

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	23.73	PASS
		1	12	23.75	PASS
		1	24	23.4	PASS
		12	0	22.86	PASS
		12	6	22.81	PASS
		12	13	22.94	PASS
		25	0	22.83	PASS
	MCH	1	0	22.78	PASS
		1	12	22.68	PASS
		1	24	22.79	PASS
		12	0	22.12	PASS
		12	6	21.91	PASS
		12	13	21.89	PASS
		25	0	21.92	PASS
16QAM	HCH	1	0	23.77	PASS
		1	12	23.54	PASS
		1	24	23.26	PASS
		12	0	22.15	PASS
		12	6	21.96	PASS
		12	13	21.93	PASS
		25	0	21.96	PASS
	LCH	1	0	22.69	PASS
		1	12	22.55	PASS
		1	24	22.86	PASS
		12	0	21.85	PASS
		12	6	21	PASS
		12	13	21.25	PASS
		25	0	21.32	PASS
	MCH	1	0	22.17	PASS
		1	12	22.72	PASS
		1	24	22.87	PASS

		12	0	22.43	PASS
		12	6	22.27	PASS
		12	13	22.27	PASS
		25	0	22.21	PASS
HCH	HCH	1	0	22.21	PASS
		1	12	21.73	PASS
		1	24	21.82	PASS
		12	0	21.48	PASS
		12	6	21.31	PASS
		12	13	21.29	PASS
		25	0	21.32	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.57	PASS
		1	24	23.81	PASS
		1	49	23.64	PASS
		25	0	22.6	PASS
		25	12	22.67	PASS
		25	25	22.65	PASS
		50	0	22.52	PASS
	MCH	1	0	22.54	PASS
		1	24	22.69	PASS
		1	49	22.95	PASS
		25	0	22.03	PASS
		25	12	22.52	PASS
		25	25	22.66	PASS
		50	0	21.82	PASS
	HCH	1	0	22.82	PASS
		1	24	22.79	PASS
		1	49	22.89	PASS
		25	0	22.46	PASS
		25	12	22.2	PASS
		25	25	21.96	PASS
		50	0	22.17	PASS
16QAM	LCH	1	0	23.14	PASS
		1	24	23.4	PASS
		1	49	23.22	PASS
		25	0	21.75	PASS
		25	12	21.84	PASS
		25	25	21.83	PASS

		50	0	21.82	PASS
MCH	MCH	1	0	21.79	PASS
		1	24	21.75	PASS
		1	49	21.54	PASS
		25	0	21.29	PASS
		25	12	21.11	PASS
		25	25	21.97	PASS
		50	0	21.14	PASS
HCH	HCH	1	0	22.36	PASS
		1	24	21.96	PASS
		1	49	21.76	PASS
		25	0	21.78	PASS
		25	12	21.58	PASS
		25	25	21.35	PASS
		50	0	21.56	PASS

Channel Bandwidth: 15 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.65	PASS
		1	37	23.74	PASS
		1	74	23.31	PASS
		37	0	22.56	PASS
		37	18	22.55	PASS
		37	38	23.39	PASS
		75	0	23.49	PASS
	MCH	1	0	23.07	PASS
		1	37	23.71	PASS
		1	74	23.29	PASS
		37	0	22.17	PASS
		37	18	21.68	PASS
		37	38	21.6	PASS
		75	0	21.87	PASS
16QAM	HCH	1	0	22.85	PASS
		1	37	22.53	PASS
		1	74	22.92	PASS
		37	0	22.82	PASS
		37	18	22.48	PASS
		37	38	22.03	PASS
		75	0	22.41	PASS
		1	0	23.2	PASS
		1	37	23.3	PASS

		1	74	22.91	PASS
		37	0	21.72	PASS
		37	18	21.75	PASS
		37	38	21.62	PASS
		75	0	21.74	PASS
	MCH	1	0	22.69	PASS
		1	37	21.66	PASS
		1	74	21.76	PASS
		37	0	21.39	PASS
		37	18	21.49	PASS
		37	38	21.94	PASS
		75	0	21.16	PASS
	HCH	1	0	22.52	PASS
		1	37	22.12	PASS
		1	74	22.49	PASS
		37	0	22.14	PASS
		37	18	21.84	PASS
		37	38	21.44	PASS
		75	0	21.78	PASS

Channel Bandwidth: 20 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	24.25	PASS
		1	49	24.13	PASS
		1	99	24.38	PASS
		50	0	22.53	PASS
		50	25	23.4	PASS
		50	50	23.1	PASS
		100	0	23.35	PASS
QPSK	MCH	1	0	24.28	PASS
		1	49	24.26	PASS
		1	99	23.78	PASS
		50	0	22.21	PASS
		50	25	22.32	PASS
		50	50	22.65	PASS
		100	0	22.98	PASS
QPSK	HCH	1	0	23.98	PASS
		1	49	23.77	PASS
		1	99	23.85	PASS
		50	0	22.91	PASS
		50	25	22.72	PASS

		50	50	22.2	PASS
		100	0	22.56	PASS
16QAM	LCH	1	0	23.18	PASS
		1	49	23.2	PASS
		1	99	22.4	PASS
		50	0	21.67	PASS
		50	25	21.56	PASS
		50	50	22.27	PASS
		100	0	22.49	PASS
	MCH	1	0	21.83	PASS
		1	49	21.73	PASS
		1	99	21.96	PASS
		50	0	20.63	PASS
		50	25	21.1	PASS
		50	50	21.98	PASS
		100	0	21.27	PASS
	HCH	1	0	22.09	PASS
		1	49	22.33	PASS
		1	99	22.05	PASS
		50	0	21.95	PASS
		50	25	22.11	PASS
		50	50	21.62	PASS
		100	0	21.91	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	1.63	<13	PASS
		1	12	1.92	<13	PASS
		1	24	1.83	<13	PASS
		12	0	2.71	<13	PASS
		12	6	2.86	<13	PASS
		12	13	2.86	<13	PASS
		25	0	2.82	<13	PASS
	MCH	1	0	2.03	<13	PASS
		1	12	2.23	<13	PASS
		1	24	2.12	<13	PASS
		12	0	3.2	<13	PASS
		12	6	3.32	<13	PASS
		12	13	3.3	<13	PASS
		25	0	3.29	<13	PASS
16QAM	LCH	1	0	1.86	<13	PASS
		1	12	2	<13	PASS
		1	24	1.68	<13	PASS
		12	0	3.1	<13	PASS
		12	6	3.14	<13	PASS
		12	13	2.99	<13	PASS
		25	0	3.11	<13	PASS
	MCH	1	0	2.28	<13	PASS
		1	12	2.54	<13	PASS
		1	24	2.49	<13	PASS
		12	0	3.54	<13	PASS
		12	6	3.65	<13	PASS
		12	13	3.64	<13	PASS
		25	0	3.68	<13	PASS

		12	13	3.98	<13	PASS
		25	0	4.12	<13	PASS
HCH	1	0	2.4	<13	PASS	
	1	12	2.61	<13	PASS	
	1	24	2.25	<13	PASS	
	12	0	3.86	<13	PASS	
	12	6	3.88	<13	PASS	
	12	13	3.74	<13	PASS	
	25	0	3.91	<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	2.02	<13	PASS
		1	24	2.14	<13	PASS
		1	49	2.17	<13	PASS
		25	0	3.04	<13	PASS
		25	12	3.1	<13	PASS
		25	25	3.1	<13	PASS
		50	0	3.04	<13	PASS
	MCH	1	0	2.12	<13	PASS
		1	24	2.25	<13	PASS
		1	49	2.38	<13	PASS
		25	0	3.27	<13	PASS
		25	12	3.4	<13	PASS
		25	25	3.49	<13	PASS
		50	0	3.37	<13	PASS
	HCH	1	0	1.78	<13	PASS
		1	24	2.09	<13	PASS
		1	49	2.1	<13	PASS
		25	0	2.88	<13	PASS
		25	12	3.09	<13	PASS
		25	25	3.15	<13	PASS
		50	0	3.02	<13	PASS
16QAM	LCH	1	0	2.66	<13	PASS
		1	24	2.81	<13	PASS
		1	49	2.86	<13	PASS
		25	0	3.89	<13	PASS
		25	12	3.94	<13	PASS
		25	25	3.93	<13	PASS

		50	0	3.93	<13	PASS
MCH	1	0	2.89	<13	PASS	
	1	24	3.01	<13	PASS	
	1	49	3.11	<13	PASS	
	25	0	4.07	<13	PASS	
	25	12	4.16	<13	PASS	
	25	25	4.25	<13	PASS	
	50	0	4.19	<13	PASS	
HCH	1	0	2.39	<13	PASS	
	1	24	2.68	<13	PASS	
	1	49	2.65	<13	PASS	
	25	0	3.68	<13	PASS	
	25	12	3.87	<13	PASS	
	25	25	3.9	<13	PASS	
	50	0	3.81	<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	1.99	<13	PASS
		1	37	2.16	<13	PASS
		1	74	1.84	<13	PASS
		37	0	3.06	<13	PASS
		37	18	3.1	<13	PASS
		37	38	2.89	<13	PASS
		75	0	3.45	<13	PASS
QPSK	MCH	1	0	1.8	<13	PASS
		1	37	2.29	<13	PASS
		1	74	2.12	<13	PASS
		37	0	3.14	<13	PASS
		37	18	3.42	<13	PASS
		37	38	3.52	<13	PASS
		75	0	3.79	<13	PASS
QPSK	HCH	1	0	1.35	<13	PASS
		1	37	1.95	<13	PASS
		1	74	1.88	<13	PASS
		37	0	2.26	<13	PASS
		37	18	2.78	<13	PASS
		37	38	3.12	<13	PASS
		75	0	3.18	<13	PASS

16QAM	LCH	1	0	2.62	<13	PASS
		1	37	2.89	<13	PASS
		1	74	2.49	<13	PASS
		37	0	3.94	<13	PASS
		37	18	3.98	<13	PASS
		37	38	3.76	<13	PASS
		75	0	4.25	<13	PASS
	MCH	1	0	2.55	<13	PASS
		1	37	2.97	<13	PASS
		1	74	2.88	<13	PASS
		37	0	3.98	<13	PASS
		37	18	4.19	<13	PASS
		37	38	4.29	<13	PASS
		75	0	4.52	<13	PASS
	HCH	1	0	1.94	<13	PASS
		1	37	2.57	<13	PASS
		1	74	2.52	<13	PASS
		37	0	3.05	<13	PASS
		37	18	3.52	<13	PASS
		37	38	3.85	<13	PASS
		75	0	3.87	<13	PASS

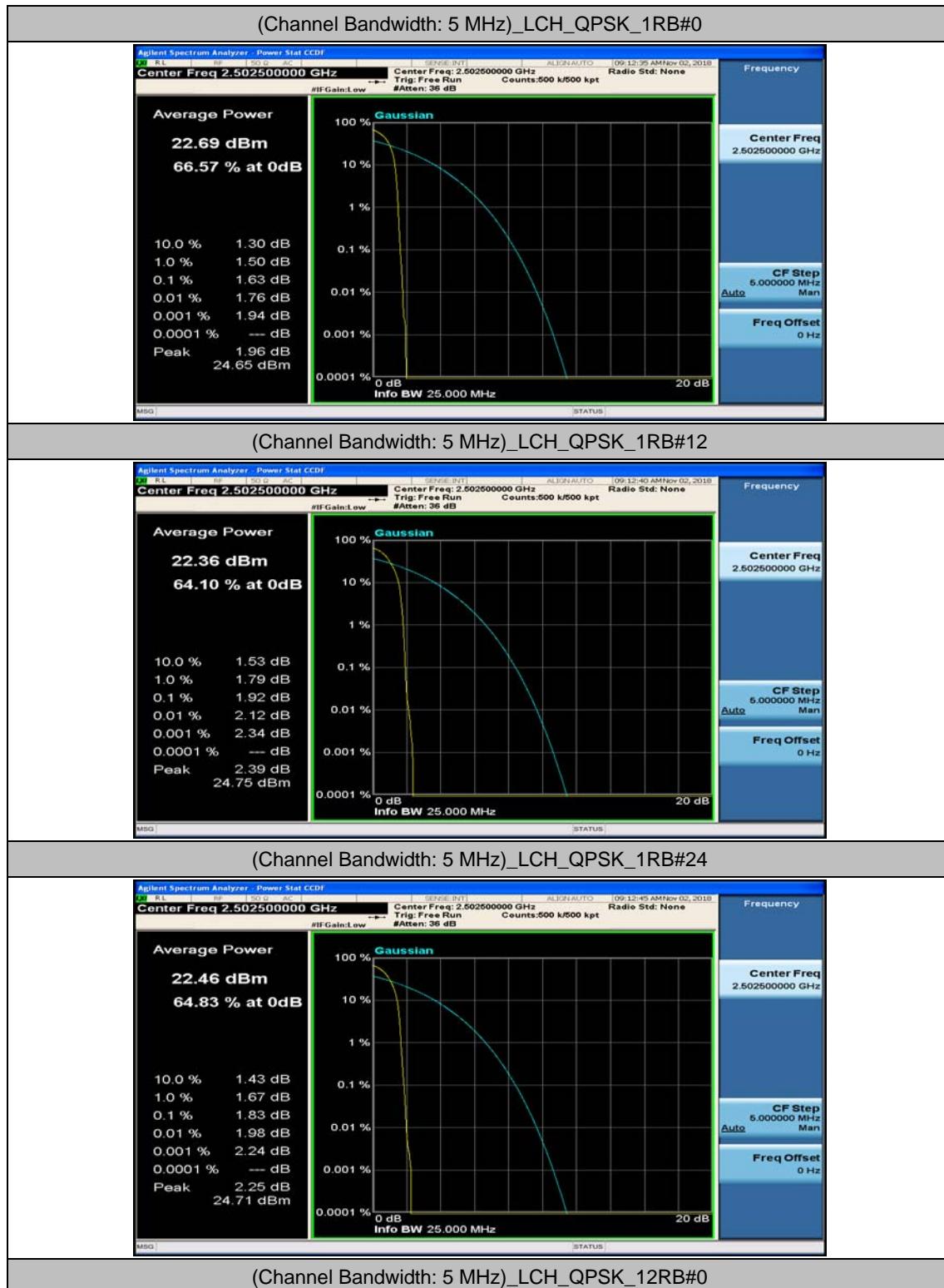
Channel Bandwidth: 20 MHz

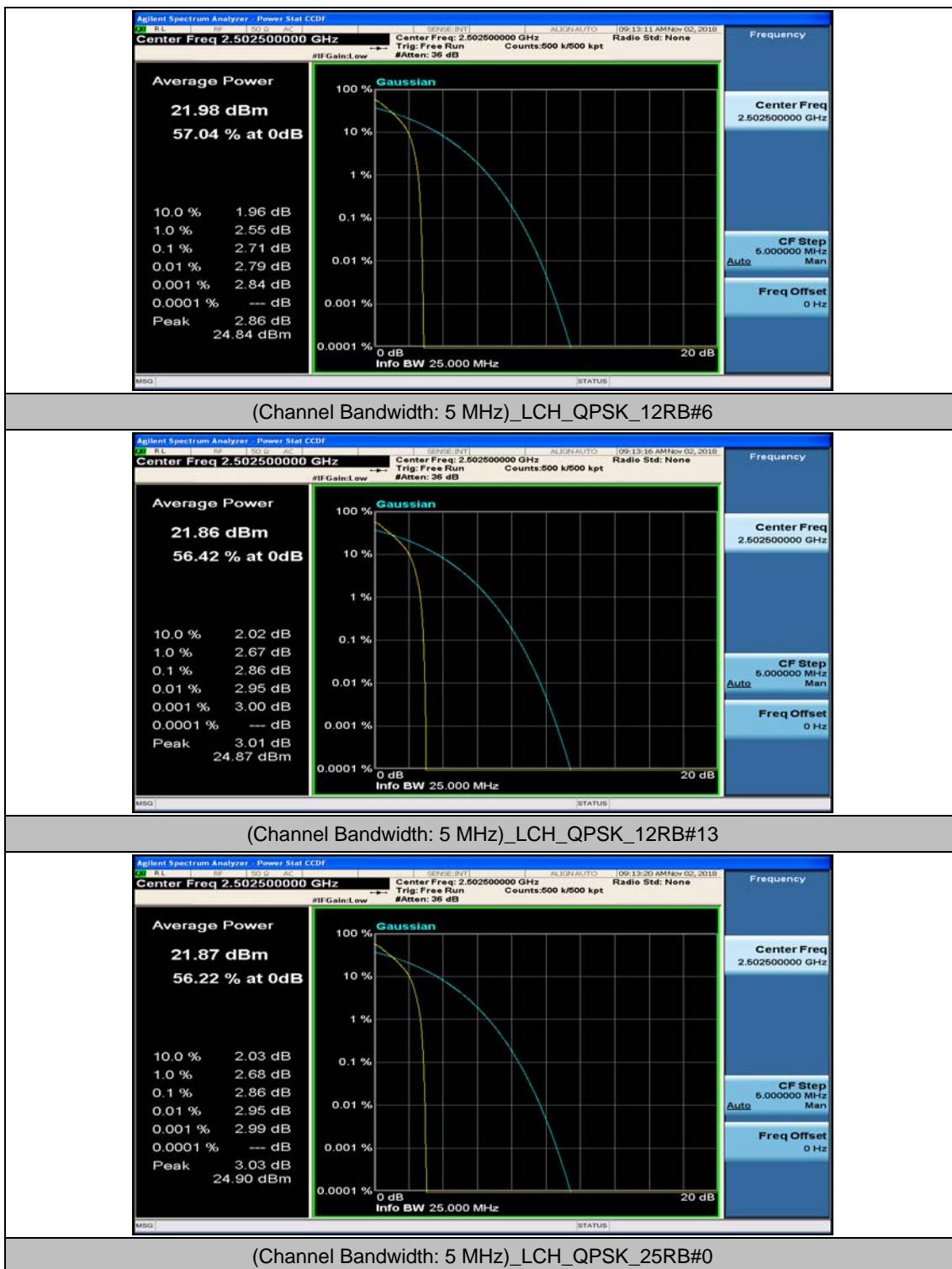
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
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		1	49	2.01	<13	PASS
		1	99	1.72	<13	PASS
		50	0	3.2	<13	PASS
		50	25	2.92	<13	PASS
		50	50	2.8	<13	PASS
		100	0	3.75	<13	PASS
	MCH	1	0	1.75	<13	PASS
		1	49	2.27	<13	PASS
		1	99	2.07	<13	PASS
		50	0	3.23	<13	PASS
		50	25	3.43	<13	PASS
		50	50	3.67	<13	PASS
		100	0	4.1	<13	PASS
	HCH	1	0	1.37	<13	PASS

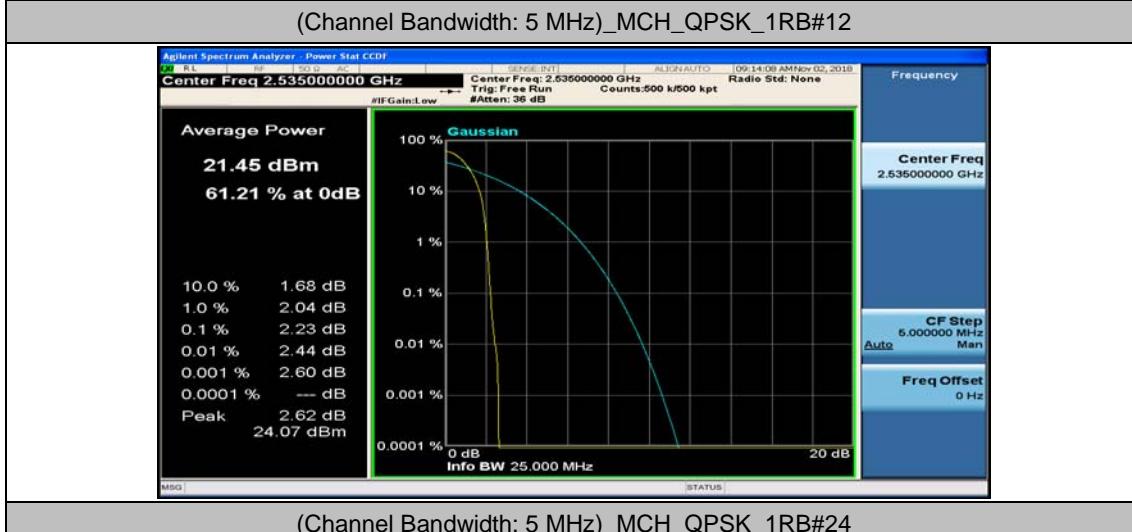
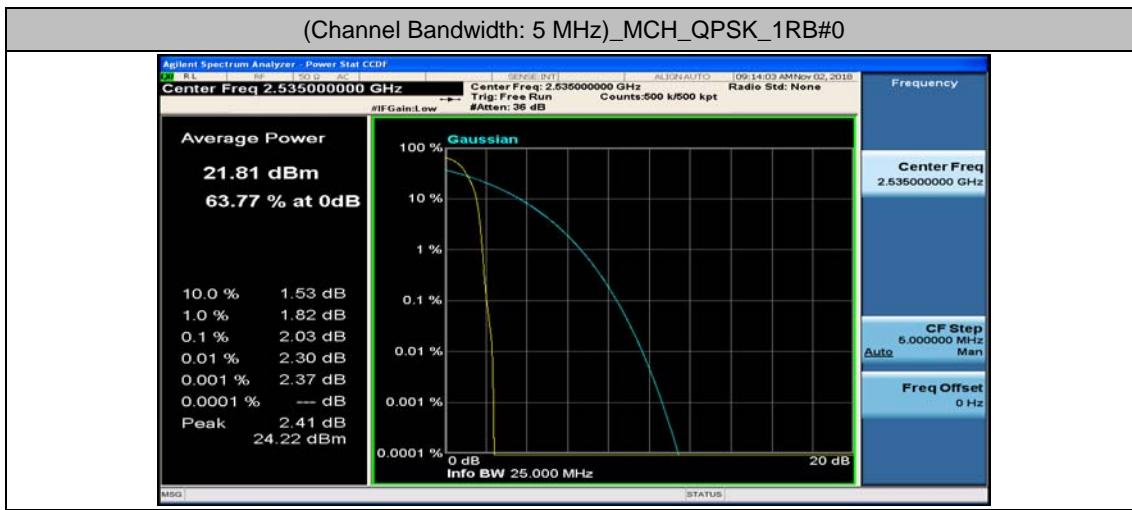
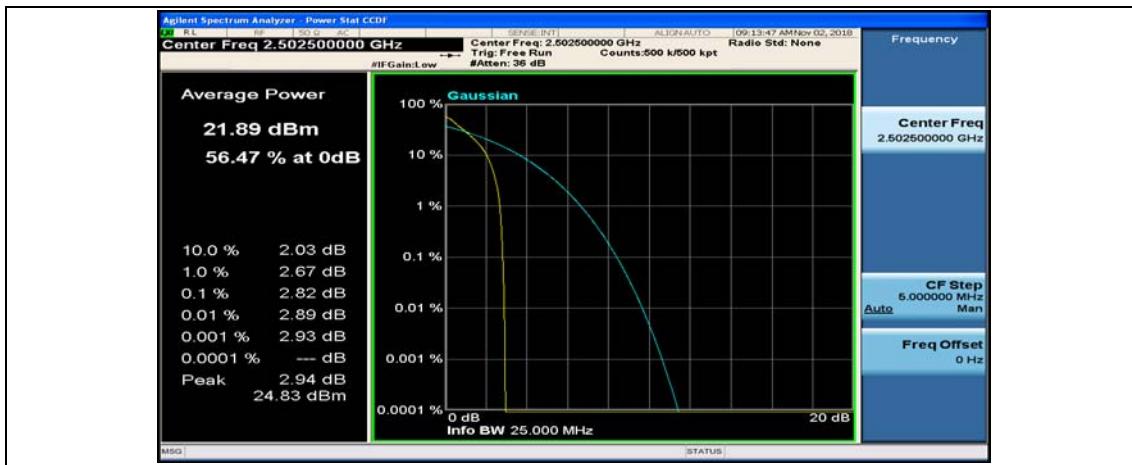
		1	49	1.69	<13	PASS
		1	99	1.93	<13	PASS
		50	0	2.32	<13	PASS
		50	25	2.44	<13	PASS
		50	50	3.15	<13	PASS
		100	0	3.47	<13	PASS
16QAM	LCH	1	0	2.46	<13	PASS
		1	49	2.53	<13	PASS
		1	99	2.26	<13	PASS
		50	0	4.06	<13	PASS
		50	25	3.8	<13	PASS
		50	50	3.6	<13	PASS
		100	0	4.47	<13	PASS
	MCH	1	0	2.38	<13	PASS
		1	49	2.9	<13	PASS
		1	99	2.61	<13	PASS
		50	0	3.96	<13	PASS
		50	25	4.21	<13	PASS
		50	50	4.4	<13	PASS
		100	0	4.72	<13	PASS
	HCH	1	0	1.95	<13	PASS
		1	49	2.2	<13	PASS
		1	99	2.61	<13	PASS
		50	0	3.17	<13	PASS
		50	25	3.2	<13	PASS
		50	50	3.85	<13	PASS
		100	0	4.12	<13	PASS

Test Graphs

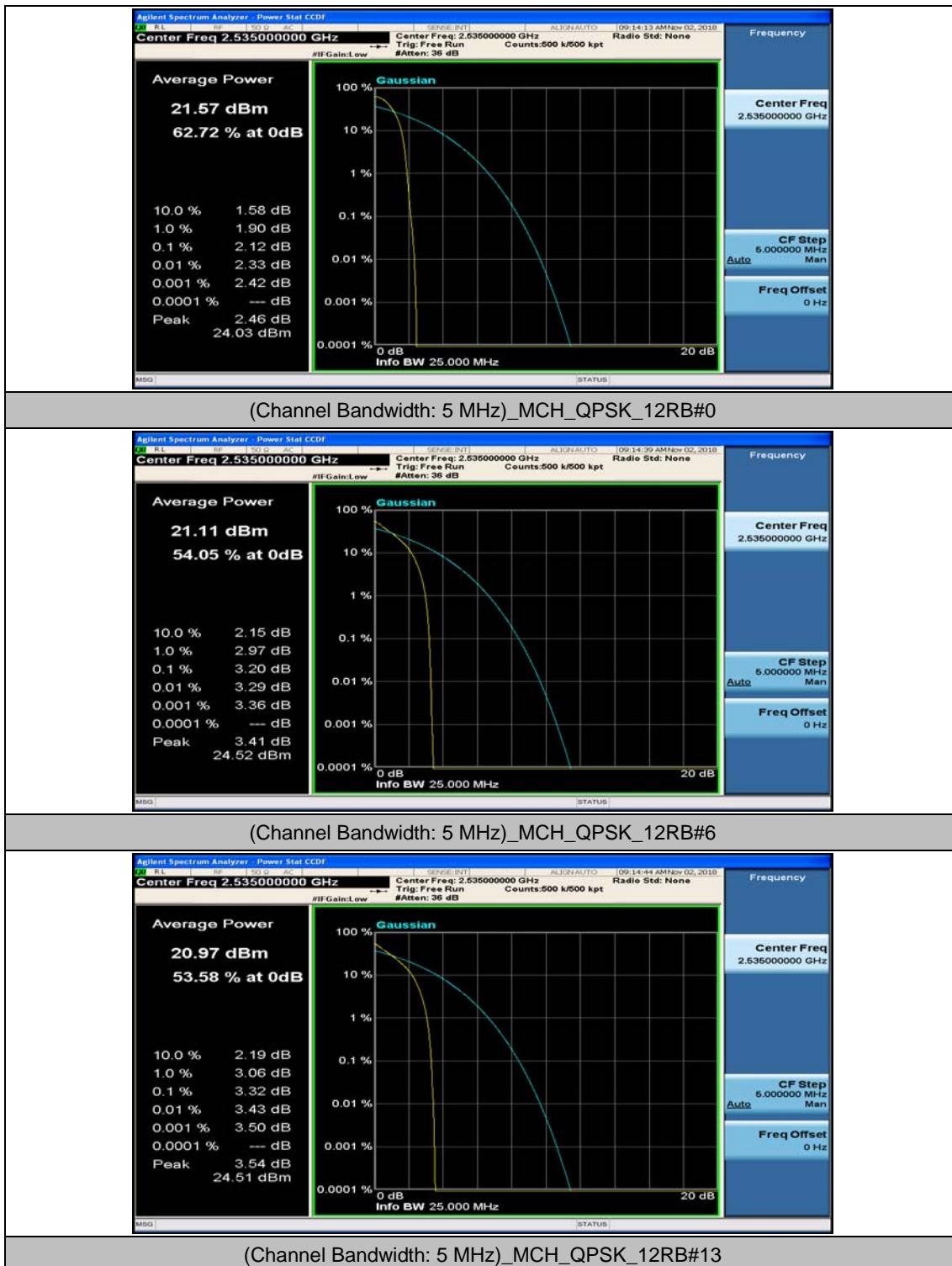
Channel Bandwidth: 5 MHz

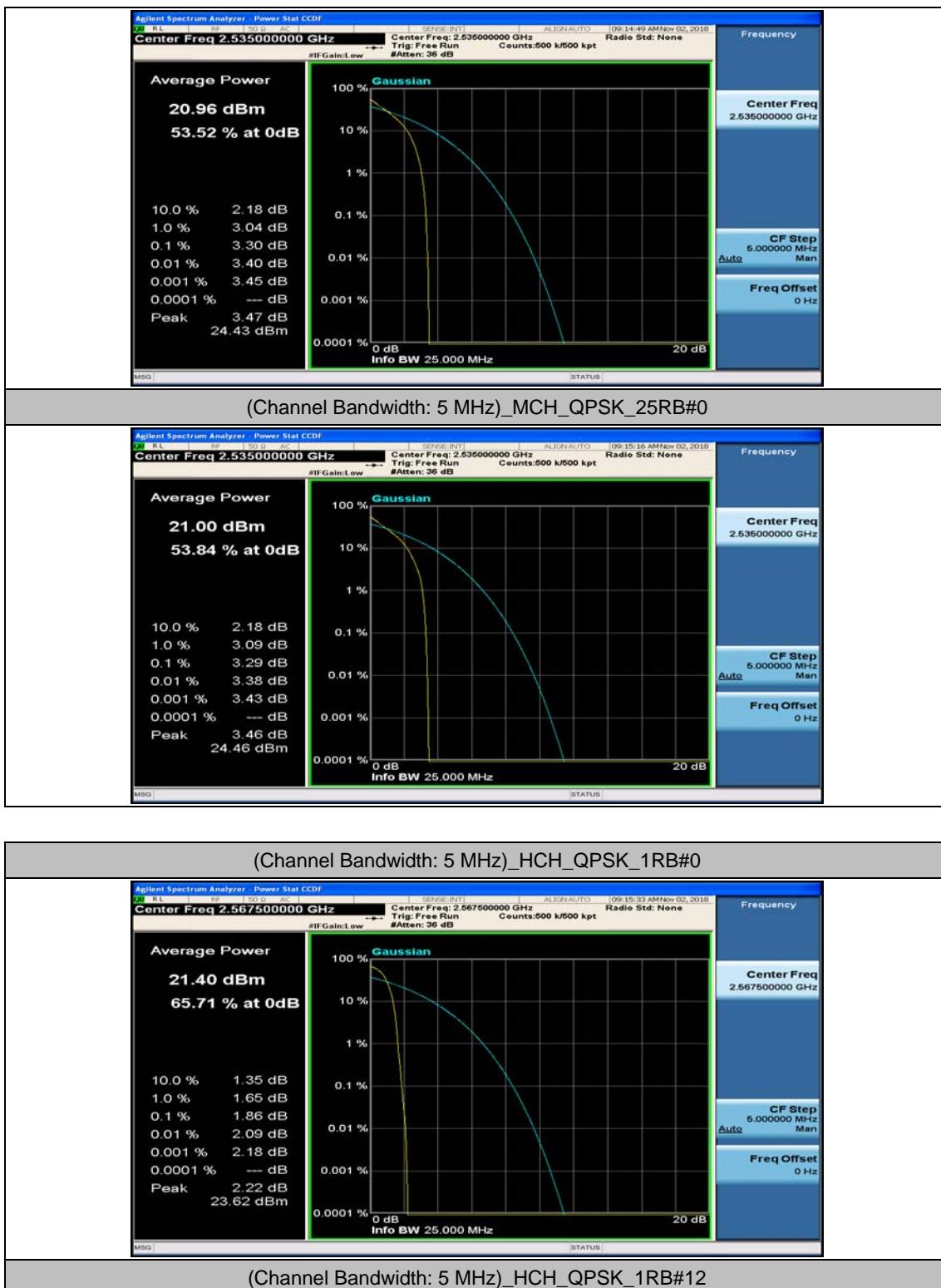


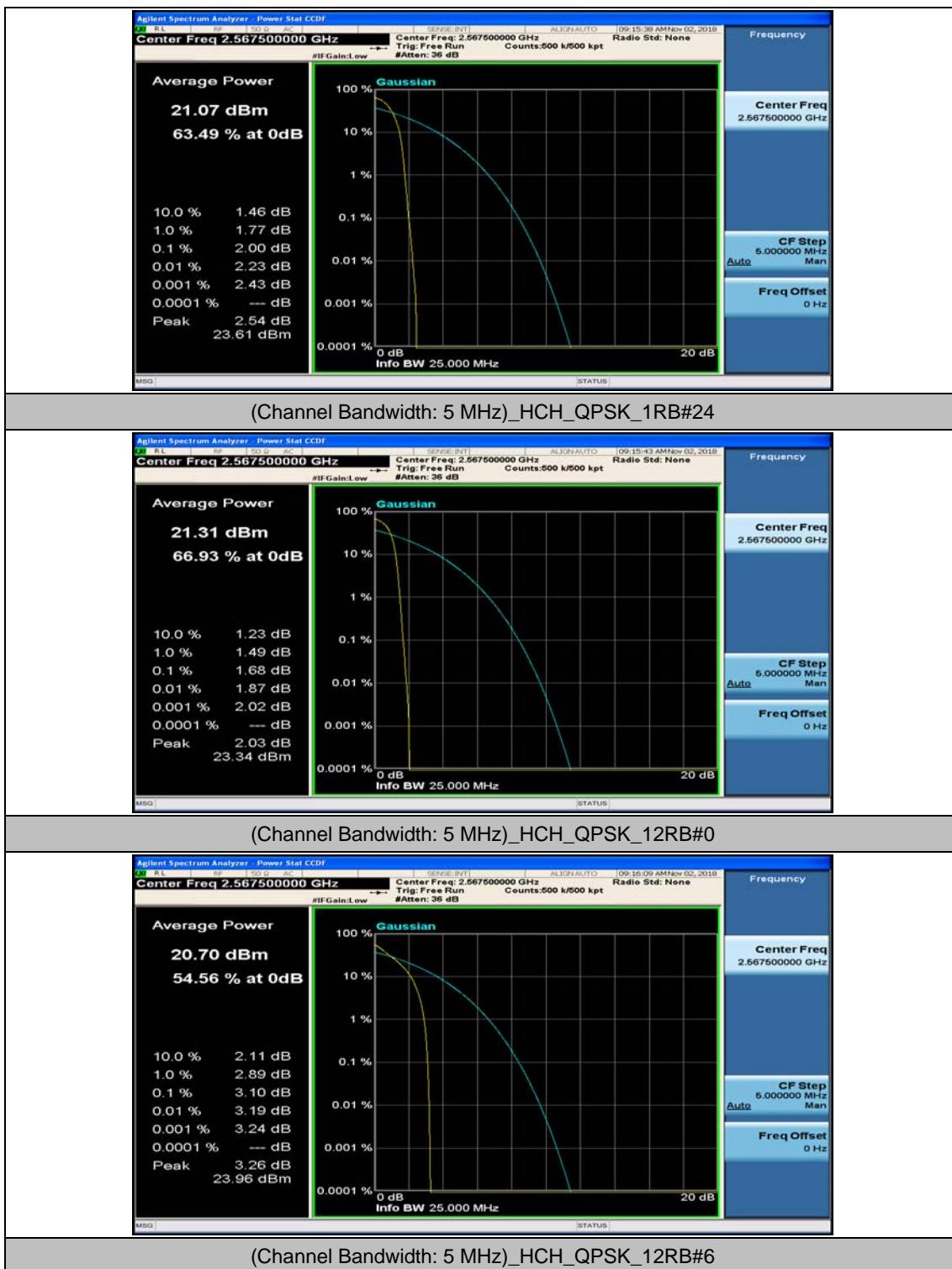


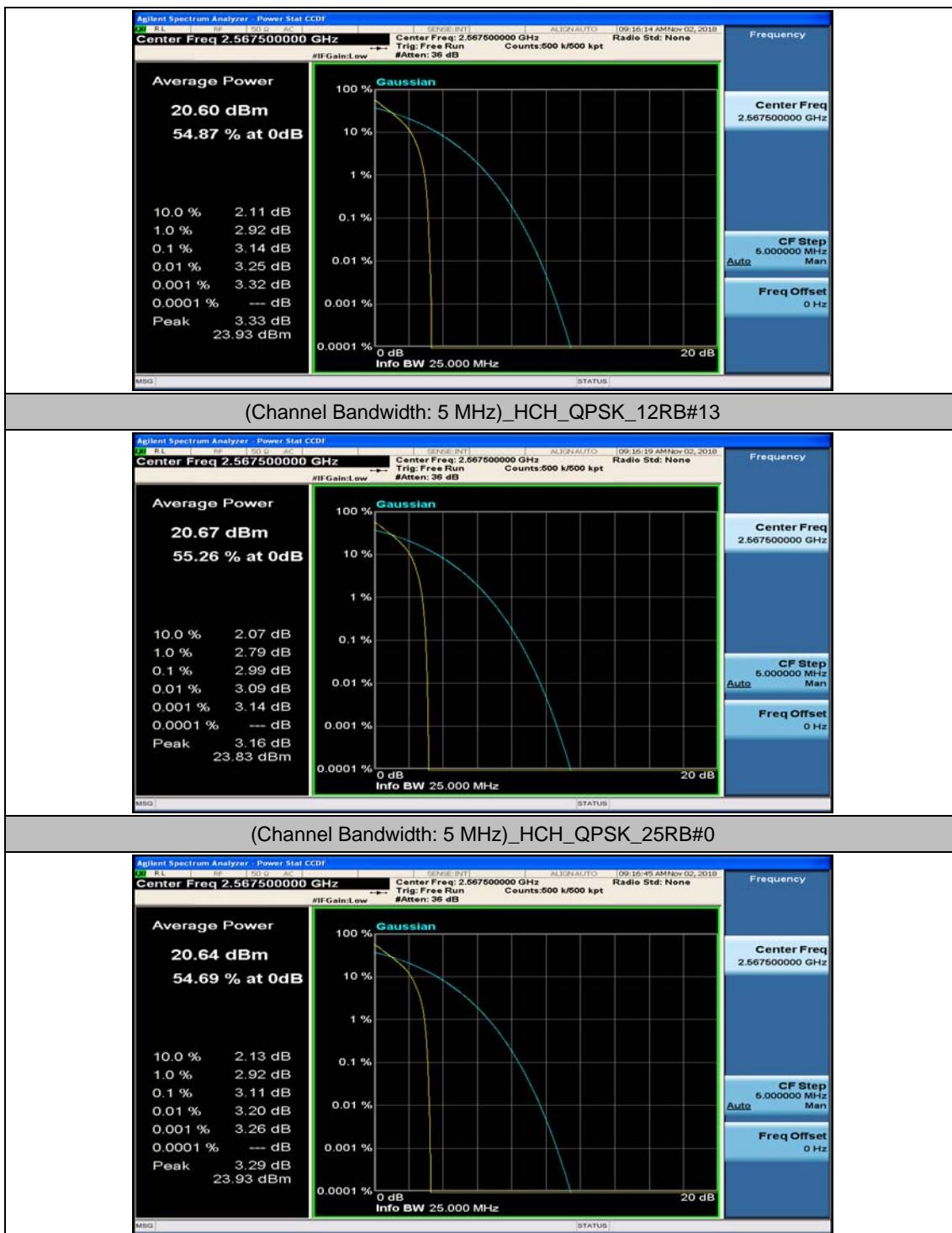


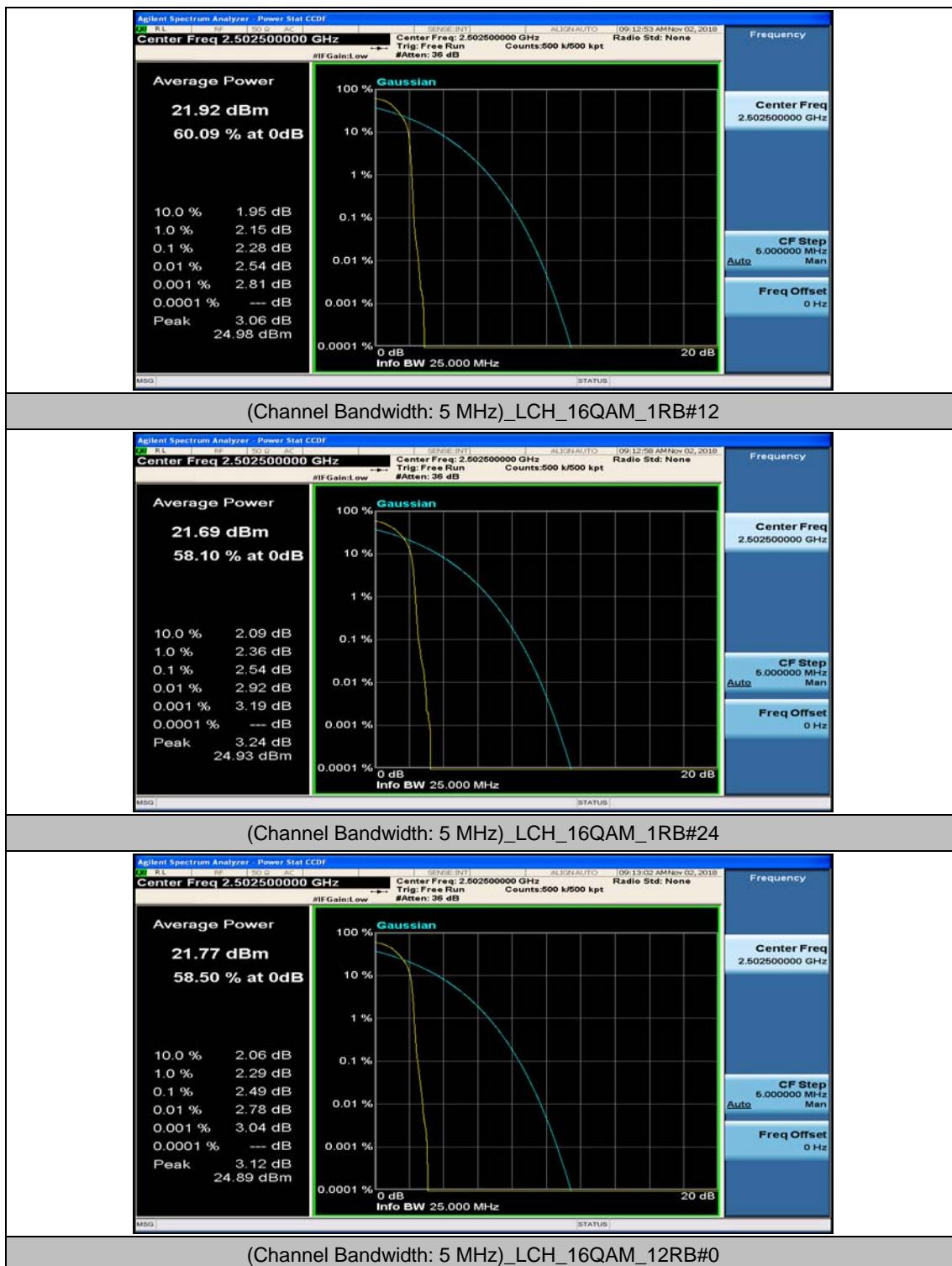
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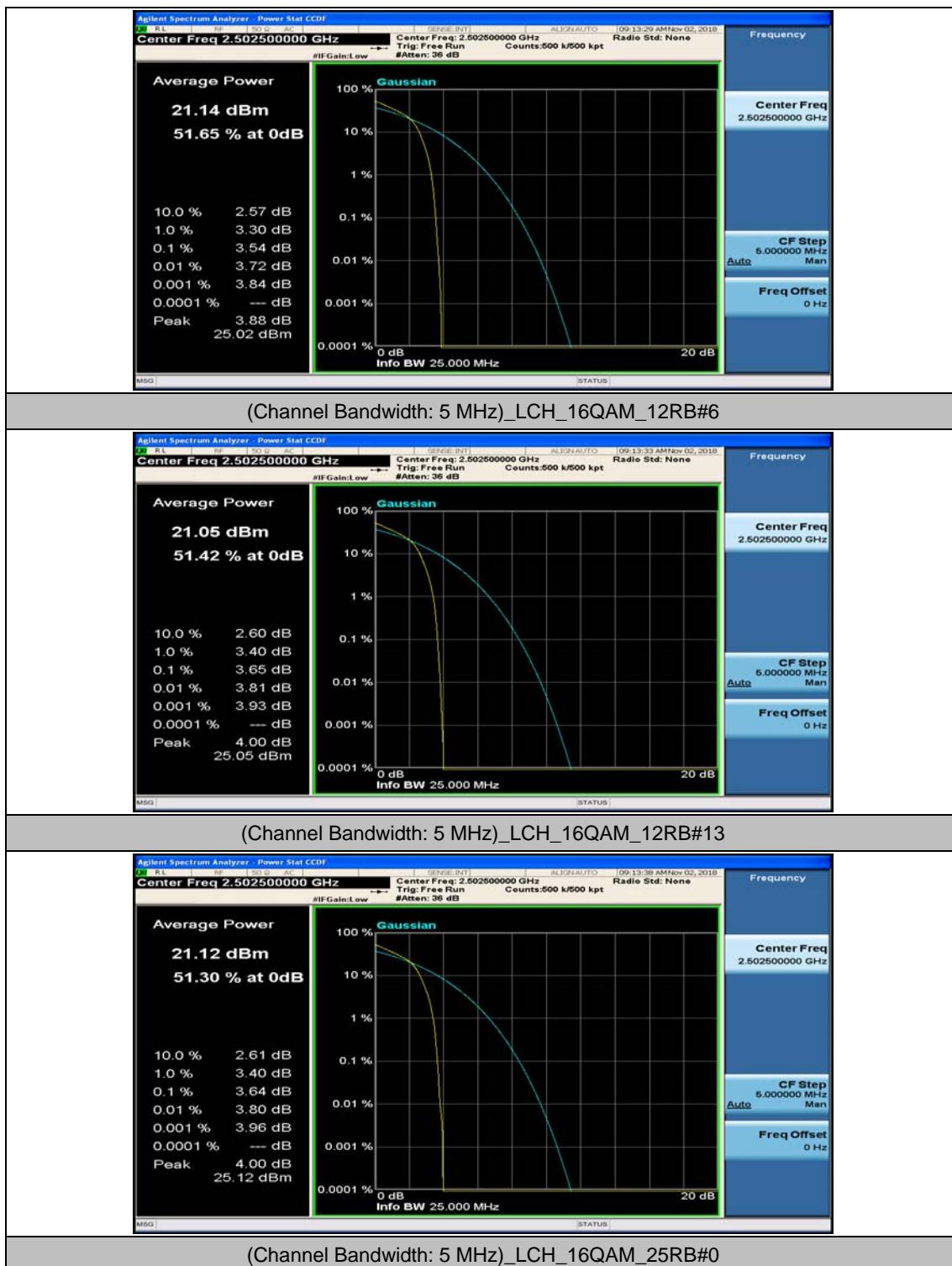


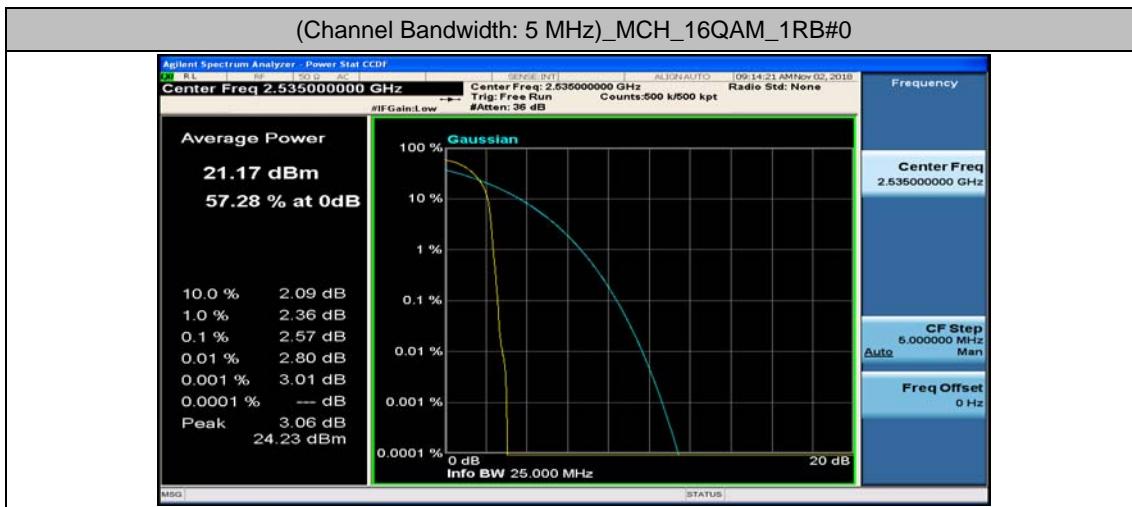
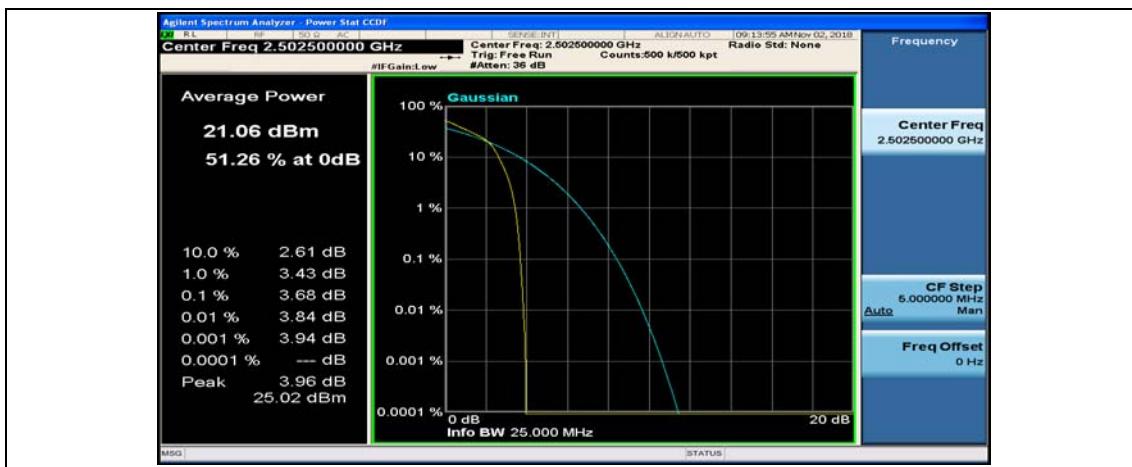


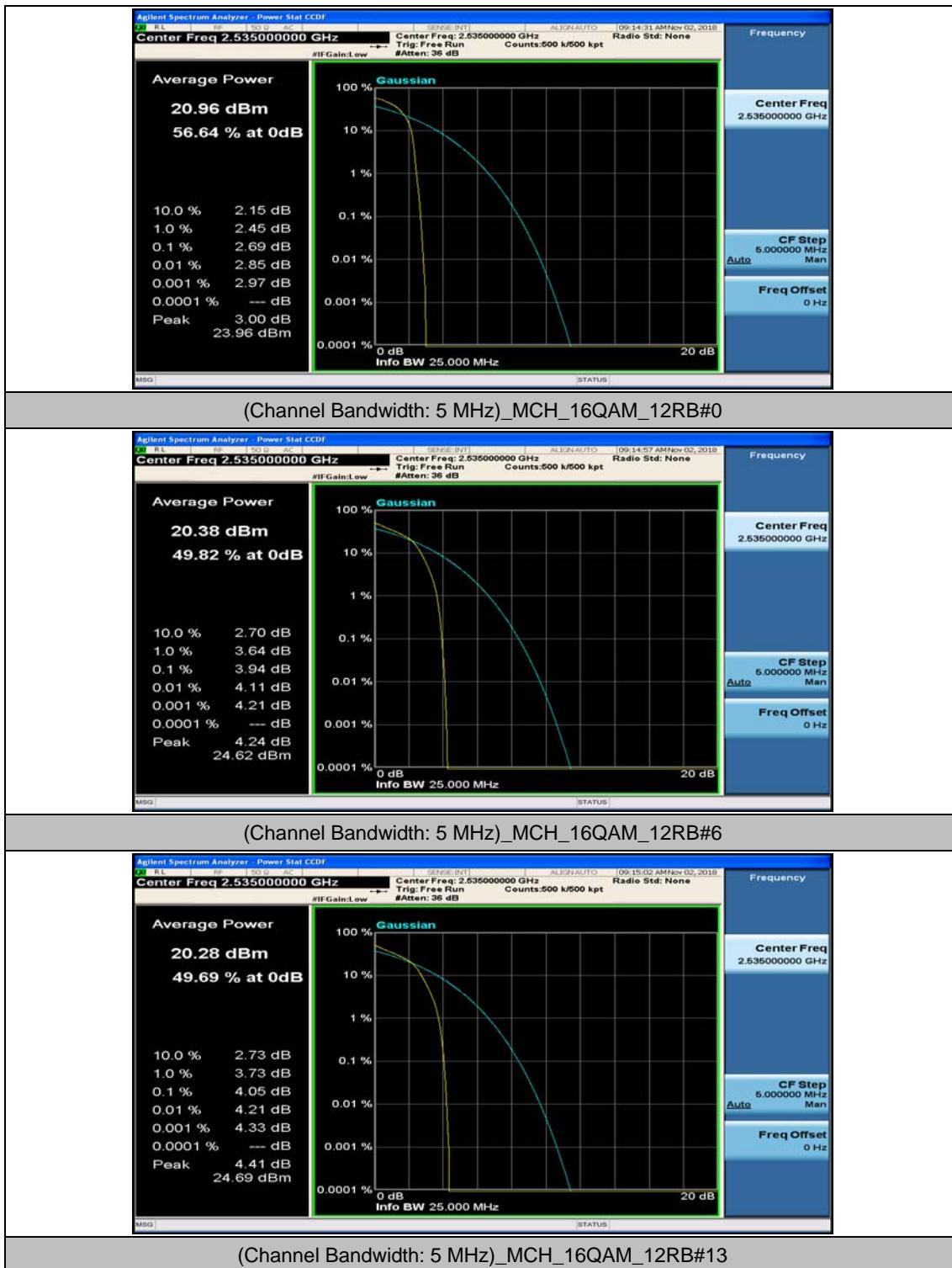


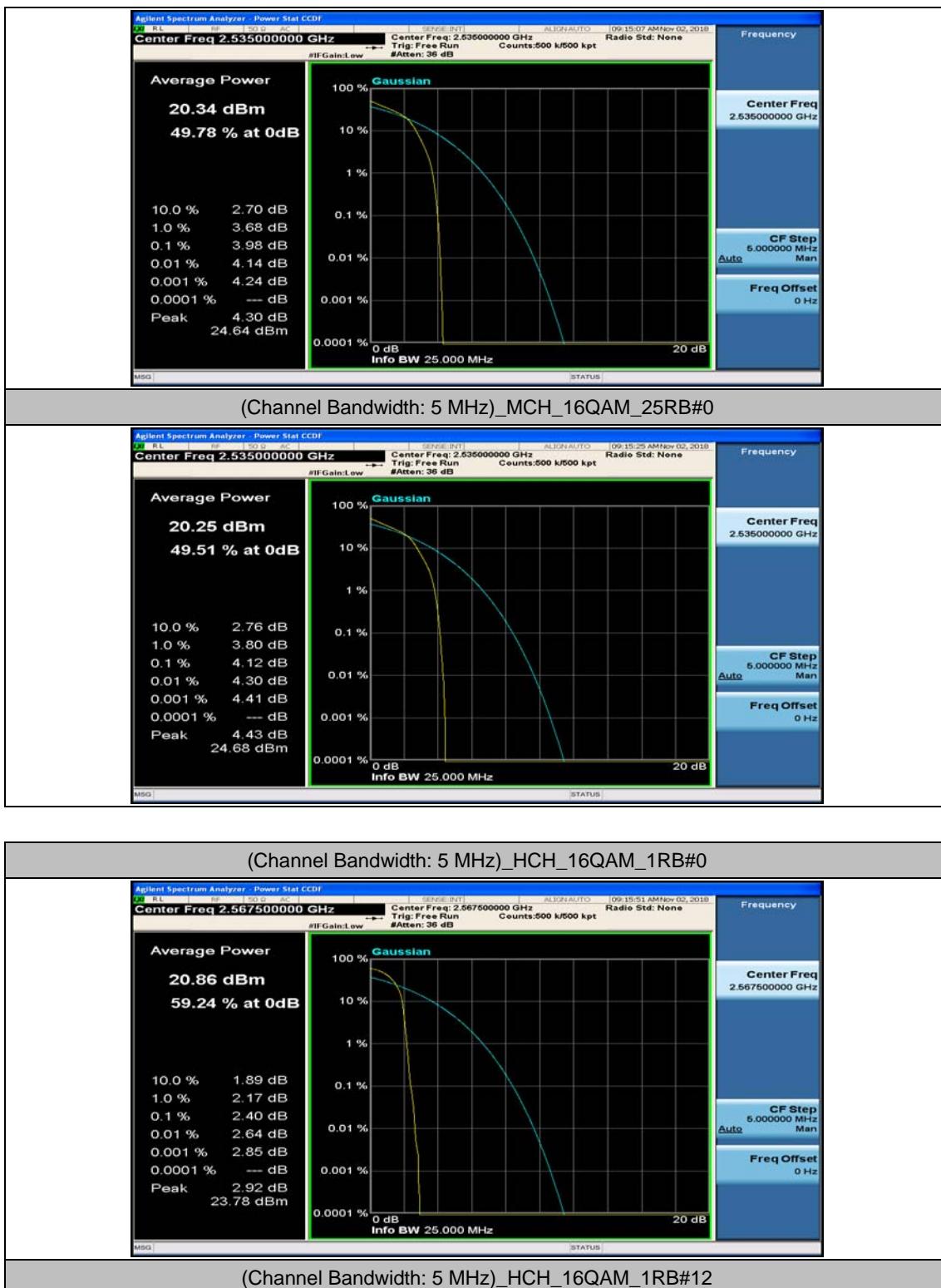


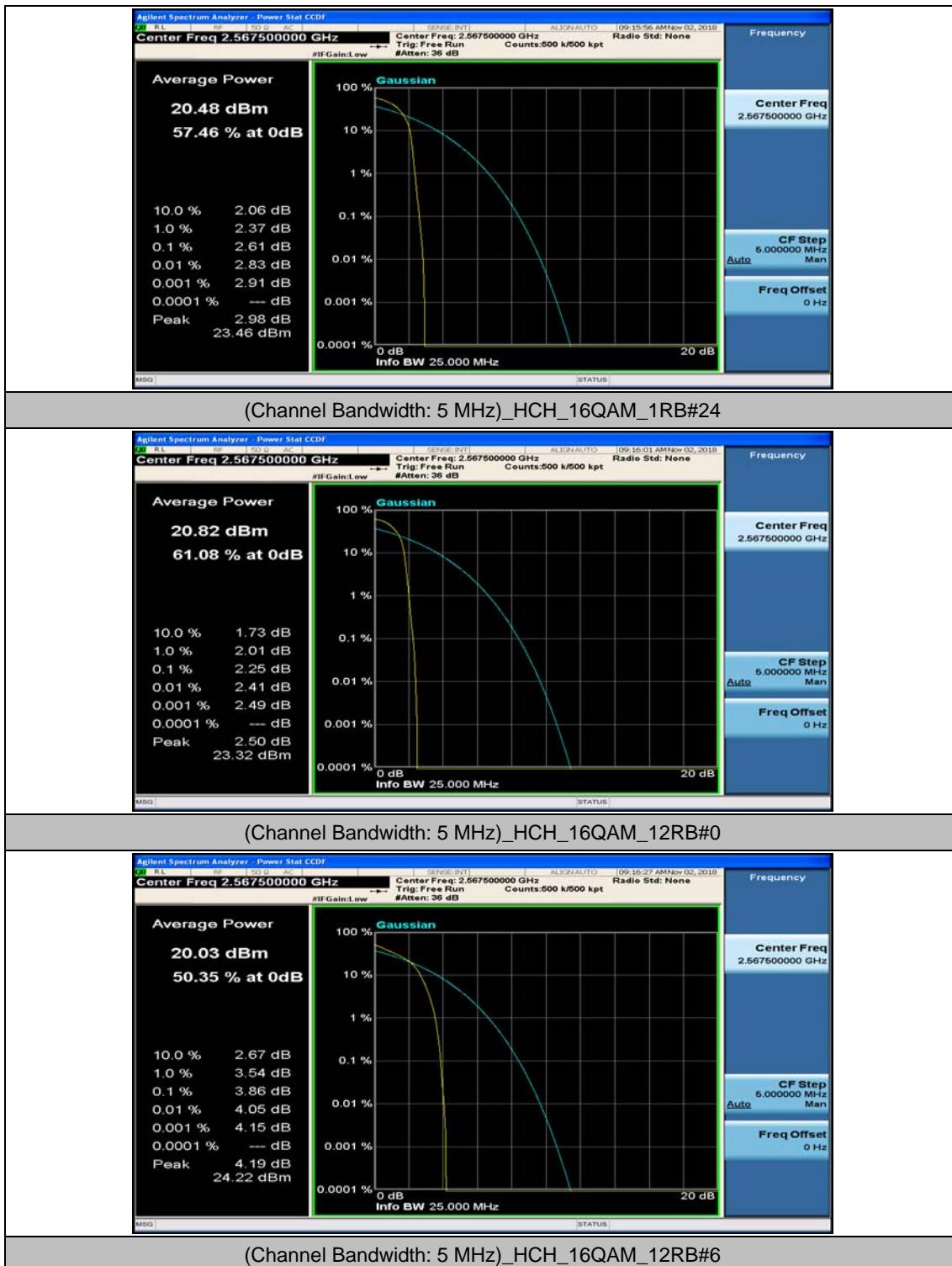


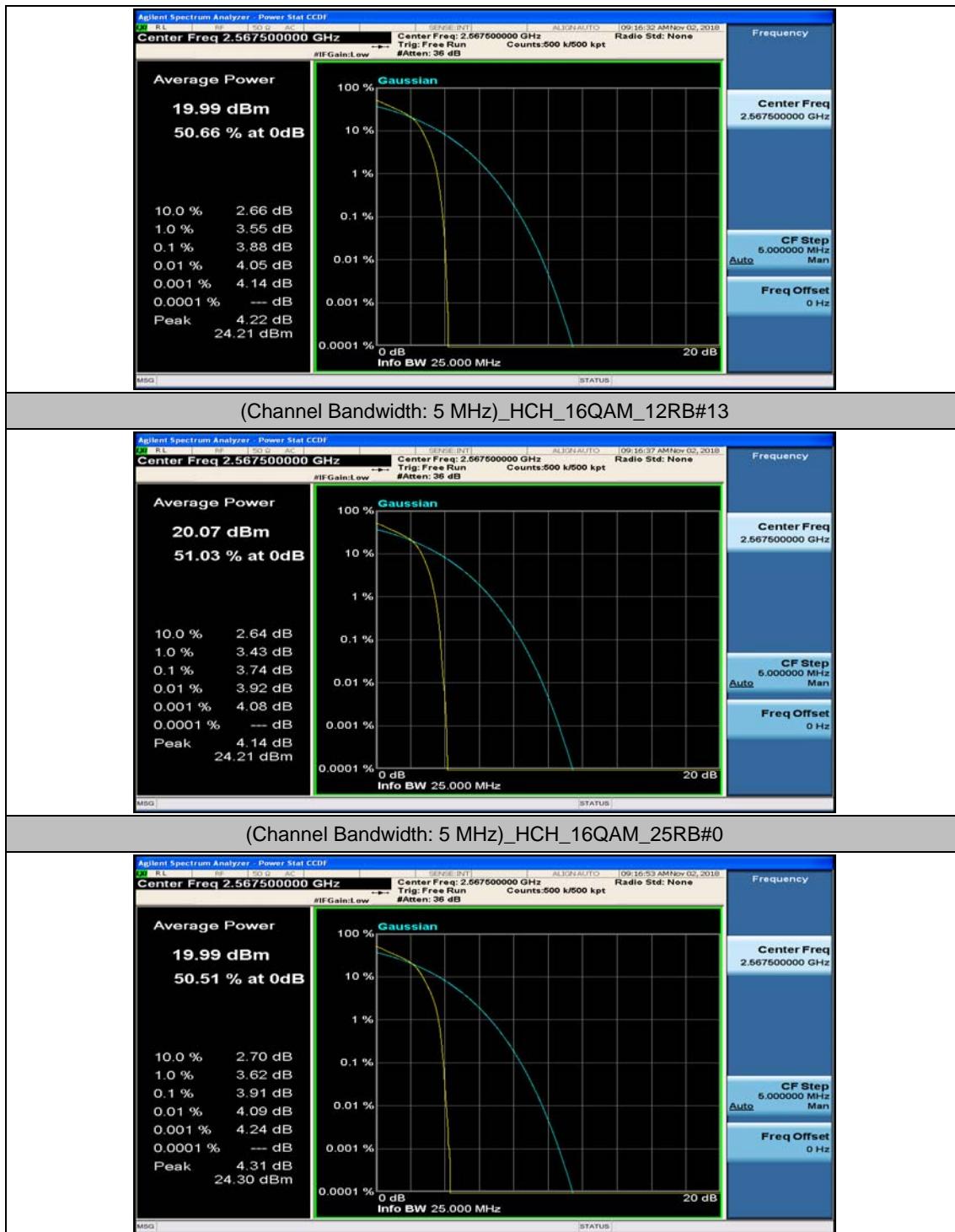


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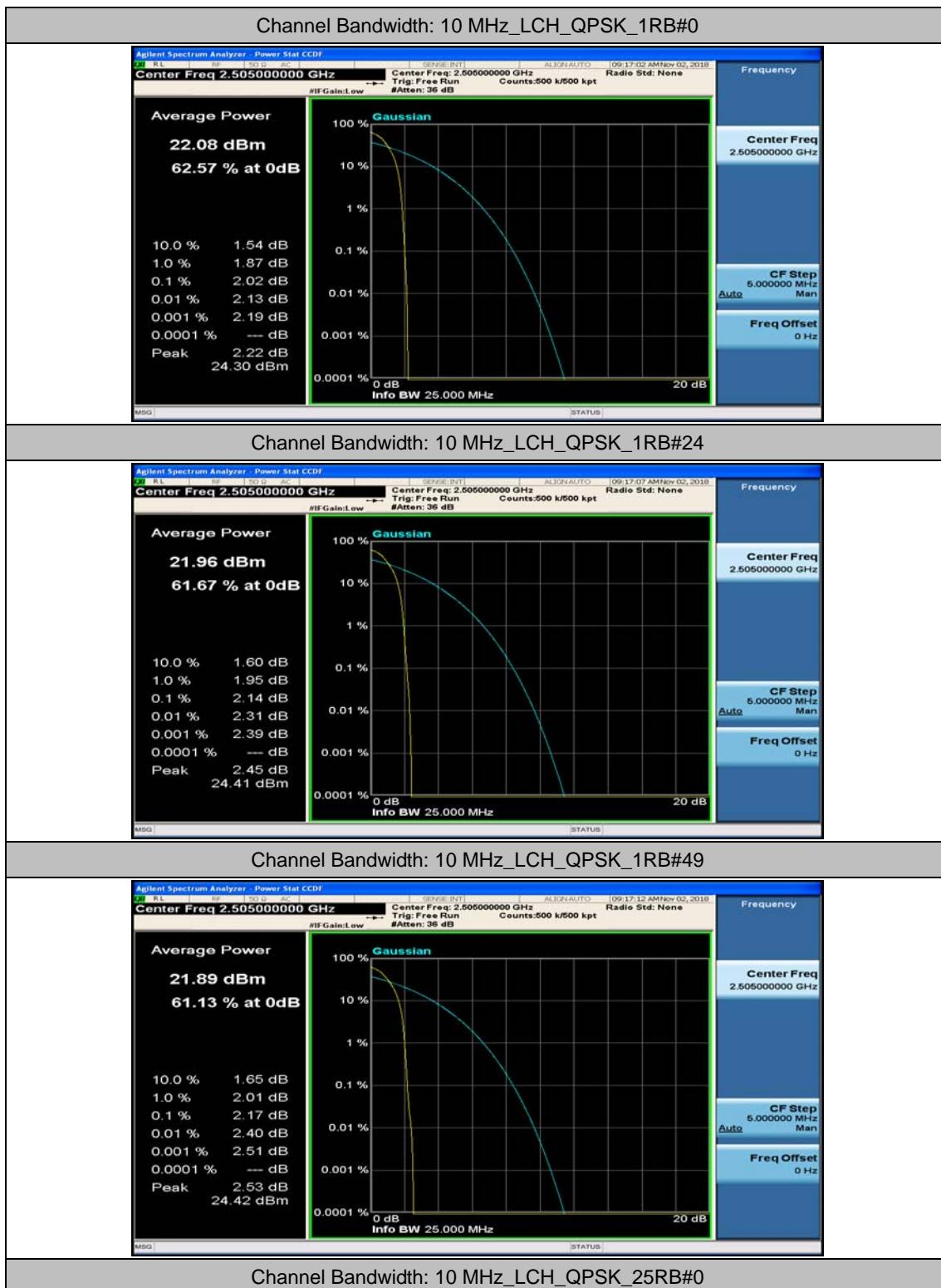


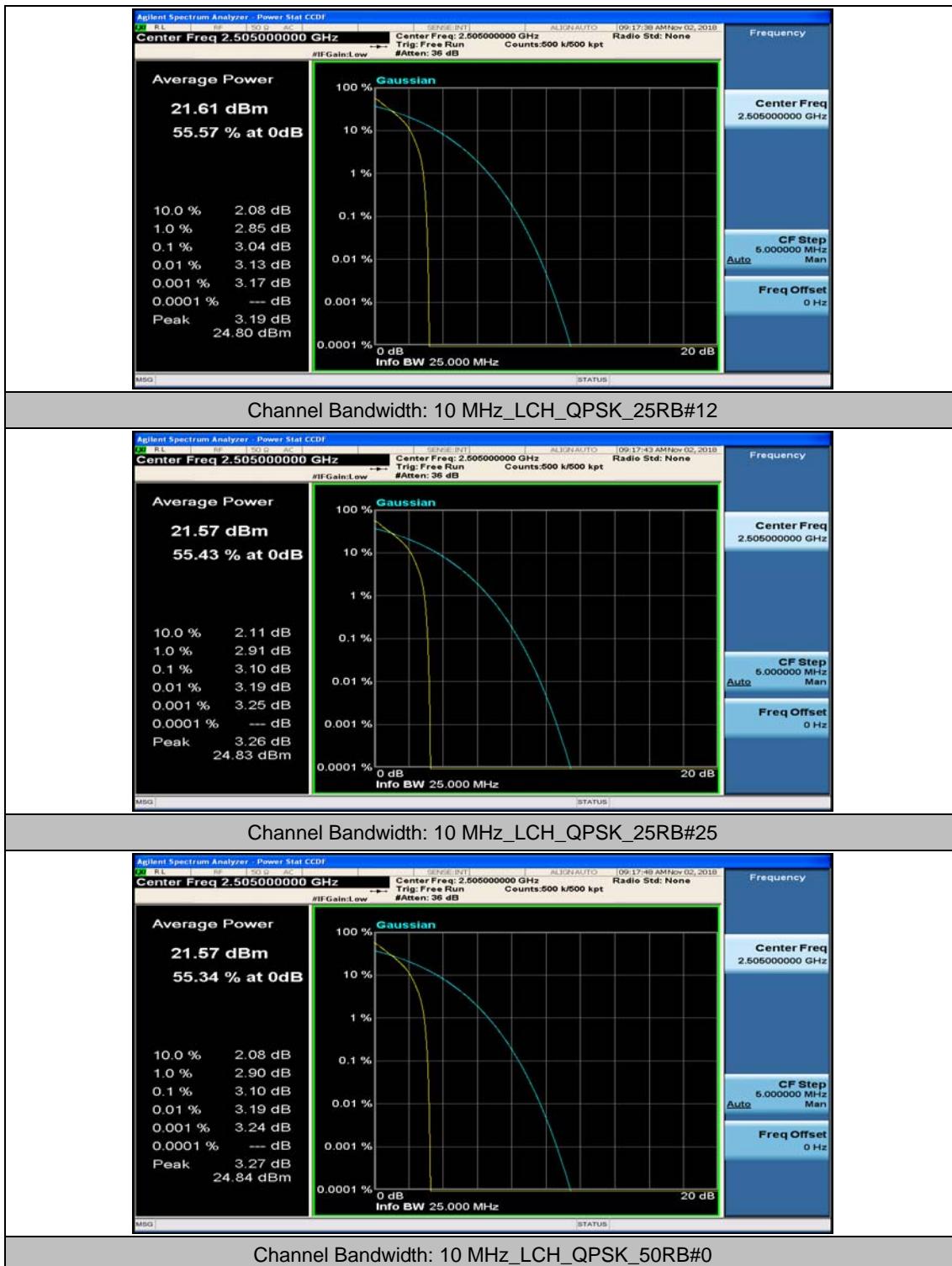


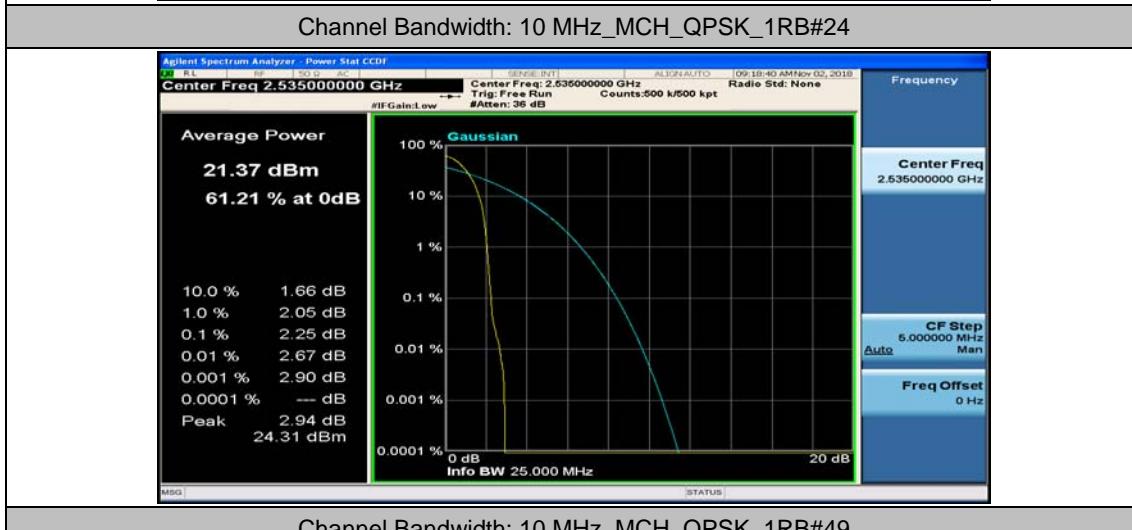
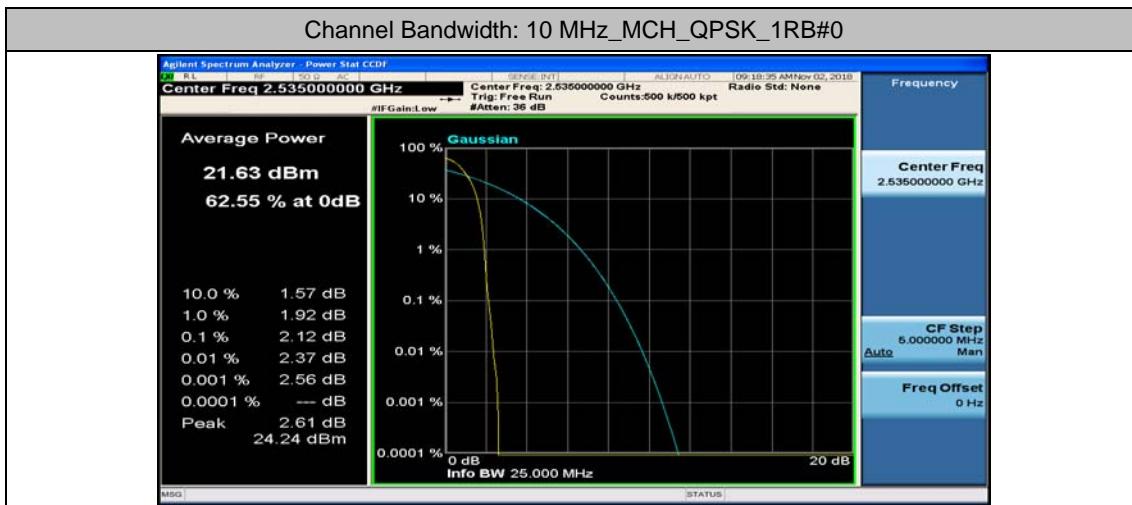
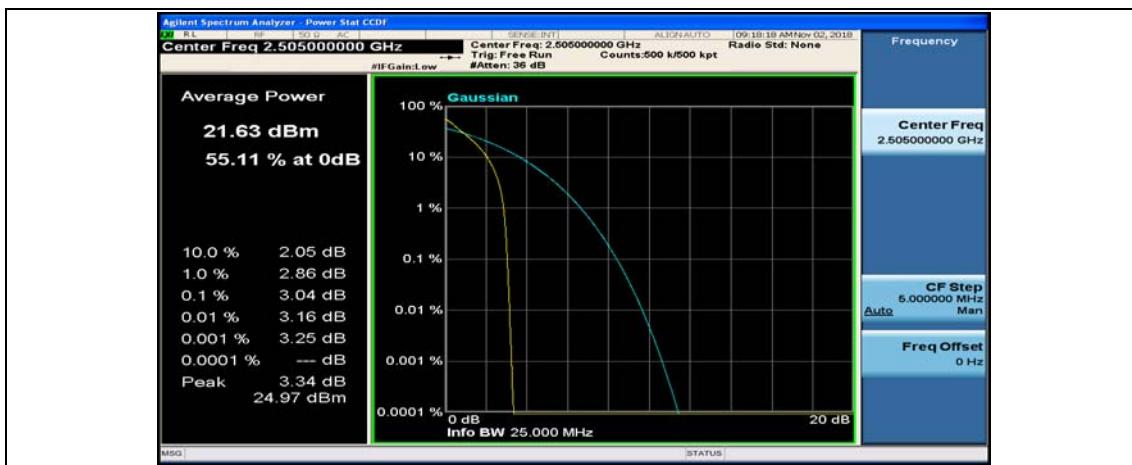




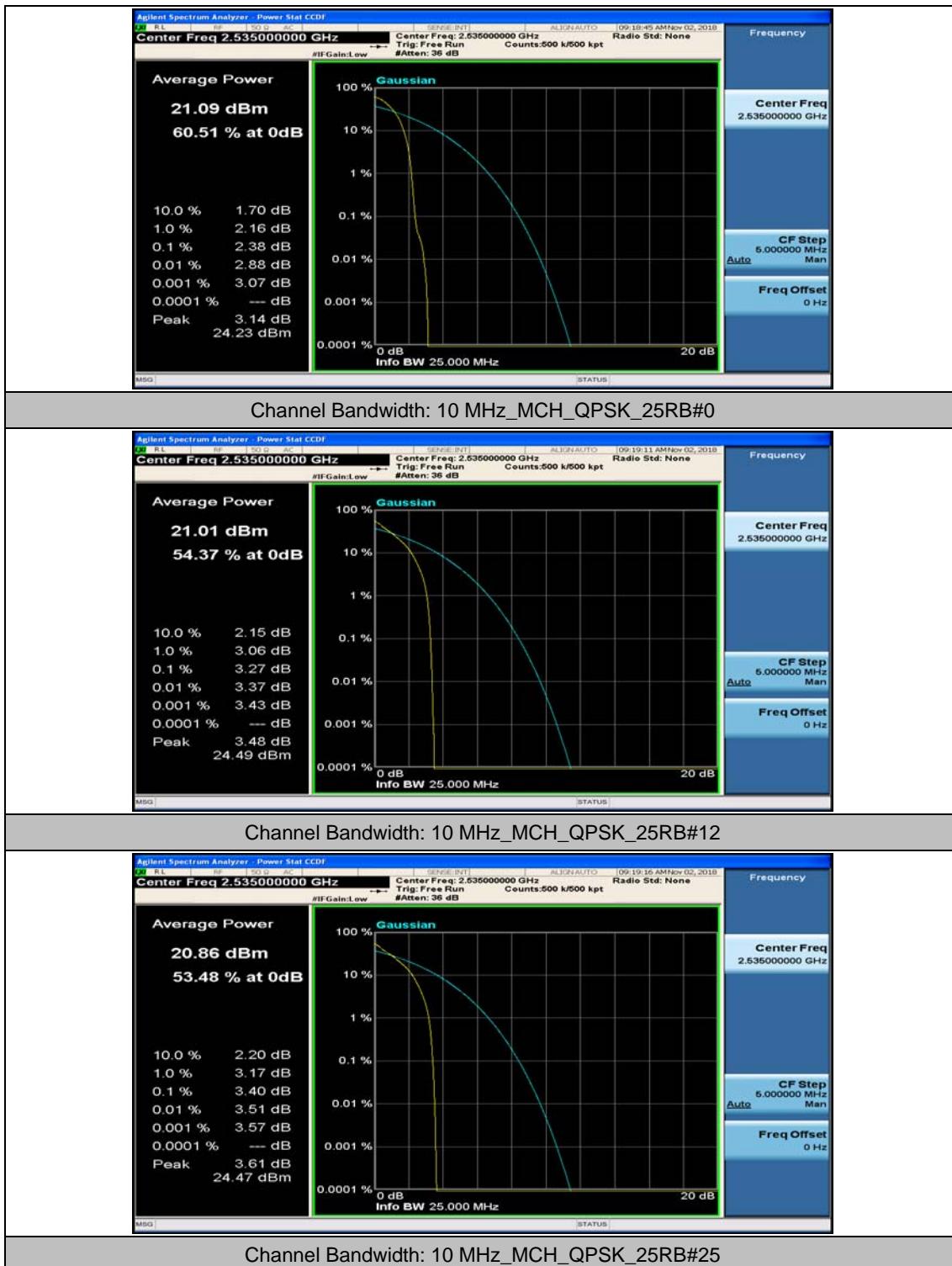
Channel Bandwidth: 10 MHz

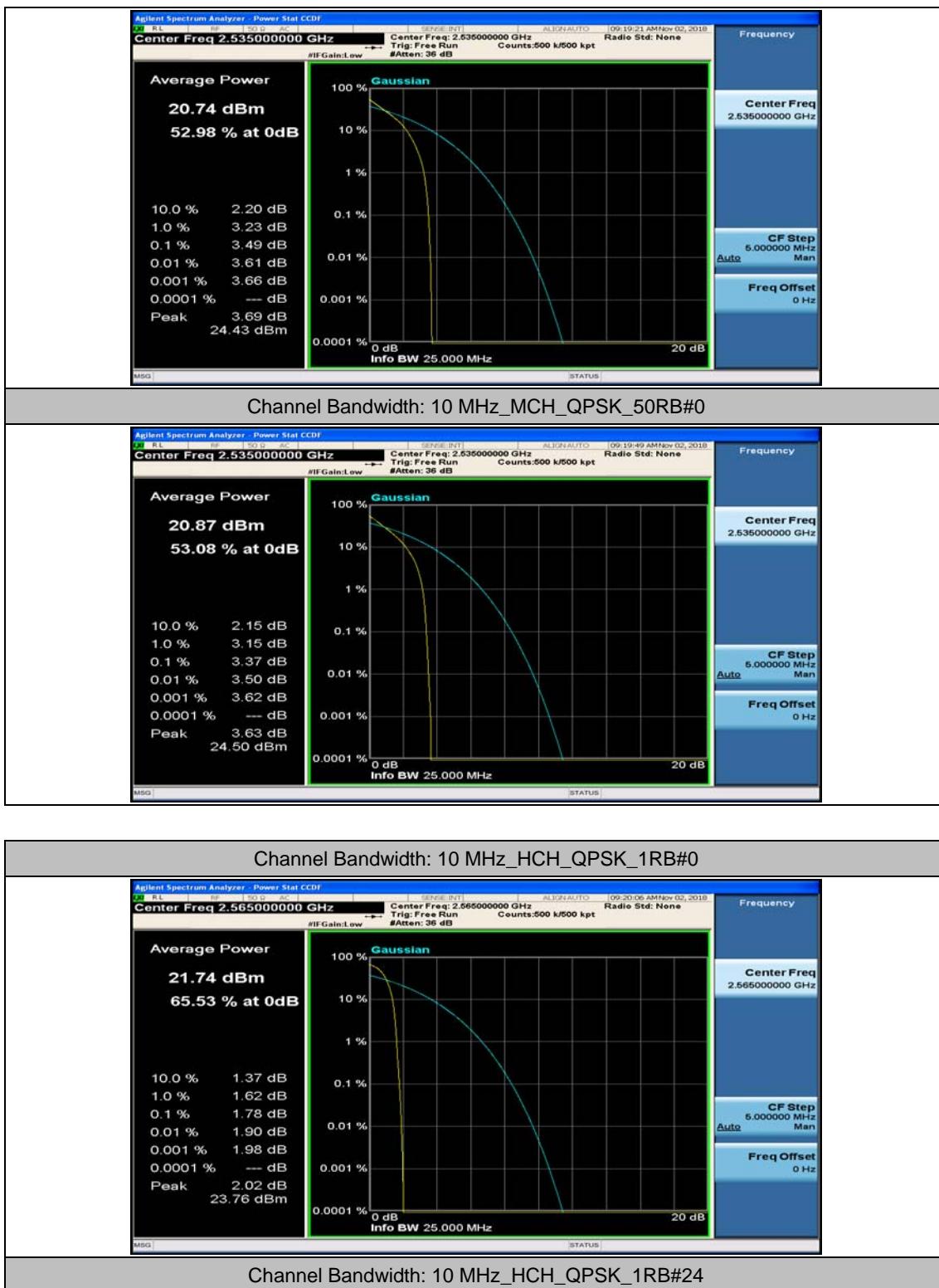


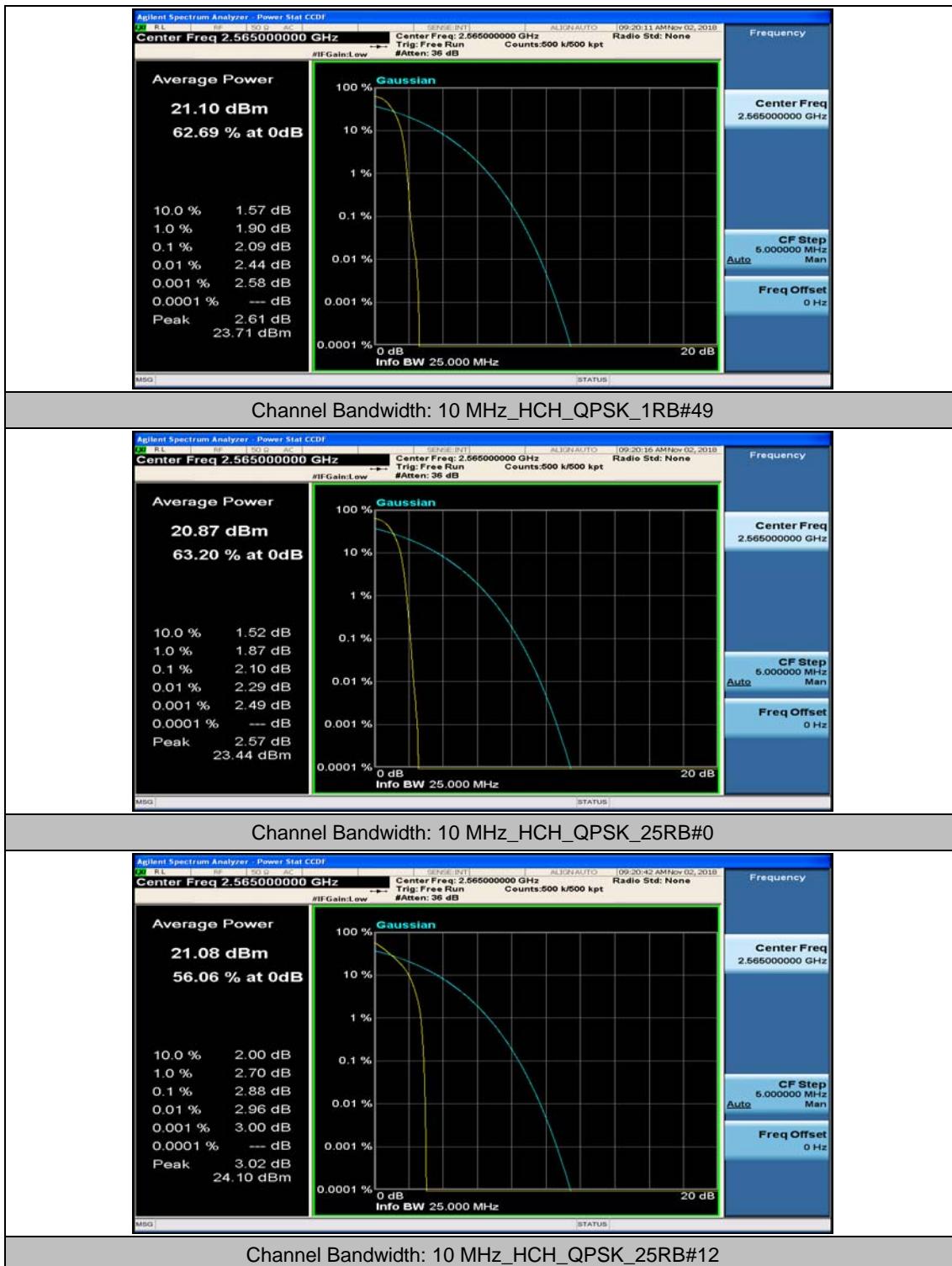


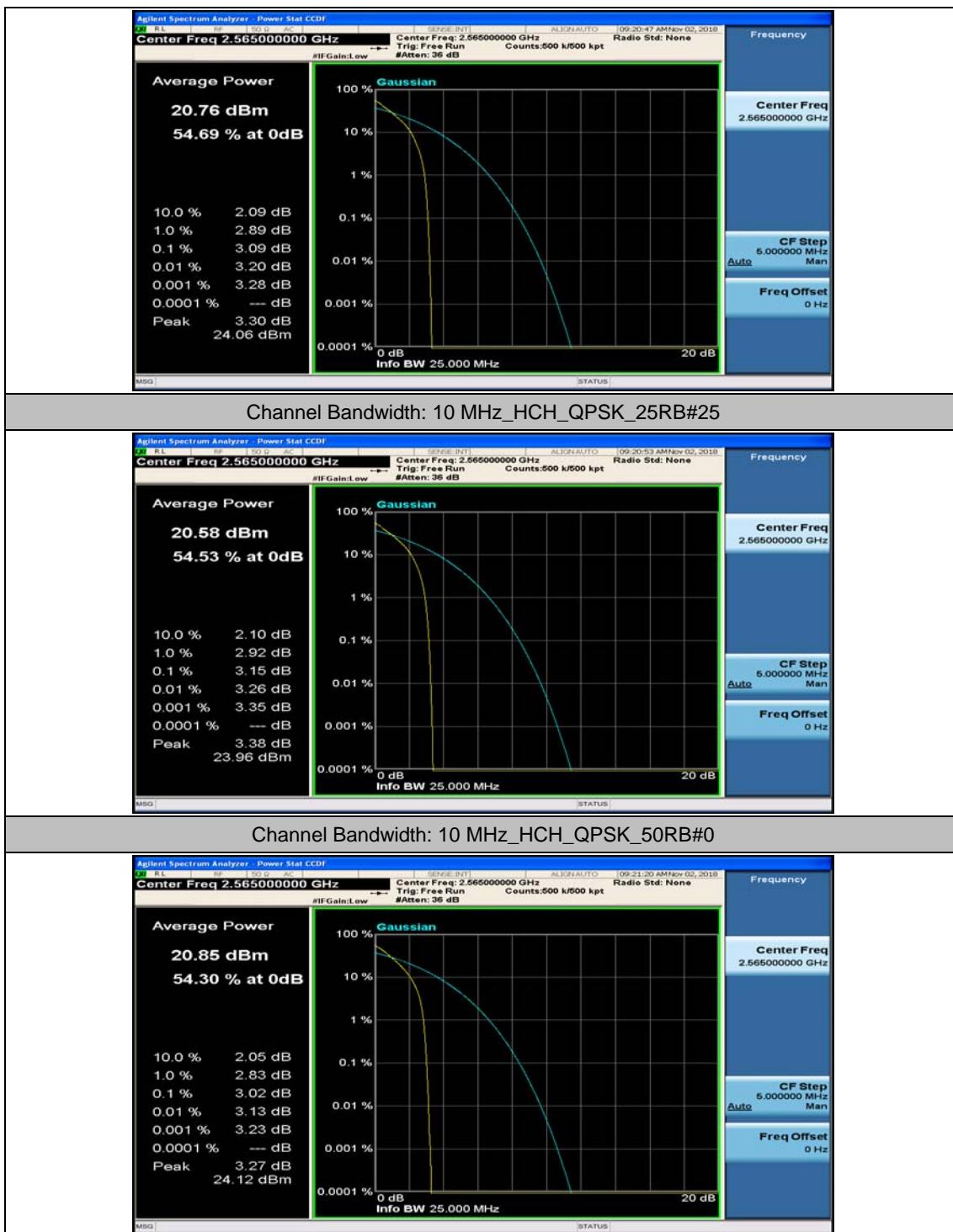


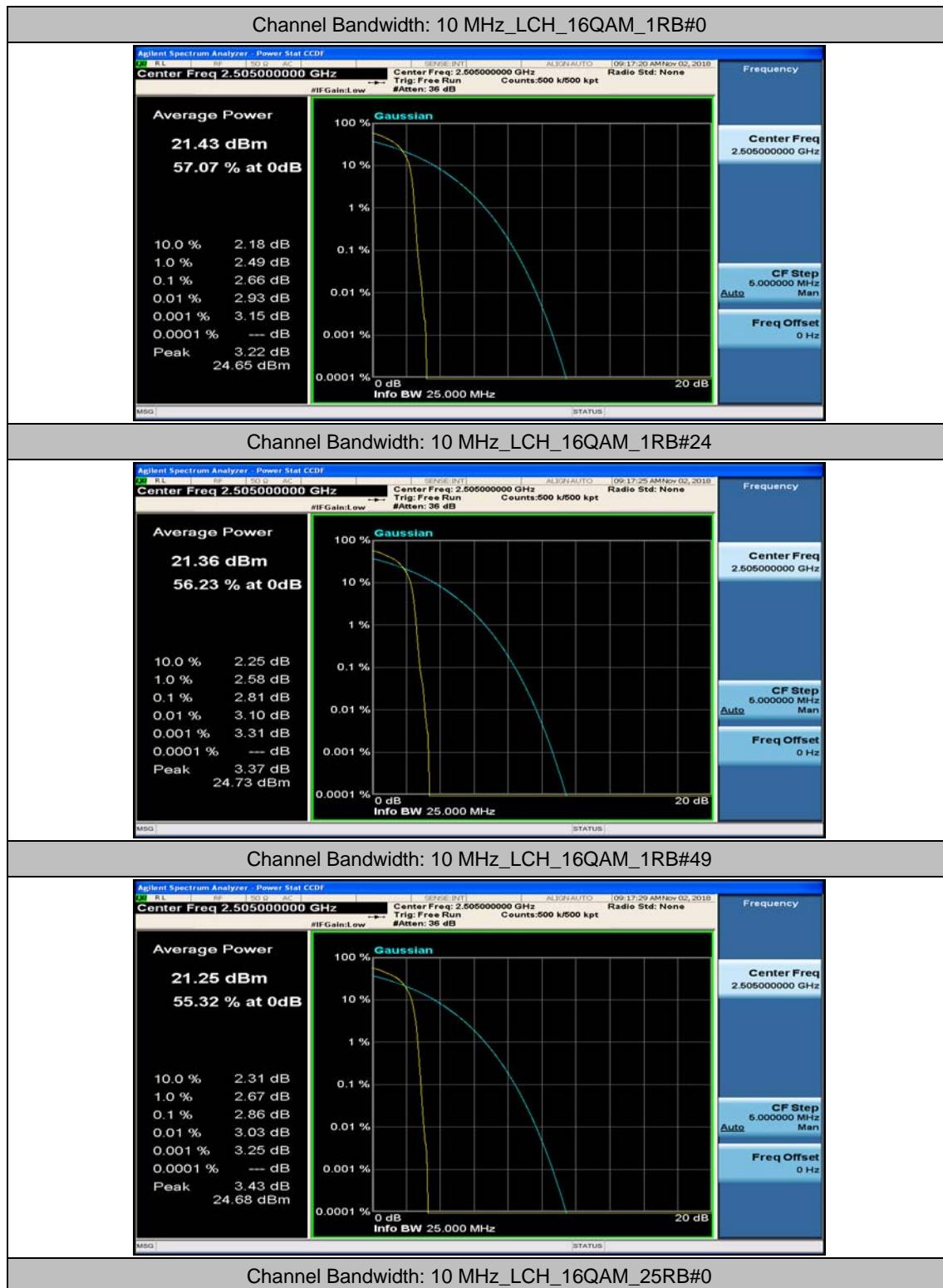
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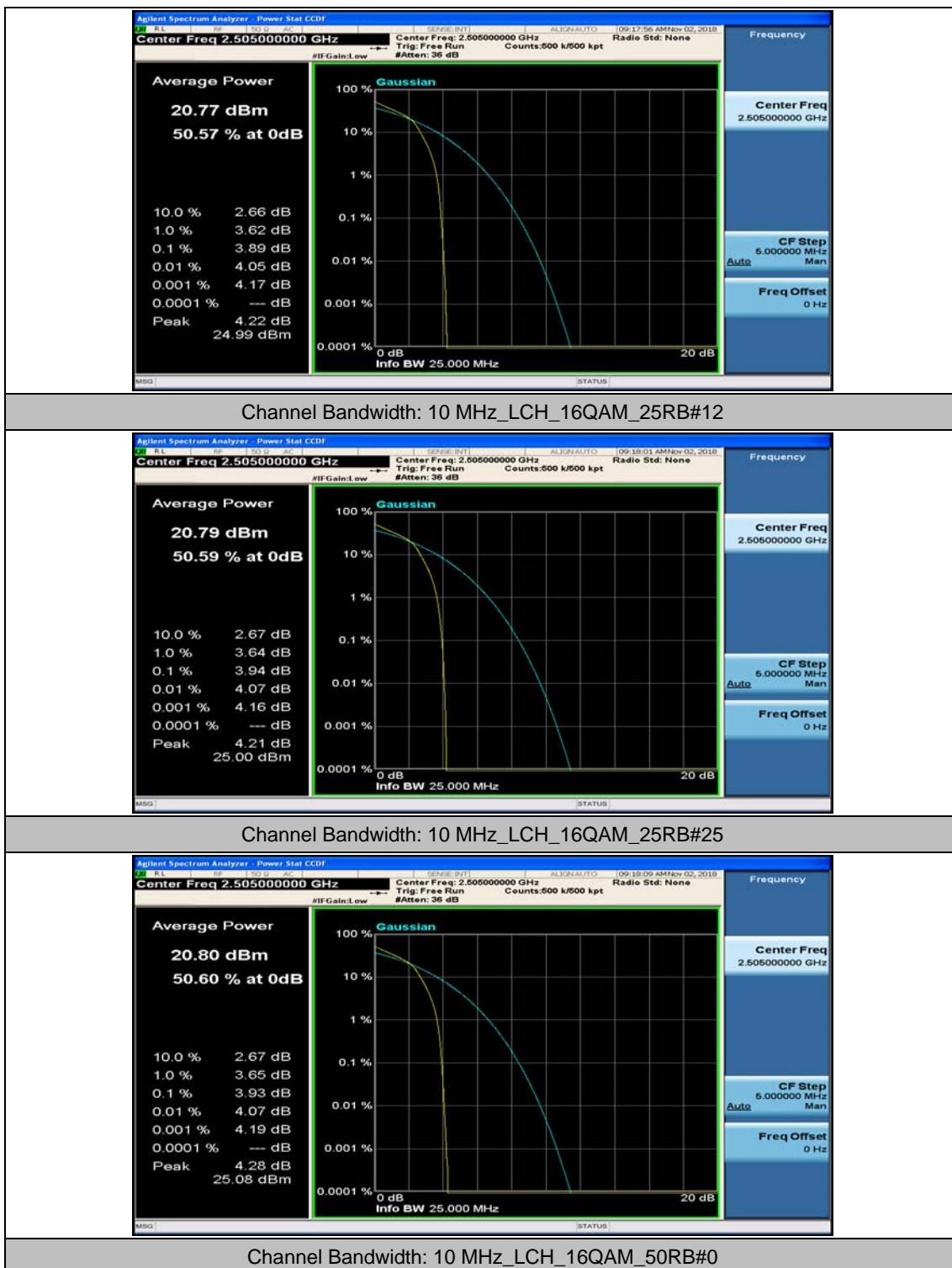


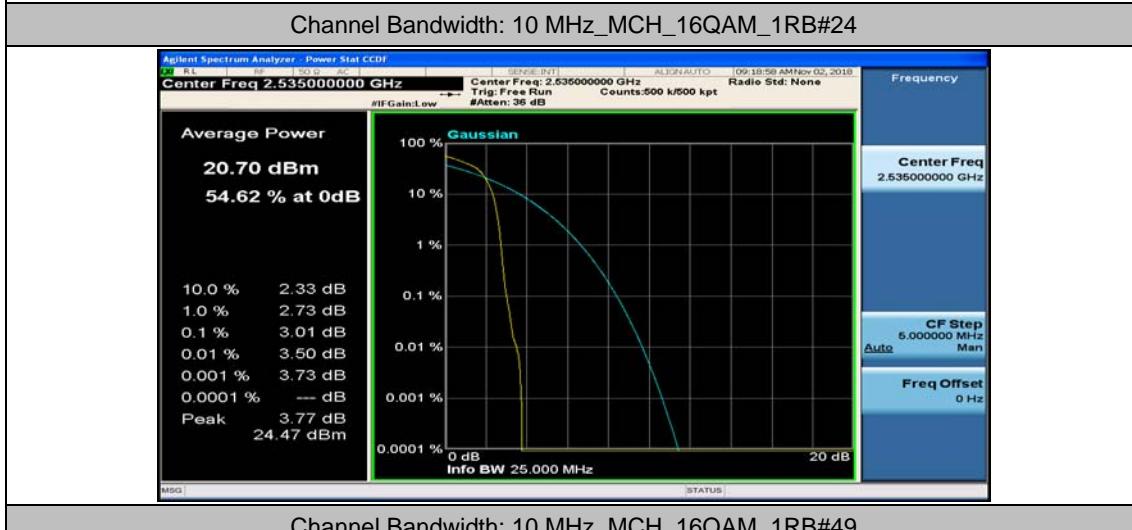
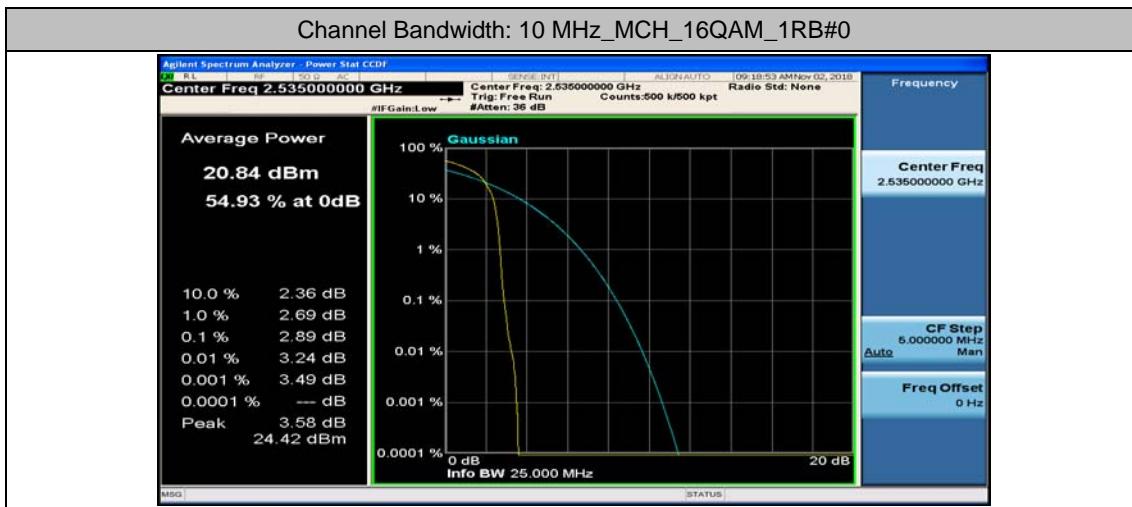
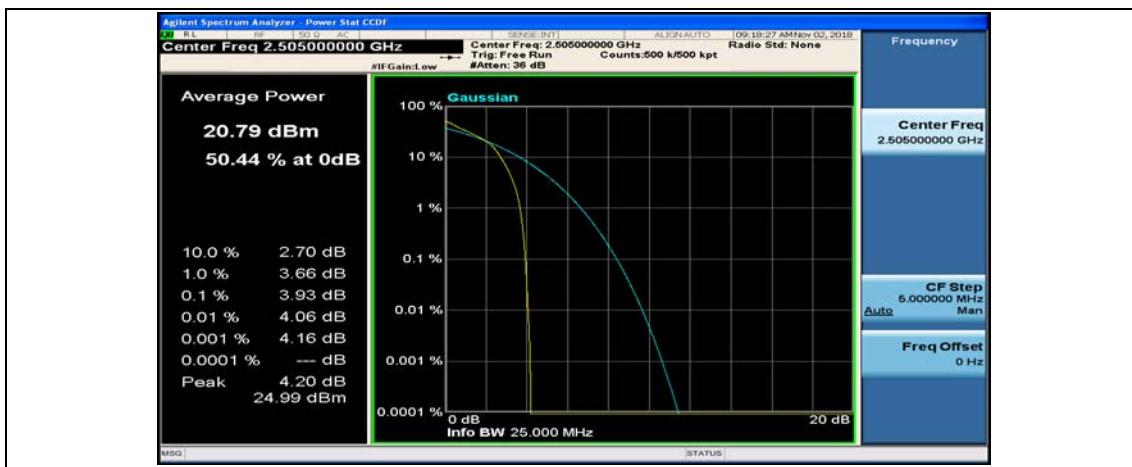




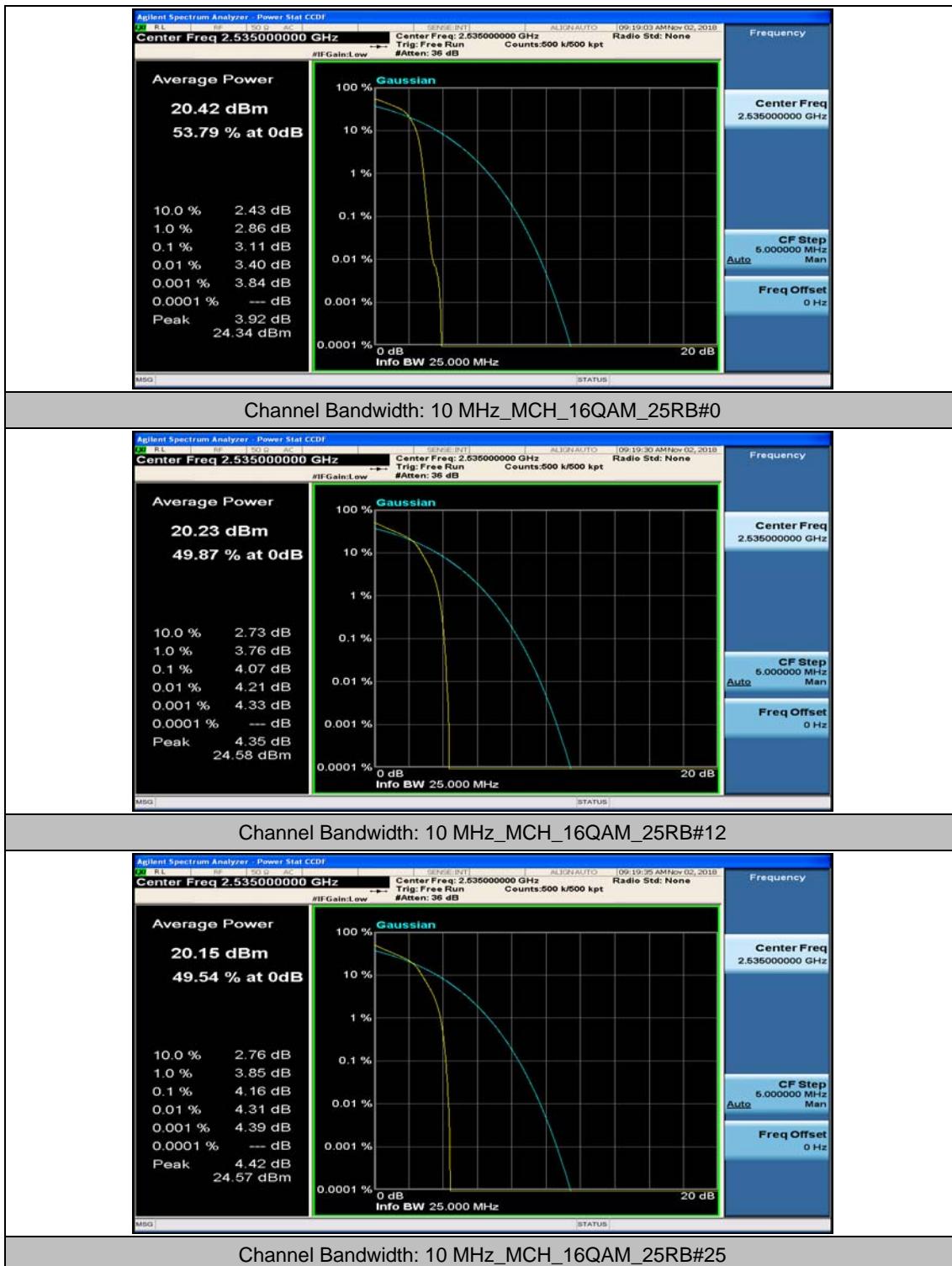


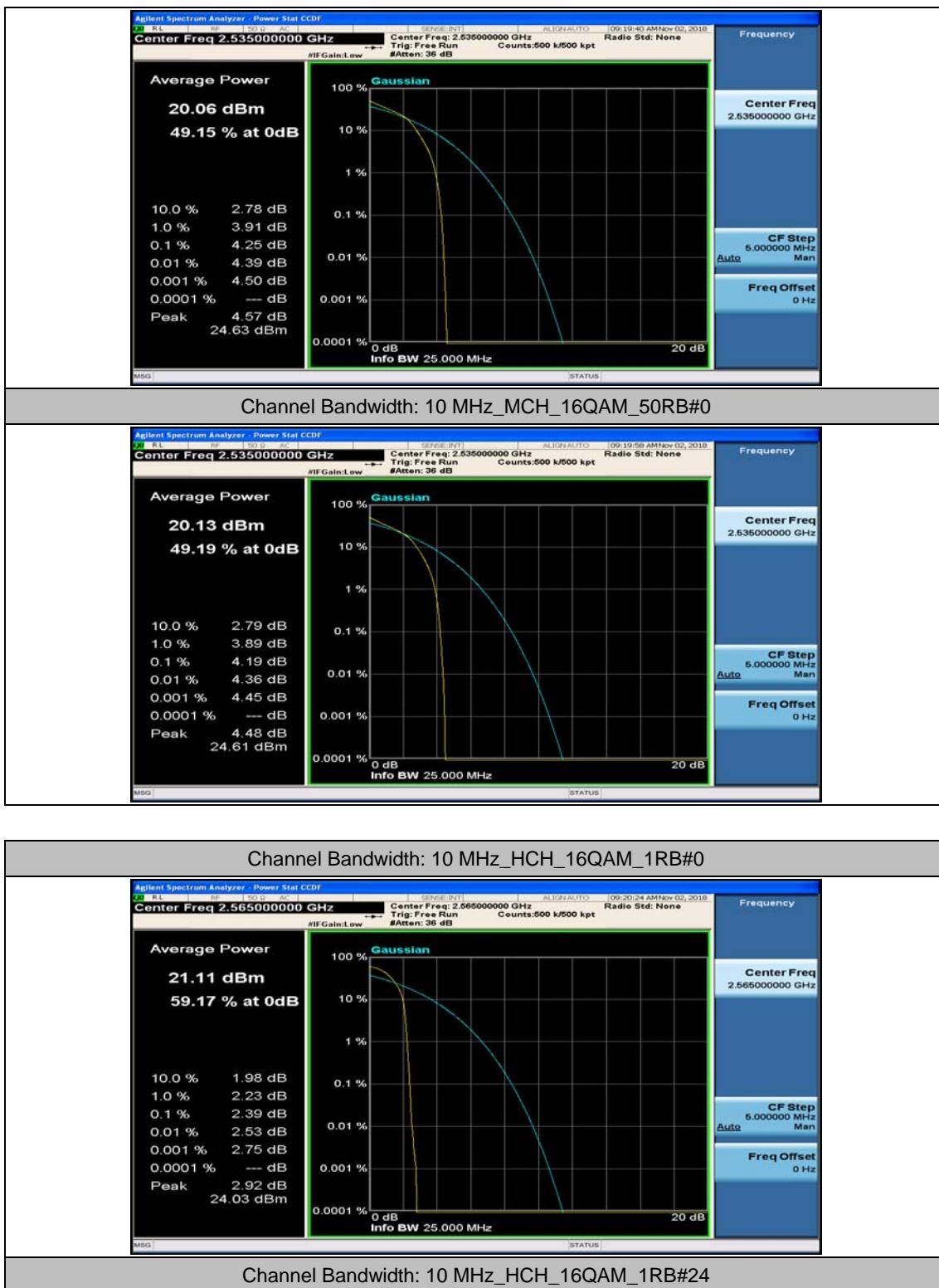


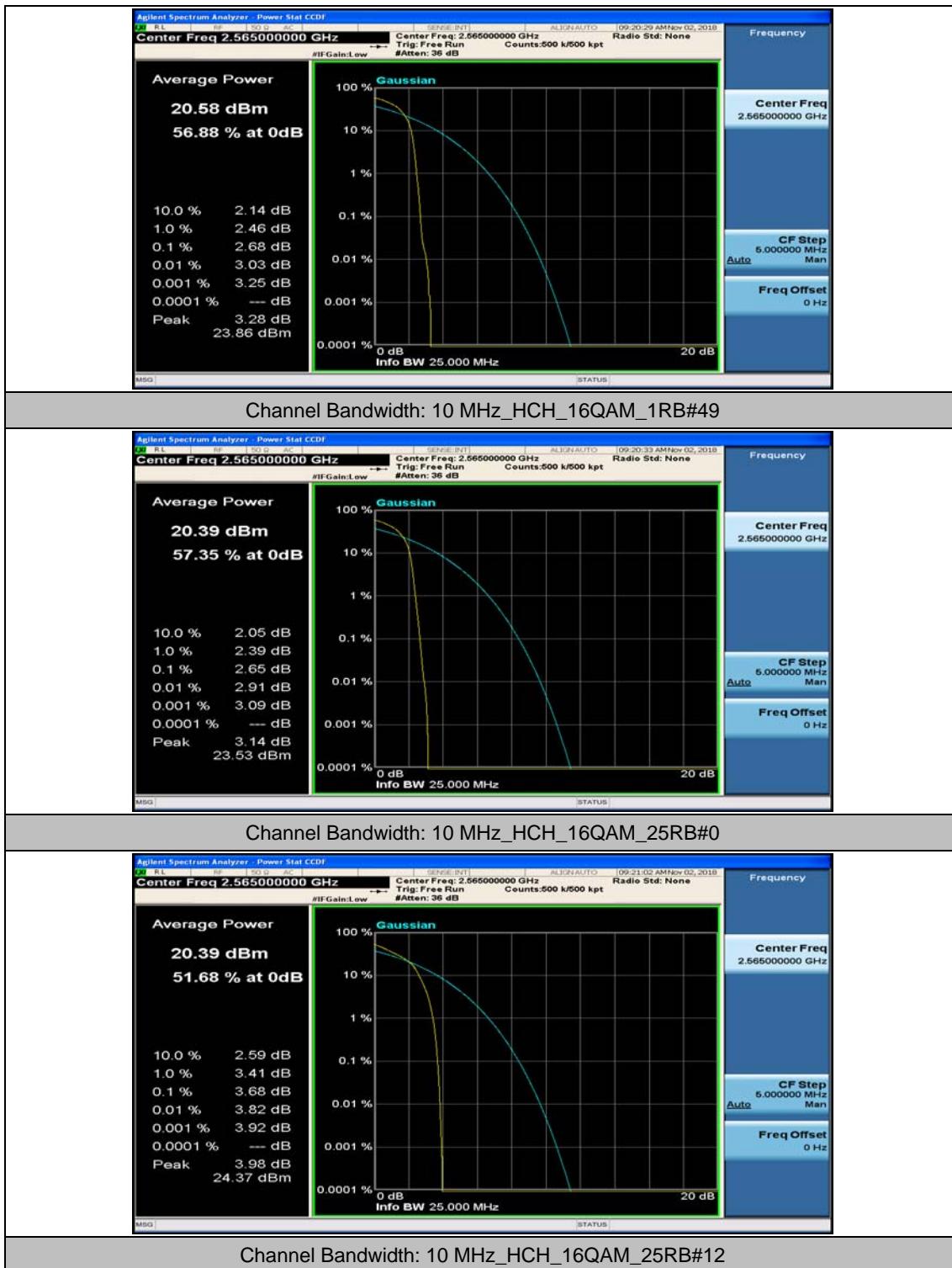


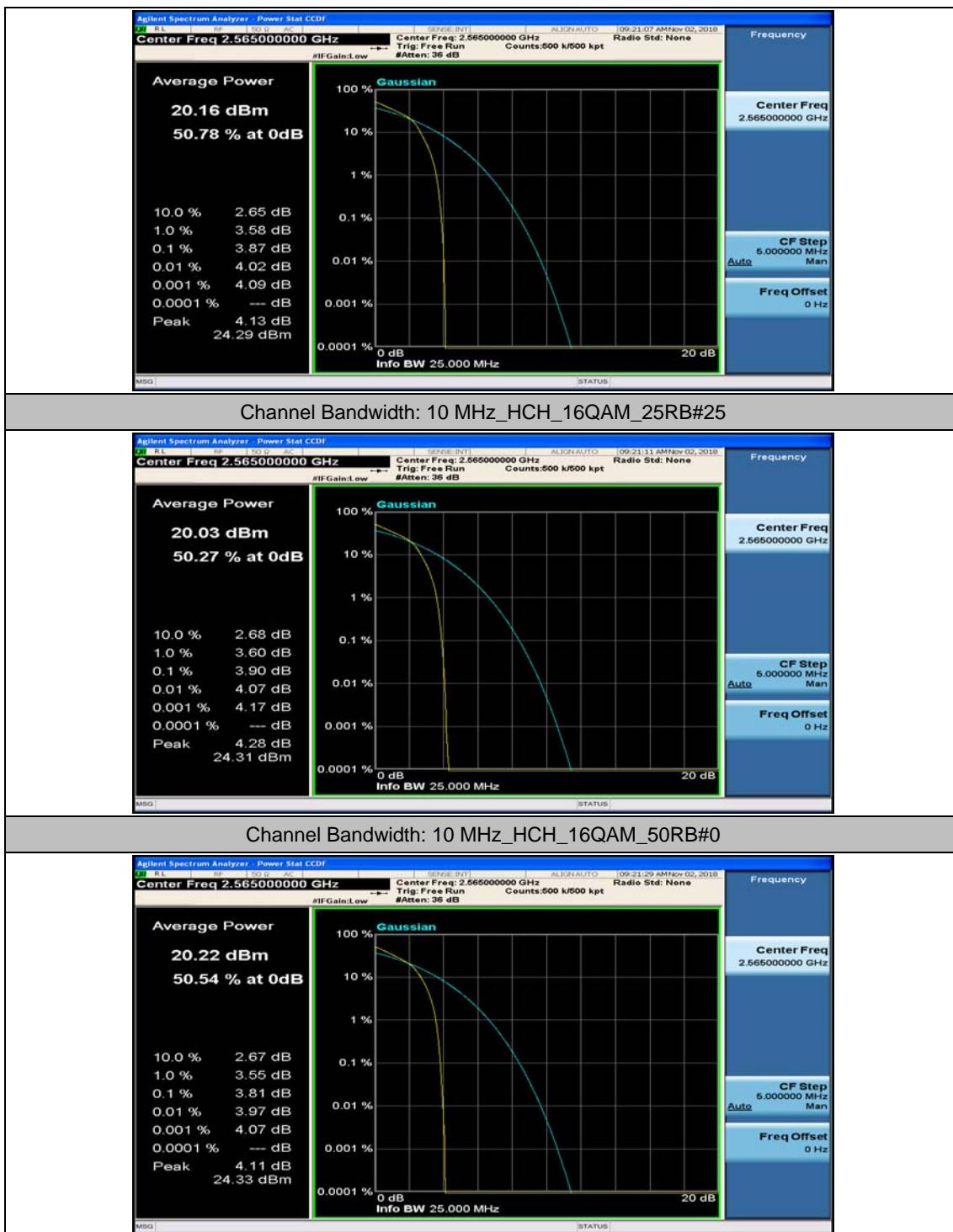


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49

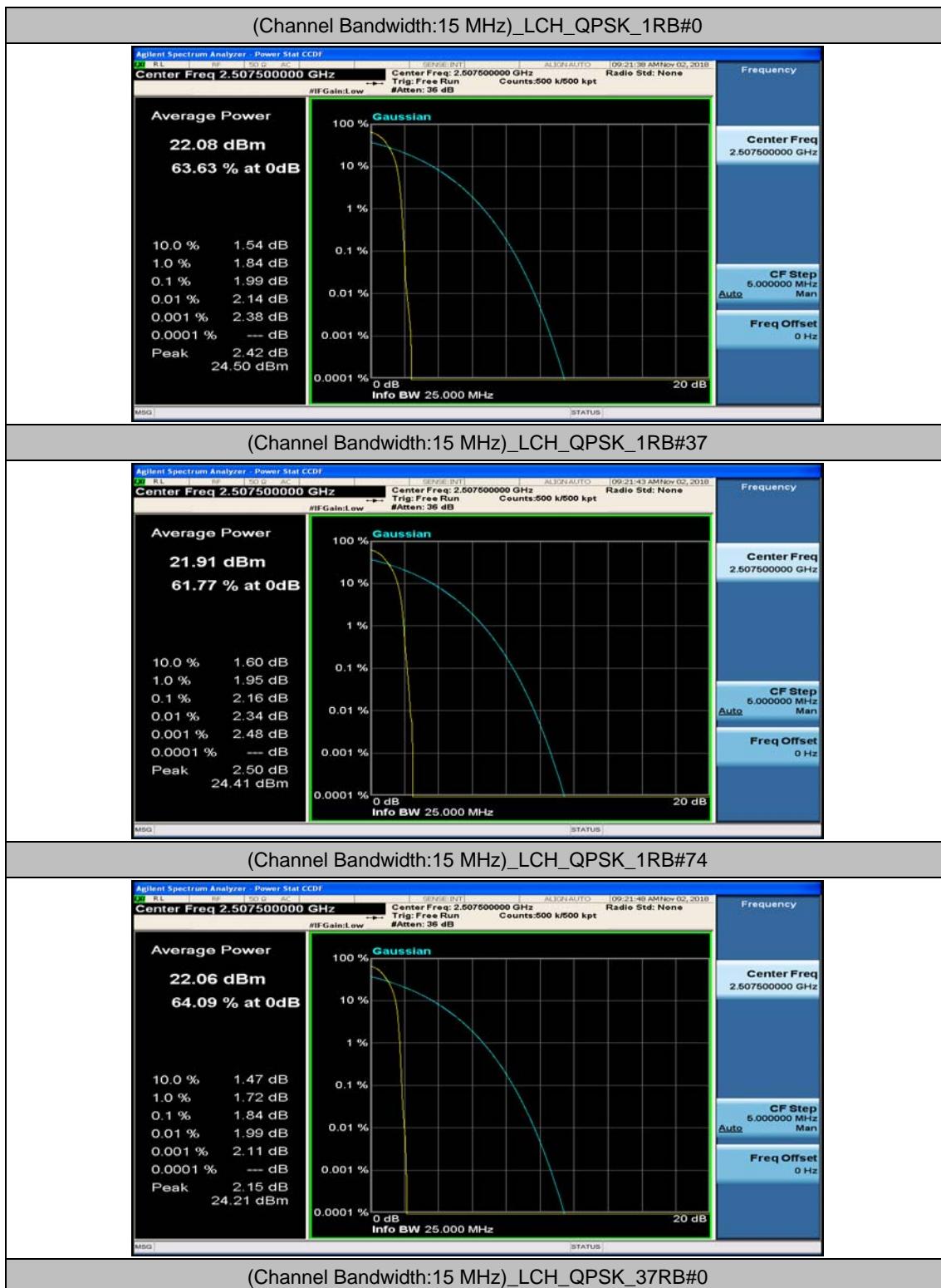


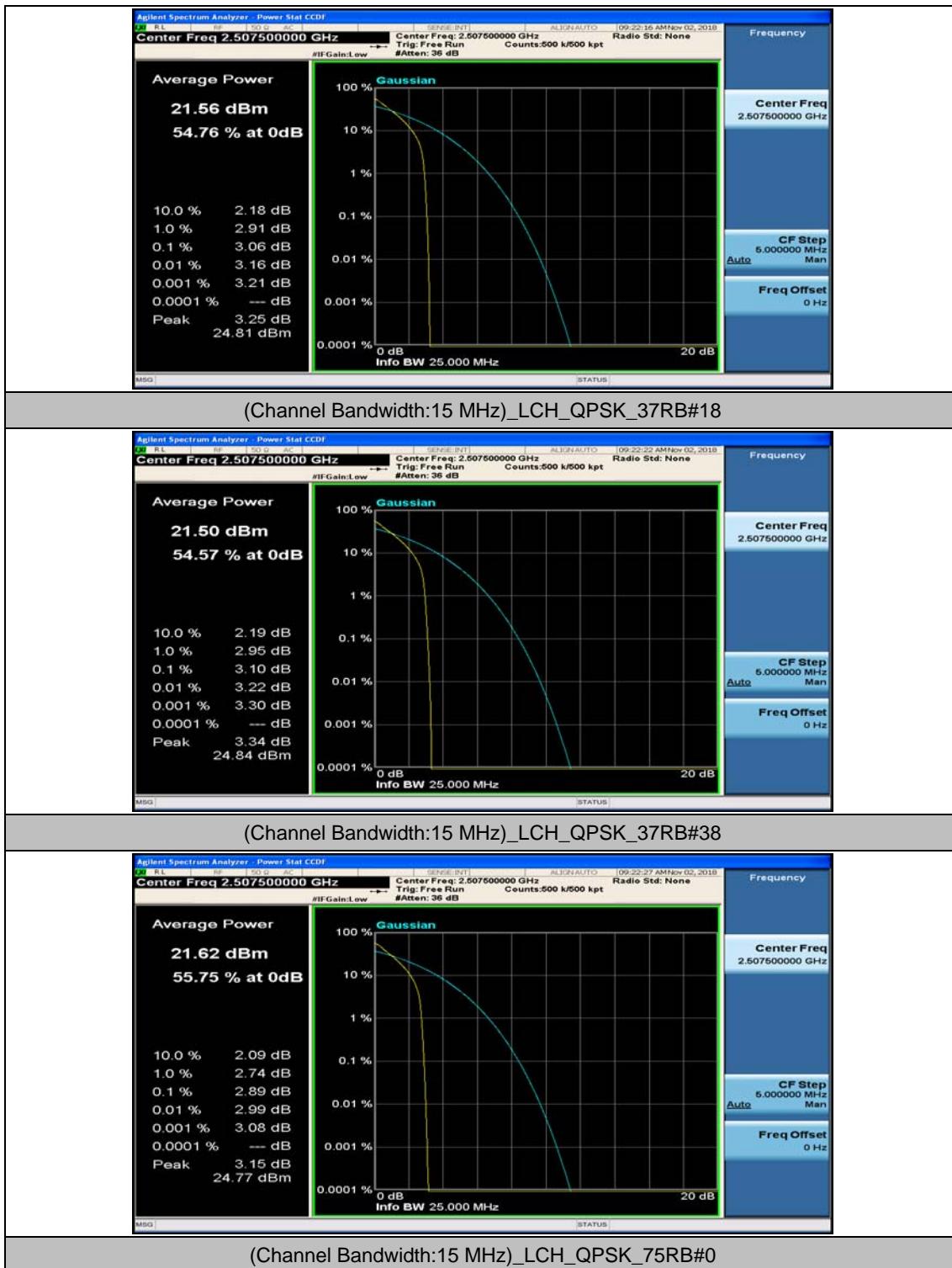


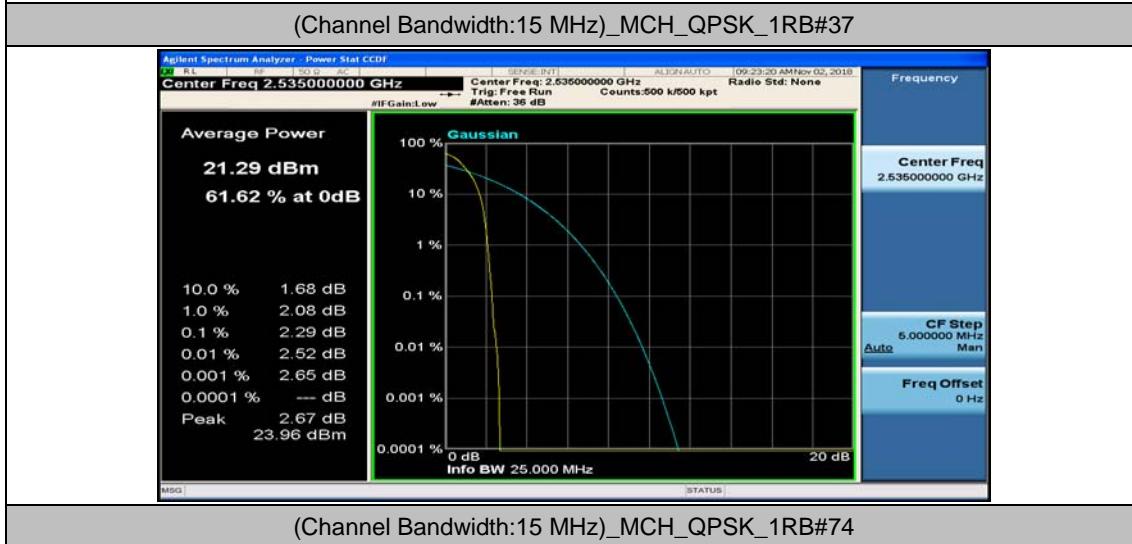
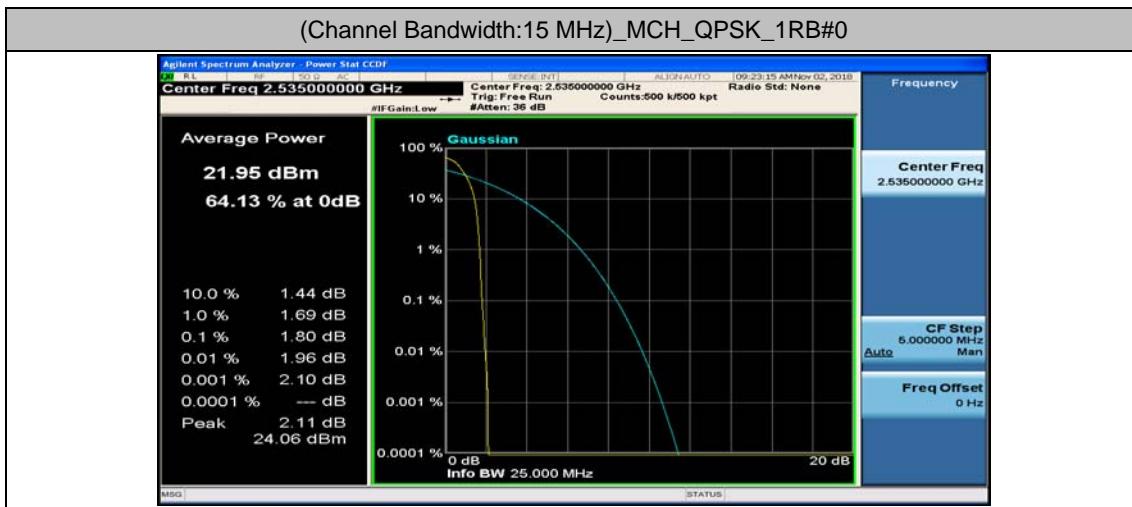
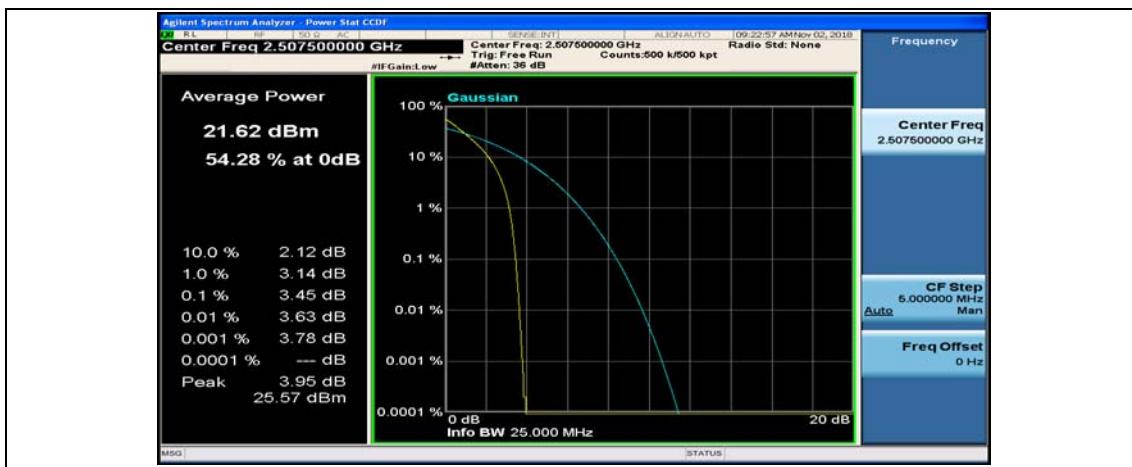




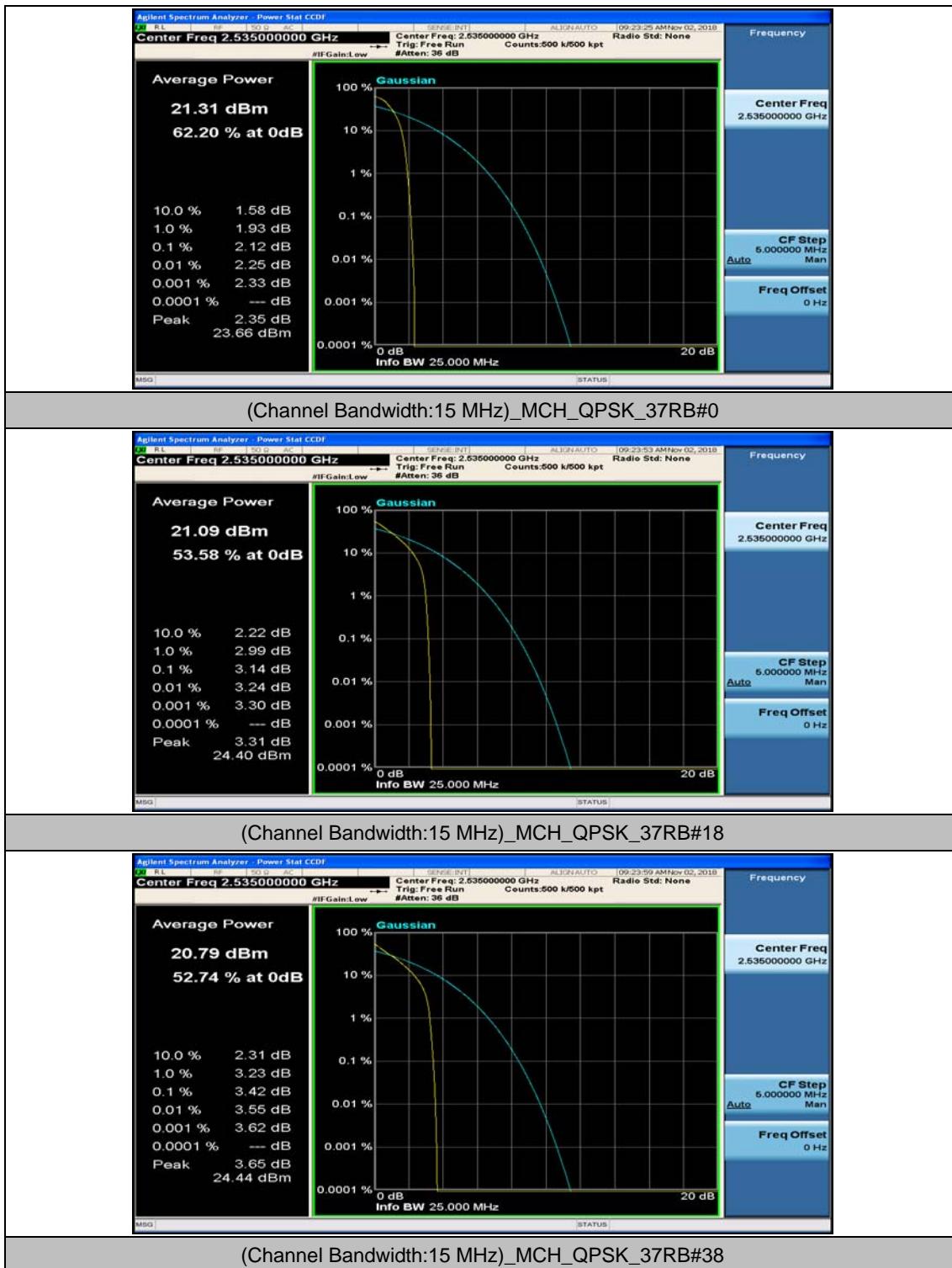
Channel Bandwidth: 15 MHz

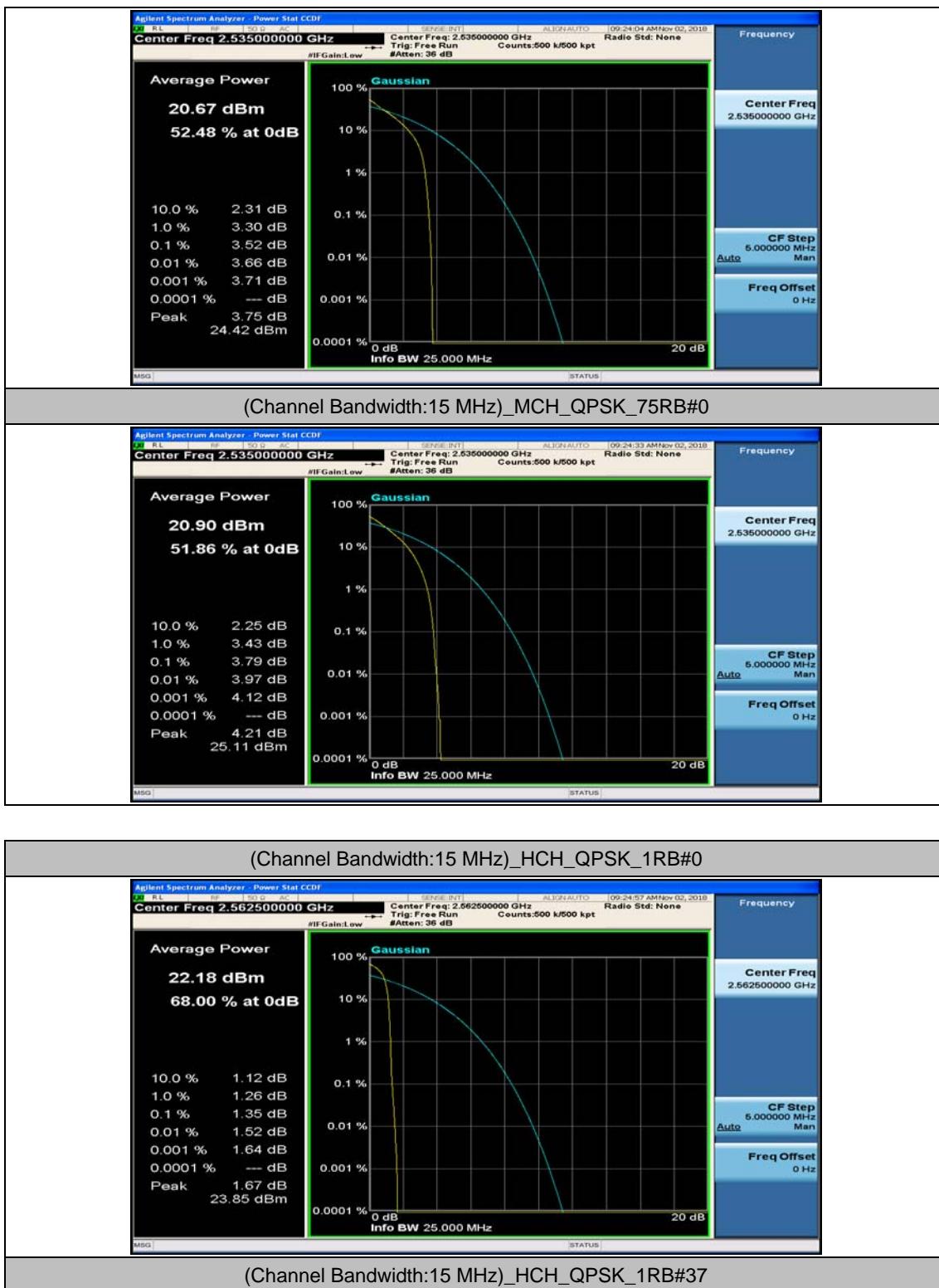


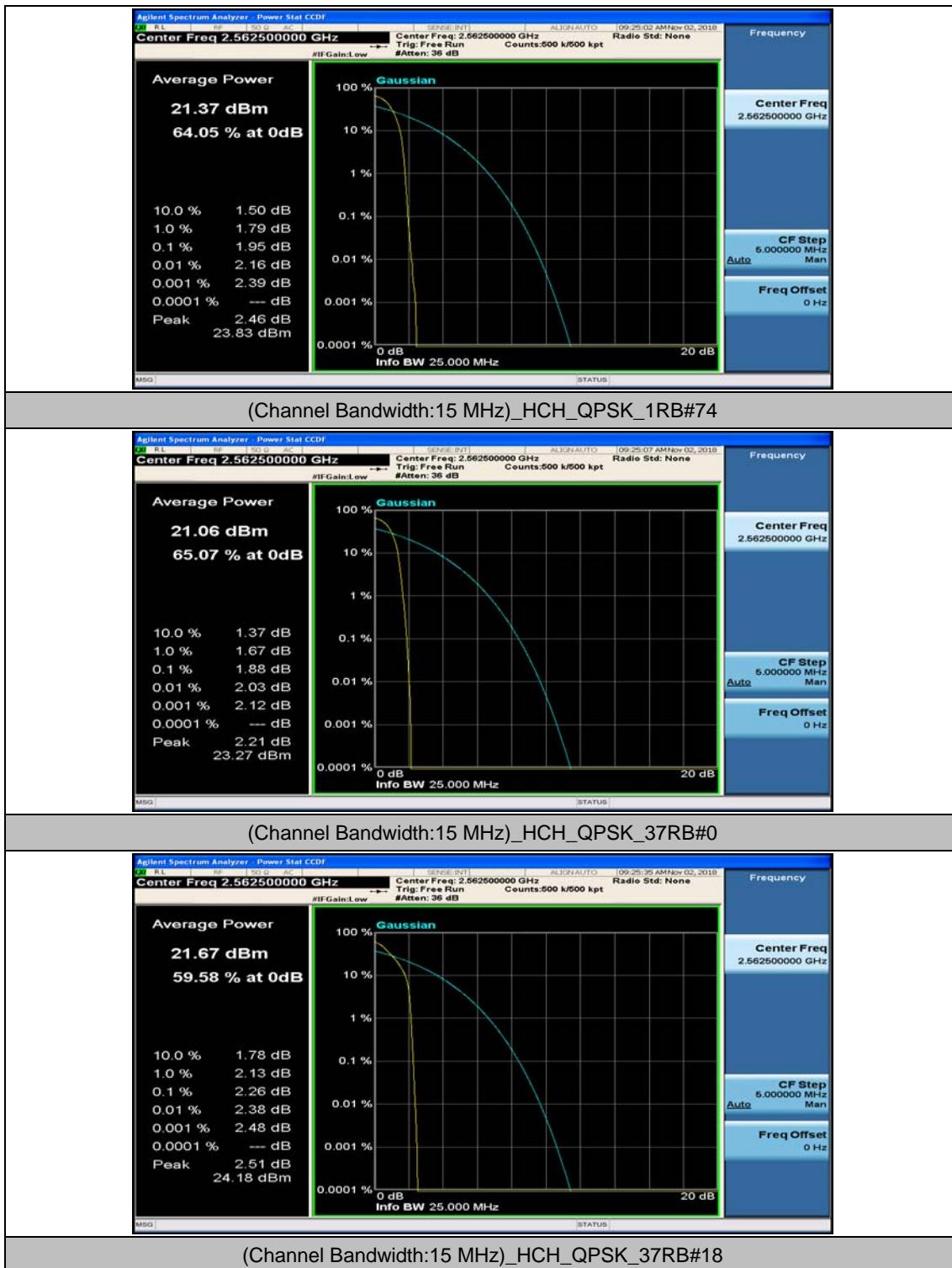


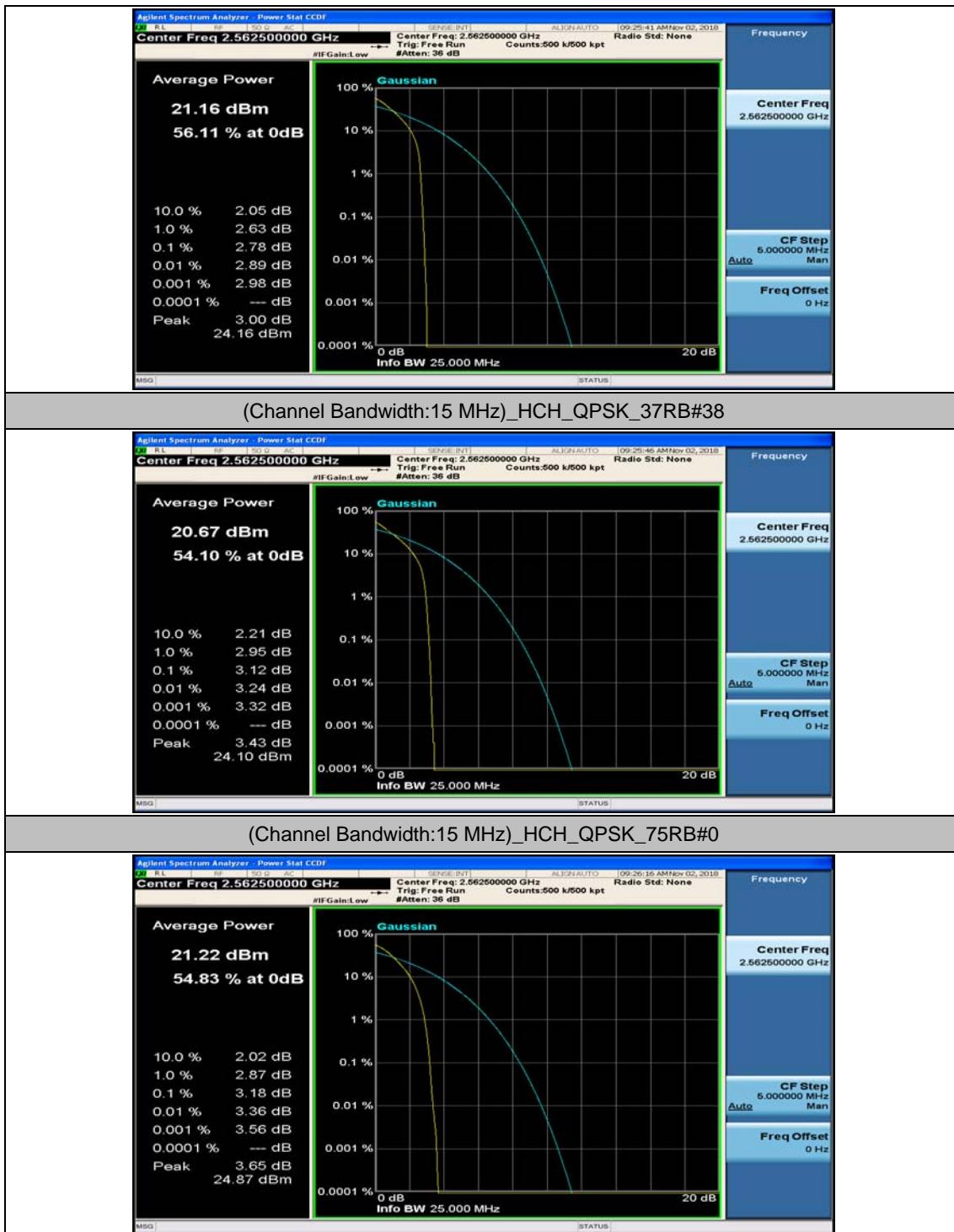


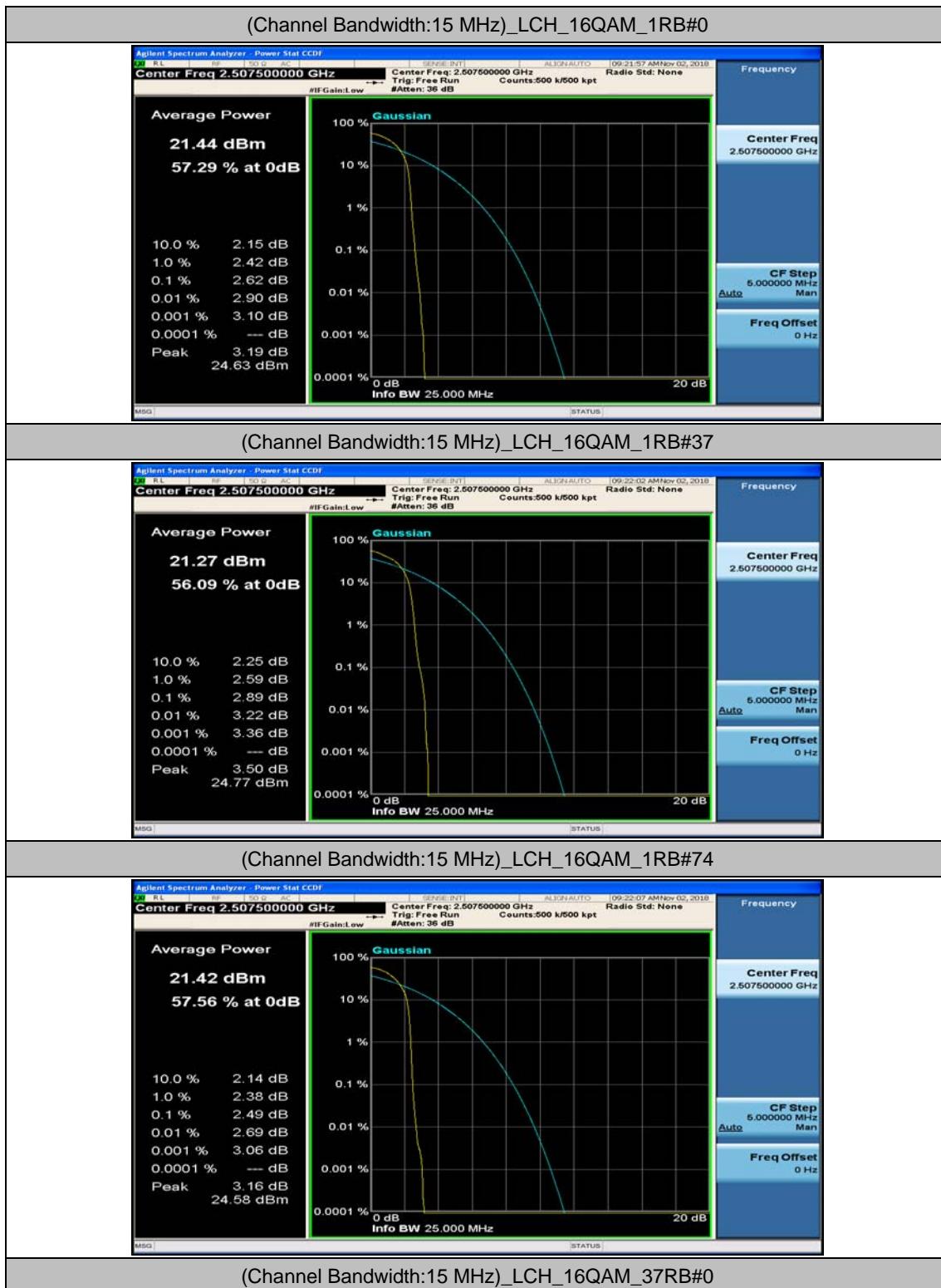
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#74

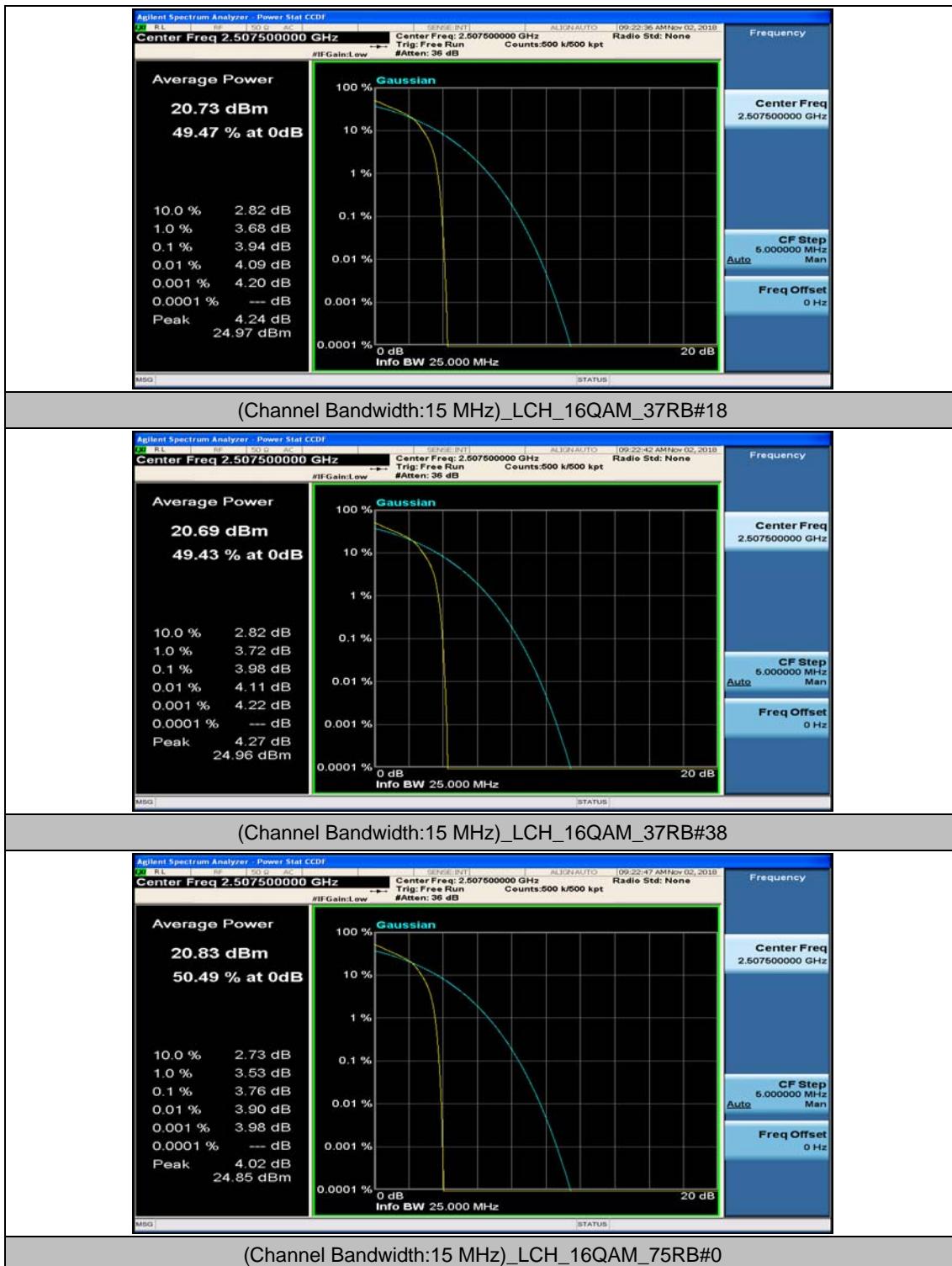


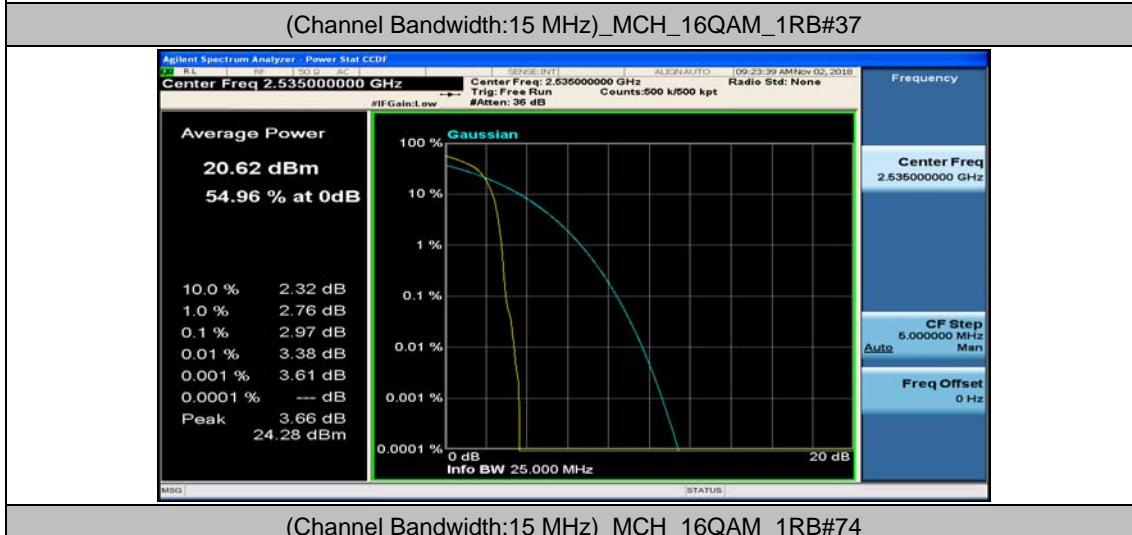
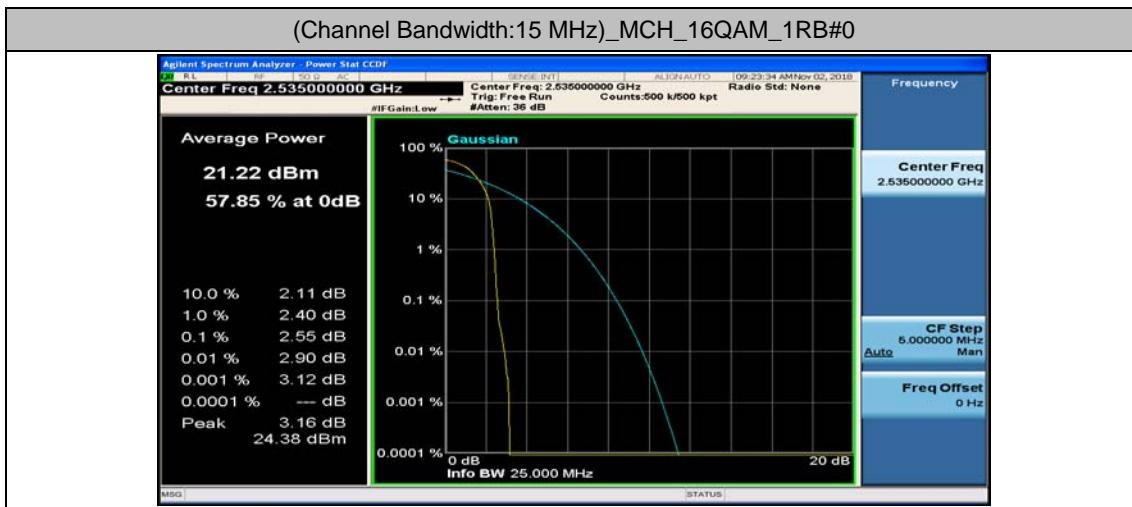
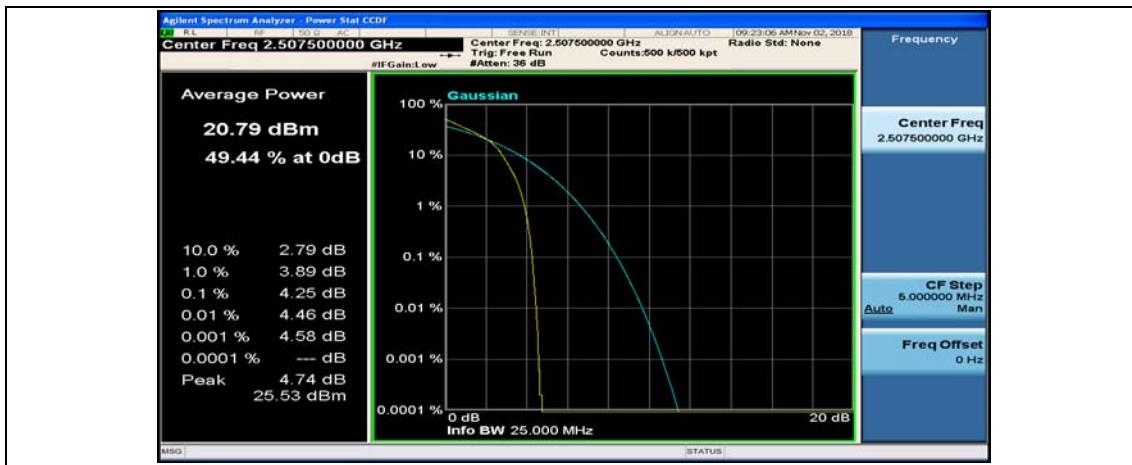












(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#74

