

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	23.66	PASS
		1	3	23.60	PASS
		1	5	23.60	PASS
		3	0	23.62	PASS
		3	2	23.58	PASS
		3	3	23.58	PASS
		6	0	22.59	PASS
	MCH	1	0	23.26	PASS
		1	3	23.25	PASS
		1	5	23.31	PASS
		3	0	23.30	PASS
		3	2	23.31	PASS
		3	3	23.35	PASS
		6	0	22.33	PASS
	HCH	1	0	22.68	PASS
		1	3	22.74	PASS
		1	5	22.79	PASS
		3	0	22.71	PASS
		3	2	22.80	PASS
		3	3	22.40	PASS
		6	0	21.81	PASS
16QAM	LCH	1	0	22.75	PASS
		1	3	22.78	PASS
		1	5	22.76	PASS
		3	0	22.71	PASS
		3	2	22.64	PASS
		3	3	22.64	PASS
		6	0	21.52	PASS
	MCH	1	0	22.57	PASS
		1	3	22.74	PASS
		1	5	22.66	PASS
		3	0	22.29	PASS

		3	2	22.23	PASS
		3	3	22.31	PASS
		6	0	21.26	PASS
HCH	HCH	1	0	21.91	PASS
		1	3	21.76	PASS
		1	5	21.93	PASS
		3	0	21.82	PASS
		3	2	21.63	PASS
		3	3	21.87	PASS
		6	0	20.85	PASS

Channel Bandwidth: 3 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.56	PASS
		1	7	23.58	PASS
		1	14	23.47	PASS
		8	0	22.66	PASS
		8	4	22.67	PASS
		8	7	22.63	PASS
		15	0	22.61	PASS
	MCH	1	0	23.27	PASS
		1	7	23.27	PASS
		1	14	23.24	PASS
		8	0	22.42	PASS
		8	4	22.41	PASS
		8	7	22.40	PASS
		15	0	22.38	PASS
	HCH	1	0	22.77	PASS
		1	7	22.74	PASS
		1	14	22.72	PASS
		8	0	21.94	PASS
		8	4	21.92	PASS
		8	7	21.90	PASS
		15	0	21.83	PASS
16QAM	LCH	1	0	22.72	PASS
		1	7	22.65	PASS
		1	14	22.72	PASS
		8	0	21.64	PASS
		8	4	21.68	PASS
		8	7	21.65	PASS
		15	0	21.57	PASS

		1	0	22.52	PASS
		1	7	22.56	PASS
		1	14	22.48	PASS
	MCH	8	0	21.45	PASS
		8	4	21.48	PASS
		8	7	21.44	PASS
		15	0	21.36	PASS
		1	0	22.12	PASS
	HCH	1	7	22.13	PASS
		1	14	22.09	PASS
		8	0	20.83	PASS
		8	4	20.84	PASS
		8	7	20.84	PASS
		15	0	20.76	PASS

Channel Bandwidth: 5 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.63	PASS
		1	12	23.59	PASS
		1	24	23.55	PASS
		12	0	22.70	PASS
		12	6	22.68	PASS
		12	13	22.65	PASS
		25	0	22.61	PASS
	MCH	1	0	23.48	PASS
		1	12	23.48	PASS
		1	24	23.40	PASS
		12	0	22.50	PASS
		12	6	22.51	PASS
		12	13	22.48	PASS
		25	0	22.43	PASS
	HCH	1	0	23.02	PASS
		1	12	22.94	PASS
		1	24	22.87	PASS
		12	0	21.96	PASS
		12	6	21.94	PASS
		12	13	21.91	PASS
		25	0	21.90	PASS
16QAM	LCH	1	0	22.97	PASS
		1	12	22.92	PASS
		1	24	22.86	PASS

		12	0	21.81	PASS
		12	6	21.78	PASS
		12	13	21.79	PASS
		25	0	21.66	PASS
MCH		1	0	22.82	PASS
		1	12	22.80	PASS
		1	24	22.73	PASS
		12	0	21.62	PASS
		12	6	21.62	PASS
		12	13	21.63	PASS
		25	0	21.47	PASS
HCH		1	0	21.99	PASS
		1	12	21.91	PASS
		1	24	21.79	PASS
		12	0	21.02	PASS
		12	6	20.95	PASS
		12	13	20.91	PASS
		25	0	20.90	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.66	PASS
		1	24	23.56	PASS
		1	49	23.48	PASS
		25	0	22.64	PASS
		25	12	22.62	PASS
		25	25	22.57	PASS
		50	0	22.63	PASS
	MCH	1	0	23.39	PASS
		1	24	23.33	PASS
		1	49	23.15	PASS
		25	0	22.39	PASS
		25	12	22.43	PASS
		25	25	22.40	PASS
		50	0	22.42	PASS
	HCH	1	0	23.06	PASS
		1	24	22.94	PASS
		1	49	22.83	PASS
		25	0	22.01	PASS
		25	12	21.93	PASS
		25	25	21.90	PASS

		50	0	21.96	PASS
16QAM	LCH	1	0	22.87	PASS
		1	24	22.79	PASS
		1	49	22.73	PASS
		25	0	21.67	PASS
		25	12	21.62	PASS
		25	25	21.59	PASS
		50	0	21.60	PASS
	MCH	1	0	22.66	PASS
		1	24	22.60	PASS
		1	49	22.55	PASS
		25	0	21.43	PASS
		25	12	21.44	PASS
		25	25	21.41	PASS
		50	0	21.42	PASS
	HCH	1	0	22.43	PASS
		1	24	22.29	PASS
		1	49	22.17	PASS
		25	0	21.07	PASS
		25	12	20.99	PASS
		25	25	20.93	PASS
		50	0	20.99	PASS

Channel Bandwidth: 15 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.70	PASS
		1	37	23.49	PASS
		1	74	23.52	PASS
		37	0	22.74	PASS
		37	18	22.64	PASS
		37	38	22.61	PASS
		75	0	22.66	PASS
	MCH	1	0	23.47	PASS
		1	37	23.39	PASS
		1	74	23.25	PASS
		37	0	22.52	PASS
		37	18	22.50	PASS
		37	38	22.47	PASS
		75	0	22.51	PASS
	HCH	1	0	23.22	PASS
		1	37	23.02	PASS

		1	74	22.89	PASS
		37	0	22.22	PASS
		37	18	22.09	PASS
		37	38	22.01	PASS
		75	0	22.13	PASS
16QAM	LCH	1	0	22.93	PASS
		1	37	22.82	PASS
		1	74	22.76	PASS
		37	0	21.67	PASS
		37	18	21.58	PASS
		37	38	21.55	PASS
		75	0	21.64	PASS
	MCH	1	0	22.75	PASS
		1	37	22.66	PASS
		1	74	22.58	PASS
		37	0	21.49	PASS
		37	18	21.48	PASS
		37	38	21.43	PASS
		75	0	21.48	PASS
	HCH	1	0	22.48	PASS
		1	37	22.31	PASS
		1	74	22.11	PASS
		37	0	21.16	PASS
		37	18	21.06	PASS
		37	38	21.01	PASS
		75	0	21.10	PASS

Channel Bandwidth: 20 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.92	PASS
		1	49	23.65	PASS
		1	99	23.65	PASS
		50	0	23.63	PASS
		50	25	22.59	PASS
		50	50	22.59	PASS
		100	0	22.61	PASS
	MCH	1	0	23.65	PASS
		1	49	23.50	PASS
		1	99	23.44	PASS
		50	0	22.50	PASS
		50	25	22.41	PASS

	HCH	50	50	22.39	PASS
		100	0	22.47	PASS
		1	0	23.43	PASS
		1	49	23.19	PASS
		1	99	23.03	PASS
		50	0	22.25	PASS
		50	25	22.13	PASS
		50	50	22.02	PASS
16QAM	LCH	100	0	22.16	PASS
		1	0	22.96	PASS
		1	49	22.78	PASS
		1	99	22.81	PASS
		50	0	21.64	PASS
		50	25	21.54	PASS
		50	50	21.54	PASS
	MCH	100	0	21.59	PASS
		1	0	22.81	PASS
		1	49	22.62	PASS
		1	99	22.53	PASS
		50	0	21.50	PASS
		50	25	21.44	PASS
		50	50	21.39	PASS
	HCH	100	0	21.47	PASS
		1	0	22.69	PASS
		1	49	22.47	PASS
		1	99	22.25	PASS
		50	0	21.30	PASS
		50	25	21.23	PASS
		50	50	21.07	PASS
		100	0	21.16	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	3.68	<13	PASS
		1	3	3.66	<13	PASS
		1	5	3.67	<13	PASS
		3	0	4.02	<13	PASS
		3	2	4.01	<13	PASS
		3	3	4.03	<13	PASS
		6	0	5.06	<13	PASS
	MCH	1	0	4.03	<13	PASS
		1	3	4.02	<13	PASS
		1	5	4.01	<13	PASS
		3	0	4.45	<13	PASS
		3	2	4.43	<13	PASS
		3	3	4.47	<13	PASS
		6	0	5.24	<13	PASS
16QAM	LCH	1	0	3.92	<13	PASS
		1	3	3.85	<13	PASS
		1	5	3.74	<13	PASS
		3	0	4.32	<13	PASS
		3	2	4.26	<13	PASS
		3	3	4.28	<13	PASS
		6	0	5.1	<13	PASS
	MCH	1	0	4.59	<13	PASS
		1	3	4.61	<13	PASS
		1	5	4.57	<13	PASS
		3	0	4.94	<13	PASS
		3	2	4.99	<13	PASS
		3	3	5.01	<13	PASS
		6	0	5.92	<13	PASS

		3	2	5.37	<13	PASS
		3	3	5.36	<13	PASS
		6	0	6.08	<13	PASS
HCH		1	0	4.67	<13	PASS
		1	3	4.58	<13	PASS
		1	5	4.53	<13	PASS
		3	0	5.15	<13	PASS
		3	2	5.09	<13	PASS
		3	3	5.07	<13	PASS
		6	0	5.85	<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	3.72	<13	PASS
		1	7	3.8	<13	PASS
		1	14	3.87	<13	PASS
		8	0	4.95	<13	PASS
		8	4	4.89	<13	PASS
		8	7	4.94	<13	PASS
		15	0	5.18	<13	PASS
	MCH	1	0	4.08	<13	PASS
		1	7	4.14	<13	PASS
		1	14	4.2	<13	PASS
		8	0	5.22	<13	PASS
		8	4	5.16	<13	PASS
		8	7	5.18	<13	PASS
		15	0	5.4	<13	PASS
	HCH	1	0	4.07	<13	PASS
		1	7	3.97	<13	PASS
		1	14	3.75	<13	PASS
		8	0	5.11	<13	PASS
		8	4	5.02	<13	PASS
		8	7	5.03	<13	PASS
		15	0	5.36	<13	PASS
16QAM	LCH	1	0	4.59	<13	PASS
		1	7	4.64	<13	PASS
		1	14	4.67	<13	PASS
		8	0	5.56	<13	PASS
		8	4	5.61	<13	PASS

		8	7	5.67	<13	PASS
		15	0	5.97	<13	PASS
MCH	1	0	4.86	<13	PASS	
	1	7	4.97	<13	PASS	
	1	14	4.93	<13	PASS	
	8	0	5.81	<13	PASS	
	8	4	5.81	<13	PASS	
	8	7	5.87	<13	PASS	
	15	0	6.17	<13	PASS	
HCH	1	0	4.84	<13	PASS	
	1	7	4.77	<13	PASS	
	1	14	4.61	<13	PASS	
	8	0	5.85	<13	PASS	
	8	4	5.69	<13	PASS	
	8	7	5.65	<13	PASS	
	15	0	6.04	<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	3.6	<13	PASS
		1	12	3.72	<13	PASS
		1	24	3.85	<13	PASS
		12	0	4.86	<13	PASS
		12	6	4.87	<13	PASS
		12	13	4.98	<13	PASS
		25	0	5.23	<13	PASS
	MCH	1	0	3.92	<13	PASS
		1	12	4	<13	PASS
		1	24	4.09	<13	PASS
		12	0	5.13	<13	PASS
		12	6	5.09	<13	PASS
		12	13	5.17	<13	PASS
		25	0	5.43	<13	PASS
	HCH	1	0	4.22	<13	PASS
		1	12	4.02	<13	PASS
		1	24	3.74	<13	PASS
		12	0	5.21	<13	PASS
		12	6	5.08	<13	PASS
		12	13	5.06	<13	PASS

		25	0	5.36	<13	PASS
16QAM	LCH	1	0	4.44	<13	PASS
		1	12	4.51	<13	PASS
		1	24	4.69	<13	PASS
		12	0	5.67	<13	PASS
		12	6	5.69	<13	PASS
		12	13	5.82	<13	PASS
		25	0	5.92	<13	PASS
	MCH	1	0	4.73	<13	PASS
		1	12	4.84	<13	PASS
		1	24	4.93	<13	PASS
		12	0	5.96	<13	PASS
		12	6	5.91	<13	PASS
		12	13	6	<13	PASS
		25	0	6.16	<13	PASS
	HCH	1	0	4.81	<13	PASS
		1	12	4.72	<13	PASS
		1	24	4.48	<13	PASS
		12	0	6.05	<13	PASS
		12	6	5.97	<13	PASS
		12	13	6.01	<13	PASS
		25	0	6.03	<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	3.67	<13	PASS
		1	24	3.91	<13	PASS
		1	49	4.37	<13	PASS
		25	0	5.09	<13	PASS
		25	12	5.08	<13	PASS
		25	25	5.23	<13	PASS
		50	0	5.39	<13	PASS
	MCH	1	0	4.08	<13	PASS
		1	24	4.11	<13	PASS
		1	49	4.42	<13	PASS
		25	0	5.24	<13	PASS
		25	12	5.19	<13	PASS
		25	25	5.27	<13	PASS
		50	0	5.43	<13	PASS

		1	0	4.28	<13	PASS
	HCH	1	24	4.19	<13	PASS
		1	49	3.81	<13	PASS
		25	0	5.35	<13	PASS
		25	12	5.26	<13	PASS
		25	25	5.19	<13	PASS
		50	0	5.49	<13	PASS
		1	0	4.53	<13	PASS
	LCH	1	24	4.59	<13	PASS
		1	49	5.02	<13	PASS
		25	0	5.91	<13	PASS
		25	12	5.86	<13	PASS
		25	25	6	<13	PASS
		50	0	6.04	<13	PASS
		1	0	4.9	<13	PASS
	MCH	1	24	4.95	<13	PASS
		1	49	5.19	<13	PASS
		25	0	5.98	<13	PASS
		25	12	5.96	<13	PASS
		25	25	6.1	<13	PASS
		50	0	6.13	<13	PASS
		1	0	5	<13	PASS
	HCH	1	24	5.02	<13	PASS
		1	49	4.56	<13	PASS
		25	0	6.09	<13	PASS
		25	12	6.03	<13	PASS
		25	25	6.05	<13	PASS
		50	0	6.14	<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	9.52	<13	PASS
		1	37	4.23	<13	PASS
		1	74	8.74	<13	PASS
		37	0	4.6	<13	PASS
		37	18	5.26	<13	PASS
		37	38	4.74	<13	PASS
		75	0	5.04	<13	PASS
	MCH	1	0	9.63	<13	PASS

	16QAM	HCH	1	37	4.1	<13	PASS
			1	74	9.02	<13	PASS
			37	0	4.58	<13	PASS
			37	18	5.27	<13	PASS
			37	38	4.77	<13	PASS
			75	0	4.95	<13	PASS
		LCH	1	0	9.8	<13	PASS
			1	37	4.33	<13	PASS
			1	74	8.95	<13	PASS
			37	0	4.57	<13	PASS
			37	18	5.29	<13	PASS
			37	38	4.74	<13	PASS
			75	0	4.95	<13	PASS
		MCH	1	0	9.74	<13	PASS
			1	37	4.87	<13	PASS
			1	74	9.17	<13	PASS
			37	0	5.8	<13	PASS
			37	18	6	<13	PASS
			37	38	5.9	<13	PASS
			75	0	6.22	<13	PASS
		HCH	1	0	9.71	<13	PASS
			1	37	4.86	<13	PASS
			1	74	9.38	<13	PASS
			37	0	5.81	<13	PASS
			37	18	6.02	<13	PASS
			37	38	5.95	<13	PASS
			75	0	6.14	<13	PASS

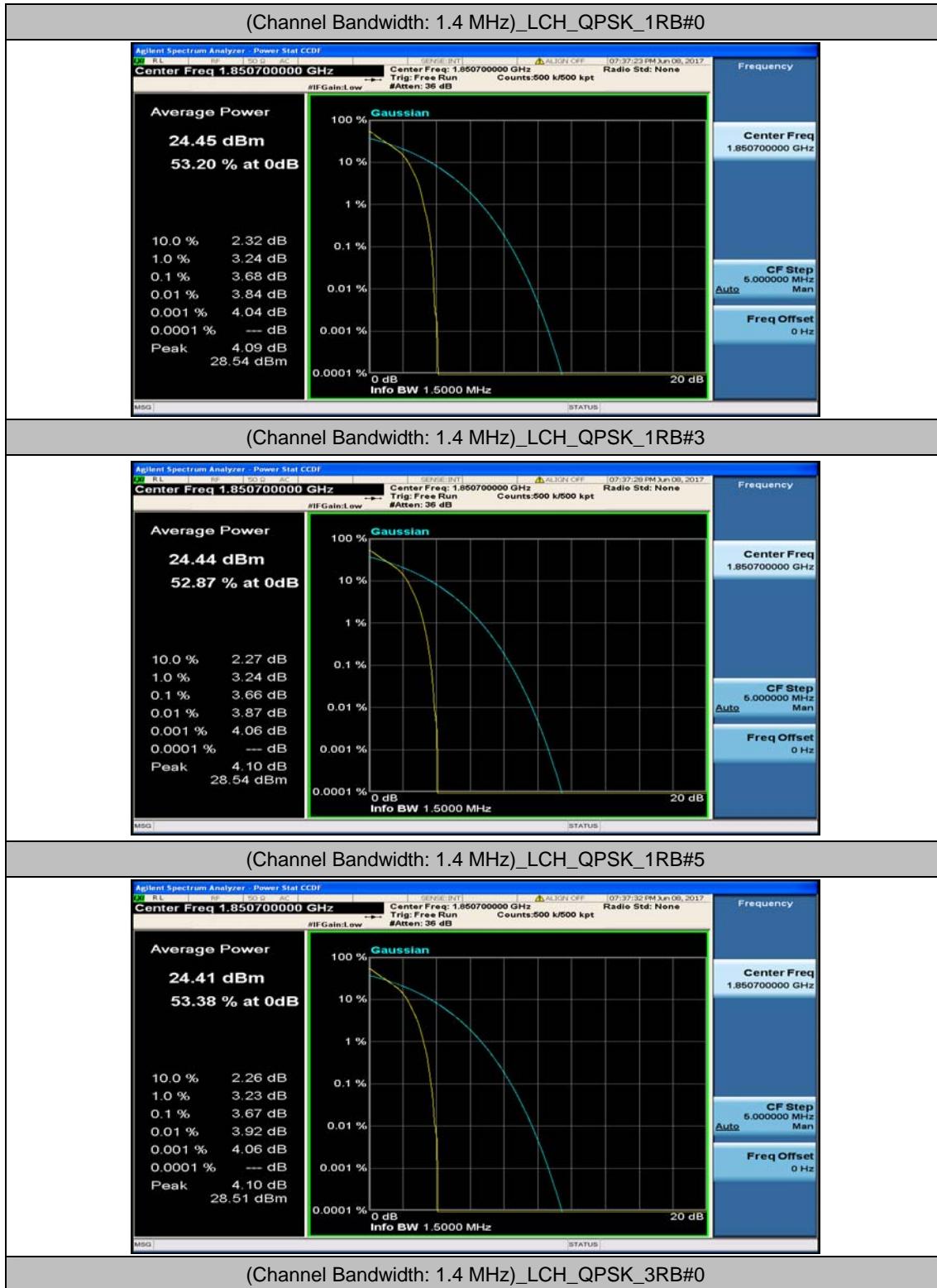
Channel Bandwidth: 20 MHz

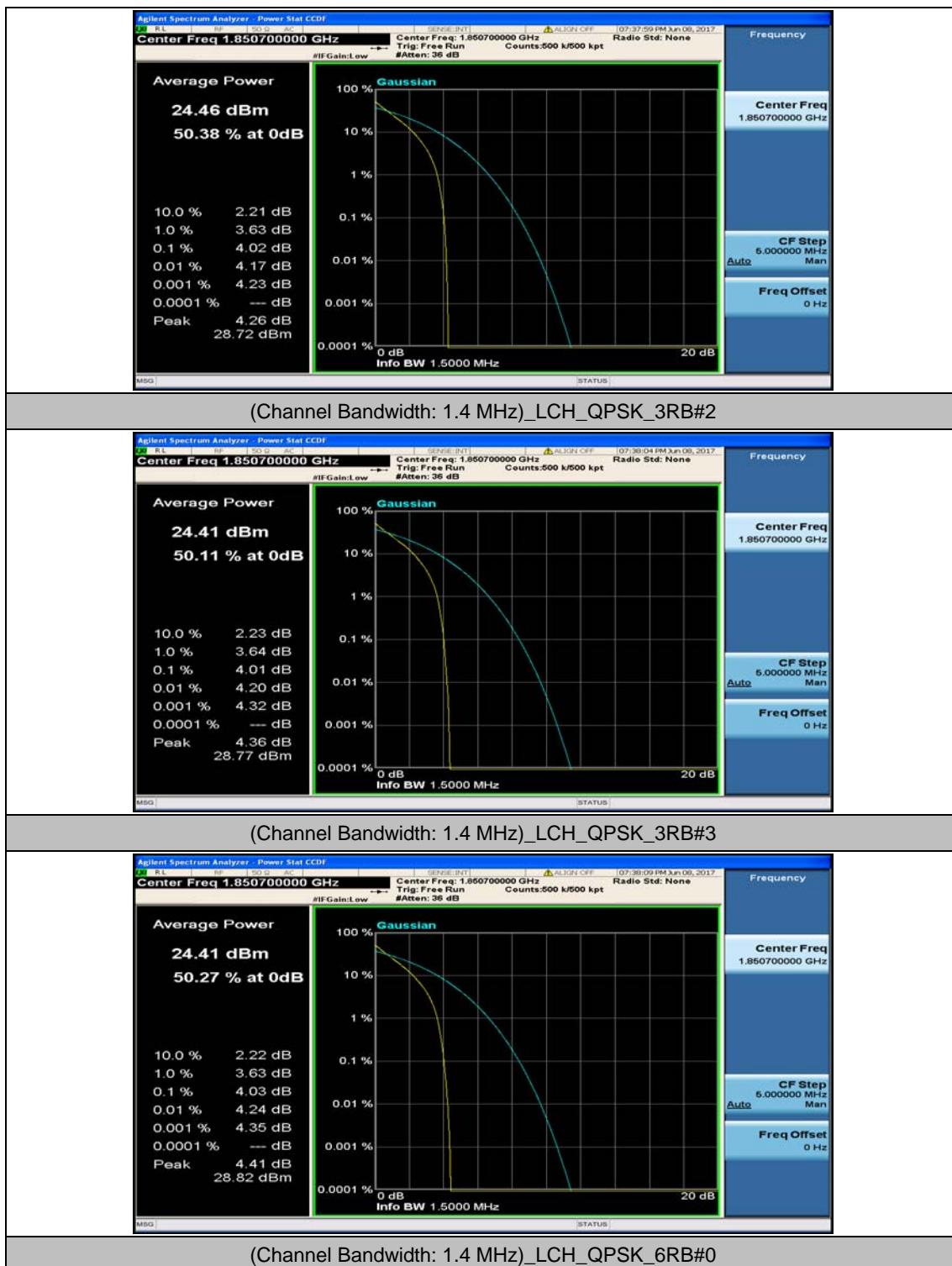
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	10.58	<13	PASS
		1	49	4.1	<13	PASS

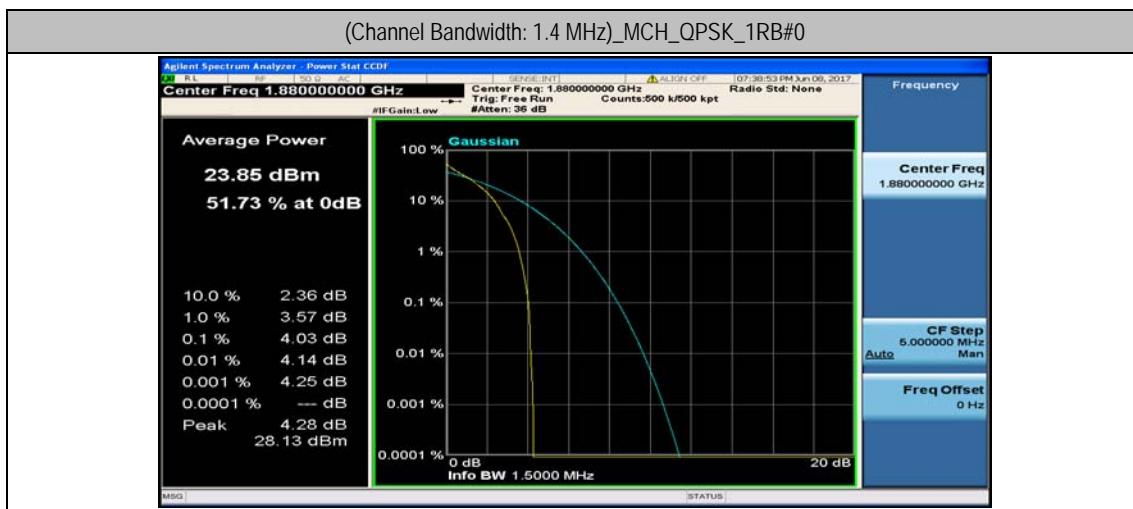
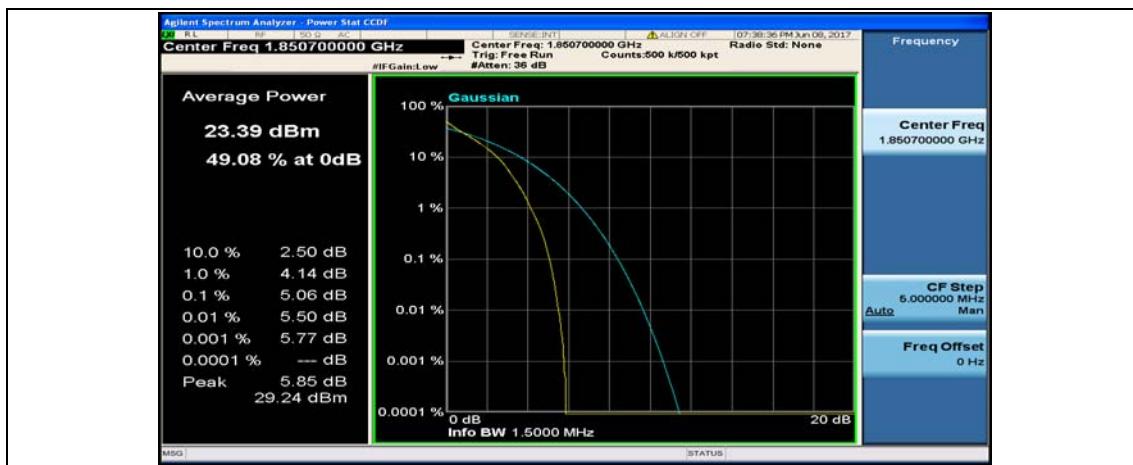
		1	99	10.99	<13	PASS
		50	0	5.5	<13	PASS
		50	25	5.5	<13	PASS
		50	50	5.71	<13	PASS
		100	0	5.74	<13	PASS
	MCH	1	0	10.48	<13	PASS
		1	49	3.93	<13	PASS
		1	99	11.35	<13	PASS
		50	0	5.42	<13	PASS
		50	25	5.4	<13	PASS
		50	50	5.7	<13	PASS
		100	0	5.73	<13	PASS
	HCH	1	0	11.38	<13	PASS
		1	49	4.34	<13	PASS
		1	99	11.28	<13	PASS
		50	0	5.42	<13	PASS
		50	25	5.42	<13	PASS
		50	50	5.75	<13	PASS
		100	0	5.68	<13	PASS
	LCH	1	0	10.64	<13	PASS
		1	49	5.11	<13	PASS
		1	99	10.21	<13	PASS
		50	0	6.45	<13	PASS
		50	25	6.16	<13	PASS
		50	50	6.57	<13	PASS
		100	0	6.72	<13	PASS
	MCH	1	0	11.1	<13	PASS
		1	49	4.88	<13	PASS
		1	99	10.52	<13	PASS
		50	0	6.44	<13	PASS
		50	25	6.12	<13	PASS
		50	50	6.55	<13	PASS
		100	0	6.69	<13	PASS
	HCH	1	0	10.97	<13	PASS
		1	49	5.02	<13	PASS
		1	99	10.41	<13	PASS
		50	0	6.36	<13	PASS
		50	25	6.13	<13	PASS
		50	50	6.53	<13	PASS
		100	0	6.61	<13	PASS

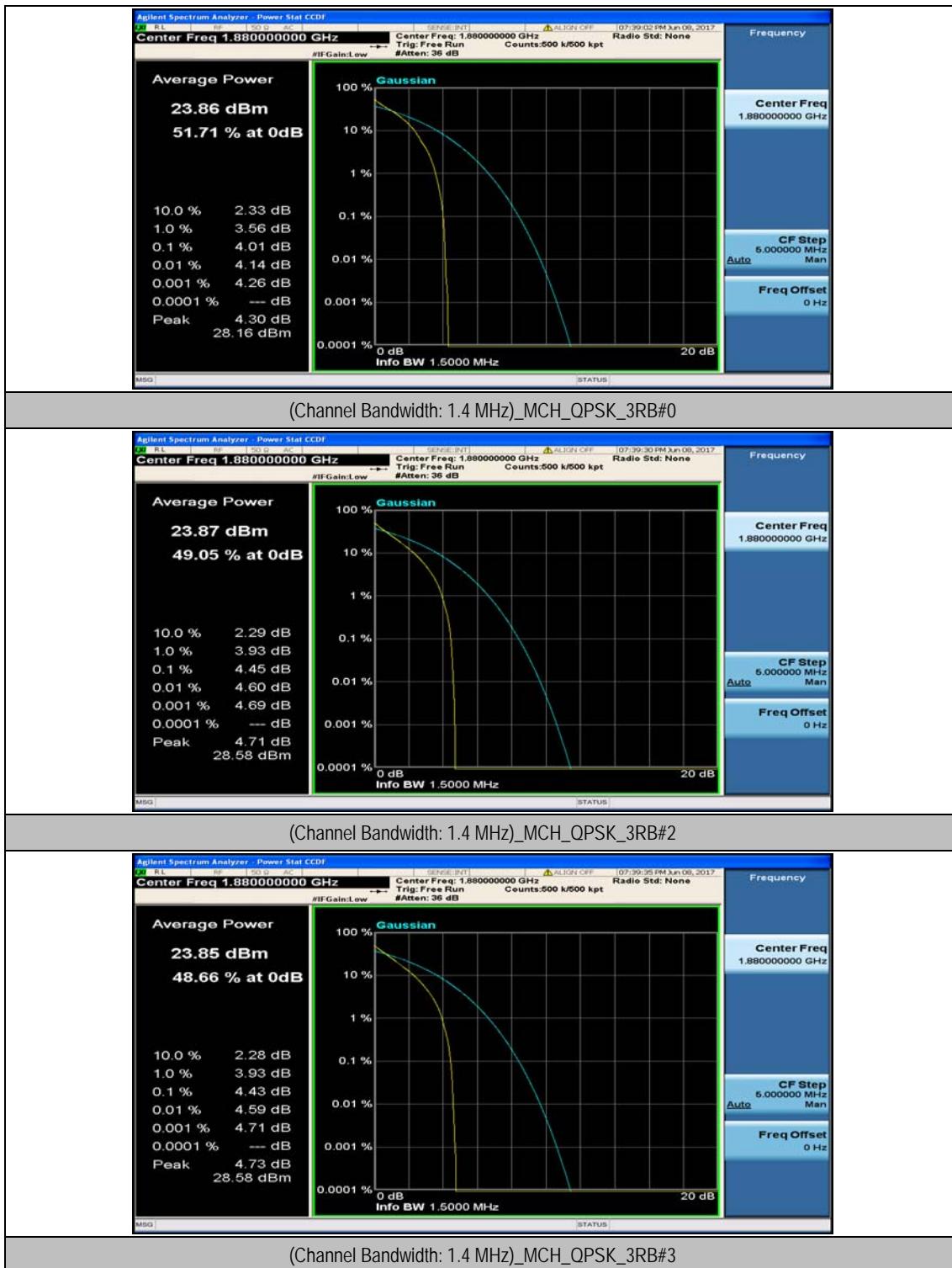
Test Graphs

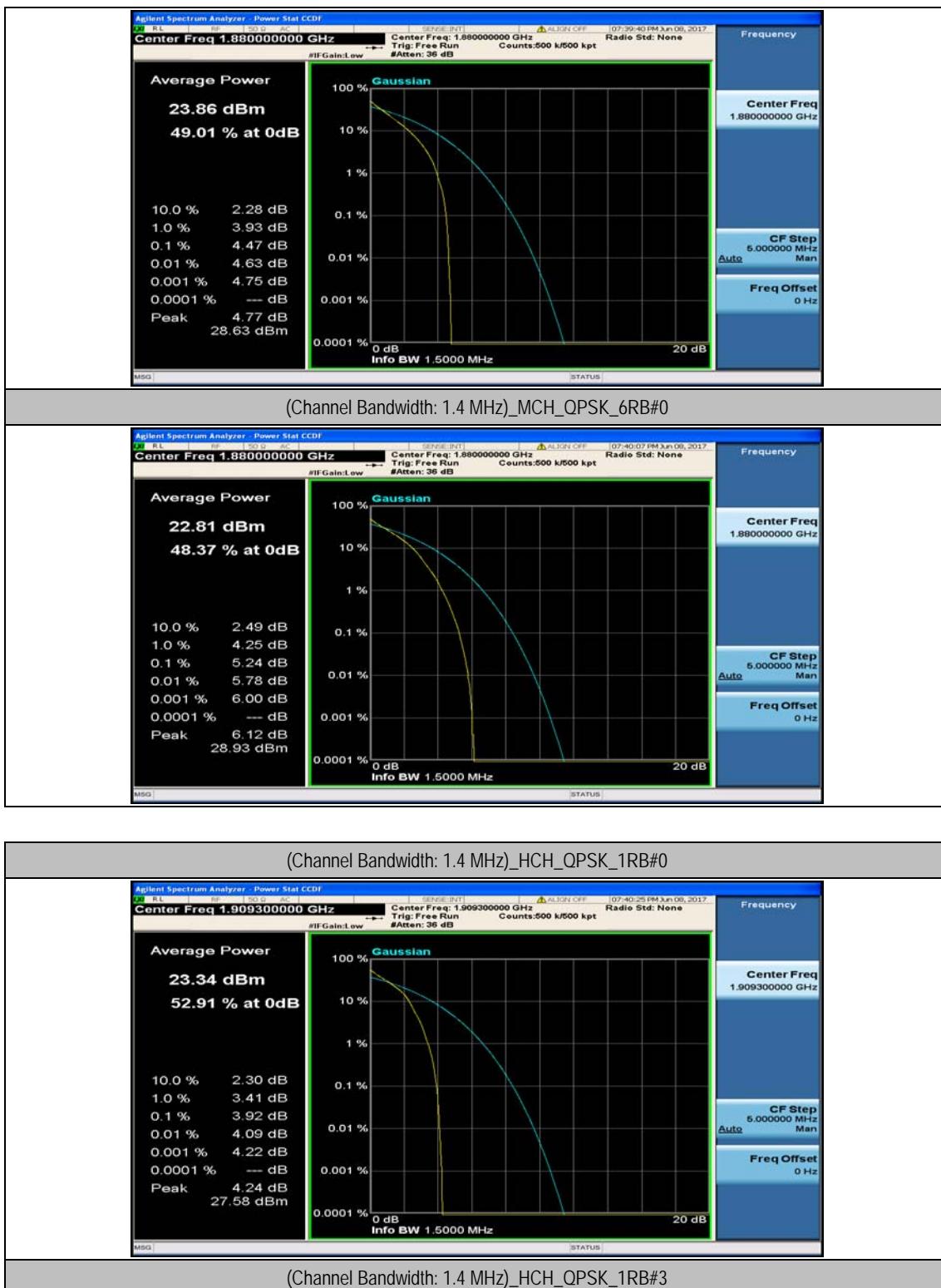
Channel Bandwidth: 1.4 MHz

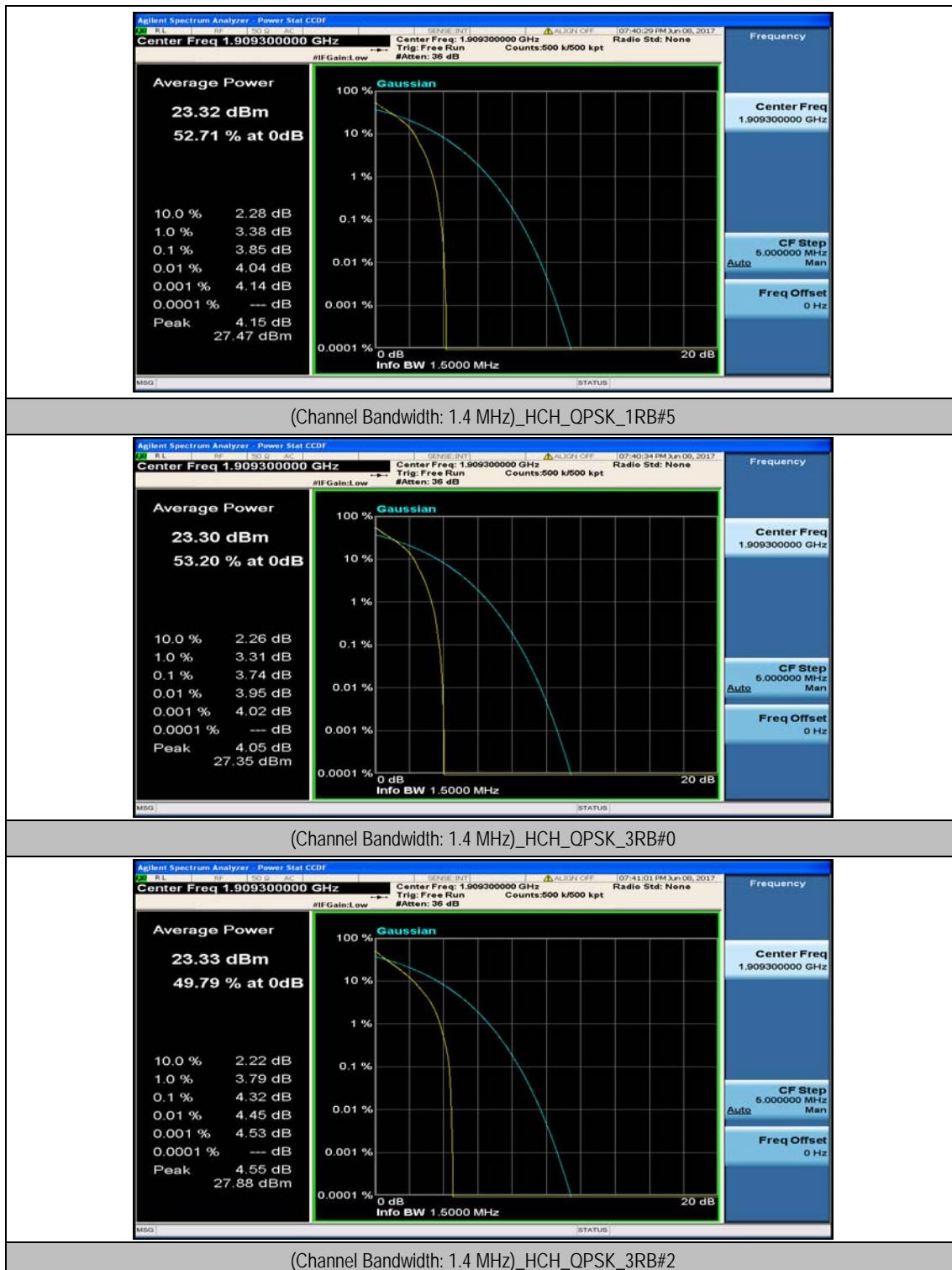


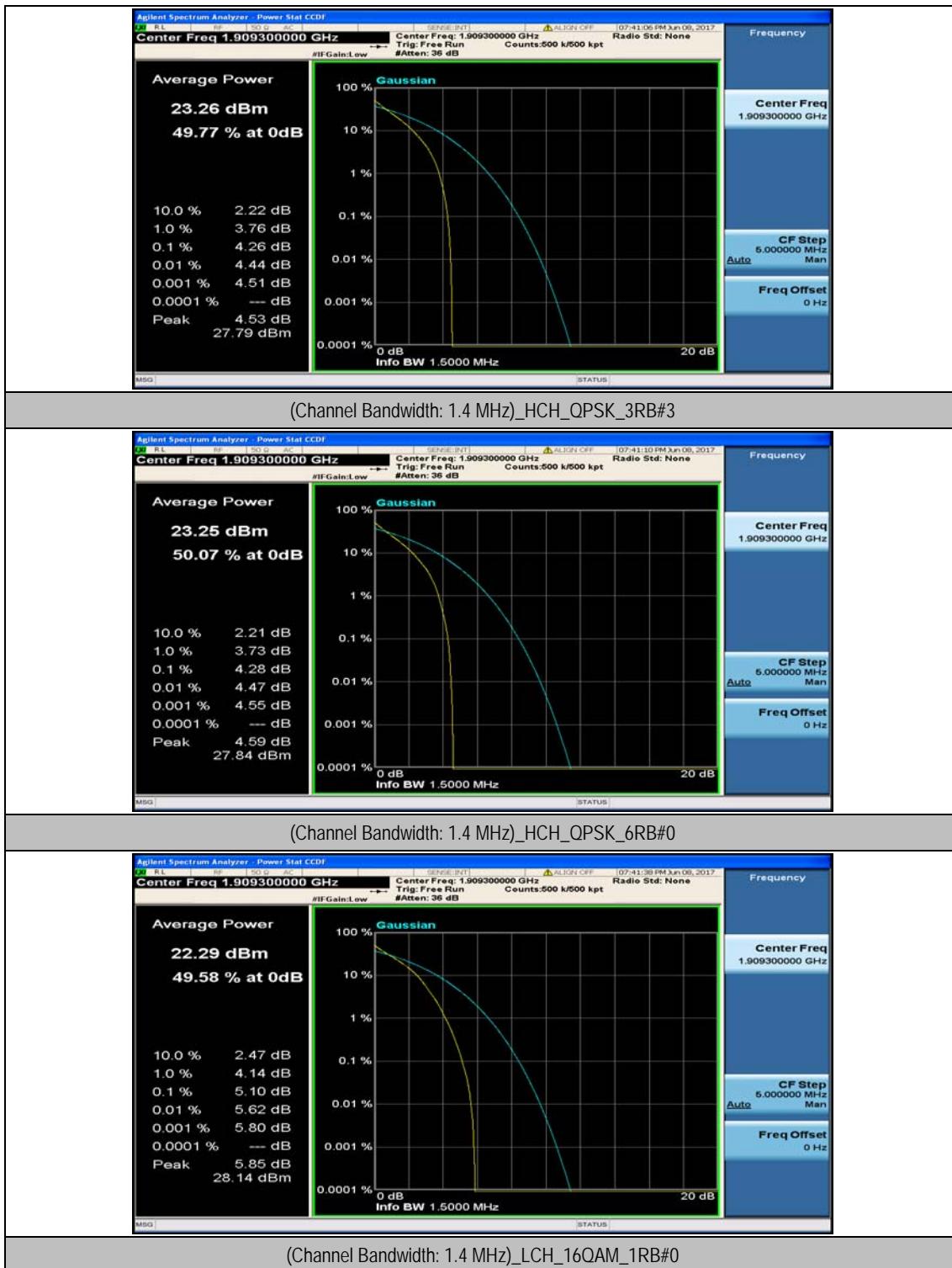


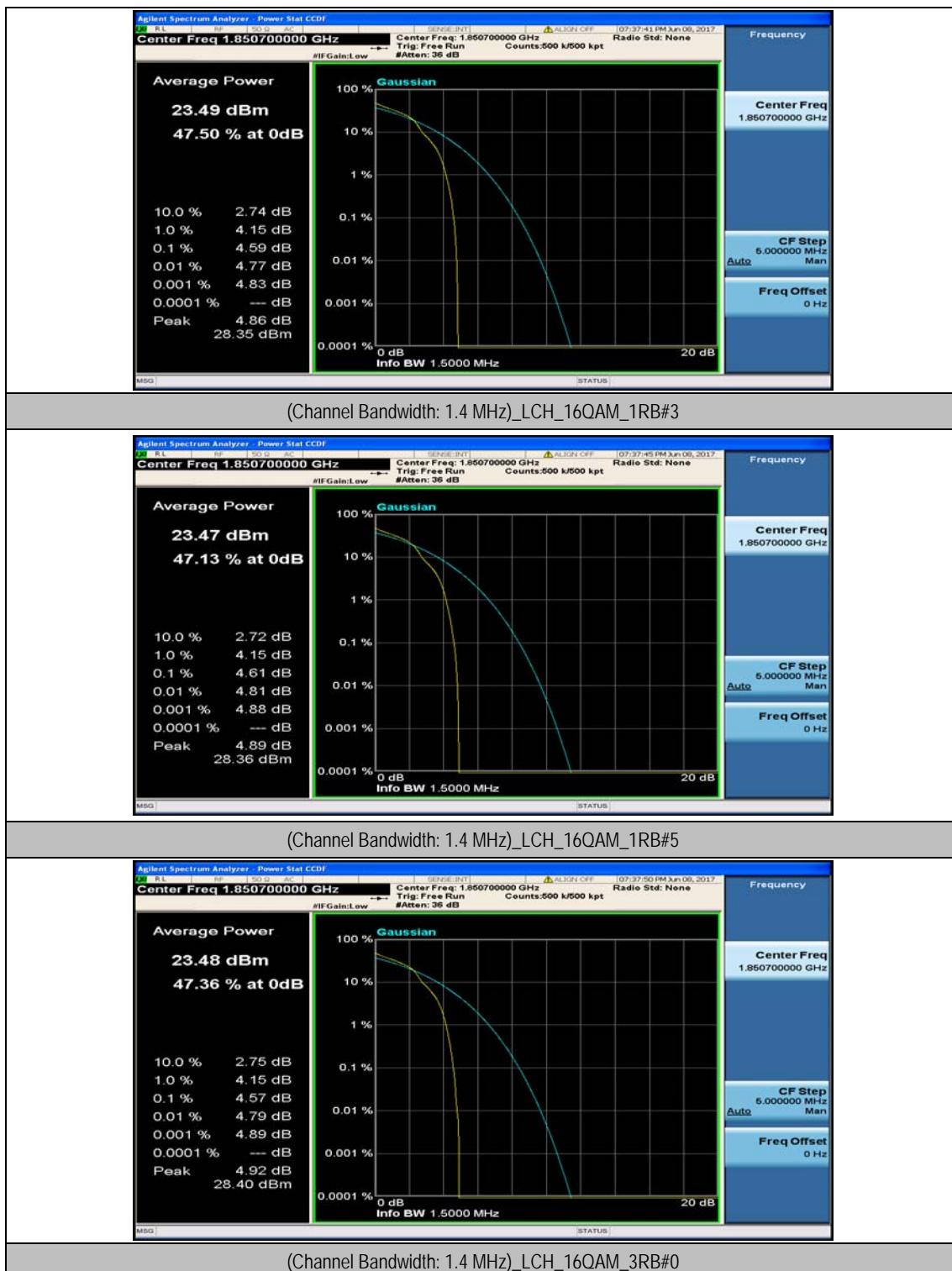


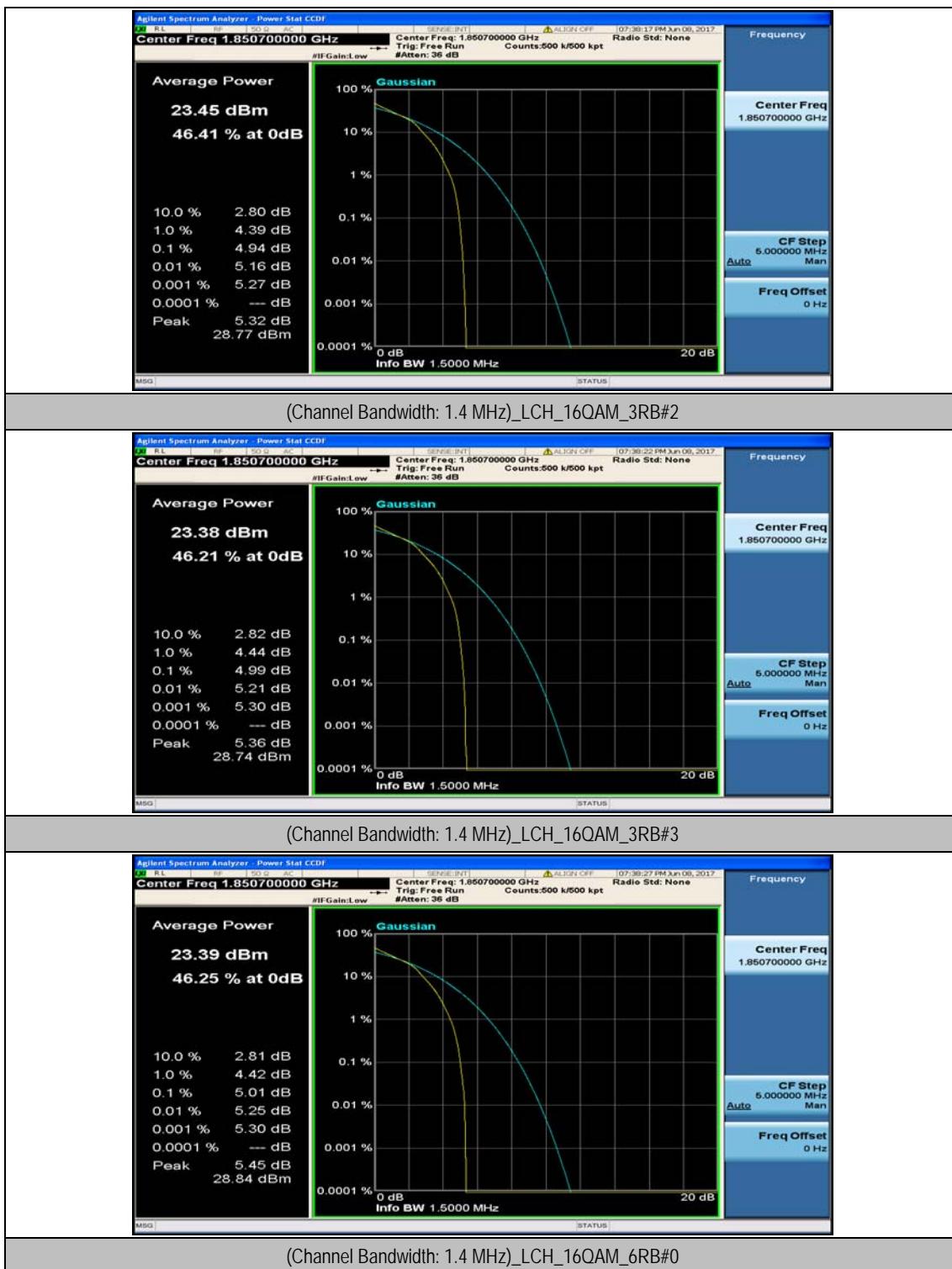




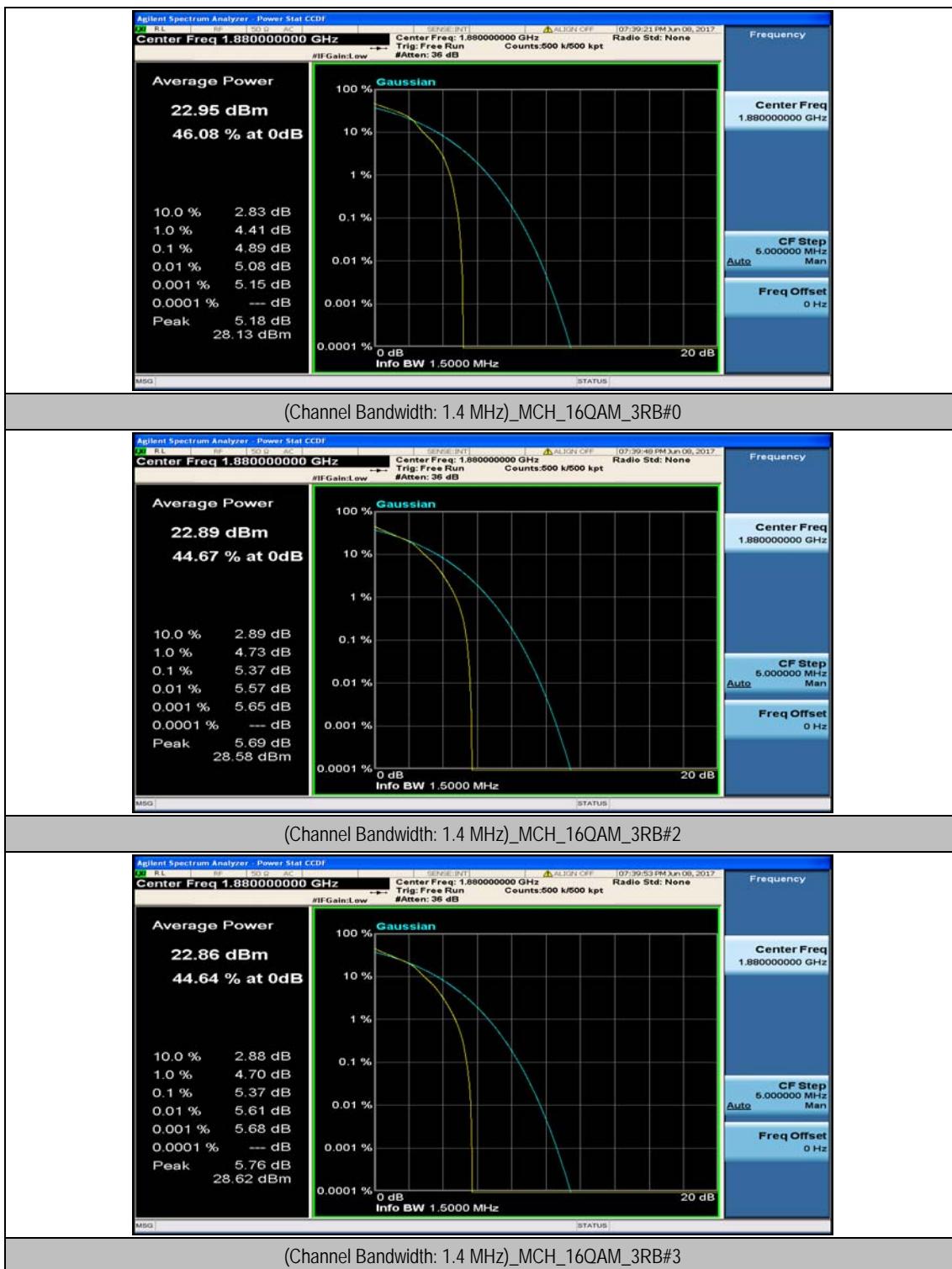


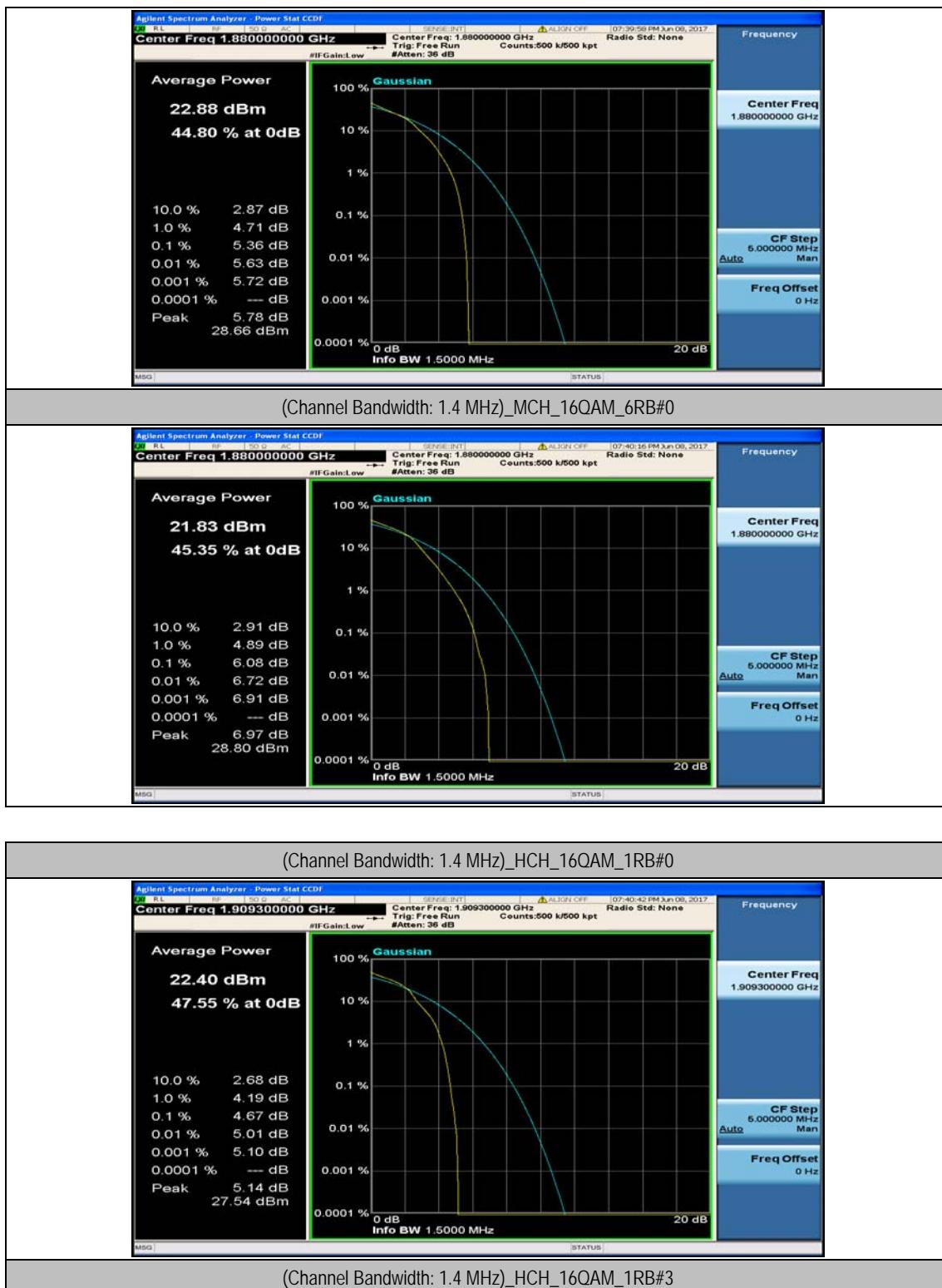


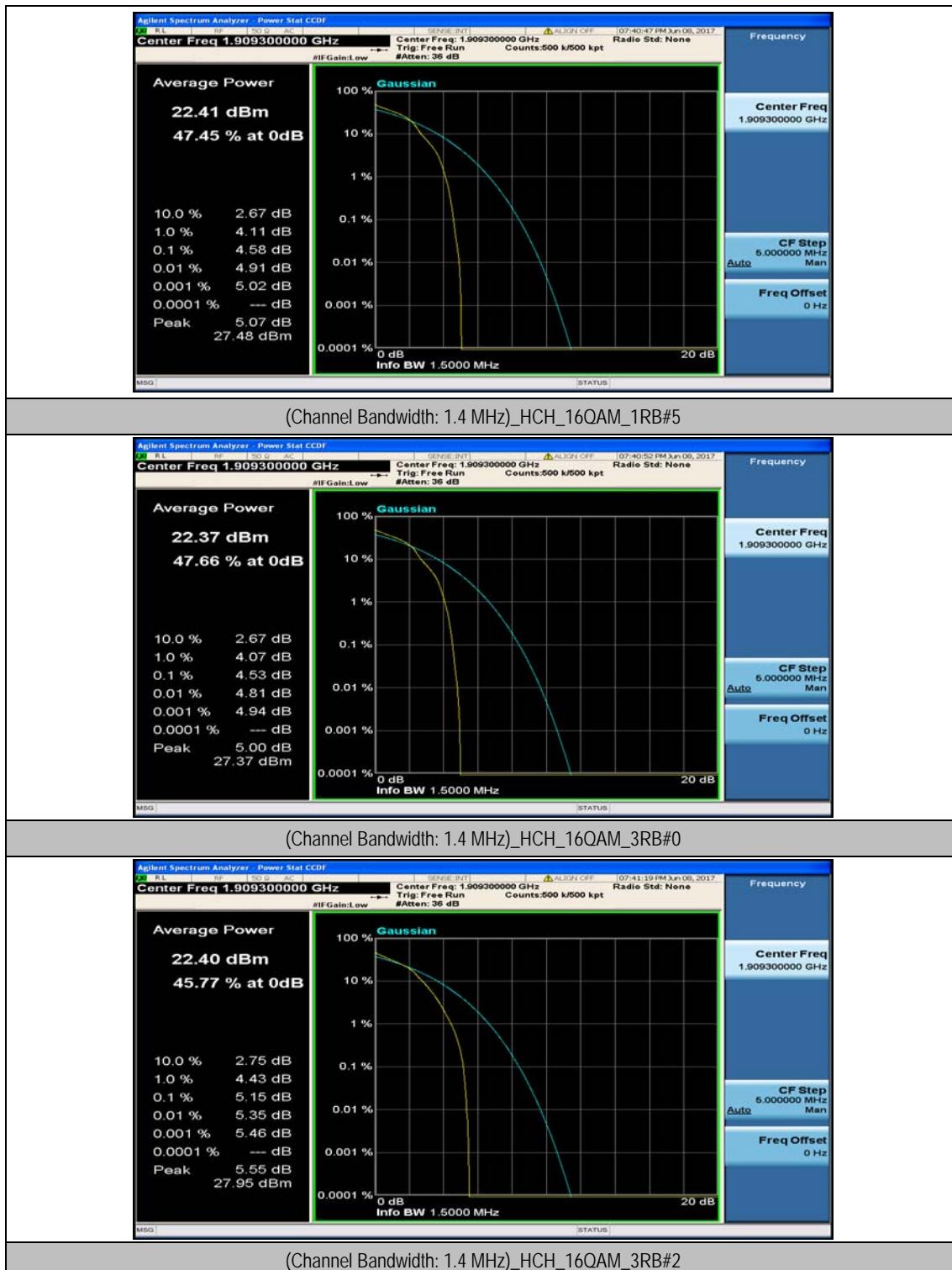


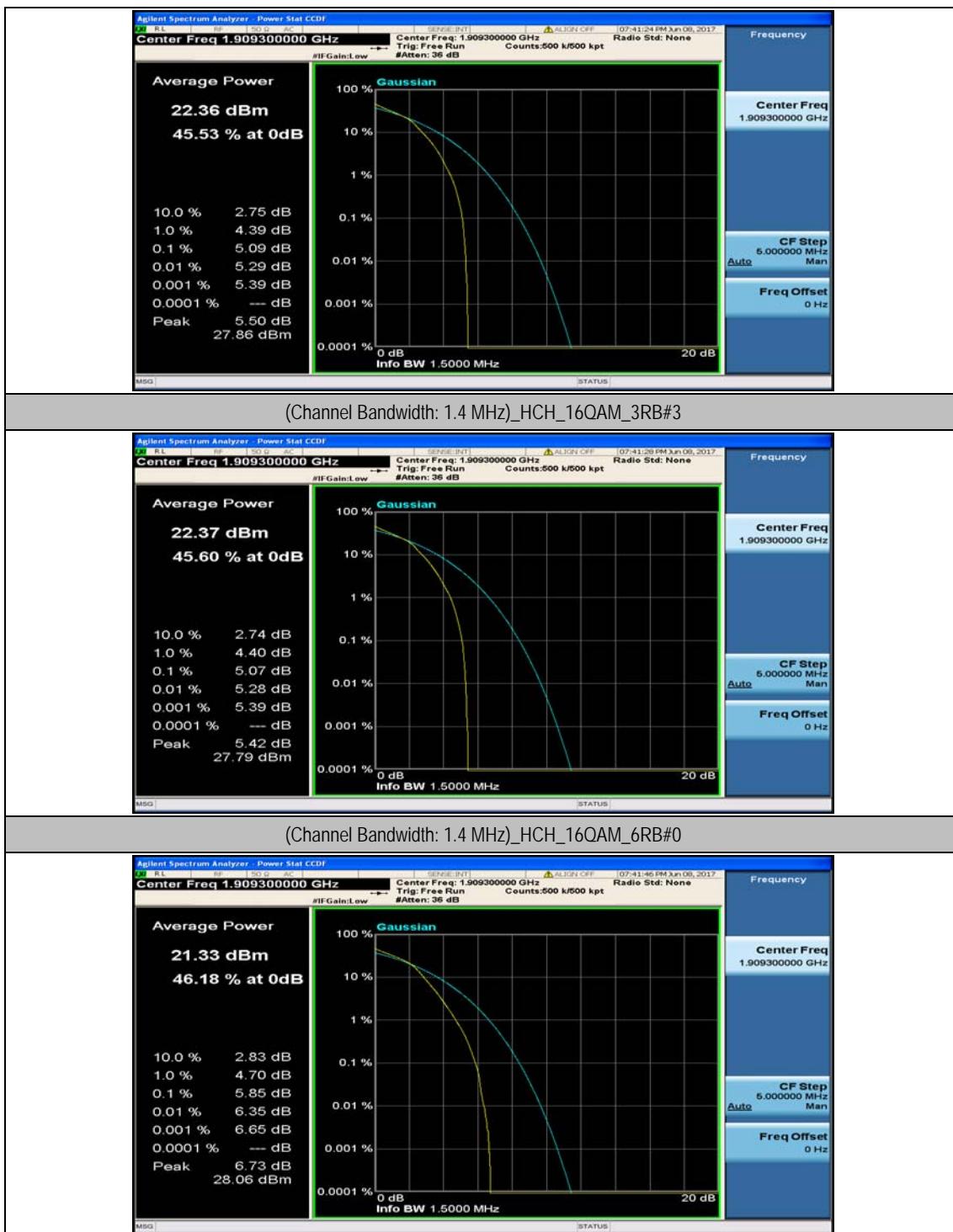




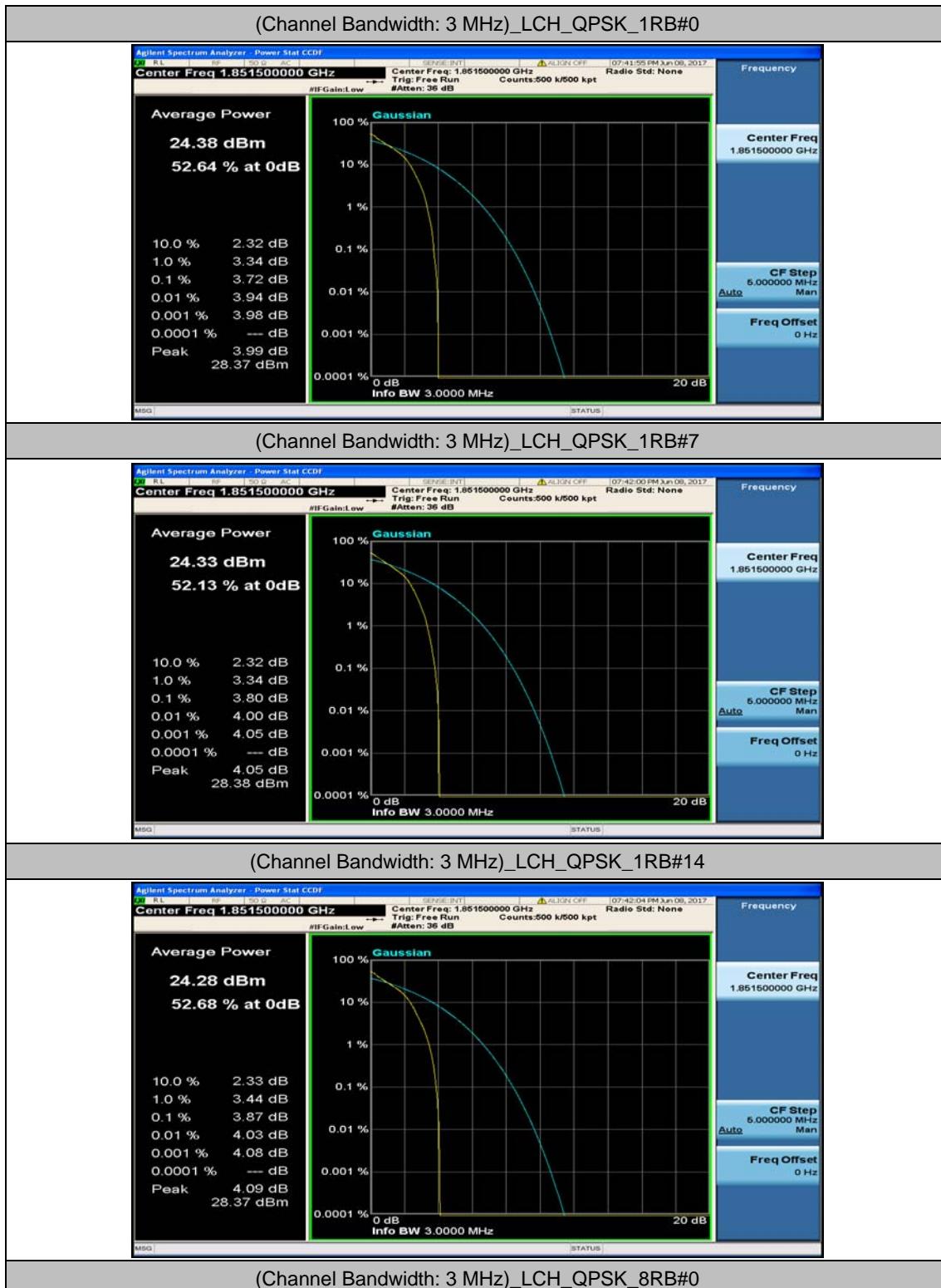


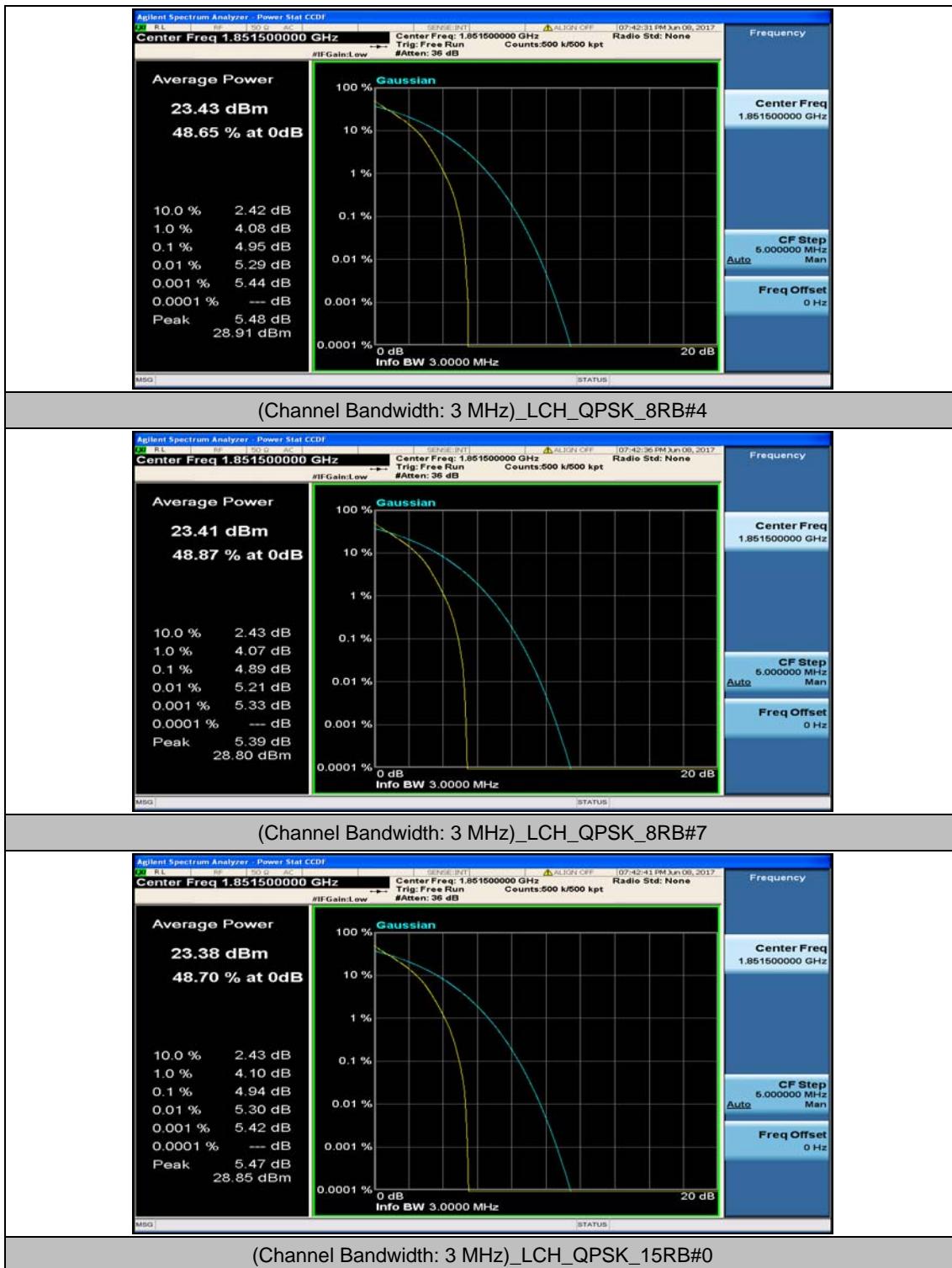


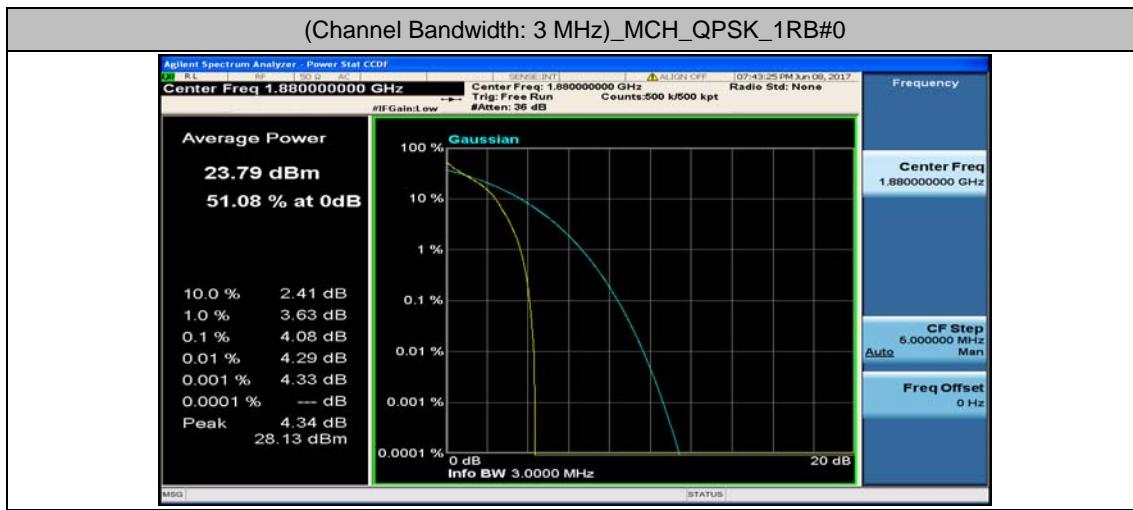
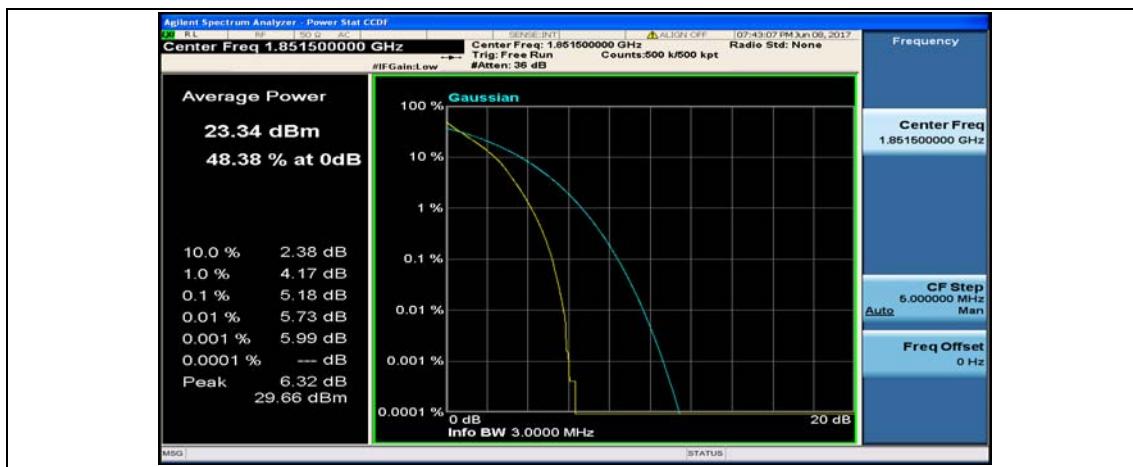




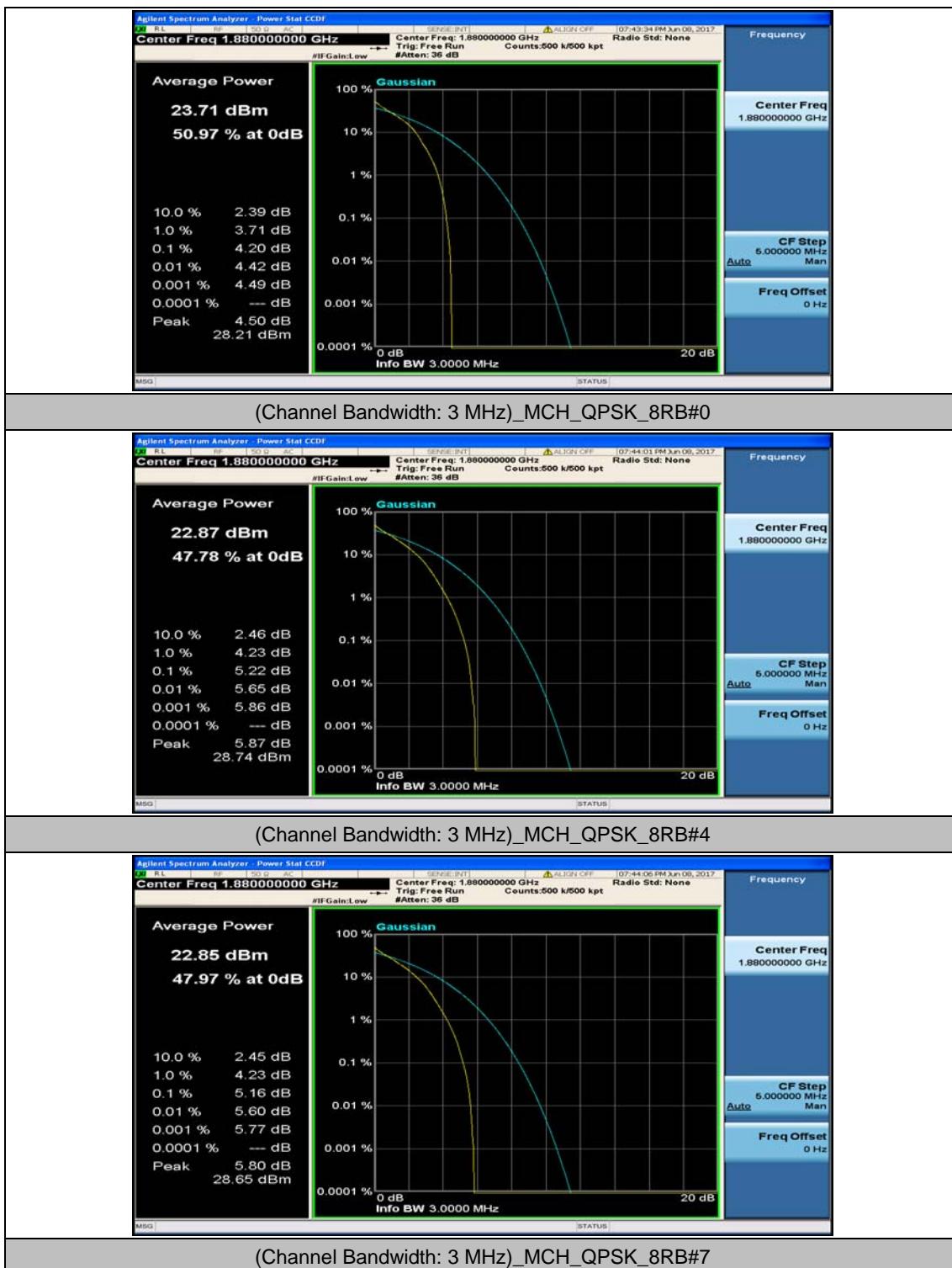
Channel Bandwidth: 3 MHz

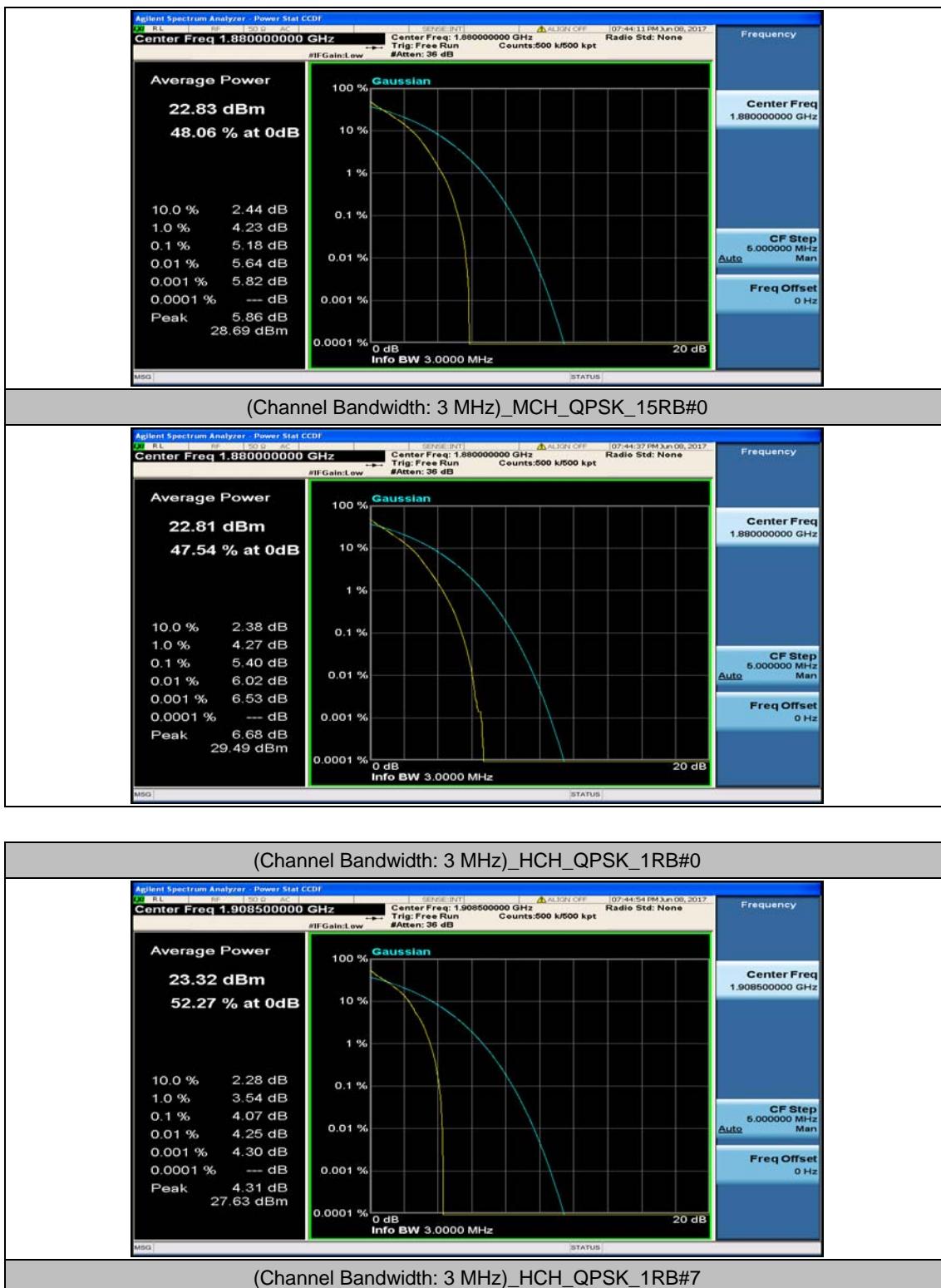


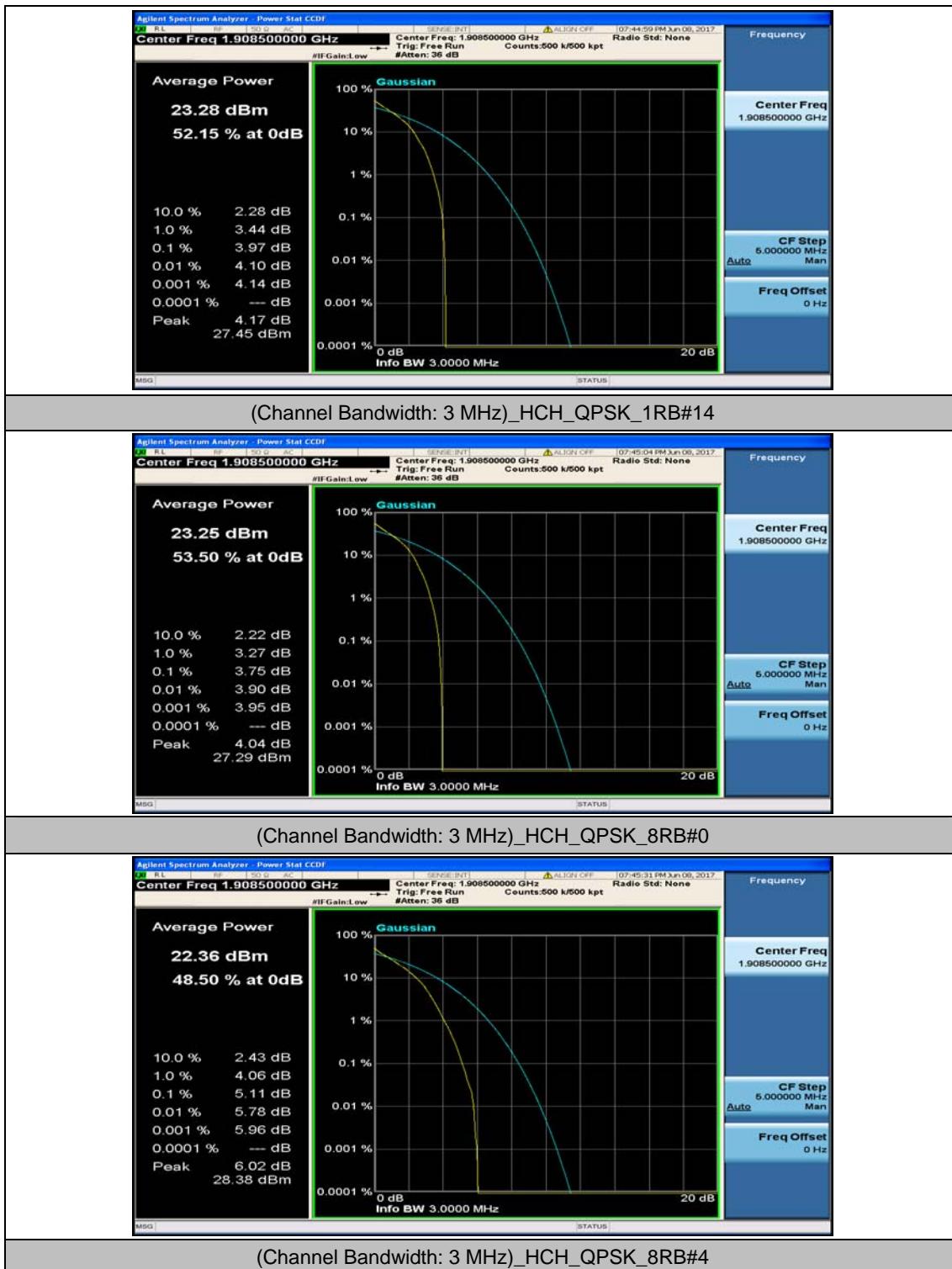


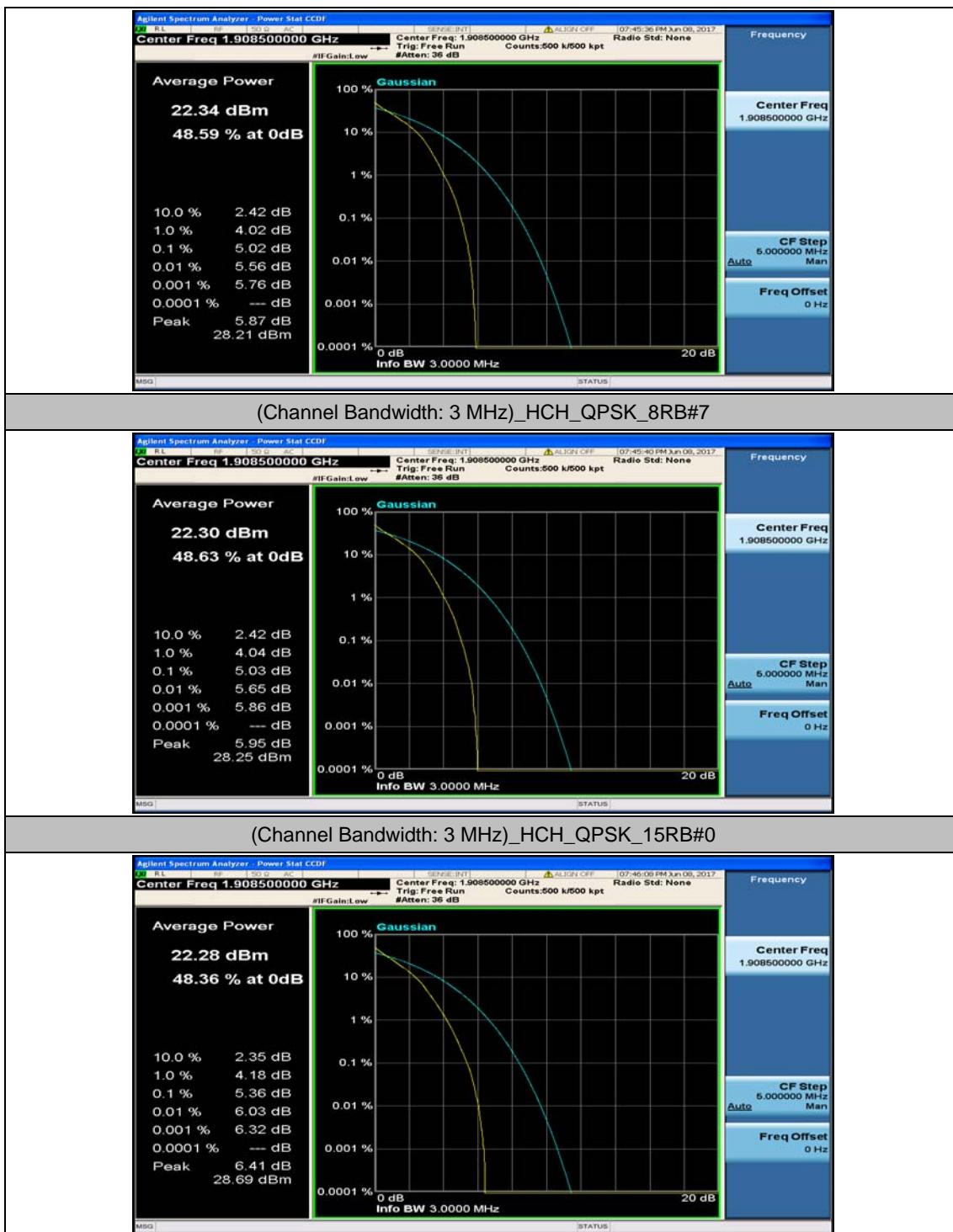


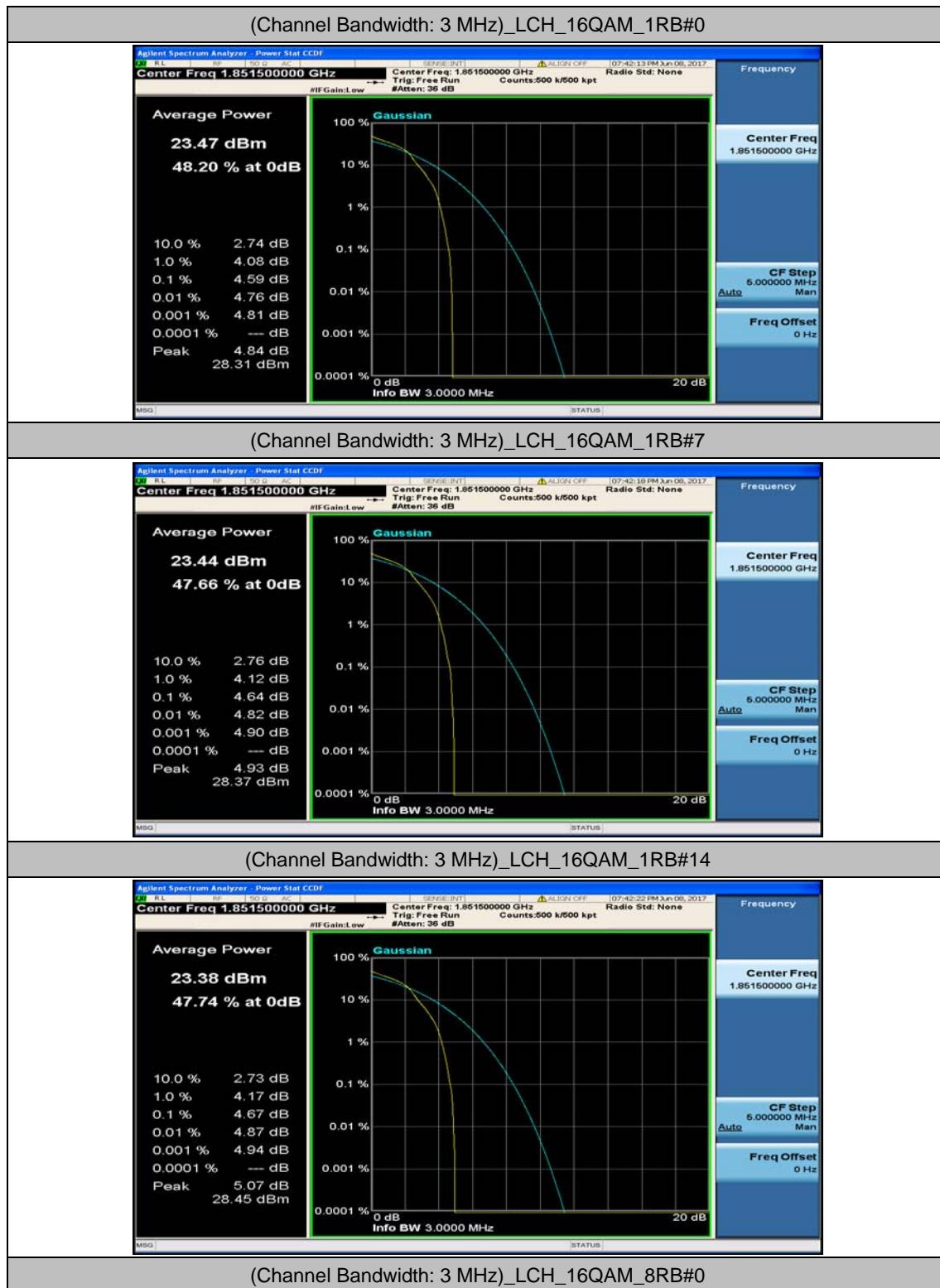
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14

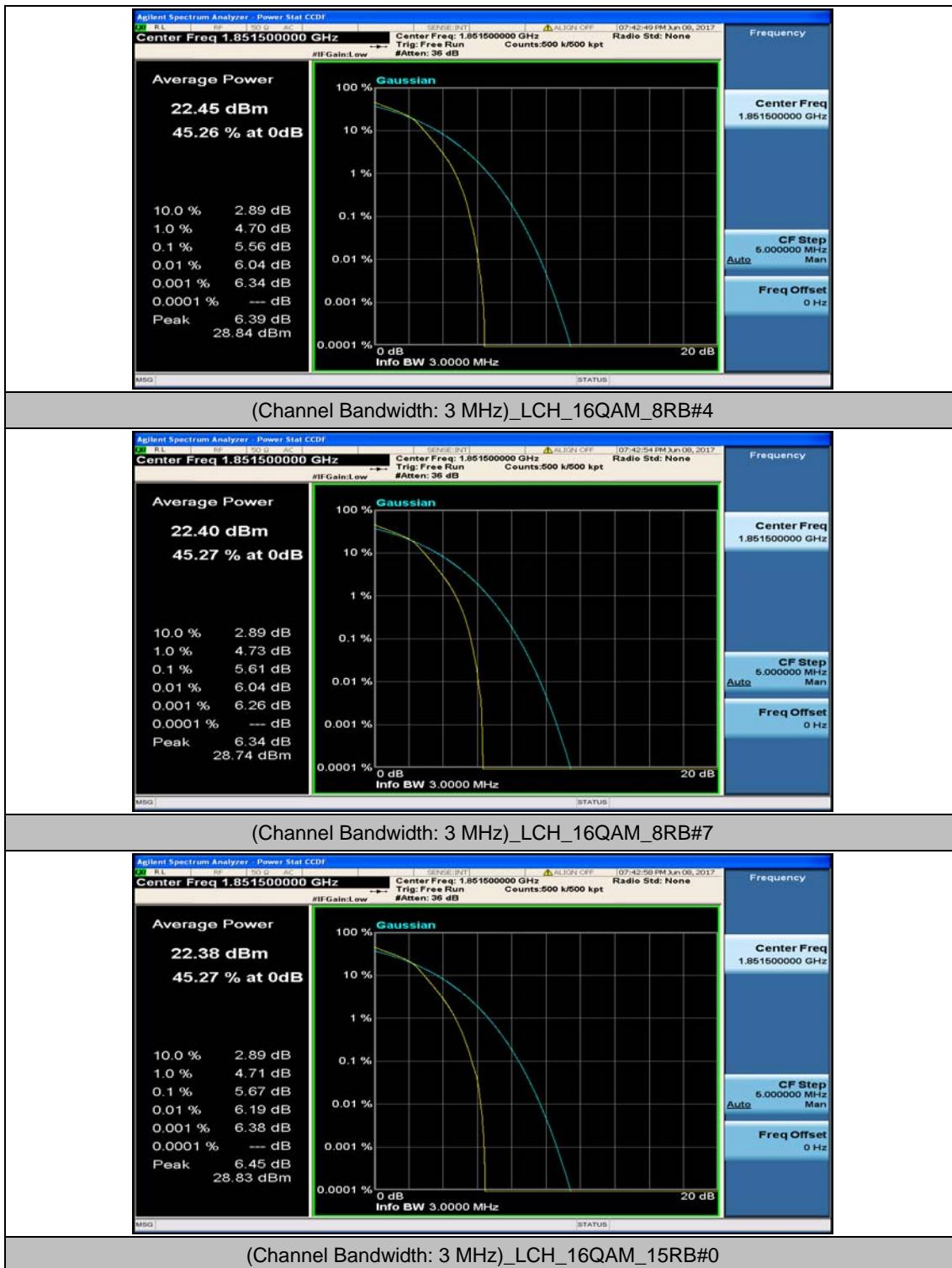


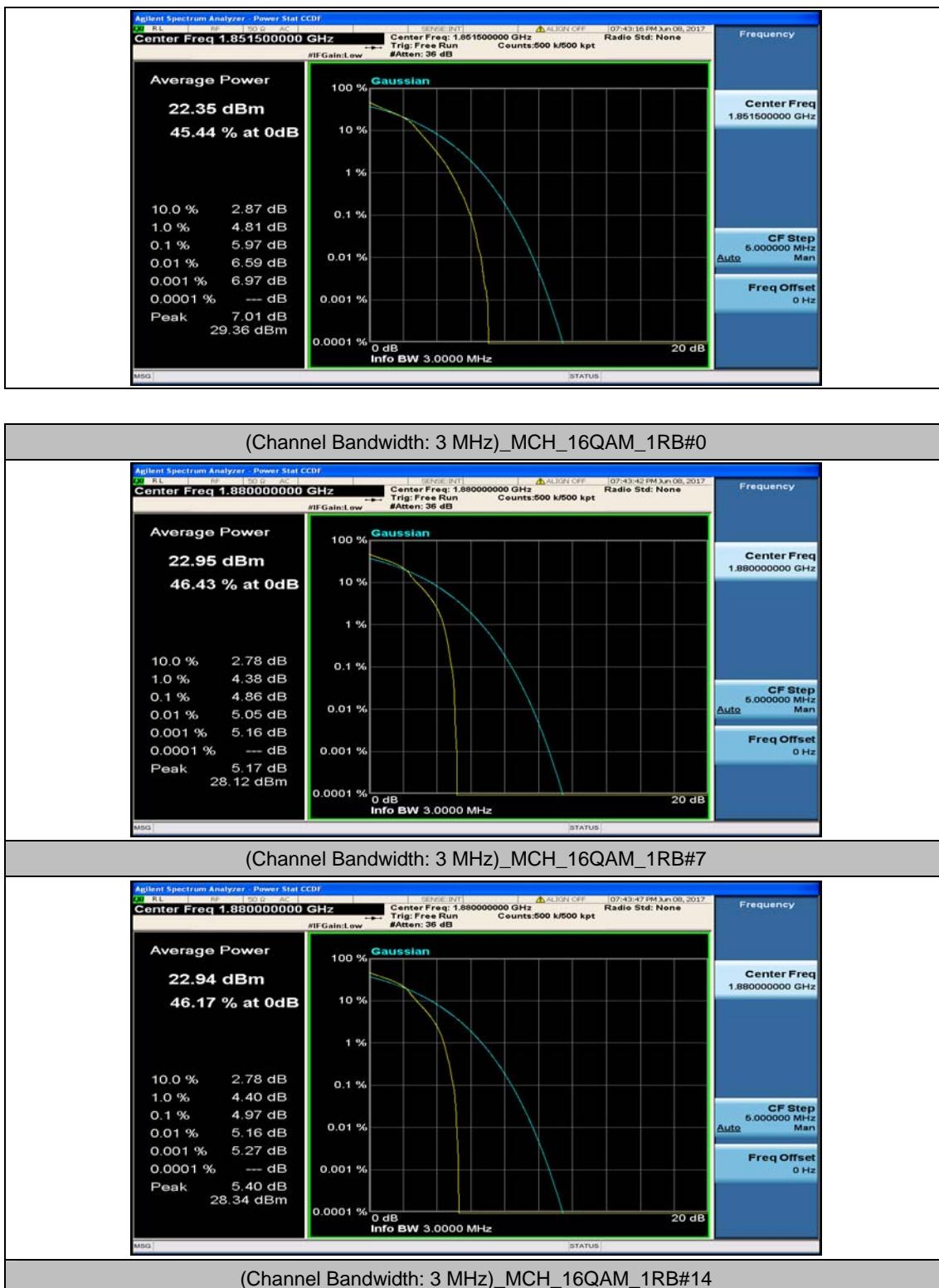


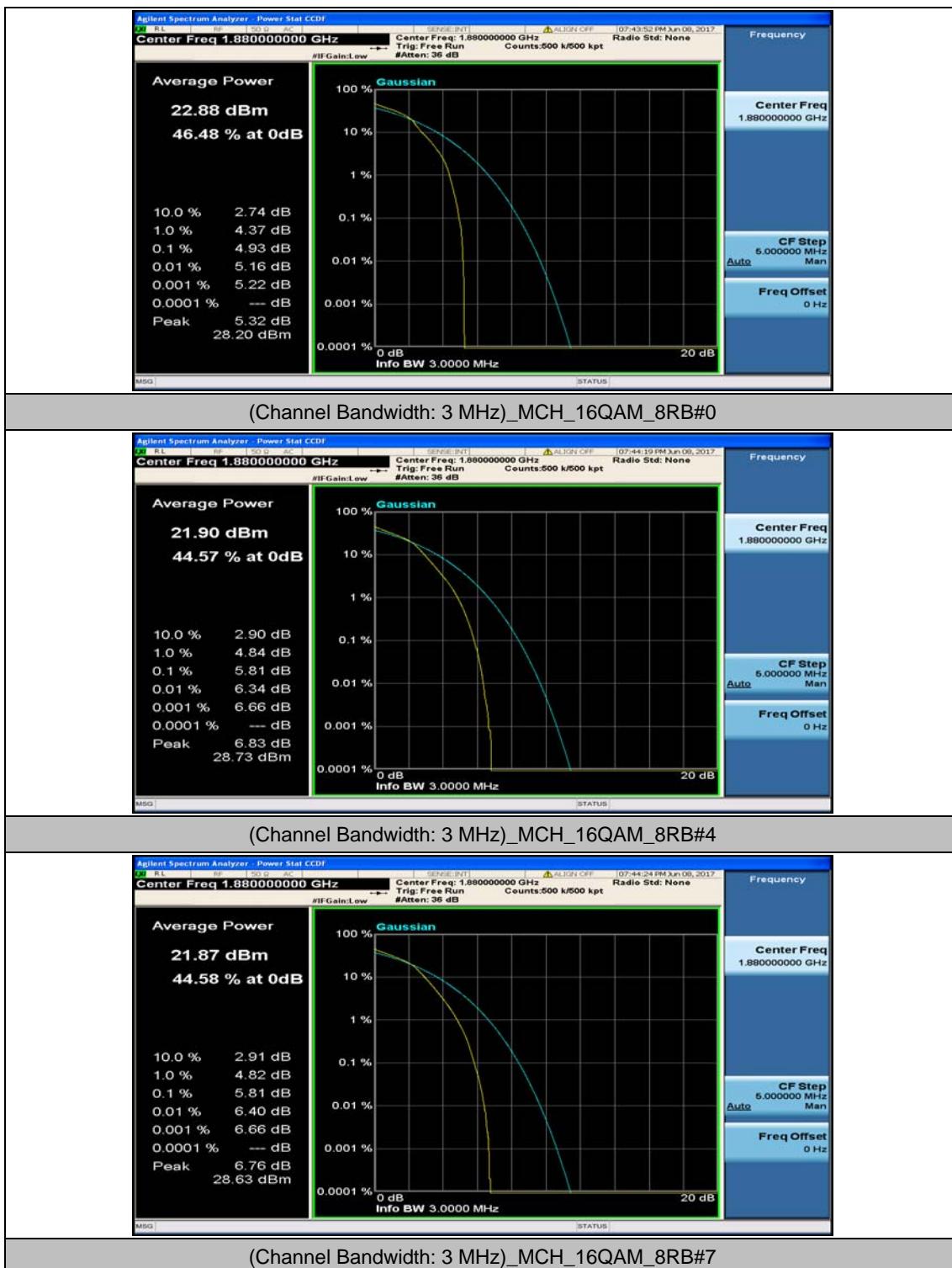


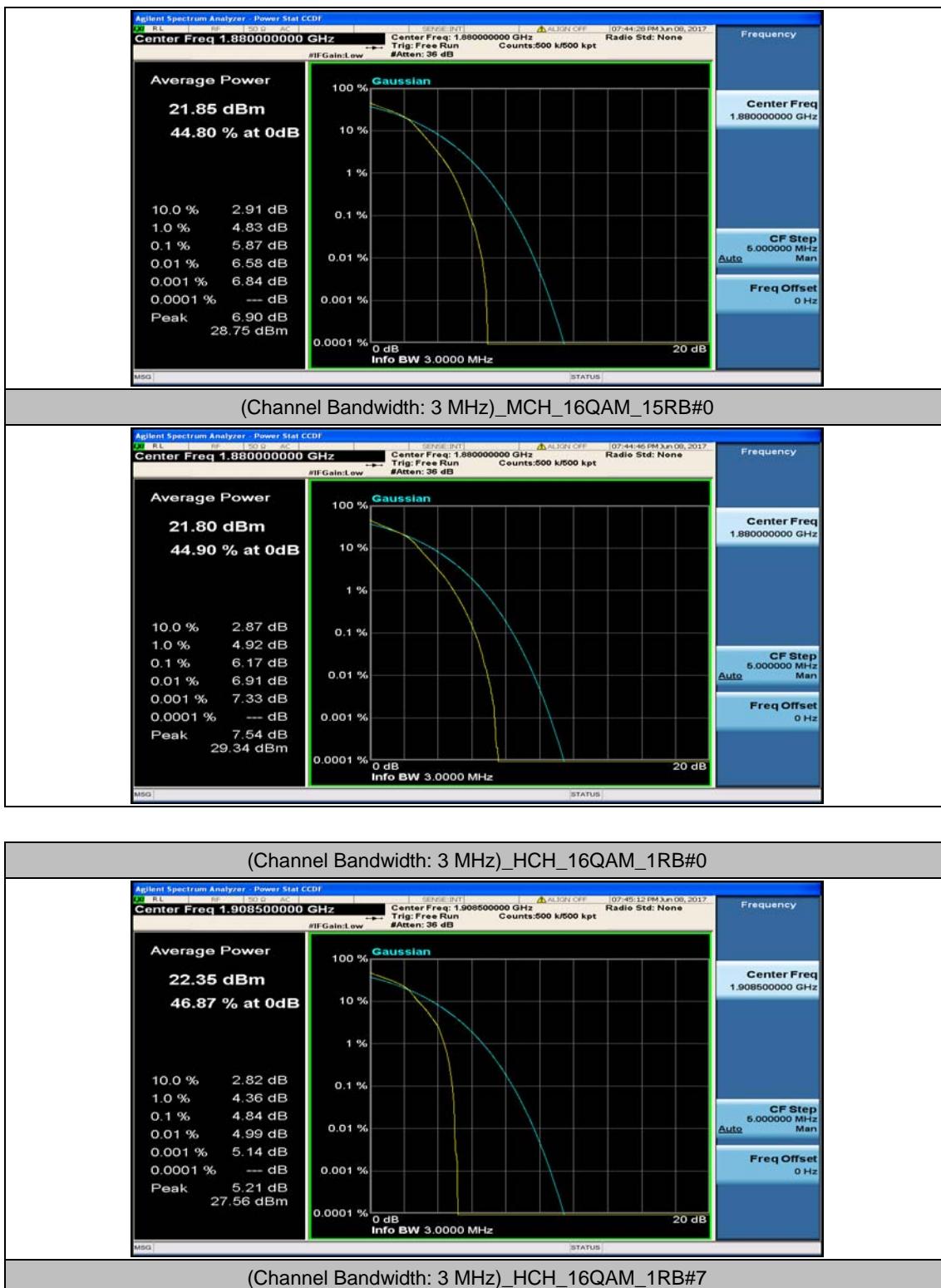


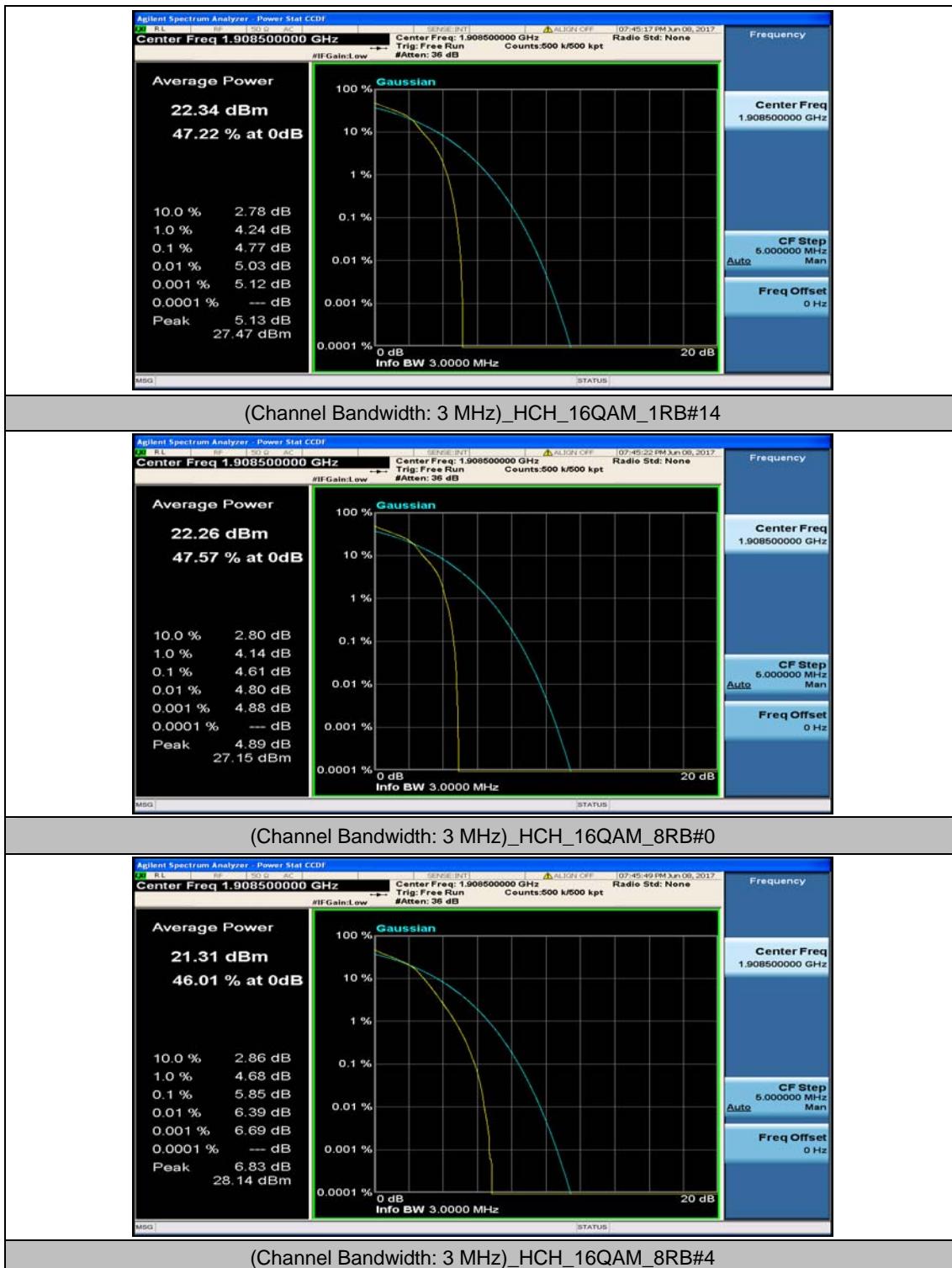


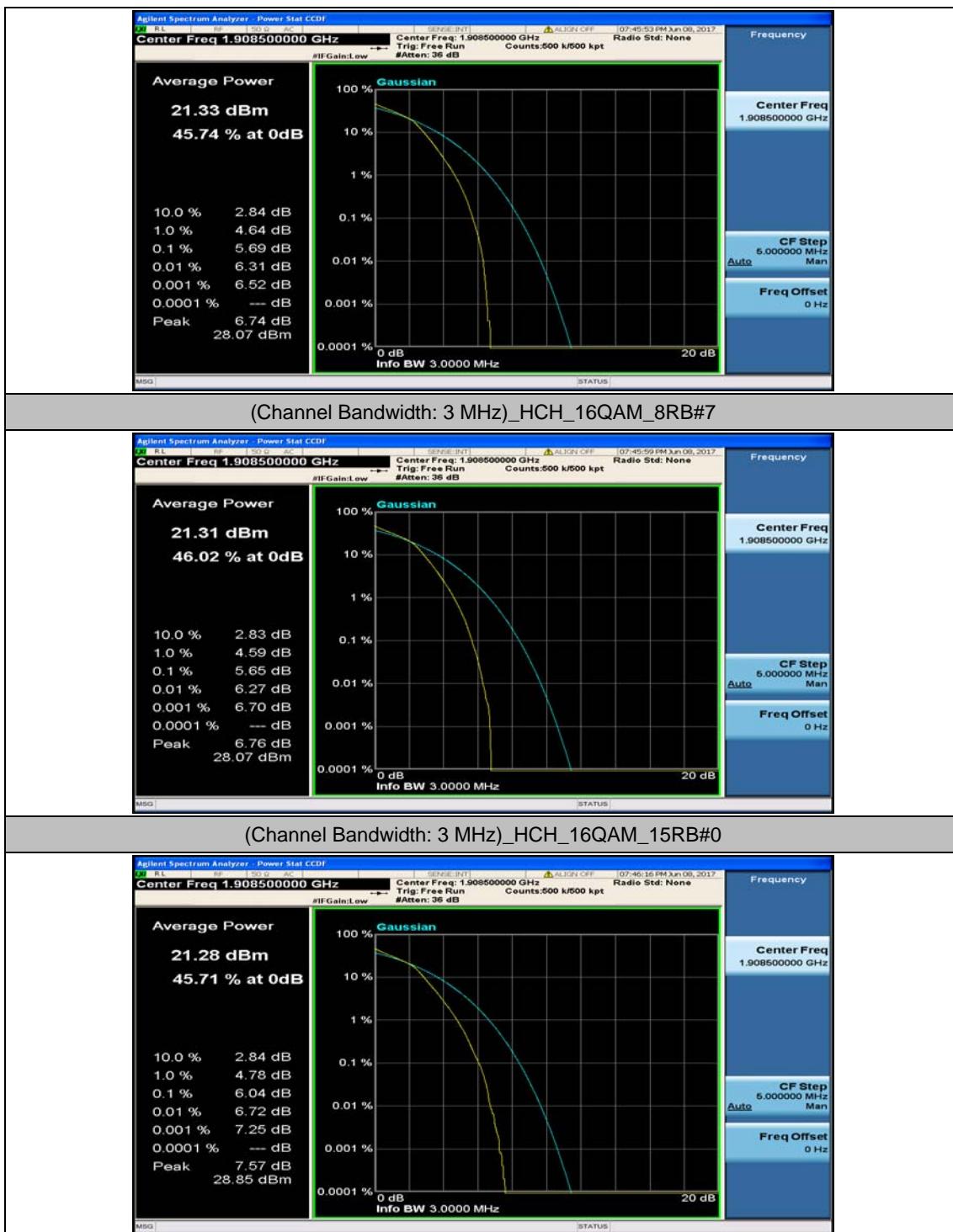




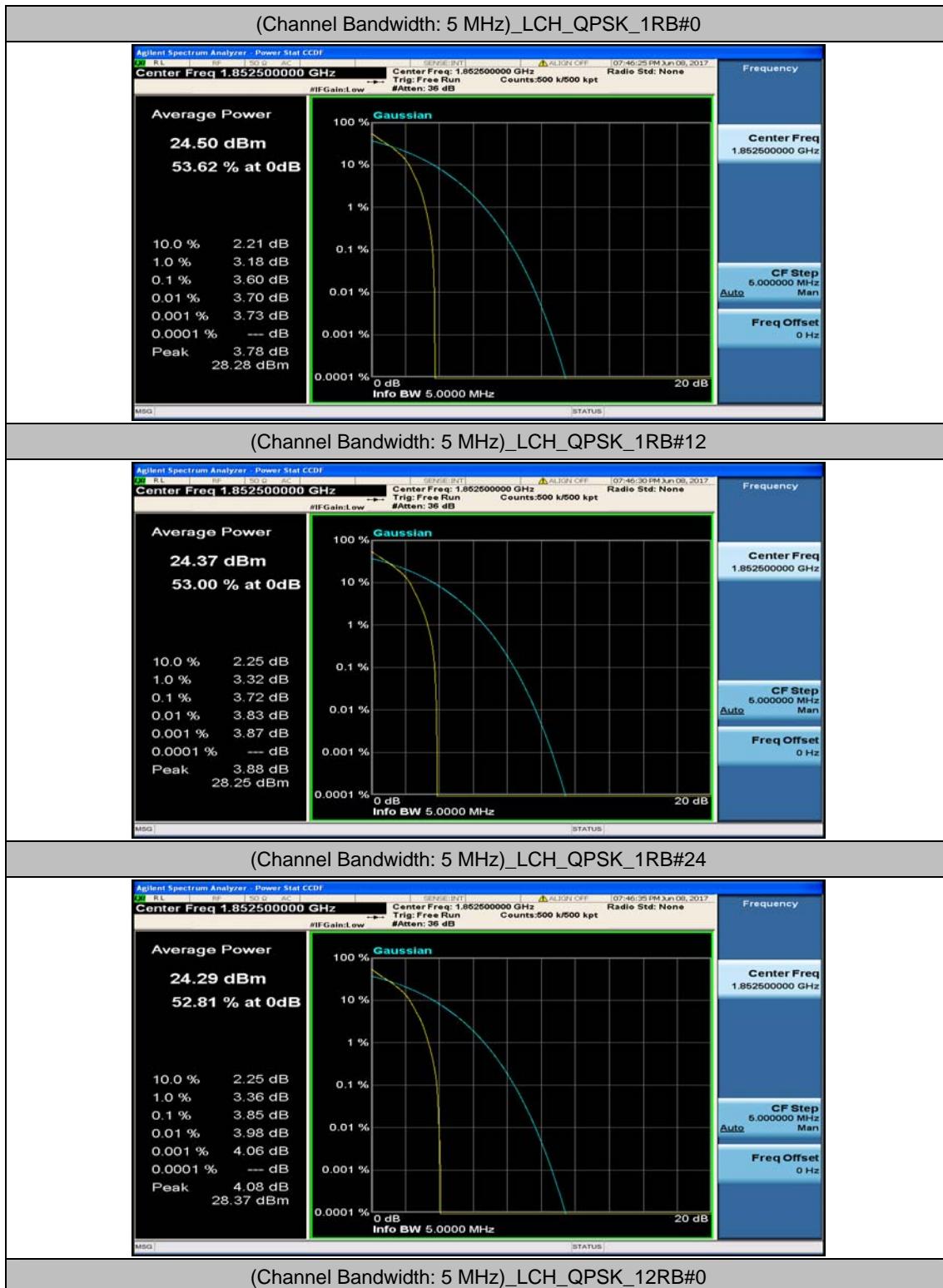


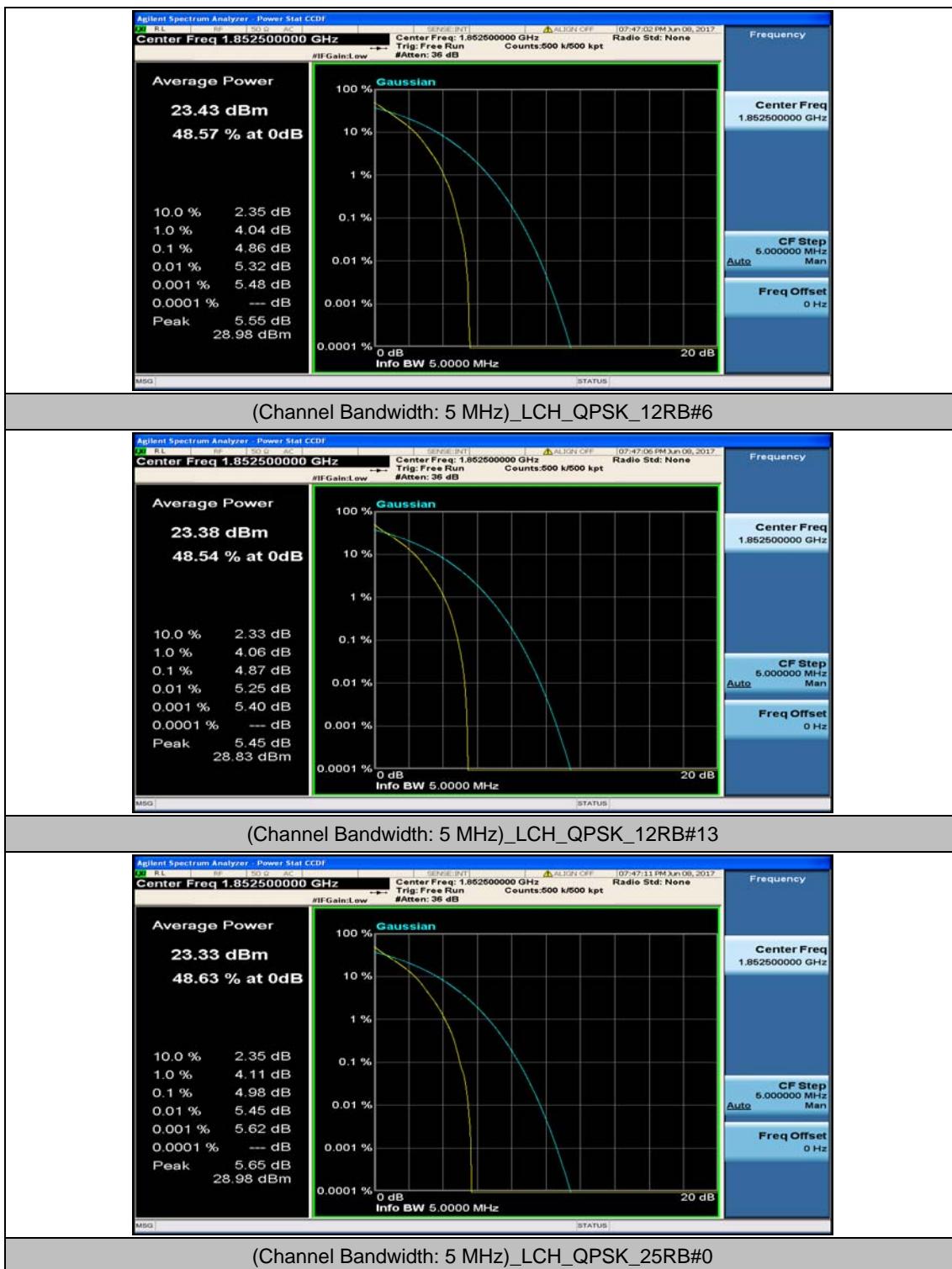


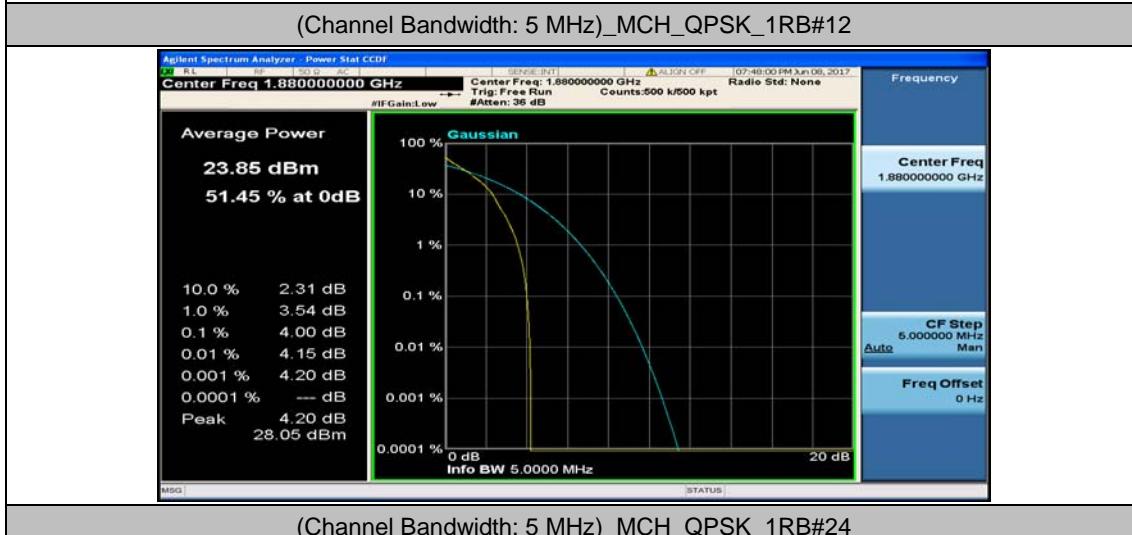
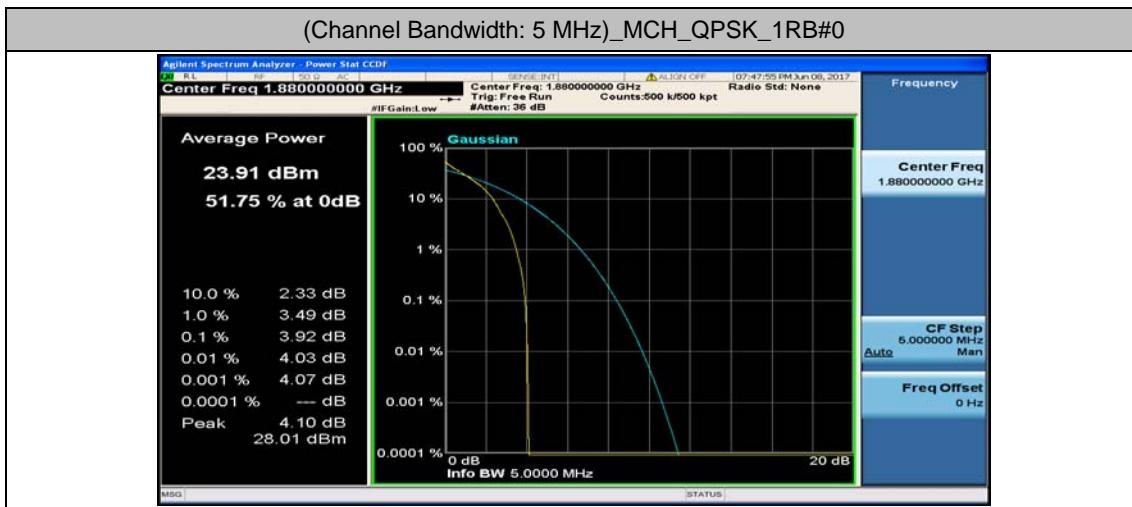
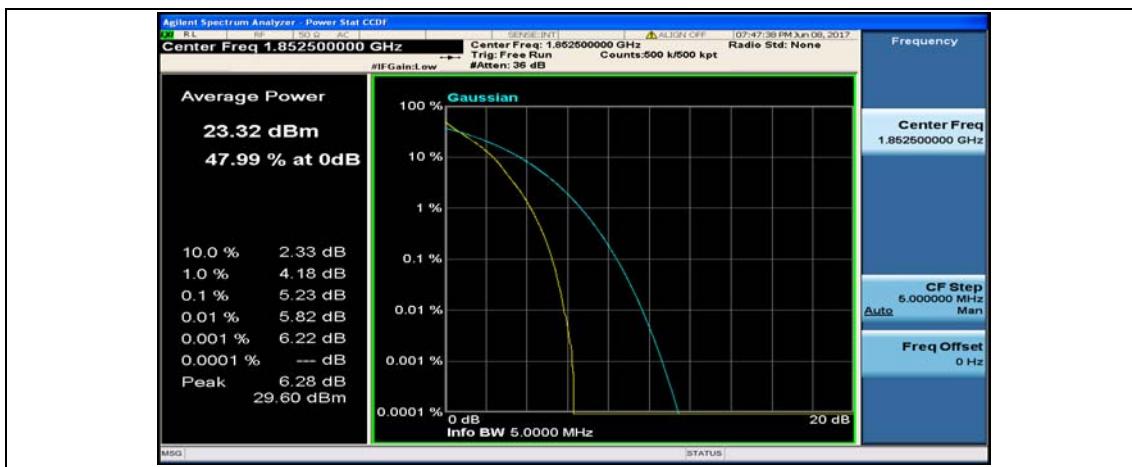




Channel Bandwidth: 5 MHz







(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24

