

## Appendix for Band 2

### 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	22.46	PASS
		1	3	22.43	PASS
		1	5	22.43	PASS
		3	0	21.47	PASS
		3	2	21.29	PASS
		3	3	21.21	PASS
		6	0	21.11	PASS
	MCH	1	0	22.24	PASS
		1	3	21.82	PASS
		1	5	21.95	PASS
		3	0	21.62	PASS
		3	2	21.86	PASS
		3	3	21.75	PASS
		6	0	20.85	PASS
	HCH	1	0	21.71	PASS
		1	3	21.38	PASS
		1	5	21.35	PASS
		3	0	21.36	PASS
		3	2	21.18	PASS
		3	3	21.18	PASS
		6	0	20.63	PASS
16QAM	LCH	1	0	21.83	PASS
		1	3	21.84	PASS
		1	5	21.73	PASS
		3	0	21.48	PASS
		3	2	21.30	PASS
		3	3	21.25	PASS
		6	0	20.40	PASS
	MCH	1	0	21.44	PASS
		1	3	21.26	PASS
		1	5	21.25	PASS
		3	0	21.09	PASS
		3	2	20.93	PASS

		3	3	20.82	PASS
		6	0	20.42	PASS
HCH	HCH	1	0	21.00	PASS
		1	3	20.66	PASS
		1	5	20.79	PASS
		3	0	20.63	PASS
		3	2	20.71	PASS
		3	3	20.56	PASS
		6	0	20.48	PASS

### Channel Bandwidth: 3 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	21.82	PASS
		1	7	21.58	PASS
		1	14	21.53	PASS
		8	0	20.72	PASS
		8	4	20.63	PASS
		8	7	20.58	PASS
		15	0	21.02	PASS
	MCH	1	0	22.04	PASS
		1	7	21.57	PASS
		1	14	21.43	PASS
		8	0	21.67	PASS
		8	4	21.49	PASS
		8	7	21.40	PASS
		15	0	20.85	PASS
	HCH	1	0	21.96	PASS
		1	7	21.47	PASS
		1	14	21.25	PASS
		8	0	20.91	PASS
		8	4	20.80	PASS
		8	7	20.86	PASS
		15	0	20.79	PASS
16QAM	LCH	1	0	21.13	PASS
		1	7	20.91	PASS
		1	14	20.87	PASS
		8	0	20.59	PASS
		8	4	20.52	PASS
		8	7	20.55	PASS
		15	0	20.49	PASS
	MCH	1	0	22.05	PASS

		1	7	21.90	PASS
		1	14	21.70	PASS
		8	0	20.91	PASS
		8	4	20.78	PASS
		8	7	20.69	PASS
		15	0	20.65	PASS
	HCH	1	0	21.29	PASS
		1	7	20.85	PASS
		1	14	20.67	PASS
		8	0	20.81	PASS
		8	4	20.58	PASS
		8	7	20.51	PASS
		15	0	20.57	PASS

### Channel Bandwidth: 5 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	21.62	PASS
		1	12	21.18	PASS
		1	24	21.18	PASS
		12	0	21.04	PASS
		12	6	20.82	PASS
		12	13	20.86	PASS
		25	0	20.91	PASS
	MCH	1	0	22.24	PASS
		1	12	21.63	PASS
		1	24	21.76	PASS
		12	0	20.95	PASS
		12	6	20.61	PASS
		12	13	20.55	PASS
		25	0	20.72	PASS
	HCH	1	0	22.05	PASS
		1	12	21.99	PASS
		1	24	21.96	PASS
		12	0	21.34	PASS
		12	6	20.95	PASS
		12	13	20.78	PASS
		25	0	20.53	PASS
16QAM	LCH	1	0	21.84	PASS
		1	12	21.41	PASS
		1	24	21.64	PASS
		12	0	20.98	PASS

		12	6	20.78	PASS
		12	13	20.82	PASS
		25	0	20.74	PASS
MCH		1	0	21.38	PASS
		1	12	21.15	PASS
		1	24	21.23	PASS
		12	0	20.84	PASS
		12	6	20.55	PASS
		12	13	20.51	PASS
		25	0	20.69	PASS
		1	0	21.06	PASS
HCH		1	12	20.84	PASS
		1	24	20.74	PASS
		12	0	21.07	PASS
		12	6	20.72	PASS
		12	13	20.75	PASS
		25	0	20.76	PASS

### Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	21.96	PASS
		1	24	21.74	PASS
		1	49	21.63	PASS
		25	0	20.75	PASS
		25	12	20.67	PASS
		25	25	20.64	PASS
		50	0	20.71	PASS
	MCH	1	0	22.09	PASS
		1	24	21.57	PASS
		1	49	21.66	PASS
		25	0	20.91	PASS
		25	12	20.54	PASS
		25	25	20.63	PASS
		50	0	20.58	PASS
	HCH	1	0	21.97	PASS
		1	24	21.51	PASS
		1	49	21.27	PASS
		25	0	20.80	PASS
		25	12	20.41	PASS
		25	25	20.87	PASS
		50	0	20.34	PASS

16QAM	LCH	1	0	21.25	PASS
		1	24	21.12	PASS
		1	49	20.97	PASS
		25	0	21.05	PASS
		25	12	20.95	PASS
		25	25	20.94	PASS
		50	0	20.99	PASS
	MCH	1	0	21.41	PASS
		1	24	20.97	PASS
		1	49	20.64	PASS
		25	0	21.18	PASS
		25	12	20.83	PASS
		25	25	20.47	PASS
		50	0	20.79	PASS
	HCH	1	0	21.37	PASS
		1	24	20.96	PASS
		1	49	20.76	PASS
		25	0	21.02	PASS
		25	12	20.66	PASS
		25	25	20.55	PASS
		50	0	20.58	PASS

### Channel Bandwidth: 15 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.07	PASS
		1	37	21.71	PASS
		1	74	22.27	PASS
		37	0	20.66	PASS
		37	18	20.60	PASS
		37	38	20.84	PASS
		75	0	20.75	PASS
	MCH	1	0	22.33	PASS
		1	37	21.40	PASS
		1	74	21.49	PASS
		37	0	20.97	PASS
		37	18	20.46	PASS
		37	38	20.89	PASS
		75	0	20.47	PASS
	HCH	1	0	21.52	PASS
		1	37	21.66	PASS
		1	74	21.33	PASS

		37	0	20.75	PASS
		37	18	20.63	PASS
		37	38	20.57	PASS
		75	0	20.42	PASS
16QAM	LCH	1	0	21.35	PASS
		1	37	21.09	PASS
		1	74	21.57	PASS
		37	0	20.89	PASS
		37	18	20.85	PASS
		37	38	21.12	PASS
		75	0	20.99	PASS
	MCH	1	0	21.61	PASS
		1	37	20.79	PASS
		1	74	20.84	PASS
		37	0	20.23	PASS
		37	18	20.73	PASS
		37	38	20.17	PASS
		75	0	20.71	PASS
	HCH	1	0	20.86	PASS
		1	37	21.00	PASS
		1	74	20.73	PASS
		37	0	20.96	PASS
		37	18	20.87	PASS
		37	38	20.33	PASS
		75	0	20.60	PASS

### Channel Bandwidth: 20 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.13	PASS
		1	49	21.92	PASS
		1	99	21.60	PASS
		50	0	20.59	PASS
		50	25	20.73	PASS
		50	50	21.11	PASS
		100	0	20.90	PASS
	MCH	1	0	22.56	PASS
		1	49	21.45	PASS
		1	99	21.40	PASS
		50	0	21.90	PASS
		50	25	21.31	PASS
		50	50	20.64	PASS

		100	0	21.33	PASS
HCH	LCH	1	0	21.81	PASS
		1	49	21.82	PASS
		1	99	21.22	PASS
		50	0	21.24	PASS
		50	25	21.55	PASS
		50	50	21.12	PASS
		100	0	21.21	PASS
16QAM	MCH	1	0	21.24	PASS
		1	49	21.13	PASS
		1	99	21.79	PASS
		50	0	20.85	PASS
		50	25	20.99	PASS
		50	50	20.40	PASS
		100	0	20.42	PASS
	HCH	1	0	21.41	PASS
		1	49	20.70	PASS
		1	99	20.59	PASS
		50	0	20.94	PASS
		50	25	20.55	PASS
		50	50	20.94	PASS
		100	0	20.58	PASS
		1	0	21.16	PASS
	LCH	1	49	21.19	PASS
		1	99	20.66	PASS
		50	0	20.46	PASS
		50	25	20.80	PASS
		50	50	20.41	PASS
		100	0	20.40	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	5.74	<13	PASS
		1	3	5.93	<13	PASS
		1	5	5.59	<13	PASS
		3	0	5.85	<13	PASS
		3	2	5.84	<13	PASS
		3	3	5.99	<13	PASS
		6	0	6.1	<13	PASS
	MCH	1	0	5.05	<13	PASS
		1	3	5.2	<13	PASS
		1	5	5.12	<13	PASS
		3	0	5.53	<13	PASS
		3	2	5.6	<13	PASS
		3	3	5.58	<13	PASS
		6	0	6.01	<13	PASS
16QAM	LCH	1	0	5.22	<13	PASS
		1	3	5.34	<13	PASS
		1	5	5.36	<13	PASS
		3	0	5.57	<13	PASS
		3	2	5.62	<13	PASS
		3	3	5.63	<13	PASS
		6	0	5.81	<13	PASS
	MCH	1	0	6.65	<13	PASS
		1	3	6.64	<13	PASS
		1	5	6.67	<13	PASS
		3	0	6.9	<13	PASS
		3	2	6.96	<13	PASS
		3	3	6.89	<13	PASS
		6	0	6.9	<13	PASS

		3	3	6.59	<13	PASS
		6	0	6.5	<13	PASS
HCH	1	0	6.26	<13	PASS	
	1	3	6.2	<13	PASS	
	1	5	6.4	<13	PASS	
	3	0	6.19	<13	PASS	
	3	2	6.46	<13	PASS	
	3	3	6.38	<13	PASS	
	6	0	6.51	<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	5.72	<13	PASS
		1	7	5.78	<13	PASS
		1	14	5.85	<13	PASS
		8	0	6.15	<13	PASS
		8	4	6.18	<13	PASS
		8	7	6.21	<13	PASS
		15	0	6.16	<13	PASS
	MCH	1	0	5.18	<13	PASS
		1	7	5.47	<13	PASS
		1	14	5.57	<13	PASS
		8	0	5.81	<13	PASS
		8	4	5.98	<13	PASS
		8	7	6.07	<13	PASS
		15	0	5.98	<13	PASS
	HCH	1	0	4.89	<13	PASS
		1	7	5.25	<13	PASS
		1	14	5.11	<13	PASS
		8	0	5.86	<13	PASS
		8	4	5.9	<13	PASS
		8	7	6	<13	PASS
		15	0	6	<13	PASS
16QAM	LCH	1	0	6.34	<13	PASS
		1	7	6.58	<13	PASS
		1	14	6.93	<13	PASS
		8	0	6.59	<13	PASS
		8	4	6.74	<13	PASS
		8	7	6.68	<13	PASS

		15	0	6.96	<13	PASS
MCH	1	0		6.06	<13	PASS
	1	7		6.3	<13	PASS
	1	14		6.62	<13	PASS
	8	0		6.32	<13	PASS
	8	4		6.43	<13	PASS
	8	7		6.4	<13	PASS
	15	0		6.61	<13	PASS
HCH	1	0		5.86	<13	PASS
	1	7		6.09	<13	PASS
	1	14		6.04	<13	PASS
	8	0		6.3	<13	PASS
	8	4		6.38	<13	PASS
	8	7		6.47	<13	PASS
	15	0		6.55	<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	5.51	<13	PASS
		1	12	5.56	<13	PASS
		1	24	5.44	<13	PASS
		12	0	6.18	<13	PASS
		12	6	6.22	<13	PASS
		12	13	6.22	<13	PASS
		25	0	6.27	<13	PASS
QPSK	MCH	1	0	5.02	<13	PASS
		1	12	5.16	<13	PASS
		1	24	5.49	<13	PASS
		12	0	6.01	<13	PASS
		12	6	5.94	<13	PASS
		12	13	6.06	<13	PASS
		25	0	6.05	<13	PASS
QPSK	HCH	1	0	5.04	<13	PASS
		1	12	5.45	<13	PASS
		1	24	5.49	<13	PASS
		12	0	5.84	<13	PASS
		12	6	5.99	<13	PASS
		12	13	6.01	<13	PASS
		25	0	5.94	<13	PASS

16QAM	LCH	1	0	6.53	<13	PASS
		1	12	6.75	<13	PASS
		1	24	6.34	<13	PASS
		12	0	6.88	<13	PASS
		12	6	6.82	<13	PASS
		12	13	6.96	<13	PASS
		25	0	6.88	<13	PASS
	MCH	1	0	5.86	<13	PASS
		1	12	6.28	<13	PASS
		1	24	6.4	<13	PASS
		12	0	6.45	<13	PASS
		12	6	6.64	<13	PASS
		12	13	6.68	<13	PASS
		25	0	6.67	<13	PASS
	HCH	1	0	5.67	<13	PASS
		1	12	6.01	<13	PASS
		1	24	6.16	<13	PASS
		12	0	6.55	<13	PASS
		12	6	6.72	<13	PASS
		12	13	6.73	<13	PASS
		25	0	6.56	<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	5.9	<13	PASS
		1	24	6.11	<13	PASS
		1	49	5.91	<13	PASS
		25	0	6.2	<13	PASS
		25	12	6.24	<13	PASS
		25	25	6.17	<13	PASS
		50	0	6.12	<13	PASS
	MCH	1	0	5.1	<13	PASS
		1	24	5.49	<13	PASS
		1	49	6	<13	PASS
		25	0	5.84	<13	PASS
		25	12	5.91	<13	PASS
		25	25	6.04	<13	PASS
		50	0	5.89	<13	PASS
	HCH	1	0	4.84	<13	PASS

		1	24	5.06	<13	PASS
		1	49	5.44	<13	PASS
		25	0	5.62	<13	PASS
		25	12	5.78	<13	PASS
		25	25	5.92	<13	PASS
		50	0	5.73	<13	PASS
16QAM	LCH	1	0	6.94	<13	PASS
		1	24	6.94	<13	PASS
		1	49	6.96	<13	PASS
		25	0	6.99	<13	PASS
		25	12	6.94	<13	PASS
		25	25	6.91	<13	PASS
		50	0	6.74	<13	PASS
	MCH	1	0	6.17	<13	PASS
		1	24	6.26	<13	PASS
		1	49	7.11	<13	PASS
		25	0	6.38	<13	PASS
		25	12	6.58	<13	PASS
		25	25	6.74	<13	PASS
		50	0	6.48	<13	PASS
	HCH	1	0	5.73	<13	PASS
		1	24	5.98	<13	PASS
		1	49	6.28	<13	PASS
		25	0	6.23	<13	PASS
		25	12	6.38	<13	PASS
		25	25	6.59	<13	PASS
		50	0	6.3	<13	PASS

### Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	5.64	<13	PASS
		1	37	5.82	<13	PASS
		1	74	5.67	<13	PASS
		37	0	6.13	<13	PASS
		37	18	6.11	<13	PASS
		37	38	6.02	<13	PASS
		75	0	6.42	<13	PASS
	MCH	1	0	4.91	<13	PASS
		1	37	5.6	<13	PASS

		1	74	6.17	<13	PASS
		37	0	5.72	<13	PASS
		37	18	5.92	<13	PASS
		37	38	6.04	<13	PASS
		75	0	6.19	<13	PASS
	HCH	1	0	5.39	<13	PASS
		1	37	5.03	<13	PASS
		1	74	5.61	<13	PASS
		37	0	5.59	<13	PASS
		37	18	5.59	<13	PASS
		37	38	5.75	<13	PASS
		75	0	5.95	<13	PASS
16QAM	LCH	1	0	6.46	<13	PASS
		1	37	6.83	<13	PASS
		1	74	6.7	<13	PASS
		37	0	6.82	<13	PASS
		37	18	6.81	<13	PASS
		37	38	6.8	<13	PASS
		75	0	6.82	<13	PASS
	MCH	1	0	5.72	<13	PASS
		1	37	6.31	<13	PASS
		1	74	6.93	<13	PASS
		37	0	6.26	<13	PASS
		37	18	6.61	<13	PASS
		37	38	6.74	<13	PASS
		75	0	6.6	<13	PASS
	HCH	1	0	6.41	<13	PASS
		1	37	5.97	<13	PASS
		1	74	6.63	<13	PASS
		37	0	6.28	<13	PASS
		37	18	6.16	<13	PASS
		37	38	6.46	<13	PASS
		75	0	6.4	<13	PASS

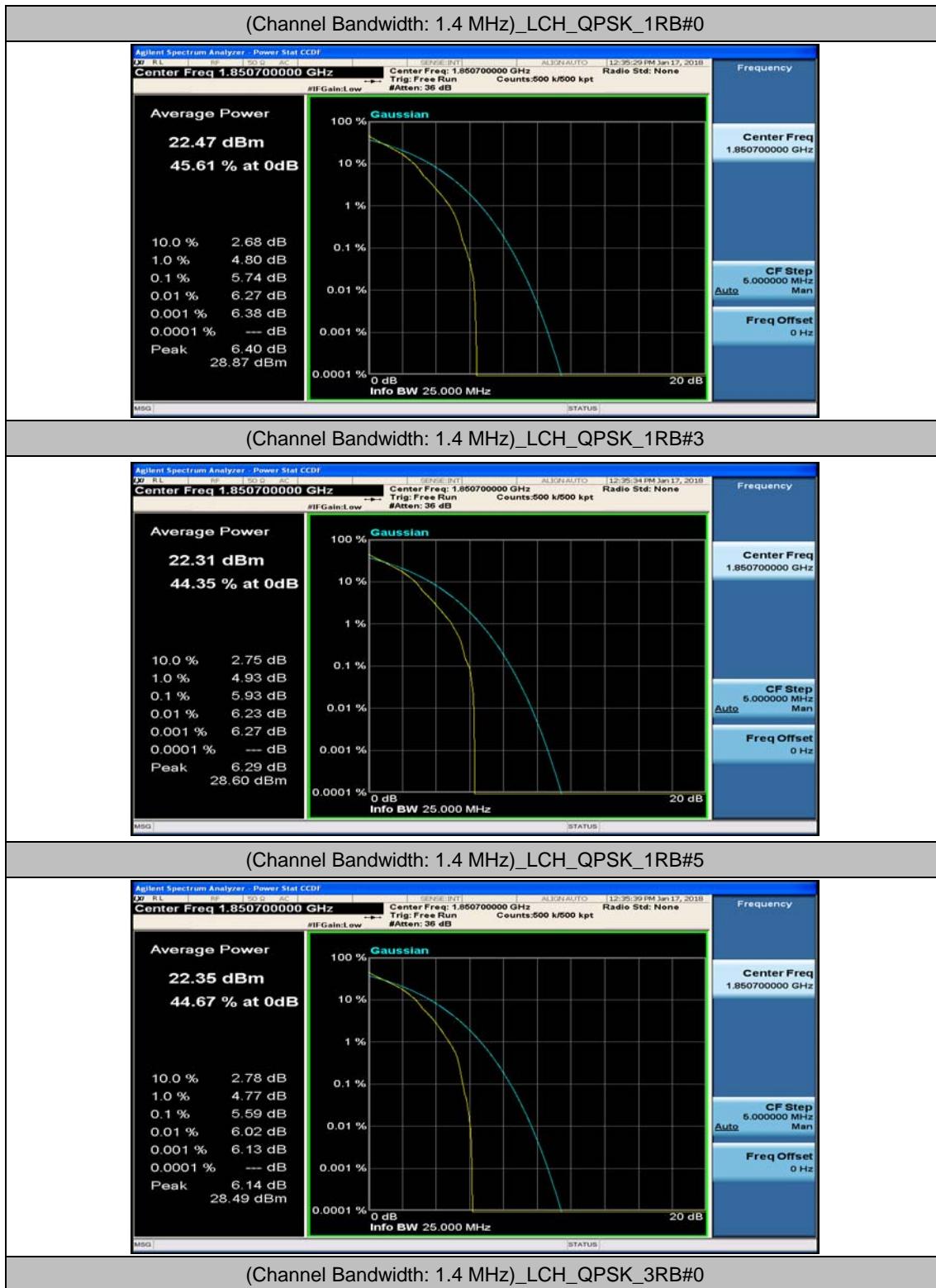
### Channel Bandwidth: 20 MHz

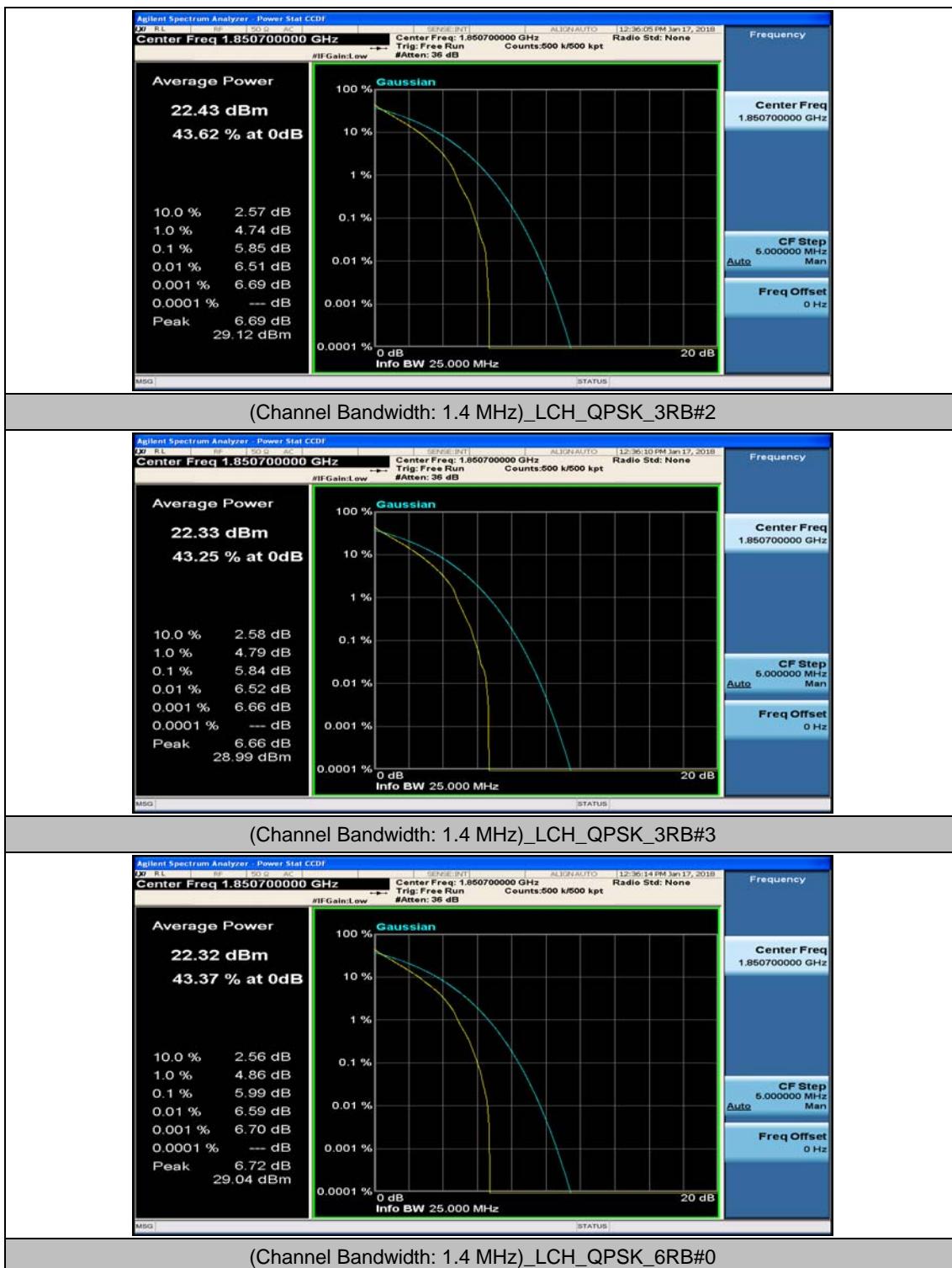
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	6.01	<13	PASS
		1	49	5.57	<13	PASS
		1	99	5.21	<13	PASS

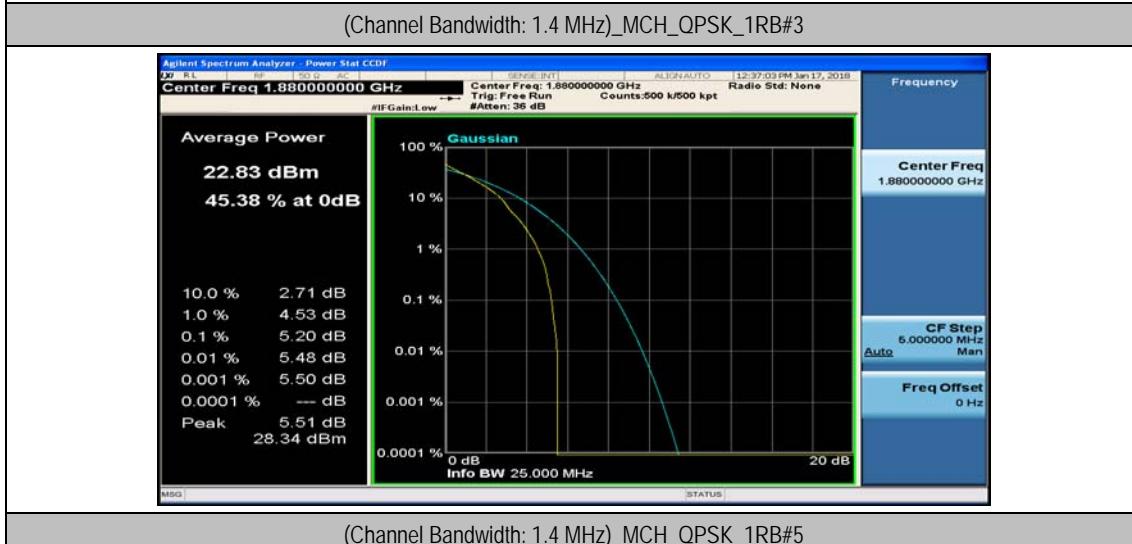
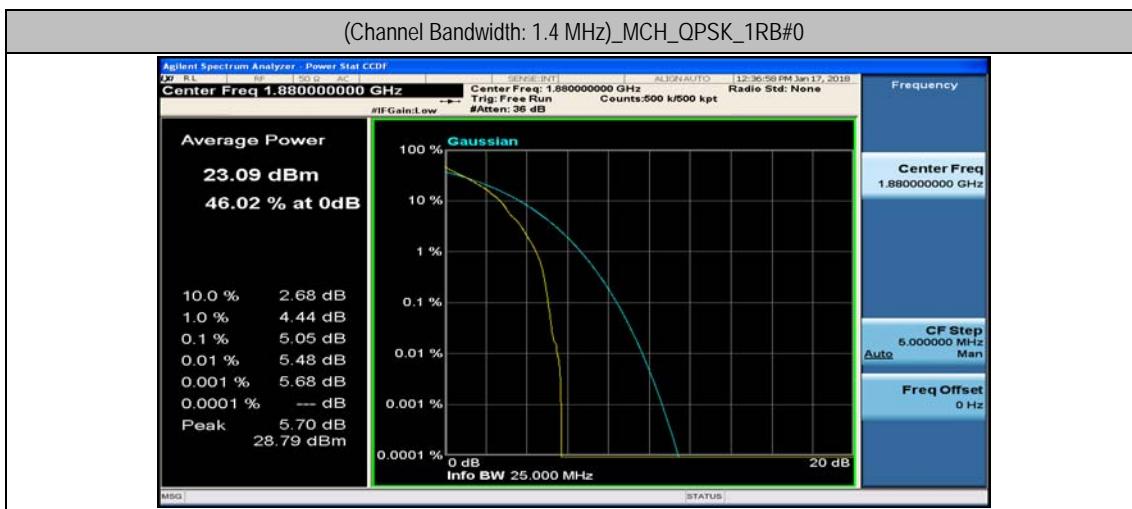
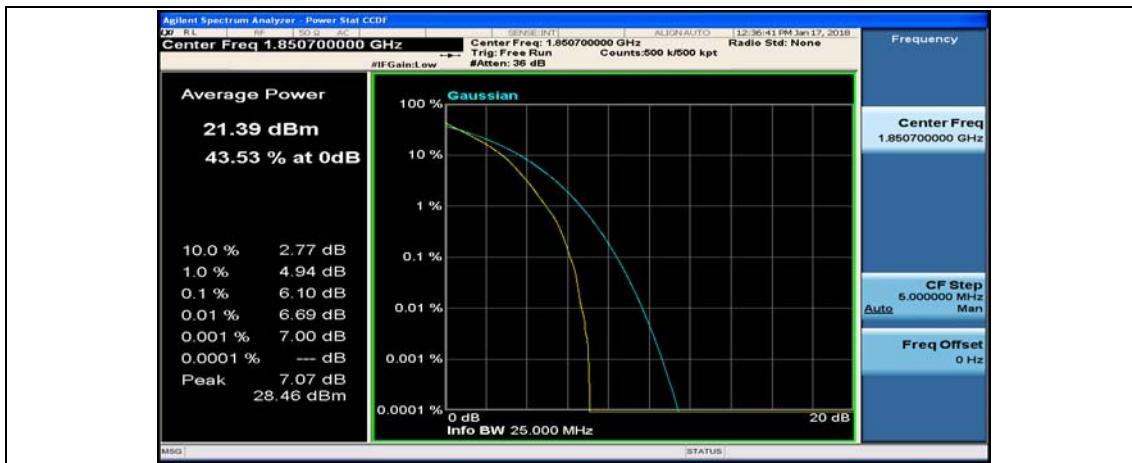
		50	0	6.09	<13	PASS
		50	25	6.14	<13	PASS
		50	50	5.91	<13	PASS
		100	0	6.02	<13	PASS
	MCH	1	0	4.78	<13	PASS
		1	49	5.6	<13	PASS
		1	99	5.82	<13	PASS
		50	0	5.66	<13	PASS
		50	25	5.9	<13	PASS
		50	50	6.06	<13	PASS
		100	0	5.83	<13	PASS
	HCH	1	0	5.79	<13	PASS
		1	49	5.11	<13	PASS
		1	99	5.89	<13	PASS
		50	0	5.93	<13	PASS
		50	25	5.71	<13	PASS
		50	50	5.74	<13	PASS
		100	0	5.75	<13	PASS
16QAM	LCH	1	0	6.87	<13	PASS
		1	49	6.76	<13	PASS
		1	99	6.39	<13	PASS
		50	0	6.8	<13	PASS
		50	25	6.79	<13	PASS
		50	50	6.54	<13	PASS
		100	0	6.66	<13	PASS
	MCH	1	0	6	<13	PASS
		1	49	6.24	<13	PASS
		1	99	6.97	<13	PASS
		50	0	6.26	<13	PASS
		50	25	6.55	<13	PASS
		50	50	6.77	<13	PASS
		100	0	6.52	<13	PASS
	HCH	1	0	6.63	<13	PASS
		1	49	5.73	<13	PASS
		1	99	6.52	<13	PASS
		50	0	6.54	<13	PASS
		50	25	6.21	<13	PASS
		50	50	6.31	<13	PASS
		100	0	6.45	<13	PASS

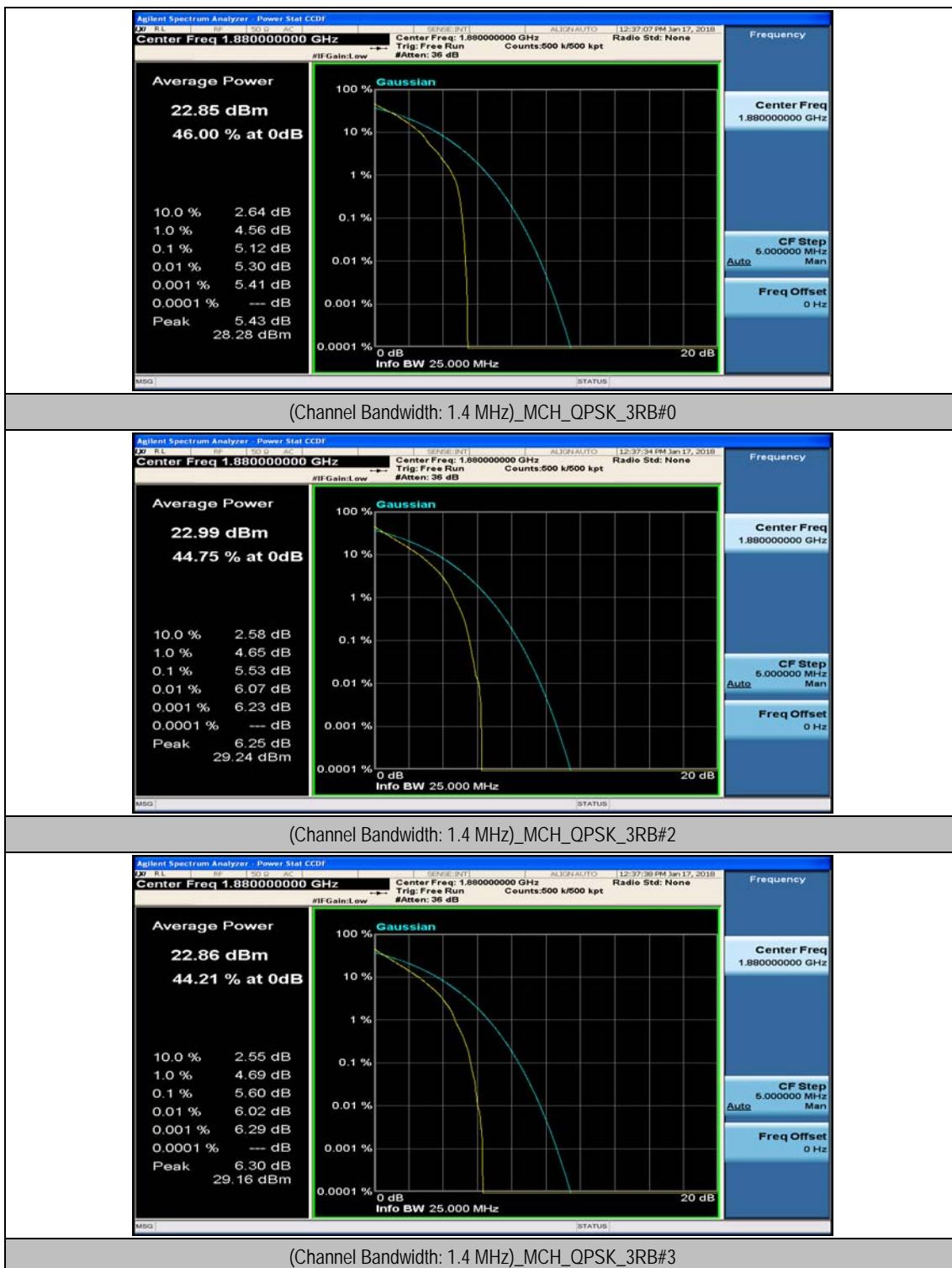
## Test Graphs

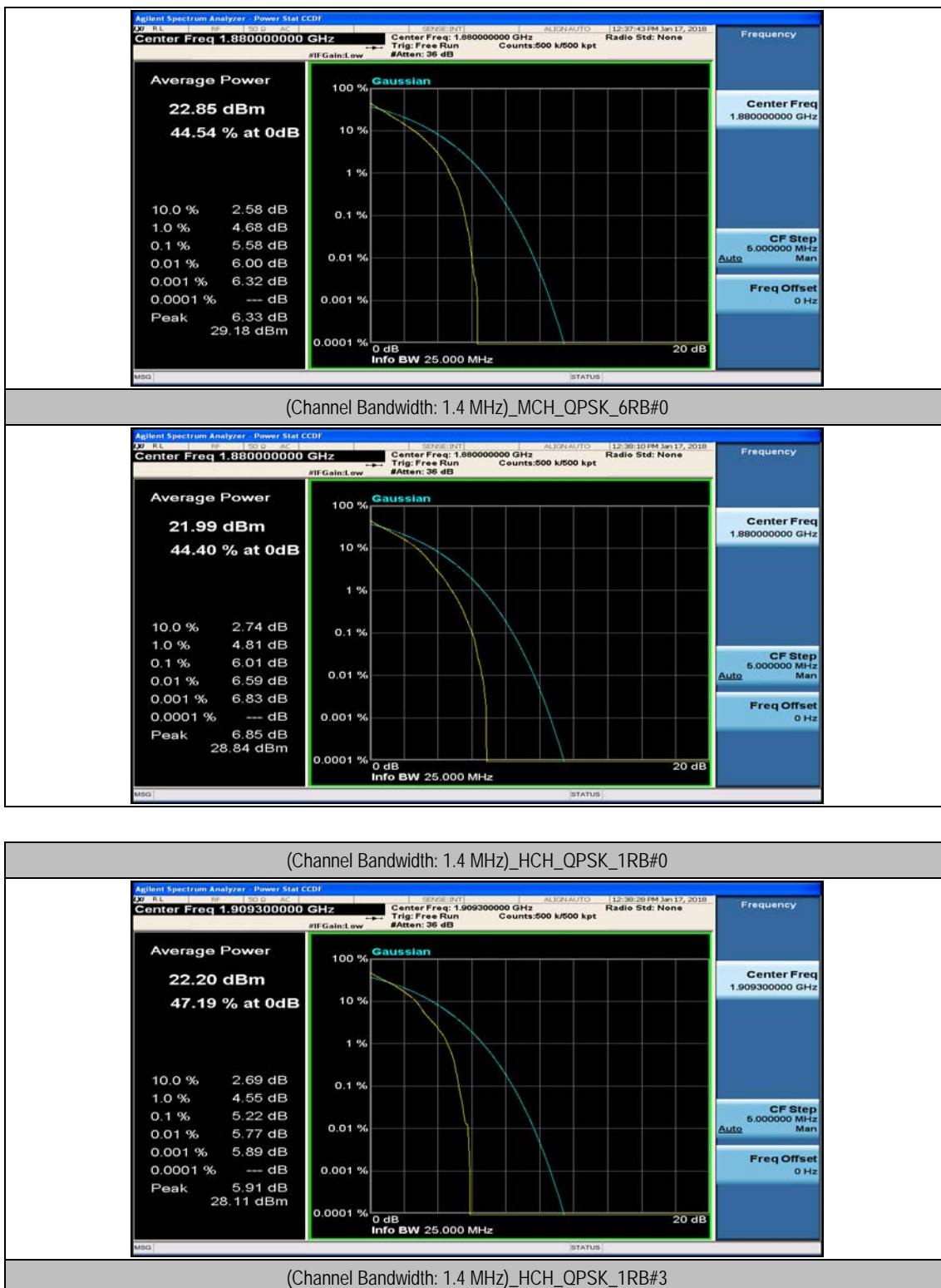
### Channel Bandwidth: 1.4 MHz

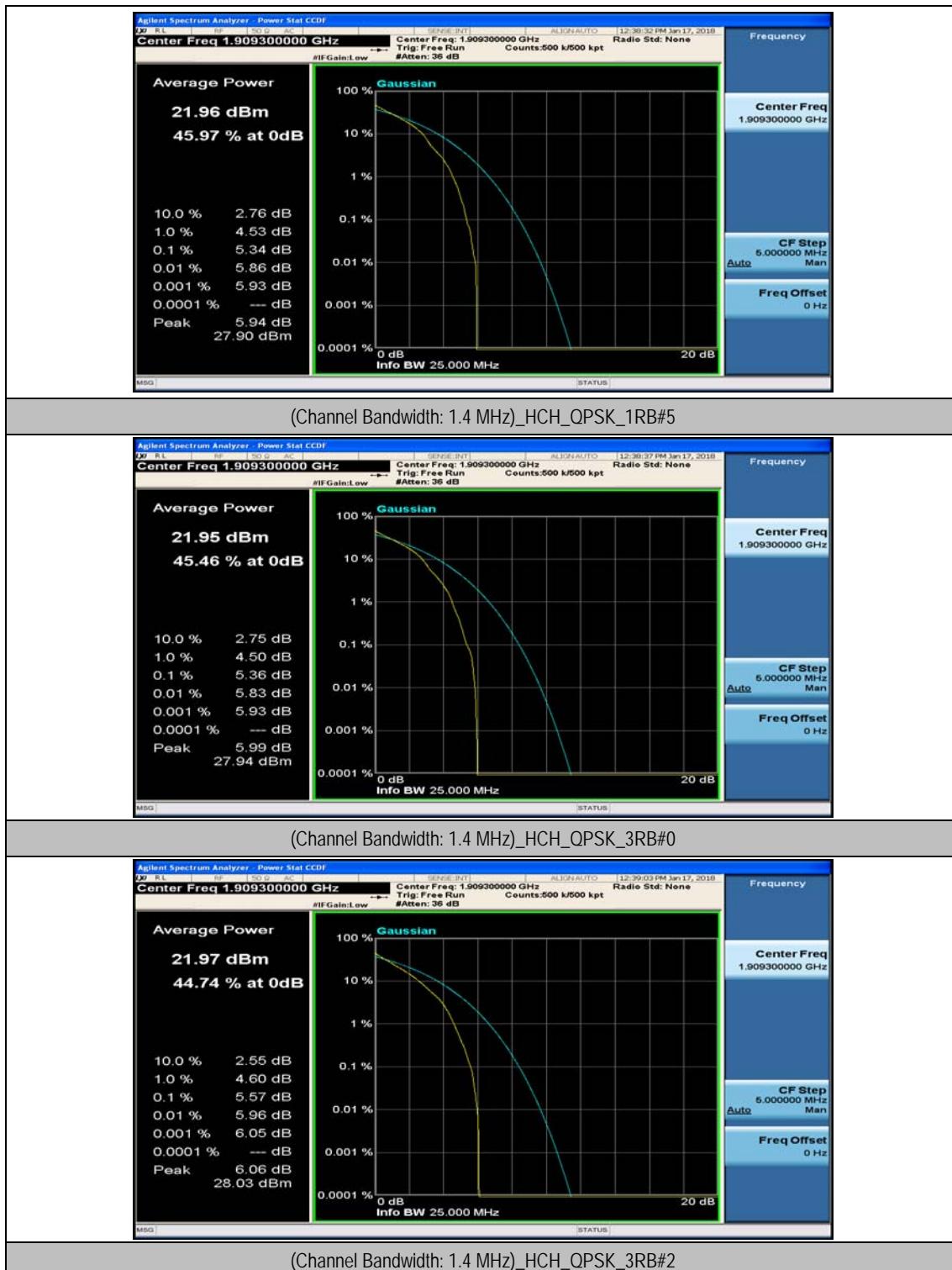


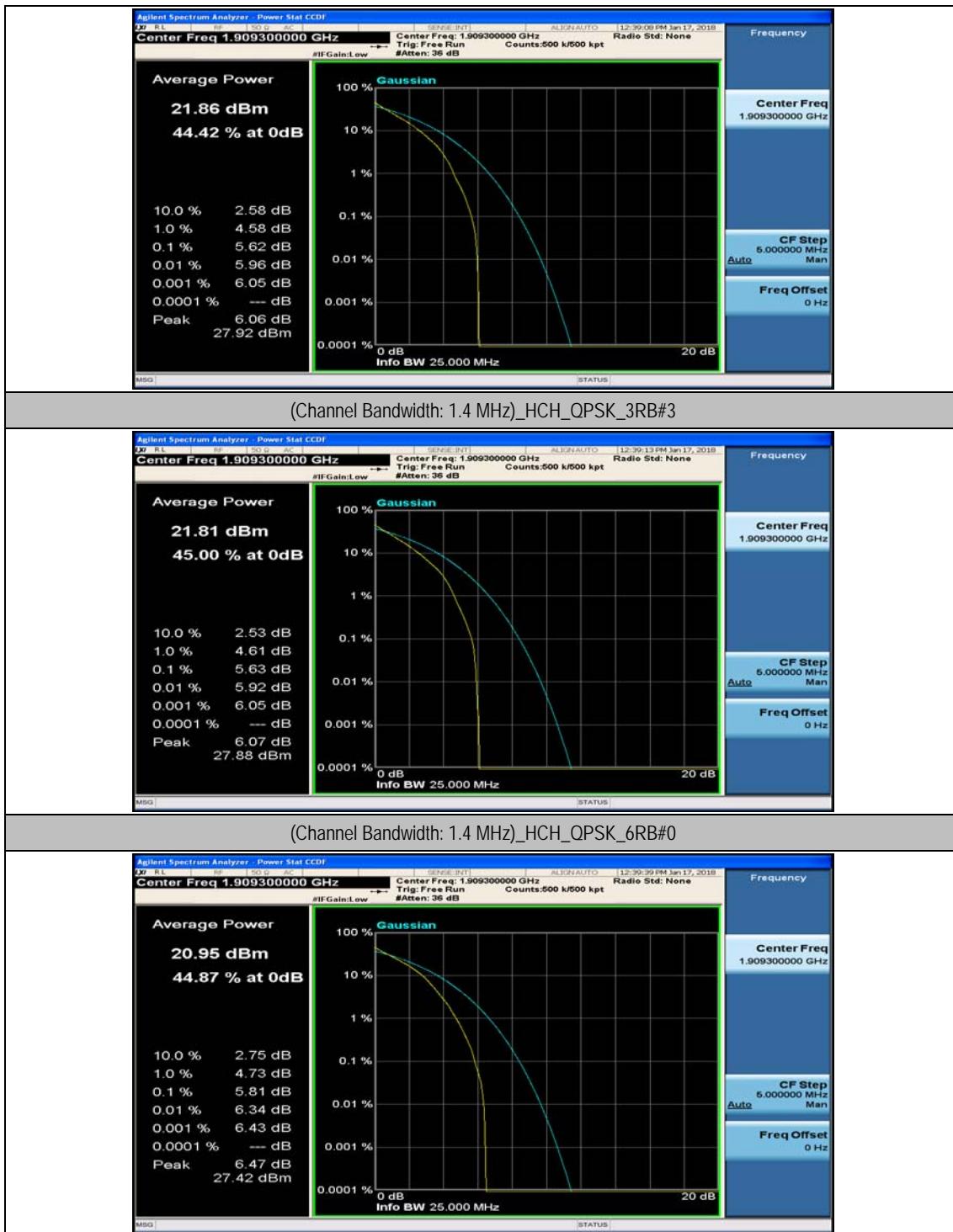


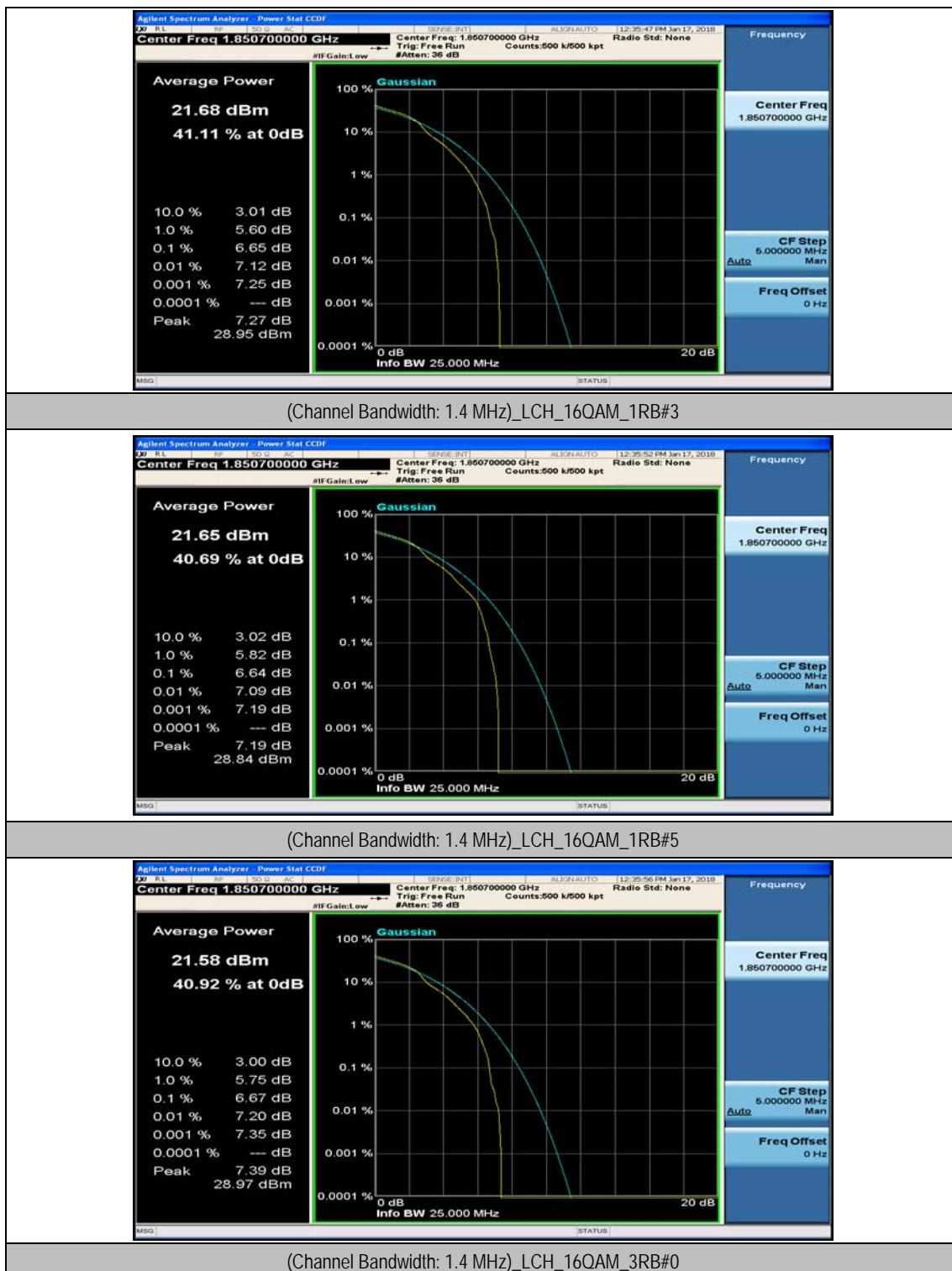


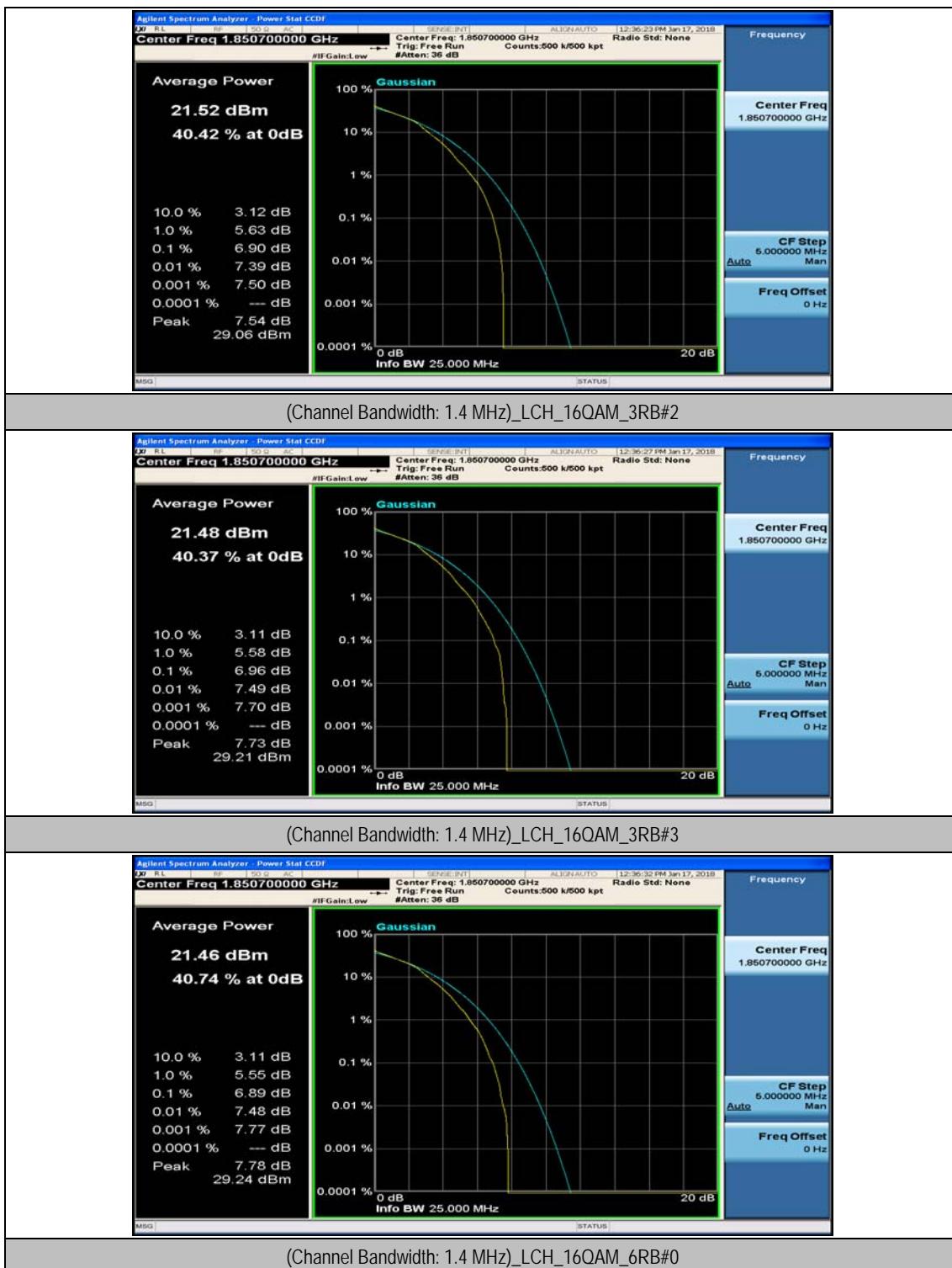


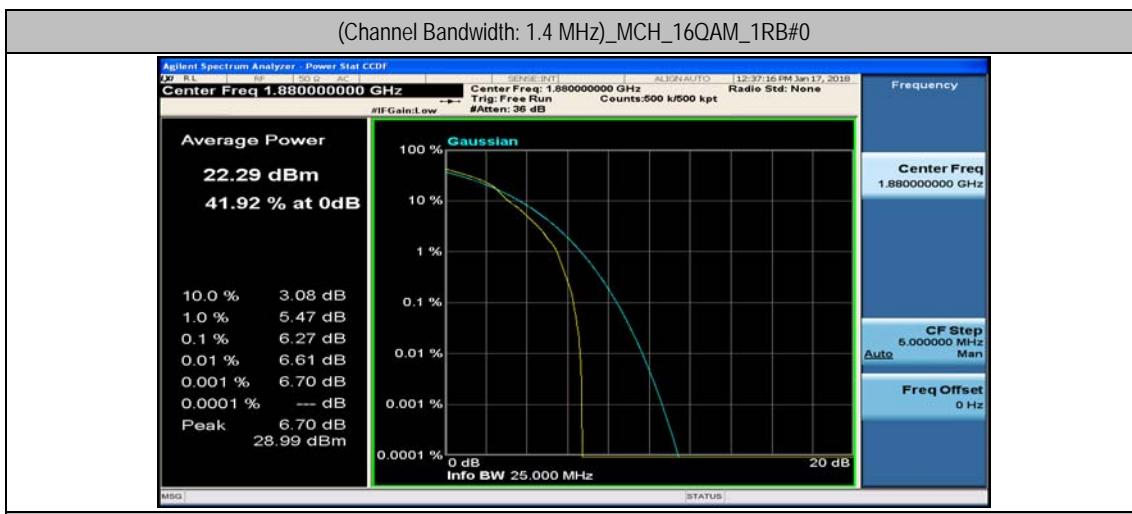
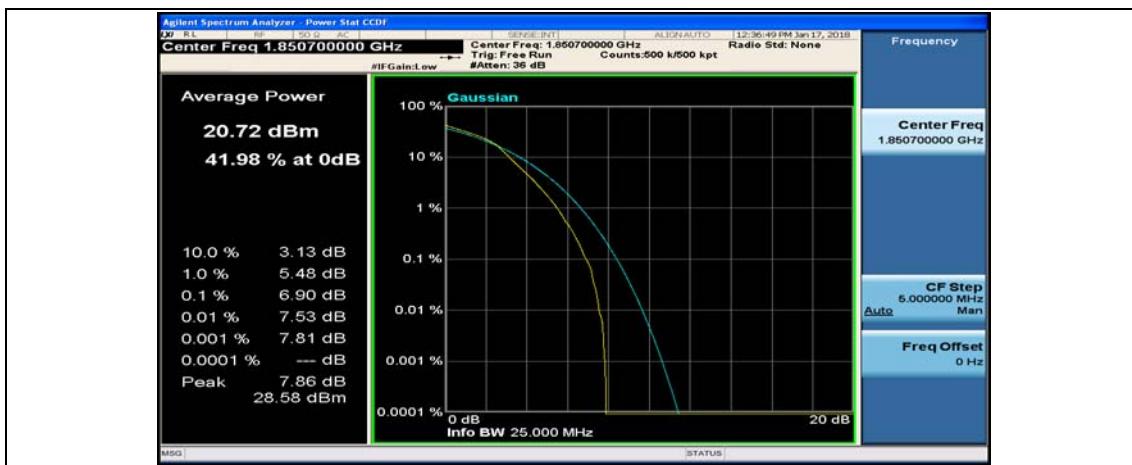


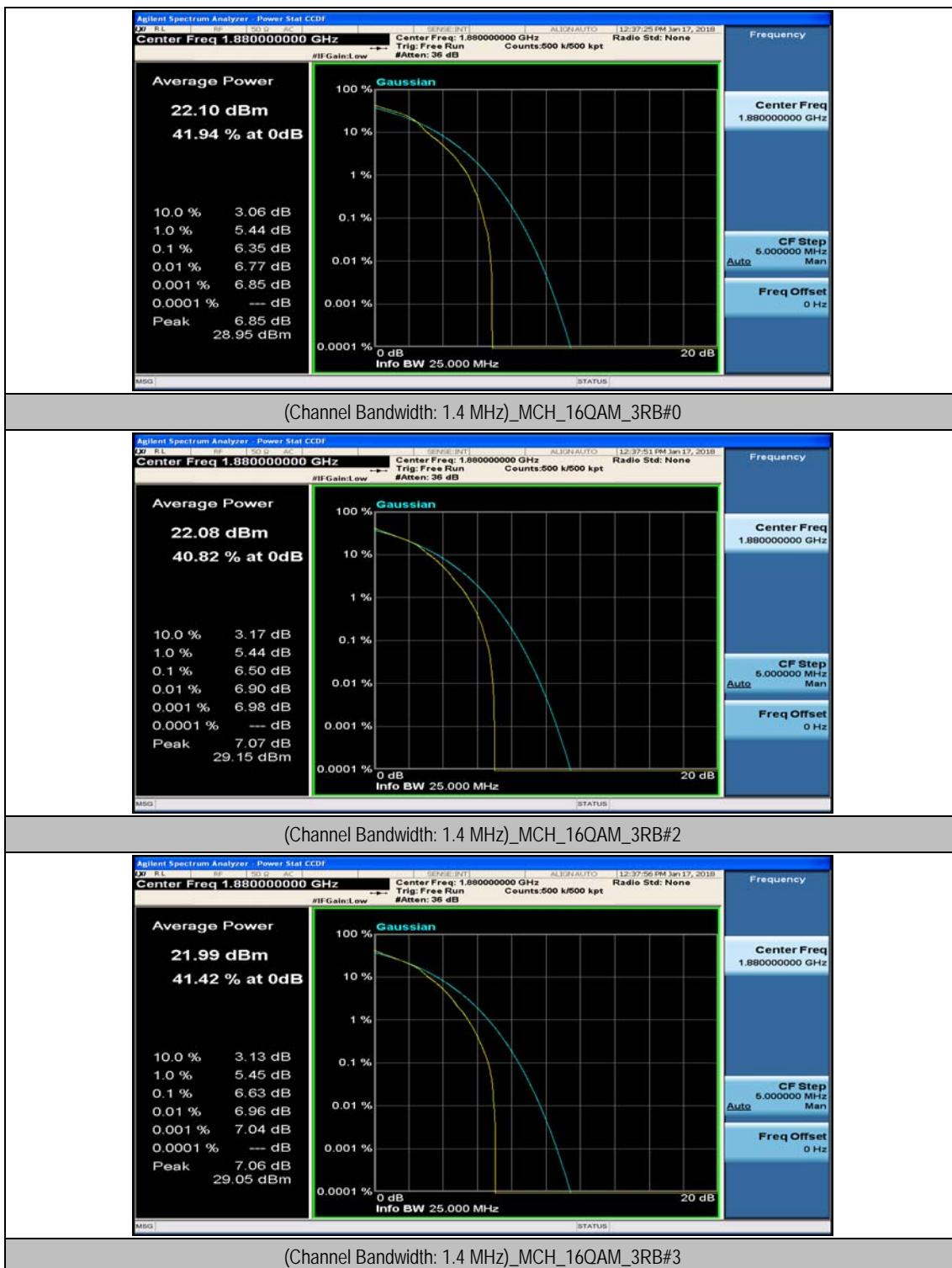


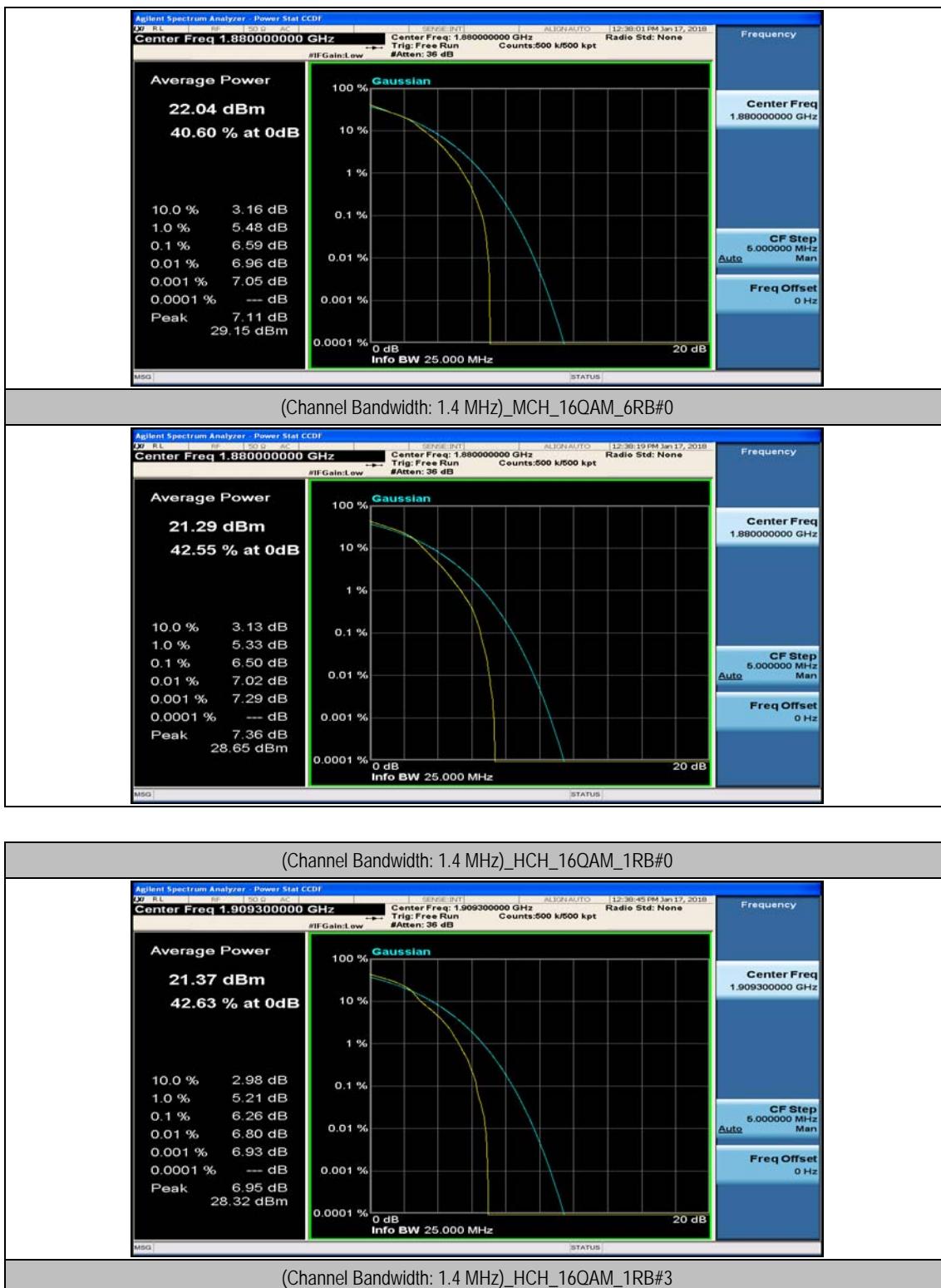


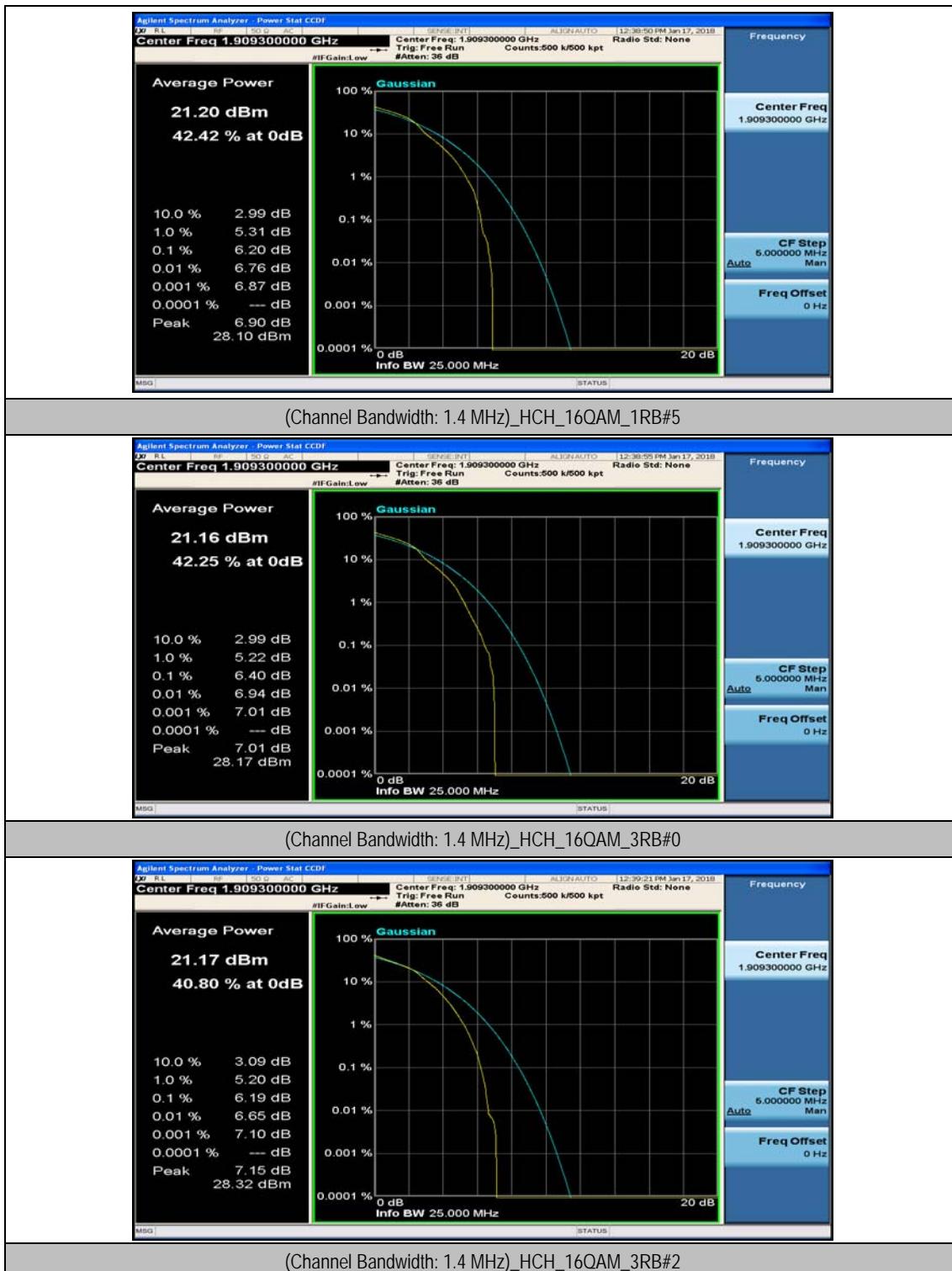


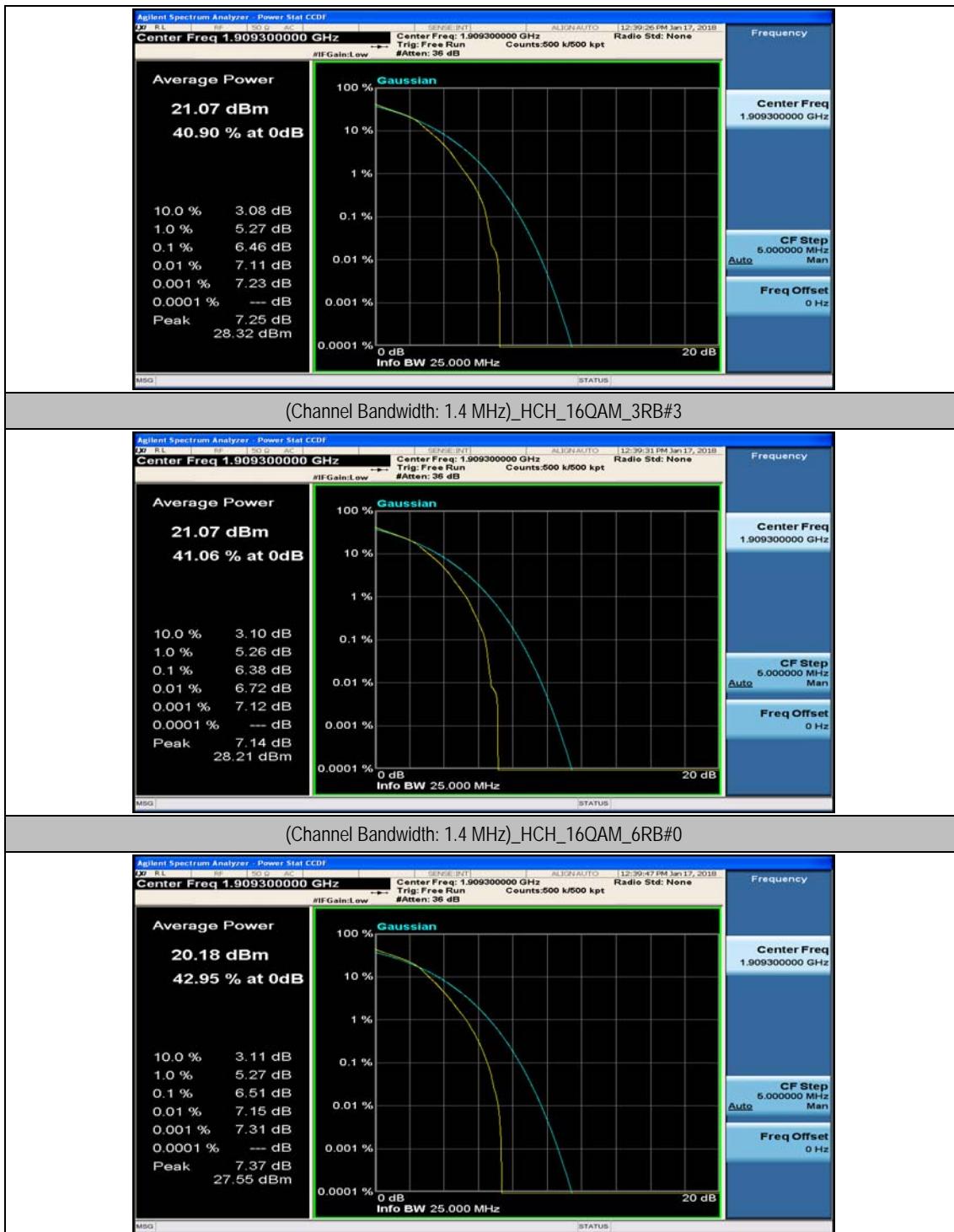




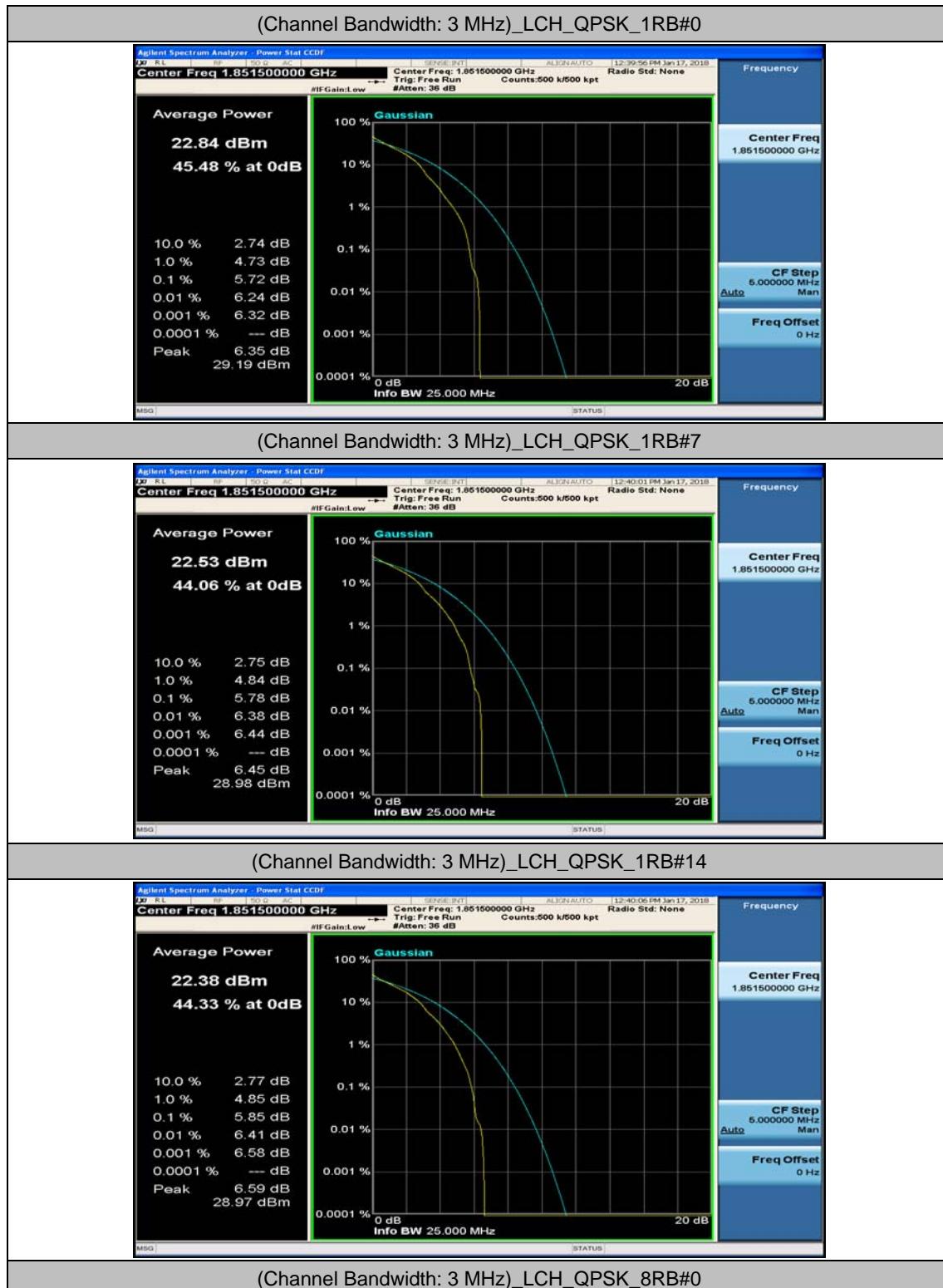


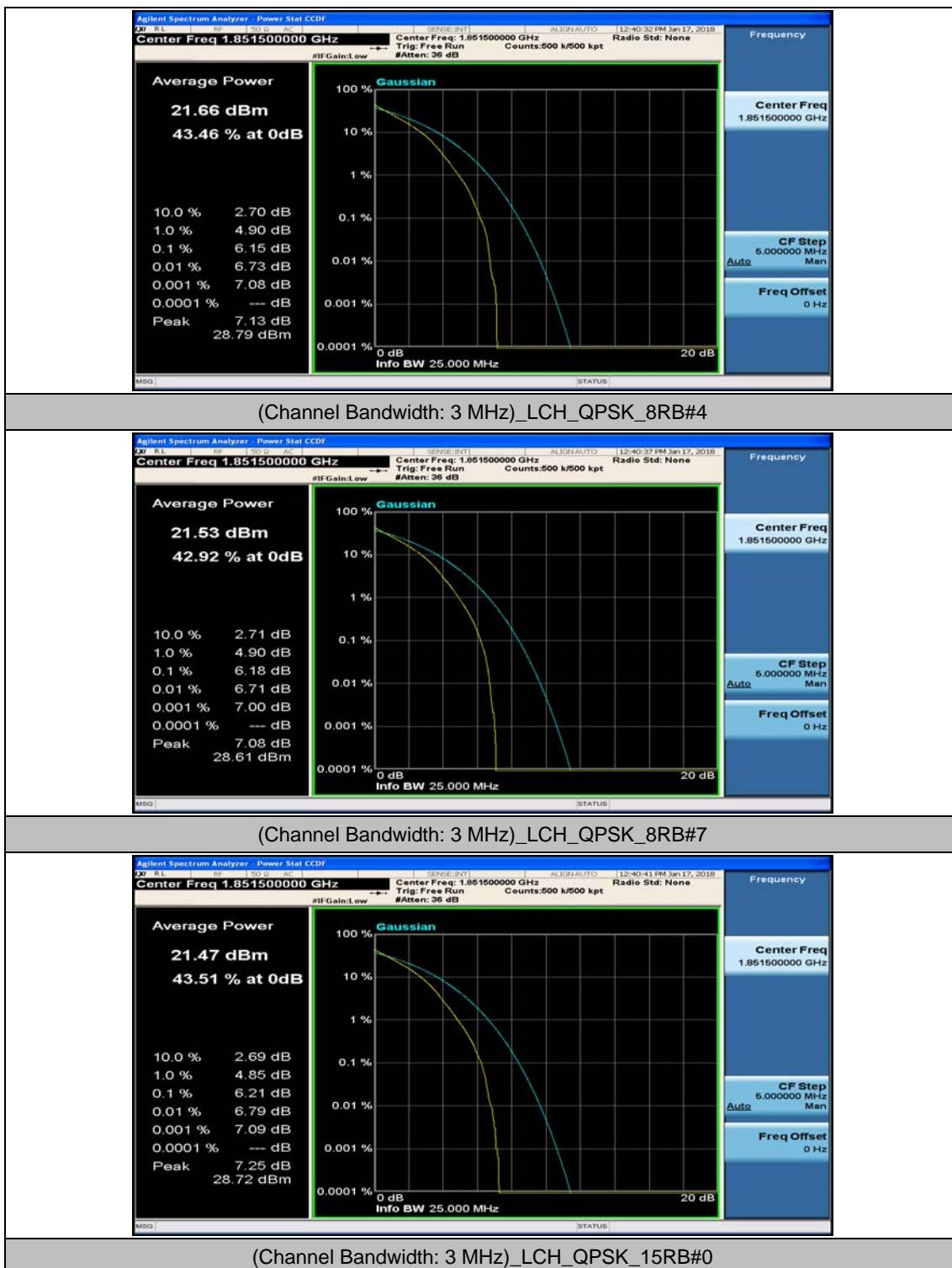


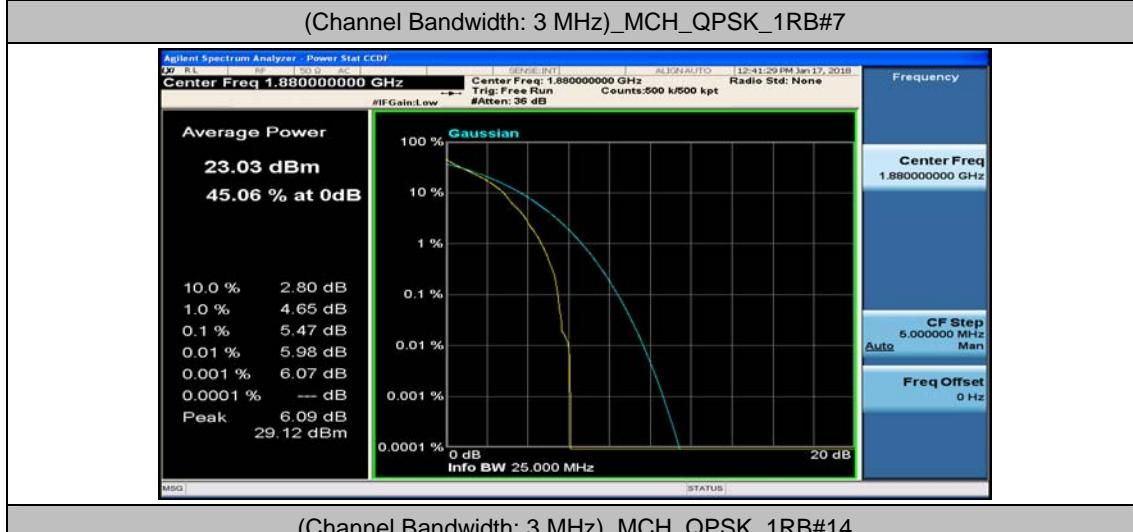
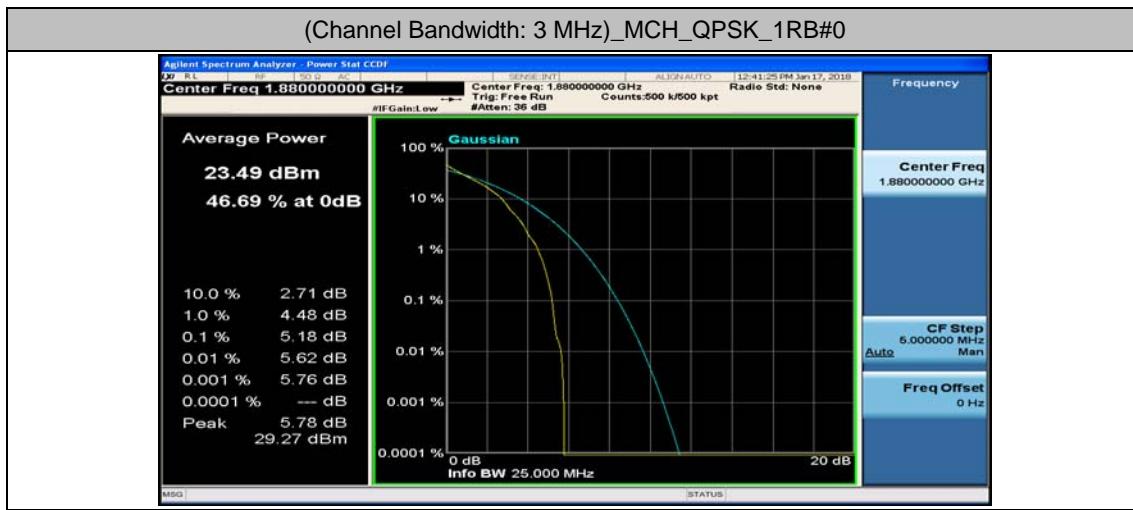




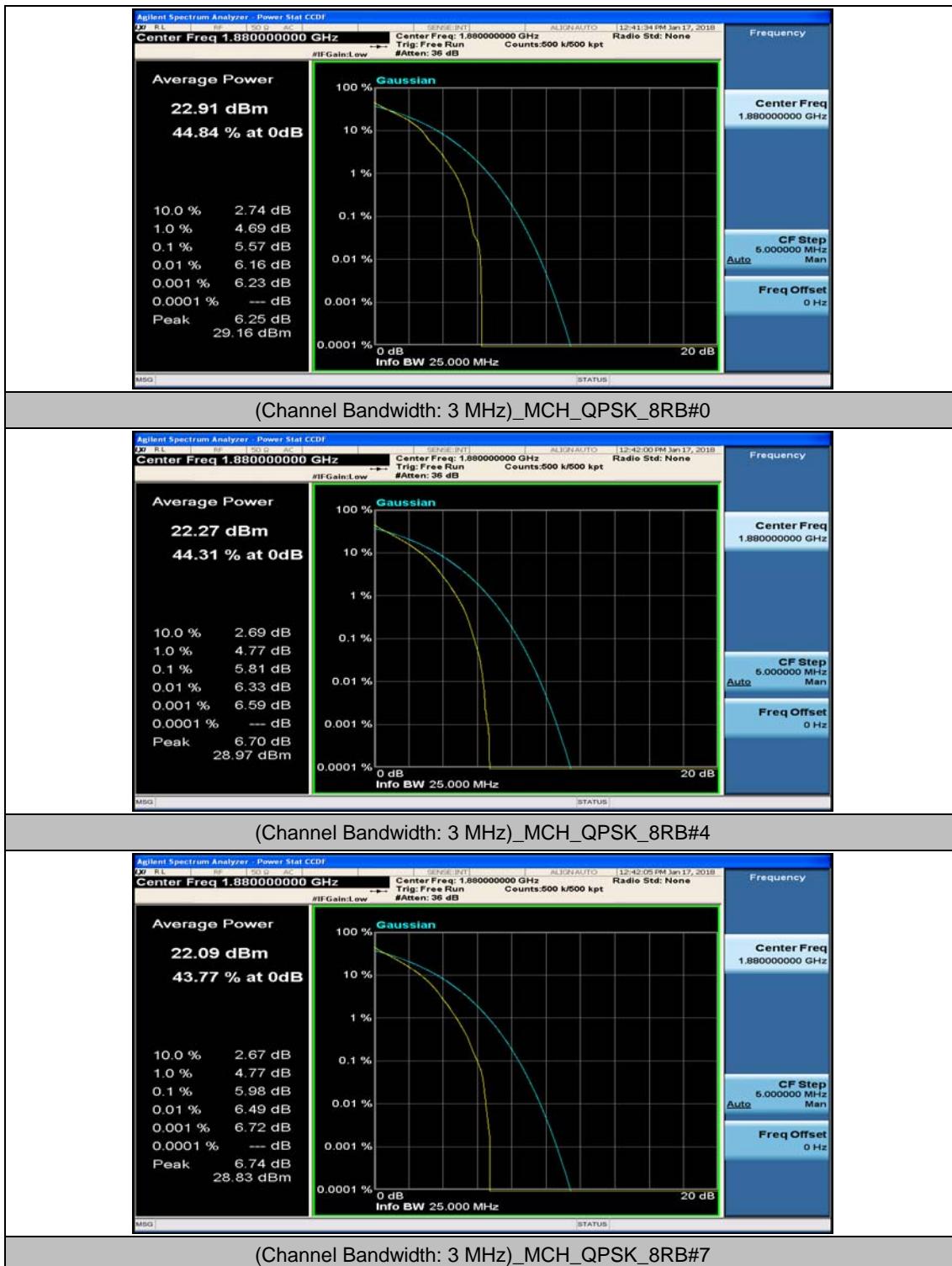
## Channel Bandwidth: 3 MHz

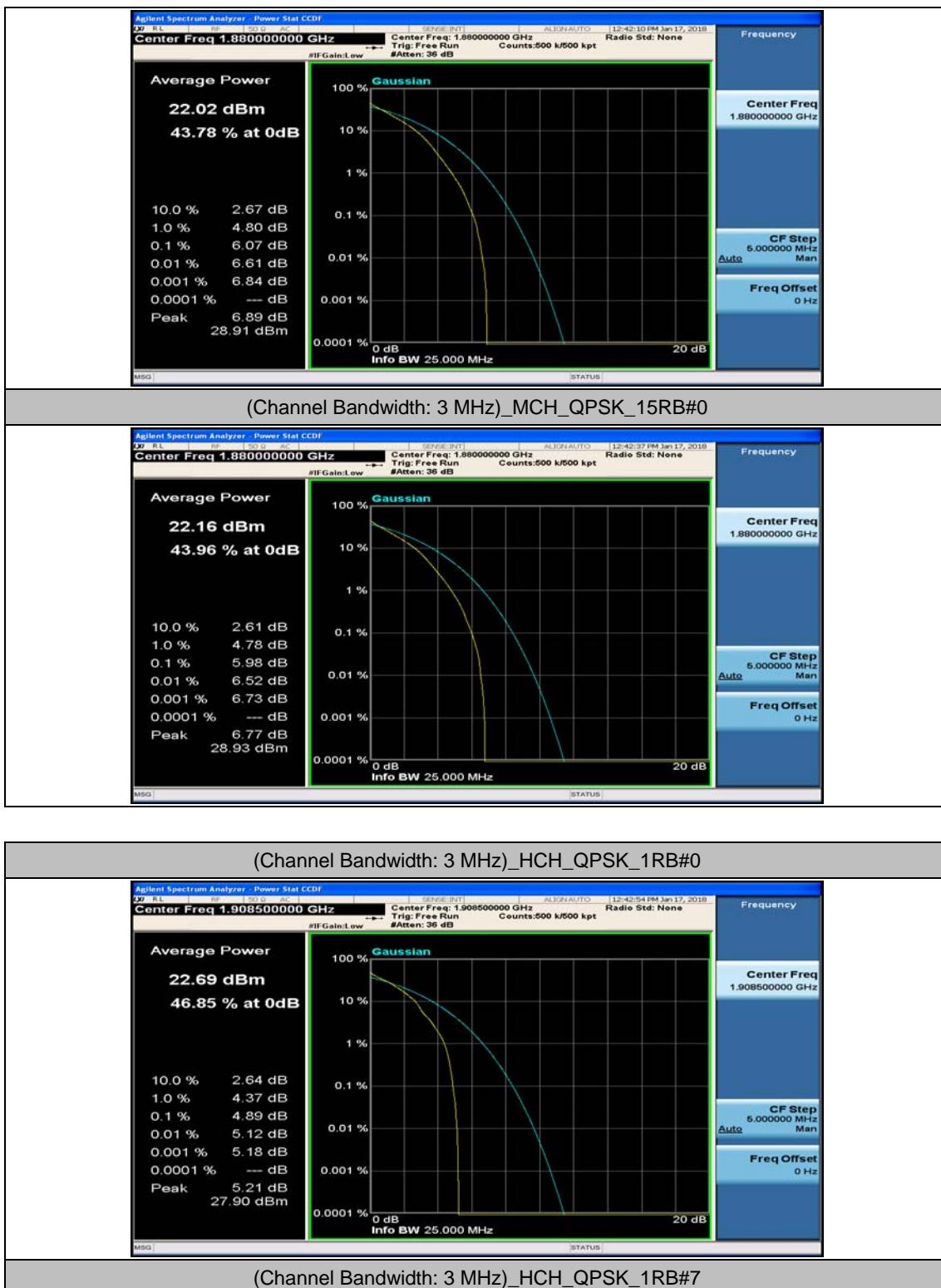


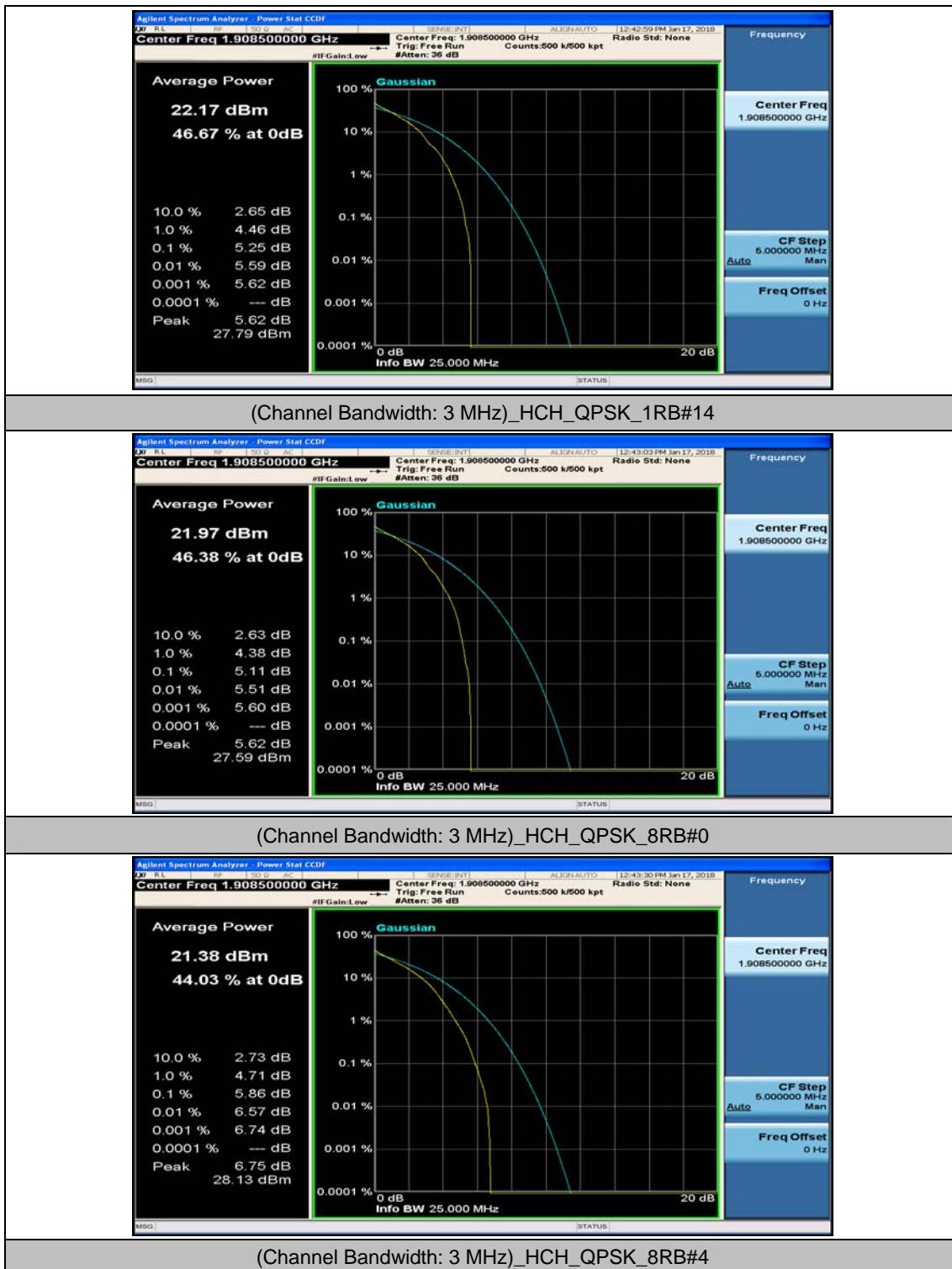


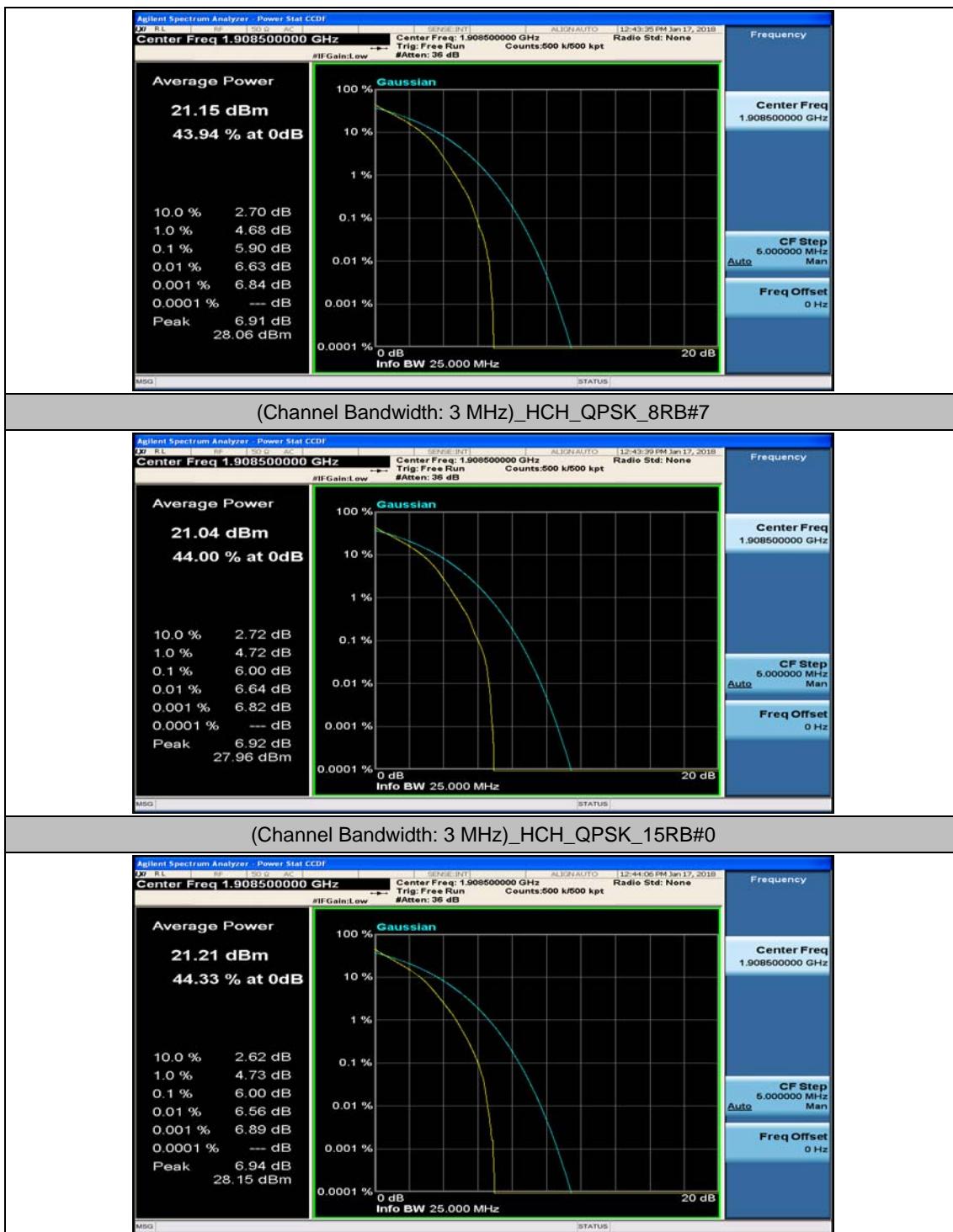


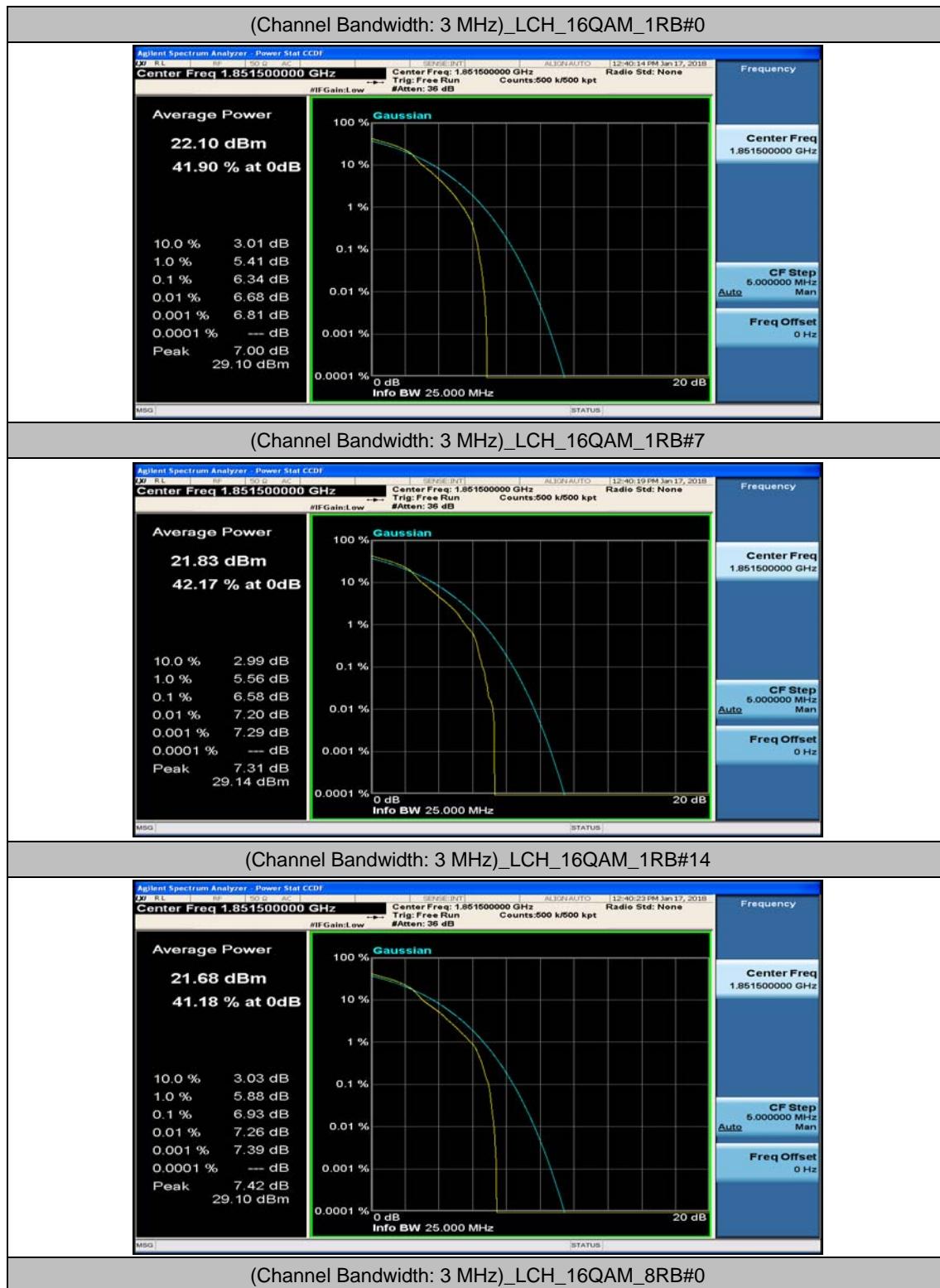
(Channel Bandwidth: 3 MHz)\_MCH\_QPSK\_1RB#14

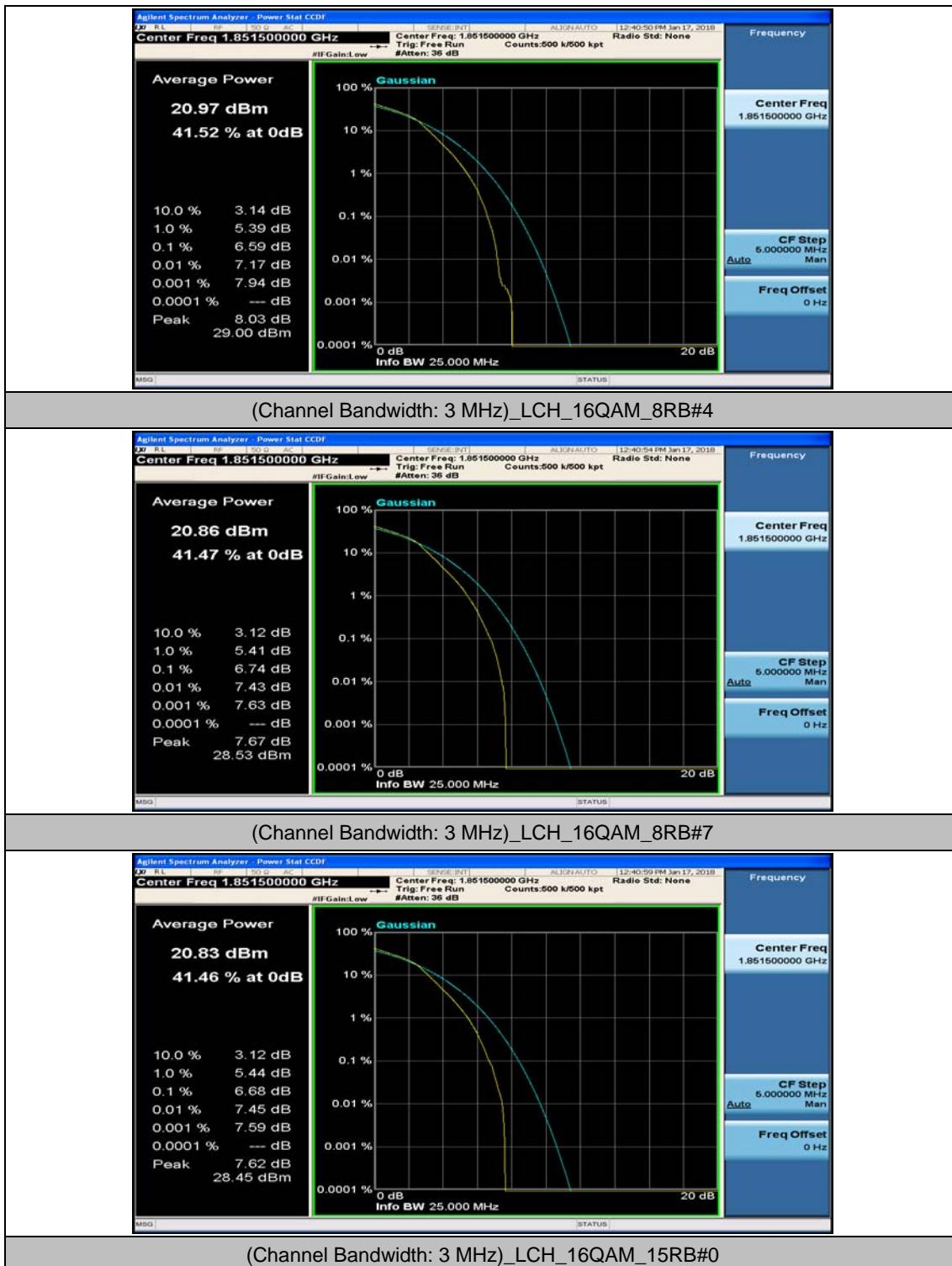


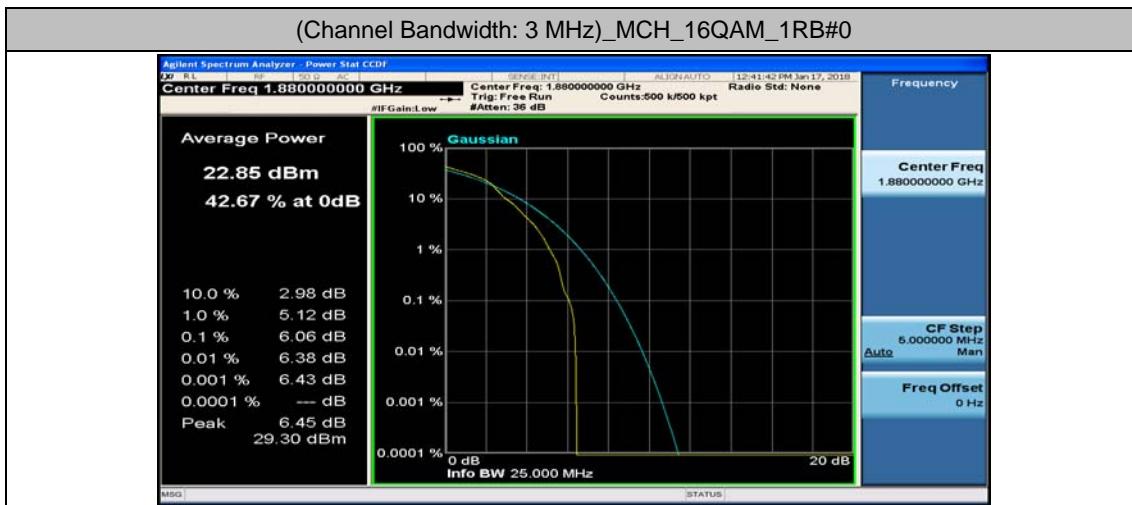
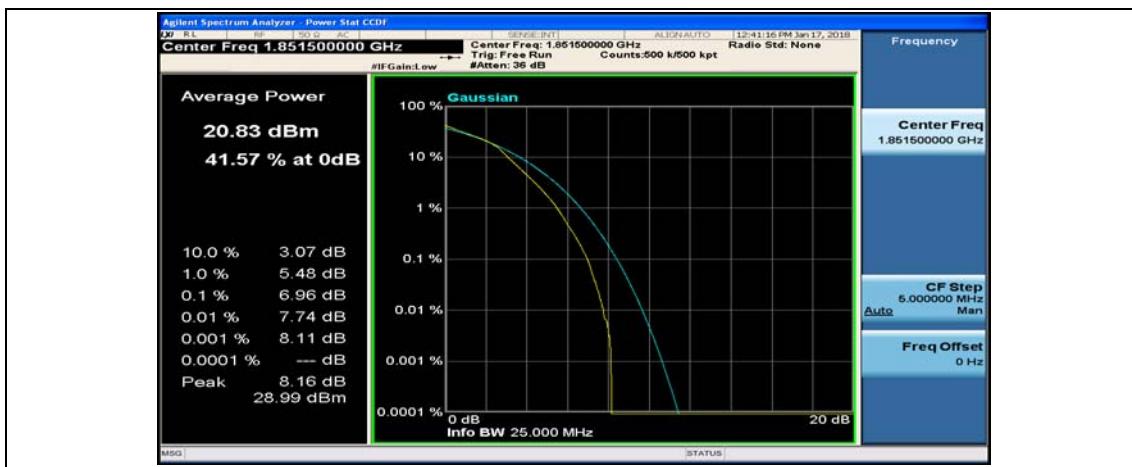


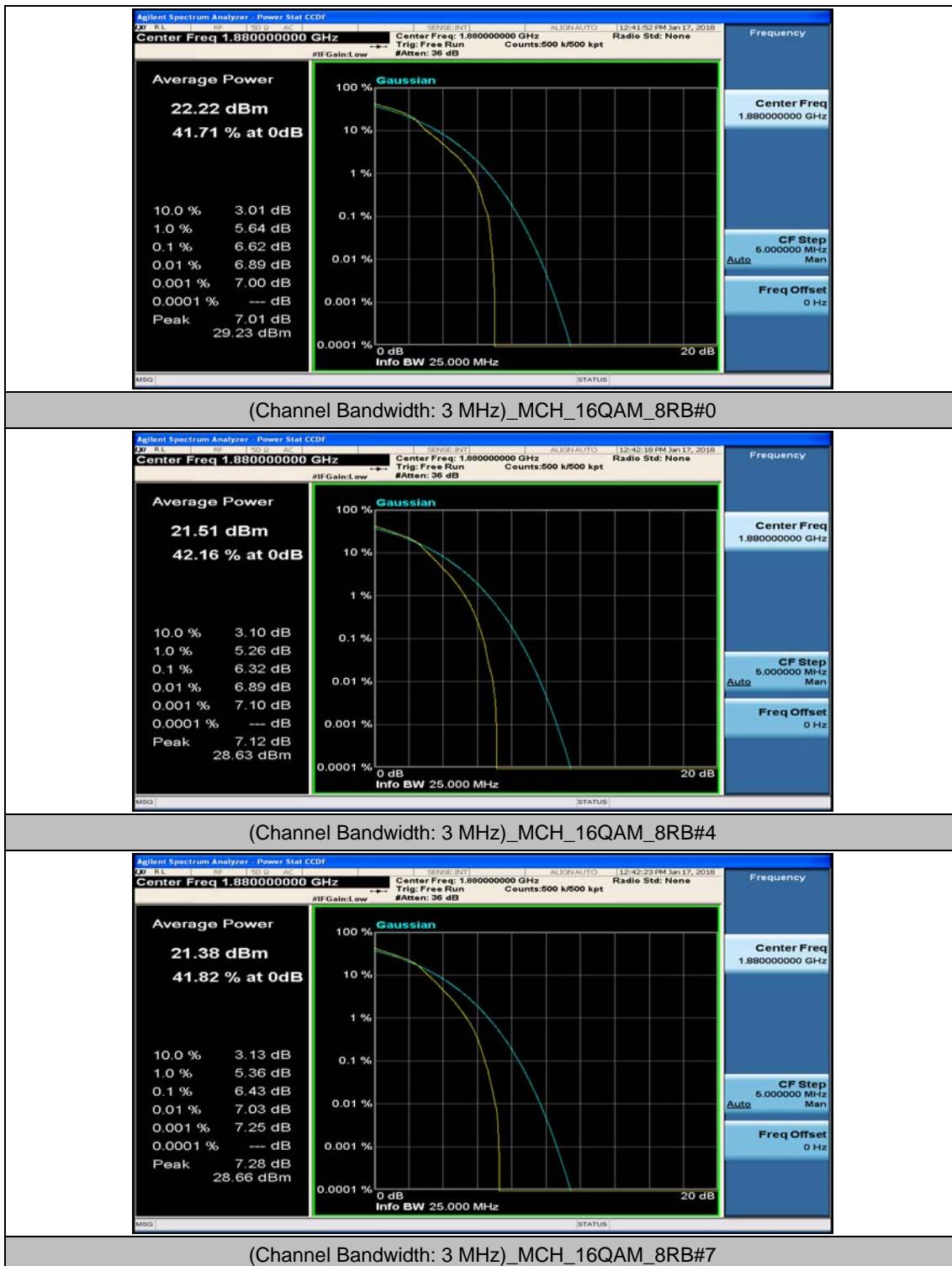


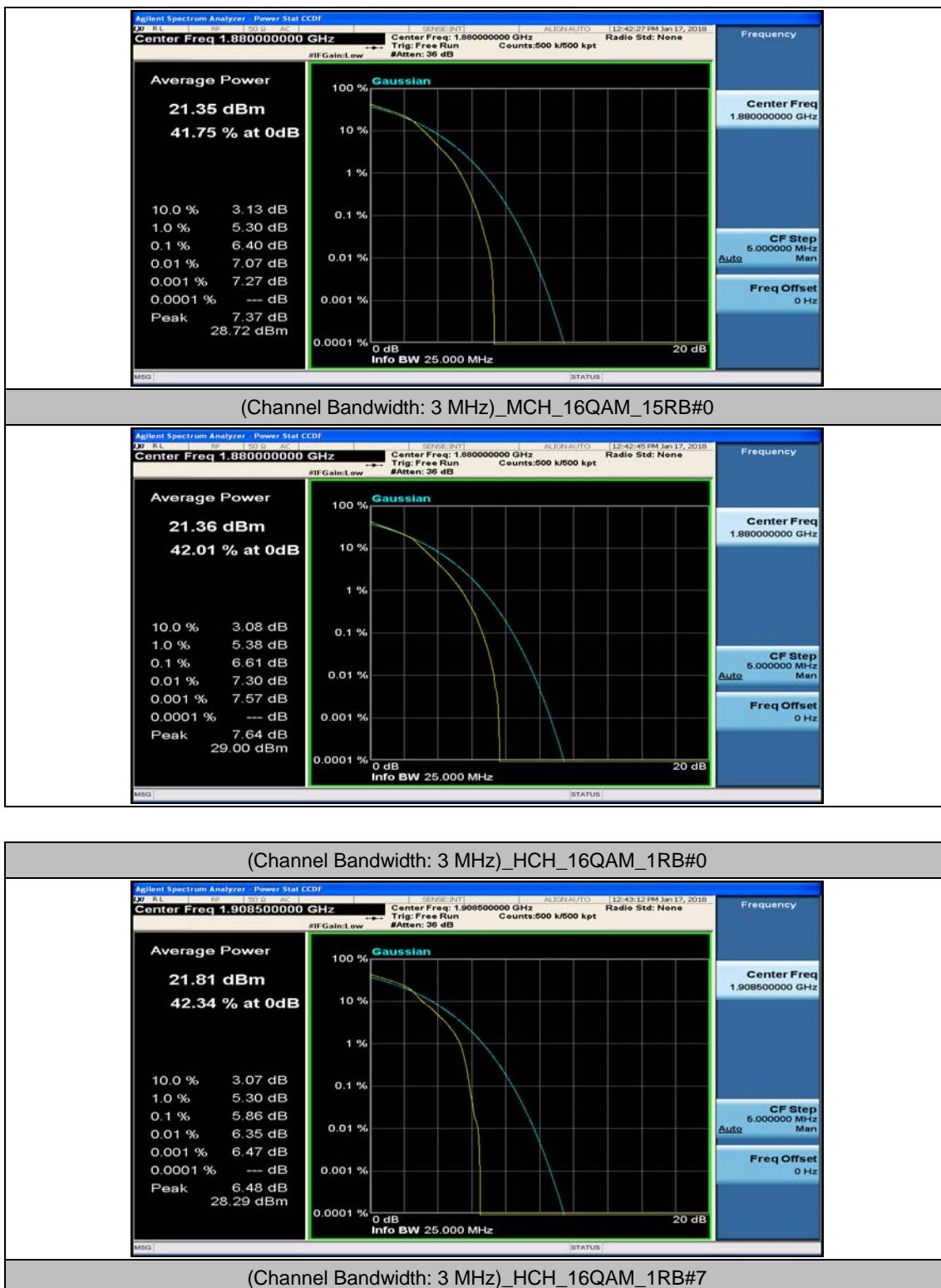


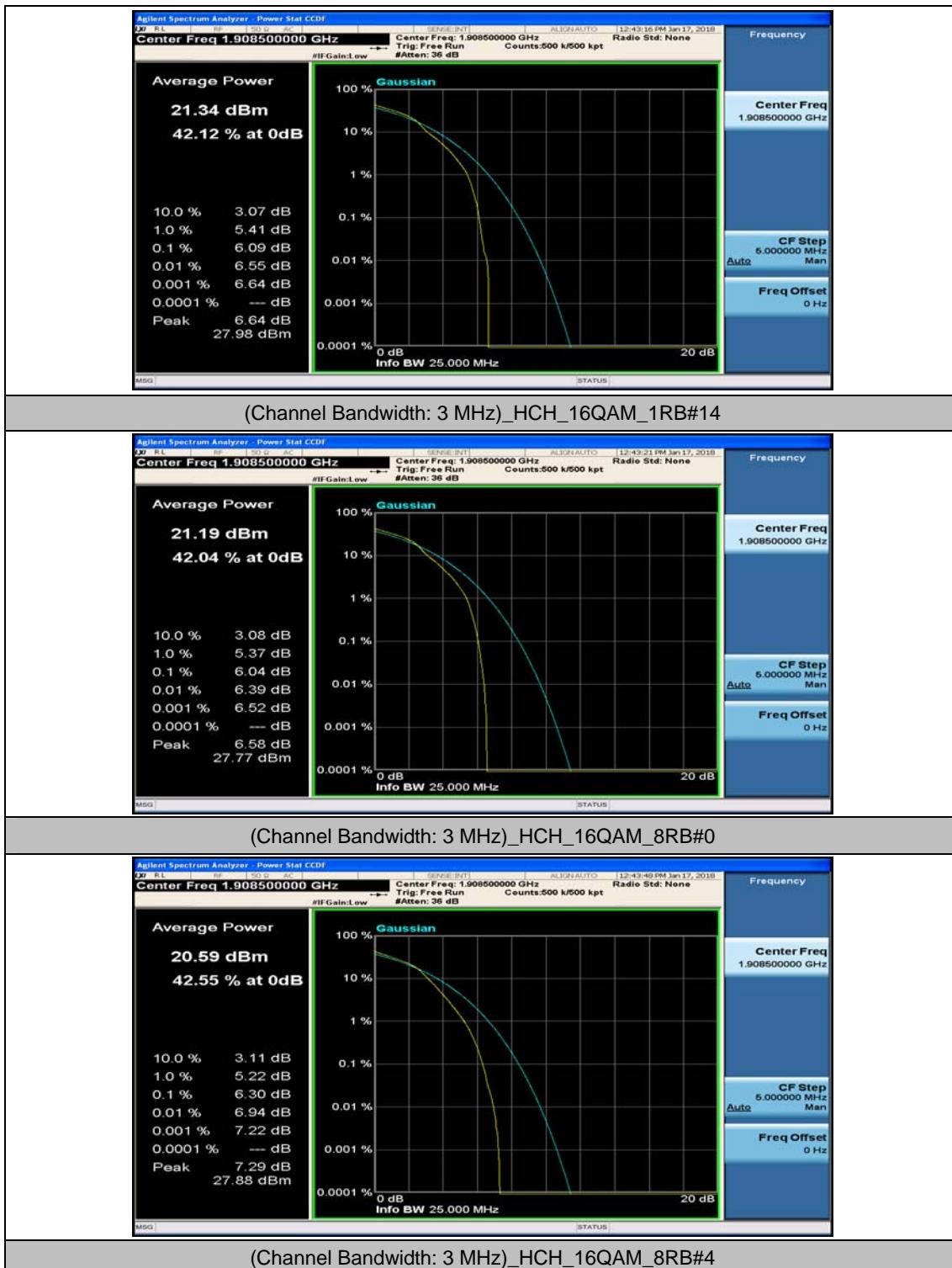


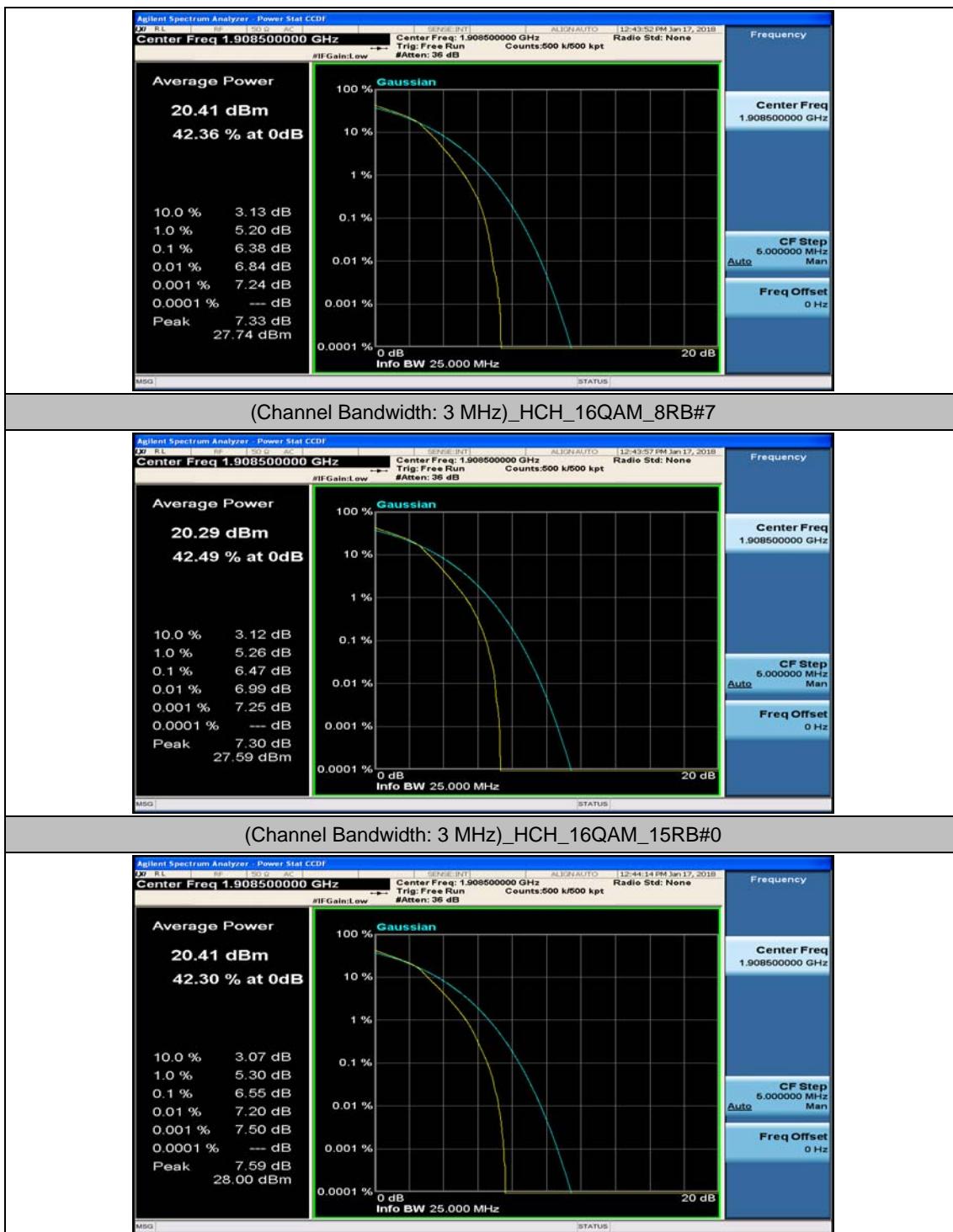




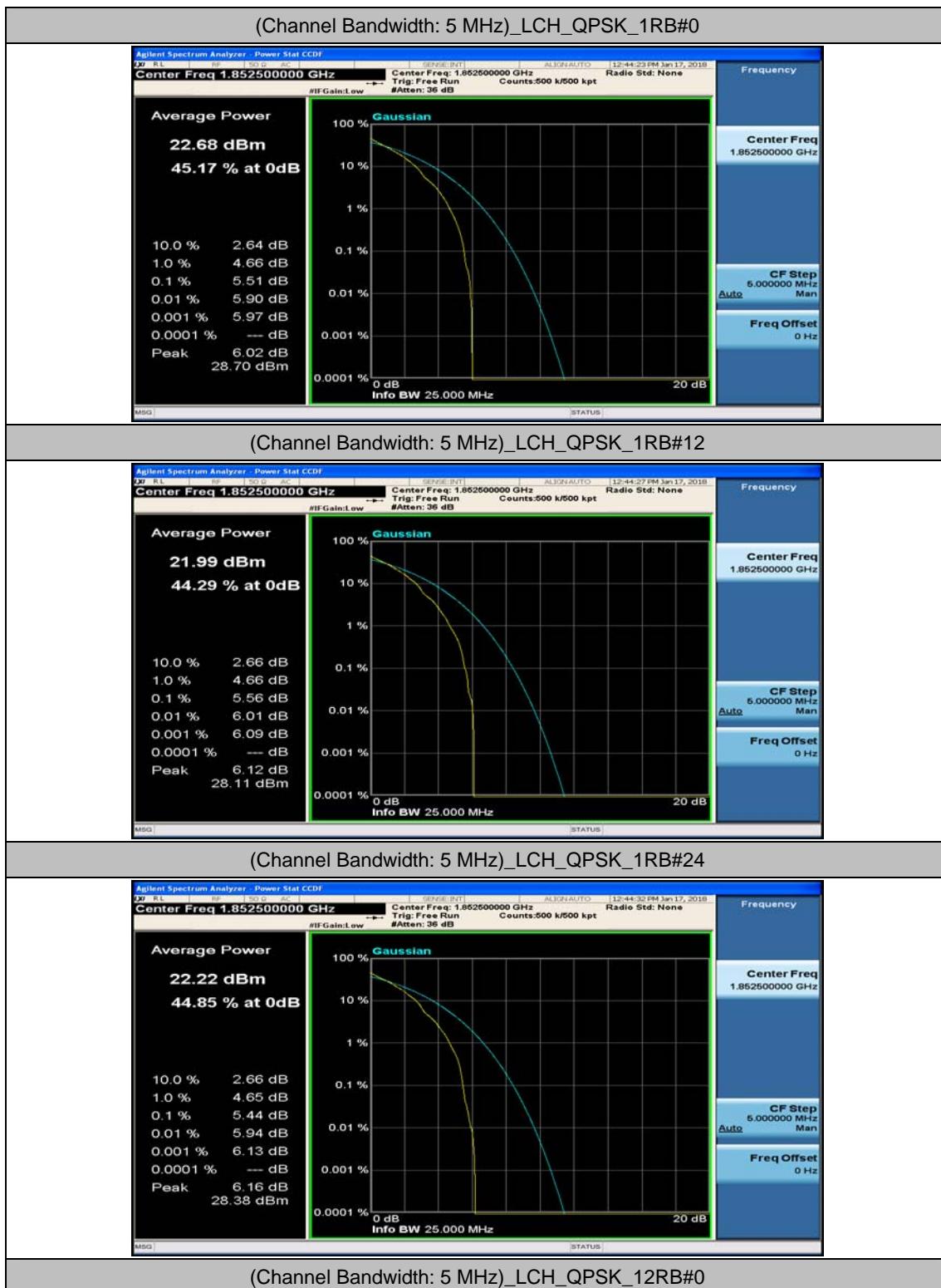


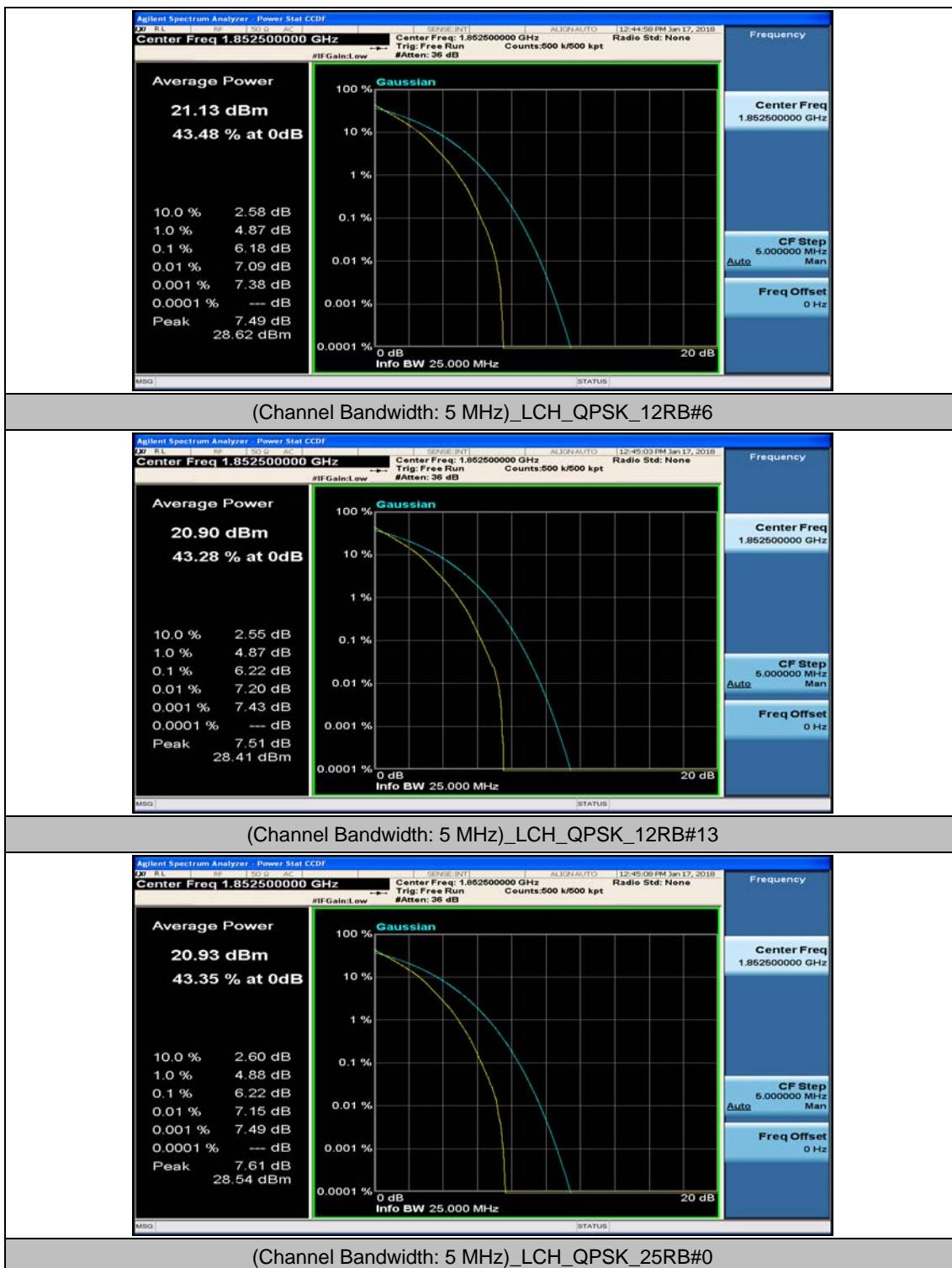


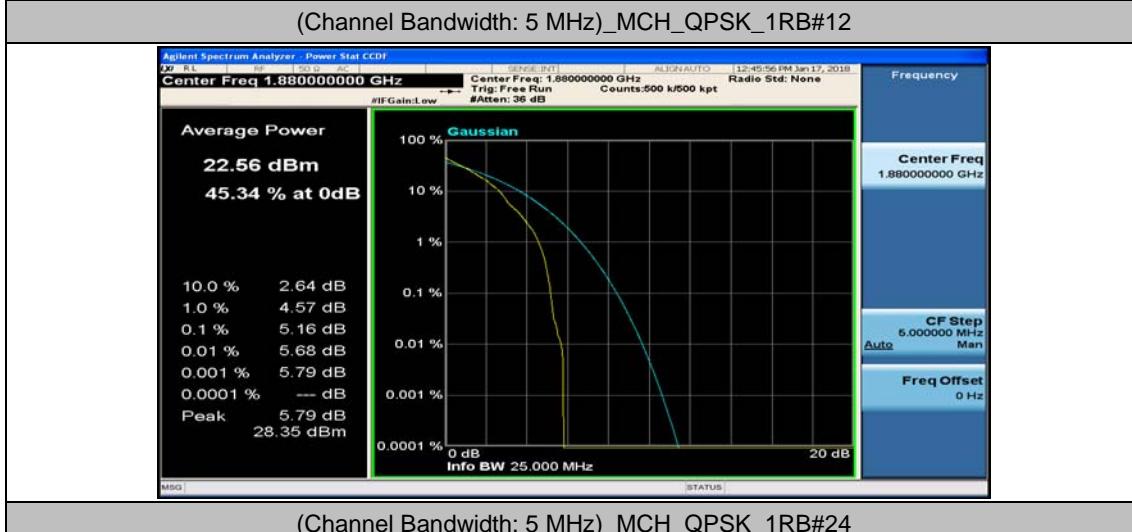
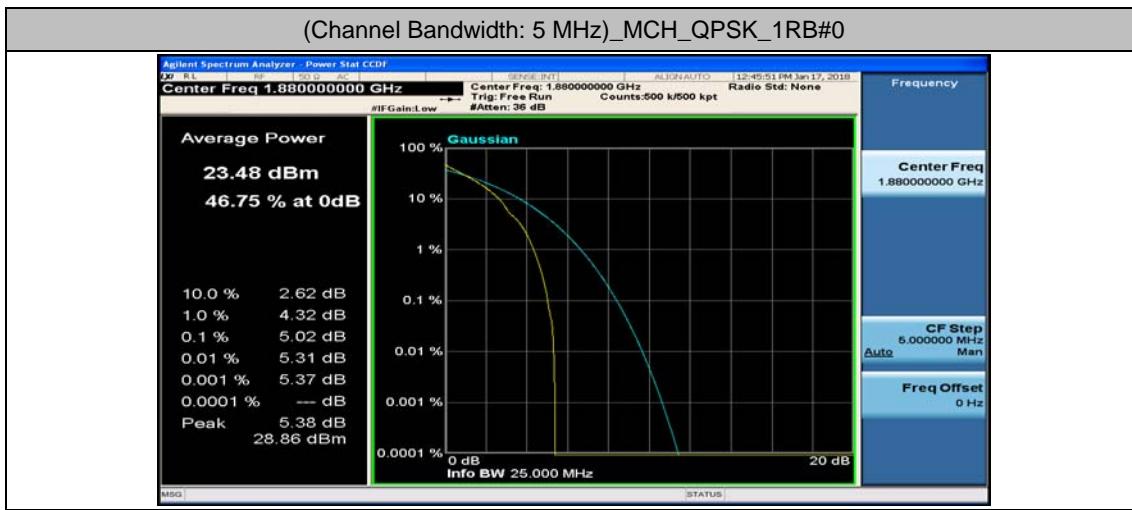
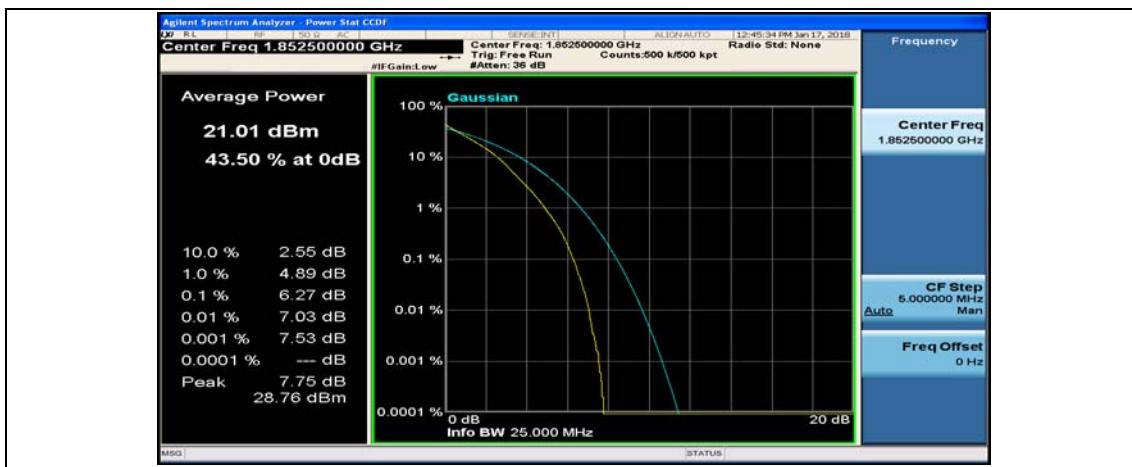




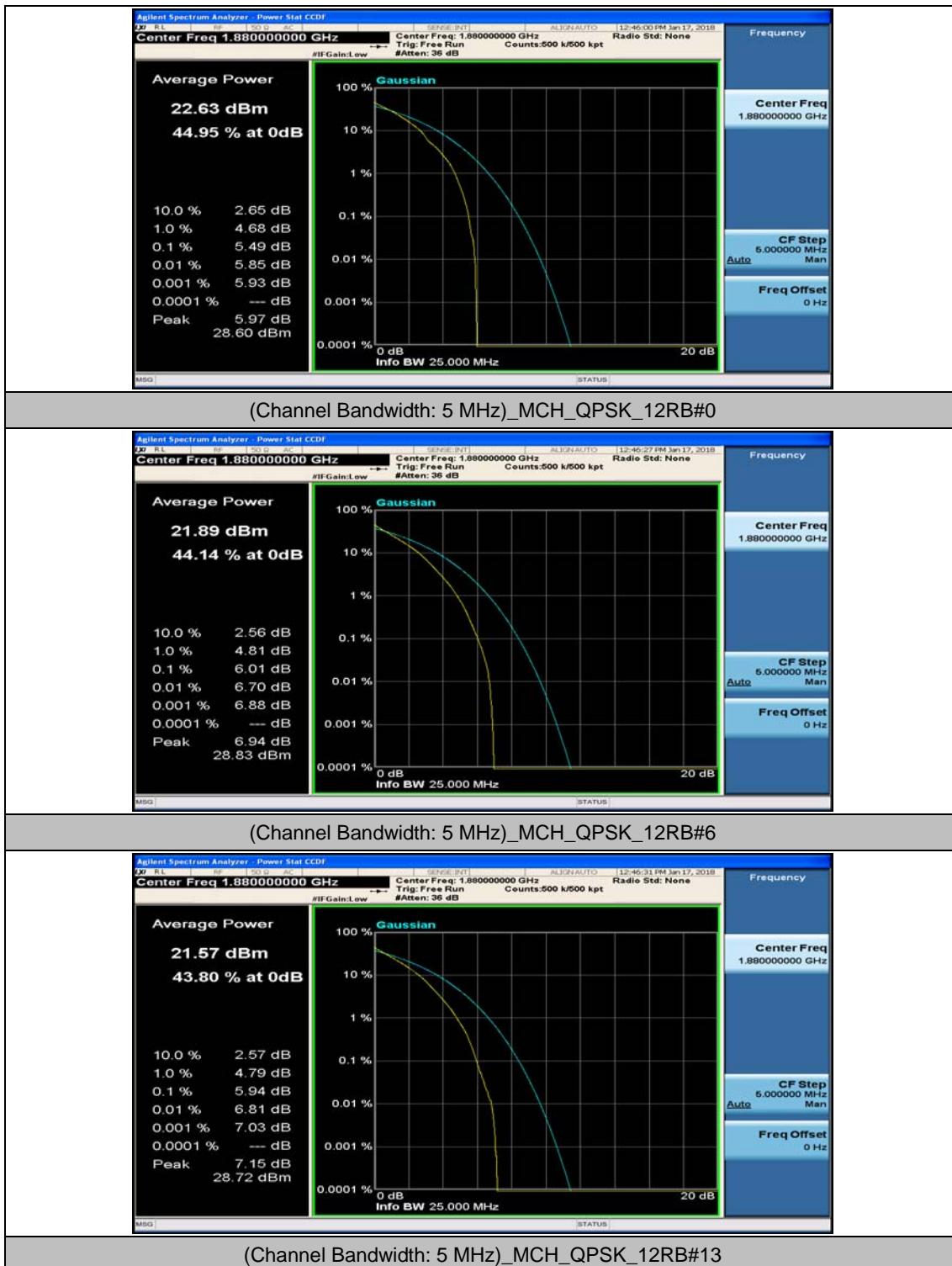
## Channel Bandwidth: 5 MHz

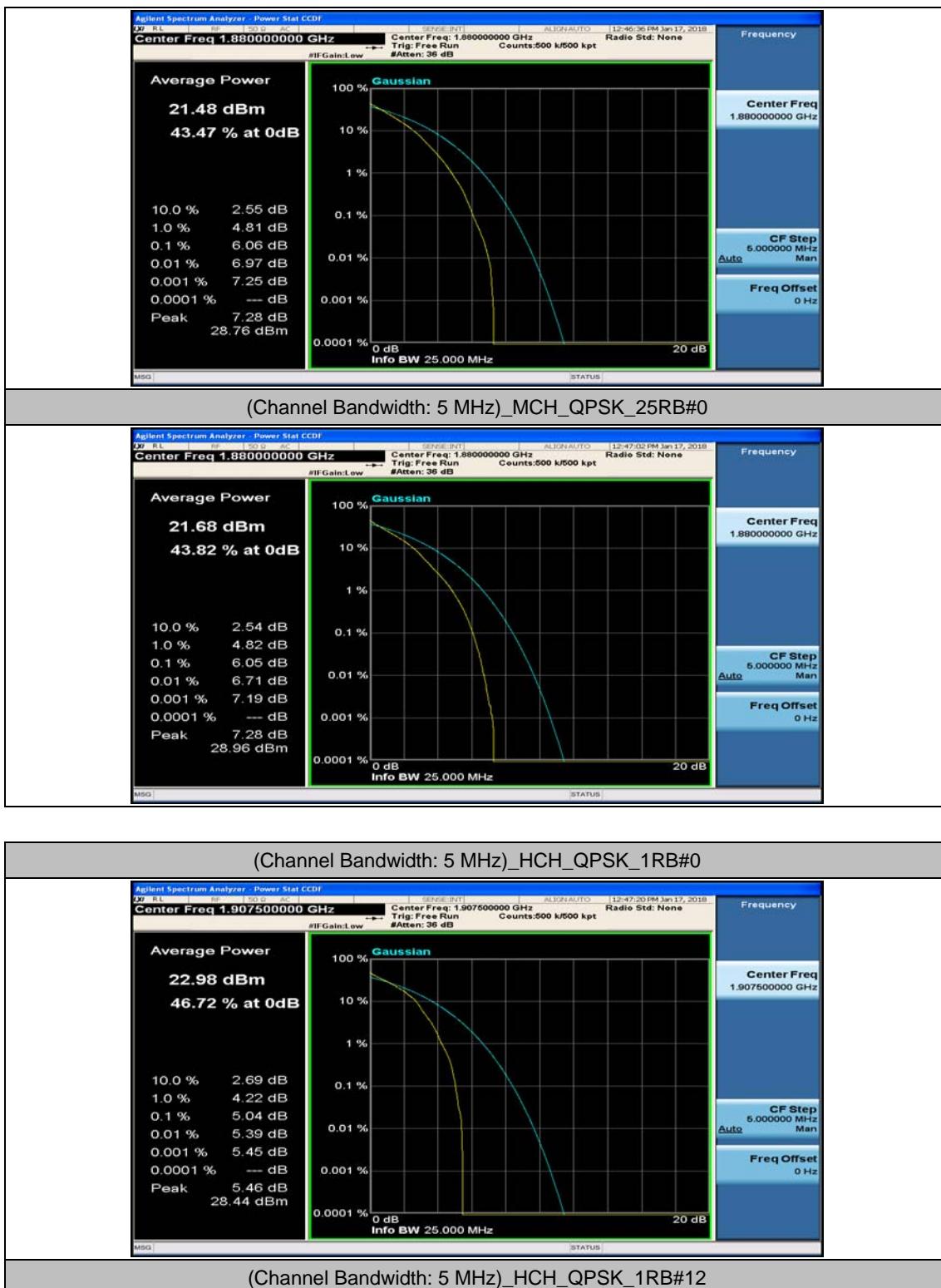


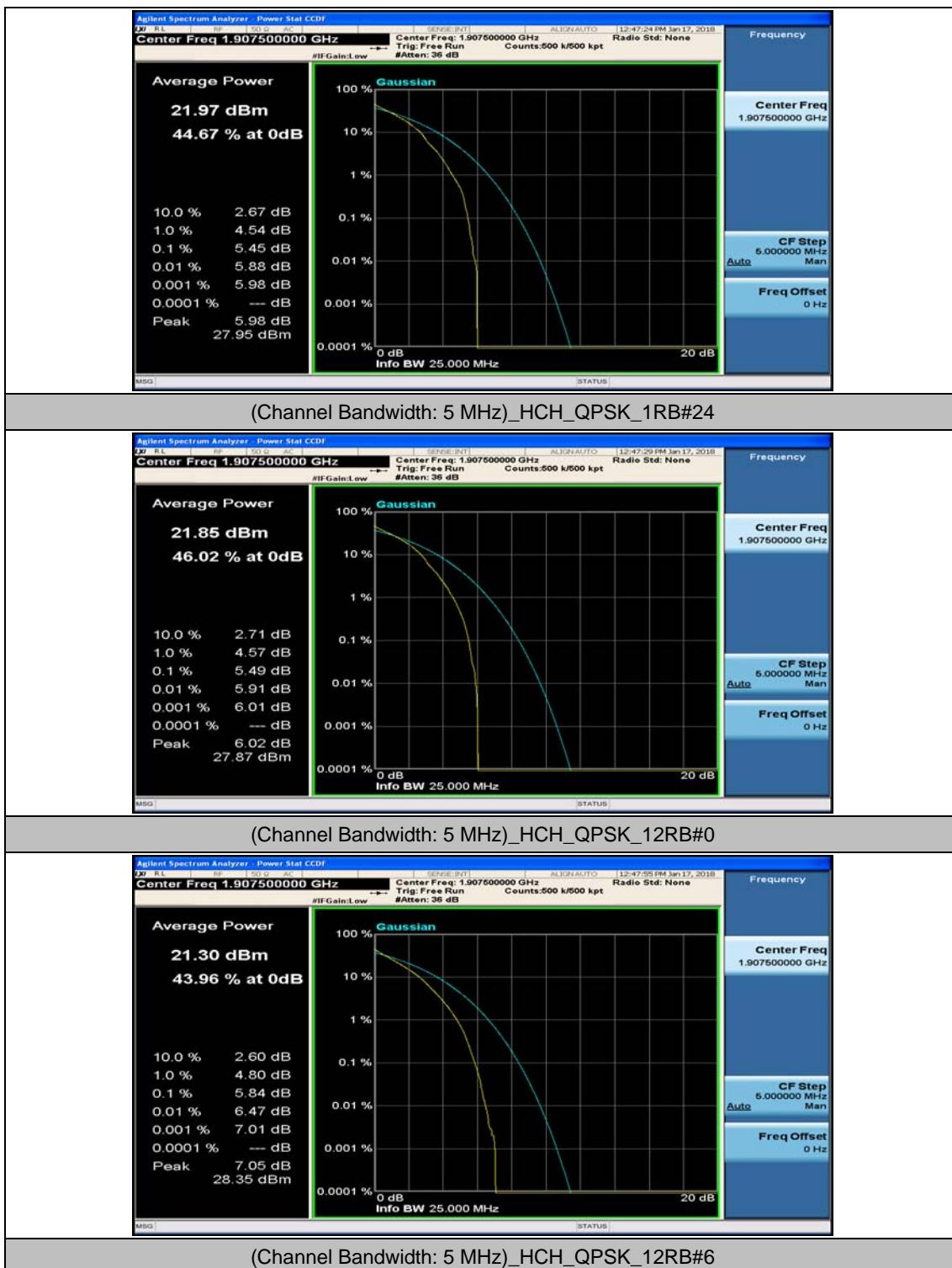


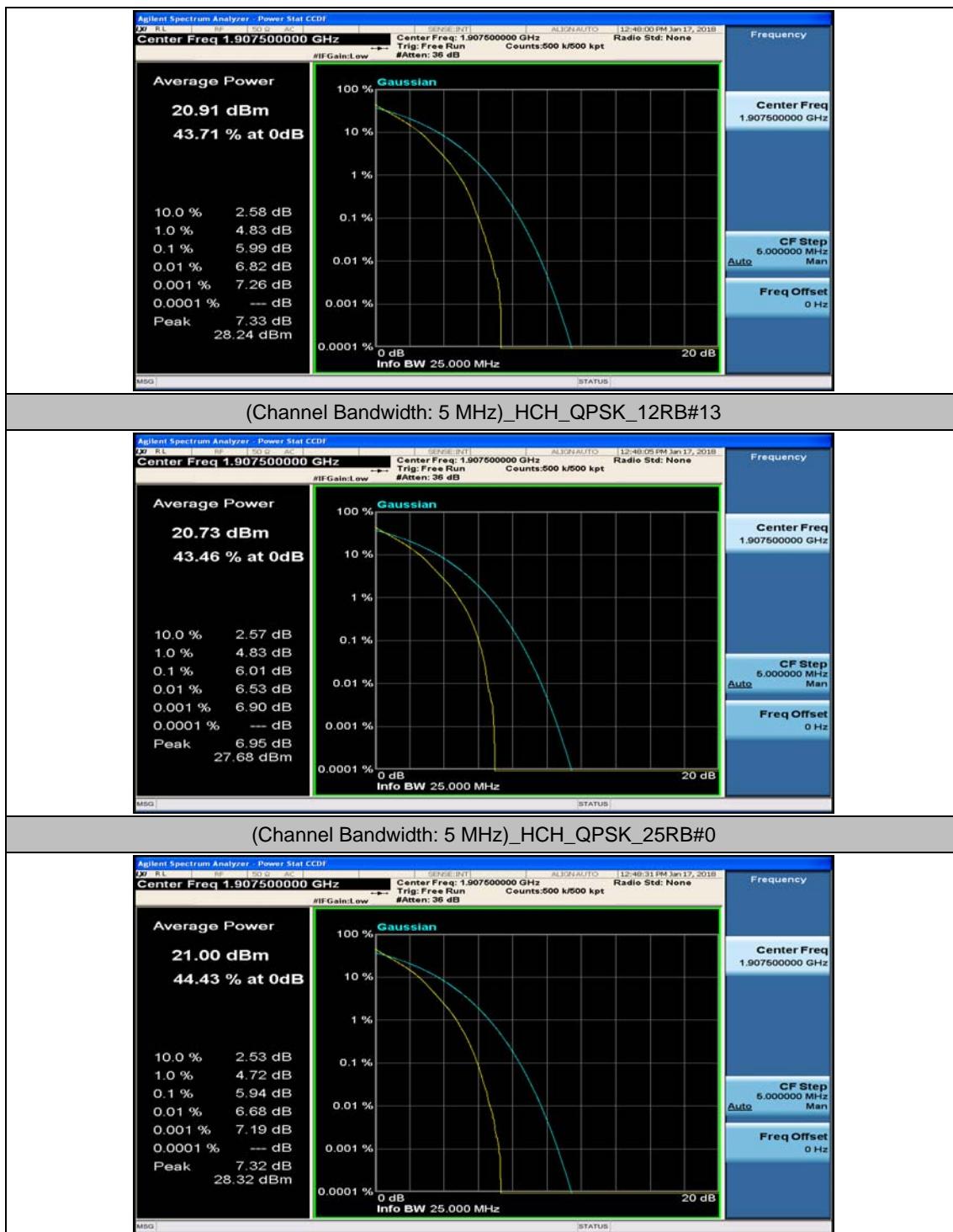


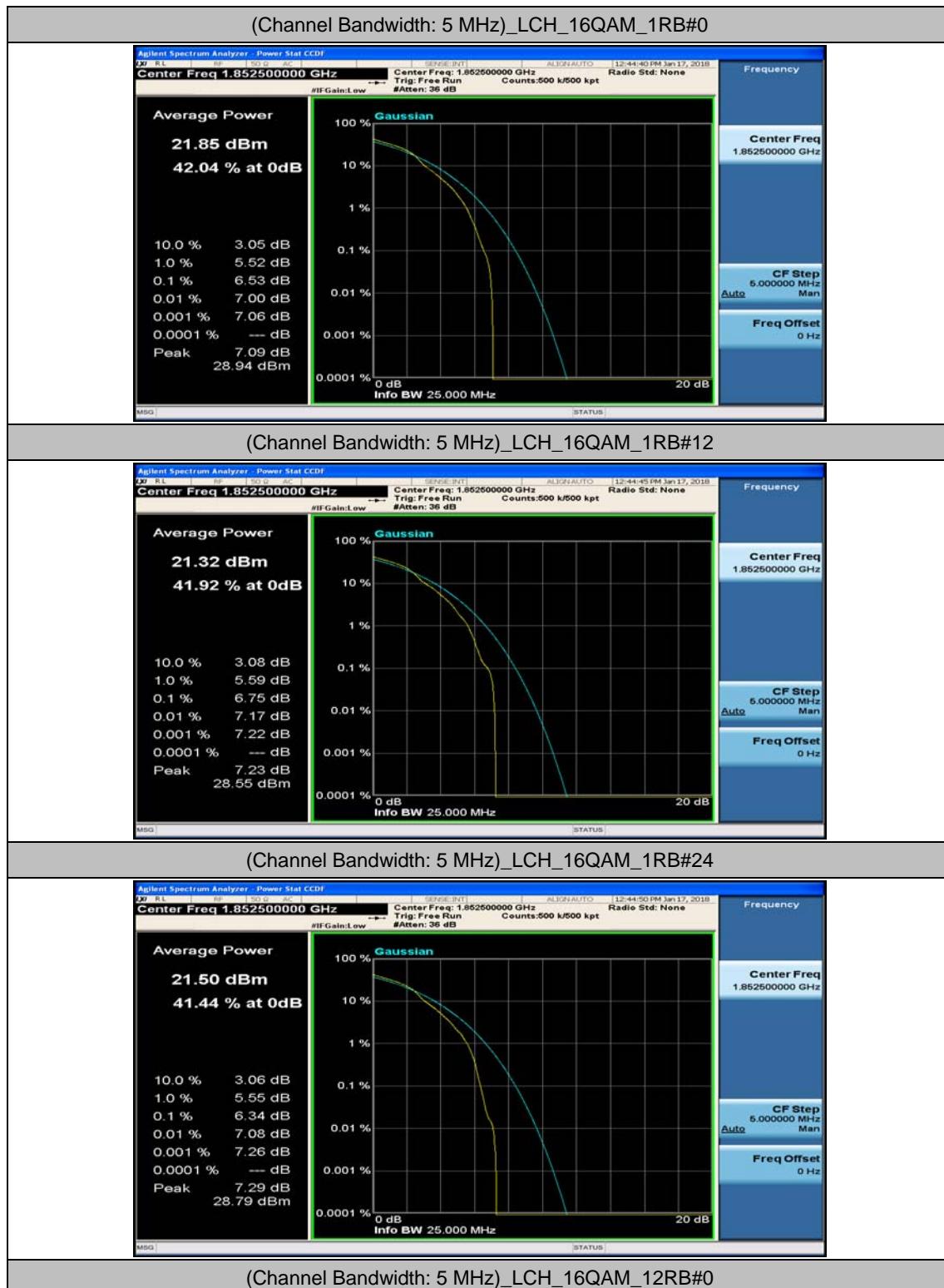
(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_1RB#24

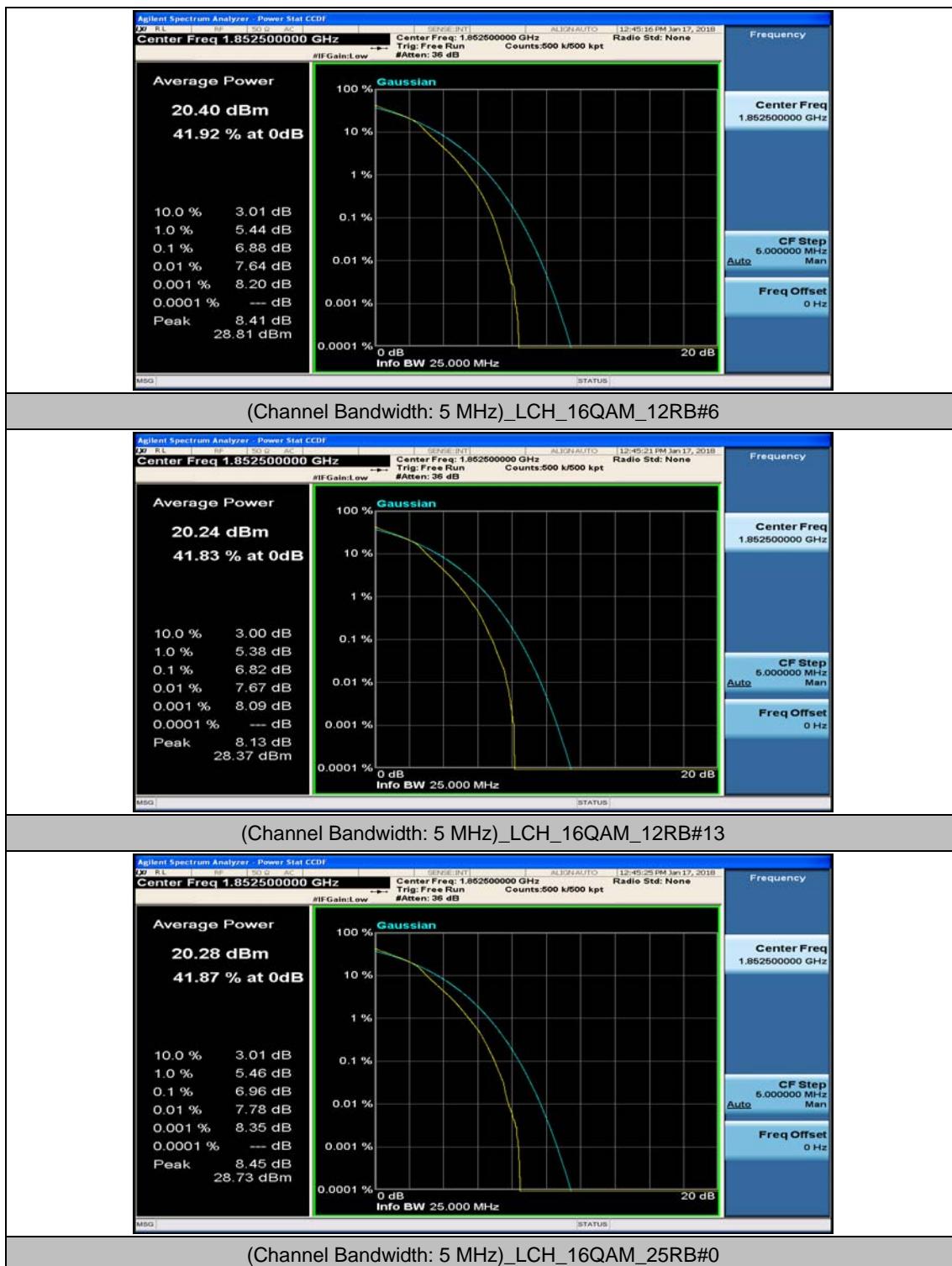


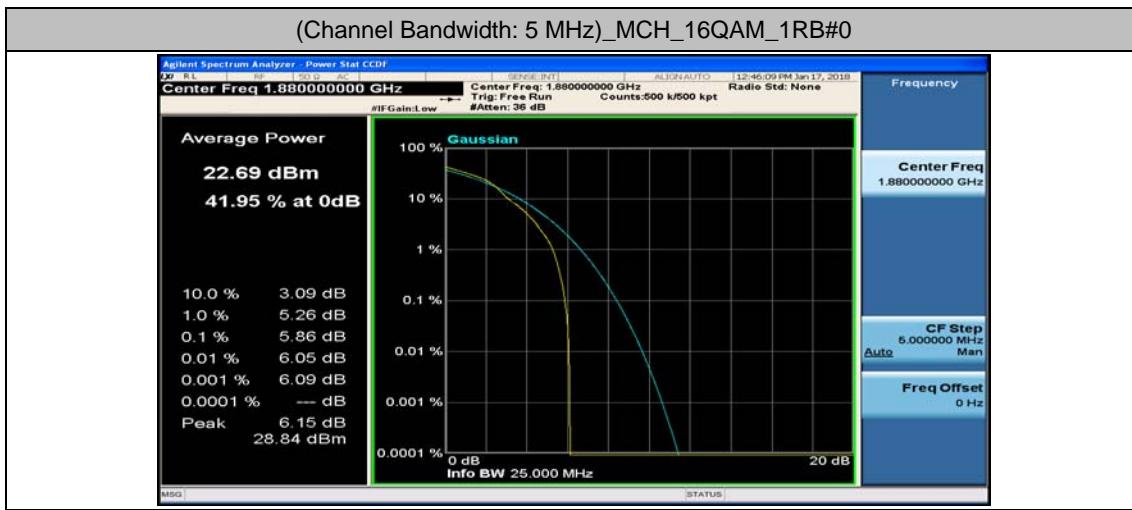
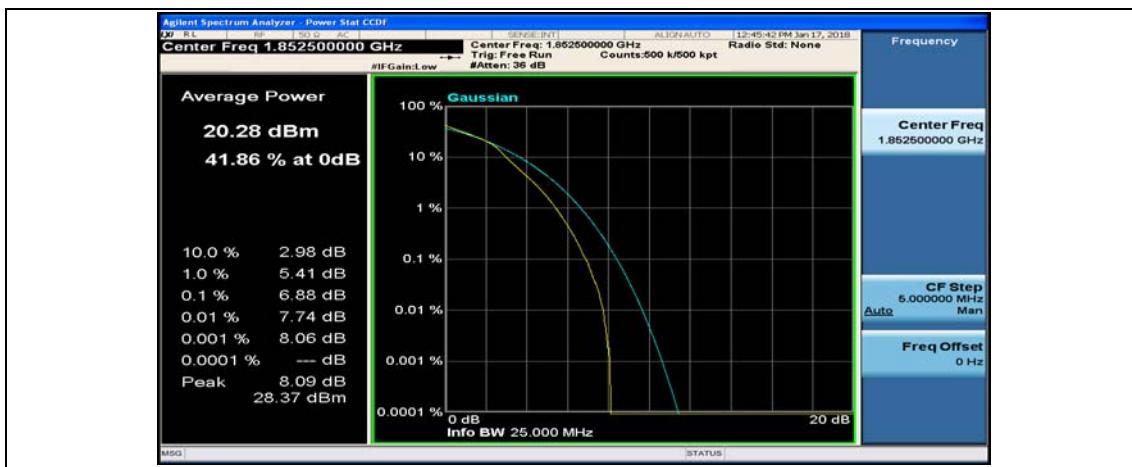












(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_1RB#24

