

## 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	22.71	PASS
		1	3	22.68	PASS
		1	5	22.71	PASS
		3	0	22.66	PASS
		3	2	22.66	PASS
		3	3	22.65	PASS
		6	0	21.64	PASS
	MCH	1	0	22.48	PASS
		1	3	22.52	PASS
		1	5	22.57	PASS
		3	0	22.55	PASS
		3	2	22.57	PASS
		3	3	22.50	PASS
		6	0	21.62	PASS
16QAM	HCH	1	0	23.31	PASS
		1	3	23.32	PASS
		1	5	23.38	PASS
		3	0	23.35	PASS
		3	2	23.34	PASS
		3	3	23.30	PASS
		6	0	22.32	PASS
	LCH	1	0	21.62	PASS
		1	3	21.59	PASS
		1	5	21.63	PASS
		3	0	21.68	PASS
		3	2	21.70	PASS
		3	3	21.64	PASS
		6	0	20.58	PASS
	MCH	1	0	21.47	PASS
		1	3	21.48	PASS
		1	5	21.41	PASS
		3	0	21.57	PASS

		3	2	21.63	PASS
		3	3	21.60	PASS
		6	0	20.44	PASS
HCH	HCH	1	0	22.39	PASS
		1	3	22.42	PASS
		1	5	22.39	PASS
		3	0	22.13	PASS
		3	2	22.18	PASS
		3	3	22.15	PASS
		6	0	21.39	PASS

### Channel Bandwidth: 3 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.50	PASS
		1	7	22.57	PASS
		1	14	22.53	PASS
		8	0	21.60	PASS
		8	4	21.61	PASS
		8	7	21.66	PASS
		15	0	21.55	PASS
	MCH	1	0	22.53	PASS
		1	7	22.49	PASS
		1	14	22.55	PASS
		8	0	21.58	PASS
		8	4	21.63	PASS
		8	7	21.53	PASS
		15	0	21.53	PASS
	HCH	1	0	23.20	PASS
		1	7	23.17	PASS
		1	14	23.28	PASS
		8	0	22.30	PASS
		8	4	22.33	PASS
		8	7	22.32	PASS
		15	0	22.24	PASS
16QAM	LCH	1	0	21.44	PASS
		1	7	21.50	PASS
		1	14	21.51	PASS
		8	0	20.67	PASS
		8	4	20.75	PASS
		8	7	20.69	PASS
		15	0	20.63	PASS

		1	0	21.58	PASS
		1	7	21.42	PASS
		1	14	21.43	PASS
		8	0	20.59	PASS
		8	4	20.58	PASS
		8	7	20.57	PASS
		15	0	20.51	PASS
		1	0	22.10	PASS
		1	7	22.25	PASS
		1	14	22.19	PASS
		8	0	21.19	PASS
		8	4	21.20	PASS
		8	7	21.27	PASS
		15	0	21.25	PASS

### Channel Bandwidth: 5 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.61	PASS
		1	12	22.65	PASS
		1	24	22.66	PASS
		12	0	21.58	PASS
		12	6	21.64	PASS
		12	13	21.70	PASS
		25	0	21.51	PASS
	MCH	1	0	22.63	PASS
		1	12	22.55	PASS
		1	24	22.64	PASS
		12	0	21.63	PASS
		12	6	21.59	PASS
		12	13	21.60	PASS
		25	0	21.43	PASS
	HCH	1	0	23.25	PASS
		1	12	23.16	PASS
		1	24	23.33	PASS
		12	0	22.17	PASS
		12	6	22.21	PASS
		12	13	22.24	PASS
		25	0	22.15	PASS
16QAM	LCH	1	0	21.51	PASS
		1	12	21.75	PASS
		1	24	21.49	PASS

		12	0	20.74	PASS
		12	6	20.81	PASS
		12	13	20.86	PASS
		25	0	20.63	PASS
MCH		1	0	21.59	PASS
		1	12	21.57	PASS
		1	24	21.51	PASS
		12	0	20.79	PASS
		12	6	20.70	PASS
		12	13	20.72	PASS
		25	0	20.44	PASS
HCH		1	0	21.84	PASS
		1	12	21.76	PASS
		1	24	21.92	PASS
		12	0	21.20	PASS
		12	6	21.16	PASS
		12	13	21.25	PASS
		25	0	21.16	PASS

## Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.59	PASS
		1	24	22.67	PASS
		1	49	22.54	PASS
		25	0	21.66	PASS
		25	12	21.59	PASS
		25	25	21.57	PASS
		50	0	21.41	PASS
	MCH	1	0	22.63	PASS
		1	24	22.56	PASS
		1	49	22.54	PASS
		25	0	21.73	PASS
		25	12	21.57	PASS
		25	25	21.52	PASS
		50	0	21.34	PASS
	HCH	1	0	22.98	PASS
		1	24	23.27	PASS
		1	49	23.21	PASS
		25	0	22.08	PASS
		25	12	22.18	PASS
		25	25	22.05	PASS

		50	0	21.98	PASS
16QAM	LCH	1	0	21.52	PASS
		1	24	21.65	PASS
		1	49	21.49	PASS
		25	0	20.62	PASS
		25	12	20.56	PASS
		25	25	20.56	PASS
		50	0	20.39	PASS
	MCH	1	0	21.64	PASS
		1	24	21.46	PASS
		1	49	21.52	PASS
		25	0	20.63	PASS
		25	12	20.52	PASS
		25	25	20.53	PASS
		50	0	20.34	PASS
		1	0	21.90	PASS
	HCH	1	24	22.13	PASS
		1	49	22.15	PASS
		25	0	21.10	PASS
		25	12	21.20	PASS
		25	25	21.11	PASS
		50	0	21.12	PASS

### Channel Bandwidth: 15 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.60	PASS
		1	37	22.74	PASS
		1	74	22.38	PASS
		37	0	21.40	PASS
		37	18	21.50	PASS
		37	38	21.40	PASS
		75	0	21.42	PASS
	MCH	1	0	22.68	PASS
		1	37	22.57	PASS
		1	74	22.51	PASS
		37	0	21.56	PASS
		37	18	21.38	PASS
		37	38	21.44	PASS
		75	0	21.39	PASS
	HCH	1	0	22.80	PASS
		1	37	23.15	PASS

		1	74	23.28	PASS
		37	0	21.70	PASS
		37	18	22.11	PASS
		37	38	22.07	PASS
		75	0	21.80	PASS
16QAM	LCH	1	0	21.50	PASS
		1	37	21.64	PASS
		1	74	21.37	PASS
		37	0	20.48	PASS
		37	18	20.49	PASS
		37	38	20.46	PASS
		75	0	20.40	PASS
	MCH	1	0	21.67	PASS
		1	37	21.61	PASS
		1	74	21.43	PASS
		37	0	20.57	PASS
		37	18	20.41	PASS
		37	38	20.44	PASS
		75	0	20.39	PASS
	HCH	1	0	21.75	PASS
		1	37	22.15	PASS
		1	74	22.13	PASS
		37	0	20.77	PASS
		37	18	21.00	PASS
		37	38	21.11	PASS
		75	0	20.81	PASS

### Channel Bandwidth: 20 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.73	PASS
		1	49	22.73	PASS
		1	99	22.55	PASS
		50	0	21.43	PASS
		50	25	21.35	PASS
		50	50	21.24	PASS
		100	0	21.39	PASS
	MCH	1	0	22.60	PASS
		1	49	22.75	PASS
		1	99	22.71	PASS
		50	0	21.49	PASS
		50	25	21.41	PASS

		50	50	21.29	PASS
		100	0	21.46	PASS
16QAM	HCH	1	0	22.81	PASS
		1	49	22.92	PASS
		1	99	24.74	PASS
		50	0	21.65	PASS
		50	25	21.76	PASS
		50	50	21.93	PASS
		100	0	21.74	PASS
LCH	LCH	1	0	21.42	PASS
		1	49	21.43	PASS
		1	99	21.30	PASS
		50	0	20.34	PASS
		50	25	20.34	PASS
		50	50	20.21	PASS
		100	0	20.35	PASS
	MCH	1	0	21.39	PASS
		1	49	21.44	PASS
		1	99	21.41	PASS
		50	0	20.44	PASS
		50	25	20.28	PASS
		50	50	20.26	PASS
		100	0	20.51	PASS
HCH	HCH	1	0	21.95	PASS
		1	49	22.07	PASS
		1	99	22.47	PASS
		50	0	20.68	PASS
		50	25	20.81	PASS
		50	50	20.99	PASS
		100	0	20.75	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	5.06	<13	PASS
		1	5	5.02	<13	PASS
		3	0	5.34	<13	PASS
		3	2	5.31	<13	PASS
		3	3	5.28	<13	PASS
		6	0	5.8	<13	PASS
	MCH	1	0	5.03	<13	PASS
		1	3	5.08	<13	PASS
		1	5	4.99	<13	PASS
		3	0	5.39	<13	PASS
		3	2	5.32	<13	PASS
		3	3	5.37	<13	PASS
		6	0	5.76	<13	PASS
16QAM	LCH	1	0	4.52	<13	PASS
		1	3	4.46	<13	PASS
		1	5	4.42	<13	PASS
		3	0	4.89	<13	PASS
		3	2	4.84	<13	PASS
		3	3	4.86	<13	PASS
		6	0	5.55	<13	PASS
	MCH	1	0	6.16	<13	PASS
		1	3	6.11	<13	PASS
		1	5	6.16	<13	PASS
		3	0	6.33	<13	PASS
		3	2	6.4	<13	PASS
		3	3	6.31	<13	PASS
		6	0	6.8	<13	PASS

		3	2	6.41	<13	PASS
		3	3	6.4	<13	PASS
		6	0	6.77	<13	PASS
HCH		1	0	5.62	<13	PASS
		1	3	5.54	<13	PASS
		1	5	5.58	<13	PASS
		3	0	5.84	<13	PASS
		3	2	5.72	<13	PASS
		3	3	5.74	<13	PASS
		6	0	6.52	<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	5.07	<13	PASS
		1	7	4.95	<13	PASS
		1	14	4.92	<13	PASS
		8	0	5.72	<13	PASS
		8	4	5.82	<13	PASS
		8	7	5.79	<13	PASS
		15	0	5.75	<13	PASS
	MCH	1	0	5.17	<13	PASS
		1	7	5.23	<13	PASS
		1	14	5.23	<13	PASS
		8	0	5.73	<13	PASS
		8	4	5.85	<13	PASS
		8	7	5.88	<13	PASS
		15	0	5.81	<13	PASS
	HCH	1	0	4.55	<13	PASS
		1	7	4.44	<13	PASS
		1	14	4.44	<13	PASS
		8	0	5.62	<13	PASS
		8	4	5.53	<13	PASS
		8	7	5.55	<13	PASS
		15	0	5.68	<13	PASS
16QAM	LCH	1	0	6.19	<13	PASS
		1	7	6.2	<13	PASS
		1	14	6.09	<13	PASS
		8	0	6.48	<13	PASS
		8	4	6.48	<13	PASS

		8	7	6.54	<13	PASS
		15	0	6.72	<13	PASS
MCH		1	0	6.15	<13	PASS
		1	7	6.4	<13	PASS
		1	14	6.37	<13	PASS
		8	0	6.51	<13	PASS
		8	4	6.61	<13	PASS
		8	7	6.49	<13	PASS
		15	0	6.78	<13	PASS
HCH		1	0	5.82	<13	PASS
		1	7	5.73	<13	PASS
		1	14	5.71	<13	PASS
		8	0	6.31	<13	PASS
		8	4	6.33	<13	PASS
		8	7	6.23	<13	PASS
		15	0	6.51	<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	4.85	<13	PASS
		1	12	4.74	<13	PASS
		1	24	4.61	<13	PASS
		12	0	5.72	<13	PASS
		12	6	5.64	<13	PASS
		12	13	5.69	<13	PASS
		25	0	5.82	<13	PASS
	MCH	1	0	4.98	<13	PASS
		1	12	4.91	<13	PASS
		1	24	5.12	<13	PASS
		12	0	5.63	<13	PASS
		12	6	5.75	<13	PASS
		12	13	5.78	<13	PASS
		25	0	5.82	<13	PASS
	HCH	1	0	4.65	<13	PASS
		1	12	4.59	<13	PASS
		1	24	4.48	<13	PASS
		12	0	5.65	<13	PASS
		12	6	5.56	<13	PASS
		12	13	5.54	<13	PASS

		25	0	5.69	<13	PASS
16QAM	LCH	1	0	6.12	<13	PASS
		1	12	5.97	<13	PASS
		1	24	5.87	<13	PASS
		12	0	6.58	<13	PASS
		12	6	6.59	<13	PASS
		12	13	6.46	<13	PASS
		25	0	6.64	<13	PASS
	MCH	1	0	6.19	<13	PASS
		1	12	6.08	<13	PASS
		1	24	6.32	<13	PASS
		12	0	6.5	<13	PASS
		12	6	6.6	<13	PASS
		12	13	6.66	<13	PASS
		25	0	6.67	<13	PASS
	HCH	1	0	5.69	<13	PASS
		1	12	5.59	<13	PASS
		1	24	5.47	<13	PASS
		12	0	6.66	<13	PASS
		12	6	6.53	<13	PASS
		12	13	6.53	<13	PASS
		25	0	6.51	<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	5.05	<13	PASS
		1	24	4.64	<13	PASS
		1	49	4.22	<13	PASS
		25	0	5.75	<13	PASS
		25	12	5.59	<13	PASS
		25	25	5.41	<13	PASS
		50	0	5.6	<13	PASS
	MCH	1	0	4.77	<13	PASS
		1	24	5.19	<13	PASS
		1	49	5.1	<13	PASS
		25	0	5.57	<13	PASS
		25	12	5.83	<13	PASS
		25	25	5.86	<13	PASS
		50	0	5.8	<13	PASS

		1	0	4.84	<13	PASS
		1	24	4.66	<13	PASS
		1	49	4.36	<13	PASS
	HCH	25	0	5.68	<13	PASS
		25	12	5.69	<13	PASS
		25	25	5.65	<13	PASS
		50	0	5.61	<13	PASS
16QAM	LCH	1	0	6.28	<13	PASS
		1	24	5.79	<13	PASS
		1	49	5.26	<13	PASS
		25	0	6.6	<13	PASS
		25	12	6.42	<13	PASS
		25	25	6.25	<13	PASS
		50	0	6.37	<13	PASS
	MCH	1	0	5.96	<13	PASS
		1	24	6.37	<13	PASS
		1	49	6.28	<13	PASS
		25	0	6.53	<13	PASS
		25	12	6.67	<13	PASS
		25	25	6.7	<13	PASS
		50	0	6.57	<13	PASS
	HCH	1	0	5.97	<13	PASS
		1	24	5.88	<13	PASS
		1	49	5.69	<13	PASS
		25	0	6.58	<13	PASS
		25	12	6.56	<13	PASS
		25	25	6.56	<13	PASS
		50	0	6.46	<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	5.75	<13	PASS
		1	37	4.31	<13	PASS
		1	74	5.24	<13	PASS
		37	0	4.96	<13	PASS
		37	18	5.48	<13	PASS
		37	38	4.91	<13	PASS
		75	0	4.75	<13	PASS
	MCH	1	0	5.35	<13	PASS

	16QAM	HCH	1	37	5.12	<13	PASS
			1	74	5.77	<13	PASS
			37	0	4.9	<13	PASS
			37	18	5.85	<13	PASS
			37	38	5.04	<13	PASS
			75	0	5.06	<13	PASS
		LCH	1	0	5.54	<13	PASS
			1	37	4.9	<13	PASS
			1	74	5.43	<13	PASS
			37	0	4.98	<13	PASS
			37	18	5.74	<13	PASS
			37	38	4.93	<13	PASS
			75	0	4.94	<13	PASS
		MCH	1	0	6.88	<13	PASS
			1	37	5.31	<13	PASS
			1	74	6.06	<13	PASS
			37	0	6.2	<13	PASS
			37	18	6.26	<13	PASS
			37	38	6.07	<13	PASS
			75	0	6.26	<13	PASS
		HCH	1	0	6.41	<13	PASS
			1	37	6.34	<13	PASS
			1	74	6.64	<13	PASS
			37	0	6.19	<13	PASS
			37	18	6.67	<13	PASS
			37	38	6.42	<13	PASS
			75	0	6.47	<13	PASS
		LCH	1	0	6.67	<13	PASS
			1	37	6.12	<13	PASS
			1	74	6.43	<13	PASS
			37	0	6.21	<13	PASS
			37	18	6.62	<13	PASS
			37	38	6.27	<13	PASS
			75	0	6.42	<13	PASS

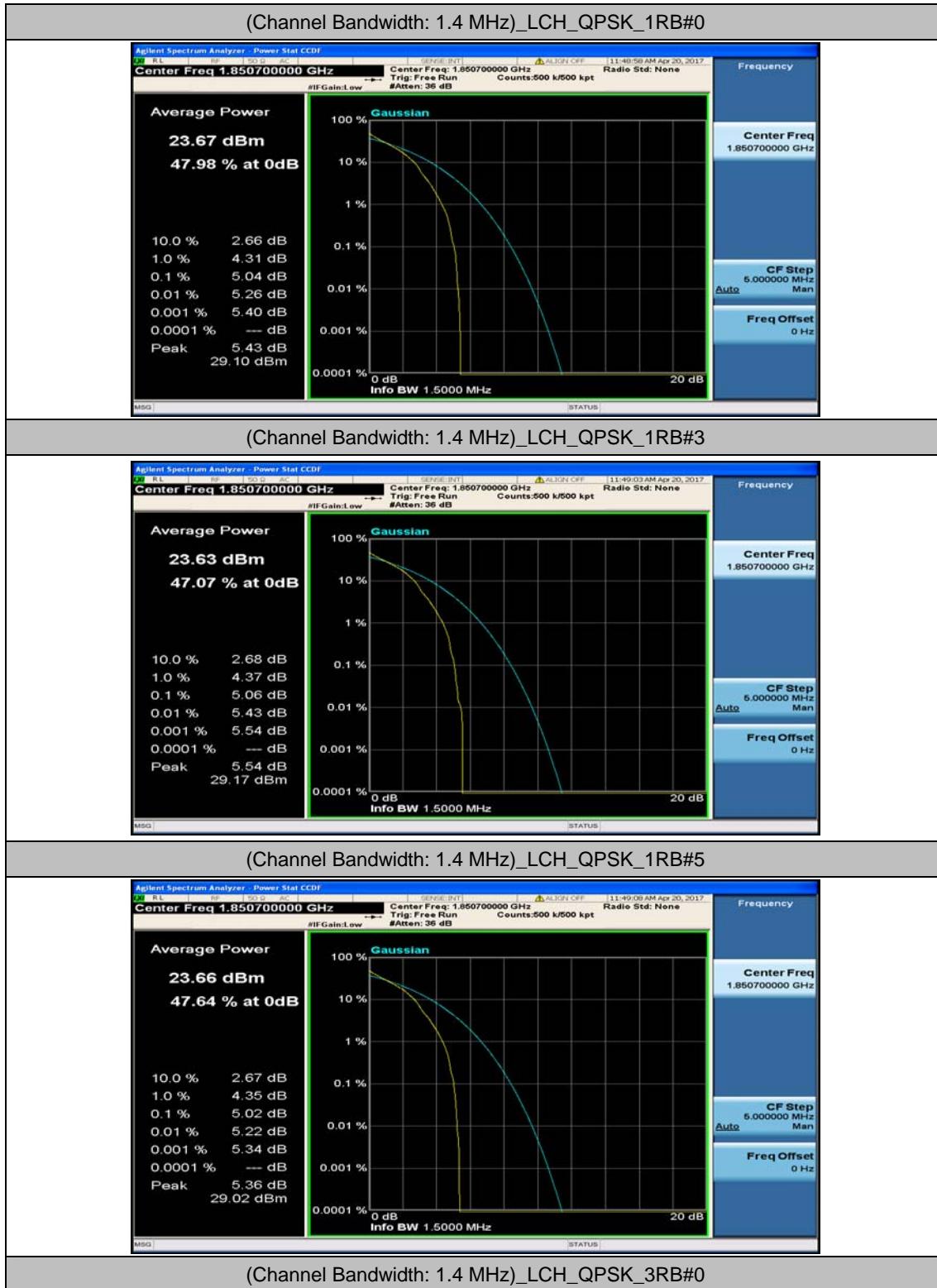
### Channel Bandwidth: 20 MHz

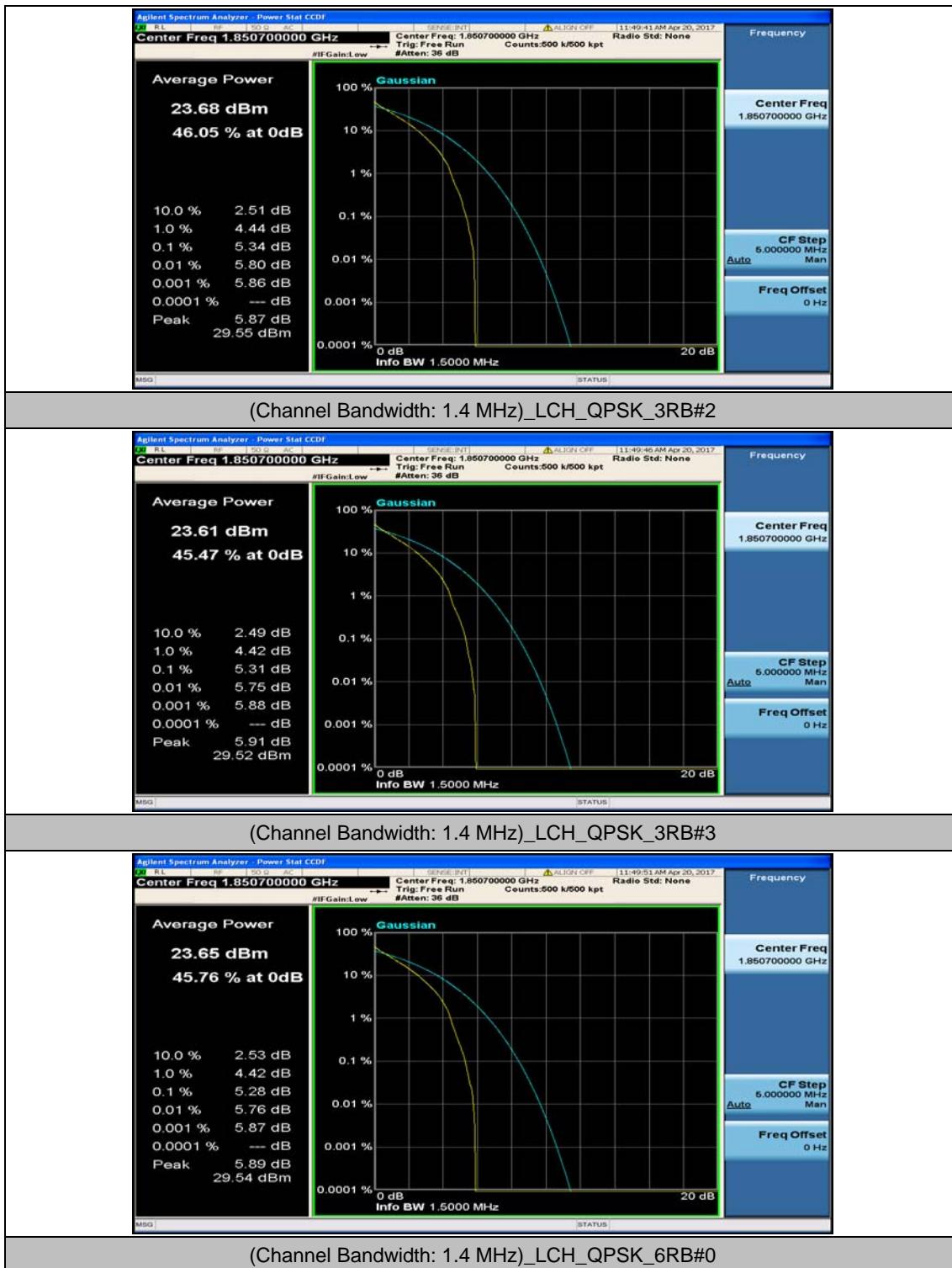
Channel Bandwidth: 20 MHz							
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict	
		Size	Offset				
QPSK	LCH	1	0	1.95	<13	PASS	
		1	49	4.13	<13	PASS	

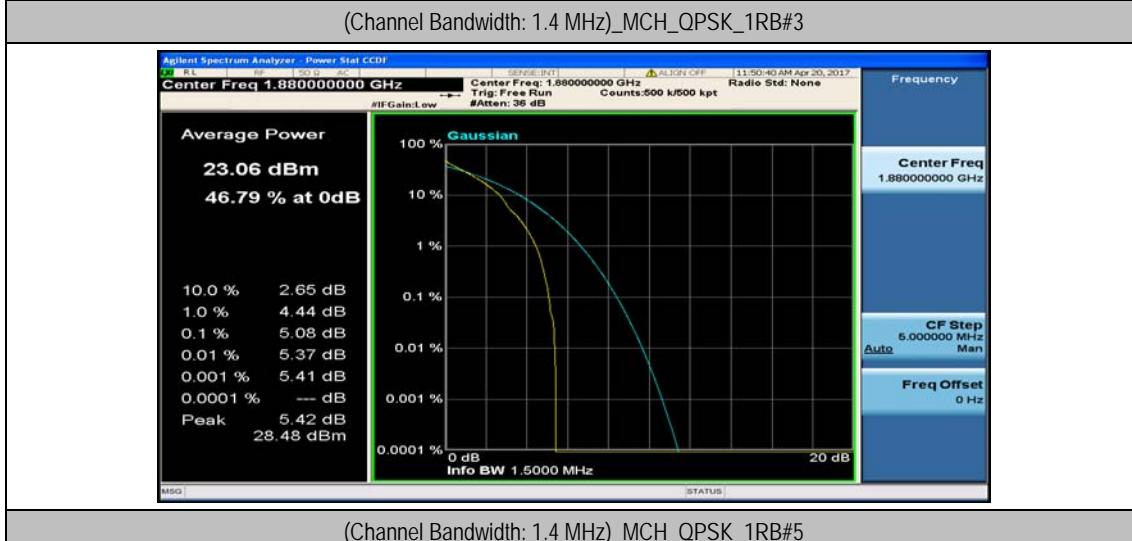
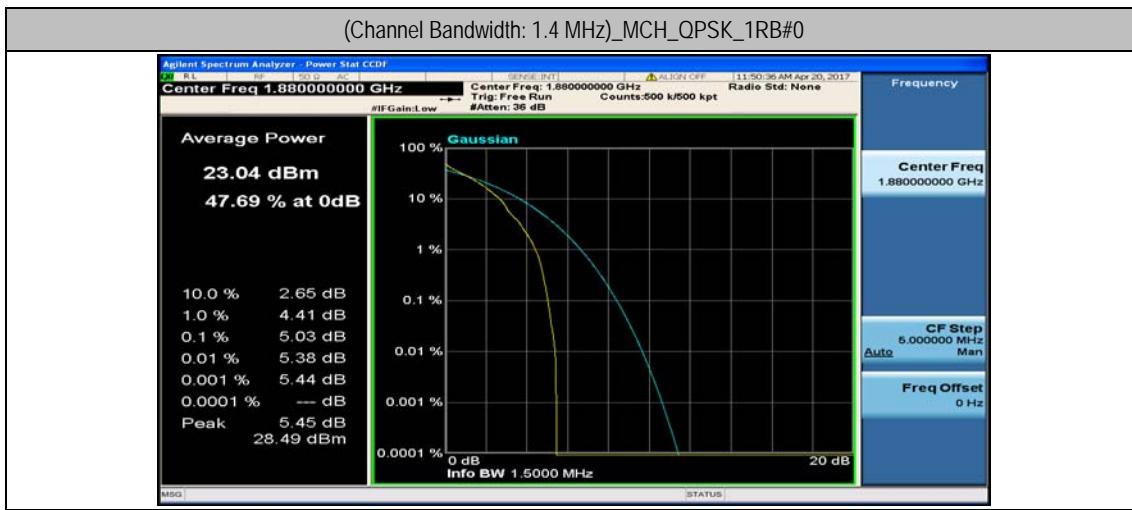
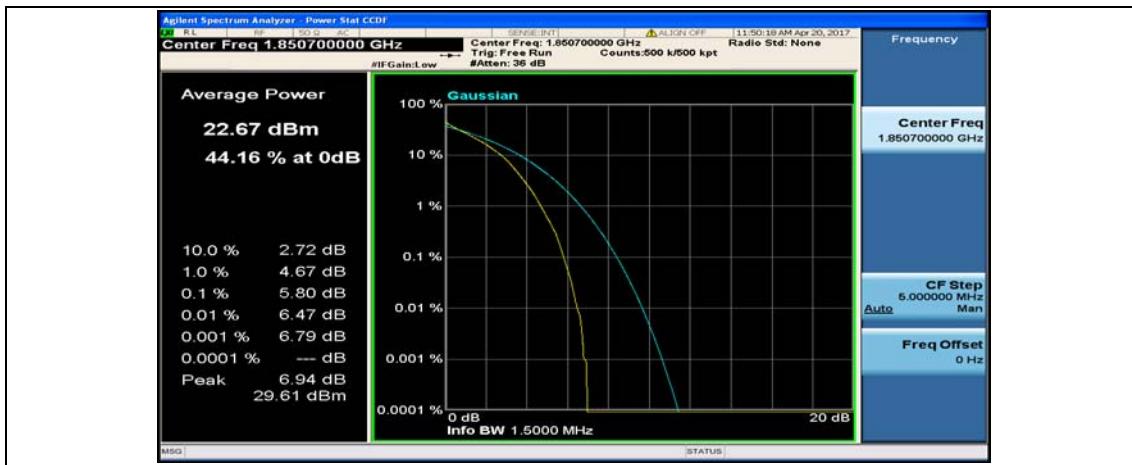
		1	99	2.12	<13	PASS
		50	0	5.53	<13	PASS
		50	25	5.44	<13	PASS
		50	50	5.9	<13	PASS
		100	0	5.62	<13	PASS
	MCH	1	0	4.76	<13	PASS
		1	49	5.12	<13	PASS
		1	99	2.98	<13	PASS
		50	0	5.67	<13	PASS
		50	25	5.81	<13	PASS
		50	50	6.01	<13	PASS
		100	0	5.77	<13	PASS
	HCH	1	0	3.25	<13	PASS
		1	49	4.96	<13	PASS
		1	99	2.35	<13	PASS
		50	0	5.62	<13	PASS
		50	25	5.82	<13	PASS
		50	50	6	<13	PASS
		100	0	5.82	<13	PASS
	LCH	1	0	2.68	<13	PASS
		1	49	5.15	<13	PASS
		1	99	2.07	<13	PASS
		50	0	6.6	<13	PASS
		50	25	6.26	<13	PASS
		50	50	6.76	<13	PASS
		100	0	6.78	<13	PASS
	MCH	1	0	2.47	<13	PASS
		1	49	6.27	<13	PASS
		1	99	2.86	<13	PASS
		50	0	6.7	<13	PASS
		50	25	6.69	<13	PASS
		50	50	6.91	<13	PASS
		100	0	6.91	<13	PASS
	HCH	1	0	3.27	<13	PASS
		1	49	5.84	<13	PASS
		1	99	3.38	<13	PASS
		50	0	6.71	<13	PASS
		50	25	6.58	<13	PASS
		50	50	6.8	<13	PASS
		100	0	6.81	<13	PASS

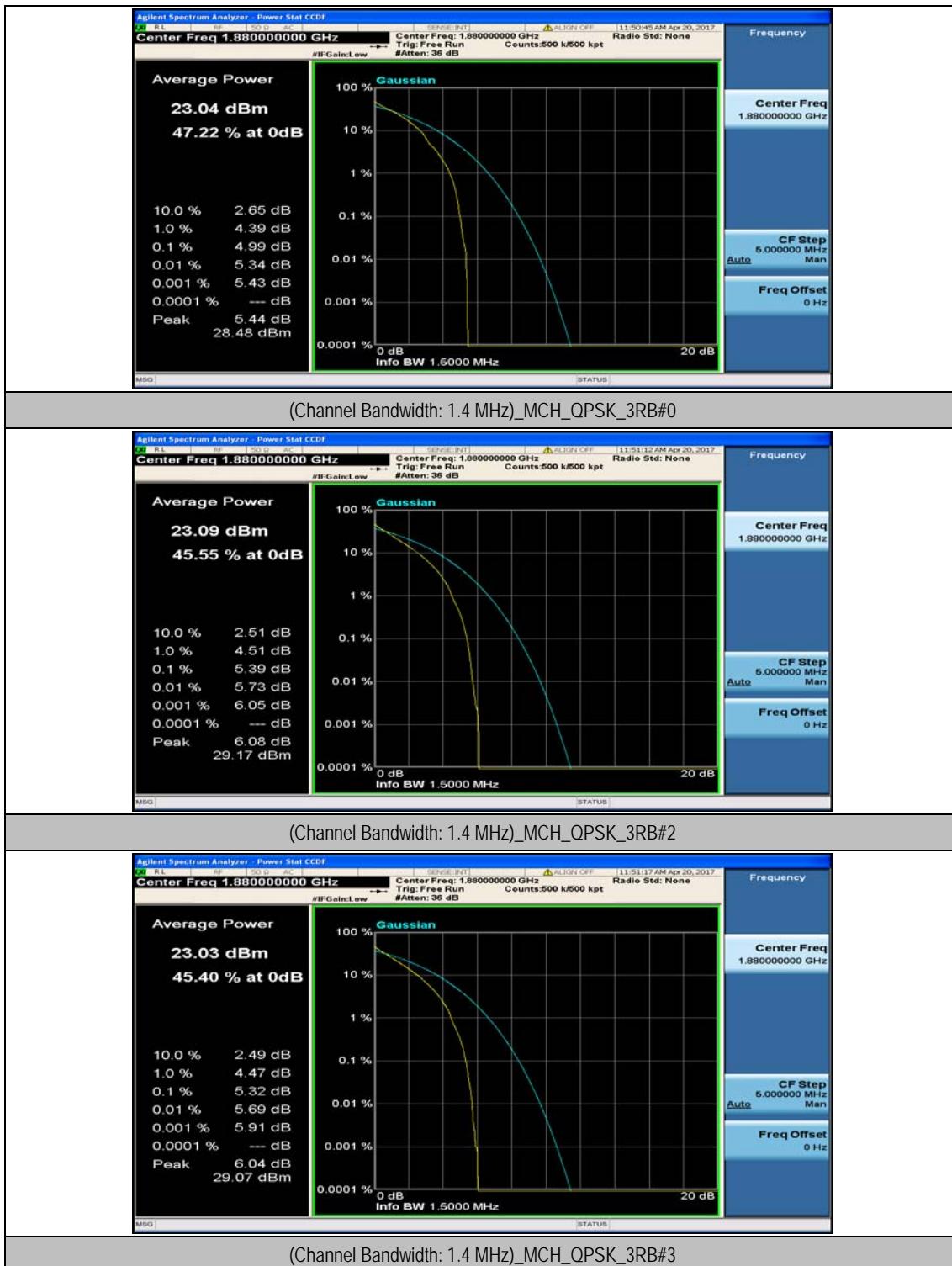
## Test Graphs

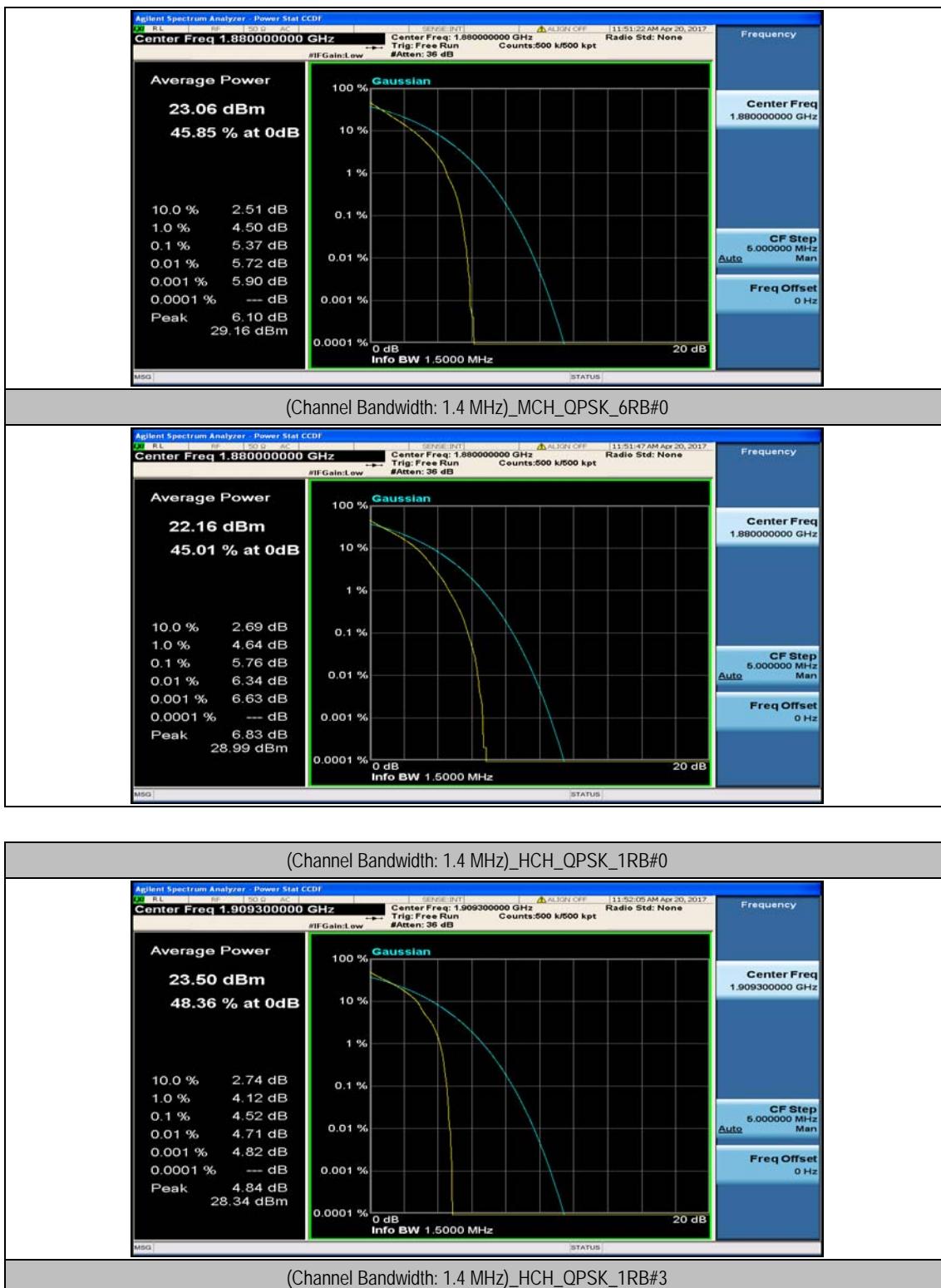
### Channel Bandwidth: 1.4 MHz

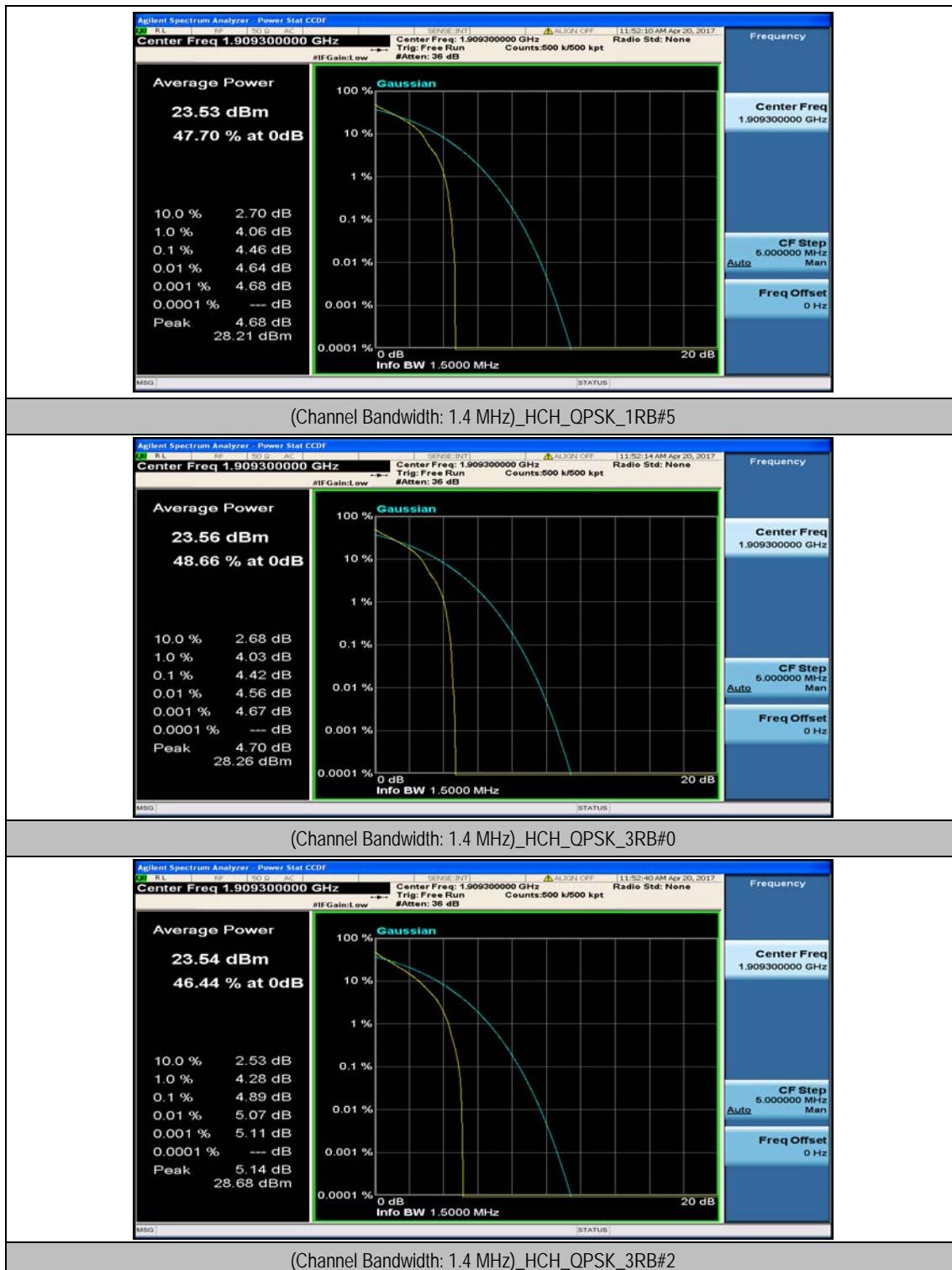


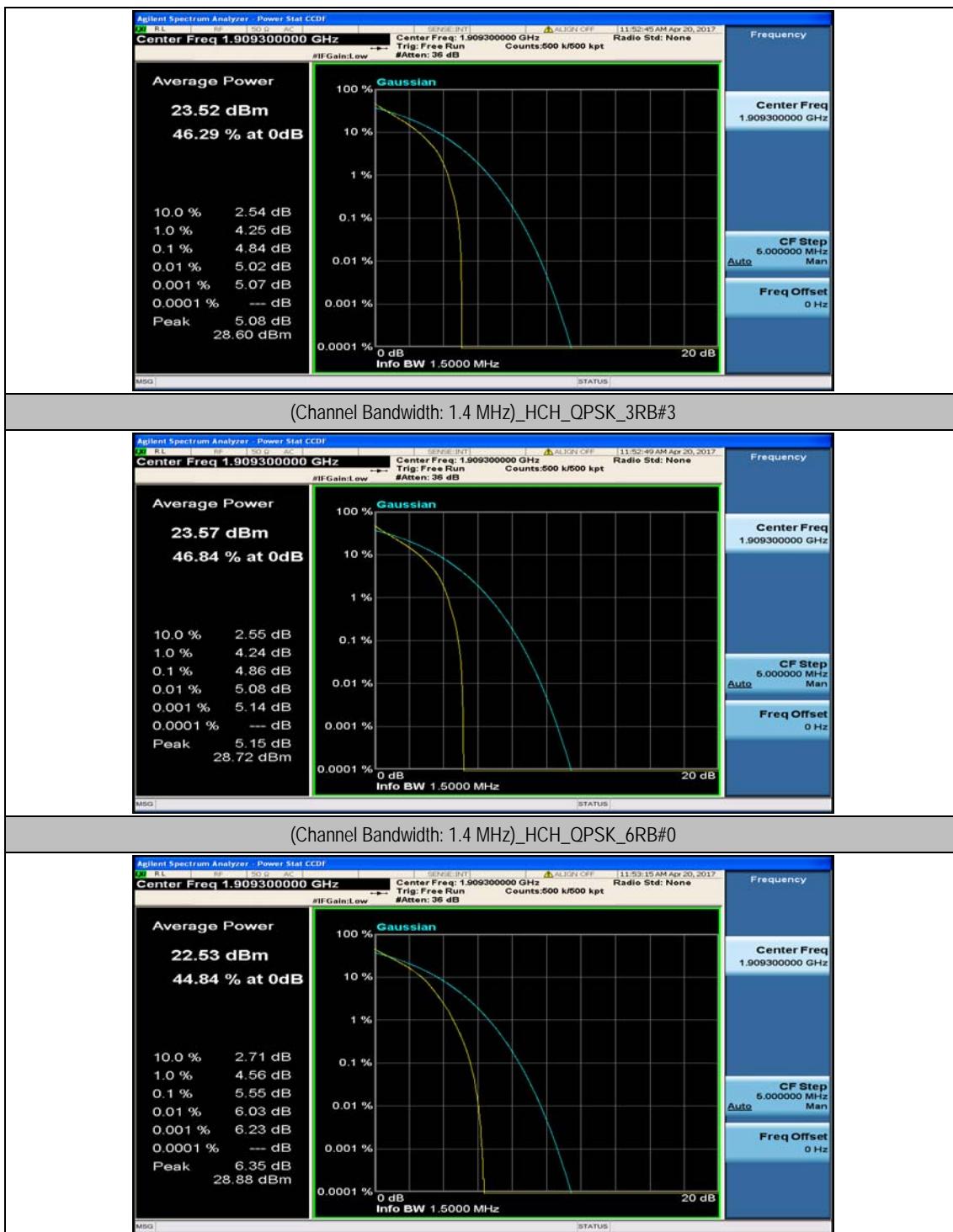


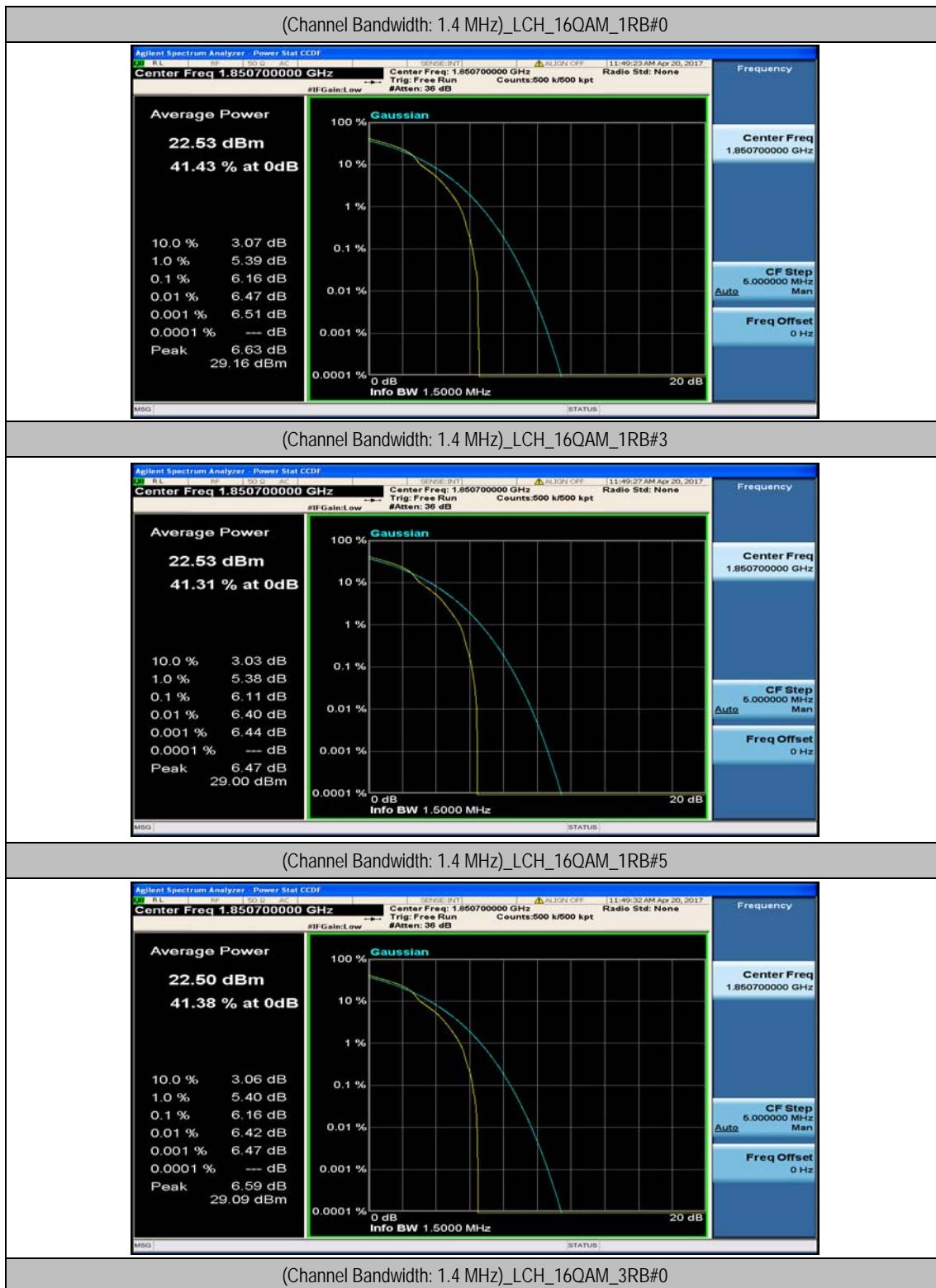


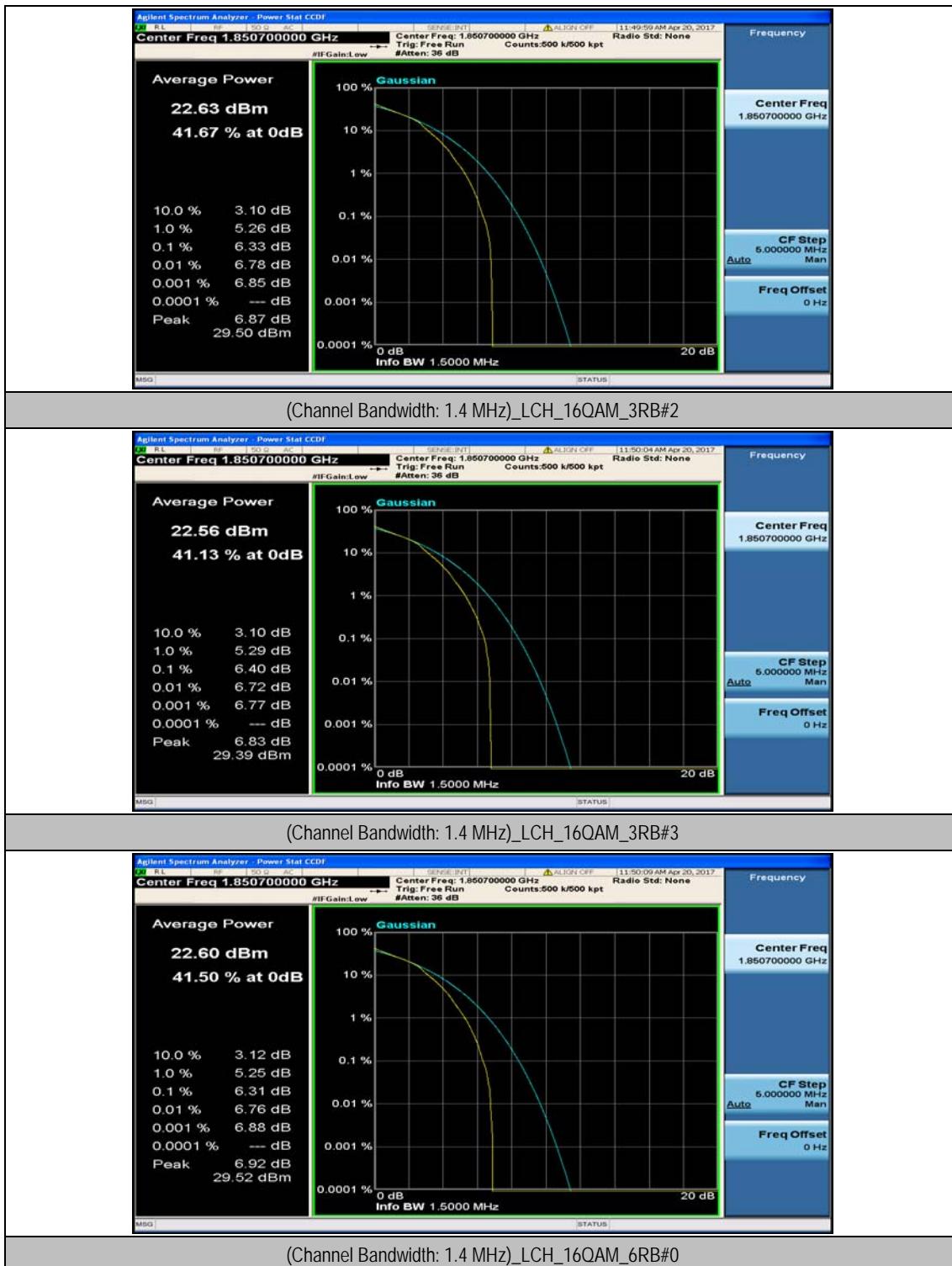


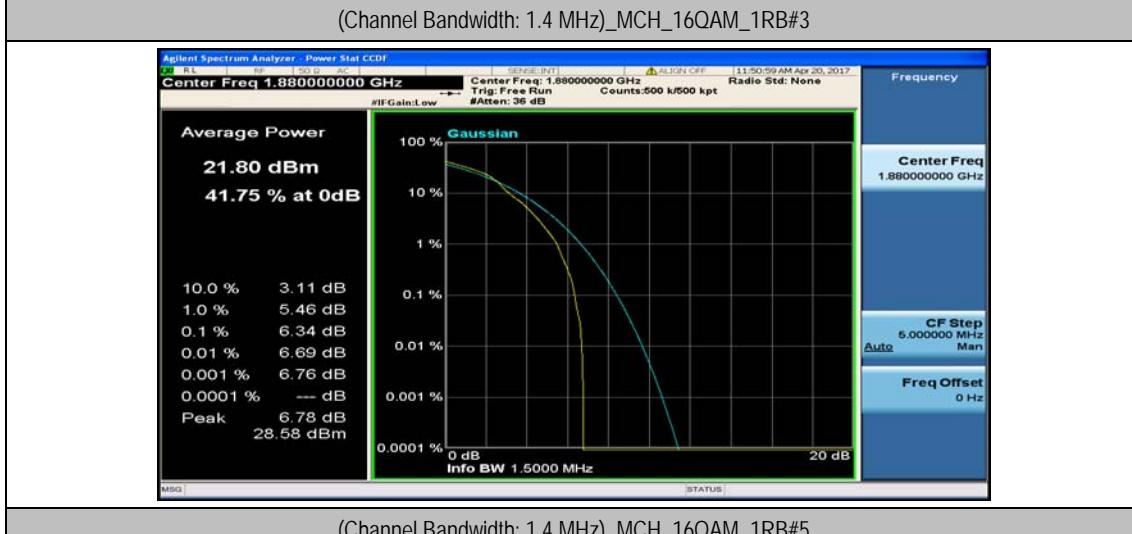
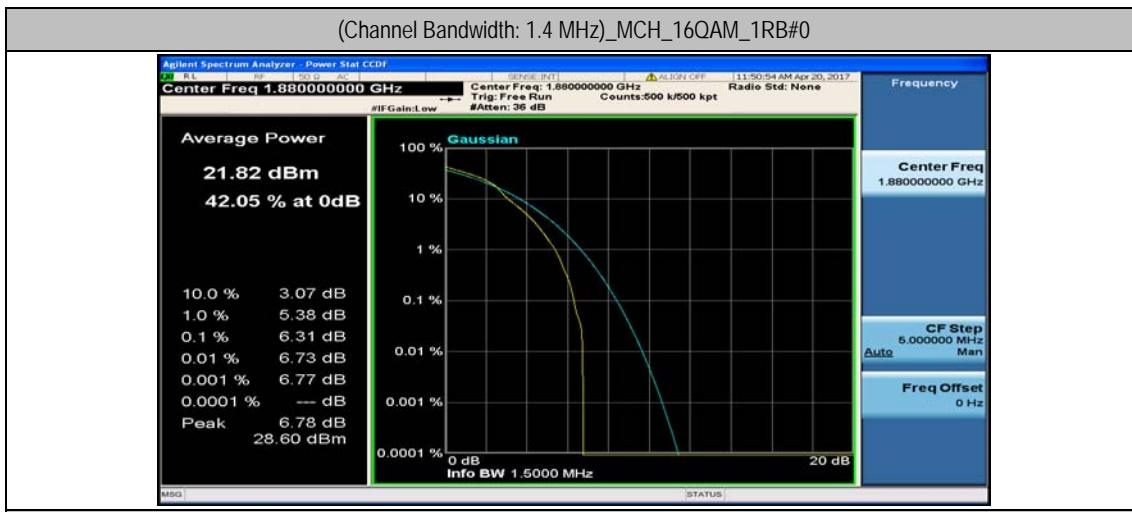


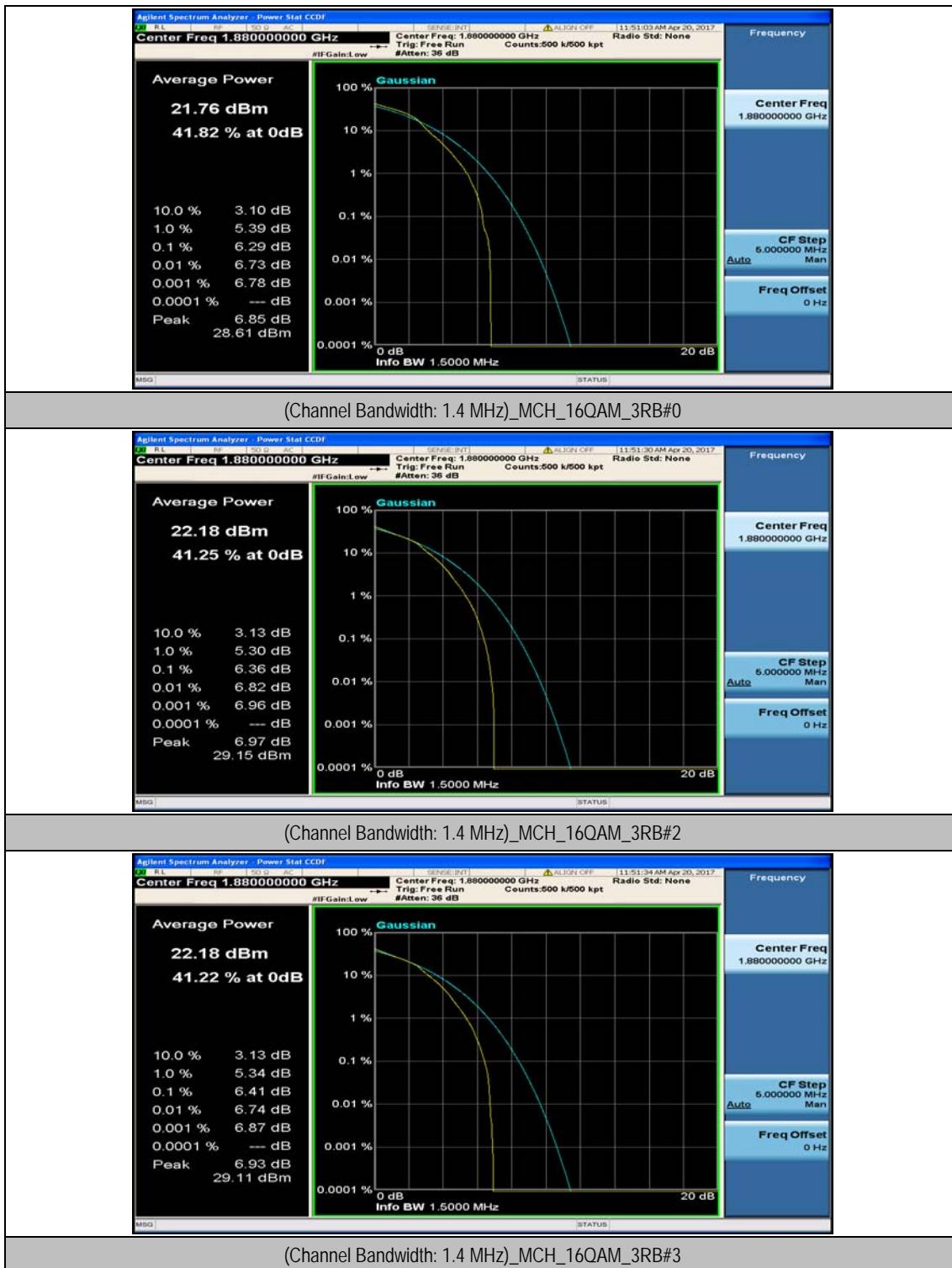


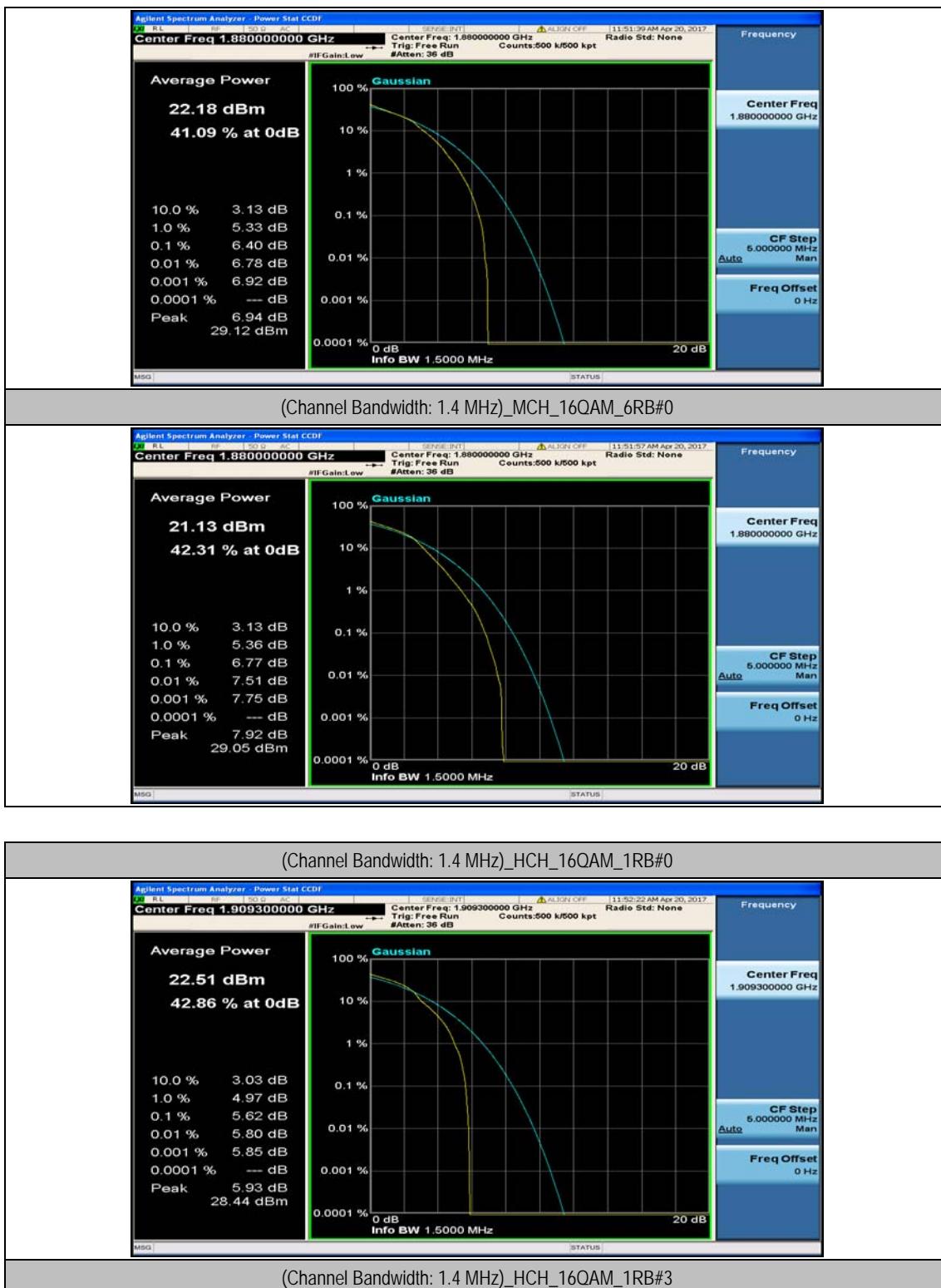


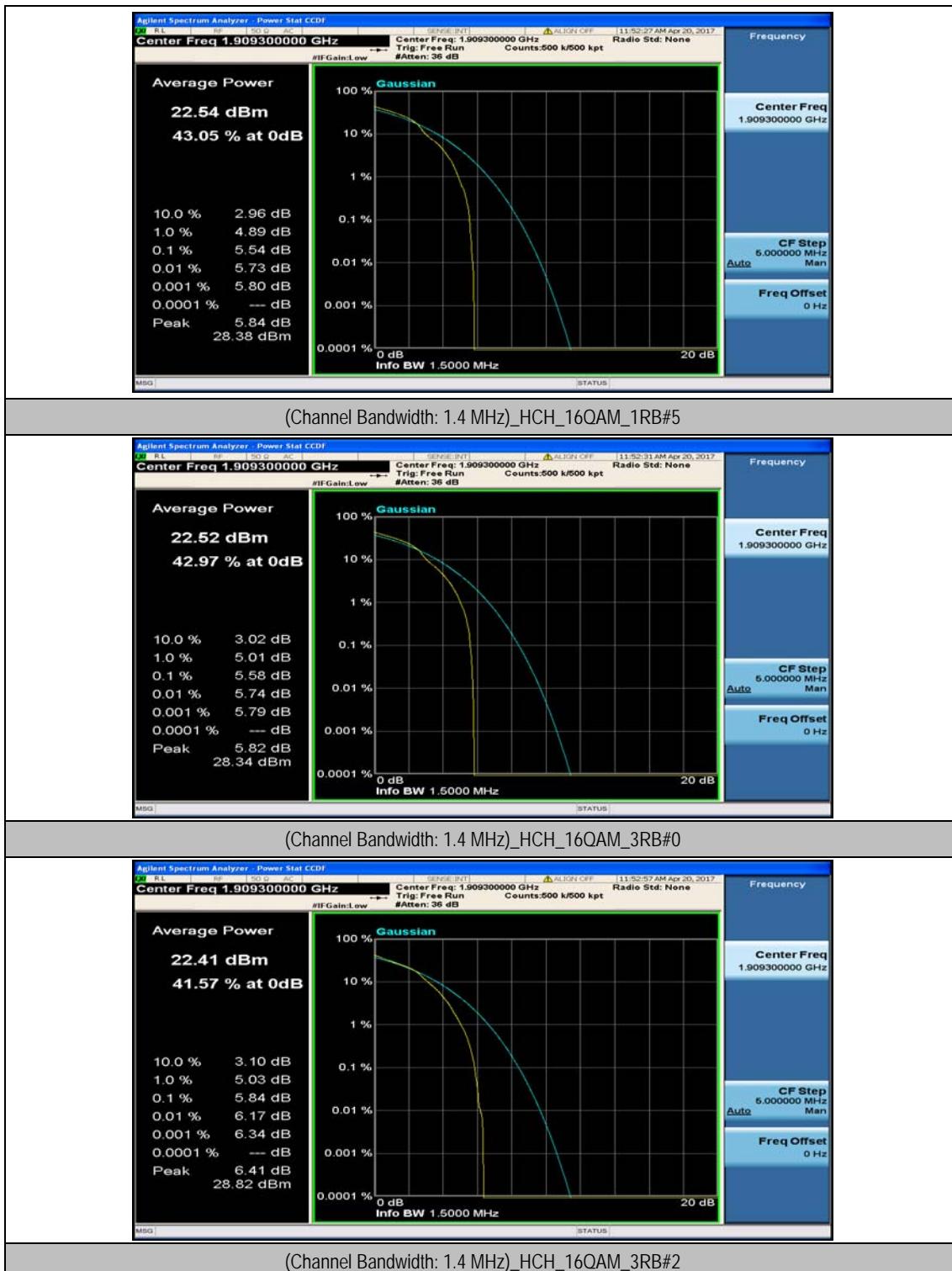


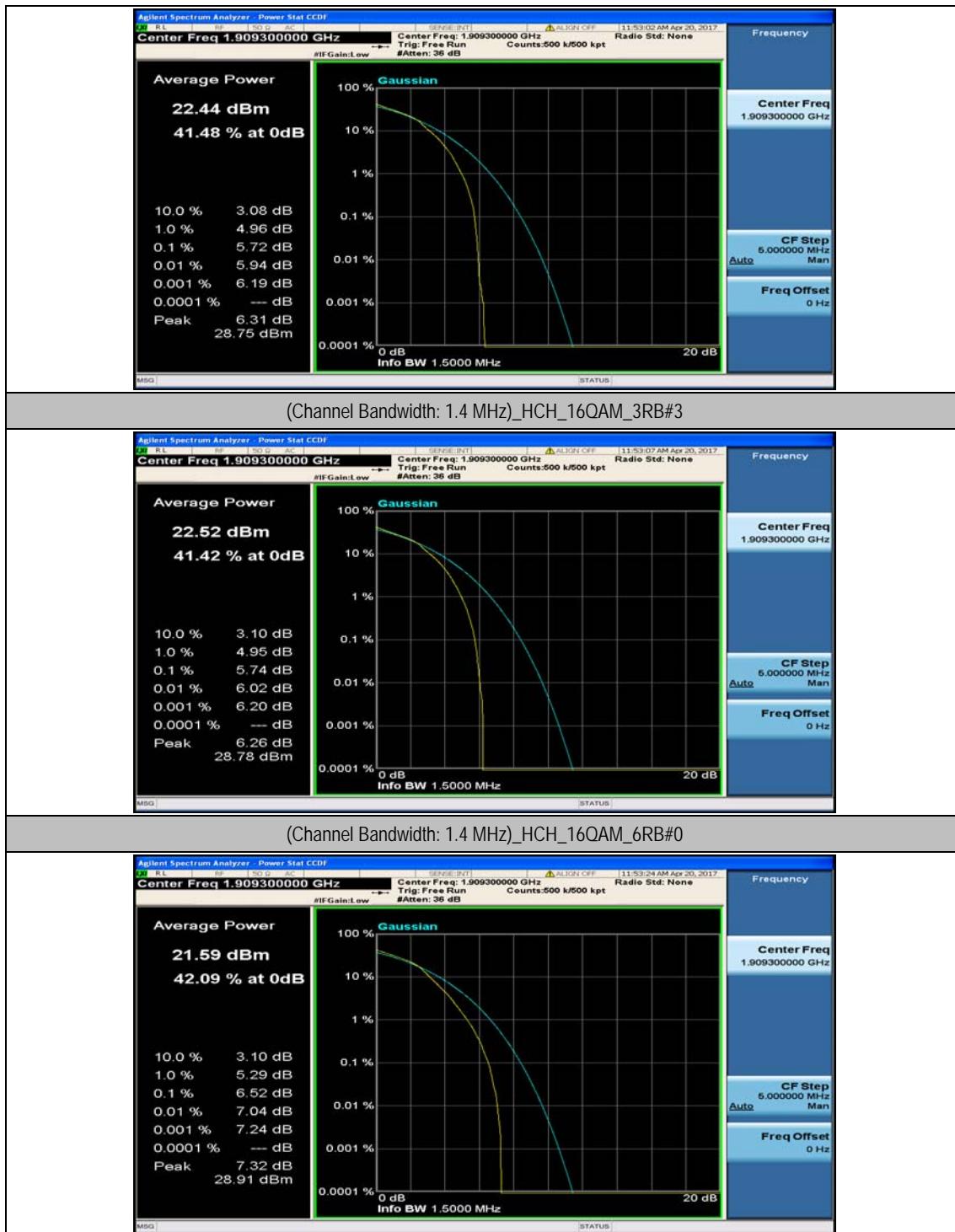




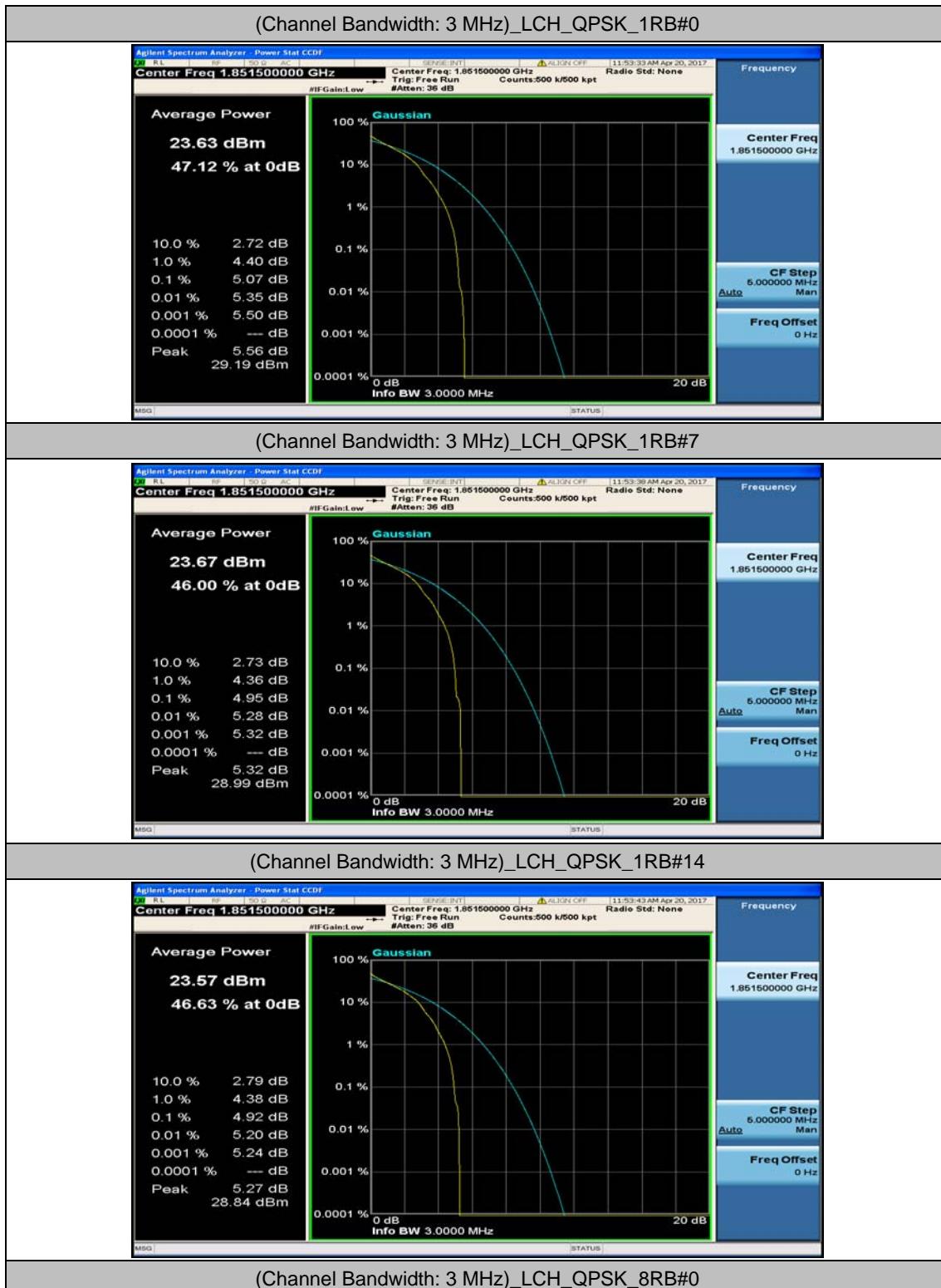


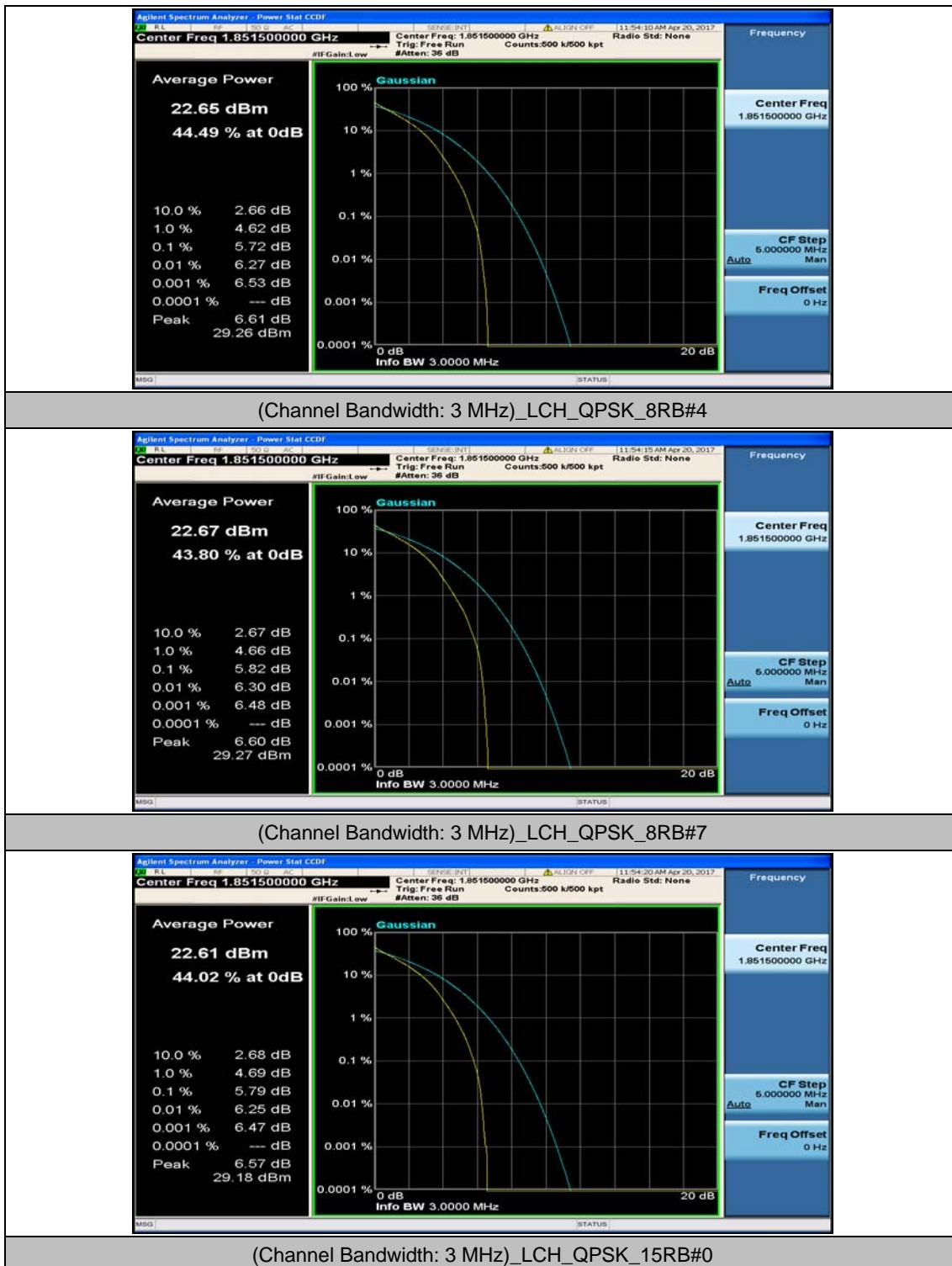


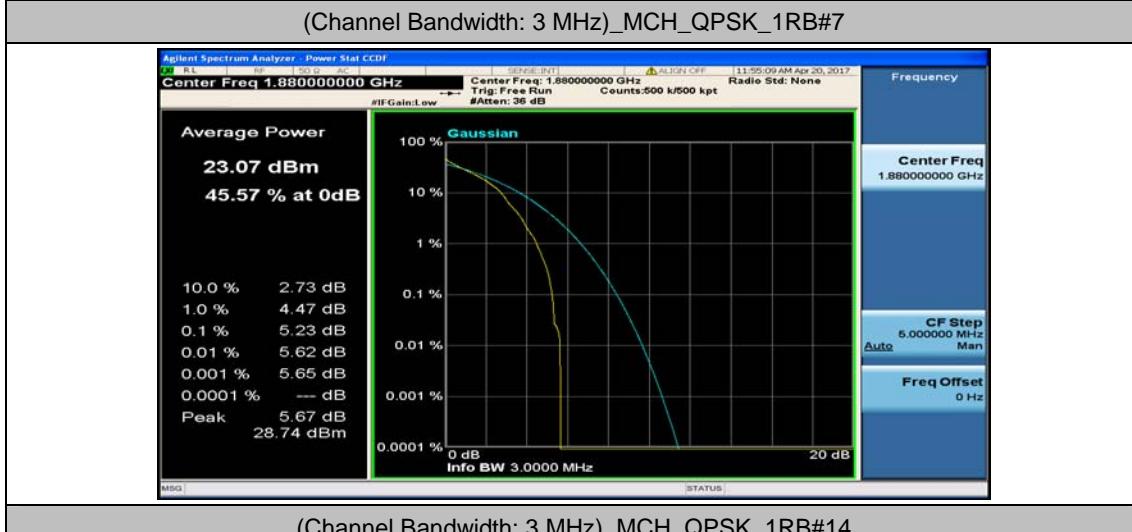
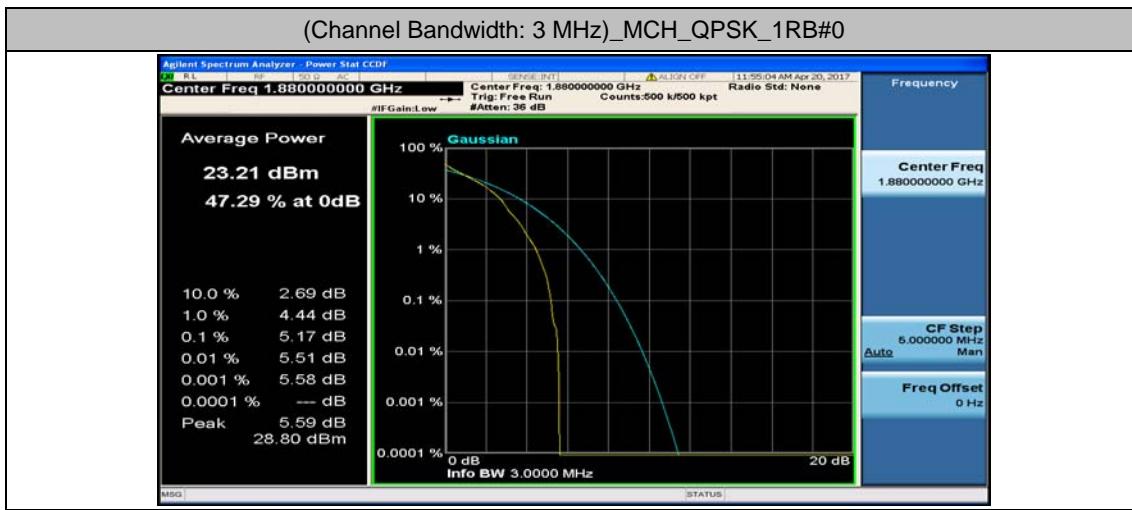
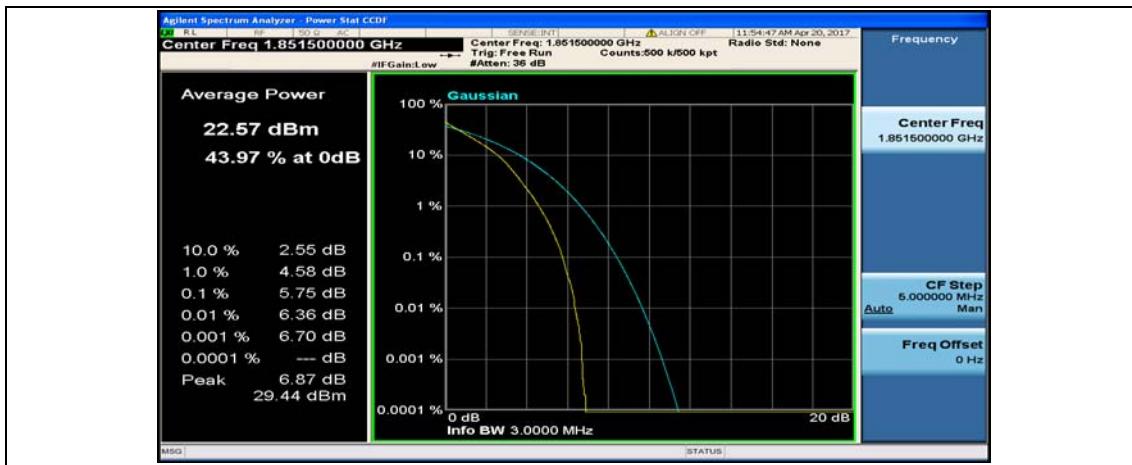




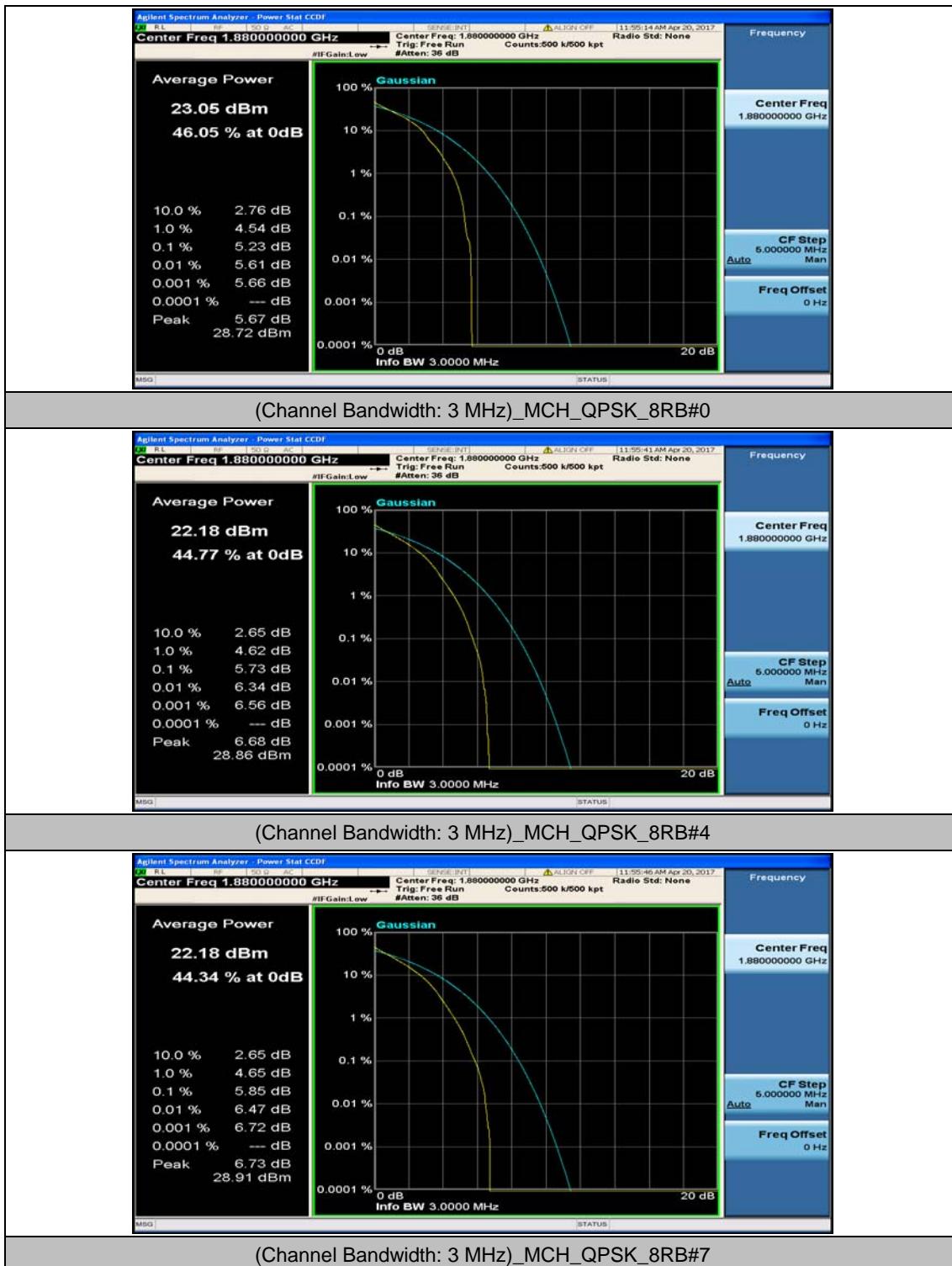
## Channel Bandwidth: 3 MHz

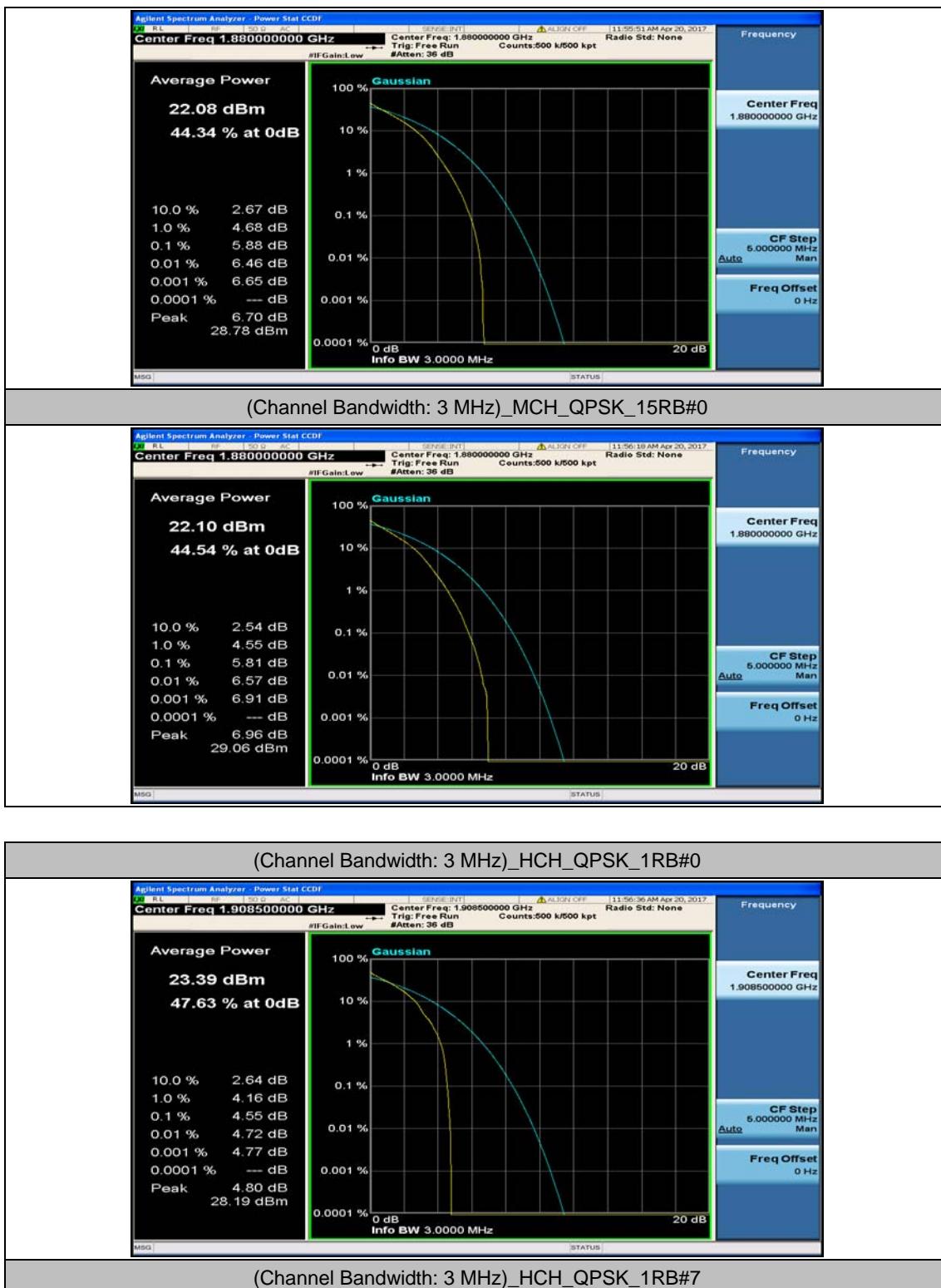


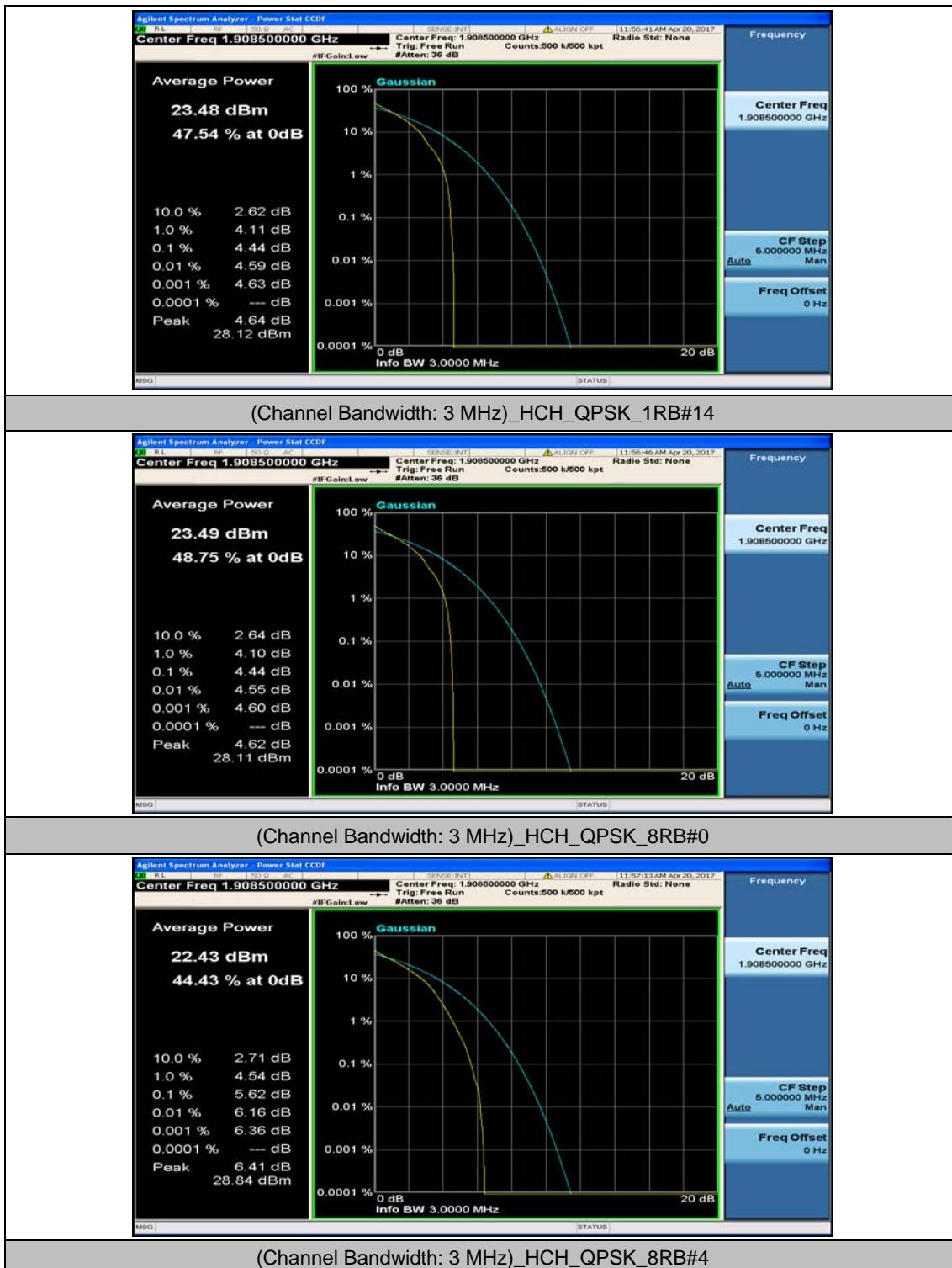


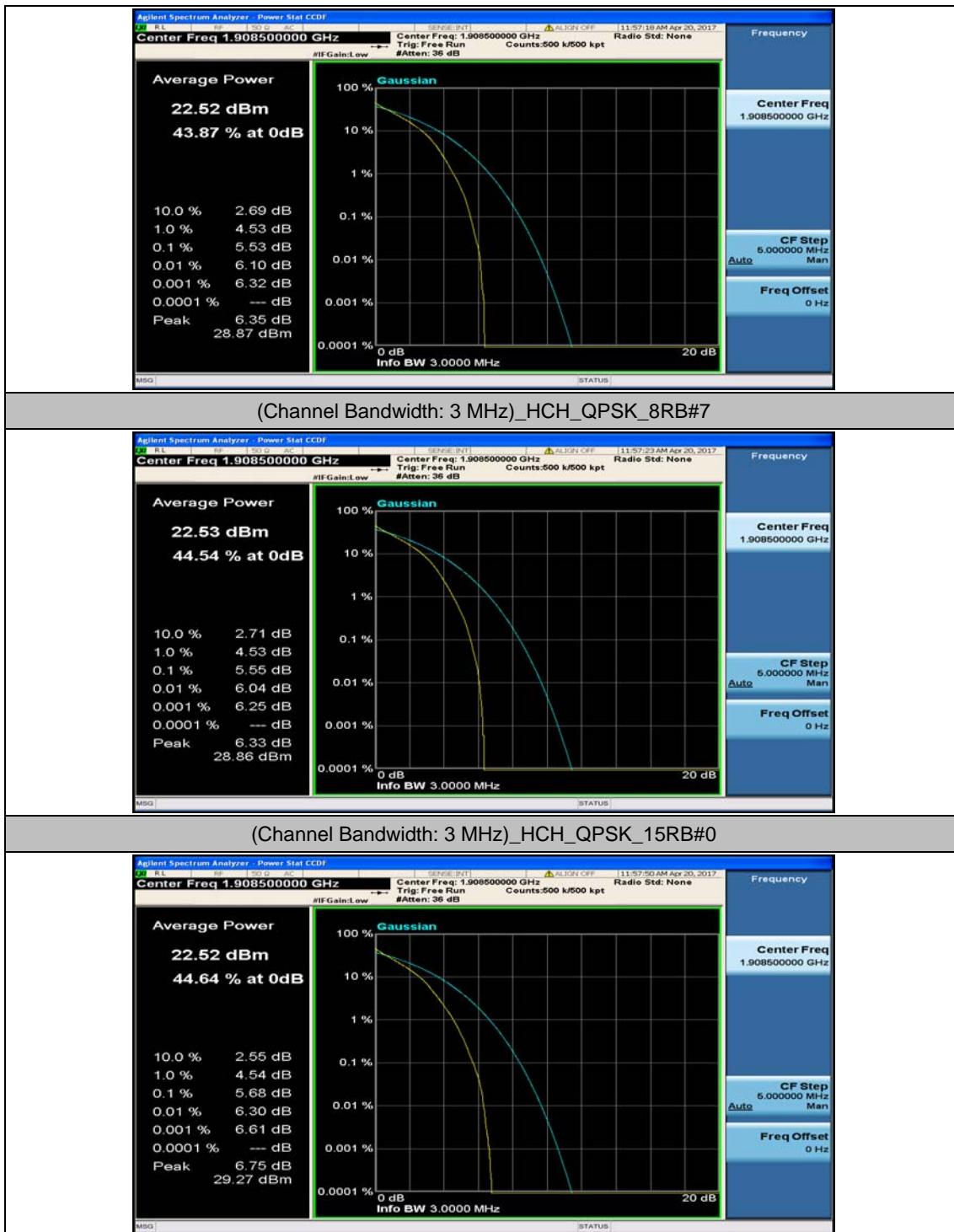


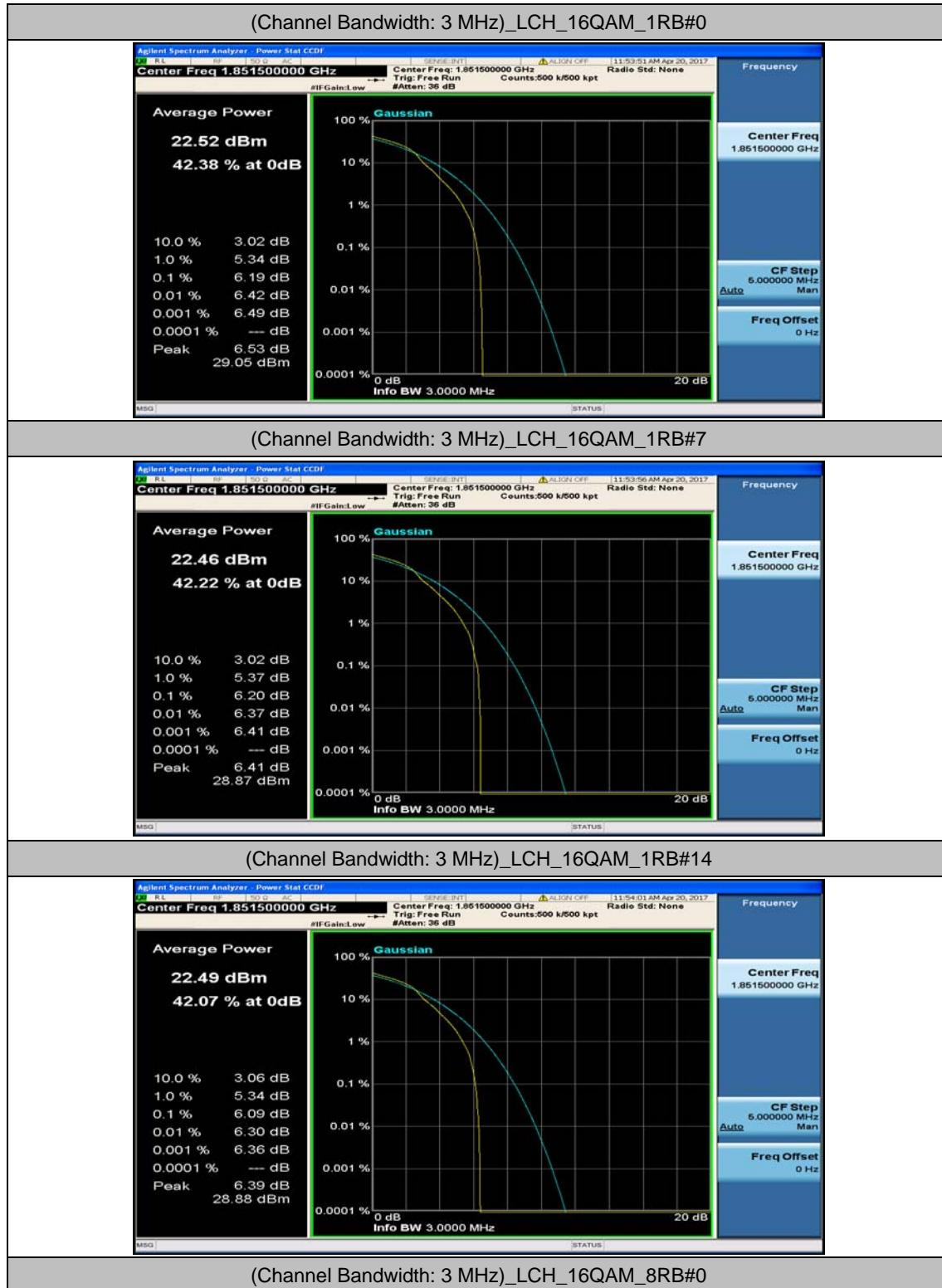
(Channel Bandwidth: 3 MHz)\_MCH\_QPSK\_1RB#14

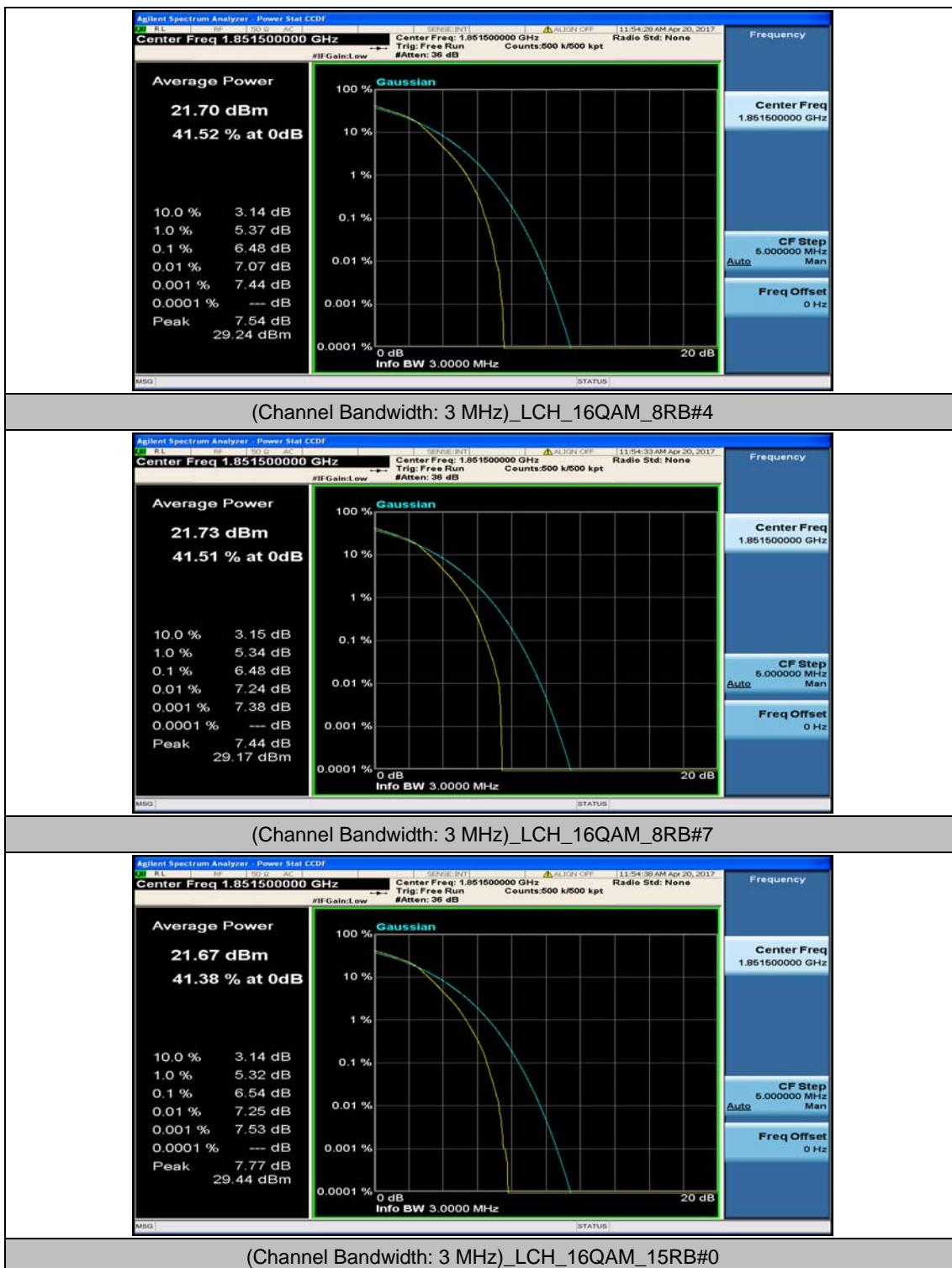


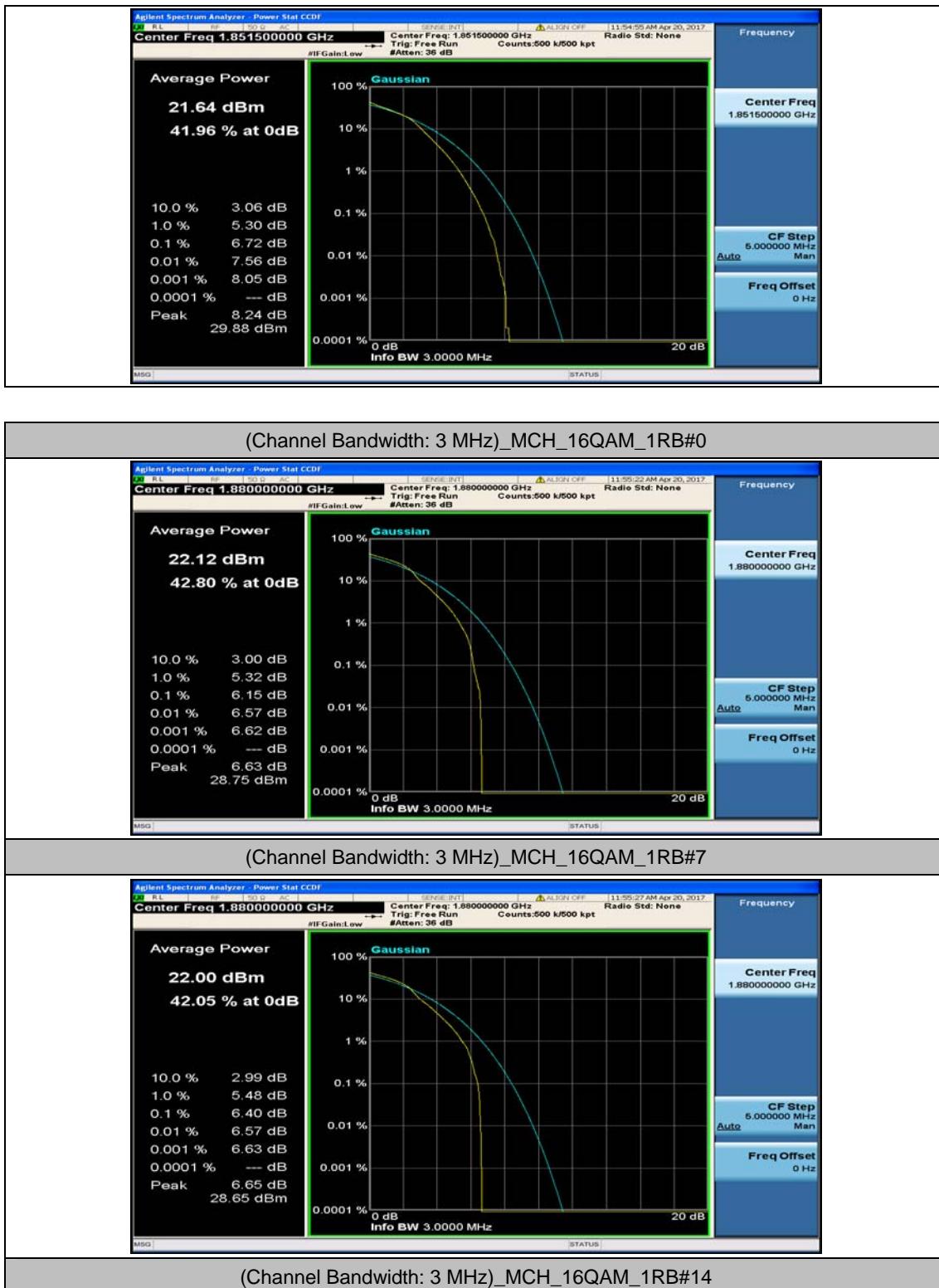


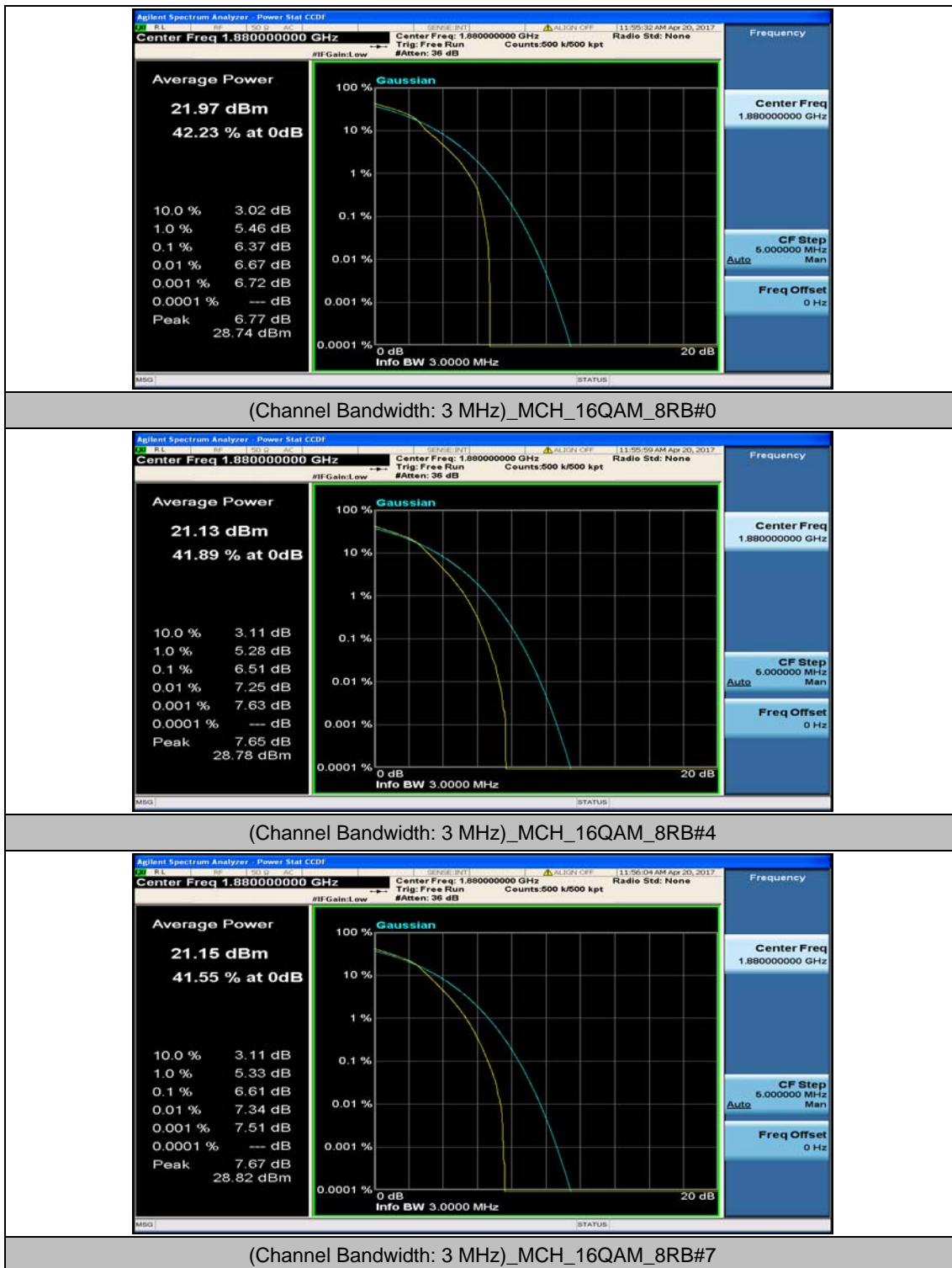


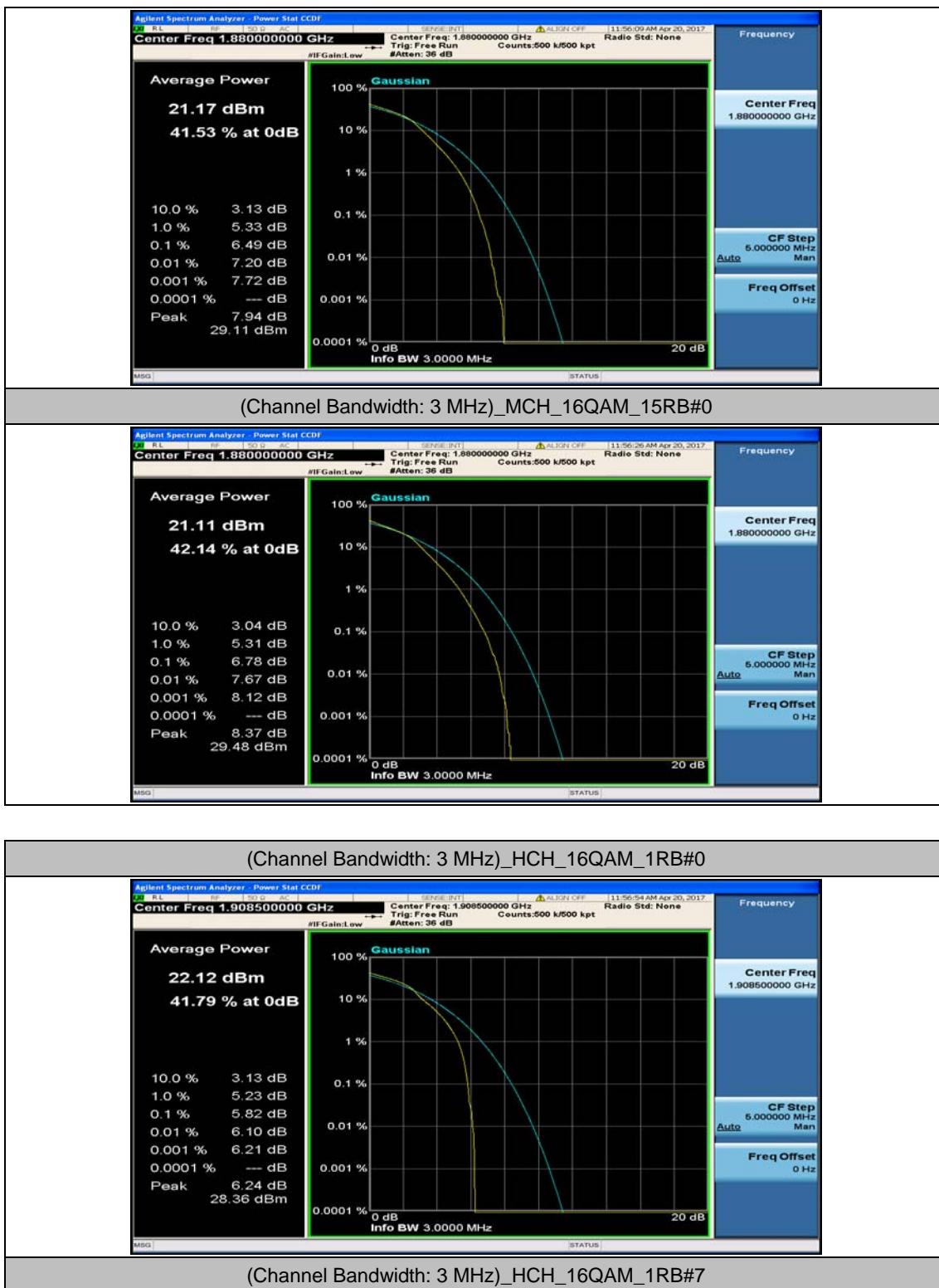


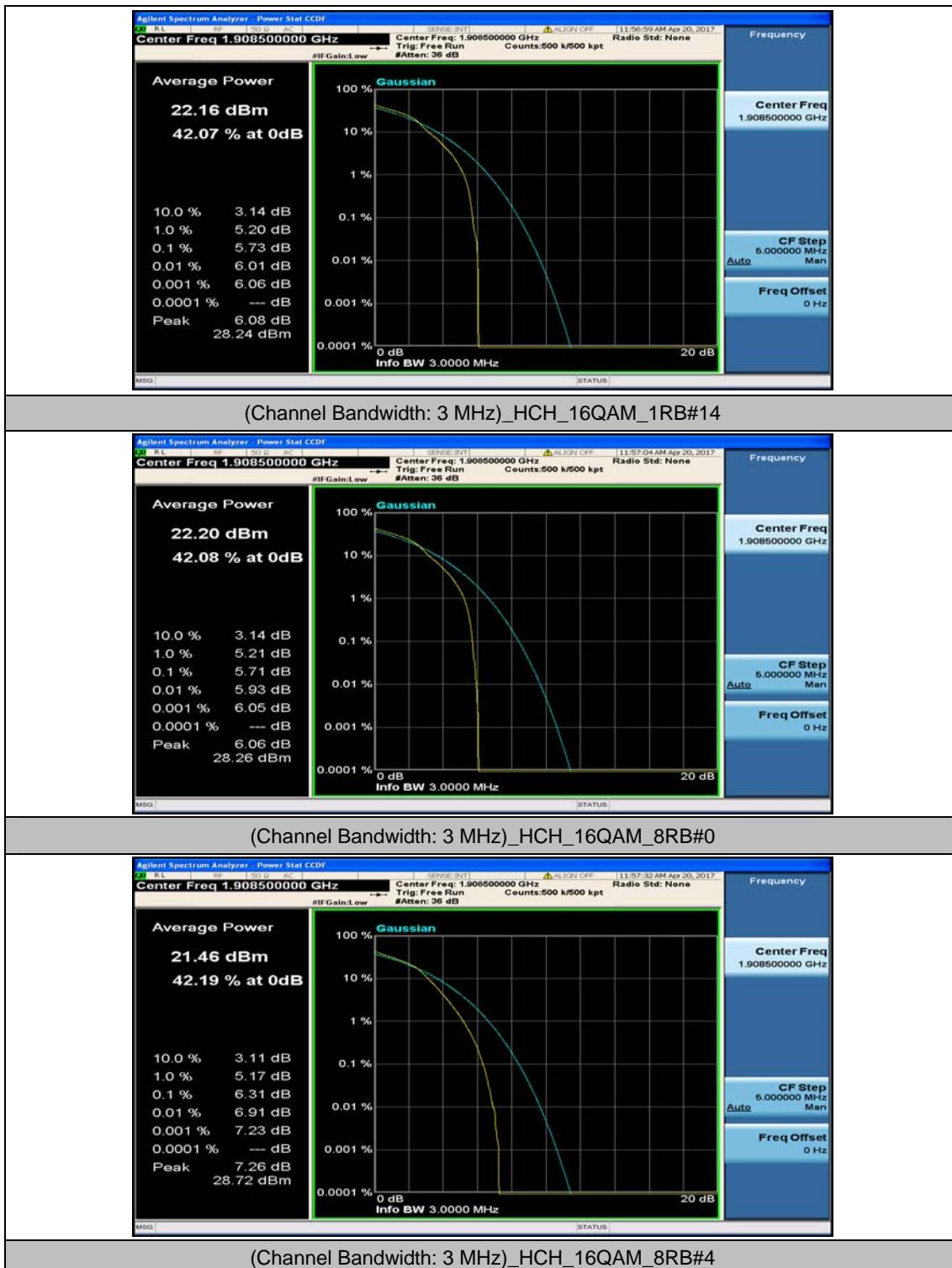


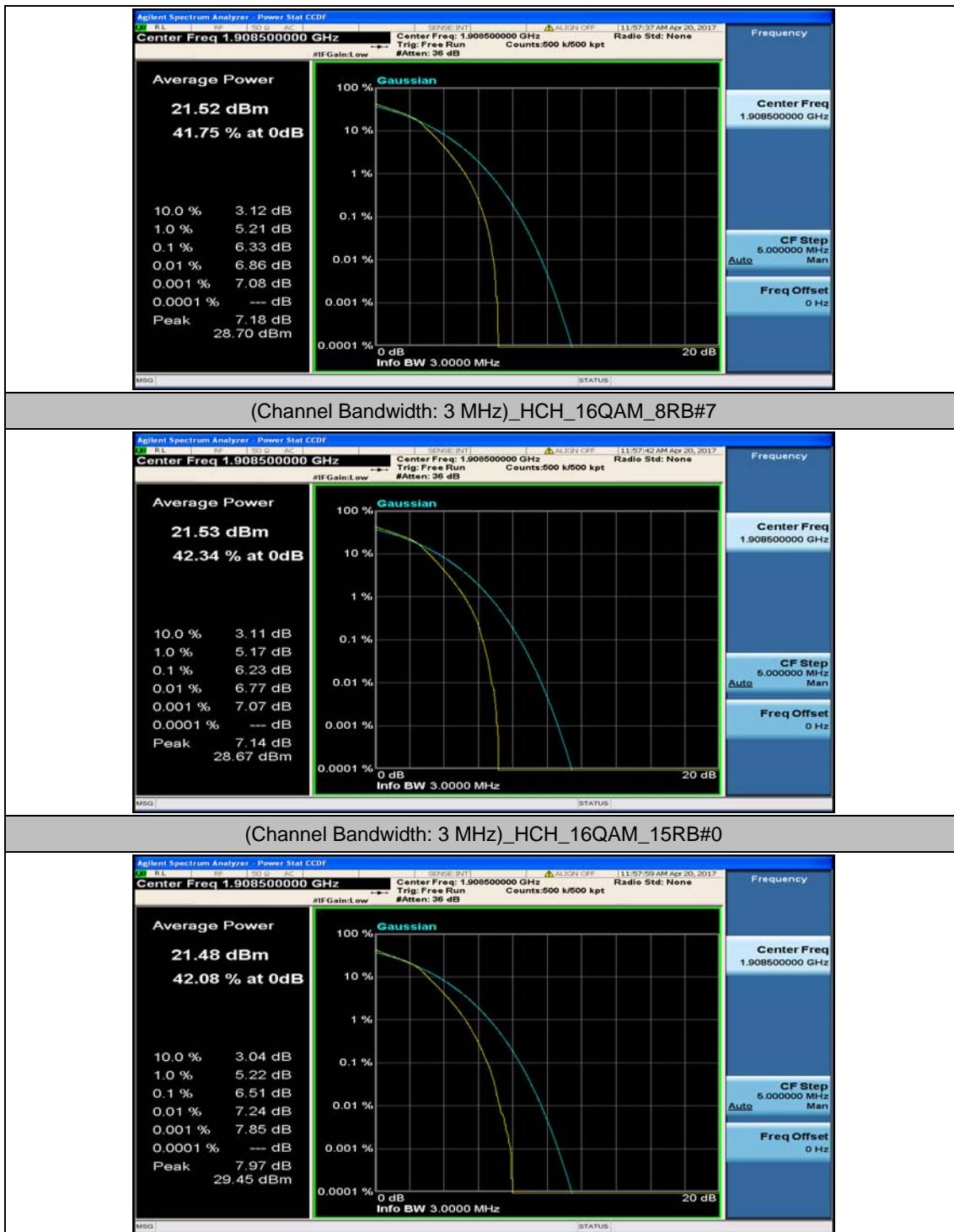




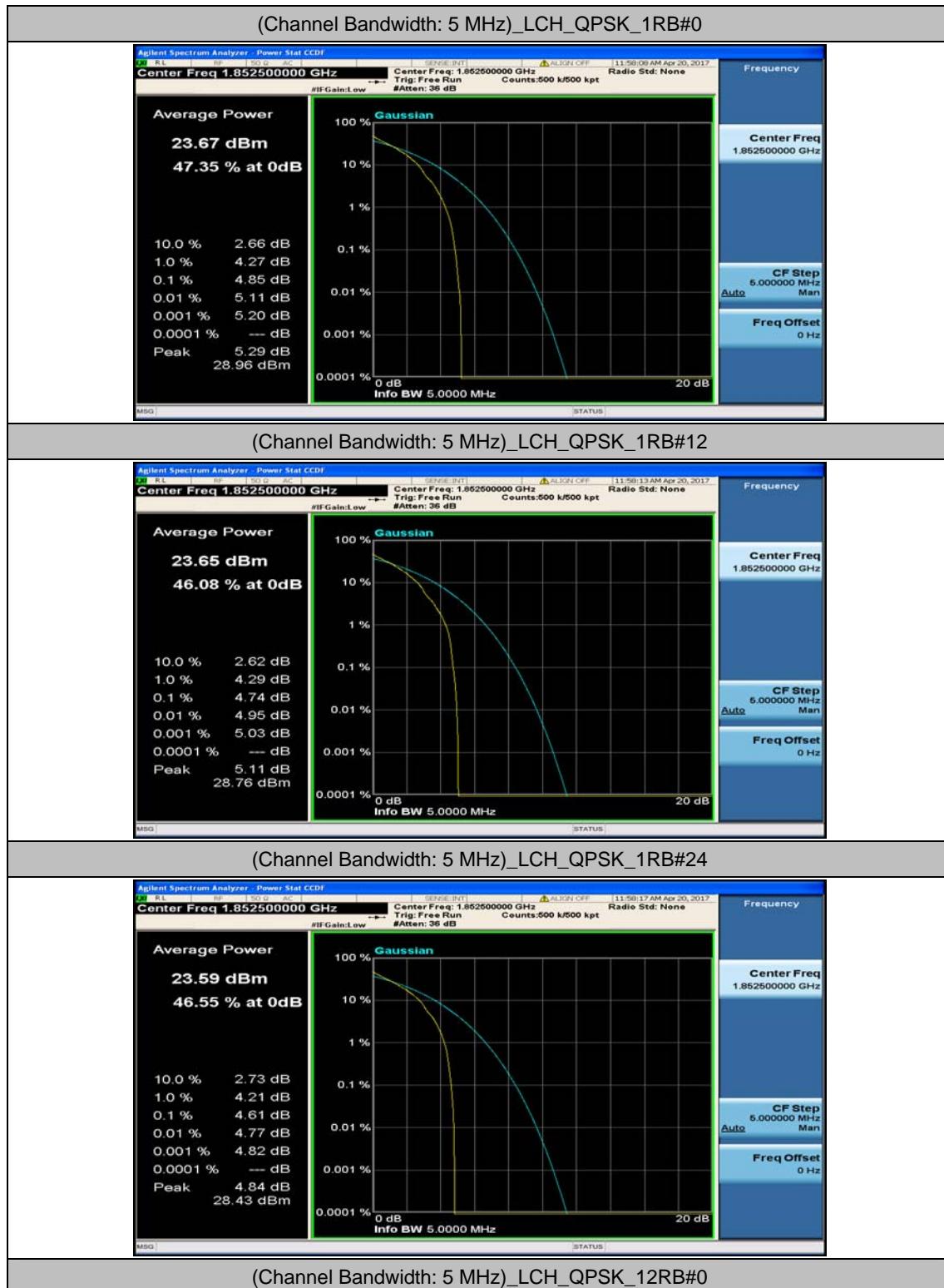


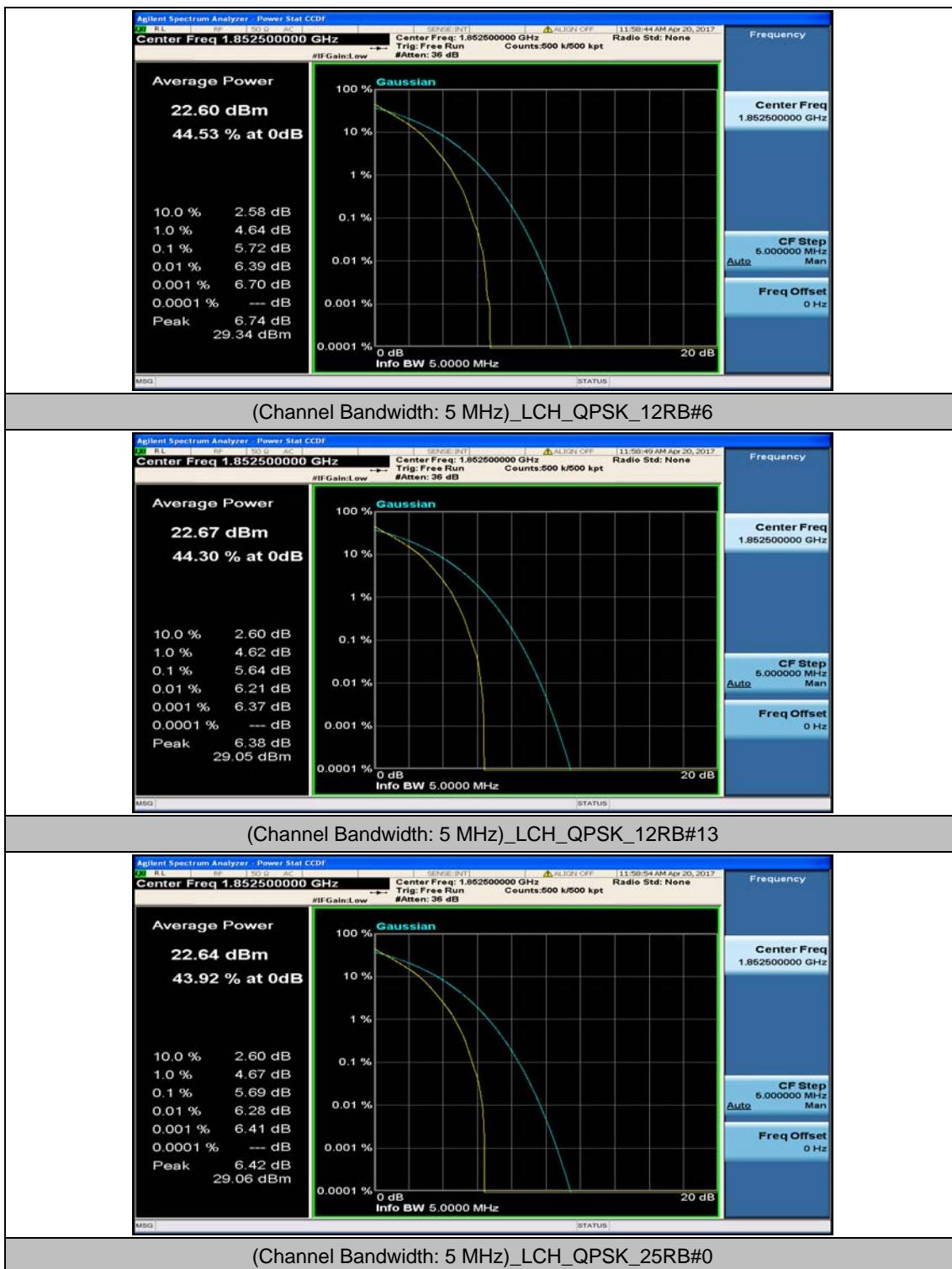


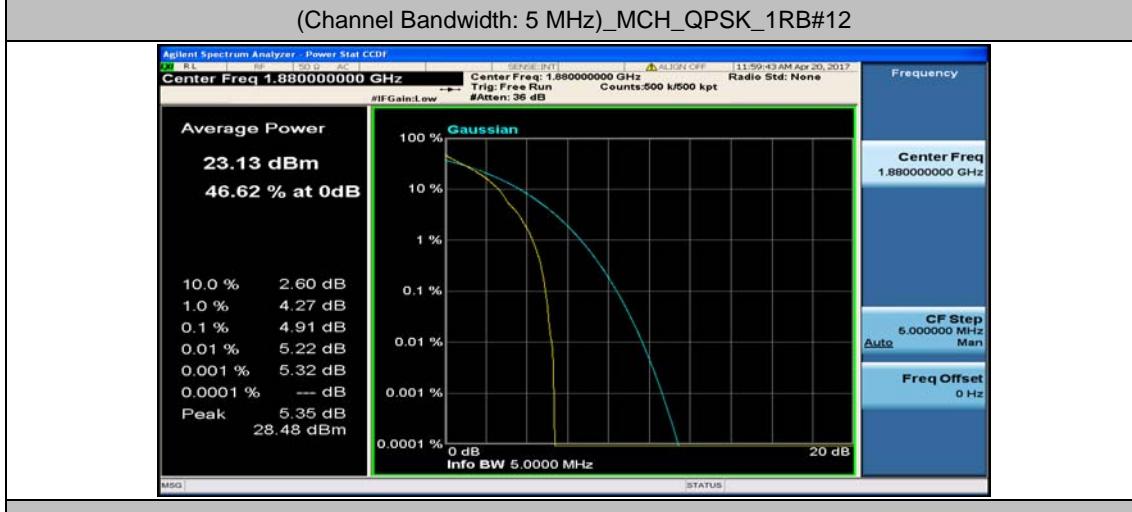
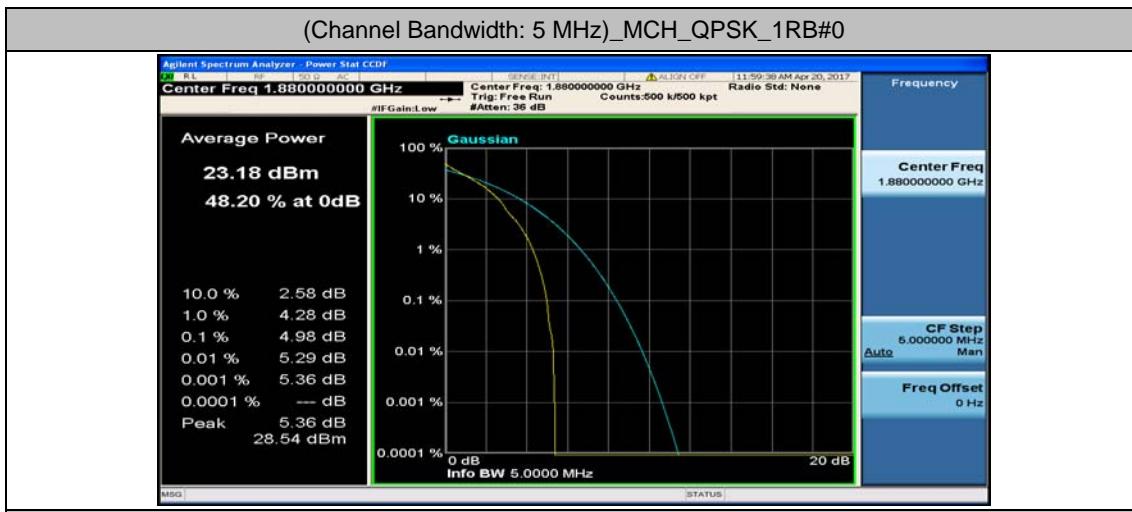
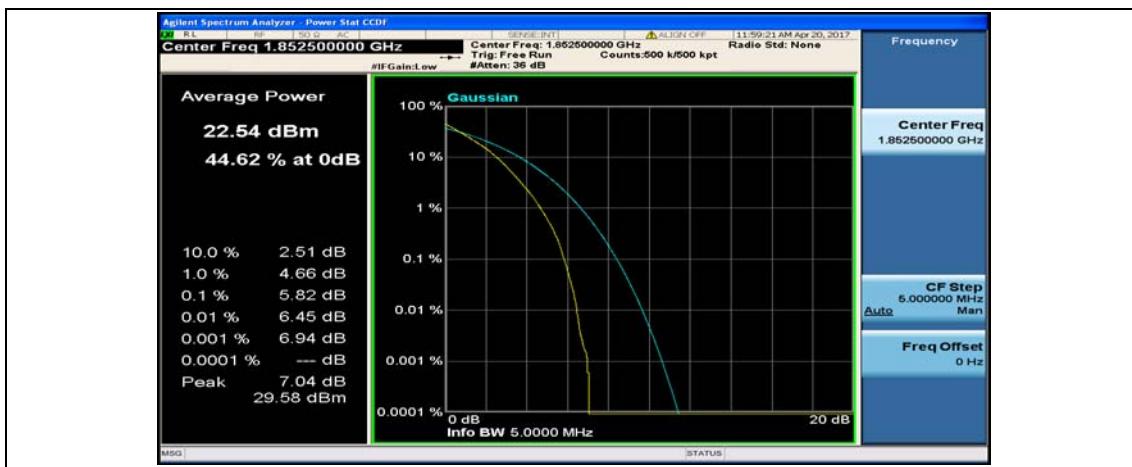




## Channel Bandwidth: 5 MHz







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

