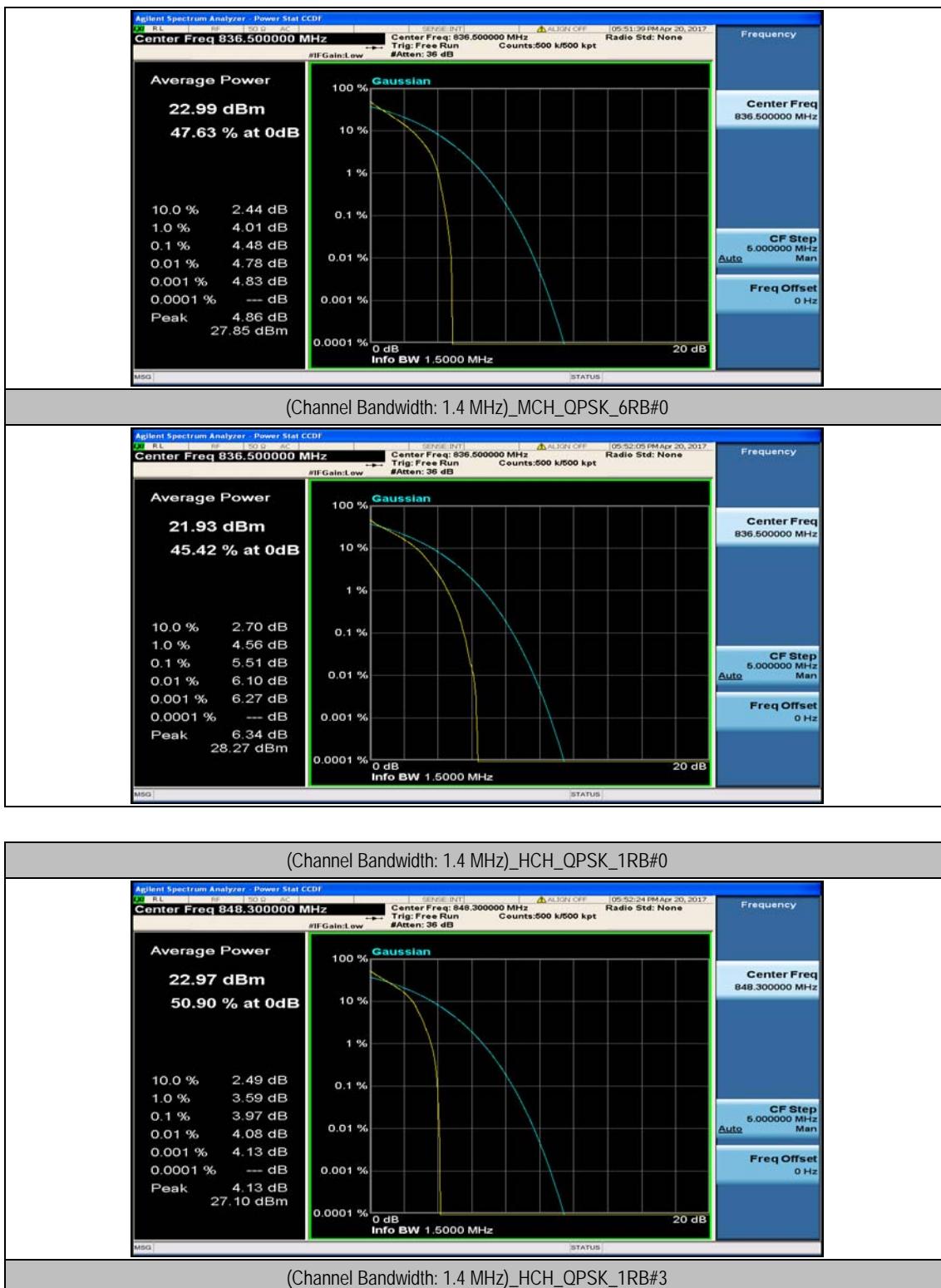
### Channel Bandwidth: 1.4 MHz

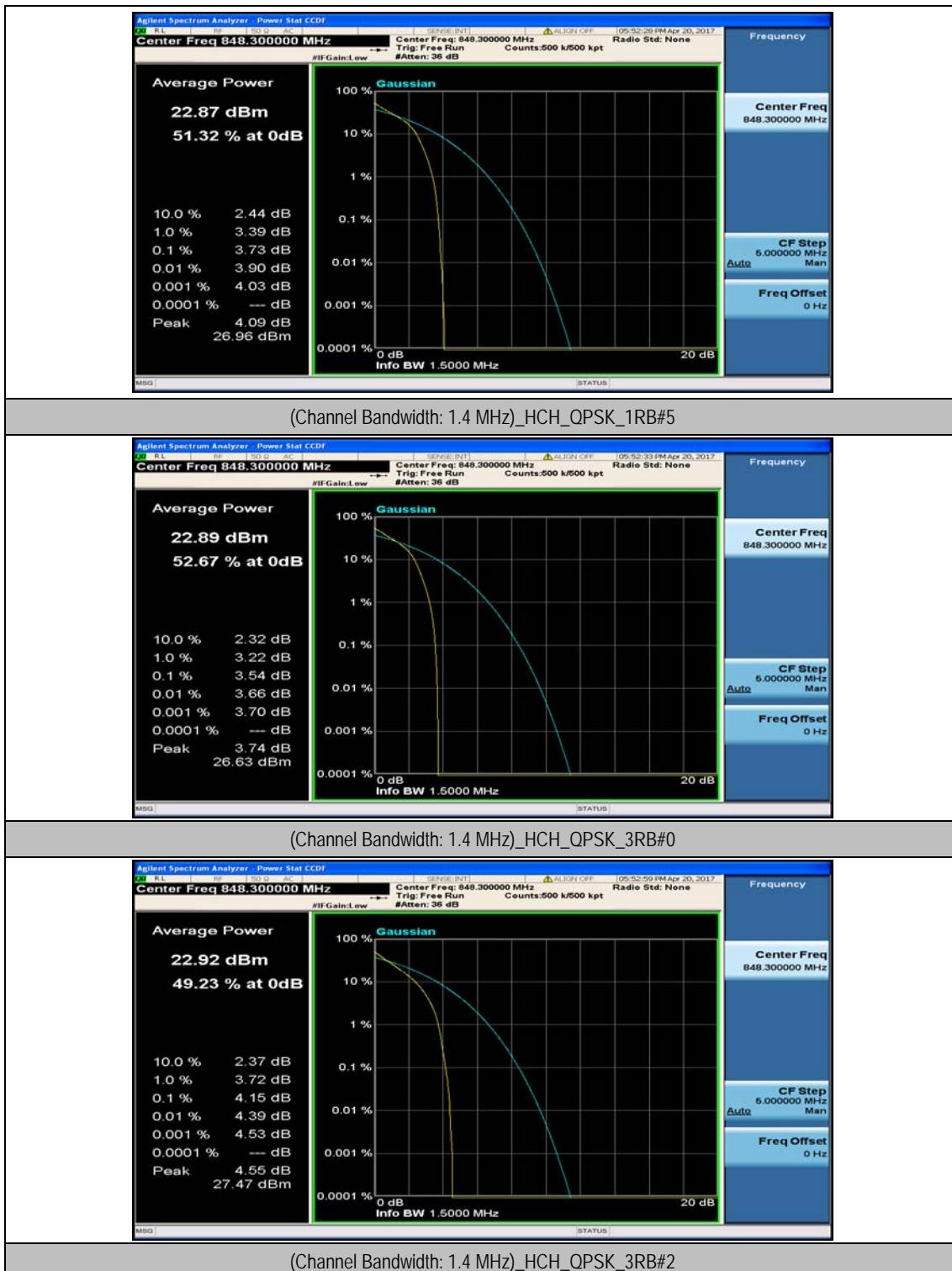


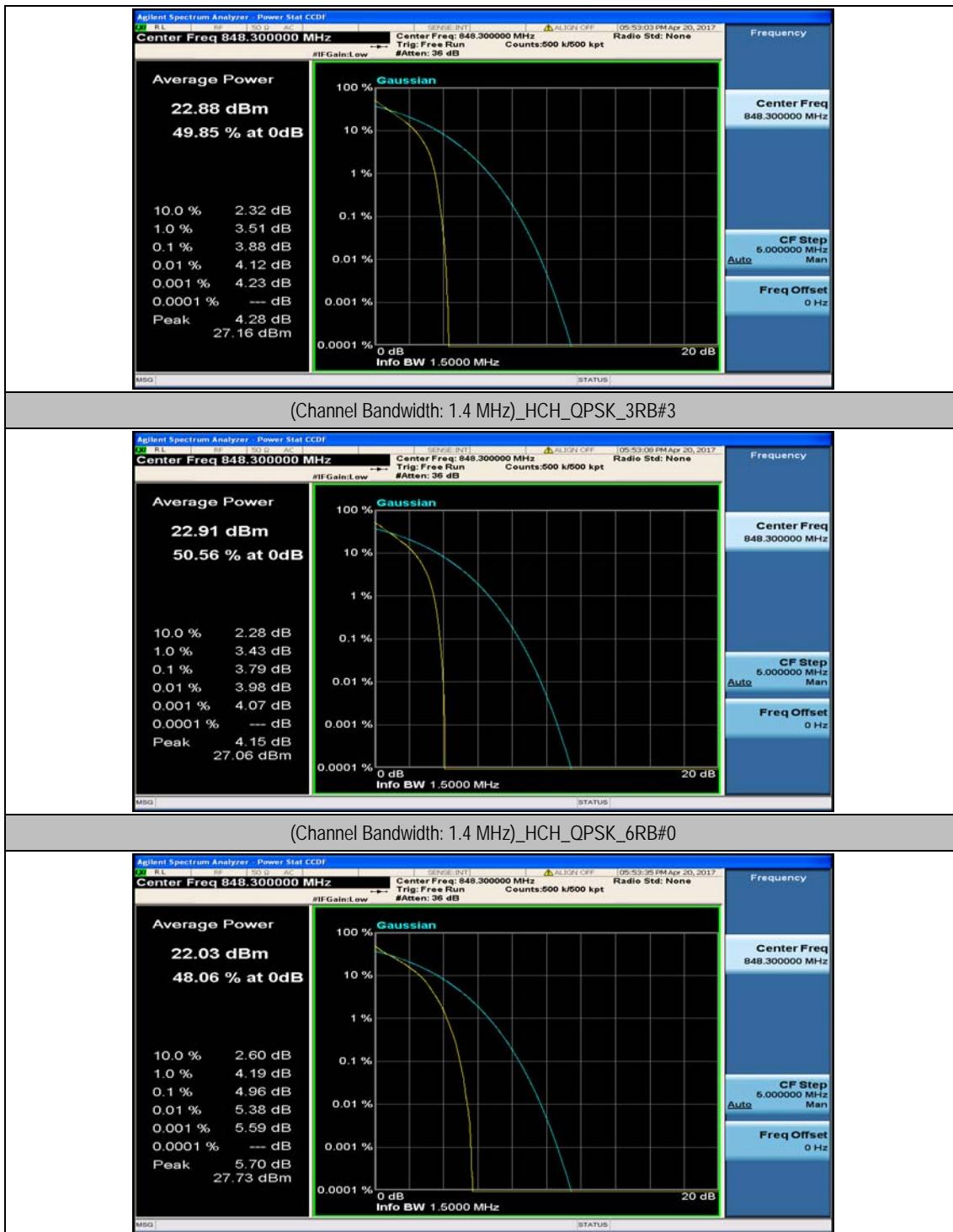


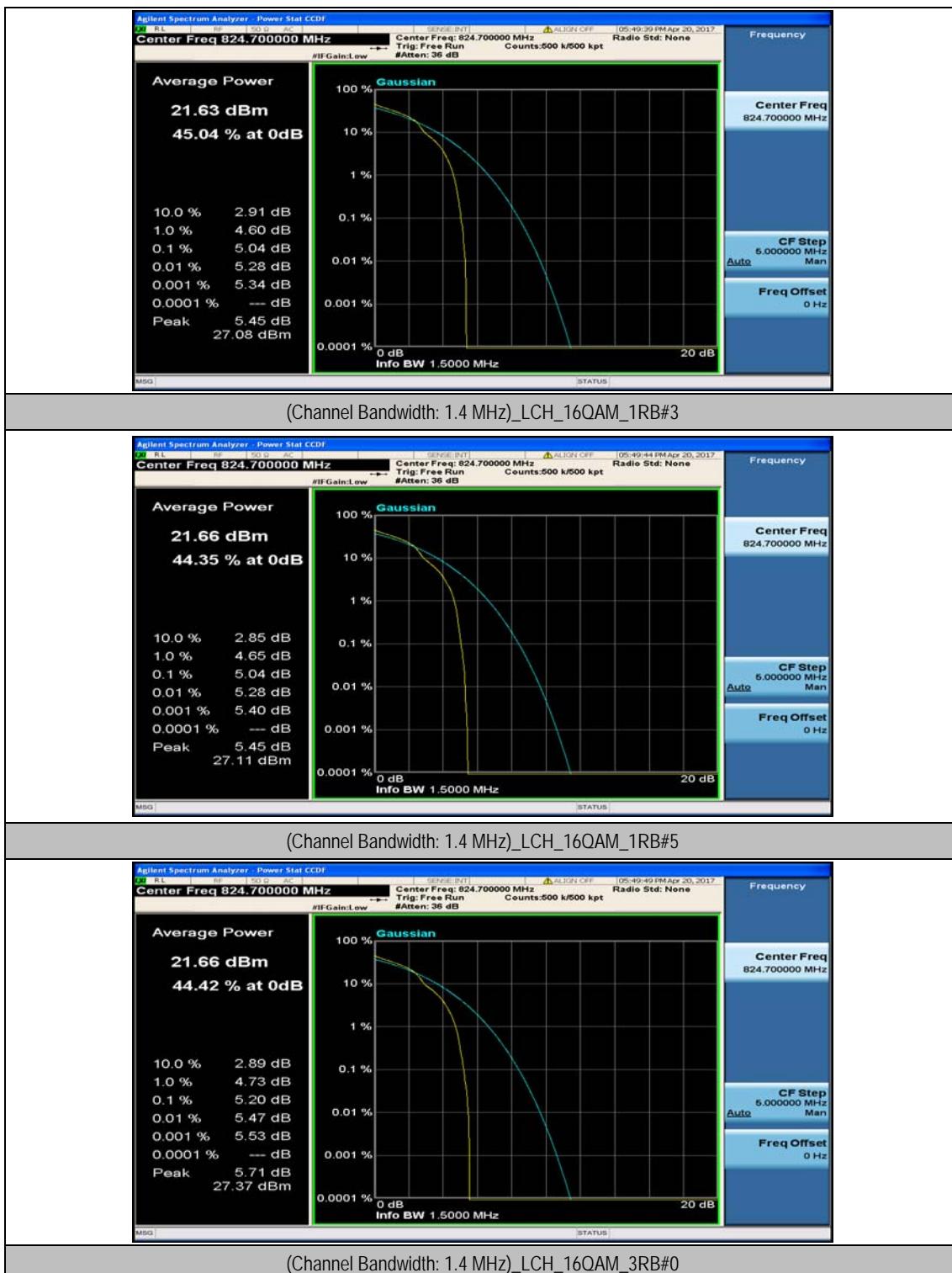


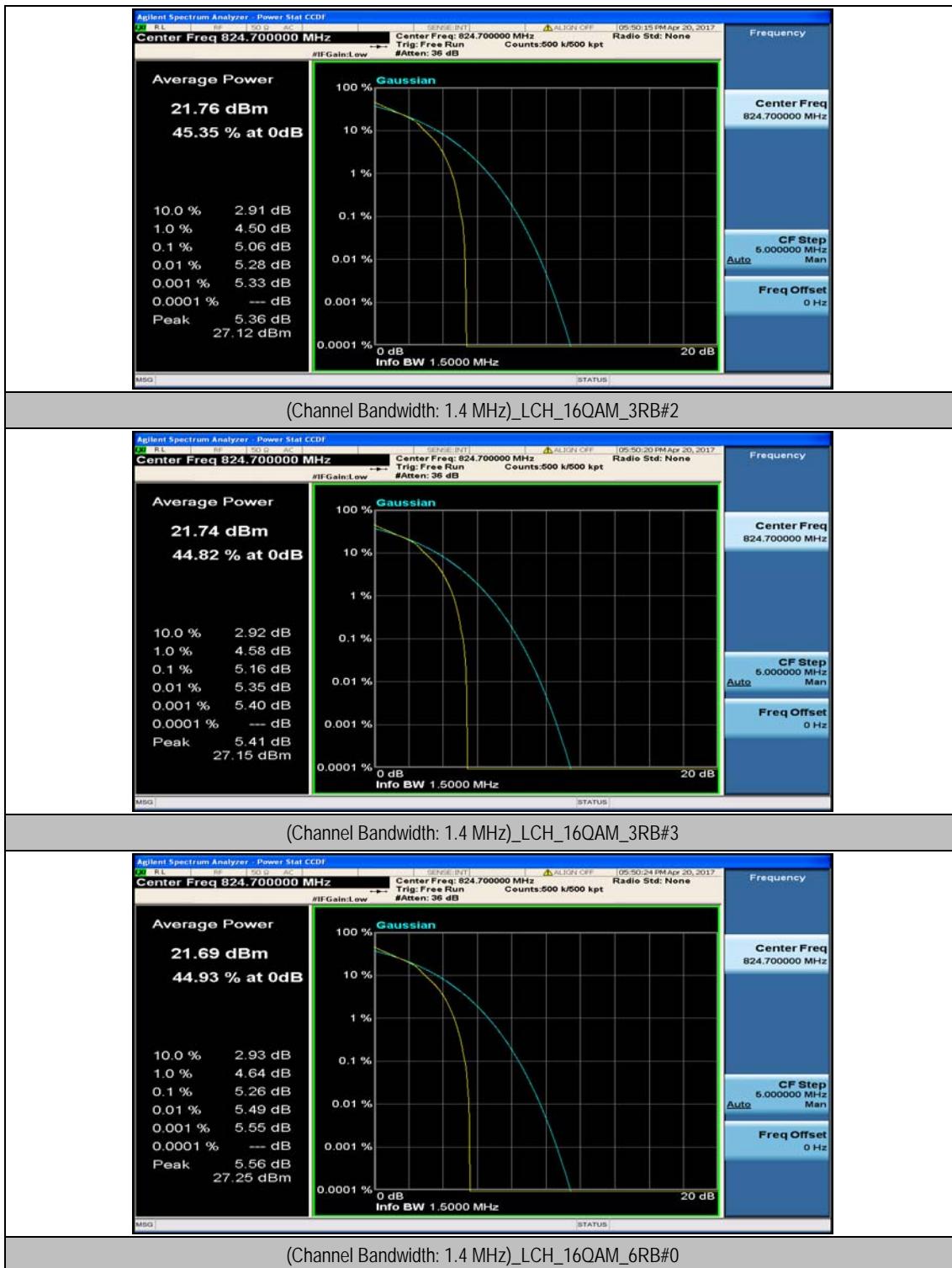


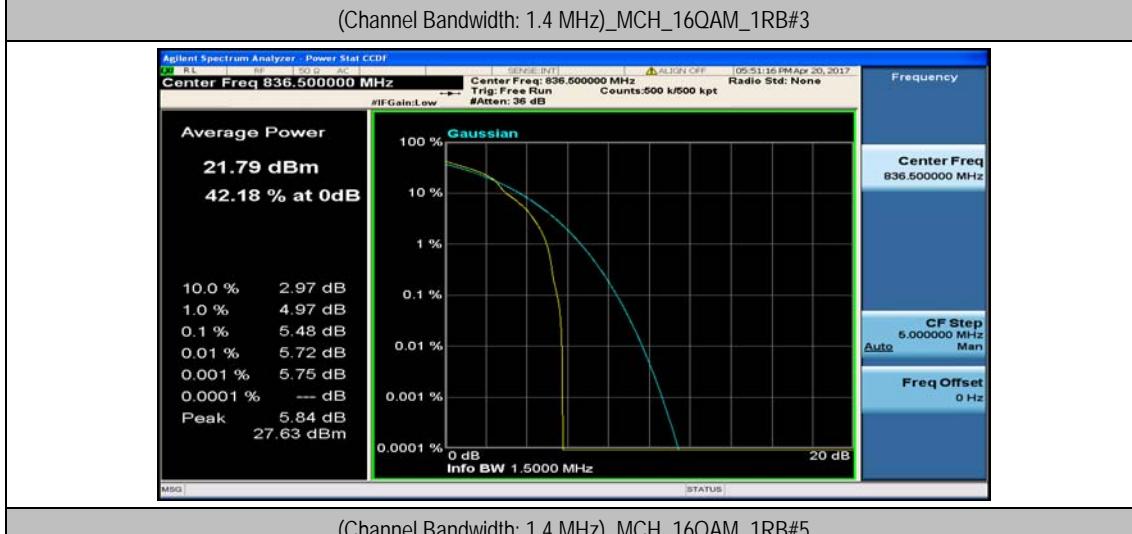
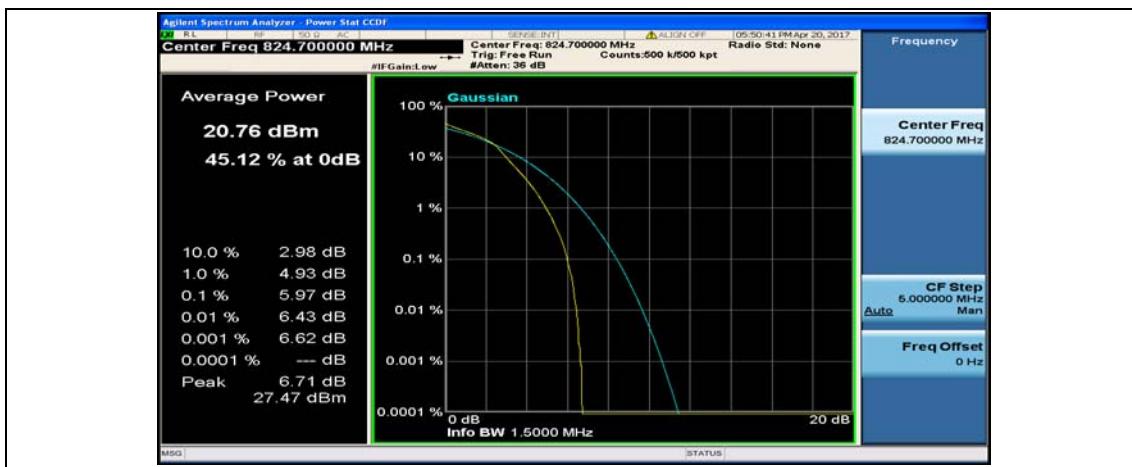


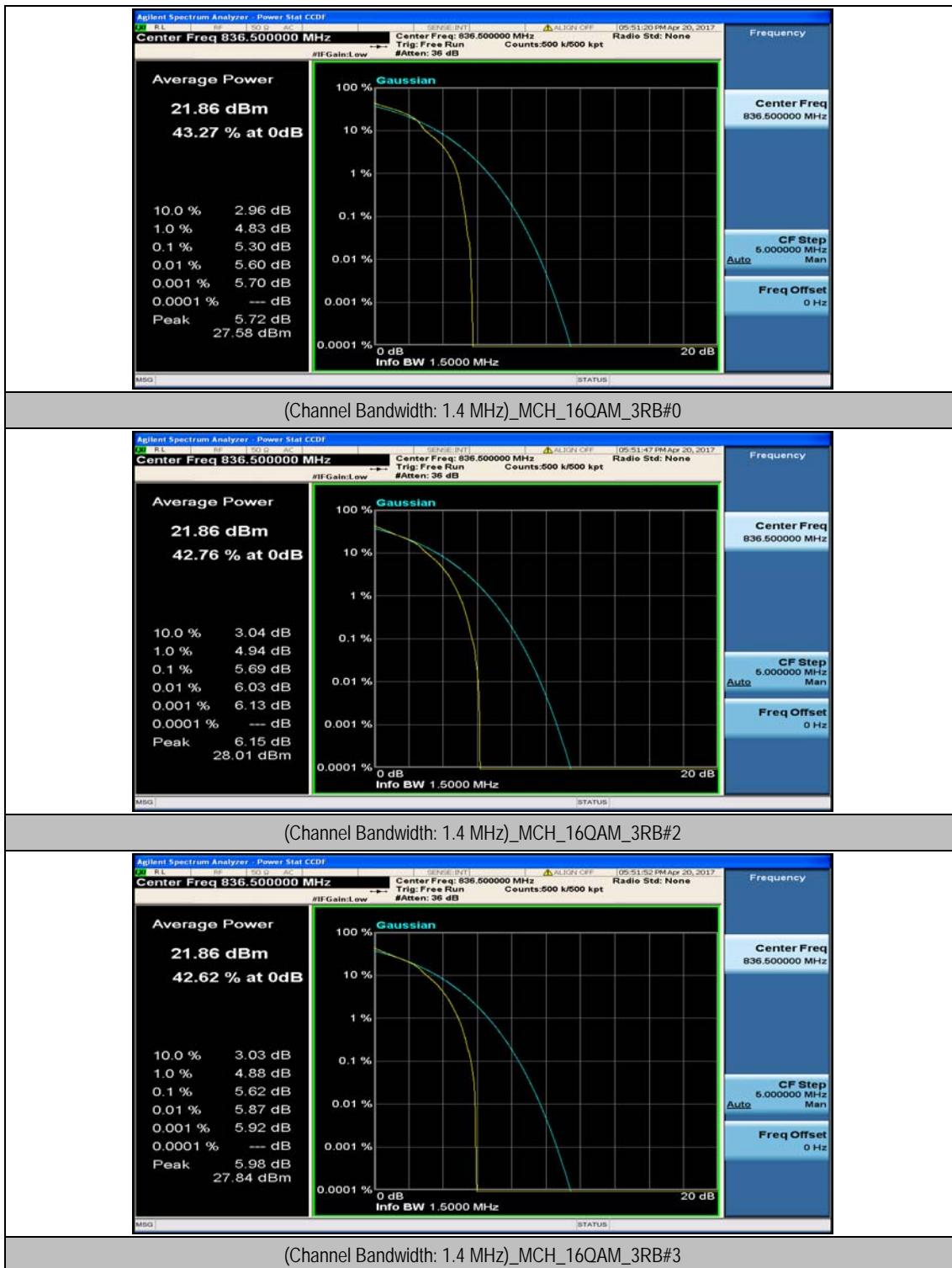


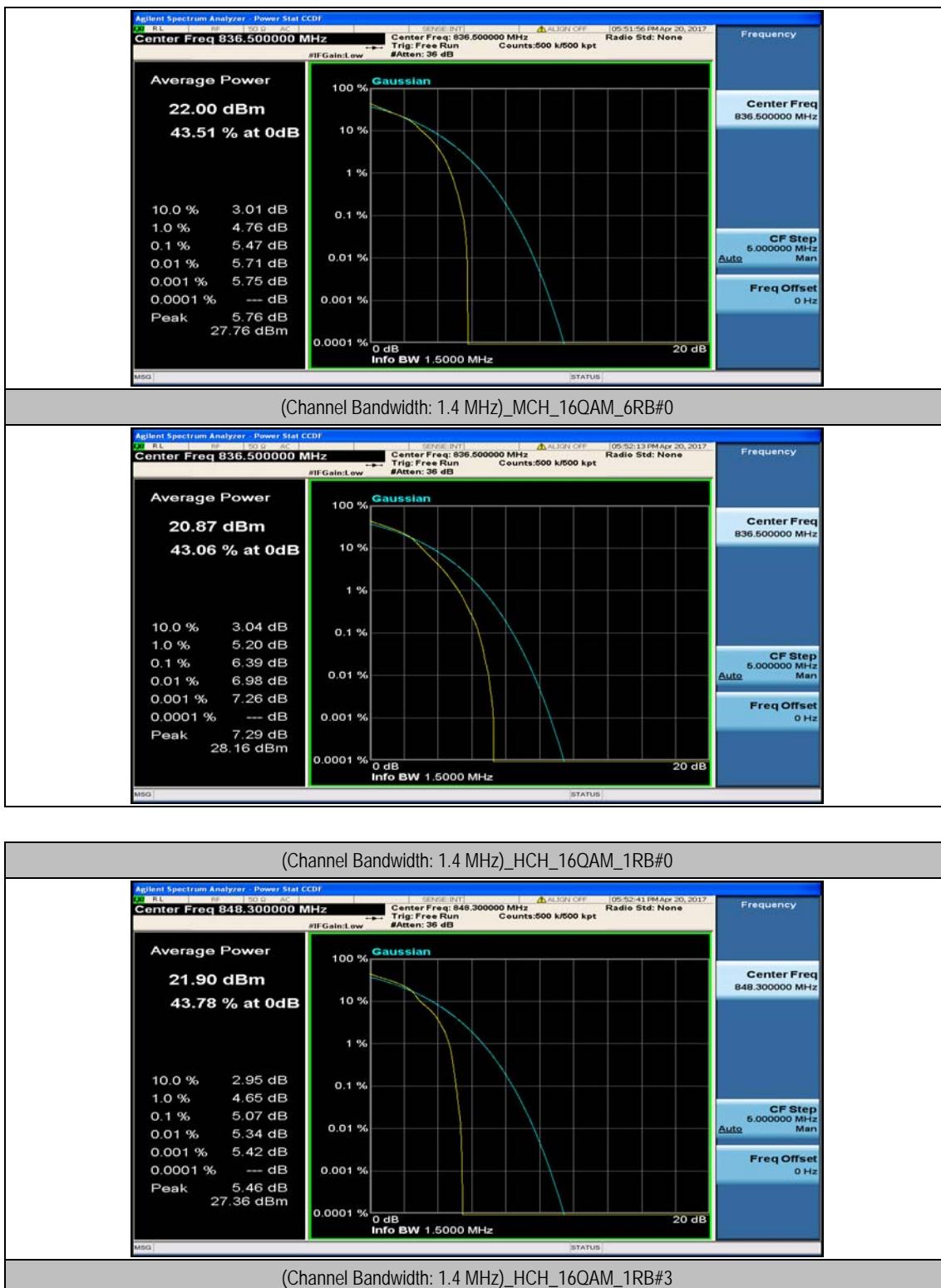


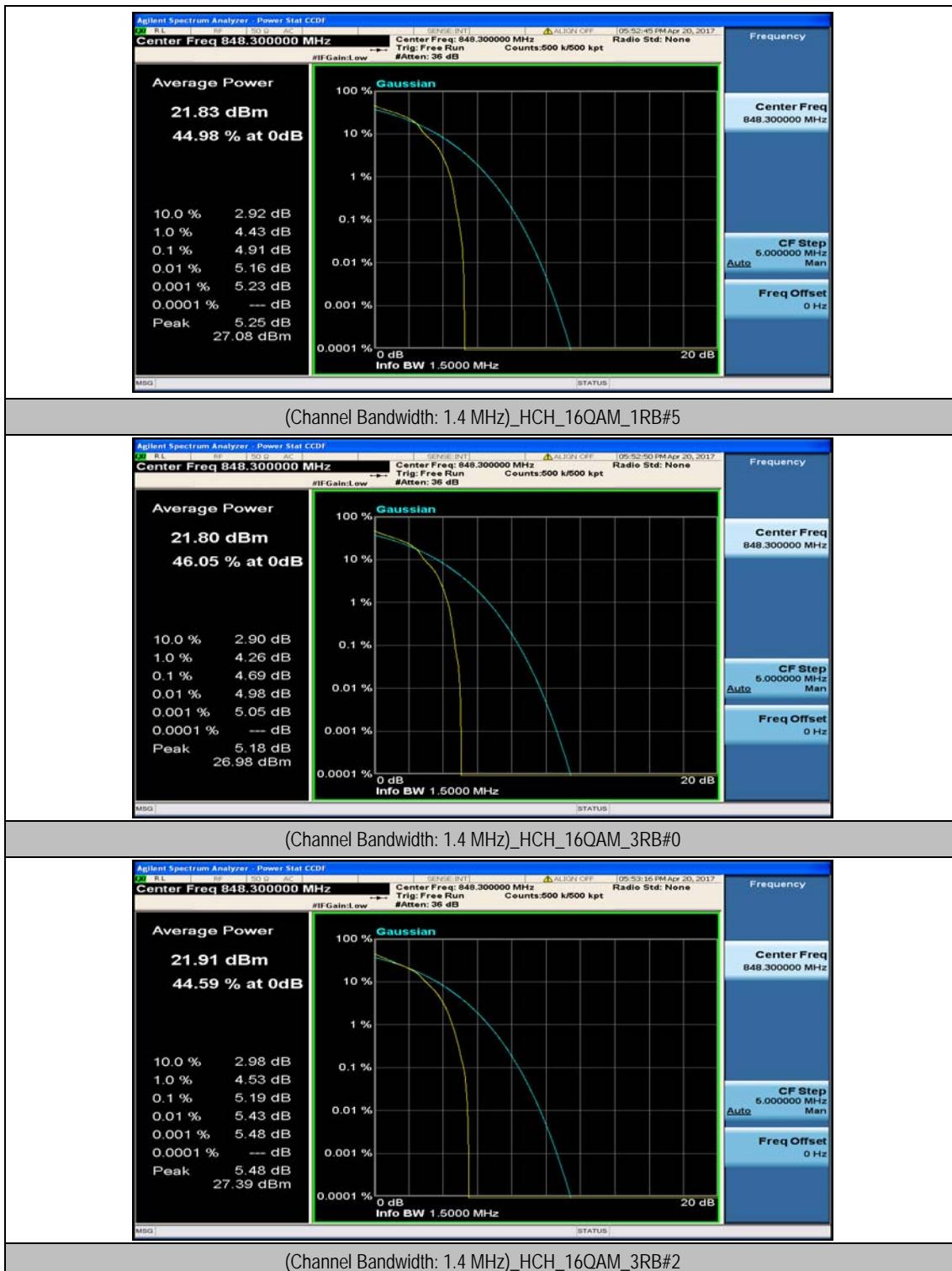


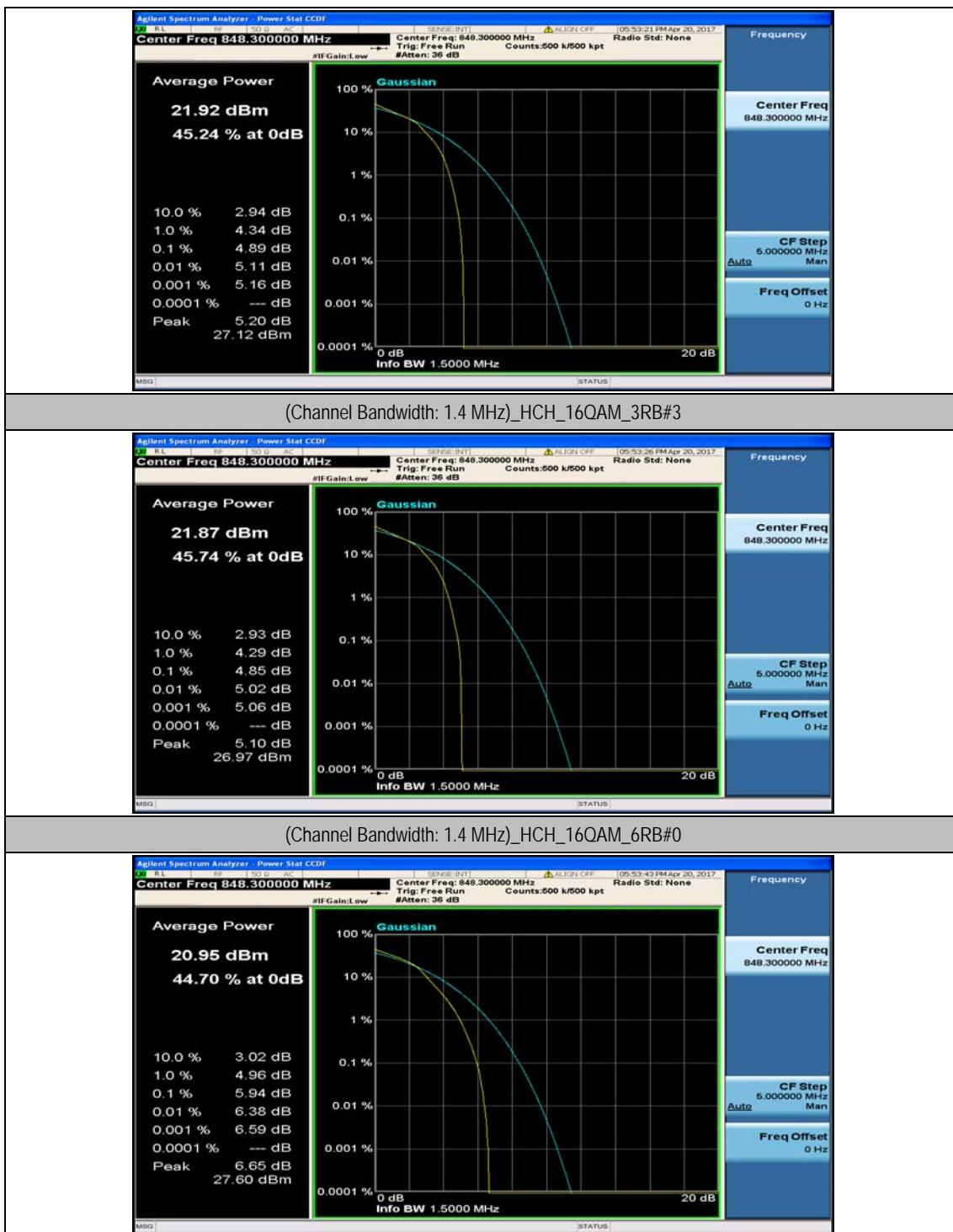






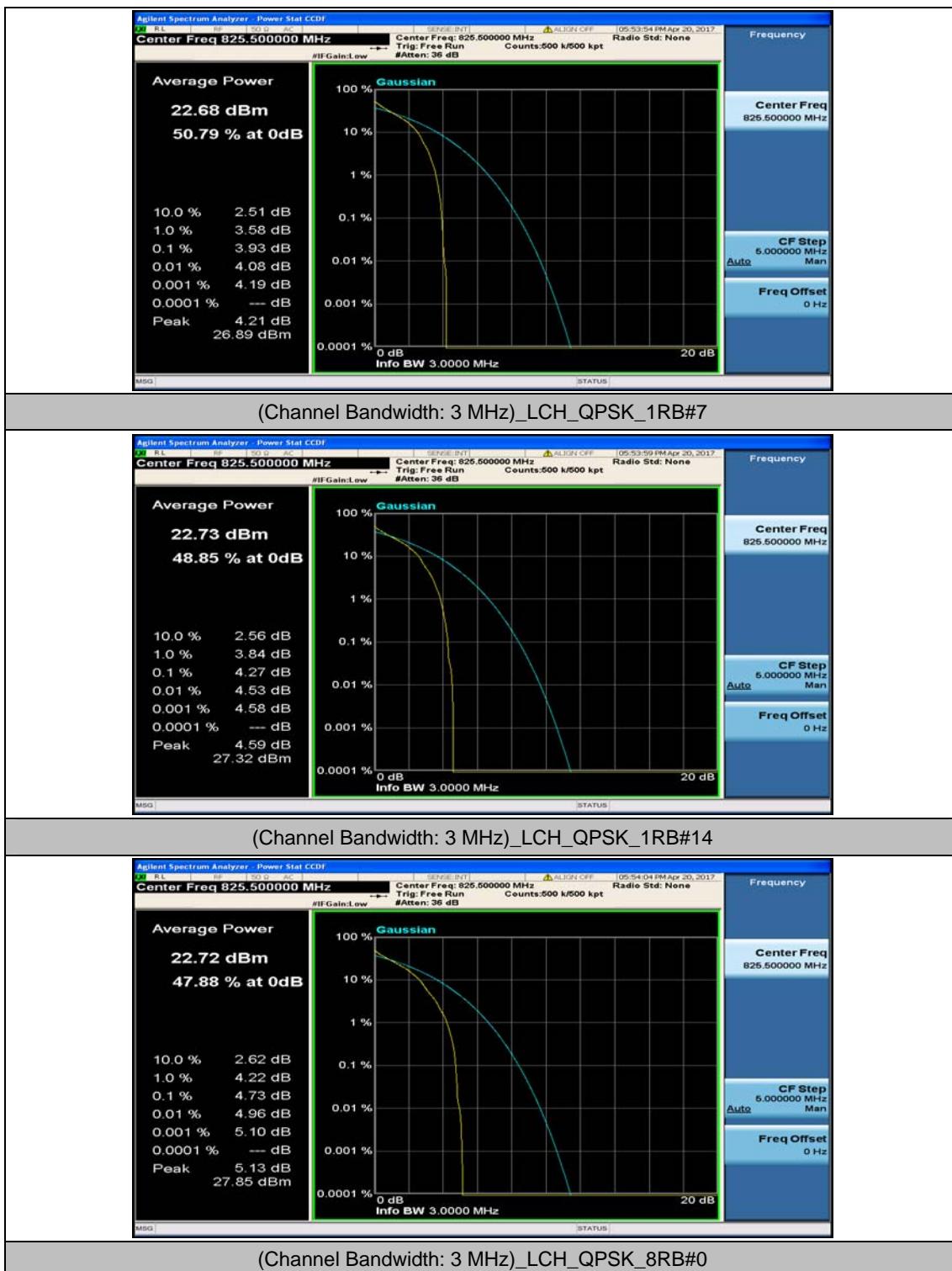


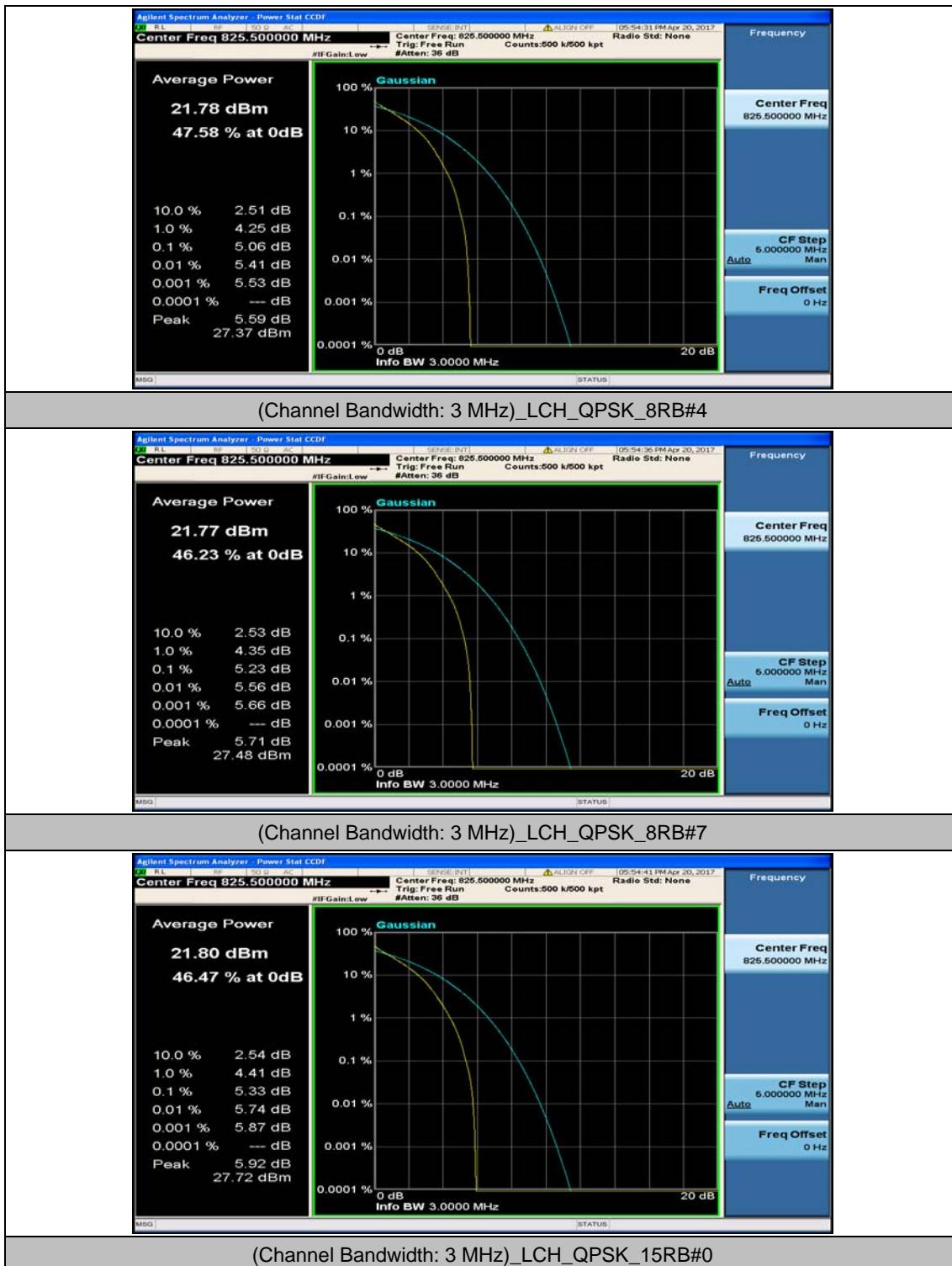


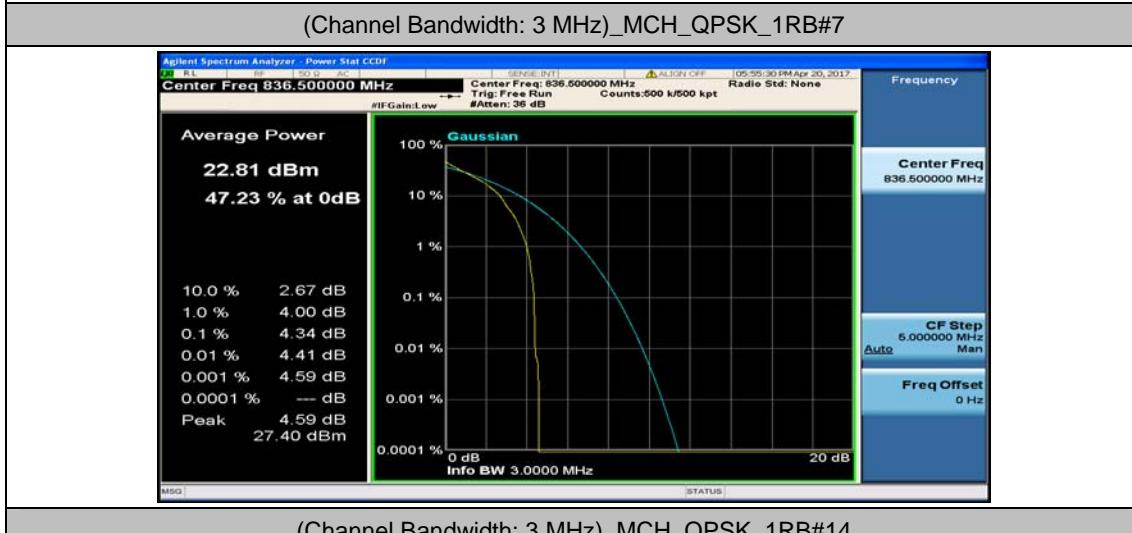
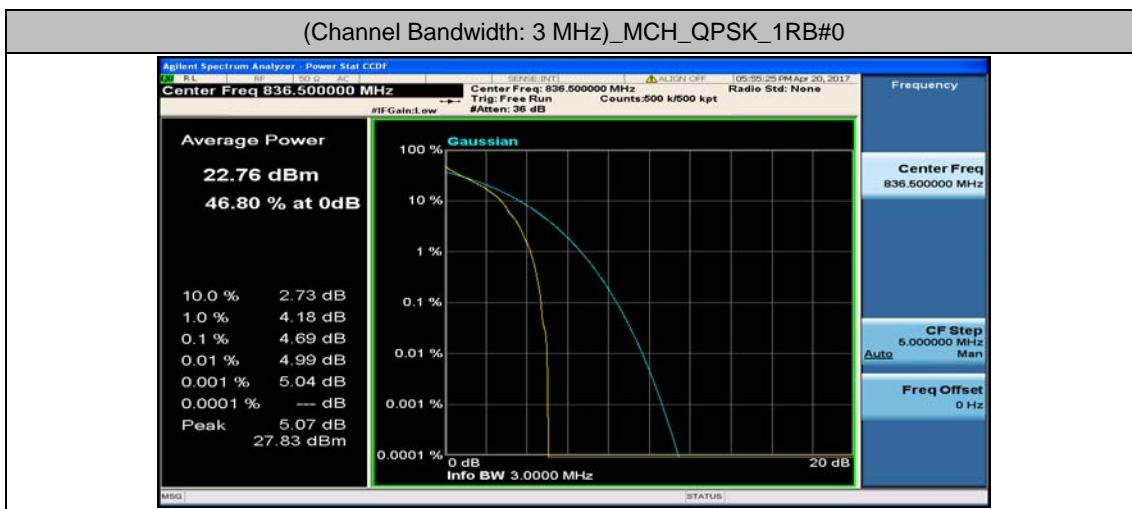
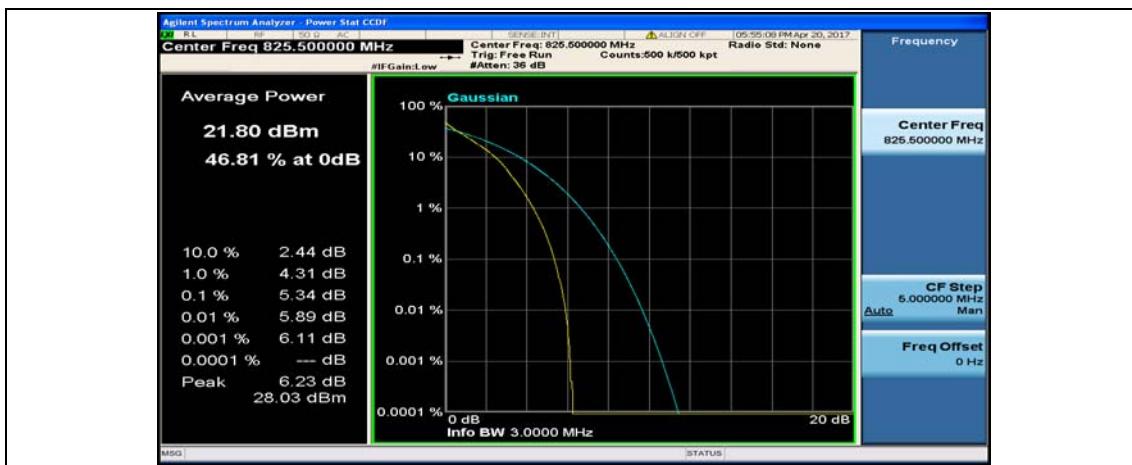


## Channel Bandwidth: 3 MHz

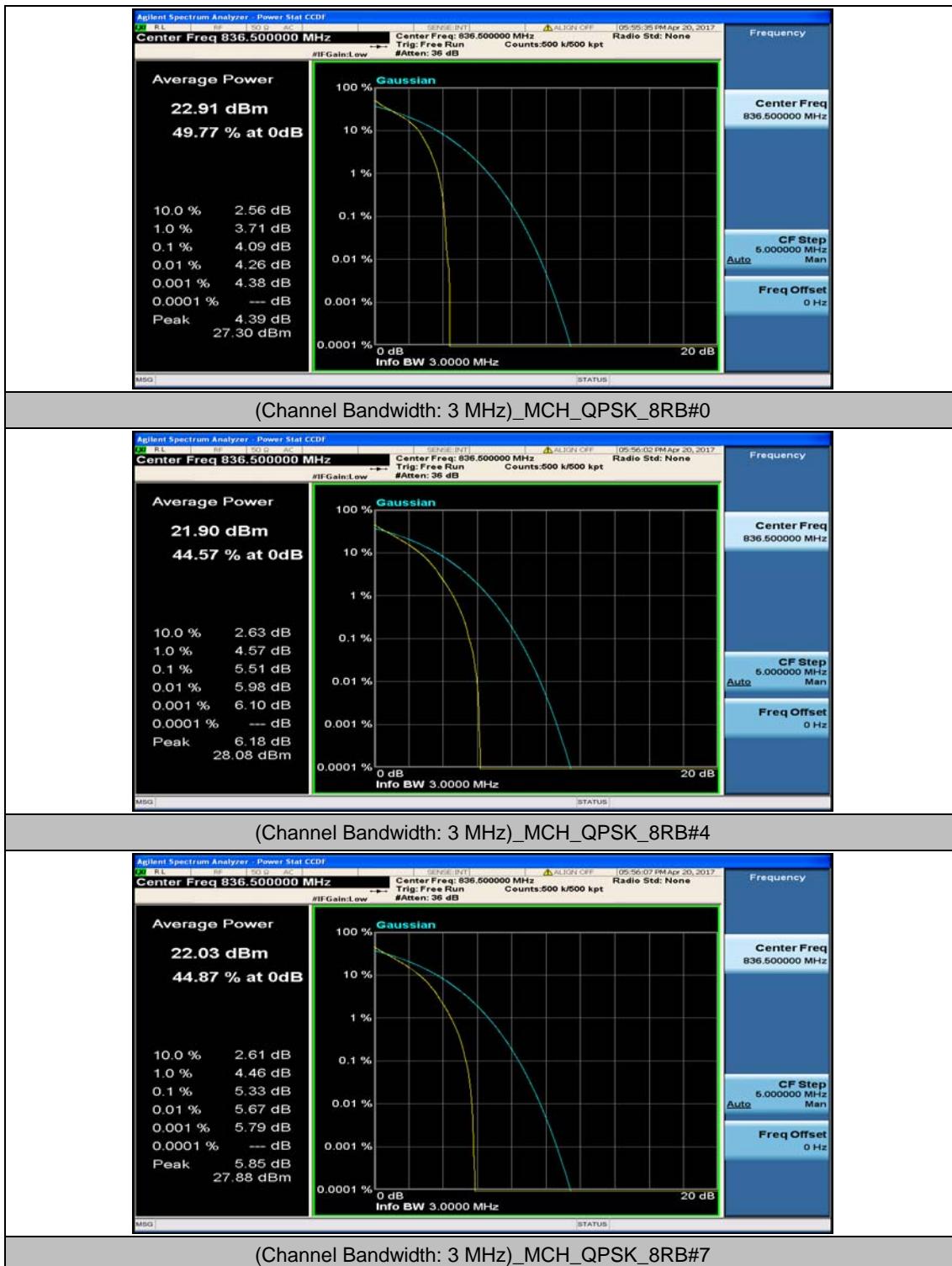
**(Channel Bandwidth: 3 MHz)\_LCH\_QPSK\_1RB#0**

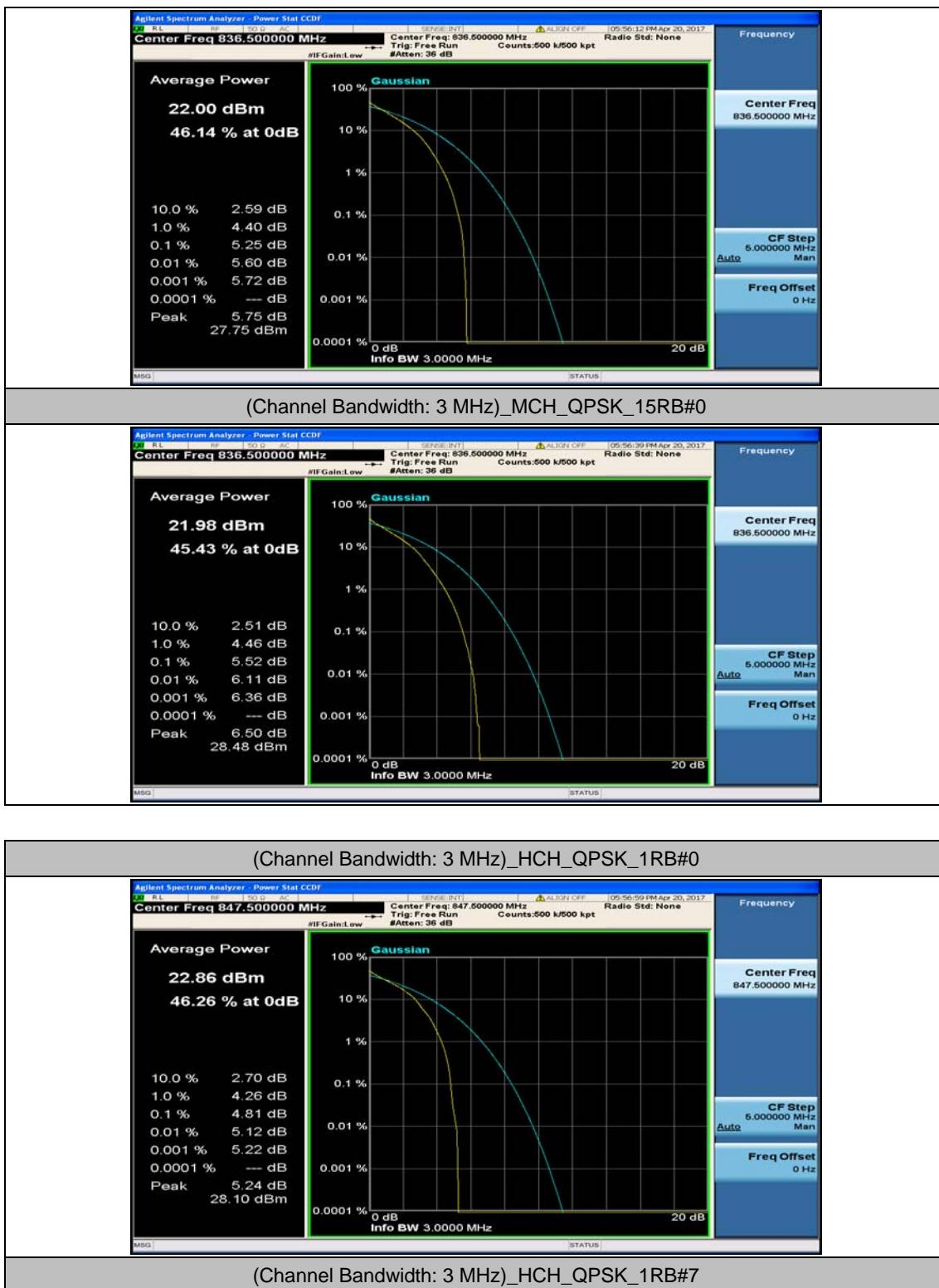


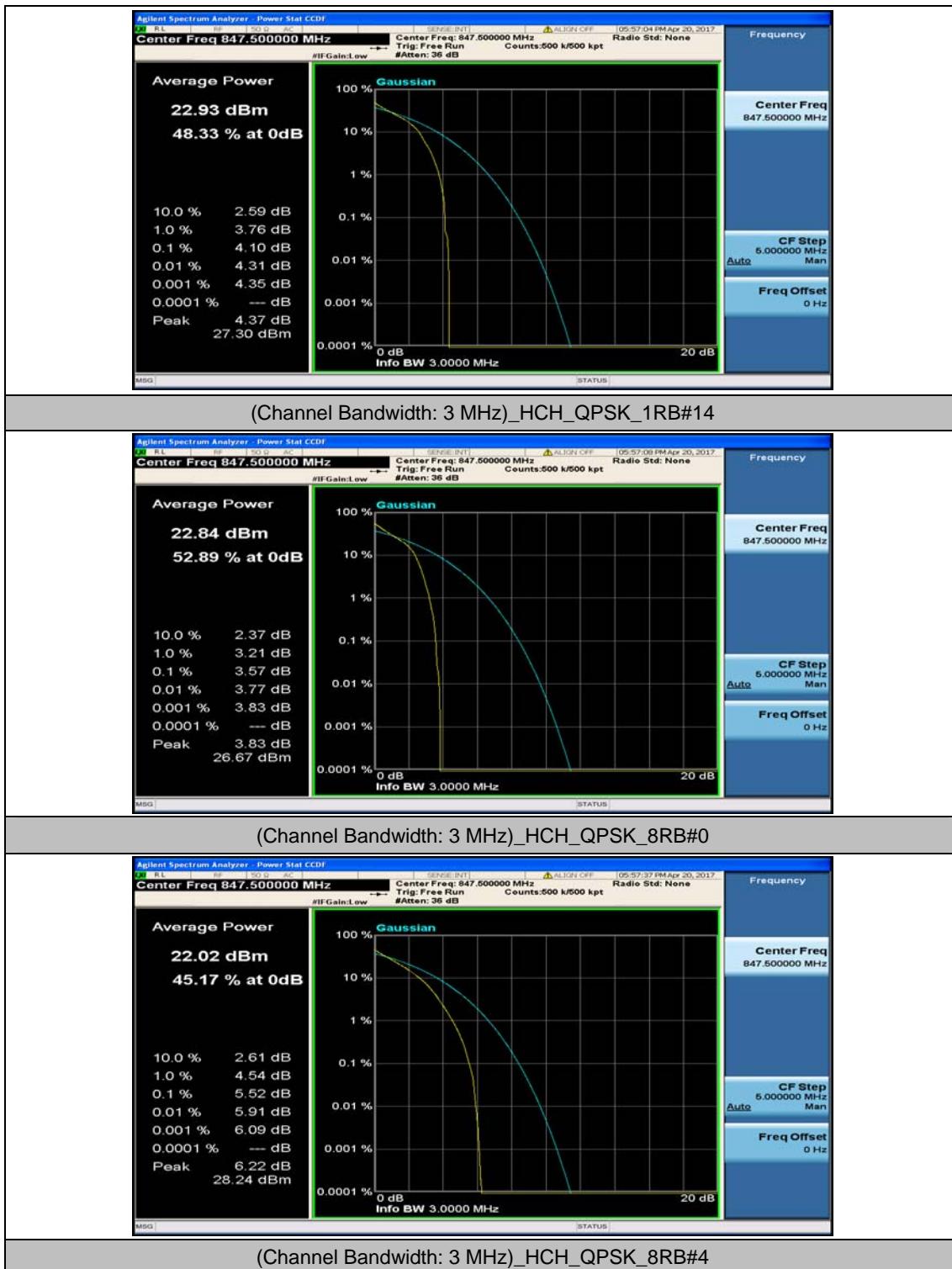


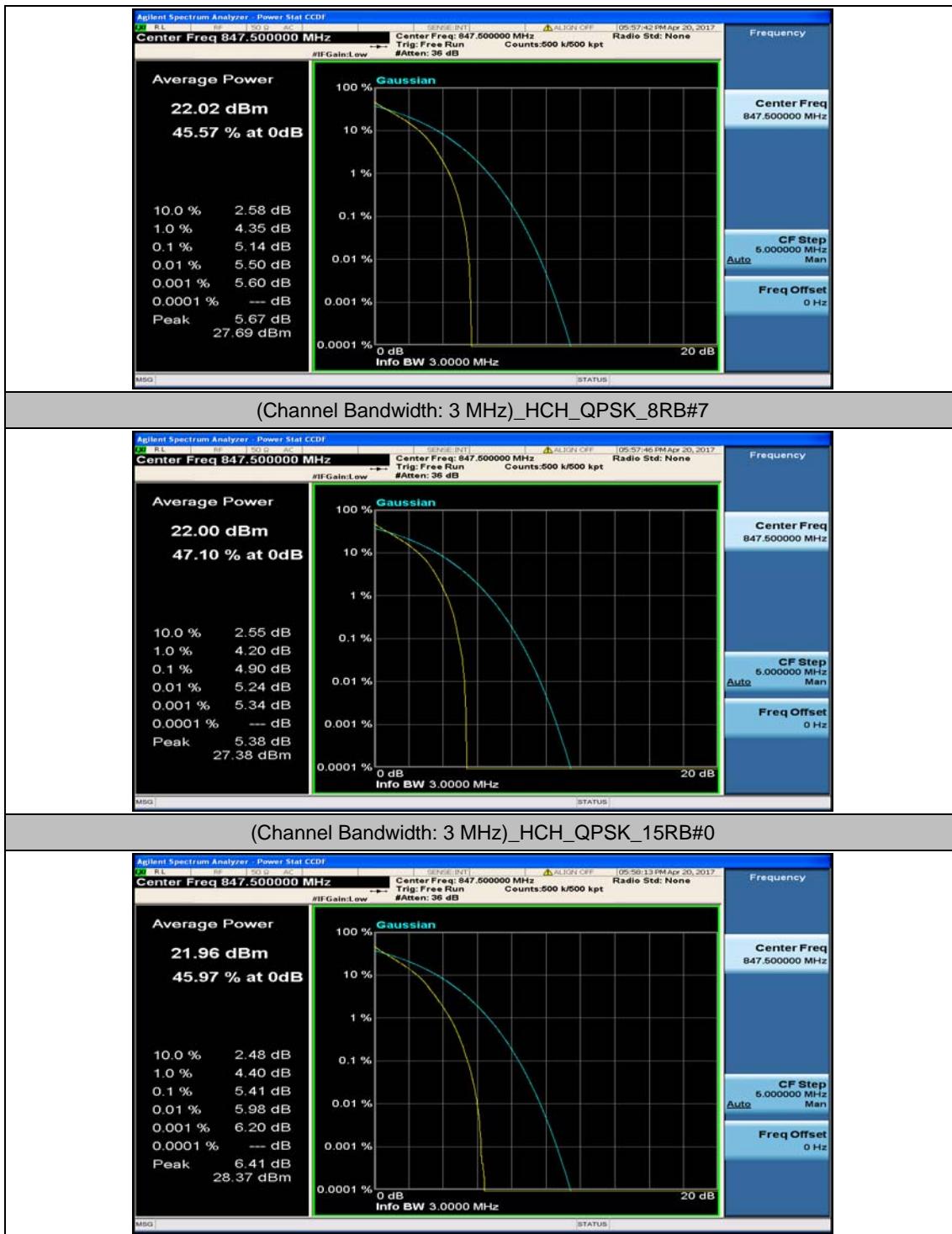


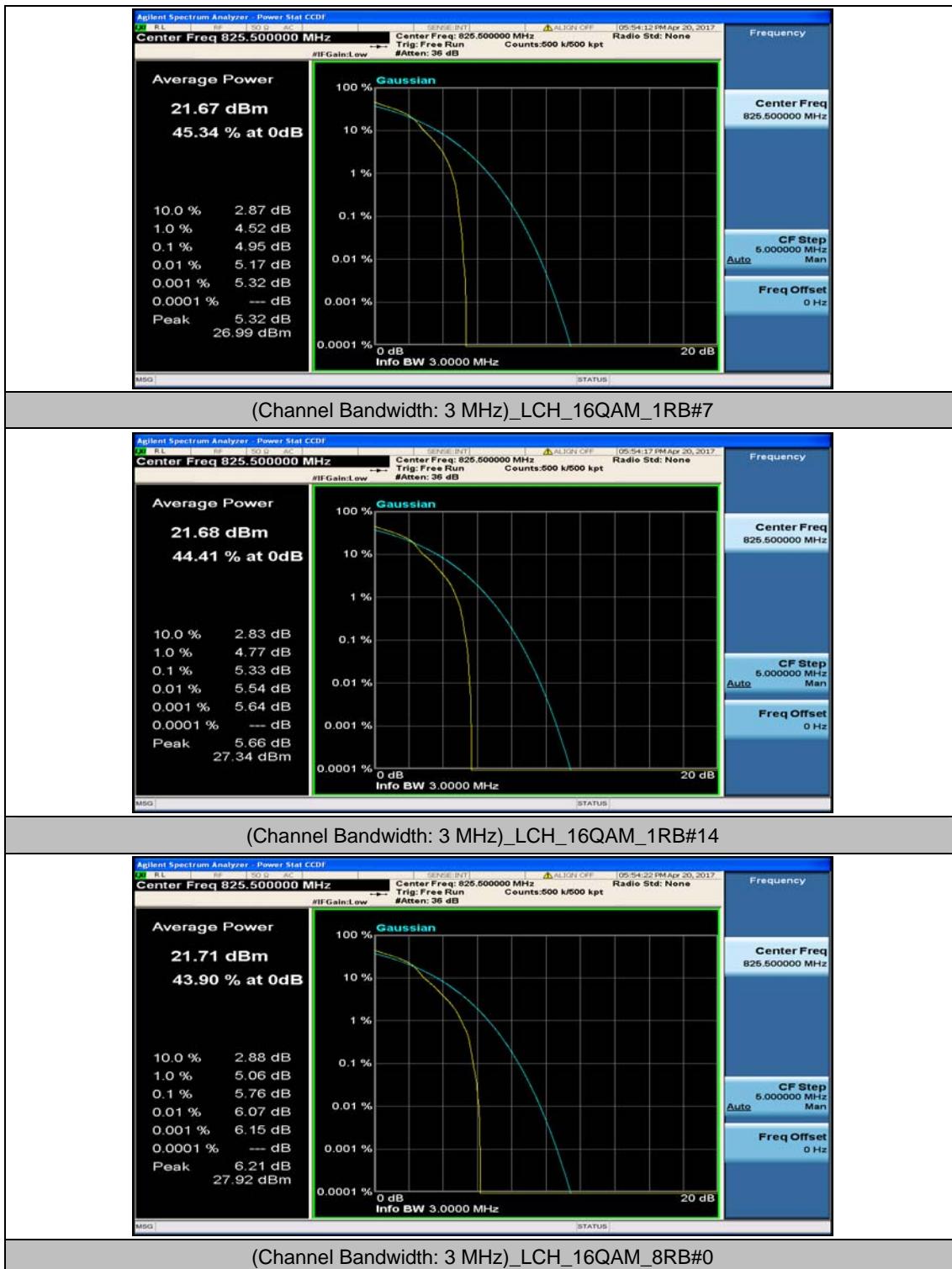
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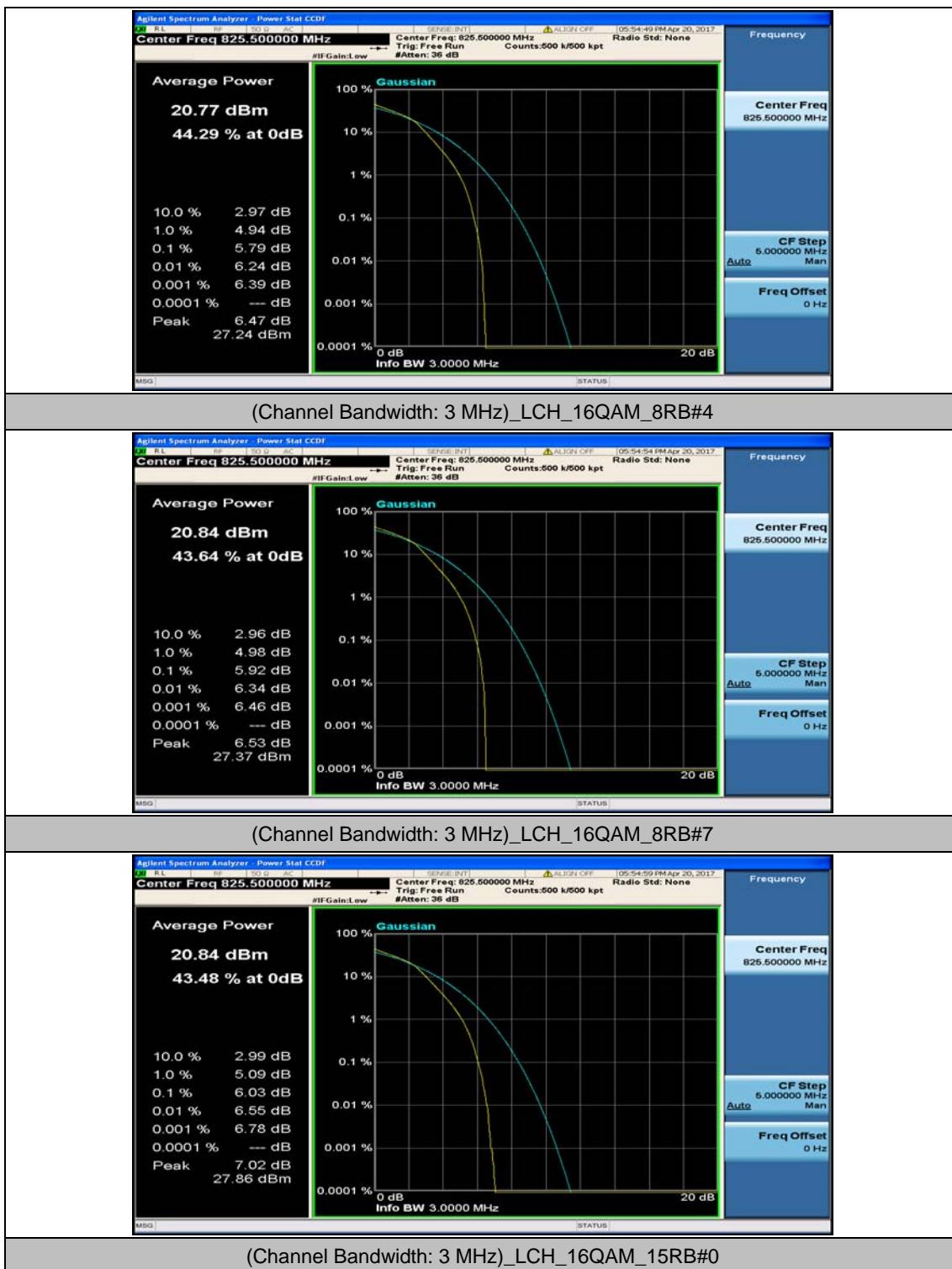


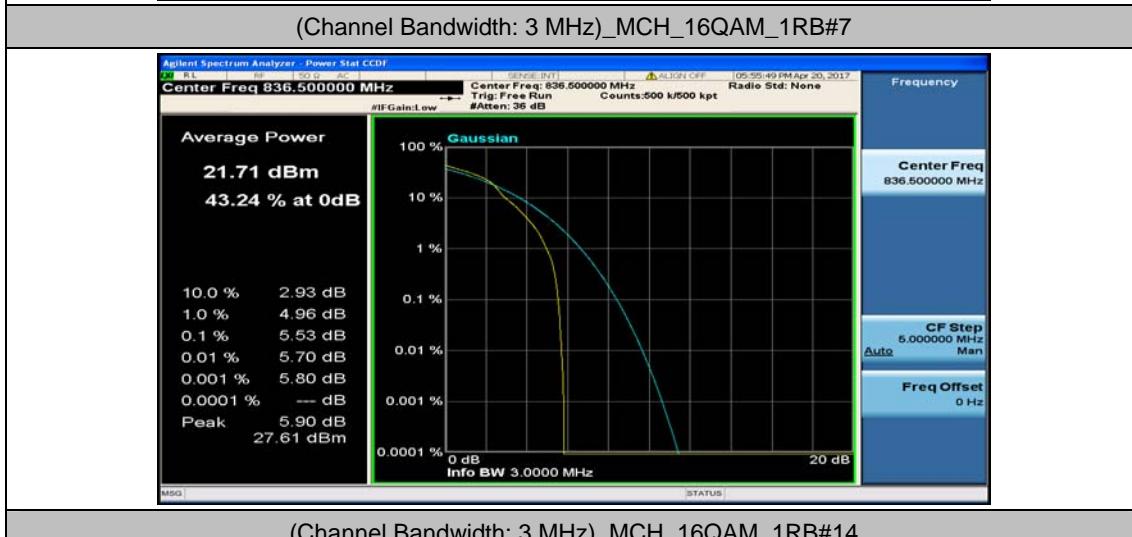
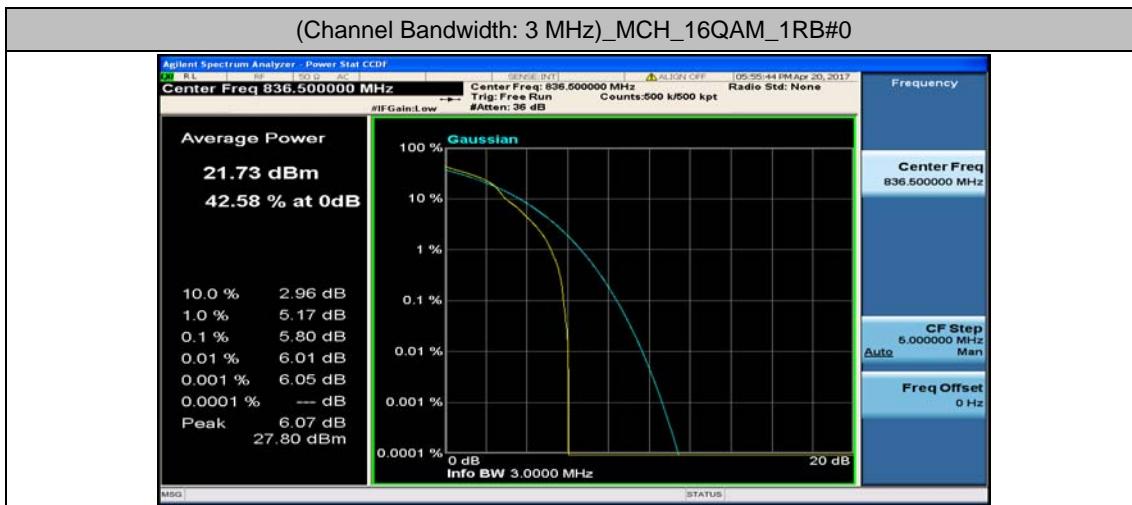
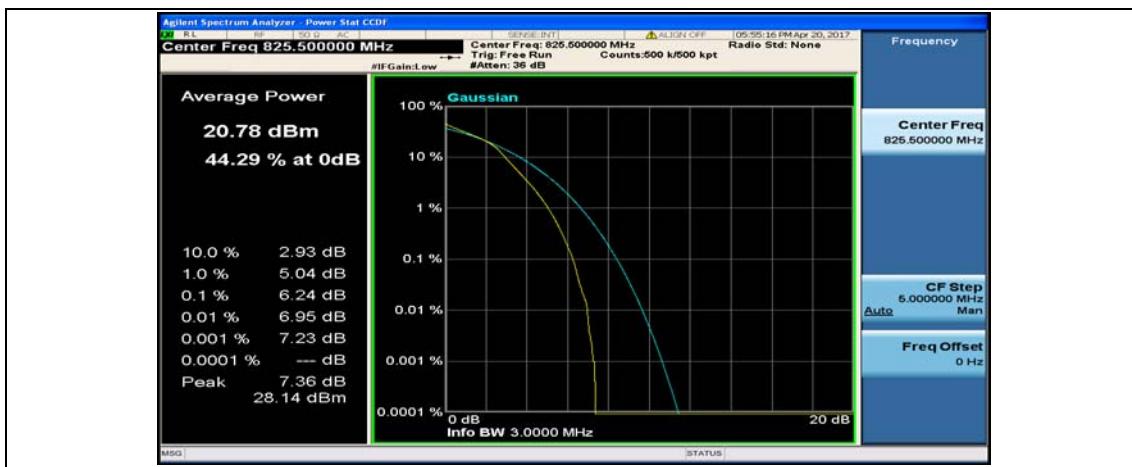




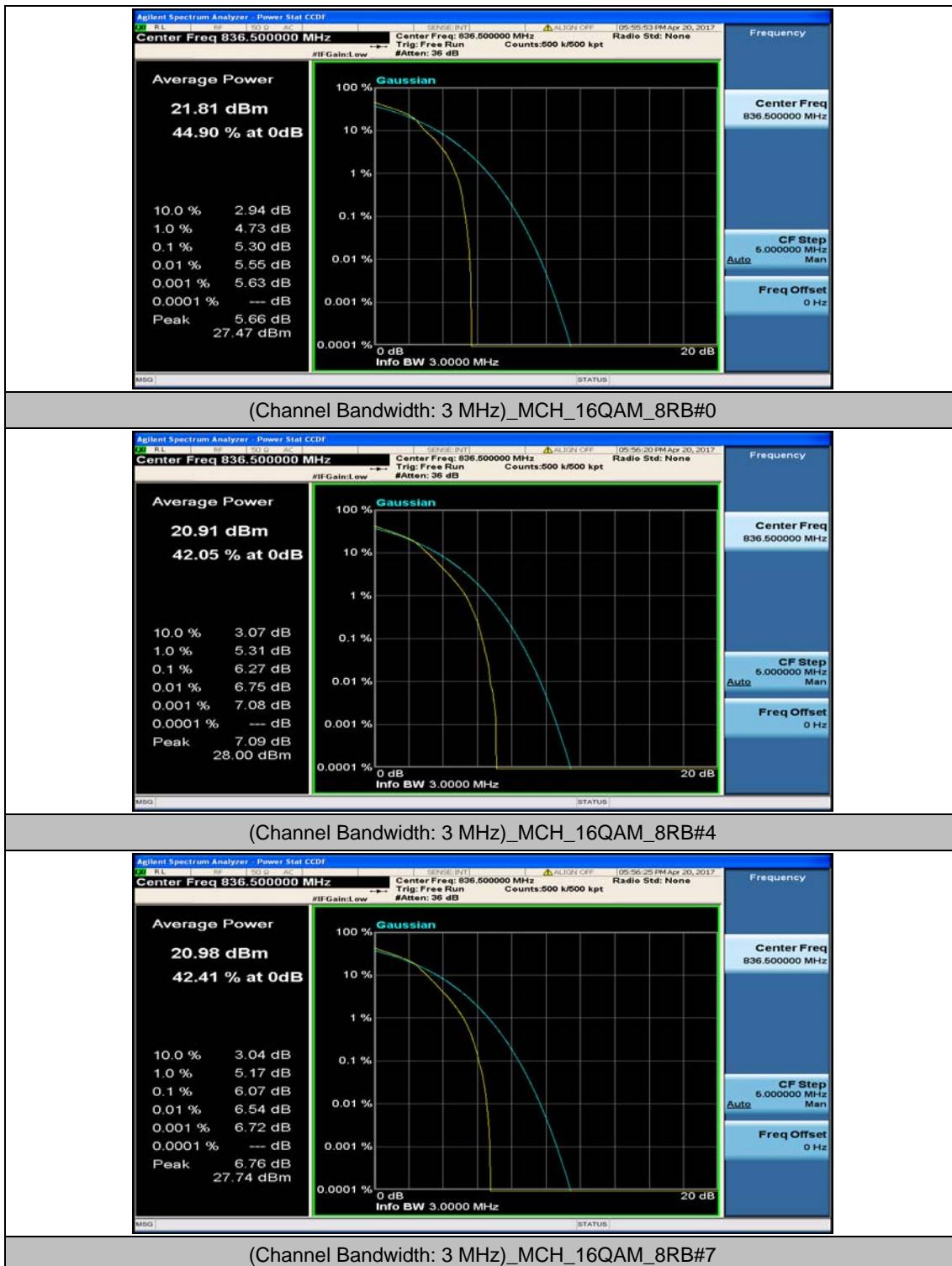


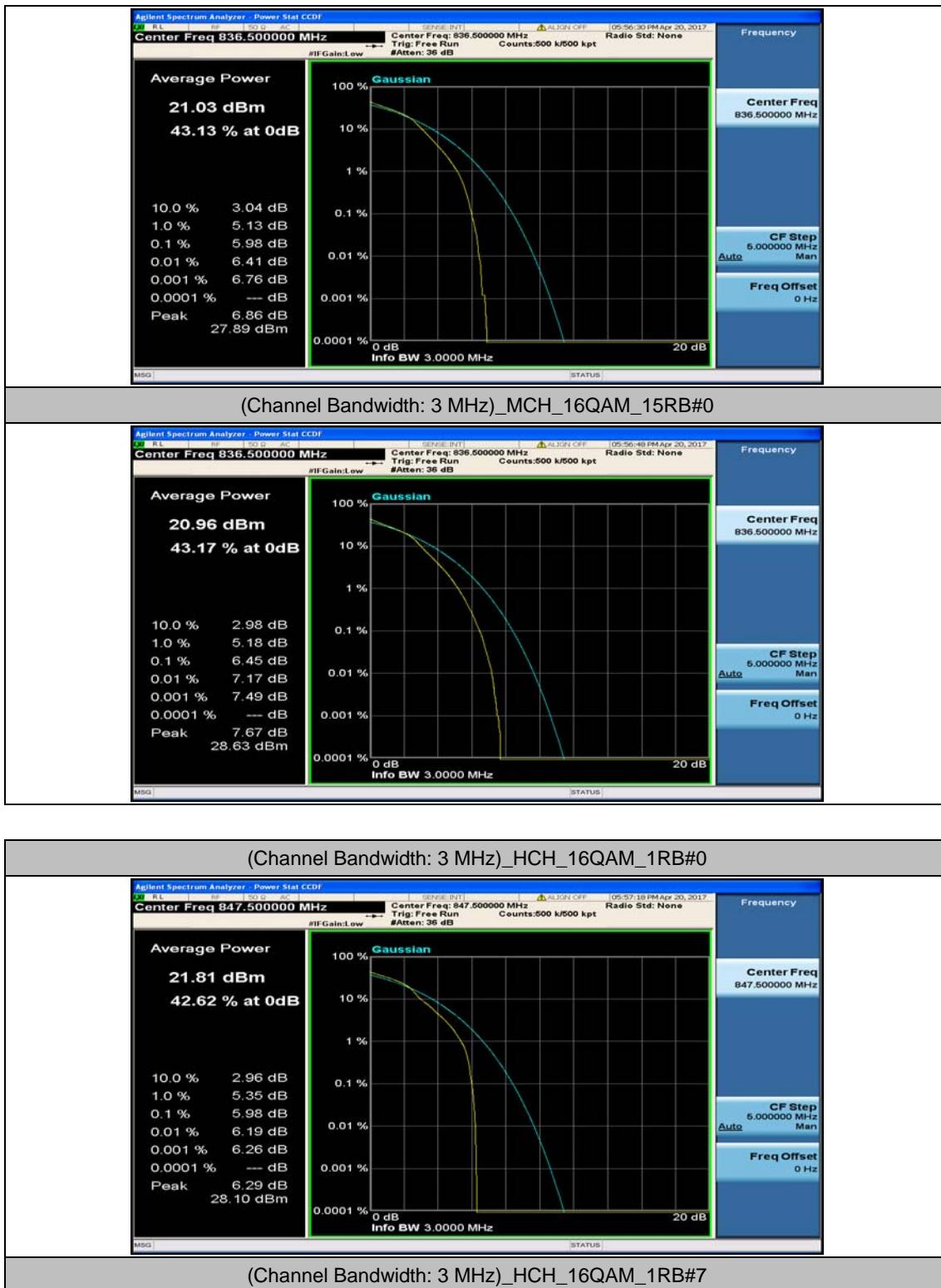


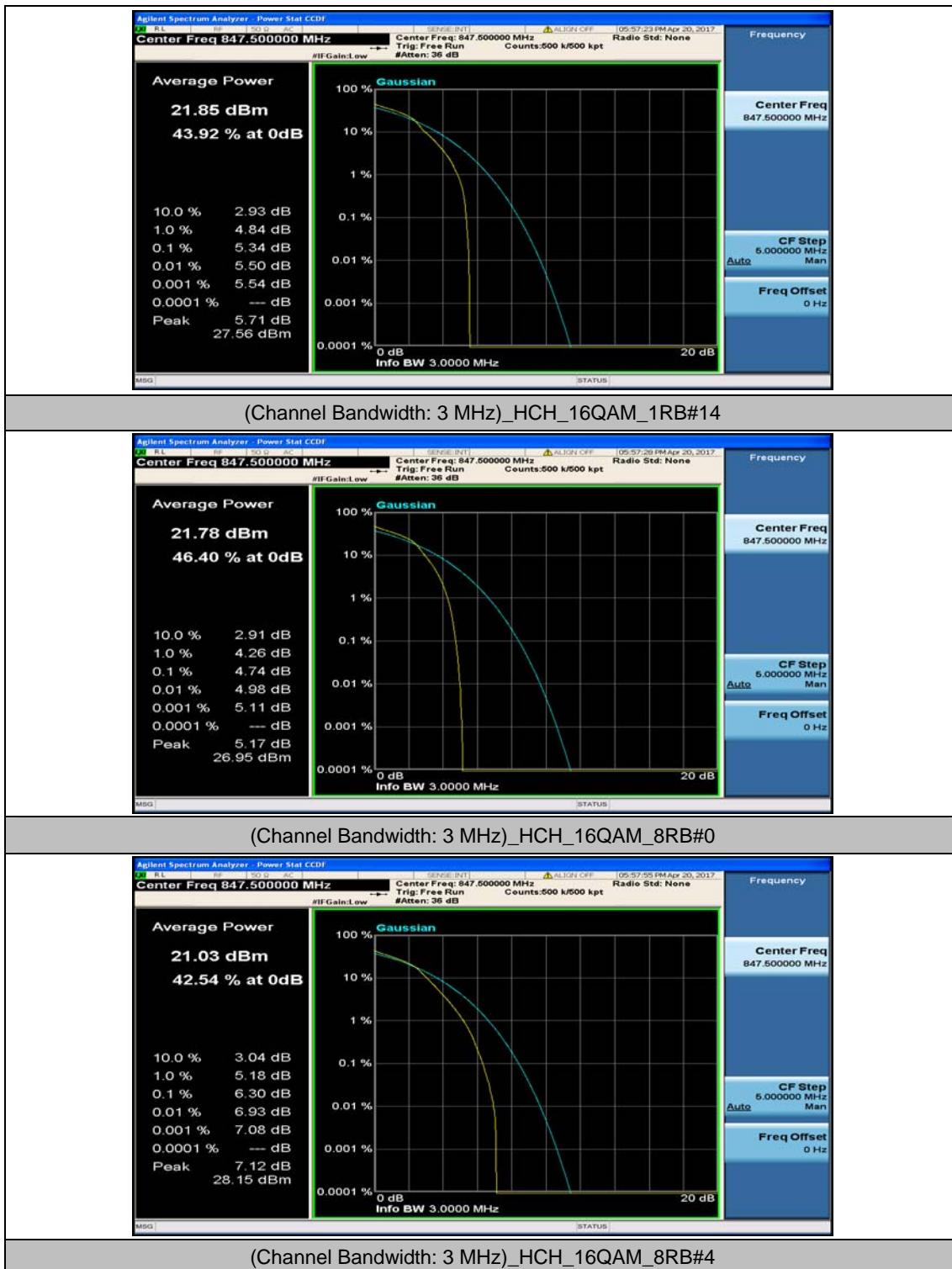


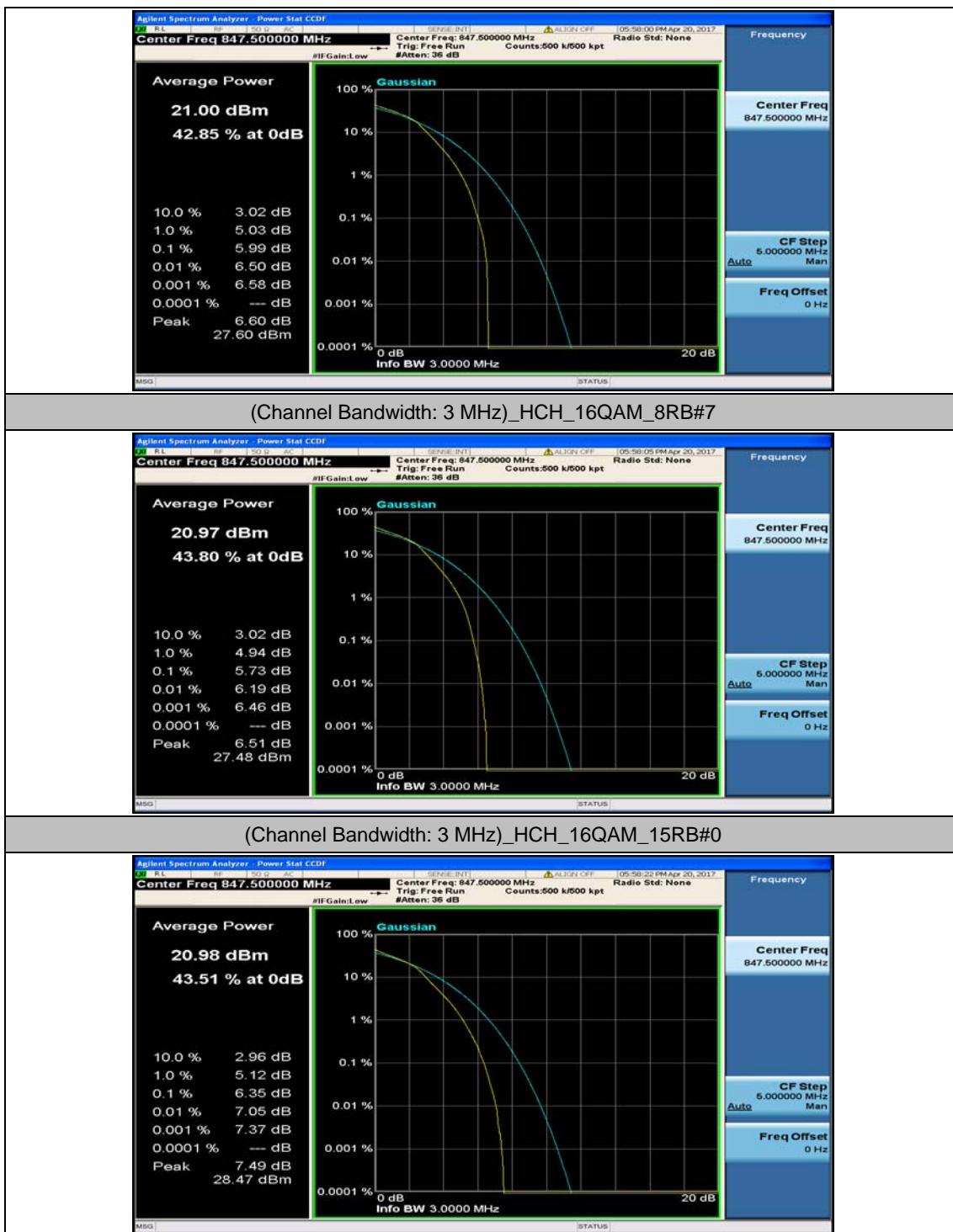


**(Channel Bandwidth: 3 MHz)\_MCH\_16QAM\_1RB#14**



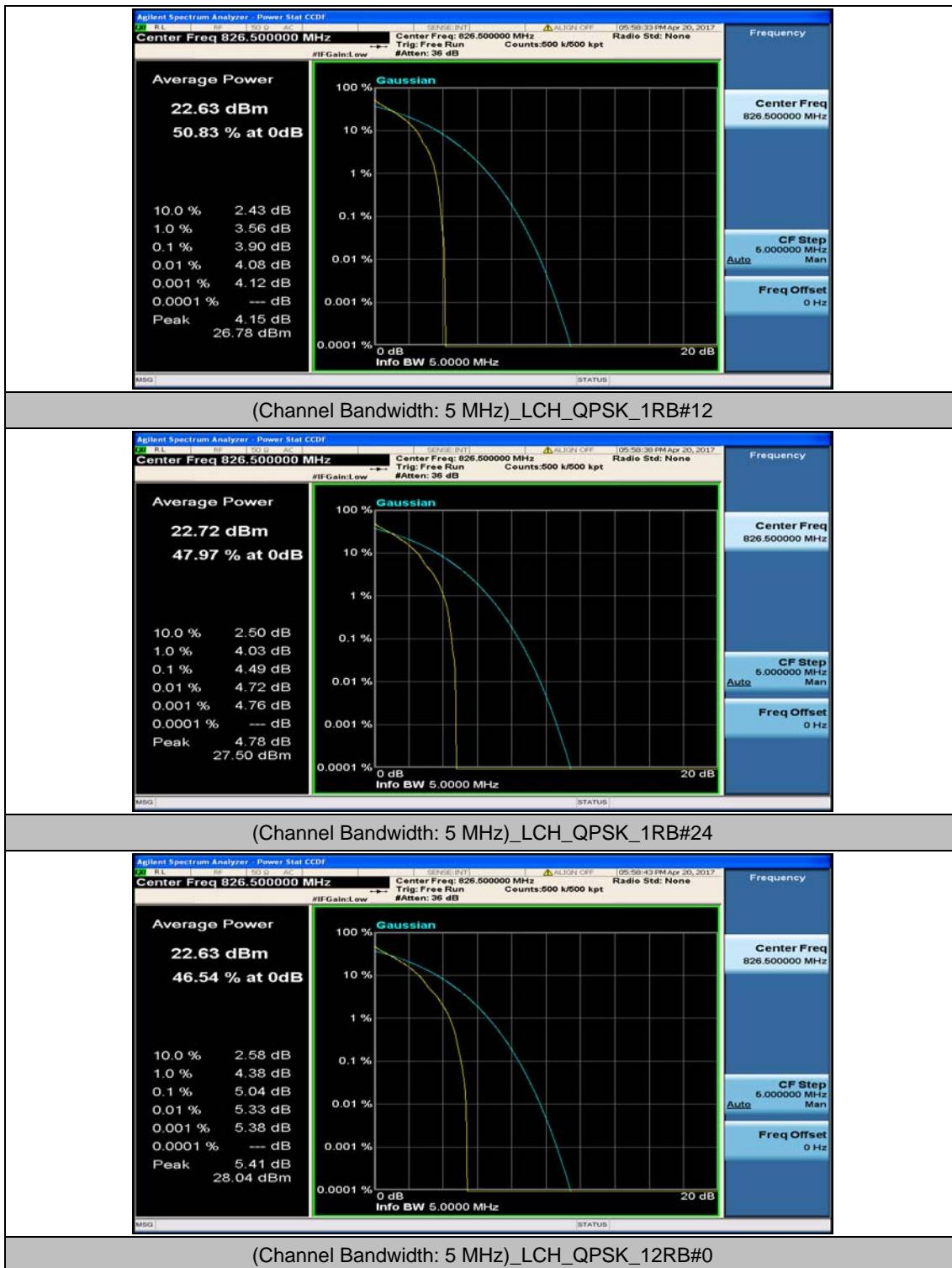


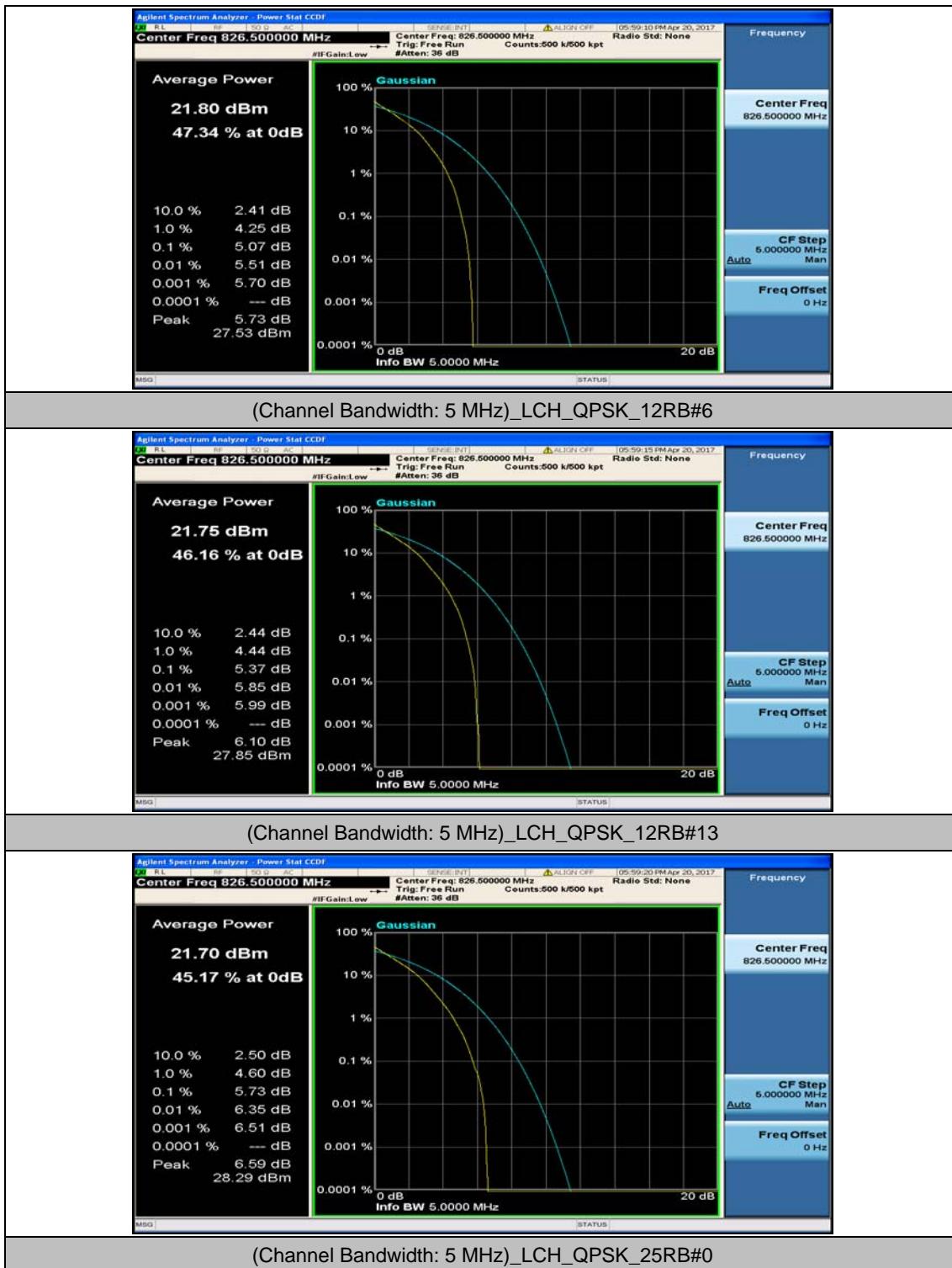


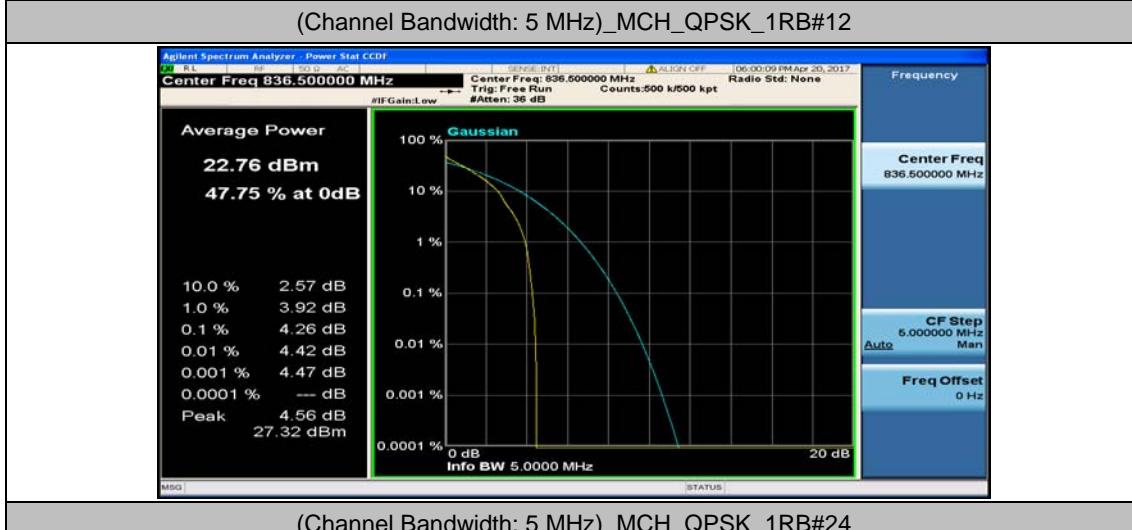
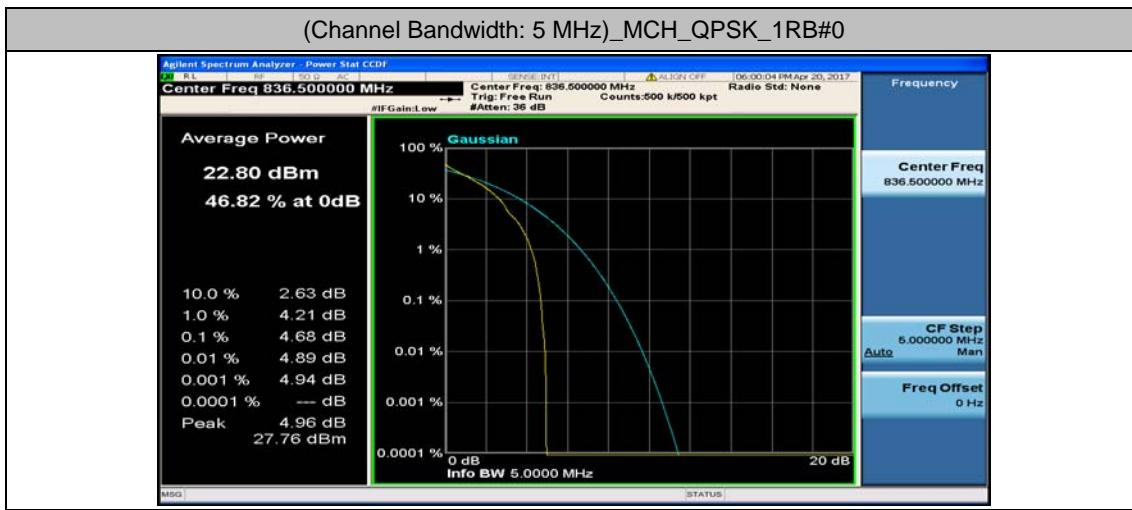
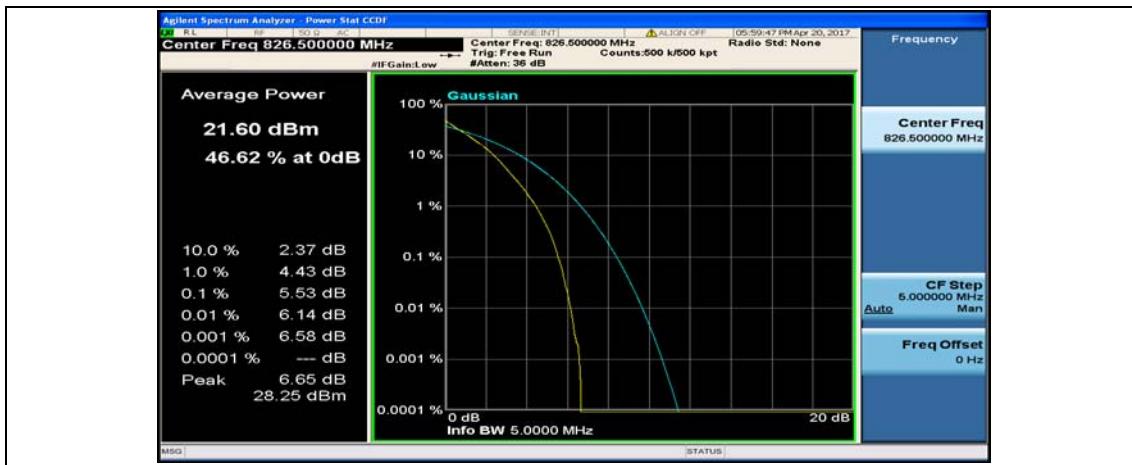


## Channel Bandwidth: 5 MHz

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







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

