

Appendix for Band 2

Appendix A: Average Power Output Data

Test Result

Channel Bandwidth: 1.4 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.29	PASS
		1	3	23.35	PASS
		1	5	23.33	PASS
		3	0	22.23	PASS
		3	2	22.26	PASS
		3	3	22.27	PASS
		6	0	21.42	PASS
	MCH	1	0	23.49	PASS
		1	3	23.22	PASS
		1	5	23.27	PASS
		3	0	22.25	PASS
		3	2	22.21	PASS
		3	3	22.26	PASS
		6	0	21.62	PASS
16QAM	LCH	1	0	23.48	PASS
		1	3	23.58	PASS
		1	5	23.52	PASS
		3	0	22.12	PASS
		3	2	22.19	PASS
		3	3	22.19	PASS
		6	0	21.6	PASS
	MCH	1	0	22.34	PASS
		1	3	22.48	PASS
		1	5	22.39	PASS
		3	0	21.8	PASS
		3	2	21.89	PASS
		3	3	21.8	PASS
		6	0	21.26	PASS

		3	2	21.8	PASS
		3	3	21.83	PASS
		6	0	21.43	PASS
HCH	HCH	1	0	21.17	PASS
		1	3	22.3	PASS
		1	5	22.2	PASS
		3	0	22.01	PASS
		3	2	21.99	PASS
		3	3	22.03	PASS
		6	0	21.66	PASS

Channel Bandwidth: 3 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.23	PASS
		1	7	23.34	PASS
		1	14	23.28	PASS
		8	0	22.39	PASS
		8	4	22.41	PASS
		8	7	22.4	PASS
		15	0	22.33	PASS
	MCH	1	0	23.49	PASS
		1	7	23.54	PASS
		1	14	23.44	PASS
		8	0	22.54	PASS
		8	4	22.54	PASS
		8	7	22.53	PASS
		15	0	22.41	PASS
	HCH	1	0	23.46	PASS
		1	7	23.56	PASS
		1	14	23.48	PASS
		8	0	22.54	PASS
		8	4	22.52	PASS
		8	7	22.55	PASS
		15	0	22.52	PASS
16QAM	LCH	1	0	22.39	PASS
		1	7	22.51	PASS
		1	14	22.44	PASS
		8	0	21.35	PASS
		8	4	21.39	PASS
		8	7	21.36	PASS
		15	0	21.25	PASS

	MCH	1	0	22.65	PASS
		1	7	22.72	PASS
		1	14	22.63	PASS
		8	0	21.45	PASS
		8	4	21.43	PASS
		8	7	21.42	PASS
		15	0	21.36	PASS
	HCH	1	0	22.64	PASS
		1	7	22.73	PASS
		1	14	22.66	PASS
		8	0	21.43	PASS
		8	4	21.44	PASS
		8	7	21.45	PASS
		15	0	21.49	PASS

Channel Bandwidth: 5 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.4	PASS
		1	12	23.47	PASS
		1	24	23.48	PASS
		12	0	22.39	PASS
		12	6	22.41	PASS
		12	13	22.43	PASS
		25	0	22.36	PASS
	MCH	1	0	23.61	PASS
		1	12	23.61	PASS
		1	24	23.56	PASS
		12	0	22.54	PASS
		12	6	22.51	PASS
		12	13	22.51	PASS
		25	0	22.45	PASS
	HCH	1	0	23.61	PASS
		1	12	23.65	PASS
		1	24	23.63	PASS
		12	0	22.56	PASS
		12	6	22.56	PASS
		12	13	22.57	PASS
		25	0	22.5	PASS
16QAM	LCH	1	0	22.51	PASS
		1	12	22.61	PASS
		1	24	22.63	PASS

		12	0	21.37	PASS
		12	6	21.37	PASS
		12	13	21.42	PASS
		25	0	21.32	PASS
MCH	MCH	1	0	22.63	PASS
		1	12	22.68	PASS
		1	24	22.66	PASS
		12	0	21.55	PASS
		12	6	21.52	PASS
		12	13	21.53	PASS
		25	0	21.39	PASS
HCH	HCH	1	0	22.7	PASS
		1	12	22.78	PASS
		1	24	22.74	PASS
		12	0	21.51	PASS
		12	6	21.52	PASS
		12	13	21.54	PASS
		25	0	21.5	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.32	PASS
		1	24	23.37	PASS
		1	49	23.48	PASS
		25	0	22.37	PASS
		25	12	22.43	PASS
		25	25	22.48	PASS
		50	0	22.44	PASS
	MCH	1	0	23.57	PASS
		1	24	23.54	PASS
		1	49	23.51	PASS
		25	0	22.5	PASS
		25	12	22.48	PASS
		25	25	22.48	PASS
		50	0	22.44	PASS
	HCH	1	0	23.5	PASS
		1	24	23.49	PASS
		1	49	23.57	PASS
		25	0	22.45	PASS
		25	12	22.47	PASS
		25	25	22.52	PASS

		50	0	22.48	PASS
16QAM	LCH	1	0	22.49	PASS
		1	24	22.56	PASS
		1	49	22.7	PASS
		25	0	21.32	PASS
		25	12	21.37	PASS
		25	25	21.46	PASS
		50	0	21.42	PASS
	MCH	1	0	22.76	PASS
		1	24	22.75	PASS
		1	49	22.78	PASS
		25	0	21.44	PASS
		25	12	21.44	PASS
		25	25	21.44	PASS
		50	0	21.44	PASS
	HCH	1	0	22.62	PASS
		1	24	22.67	PASS
		1	49	22.75	PASS
		25	0	21.4	PASS
		25	12	21.42	PASS
		25	25	21.5	PASS
		50	0	21.47	PASS

Channel Bandwidth: 15 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.36	PASS
		1	37	23.52	PASS
		1	74	23.51	PASS
		37	0	22.57	PASS
		37	18	22.6	PASS
		37	38	22.64	PASS
		75	0	22.64	PASS
	MCH	1	0	23.69	PASS
		1	37	23.65	PASS
		1	74	23.52	PASS
		37	0	22.72	PASS
		37	18	22.68	PASS
		37	38	22.64	PASS
		75	0	22.67	PASS
	HCH	1	0	23.51	PASS
		1	37	23.57	PASS

		1	74	23.58	PASS
		37	0	22.61	PASS
		37	18	22.64	PASS
		37	38	22.6	PASS
		75	0	22.62	PASS
16QAM	LCH	1	0	22.54	PASS
		1	37	22.74	PASS
		1	74	22.72	PASS
		37	0	21.48	PASS
		37	18	21.5	PASS
		37	38	21.53	PASS
		75	0	21.55	PASS
	MCH	1	0	22.79	PASS
		1	37	22.75	PASS
		1	74	22.7	PASS
		37	0	21.62	PASS
		37	18	21.55	PASS
		37	38	21.55	PASS
		75	0	21.55	PASS
	HCH	1	0	22.66	PASS
		1	37	22.68	PASS
		1	74	22.75	PASS
		37	0	21.47	PASS
		37	18	21.52	PASS
		37	38	21.52	PASS
		75	0	21.54	PASS

Channel Bandwidth: 20 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.52	PASS
		1	49	23.61	PASS
		1	99	23.7	PASS
		50	0	22.5	PASS
		50	25	22.53	PASS
		50	50	22.56	PASS
		100	0	22.5	PASS
	MCH	1	0	23.77	PASS
		1	49	23.68	PASS
		1	99	23.6	PASS
		50	0	22.76	PASS
		50	25	22.51	PASS

		50	50	22.5	PASS
		100	0	22.51	PASS
16QAM	HCH	1	0	23.49	PASS
		1	49	23.42	PASS
		1	99	23.51	PASS
		50	0	22.49	PASS
		50	25	22.47	PASS
		50	50	22.52	PASS
		100	0	22.5	PASS
16QAM	LCH	1	0	22.6	PASS
		1	49	22.72	PASS
		1	99	22.78	PASS
		50	0	21.46	PASS
		50	25	21.48	PASS
		50	50	21.5	PASS
		100	0	21.44	PASS
	MCH	1	0	22.92	PASS
		1	49	22.85	PASS
		1	99	22.85	PASS
		50	0	21.54	PASS
		50	25	21.49	PASS
		50	50	21.49	PASS
		100	0	21.45	PASS
	HCH	1	0	22.7	PASS
		1	49	22.57	PASS
		1	99	22.75	PASS
		50	0	21.46	PASS
		50	25	21.41	PASS
		50	50	21.49	PASS
		100	0	21.47	PASS

Appendix B: Peak-to-Average Ratio

Test Result

Channel Bandwidth: 1.4 MHz

Channel Bandwidth: 1.4 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.31	<13	PASS
		1	3	3.26	<13	PASS
		1	5	3.36	<13	PASS
		3	0	3.20	<13	PASS
		3	2	3.22	<13	PASS
		3	3	3.23	<13	PASS
		6	0	4.05	<13	PASS
	MCH	1	0	3.25	<13	PASS
		1	3	3.26	<13	PASS
		1	5	3.34	<13	PASS
		3	0	3.12	<13	PASS
		3	2	3.20	<13	PASS
		3	3	3.19	<13	PASS
		6	0	3.88	<13	PASS
16QAM	LCH	1	0	3.90	<13	PASS
		1	3	3.79	<13	PASS
		1	5	3.75	<13	PASS
		3	0	3.58	<13	PASS
		3	2	3.61	<13	PASS
		3	3	3.58	<13	PASS
		6	0	4.54	<13	PASS
	MCH	1	0	4.42	<13	PASS
		1	3	4.27	<13	PASS
		1	5	4.34	<13	PASS
		3	0	4.17	<13	PASS
		3	2	4.28	<13	PASS
		3	3	4.22	<13	PASS
		6	0	4.96	<13	PASS

		3	3	4.03	<13	PASS
		6	0	4.77	<13	PASS
HCH	1	0	4.78	<13	PASS	
	1	3	4.71	<13	PASS	
	1	5	4.63	<13	PASS	
	3	0	4.62	<13	PASS	
	3	2	4.59	<13	PASS	
	3	3	4.52	<13	PASS	
	6	0	5.37	<13	PASS	

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.42	<13	PASS
		1	7	3.40	<13	PASS
		1	14	3.51	<13	PASS
		8	0	4.10	<13	PASS
		8	4	4.19	<13	PASS
		8	7	4.19	<13	PASS
		15	0	4.34	<13	PASS
	MCH	1	0	3.12	<13	PASS
		1	7	3.16	<13	PASS
		1	14	3.28	<13	PASS
		8	0	3.93	<13	PASS
		8	4	4.01	<13	PASS
		8	7	4.03	<13	PASS
		15	0	4.18	<13	PASS
	HCH	1	0	3.86	<13	PASS
		1	7	3.82	<13	PASS
		1	14	3.75	<13	PASS
		8	0	4.59	<13	PASS
		8	4	4.63	<13	PASS
		8	7	4.53	<13	PASS
		15	0	4.72	<13	PASS
16QAM	LCH	1	0	4.36	<13	PASS
		1	7	4.39	<13	PASS
		1	14	4.48	<13	PASS
		8	0	4.97	<13	PASS
		8	4	5.04	<13	PASS
		8	7	4.95	<13	PASS

		15	0	5.27	<13	PASS
MCH	1	0	4.12	<13	PASS	
	1	7	4.21	<13	PASS	
	1	14	4.36	<13	PASS	
	8	0	4.73	<13	PASS	
	8	4	4.88	<13	PASS	
	8	7	4.82	<13	PASS	
	15	0	4.99	<13	PASS	
HCH	1	0	4.80	<13	PASS	
	1	7	4.72	<13	PASS	
	1	14	4.80	<13	PASS	
	8	0	5.51	<13	PASS	
	8	4	5.48	<13	PASS	
	8	7	5.49	<13	PASS	
	15	0	5.52	<13	PASS	

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	3.46	<13	PASS
		1	12	3.53	<13	PASS
		1	24	3.72	<13	PASS
		12	0	4.27	<13	PASS
		12	6	4.32	<13	PASS
		12	13	4.39	<13	PASS
		25	0	4.47	<13	PASS
	MCH	1	0	3.17	<13	PASS
		1	12	3.31	<13	PASS
		1	24	3.43	<13	PASS
		12	0	3.97	<13	PASS
		12	6	4.05	<13	PASS
		12	13	4.12	<13	PASS
		25	0	4.23	<13	PASS
	HCH	1	0	3.59	<13	PASS
		1	12	3.75	<13	PASS
		1	24	3.69	<13	PASS
		12	0	4.58	<13	PASS
		12	6	4.68	<13	PASS
		12	13	4.74	<13	PASS
		25	0	4.79	<13	PASS

16QAM	LCH	1	0	4.37	<13	PASS
		1	12	4.39	<13	PASS
		1	24	4.59	<13	PASS
		12	0	5.20	<13	PASS
		12	6	5.14	<13	PASS
		12	13	5.26	<13	PASS
		25	0	5.27	<13	PASS
	MCH	1	0	4.04	<13	PASS
		1	12	4.15	<13	PASS
		1	24	4.33	<13	PASS
		12	0	4.84	<13	PASS
		12	6	4.89	<13	PASS
		12	13	5.00	<13	PASS
		25	0	5.05	<13	PASS
	HCH	1	0	4.50	<13	PASS
		1	12	4.64	<13	PASS
		1	24	4.65	<13	PASS
		12	0	5.42	<13	PASS
		12	6	5.45	<13	PASS
		12	13	5.48	<13	PASS
		25	0	5.59	<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	3.4	<13	PASS
		1	24	3.61	<13	PASS
		1	49	3.93	<13	PASS
		25	0	4.44	<13	PASS
		25	12	4.58	<13	PASS
		25	25	4.65	<13	PASS
		50	0	4.62	<13	PASS
	MCH	1	0	3.06	<13	PASS
		1	24	3.14	<13	PASS
		1	49	3.49	<13	PASS
		25	0	4.09	<13	PASS
		25	12	4.22	<13	PASS
		25	25	4.34	<13	PASS
		50	0	4.27	<13	PASS
	HCH	1	0	3.20	<13	PASS

		1	24	3.54	<13	PASS
		1	49	3.71	<13	PASS
		25	0	4.26	<13	PASS
		25	12	4.49	<13	PASS
		25	25	4.68	<13	PASS
		50	0	4.62	<13	PASS
16QAM	LCH	1	0	4.28	<13	PASS
		1	24	4.60	<13	PASS
		1	49	4.84	<13	PASS
		25	0	5.29	<13	PASS
		25	12	5.37	<13	PASS
		25	25	5.49	<13	PASS
		50	0	5.43	<13	PASS
	MCH	1	0	4.05	<13	PASS
		1	24	4.17	<13	PASS
		1	49	4.48	<13	PASS
		25	0	4.96	<13	PASS
		25	12	5.05	<13	PASS
		25	25	5.18	<13	PASS
		50	0	5.12	<13	PASS
	HCH	1	0	4.11	<13	PASS
		1	24	4.44	<13	PASS
		1	49	4.73	<13	PASS
		25	0	5.17	<13	PASS
		25	12	5.35	<13	PASS
		25	25	5.6	<13	PASS
		50	0	5.42	<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	3.31	<13	PASS
		1	37	3.74	<13	PASS
		1	74	3.88	<13	PASS
		37	0	4.45	<13	PASS
		37	18	4.62	<13	PASS
		37	38	4.76	<13	PASS
		75	0	4.95	<13	PASS
	MCH	1	0	3.15	<13	PASS
		1	37	3.21	<13	PASS

		1	74	3.82	<13	PASS
		37	0	4.02	<13	PASS
		37	18	4.12	<13	PASS
		37	38	4.37	<13	PASS
		75	0	4.59	<13	PASS
	HCH	1	0	3.49	<13	PASS
		1	37	3.19	<13	PASS
		1	74	3.71	<13	PASS
		37	0	4.19	<13	PASS
		37	18	4.24	<13	PASS
		37	38	4.6	<13	PASS
		75	0	4.82	<13	PASS
16QAM	LCH	1	0	4.25	<13	PASS
		1	37	4.73	<13	PASS
		1	74	4.79	<13	PASS
		37	0	5.32	<13	PASS
		37	18	5.45	<13	PASS
		37	38	5.57	<13	PASS
		75	0	5.67	<13	PASS
	MCH	1	0	4.12	<13	PASS
		1	37	4.29	<13	PASS
		1	74	4.89	<13	PASS
		37	0	4.90	<13	PASS
		37	18	5.03	<13	PASS
		37	38	5.27	<13	PASS
		75	0	5.30	<13	PASS
	HCH	1	0	4.47	<13	PASS
		1	37	4.24	<13	PASS
		1	74	4.79	<13	PASS
		37	0	5.09	<13	PASS
		37	18	5.11	<13	PASS
		37	38	5.43	<13	PASS
		75	0	5.48	<13	PASS

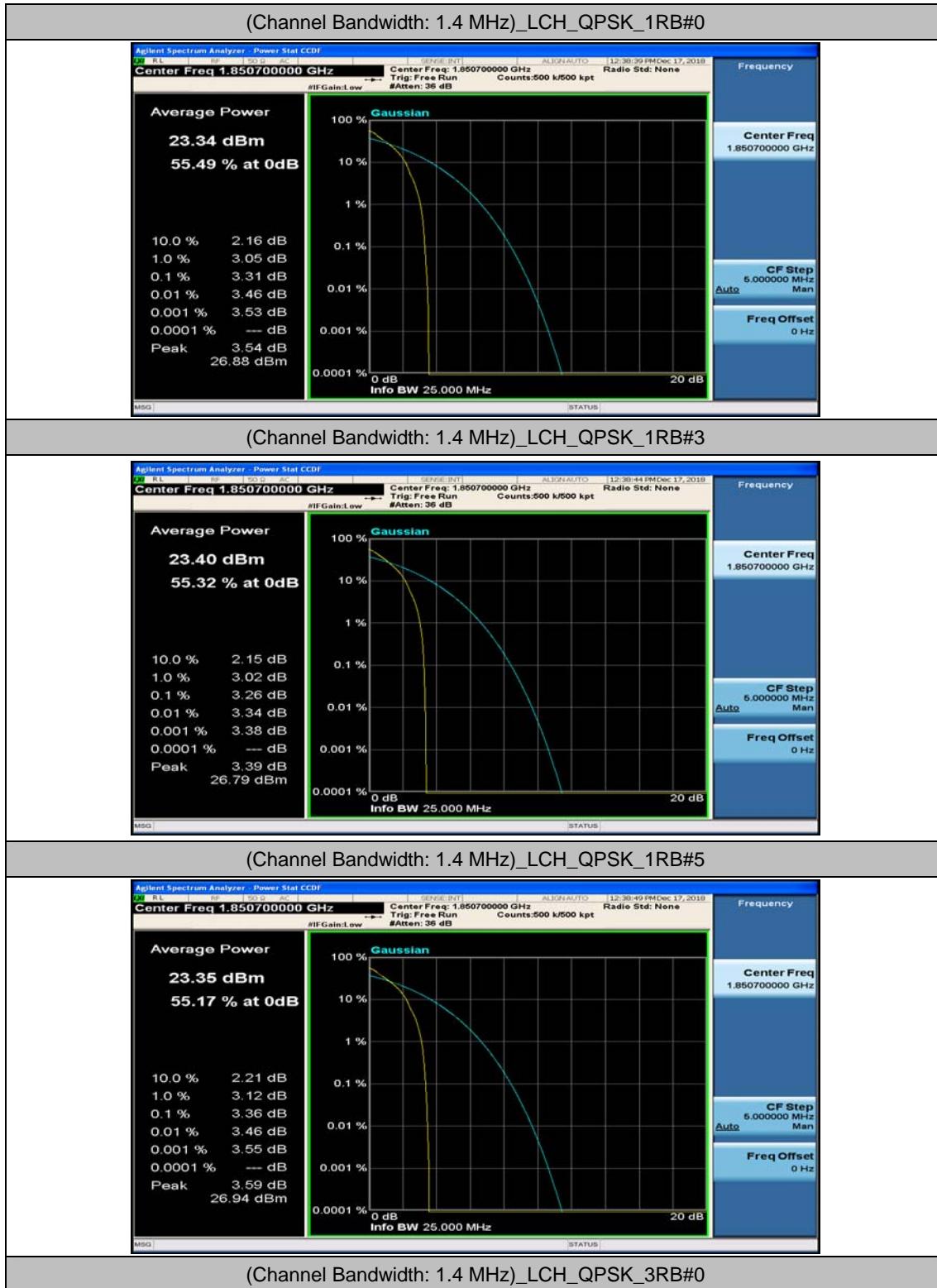
Channel Bandwidth: 20 MHz

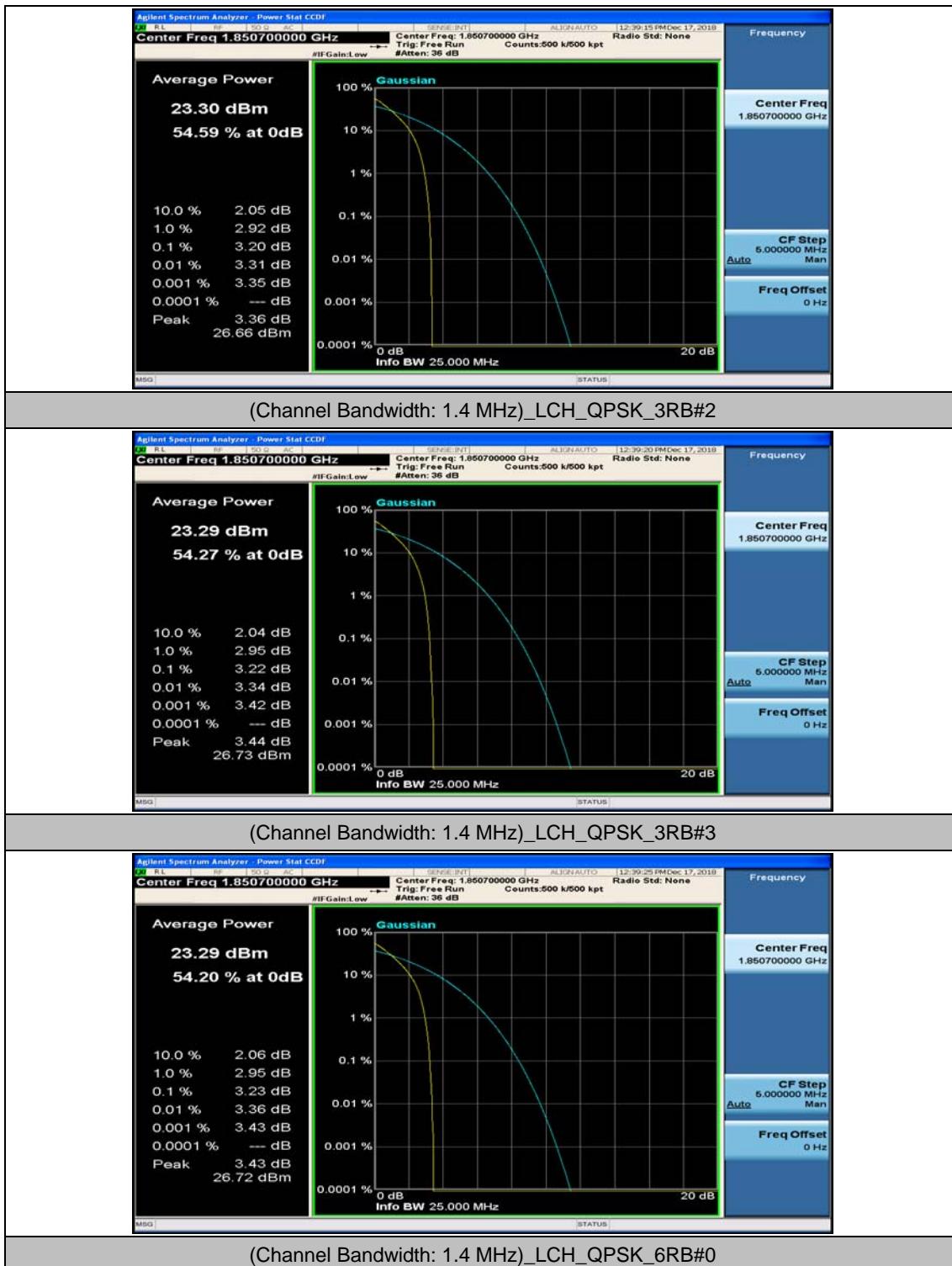
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.37	<13	PASS
		1	49	3.77	<13	PASS
		1	99	3.52	<13	PASS

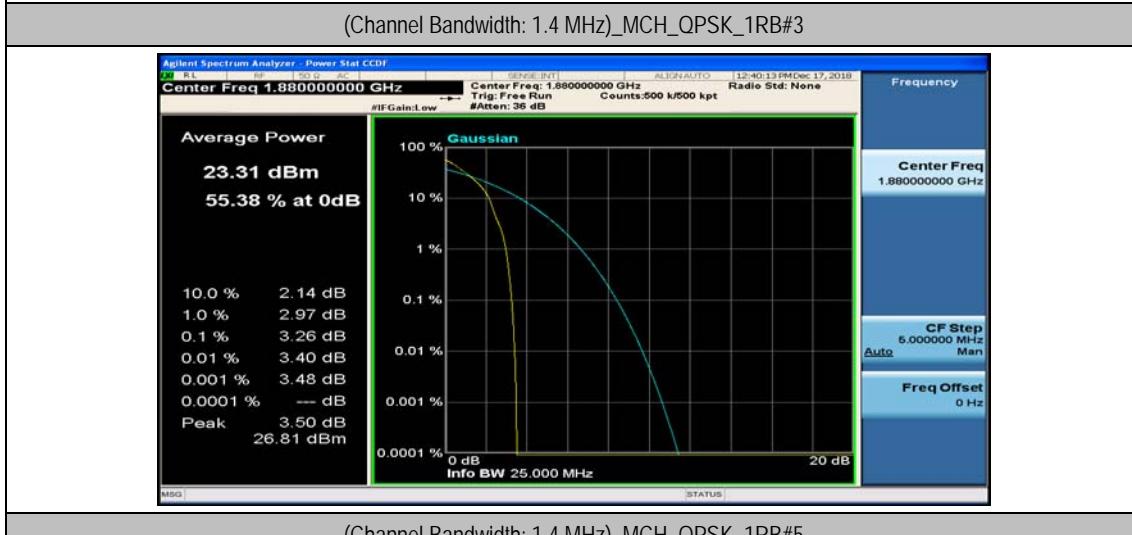
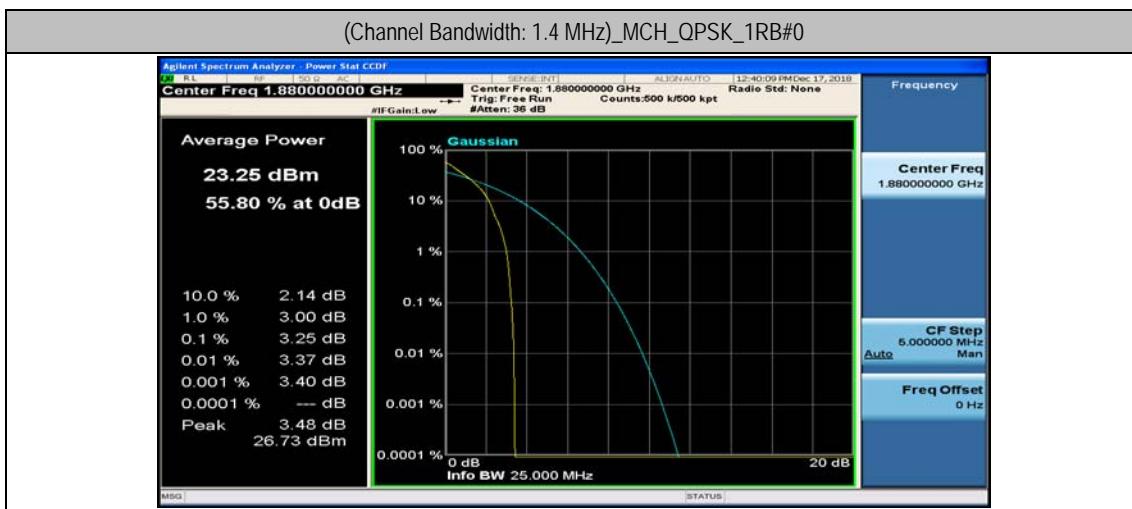
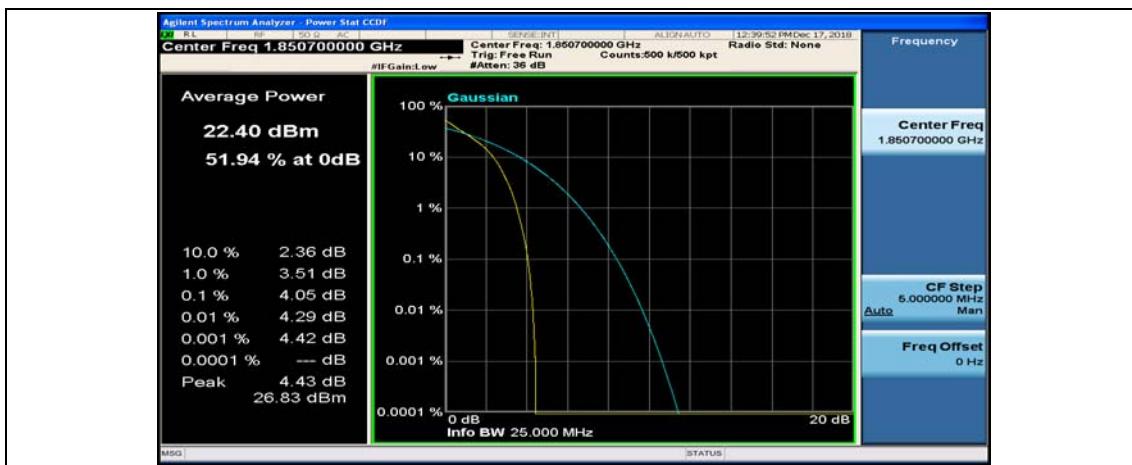
		50	0	4.66	<13	PASS
		50	25	4.81	<13	PASS
		50	50	4.81	<13	PASS
		100	0	5.00	<13	PASS
	MCH	1	0	3.29	<13	PASS
		1	49	3.30	<13	PASS
		1	99	4.03	<13	PASS
		50	0	4.24	<13	PASS
	HCH	50	25	4.28	<13	PASS
		50	50	4.65	<13	PASS
		100	0	4.84	<13	PASS
		1	0	3.92	<13	PASS
	LCH	1	49	3.17	<13	PASS
		1	99	3.76	<13	PASS
		50	0	4.57	<13	PASS
		50	25	4.35	<13	PASS
	16QAM	50	50	4.61	<13	PASS
		100	0	4.90	<13	PASS
		1	0	4.22	<13	PASS
		1	49	4.66	<13	PASS
	MCH	1	99	4.40	<13	PASS
		50	0	5.46	<13	PASS
		50	25	5.62	<13	PASS
		50	50	5.59	<13	PASS
	HCH	100	0	5.76	<13	PASS
		1	0	4.15	<13	PASS
		1	49	4.06	<13	PASS
		1	99	4.76	<13	PASS
	16QAM	50	0	5.04	<13	PASS
		50	25	5.09	<13	PASS
		50	50	5.43	<13	PASS
		100	0	5.54	<13	PASS
	HCH	1	0	4.84	<13	PASS
		1	49	4.18	<13	PASS
		1	99	4.66	<13	PASS
		50	0	5.42	<13	PASS
		50	25	5.21	<13	PASS
		50	50	5.45	<13	PASS
		100	0	5.65	<13	PASS

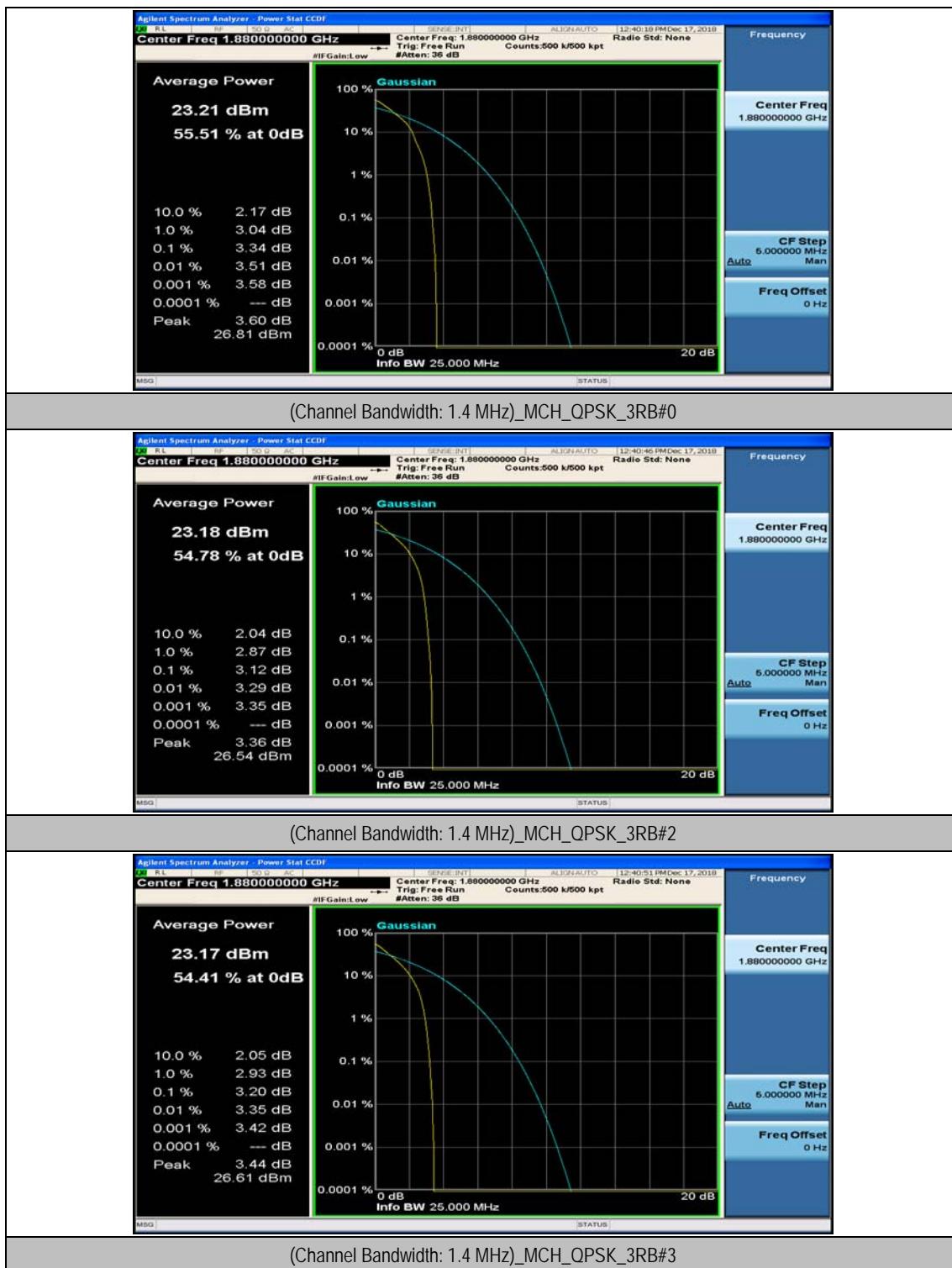
Test Graphs

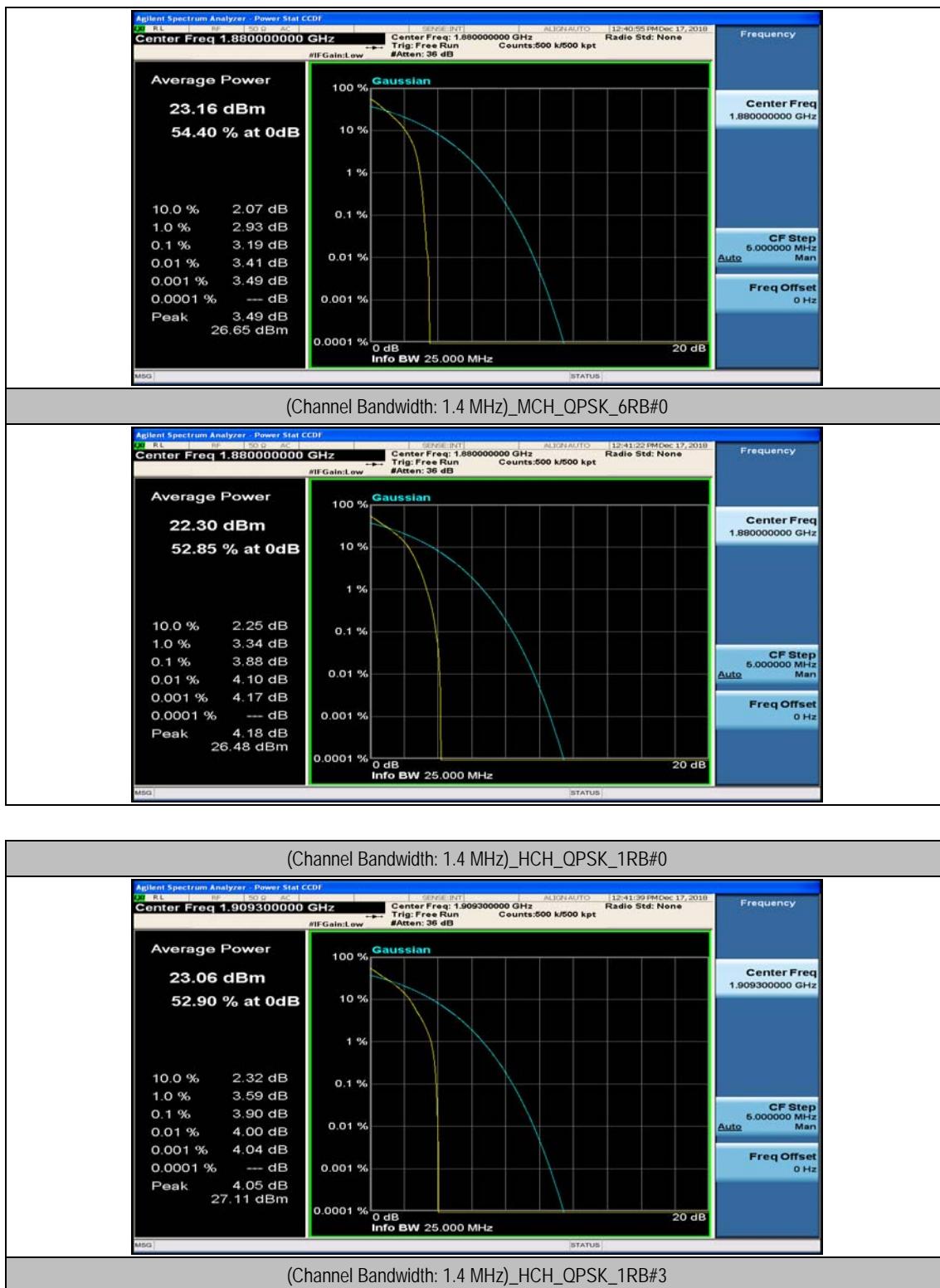
Channel Bandwidth: 1.4 MHz

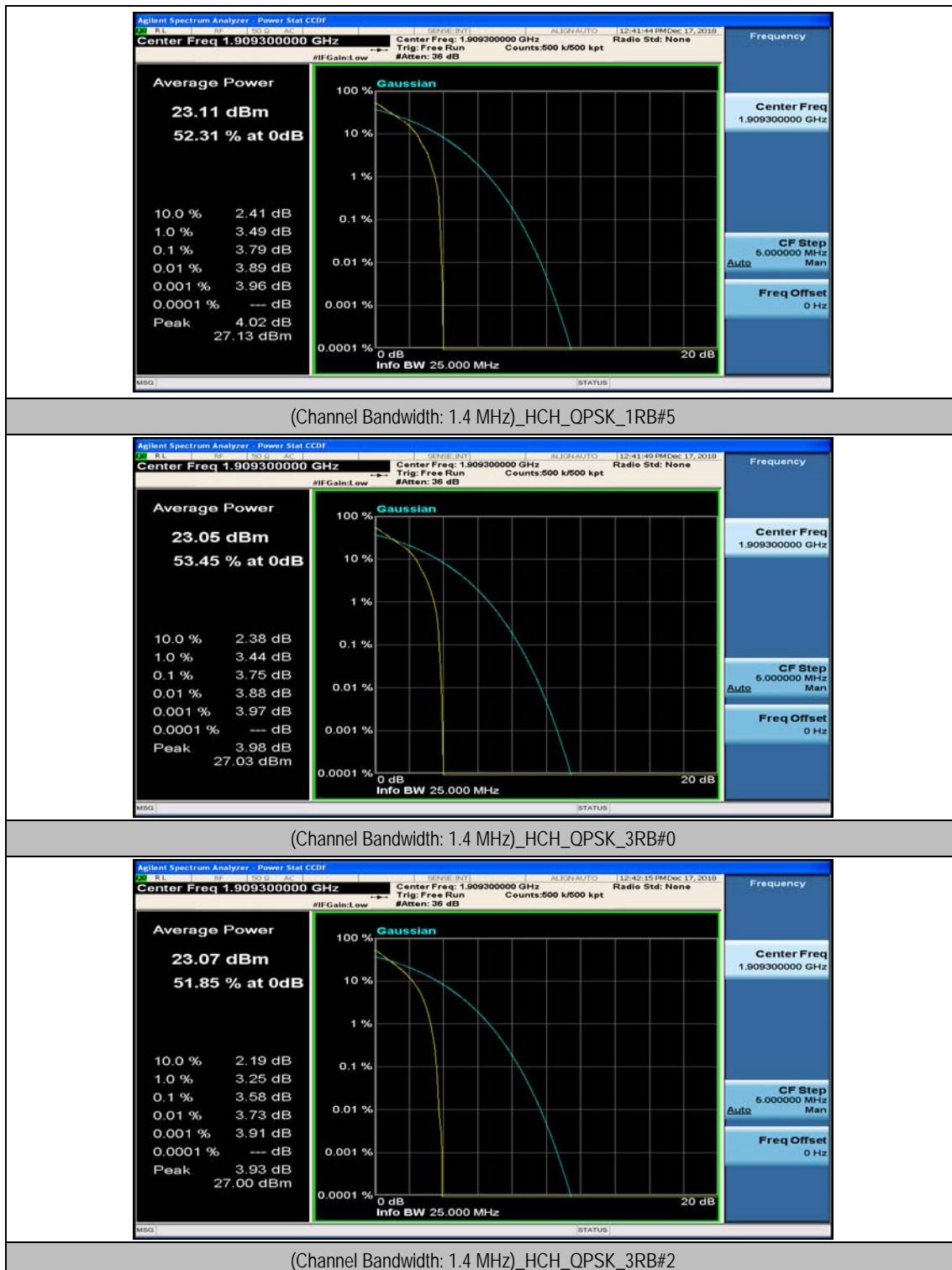


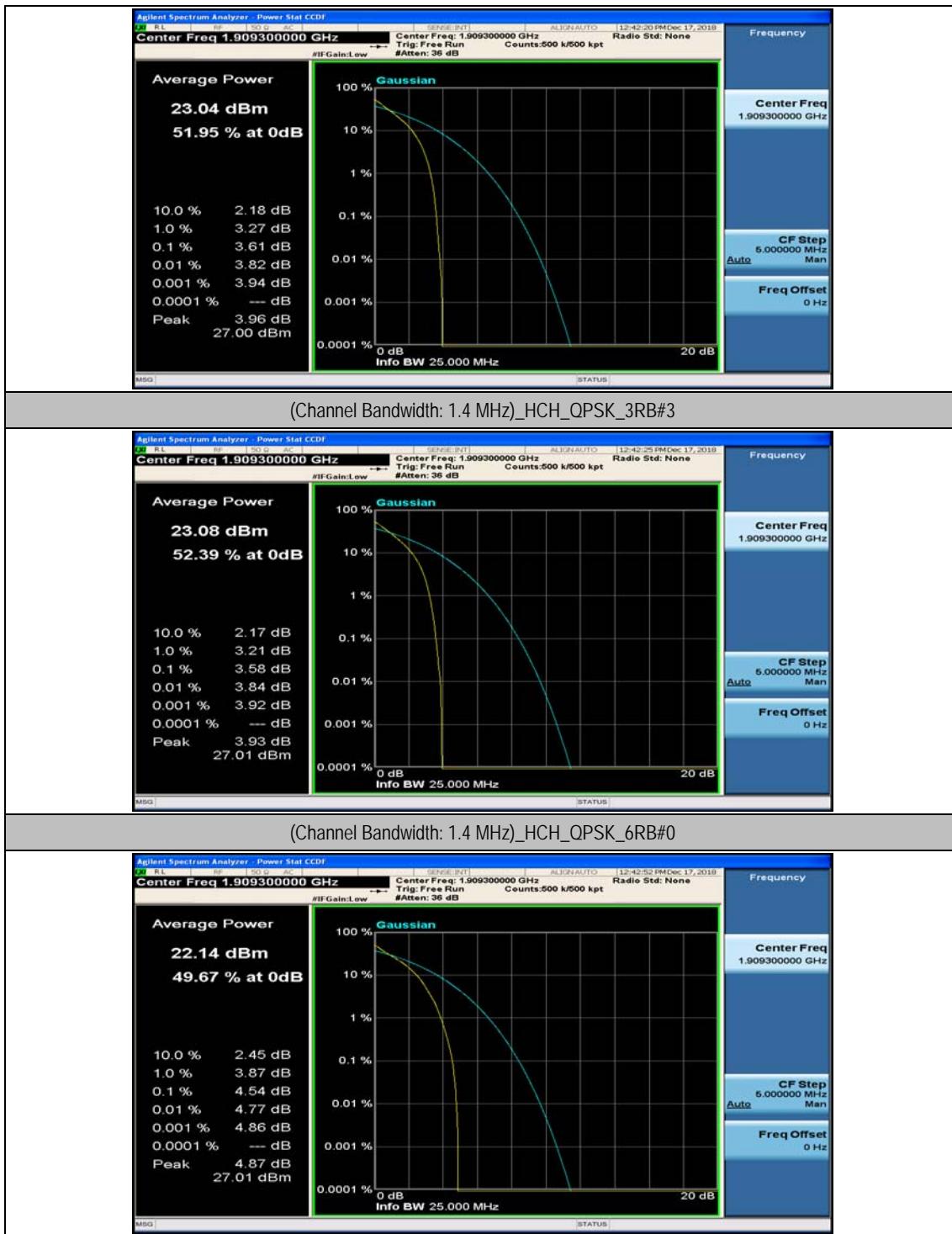




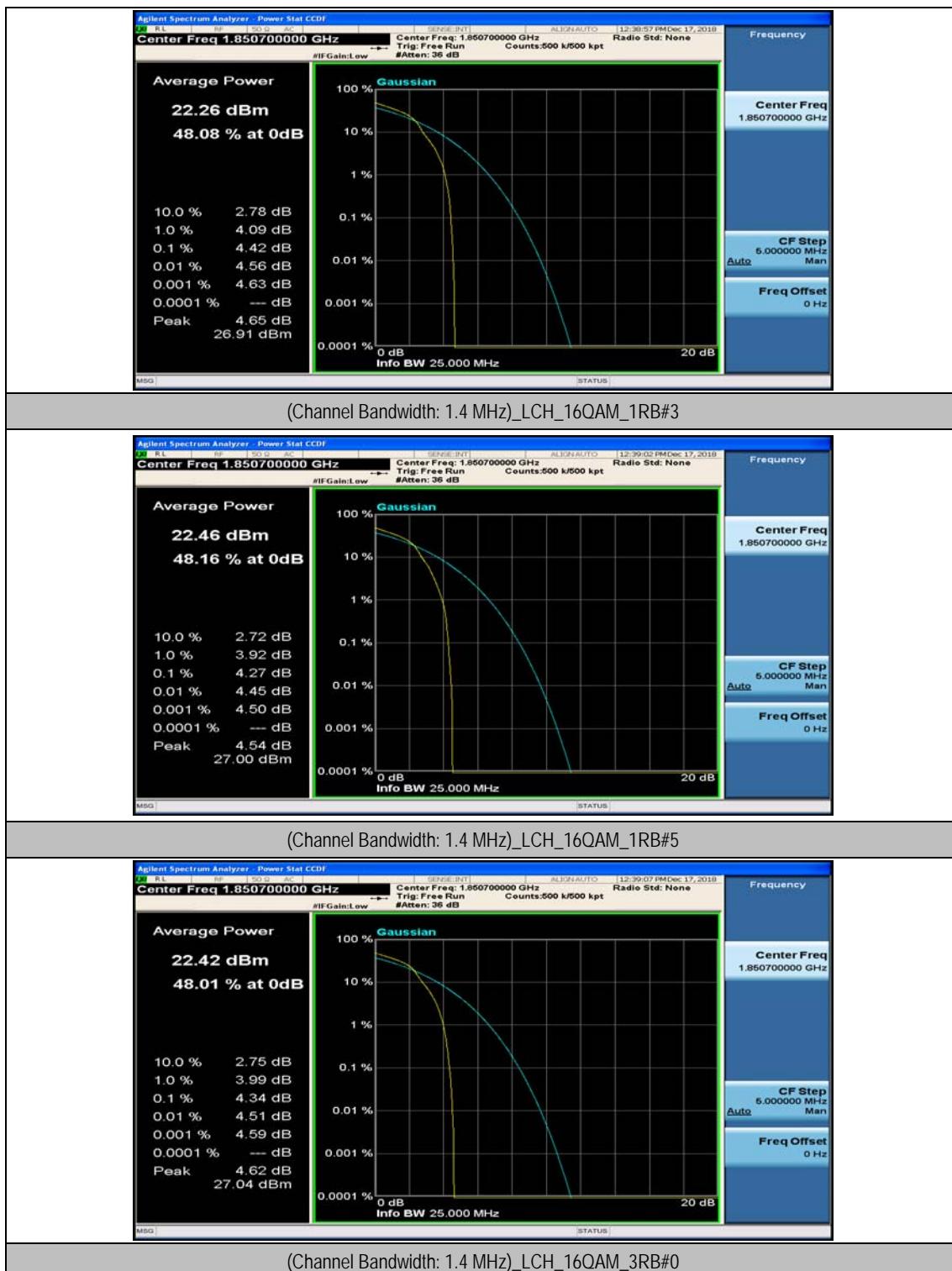


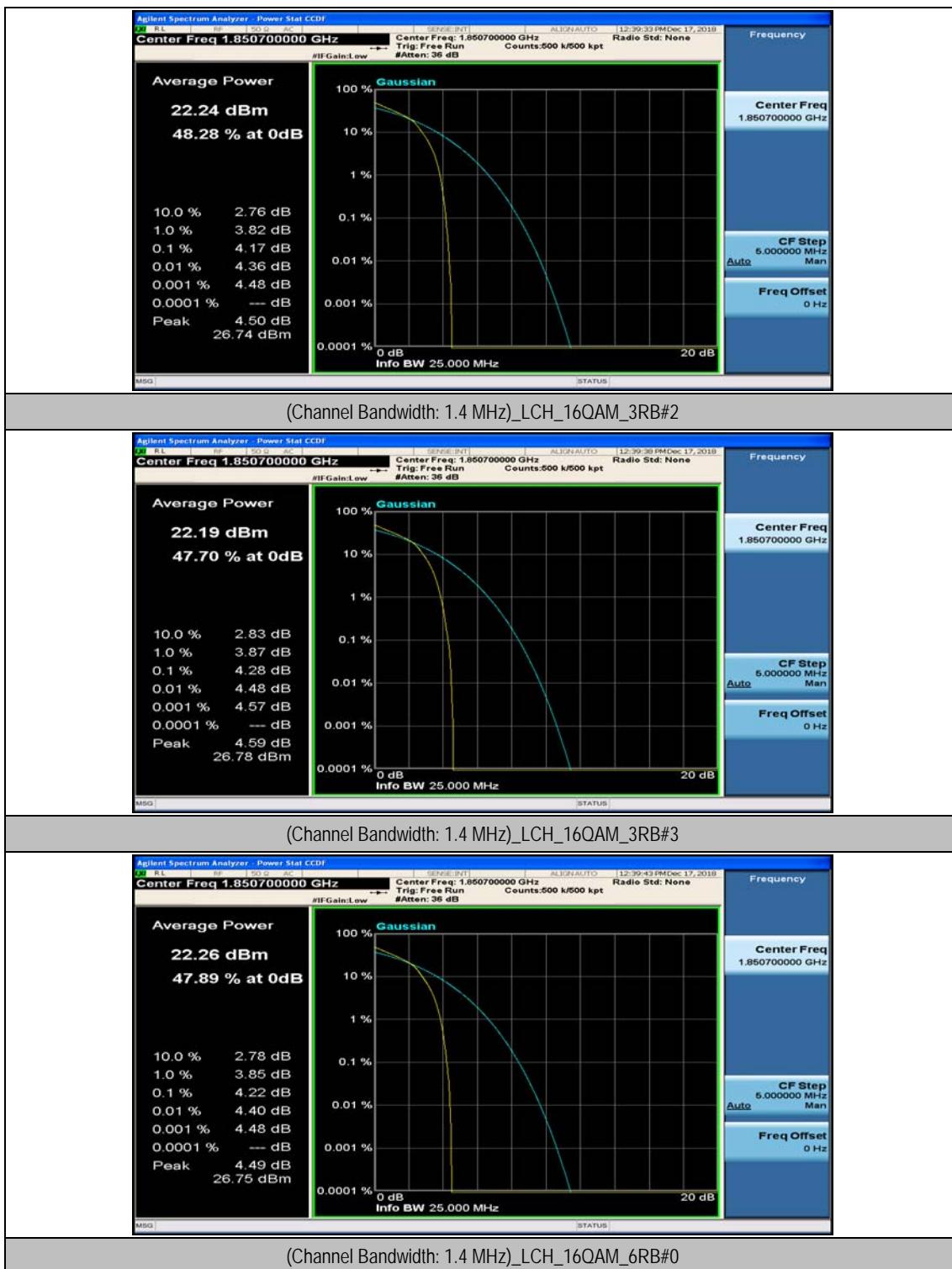


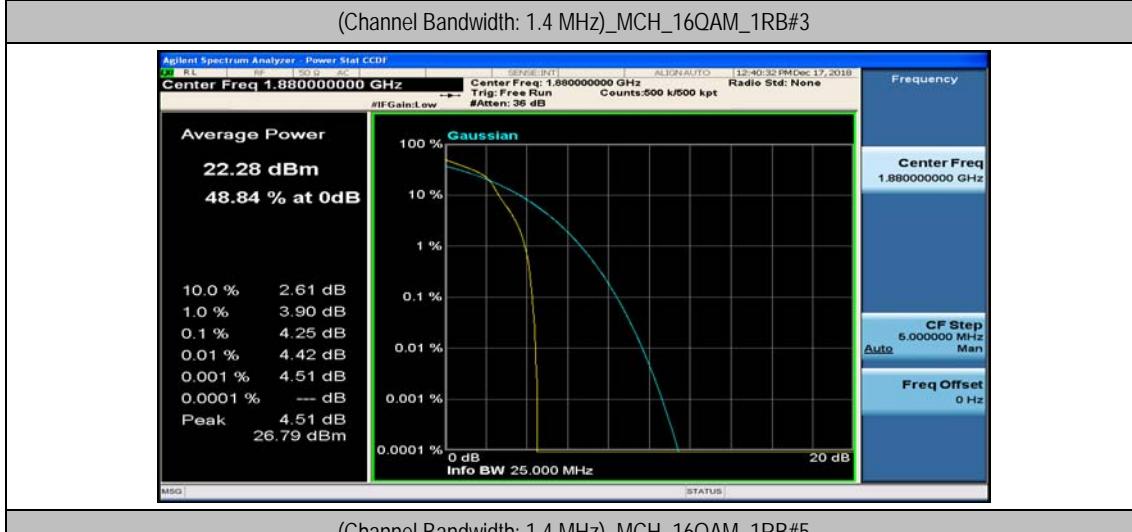
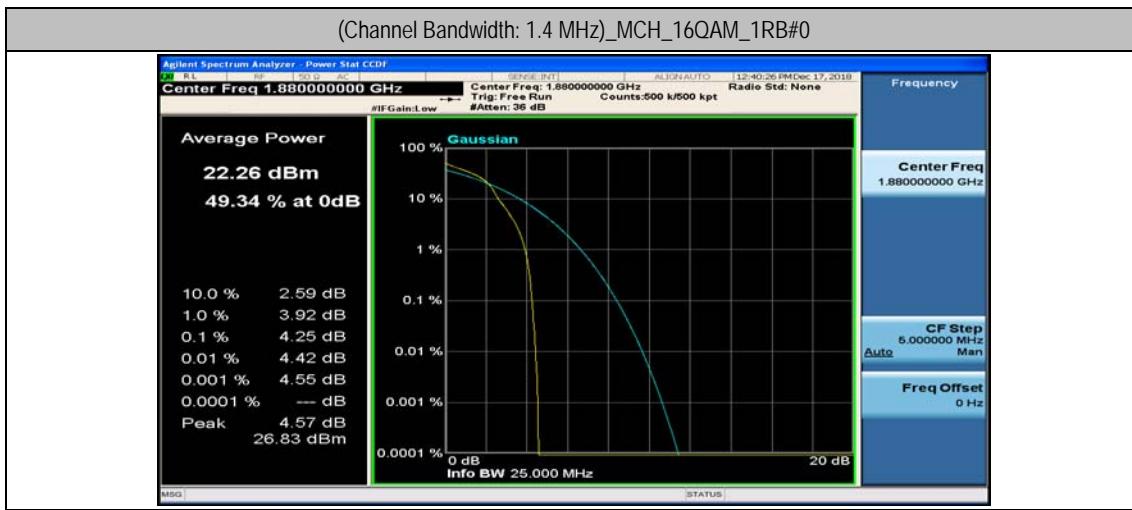
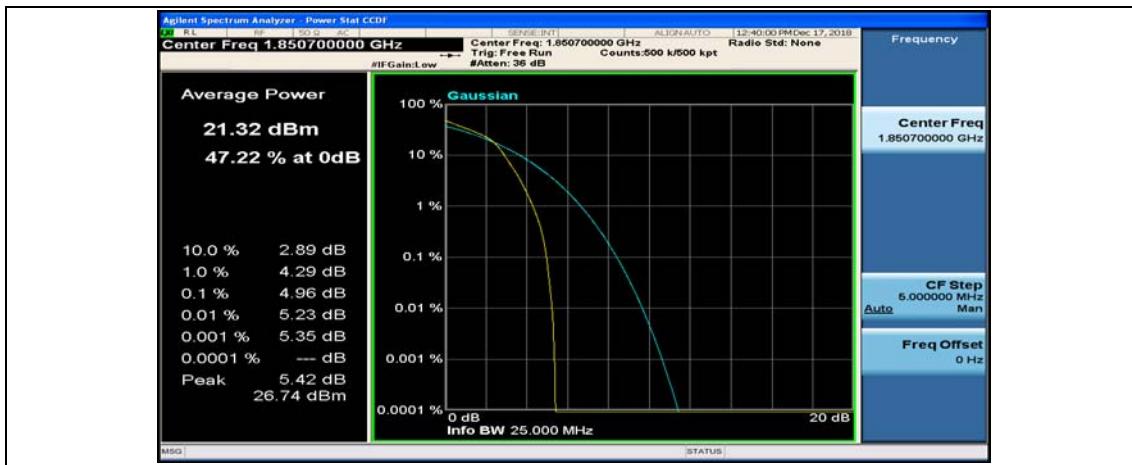




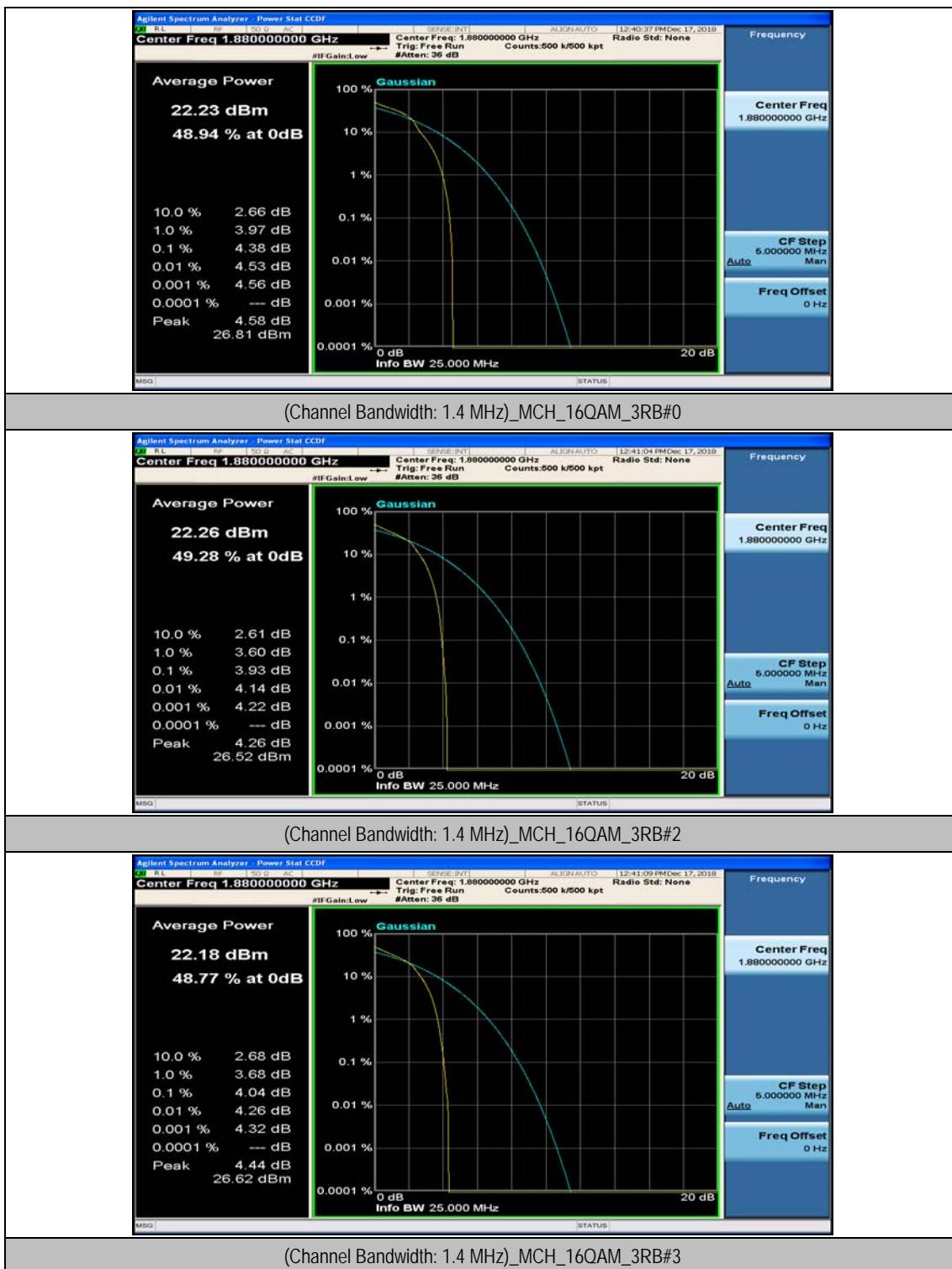
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0

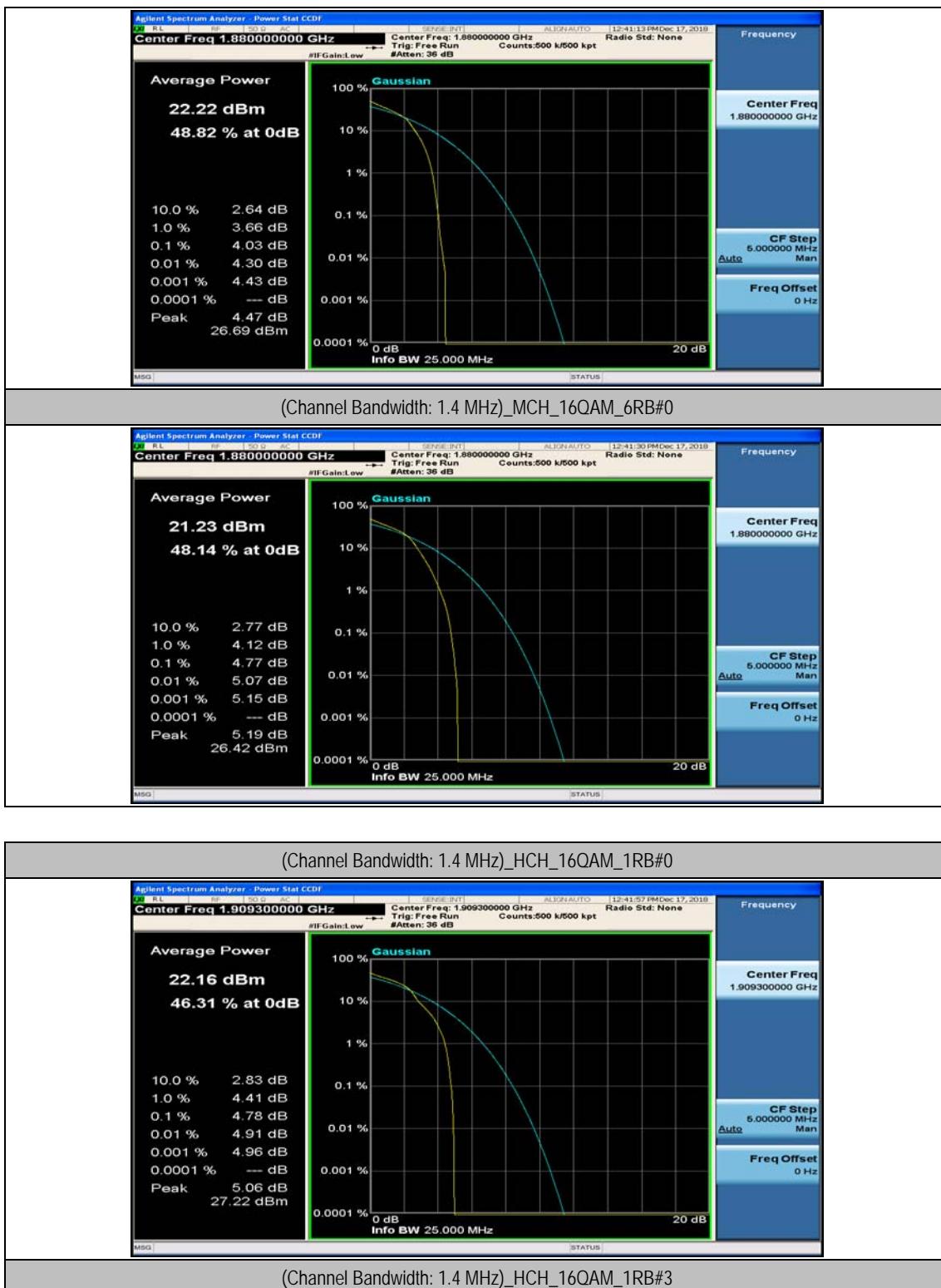


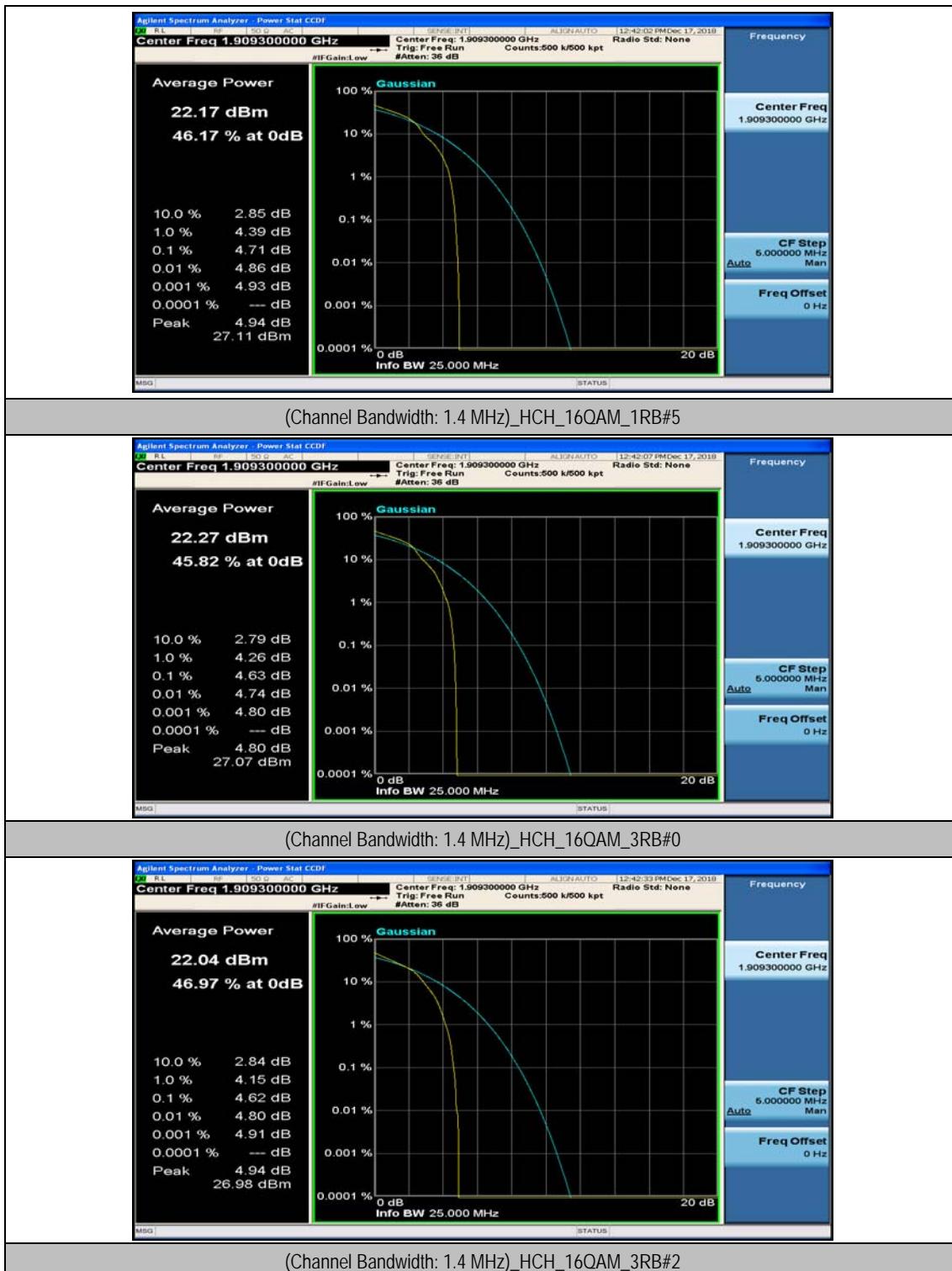


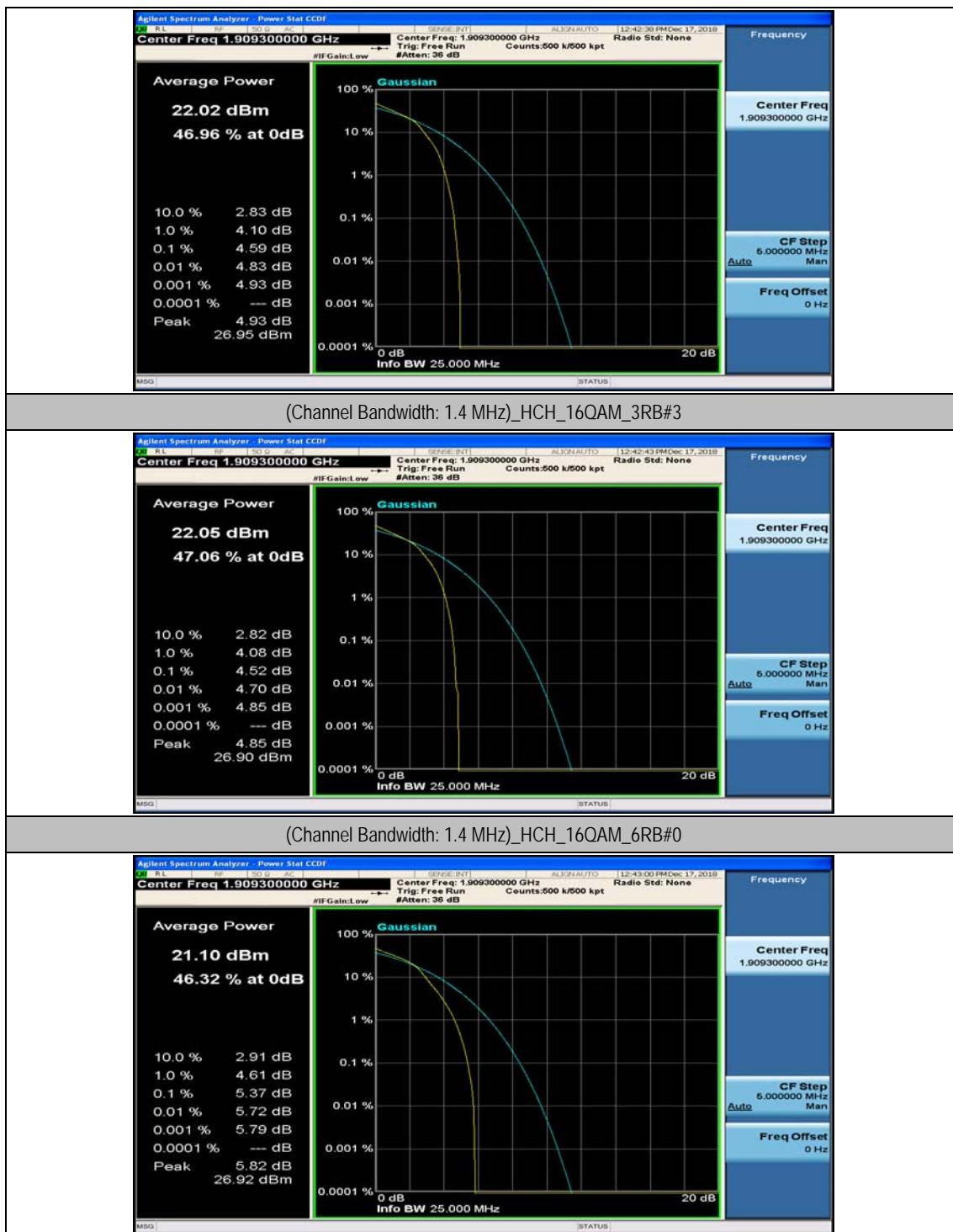


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5

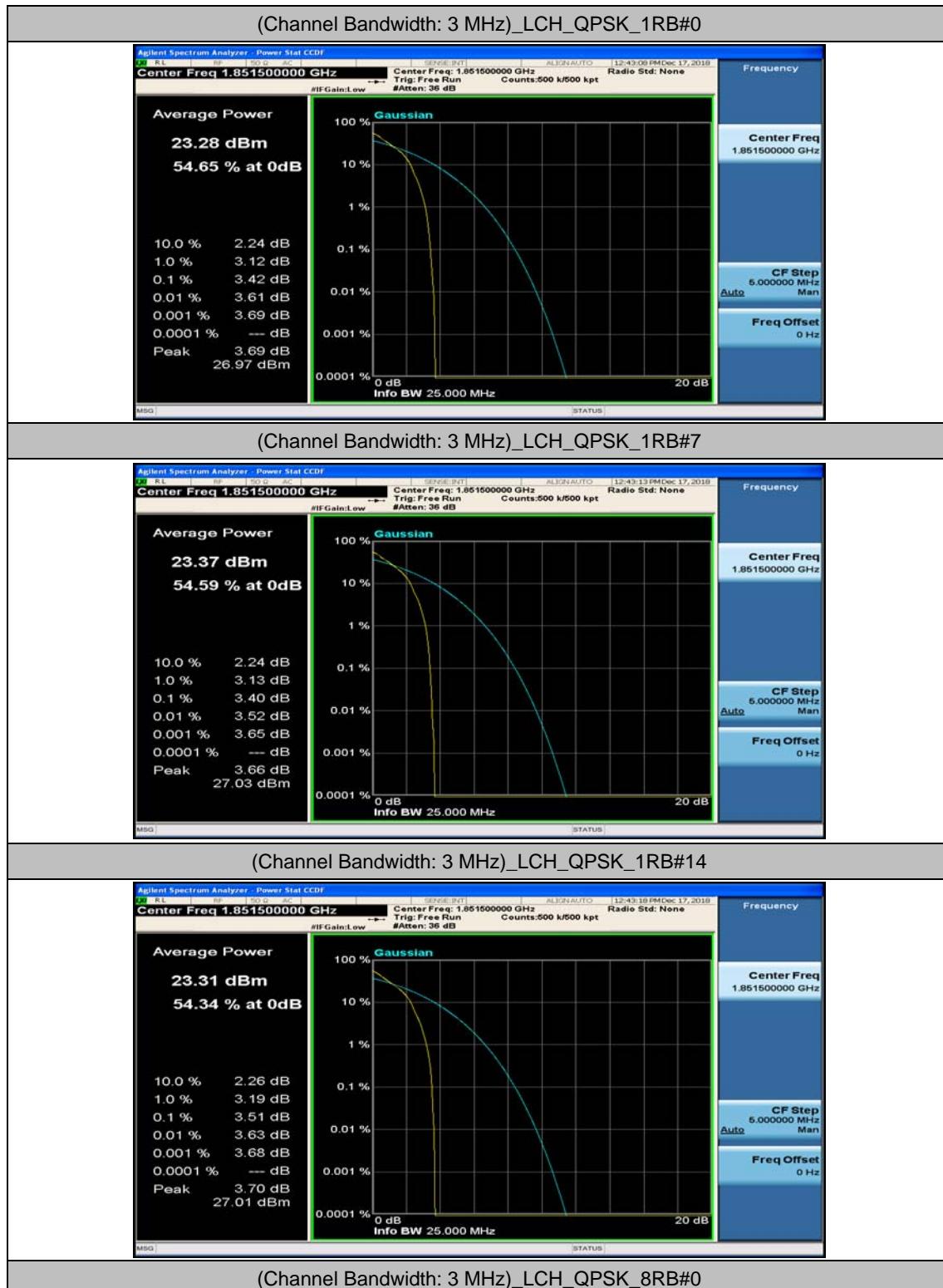


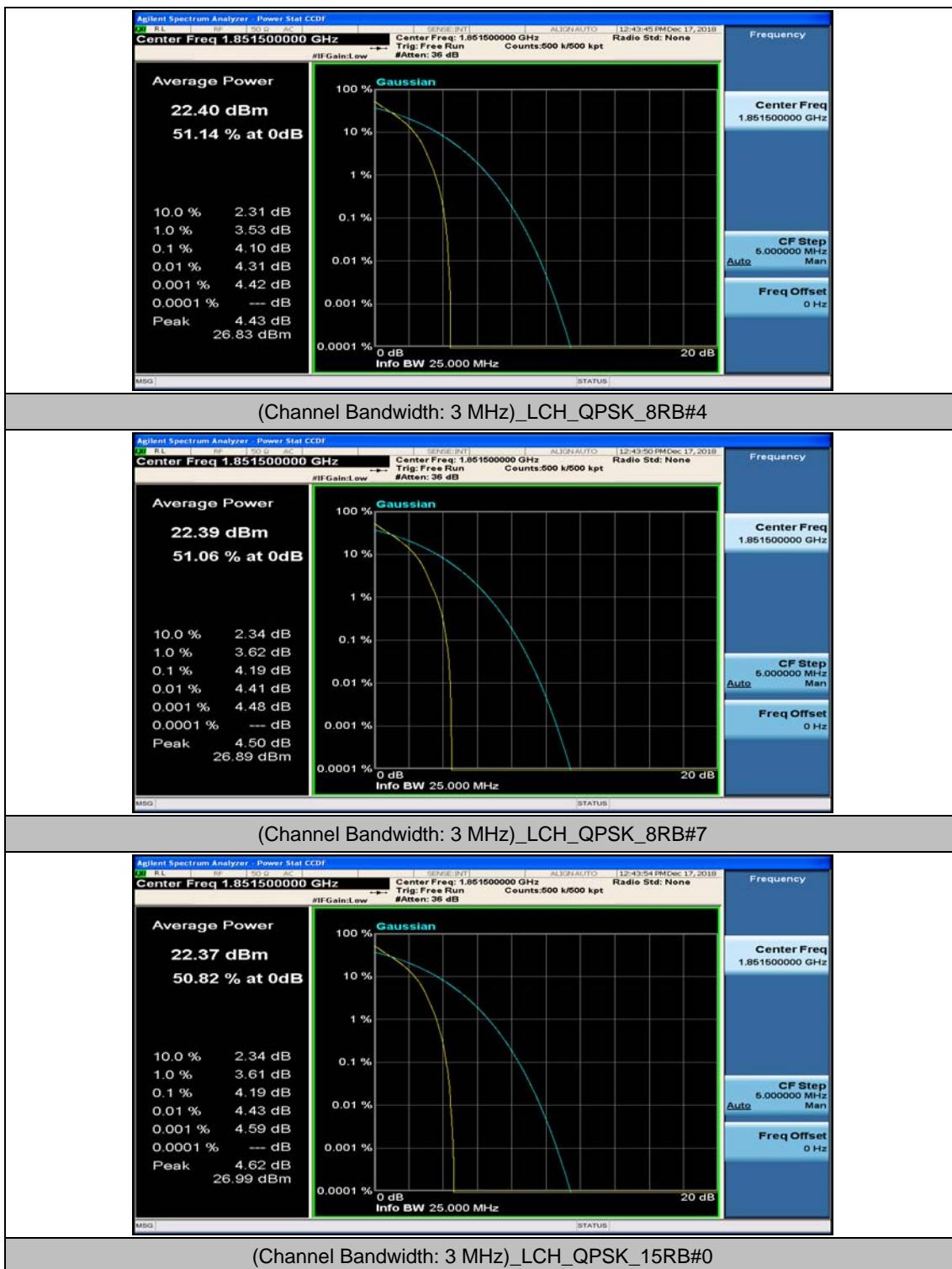


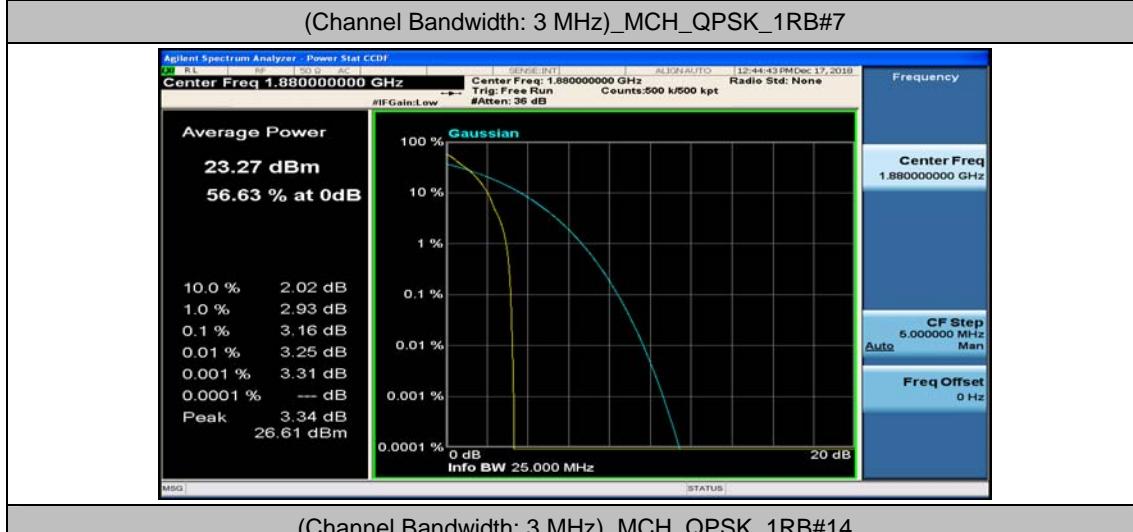
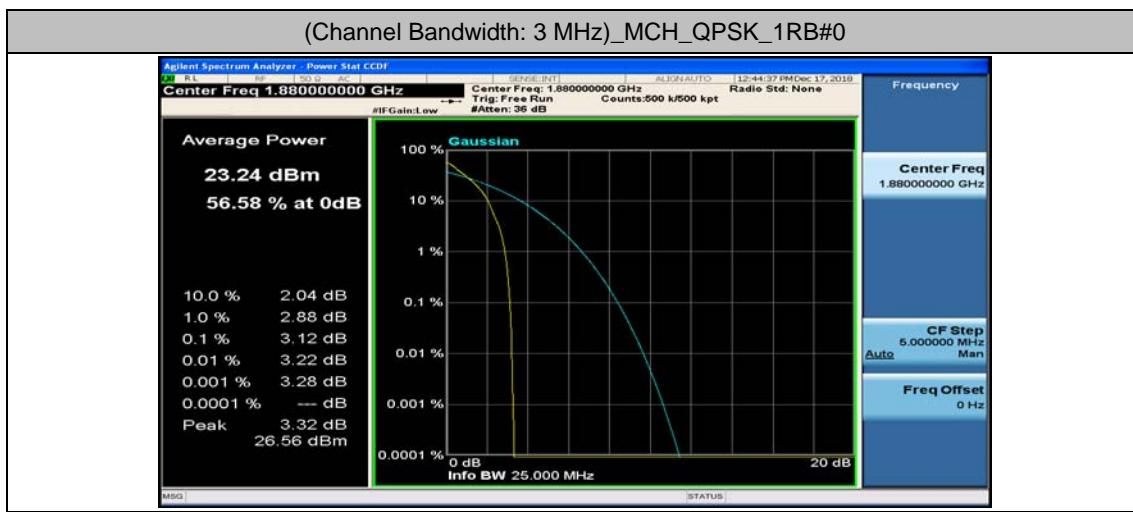




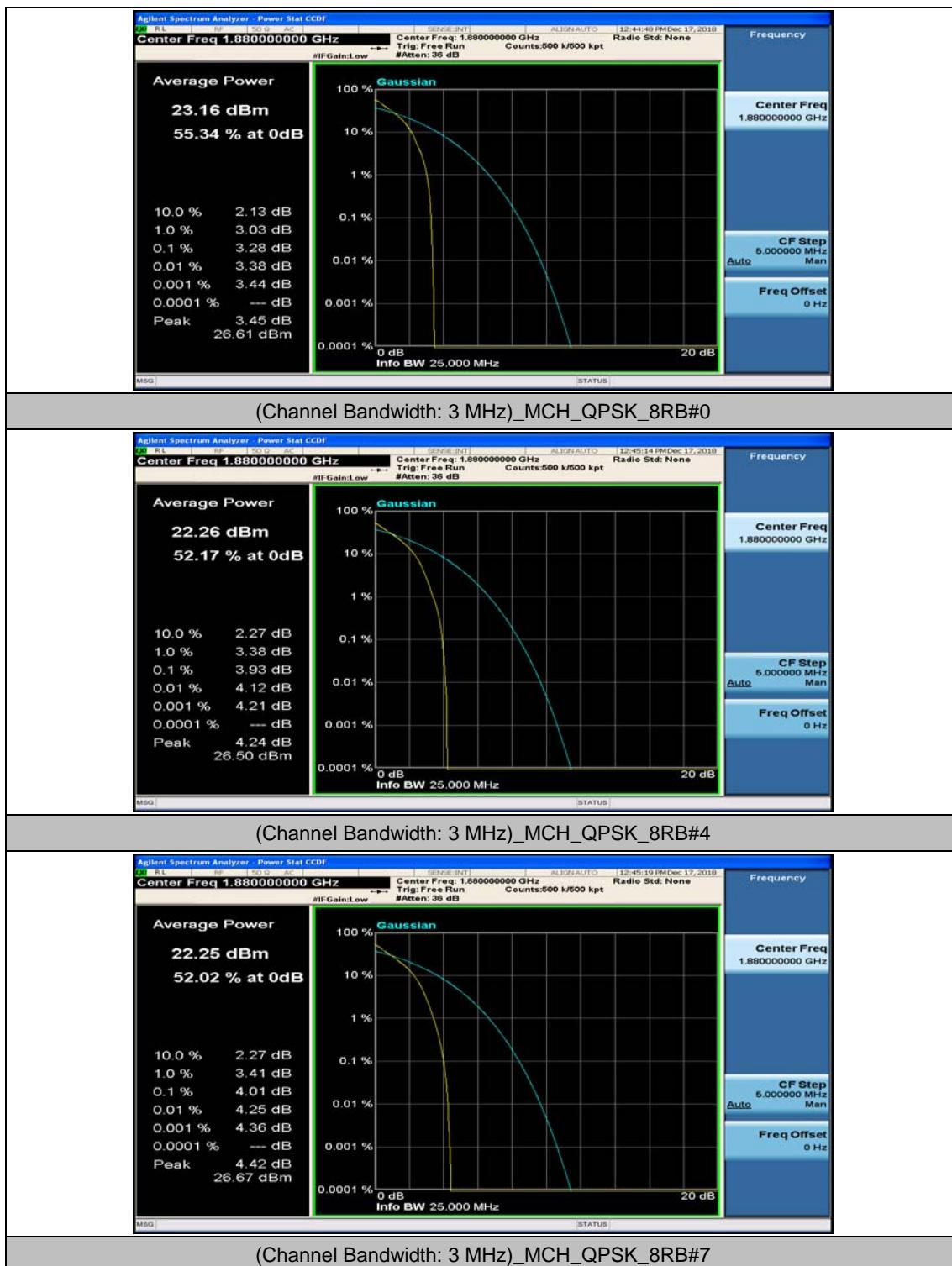
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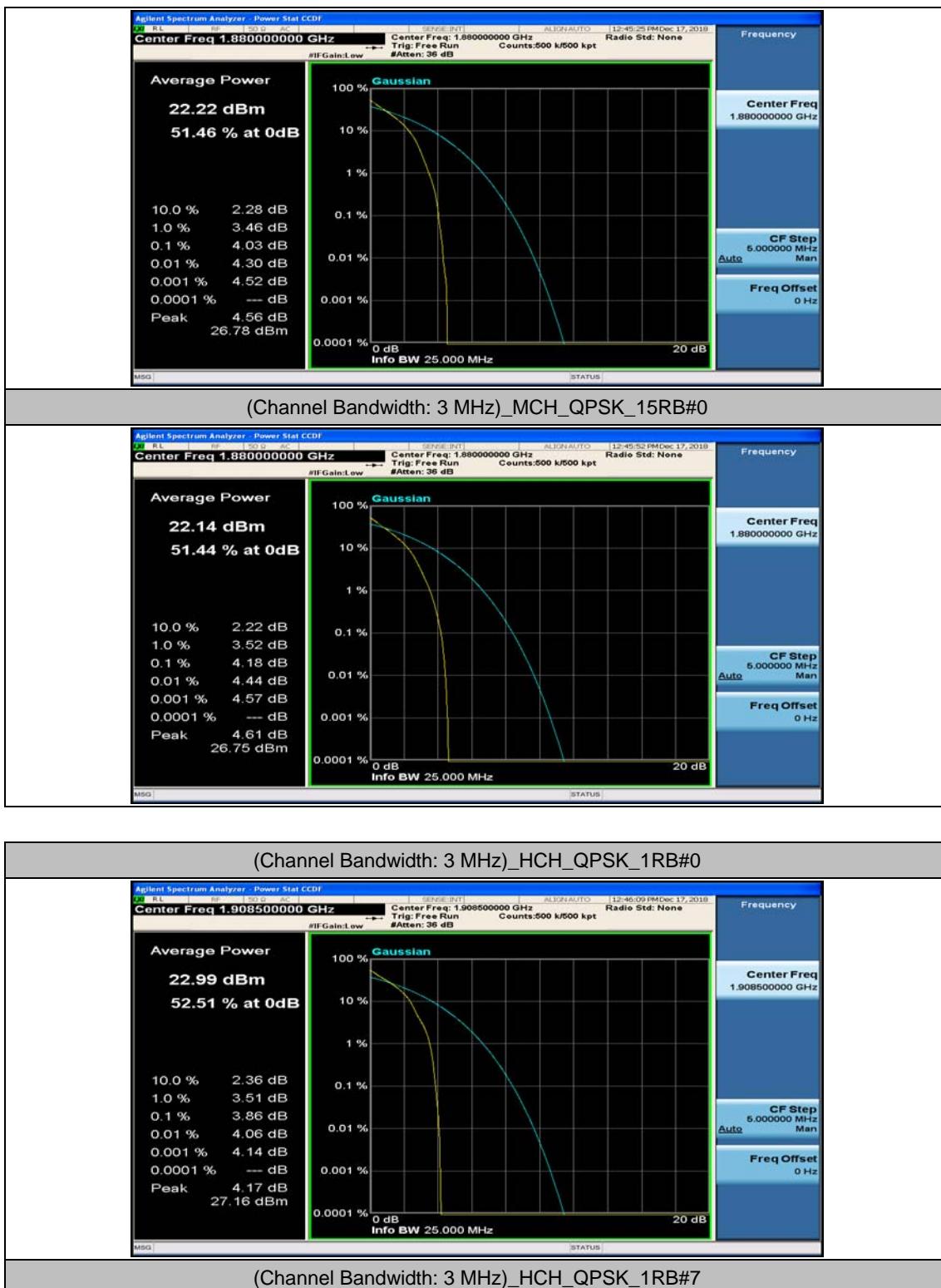


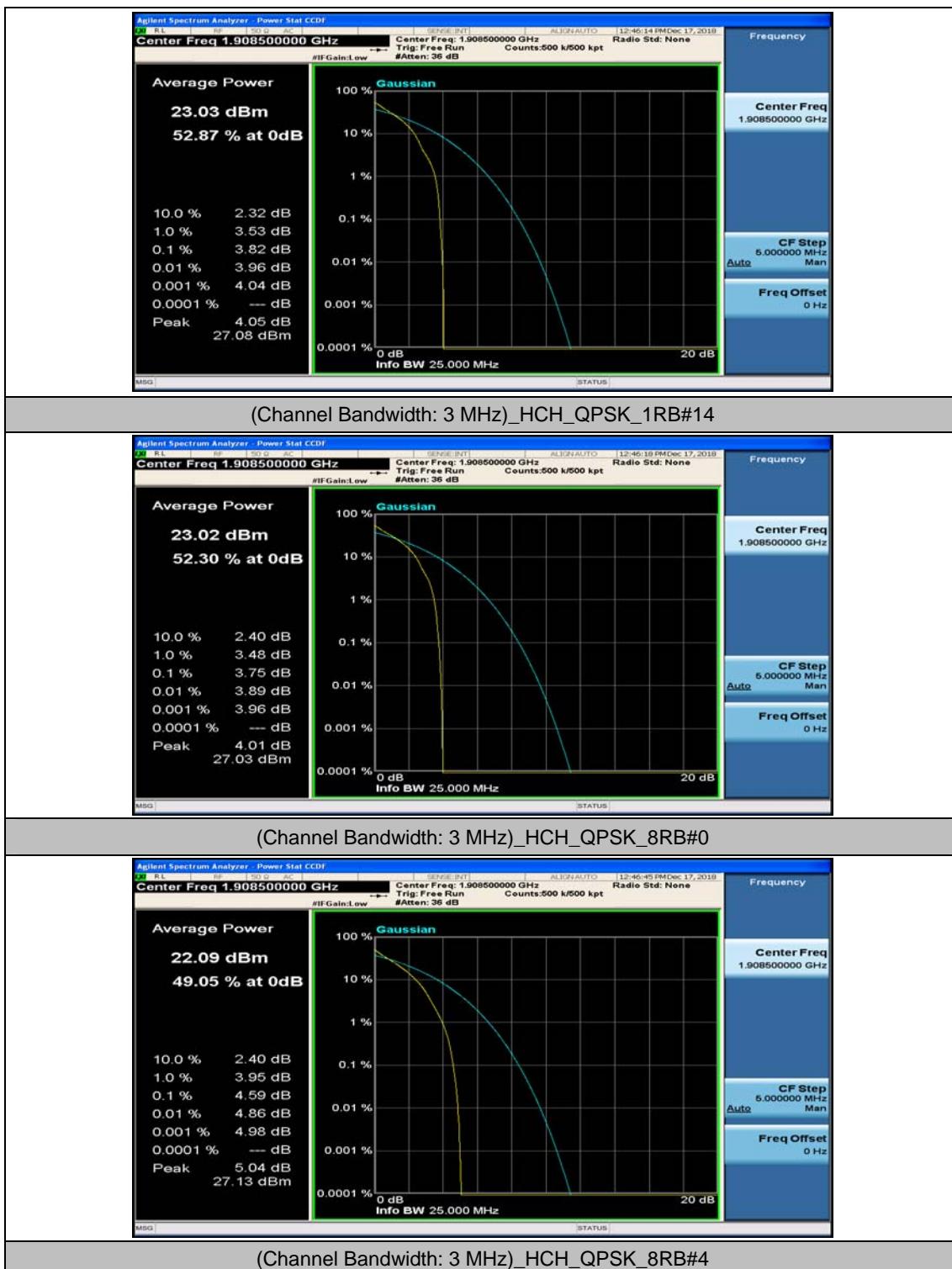


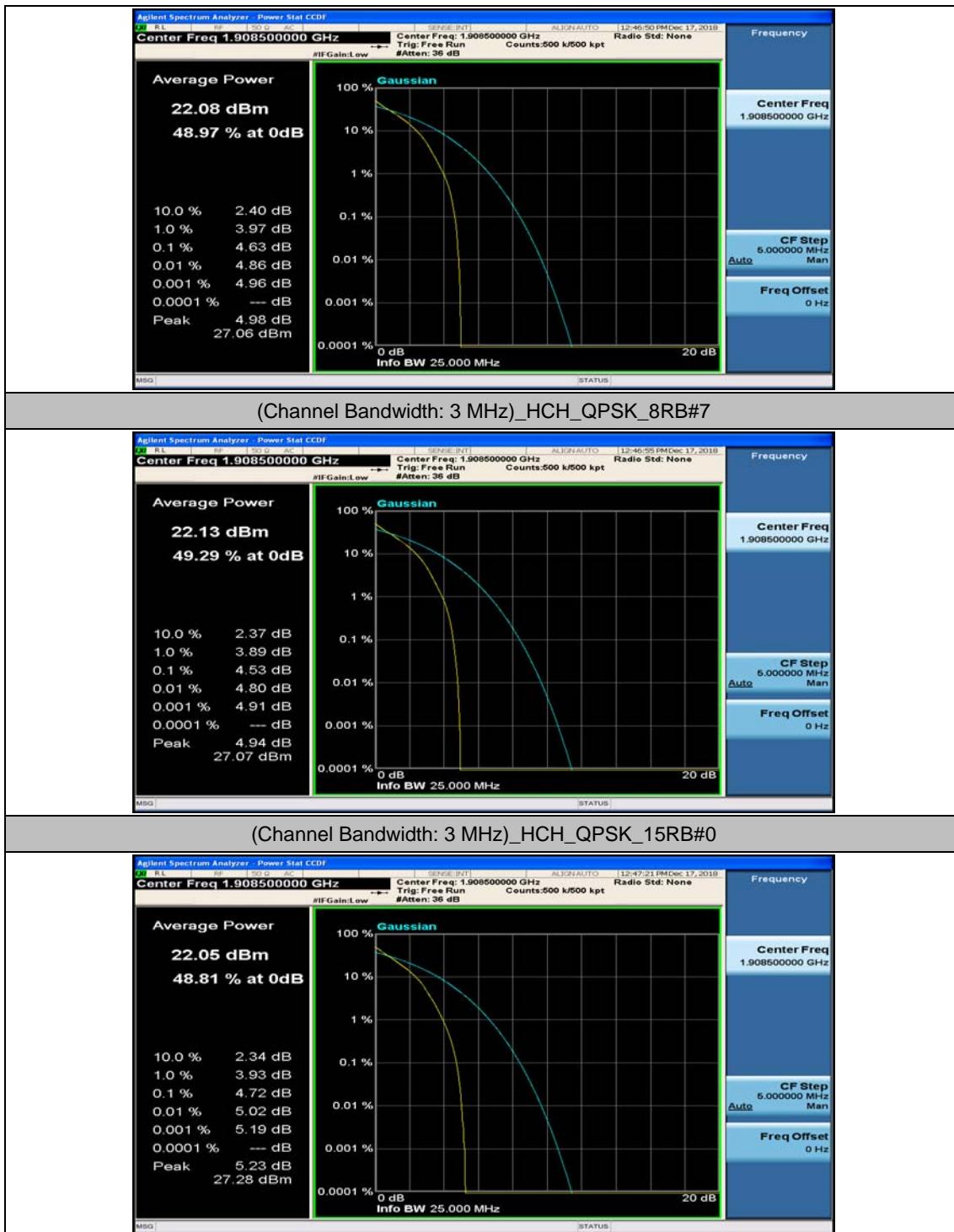


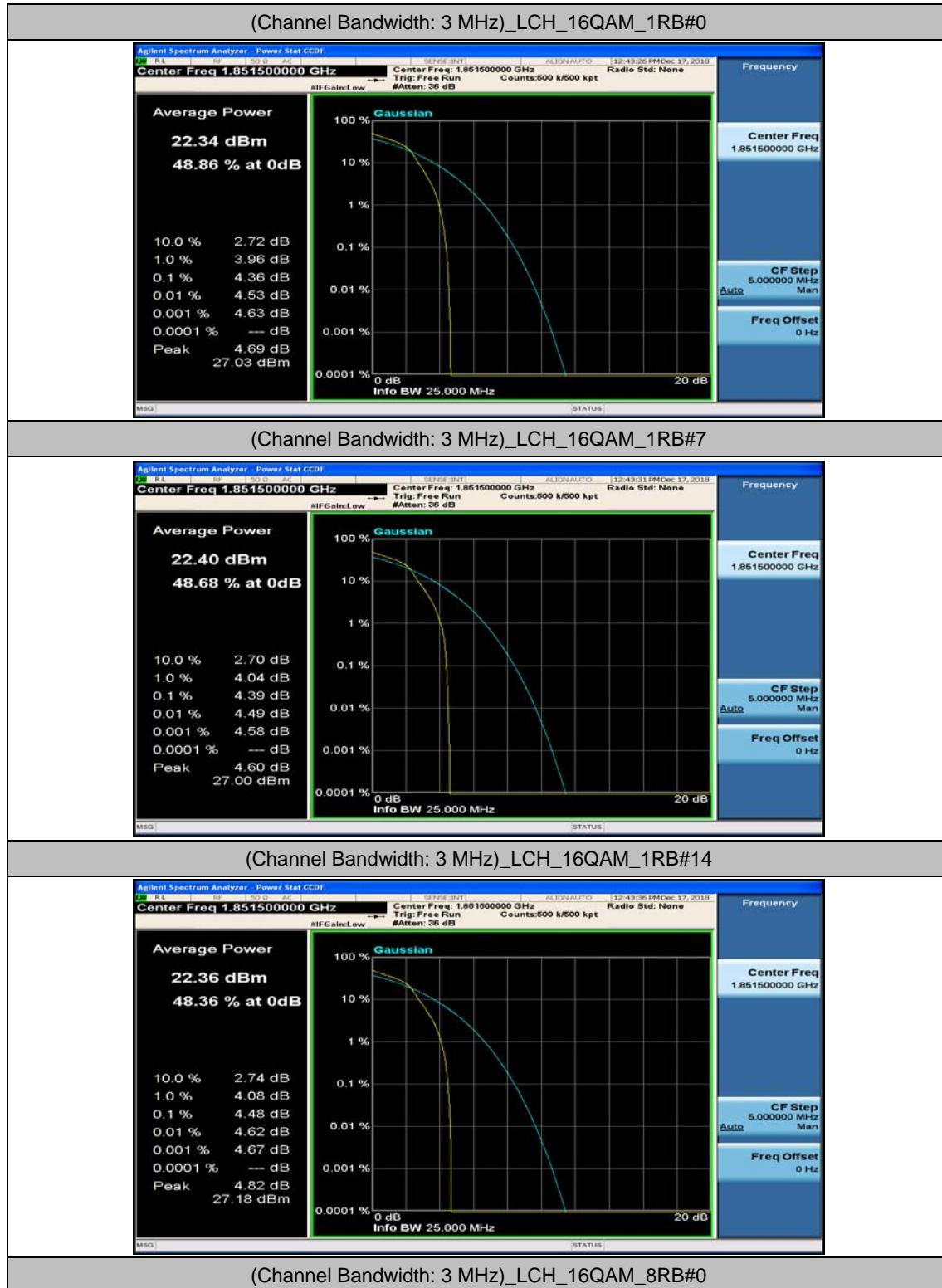
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14

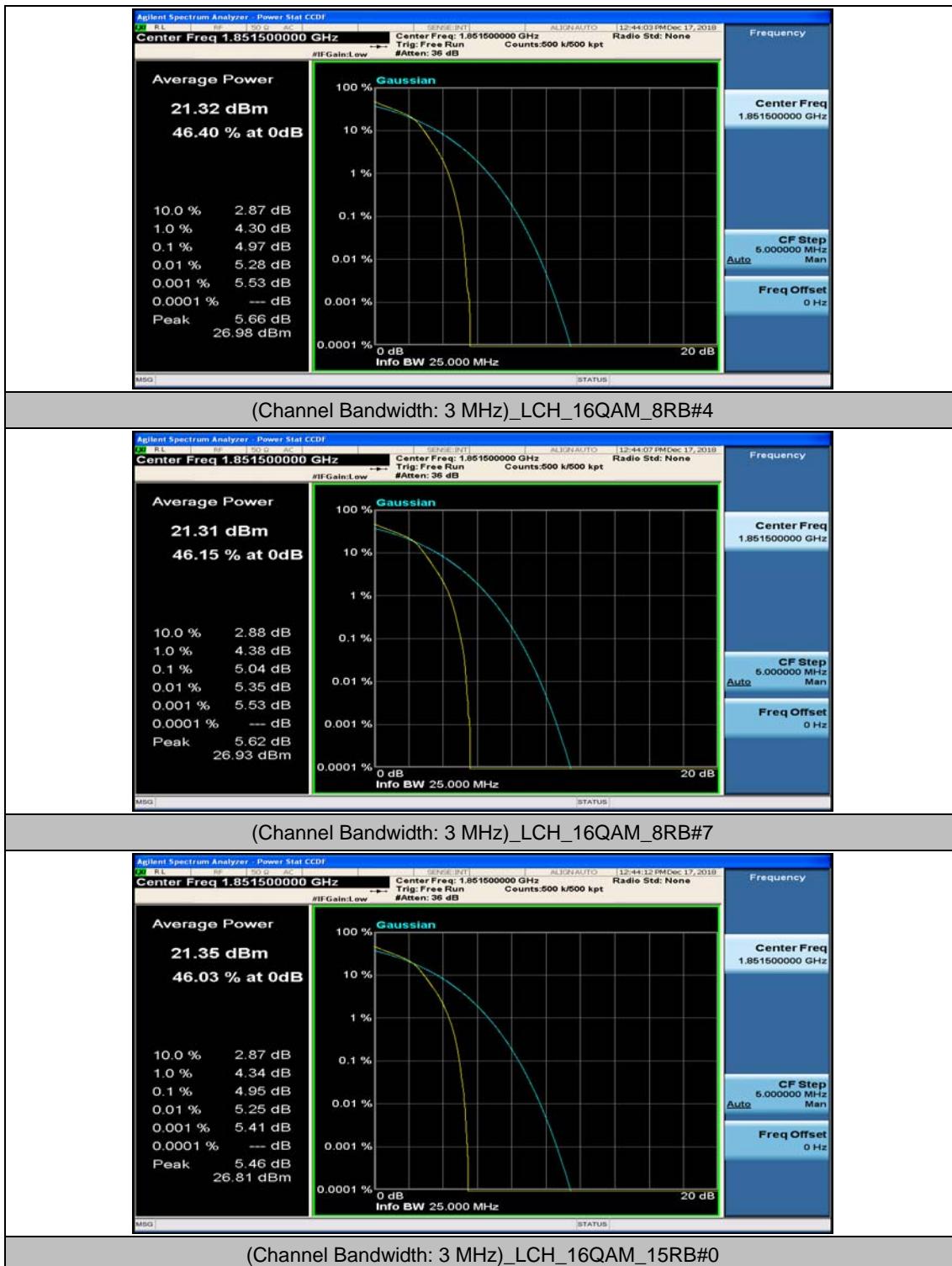


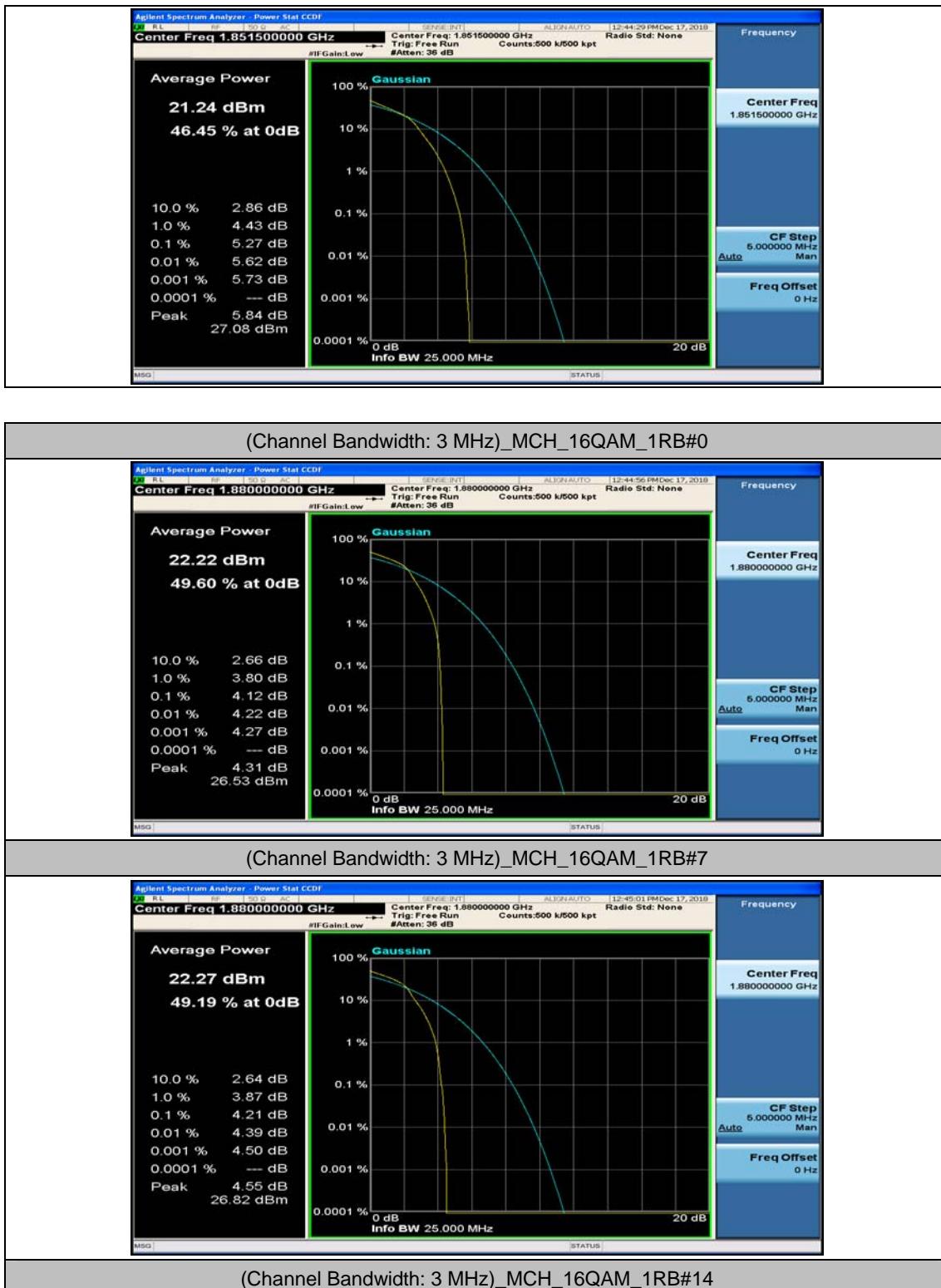


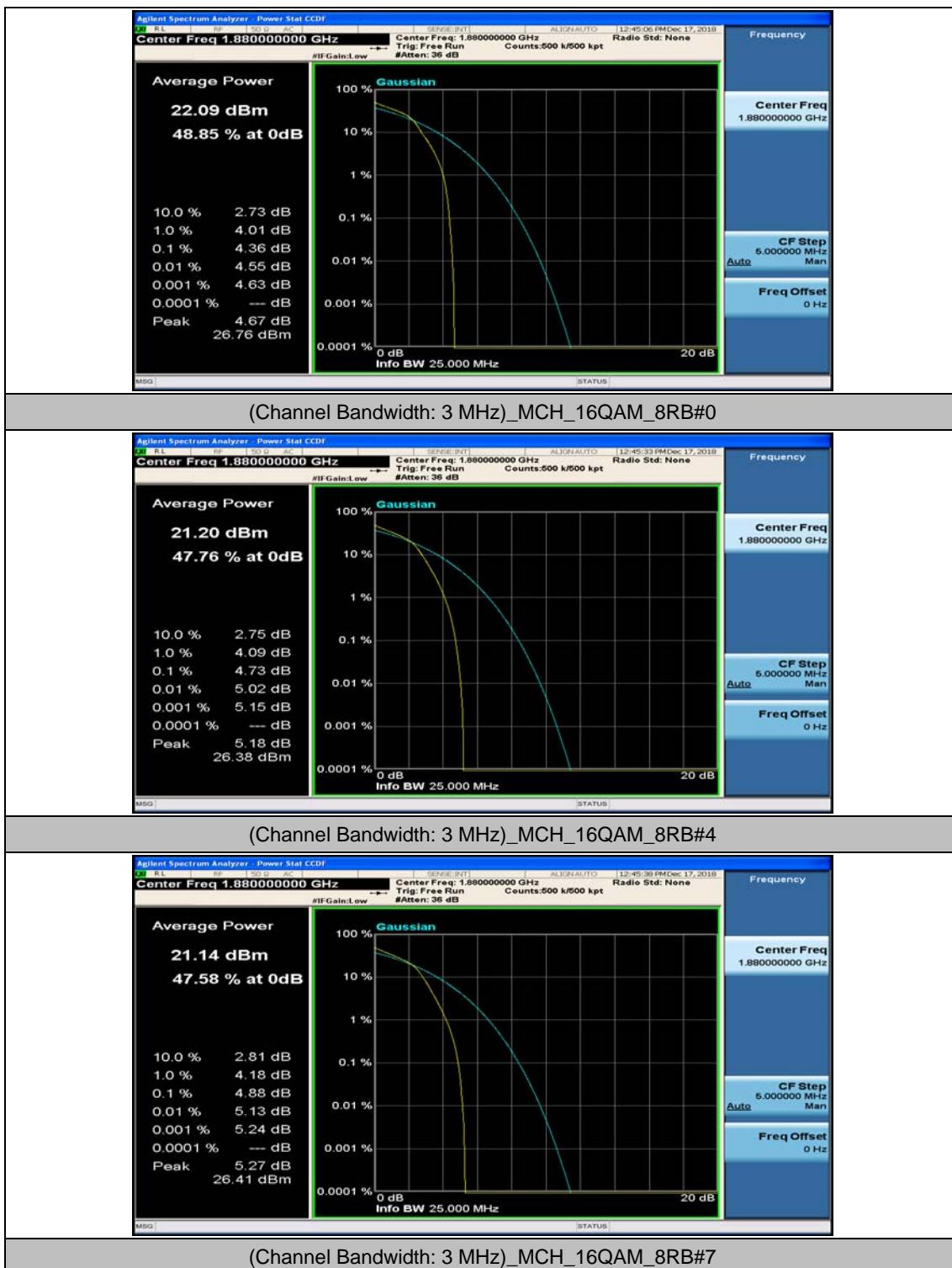


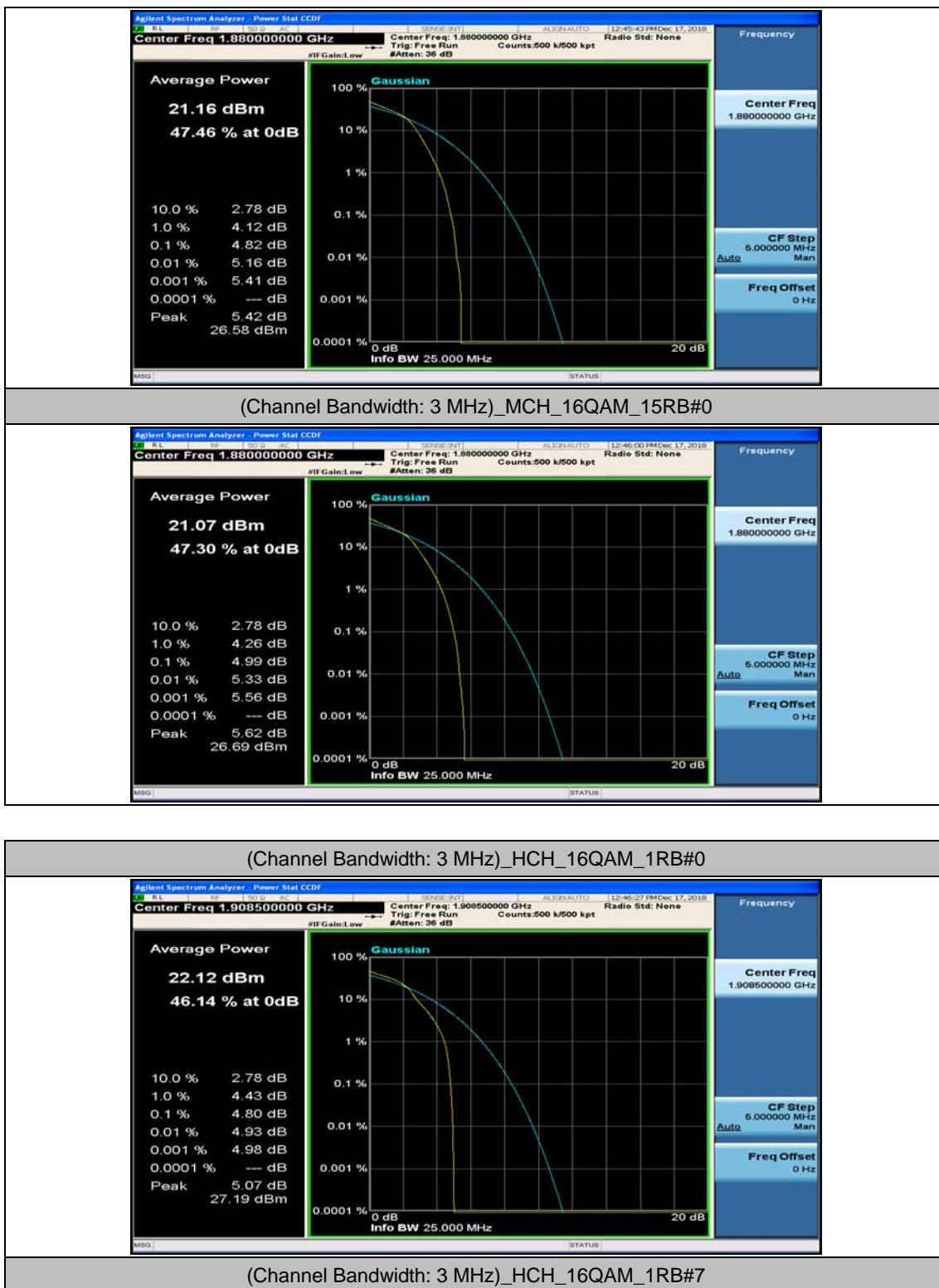


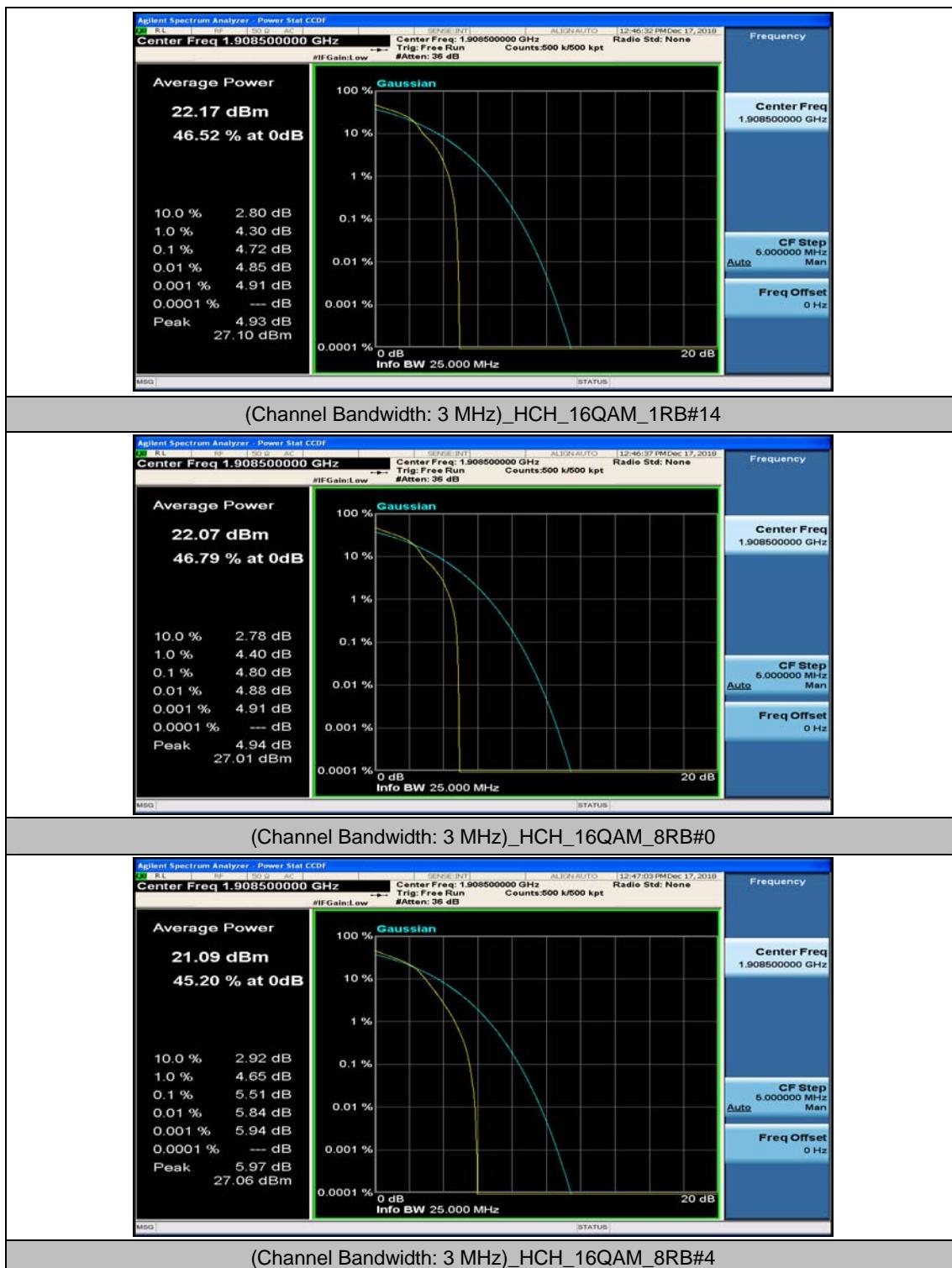


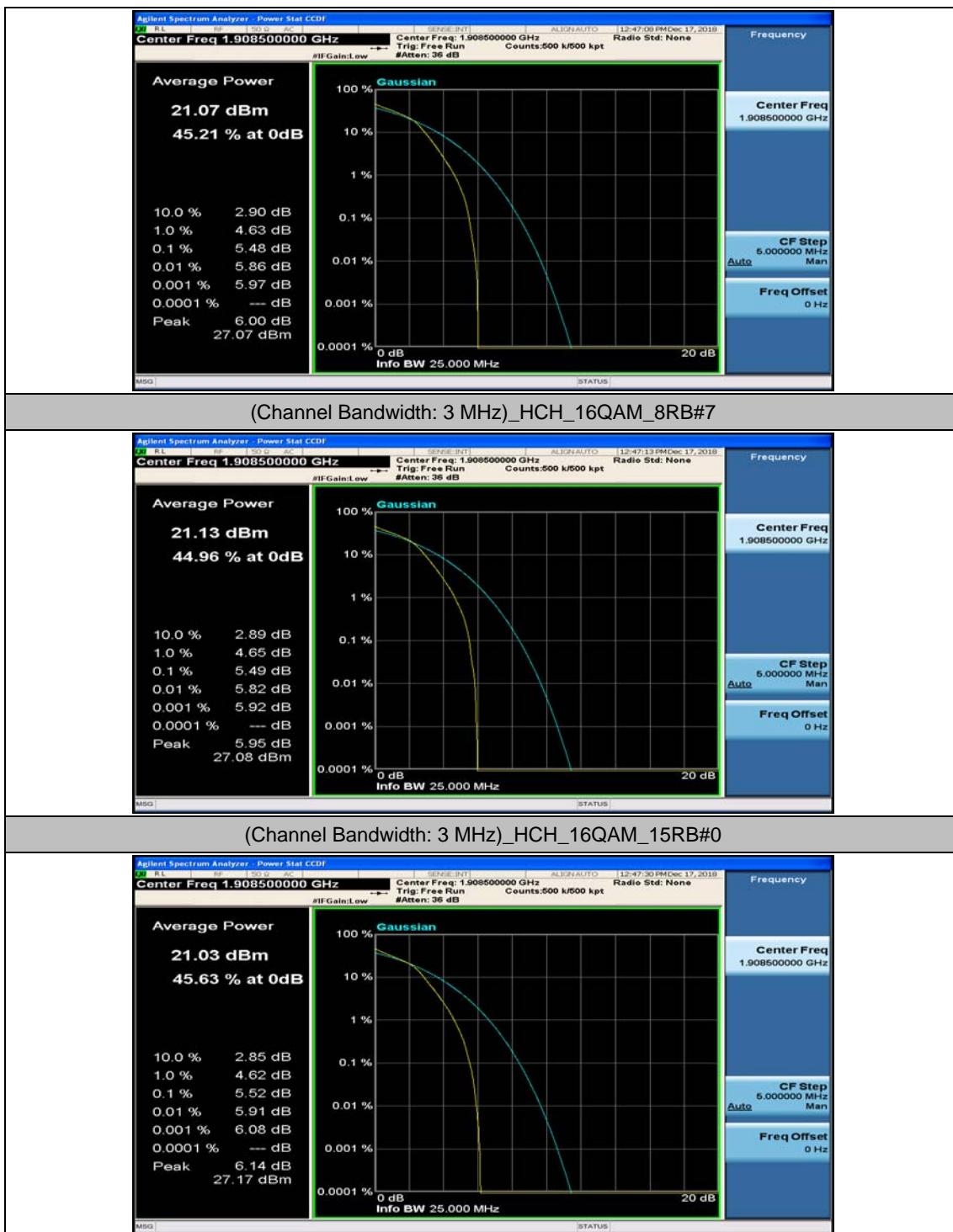




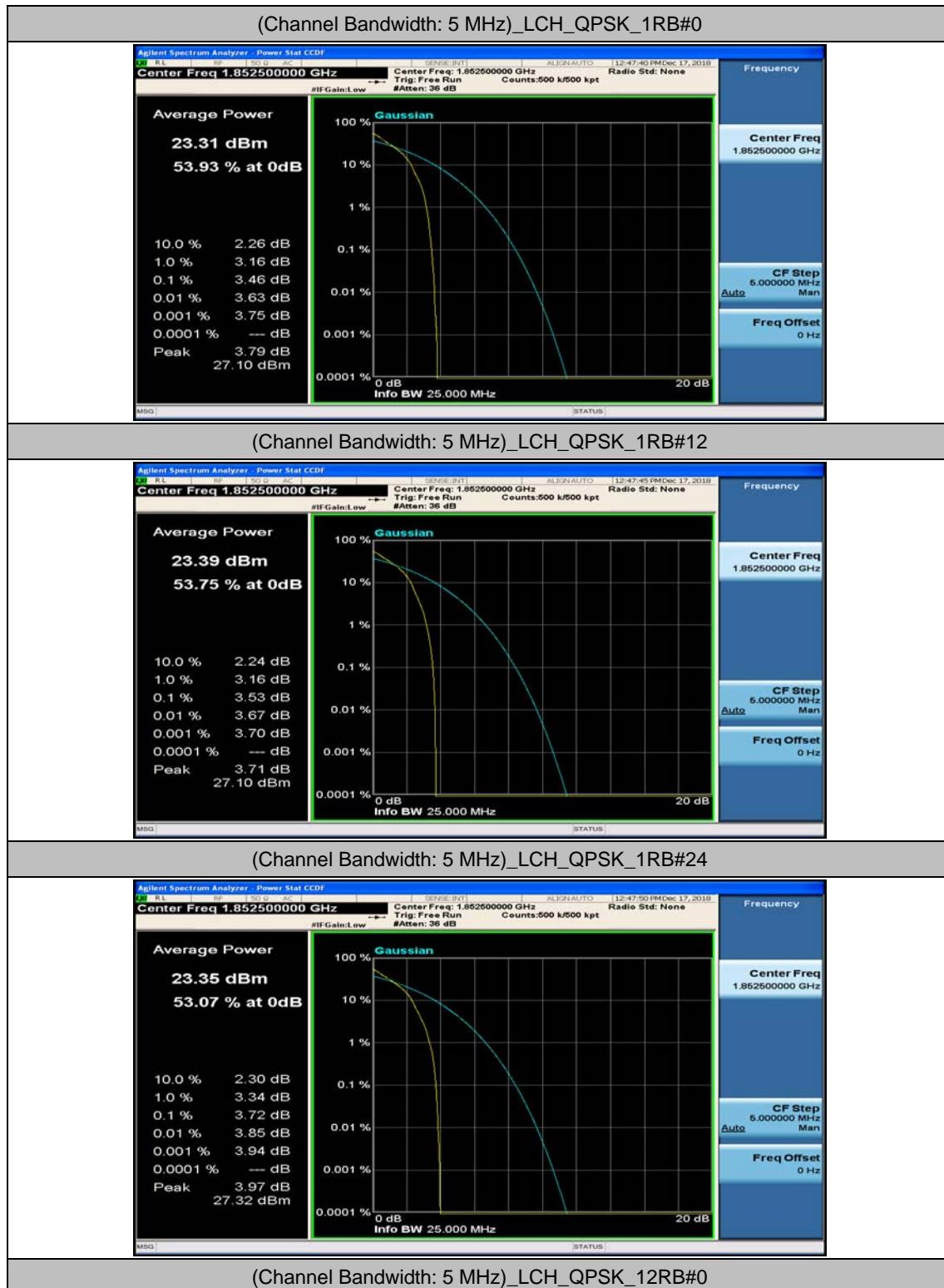


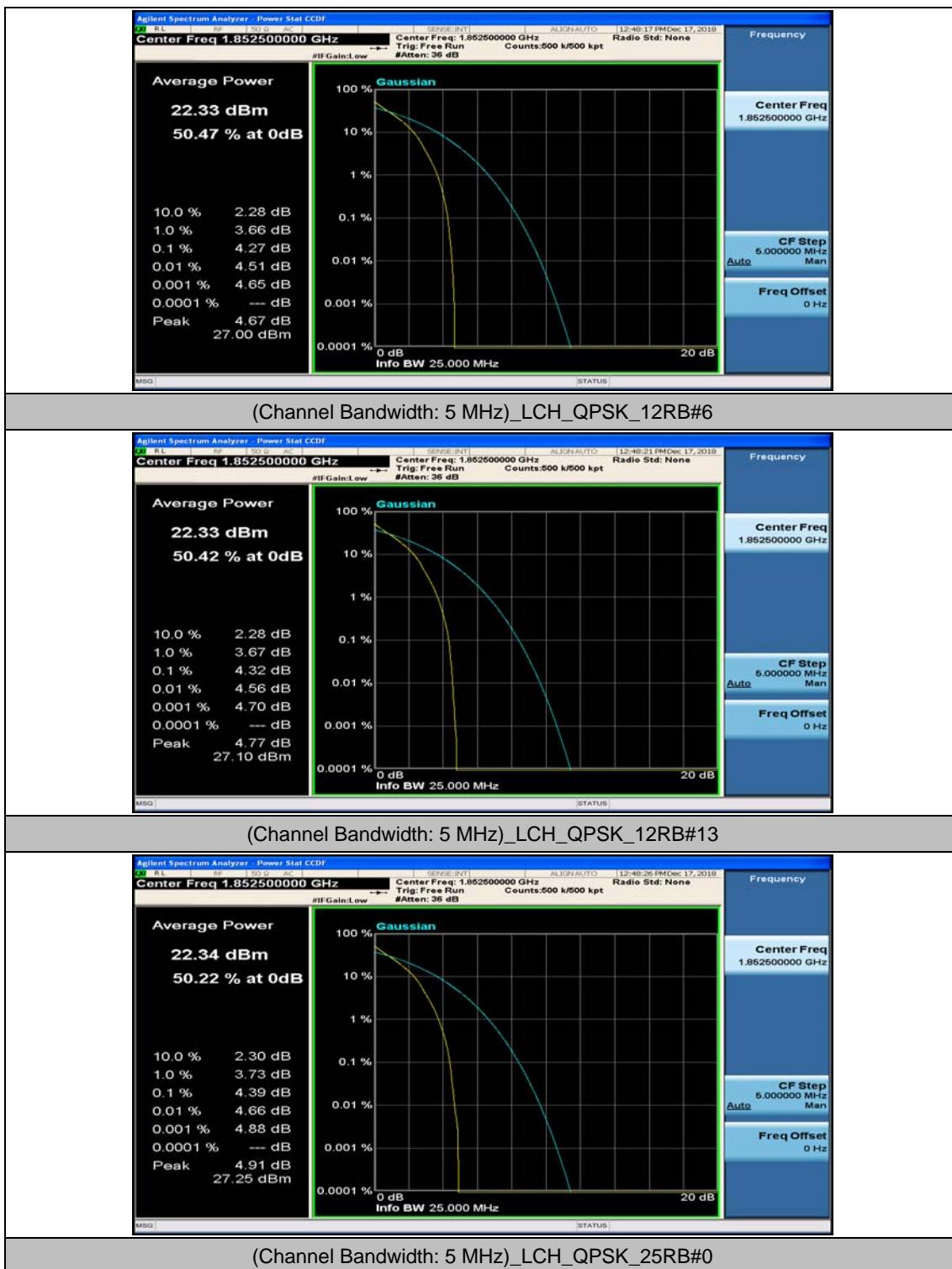


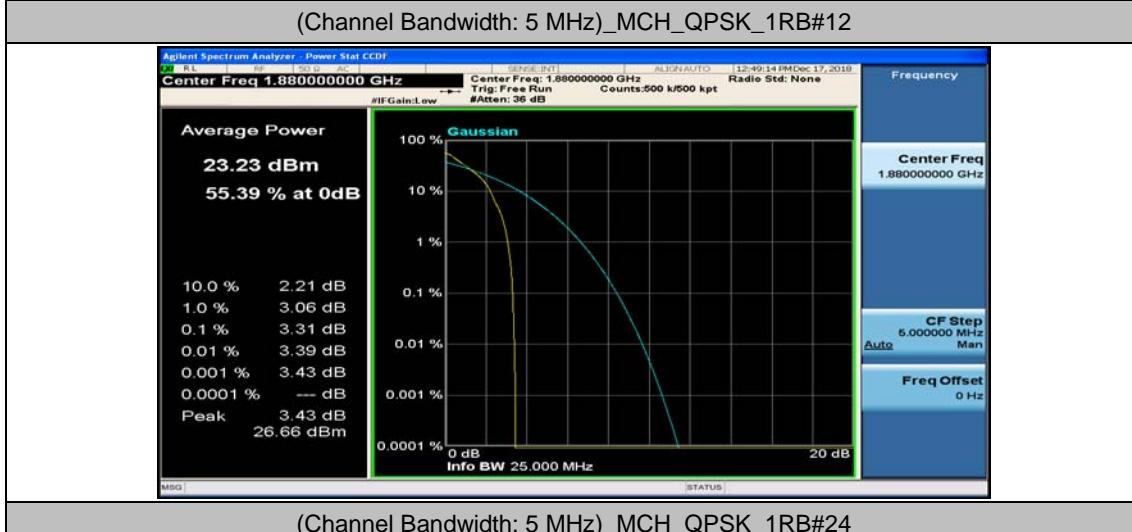
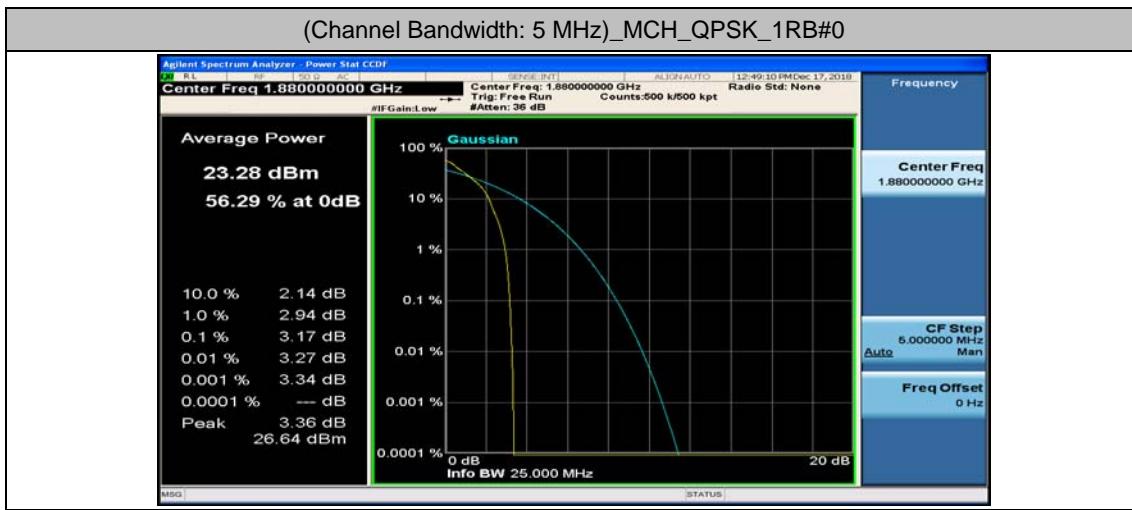
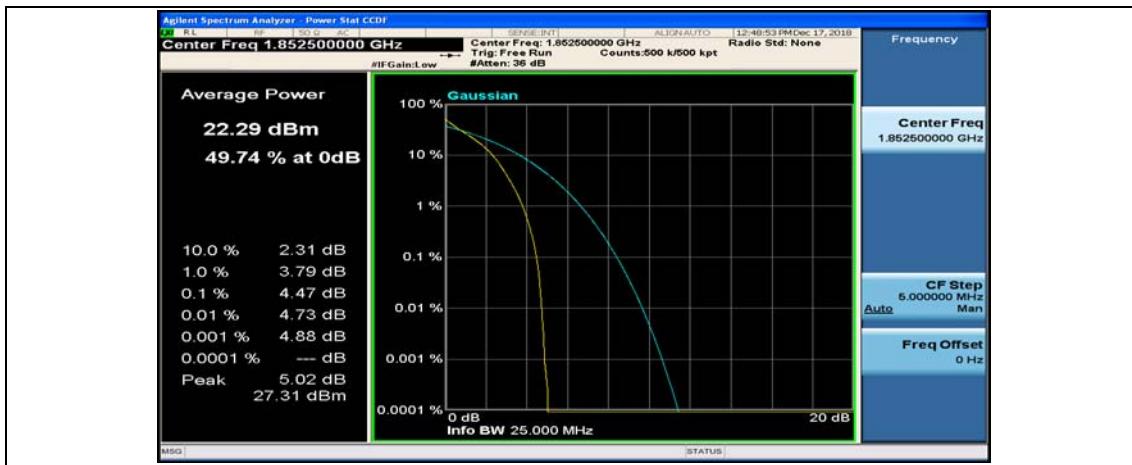




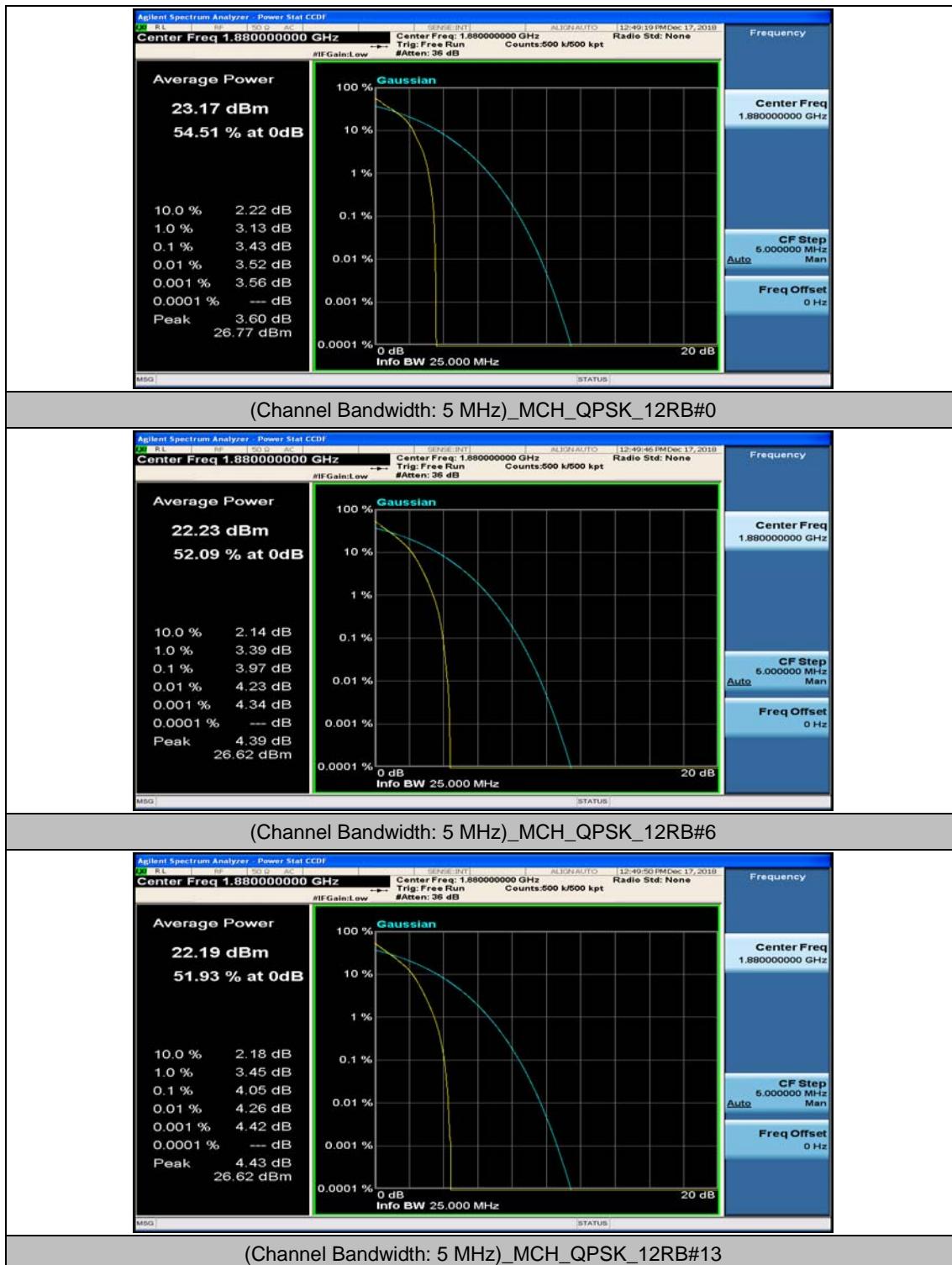
Channel Bandwidth: 5 MHz

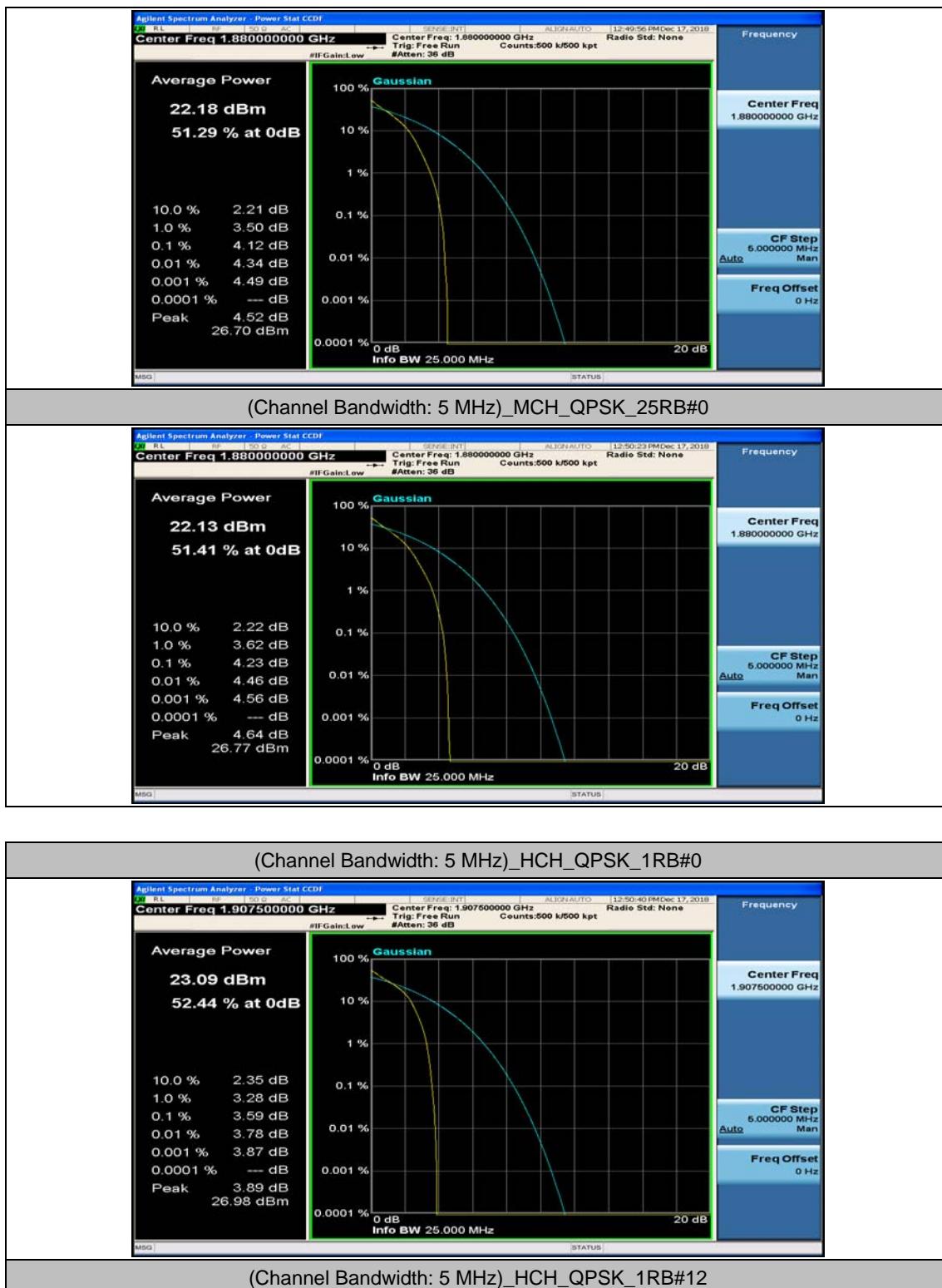


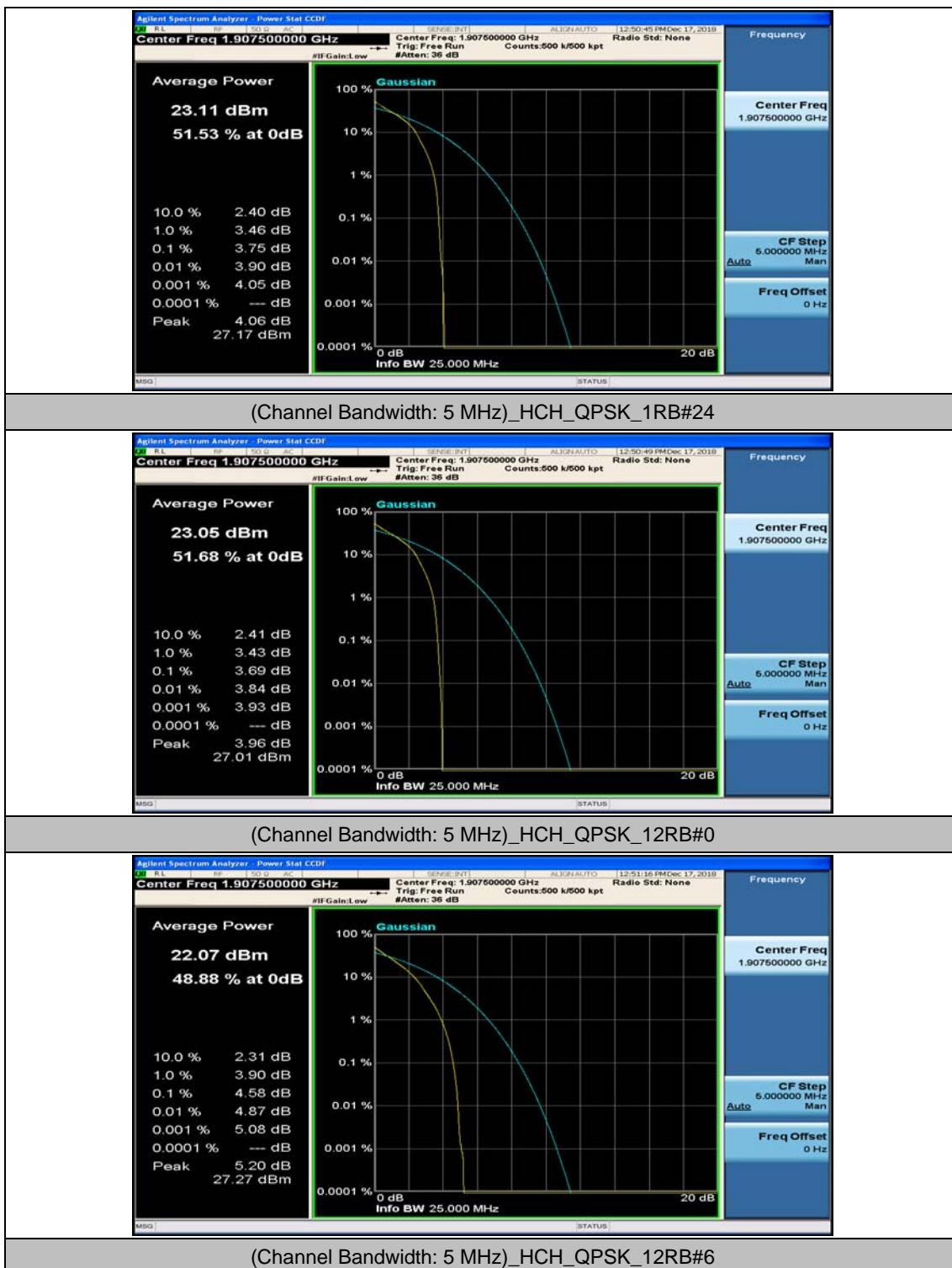


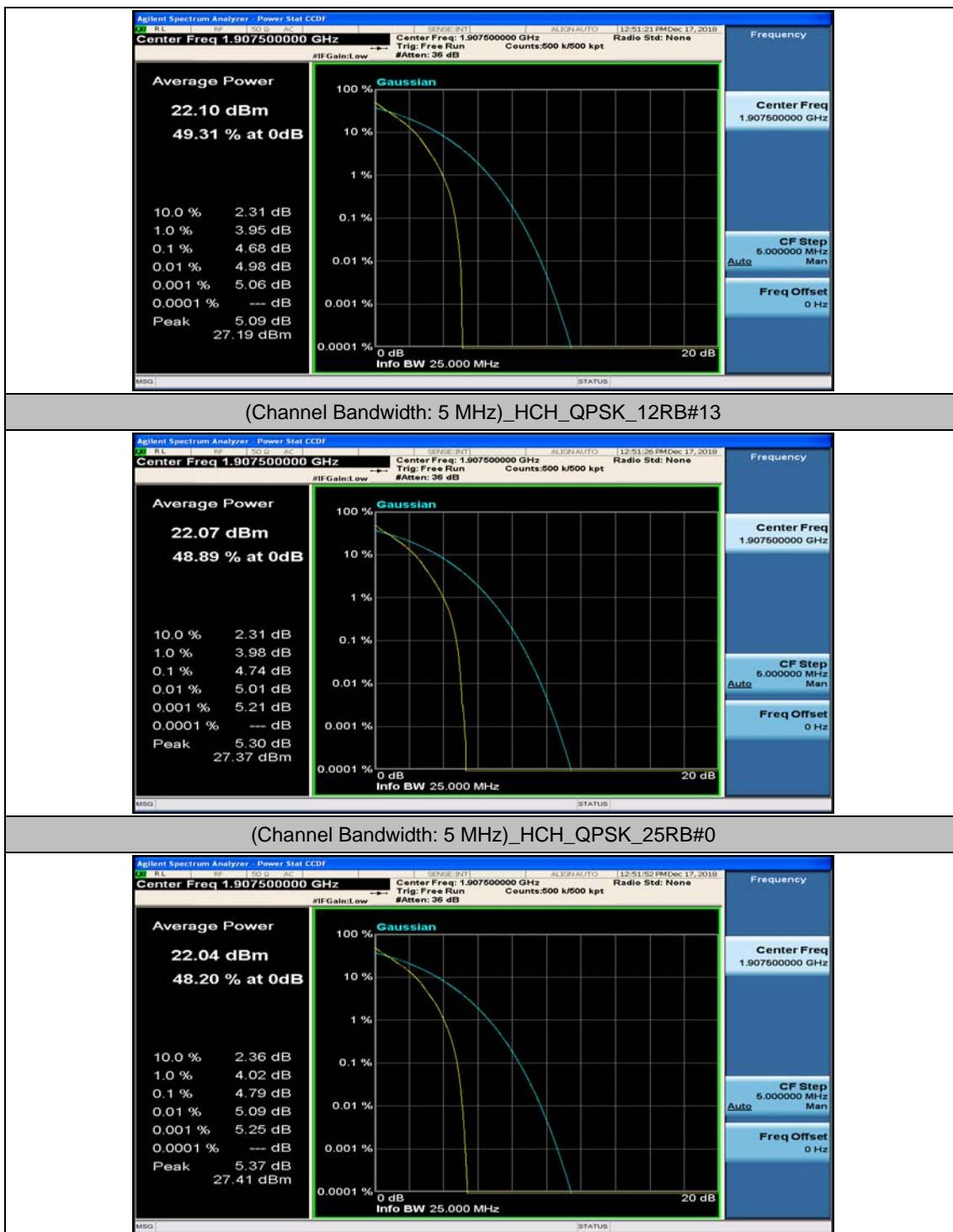


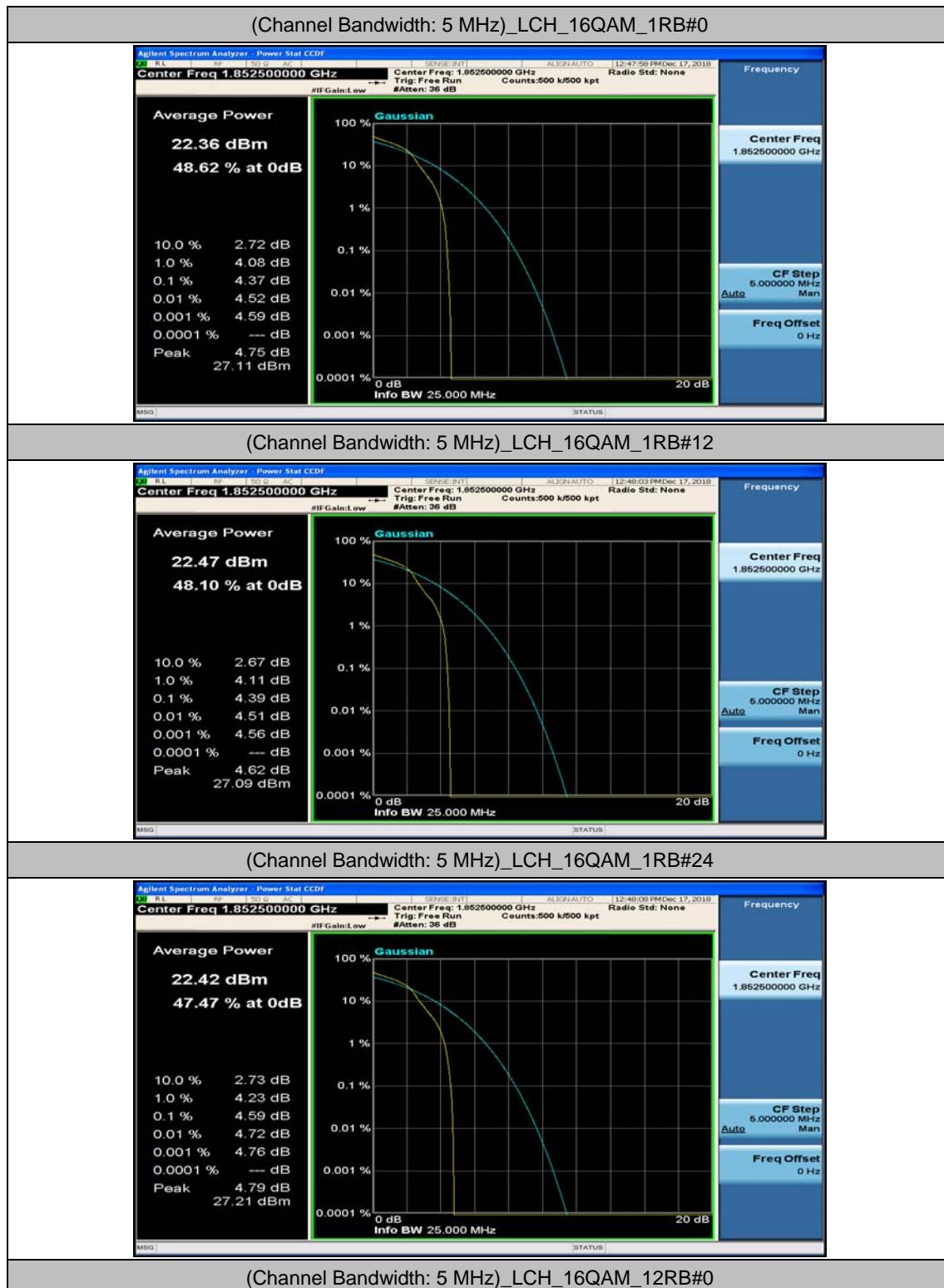
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24

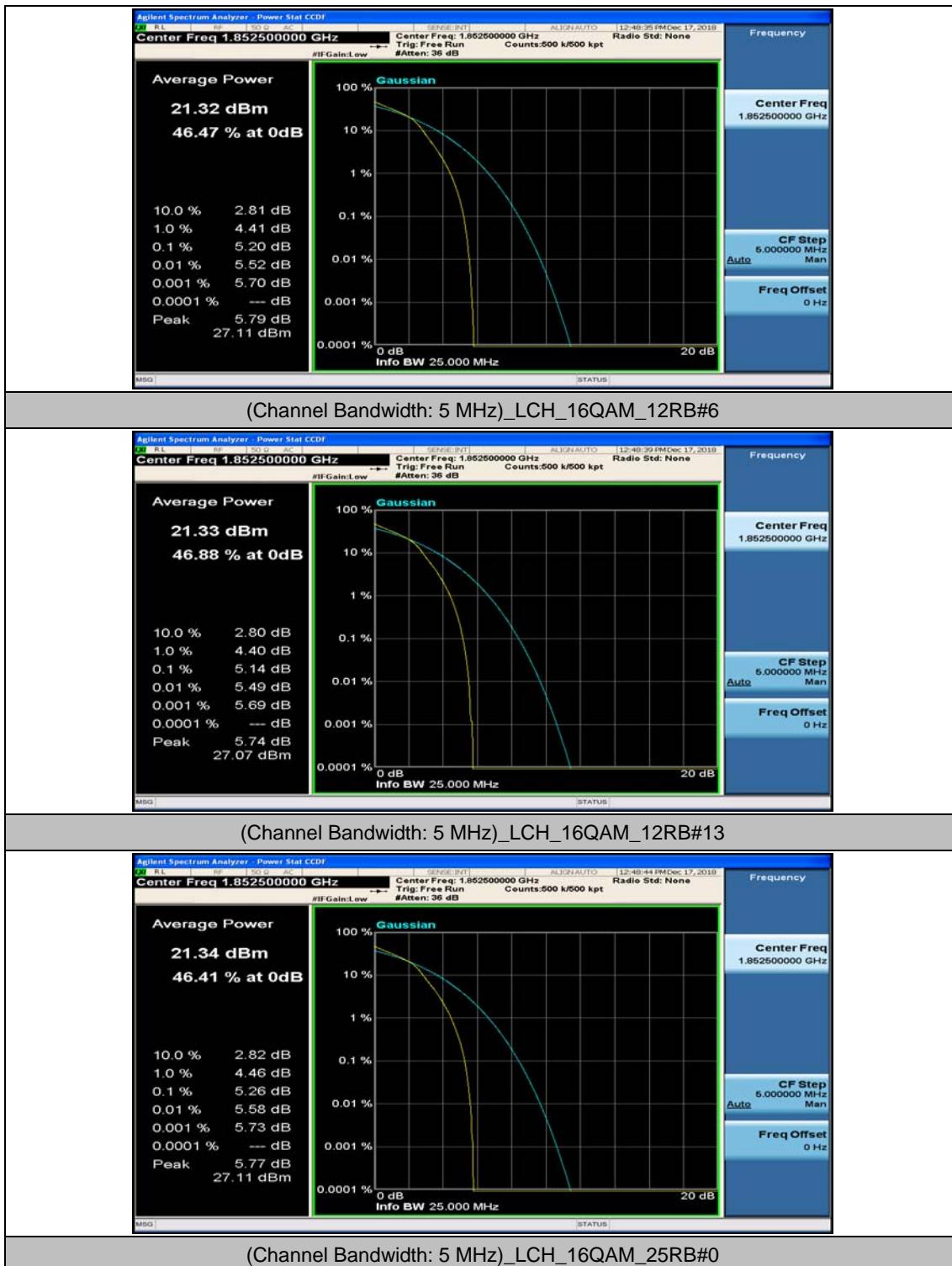


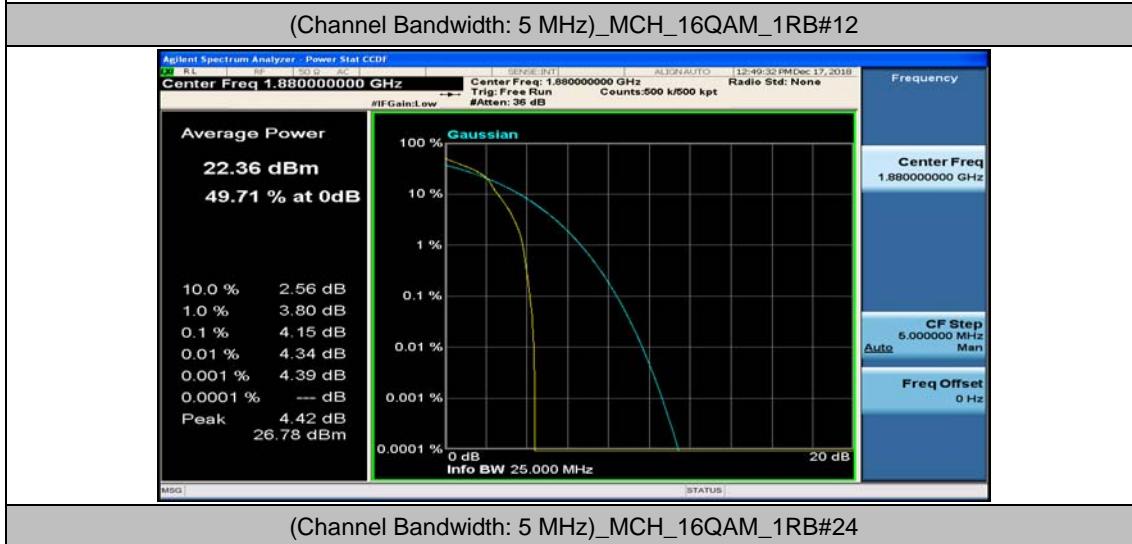
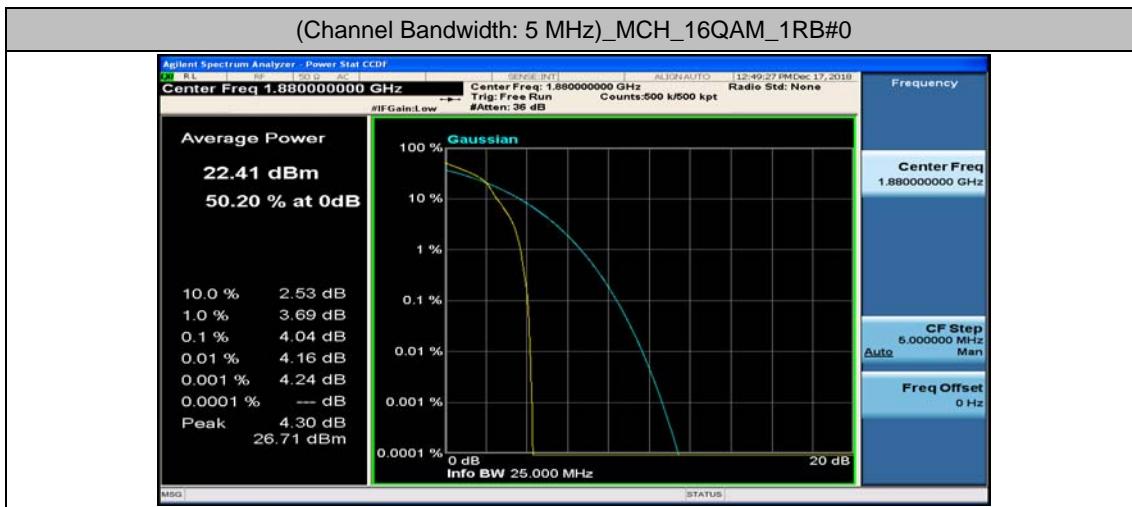
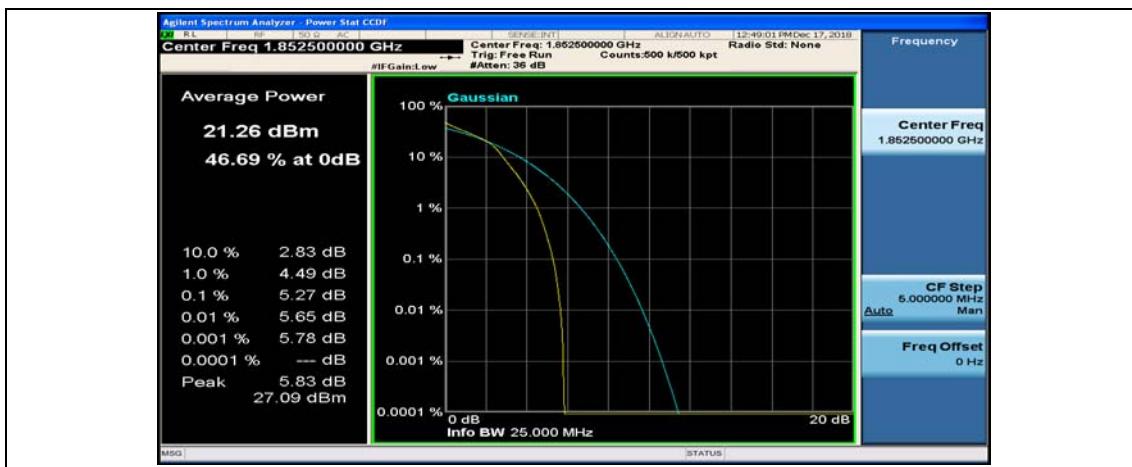












(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24

