

## Appendix for Band 7

### Appendix A: Conducted Output Power Data

#### Test Result

##### Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	22.07	/	PASS
		1	12	22.78	/	PASS
		1	24	22.93	/	PASS
		12	0	21.32	/	PASS
		12	6	21.85	/	PASS
		12	13	22.33	/	PASS
		25	0	21.94	/	PASS
	MCH	1	0	22.35	/	PASS
		1	12	22.37	/	PASS
		1	24	23.24	/	PASS
		12	0	21.10	/	PASS
		12	6	21.36	/	PASS
		12	13	21.86	/	PASS
		25	0	21.46	/	PASS
16QAM	LCH	1	0	23.13	/	PASS
		1	12	22.71	/	PASS
		1	24	22.57	/	PASS
		12	0	21.94	/	PASS
		12	6	21.74	/	PASS
		12	13	21.57	/	PASS
		25	0	21.74	/	PASS
	MCH	1	0	21.29	/	PASS
		1	12	22.01	/	PASS
		1	24	22.63	/	PASS
		12	0	20.44	/	PASS
		12	6	21.06	/	PASS
		12	13	21.55	/	PASS
		25	0	21.10	/	PASS

		12	0	20.36	/	PASS
		12	6	20.63	/	PASS
		12	13	21.01	/	PASS
		25	0	20.73	/	PASS
HCH	HCH	1	0	22.55	/	PASS
		1	12	22.14	/	PASS
		1	24	22.03	/	PASS
		12	0	21.18	/	PASS
		12	6	21.05	/	PASS
		12	13	20.79	/	PASS
		25	0	21.00	/	PASS

## Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	22.11	/	PASS
		1	24	22.49	/	PASS
		1	49	22.90	/	PASS
		25	0	21.38	/	PASS
		25	12	21.65	/	PASS
		25	25	21.99	/	PASS
		50	0	21.68	/	PASS
	MCH	1	0	22.32	/	PASS
		1	24	22.71	/	PASS
		1	49	22.86	/	PASS
		25	0	21.57	/	PASS
		25	12	21.78	/	PASS
		25	25	22.00	/	PASS
		50	0	21.75	/	PASS
	HCH	1	0	22.91	/	PASS
		1	24	22.55	/	PASS
		1	49	22.39	/	PASS
		25	0	21.79	/	PASS
		25	12	21.69	/	PASS
		25	25	21.68	/	PASS
		50	0	21.72	/	PASS
16QAM	LCH	1	0	21.47	/	PASS
		1	24	21.82	/	PASS
		1	49	22.28	/	PASS
		25	0	20.52	/	PASS
		25	12	20.78	/	PASS

		25	25	21.12	/	PASS
		50	0	20.81	/	PASS
MCH	1	0	21.71	/	PASS	
	1	24	22.12	/	PASS	
	1	49	22.29	/	PASS	
	25	0	20.84	/	PASS	
	25	12	21.06	/	PASS	
	25	25	21.27	/	PASS	
	50	0	21.03	/	PASS	
HCH	1	0	22.33	/	PASS	
	1	24	22.10	/	PASS	
	1	49	21.91	/	PASS	
	25	0	21.06	/	PASS	
	25	12	20.97	/	PASS	
	25	25	20.88	/	PASS	
	50	0	20.99	/	PASS	

### Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	21.98	/	PASS
		1	37	22.59	/	PASS
		1	74	23.12	/	PASS
		37	0	21.30	/	PASS
		37	18	21.72	/	PASS
		37	38	22.20	/	PASS
		75	0	21.79	/	PASS
	MCH	1	0	22.18	/	PASS
		1	37	22.45	/	PASS
		1	74	23.08	/	PASS
		37	0	21.31	/	PASS
		37	18	21.52	/	PASS
		37	38	21.86	/	PASS
		75	0	21.59	/	PASS
	HCH	1	0	23.14	/	PASS
		1	37	22.49	/	PASS
		1	74	22.54	/	PASS
		37	0	21.97	/	PASS
		37	18	21.73	/	PASS
		37	38	21.59	/	PASS
		75	0	21.75	/	PASS

16QAM	LCH	1	0	21.35	/	PASS
		1	37	21.93	/	PASS
		1	74	22.83	/	PASS
		37	0	20.42	/	PASS
		37	18	20.83	/	PASS
		37	38	21.41	/	PASS
		75	0	21.00	/	PASS
	MCH	1	0	21.58	/	PASS
		1	37	21.87	/	PASS
		1	74	22.53	/	PASS
		37	0	20.55	/	PASS
		37	18	20.77	/	PASS
		37	38	21.15	/	PASS
		75	0	20.85	/	PASS
	HCH	1	0	22.43	/	PASS
		1	37	21.93	/	PASS
		1	74	21.95	/	PASS
		37	0	21.21	/	PASS
		37	18	21.00	/	PASS
		37	38	20.86	/	PASS
		75	0	20.99	/	PASS

### Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	22.94	/	PASS
		1	49	22.44	/	PASS
		1	99	23.37	/	PASS
		50	0	22.31	/	PASS
		50	25	22.26	/	PASS
		50	50	22.45	/	PASS
		100	0	22.17	/	PASS
	MCH	1	0	22.60	/	PASS
		1	49	22.37	/	PASS
		1	99	23.00	/	PASS
		50	0	22.32	/	PASS
		50	25	22.36	/	PASS
		50	50	22.80	/	PASS
		100	0	22.35	/	PASS
	HCH	1	0	23.30	/	PASS
		1	49	22.84	/	PASS

		1	99	23.30	/	PASS
		50	0	22.06	/	PASS
		50	25	21.98	/	PASS
		50	50	22.11	/	PASS
		100	0	21.98	/	PASS
16QAM	LCH	1	0	23.04	/	PASS
		1	49	22.67	/	PASS
		1	99	23.23	/	PASS
		50	0	21.51	/	PASS
		50	25	21.47	/	PASS
		50	50	21.68	/	PASS
		100	0	21.31	/	PASS
	MCH	1	0	22.61	/	PASS
		1	49	22.45	/	PASS
		1	99	23.07	/	PASS
		50	0	21.58	/	PASS
		50	25	21.63	/	PASS
		50	50	21.88	/	PASS
		100	0	21.62	/	PASS
	HCH	1	0	22.48	/	PASS
		1	49	22.06	/	PASS
		1	99	22.66	/	PASS
		50	0	21.22	/	PASS
		50	25	21.17	/	PASS
		50	50	21.34	/	PASS
		100	0	21.20	/	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	3.78	<13	PASS
		1	12	4.08	<13	PASS
		1	24	3.77	<13	PASS
		12	0	5.52	<13	PASS
		12	6	5.51	<13	PASS
		12	13	5.43	<13	PASS
		25	0	5.69	<13	PASS
	MCH	1	0	4.61	<13	PASS
		1	12	4.76	<13	PASS
		1	24	4.32	<13	PASS
		12	0	5.81	<13	PASS
		12	6	5.68	<13	PASS
		12	13	5.69	<13	PASS
		25	0	5.84	<13	PASS
16QAM	HCH	1	0	4.2	<13	PASS
		1	12	4.38	<13	PASS
		1	24	3.93	<13	PASS
		12	0	5.53	<13	PASS
		12	6	5.52	<13	PASS
		12	13	5.48	<13	PASS
		25	0	5.7	<13	PASS
	LCH	1	0	4.84	<13	PASS
		1	12	5.05	<13	PASS
		1	24	4.72	<13	PASS
		12	0	6.27	<13	PASS
		12	6	6.22	<13	PASS
		12	13	6.26	<13	PASS
		25	0	6.44	<13	PASS

	MCH	1	0	5.27	<13	PASS
		1	12	5.48	<13	PASS
		1	24	5.1	<13	PASS
		12	0	6.62	<13	PASS
		12	6	6.57	<13	PASS
		12	13	6.56	<13	PASS
		25	0	6.54	<13	PASS
	HCH	1	0	5.16	<13	PASS
		1	12	5.29	<13	PASS
		1	24	4.85	<13	PASS
		12	0	6.24	<13	PASS
		12	6	6.23	<13	PASS
		12	13	6.18	<13	PASS
		25	0	6.38	<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	4.49	<13	PASS
		1	24	4.39	<13	PASS
		1	49	4.17	<13	PASS
		25	0	5.67	<13	PASS
		25	12	5.64	<13	PASS
		25	25	5.53	<13	PASS
		50	0	5.66	<13	PASS
	MCH	1	0	5.06	<13	PASS
		1	24	4.92	<13	PASS
		1	49	4.69	<13	PASS
		25	0	5.84	<13	PASS
		25	12	5.89	<13	PASS
		25	25	5.69	<13	PASS
		50	0	5.77	<13	PASS
	HCH	1	0	4.3	<13	PASS
		1	24	4.48	<13	PASS
		1	49	4.3	<13	PASS
		25	0	5.59	<13	PASS
		25	12	5.63	<13	PASS
		25	25	5.55	<13	PASS
		50	0	5.73	<13	PASS
16QAM	LCH	1	0	5.42	<13	PASS

		1	24	5.27	<13	PASS
		1	49	5.09	<13	PASS
		25	0	6.46	<13	PASS
		25	12	6.43	<13	PASS
		25	25	6.3	<13	PASS
		50	0	6.38	<13	PASS
	MCH	1	0	5.94	<13	PASS
		1	24	5.79	<13	PASS
		1	49	5.56	<13	PASS
		25	0	6.59	<13	PASS
		25	12	6.66	<13	PASS
		25	25	6.48	<13	PASS
		50	0	6.47	<13	PASS
	HCH	1	0	5.3	<13	PASS
		1	24	5.33	<13	PASS
		1	49	5.23	<13	PASS
		25	0	6.36	<13	PASS
		25	12	6.39	<13	PASS
		25	25	6.35	<13	PASS
		50	0	6.37	<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	9.21	<13	PASS
		1	37	4.21	<13	PASS
		1	74	8.77	<13	PASS
		37	0	4.82	<13	PASS
		37	18	5.57	<13	PASS
		37	38	4.82	<13	PASS
		75	0	5.05	<13	PASS
QPSK	MCH	1	0	9.2	<13	PASS
		1	37	4.88	<13	PASS
		1	74	8.52	<13	PASS
		37	0	4.88	<13	PASS
		37	18	5.79	<13	PASS
		37	38	4.94	<13	PASS
		75	0	5.03	<13	PASS
QPSK	HCH	1	0	9.14	<13	PASS
		1	37	4.57	<13	PASS

		1	74	8.45	<13	PASS
		37	0	4.73	<13	PASS
		37	18	5.61	<13	PASS
		37	38	4.91	<13	PASS
		75	0	4.97	<13	PASS
16QAM	LCH	1	0	8.92	<13	PASS
		1	37	5.16	<13	PASS
		1	74	9.21	<13	PASS
		37	0	6.06	<13	PASS
		37	18	6.33	<13	PASS
		37	38	6.03	<13	PASS
		75	0	6.26	<13	PASS
	MCH	1	0	9.14	<13	PASS
		1	37	5.77	<13	PASS
		1	74	9.25	<13	PASS
		37	0	6.15	<13	PASS
		37	18	6.53	<13	PASS
		37	38	6.18	<13	PASS
		75	0	6.33	<13	PASS
	HCH	1	0	9.41	<13	PASS
		1	37	5.53	<13	PASS
		1	74	9.19	<13	PASS
		37	0	5.98	<13	PASS
		37	18	6.37	<13	PASS
		37	38	6.11	<13	PASS
		75	0	6.22	<13	PASS

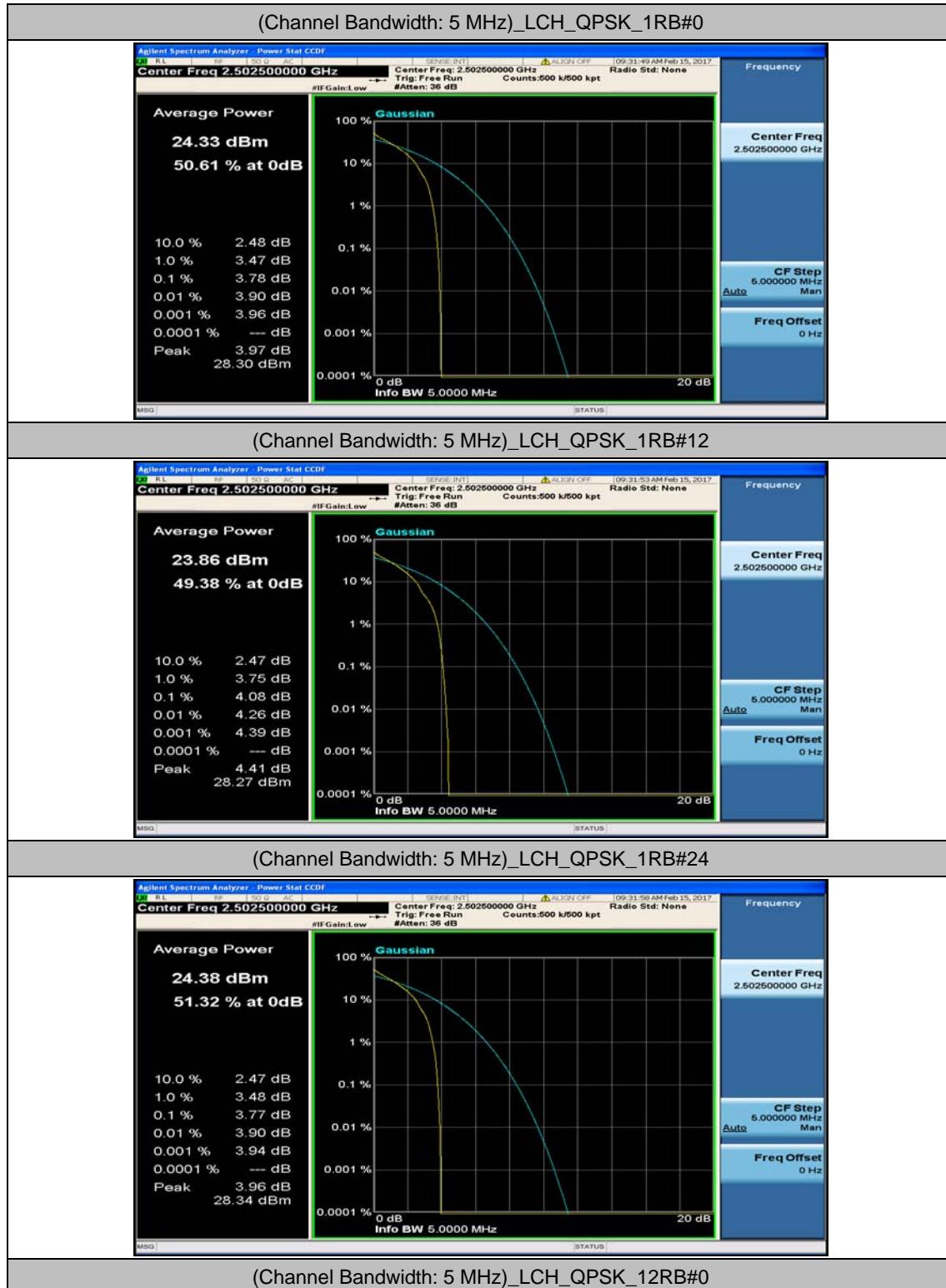
## Channel Bandwidth: 20 MHz

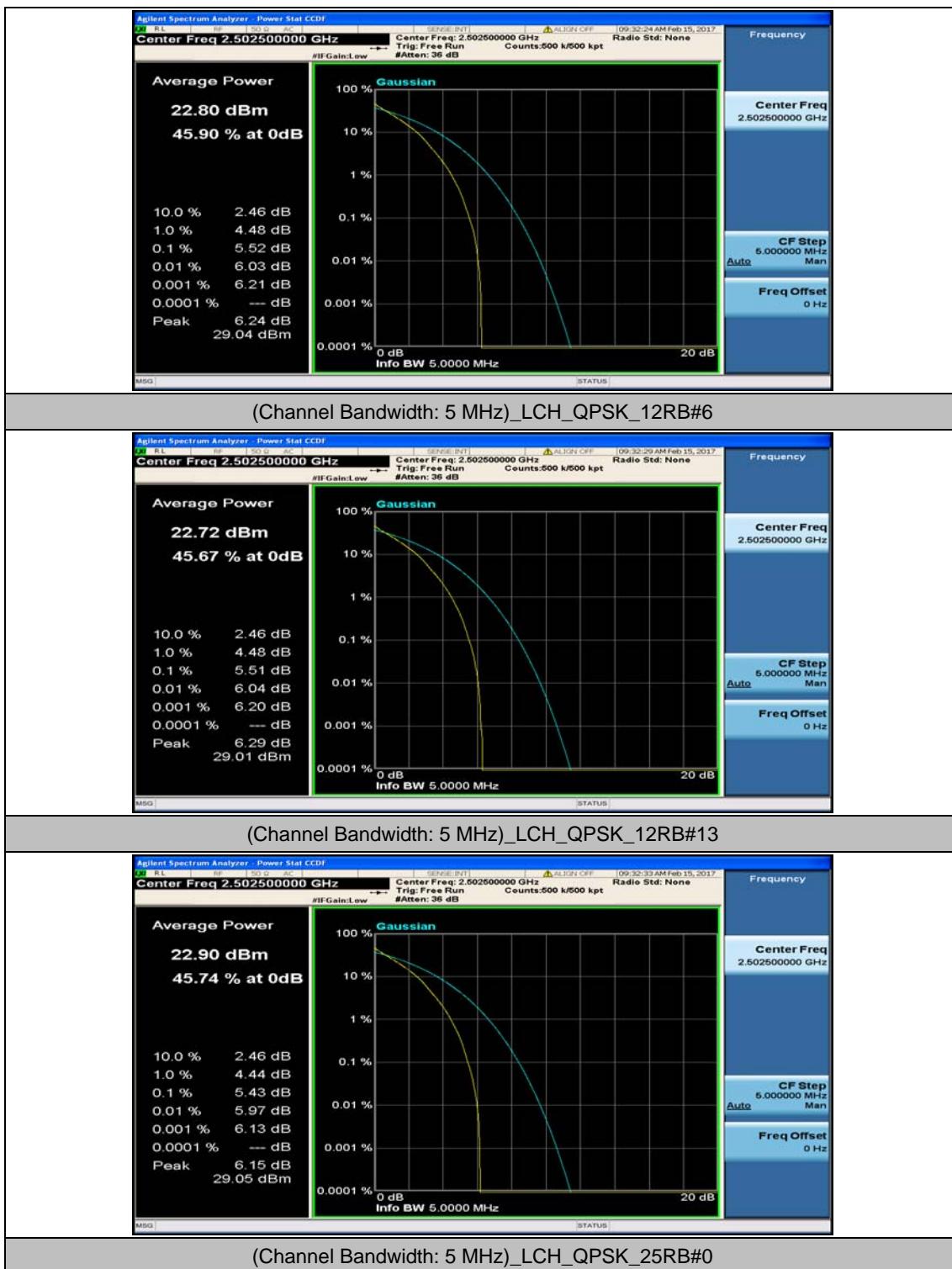
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	11.4	<13	PASS
		1	49	4.22	<13	PASS
		1	99	11.62	<13	PASS
		50	0	5.59	<13	PASS
		50	25	5.54	<13	PASS
		50	50	5.78	<13	PASS
		100	0	5.7	<13	PASS
	MCH	1	0	10.89	<13	PASS
		1	49	4.96	<13	PASS
		1	99	10.82	<13	PASS

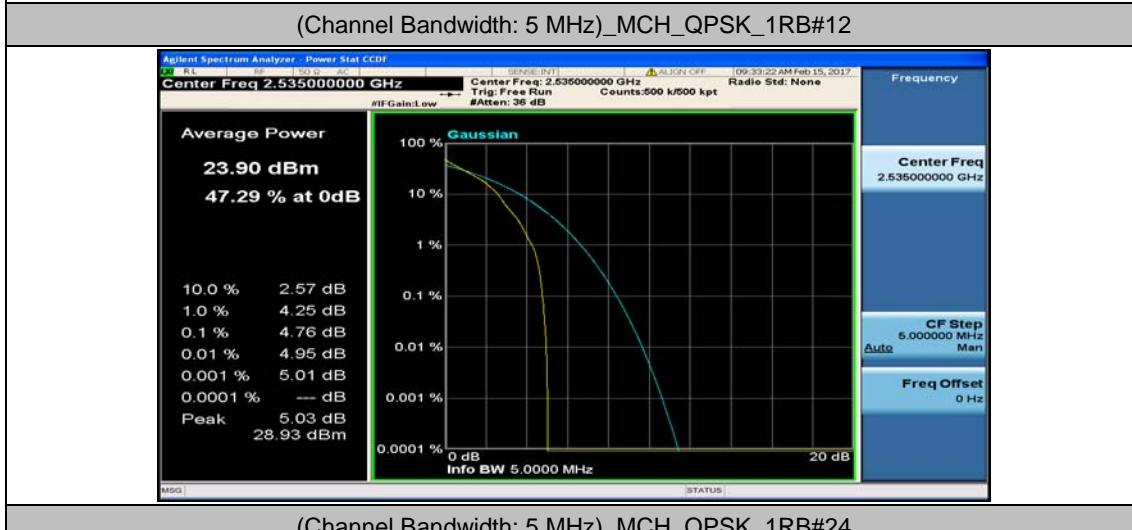
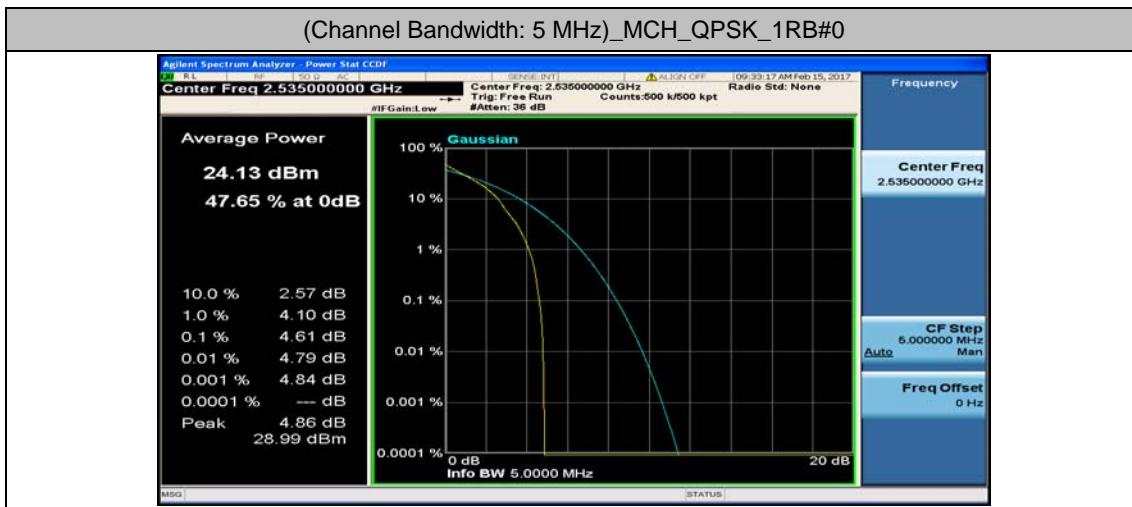
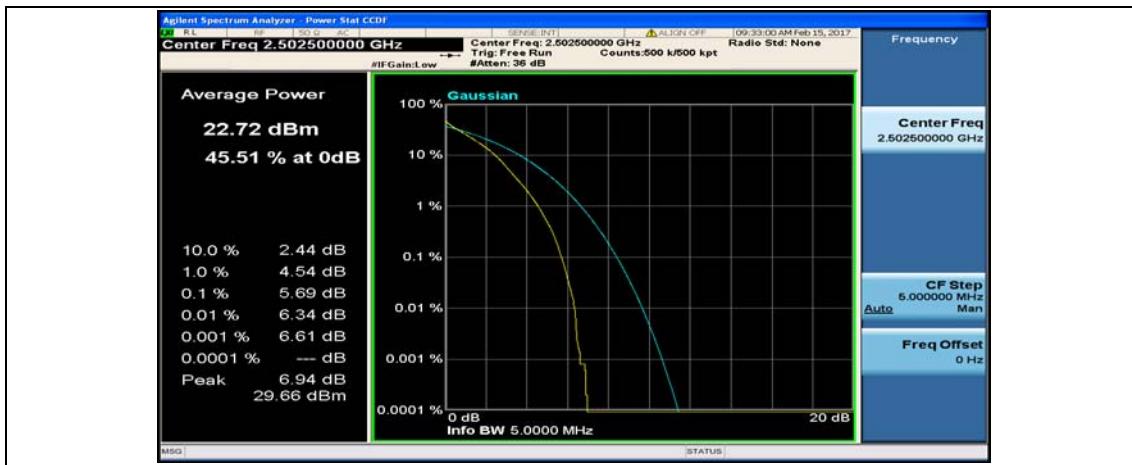
	HCH	50	0	5.57	<13	PASS
		50	25	5.86	<13	PASS
		50	50	5.84	<13	PASS
		100	0	5.71	<13	PASS
		1	0	11.73	<13	PASS
		1	49	4.55	<13	PASS
		1	99	11.68	<13	PASS
		50	0	5.53	<13	PASS
		50	25	5.62	<13	PASS
		50	50	5.84	<13	PASS
16QAM	LCH	100	0	5.69	<13	PASS
		1	0	11.67	<13	PASS
		1	49	5.02	<13	PASS
		1	99	11.36	<13	PASS
		50	0	6.62	<13	PASS
		50	25	6.32	<13	PASS
		50	50	6.62	<13	PASS
	MCH	100	0	6.75	<13	PASS
		1	0	11.11	<13	PASS
		1	49	5.76	<13	PASS
		1	99	11.33	<13	PASS
		50	0	6.66	<13	PASS
		50	25	6.56	<13	PASS
		50	50	6.66	<13	PASS
	HCH	100	0	6.82	<13	PASS
		1	0	11.88	<13	PASS
		1	49	5.25	<13	PASS
		1	99	11.78	<13	PASS
		50	0	6.57	<13	PASS
		50	25	6.35	<13	PASS
		50	50	6.66	<13	PASS
		100	0	6.69	<13	PASS

## Test Graphs

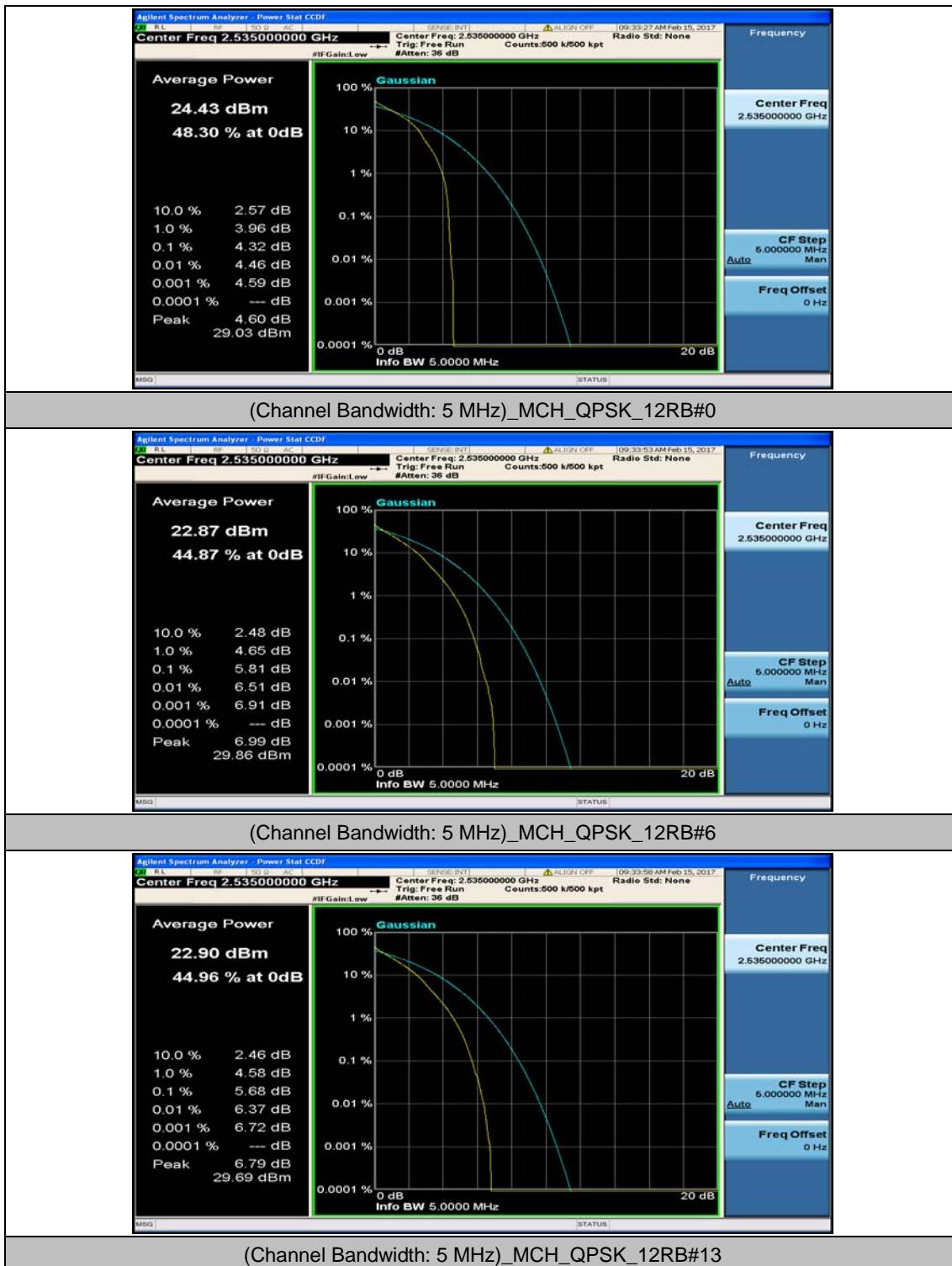
### Channel Bandwidth: 5 MHz

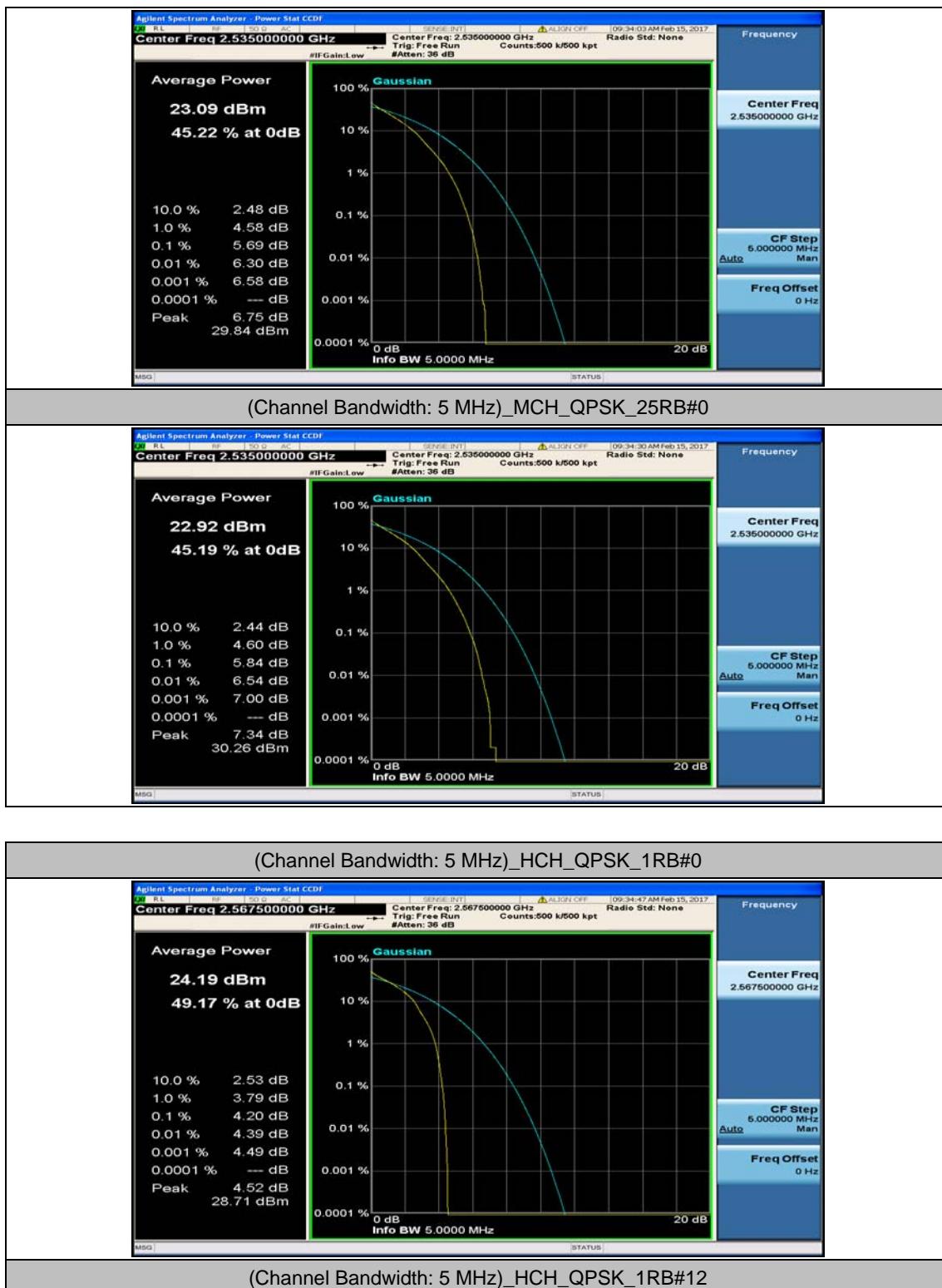


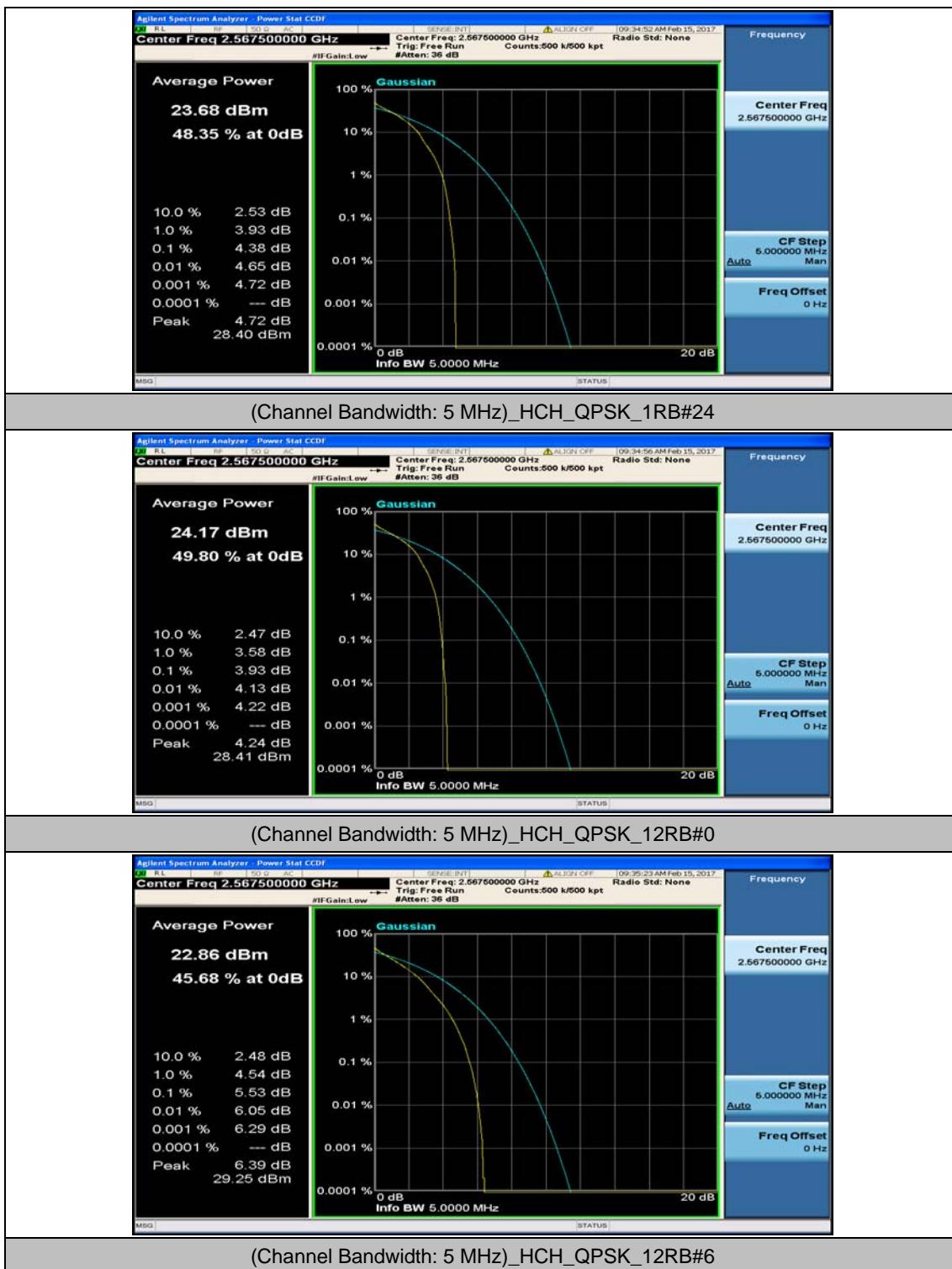


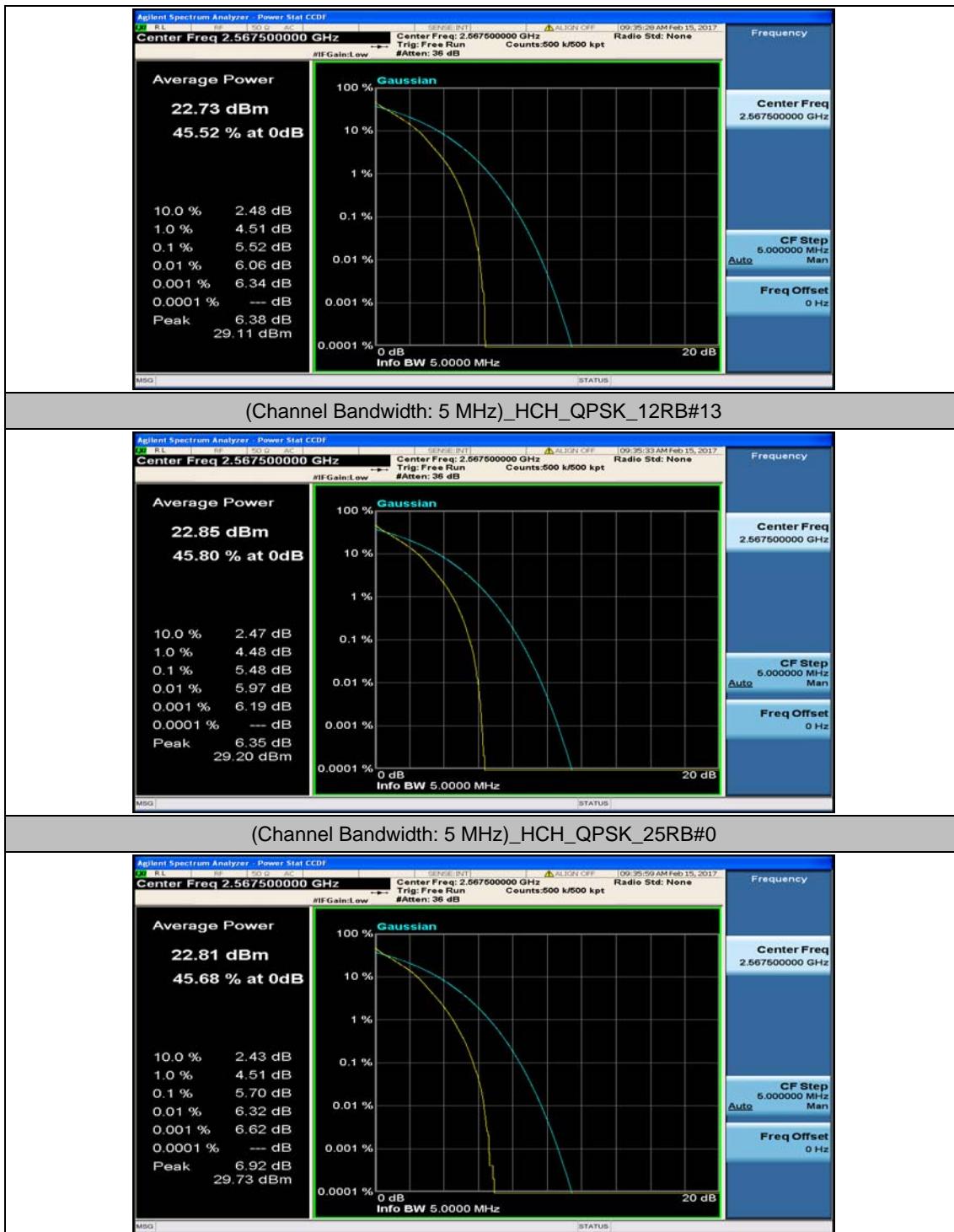


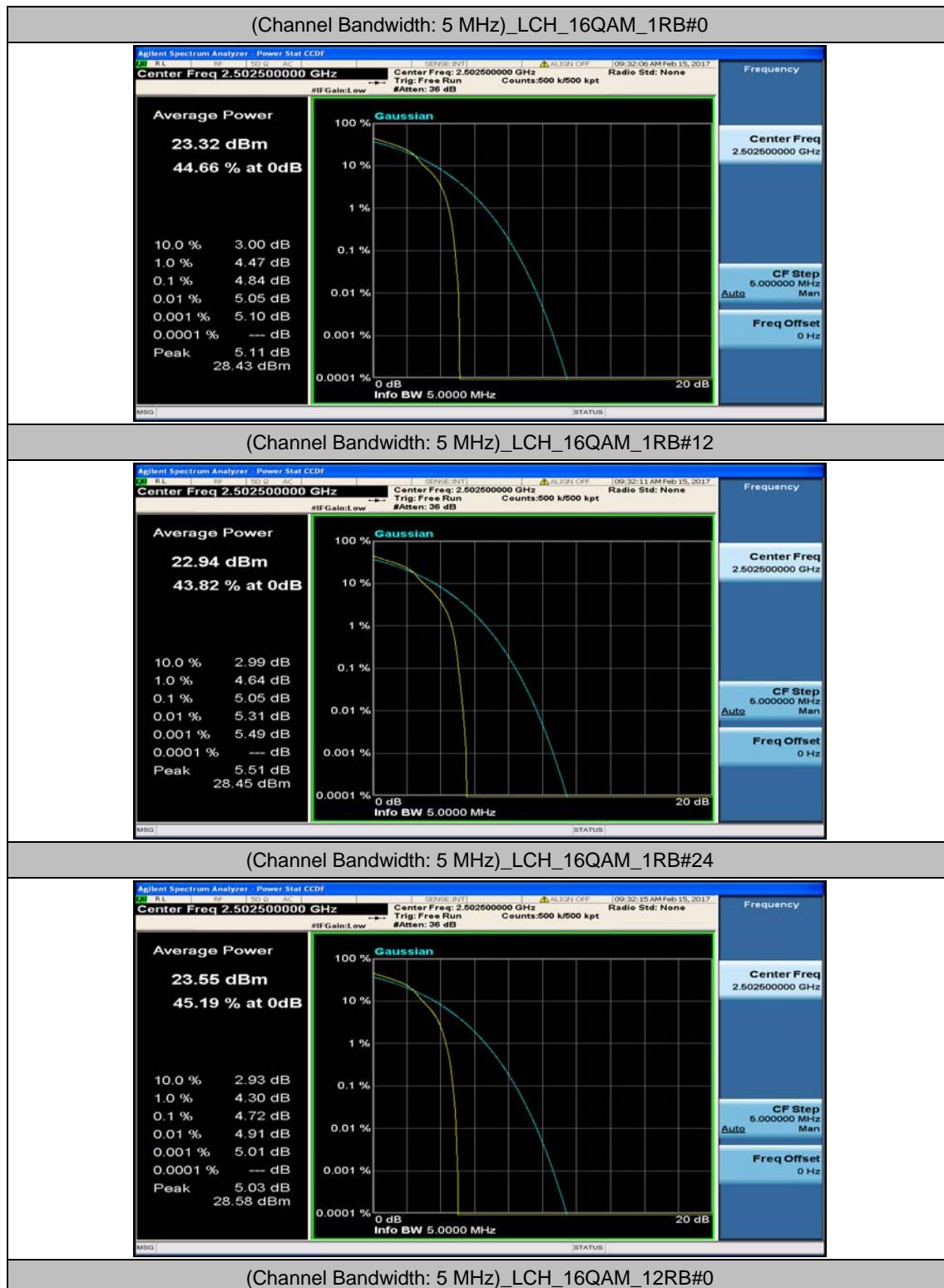
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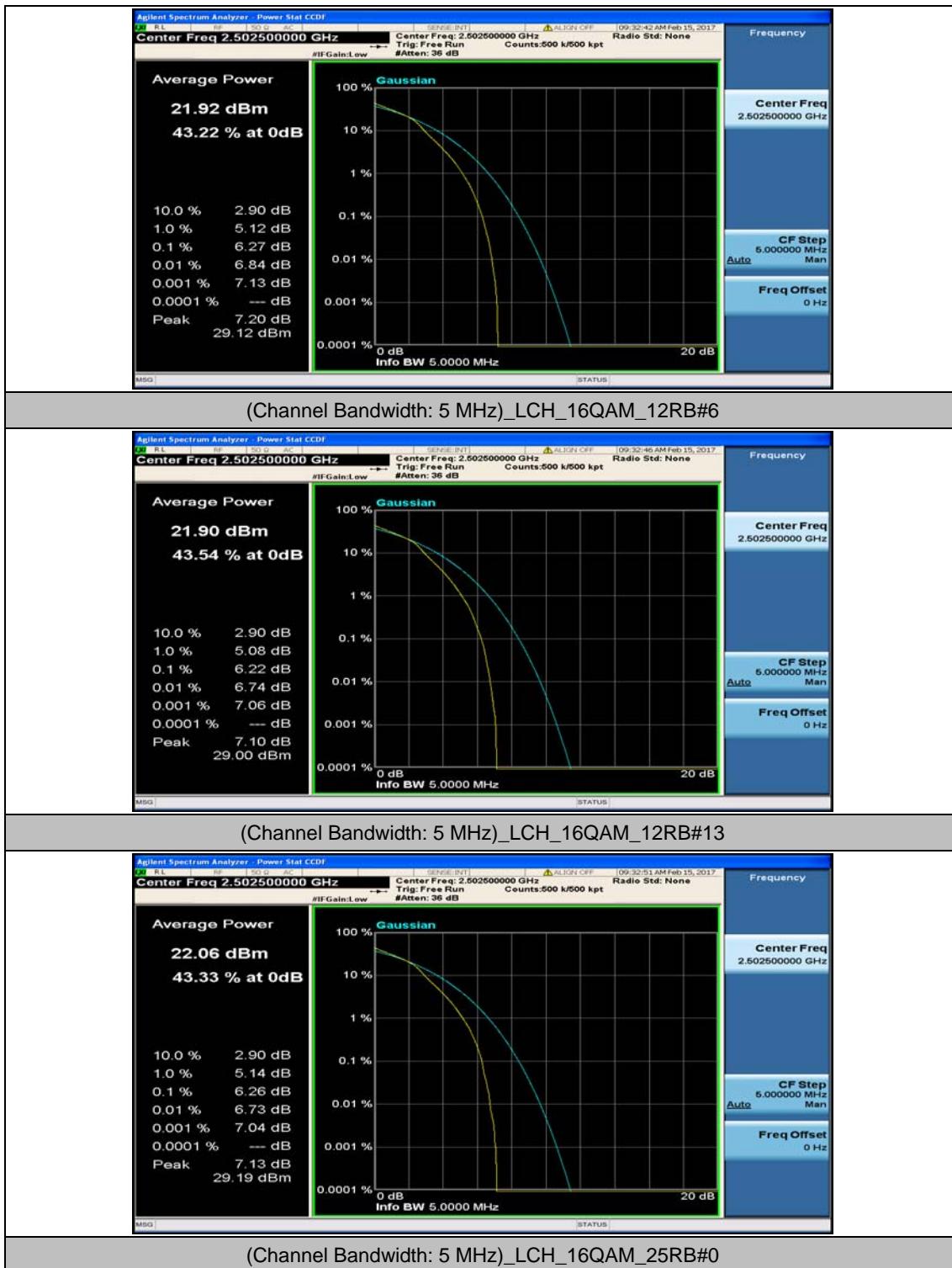


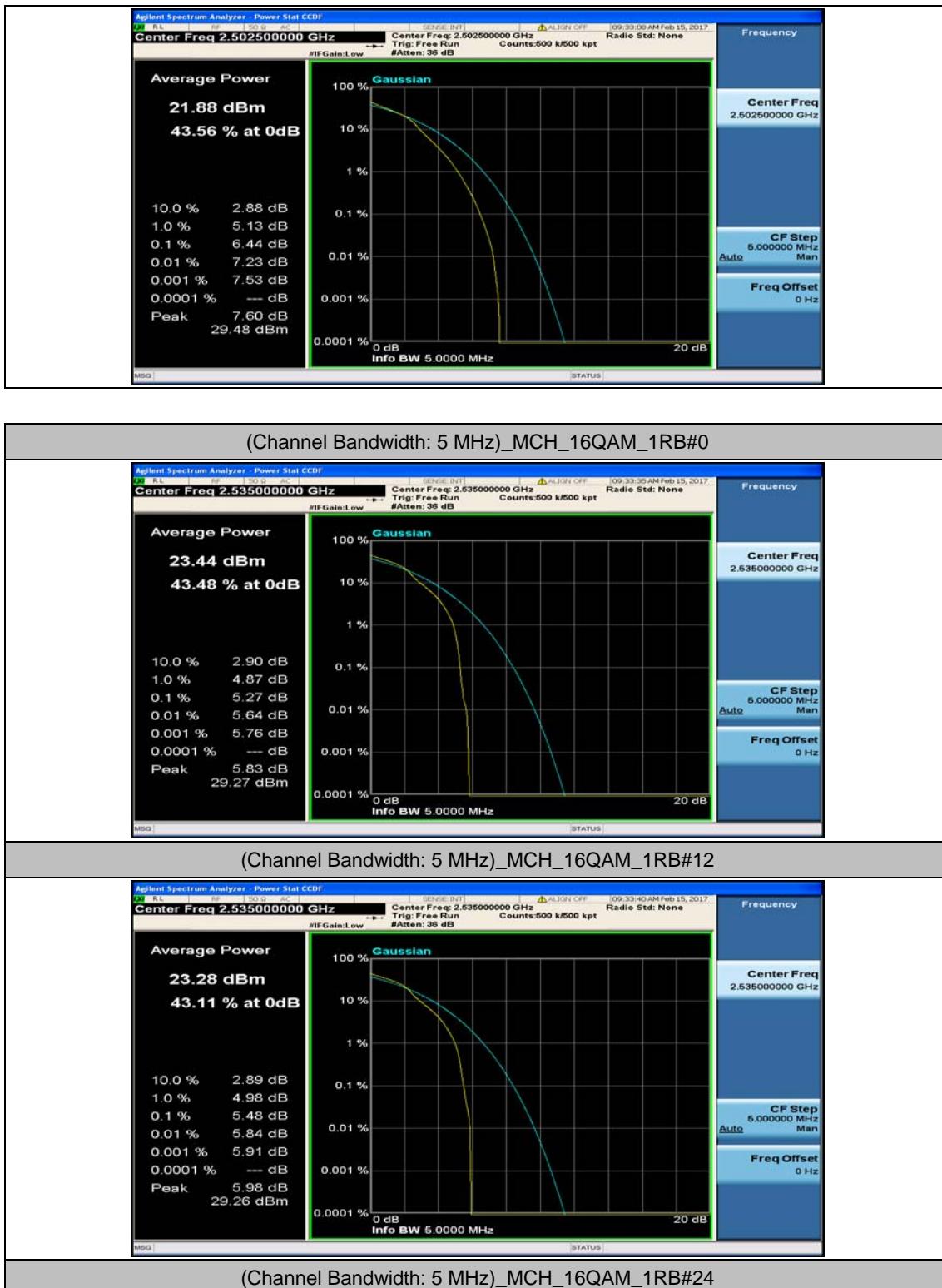


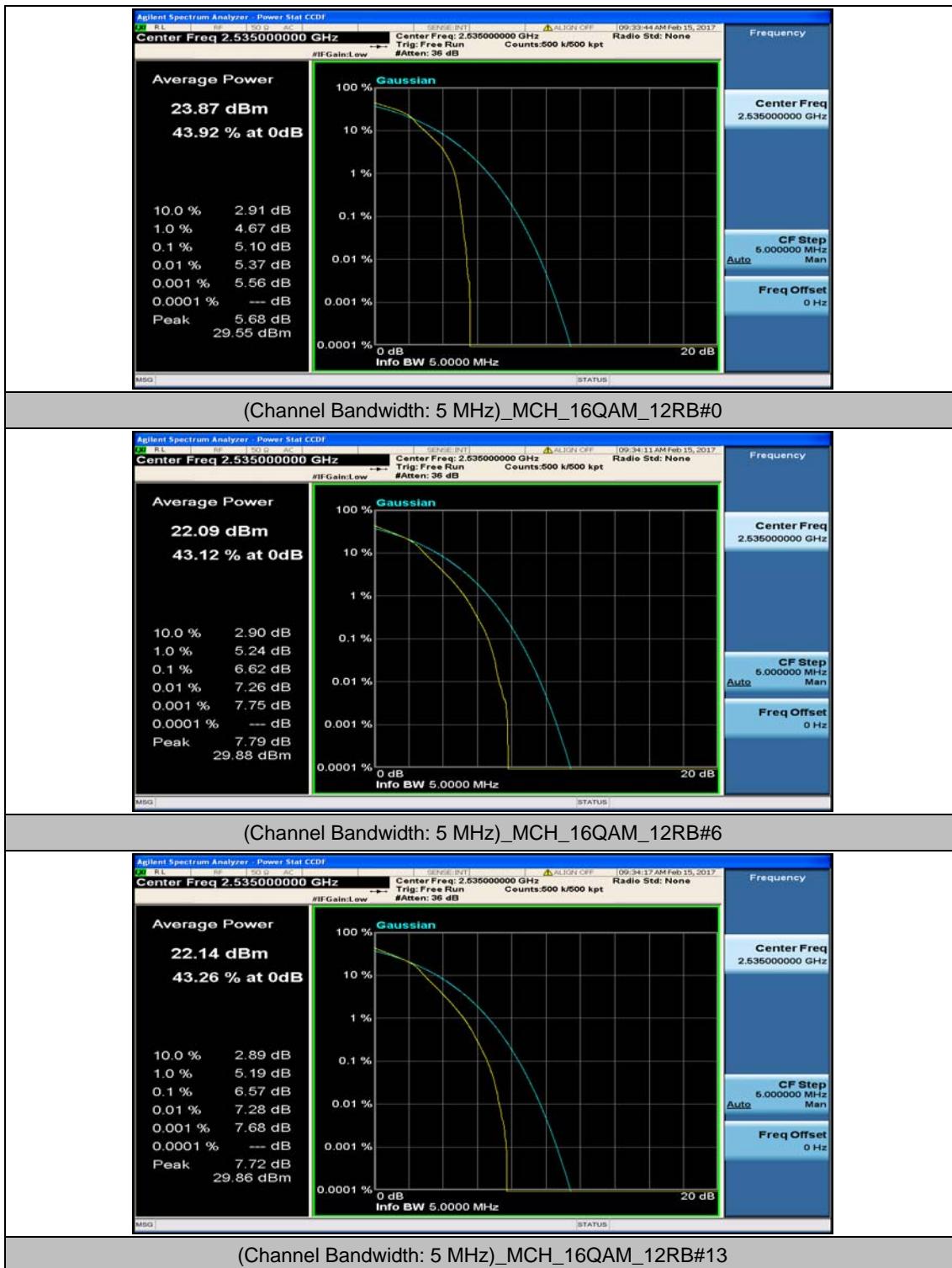


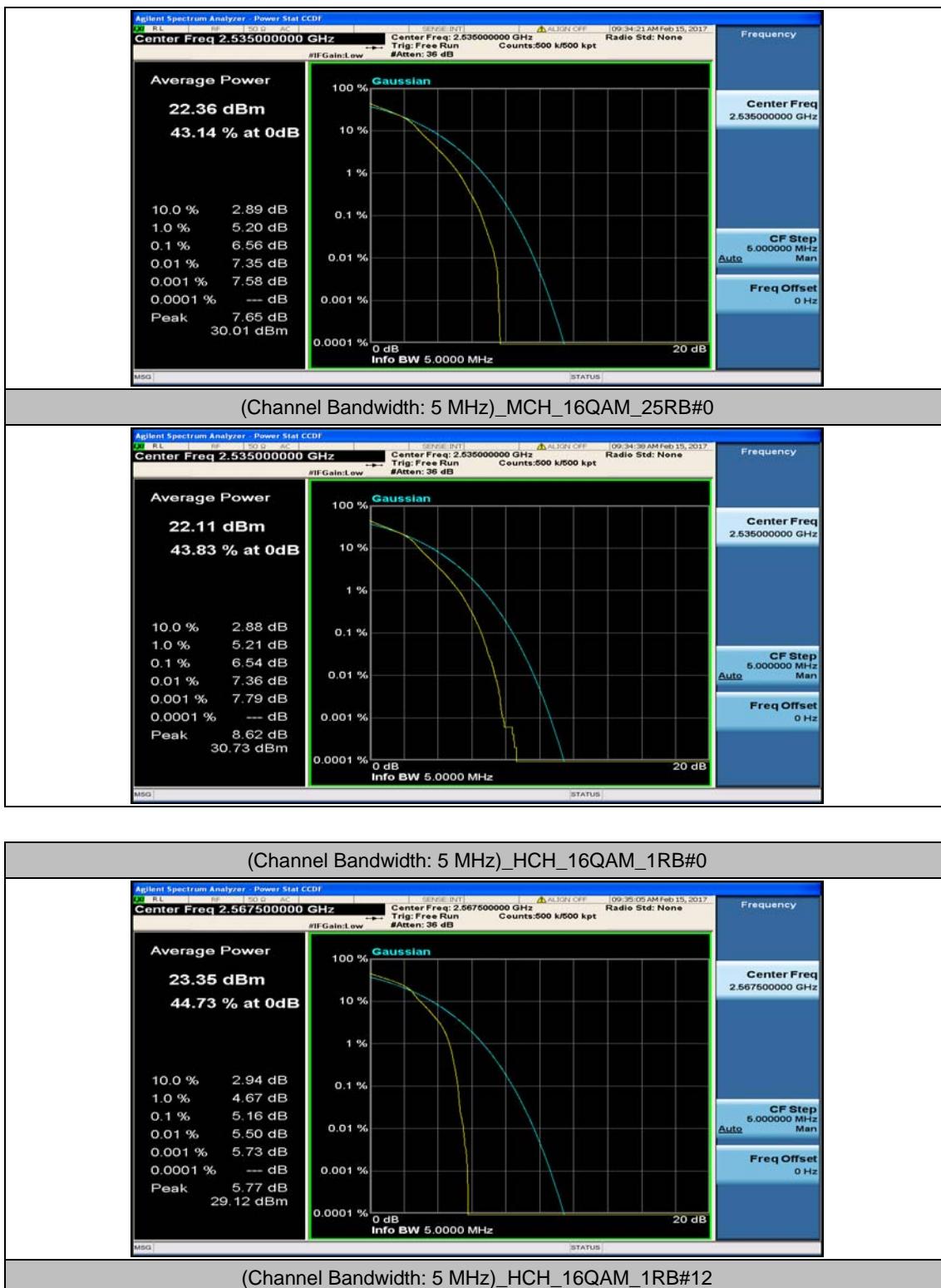


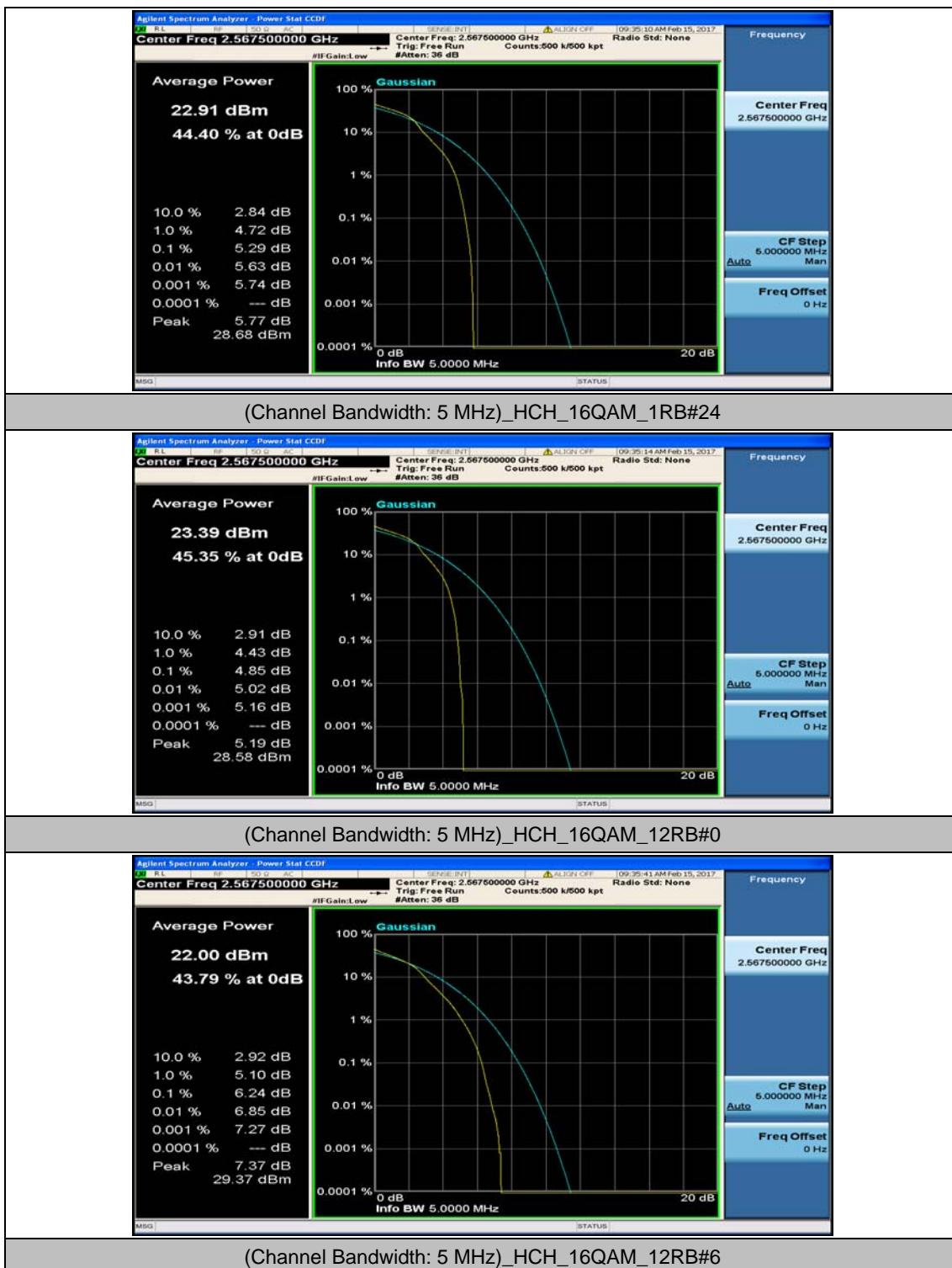


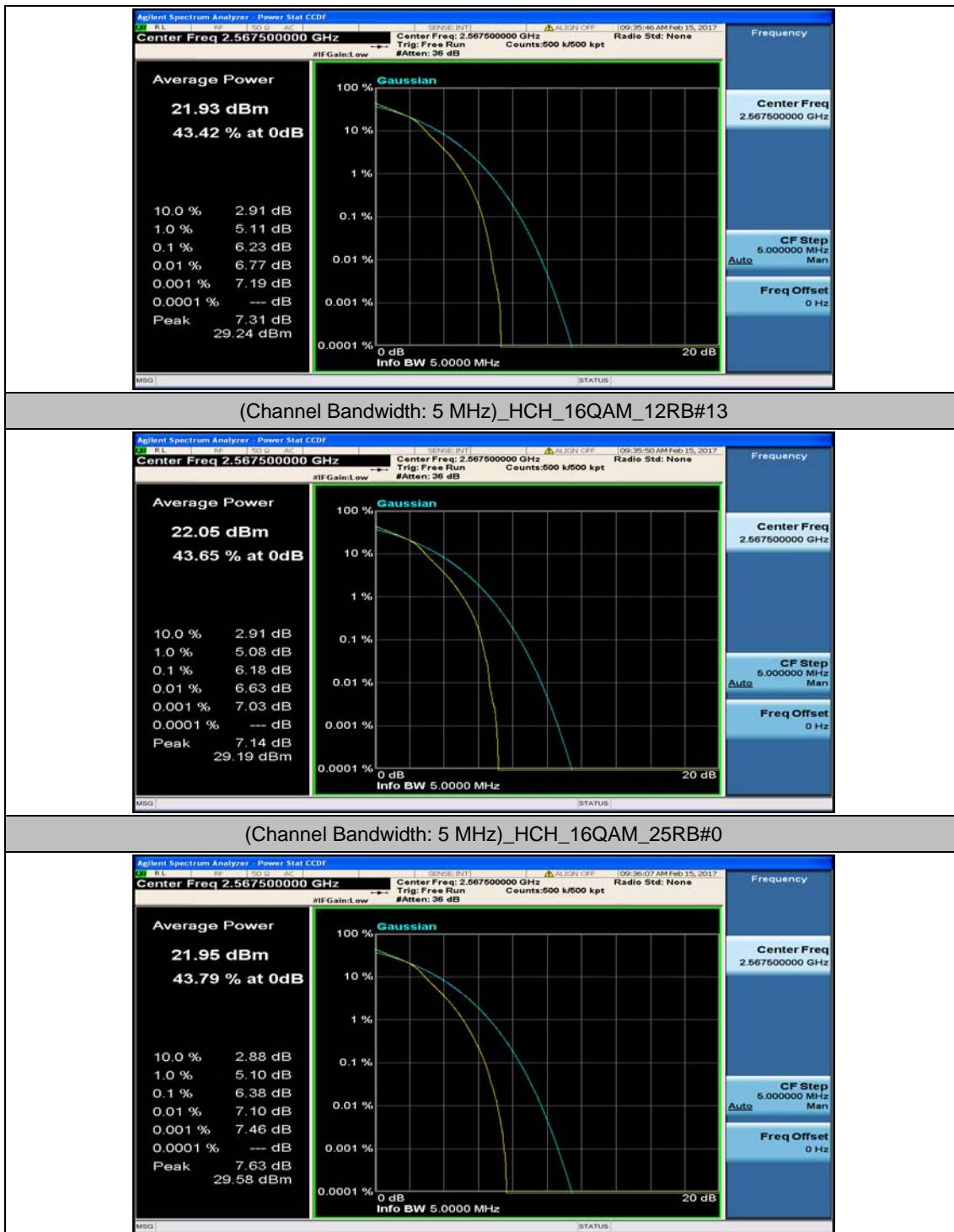




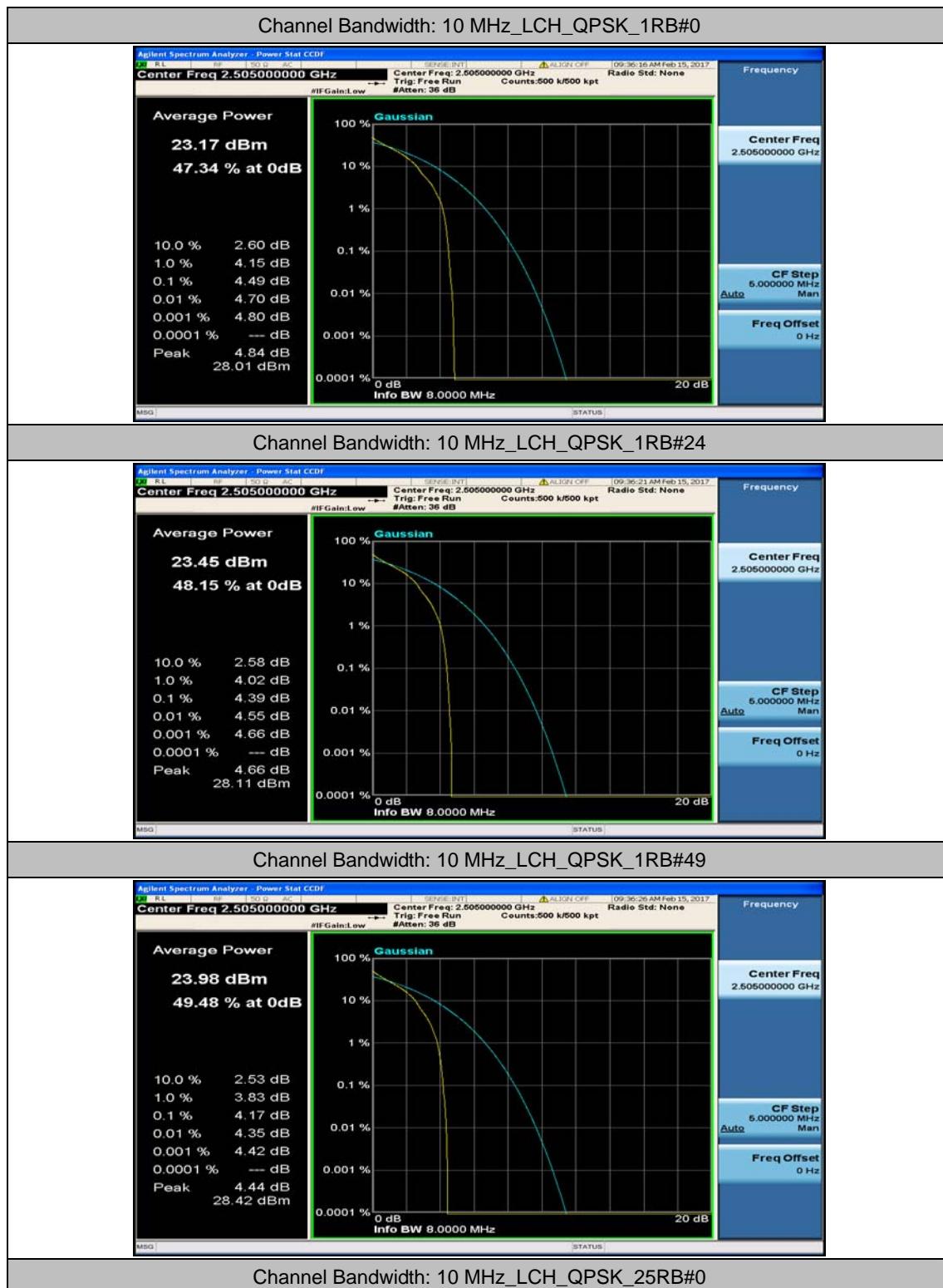


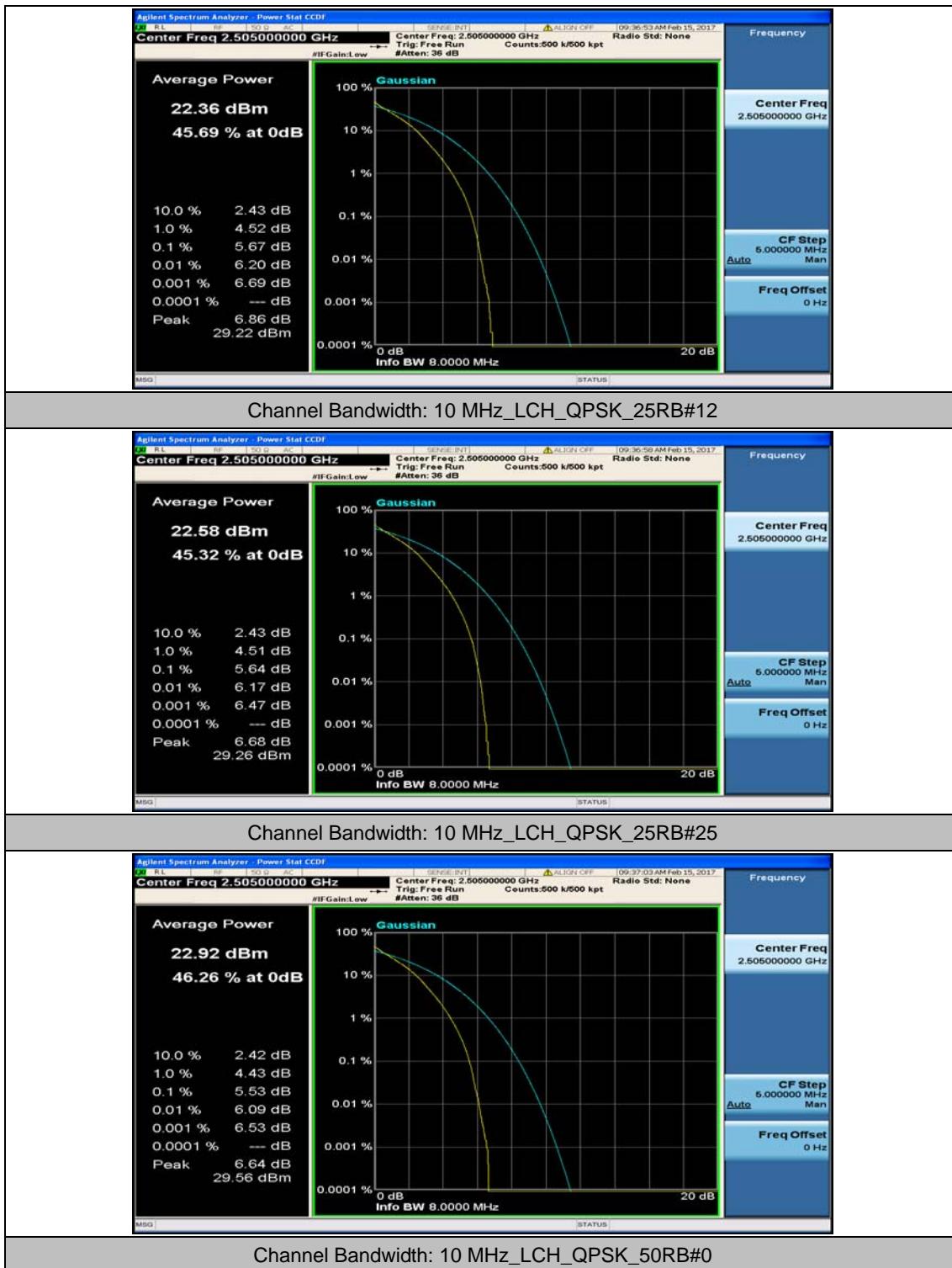


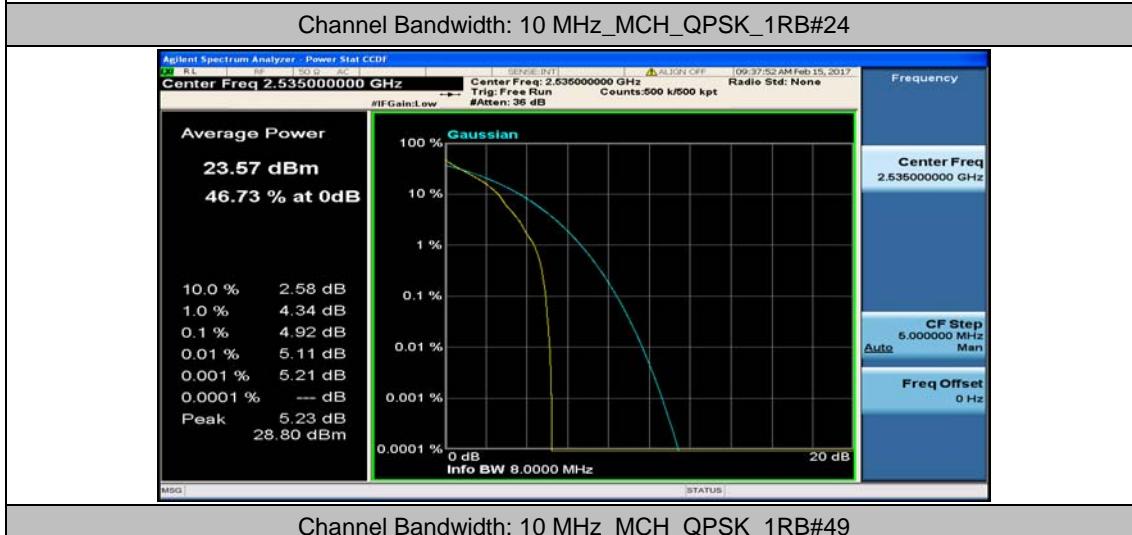
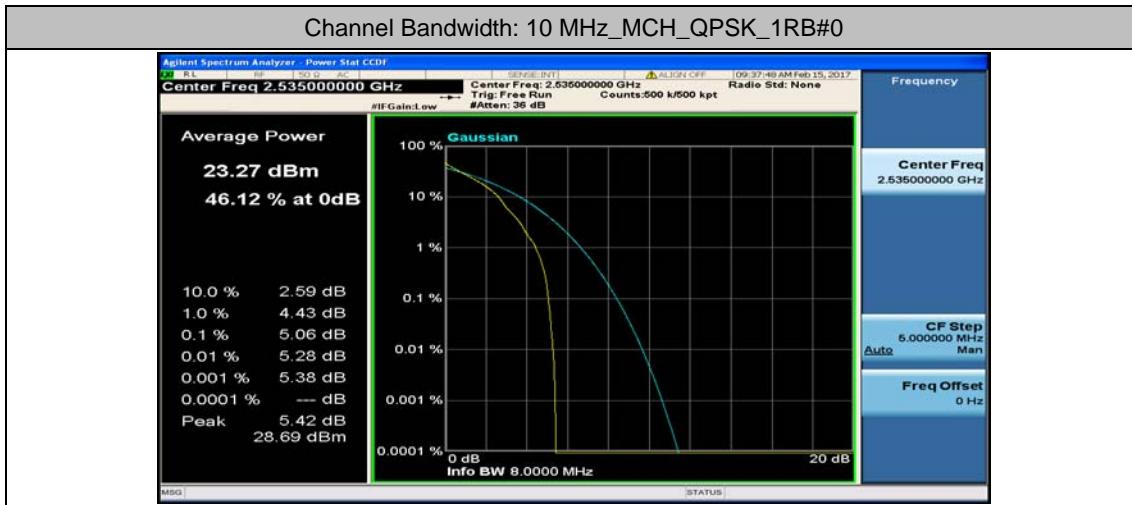




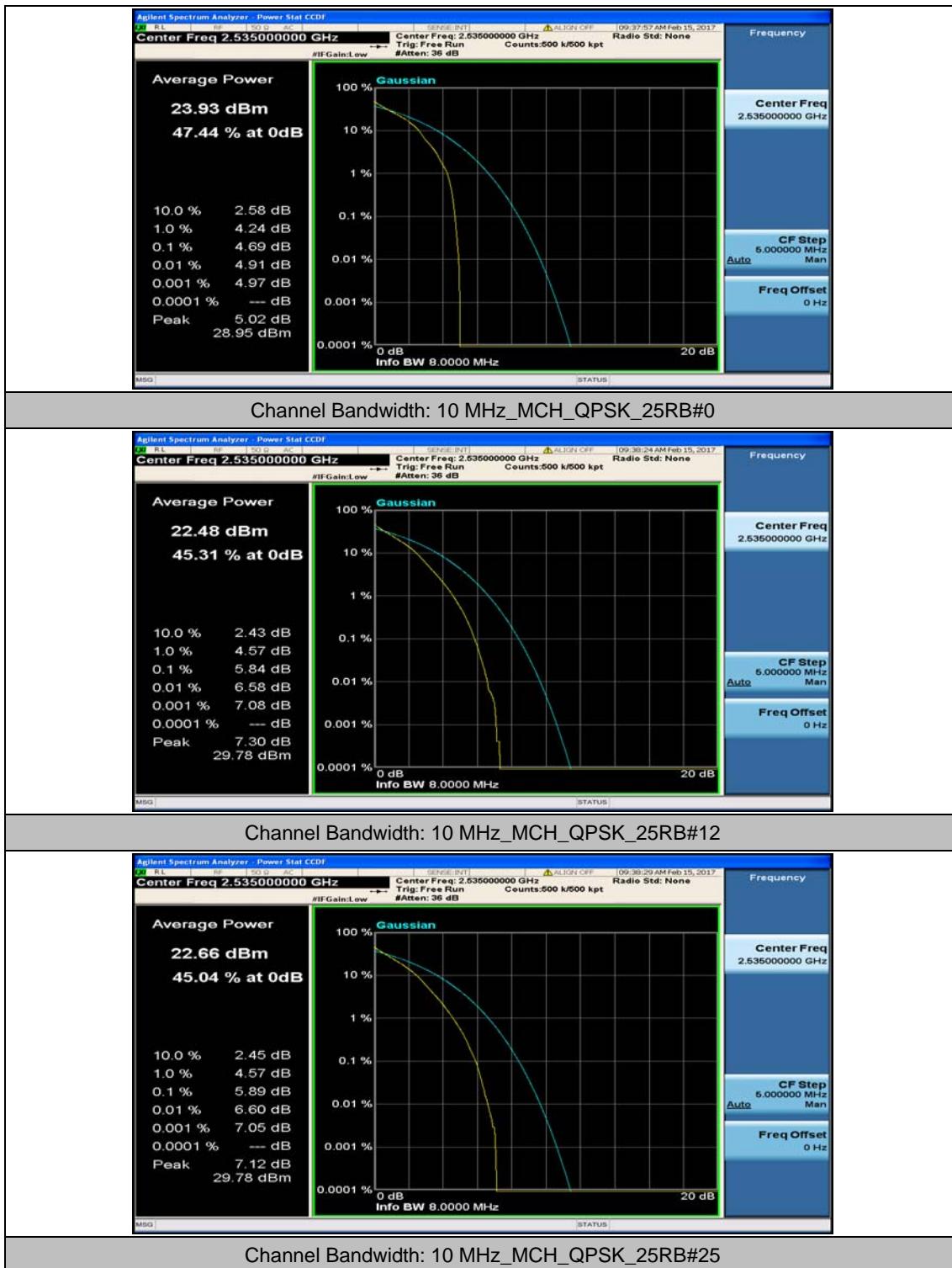
## Channel Bandwidth: 10 MHz

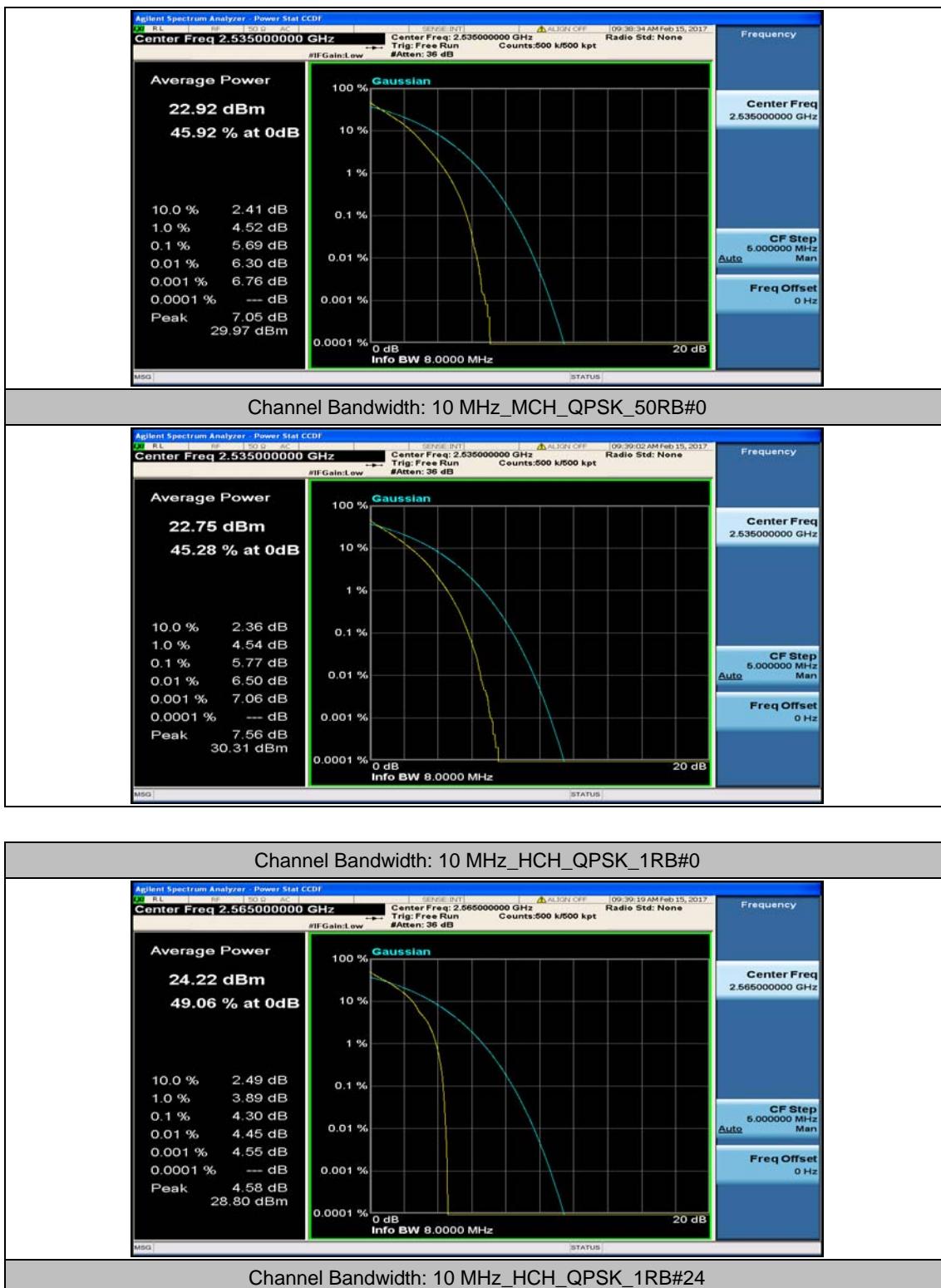


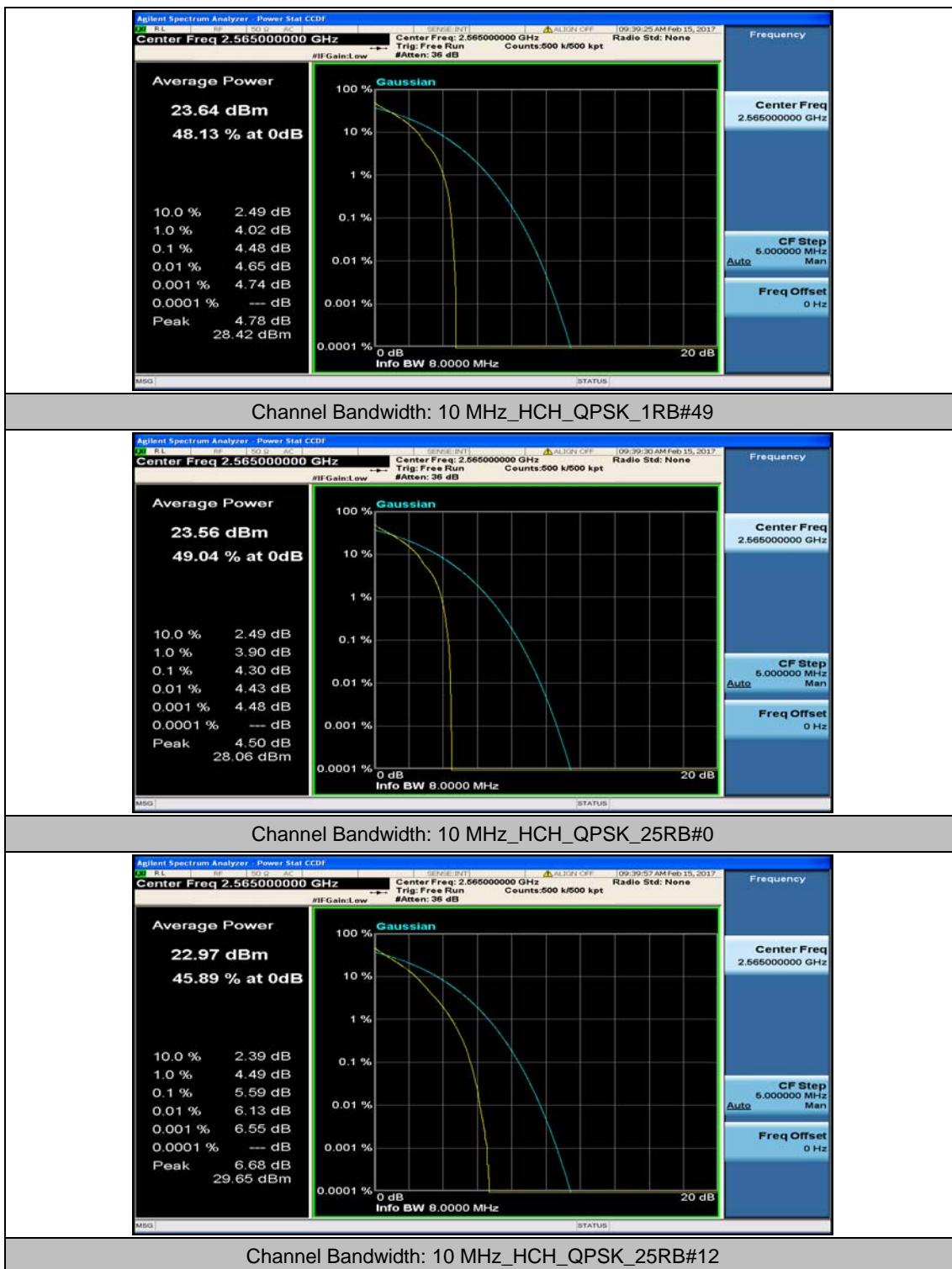


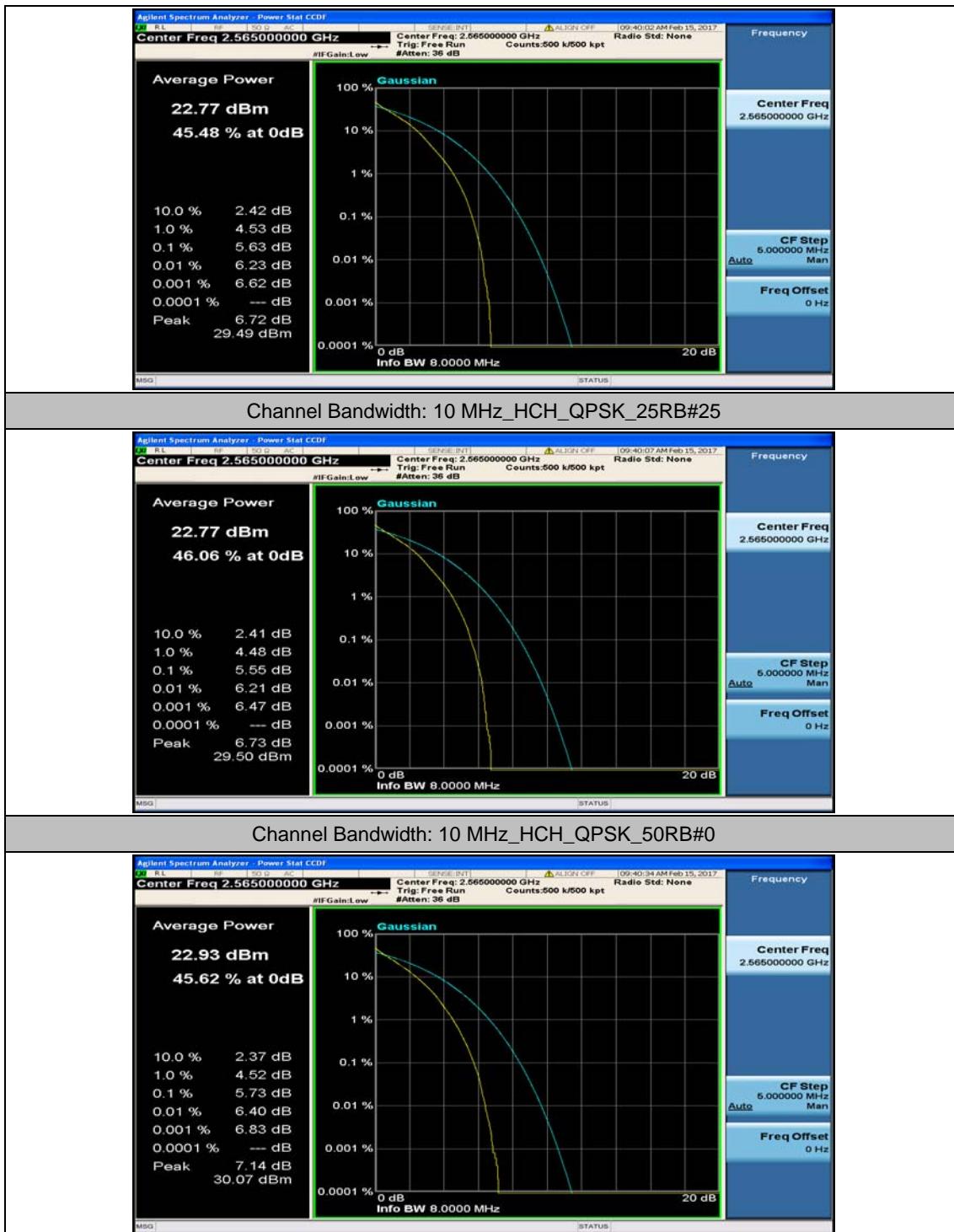


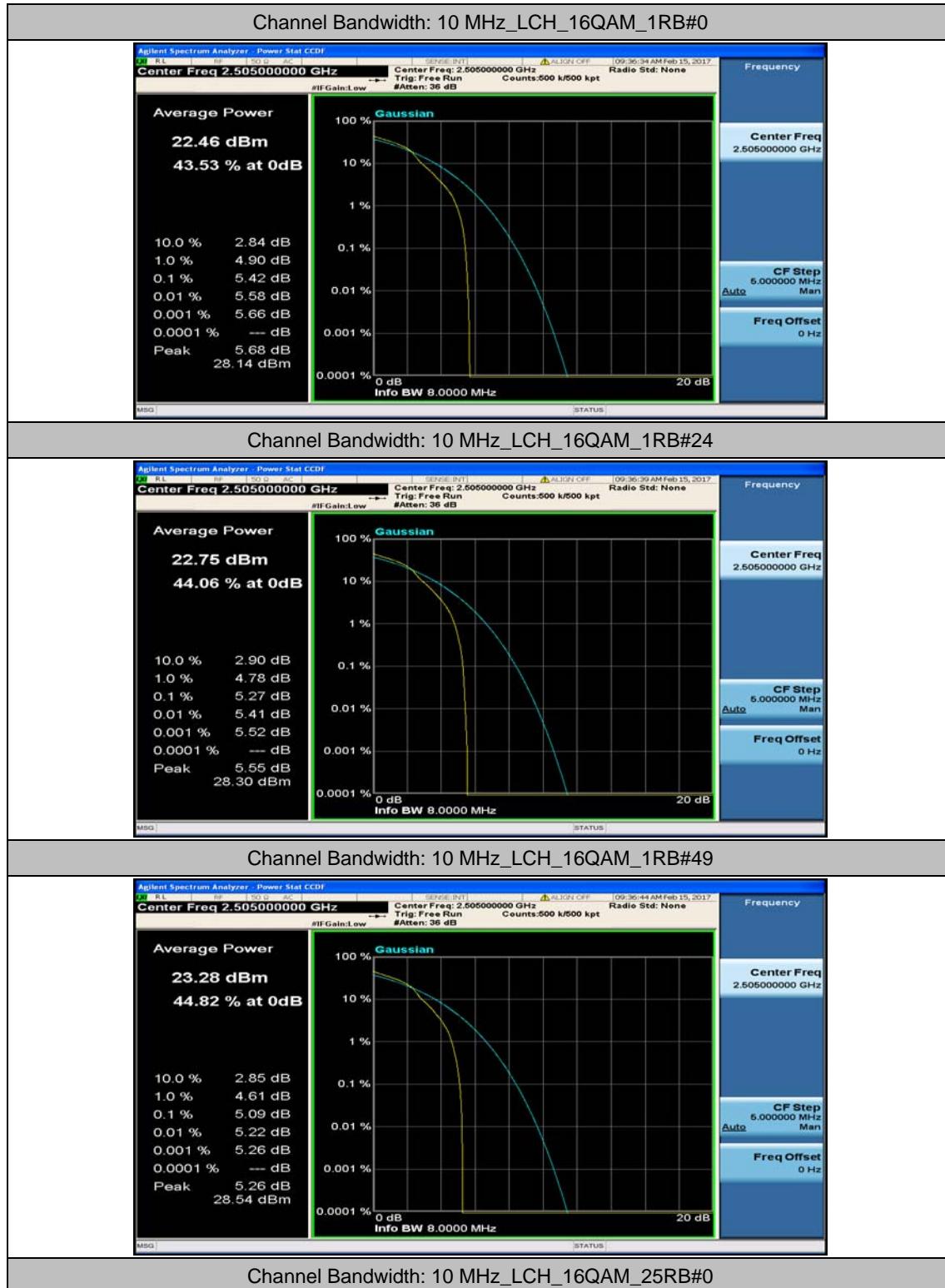
**Channel Bandwidth: 10 MHz\_MCH\_QPSK\_1RB#49**

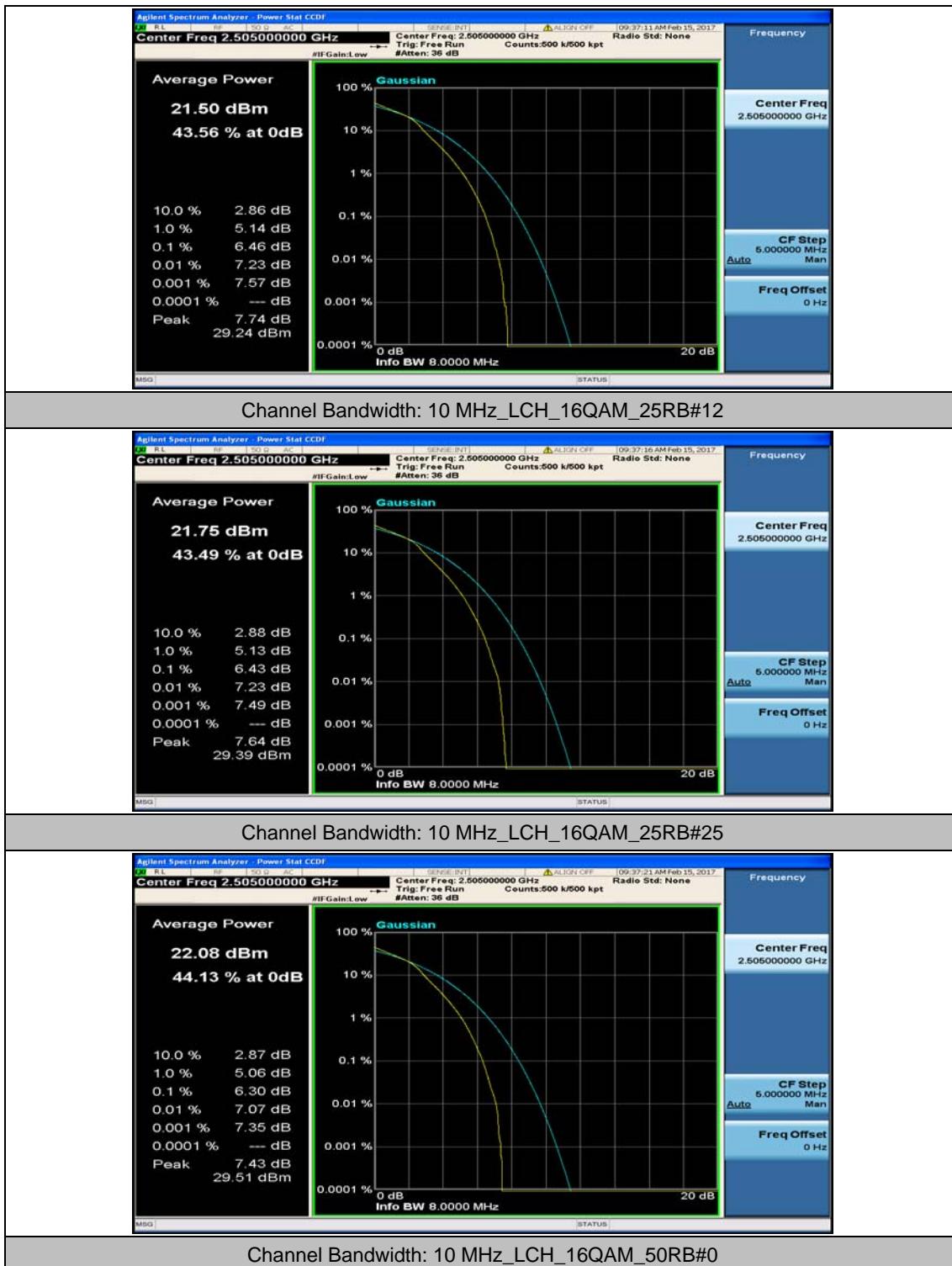


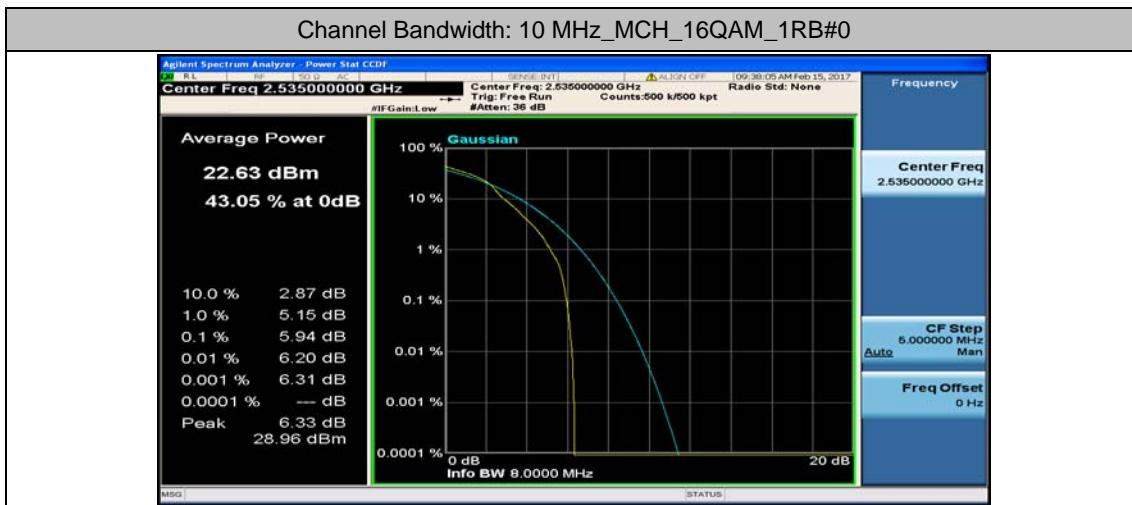
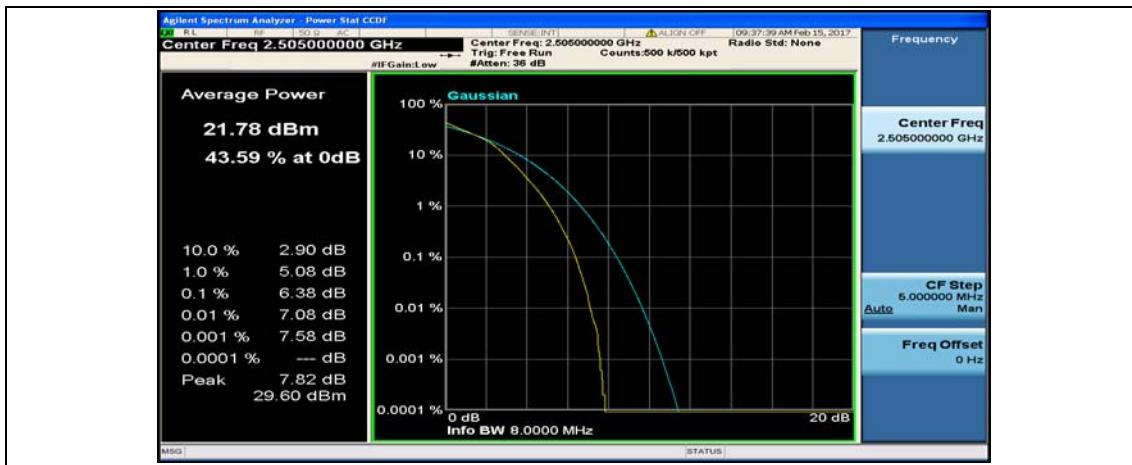




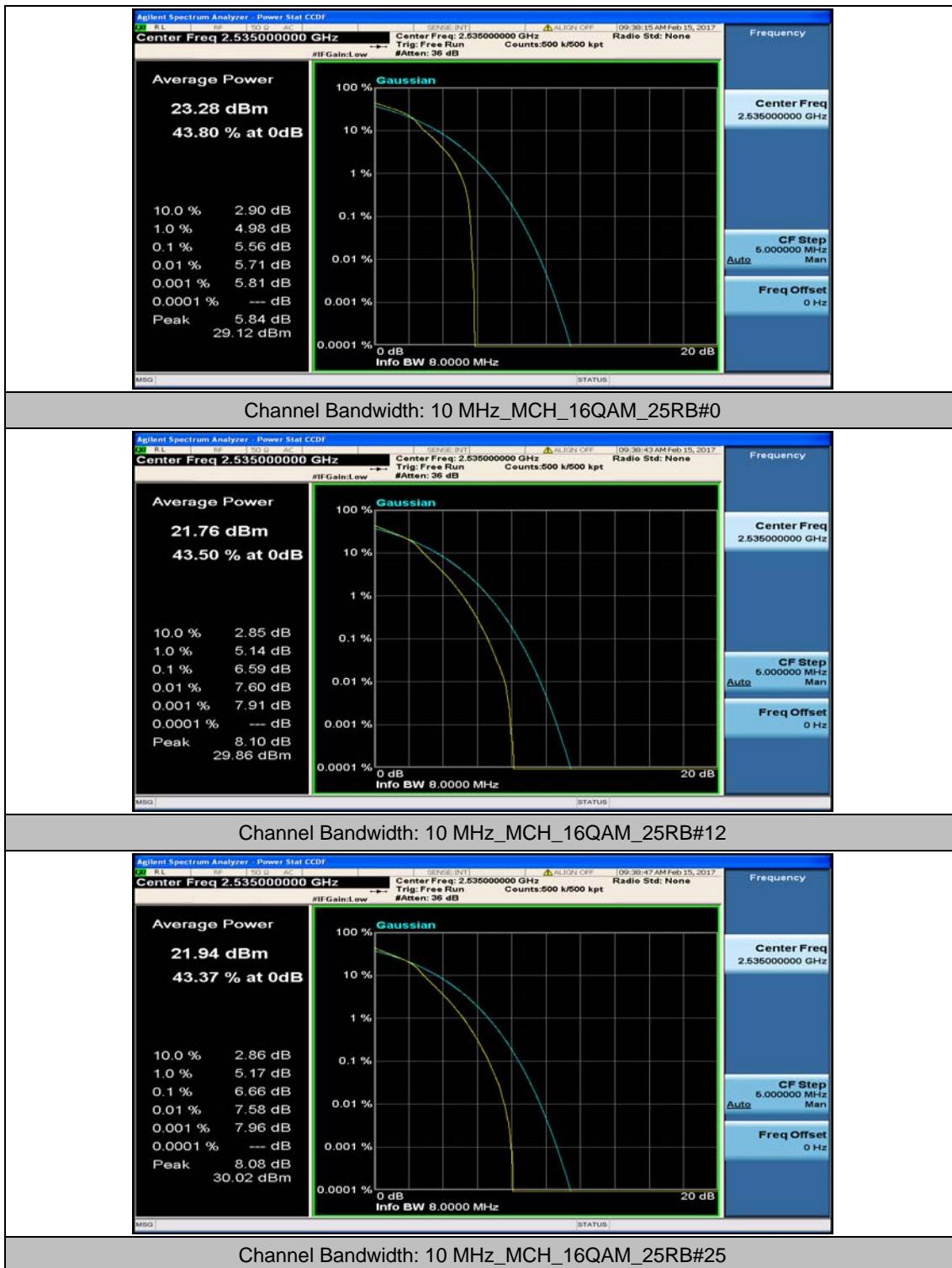


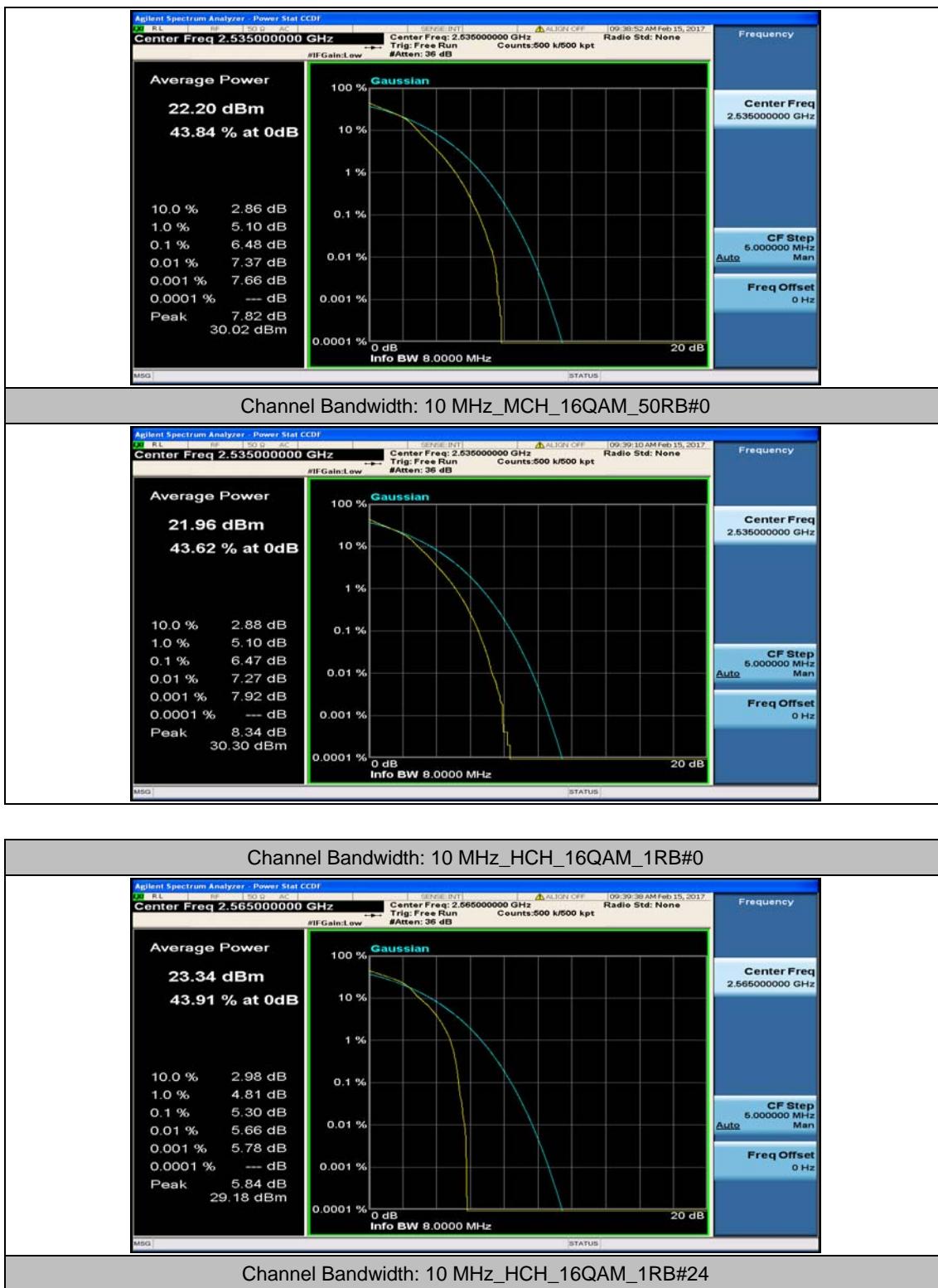


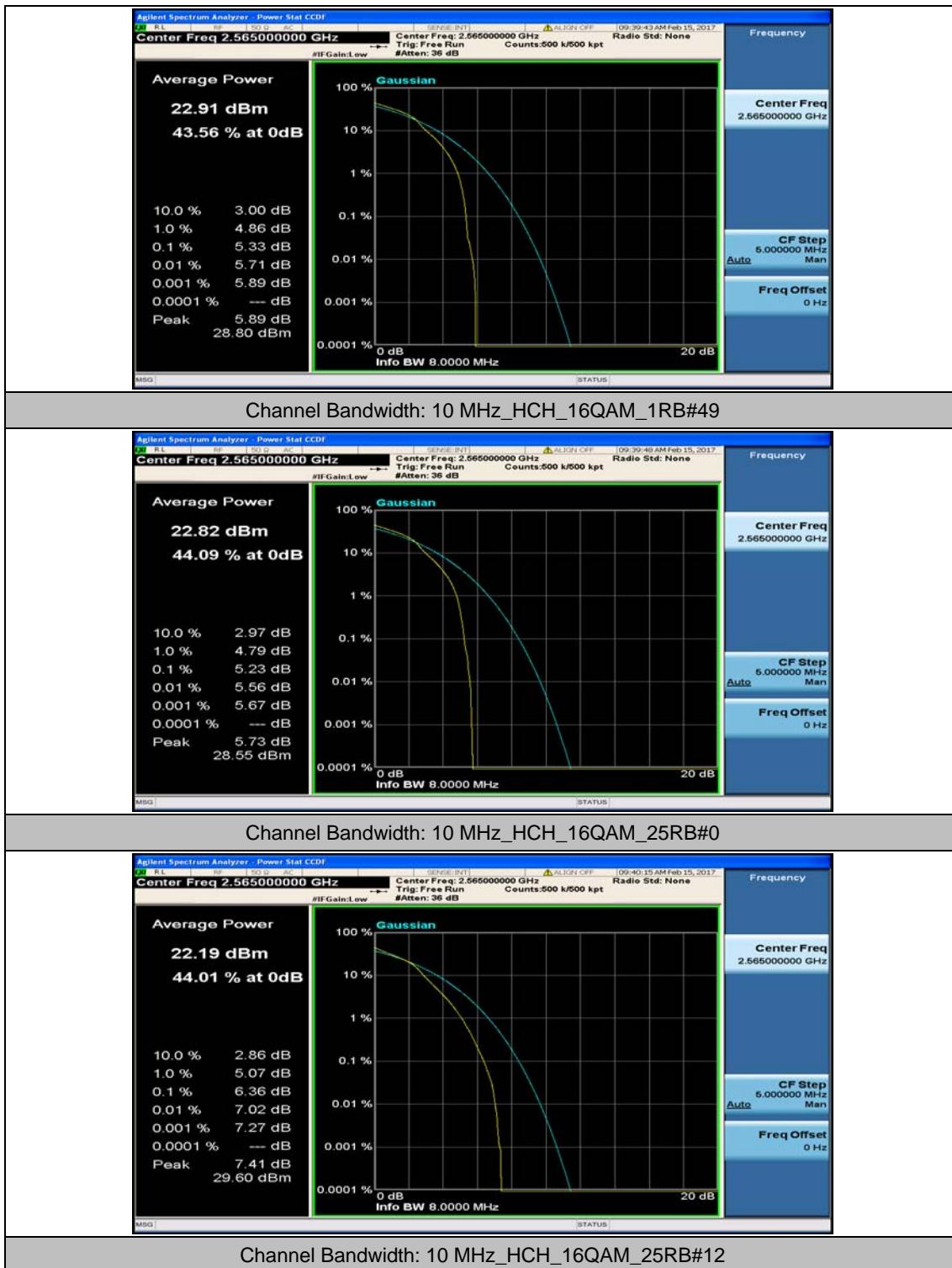


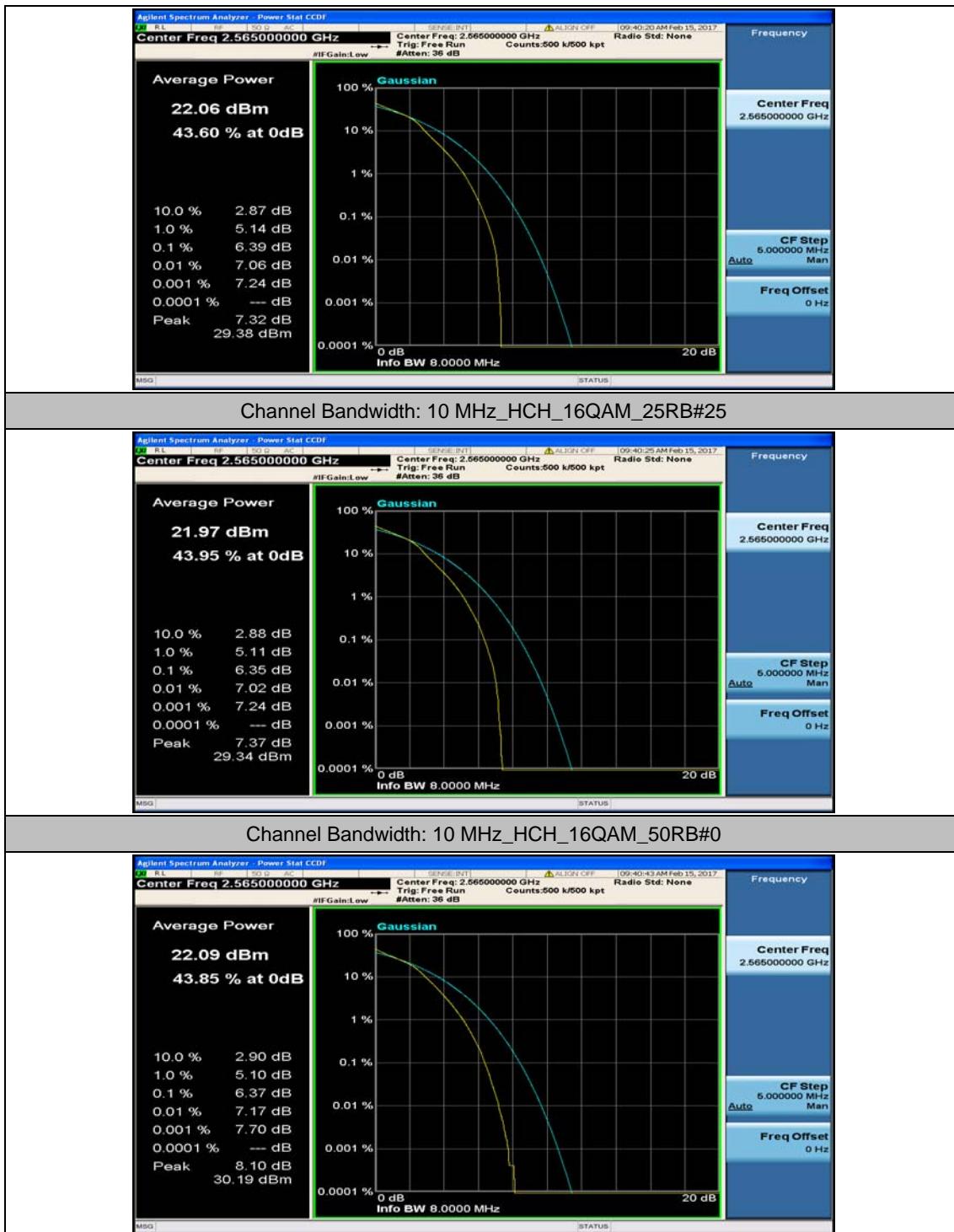


**Channel Bandwidth: 10 MHz\_MCH\_16QAM\_1RB#49**

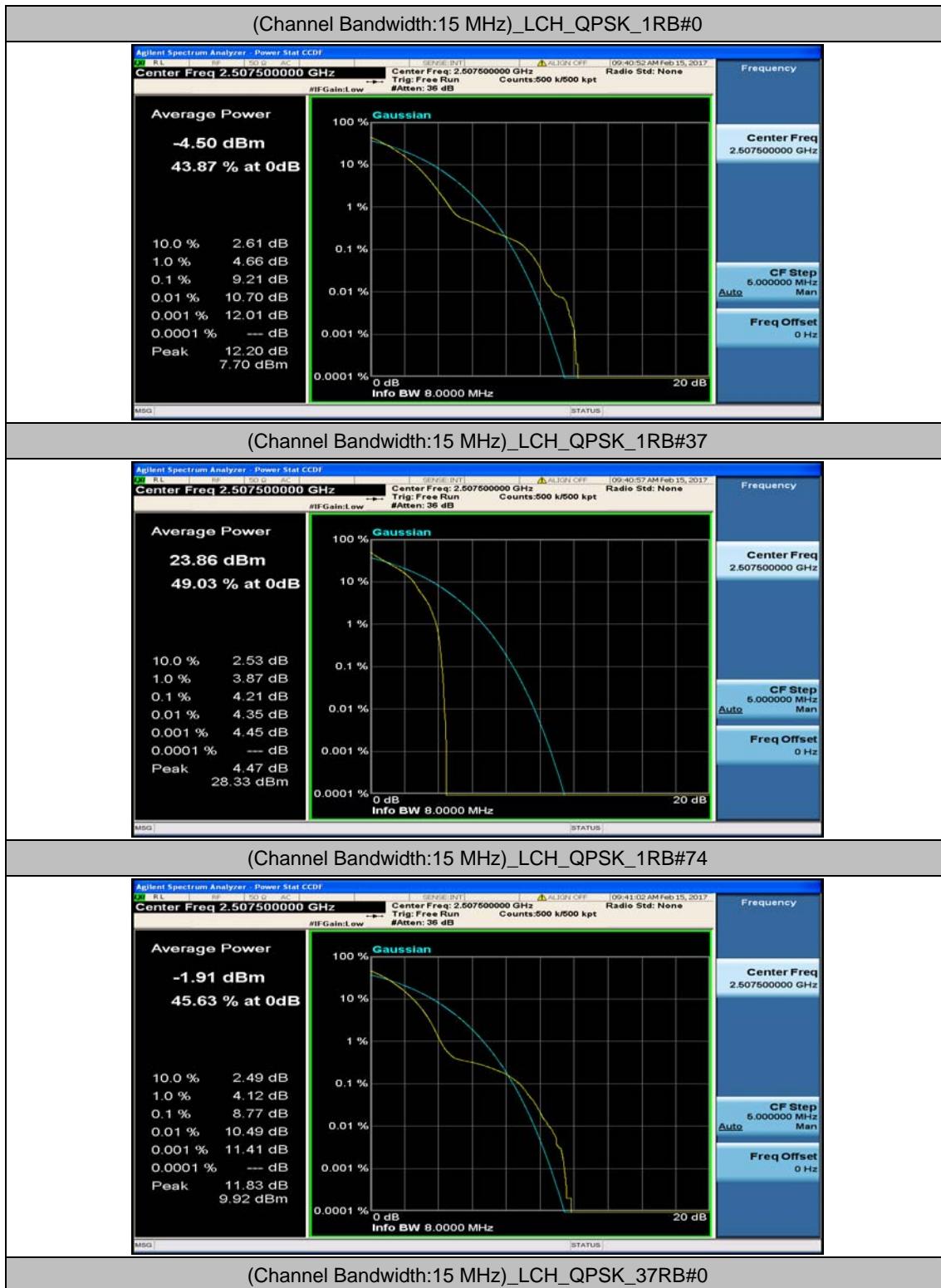


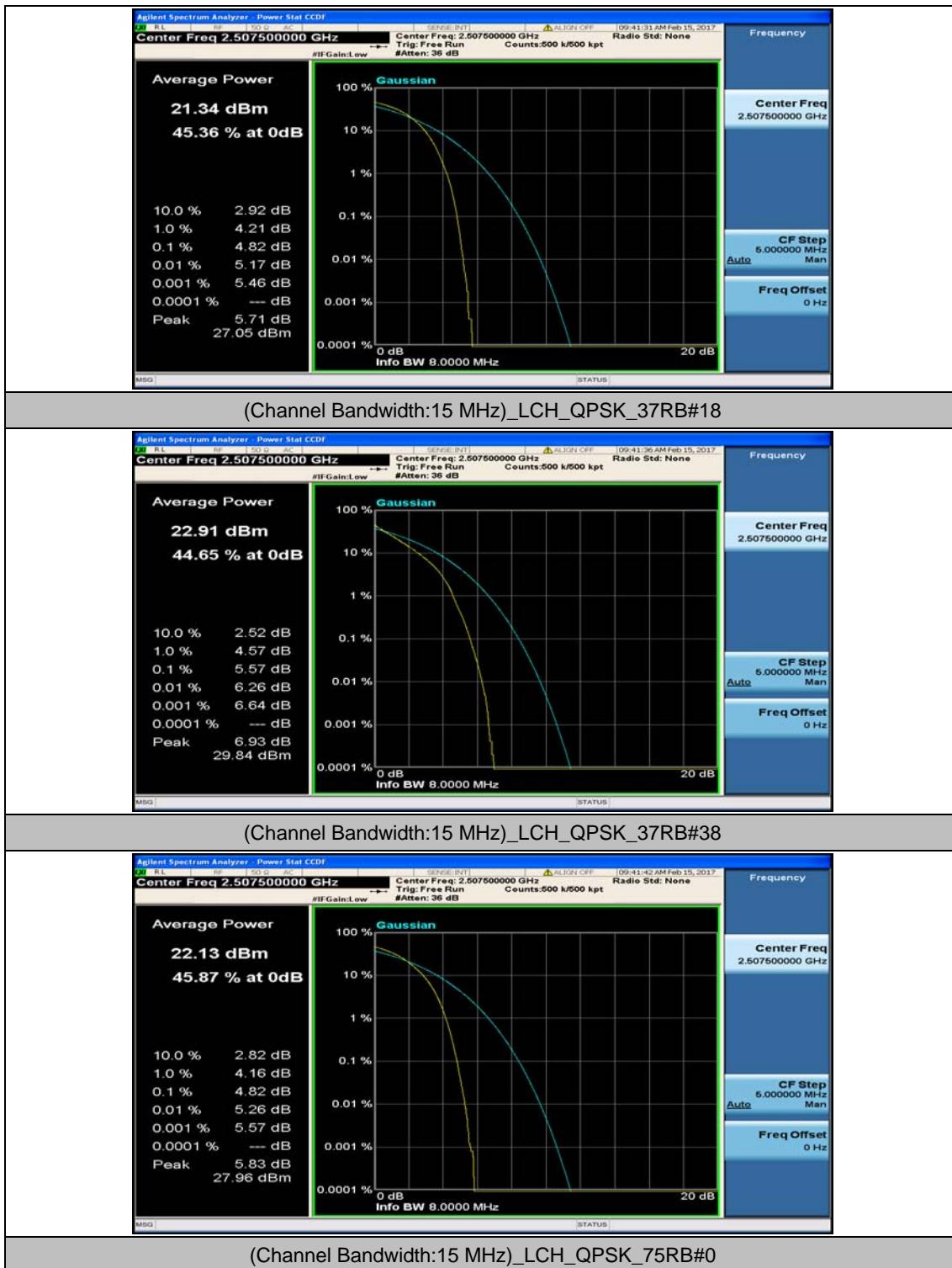


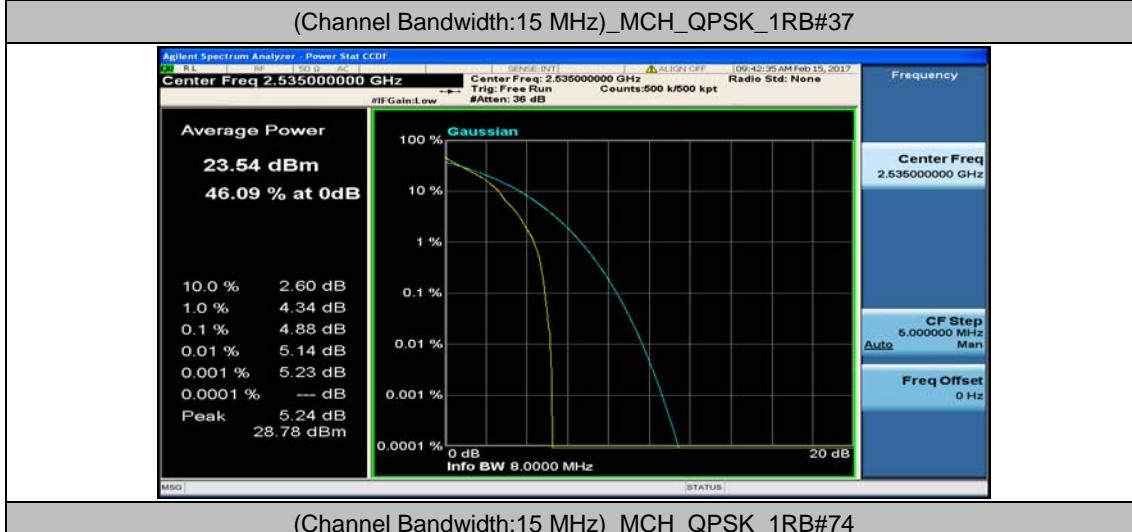
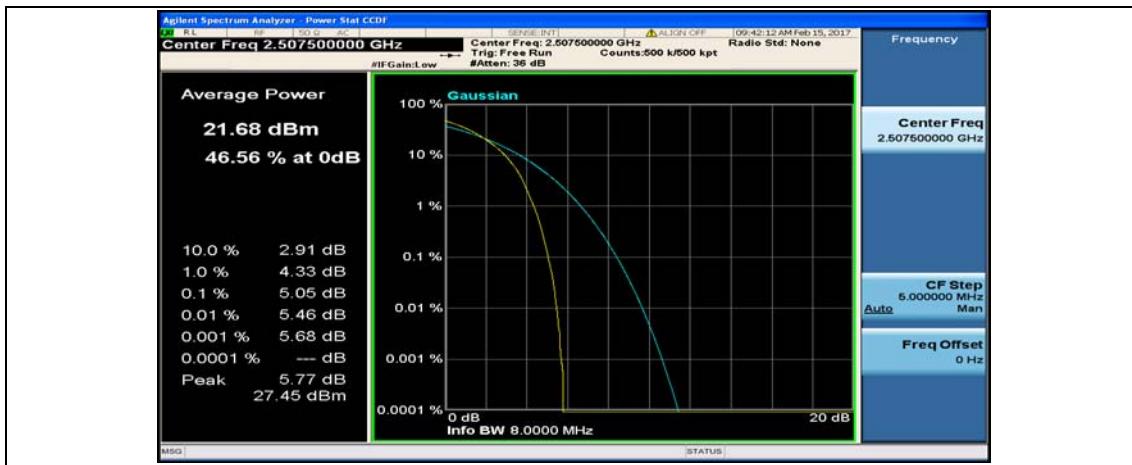




## Channel Bandwidth: 15 MHz







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

