

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	24.67	PASS
		1	12	24.61	PASS
		1	24	24.84	PASS
		12	0	23.93	PASS
		12	6	23.97	PASS
		12	13	24.01	PASS
		25	0	24.02	PASS
	MCH	1	0	23.11	PASS
		1	12	23.56	PASS
		1	24	23.18	PASS
		12	0	22.07	PASS
		12	6	22.11	PASS
		12	13	22.09	PASS
		25	0	21.90	PASS
16QAM	HCH	1	0	22.32	PASS
		1	12	22.74	PASS
		1	24	22.68	PASS
		12	0	21.45	PASS
		12	6	21.69	PASS
		12	13	21.71	PASS
		25	0	21.65	PASS
	LCH	1	0	23.96	PASS
		1	12	24.03	PASS
		1	24	24.01	PASS
		12	0	23.00	PASS
		12	6	23.10	PASS
		12	13	23.14	PASS
		25	0	22.99	PASS
	MCH	1	0	22.24	PASS
		1	12	22.54	PASS
		1	24	22.28	PASS
		12	0	21.63	PASS

		12	6	21.32	PASS
		12	13	21.30	PASS
		25	0	21.07	PASS
HCH		1	0	21.32	PASS
		1	12	21.88	PASS
		1	24	21.04	PASS
		12	0	20.45	PASS
		12	6	20.81	PASS
		12	13	21.01	PASS
		25	0	20.88	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	24.81	PASS
		1	24	24.86	PASS
		1	49	24.83	PASS
		25	0	23.99	PASS
		25	12	23.79	PASS
		25	25	23.86	PASS
		50	0	23.91	PASS
	MCH	1	0	23.47	PASS
		1	24	23.41	PASS
		1	49	22.75	PASS
		25	0	22.25	PASS
		25	12	22.18	PASS
		25	25	21.94	PASS
		50	0	21.98	PASS
	HCH	1	0	22.00	PASS
		1	24	22.81	PASS
		1	49	22.69	PASS
		25	0	21.09	PASS
		25	12	21.31	PASS
		25	25	21.64	PASS
		50	0	21.16	PASS
16QAM	LCH	1	0	24.39	PASS
		1	24	23.92	PASS
		1	49	23.87	PASS
		25	0	22.96	PASS
		25	12	22.85	PASS
		25	25	23.04	PASS
		50	0	22.95	PASS

	MCH	1	0	22.01	PASS
		1	24	22.92	PASS
		1	49	22.32	PASS
		25	0	21.10	PASS
		25	12	21.16	PASS
		25	25	20.94	PASS
		50	0	21.04	PASS
	HCH	1	0	21.08	PASS
		1	24	22.06	PASS
		1	49	21.95	PASS
		25	0	20.11	PASS
		25	12	20.39	PASS
		25	25	20.83	PASS
		50	0	20.17	PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	24.64	PASS
		1	37	24.74	PASS
		1	74	24.52	PASS
		37	0	23.80	PASS
		37	18	23.76	PASS
		37	38	23.82	PASS
		75	0	23.82	PASS
	MCH	1	0	23.52	PASS
		1	37	23.50	PASS
		1	74	22.37	PASS
		37	0	22.13	PASS
		37	18	22.13	PASS
		37	38	21.78	PASS
		75	0	21.90	PASS
	HCH	1	0	21.65	PASS
		1	37	22.44	PASS
		1	74	22.60	PASS
		37	0	20.78	PASS
		37	18	21.18	PASS
		37	38	21.42	PASS
		75	0	20.99	PASS
16QAM	LCH	1	0	24.51	PASS
		1	37	24.11	PASS
		1	74	23.79	PASS

		37	0	22.84	PASS
		37	18	22.69	PASS
		37	38	22.75	PASS
		75	0	22.89	PASS
MCH		1	0	22.62	PASS
		1	37	22.96	PASS
		1	74	22.12	PASS
		37	0	21.21	PASS
		37	18	20.97	PASS
		37	38	20.83	PASS
		75	0	20.95	PASS
		1	0	21.20	PASS
HCH		1	37	21.83	PASS
		1	74	22.50	PASS
		37	0	19.70	PASS
		37	18	20.21	PASS
		37	38	20.46	PASS
		75	0	20.05	PASS

Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	24.91	PASS
		1	49	24.45	PASS
		1	99	24.02	PASS
		50	0	23.80	PASS
		50	25	23.64	PASS
		50	50	23.51	PASS
		100	0	23.68	PASS
	MCH	1	0	23.41	PASS
		1	49	23.41	PASS
		1	99	21.76	PASS
		50	0	22.10	PASS
		50	25	22.02	PASS
		50	50	21.43	PASS
		100	0	21.61	PASS
	HCH	1	0	21.69	PASS
		1	49	22.23	PASS
		1	99	23.00	PASS
		50	0	20.59	PASS
		50	25	20.96	PASS
		50	50	21.25	PASS

		100	0	20.85	PASS
16QAM	LCH	1	0	23.24	PASS
		1	49	22.99	PASS
		1	99	22.36	PASS
		50	0	22.85	PASS
		50	25	22.63	PASS
		50	50	22.50	PASS
		100	0	22.77	PASS
16QAM	MCH	1	0	21.79	PASS
		1	49	22.01	PASS
		1	99	20.27	PASS
		50	0	20.89	PASS
		50	25	21.04	PASS
		50	50	20.49	PASS
		100	0	20.67	PASS
16QAM	HCH	1	0	20.31	PASS
		1	49	20.82	PASS
		1	99	21.98	PASS
		50	0	19.53	PASS
		50	25	19.98	PASS
		50	50	20.30	PASS
		100	0	19.89	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	4.3	<13	PASS
		1	12	4.17	<13	PASS
		1	24	4.34	<13	PASS
		12	0	4.69	<13	PASS
		12	6	4.61	<13	PASS
		12	13	4.68	<13	PASS
		25	0	5.03	<13	PASS
	MCH	1	0	4.65	<13	PASS
		1	12	4.31	<13	PASS
		1	24	4.35	<13	PASS
		12	0	5.25	<13	PASS
		12	6	5.16	<13	PASS
		12	13	5.1	<13	PASS
		25	0	5.43	<13	PASS
16QAM	LCH	1	0	4.31	<13	PASS
		1	12	3.46	<13	PASS
		1	24	3.52	<13	PASS
		12	0	4.99	<13	PASS
		12	6	4.66	<13	PASS
		12	13	4.47	<13	PASS
		25	0	5.05	<13	PASS
	MCH	1	0	5.14	<13	PASS
		1	12	5.08	<13	PASS
		1	24	5.18	<13	PASS
		12	0	5.54	<13	PASS
		12	6	5.46	<13	PASS
		12	13	5.52	<13	PASS
		25	0	5.82	<13	PASS

		12	6	6.07	<13	PASS
		12	13	6	<13	PASS
		25	0	6.3	<13	PASS
HCH		1	0	5.58	<13	PASS
		1	12	4.94	<13	PASS
		1	24	4.71	<13	PASS
		12	0	5.9	<13	PASS
		12	6	5.62	<13	PASS
		12	13	5.45	<13	PASS
		25	0	5.94	<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	4.22	<13	PASS
		1	24	4.26	<13	PASS
		1	49	4.39	<13	PASS
		25	0	4.74	<13	PASS
		25	12	4.68	<13	PASS
		25	25	4.79	<13	PASS
		50	0	5.07	<13	PASS
	MCH	1	0	4.64	<13	PASS
		1	24	4.42	<13	PASS
		1	49	4.16	<13	PASS
		25	0	5.27	<13	PASS
		25	12	5.13	<13	PASS
		25	25	5.03	<13	PASS
		50	0	5.36	<13	PASS
	HCH	1	0	4.72	<13	PASS
		1	24	4.11	<13	PASS
		1	49	3.52	<13	PASS
		25	0	5.35	<13	PASS
		25	12	5.16	<13	PASS
		25	25	4.78	<13	PASS
		50	0	5.32	<13	PASS
16QAM	LCH	1	0	4.9	<13	PASS
		1	24	5.06	<13	PASS
		1	49	5.15	<13	PASS
		25	0	5.62	<13	PASS
		25	12	5.54	<13	PASS

		25	25	5.62	<13	PASS
		50	0	5.83	<13	PASS
MCH	1	0	5.63	<13	PASS	
	1	24	5.16	<13	PASS	
	1	49	4.84	<13	PASS	
	25	0	6.22	<13	PASS	
	25	12	6.1	<13	PASS	
	25	25	5.97	<13	PASS	
	50	0	6.2	<13	PASS	
	1	0	5.63	<13	PASS	
HCH	1	24	5.34	<13	PASS	
	1	49	4.43	<13	PASS	
	25	0	6.37	<13	PASS	
	25	12	6.13	<13	PASS	
	25	25	5.83	<13	PASS	
	50	0	6.23	<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	5.25	<13	PASS
		1	37	4.29	<13	PASS
		1	74	5.65	<13	PASS
		37	0	4.62	<13	PASS
		37	18	4.92	<13	PASS
		37	38	4.72	<13	PASS
		75	0	4.84	<13	PASS
	MCH	1	0	5.74	<13	PASS
		1	37	4.26	<13	PASS
		1	74	5.24	<13	PASS
		37	0	5.02	<13	PASS
		37	18	5.28	<13	PASS
		37	38	4.83	<13	PASS
		75	0	4.97	<13	PASS
	HCH	1	0	5.89	<13	PASS
		1	37	4.57	<13	PASS
		1	74	4.89	<13	PASS
		37	0	5.16	<13	PASS
		37	18	5.45	<13	PASS
		37	38	4.87	<13	PASS

		75	0	5.03	<13	PASS
16QAM	LCH	1	0	5.91	<13	PASS
		1	37	5.06	<13	PASS
		1	74	6.29	<13	PASS
		37	0	5.81	<13	PASS
		37	18	5.7	<13	PASS
		37	38	5.88	<13	PASS
		75	0	6.08	<13	PASS
	MCH	1	0	6.74	<13	PASS
		1	37	4.85	<13	PASS
		1	74	5.78	<13	PASS
		37	0	6.22	<13	PASS
		37	18	6.14	<13	PASS
		37	38	6.06	<13	PASS
		75	0	6.3	<13	PASS
	HCH	1	0	6.79	<13	PASS
		1	37	5.28	<13	PASS
		1	74	5.32	<13	PASS
		37	0	6.34	<13	PASS
		37	18	6.36	<13	PASS
		37	38	6.17	<13	PASS
		75	0	6.43	<13	PASS

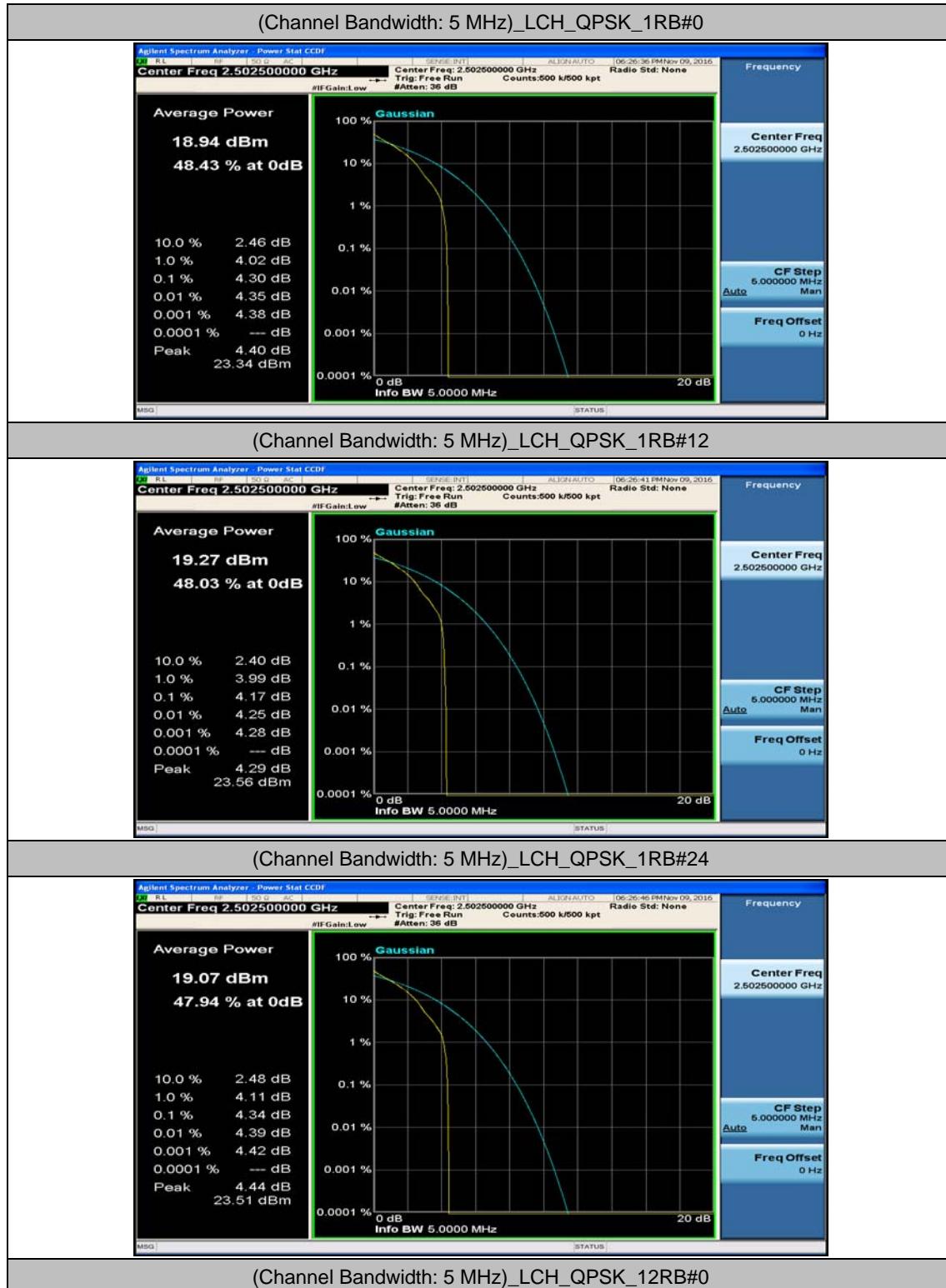
Channel Bandwidth: 20 MHz

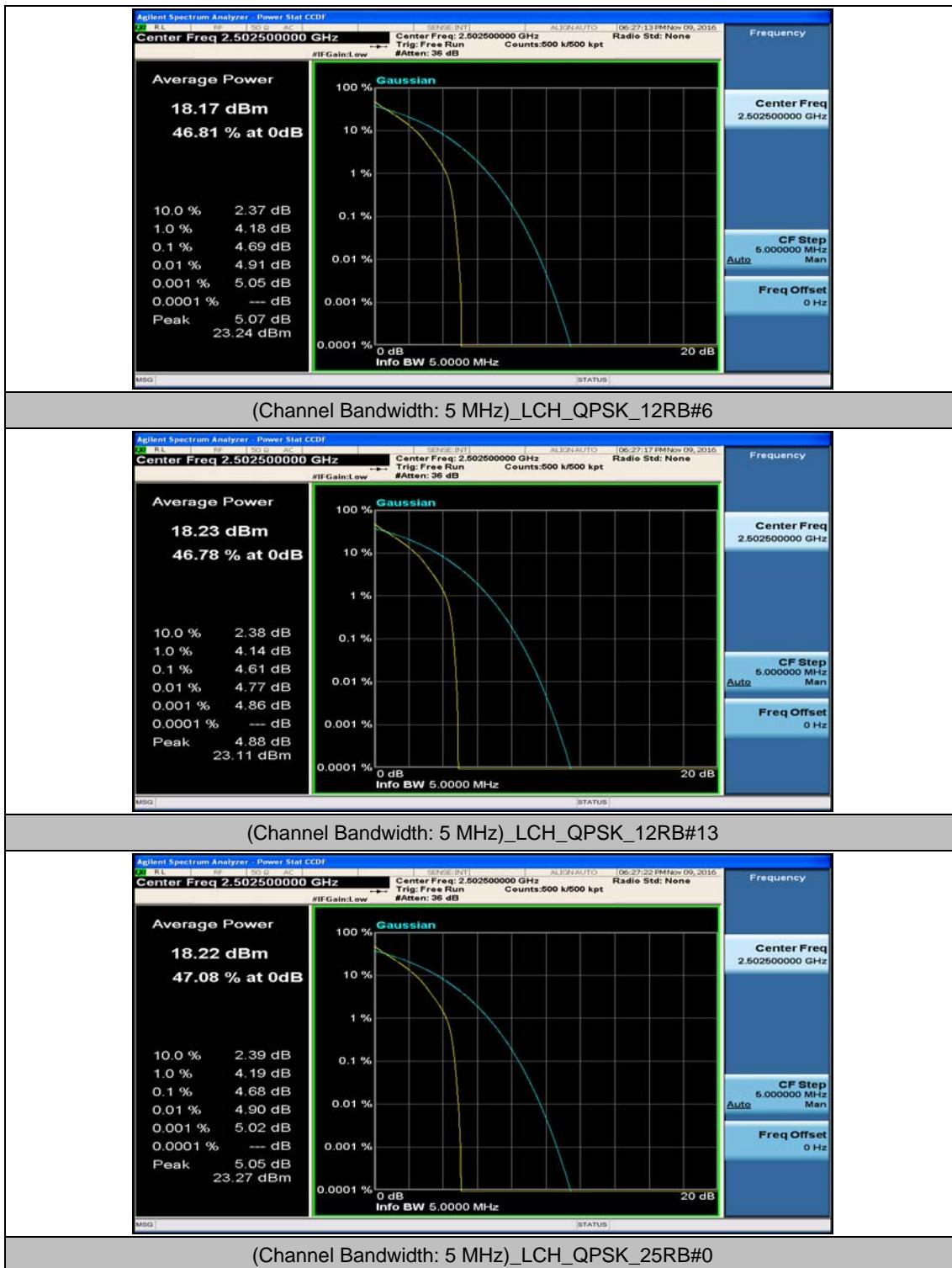
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.99	<13	PASS
		1	49	4.4	<13	PASS
		1	99	5.93	<13	PASS
		50	0	5.47	<13	PASS
		50	25	5.07	<13	PASS
		50	50	5.8	<13	PASS
		100	0	5.67	<13	PASS
	MCH	1	0	5.56	<13	PASS
		1	49	4.34	<13	PASS
		1	99	5.56	<13	PASS
		50	0	5.74	<13	PASS
		50	25	5.32	<13	PASS
		50	50	5.97	<13	PASS
		100	0	5.73	<13	PASS

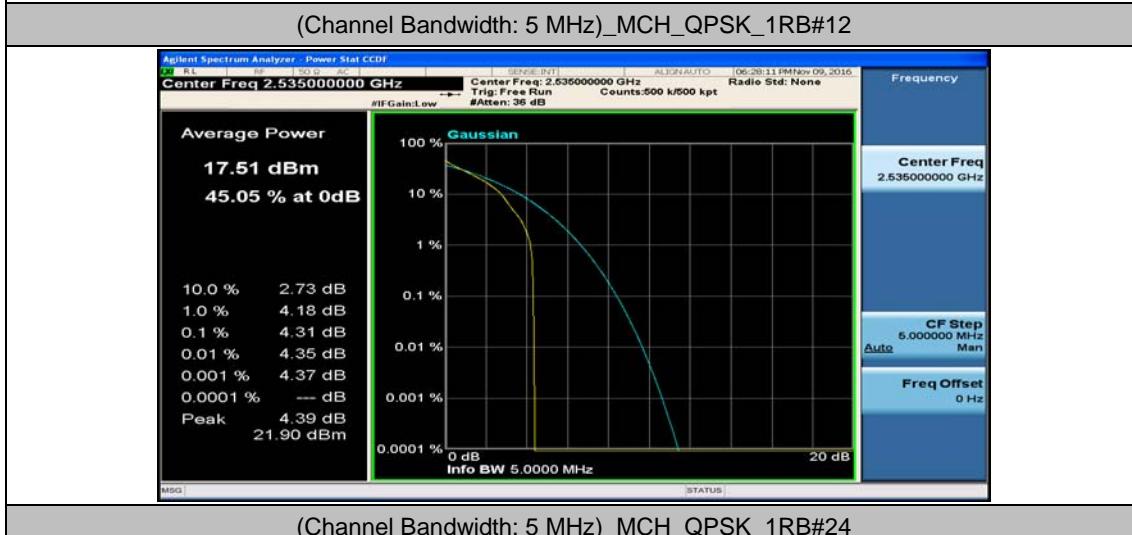
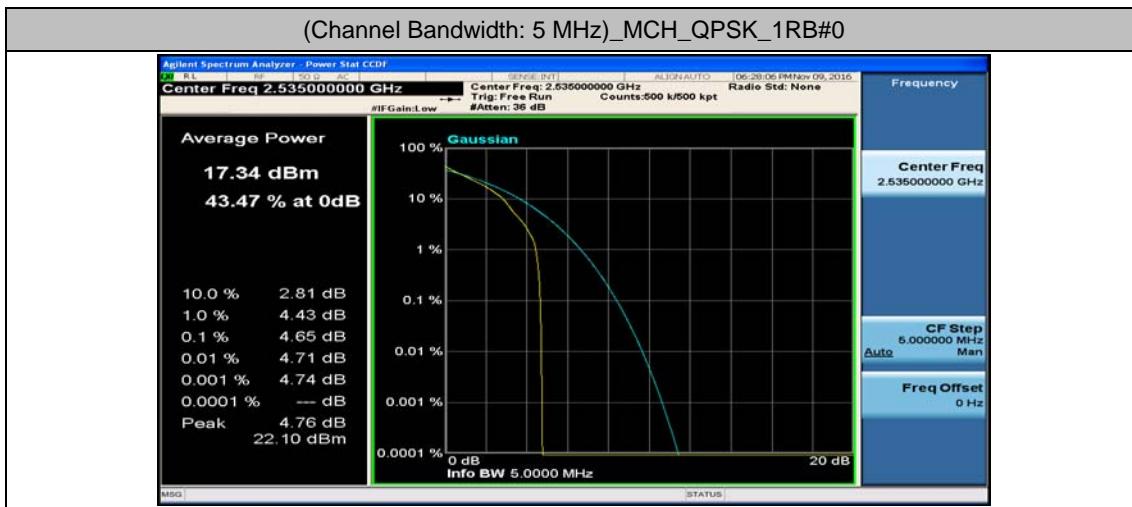
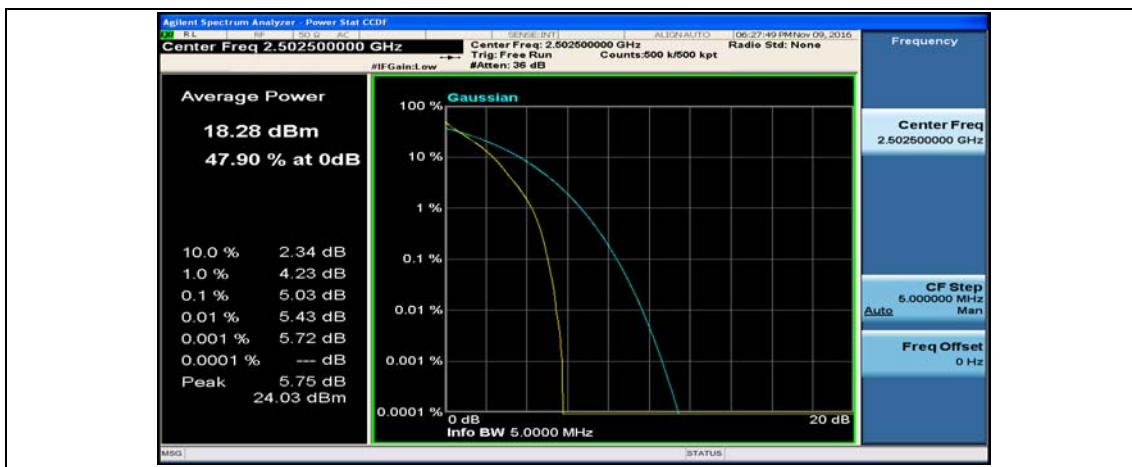
		1	0	6.71	<13	PASS
		1	49	4.53	<13	PASS
		1	99	6.06	<13	PASS
	HCH	50	0	5.83	<13	PASS
		50	25	5.51	<13	PASS
		50	50	6.11	<13	PASS
		100	0	5.81	<13	PASS
16QAM	LCH	1	0	4.75	<13	PASS
		1	49	5.12	<13	PASS
		1	99	6.12	<13	PASS
		50	0	6.51	<13	PASS
		50	25	5.86	<13	PASS
		50	50	6.49	<13	PASS
		100	0	6.64	<13	PASS
	MCH	1	0	6.64	<13	PASS
		1	49	5.4	<13	PASS
		1	99	5.99	<13	PASS
		50	0	6.73	<13	PASS
		50	25	6.2	<13	PASS
		50	50	6.74	<13	PASS
		100	0	6.84	<13	PASS
	HCH	1	0	6.87	<13	PASS
		1	49	5.64	<13	PASS
		1	99	5.98	<13	PASS
		50	0	6.83	<13	PASS
		50	25	6.41	<13	PASS
		50	50	6.85	<13	PASS
		100	0	6.83	<13	PASS

Test Graphs

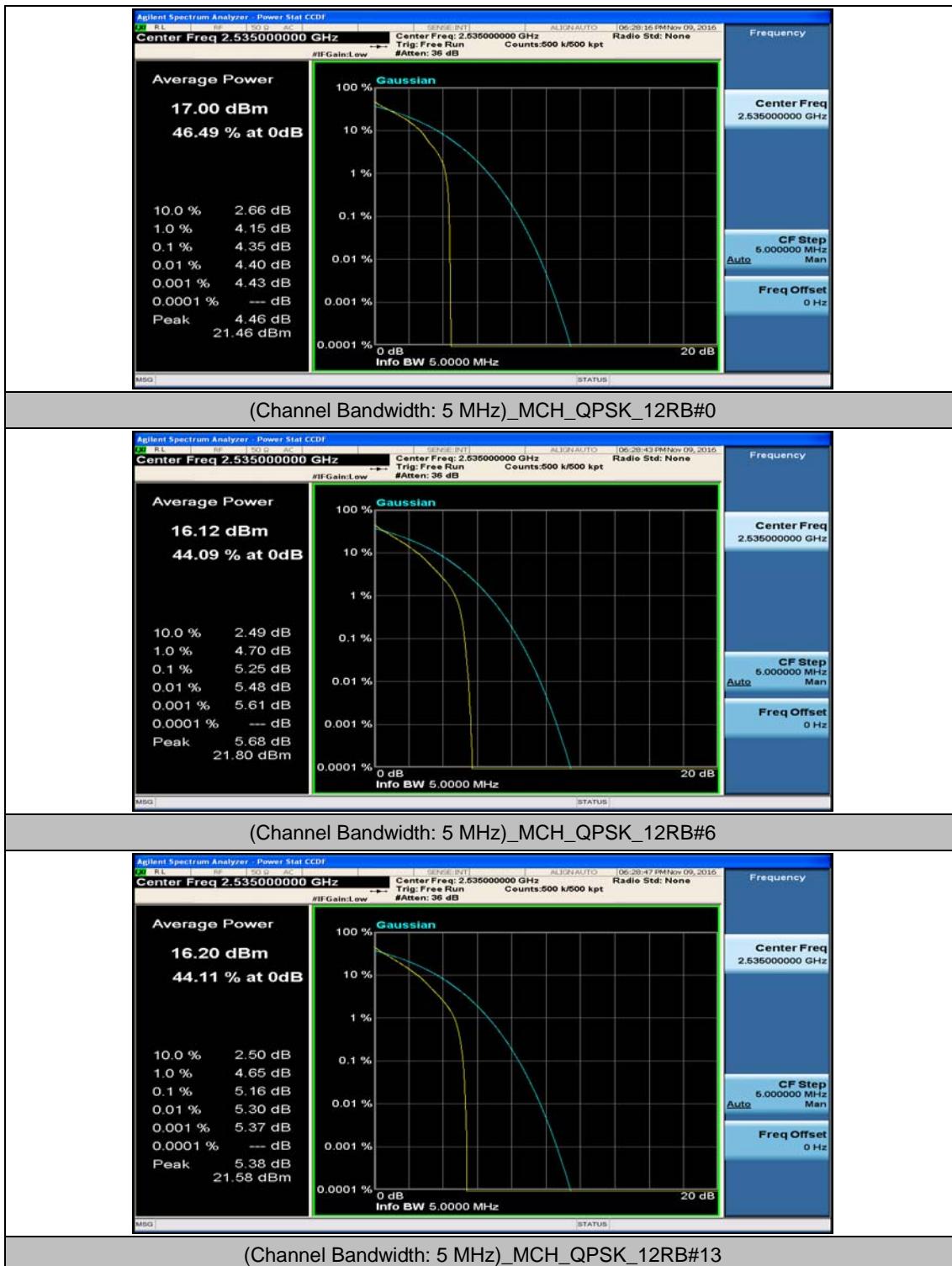
Channel Bandwidth: 5 MHz

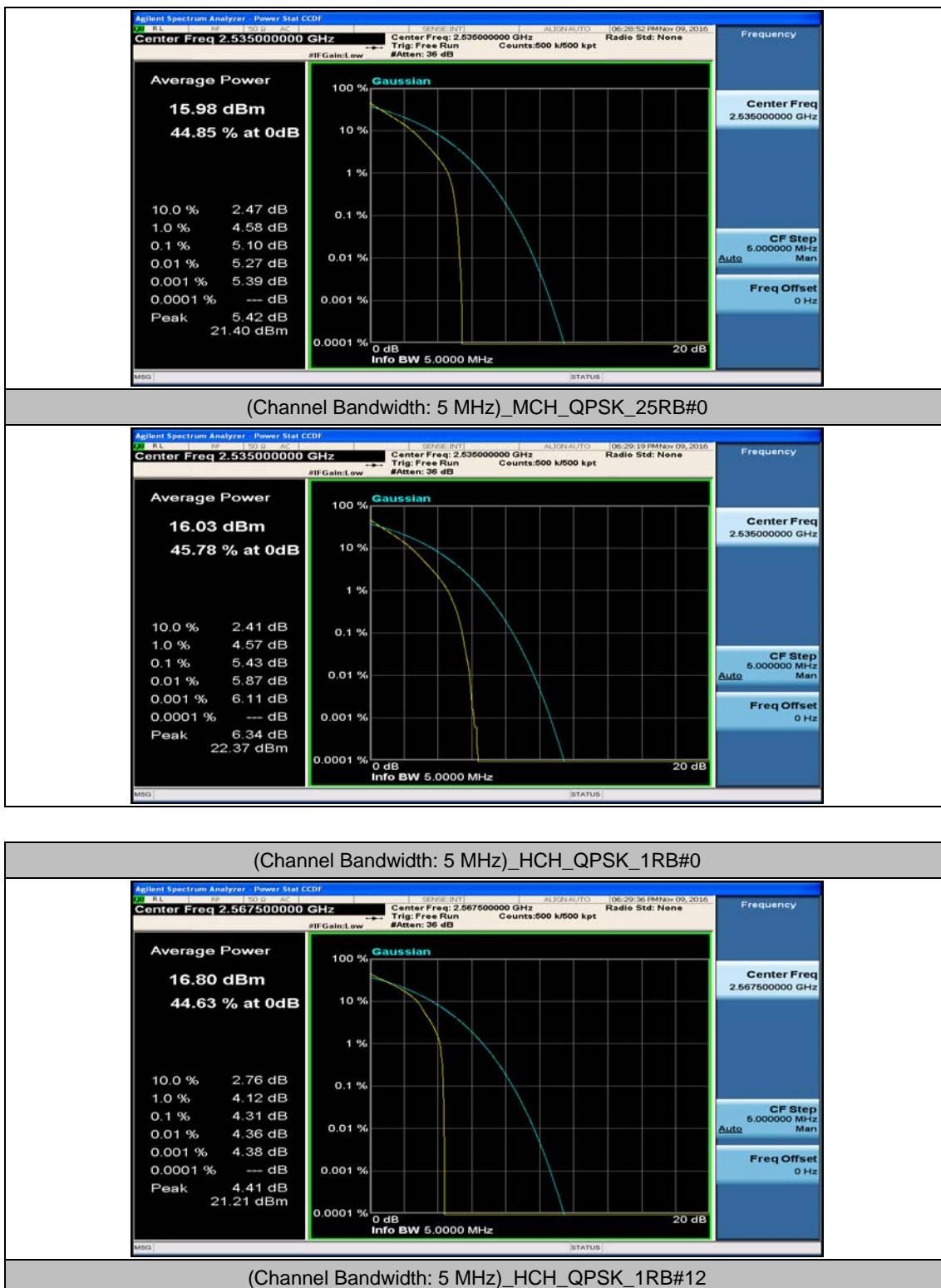


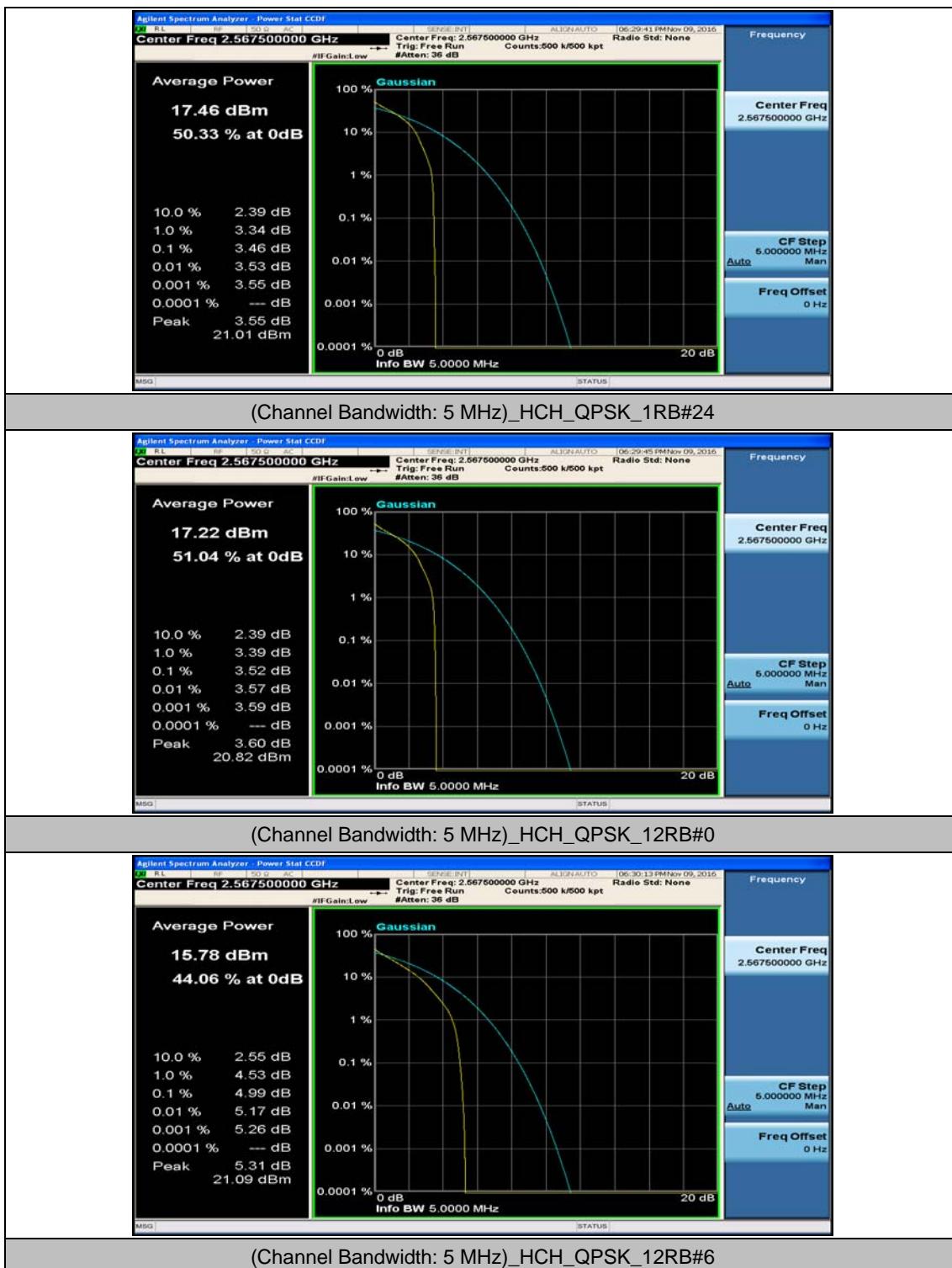


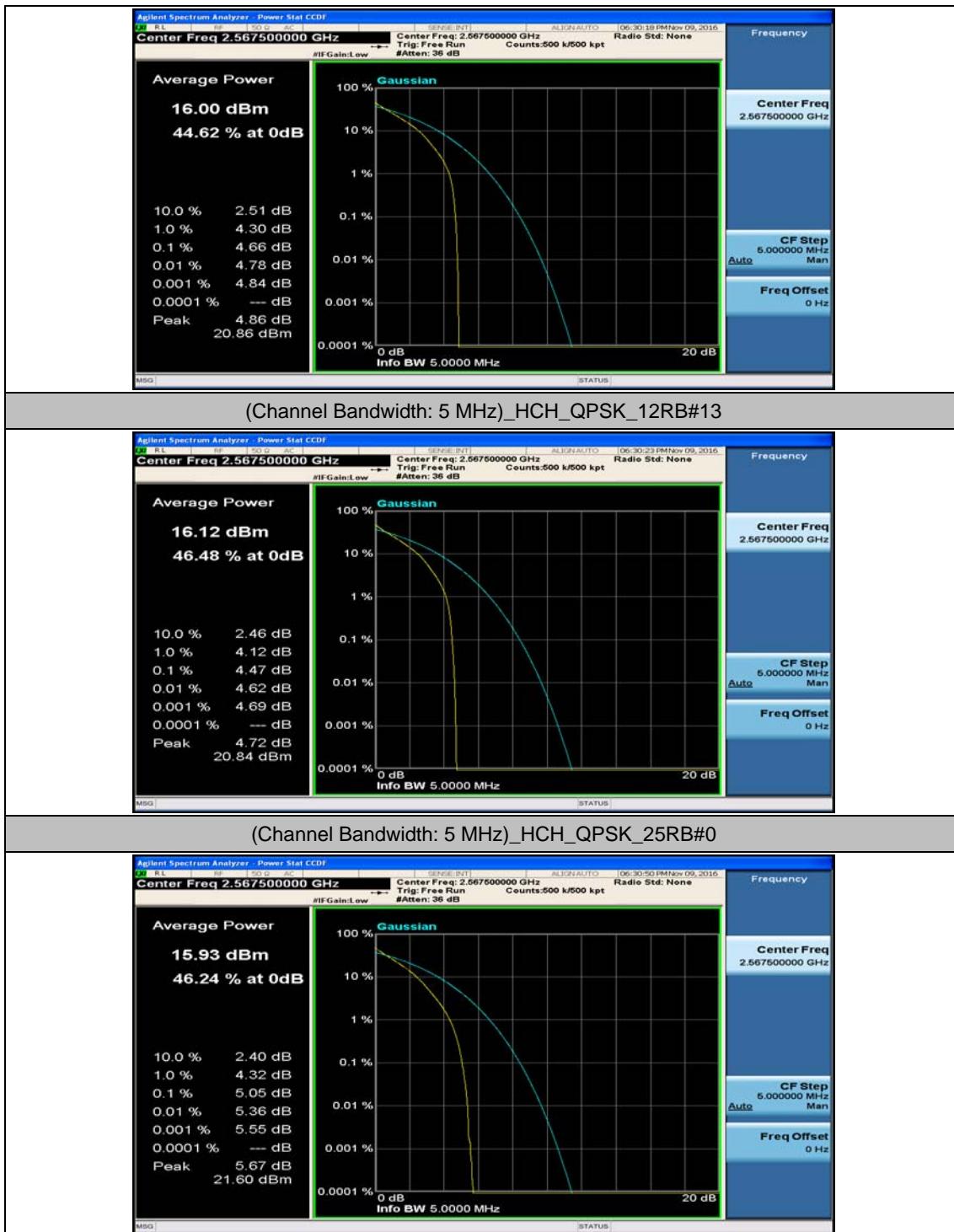


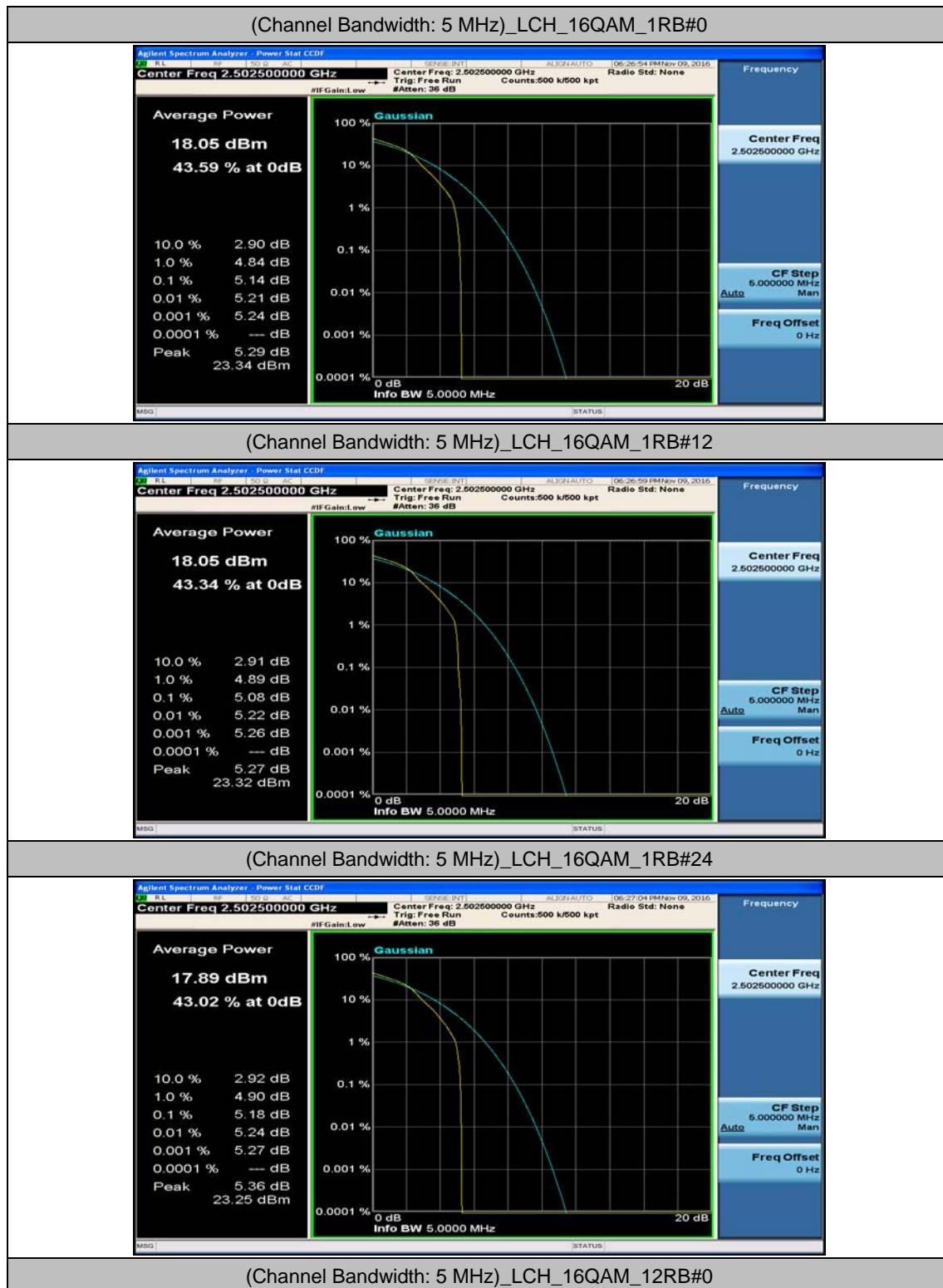
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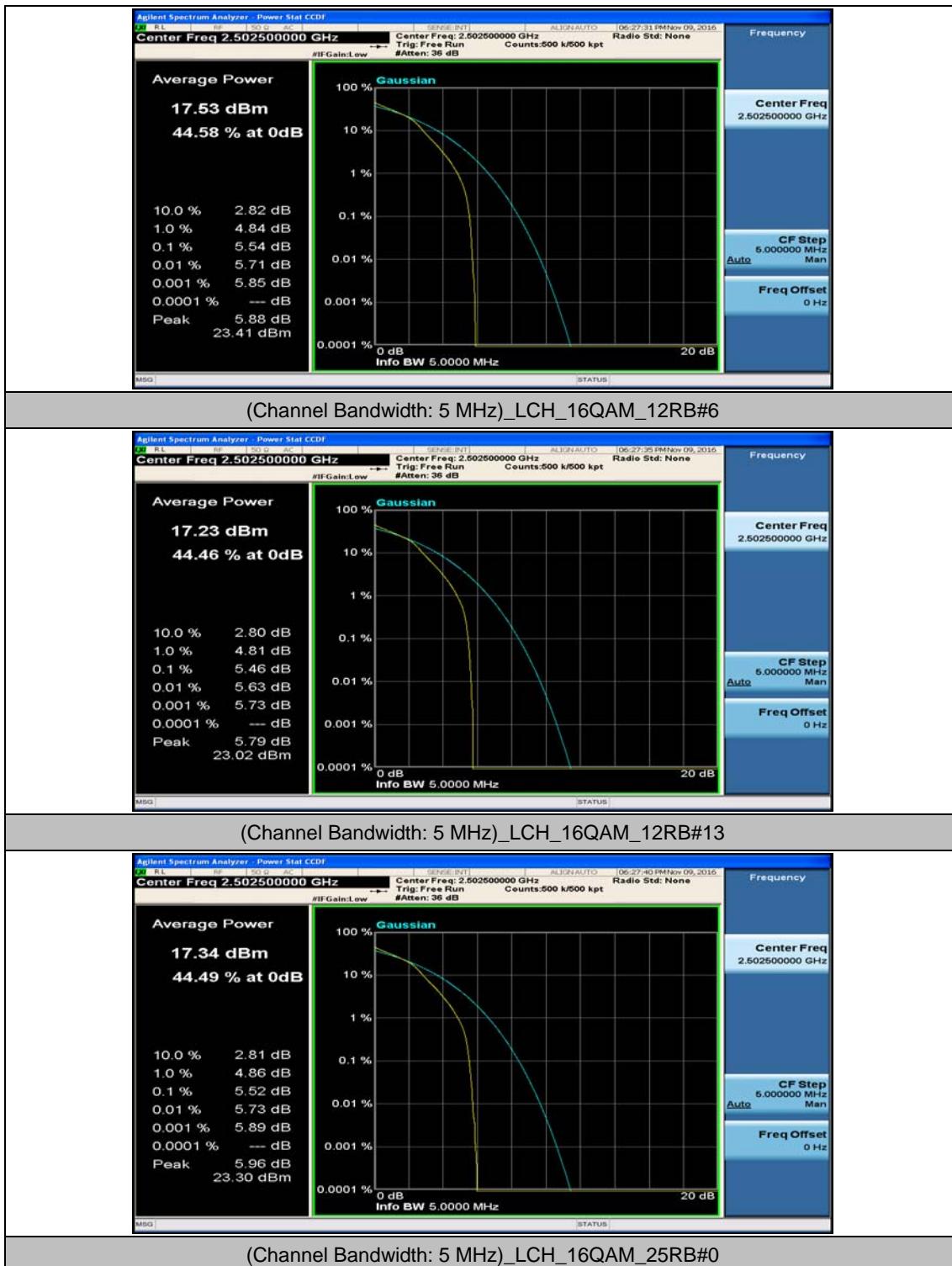


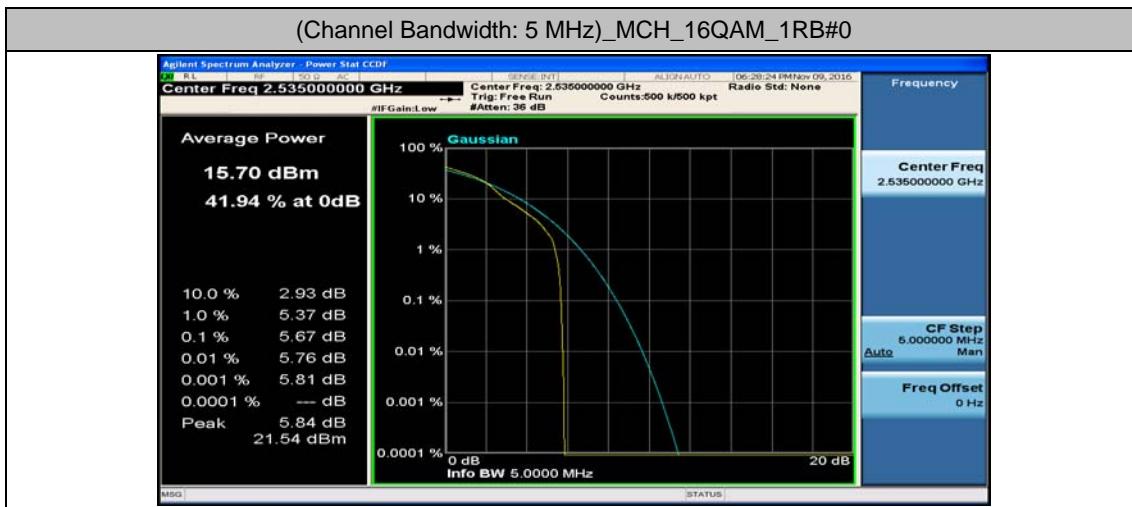




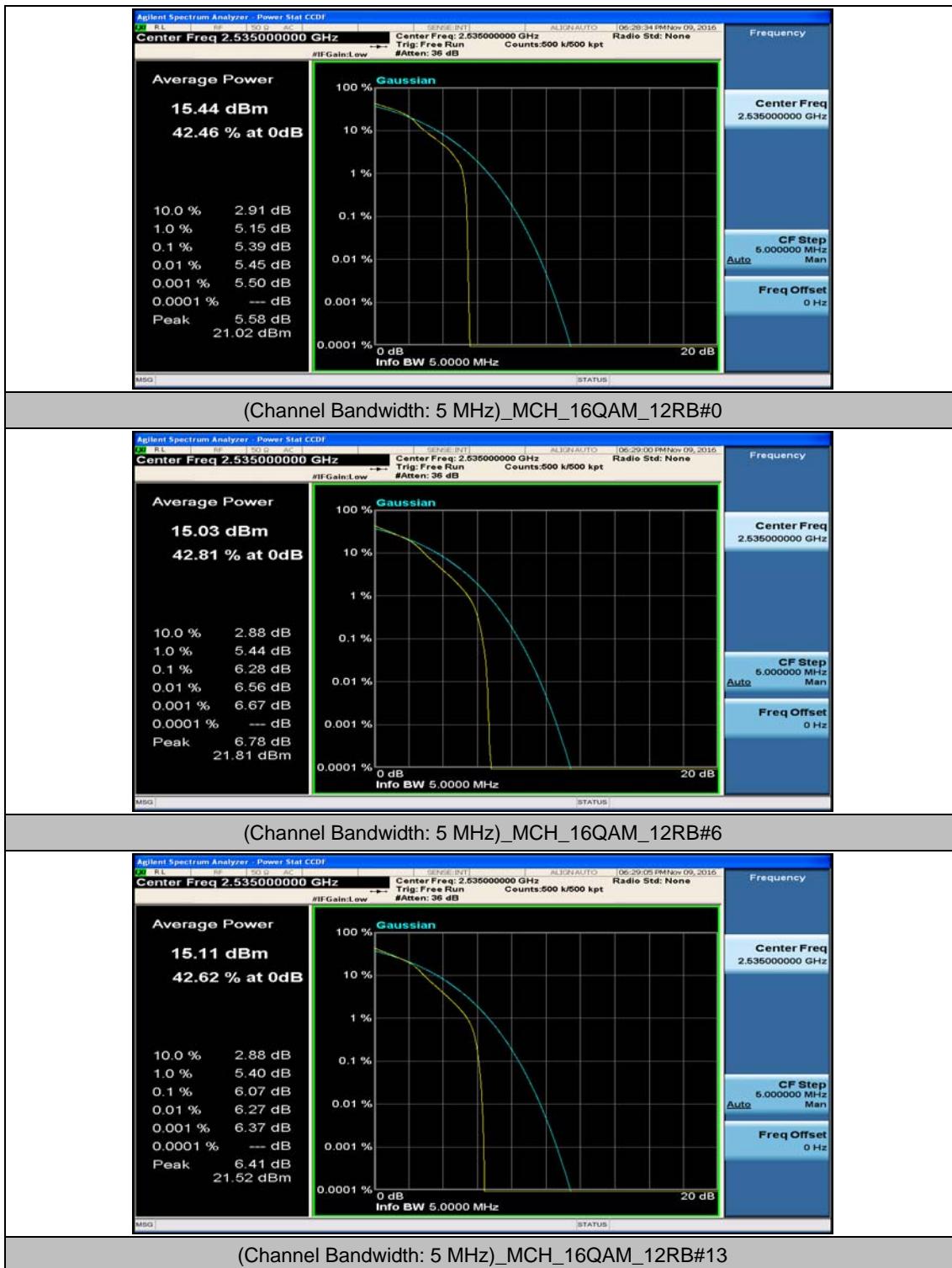


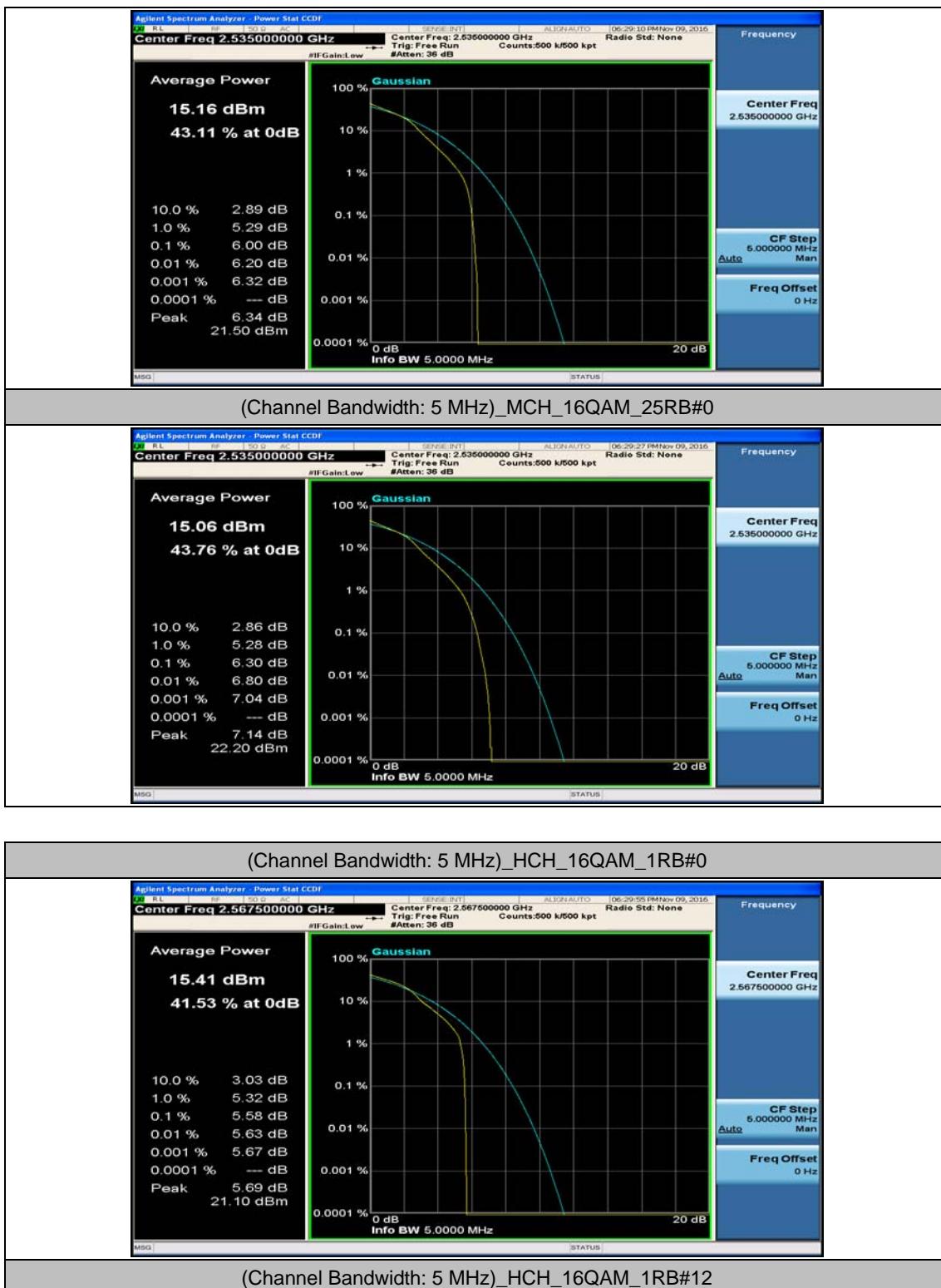


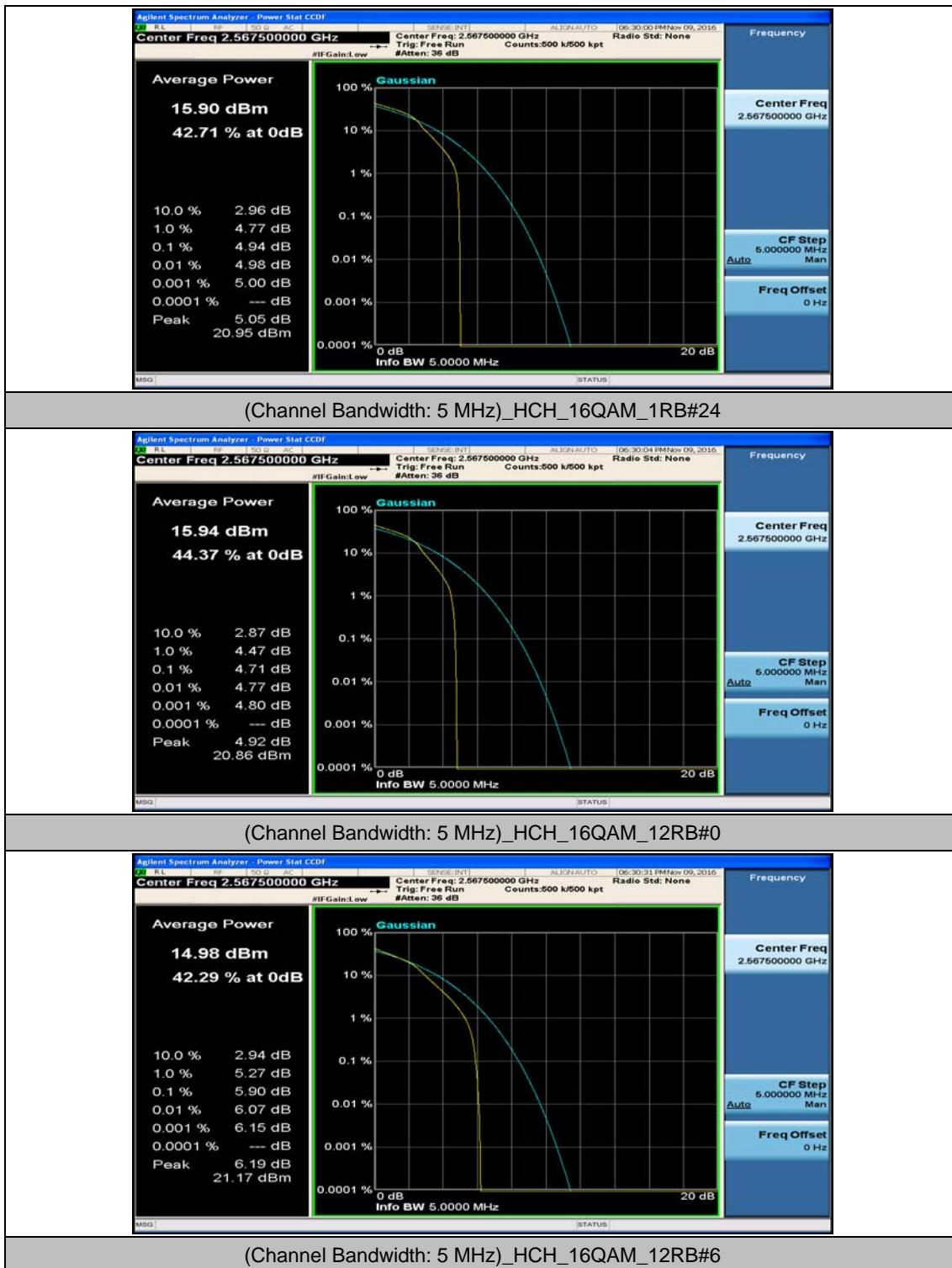


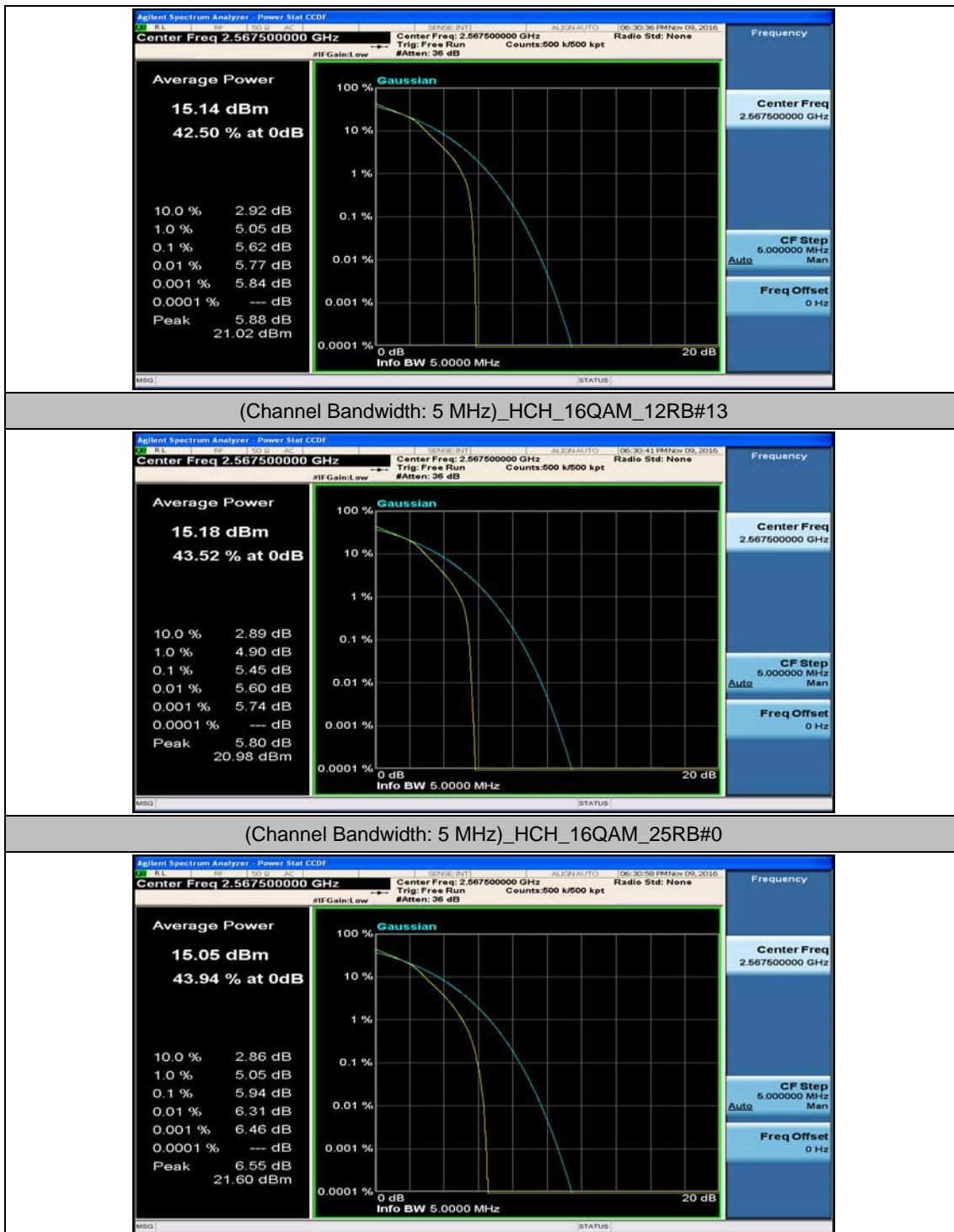


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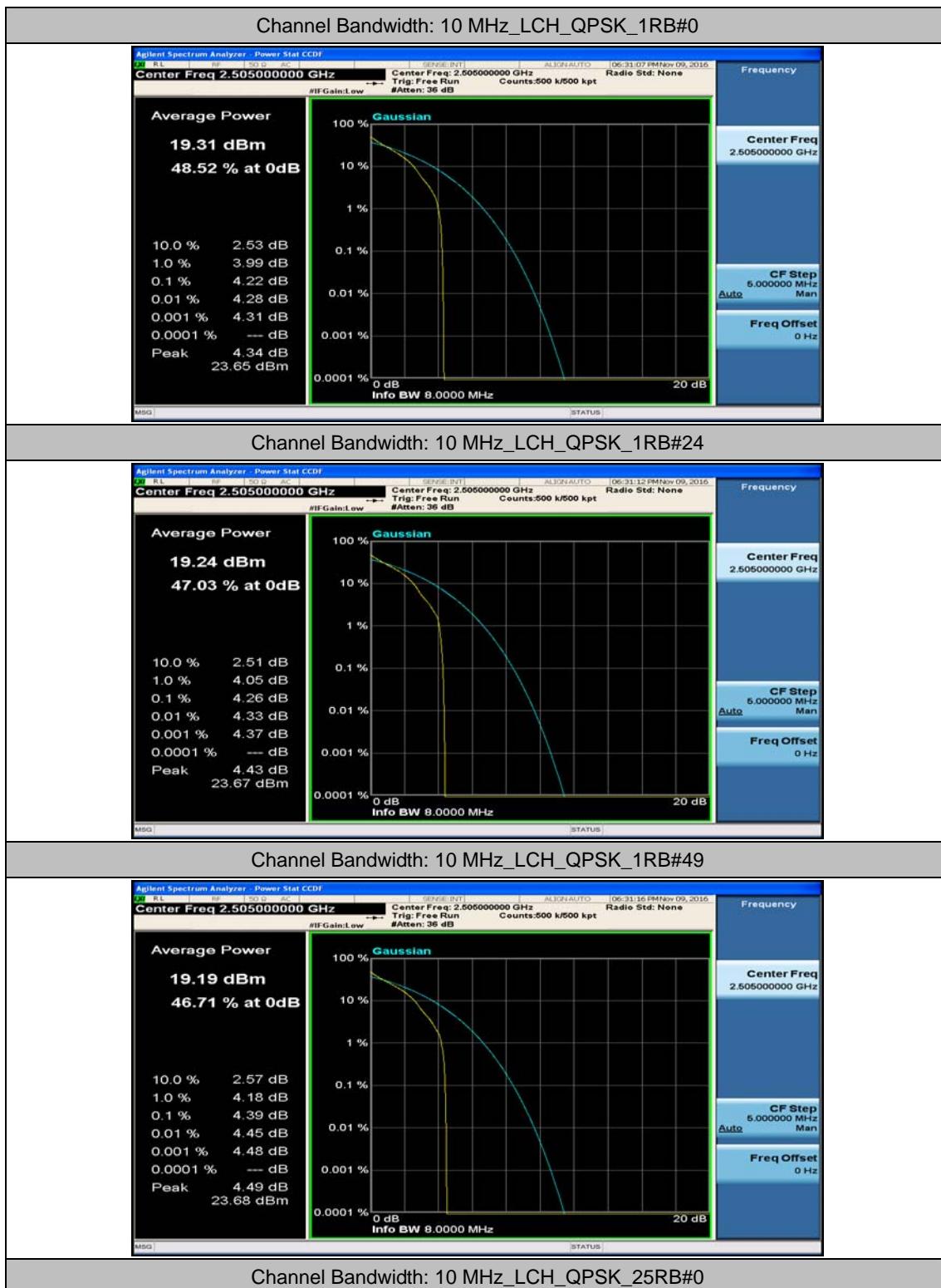


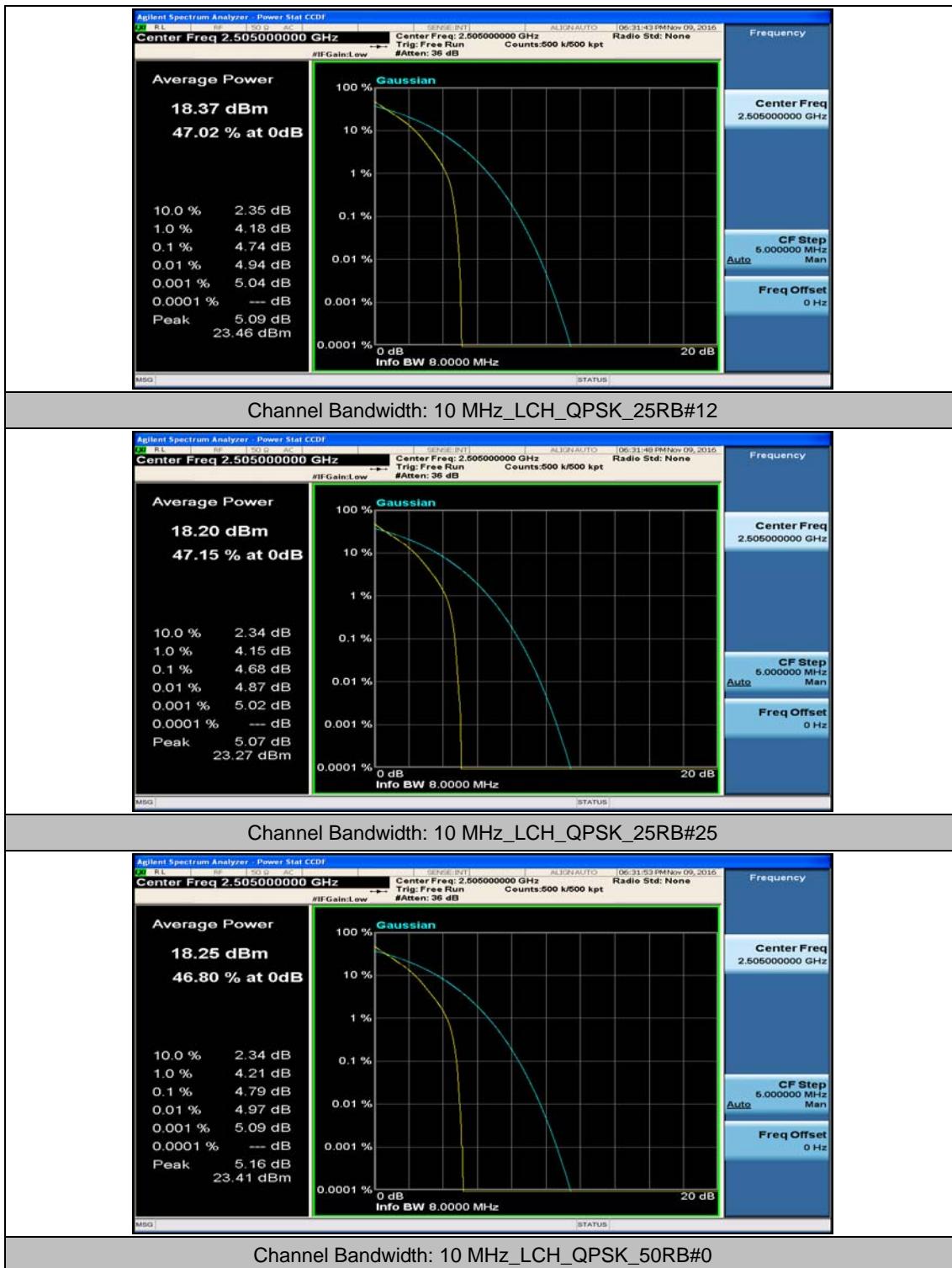


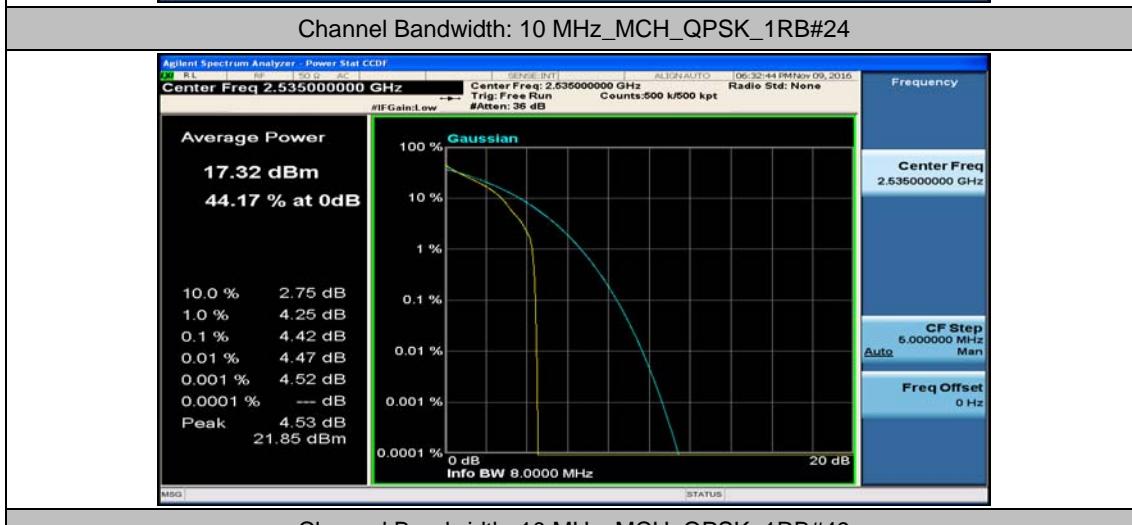
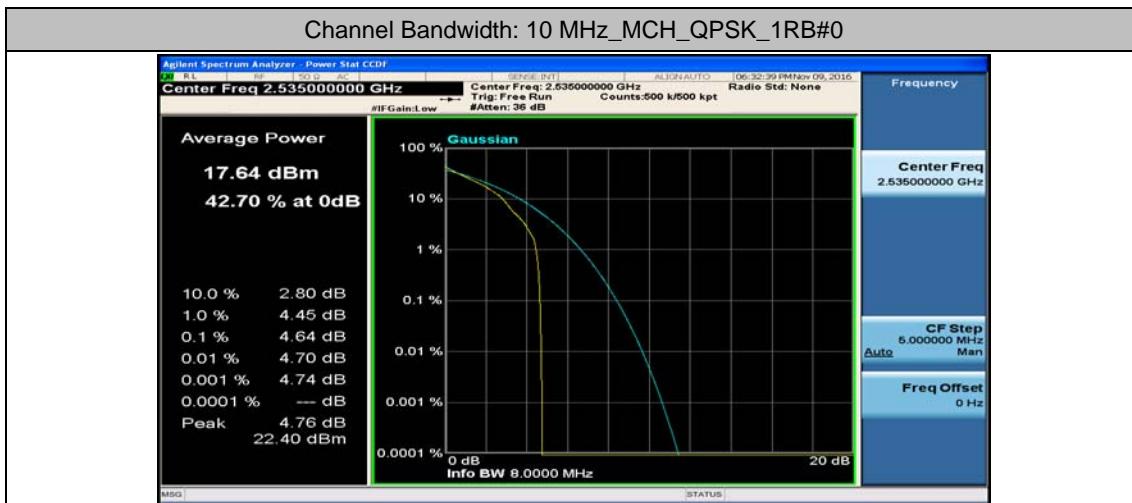
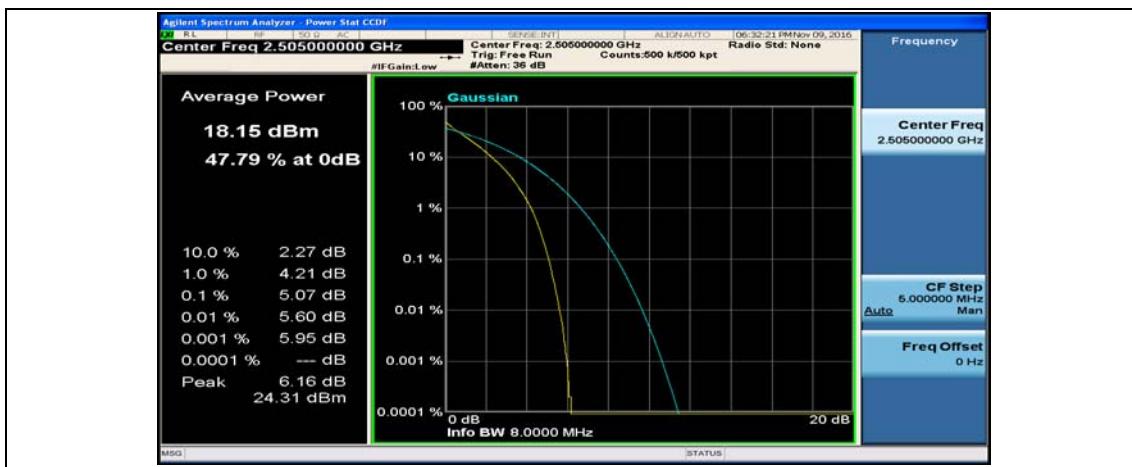




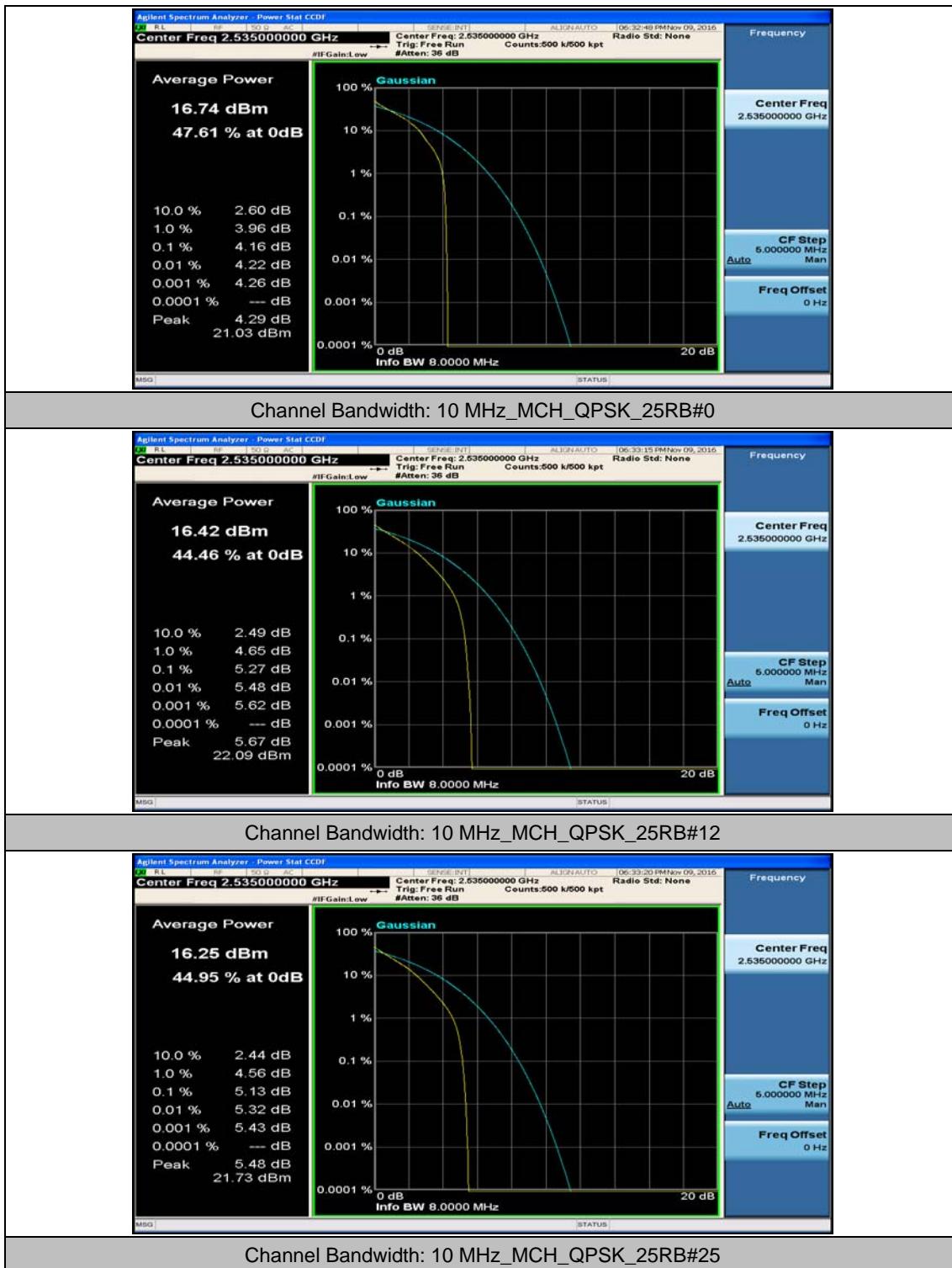
Channel Bandwidth: 10 MHz

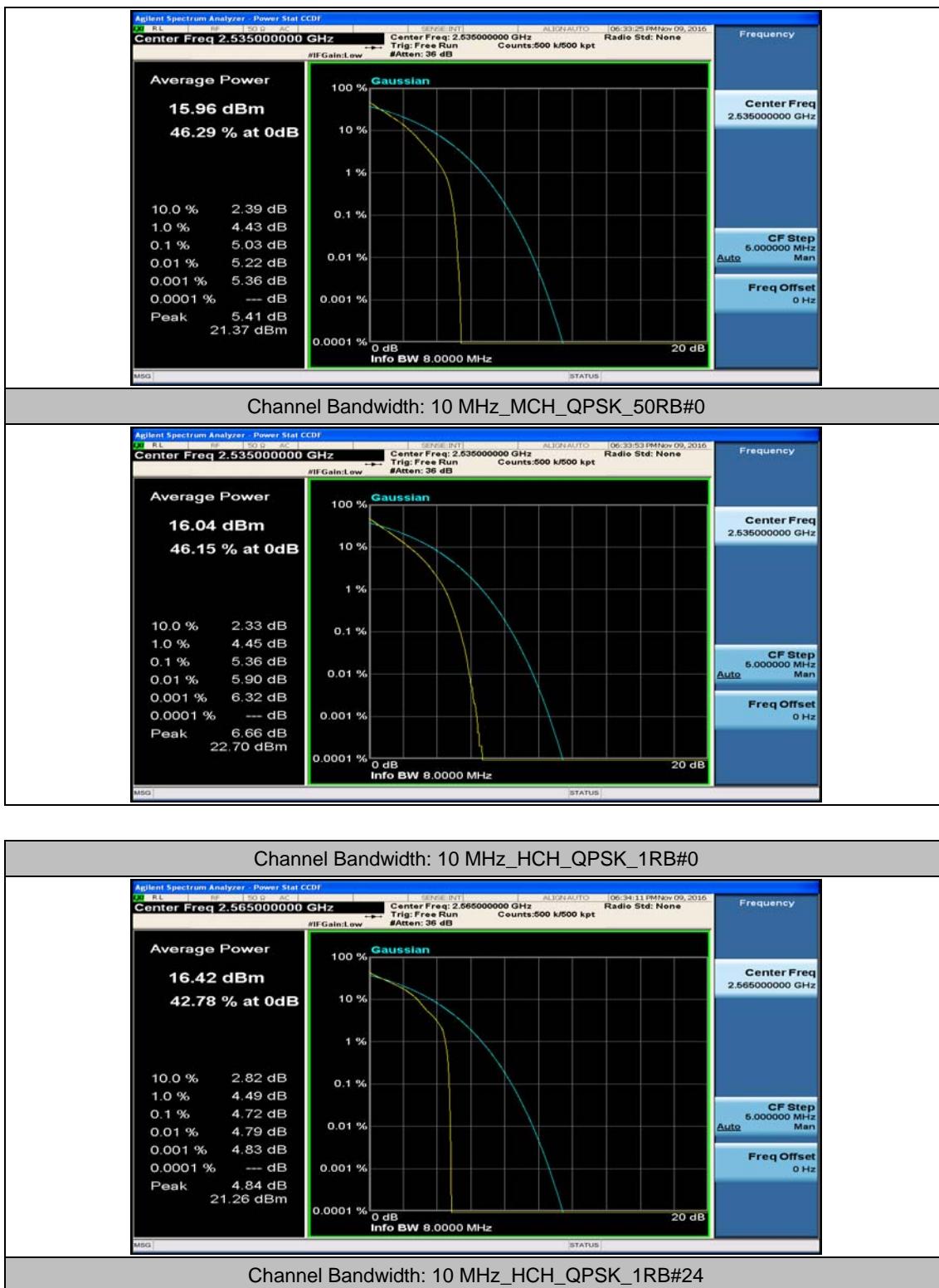


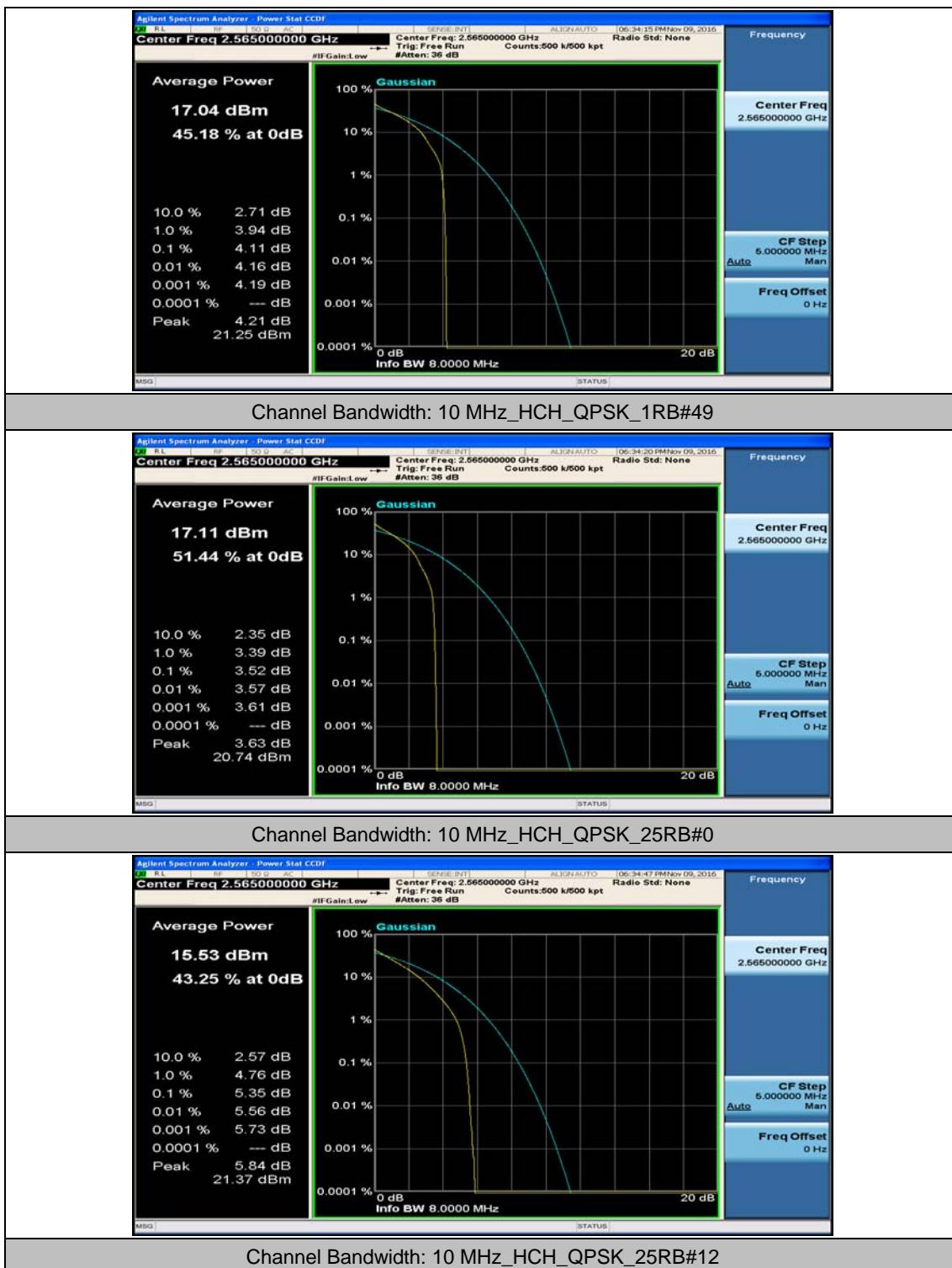


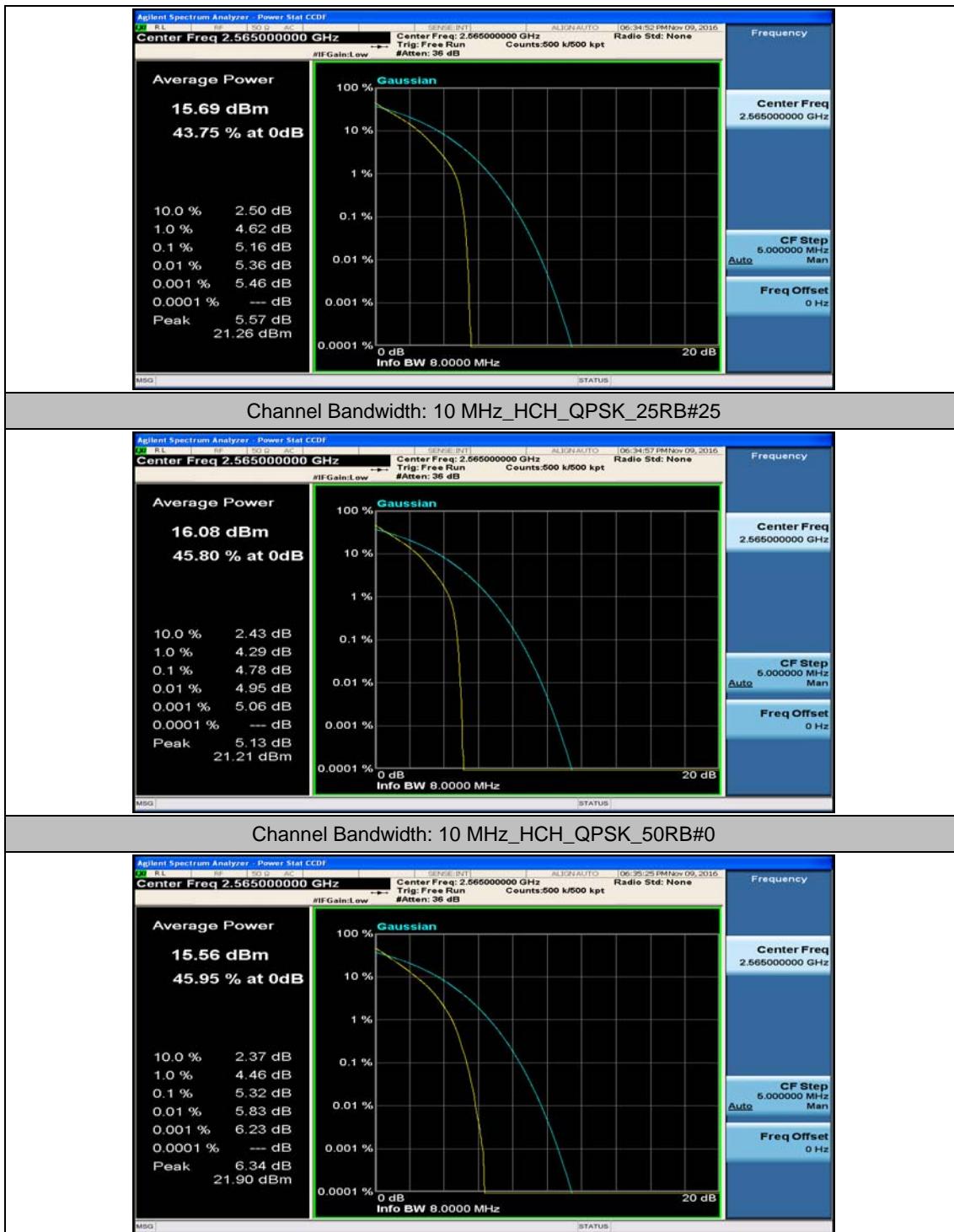


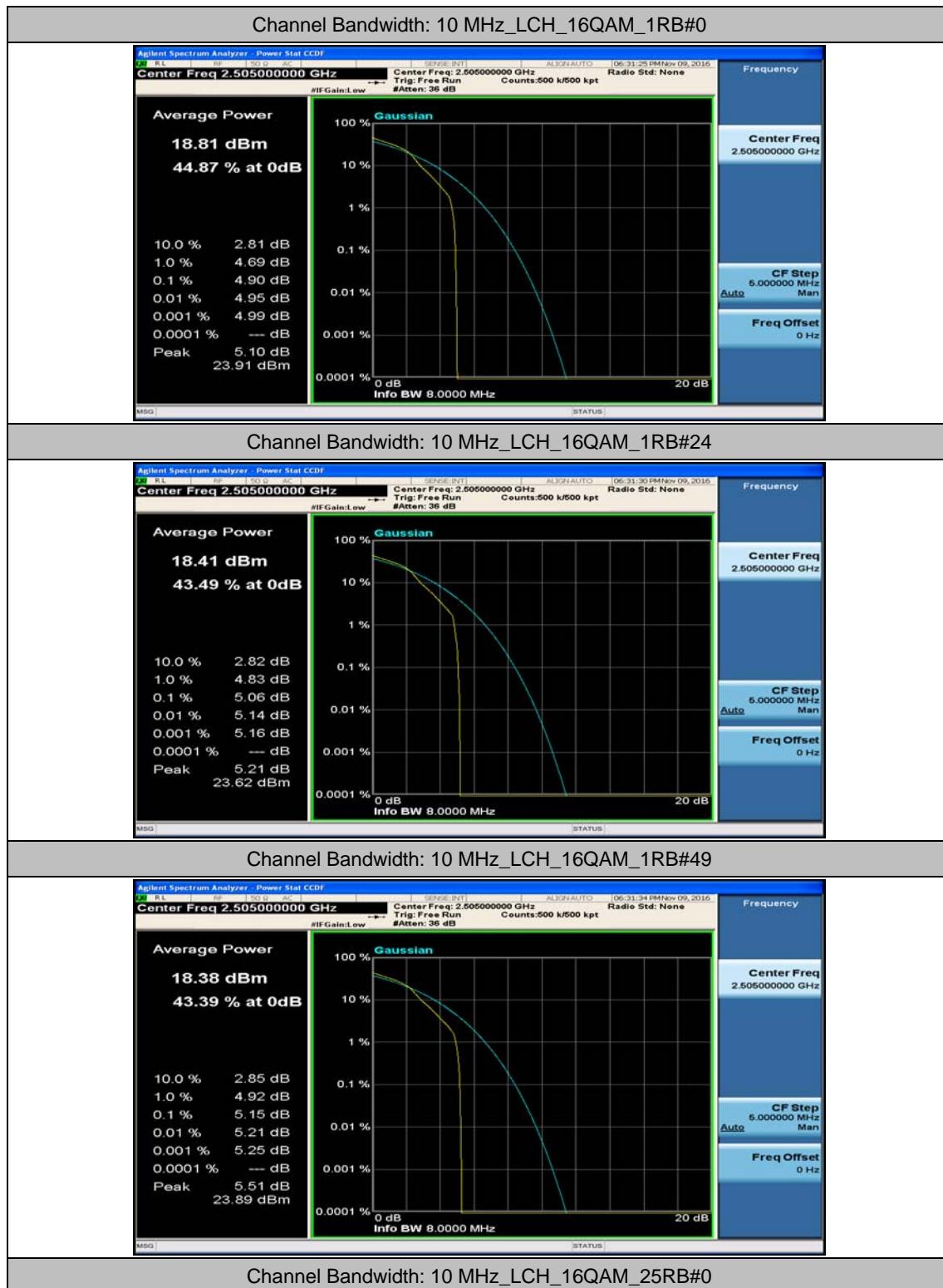
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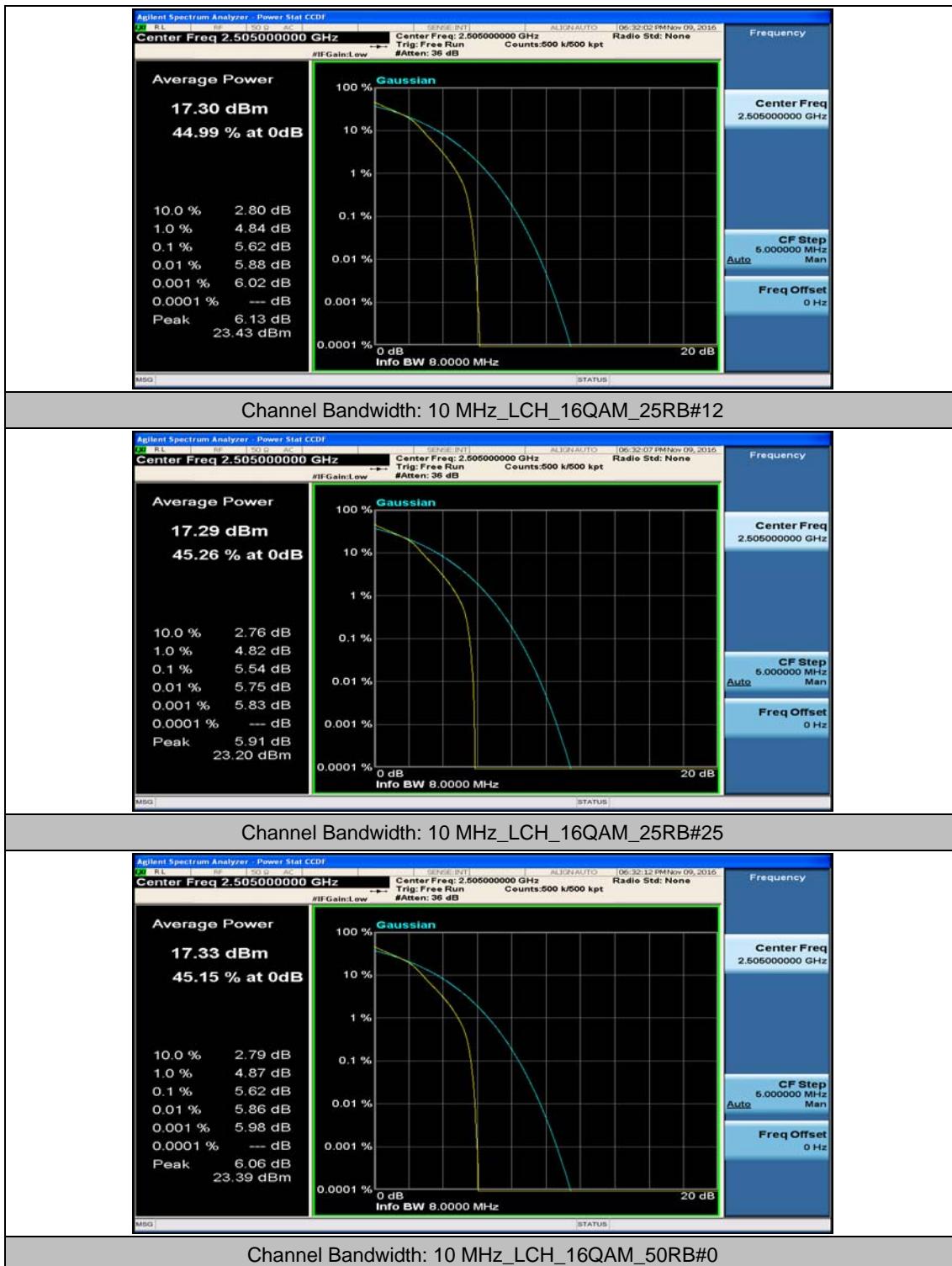


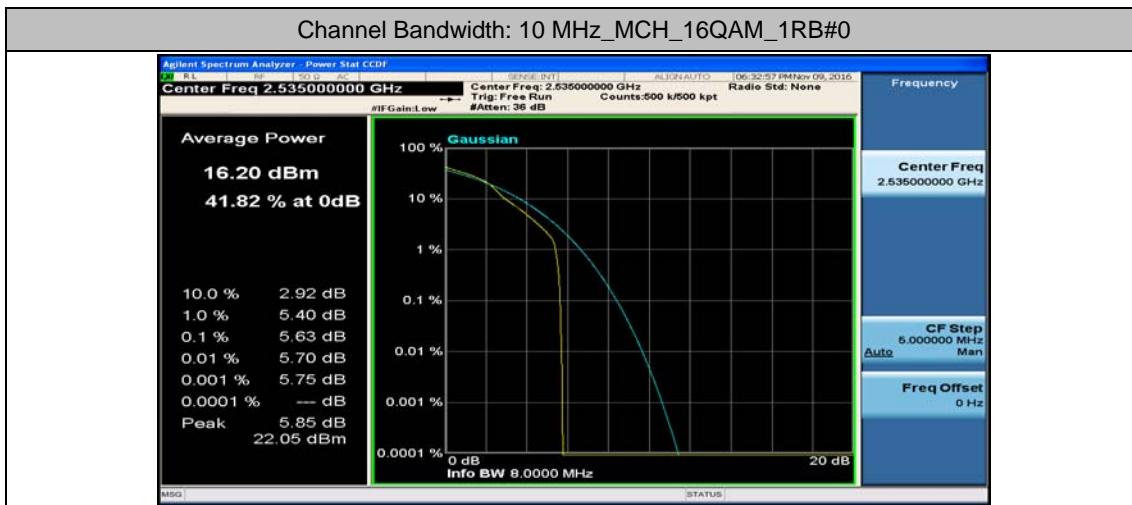
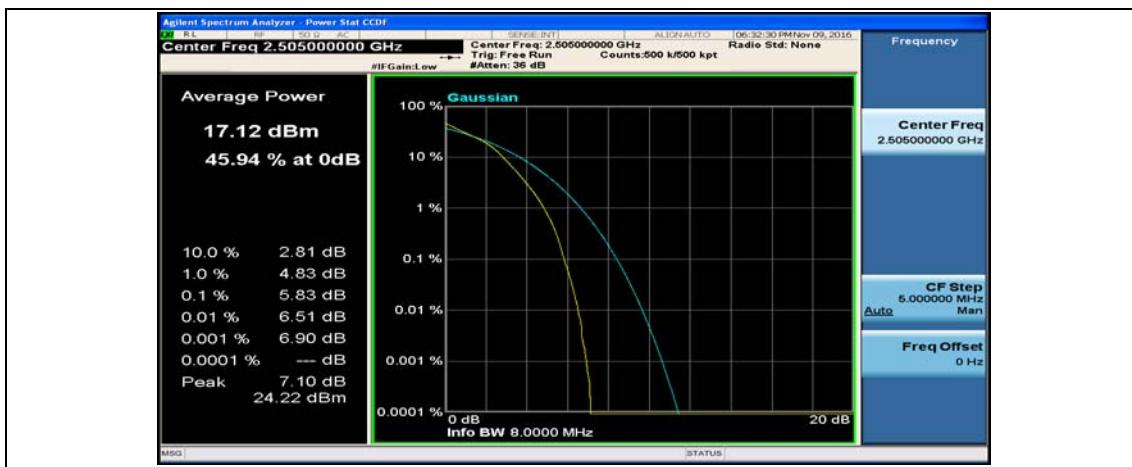




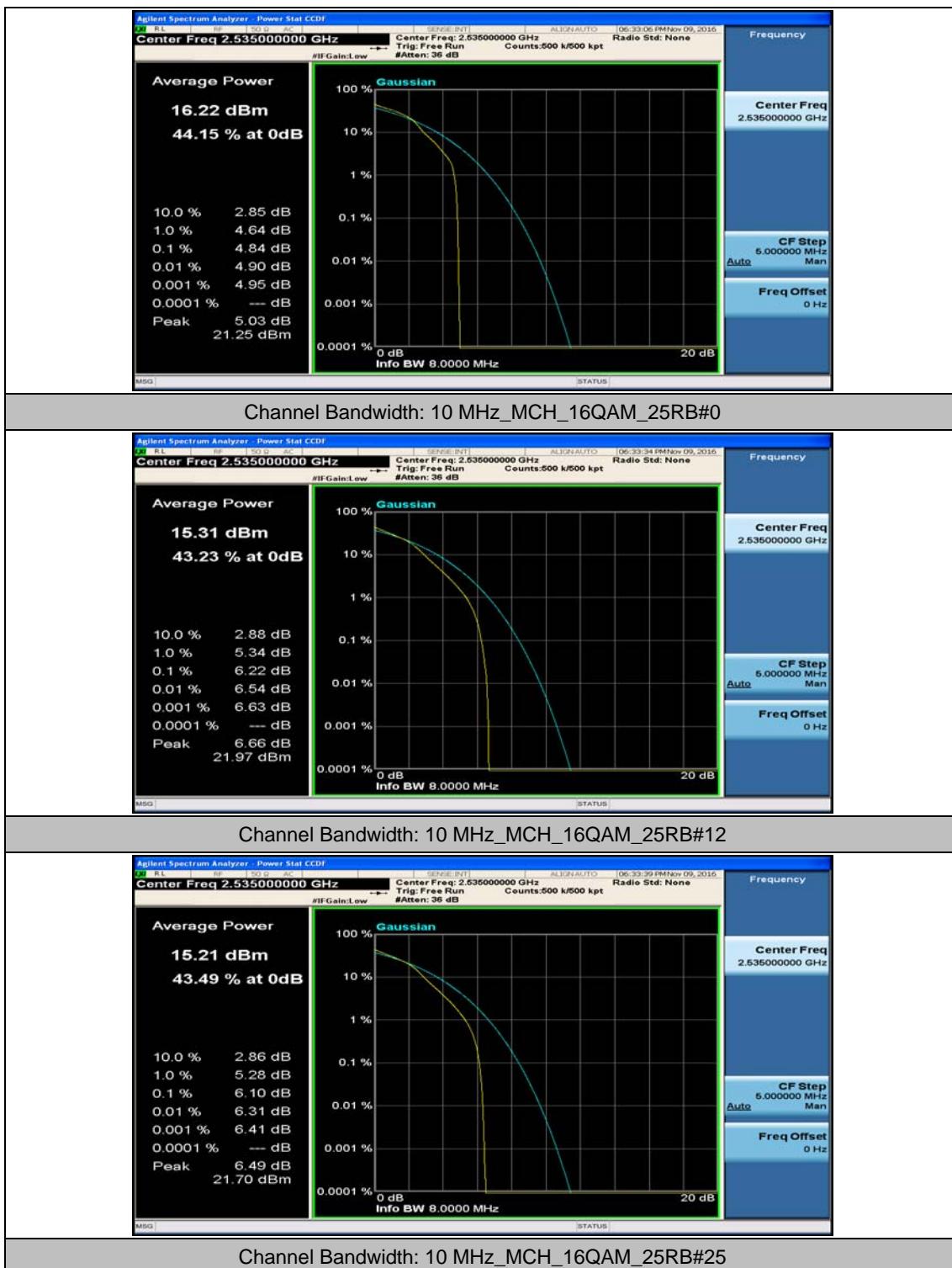


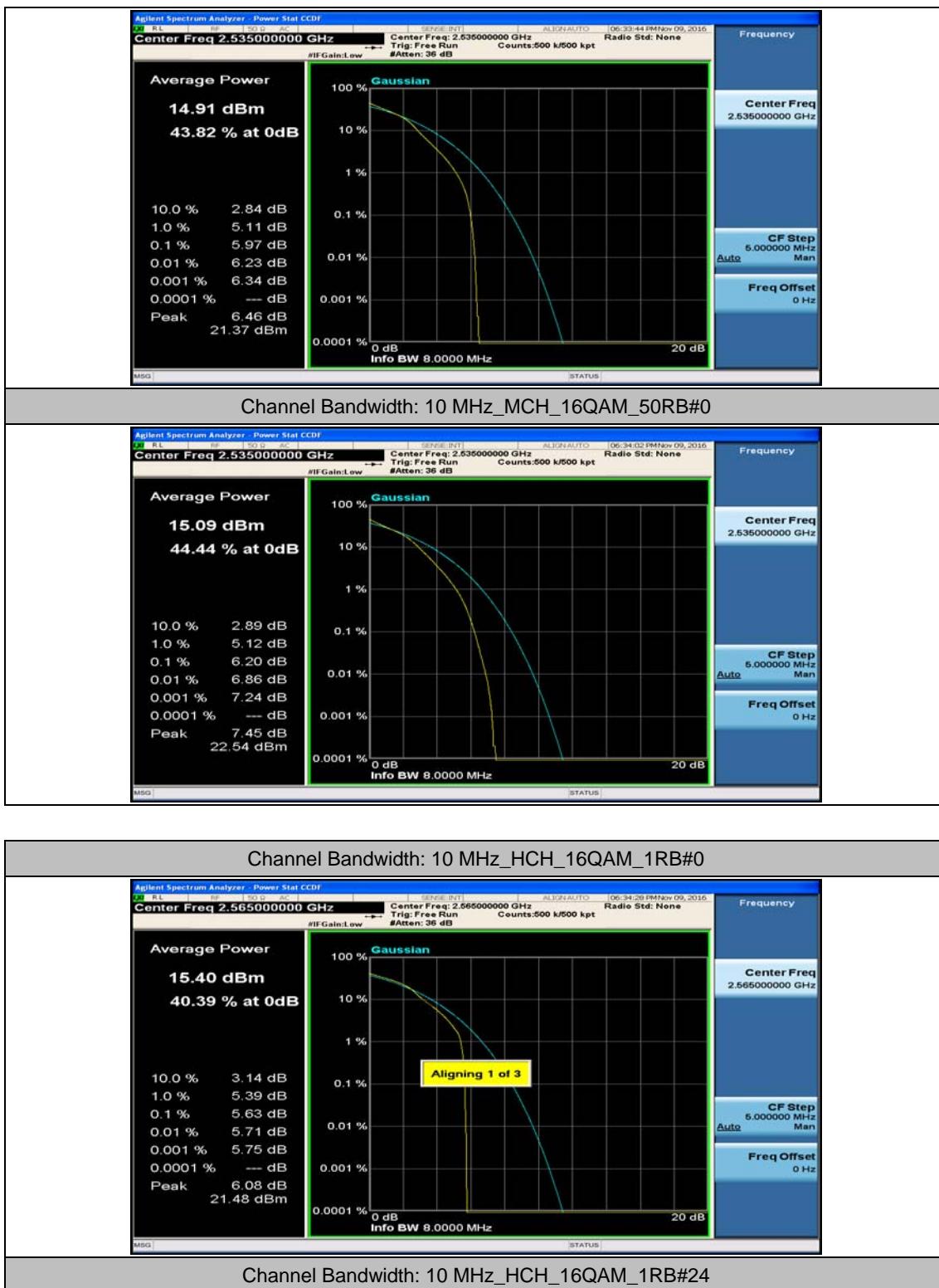


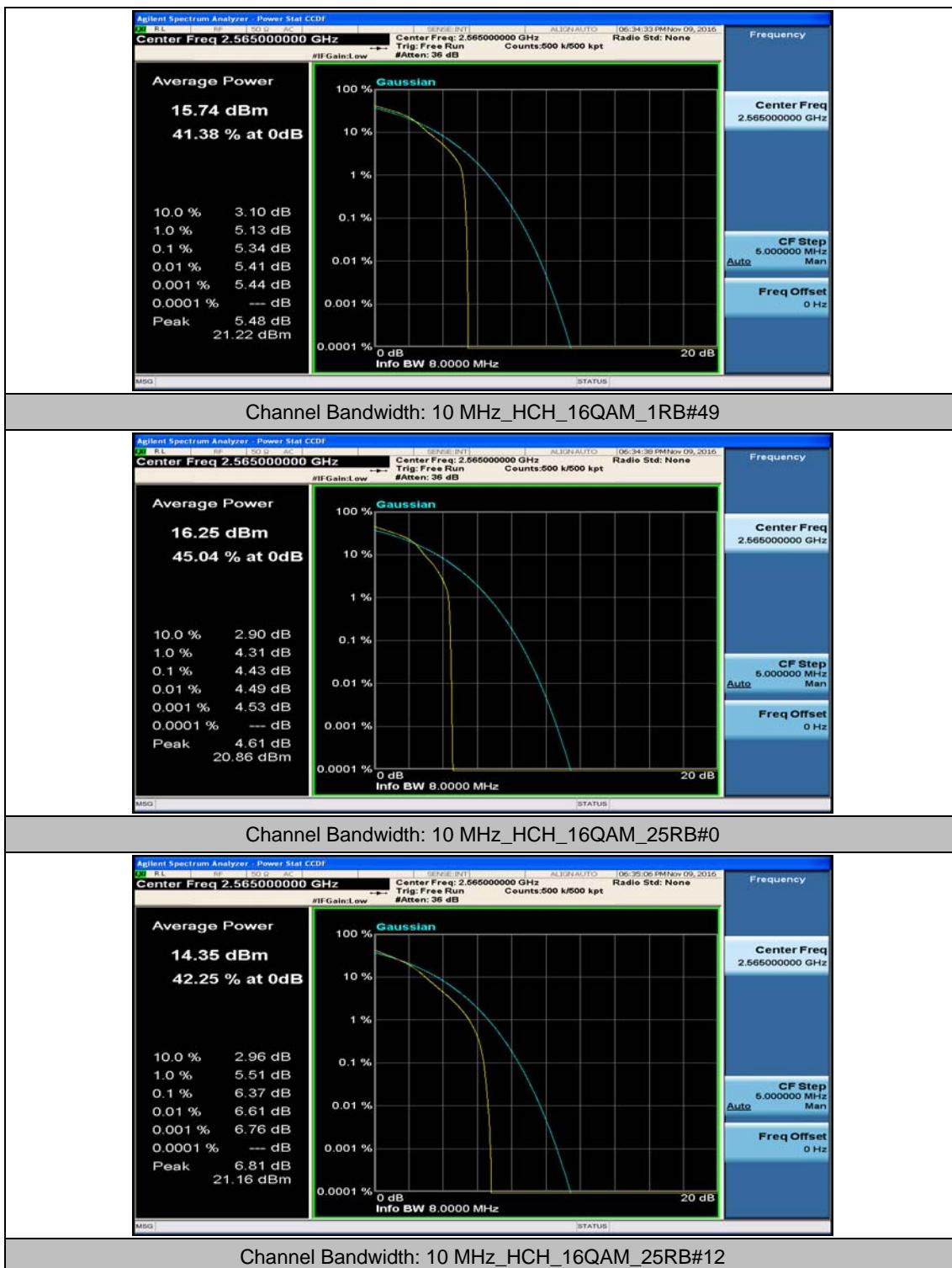


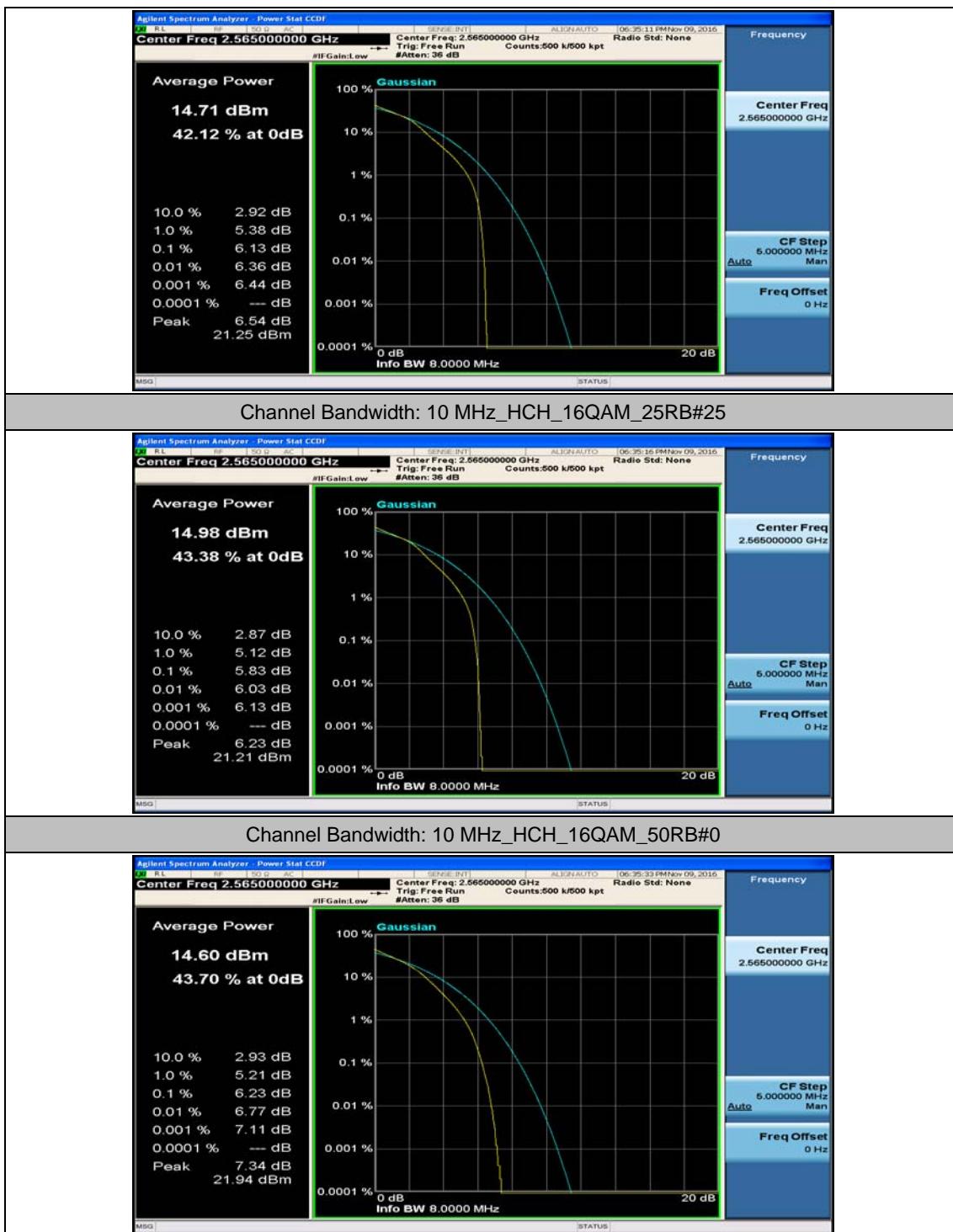


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49

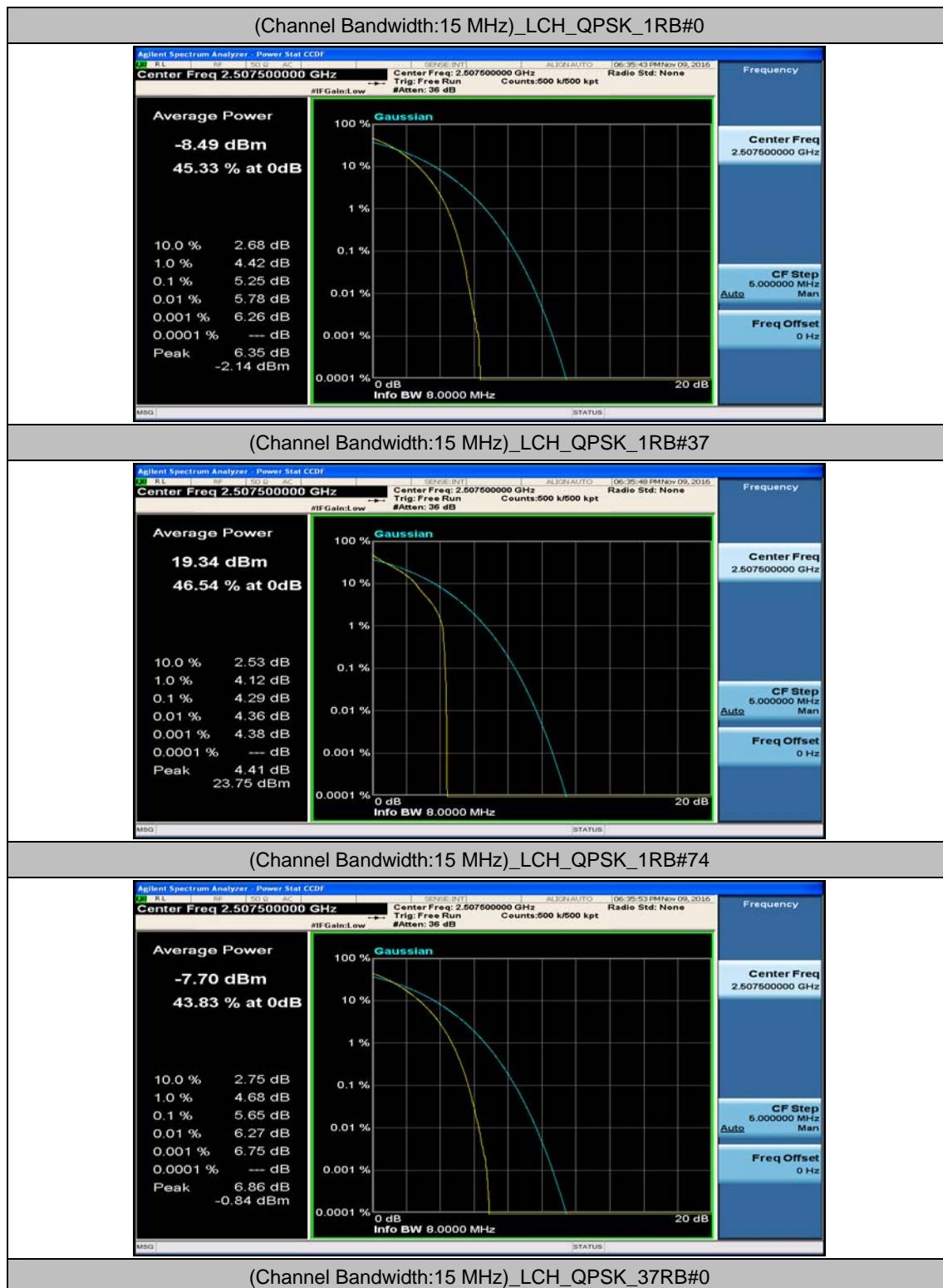


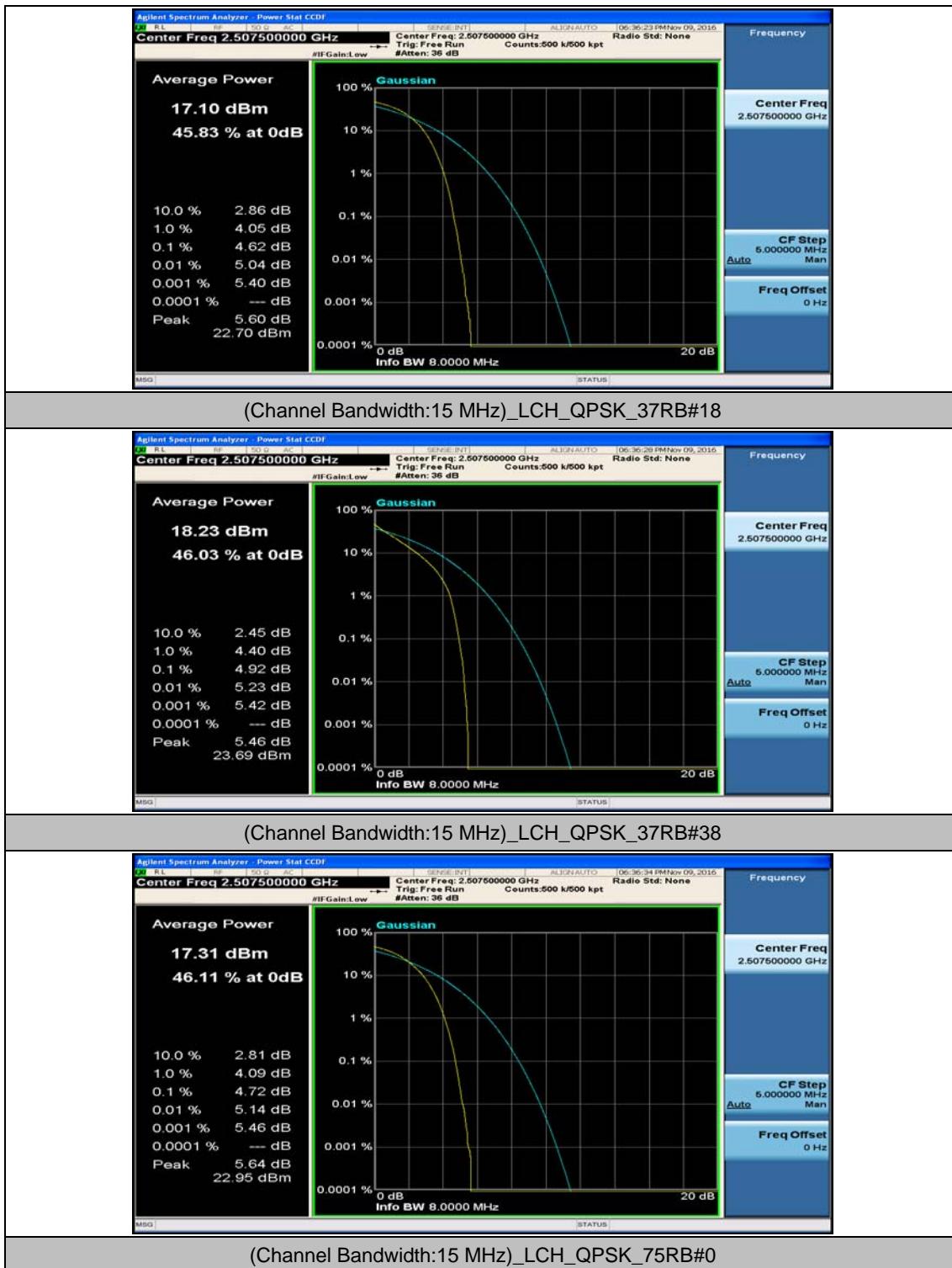


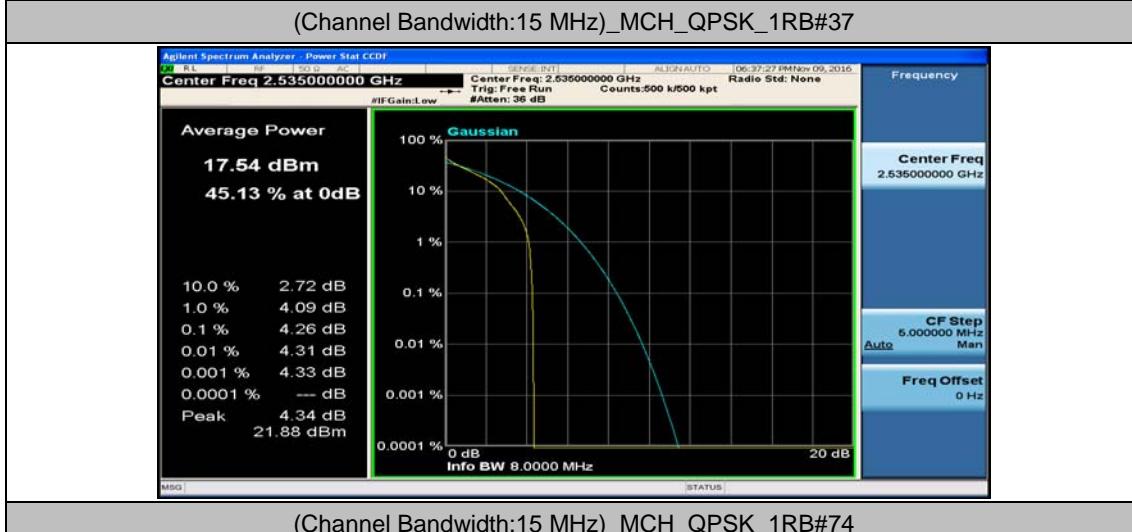
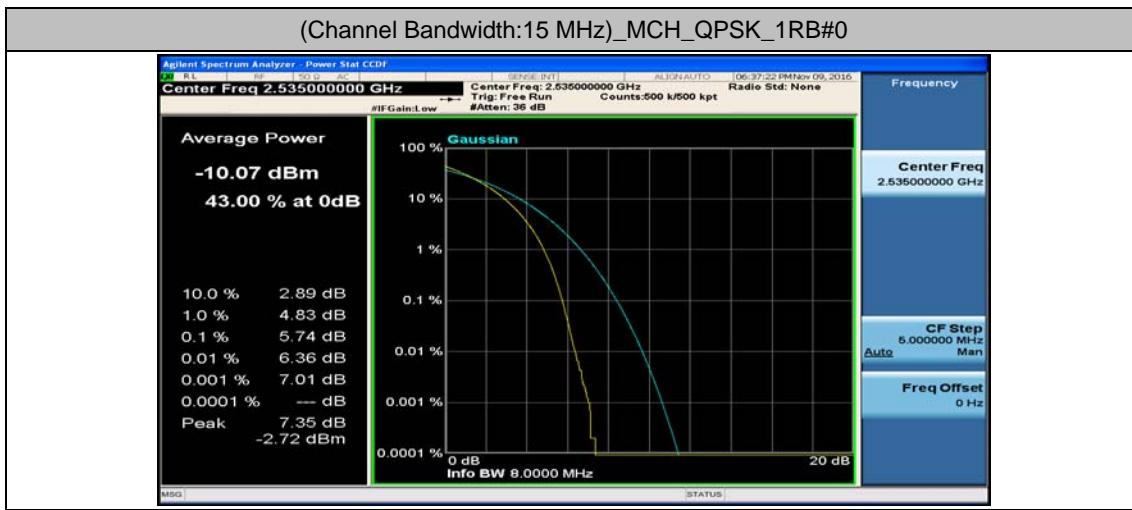
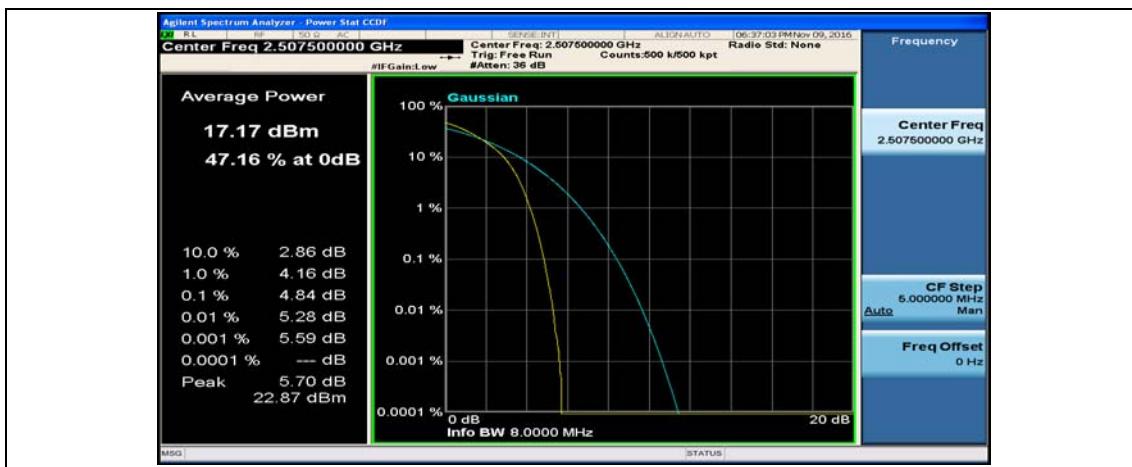




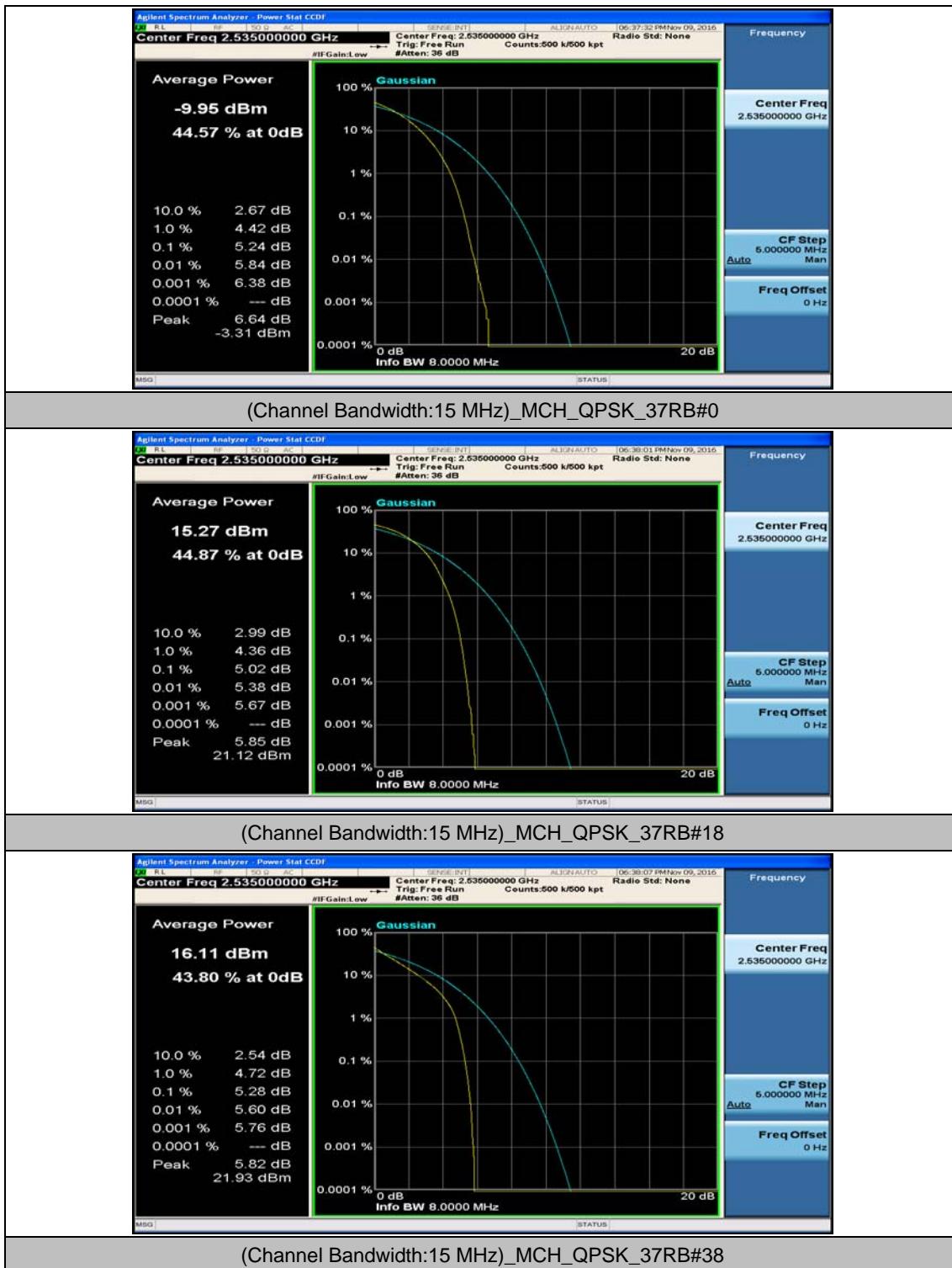
Channel Bandwidth: 15 MHz

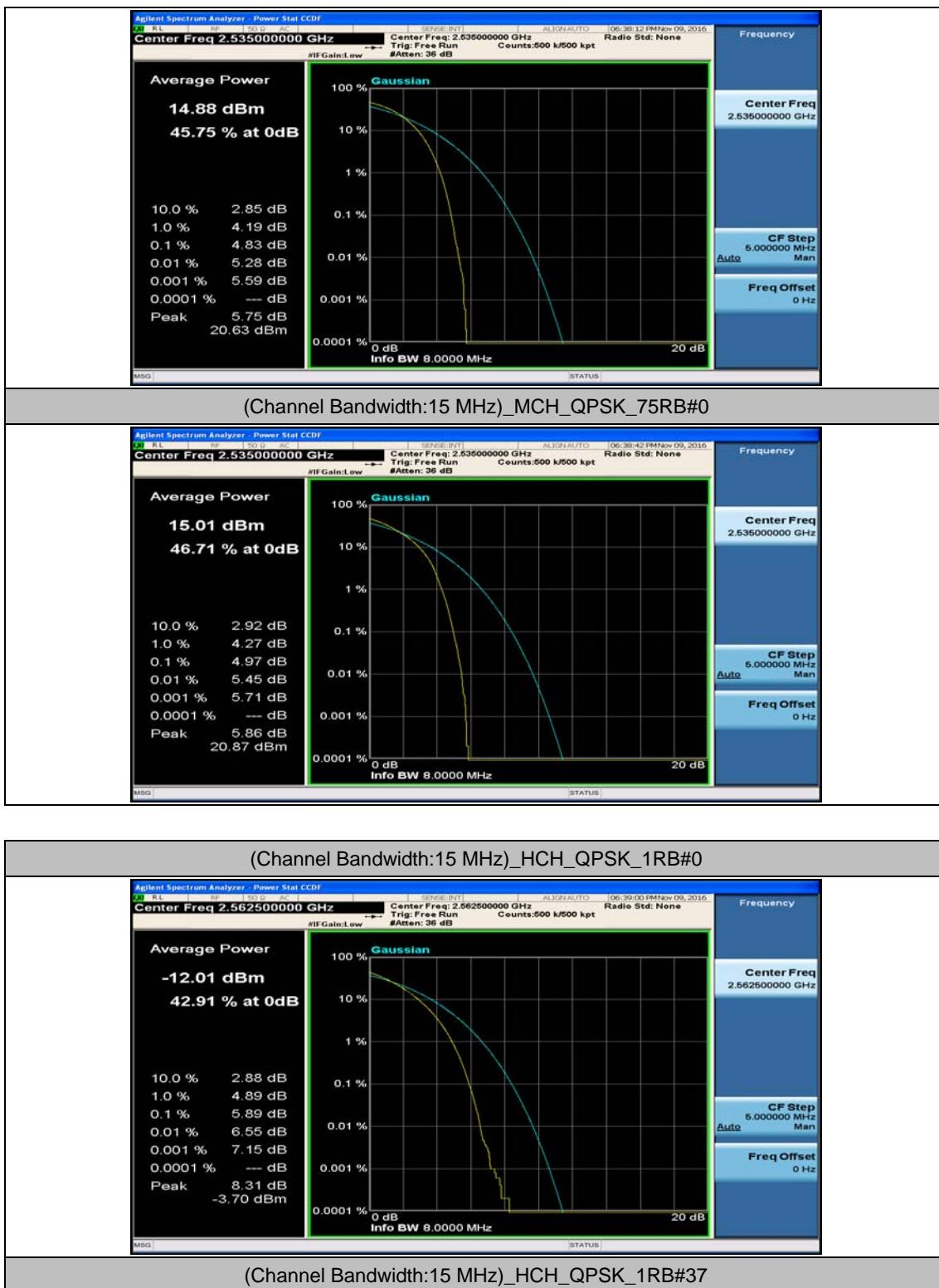


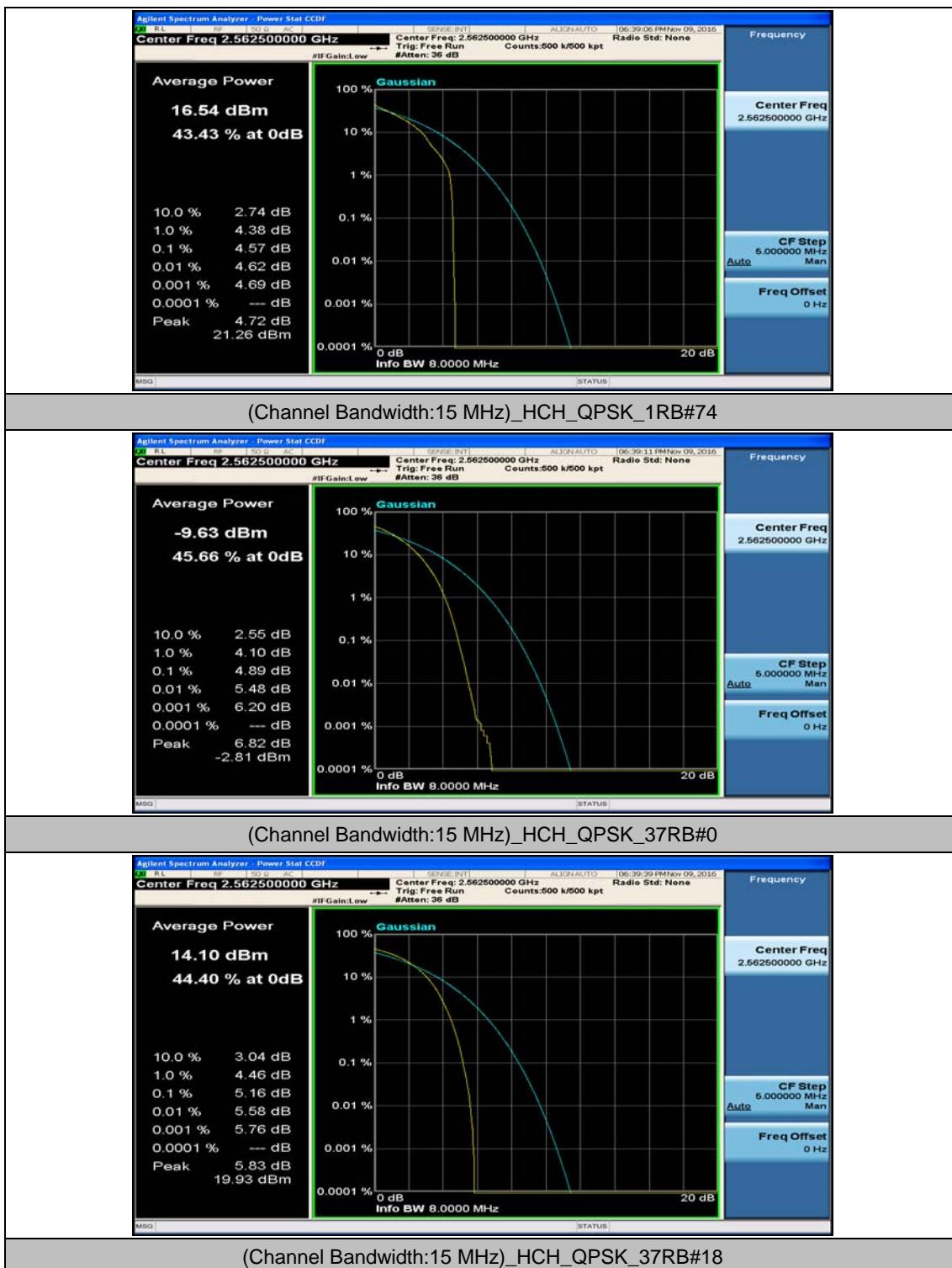


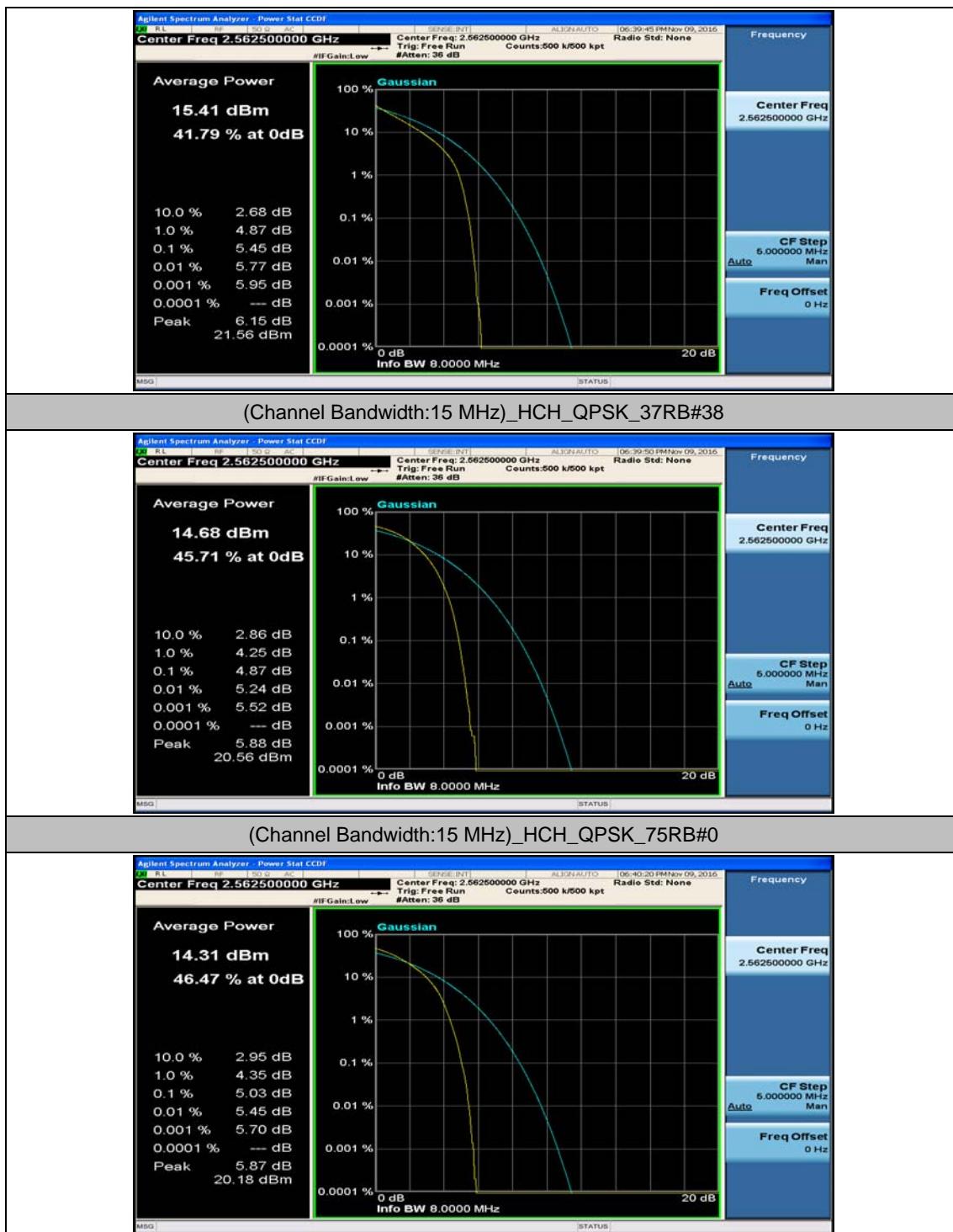


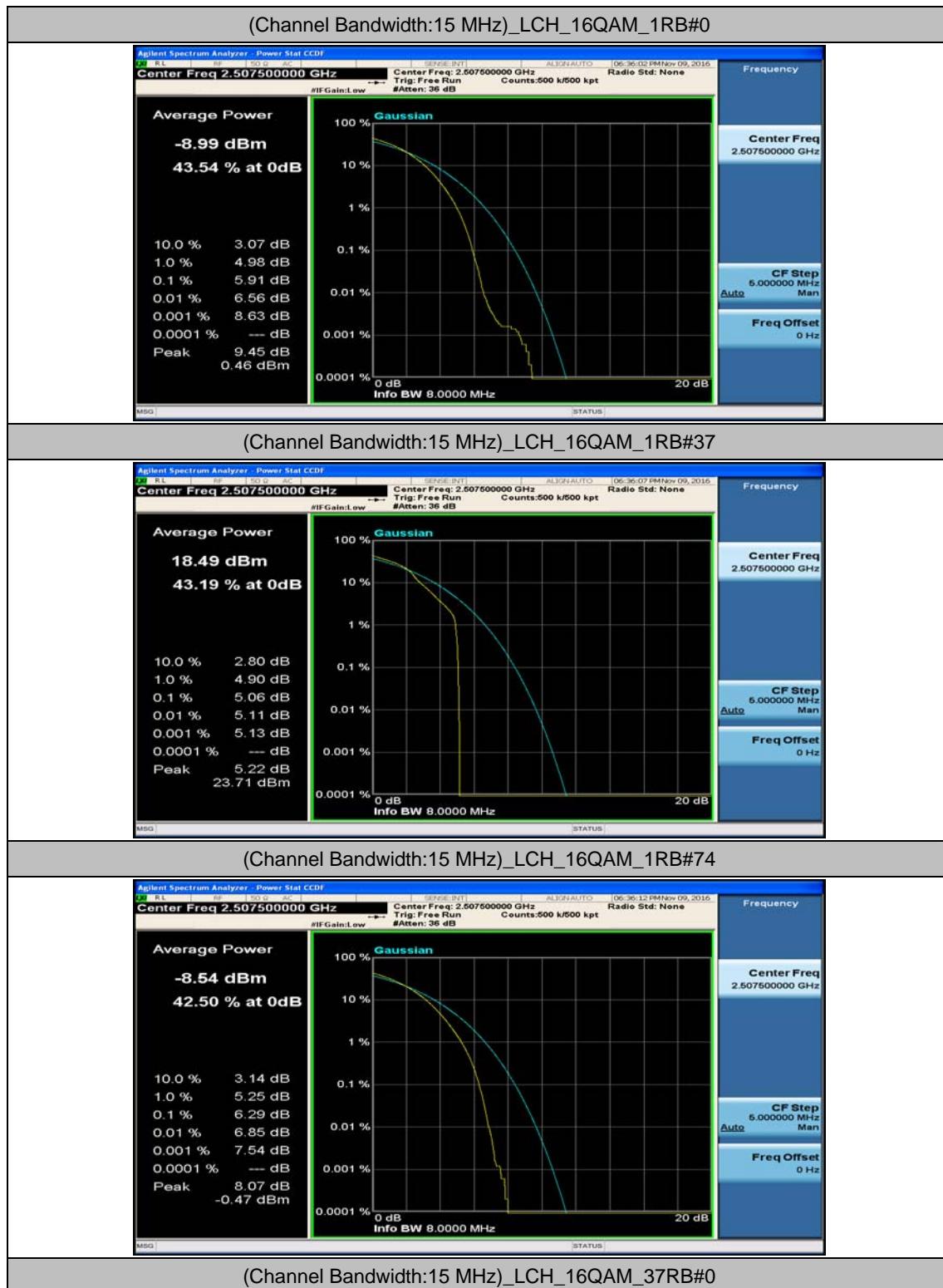
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#74

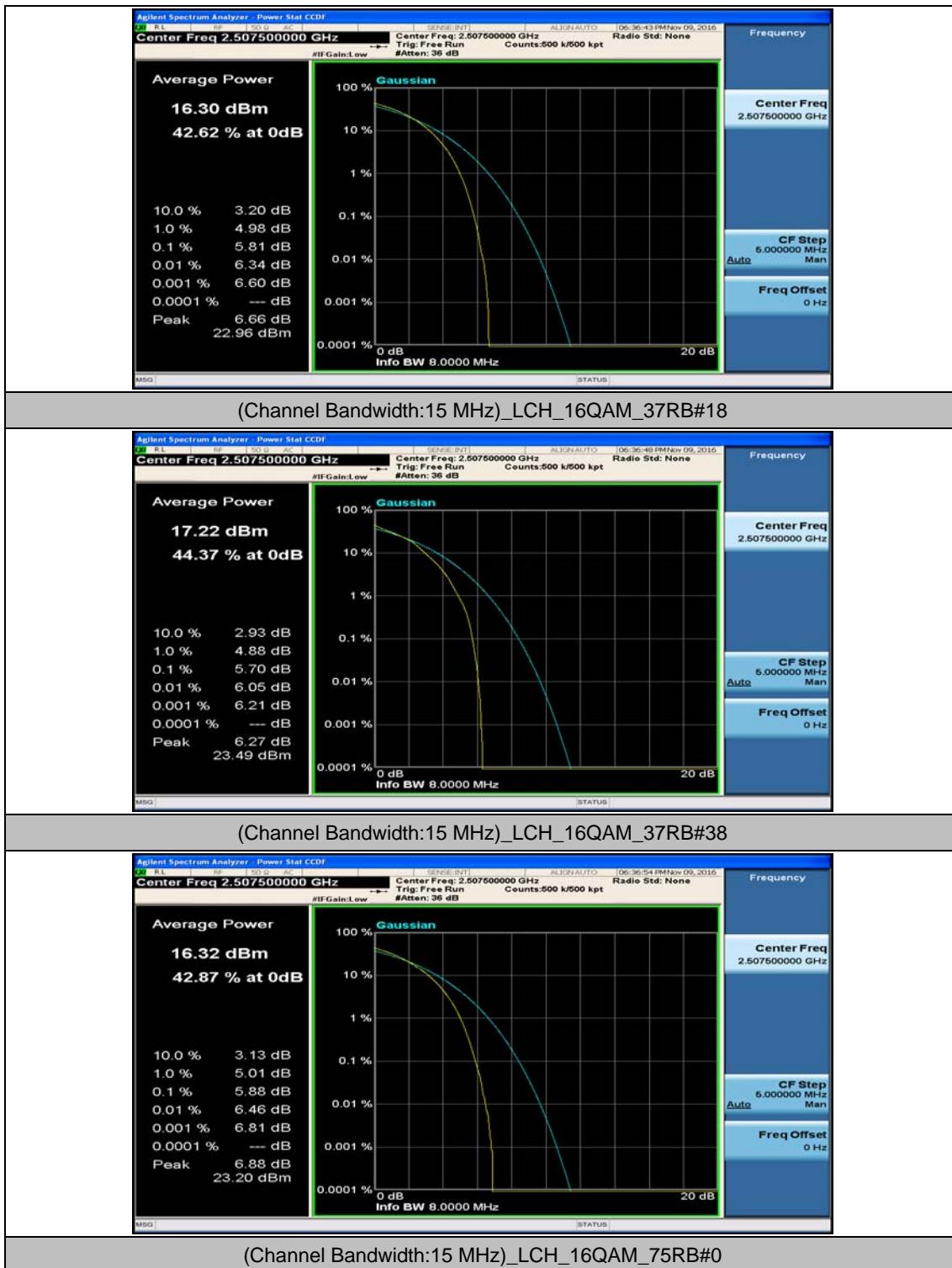


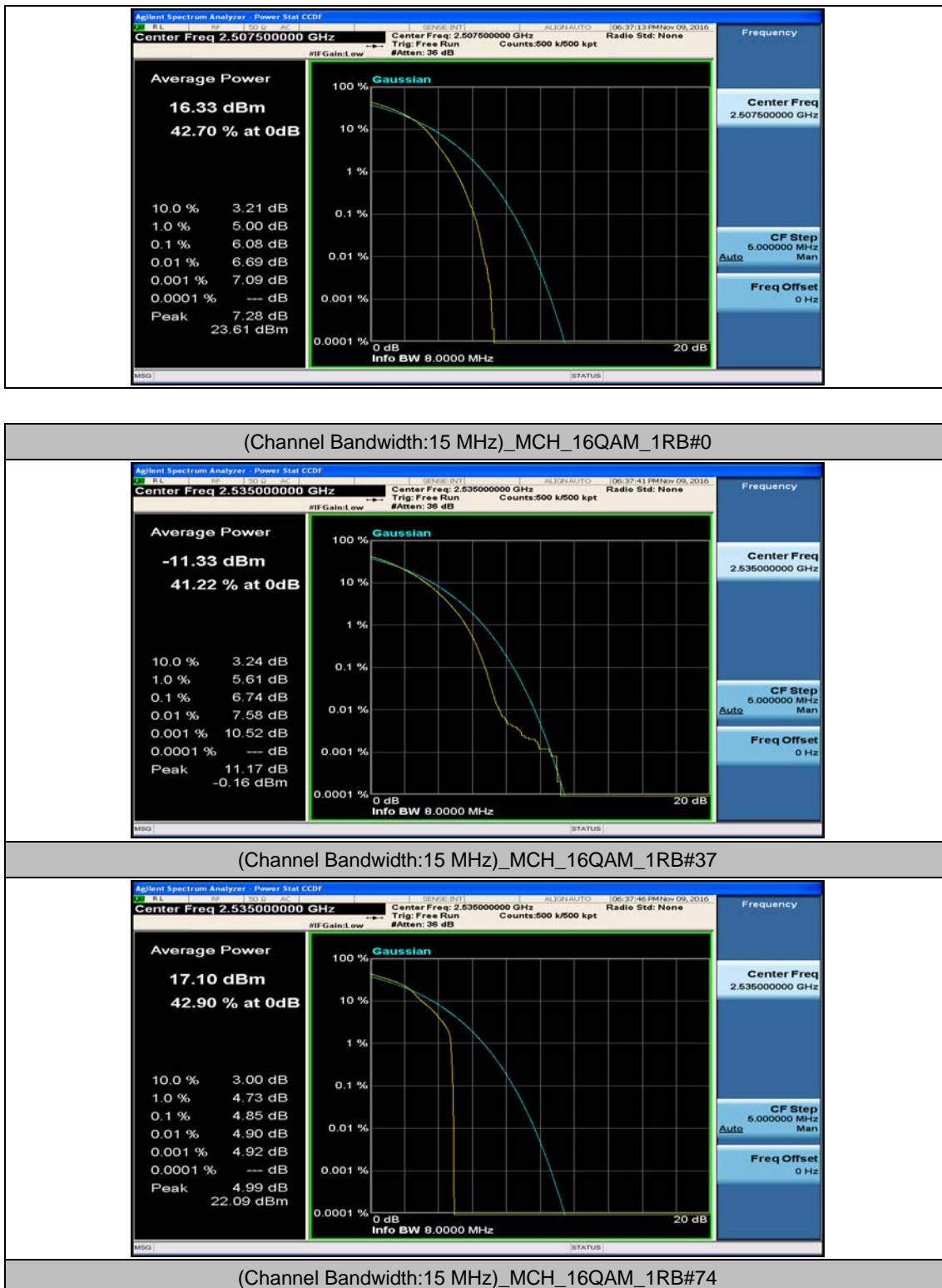


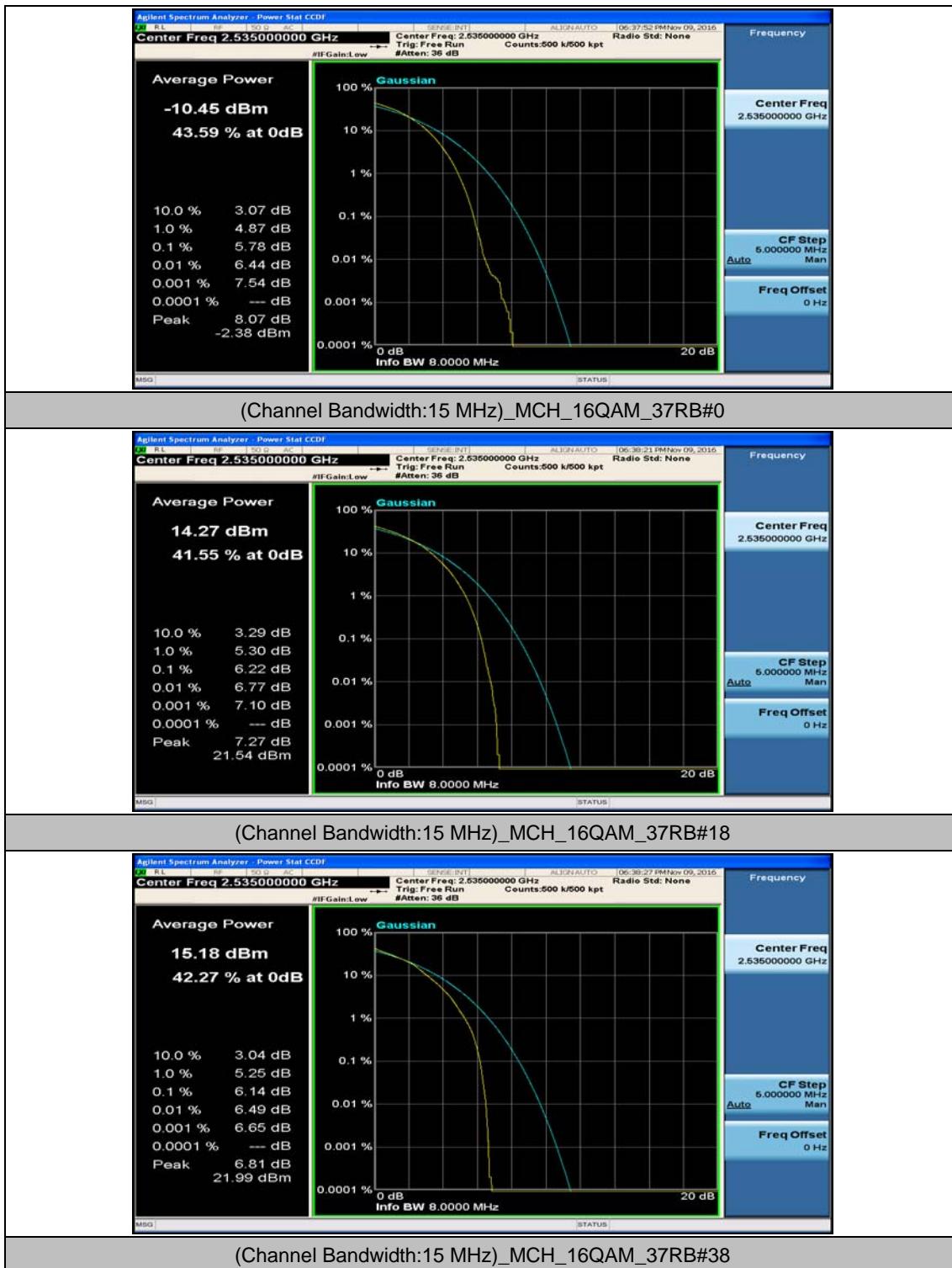


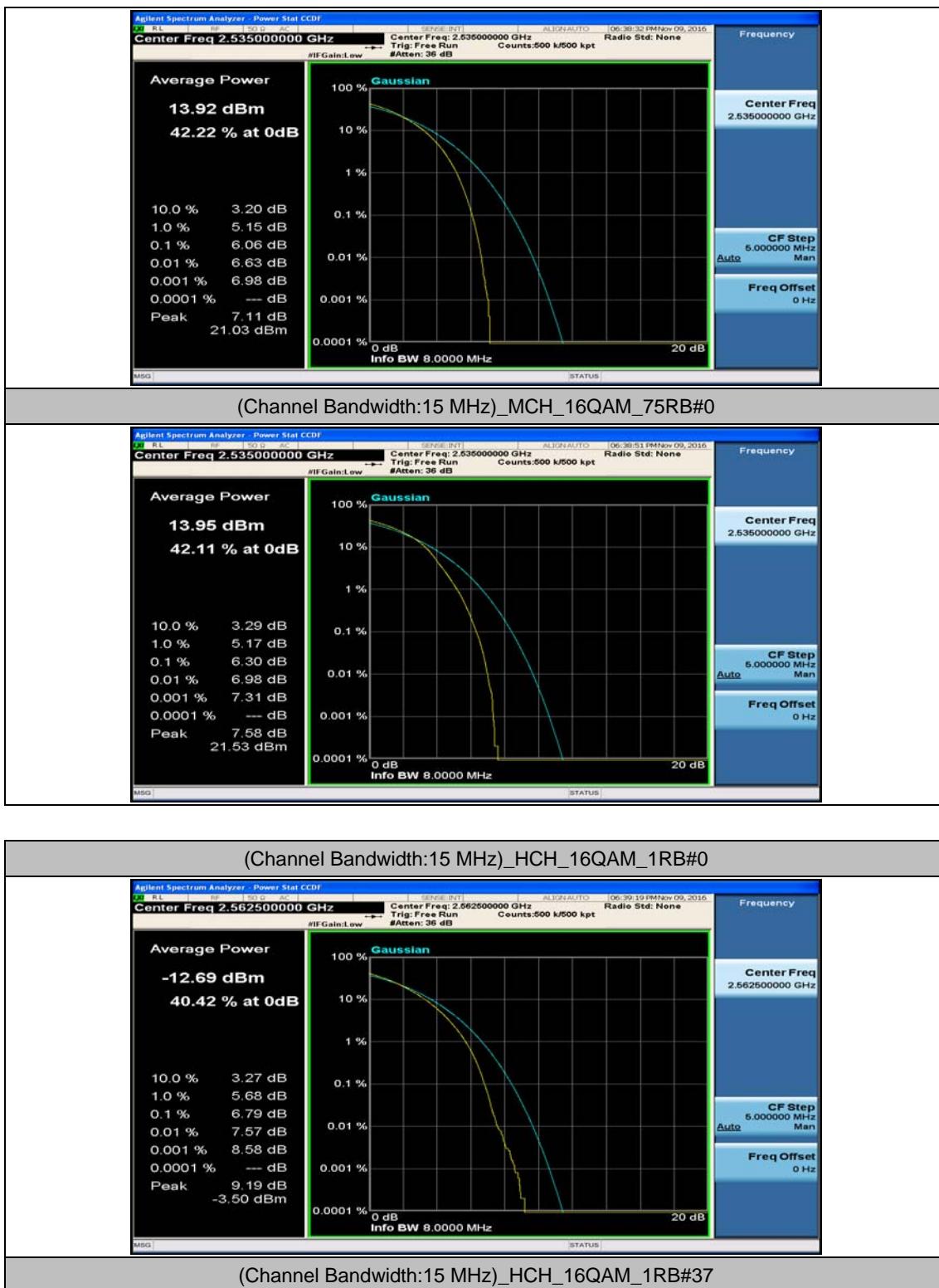


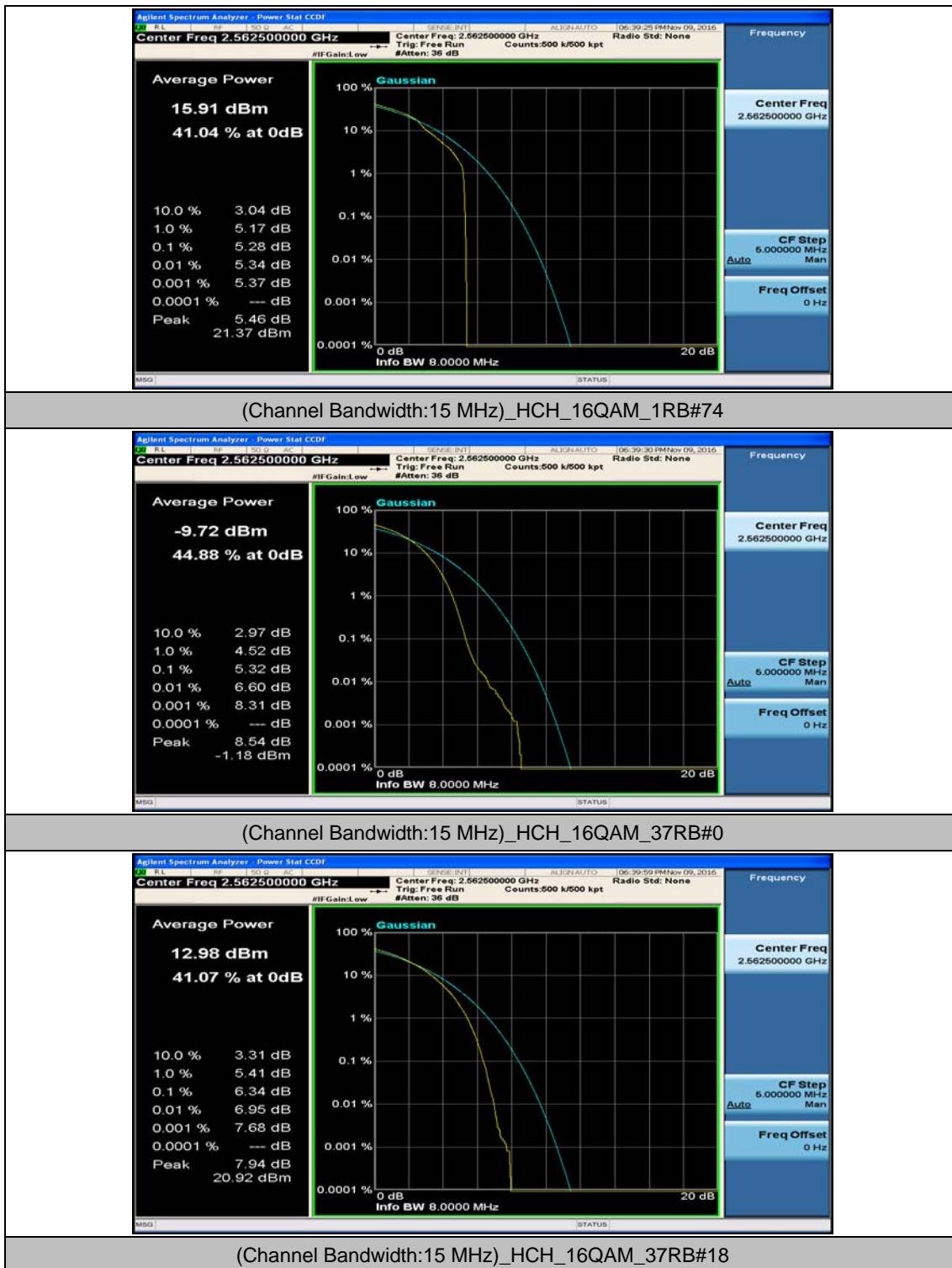


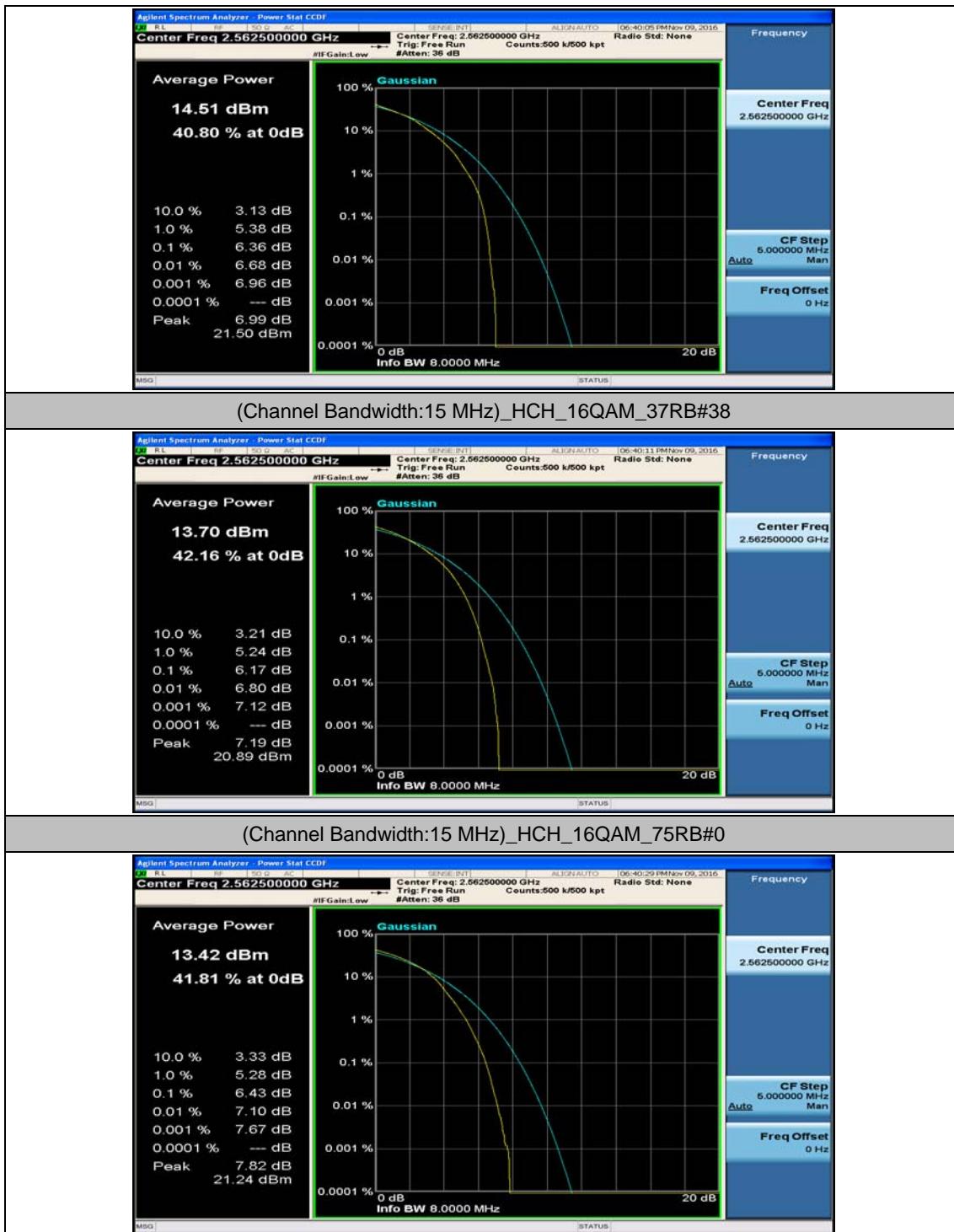




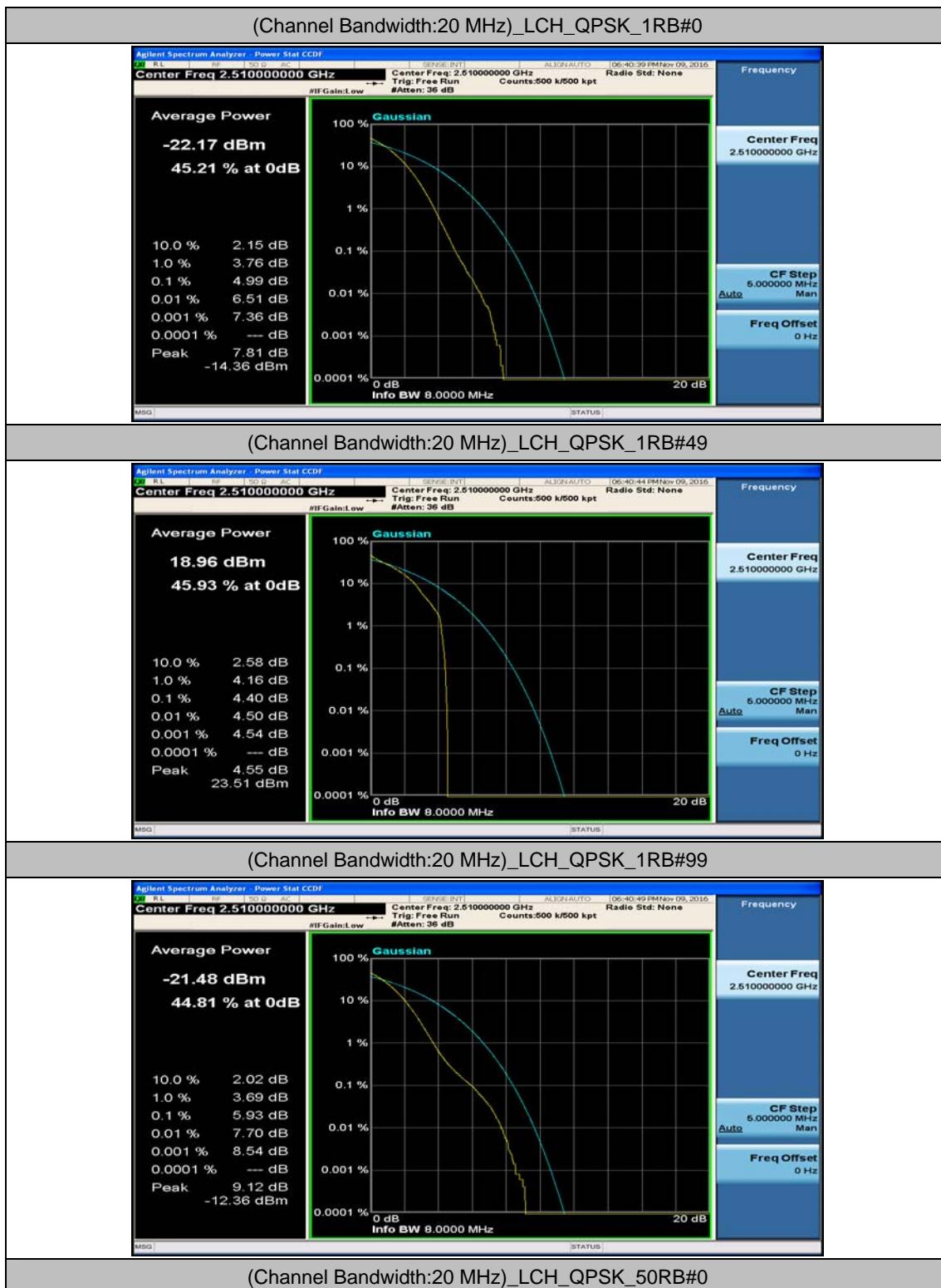


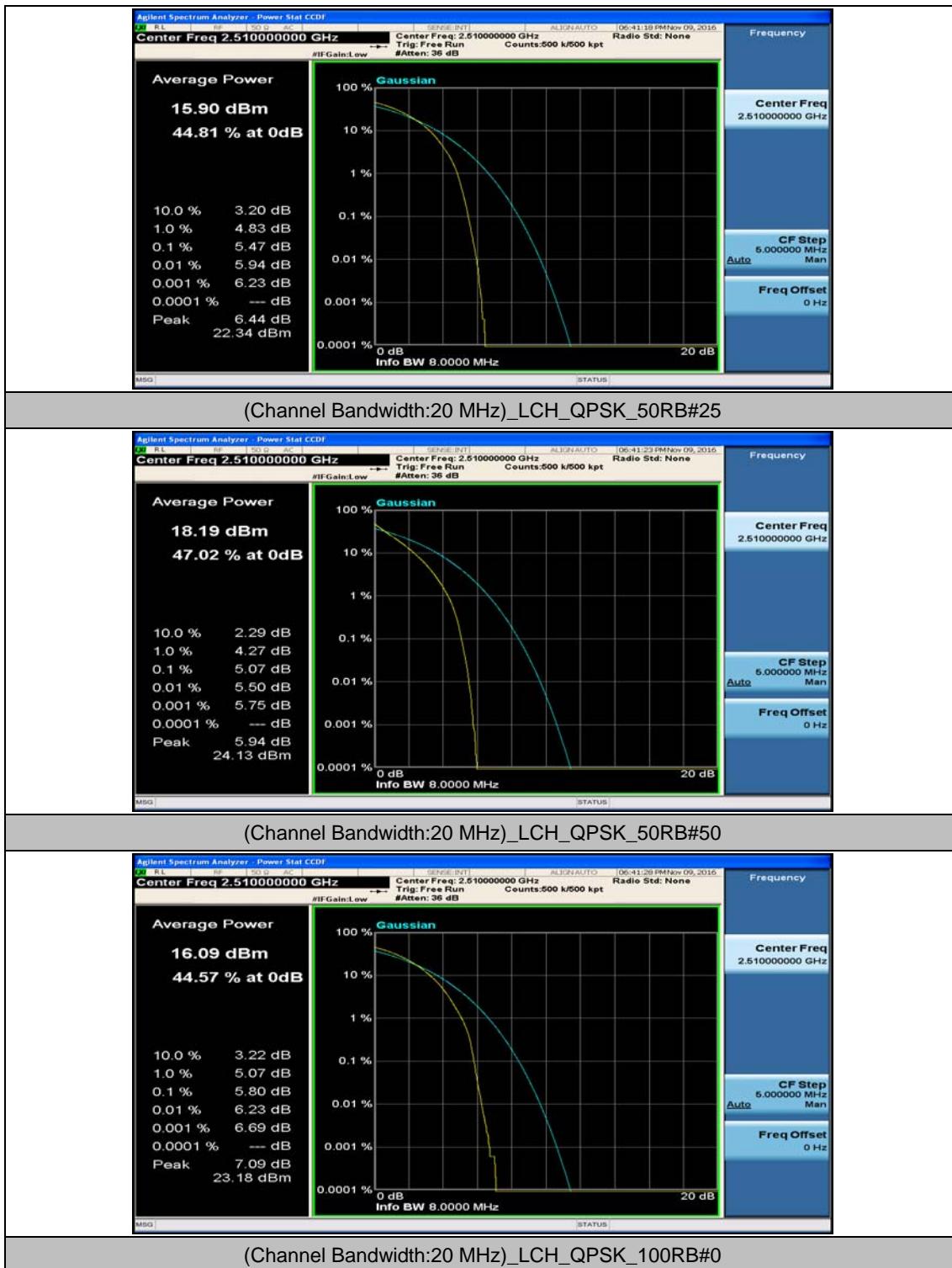


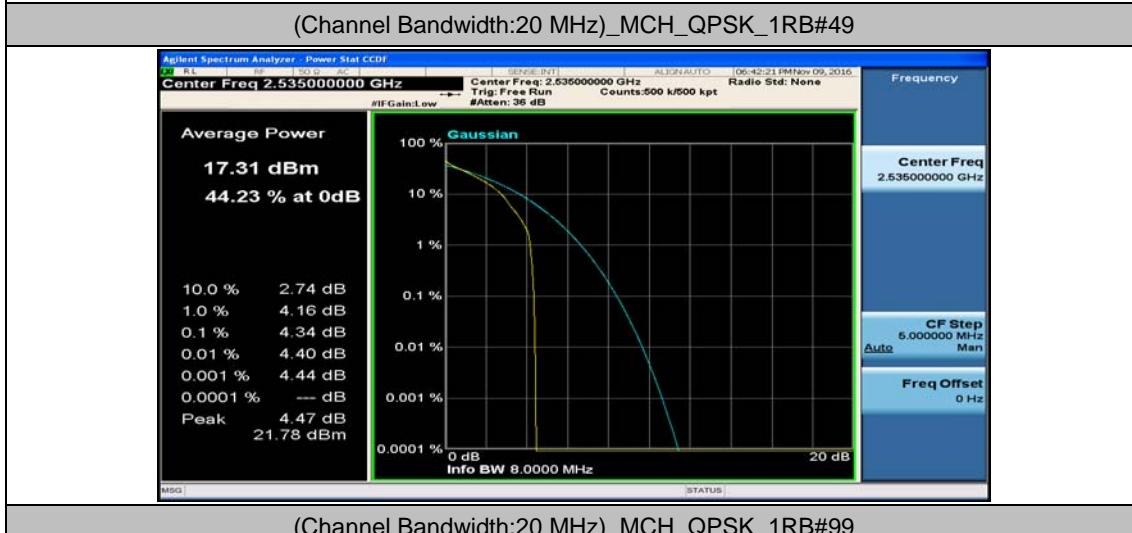
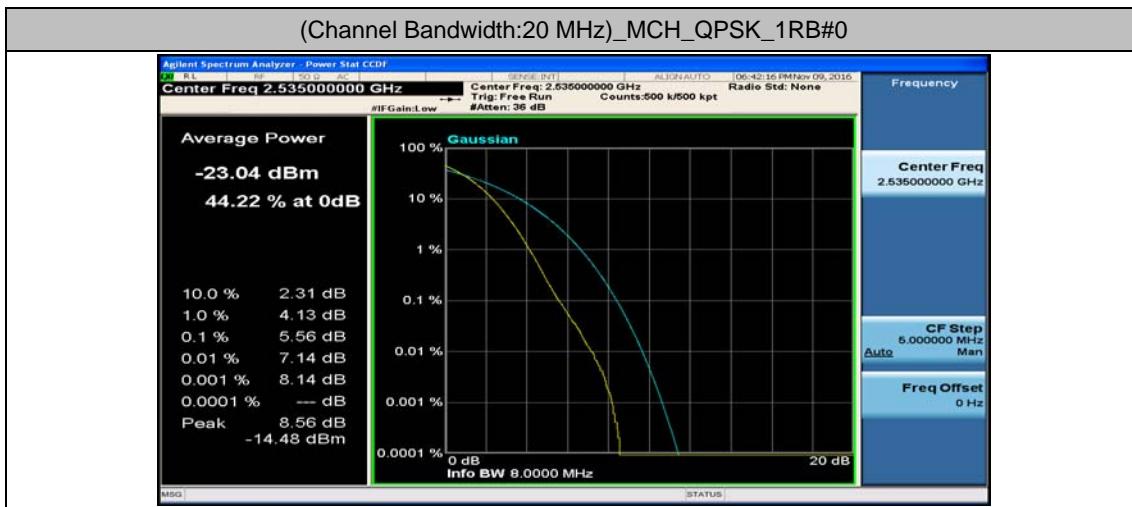
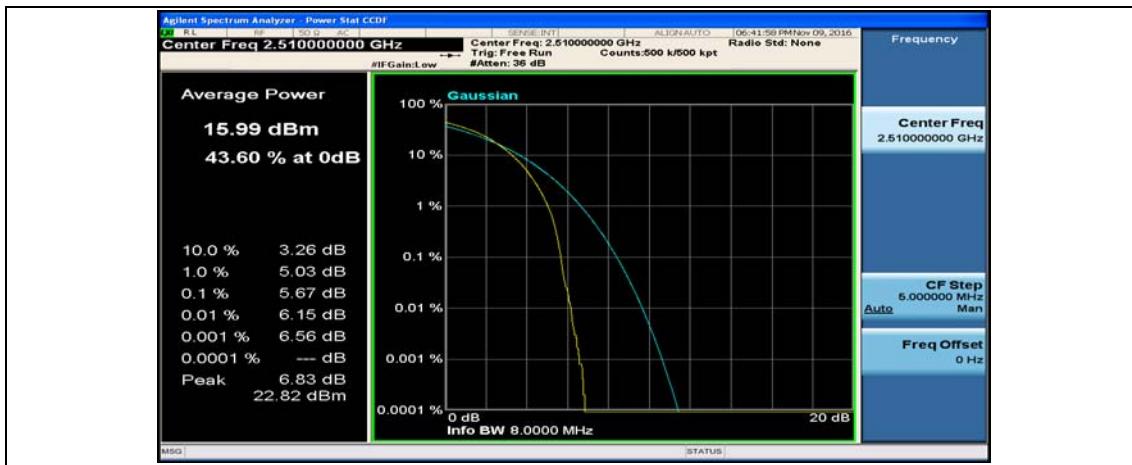




Channel Bandwidth: 20 MHz







(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#99