

## 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	22.4	PASS
		1	12	22.61	PASS
		1	24	22.35	PASS
		12	0	21.64	PASS
		12	6	21.48	PASS
		12	13	21.55	PASS
		25	0	21.64	PASS
	MCH	1	0	22.95	PASS
		1	12	22.02	PASS
		1	24	22.65	PASS
		12	0	22.79	PASS
		12	6	22.94	PASS
		12	13	22.01	PASS
		25	0	22.17	PASS
16QAM	HCH	1	0	22.61	PASS
		1	12	22.32	PASS
		1	24	22.55	PASS
		12	0	22.05	PASS
		12	6	22.42	PASS
		12	13	21.95	PASS
		25	0	21.49	PASS
	LCH	1	0	21.43	PASS
		1	12	21.68	PASS
		1	24	21.1	PASS
		12	0	21.86	PASS
		12	6	21.67	PASS
		12	13	21.76	PASS
		25	0	21.68	PASS
	MCH	1	0	21.1	PASS
		1	12	21.41	PASS
		1	24	21.62	PASS
		12	0	21.69	PASS

		12	6	21.74	PASS
		12	13	21.62	PASS
		25	0	21.47	PASS
HCH	HCH	1	0	21.27	PASS
		1	12	21.38	PASS
		1	24	21.69	PASS
		12	0	21.99	PASS
		12	6	21.36	PASS
		12	13	21.94	PASS
		25	0	21.5	PASS

### Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.19	PASS
		1	24	22.57	PASS
		1	49	22.32	PASS
		25	0	22.18	PASS
		25	12	22.19	PASS
		25	25	22.16	PASS
		50	0	21.27	PASS
	MCH	1	0	22.38	PASS
		1	24	22.08	PASS
		1	49	22.55	PASS
		25	0	22.14	PASS
		25	12	22.45	PASS
		25	25	22.49	PASS
		50	0	22.17	PASS
	HCH	1	0	22.58	PASS
		1	24	22.30	PASS
		1	49	22.60	PASS
		25	0	21.56	PASS
		25	12	21.26	PASS
		25	25	21.56	PASS
		50	0	21.44	PASS
16QAM	LCH	1	0	21.47	PASS
		1	24	21.33	PASS
		1	49	21.08	PASS
		25	0	21.89	PASS
		25	12	21.51	PASS
		25	25	21.33	PASS
		50	0	21.43	PASS

MCH	MCH	1	0	21.80	PASS
		1	24	21.55	PASS
		1	49	22.65	PASS
		25	0	21.36	PASS
		25	12	21.74	PASS
		25	25	21.04	PASS
		50	0	21.29	PASS
	HCH	1	0	21.32	PASS
		1	24	21.58	PASS
		1	49	21.64	PASS
		25	0	21.75	PASS
		25	12	21.45	PASS
		25	25	21.37	PASS
		50	0	21.61	PASS

### Channel Bandwidth: 15 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.65	PASS
		1	37	22.47	PASS
		1	74	22.69	PASS
		37	0	22.14	PASS
		37	18	22.11	PASS
		37	38	22.11	PASS
		75	0	22.29	PASS
	MCH	1	0	22.65	PASS
		1	37	22.89	PASS
		1	74	22.99	PASS
		37	0	22.32	PASS
		37	18	22.93	PASS
		37	38	22.78	PASS
		75	0	22.65	PASS
	HCH	1	0	22.17	PASS
		1	37	22.50	PASS
		1	74	22.50	PASS
		37	0	22.65	PASS
		37	18	22.45	PASS
		37	38	22.66	PASS
		75	0	22.84	PASS
16QAM	LCH	1	0	22.60	PASS
		1	37	22.15	PASS
		1	74	22.18	PASS

		37	0	21.98	PASS
		37	18	21.25	PASS
		37	38	21.22	PASS
		75	0	21.39	PASS
MCH	MCH	1	0	21.47	PASS
		1	37	21.30	PASS
		1	74	21.69	PASS
		37	0	21.67	PASS
		37	18	21.62	PASS
		37	38	21.67	PASS
		75	0	21.74	PASS
HCH	HCH	1	0	21.97	PASS
		1	37	21.71	PASS
		1	74	21.32	PASS
		37	0	21.15	PASS
		37	18	21.67	PASS
		37	38	21.83	PASS
		75	0	21.03	PASS

## Channel Bandwidth: 20 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.65	PASS
		1	49	22.95	PASS
		1	99	22.43	PASS
		50	0	22.2	PASS
		50	25	21.54	PASS
		50	50	21.98	PASS
		100	0	21.69	PASS
	MCH	1	0	23.76	PASS
		1	49	23.41	PASS
		1	99	22.69	PASS
		50	0	22.31	PASS
		50	25	21.94	PASS
		50	50	21.97	PASS
		100	0	21.97	PASS
	HCH	1	0	23.85	PASS
		1	49	22.91	PASS
		1	99	22.95	PASS
		50	0	22.72	PASS
		50	25	22.34	PASS
		50	50	22.47	PASS

		100	0	22.62	PASS
16QAM	LCH	1	0	22.58	PASS
		1	49	22.15	PASS
		1	99	21.65	PASS
		50	0	21.39	PASS
		50	25	21.74	PASS
		50	50	21.02	PASS
		100	0	21.33	PASS
	MCH	1	0	21.53	PASS
		1	49	21.59	PASS
		1	99	21.82	PASS
		50	0	21.73	PASS
		50	25	21.25	PASS
		50	50	21.18	PASS
		100	0	21.42	PASS
	HCH	1	0	21.26	PASS
		1	49	21.45	PASS
		1	99	21.25	PASS
		50	0	21.55	PASS
		50	25	21.49	PASS
		50	50	21.52	PASS
		100	0	21.99	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	2.92	<13	PASS
		1	12	3.53	<13	PASS
		1	24	3.20	<13	PASS
		12	0	4.38	<13	PASS
		12	6	4.47	<13	PASS
		12	13	4.47	<13	PASS
		25	0	4.47	<13	PASS
	MCH	1	0	4.07	<13	PASS
		1	12	4.40	<13	PASS
		1	24	4.06	<13	PASS
		12	0	5.35	<13	PASS
		12	6	5.42	<13	PASS
		12	13	5.38	<13	PASS
		25	0	5.47	<13	PASS
16QAM	LCH	1	0	3.25	<13	PASS
		1	12	3.67	<13	PASS
		1	24	2.92	<13	PASS
		12	0	4.63	<13	PASS
		12	6	4.66	<13	PASS
		12	13	4.38	<13	PASS
		25	0	4.58	<13	PASS
	MCH	1	0	3.66	<13	PASS
		1	12	4.37	<13	PASS
		1	24	4.04	<13	PASS
		12	0	5.06	<13	PASS
		12	6	5.20	<13	PASS
		12	13	5.19	<13	PASS
		25	0	5.29	<13	PASS

		12	6	6.06	<13	PASS
		12	13	6.02	<13	PASS
		25	0	6.18	<13	PASS
HCH		1	0	4.21	<13	PASS
		1	12	4.47	<13	PASS
		1	24	3.78	<13	PASS
		12	0	5.49	<13	PASS
		12	6	5.38	<13	PASS
		12	13	5.22	<13	PASS
		25	0	5.41	<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	3.31	<13	PASS
		1	24	3.44	<13	PASS
		1	49	3.37	<13	PASS
		25	0	4.50	<13	PASS
		25	12	4.54	<13	PASS
		25	25	4.41	<13	PASS
		50	0	4.46	<13	PASS
	MCH	1	0	4.21	<13	PASS
		1	24	4.35	<13	PASS
		1	49	4.27	<13	PASS
		25	0	5.44	<13	PASS
		25	12	5.50	<13	PASS
		25	25	5.36	<13	PASS
		50	0	5.49	<13	PASS
	HCH	1	0	3.75	<13	PASS
		1	24	3.66	<13	PASS
		1	49	3.37	<13	PASS
		25	0	4.78	<13	PASS
		25	12	4.78	<13	PASS
		25	25	4.56	<13	PASS
		50	0	4.77	<13	PASS
16QAM	LCH	1	0	4.17	<13	PASS
		1	24	4.35	<13	PASS
		1	49	4.17	<13	PASS
		25	0	5.27	<13	PASS
		25	12	5.31	<13	PASS

		25	25	5.26	<13	PASS
		50	0	5.31	<13	PASS
MCH	1	0	5.19	<13	PASS	
	1	24	5.21	<13	PASS	
	1	49	5.21	<13	PASS	
	25	0	6.21	<13	PASS	
	25	12	6.22	<13	PASS	
	25	25	6.15	<13	PASS	
	50	0	6.19	<13	PASS	
	1	0	4.65	<13	PASS	
HCH	1	24	4.54	<13	PASS	
	1	49	4.27	<13	PASS	
	25	0	5.61	<13	PASS	
	25	12	5.54	<13	PASS	
	25	25	5.48	<13	PASS	
	50	0	5.51	<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	3.13	<13	PASS
		1	37	3.45	<13	PASS
		1	74	3.08	<13	PASS
		37	0	4.47	<13	PASS
		37	18	4.40	<13	PASS
		37	38	4.21	<13	PASS
		75	0	4.68	<13	PASS
	MCH	1	0	4.02	<13	PASS
		1	37	4.58	<13	PASS
		1	74	3.81	<13	PASS
		37	0	5.35	<13	PASS
		37	18	5.46	<13	PASS
		37	38	5.31	<13	PASS
		75	0	5.70	<13	PASS
	HCH	1	0	3.40	<13	PASS
		1	37	3.82	<13	PASS
		1	74	3.16	<13	PASS
		37	0	4.73	<13	PASS
		37	18	4.84	<13	PASS
		37	38	4.79	<13	PASS

		75	0	5.10	<13	PASS
16QAM	LCH	1	0	4.14	<13	PASS
		1	37	4.14	<13	PASS
		1	74	4.06	<13	PASS
		37	0	5.27	<13	PASS
		37	18	5.26	<13	PASS
		37	38	5.16	<13	PASS
		75	0	5.49	<13	PASS
	MCH	1	0	4.80	<13	PASS
		1	37	5.38	<13	PASS
		1	74	4.73	<13	PASS
		37	0	6.14	<13	PASS
		37	18	6.21	<13	PASS
		37	38	6.10	<13	PASS
		75	0	6.23	<13	PASS
	HCH	1	0	4.19	<13	PASS
		1	37	4.64	<13	PASS
		1	74	4.00	<13	PASS
		37	0	5.46	<13	PASS
		37	18	5.53	<13	PASS
		37	38	5.45	<13	PASS
		75	0	5.69	<13	PASS

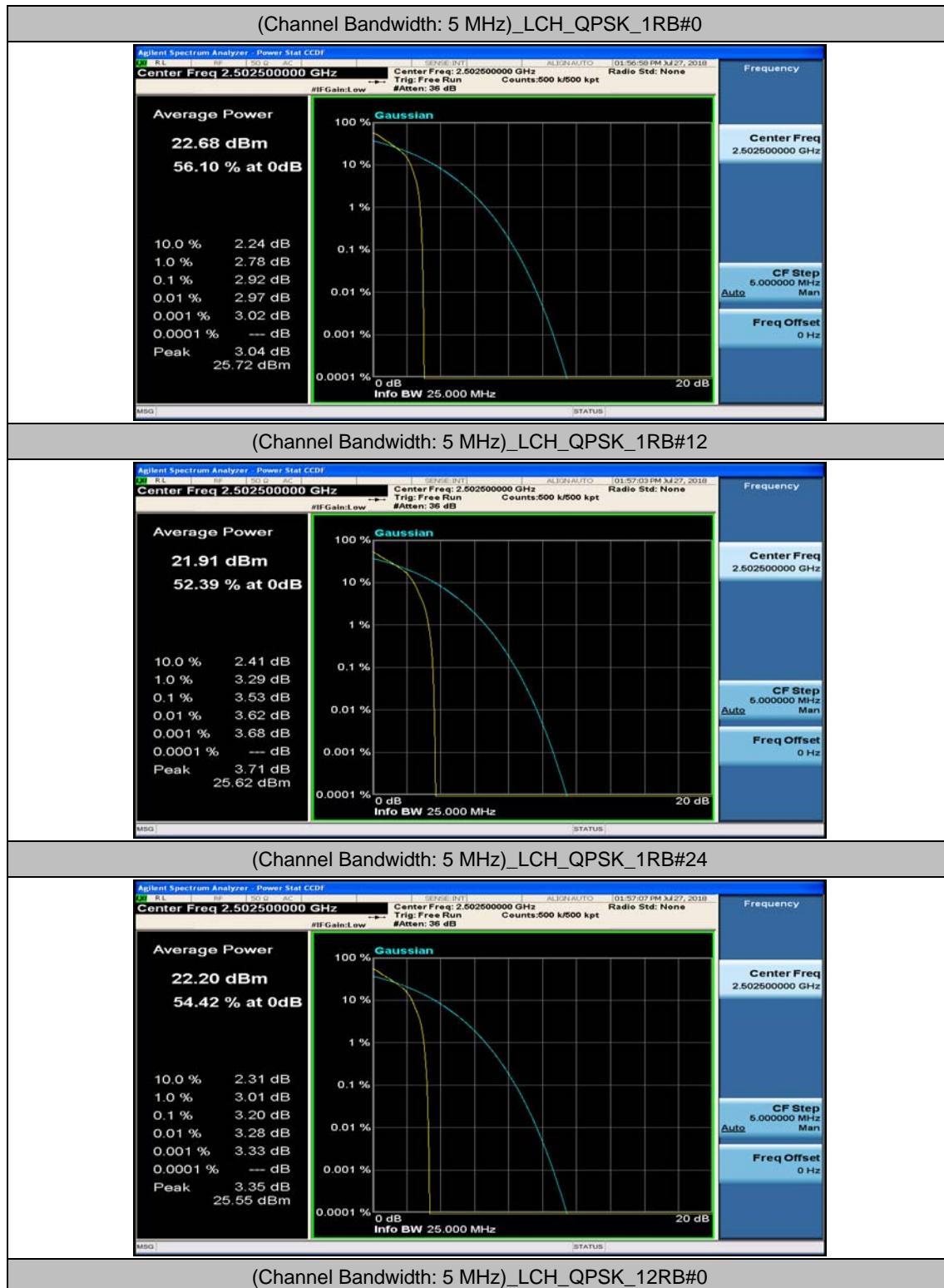
### Channel Bandwidth: 20 MHz

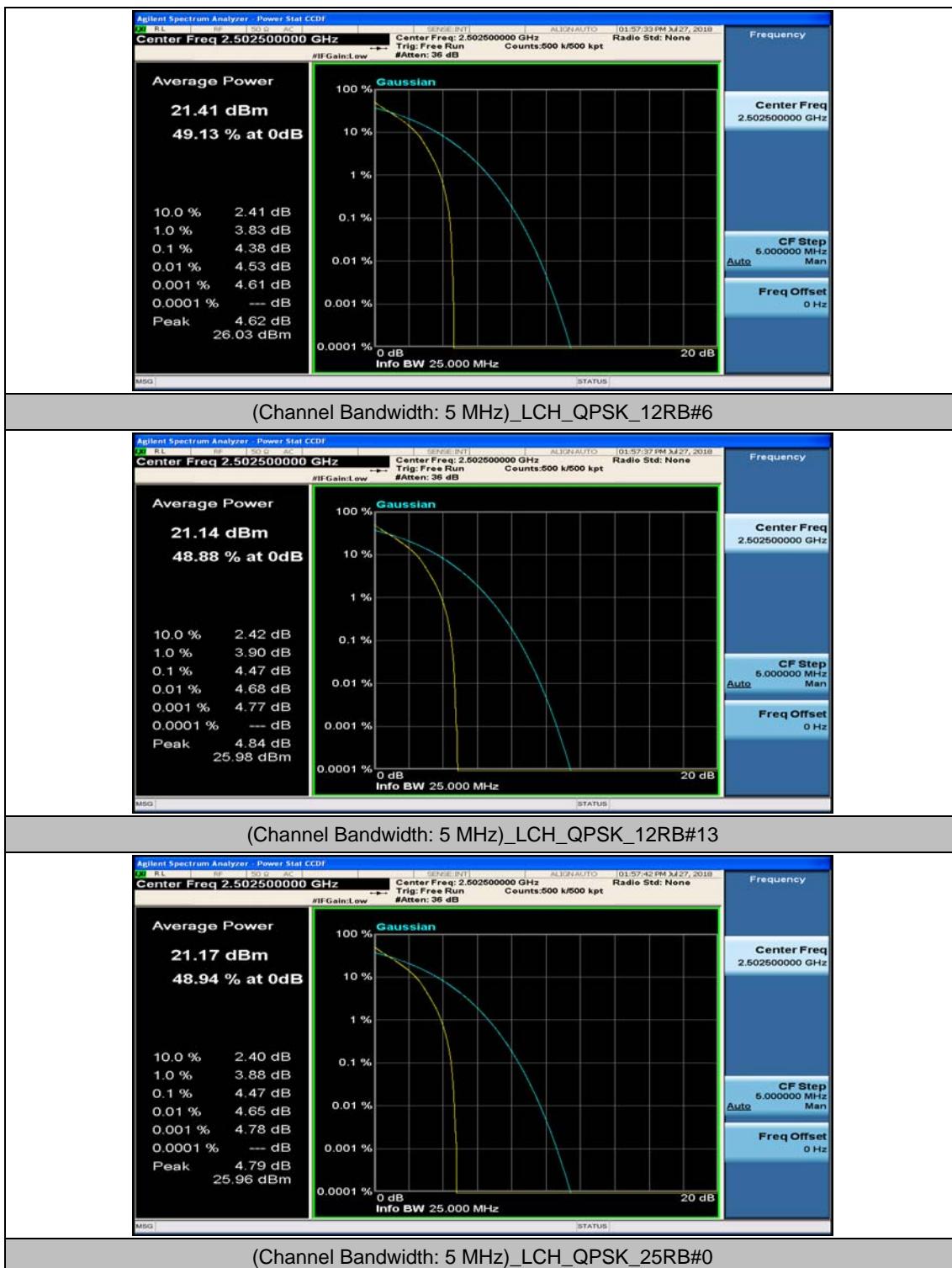
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.08	<13	PASS
		1	49	3.21	<13	PASS
		1	99	3.23	<13	PASS
		50	0	4.52	<13	PASS
		50	25	4.34	<13	PASS
		50	50	4.38	<13	PASS
		100	0	4.89	<13	PASS
	MCH	1	0	3.64	<13	PASS
		1	49	4.39	<13	PASS
		1	99	3.41	<13	PASS
		50	0	5.32	<13	PASS
		50	25	5.48	<13	PASS
		50	50	5.24	<13	PASS
		100	0	5.51	<13	PASS

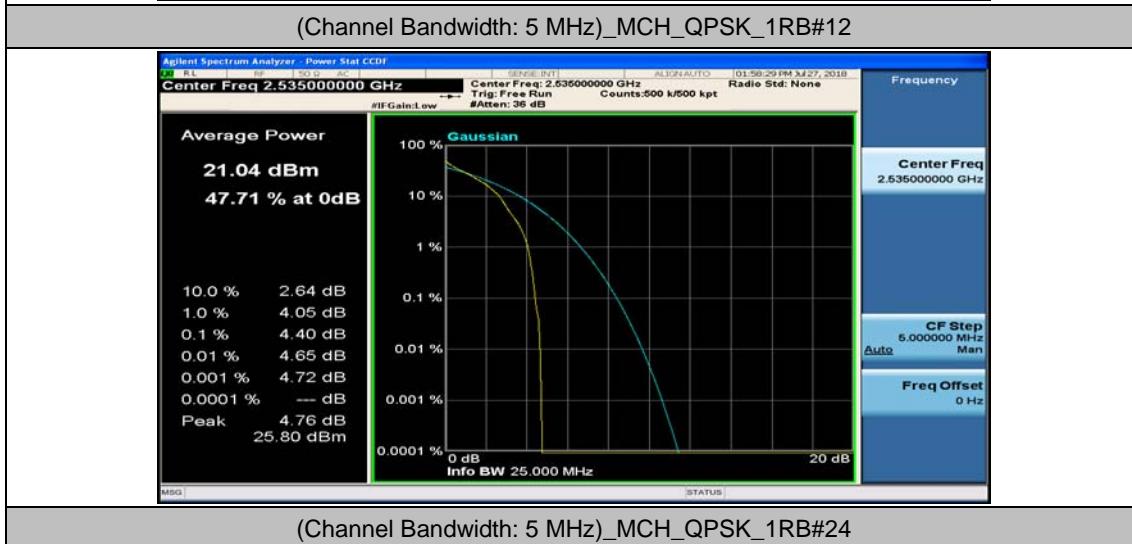
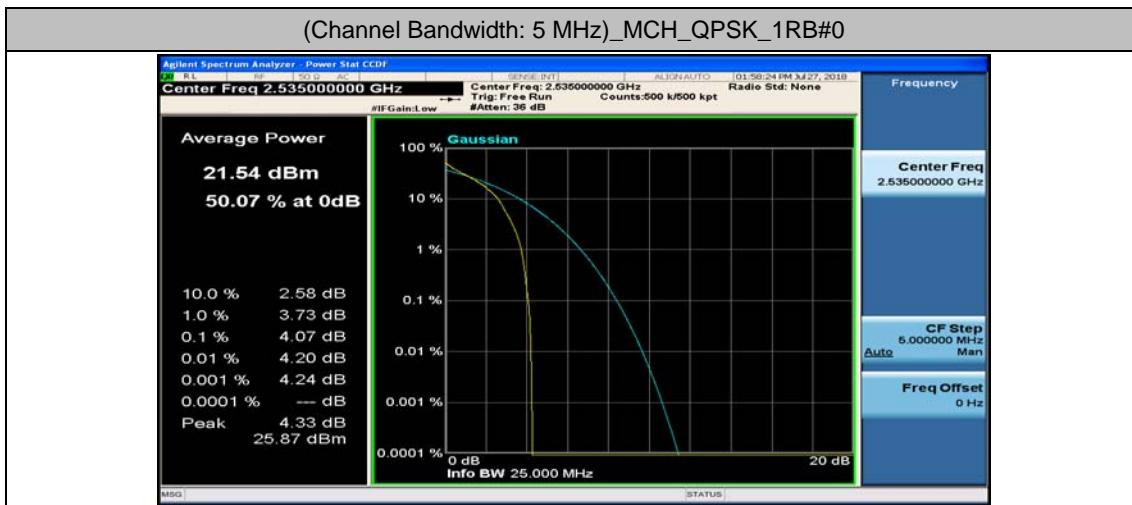
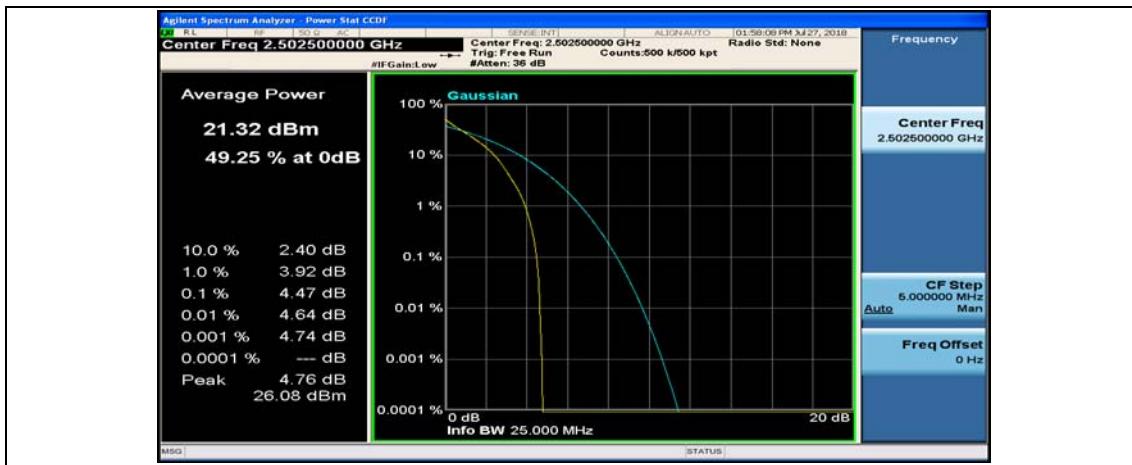
		1	0	2.83	<13	PASS
		1	49	3.81	<13	PASS
		1	99	3.15	<13	PASS
	HCH	50	0	4.42	<13	PASS
		50	25	4.77	<13	PASS
		50	50	4.88	<13	PASS
		100	0	4.97	<13	PASS
16QAM	LCH	1	0	3.92	<13	PASS
		1	49	3.89	<13	PASS
		1	99	3.95	<13	PASS
		50	0	5.37	<13	PASS
		50	25	5.26	<13	PASS
		50	50	5.23	<13	PASS
		100	0	5.60	<13	PASS
	MCH	1	0	4.48	<13	PASS
		1	49	5.13	<13	PASS
		1	99	4.29	<13	PASS
		50	0	6.06	<13	PASS
		50	25	6.16	<13	PASS
		50	50	5.95	<13	PASS
		100	0	6.19	<13	PASS
	HCH	1	0	3.67	<13	PASS
		1	49	4.52	<13	PASS
		1	99	3.98	<13	PASS
		50	0	5.21	<13	PASS
		50	25	5.48	<13	PASS
		50	50	5.57	<13	PASS
		100	0	5.67	<13	PASS

## Test Graphs

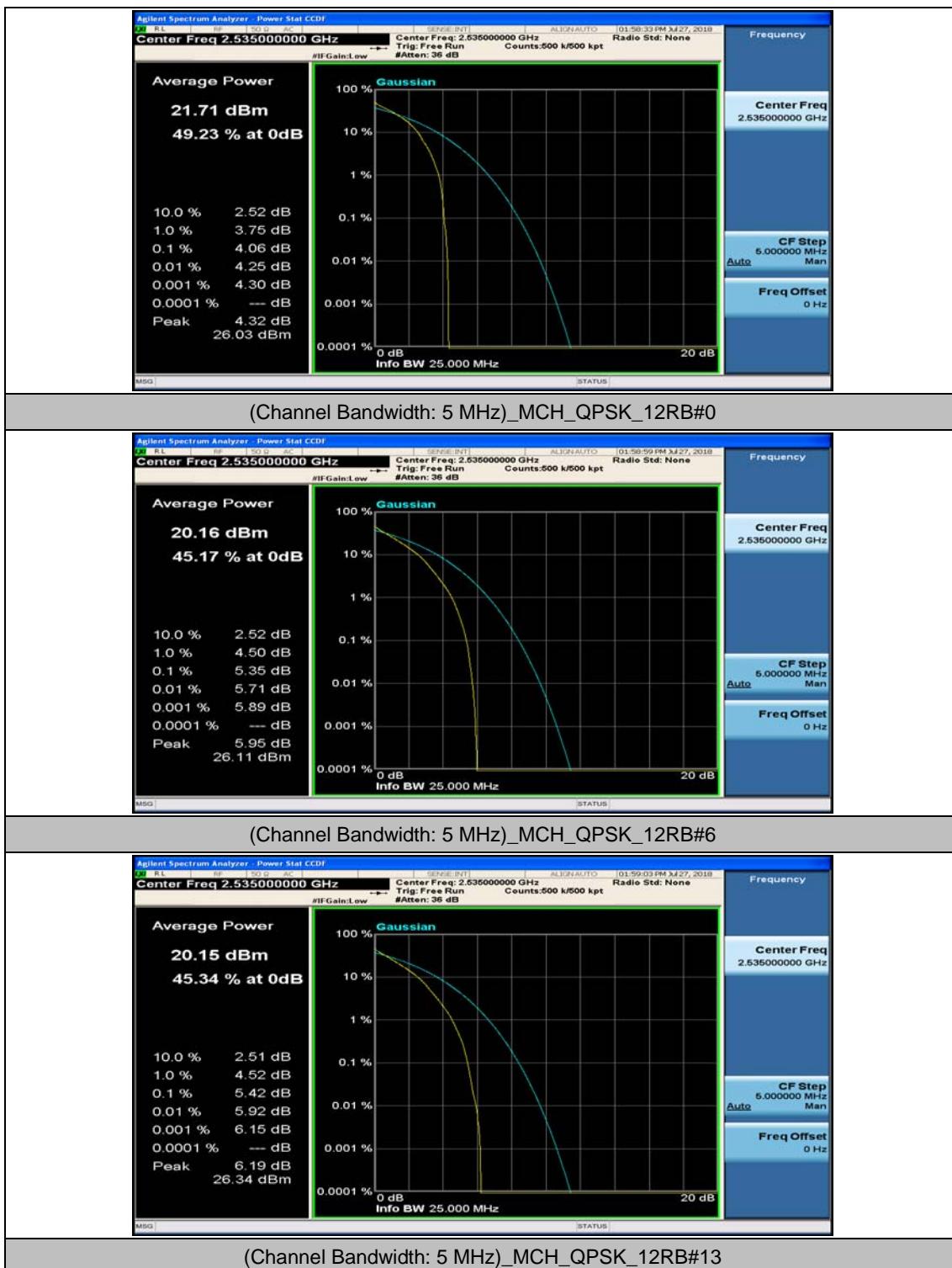
### Channel Bandwidth: 5 MHz

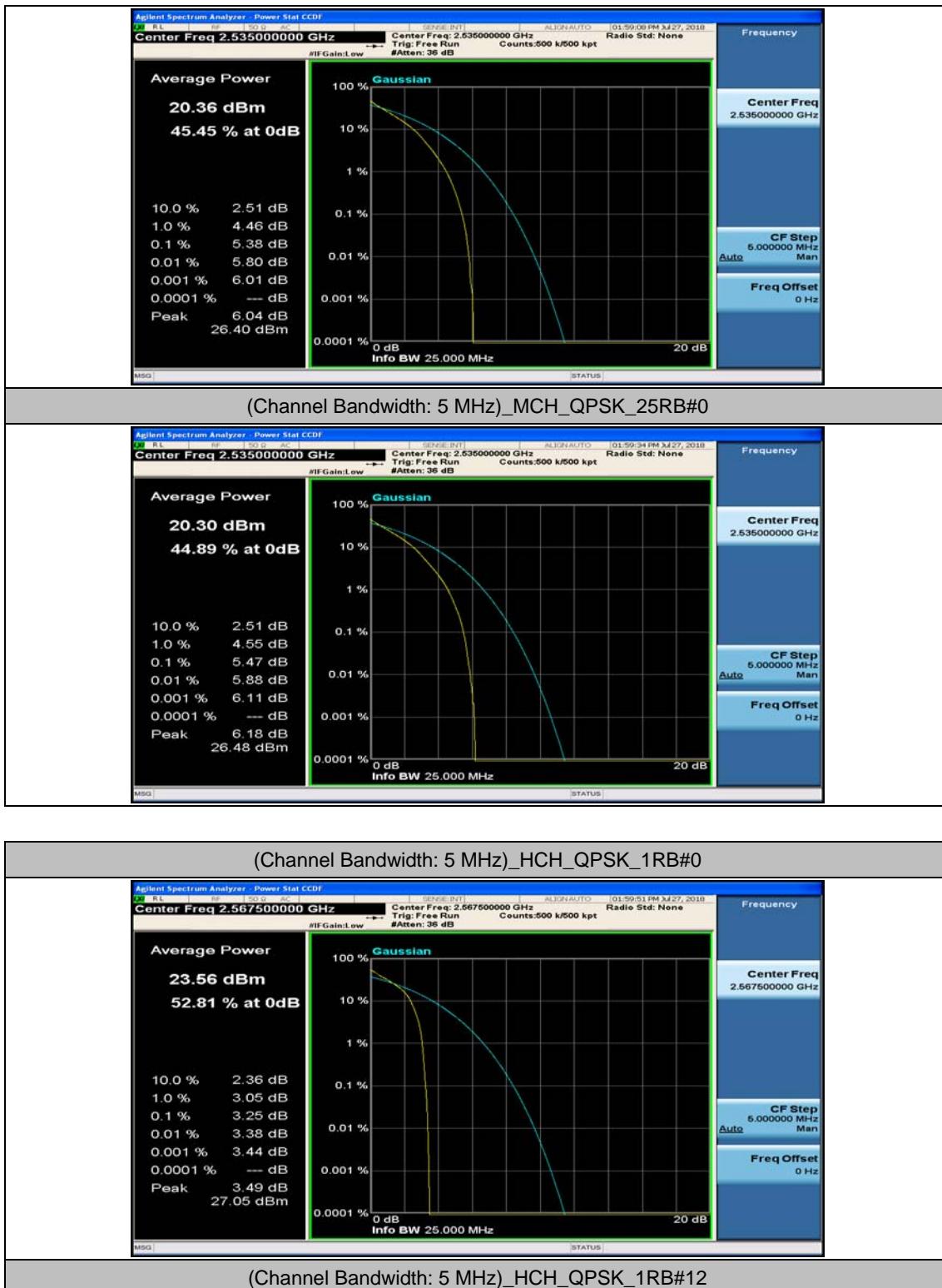


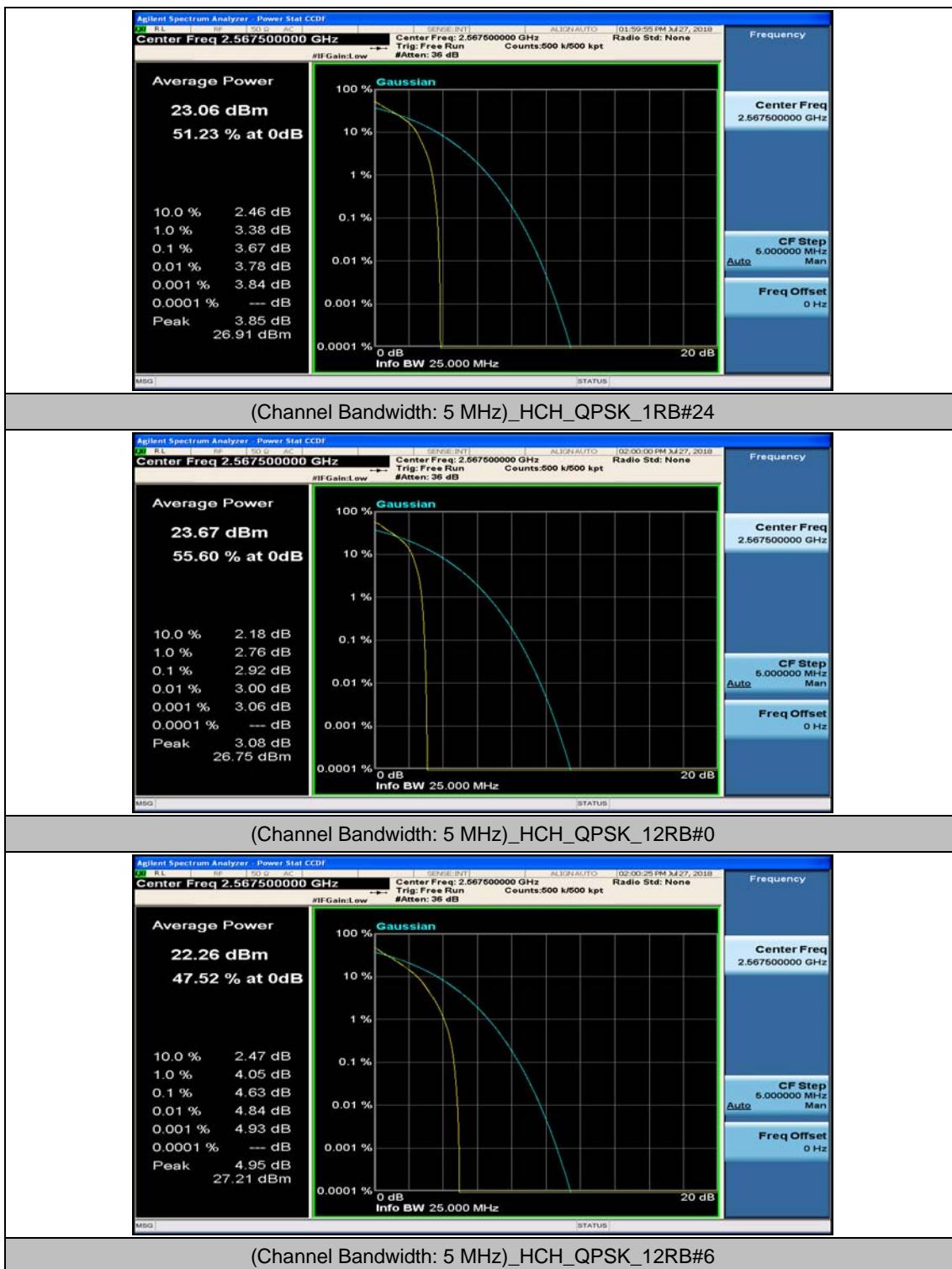


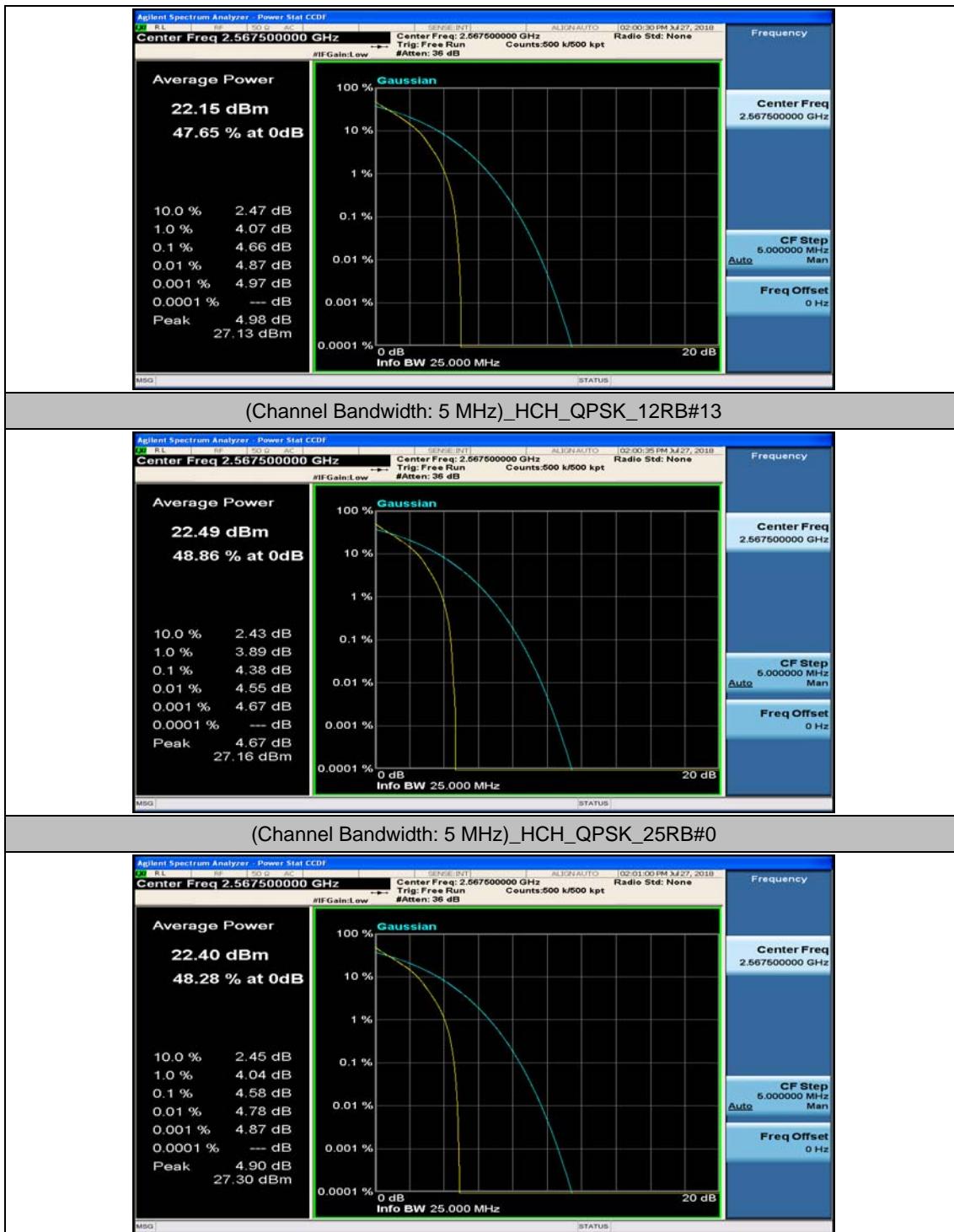


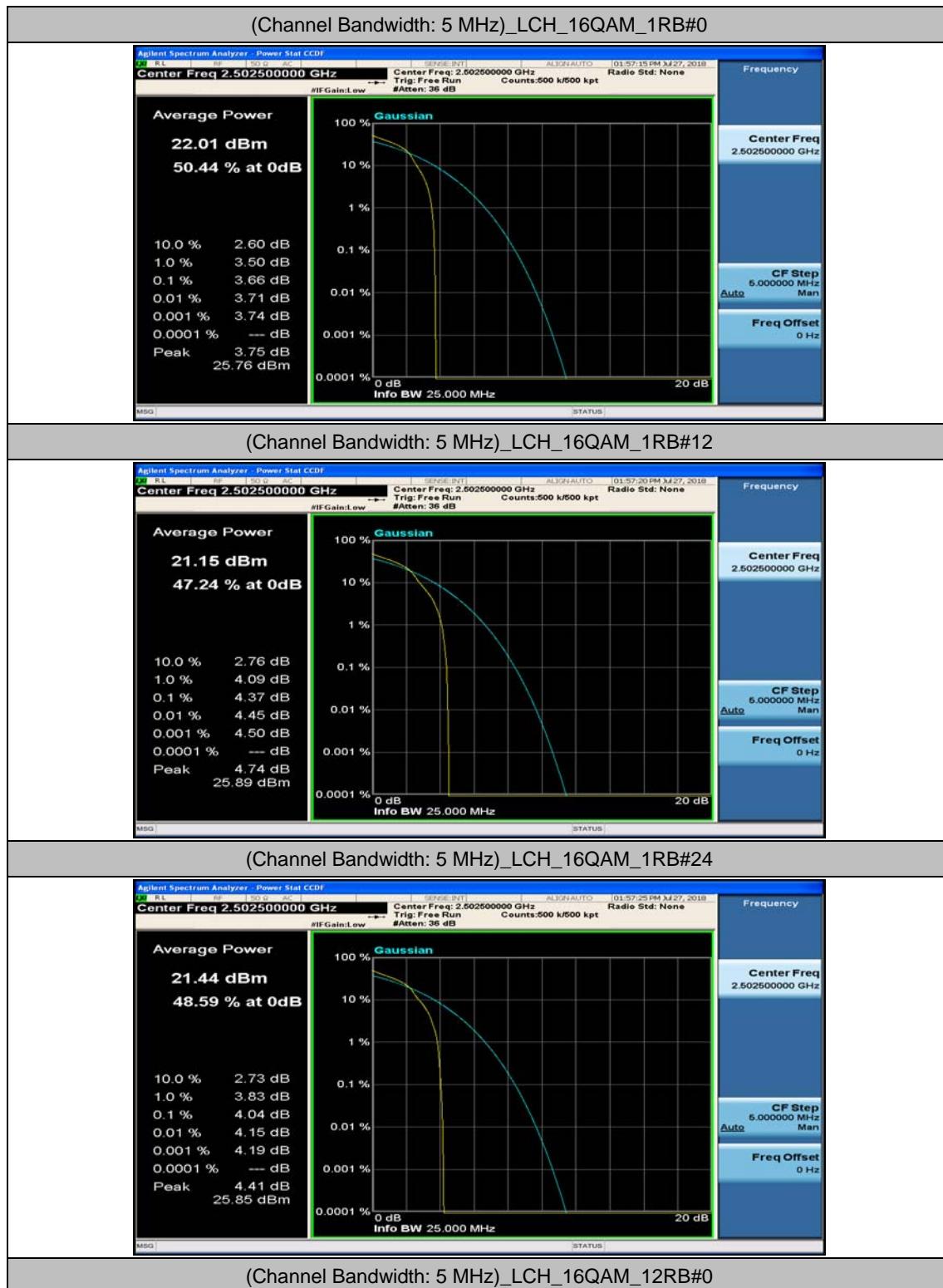
(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_1RB#24

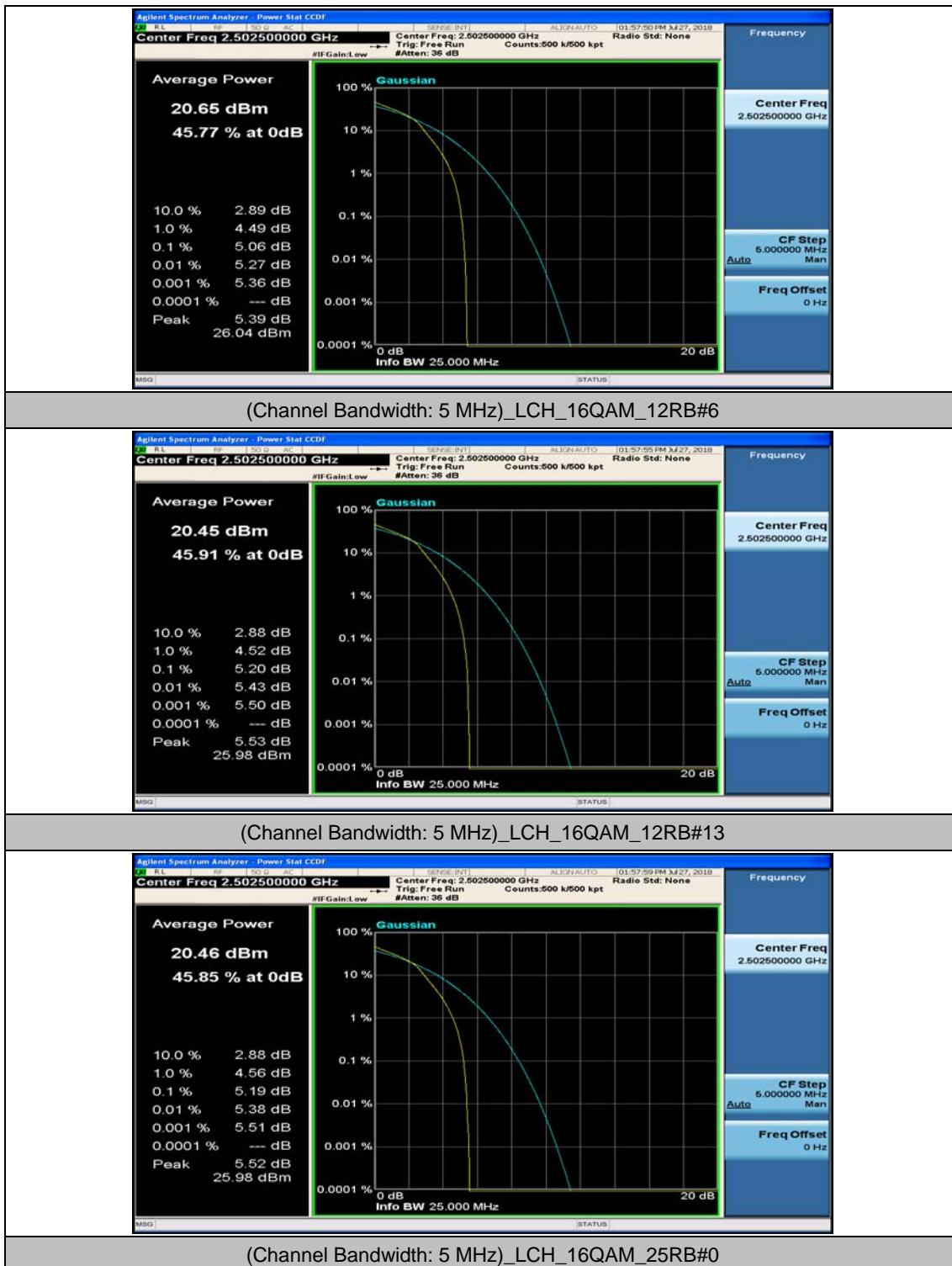


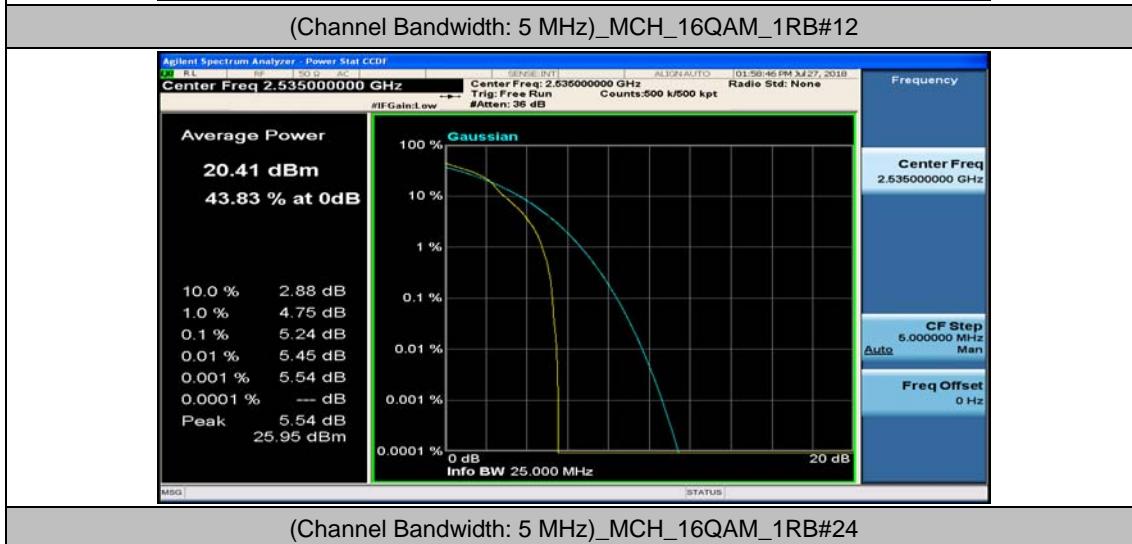
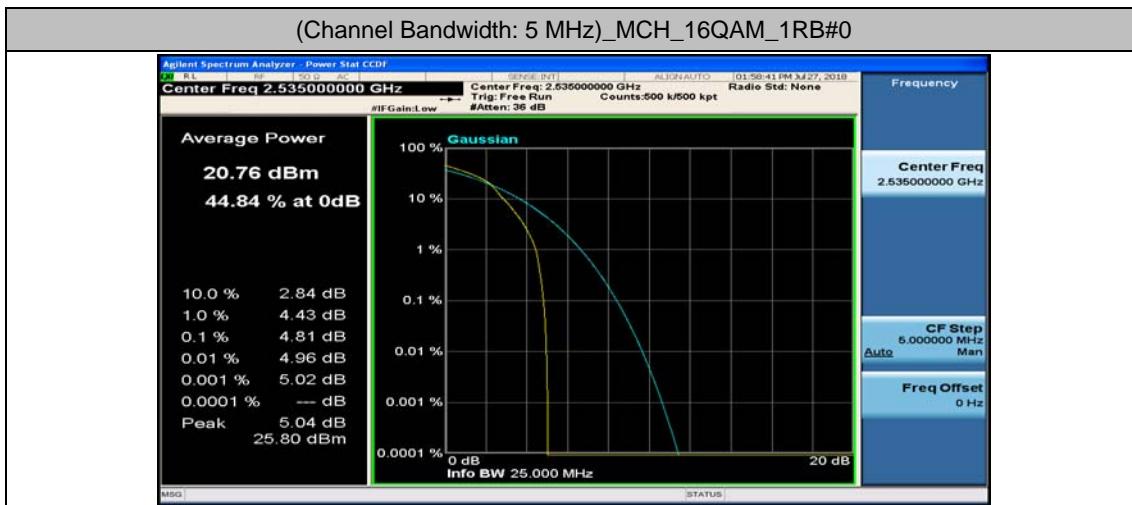
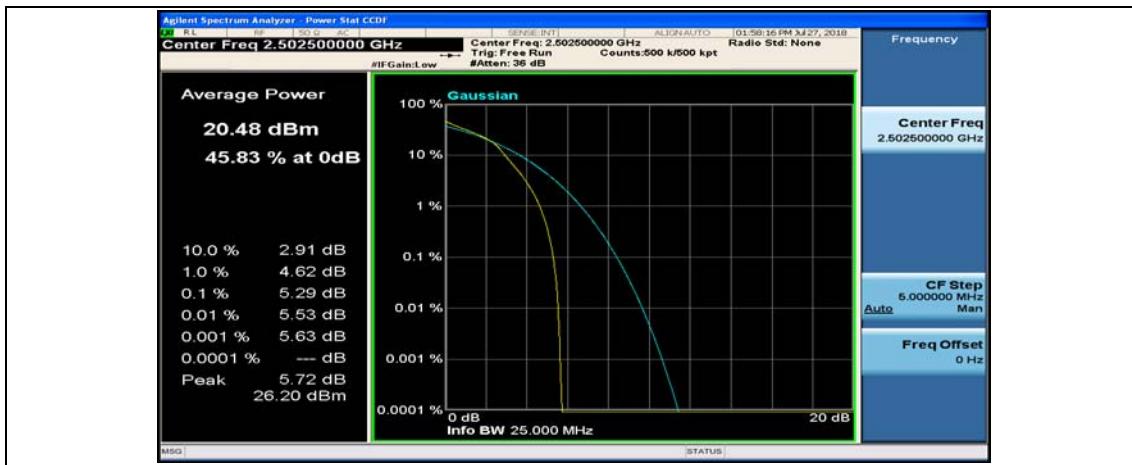




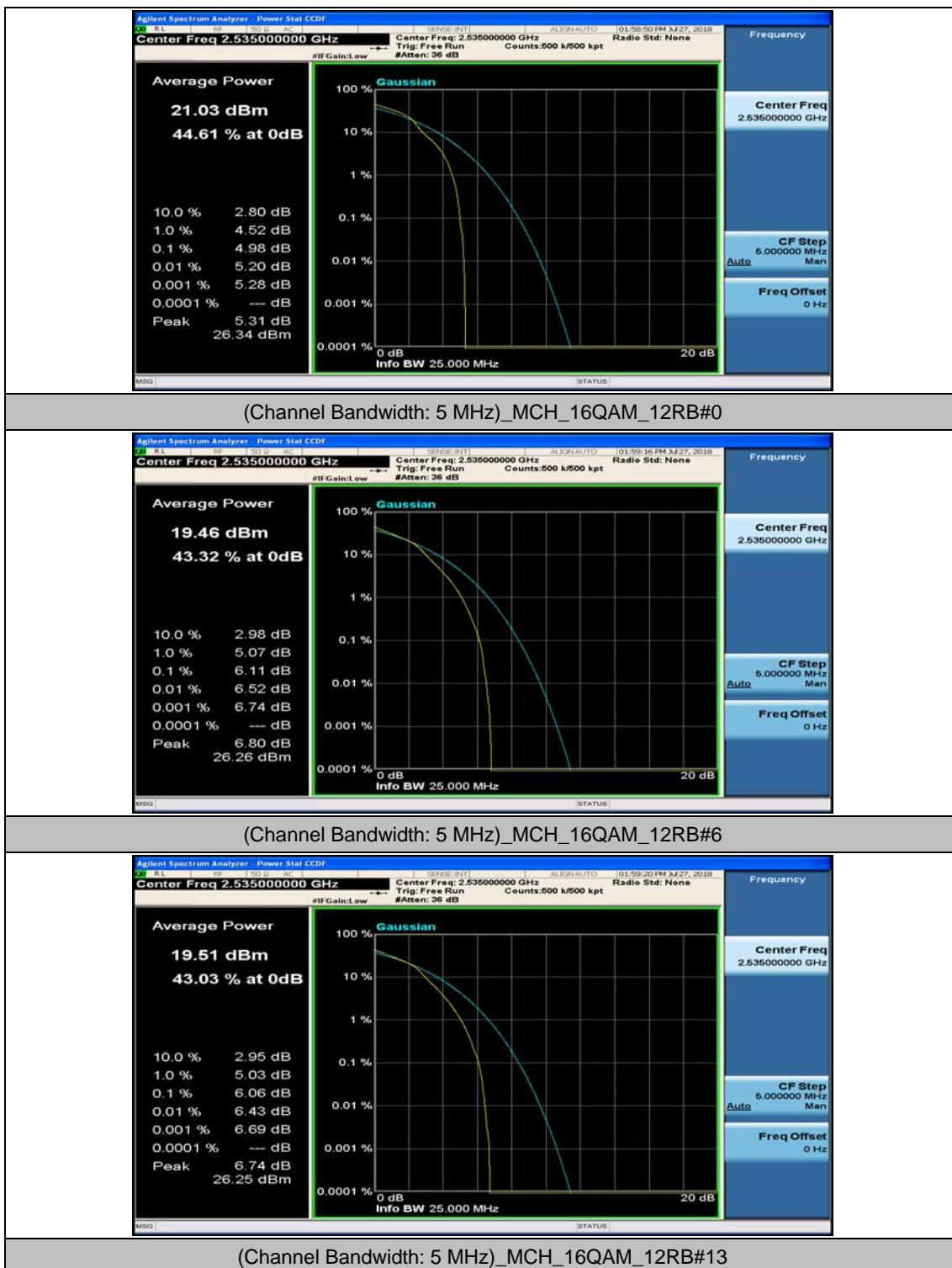


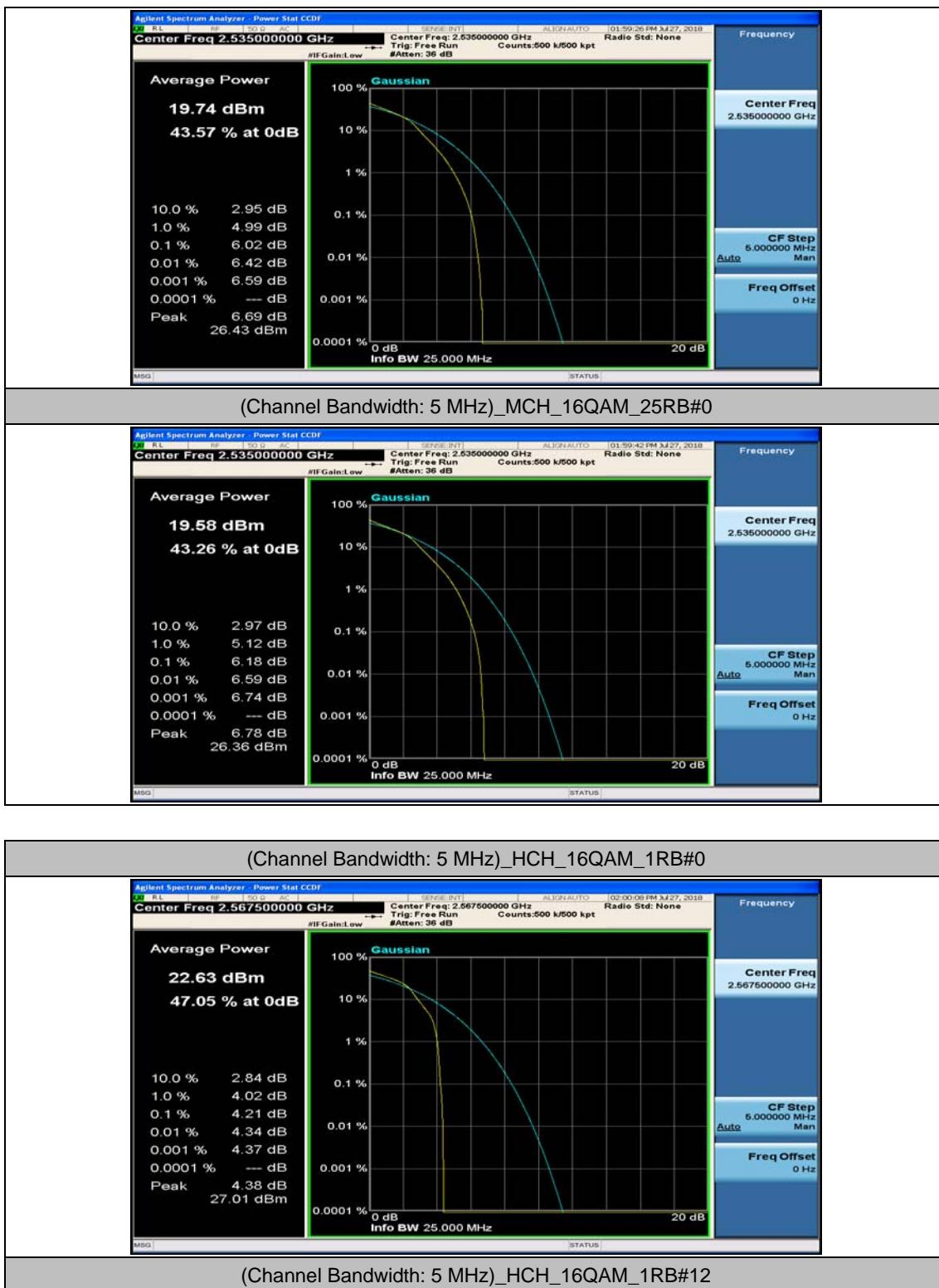


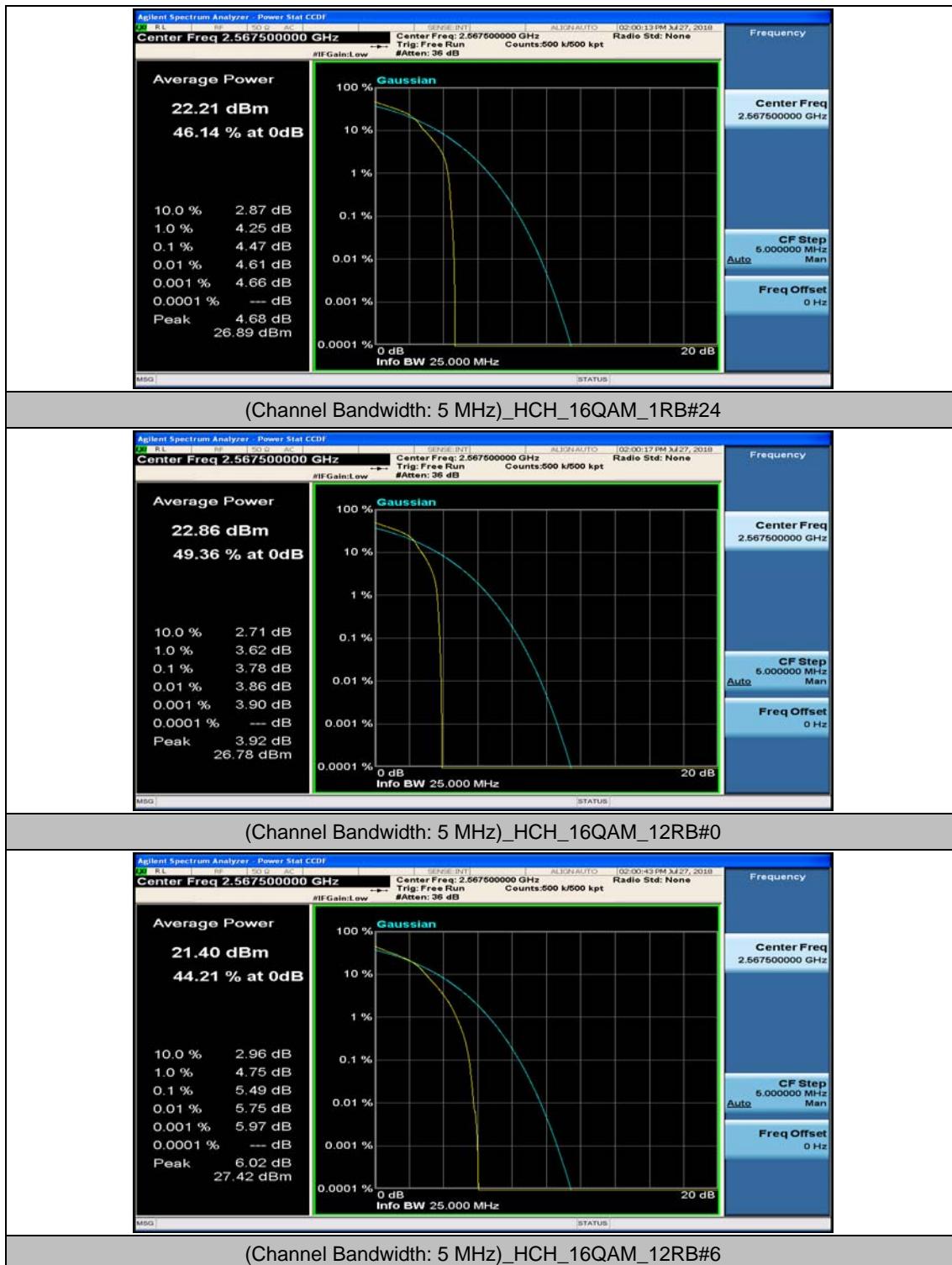


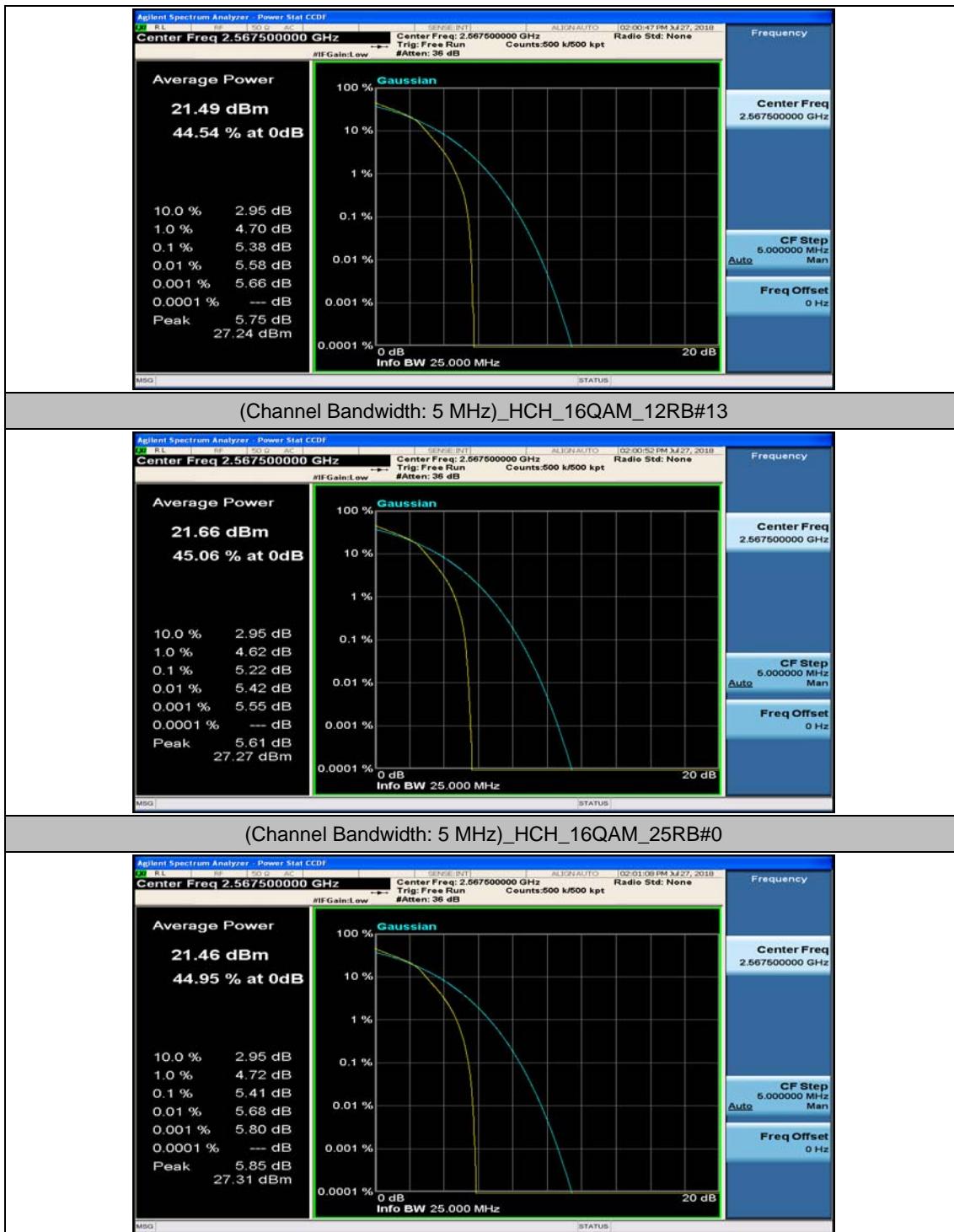


(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_1RB#24

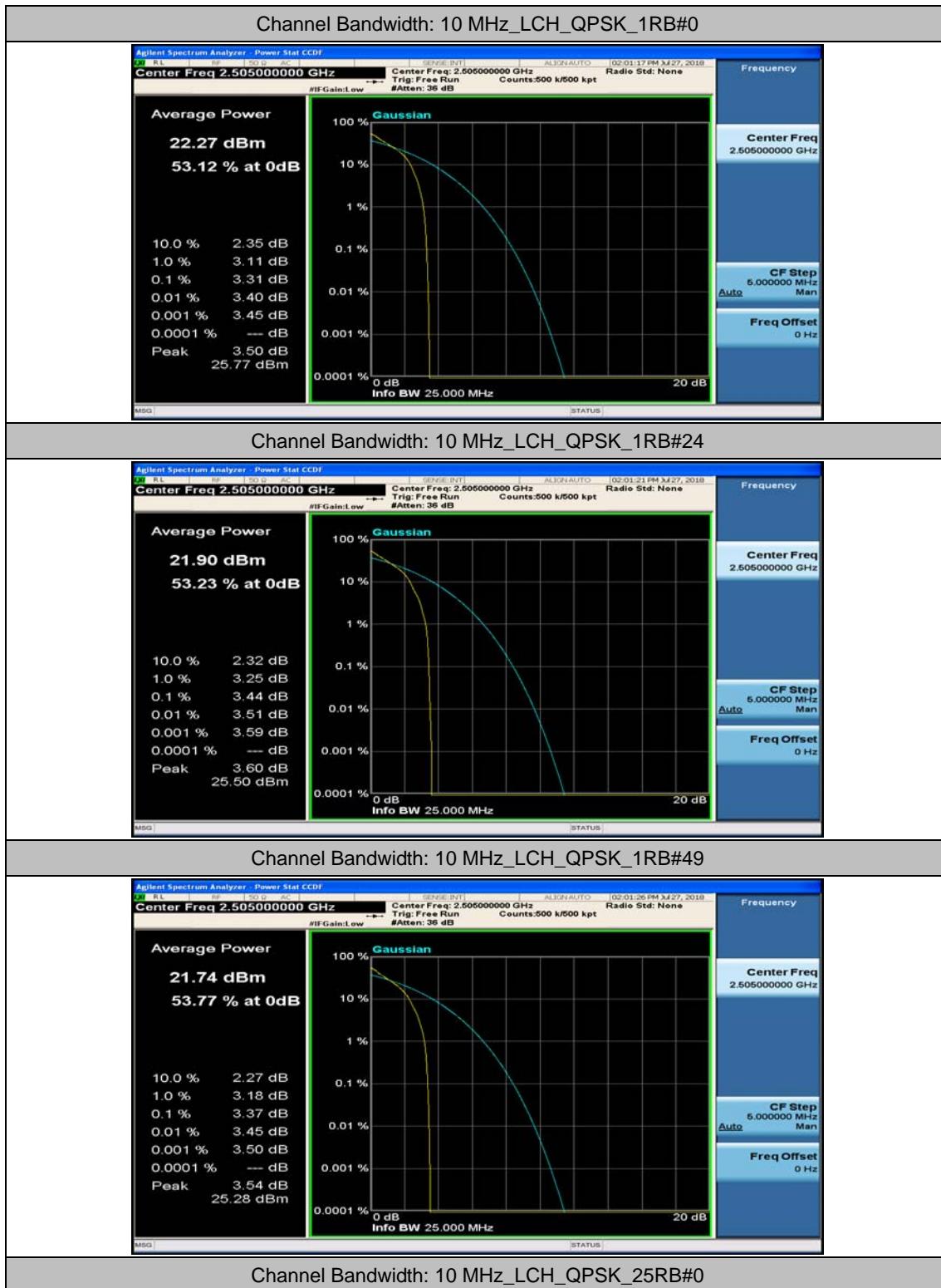


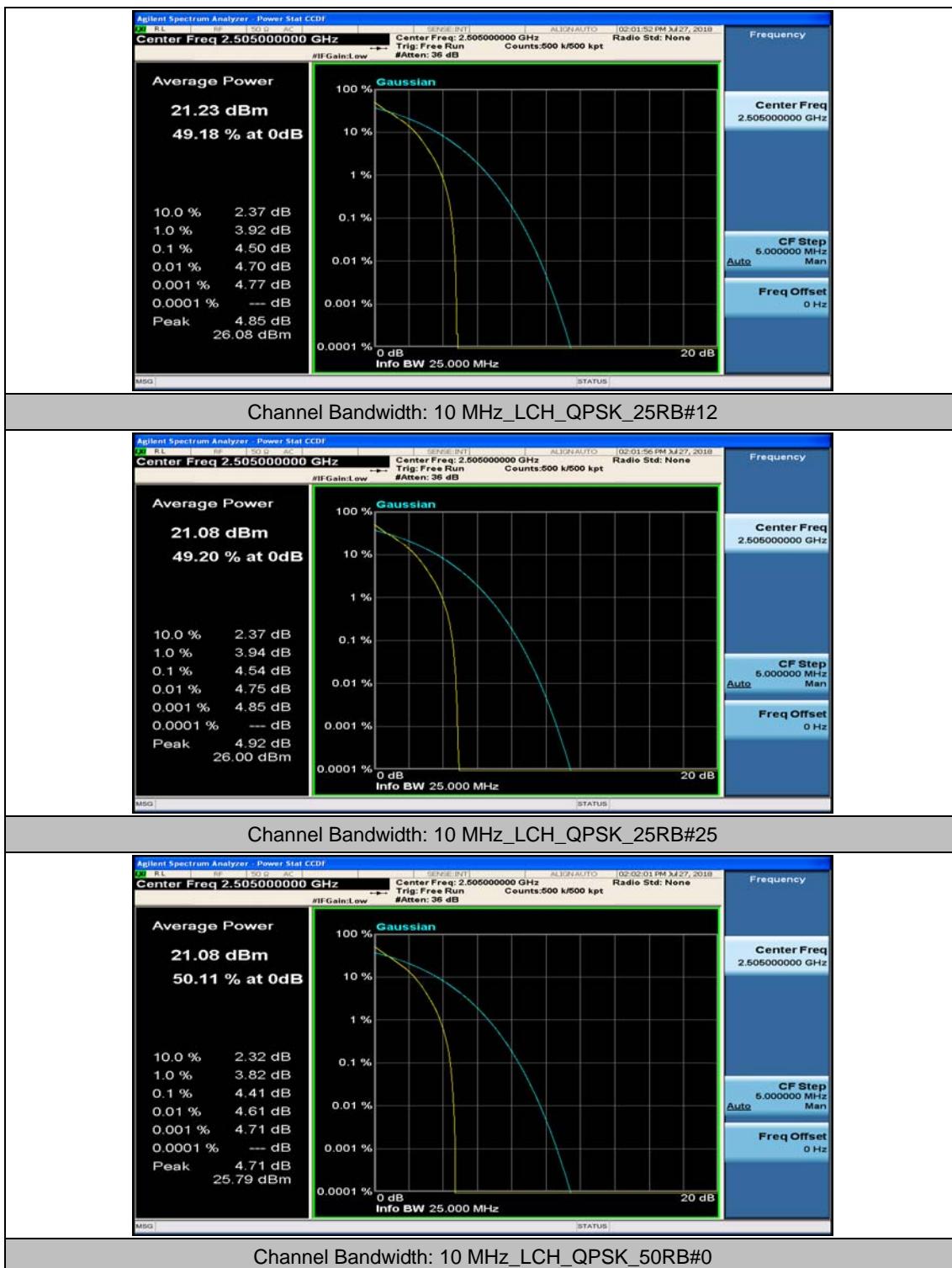


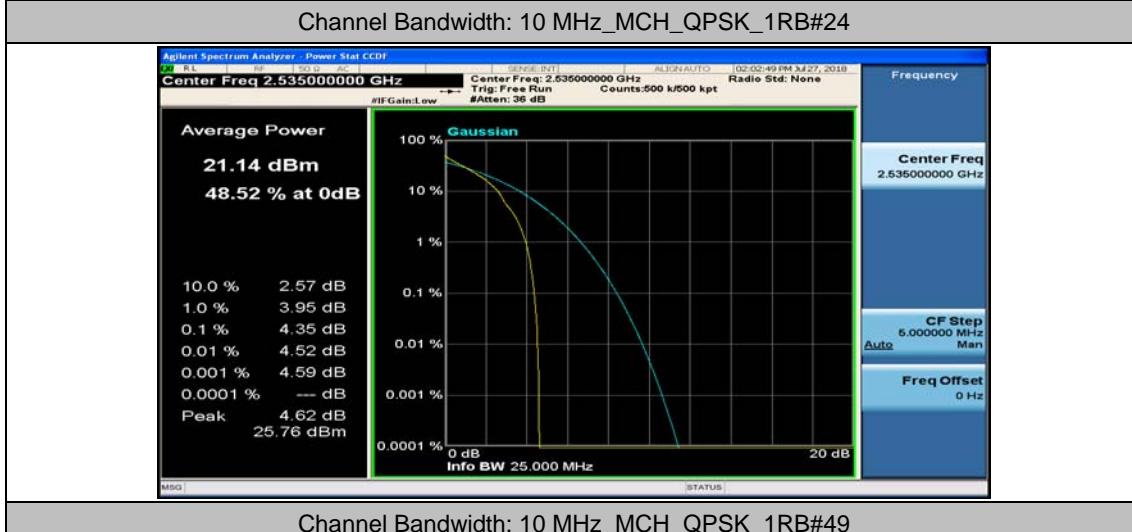
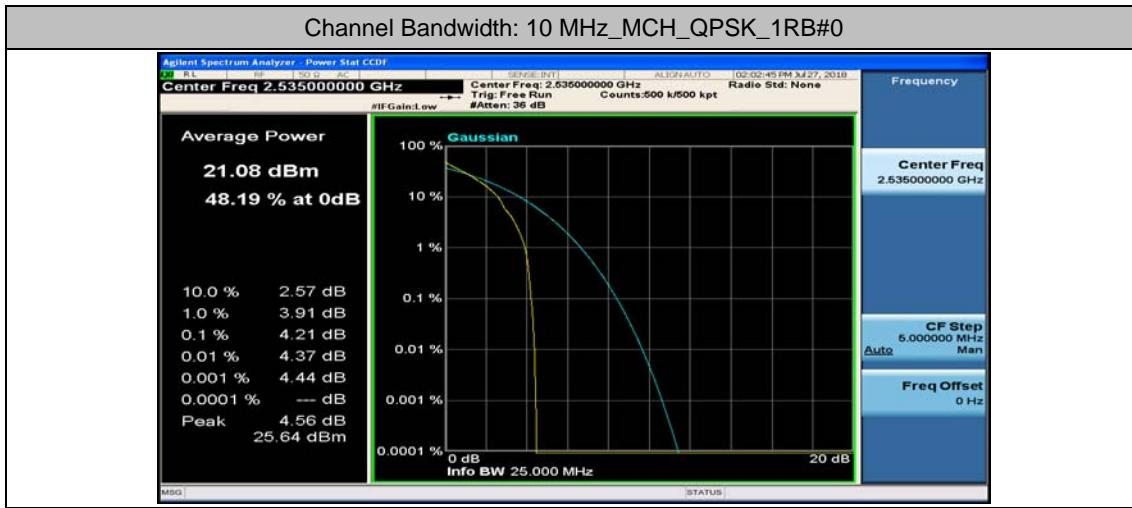
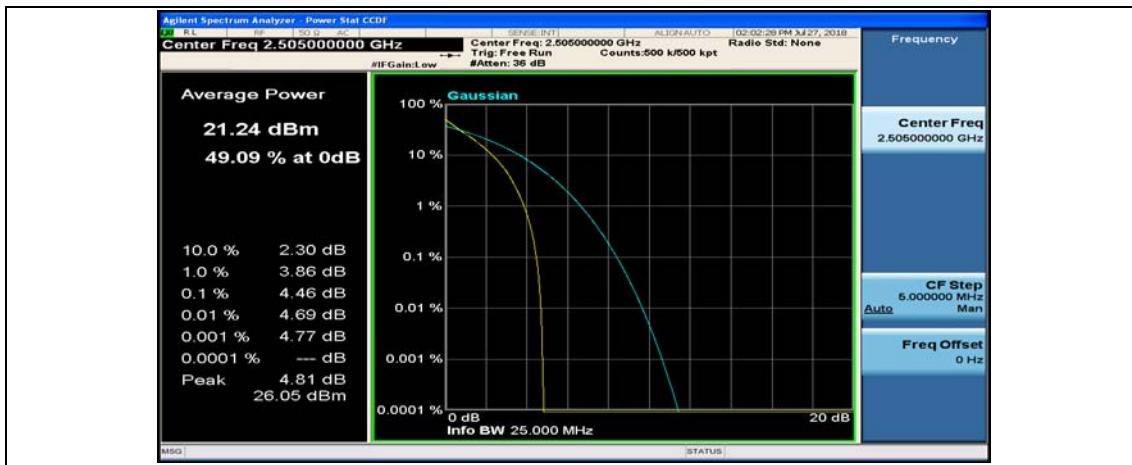




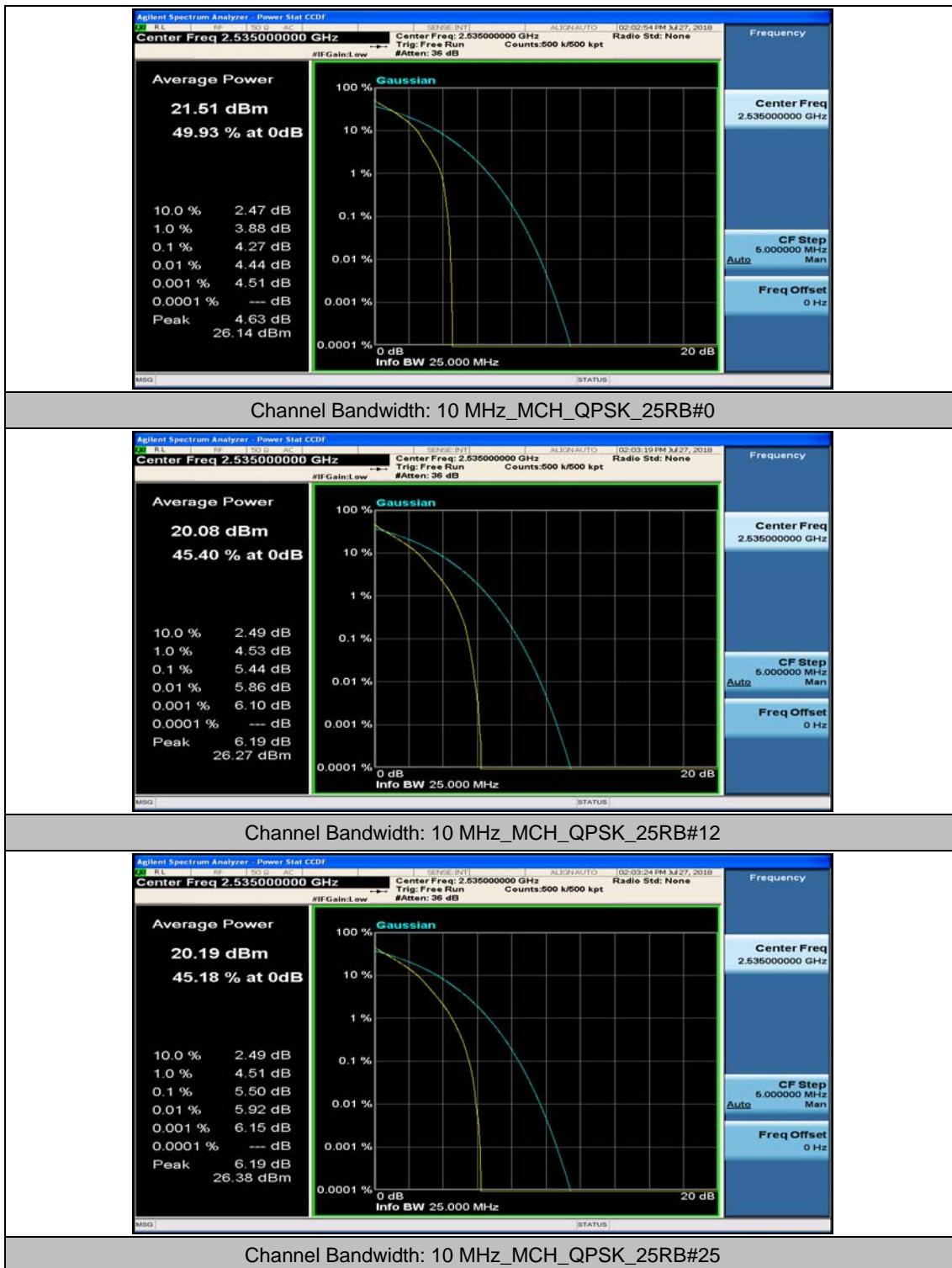
## Channel Bandwidth: 10 MHz

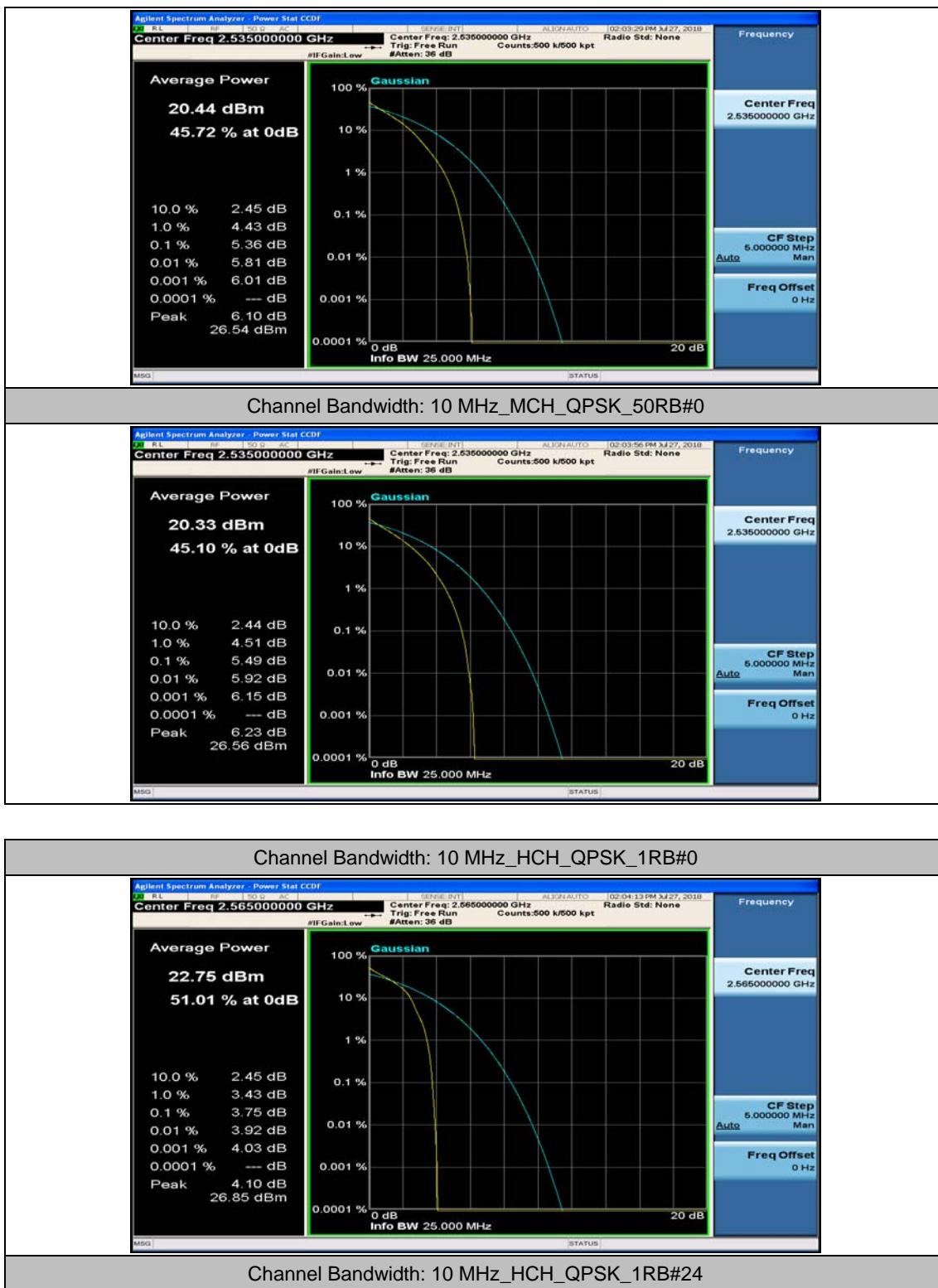


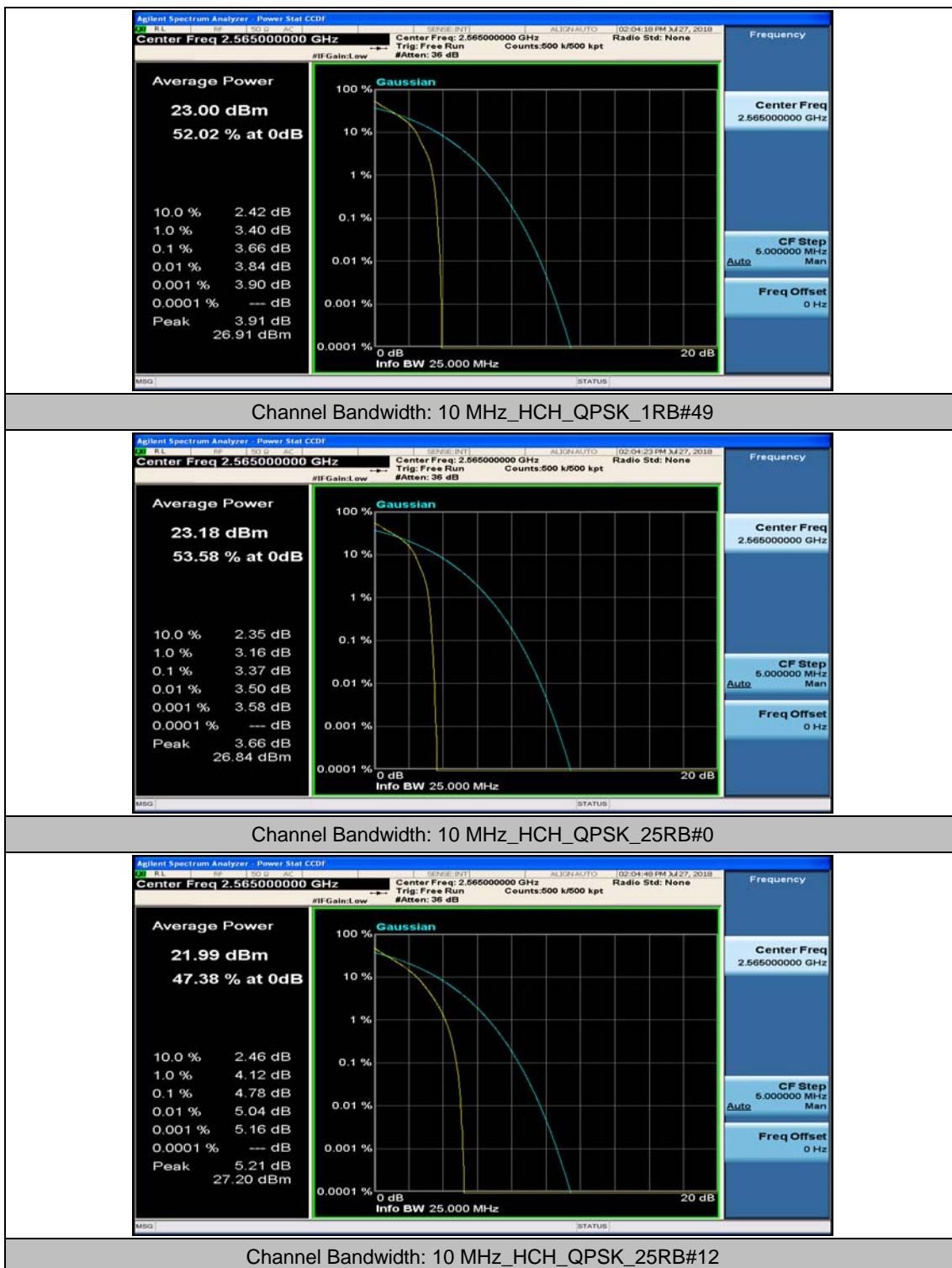


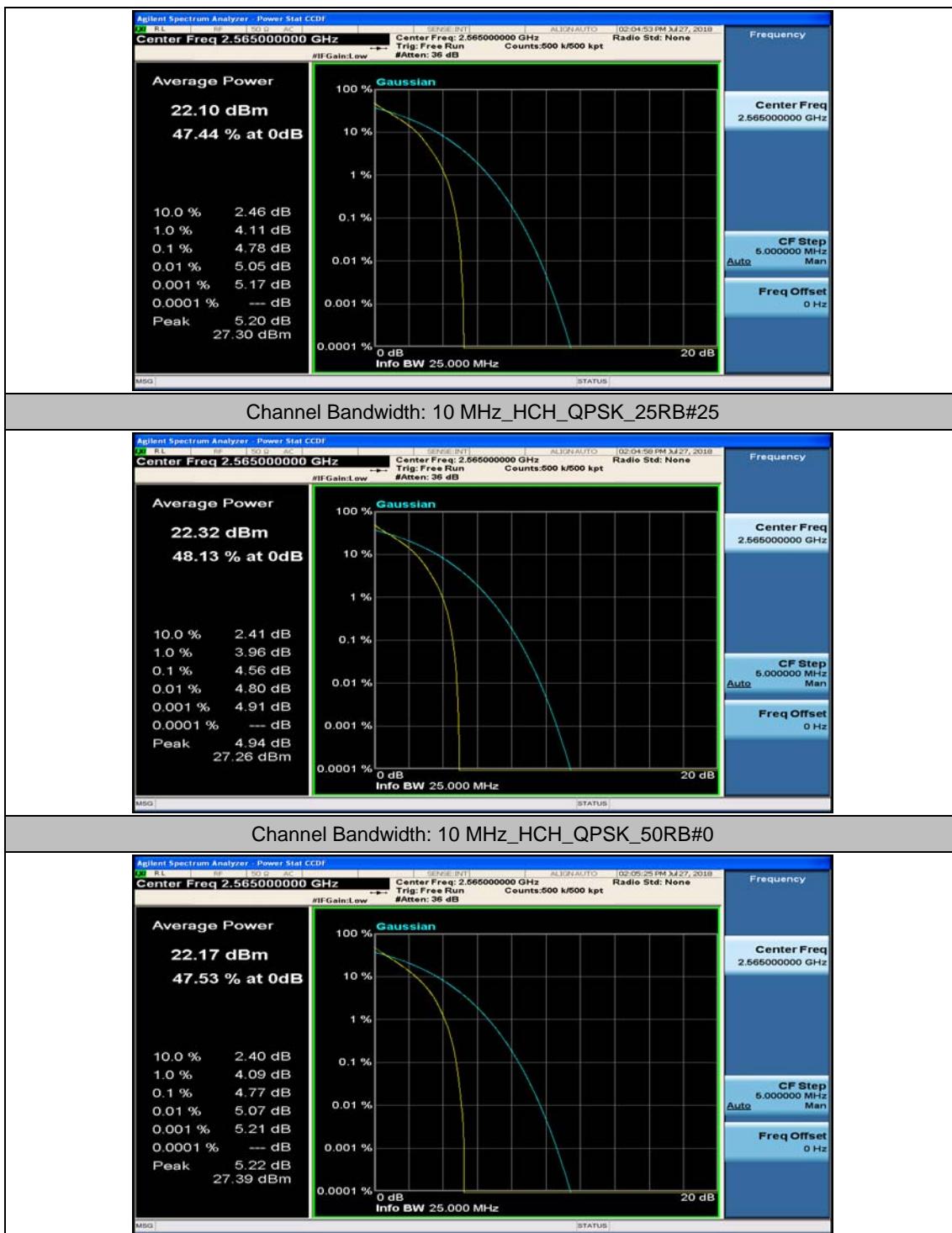


**Channel Bandwidth: 10 MHz\_MCH\_QPSK\_1RB#49**

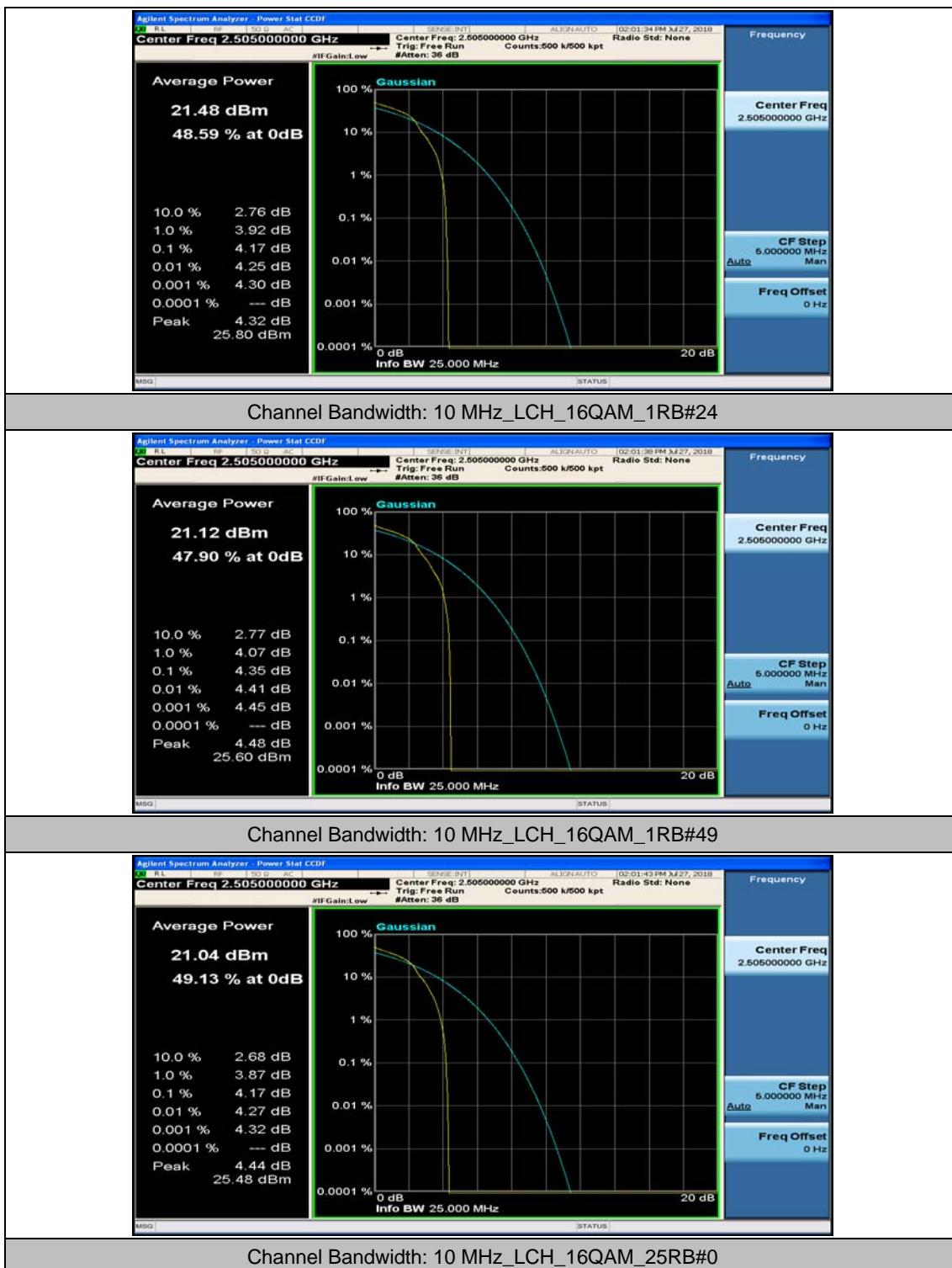


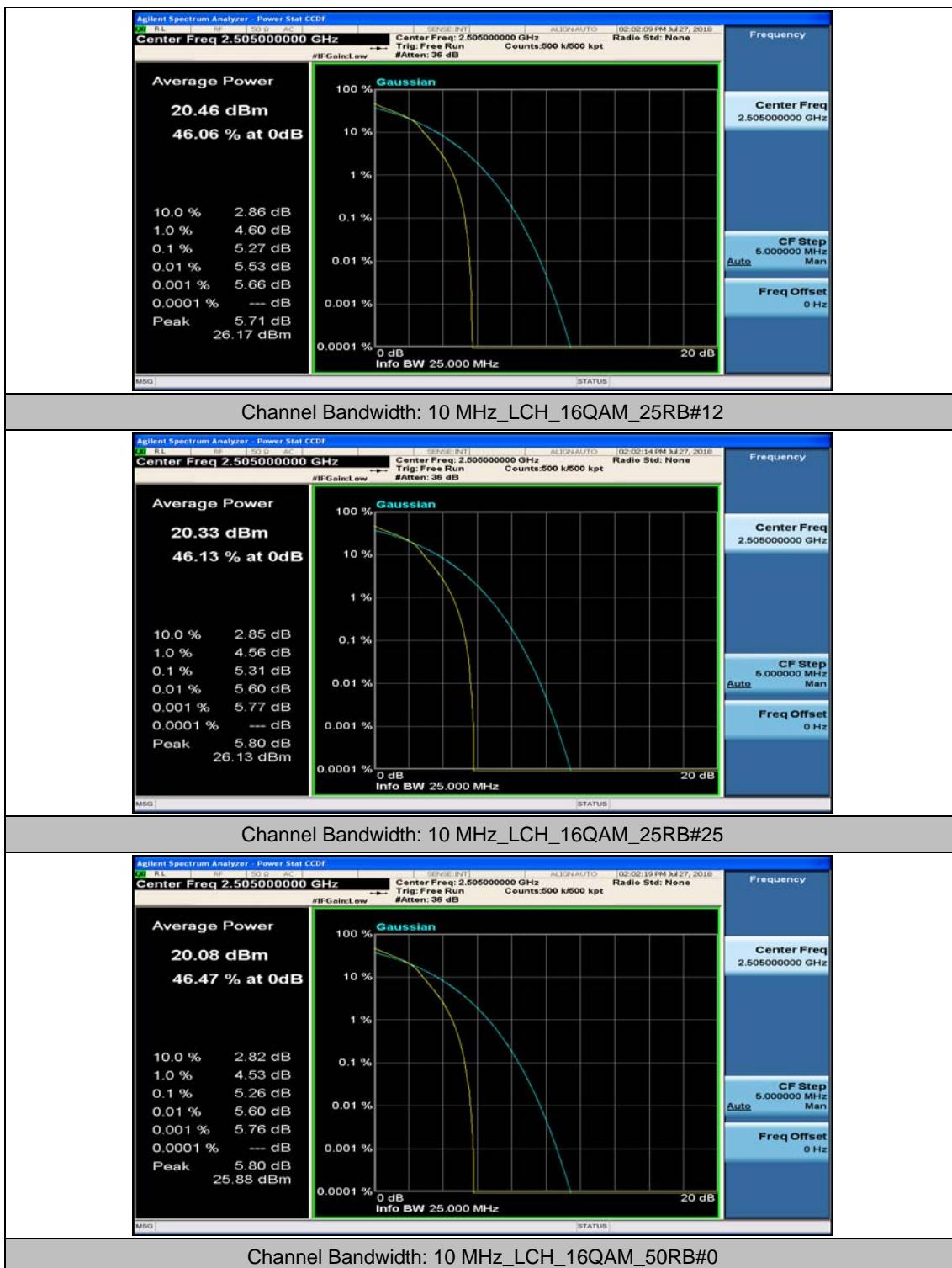


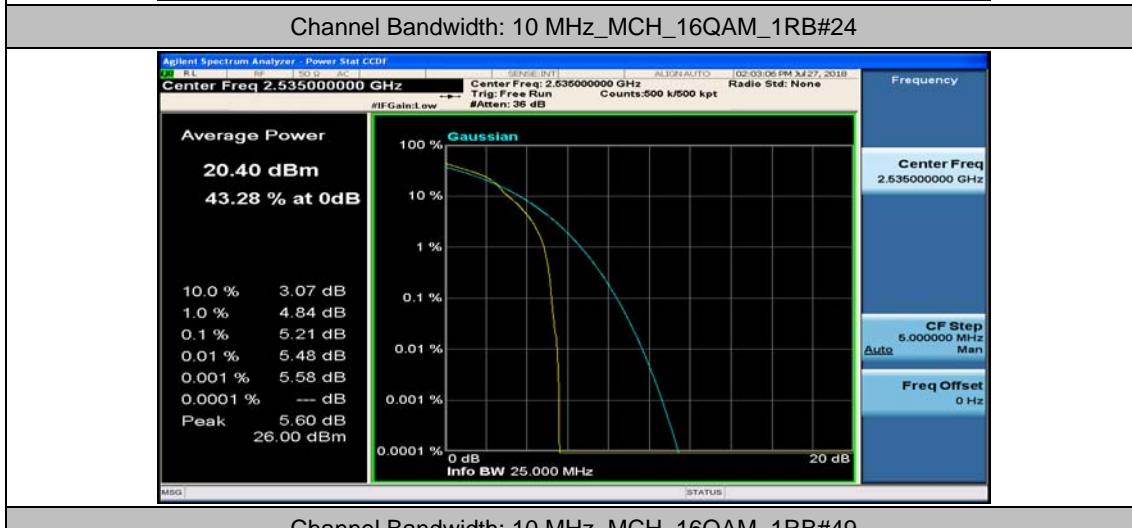
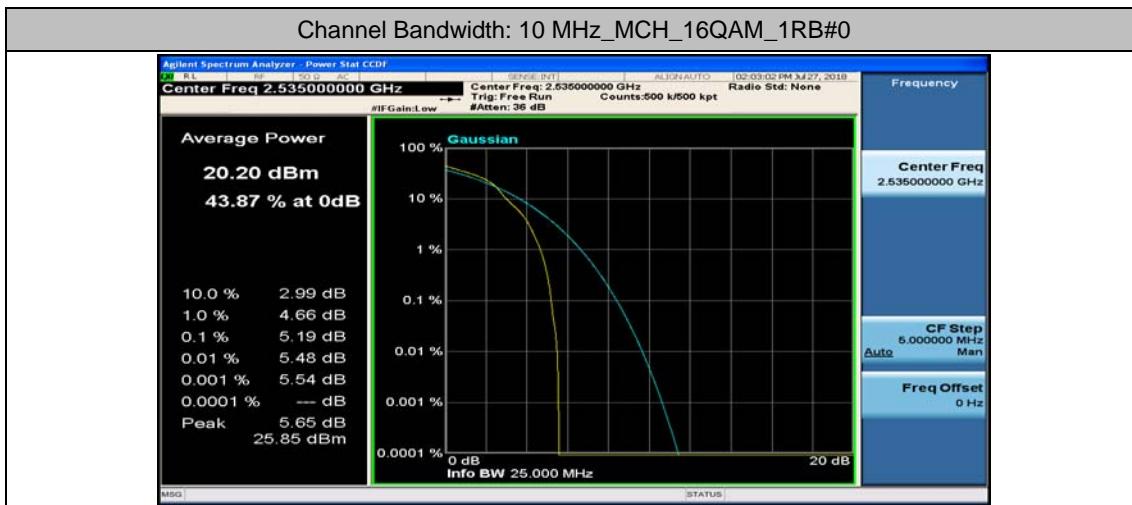
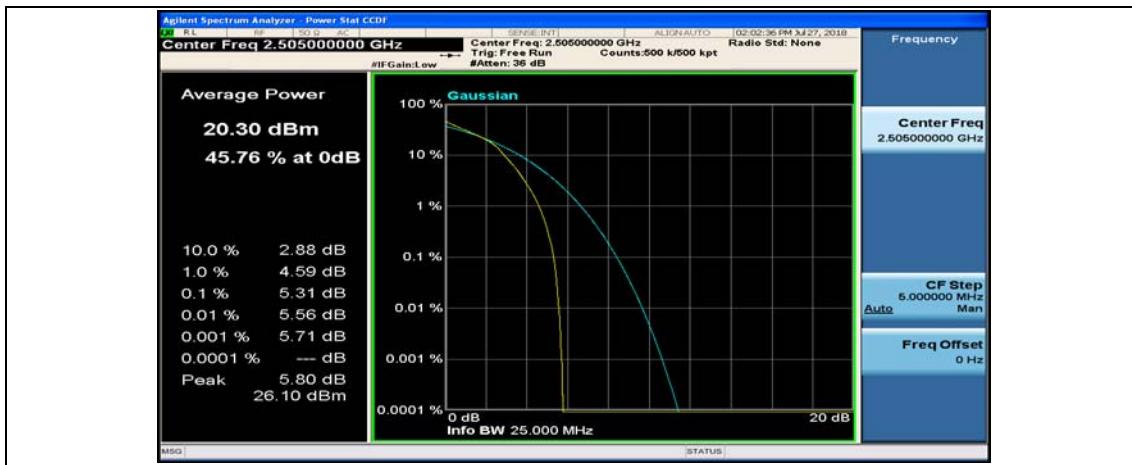




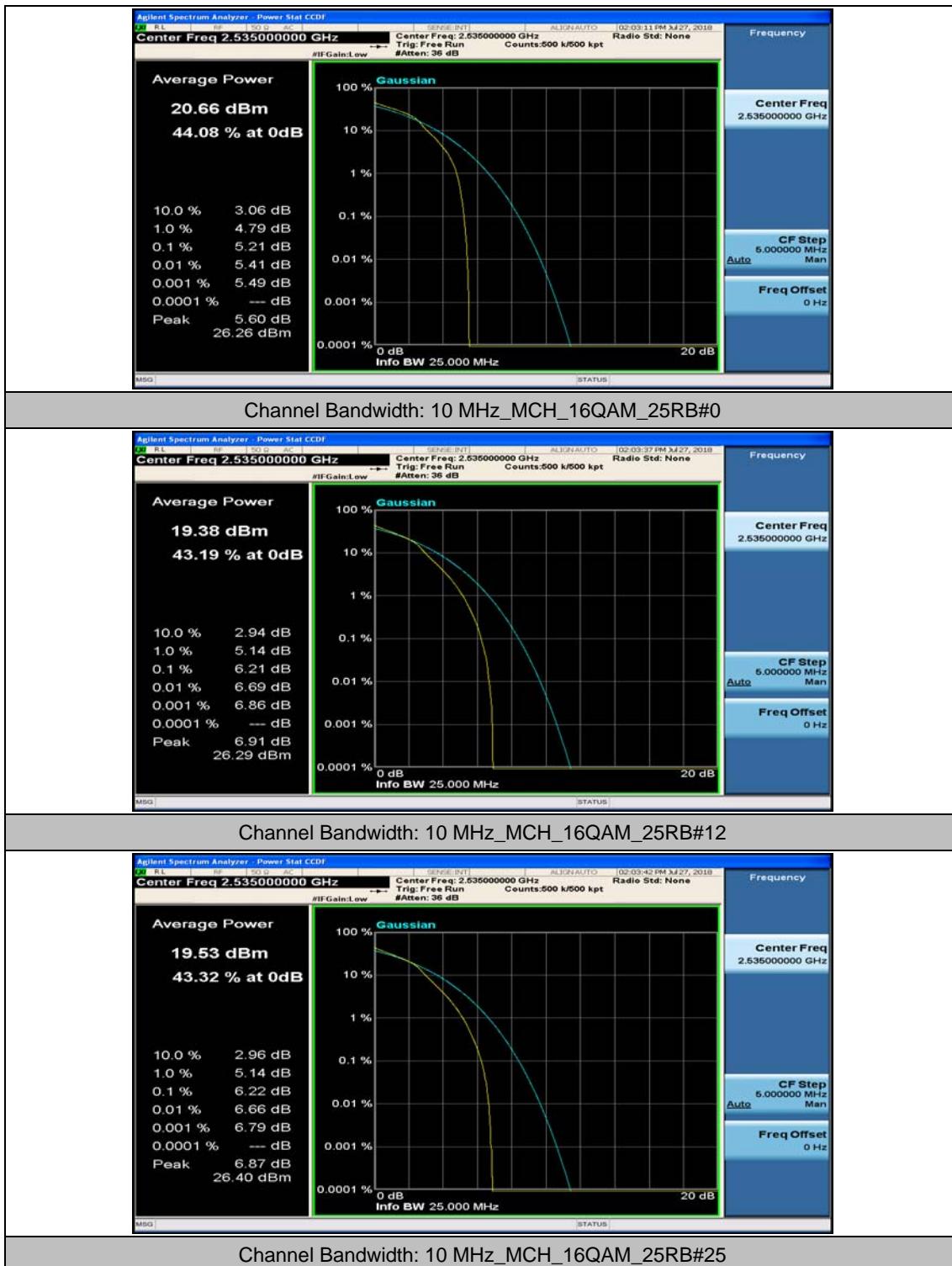
**Channel Bandwidth: 10 MHz\_LCH\_16QAM\_1RB#0**

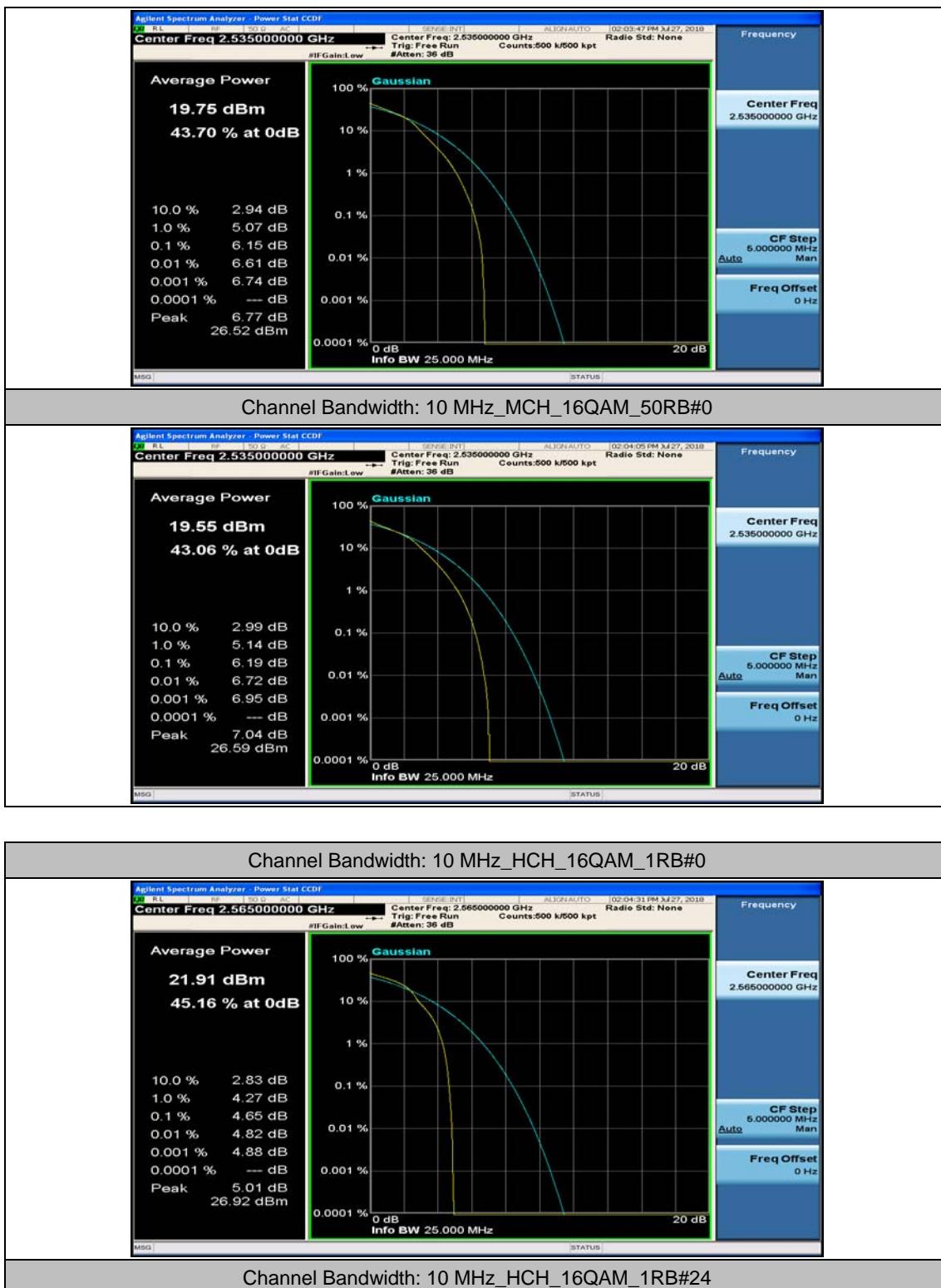


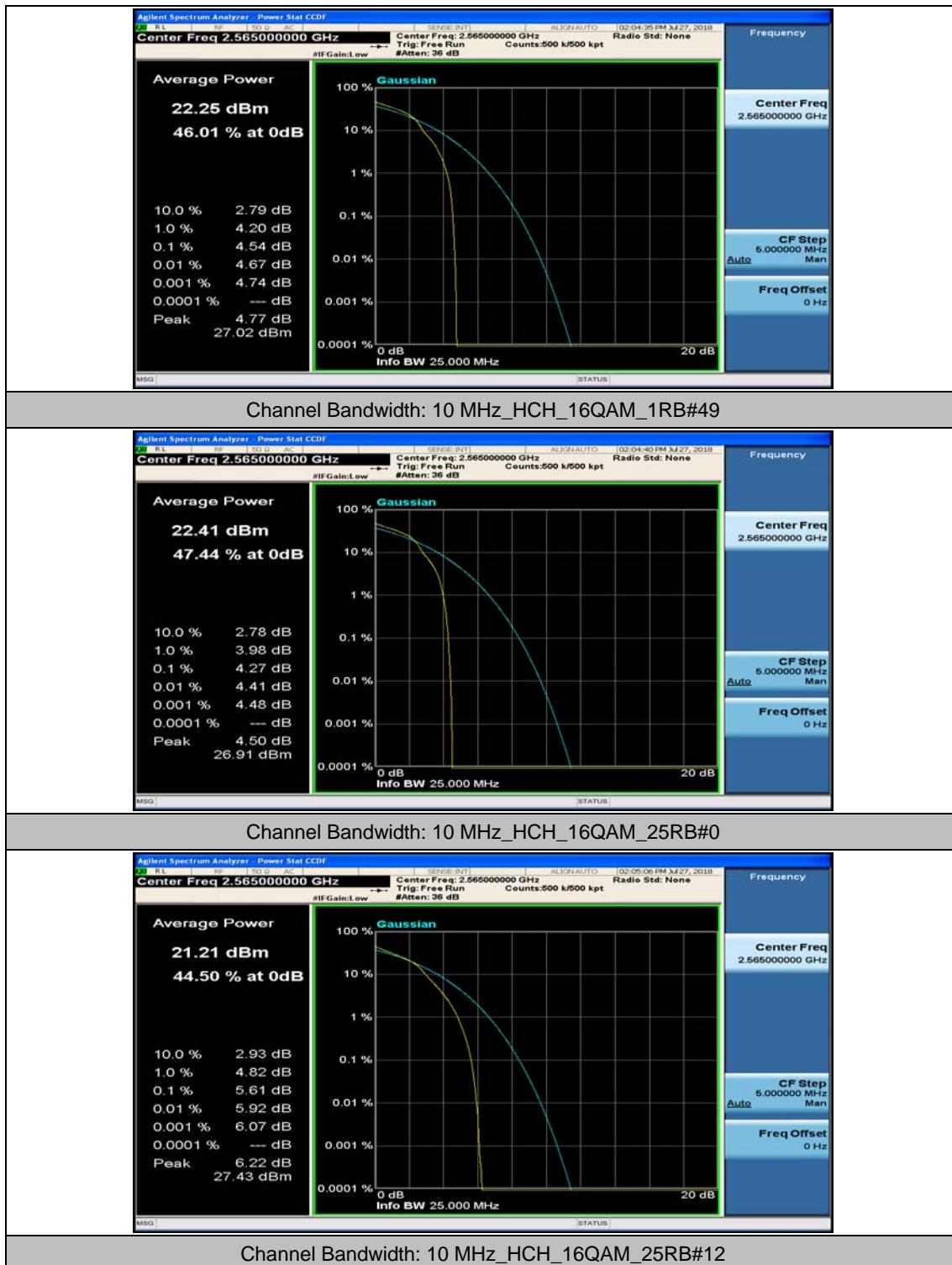


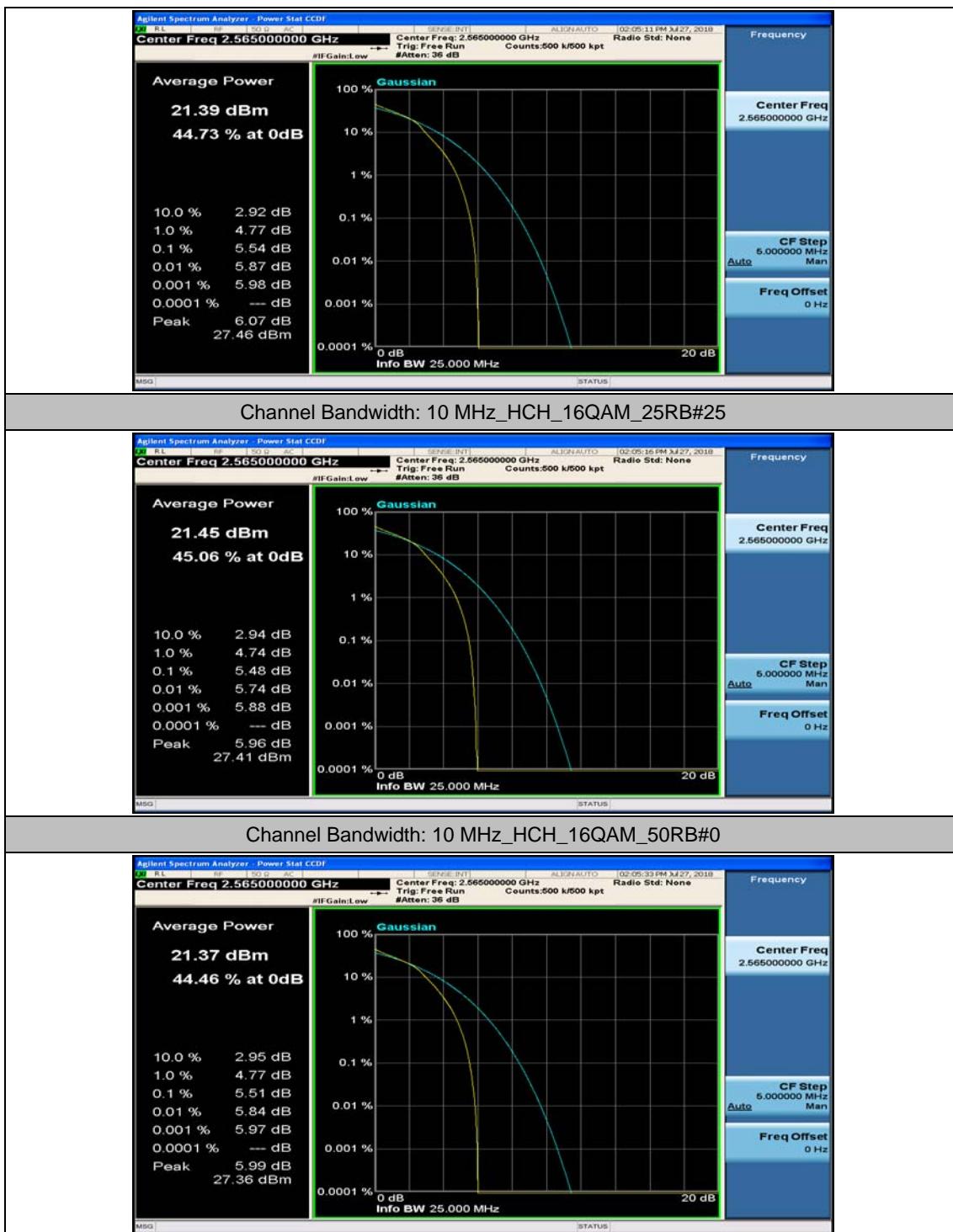


**Channel Bandwidth: 10 MHz\_MCH\_16QAM\_1RB#49**

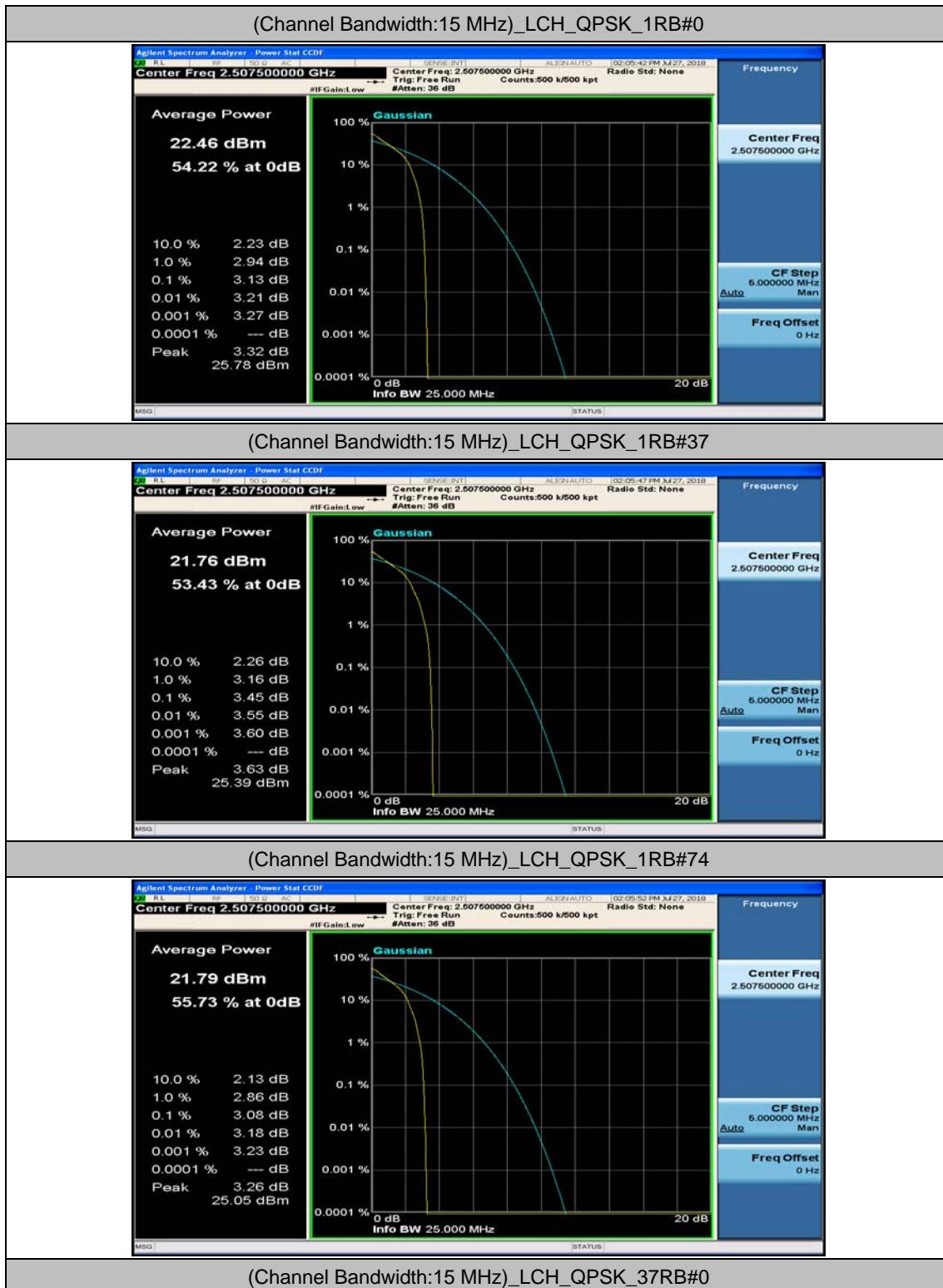


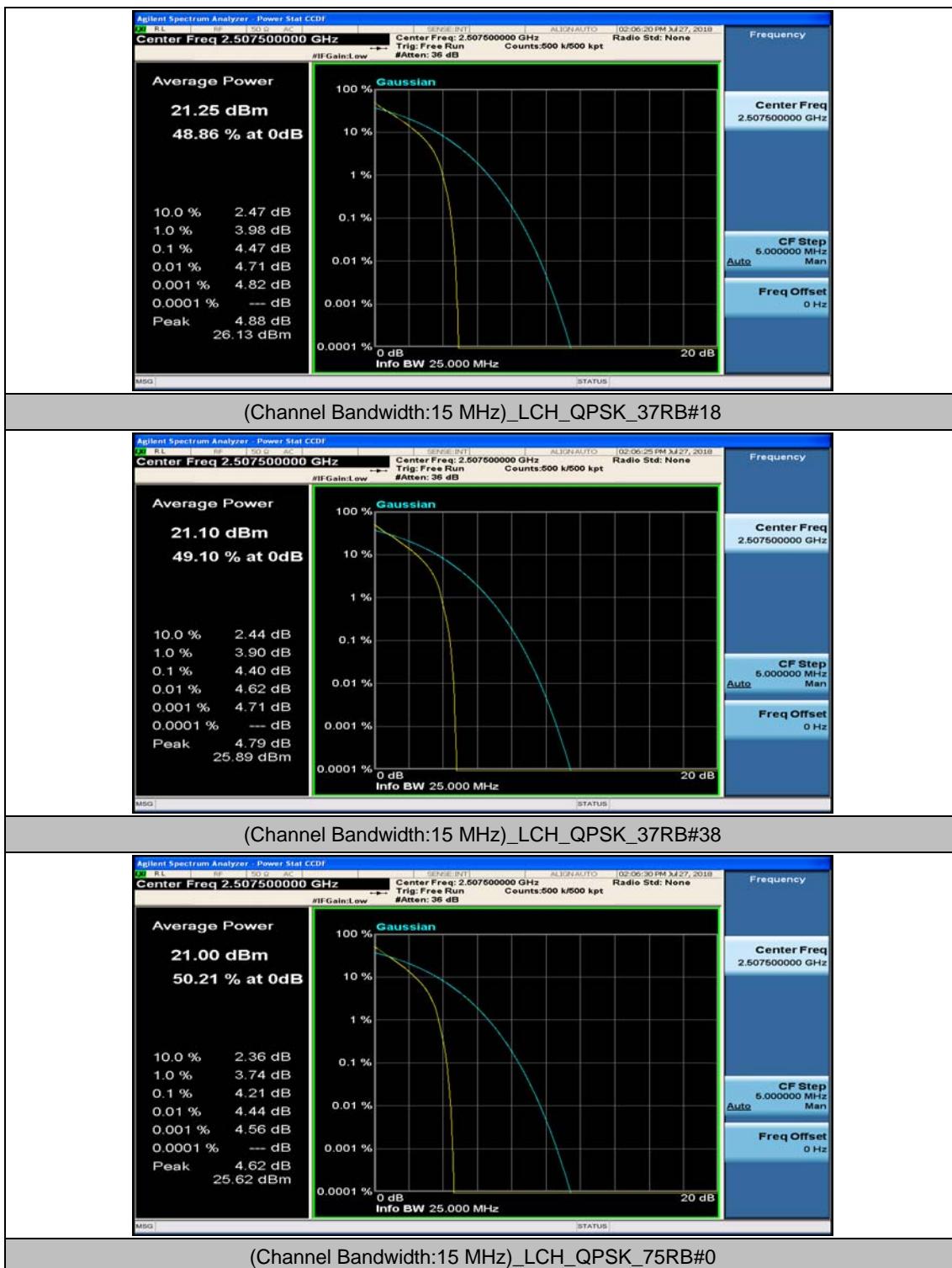


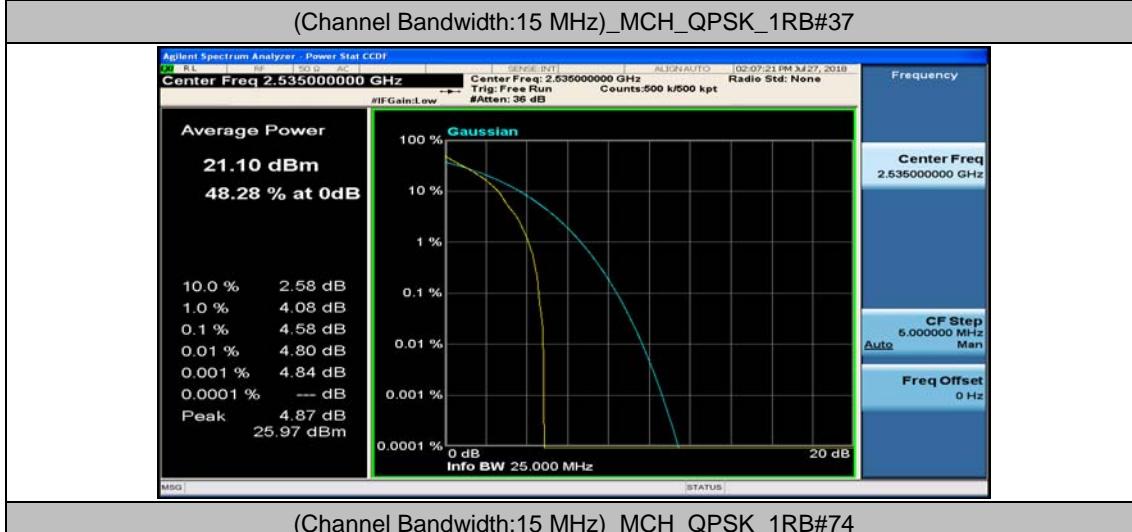
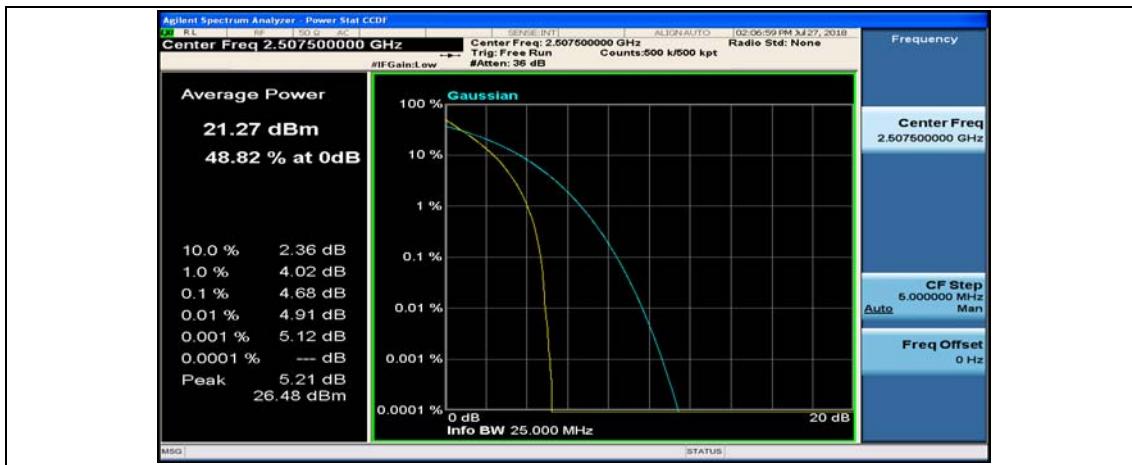




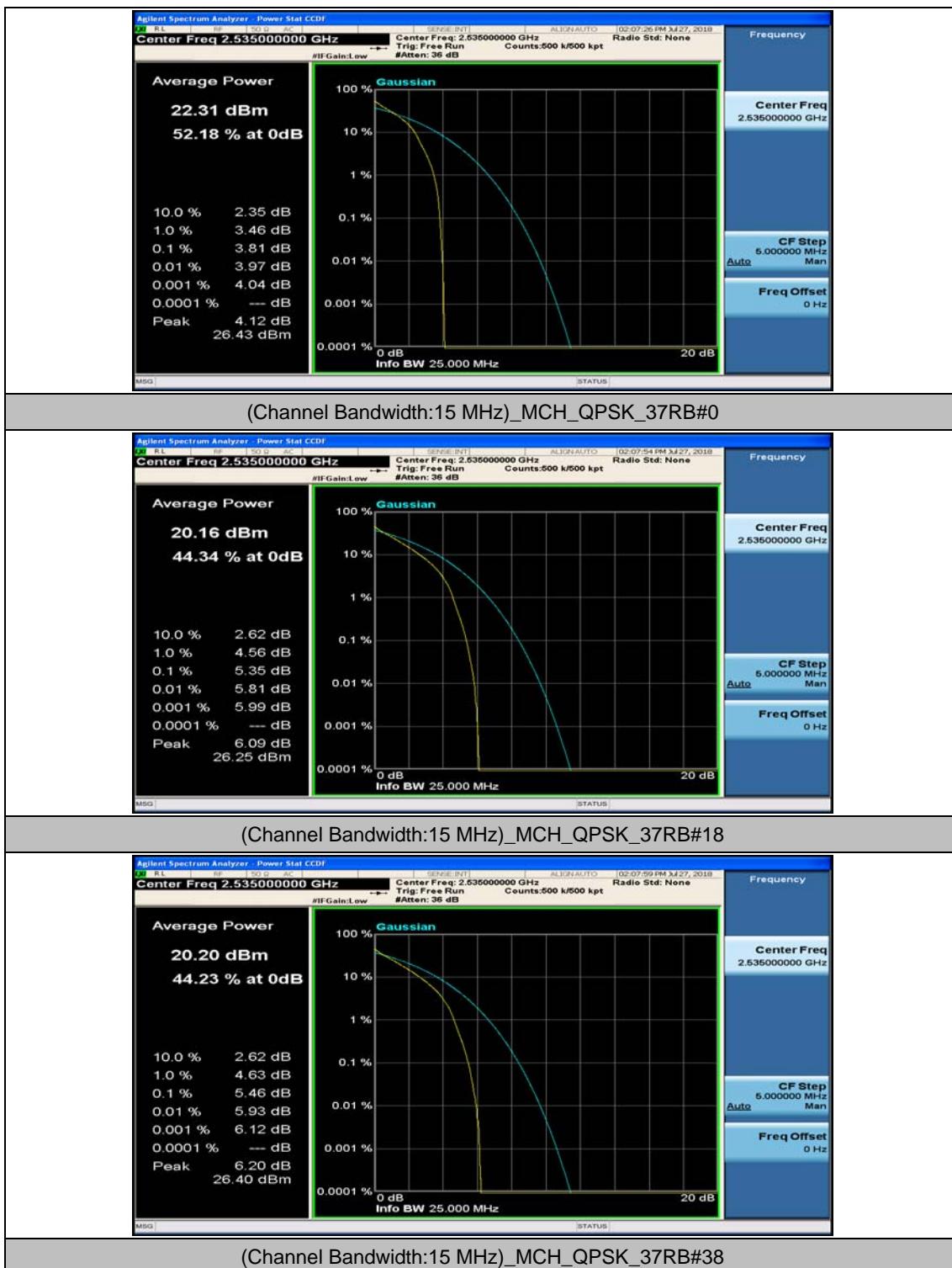
## Channel Bandwidth: 15 MHz

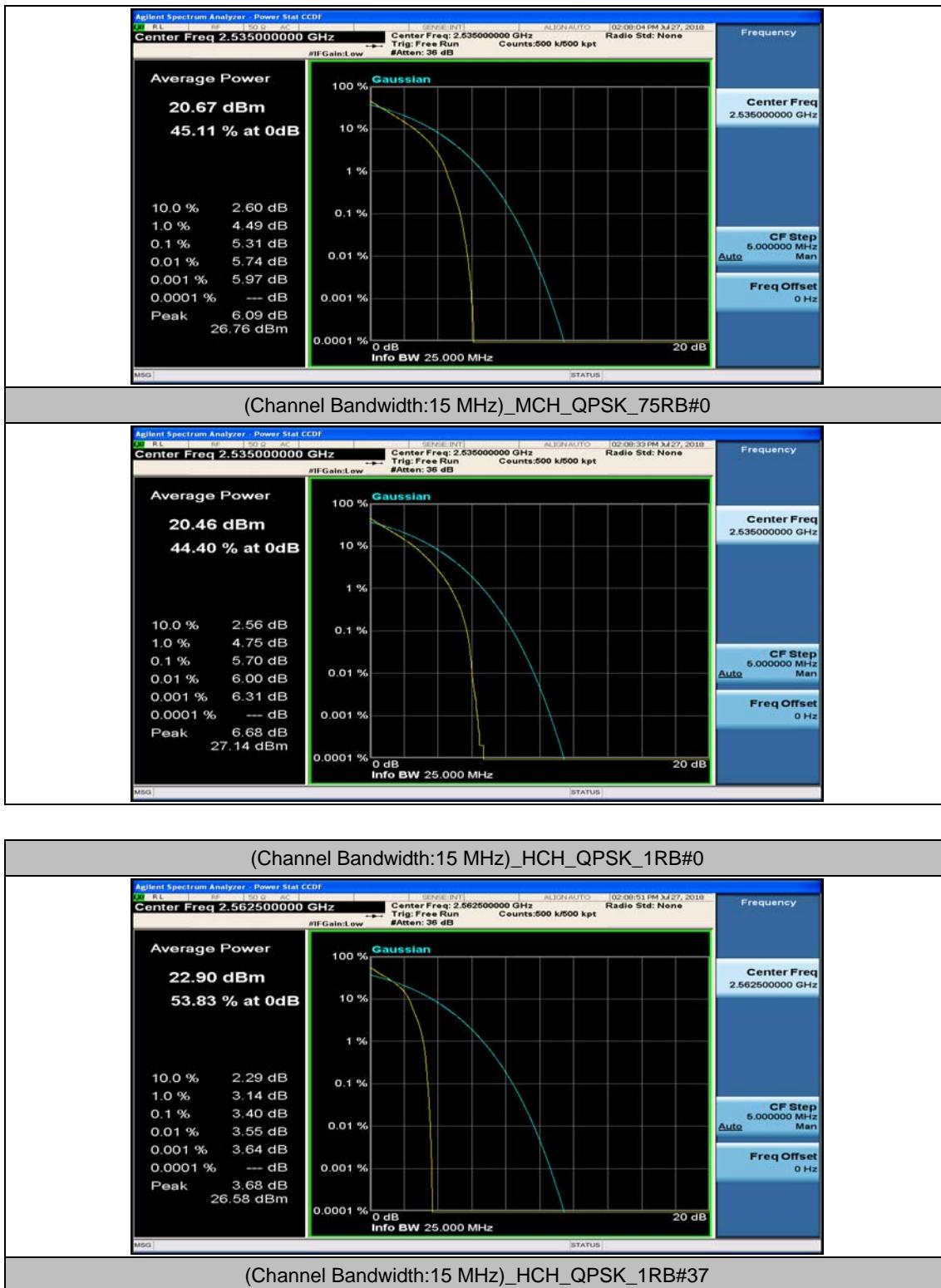


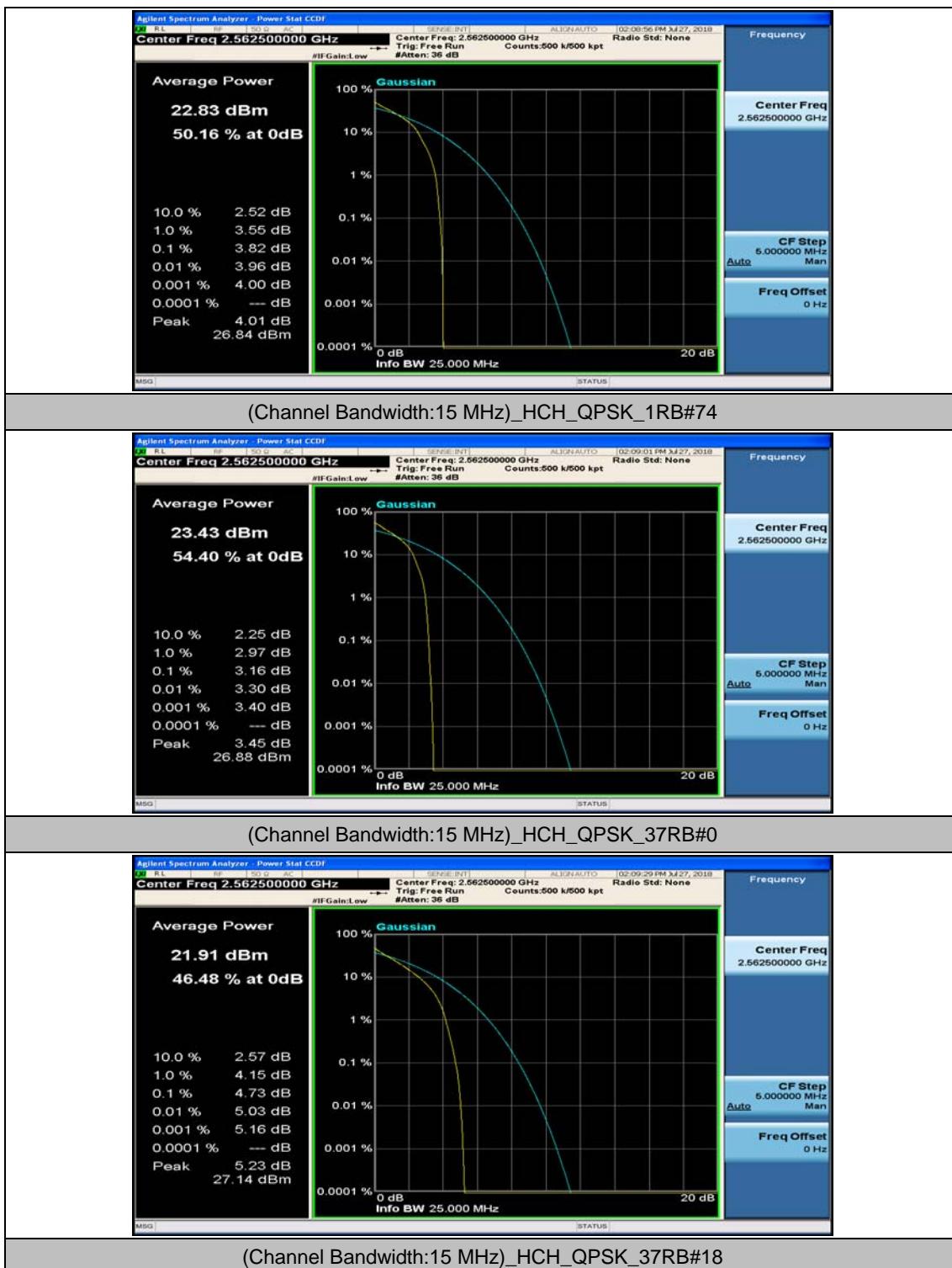


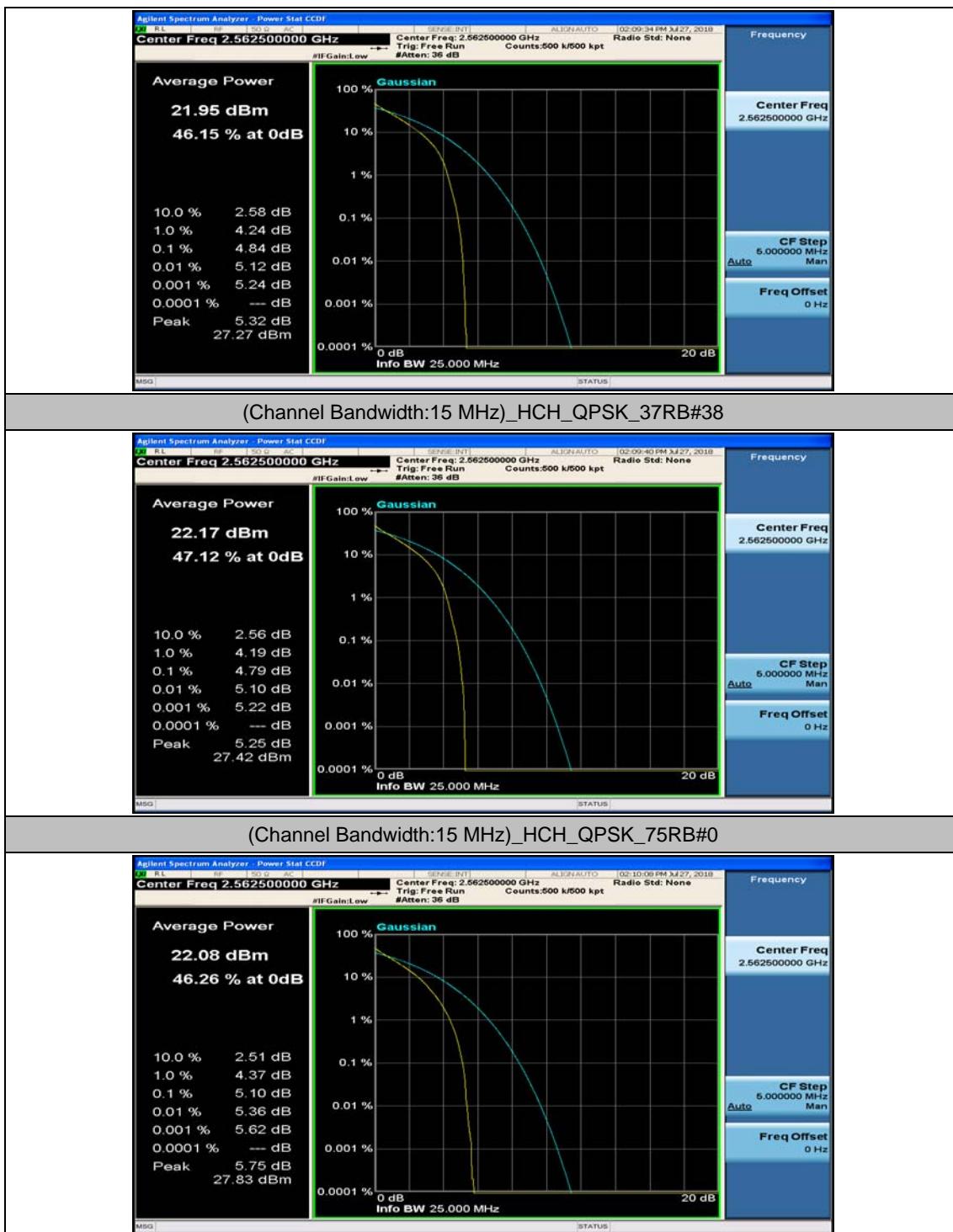


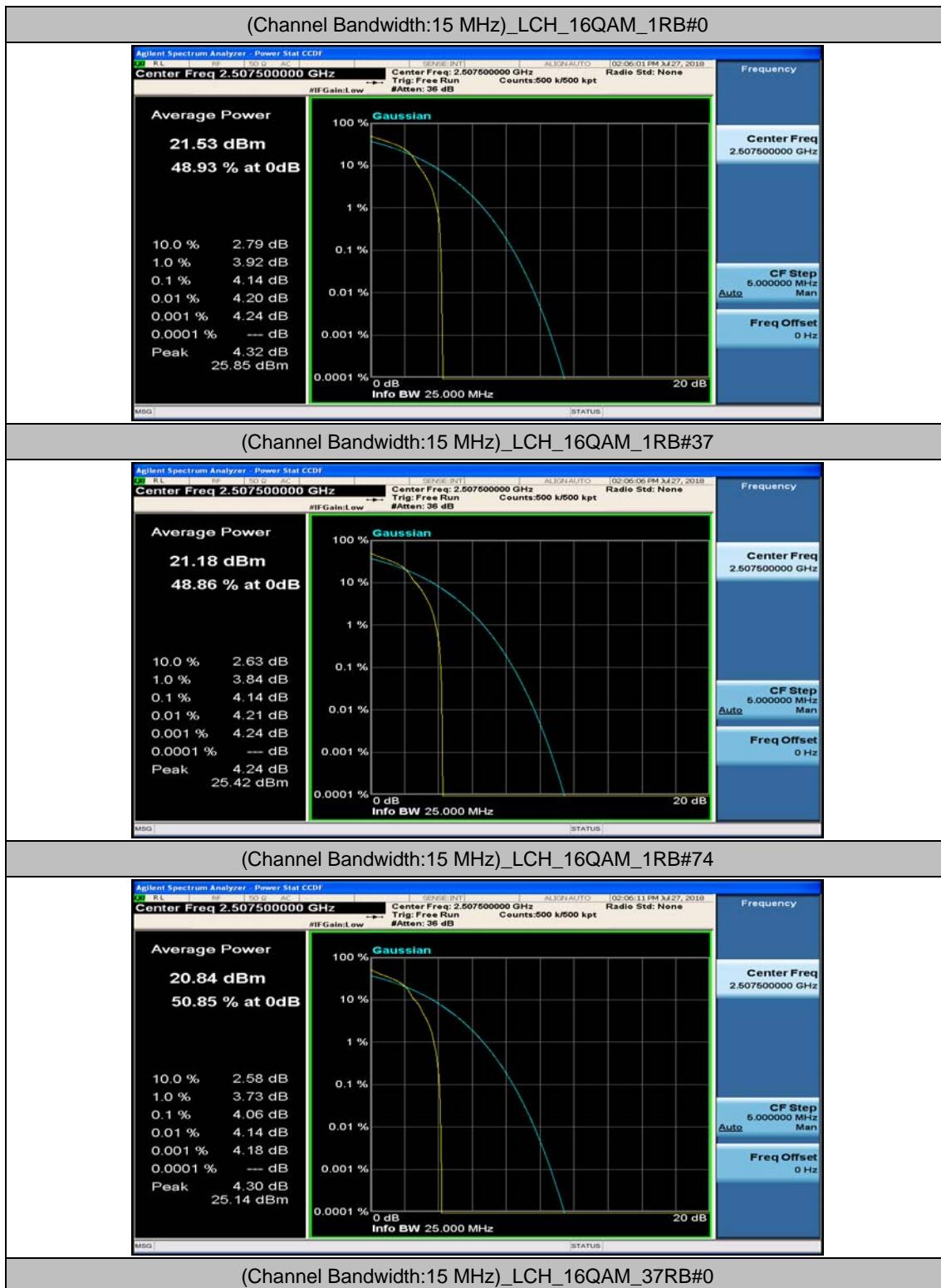
(Channel Bandwidth:15 MHz)\_MCH\_QPSK\_1RB#74

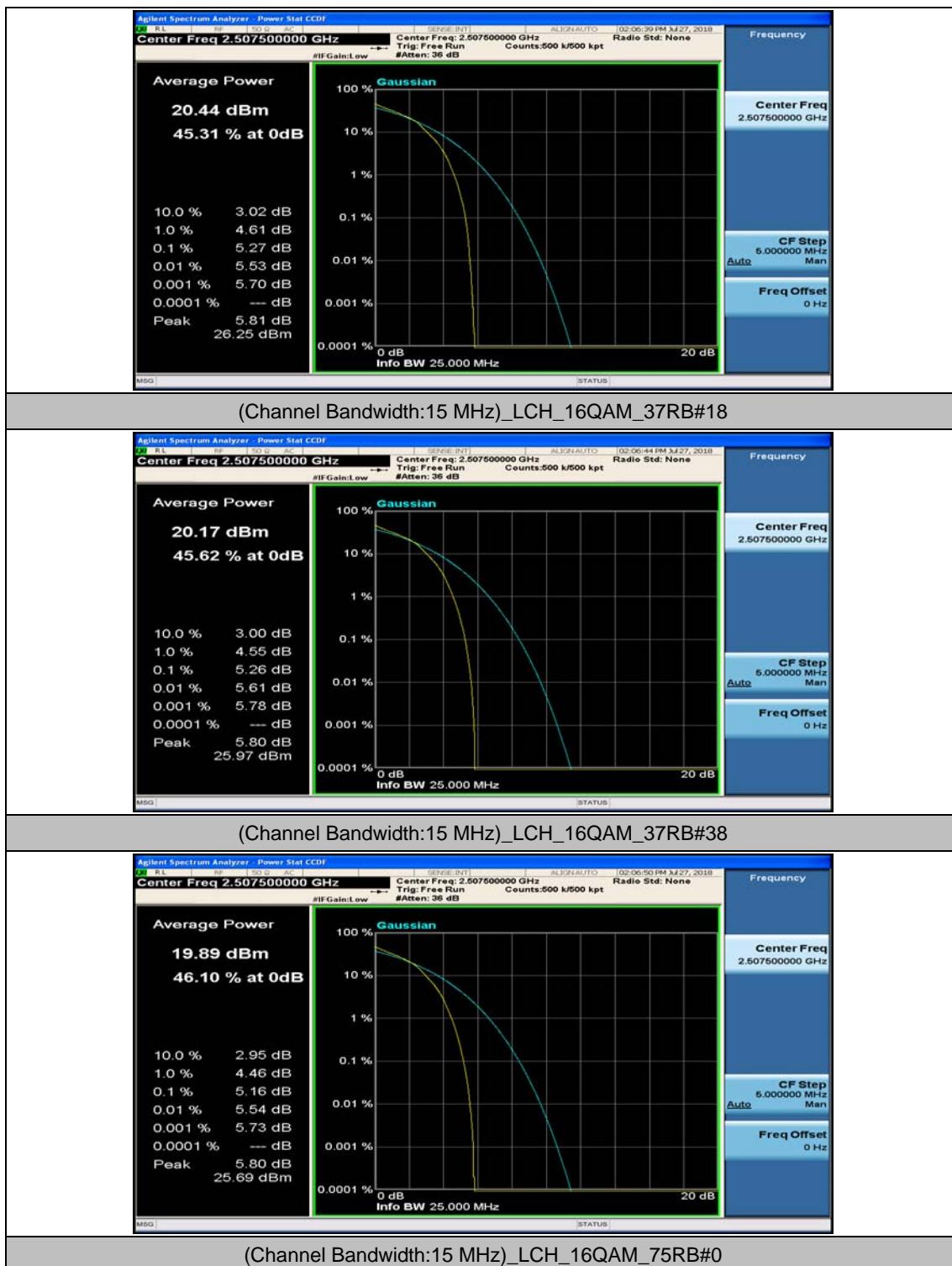


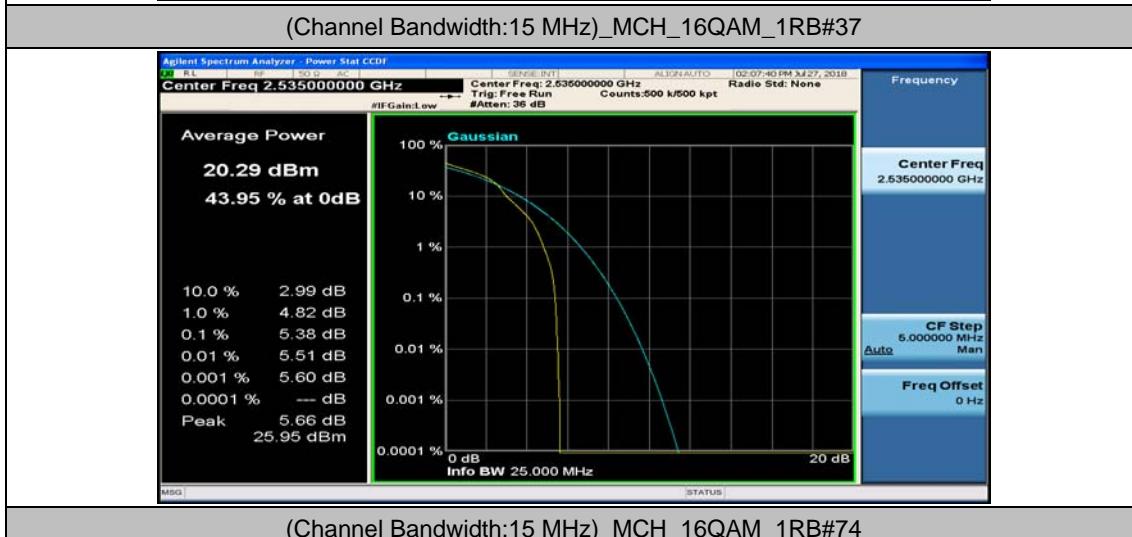
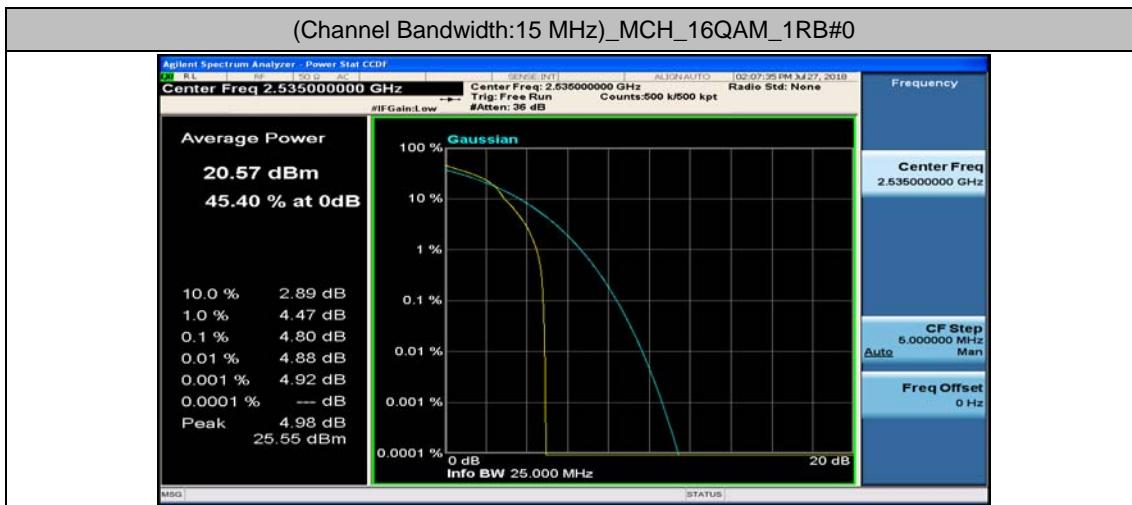
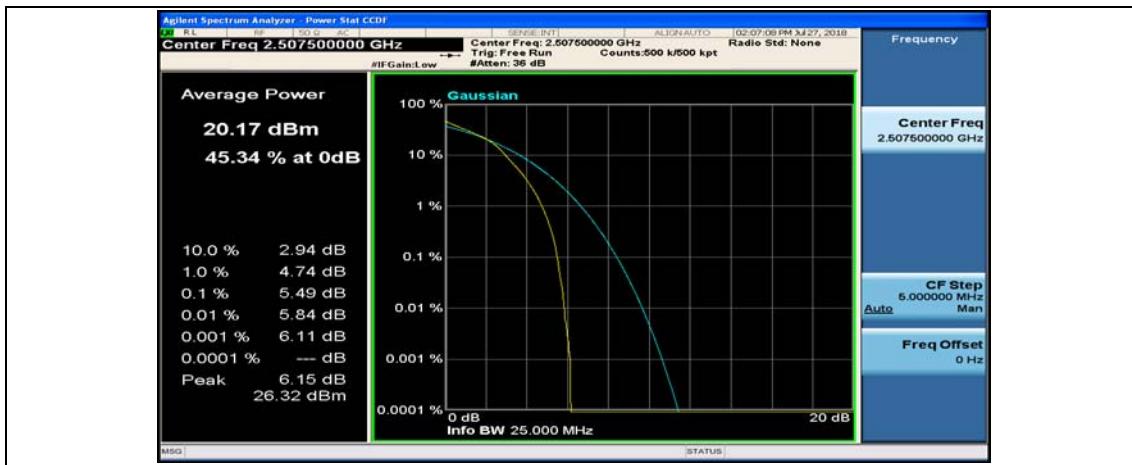












**(Channel Bandwidth:15 MHz)\_MCH\_16QAM\_1RB#74**

