

## 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	23.26	PASS
		1	3	23.31	PASS
		1	5	23.3	PASS
		3	0	22.09	PASS
		3	2	22.11	PASS
		3	3	22.12	PASS
		6	0	22.36	PASS
	MCH	1	0	23.79	PASS
		1	3	23.6	PASS
		1	5	23.63	PASS
		3	0	22.43	PASS
		3	2	22.39	PASS
		3	3	22.42	PASS
		6	0	22.52	PASS
16QAM	HCH	1	0	22.45	PASS
		1	3	22.39	PASS
		1	5	22.06	PASS
		3	0	22.07	PASS
		3	2	22.61	PASS
		3	3	22.4	PASS
		6	0	21.17	PASS
	LCH	1	0	22.14	PASS
		1	3	22.25	PASS
		1	5	22.16	PASS
		3	0	22.03	PASS
		3	2	22.02	PASS
		3	3	22.02	PASS
		6	0	21.14	PASS
	MCH	1	0	22.93	PASS
		1	3	22.91	PASS
		1	5	22.96	PASS
		3	0	22.57	PASS

		3	2	22.54	PASS
		3	3	22.59	PASS
		6	0	21.58	PASS
HCH		1	0	21.33	PASS
		1	3	21.45	PASS
		1	5	21.74	PASS
		3	0	21.12	PASS
		3	2	21.21	PASS
		3	3	21.40	PASS
		6	0	21.29	PASS

### Channel Bandwidth: 3 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.74	PASS
		1	7	22.66	PASS
		1	14	22.80	PASS
		8	0	22.27	PASS
		8	4	22.29	PASS
		8	7	22.32	PASS
		15	0	22.18	PASS
	MCH	1	0	23.57	PASS
		1	7	23.34	PASS
		1	14	23.30	PASS
		8	0	22.49	PASS
		8	4	22.42	PASS
		8	7	22.41	PASS
		15	0	22.39	PASS
16QAM	HCH	1	0	22.17	PASS
		1	7	22.13	PASS
		1	14	22.23	PASS
		8	0	21.77	PASS
		8	4	21.81	PASS
		8	7	21.97	PASS
		15	0	21.83	PASS
	LCH	1	0	22.16	PASS
		1	7	22.17	PASS
		1	14	22.26	PASS
		8	0	21.19	PASS
		8	4	21.23	PASS
		8	7	21.23	PASS
		15	0	21.06	PASS

	MCH	1	0	22.93	PASS
		1	7	22.77	PASS
		1	14	22.77	PASS
		8	0	21.57	PASS
		8	4	21.50	PASS
		8	7	21.52	PASS
		15	0	21.50	PASS
	HCH	1	0	21.07	PASS
		1	7	21.08	PASS
		1	14	21.47	PASS
		8	0	20.91	PASS
		8	4	20.94	PASS
		8	7	20.84	PASS
		15	0	20.97	PASS

### Channel Bandwidth: 5 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.70	PASS
		1	12	22.57	PASS
		1	24	22.91	PASS
		12	0	22.08	PASS
		12	6	22.06	PASS
		12	13	22.25	PASS
		25	0	22.19	PASS
	MCH	1	0	23.42	PASS
		1	12	23.07	PASS
		1	24	23.33	PASS
		12	0	22.04	PASS
		12	6	21.99	PASS
		12	13	22.12	PASS
		25	0	22.05	PASS
	HCH	1	0	22.02	PASS
		1	12	22.18	PASS
		1	24	22.43	PASS
		12	0	21.59	PASS
		12	6	21.52	PASS
		12	13	21.75	PASS
		25	0	21.58	PASS
16QAM	LCH	1	0	22.17	PASS
		1	12	22.01	PASS
		1	24	22.41	PASS

		12	0	21.19	PASS
		12	6	21.23	PASS
		12	13	21.29	PASS
		25	0	21.17	PASS
MCH	MCH	1	0	22.66	PASS
		1	12	22.37	PASS
		1	24	22.69	PASS
		12	0	21.23	PASS
		12	6	21.24	PASS
		12	13	21.38	PASS
		25	0	21.17	PASS
HCH	HCH	1	0	21.10	PASS
		1	12	21.09	PASS
		1	24	21.57	PASS
		12	0	20.75	PASS
		12	6	20.70	PASS
		12	13	20.92	PASS
		25	0	20.77	PASS

### Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.30	PASS
		1	24	22.56	PASS
		1	49	22.47	PASS
		25	0	22.10	PASS
		25	12	22.14	PASS
		25	25	22.15	PASS
		50	0	22.19	PASS
	MCH	1	0	22.94	PASS
		1	24	23.10	PASS
		1	49	22.64	PASS
		25	0	21.99	PASS
		25	12	22.04	PASS
		25	25	22.00	PASS
		50	0	21.94	PASS
	HCH	1	0	22.15	PASS
		1	24	22.11	PASS
		1	49	22.11	PASS
		25	0	21.27	PASS
		25	12	21.01	PASS
		25	25	21.19	PASS

		50	0	21.08	PASS
16QAM	LCH	1	0	21.80	PASS
		1	24	22.08	PASS
		1	49	21.95	PASS
		25	0	21.19	PASS
		25	12	21.27	PASS
		25	25	21.32	PASS
		50	0	21.28	PASS
	MCH	1	0	22.33	PASS
		1	24	22.56	PASS
		1	49	22.17	PASS
		25	0	21.13	PASS
		25	12	21.19	PASS
		25	25	21.14	PASS
		50	0	21.11	PASS
	HCH	1	0	21.54	PASS
		1	24	21.14	PASS
		1	49	21.05	PASS
		25	0	20.43	PASS
		25	12	20.80	PASS
		25	25	20.92	PASS
		50	0	20.58	PASS

### Channel Bandwidth: 15 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.55	PASS
		1	37	22.63	PASS
		1	74	22.82	PASS
		37	0	22.09	PASS
		37	18	22.14	PASS
		37	38	22.19	PASS
		75	0	22.20	PASS
	MCH	1	0	23.17	PASS
		1	37	23.08	PASS
		1	74	22.97	PASS
		37	0	22.04	PASS
		37	18	22.01	PASS
		37	38	22.05	PASS
		75	0	22.02	PASS
	HCH	1	0	22.95	PASS
		1	37	22.77	PASS

		1	74	22.19	PASS
		37	0	21.88	PASS
		37	18	21.43	PASS
		37	38	21.03	PASS
		75	0	21.55	PASS
16QAM	LCH	1	0	22.03	PASS
		1	37	22.07	PASS
		1	74	22.28	PASS
		37	0	21.27	PASS
		37	18	21.28	PASS
		37	38	21.32	PASS
		75	0	21.31	PASS
	MCH	1	0	22.45	PASS
		1	37	22.43	PASS
		1	74	22.37	PASS
		37	0	21.14	PASS
		37	18	21.17	PASS
		37	38	21.20	PASS
		75	0	21.12	PASS
	HCH	1	0	22.32	PASS
		1	37	21.36	PASS
		1	74	21.19	PASS
		37	0	21.04	PASS
		37	18	20.64	PASS
		37	38	20.97	PASS
		75	0	20.75	PASS

### Channel Bandwidth: 20 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.75	PASS
		1	49	22.83	PASS
		1	99	23.79	PASS
		50	0	22.16	PASS
		50	25	22.15	PASS
		50	50	22.28	PASS
		100	0	22.25	PASS
	MCH	1	0	23.87	PASS
		1	49	23.18	PASS
		1	99	23.12	PASS
		50	0	22.99	PASS
		50	25	21.99	PASS

	HCH	50	50	22.03	PASS
		100	0	22.03	PASS
		1	0	23.71	PASS
		1	49	22.14	PASS
		1	99	22.18	PASS
		50	0	22.25	PASS
		50	25	21.68	PASS
		50	50	21.24	PASS
16QAM	LCH	100	0	21.88	PASS
		1	0	22.12	PASS
		1	49	22.15	PASS
		1	99	22.59	PASS
		50	0	21.28	PASS
		50	25	21.28	PASS
		50	50	21.40	PASS
	MCH	100	0	21.37	PASS
		1	0	22.69	PASS
		1	49	22.56	PASS
		1	99	22.55	PASS
		50	0	21.19	PASS
		50	25	21.16	PASS
		50	50	21.23	PASS
	HCH	100	0	21.16	PASS
		1	0	22.41	PASS
		1	49	21.56	PASS
		1	99	21.07	PASS
		50	0	21.42	PASS
		50	25	20.86	PASS
		50	50	20.48	PASS
		100	0	21.04	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	2.27	<13	PASS
		1	3	2.31	<13	PASS
		1	5	2.28	<13	PASS
		3	0	2.33	<13	PASS
		3	2	2.35	<13	PASS
		3	3	2.35	<13	PASS
		6	0	3.02	<13	PASS
	MCH	1	0	4.23	<13	PASS
		1	3	4.15	<13	PASS
		1	5	3.99	<13	PASS
		3	0	4.68	<13	PASS
		3	2	4.68	<13	PASS
		3	3	4.73	<13	PASS
		6	0	5.42	<13	PASS
	HCH	1	0	3.43	<13	PASS
		1	3	2.21	<13	PASS
		1	5	2.18	<13	PASS
		3	0	3.33	<13	PASS
		3	2	2.35	<13	PASS
		3	3	2.4	<13	PASS
		6	0	4.73	<13	PASS
16QAM	LCH	1	0	3.19	<13	PASS
		1	3	3.14	<13	PASS
		1	5	3.19	<13	PASS
		3	0	3.39	<13	PASS
		3	2	3.34	<13	PASS
		3	3	3.39	<13	PASS
		6	0	4.1	<13	PASS
	MCH	1	0	4.96	<13	PASS
		1	3	5.04	<13	PASS
		1	5	4.96	<13	PASS
		3	0	5.5	<13	PASS

		3	2	5.5	<13	PASS
		3	3	5.46	<13	PASS
		6	0	6.29	<13	PASS
HCH		1	0	4.34	<13	PASS
		1	3	4.23	<13	PASS
		1	5	3.53	<13	PASS
		3	0	4.78	<13	PASS
		3	2	4.66	<13	PASS
		3	3	4.44	<13	PASS
		6	0	5.69	<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	2.32	<13	PASS
		1	7	2.49	<13	PASS
		1	14	2.51	<13	PASS
		8	0	3.07	<13	PASS
		8	4	3.12	<13	PASS
		8	7	3.14	<13	PASS
		15	0	3.24	<13	PASS
	MCH	1	0	4.04	<13	PASS
		1	7	4	<13	PASS
		1	14	3.98	<13	PASS
		8	0	5.58	<13	PASS
		8	4	5.64	<13	PASS
		8	7	5.53	<13	PASS
		15	0	5.7	<13	PASS
	HCH	1	0	3.91	<13	PASS
		1	7	4.04	<13	PASS
		1	14	2.3	<13	PASS
		8	0	5.08	<13	PASS
		8	4	5.07	<13	PASS
		8	7	4.87	<13	PASS
		15	0	5.1	<13	PASS
16QAM	LCH	1	0	3.12	<13	PASS
		1	7	3.18	<13	PASS
		1	14	3.28	<13	PASS
		8	0	4.07	<13	PASS
		8	4	4.07	<13	PASS

		8	7	4.14	<13	PASS
		15	0	4.23	<13	PASS
MCH	1	0	4.87	<13	PASS	
	1	7	4.92	<13	PASS	
	1	14	4.95	<13	PASS	
	8	0	6.2	<13	PASS	
	8	4	6.21	<13	PASS	
	8	7	6.2	<13	PASS	
	15	0	6.44	<13	PASS	
HCH	1	0	4.48	<13	PASS	
	1	7	4.47	<13	PASS	
	1	14	3.72	<13	PASS	
	8	0	5.94	<13	PASS	
	8	4	5.93	<13	PASS	
	8	7	5.74	<13	PASS	
	15	0	5.88	<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	2.43	<13	PASS
		1	12	2.69	<13	PASS
		1	24	2.55	<13	PASS
		12	0	3.34	<13	PASS
		12	6	3.41	<13	PASS
		12	13	3.32	<13	PASS
		25	0	3.31	<13	PASS
	MCH	1	0	4.11	<13	PASS
		1	12	4.28	<13	PASS
		1	24	4.24	<13	PASS
		12	0	5.69	<13	PASS
		12	6	5.66	<13	PASS
		12	13	5.64	<13	PASS
		25	0	5.81	<13	PASS
	HCH	1	0	3.6	<13	PASS
		1	12	4.02	<13	PASS
		1	24	2.19	<13	PASS
		12	0	5.33	<13	PASS
		12	6	5.35	<13	PASS
		12	13	5.16	<13	PASS

		25	0	5.33	<13	PASS
16QAM	LCH	1	0	3.14	<13	PASS
		1	12	3.38	<13	PASS
		1	24	3.3	<13	PASS
		12	0	4.16	<13	PASS
		12	6	4.21	<13	PASS
		12	13	4.25	<13	PASS
		25	0	4.23	<13	PASS
	MCH	1	0	4.99	<13	PASS
		1	12	5.07	<13	PASS
		1	24	4.93	<13	PASS
		12	0	6.44	<13	PASS
		12	6	6.44	<13	PASS
		12	13	6.46	<13	PASS
		25	0	6.53	<13	PASS
	HCH	1	0	4.43	<13	PASS
		1	12	4.7	<13	PASS
		1	24	3.43	<13	PASS
		12	0	5.98	<13	PASS
		12	6	6.07	<13	PASS
		12	13	5.91	<13	PASS
		25	0	6.11	<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	2.67	<13	PASS
		1	24	2.72	<13	PASS
		1	49	3.17	<13	PASS
		25	0	3.37	<13	PASS
		25	12	3.48	<13	PASS
		25	25	3.66	<13	PASS
		50	0	3.47	<13	PASS
	MCH	1	0	4.14	<13	PASS
		1	24	4.04	<13	PASS
		1	49	4.12	<13	PASS
		25	0	5.81	<13	PASS
		25	12	5.76	<13	PASS
		25	25	5.8	<13	PASS
		50	0	5.9	<13	PASS

		1	0	2.83	<13	PASS
		1	24	3.81	<13	PASS
		1	49	3.64	<13	PASS
	HCH	25	0	4.29	<13	PASS
		25	12	4.9	<13	PASS
		25	25	5.21	<13	PASS
		50	0	4.83	<13	PASS
16QAM	LCH	1	0	3.41	<13	PASS
		1	24	3.47	<13	PASS
		1	49	3.97	<13	PASS
		25	0	4.26	<13	PASS
		25	12	4.33	<13	PASS
		25	25	4.47	<13	PASS
		50	0	4.36	<13	PASS
	MCH	1	0	5.37	<13	PASS
		1	24	5.31	<13	PASS
		1	49	5.3	<13	PASS
		25	0	6.64	<13	PASS
		25	12	6.7	<13	PASS
		25	25	6.55	<13	PASS
		50	0	6.64	<13	PASS
	HCH	1	0	3.68	<13	PASS
		1	24	4.47	<13	PASS
		1	49	4.39	<13	PASS
		25	0	5.08	<13	PASS
		25	12	5.64	<13	PASS
		25	25	6.06	<13	PASS
		50	0	5.59	<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	2.53	<13	PASS
		1	37	2.86	<13	PASS
		1	74	3.27	<13	PASS
		37	0	3.48	<13	PASS
		37	18	3.72	<13	PASS
		37	38	4.04	<13	PASS
		75	0	4.25	<13	PASS
	MCH	1	0	4.09	<13	PASS

		1	37	4.31	<13	PASS
		1	74	4.17	<13	PASS
		37	0	5.76	<13	PASS
		37	18	5.82	<13	PASS
		37	38	5.7	<13	PASS
		75	0	6.03	<13	PASS
	HCH	1	0	2.42	<13	PASS
		1	37	3.16	<13	PASS
		1	74	3.63	<13	PASS
		37	0	3.49	<13	PASS
		37	18	4.12	<13	PASS
		37	38	5.04	<13	PASS
		75	0	4.77	<13	PASS
16QAM	LCH	1	0	3.3	<13	PASS
		1	37	3.74	<13	PASS
		1	74	4.15	<13	PASS
		37	0	4.29	<13	PASS
		37	18	4.53	<13	PASS
		37	38	4.81	<13	PASS
		75	0	4.94	<13	PASS
	MCH	1	0	5.02	<13	PASS
		1	37	5.13	<13	PASS
		1	74	4.74	<13	PASS
		37	0	6.59	<13	PASS
		37	18	6.61	<13	PASS
		37	38	6.59	<13	PASS
		75	0	6.67	<13	PASS
	HCH	1	0	3.33	<13	PASS
		1	37	3.9	<13	PASS
		1	74	4.42	<13	PASS
		37	0	4.26	<13	PASS
		37	18	4.8	<13	PASS
		37	38	5.71	<13	PASS
		75	0	5.39	<13	PASS

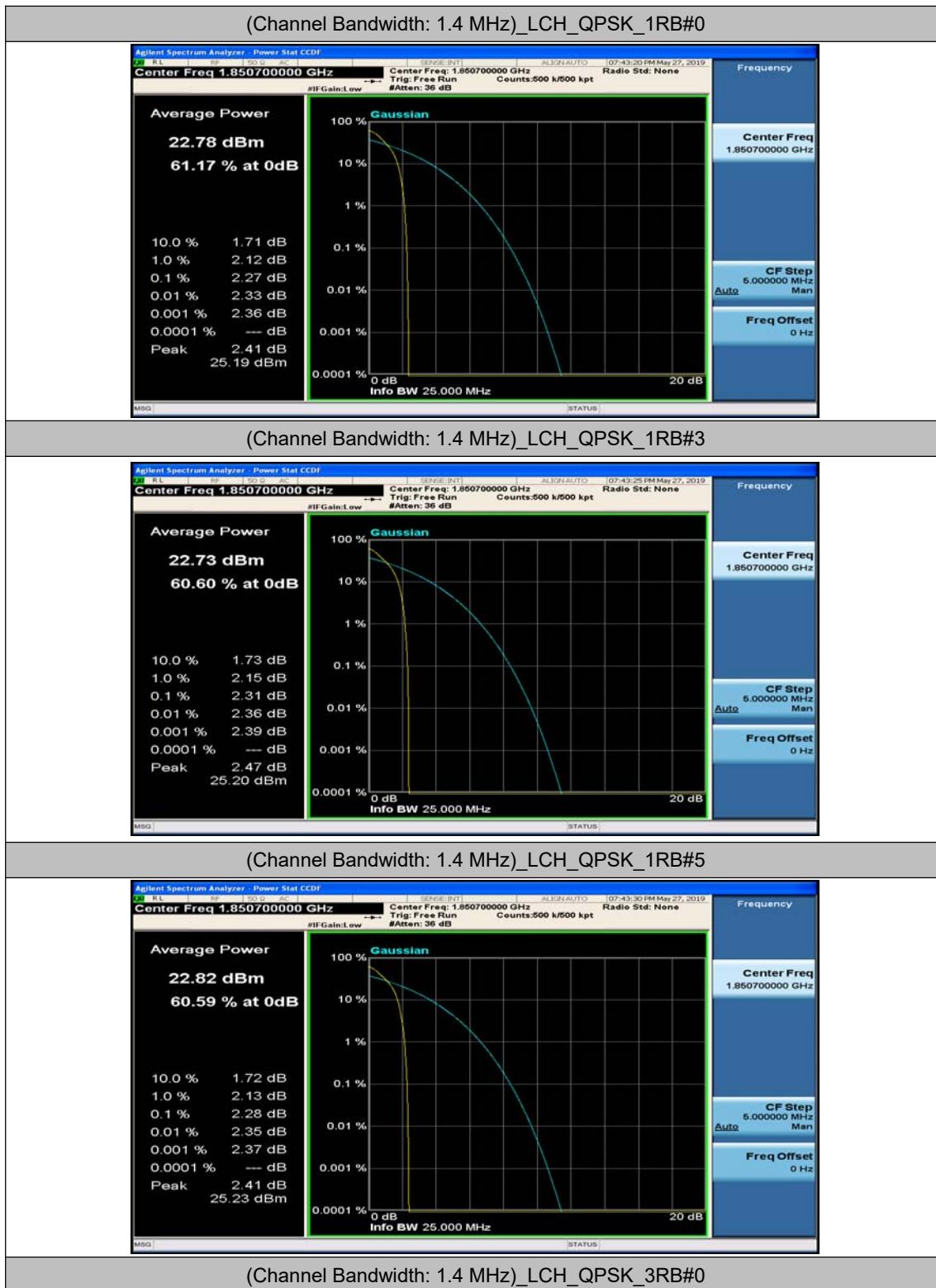
**Channel Bandwidth: 20 MHz**

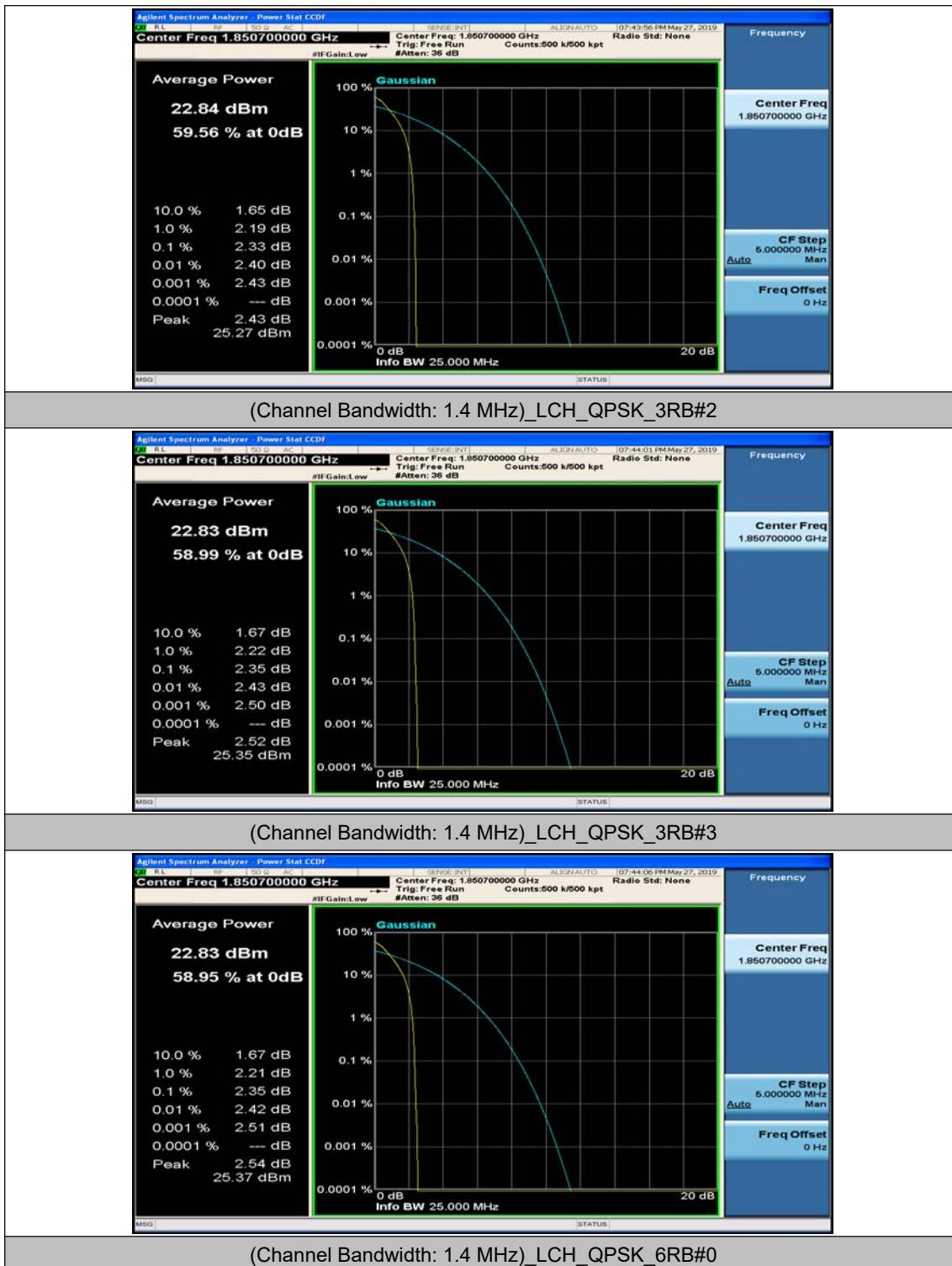
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	2.46	<13	PASS
		1	49	3.01	<13	PASS
		1	99	3.64	<13	PASS
		50	0	3.77	<13	PASS
		50	25	4	<13	PASS
		50	50	4.53	<13	PASS
		100	0	4.59	<13	PASS
	MCH	1	0	3.84	<13	PASS
		1	49	4.49	<13	PASS
		1	99	3.89	<13	PASS
		50	0	5.75	<13	PASS
		50	25	5.88	<13	PASS
		50	50	5.69	<13	PASS
		100	0	5.8	<13	PASS
16QAM	LCH	1	0	3.25	<13	PASS
		1	49	2.7	<13	PASS
		1	99	3.76	<13	PASS
		50	0	3.88	<13	PASS
		50	25	3.82	<13	PASS
		50	50	4.74	<13	PASS
		100	0	4.79	<13	PASS
	MCH	1	0	3.09	<13	PASS
		1	49	3.76	<13	PASS
		1	99	4.31	<13	PASS
		50	0	4.53	<13	PASS
		50	25	4.75	<13	PASS
		50	50	5.32	<13	PASS
		100	0	5.31	<13	PASS
	HCH	1	0	4.76	<13	PASS
		1	49	4.95	<13	PASS
		1	99	4.44	<13	PASS
		50	0	6.47	<13	PASS
		50	25	6.63	<13	PASS
		50	50	6.43	<13	PASS
		100	0	6.55	<13	PASS
	HCH	1	0	4.09	<13	PASS

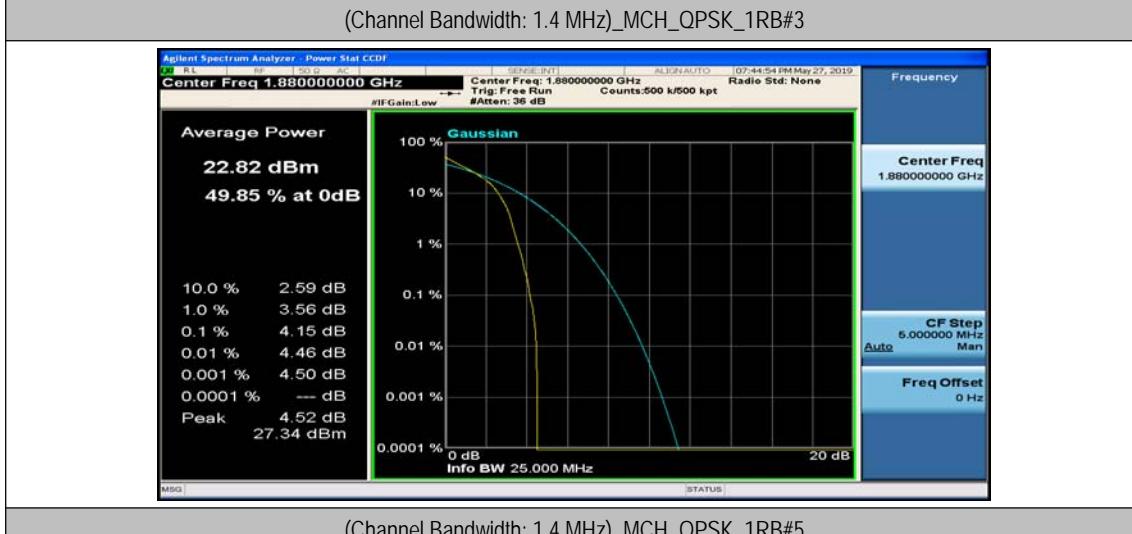
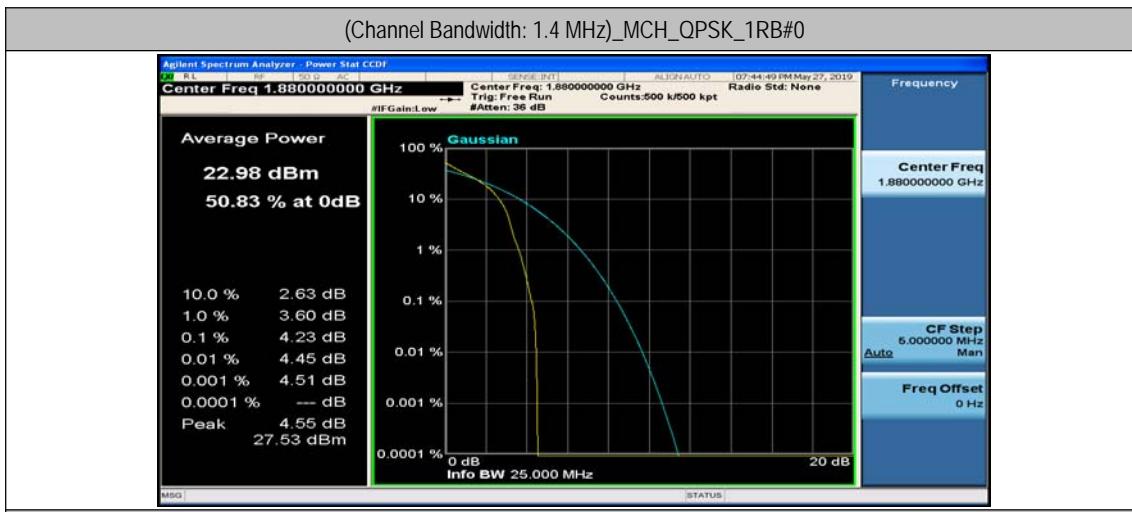
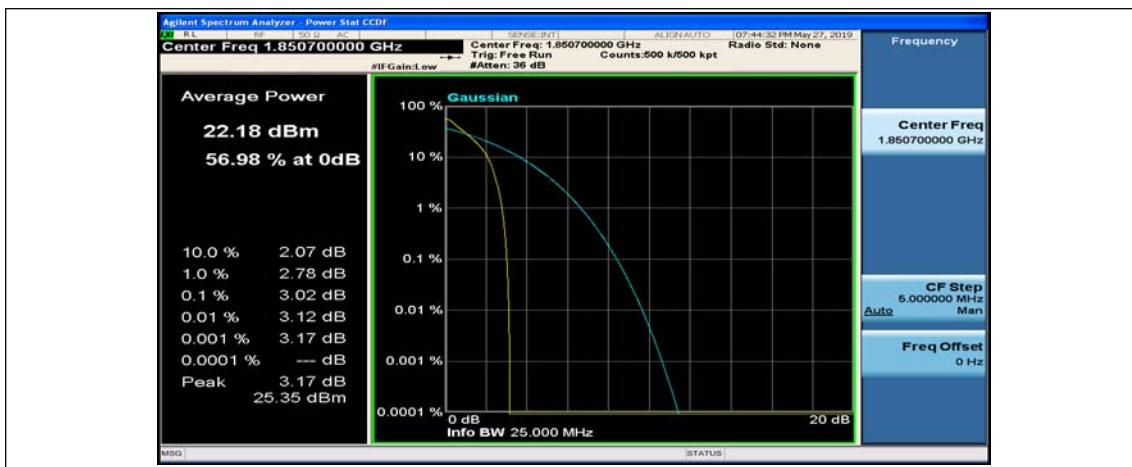
		1	49	3.43	<13	PASS
		1	99	4.49	<13	PASS
		50	0	4.71	<13	PASS
		50	25	4.56	<13	PASS
		50	50	5.47	<13	PASS
		100	0	5.46	<13	PASS

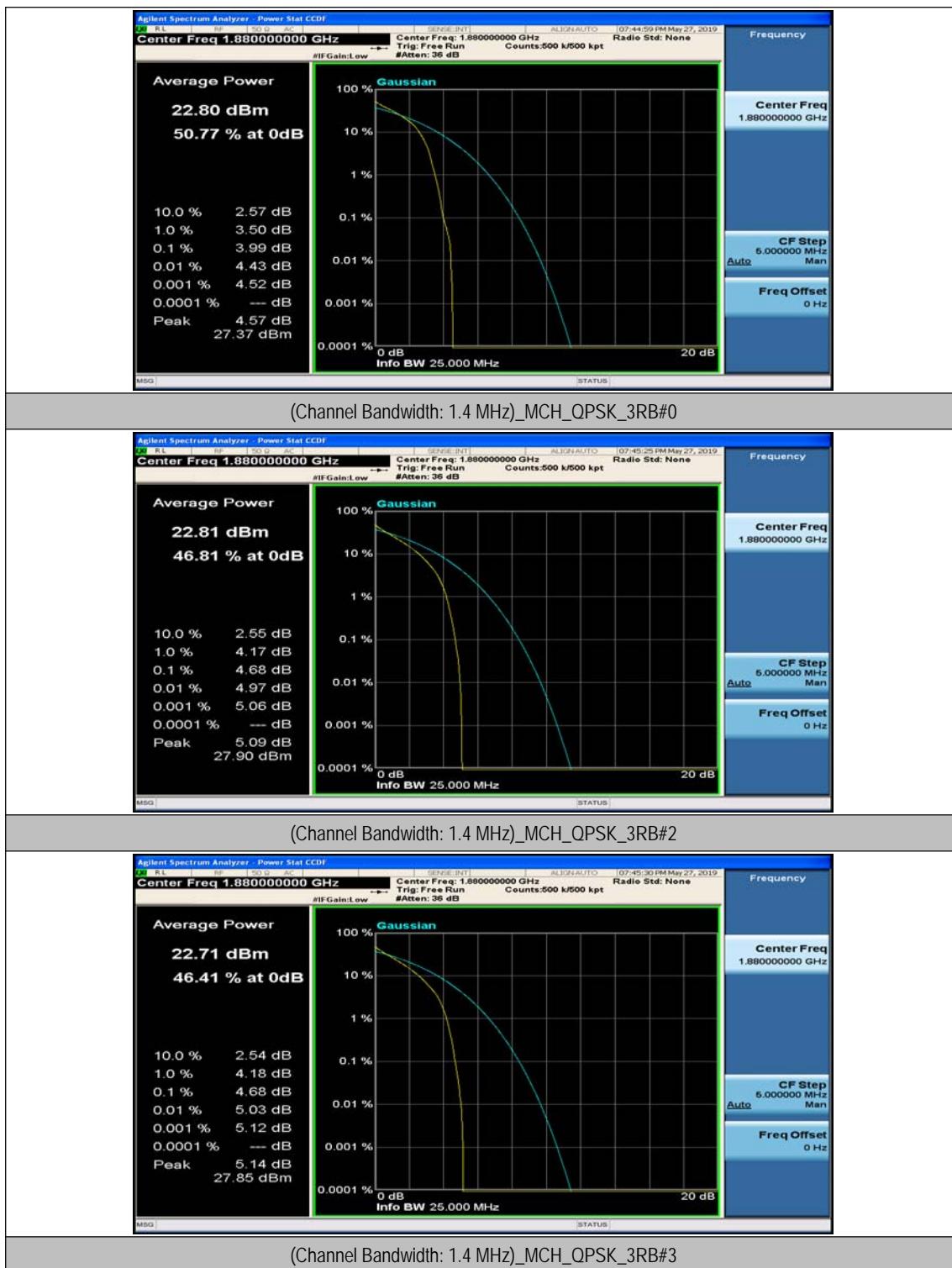
## Test Graphs

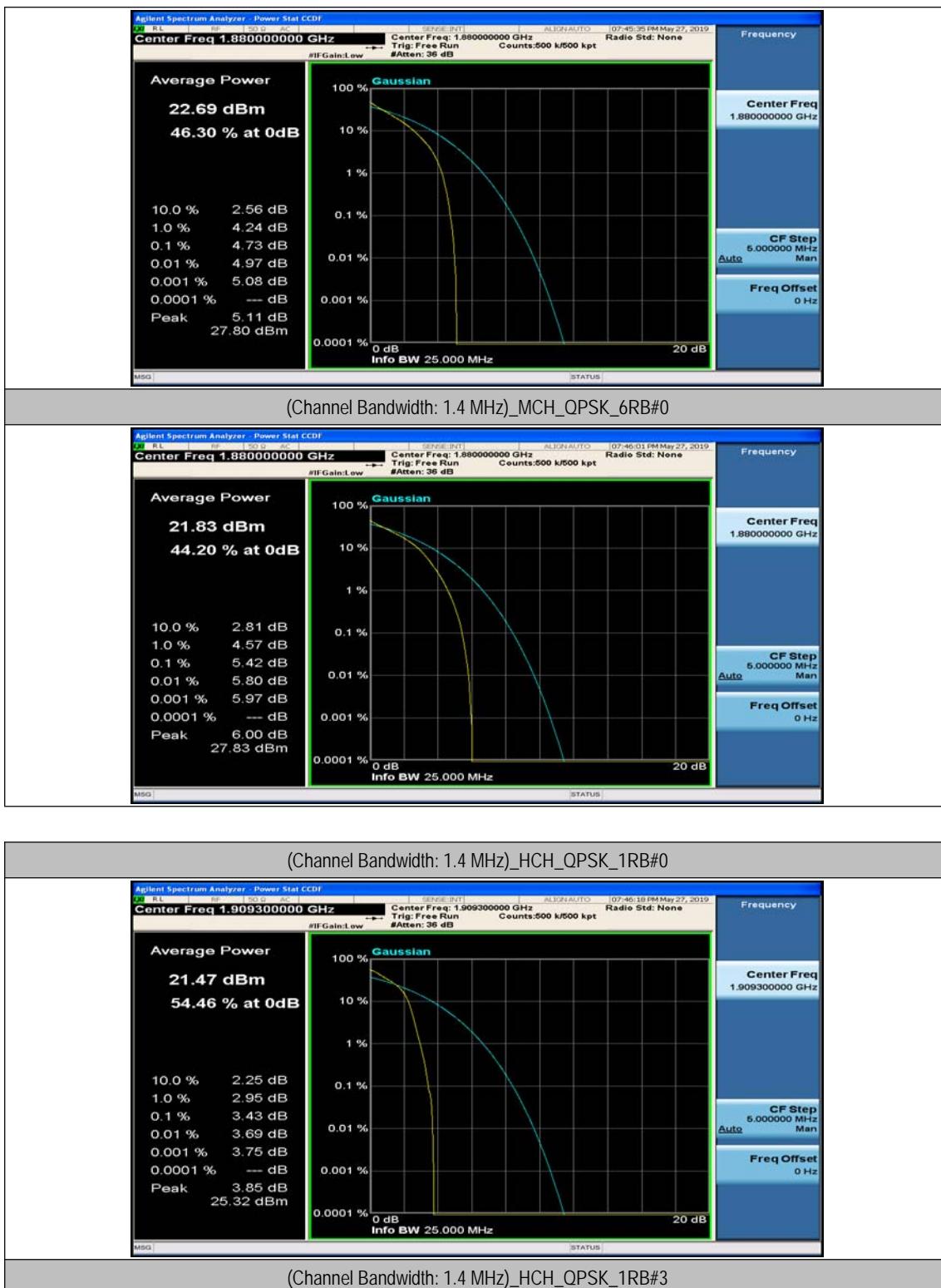
### Channel Bandwidth: 1.4 MHz

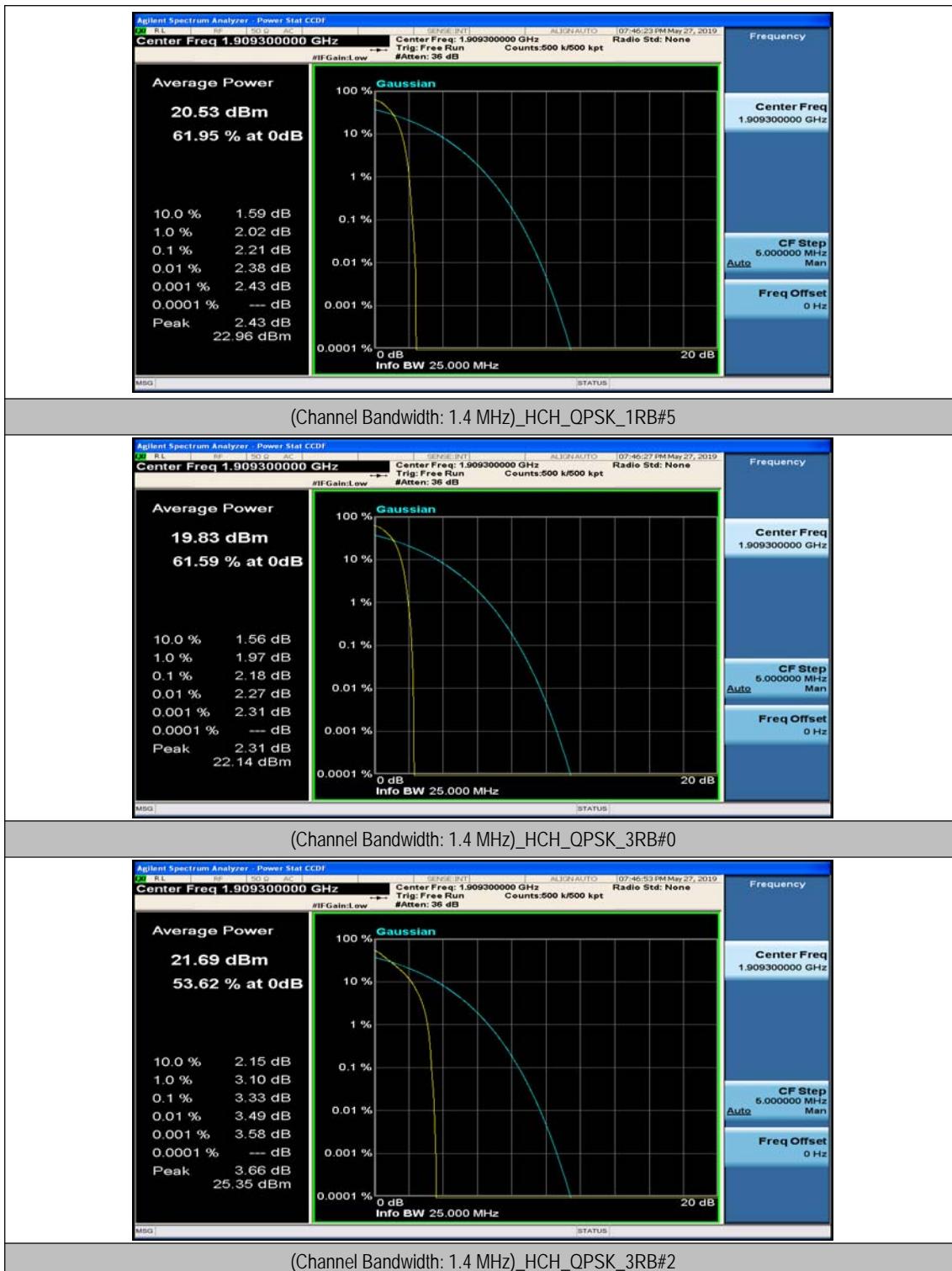


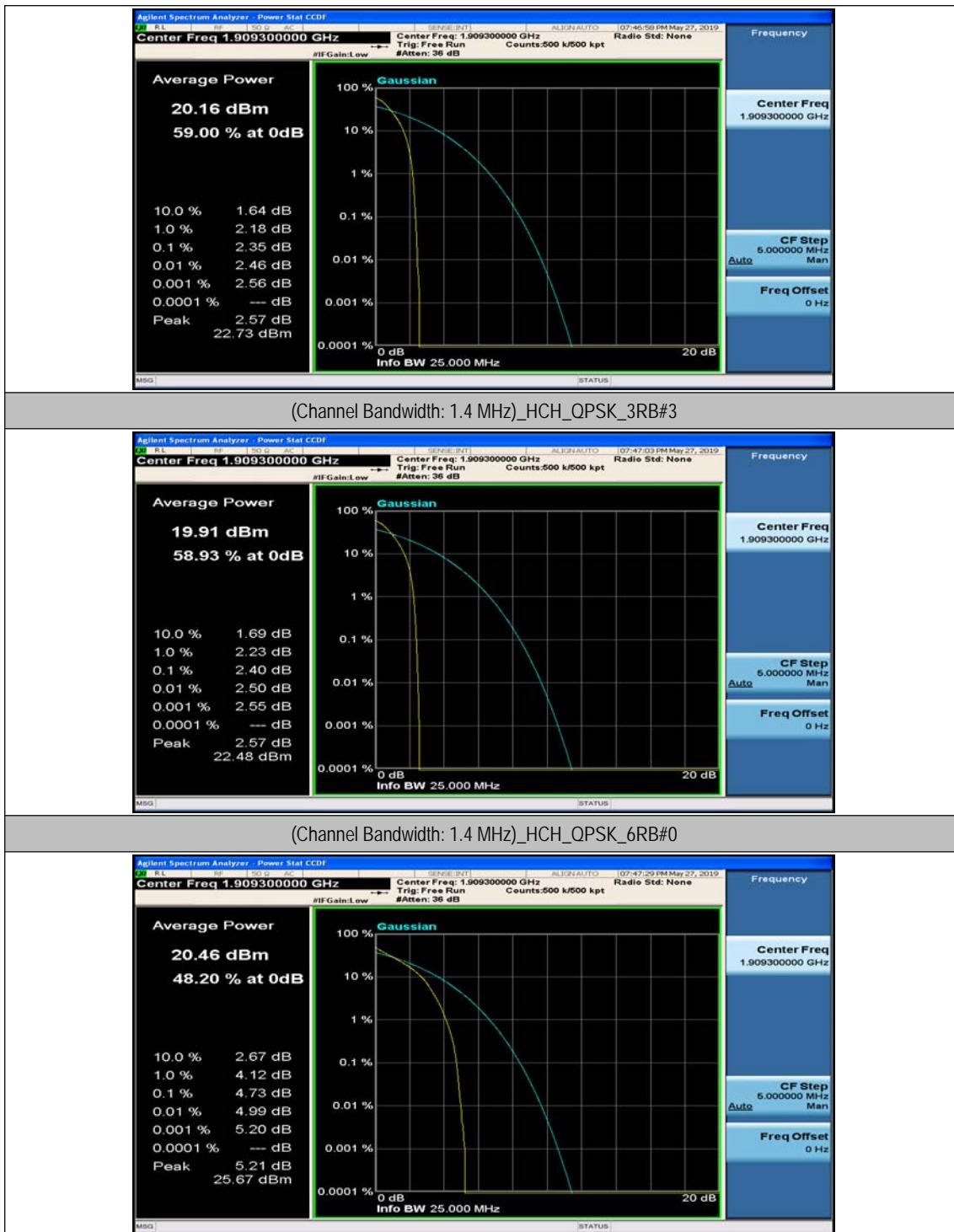


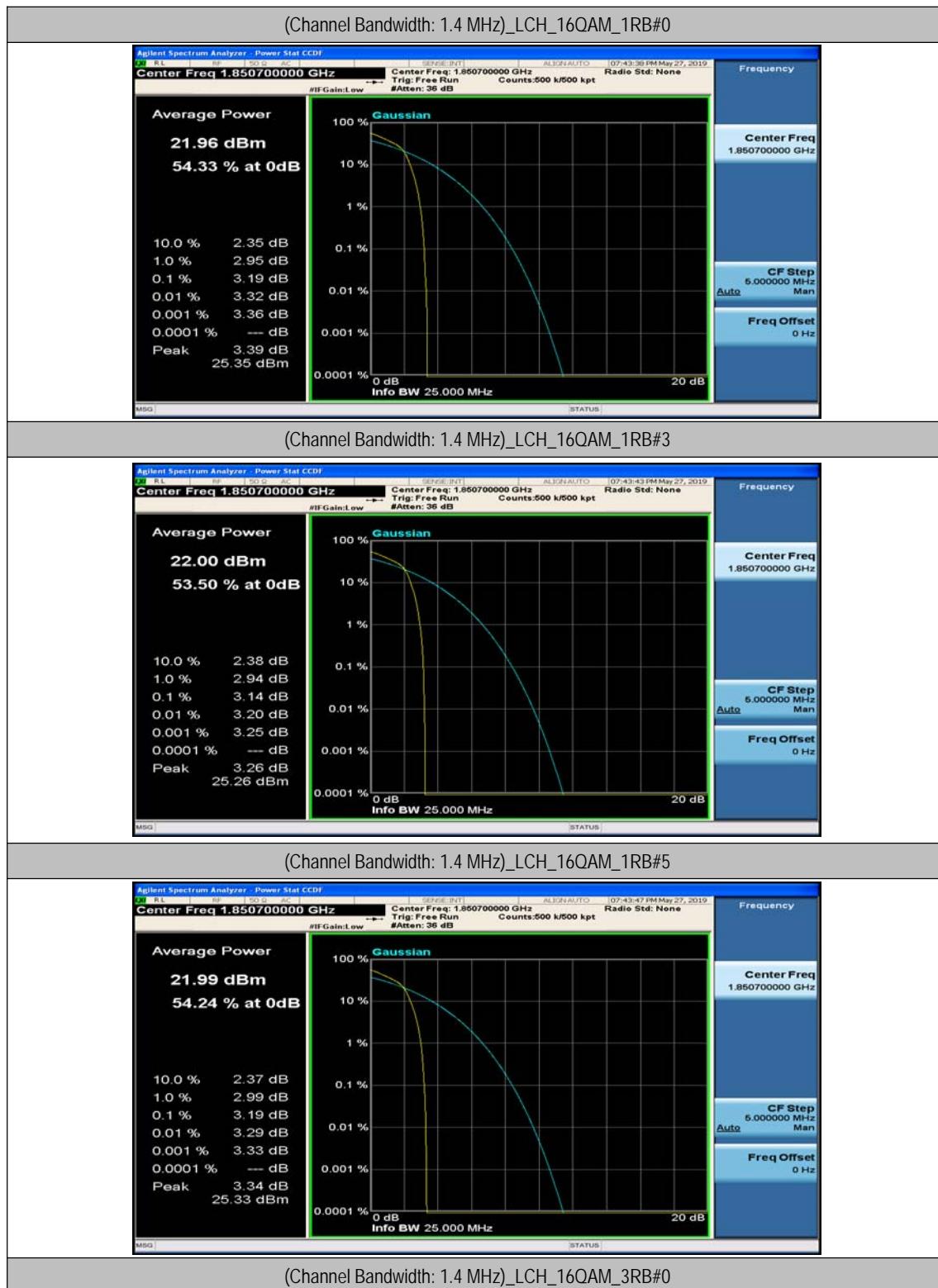


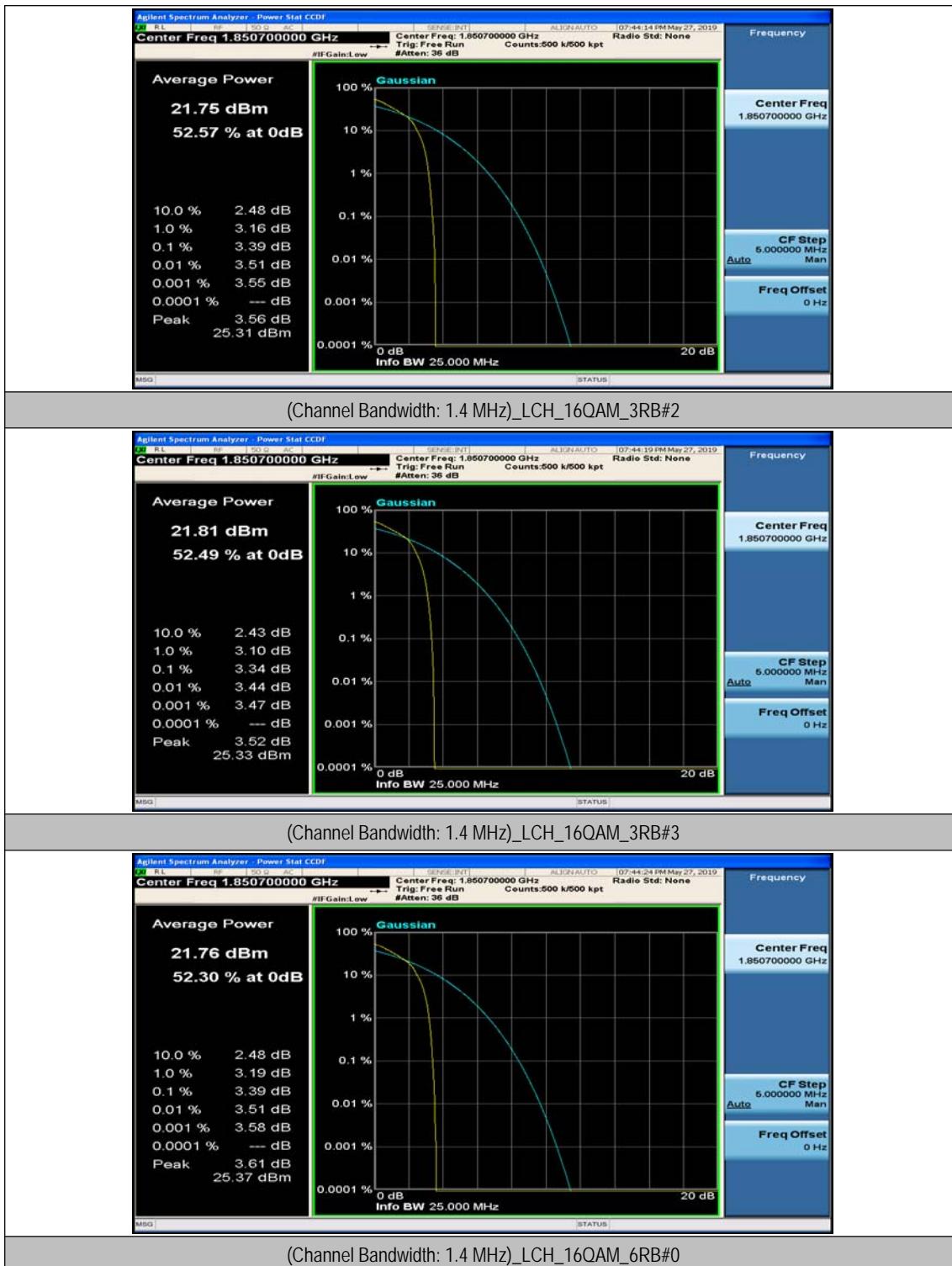


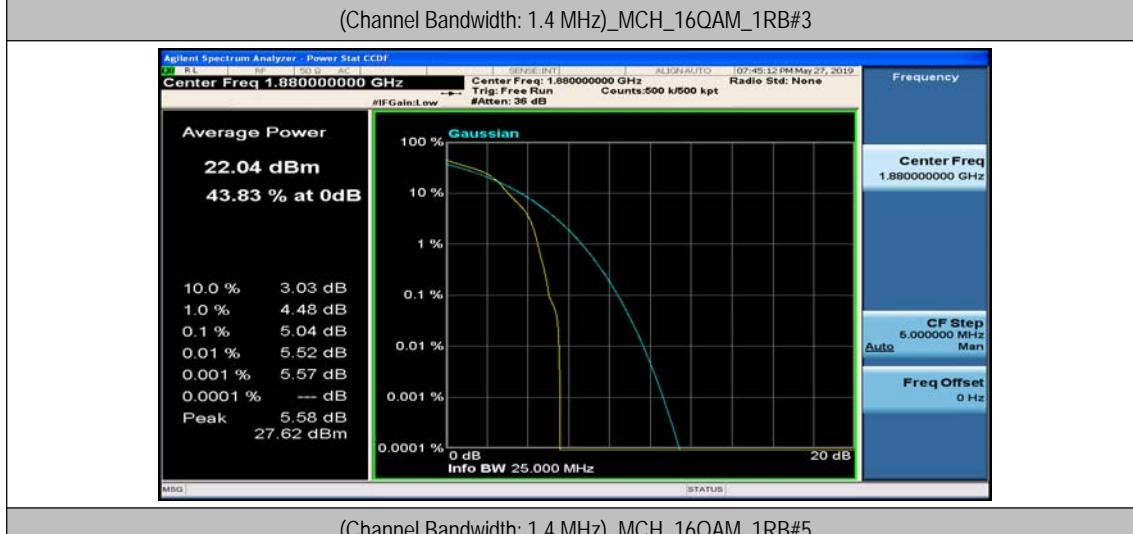
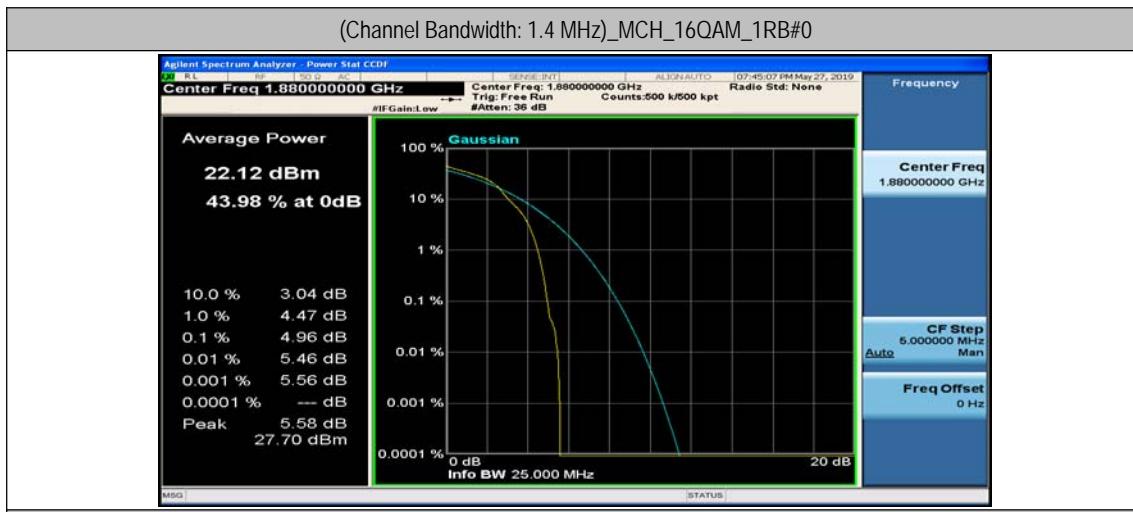
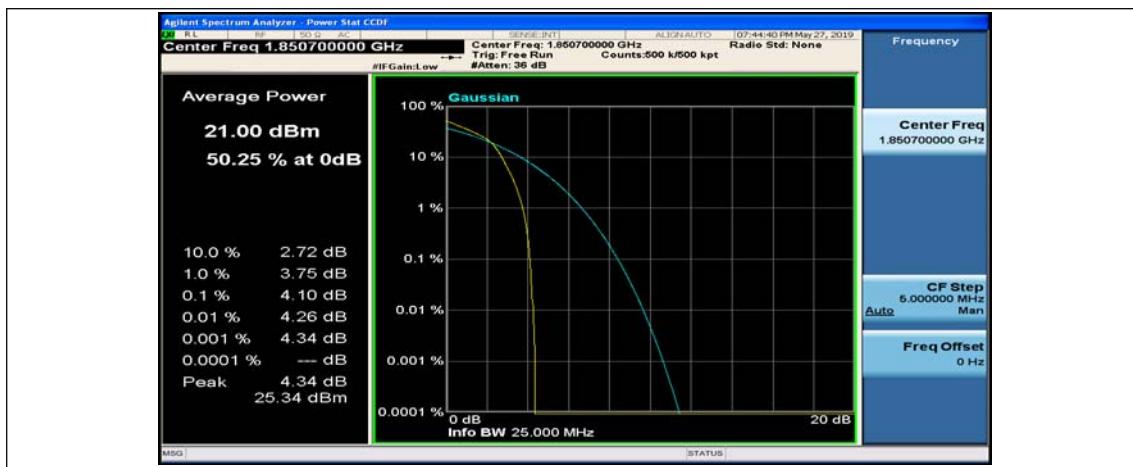


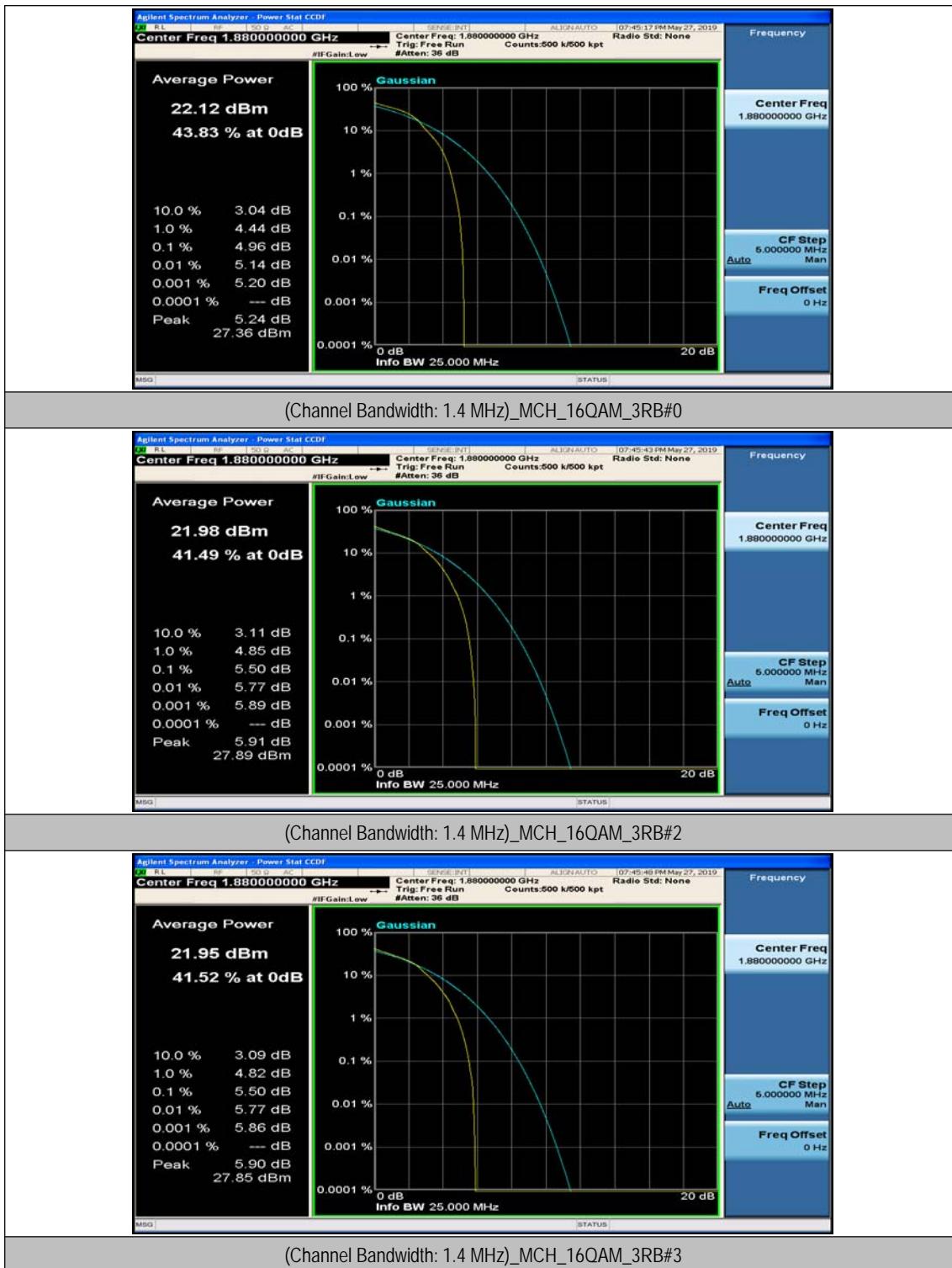


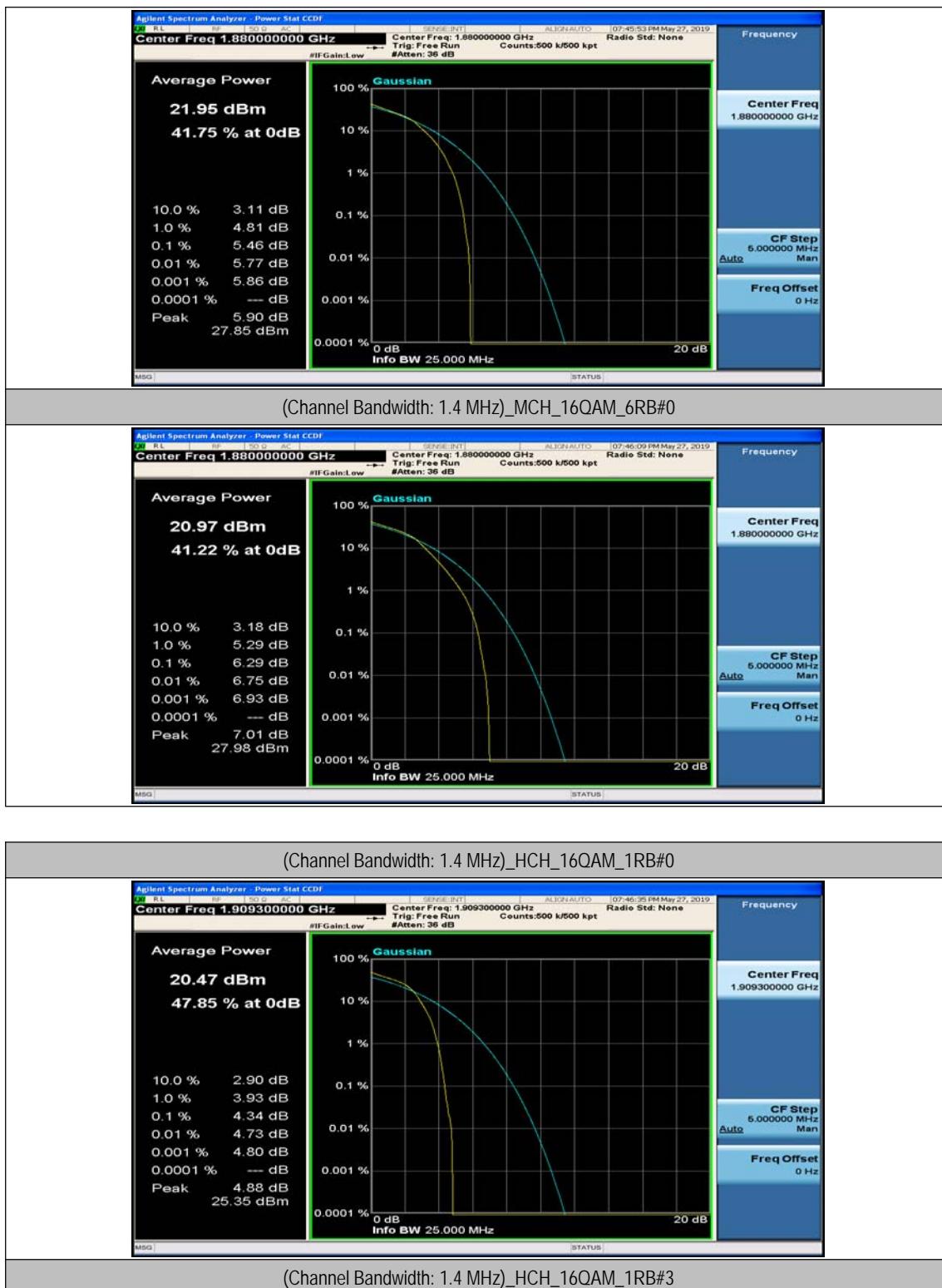


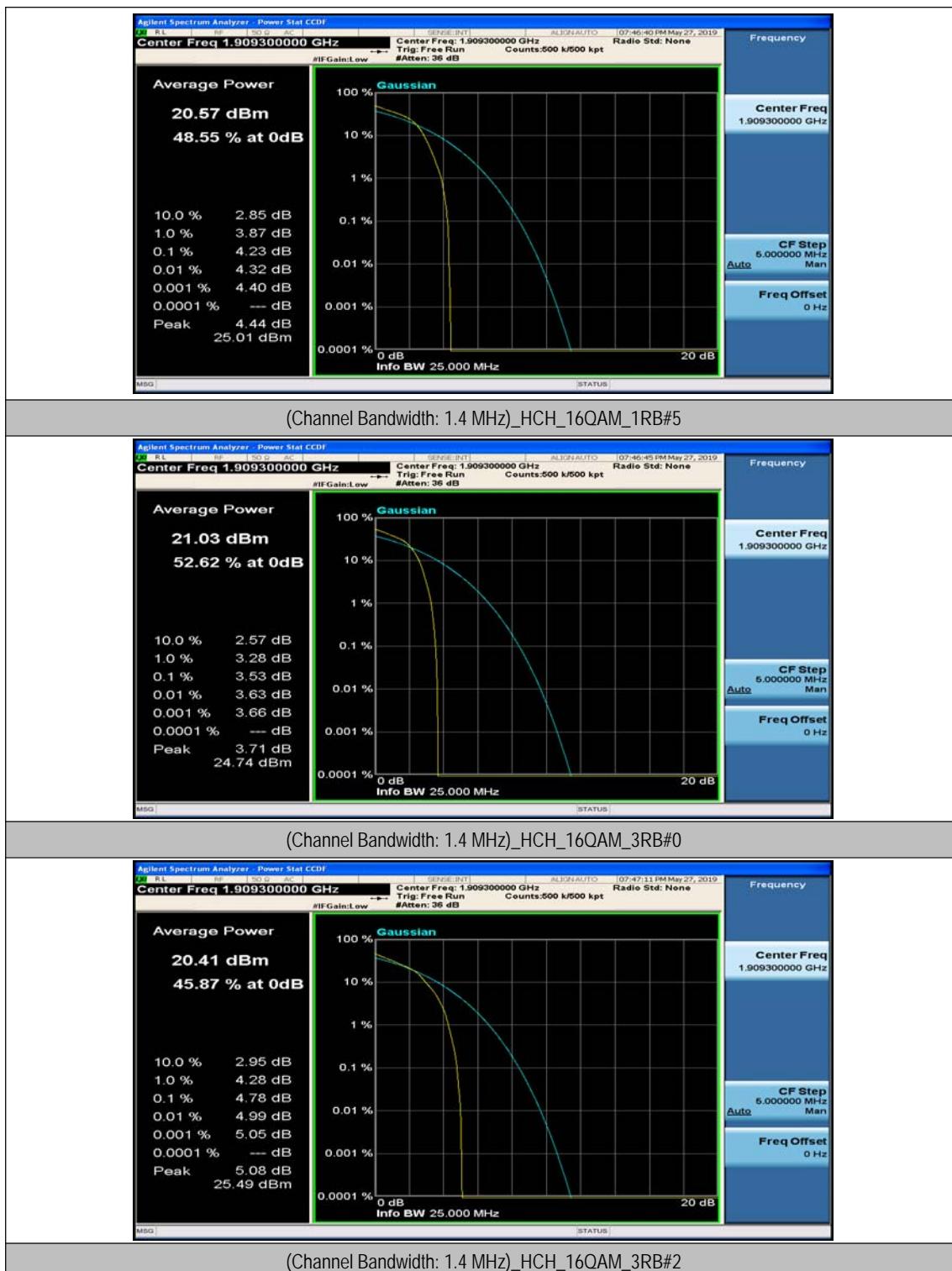


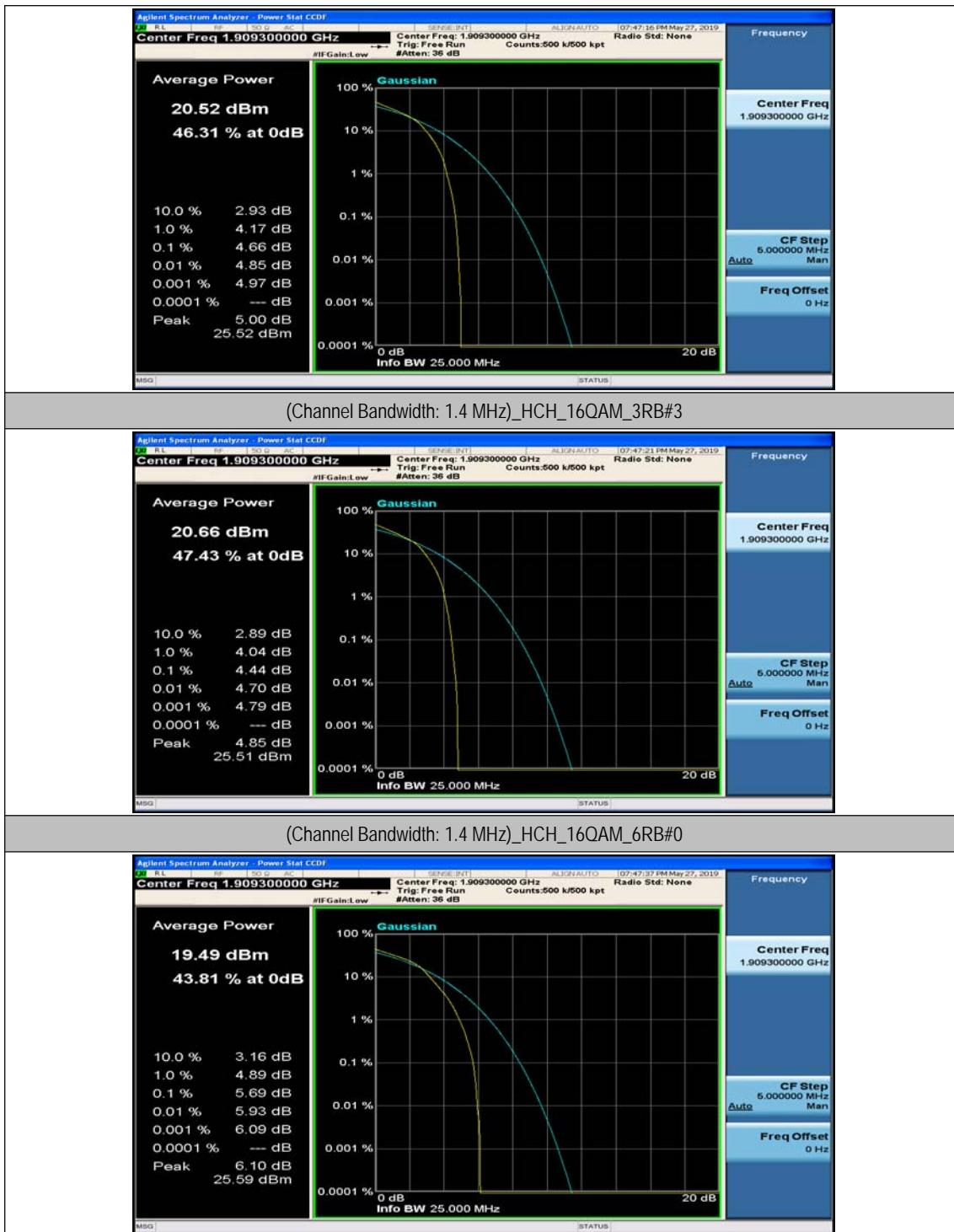




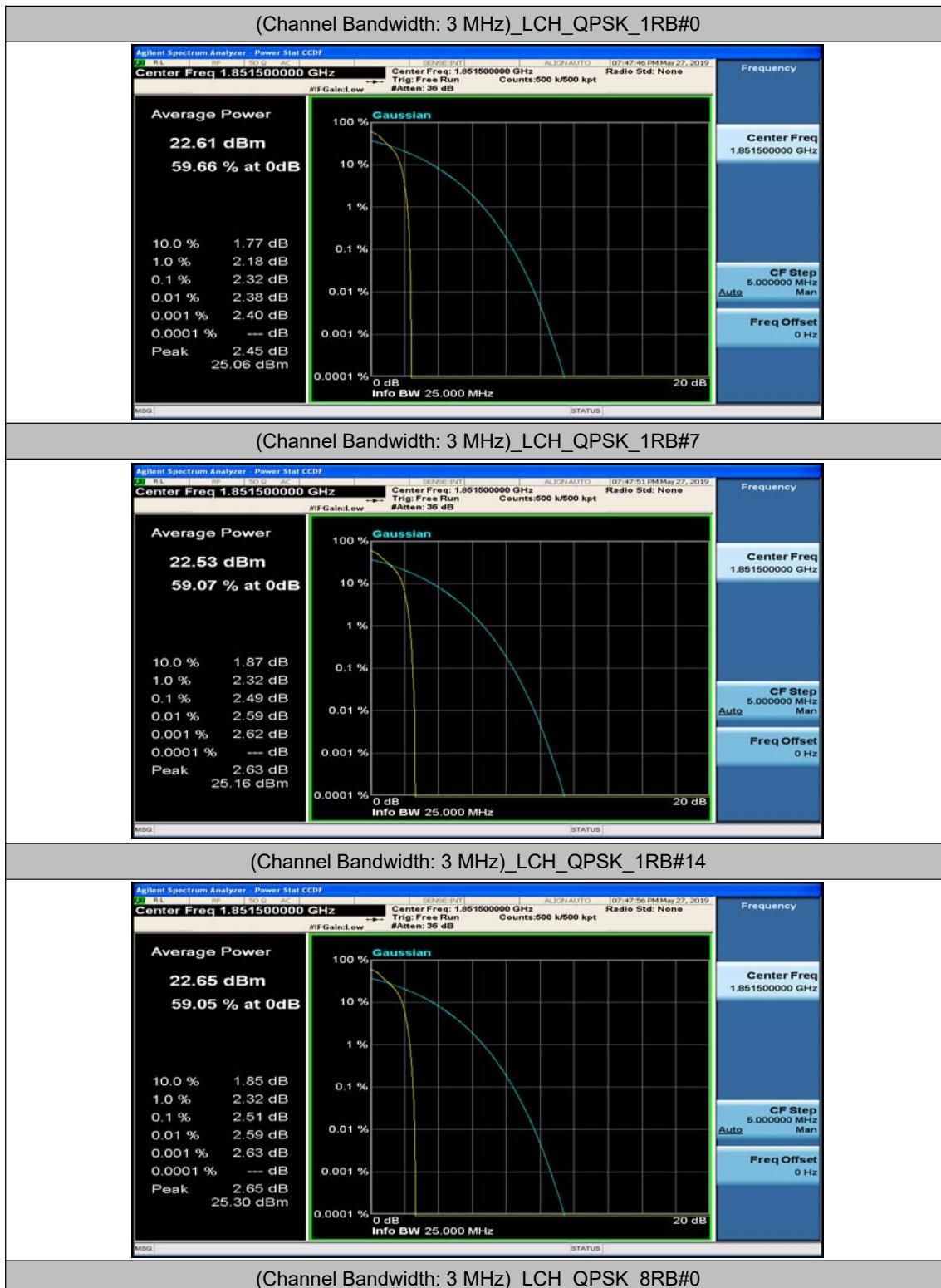


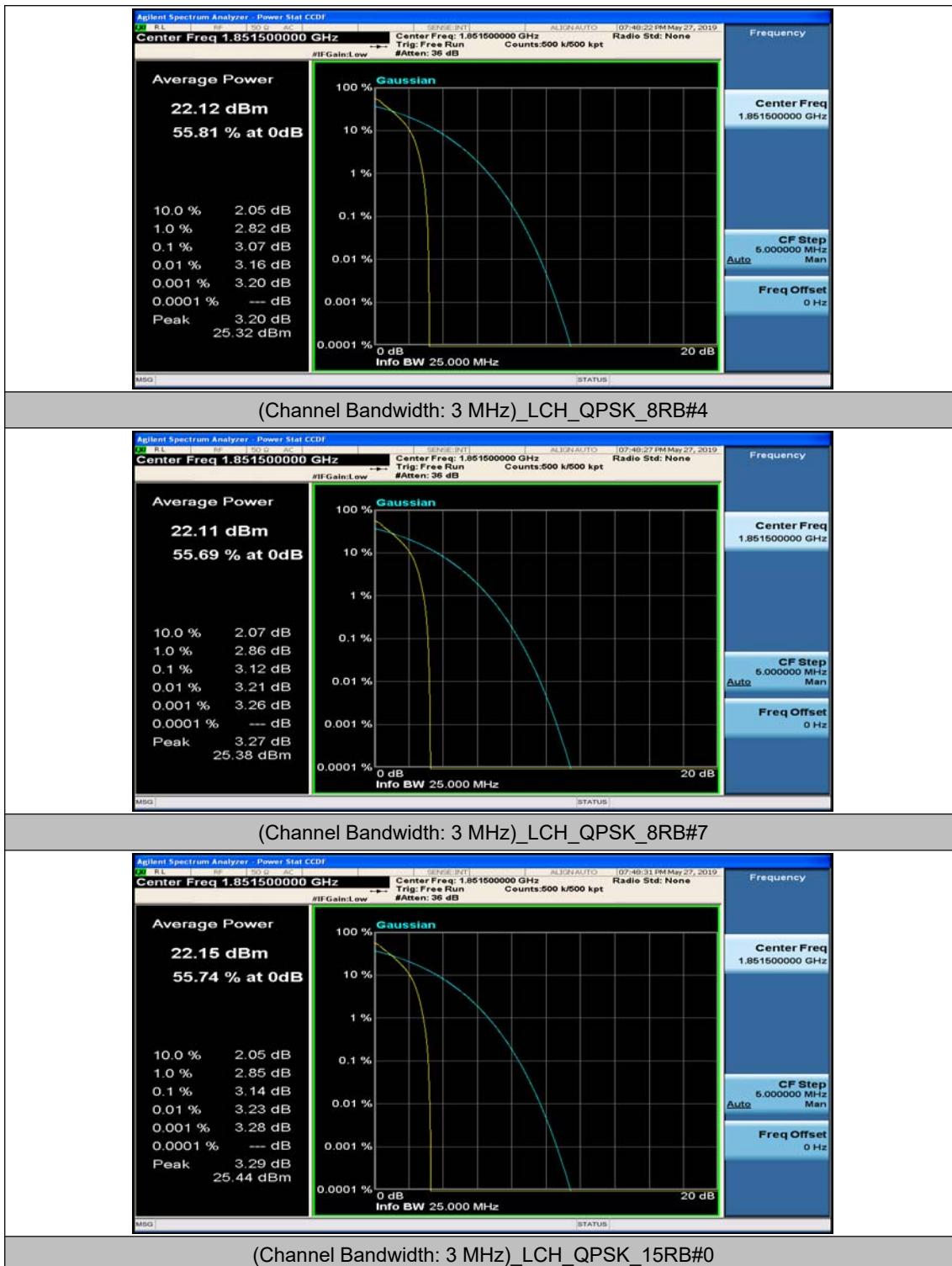


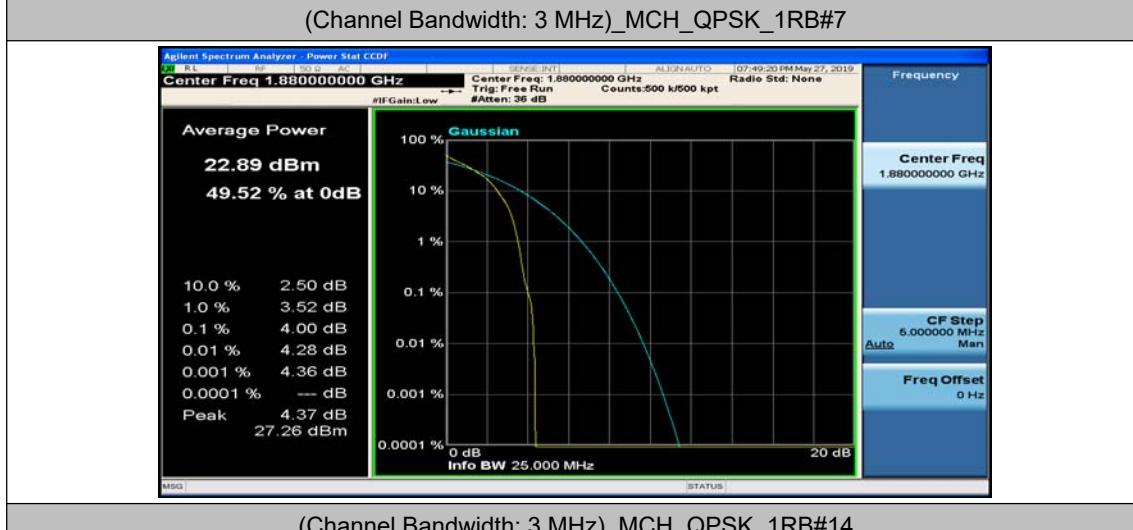
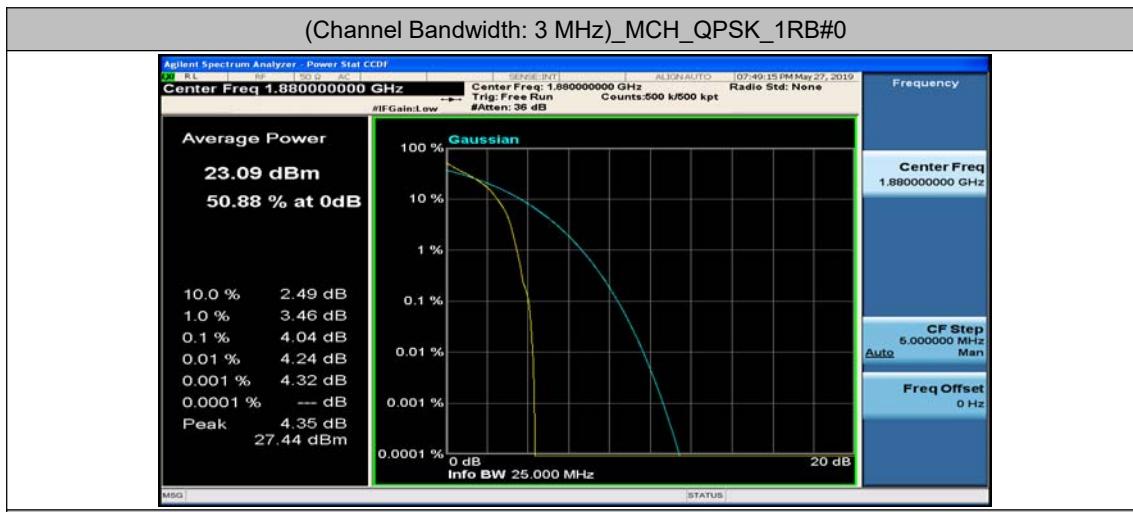
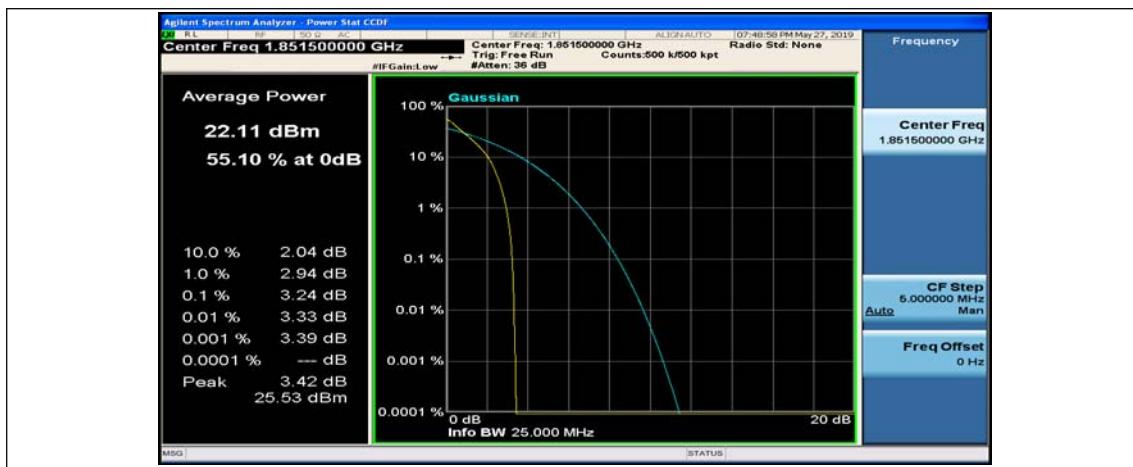




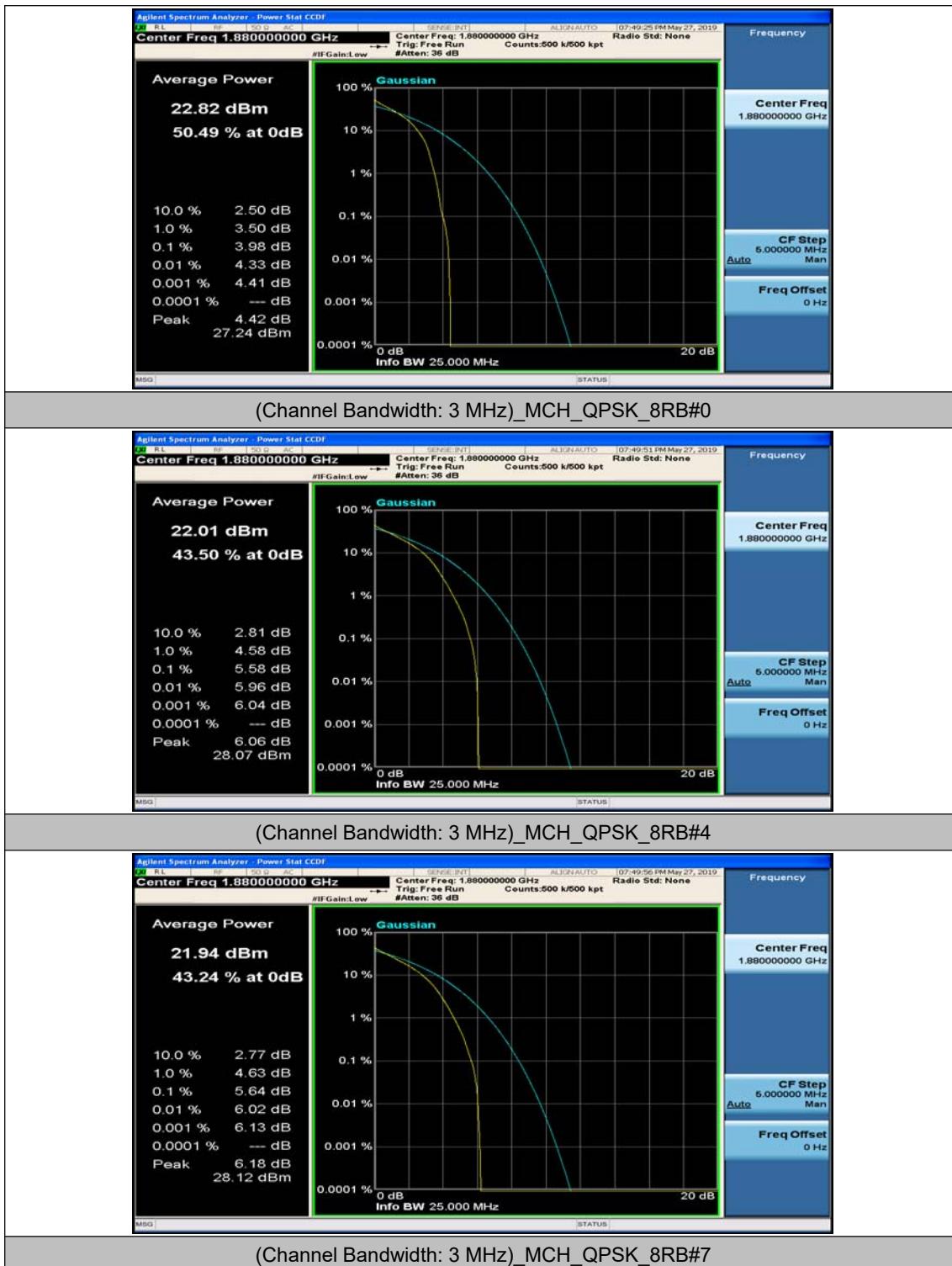
## Channel Bandwidth: 3 MHz

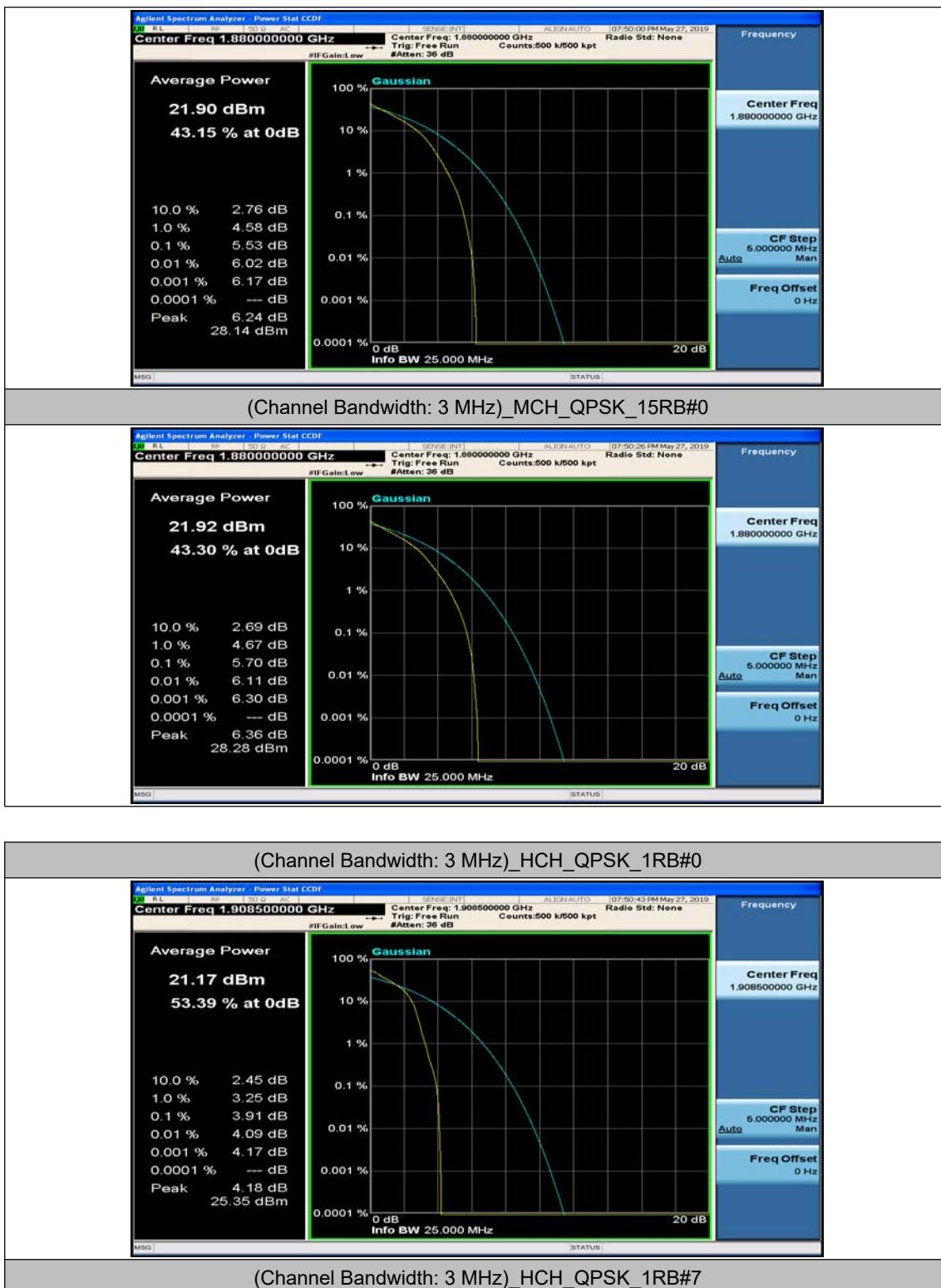


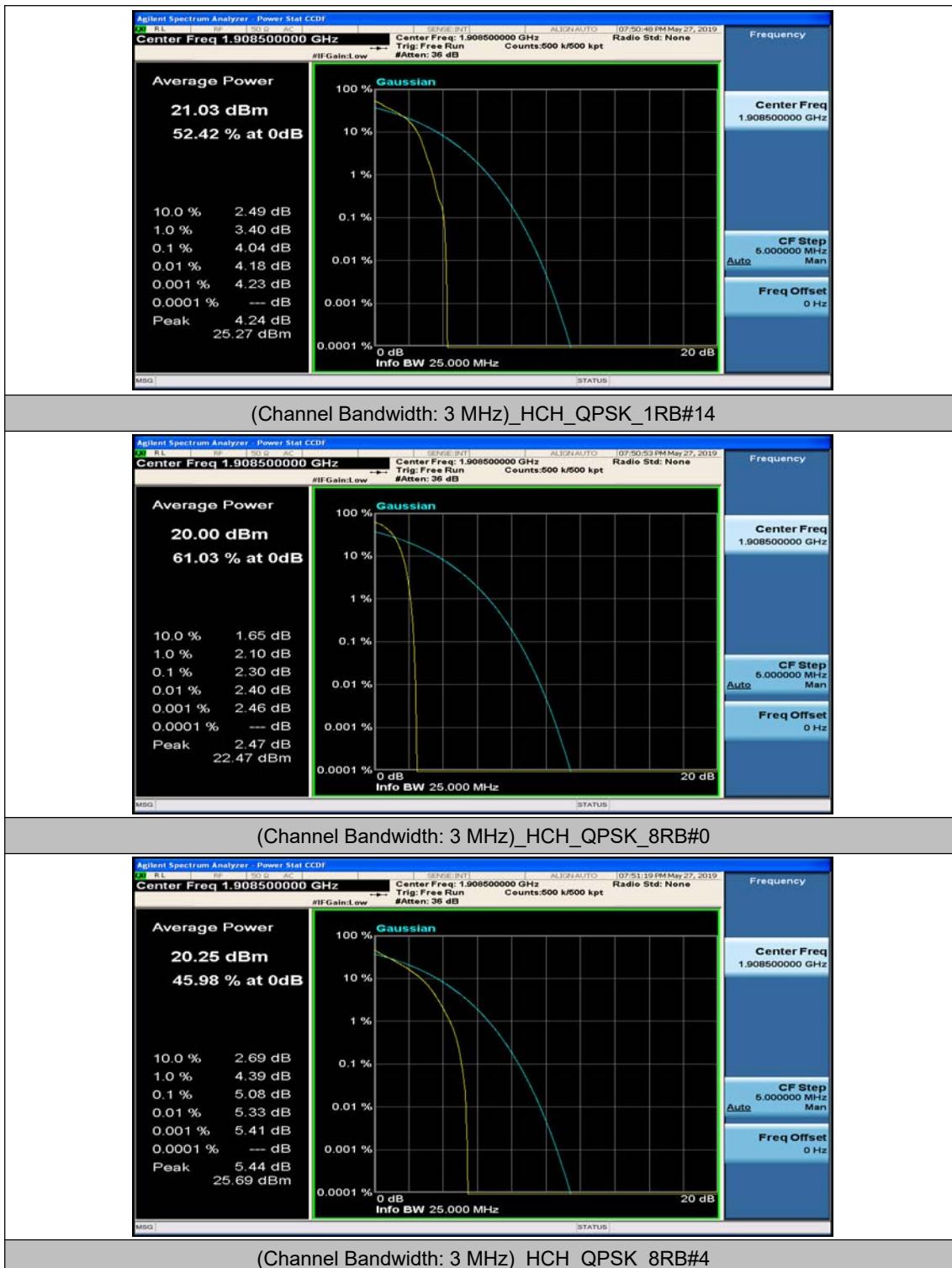


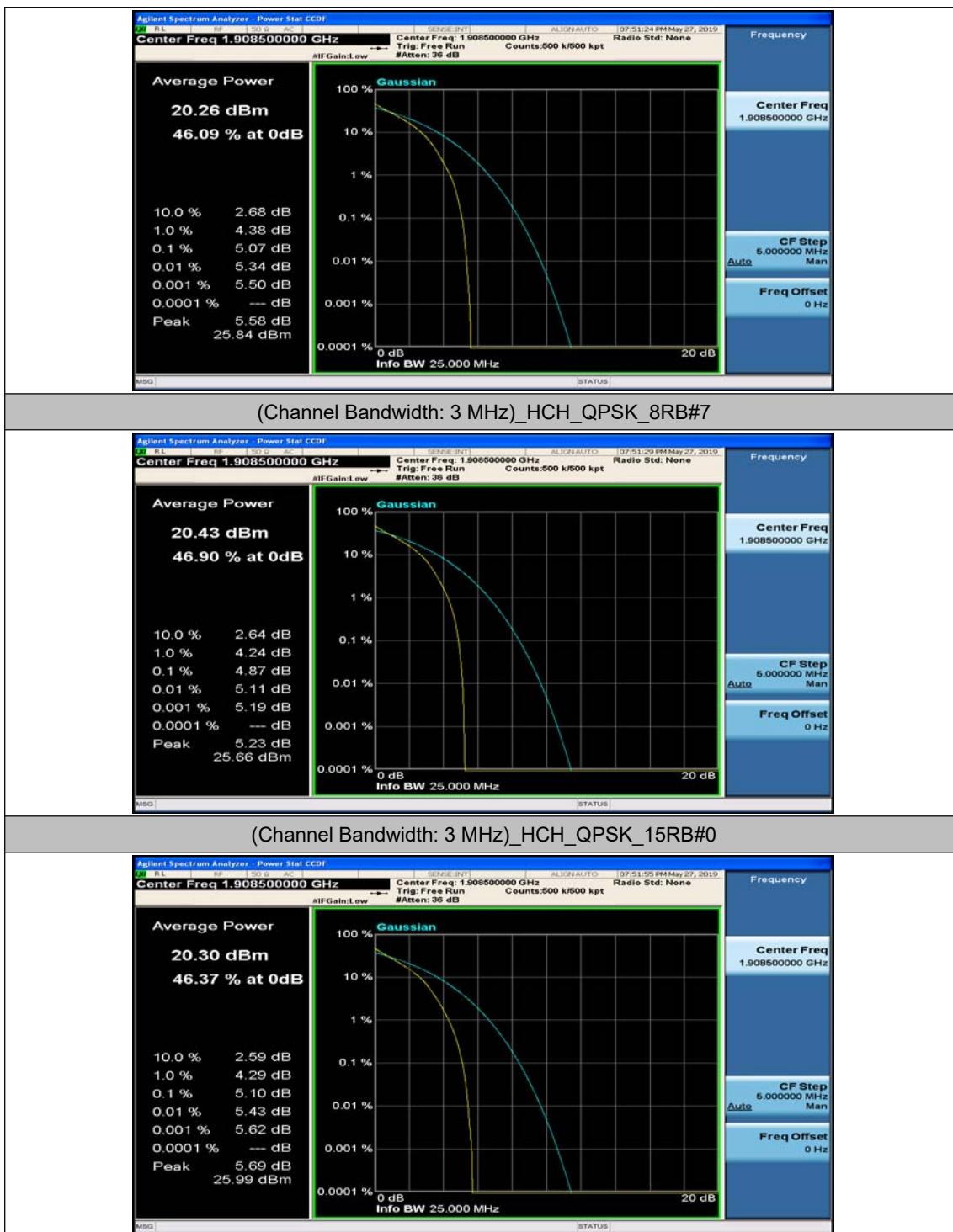


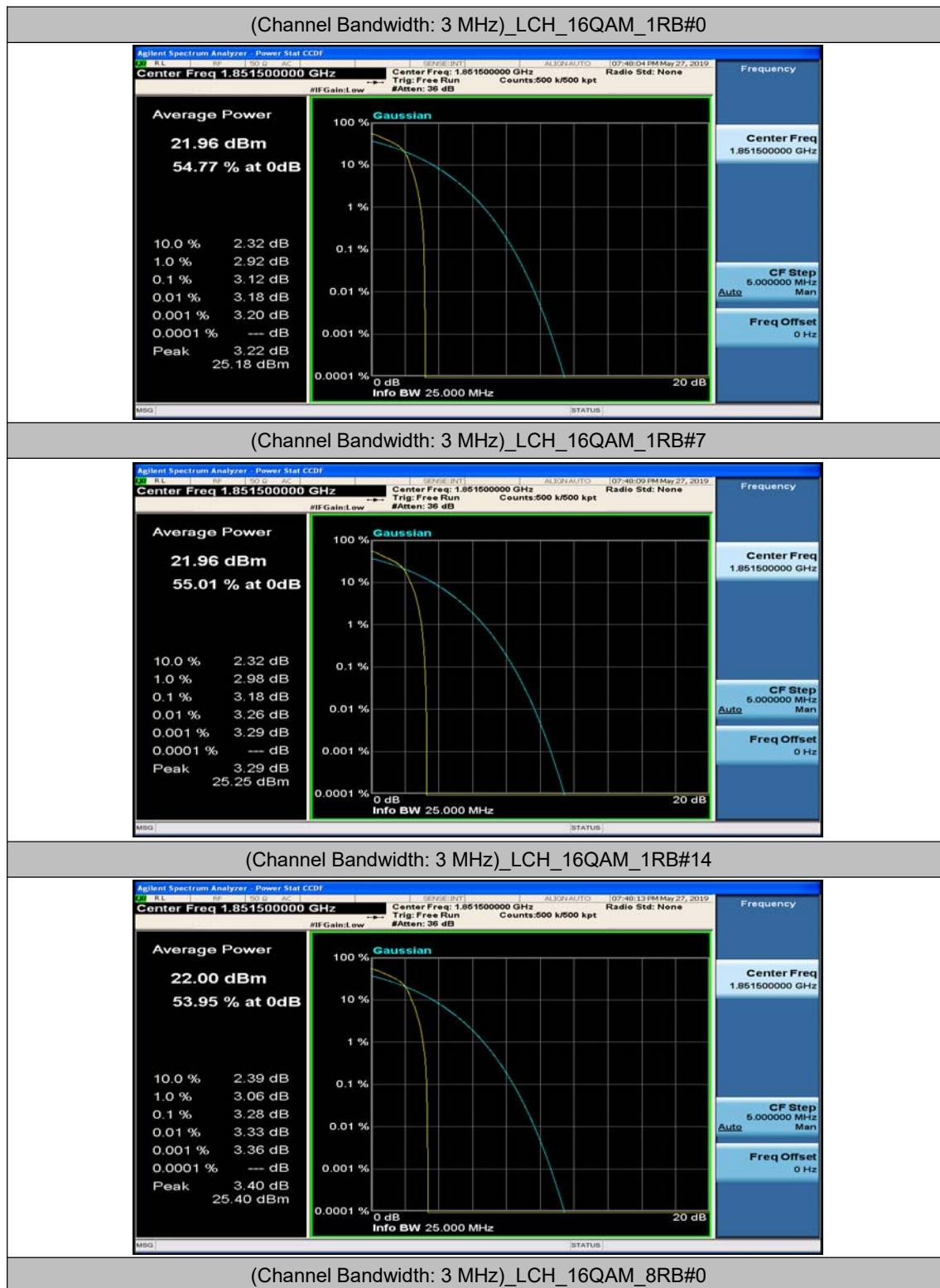
(Channel Bandwidth: 3 MHz)\_MCH\_QPSK\_1RB#14

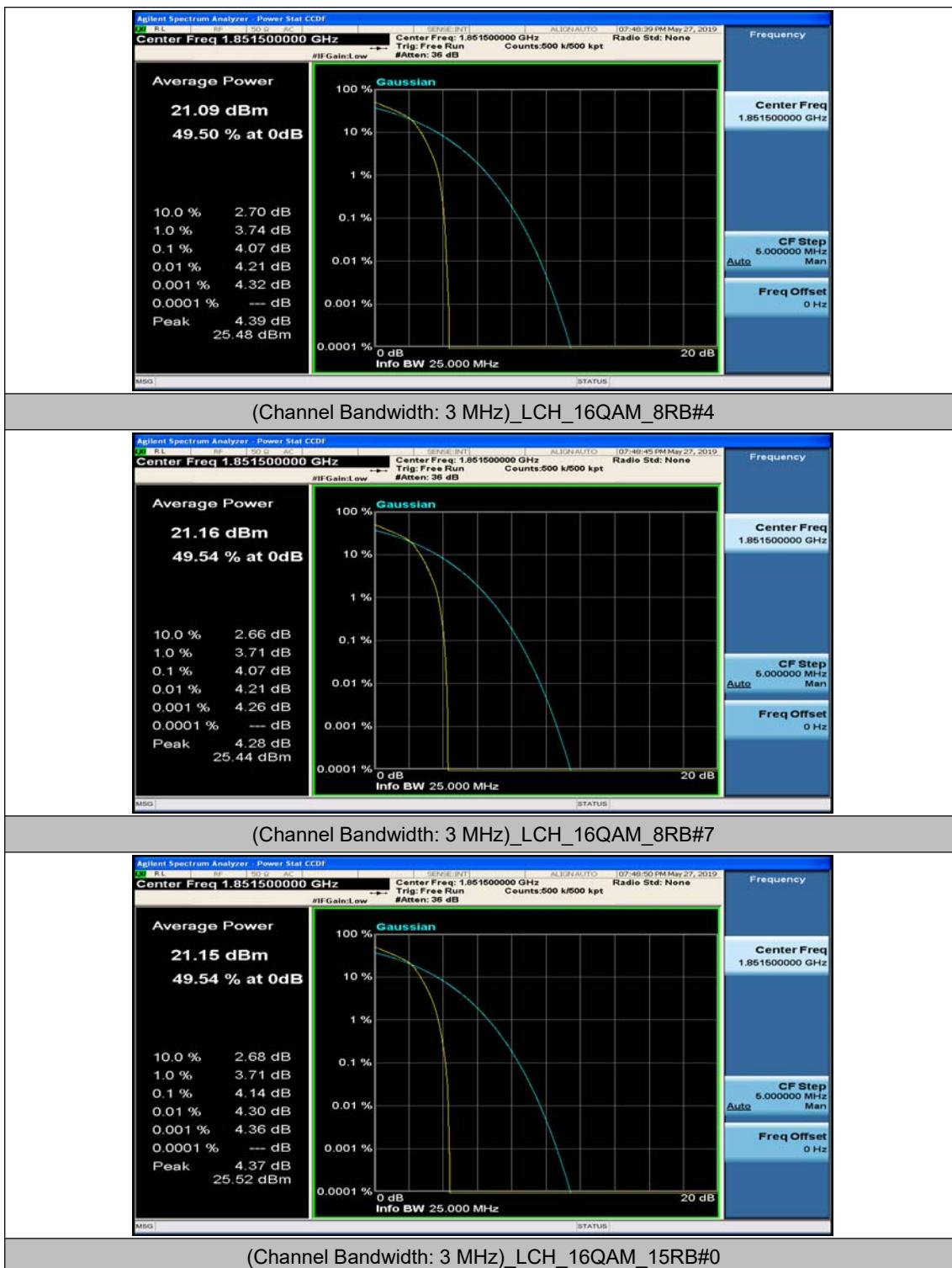


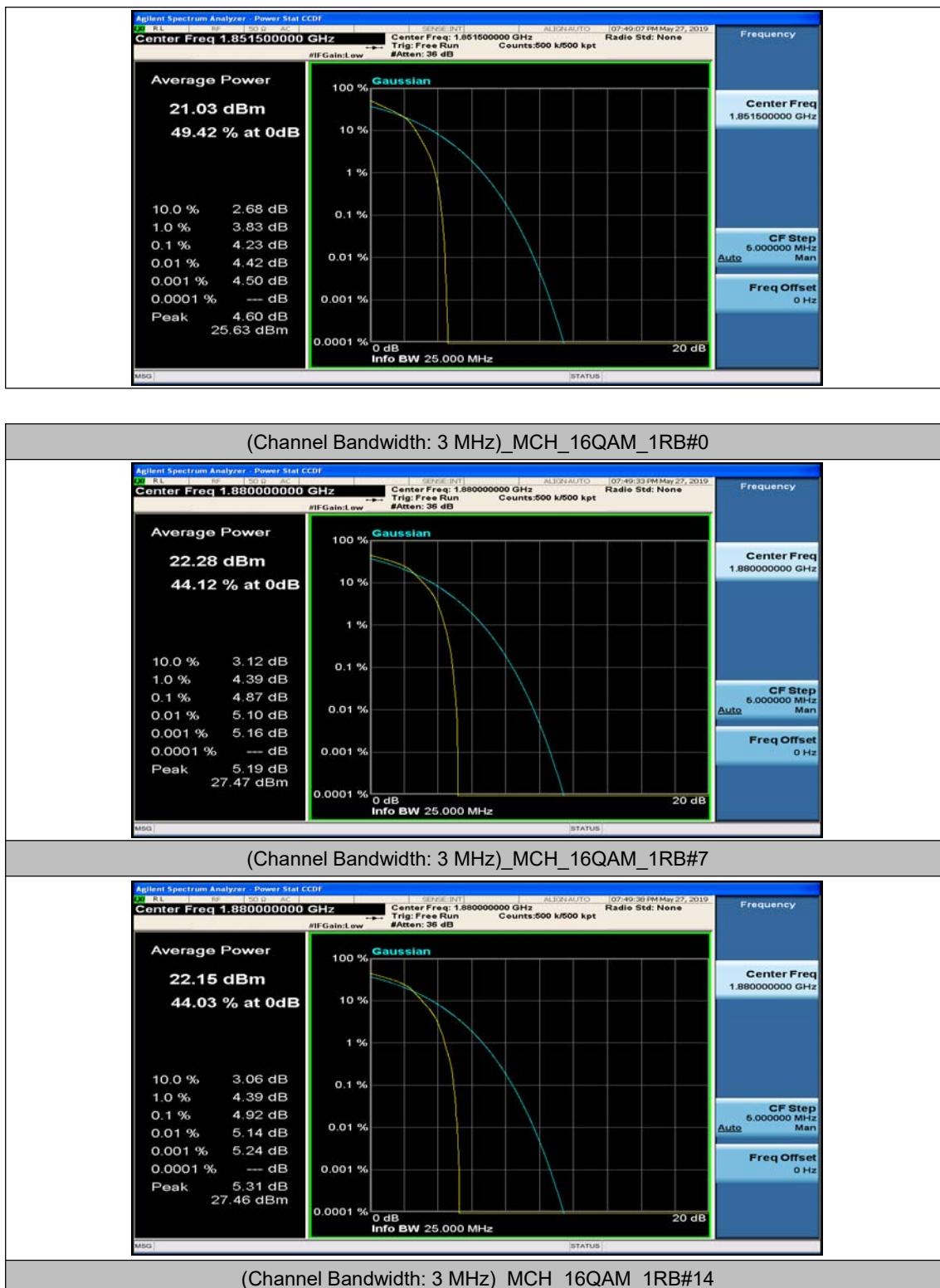


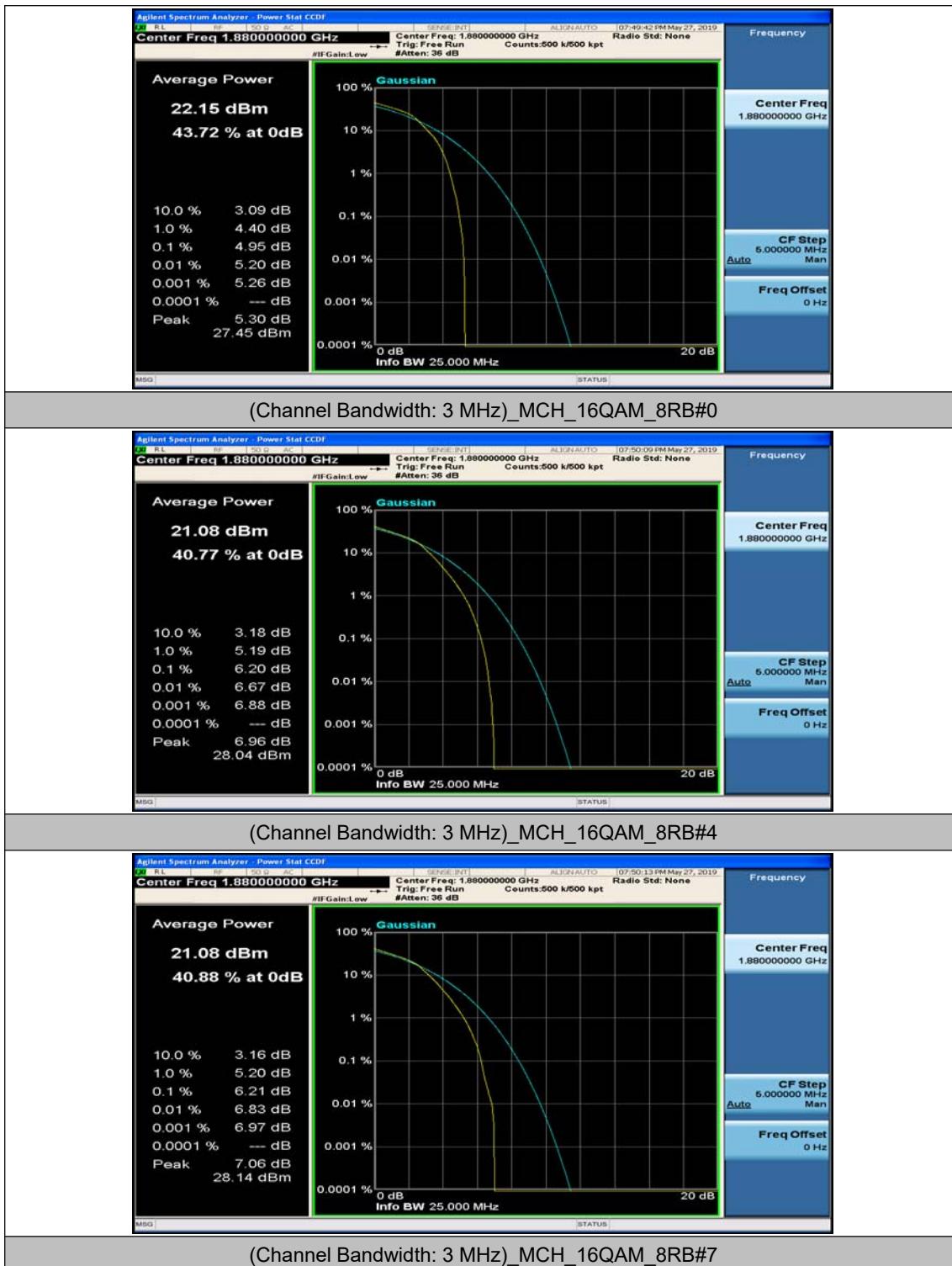


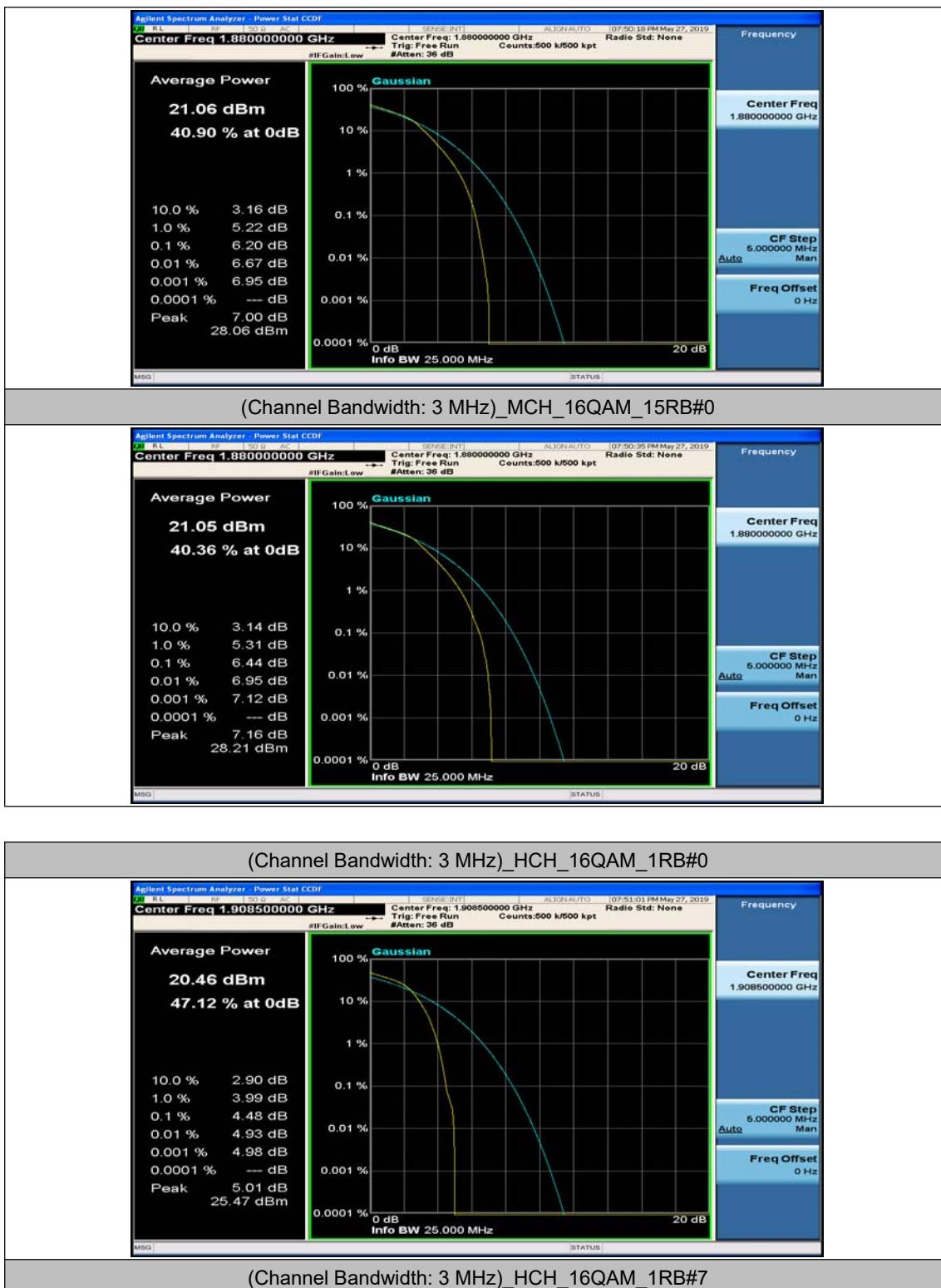


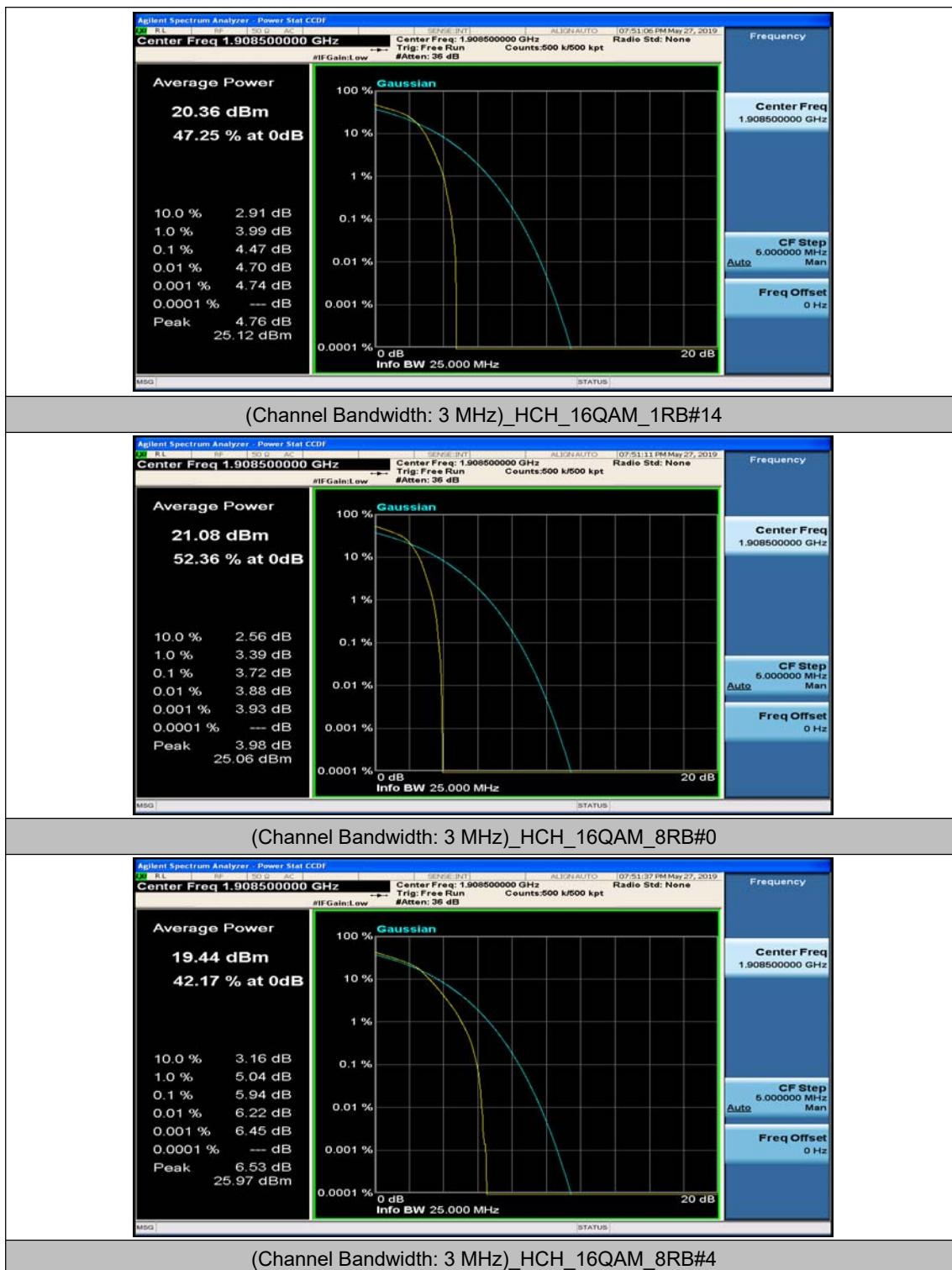


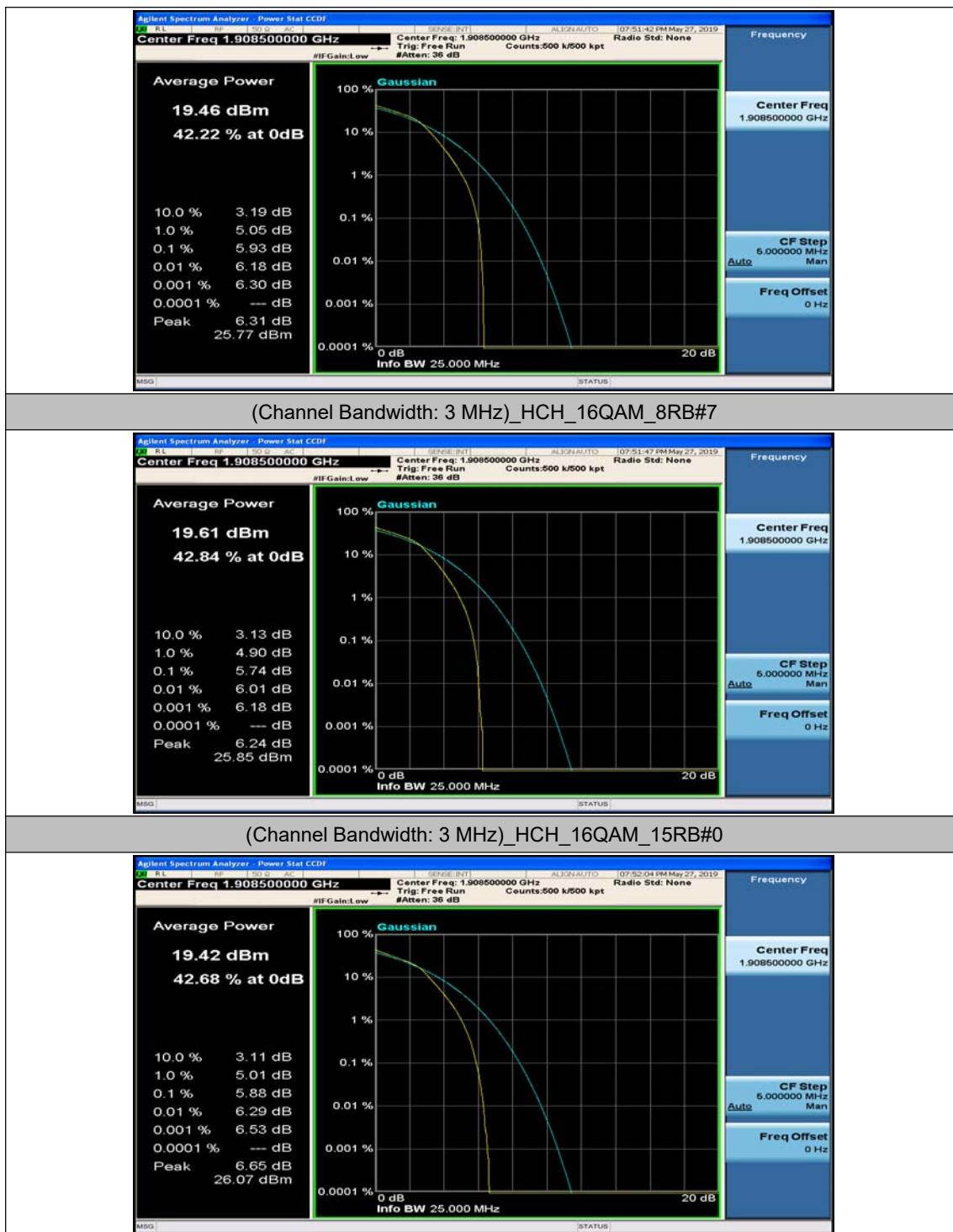




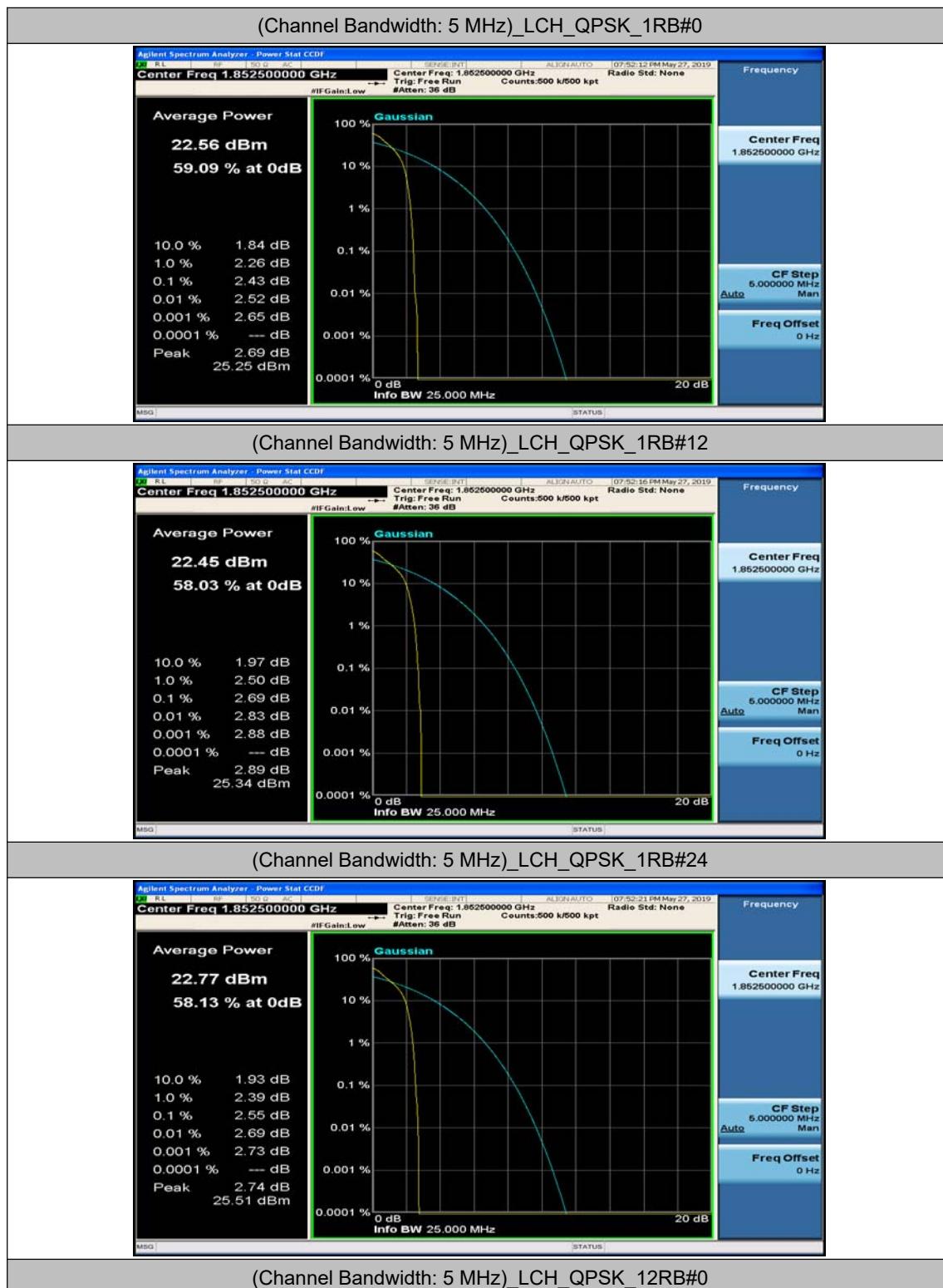


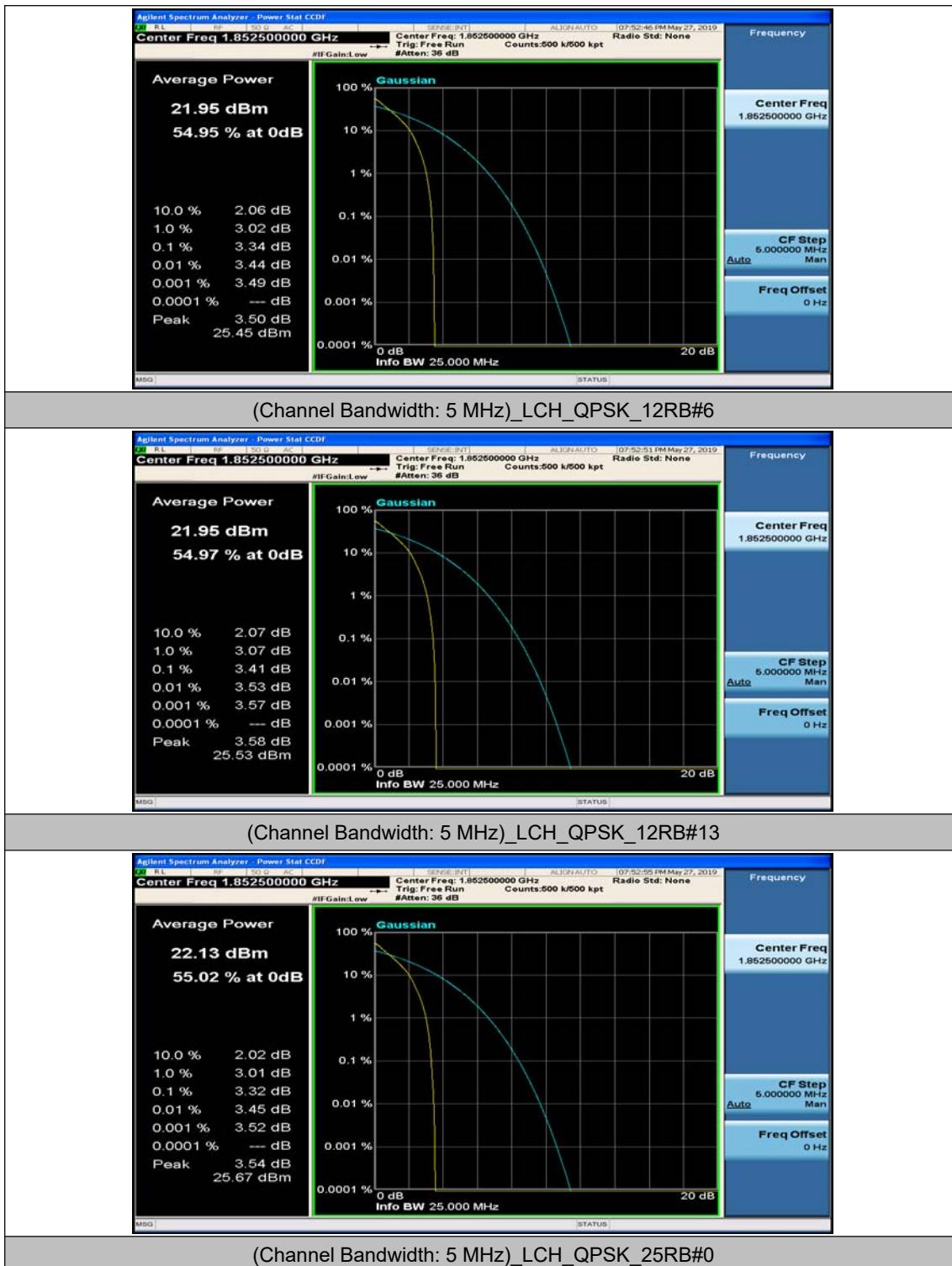


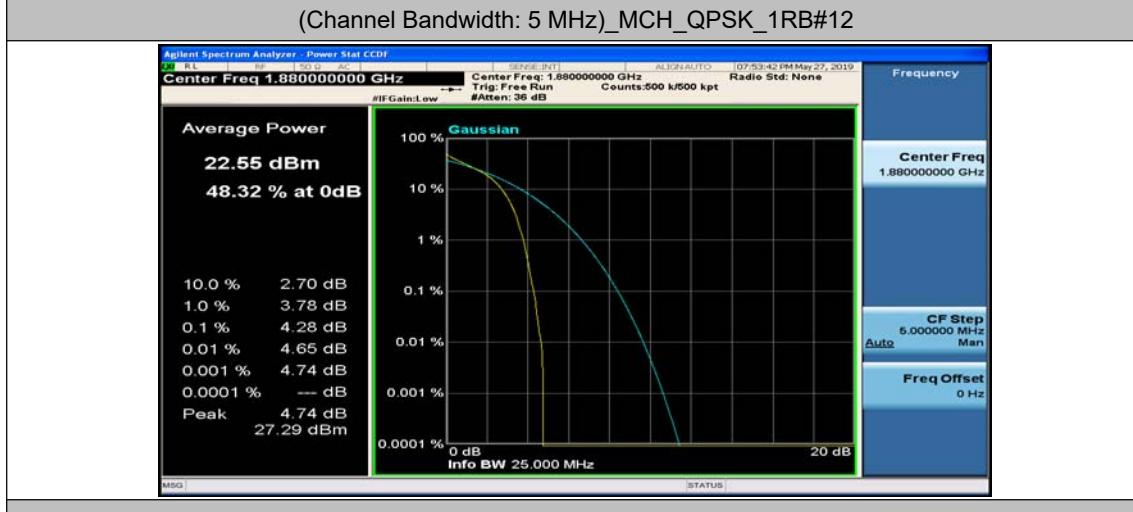
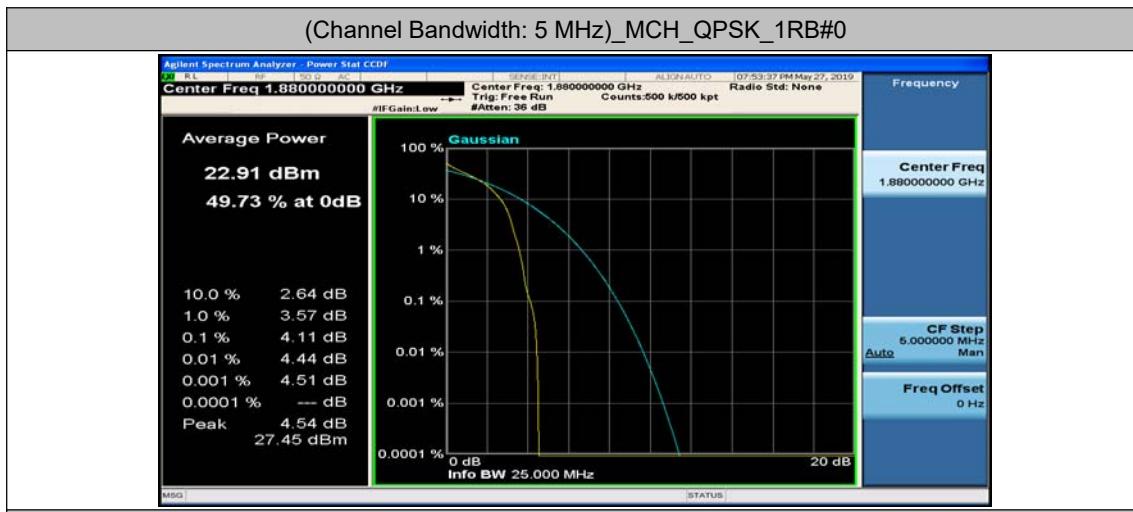
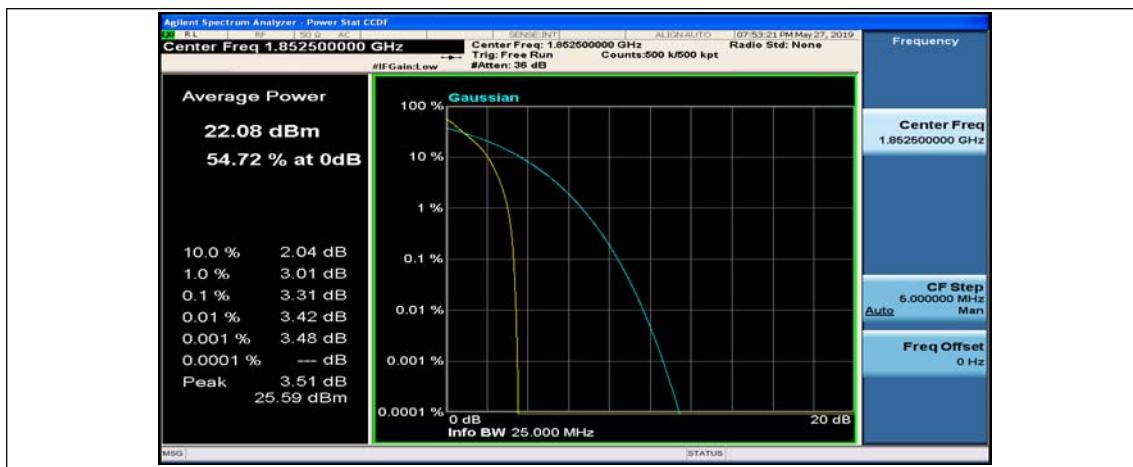




## Channel Bandwidth: 5 MHz







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

