

## Appendix for Band 7

### Appendix A: Average Power Output Data

#### Test Result

##### Channel Bandwidth: 5 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.82	PASS
		1	12	22.91	PASS
		1	24	23.29	PASS
		12	0	22.22	PASS
		12	6	22.25	PASS
		12	13	22.30	PASS
		25	0	22.05	PASS
	MCH	1	0	23.87	PASS
		1	12	23.79	PASS
		1	24	23.68	PASS
		12	0	22.69	PASS
		12	6	22.73	PASS
		12	13	22.77	PASS
		25	0	22.78	PASS
16QAM	HCH	1	0	22.85	PASS
		1	12	22.01	PASS
		1	24	22.49	PASS
		12	0	21.46	PASS
		12	6	21.14	PASS
		12	13	21.20	PASS
		25	0	21.22	PASS
	LCH	1	0	22.41	PASS
		1	12	22.60	PASS
		1	24	22.59	PASS
		12	0	21.26	PASS
		12	6	21.28	PASS
		12	13	21.30	PASS
		25	0	21.08	PASS
	MCH	1	0	22.46	PASS
		1	12	22.54	PASS
		1	24	22.60	PASS
		12	0	21.63	PASS

		12	6	21.75	PASS
		12	13	21.87	PASS
		25	0	21.80	PASS
HCH		1	0	22.07	PASS
		1	12	21.32	PASS
		1	24	21.65	PASS
		12	0	20.60	PASS
		12	6	20.33	PASS
		12	13	20.47	PASS
		25	0	20.46	PASS

### Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.93	PASS
		1	24	23.13	PASS
		1	49	23.28	PASS
		25	0	22.16	PASS
		25	12	22.22	PASS
		25	25	22.28	PASS
		50	0	22.25	PASS
	MCH	1	0	23.87	PASS
		1	24	23.89	PASS
		1	49	23.86	PASS
		25	0	23.02	PASS
		25	12	23.04	PASS
		25	25	23.08	PASS
		50	0	23.05	PASS
	HCH	1	0	22.94	PASS
		1	24	22.02	PASS
		1	49	21.62	PASS
		25	0	21.73	PASS
		25	12	21.21	PASS
		25	25	20.82	PASS
		50	0	21.17	PASS
16QAM	LCH	1	0	22.16	PASS
		1	24	22.35	PASS
		1	49	22.49	PASS
		25	0	21.20	PASS
		25	12	21.24	PASS
		25	25	21.28	PASS
		50	0	21.28	PASS

		1	0	23.18	PASS
		1	24	23.20	PASS
		1	49	23.21	PASS
	MCH	25	0	22.02	PASS
		25	12	22.06	PASS
		25	25	22.08	PASS
		50	0	22.07	PASS
		1	0	22.44	PASS
	HCH	1	24	21.58	PASS
		1	49	21.09	PASS
		25	0	20.87	PASS
		25	12	20.38	PASS
		25	25	19.91	PASS
		50	0	20.33	PASS

### Channel Bandwidth: 15 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.67	PASS
		1	37	23.14	PASS
		1	74	23.31	PASS
		37	0	22.15	PASS
		37	18	22.23	PASS
		37	38	22.37	PASS
		75	0	22.35	PASS
	MCH	1	0	23.42	PASS
		1	37	23.72	PASS
		1	74	23.68	PASS
		37	0	22.76	PASS
		37	18	22.82	PASS
		37	38	22.82	PASS
		75	0	22.79	PASS
	HCH	1	0	23.63	PASS
		1	37	22.39	PASS
		1	74	21.75	PASS
		37	0	22.47	PASS
		37	18	21.78	PASS
		37	38	21.05	PASS
		75	0	21.86	PASS
16QAM	LCH	1	0	22.05	PASS
		1	37	22.42	PASS
		1	74	22.55	PASS

		37	0	21.17	PASS
		37	18	21.26	PASS
		37	38	21.40	PASS
		75	0	21.32	PASS
MCH		1	0	22.86	PASS
		1	37	23.09	PASS
		1	74	23.08	PASS
		37	0	21.87	PASS
		37	18	21.93	PASS
		37	38	21.93	PASS
		75	0	21.97	PASS
		1	0	22.99	PASS
HCH		1	37	21.89	PASS
		1	74	21.10	PASS
		37	0	21.59	PASS
		37	18	20.94	PASS
		37	38	20.23	PASS
		75	0	20.97	PASS

## Channel Bandwidth: 20 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.96	PASS
		1	49	23.37	PASS
		1	99	23.92	PASS
		50	0	22.23	PASS
		50	25	22.33	PASS
		50	50	22.47	PASS
		100	0	22.31	PASS
	MCH	1	0	23.31	PASS
		1	49	23.66	PASS
		1	99	23.71	PASS
		50	0	22.61	PASS
		50	25	22.71	PASS
		50	50	22.74	PASS
		100	0	22.62	PASS
	HCH	1	0	23.90	PASS
		1	49	23.01	PASS
		1	99	22.90	PASS
		50	0	23.14	PASS
		50	25	22.21	PASS
		50	50	21.32	PASS

		100	0	22.21	PASS
16QAM	LCH	1	0	22.04	PASS
		1	49	22.48	PASS
		1	99	22.76	PASS
		50	0	21.24	PASS
		50	25	21.30	PASS
		50	50	21.46	PASS
		100	0	21.33	PASS
	MCH	1	0	22.58	PASS
		1	49	23.06	PASS
		1	99	23.03	PASS
		50	0	21.59	PASS
		50	25	21.77	PASS
		50	50	21.80	PASS
		100	0	21.68	PASS
	HCH	1	0	23.26	PASS
		1	49	22.46	PASS
		1	99	21.31	PASS
		50	0	21.91	PASS
		50	25	21.42	PASS
		50	50	20.55	PASS
		100	0	21.31	PASS

## Appendix B: Peak-to-Average Ratio

### Test Result

#### 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	3.44	<13	PASS
		1	12	3.55	<13	PASS
		1	24	3.76	<13	PASS
		12	0	5.1	<13	PASS
		12	6	5.08	<13	PASS
		12	13	5.16	<13	PASS
		25	0	5.39	<13	PASS
	MCH	1	0	3.96	<13	PASS
		1	12	4.04	<13	PASS
		1	24	3.96	<13	PASS
		12	0	5.41	<13	PASS
		12	6	5.43	<13	PASS
		12	13	5.44	<13	PASS
		25	0	5.62	<13	PASS
16QAM	LCH	1	0	4.17	<13	PASS
		1	12	4.37	<13	PASS
		1	24	3.57	<13	PASS
		12	0	5.7	<13	PASS
		12	6	5.68	<13	PASS
		12	13	5.57	<13	PASS
		25	0	5.76	<13	PASS
	MCH	1	0	4.36	<13	PASS
		1	12	4.51	<13	PASS
		1	24	4.55	<13	PASS
		12	0	5.94	<13	PASS
		12	6	5.91	<13	PASS
		12	13	5.99	<13	PASS
		25	0	6.12	<13	PASS

		12	13	6.34	<13	PASS
		25	0	6.37	<13	PASS
HCH	1	0	4.96	<13	PASS	
	1	12	5.12	<13	PASS	
	1	24	4.6	<13	PASS	
	12	0	6.35	<13	PASS	
	12	6	6.35	<13	PASS	
	12	13	6.22	<13	PASS	
	25	0	6.48	<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	3.9	<13	PASS
		1	24	3.65	<13	PASS
		1	49	3.74	<13	PASS
		25	0	5.14	<13	PASS
		25	12	5.16	<13	PASS
		25	25	5.18	<13	PASS
		50	0	5.36	<13	PASS
	MCH	1	0	4.41	<13	PASS
		1	24	4.19	<13	PASS
		1	49	4.34	<13	PASS
		25	0	5.61	<13	PASS
		25	12	5.6	<13	PASS
		25	25	5.58	<13	PASS
		50	0	5.64	<13	PASS
	HCH	1	0	3.97	<13	PASS
		1	24	4.39	<13	PASS
		1	49	4.05	<13	PASS
		25	0	5.54	<13	PASS
		25	12	5.71	<13	PASS
		25	25	5.71	<13	PASS
		50	0	5.73	<13	PASS
16QAM	LCH	1	0	4.74	<13	PASS
		1	24	4.47	<13	PASS
		1	49	4.54	<13	PASS
		25	0	5.99	<13	PASS
		25	12	5.99	<13	PASS
		25	25	6	<13	PASS

		50	0	6.05	<13	PASS
MCH	1	0	5.16	<13	PASS	
	1	24	4.86	<13	PASS	
	1	49	4.96	<13	PASS	
	25	0	6.39	<13	PASS	
	25	12	6.37	<13	PASS	
	25	25	6.33	<13	PASS	
	50	0	6.37	<13	PASS	
HCH	1	0	4.75	<13	PASS	
	1	24	5.11	<13	PASS	
	1	49	4.88	<13	PASS	
	25	0	6.33	<13	PASS	
	25	12	6.43	<13	PASS	
	25	25	6.43	<13	PASS	
	50	0	6.43	<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	9.73	<13	PASS
		1	37	3.63	<13	PASS
		1	74	8.38	<13	PASS
		37	0	4.71	<13	PASS
		37	18	5.24	<13	PASS
		37	38	4.72	<13	PASS
		75	0	4.91	<13	PASS
QPSK	MCH	1	0	9.34	<13	PASS
		1	37	4.15	<13	PASS
		1	74	8.64	<13	PASS
		37	0	4.82	<13	PASS
		37	18	5.62	<13	PASS
		37	38	4.91	<13	PASS
		75	0	4.98	<13	PASS
QPSK	HCH	1	0	9.21	<13	PASS
		1	37	4.3	<13	PASS
		1	74	8.28	<13	PASS
		37	0	4.63	<13	PASS
		37	18	5.5	<13	PASS
		37	38	4.96	<13	PASS
		75	0	5.01	<13	PASS

16QAM	LCH	1	0	9.41	<13	PASS
		1	37	4.45	<13	PASS
		1	74	9.08	<13	PASS
		37	0	5.9	<13	PASS
		37	18	6.02	<13	PASS
		37	38	5.94	<13	PASS
		75	0	6.23	<13	PASS
	MCH	1	0	9.52	<13	PASS
		1	37	4.85	<13	PASS
		1	74	9.06	<13	PASS
		37	0	6.08	<13	PASS
		37	18	6.38	<13	PASS
		37	38	6.13	<13	PASS
		75	0	6.28	<13	PASS
	HCH	1	0	9.12	<13	PASS
		1	37	5	<13	PASS
		1	74	9.09	<13	PASS
		37	0	5.89	<13	PASS
		37	18	6.29	<13	PASS
		37	38	6.17	<13	PASS
		75	0	6.23	<13	PASS

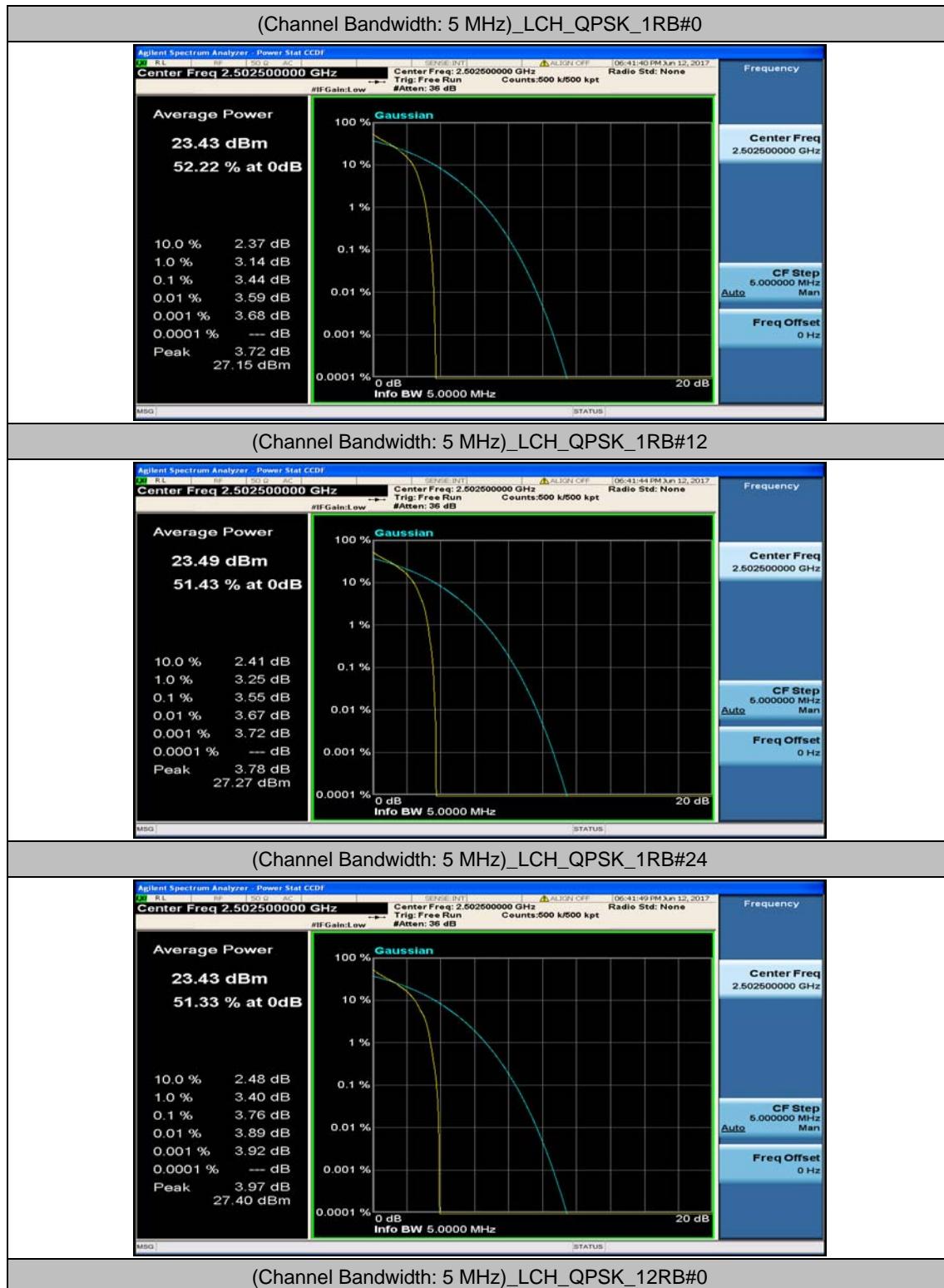
### Channel Bandwidth: 20 MHz

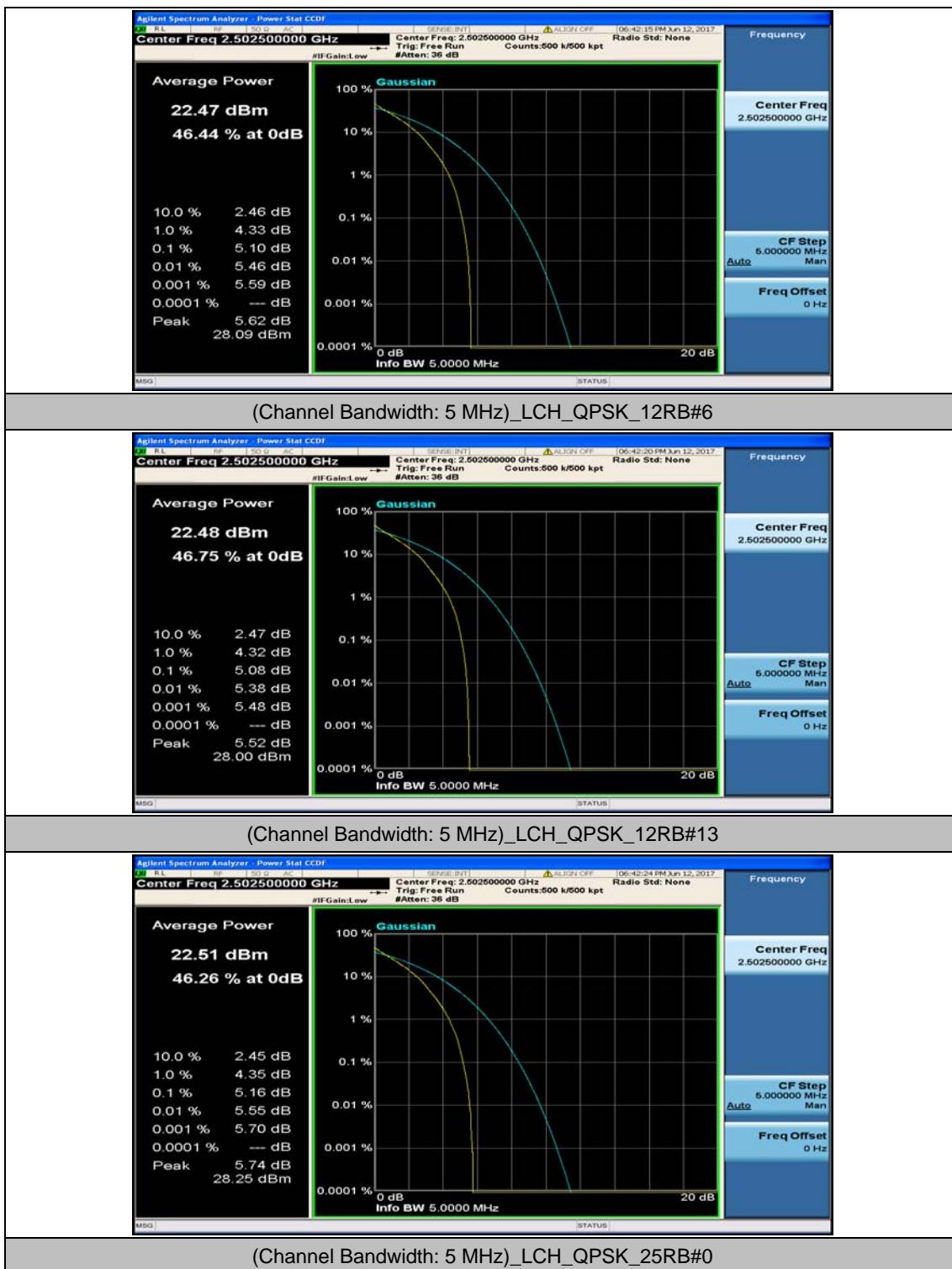
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	11.38	<13	PASS
		1	49	3.65	<13	PASS
		1	99	11.08	<13	PASS
		50	0	5.54	<13	PASS
		50	25	5.35	<13	PASS
		50	50	5.76	<13	PASS
		100	0	5.65	<13	PASS
	MCH	1	0	10.86	<13	PASS
		1	49	3.99	<13	PASS
		1	99	10.88	<13	PASS
		50	0	5.59	<13	PASS
		50	25	5.65	<13	PASS
		50	50	5.84	<13	PASS
		100	0	5.68	<13	PASS
	HCH	1	0	11.4	<13	PASS

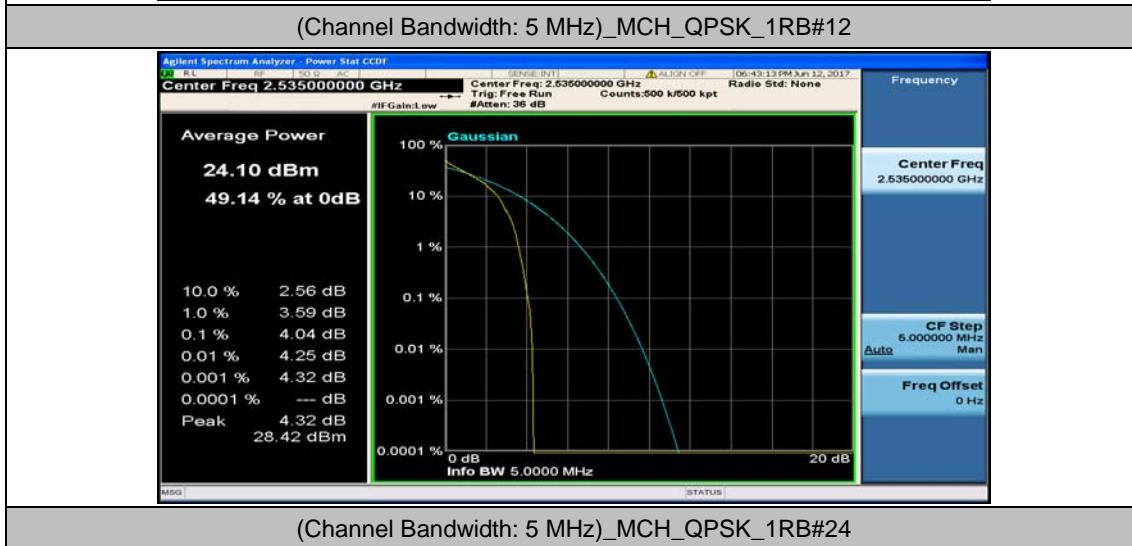
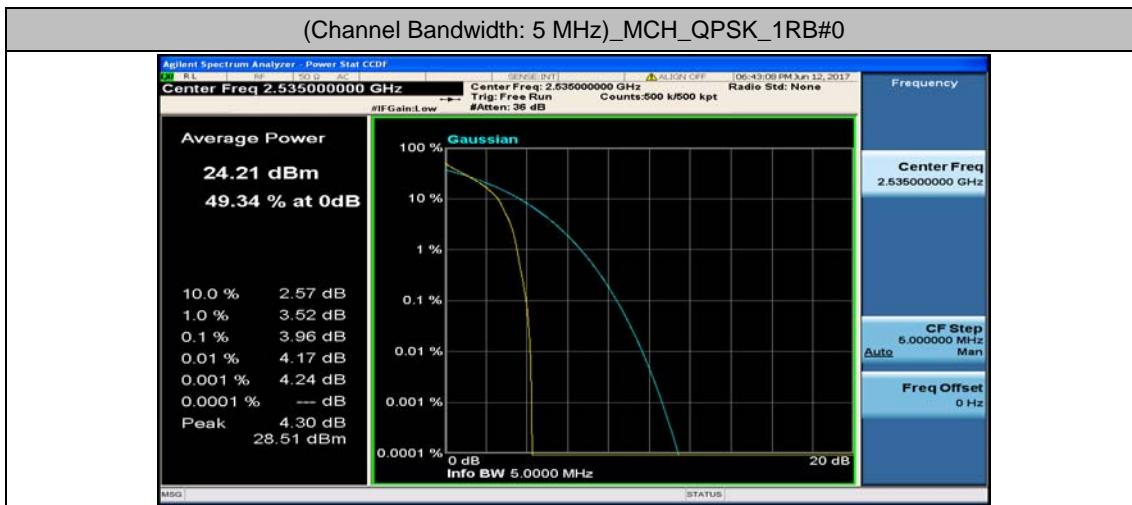
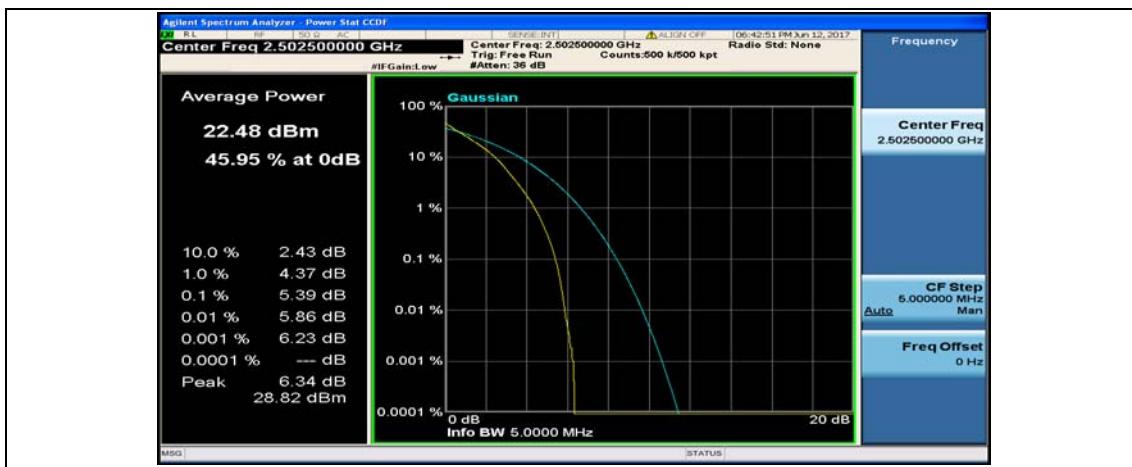
		1	49	3.9	<13	PASS
		1	99	10.8	<13	PASS
		50	0	5.45	<13	PASS
		50	25	5.43	<13	PASS
		50	50	5.87	<13	PASS
		100	0	5.73	<13	PASS
16QAM	LCH	1	0	11.13	<13	PASS
		1	49	4.37	<13	PASS
		1	99	10.61	<13	PASS
		50	0	6.5	<13	PASS
		50	25	6.11	<13	PASS
		50	50	6.58	<13	PASS
		100	0	6.75	<13	PASS
	MCH	1	0	11.19	<13	PASS
		1	49	4.72	<13	PASS
		1	99	10.97	<13	PASS
		50	0	6.64	<13	PASS
		50	25	6.41	<13	PASS
		50	50	6.66	<13	PASS
		100	0	6.81	<13	PASS
	HCH	1	0	11.23	<13	PASS
		1	49	4.53	<13	PASS
		1	99	11.18	<13	PASS
		50	0	6.54	<13	PASS
		50	25	6.14	<13	PASS
		50	50	6.66	<13	PASS
		100	0	6.69	<13	PASS

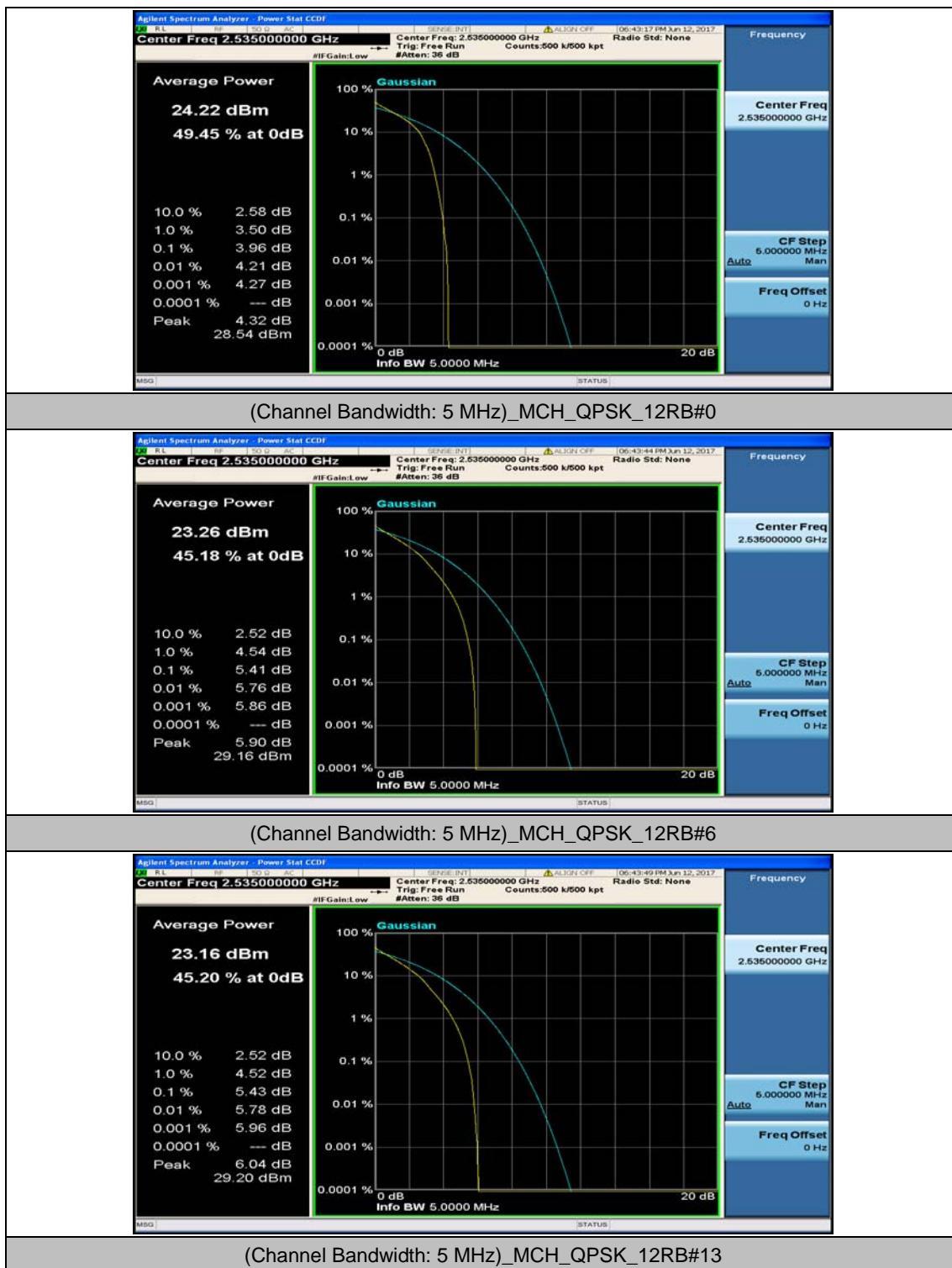
## Test Graphs

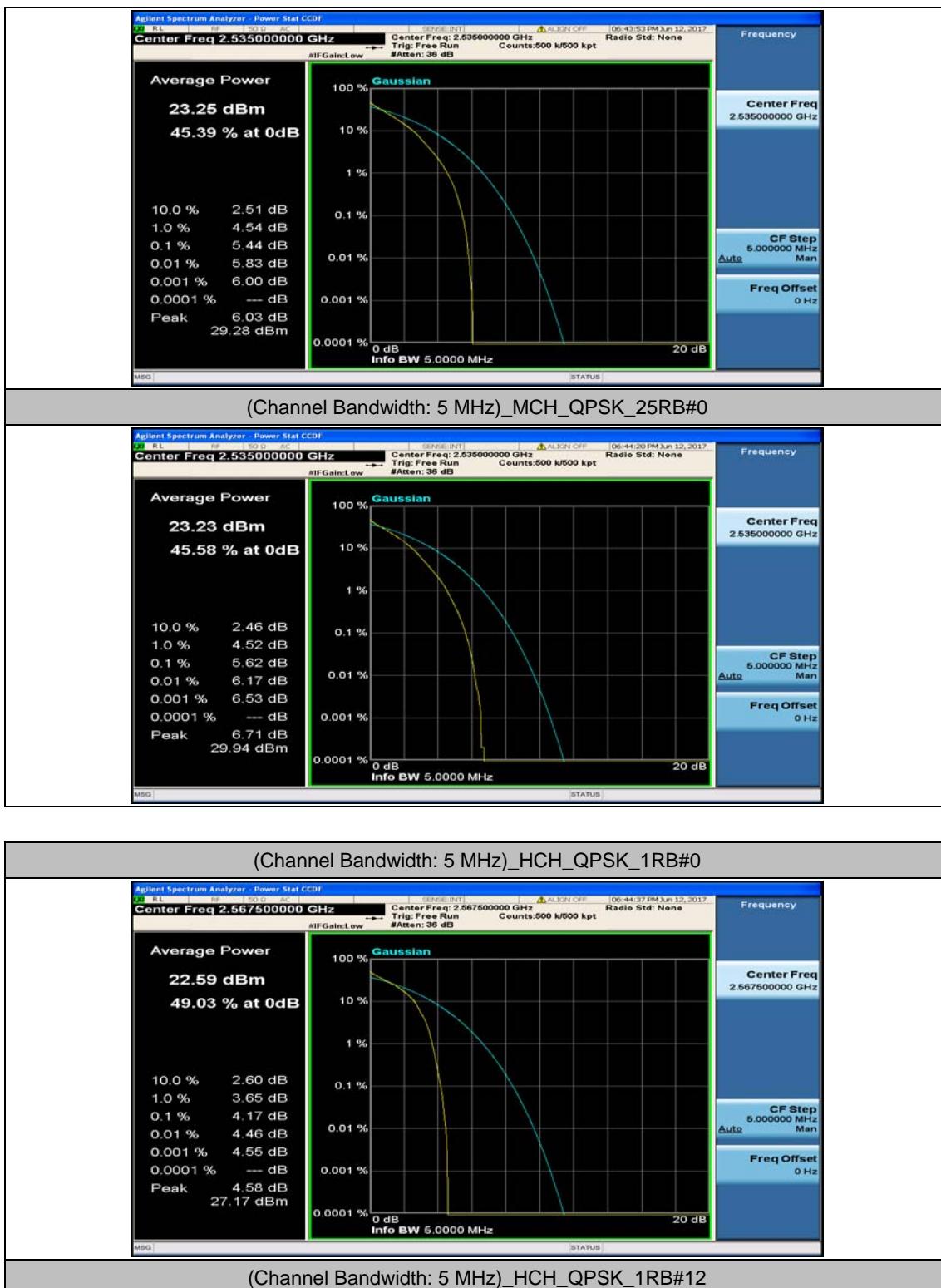
### Channel Bandwidth: 5 MHz

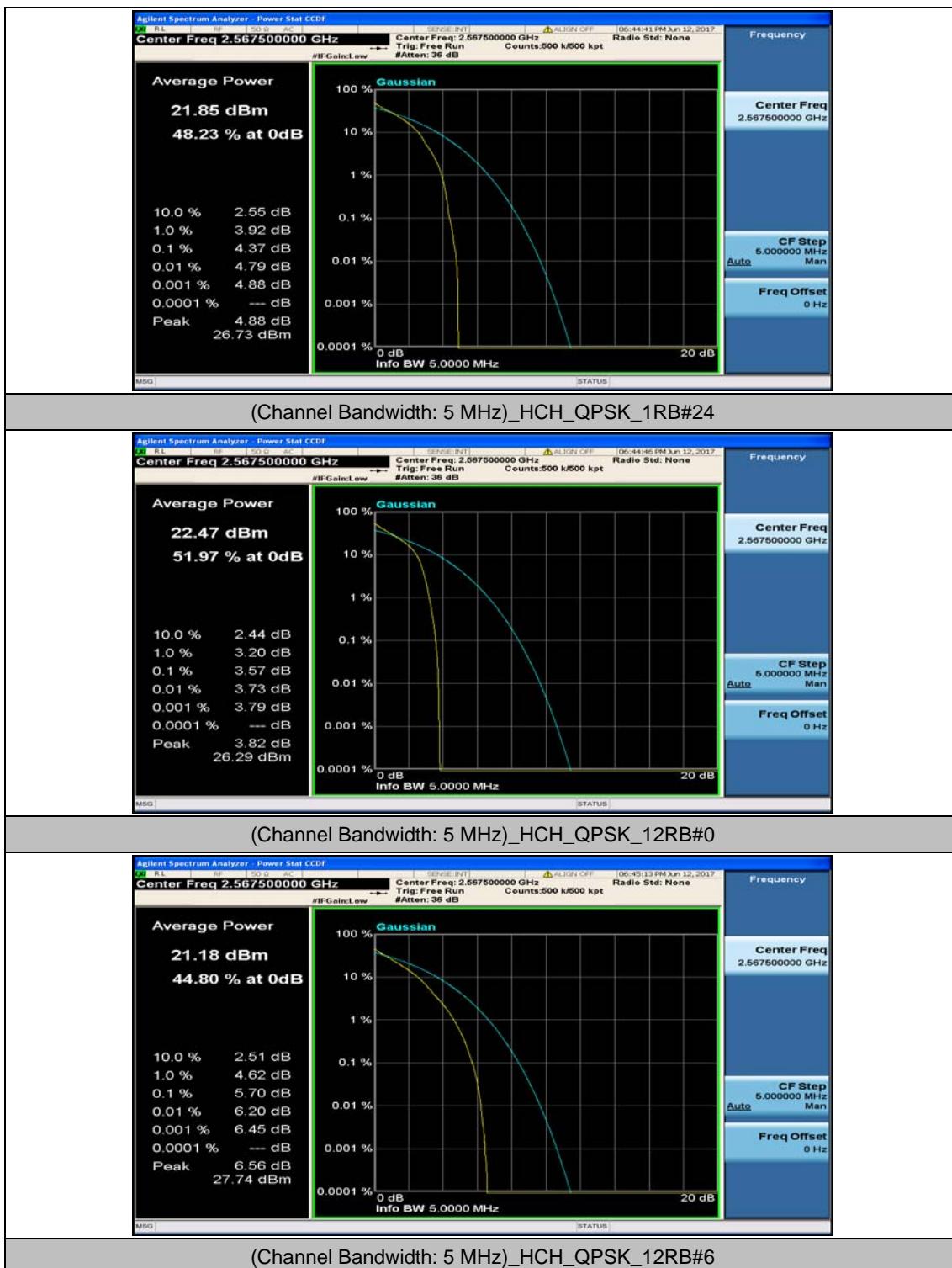


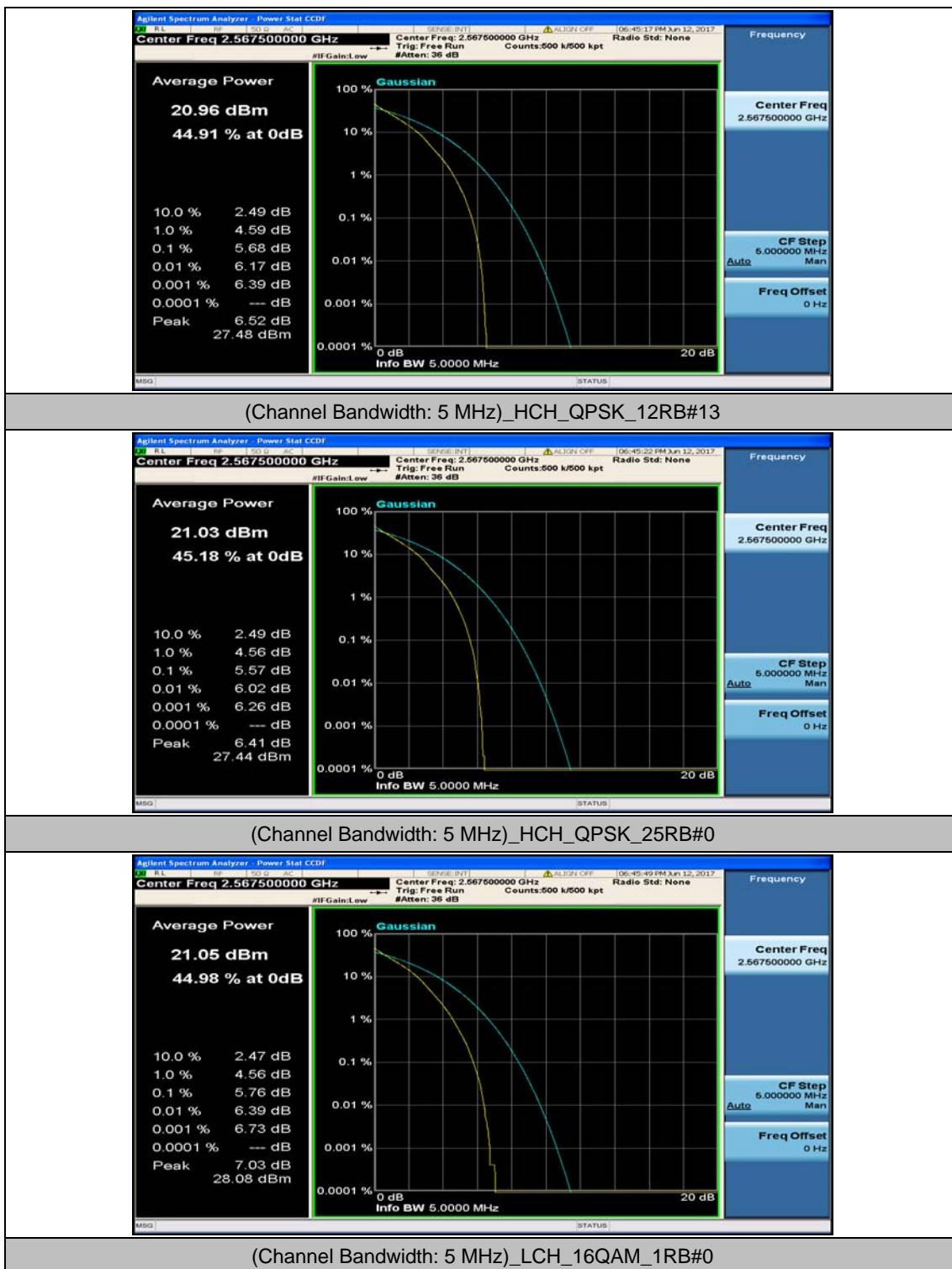


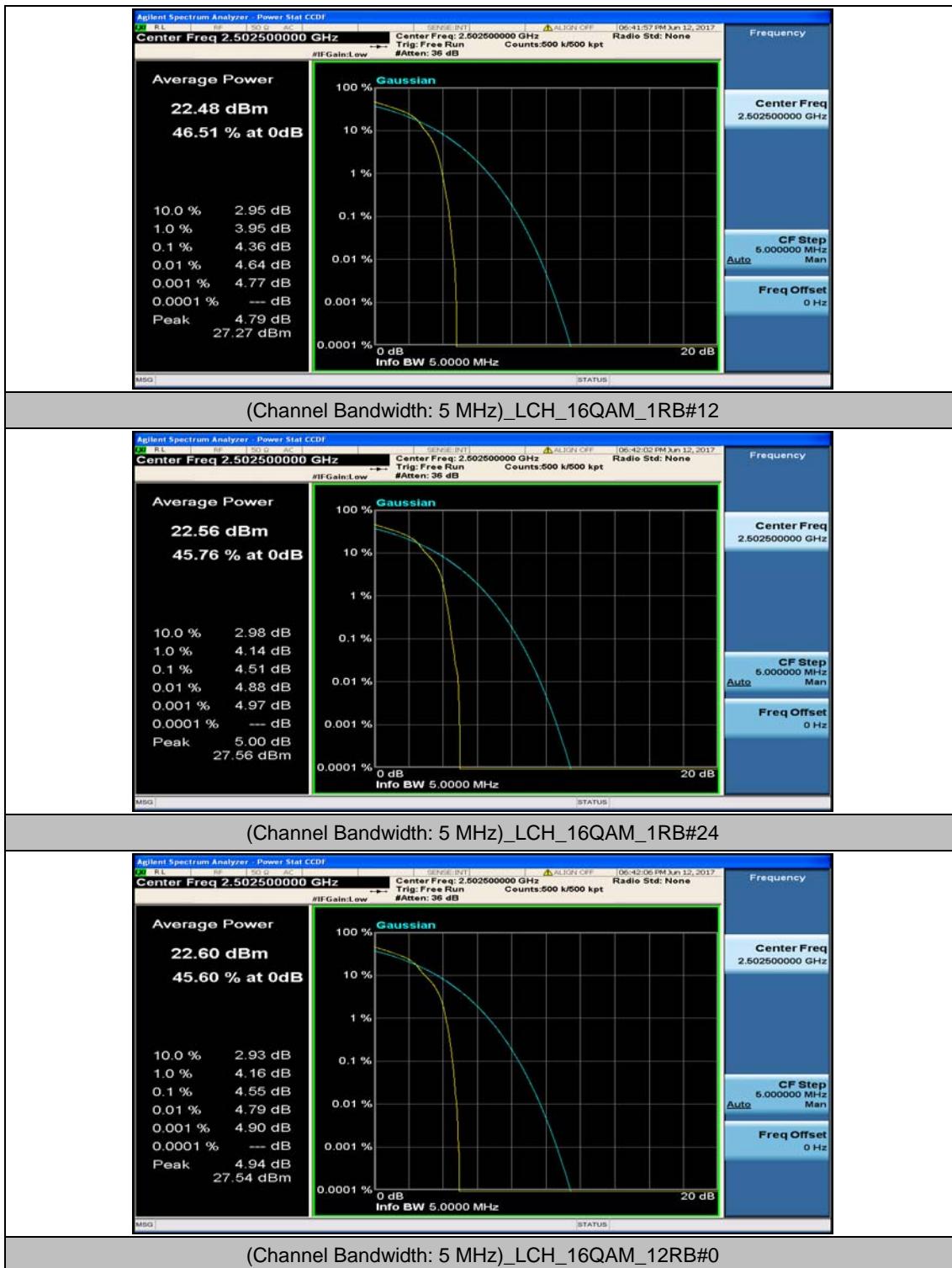


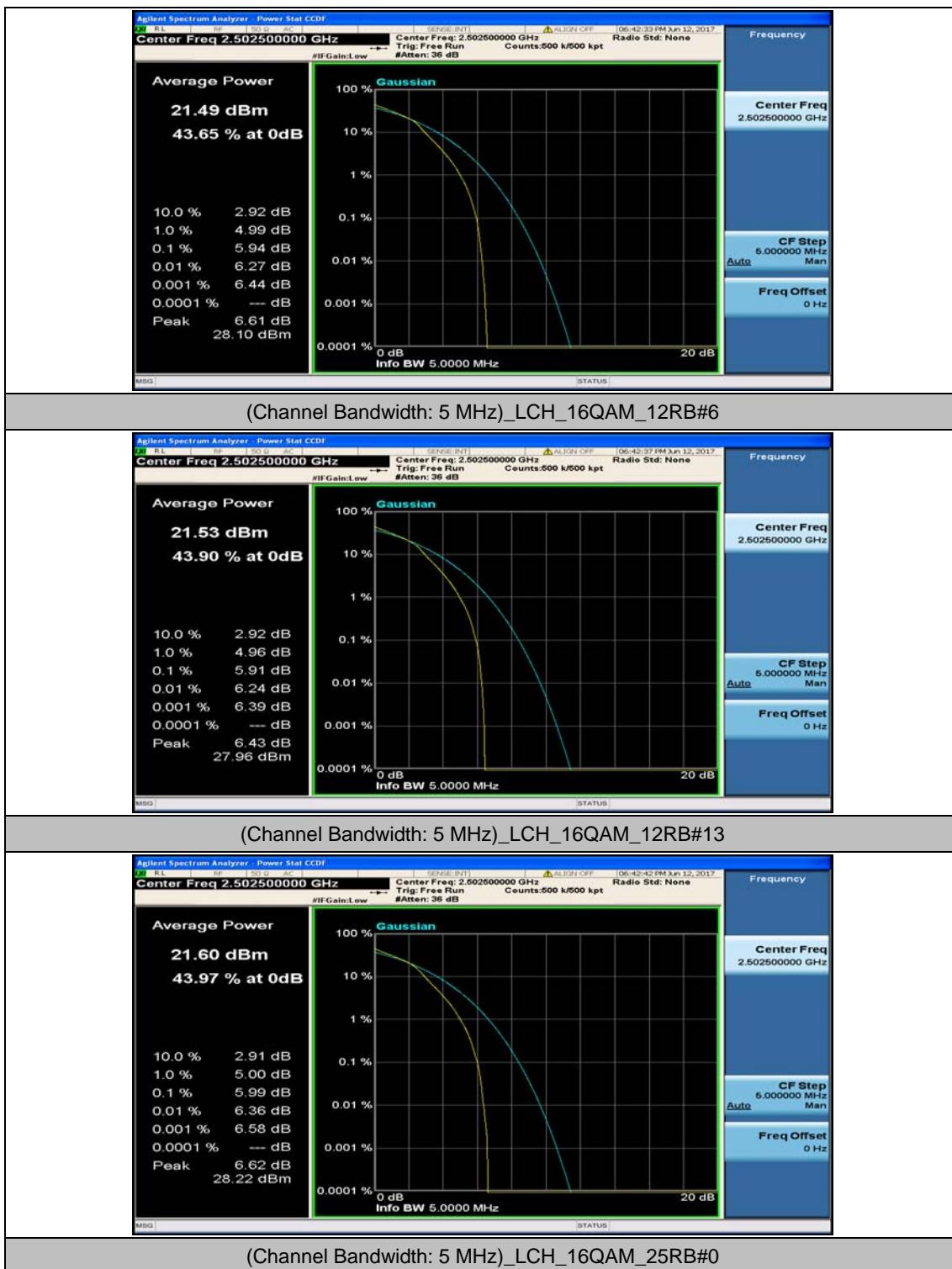


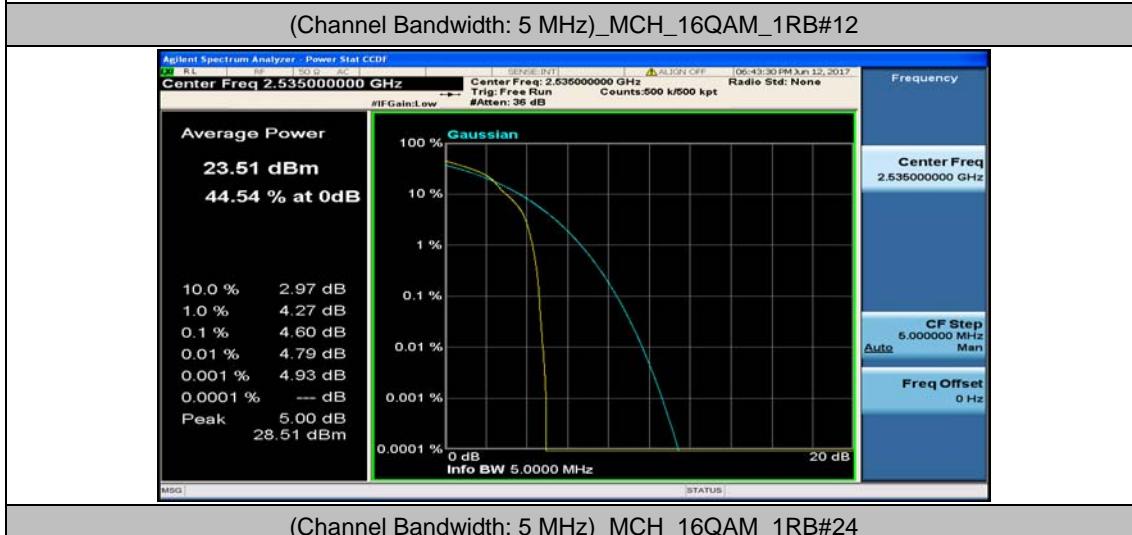
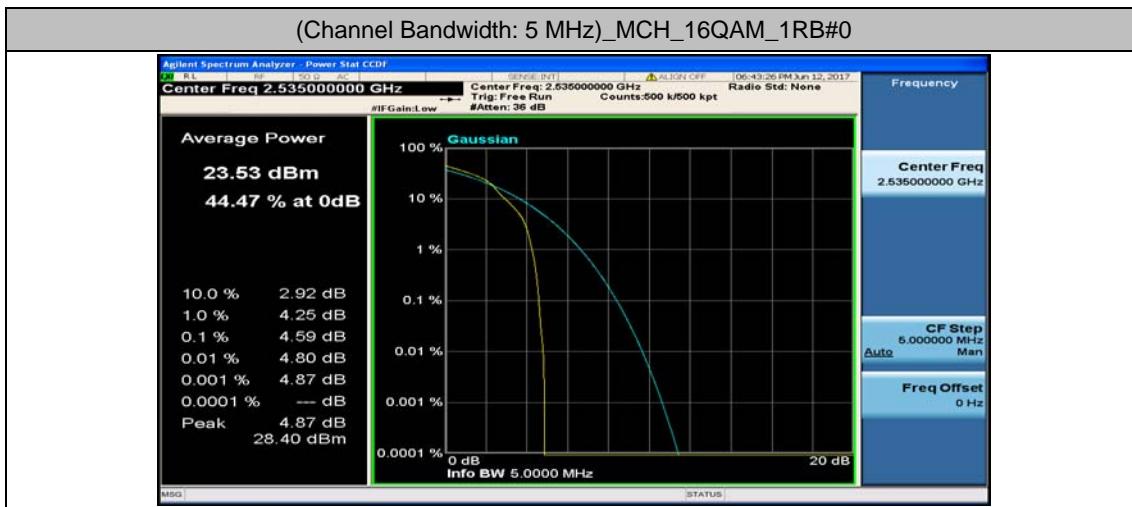
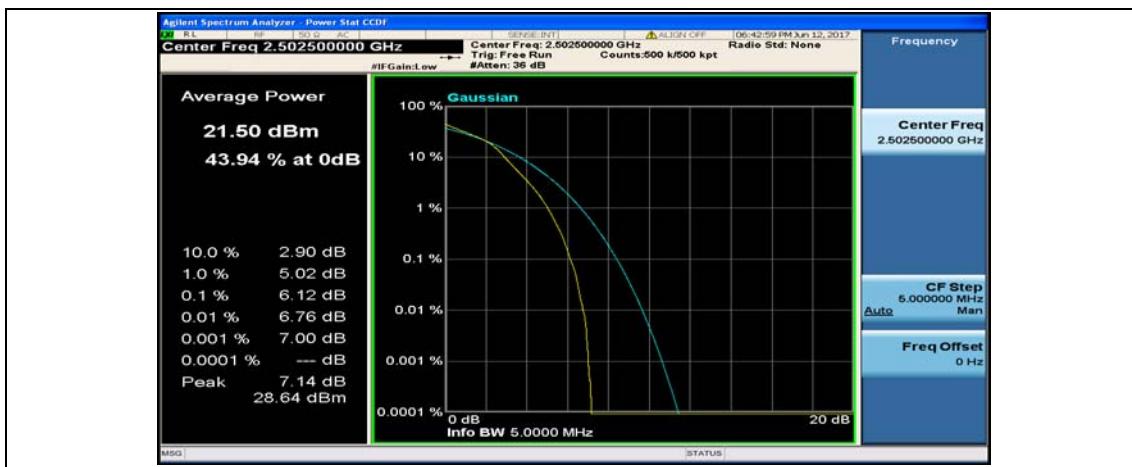




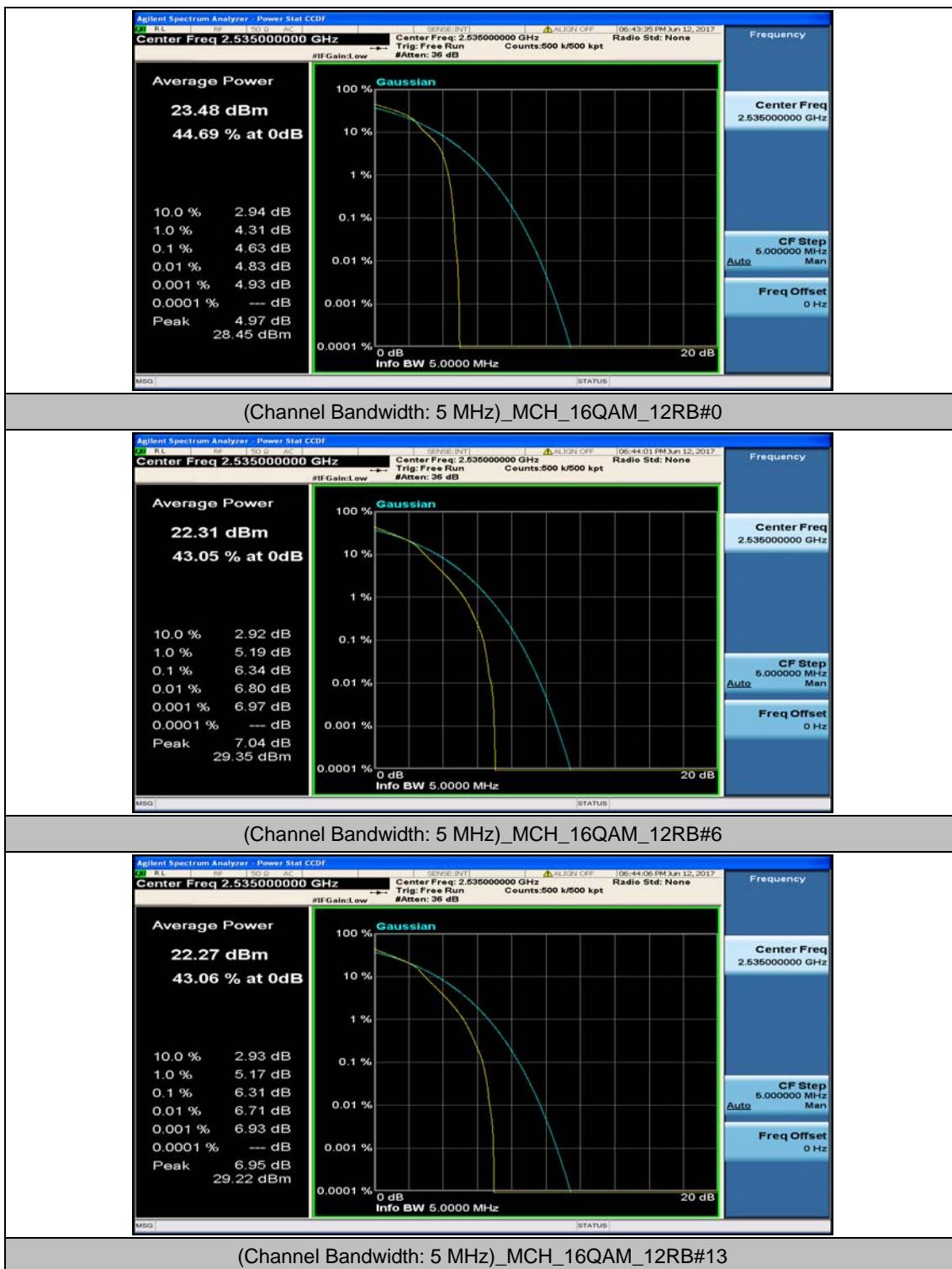


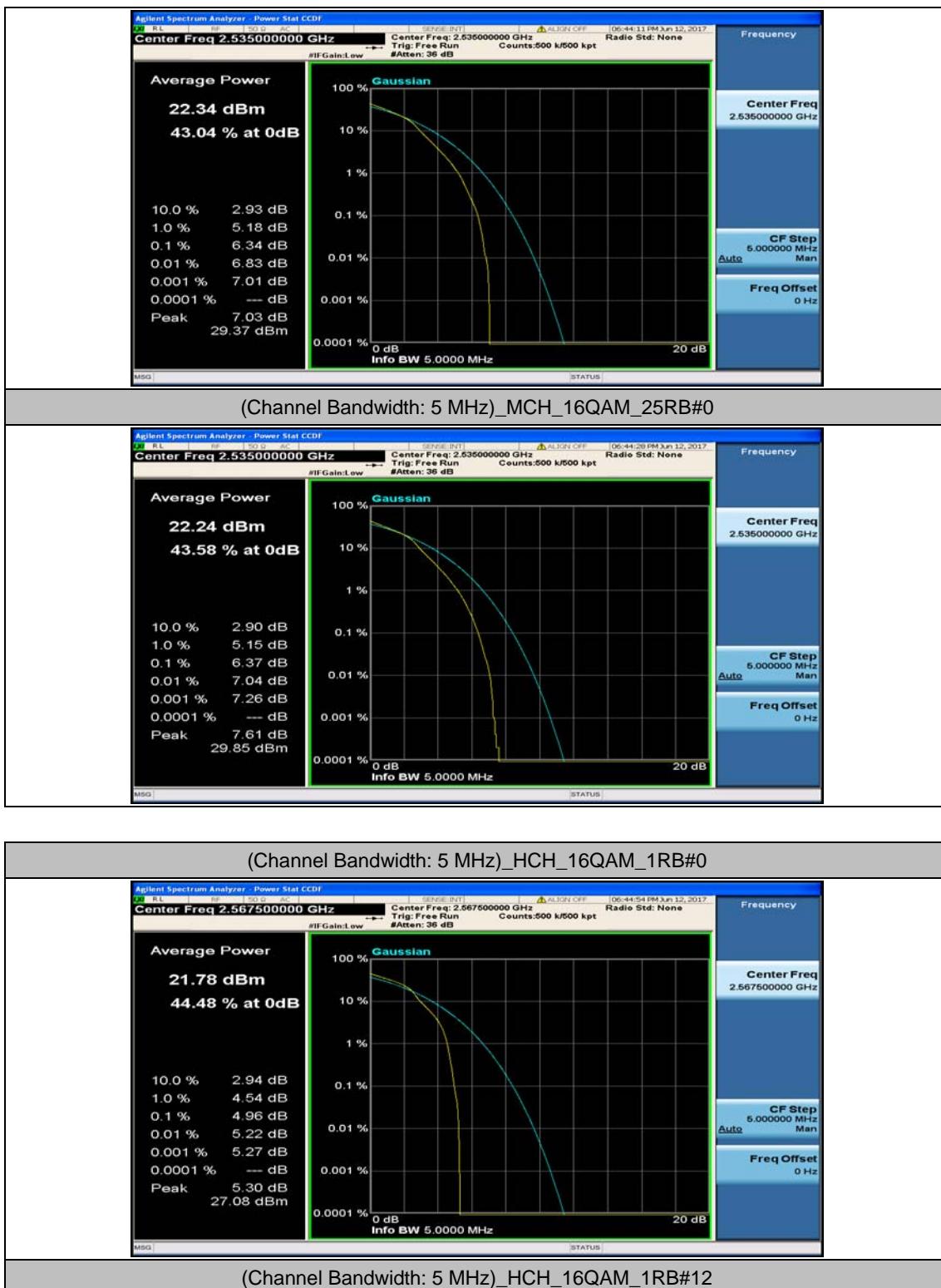


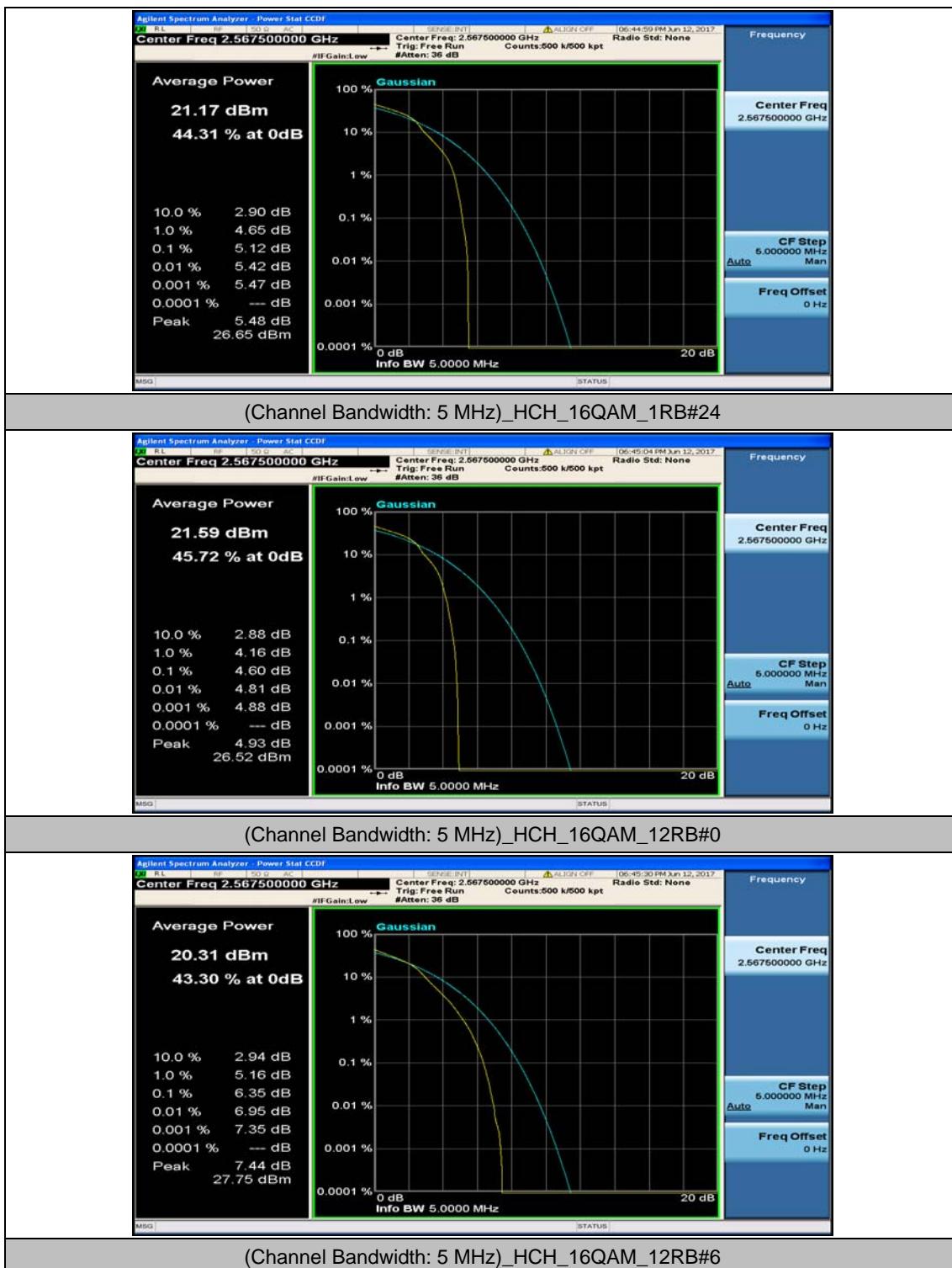


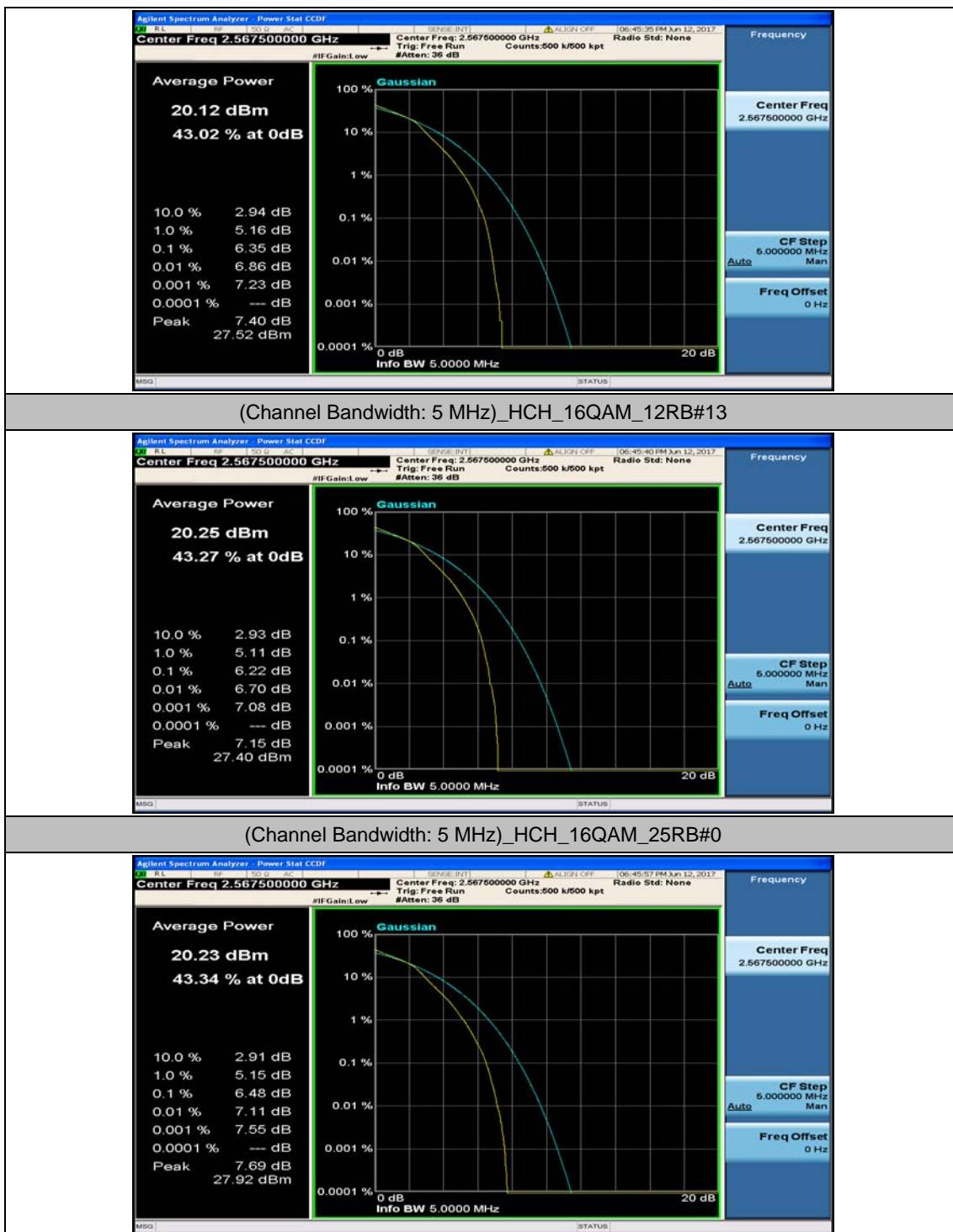


**(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_1RB#24**

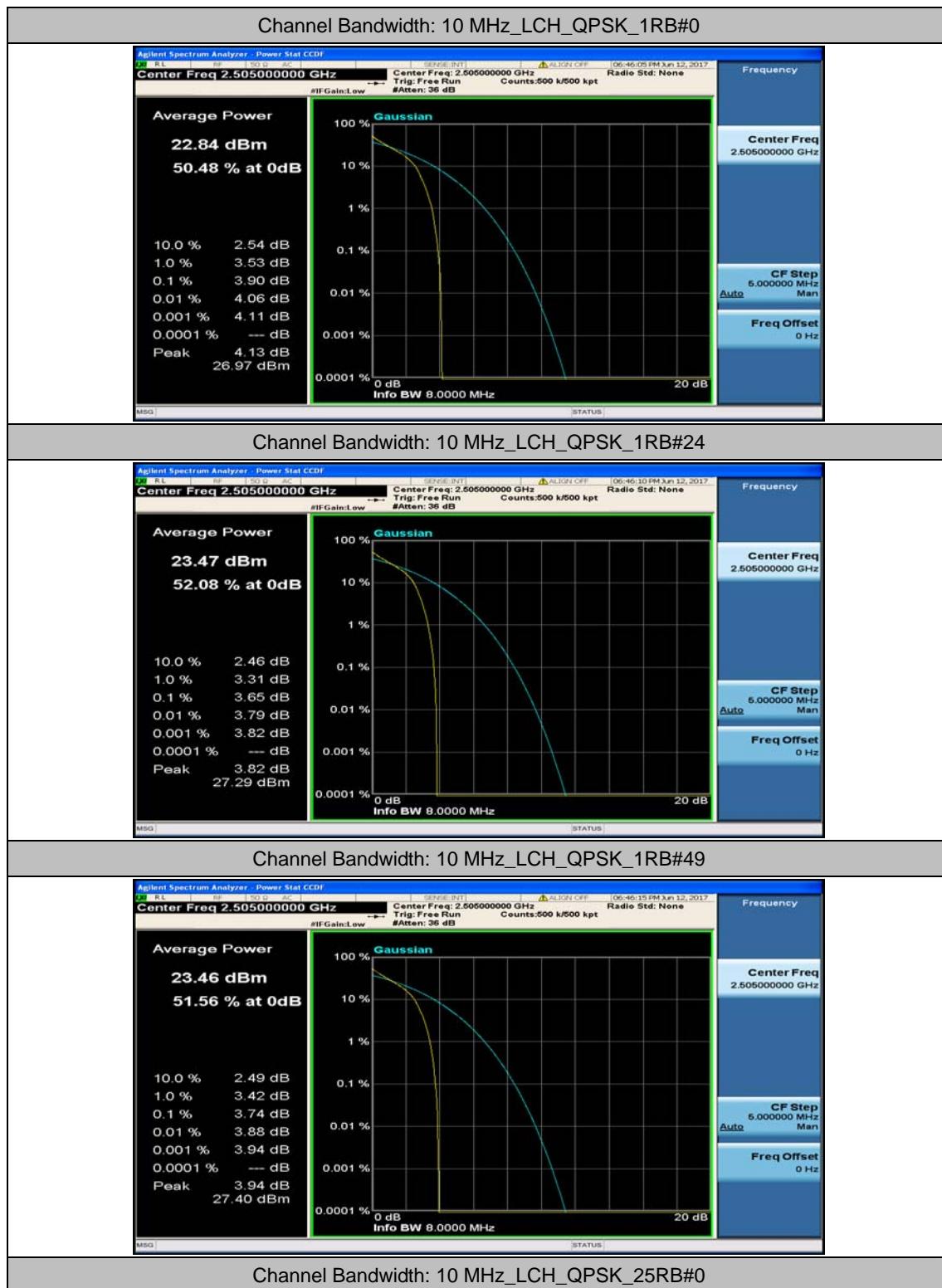


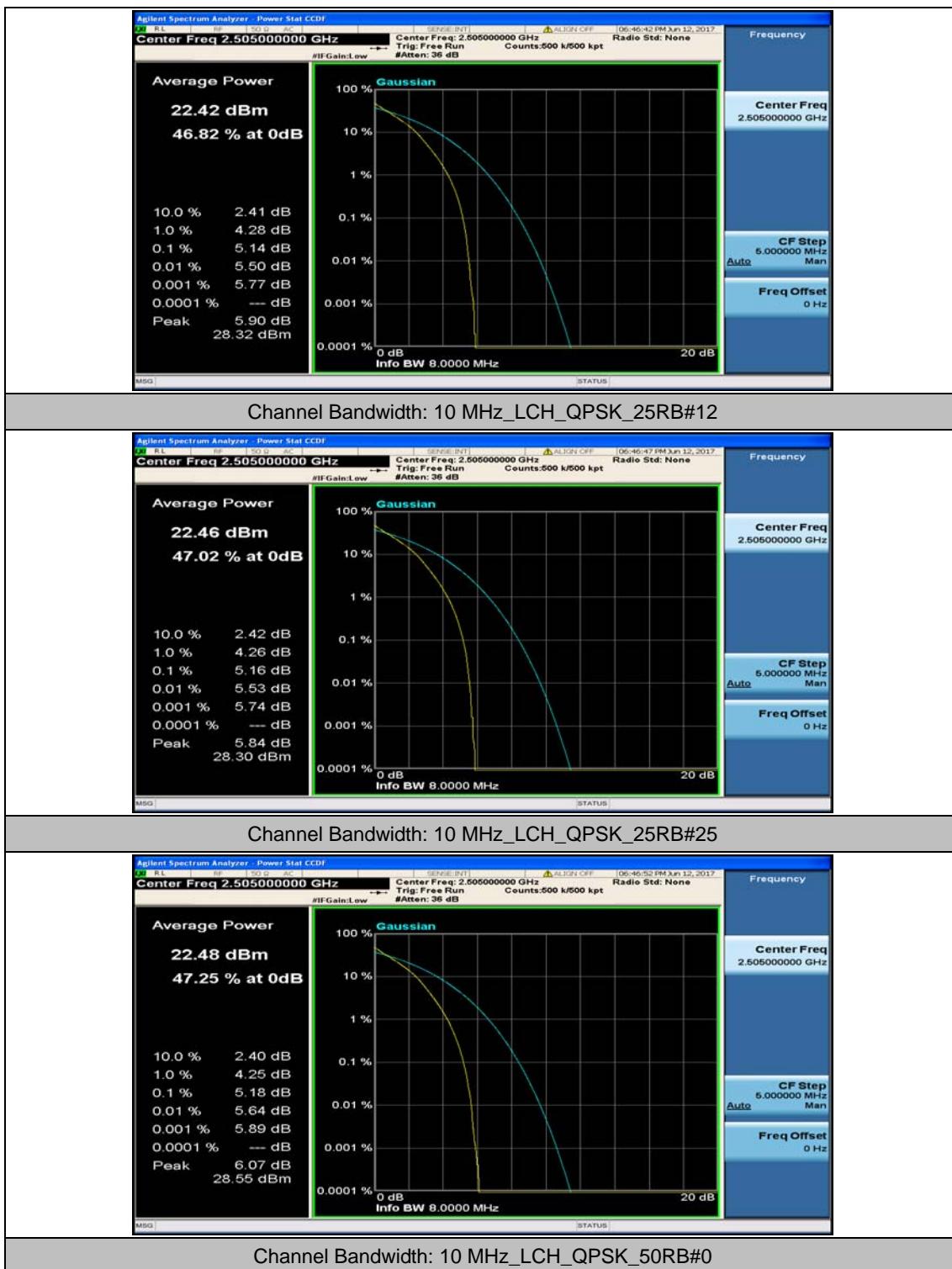


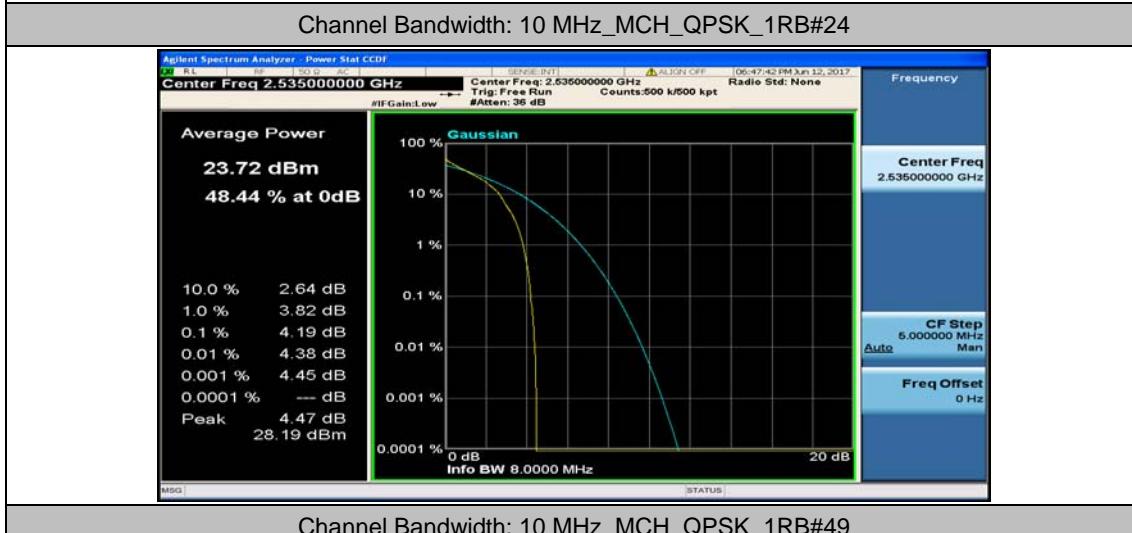
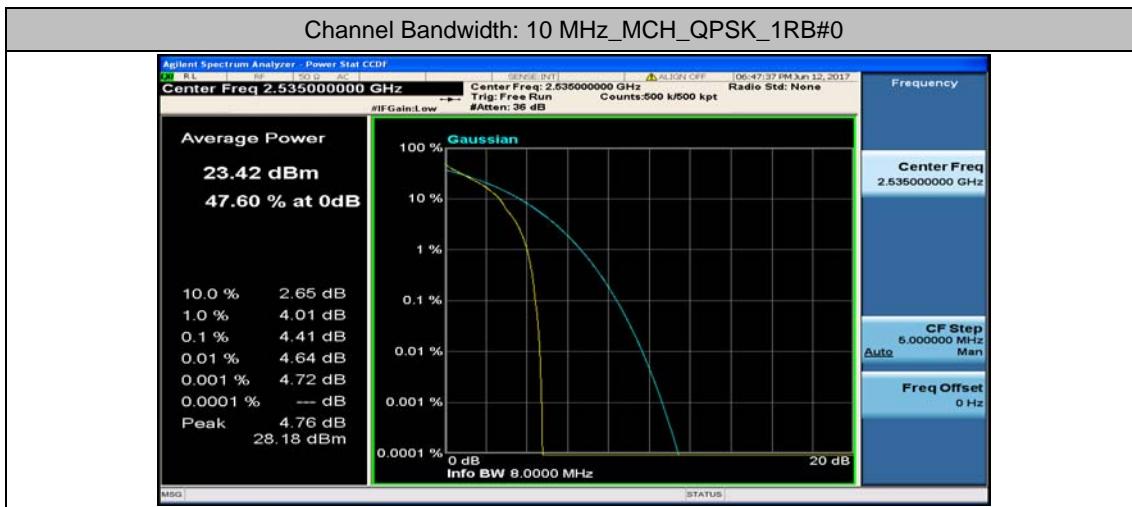




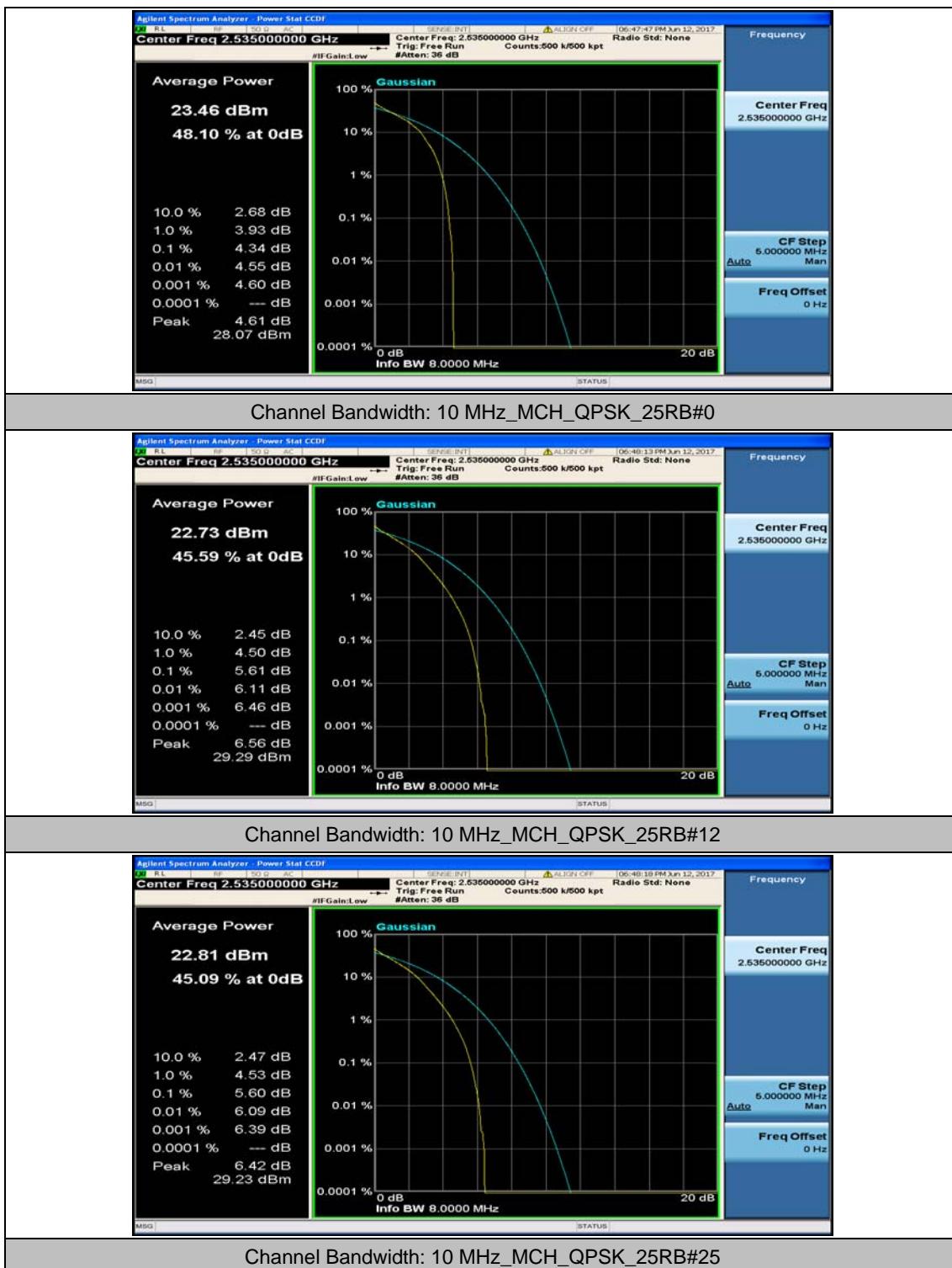
## Channel Bandwidth: 10 MHz

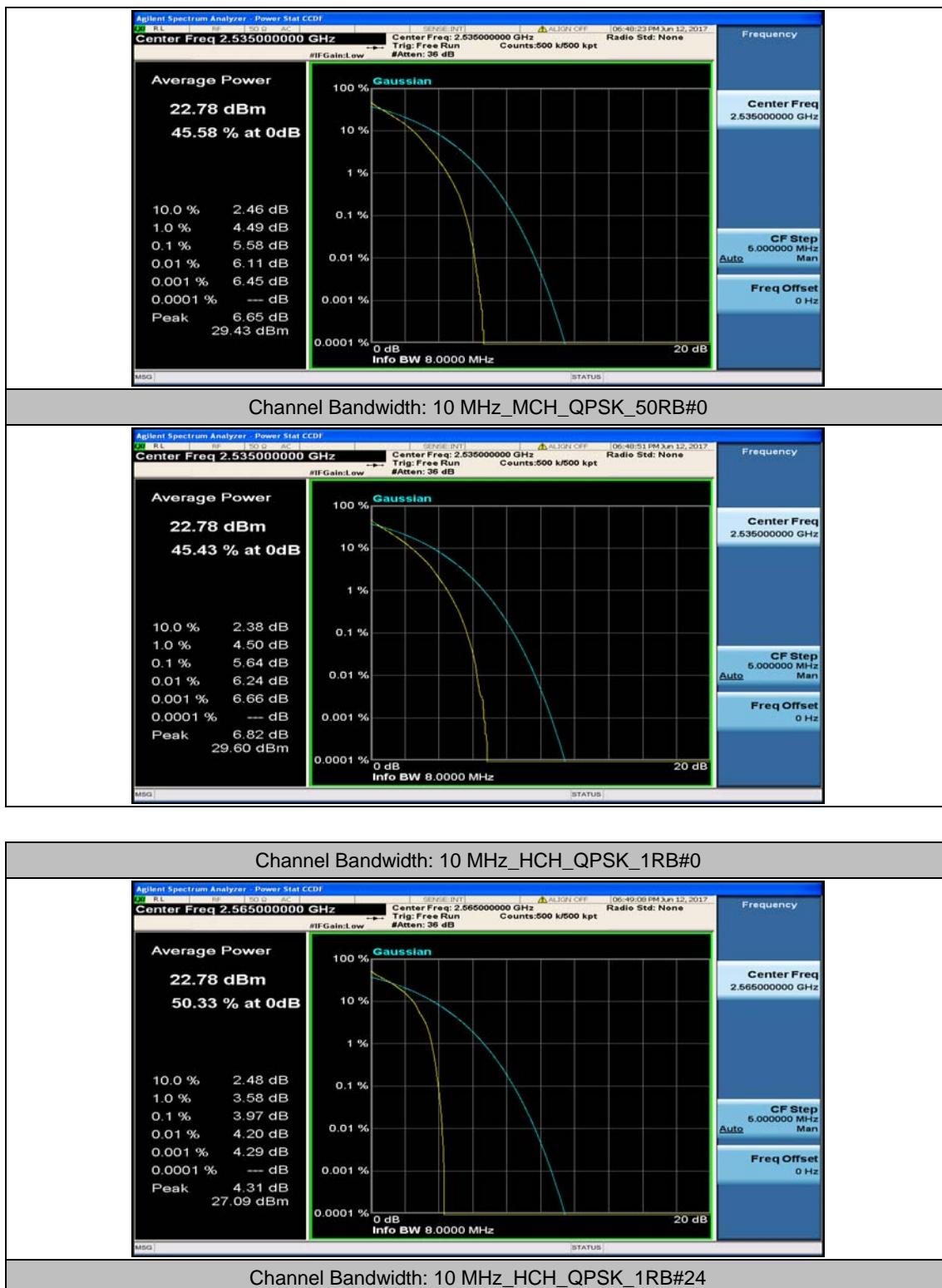


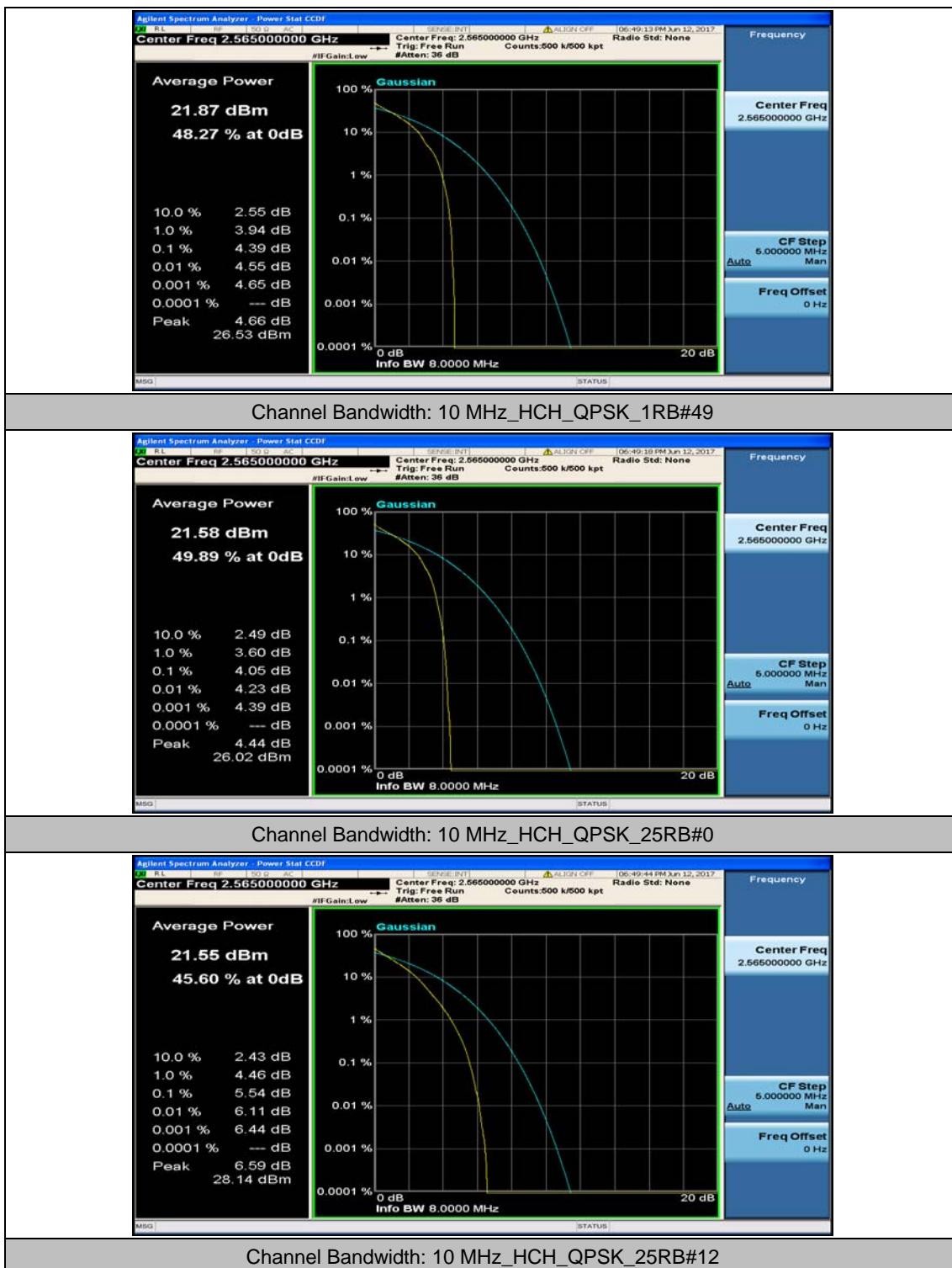


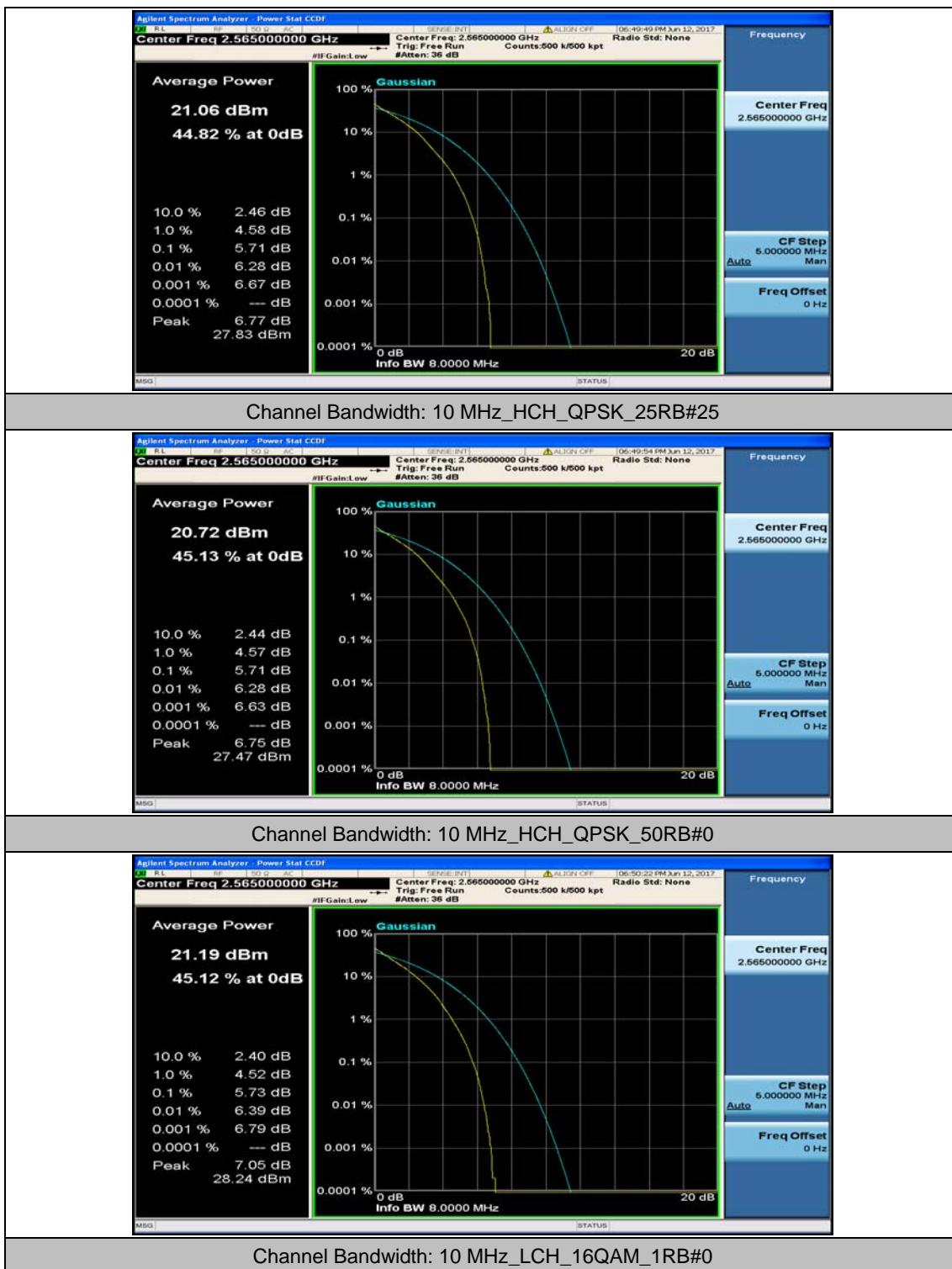


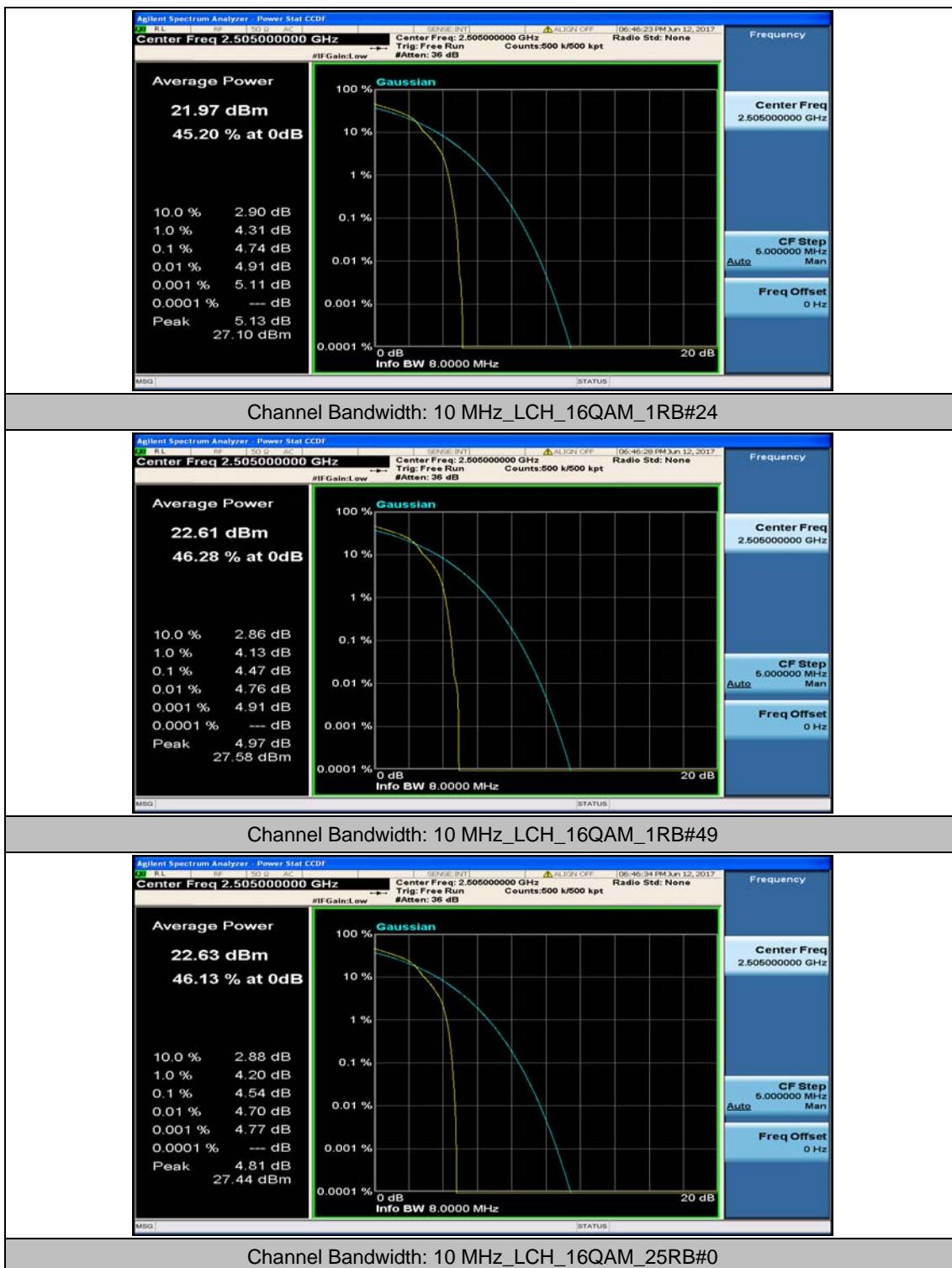
**Channel Bandwidth: 10 MHz\_MCH\_QPSK\_1RB#49**

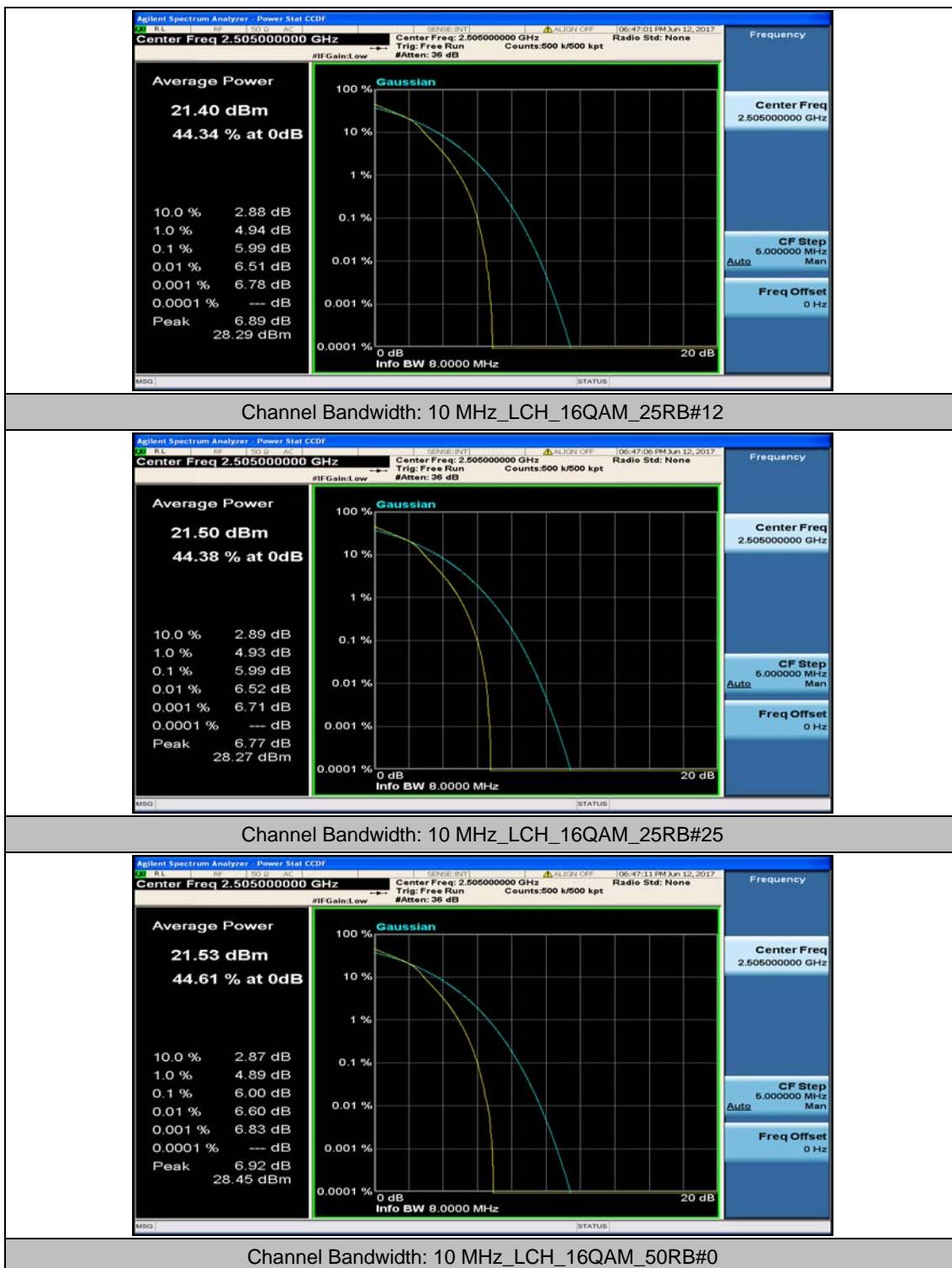


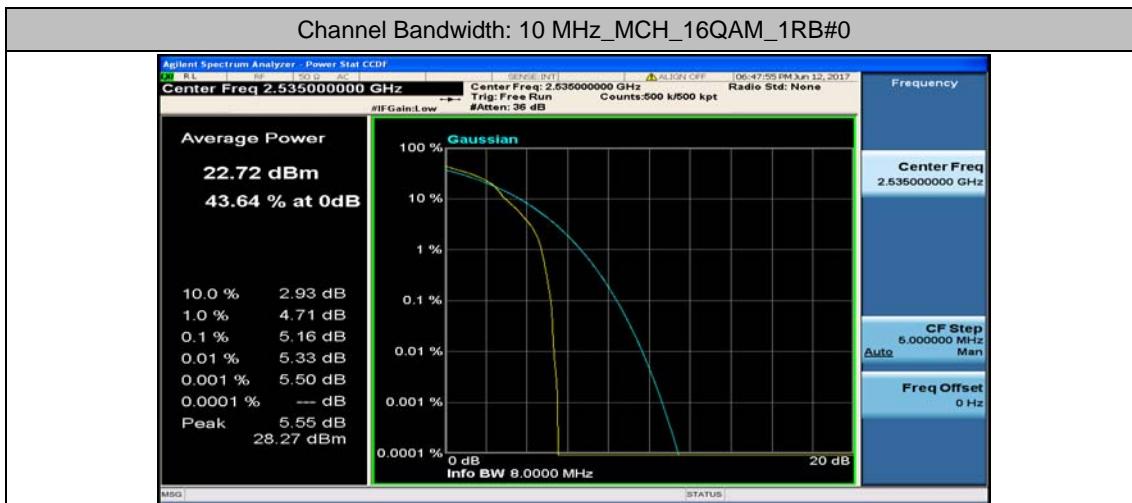
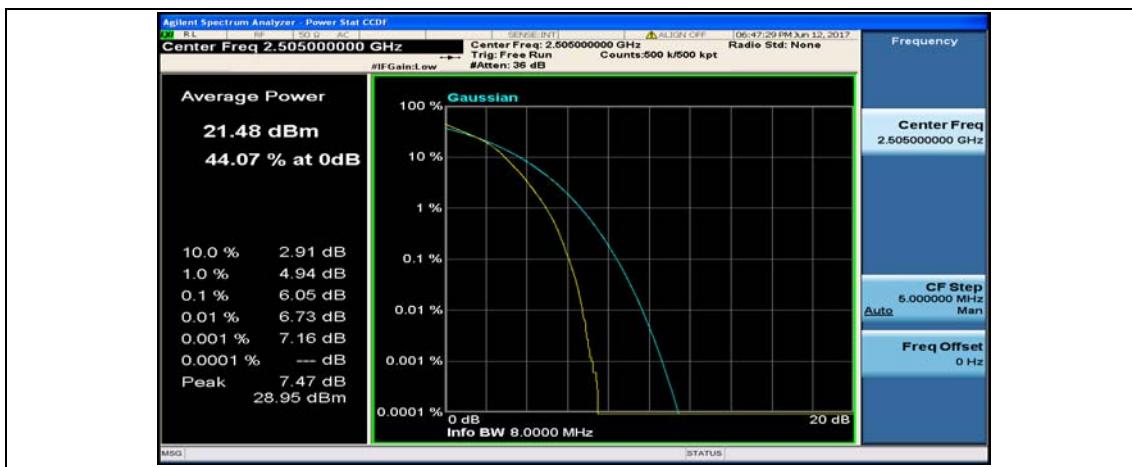




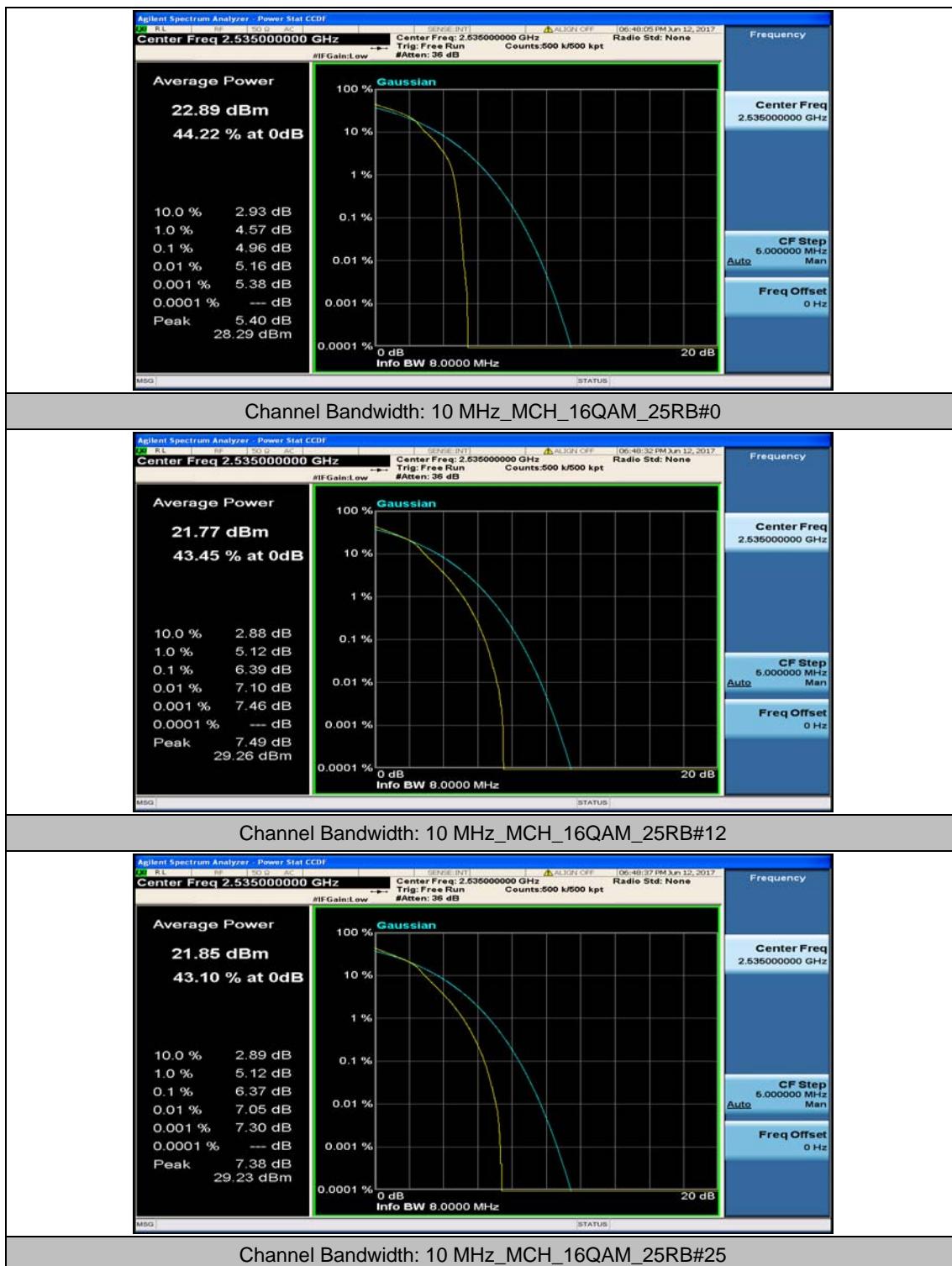


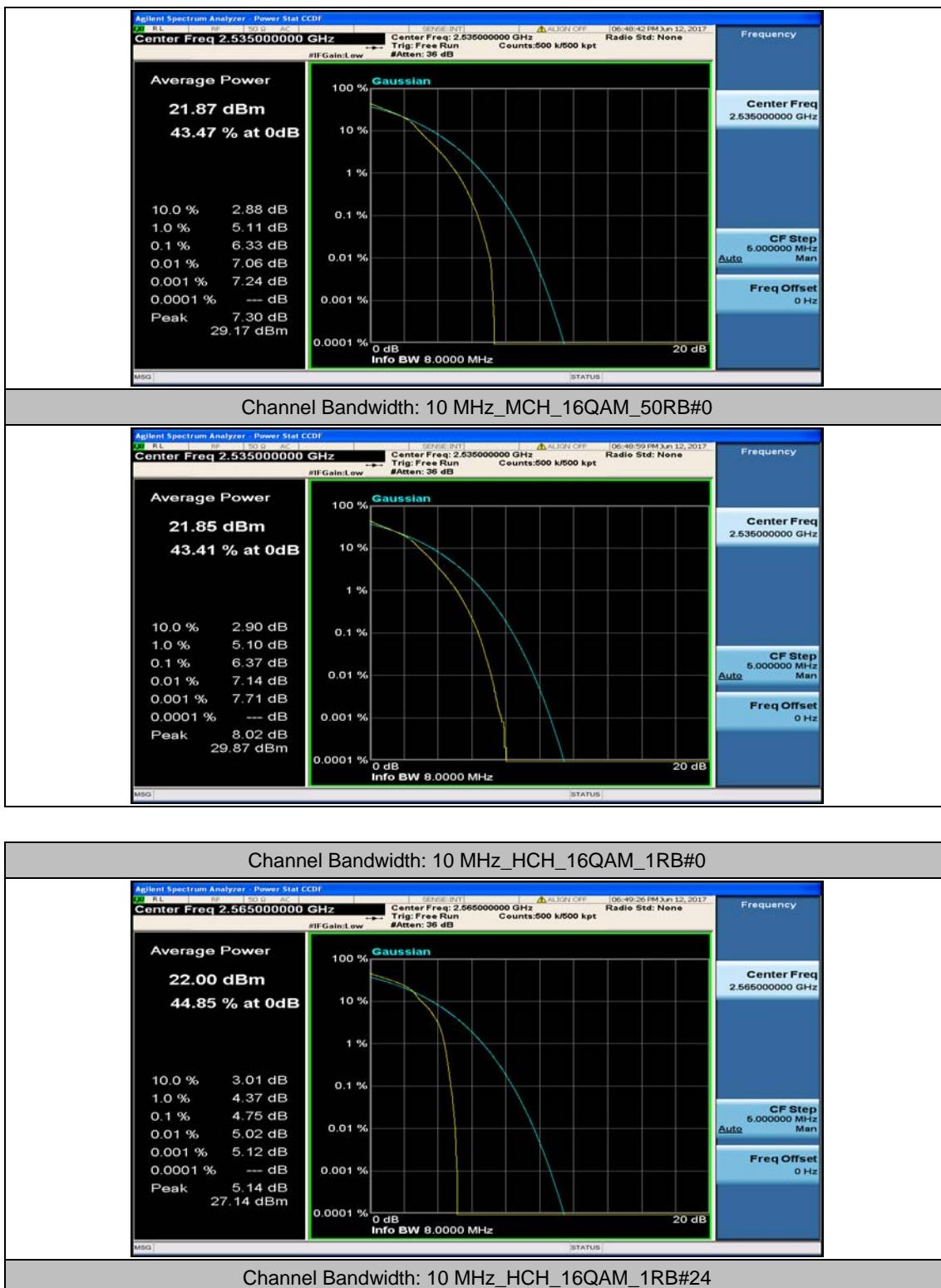


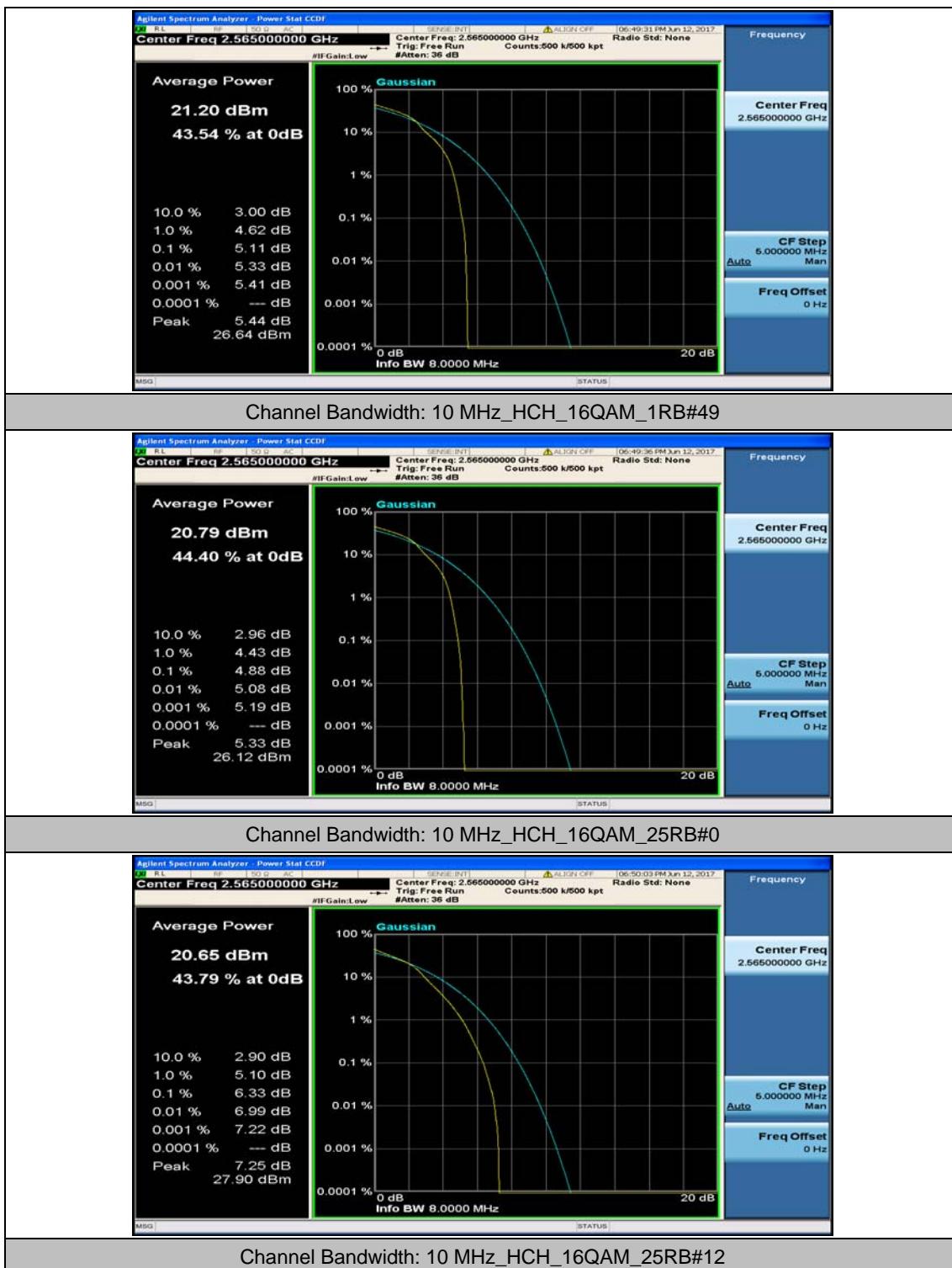


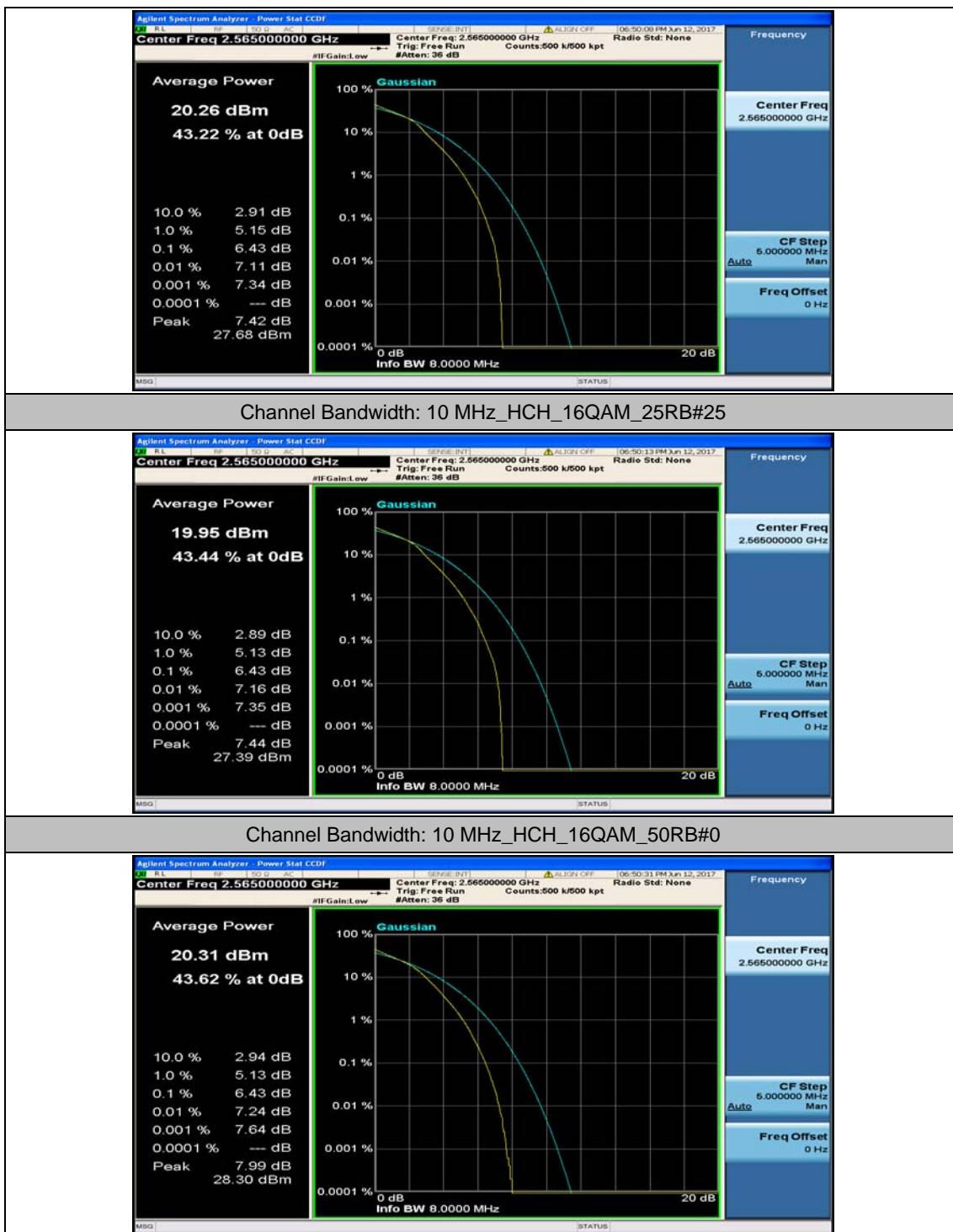


**Channel Bandwidth: 10 MHz\_MCH\_16QAM\_1RB#49**

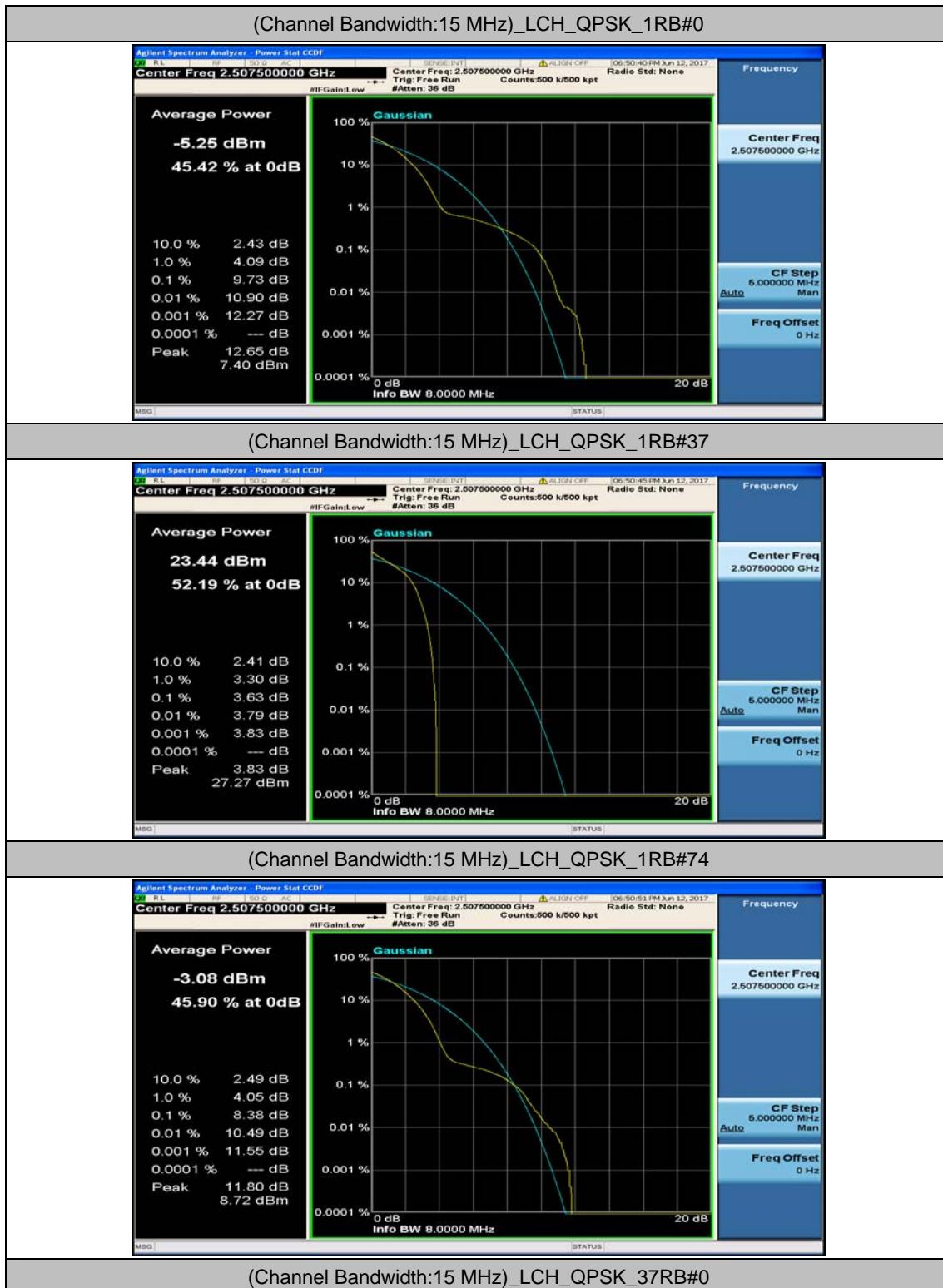


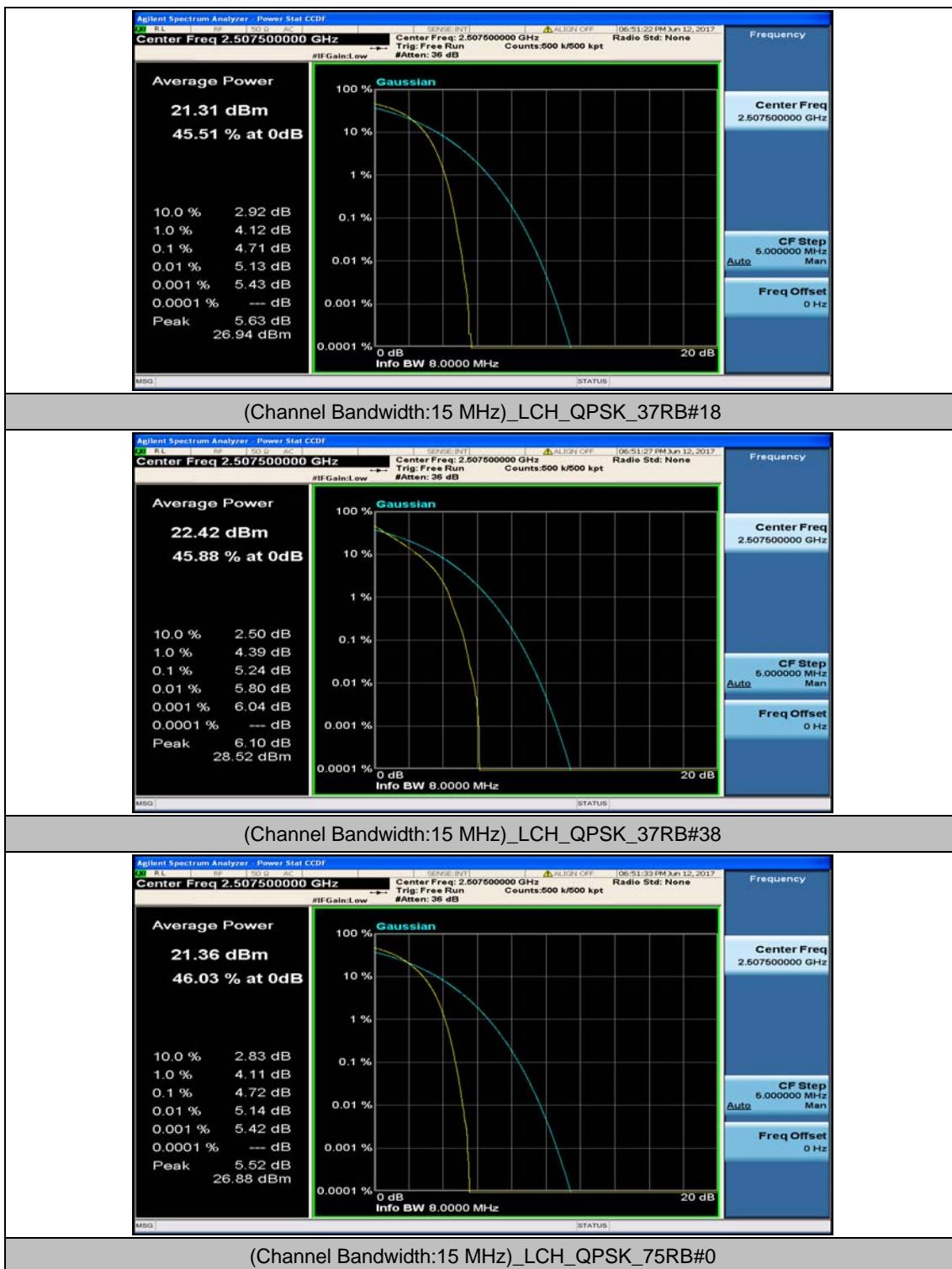


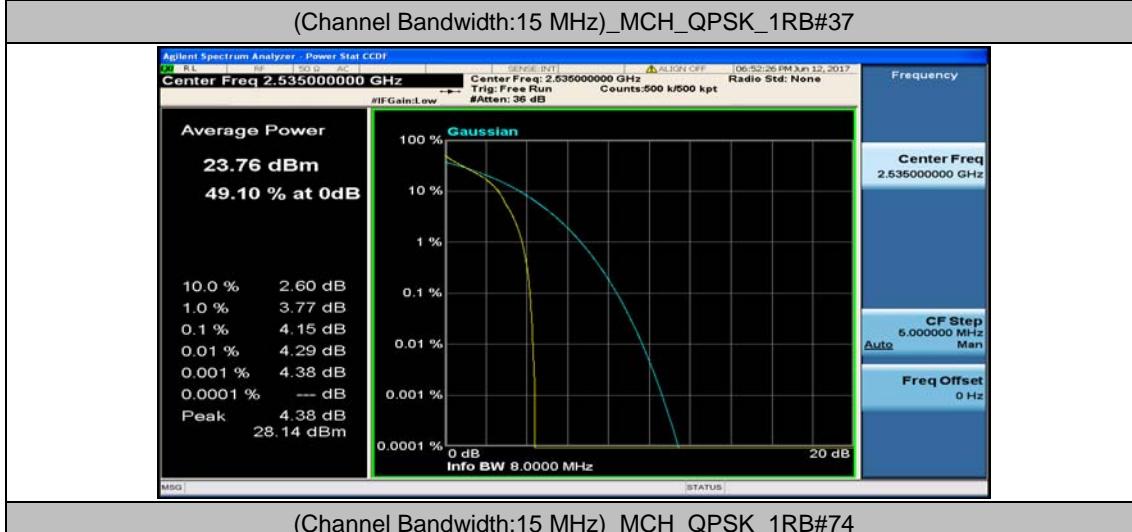




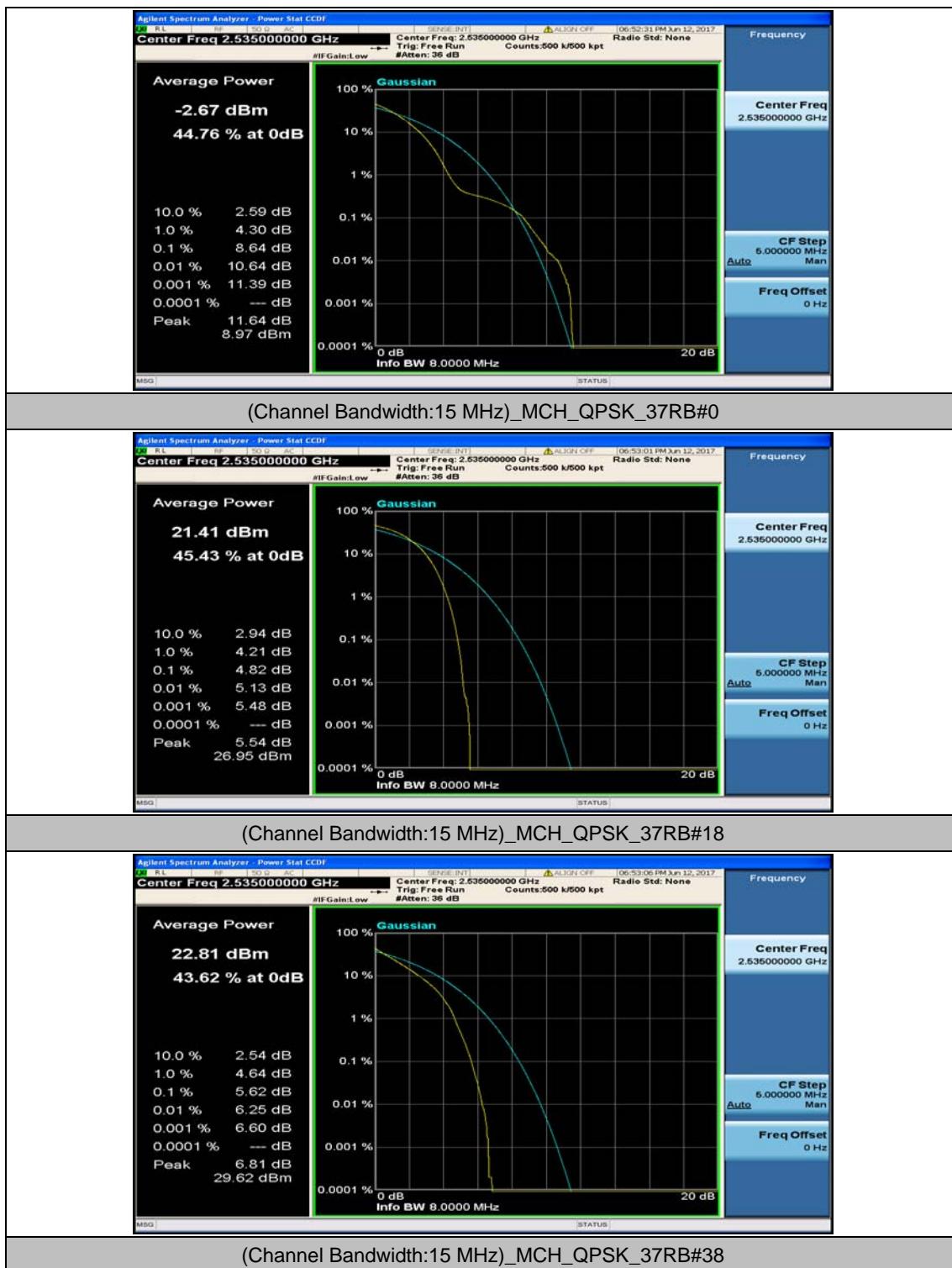
## Channel Bandwidth: 15 MHz

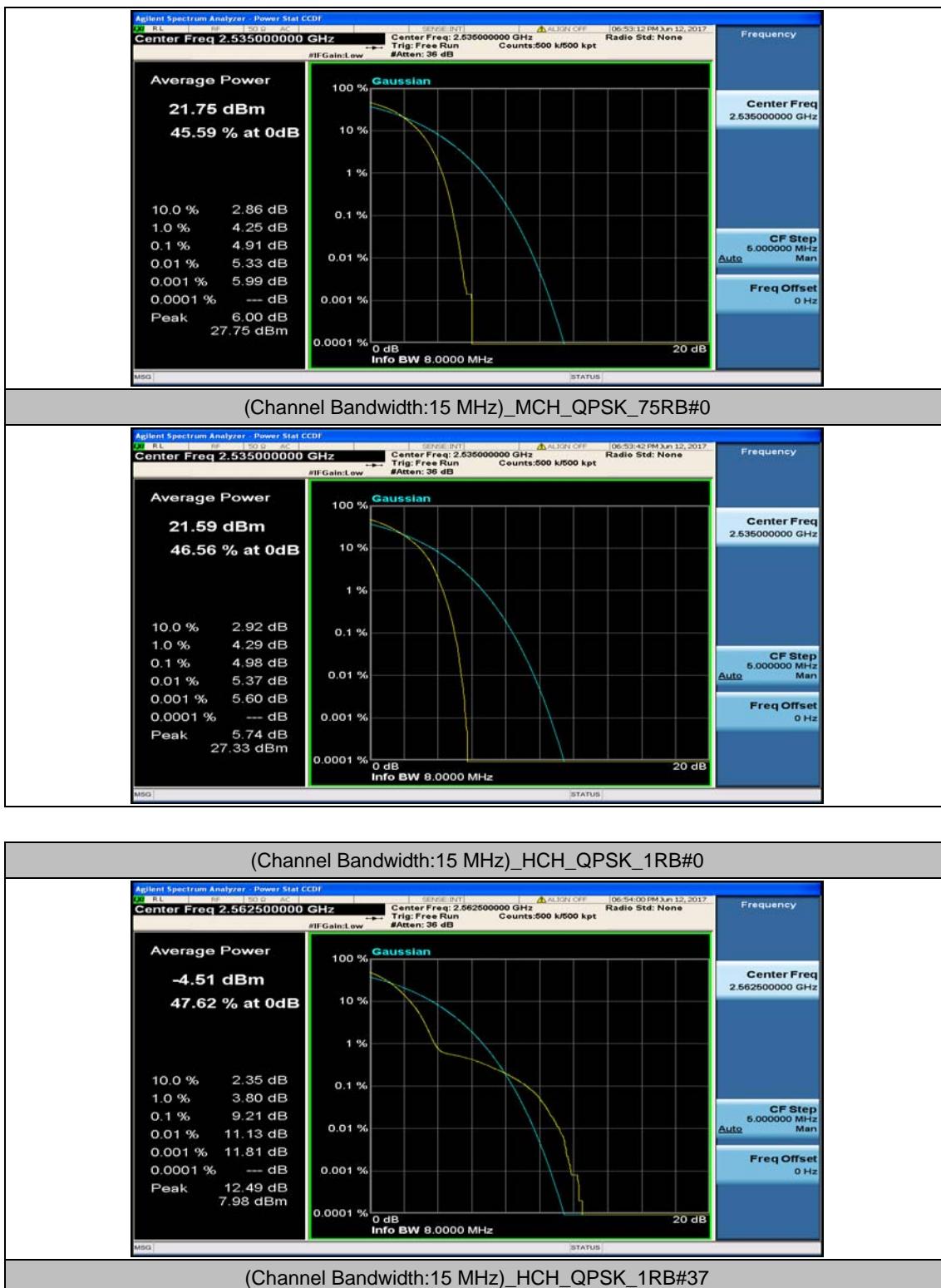


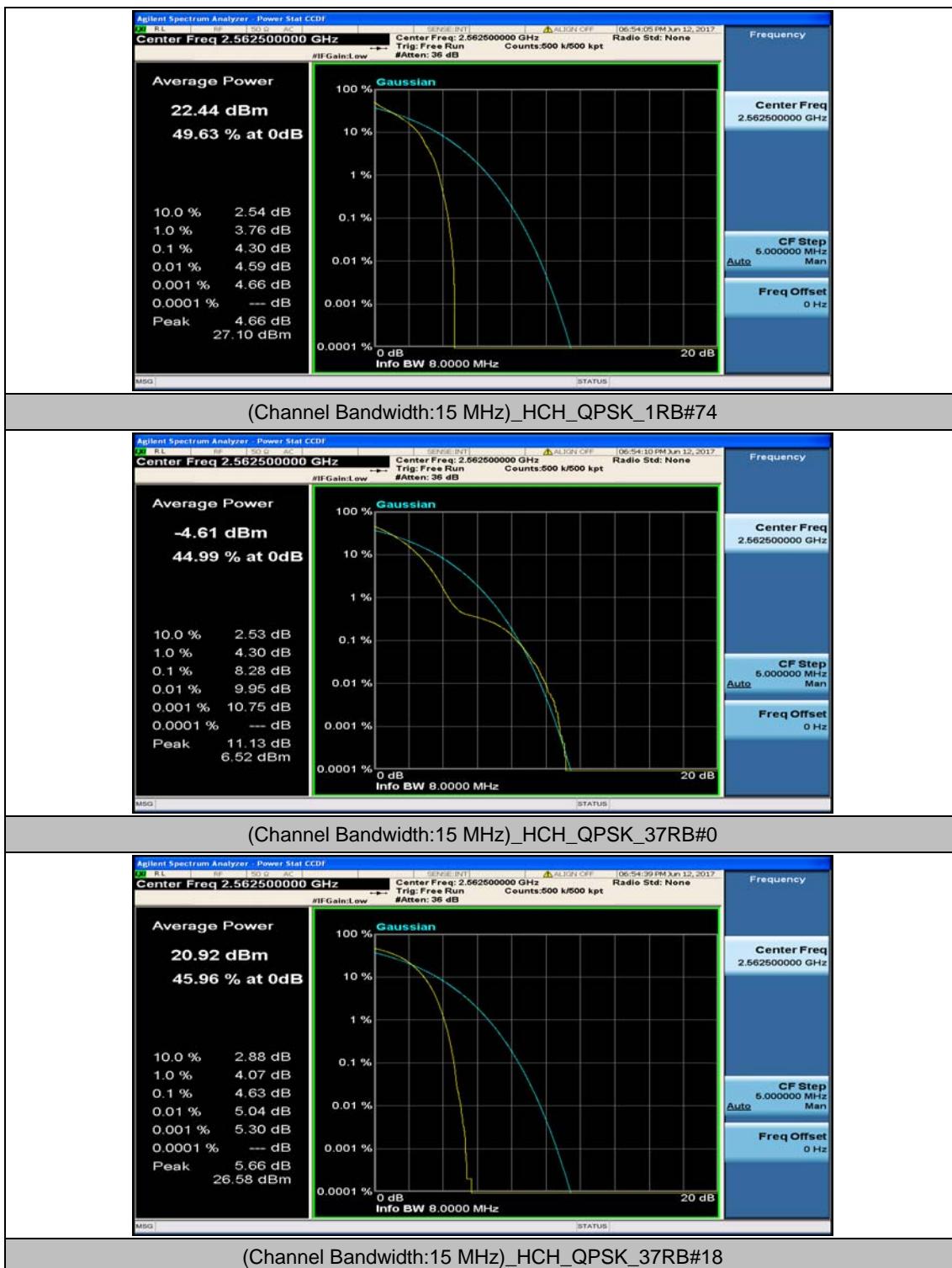


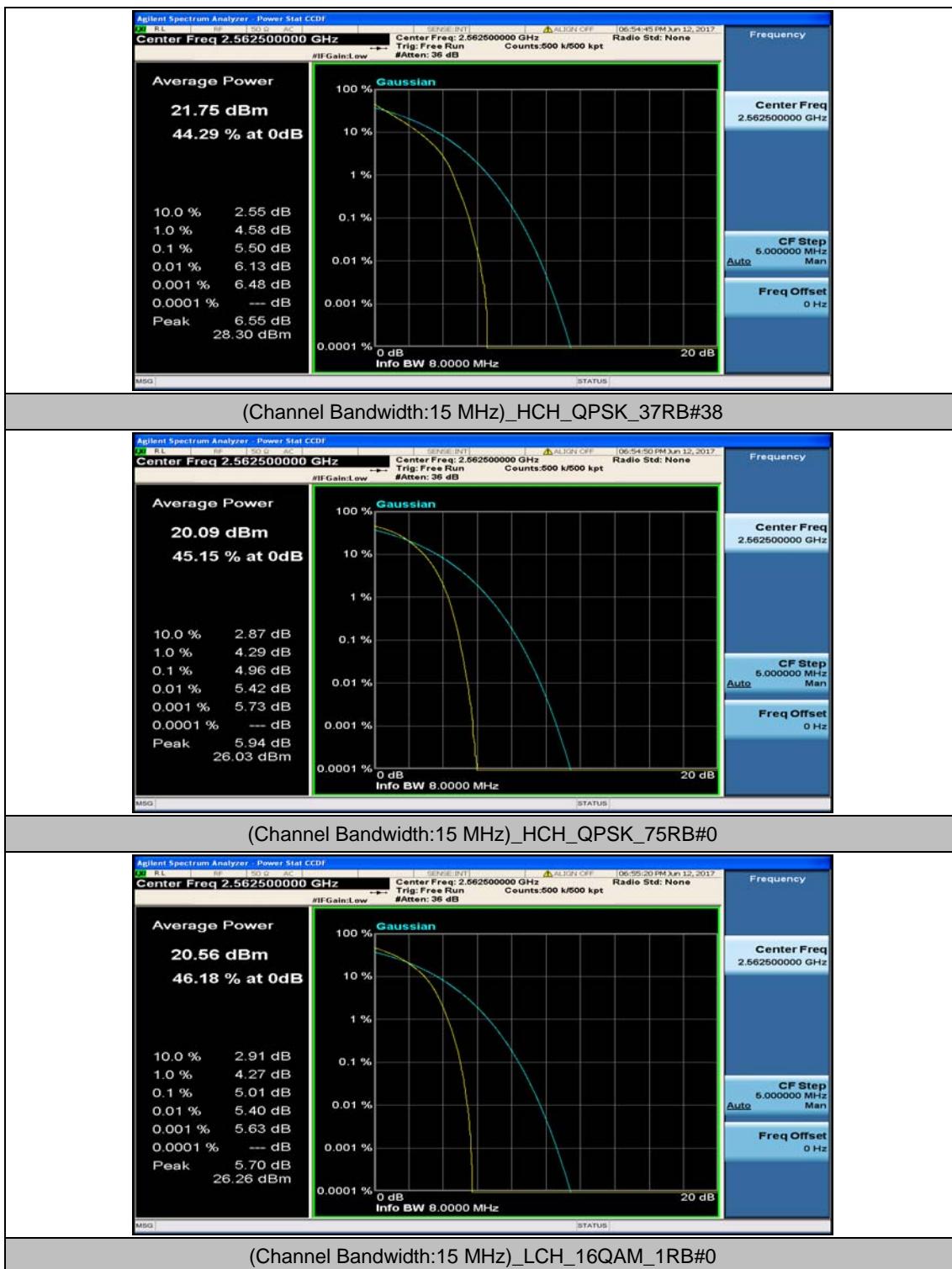


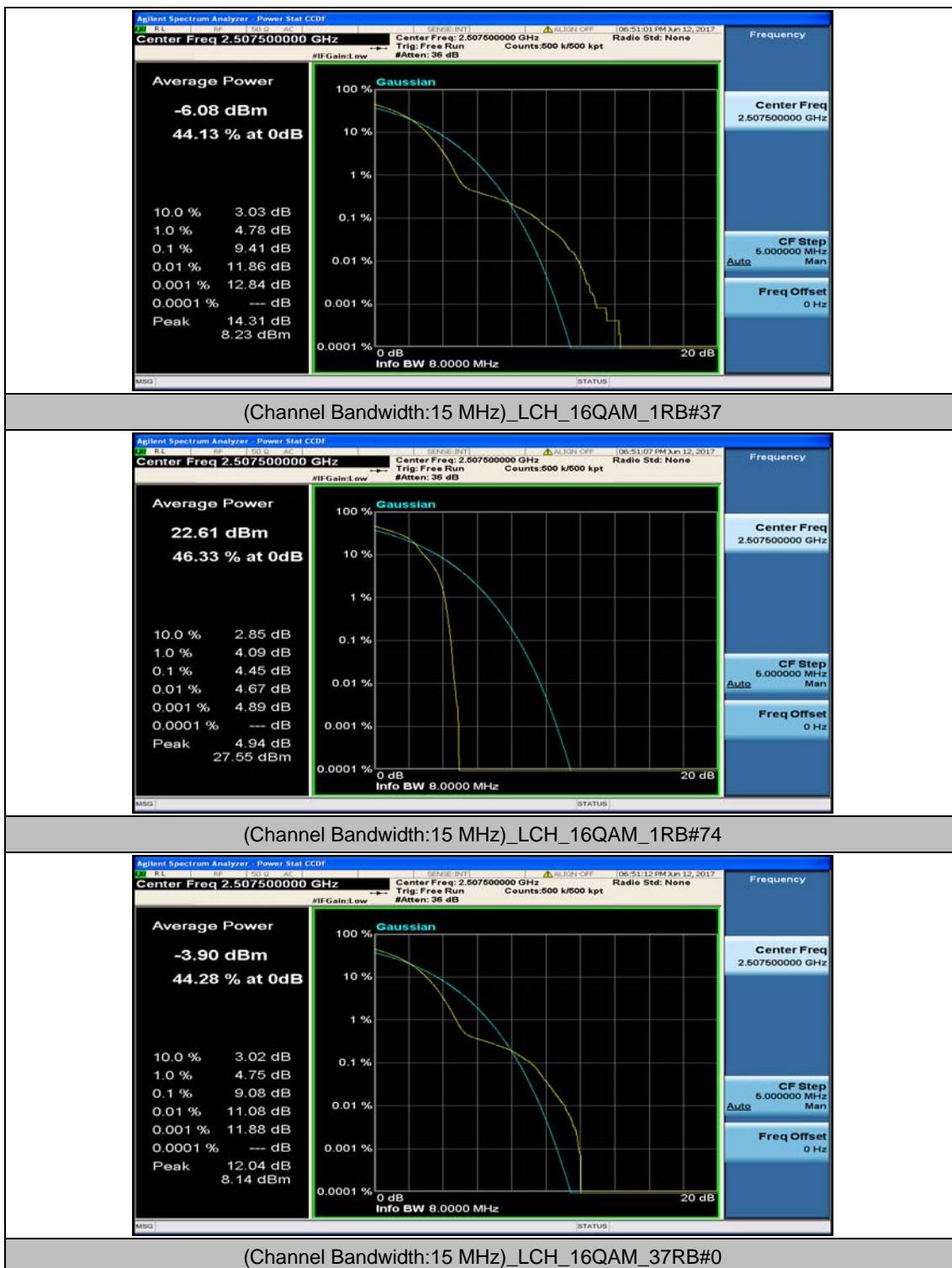
(Channel Bandwidth:15 MHz)\_MCH\_QPSK\_1RB#74

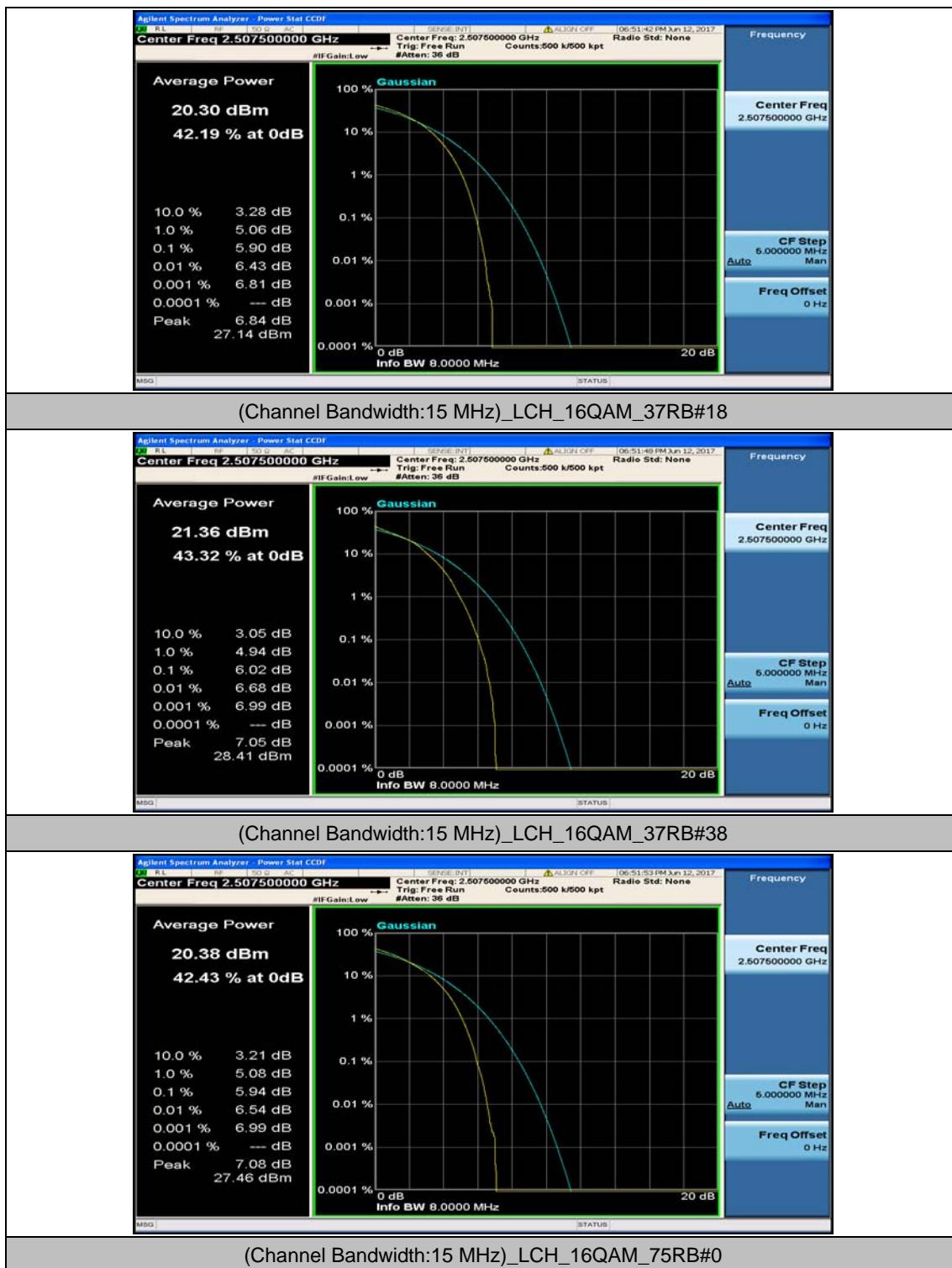


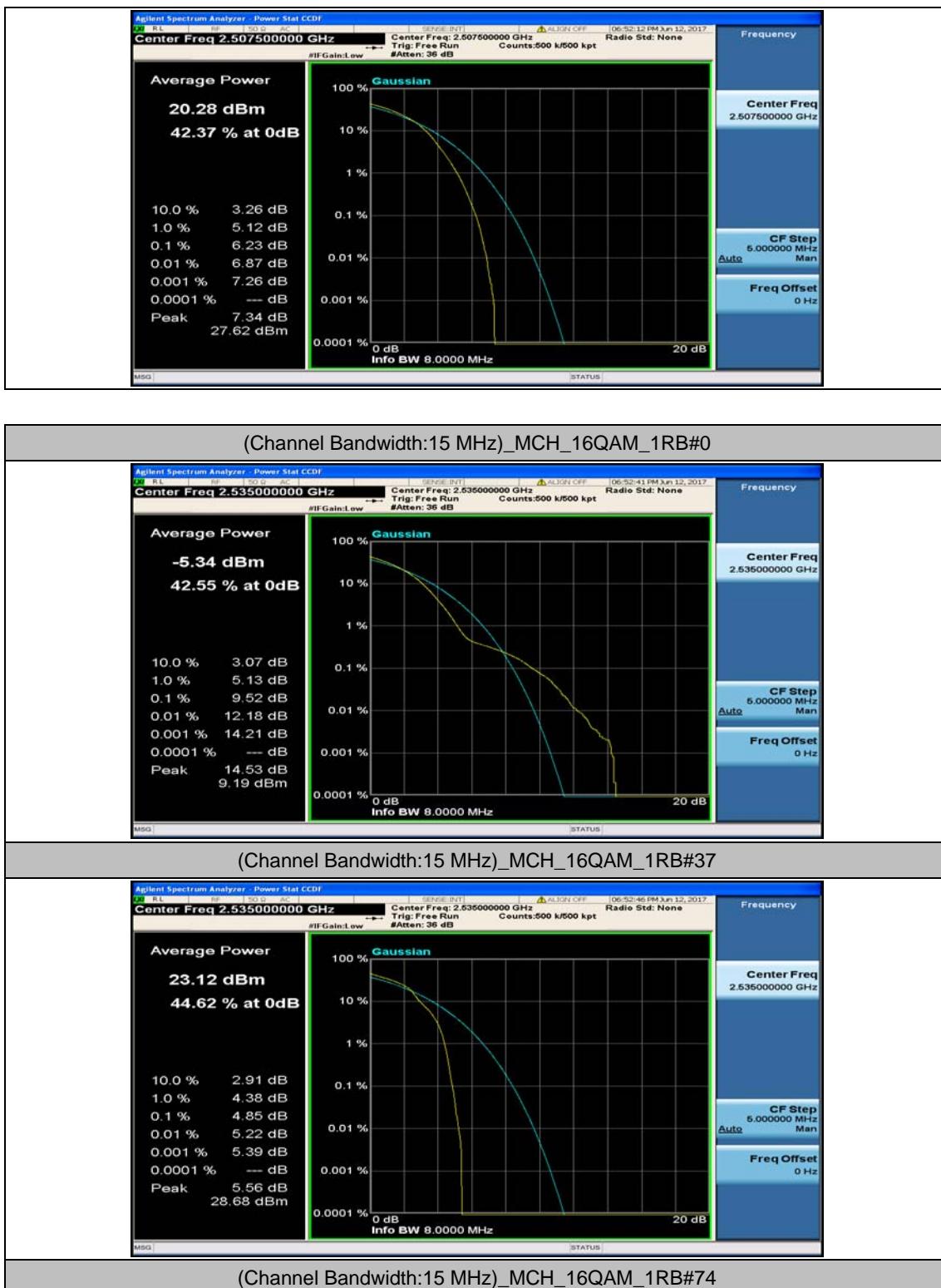


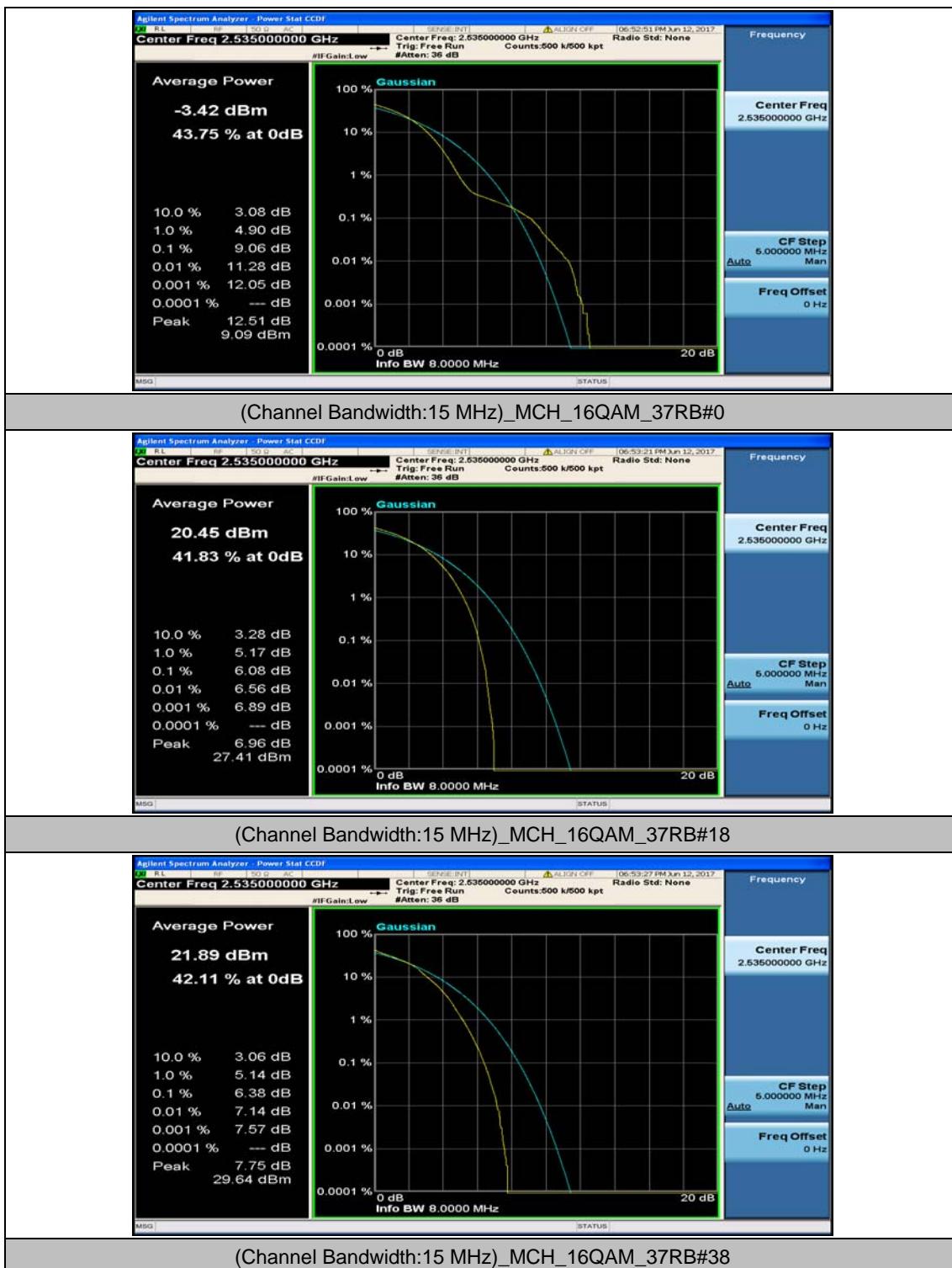


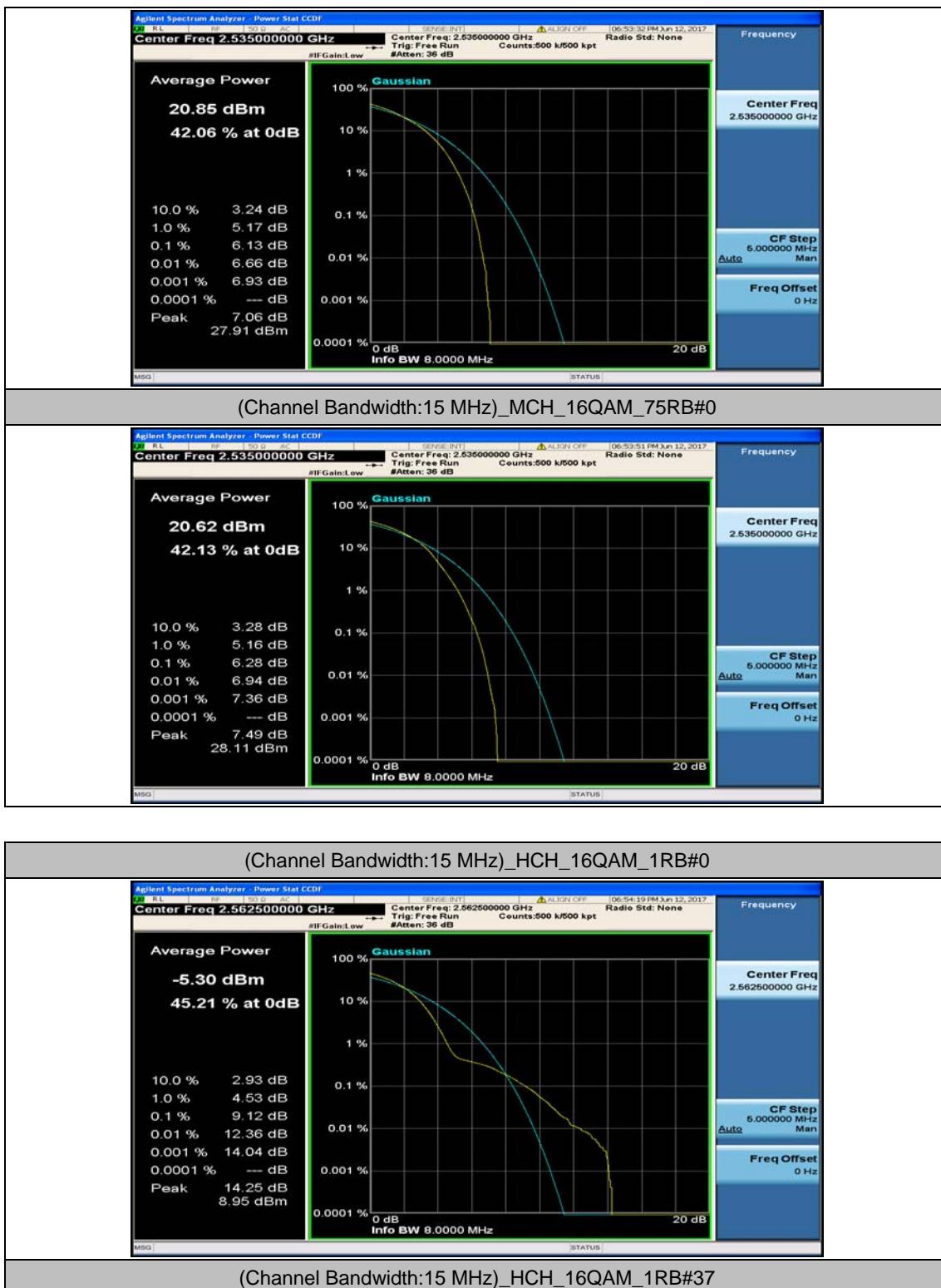


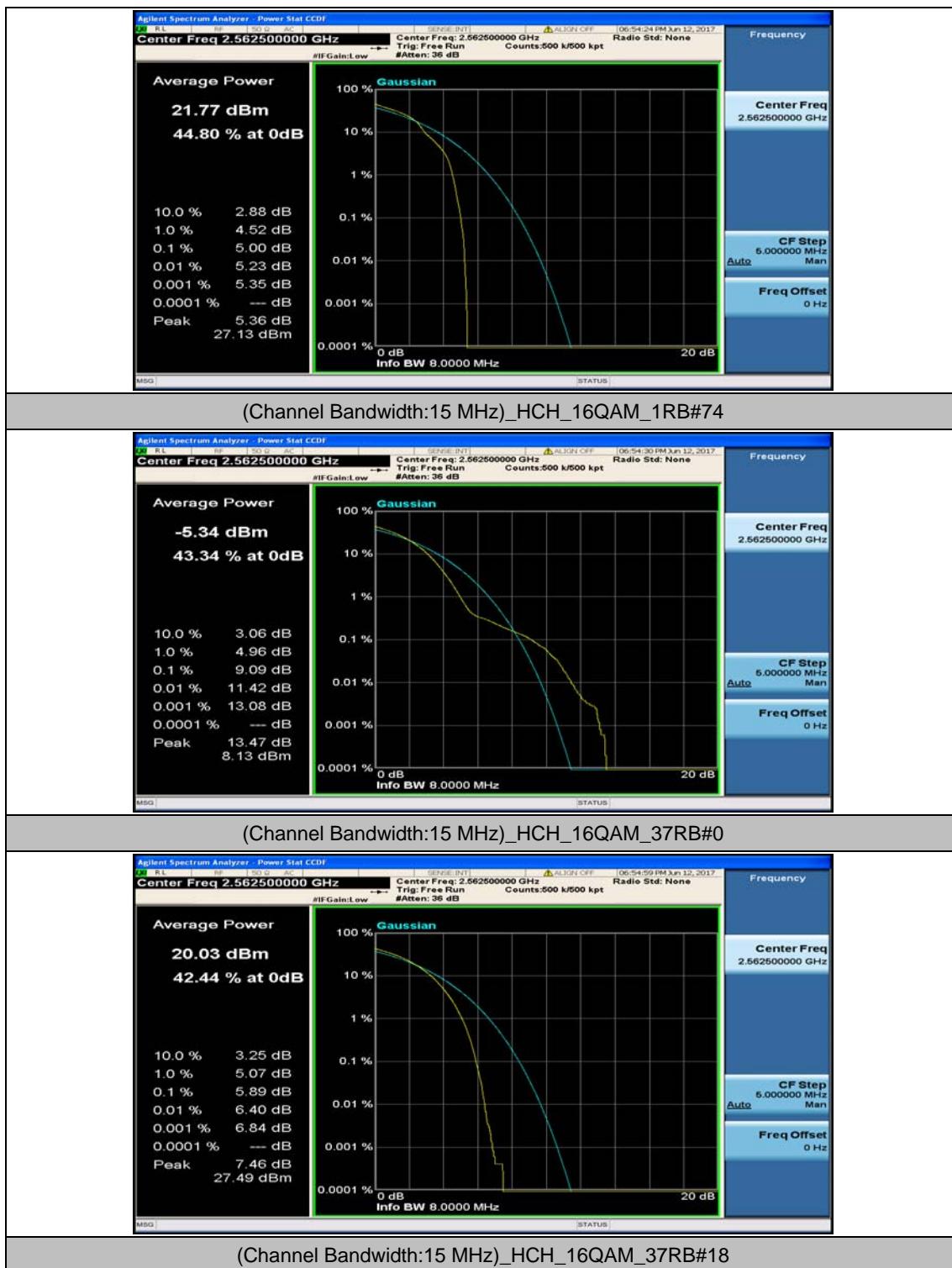


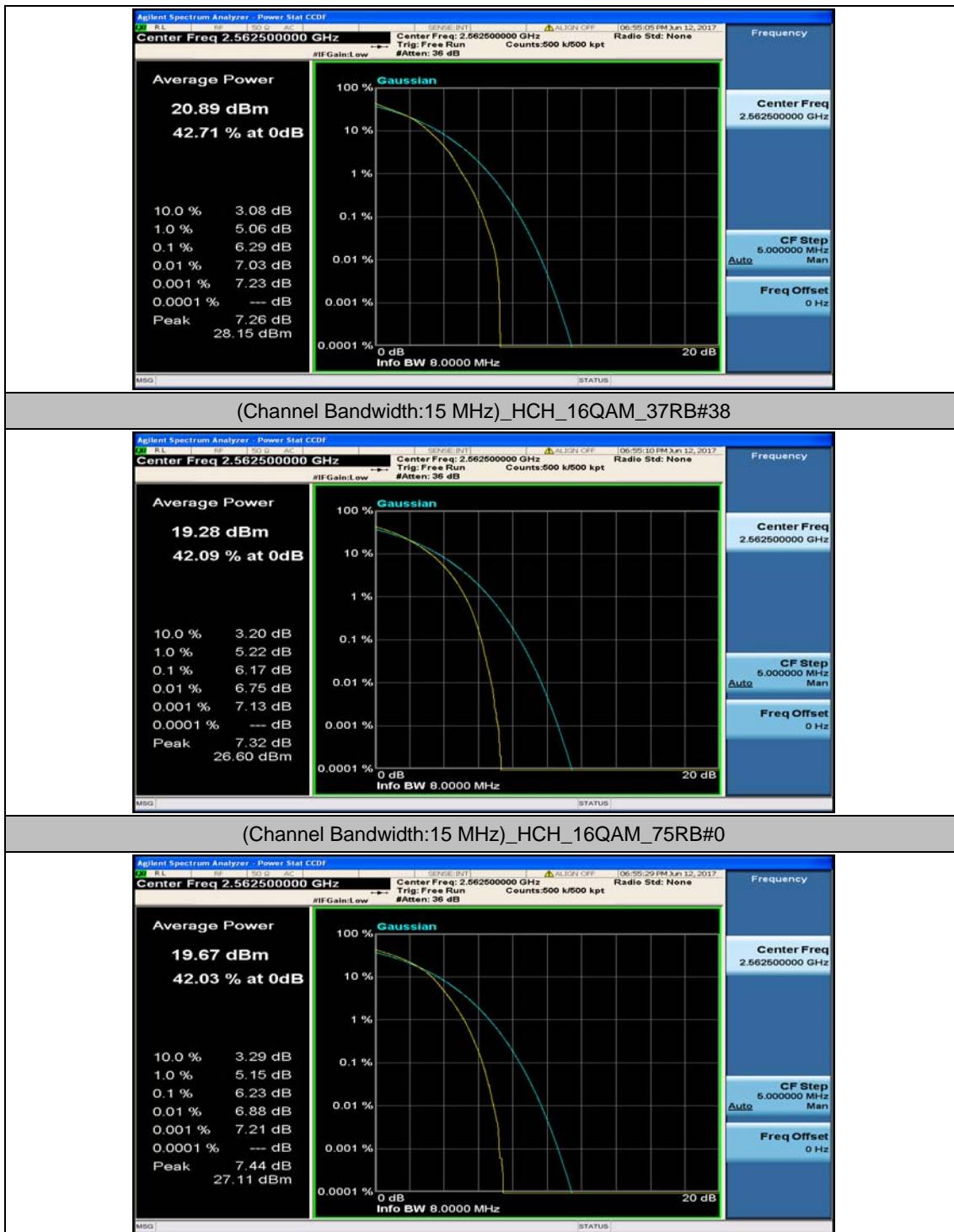












## Channel Bandwidth: 20 MHz

