

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	22.10	PASS
		1	3	22.21	PASS
		1	5	22.08	PASS
		3	0	21.63	PASS
		3	2	21.62	PASS
		3	3	21.65	PASS
		6	0	21.60	PASS
	MCH	1	0	22.00	PASS
		1	3	22.12	PASS
		1	5	22.05	PASS
		3	0	22.08	PASS
		3	2	22.05	PASS
		3	3	22.12	PASS
		6	0	21.02	PASS
16QAM	LCH	1	0	23.31	PASS
		1	3	23.42	PASS
		1	5	23.34	PASS
		3	0	23.44	PASS
		3	2	23.41	PASS
		3	3	23.43	PASS
		6	0	22.32	PASS
	MCH	1	0	21.42	PASS
		1	3	21.60	PASS
		1	5	21.42	PASS
		3	0	20.84	PASS
		3	2	20.78	PASS
		3	3	20.82	PASS
		6	0	20.61	PASS

		3	3	21.19	PASS
		6	0	21.26	PASS
HCH	HCH	1	0	22.60	PASS
		1	3	22.77	PASS
		1	5	22.61	PASS
		3	0	22.49	PASS
		3	2	22.46	PASS
		3	3	22.51	PASS
		6	0	21.49	PASS

Channel Bandwidth: 3 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	21.58	PASS
		1	7	21.70	PASS
		1	14	21.56	PASS
		8	0	20.63	PASS
		8	4	20.63	PASS
		8	7	20.65	PASS
		15	0	20.65	PASS
	MCH	1	0	21.94	PASS
		1	7	22.11	PASS
		1	14	22.03	PASS
		8	0	21.04	PASS
		8	4	21.06	PASS
		8	7	21.08	PASS
		15	0	21.06	PASS
16QAM	LCH	1	0	23.25	PASS
		1	7	23.40	PASS
		1	14	23.33	PASS
		8	0	22.36	PASS
		8	4	22.36	PASS
		8	7	22.36	PASS
		15	0	22.34	PASS
		1	0	20.93	PASS
	MCH	1	7	21.01	PASS
		1	14	20.90	PASS
		8	0	20.73	PASS
		8	4	20.73	PASS
		8	7	20.74	PASS
		15	0	20.64	PASS

		1	7	21.46	PASS
		1	14	21.35	PASS
		8	0	21.14	PASS
		8	4	21.17	PASS
		8	7	21.15	PASS
		15	0	21.07	PASS
	HCH	1	0	22.67	PASS
		1	7	22.80	PASS
		1	14	22.70	PASS
		8	0	21.36	PASS
		8	4	21.35	PASS
		8	7	21.38	PASS
		15	0	21.38	PASS

Channel Bandwidth: 5 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	21.70	PASS
		1	12	21.79	PASS
		1	24	21.70	PASS
		12	0	20.74	PASS
		12	6	20.70	PASS
		12	13	20.72	PASS
		25	0	20.67	PASS
	MCH	1	0	22.02	PASS
		1	12	22.18	PASS
		1	24	22.14	PASS
		12	0	21.09	PASS
		12	6	21.14	PASS
		12	13	21.18	PASS
		25	0	21.08	PASS
	HCH	1	0	23.27	PASS
		1	12	23.41	PASS
		1	24	23.41	PASS
		12	0	22.35	PASS
		12	6	22.37	PASS
		12	13	22.41	PASS
		25	0	22.34	PASS
16QAM	LCH	1	0	21.15	PASS
		1	12	21.24	PASS
		1	24	21.15	PASS
		12	0	20.93	PASS

		12	6	20.91	PASS
		12	13	20.92	PASS
		25	0	20.74	PASS
MCH	MCH	1	0	21.49	PASS
		1	12	21.67	PASS
		1	24	21.64	PASS
		12	0	20.36	PASS
		12	6	20.34	PASS
		12	13	20.37	PASS
		25	0	20.65	PASS
HCH	HCH	1	0	22.39	PASS
		1	12	22.48	PASS
		1	24	22.43	PASS
		12	0	21.42	PASS
		12	6	21.44	PASS
		12	13	21.47	PASS
		25	0	21.38	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	21.71	PASS
		1	24	21.69	PASS
		1	49	21.70	PASS
		25	0	20.71	PASS
		25	12	20.70	PASS
		25	25	20.72	PASS
		50	0	20.71	PASS
	MCH	1	0	21.99	PASS
		1	24	22.06	PASS
		1	49	22.21	PASS
		25	0	21.05	PASS
		25	12	21.13	PASS
		25	25	21.18	PASS
		50	0	21.11	PASS
	HCH	1	0	23.09	PASS
		1	24	23.26	PASS
		1	49	23.38	PASS
		25	0	22.20	PASS
		25	12	22.26	PASS
		25	25	22.34	PASS
		50	0	22.28	PASS

16QAM	LCH	1	0	21.04	PASS
		1	24	21.02	PASS
		1	49	21.05	PASS
		25	0	20.74	PASS
		25	12	20.73	PASS
		25	25	20.74	PASS
		50	0	20.73	PASS
	MCH	1	0	21.34	PASS
		1	24	21.45	PASS
		1	49	21.56	PASS
		25	0	20.07	PASS
		25	12	20.17	PASS
		25	25	20.22	PASS
		50	0	20.12	PASS
	HCH	1	0	22.57	PASS
		1	24	22.74	PASS
		1	49	22.81	PASS
		25	0	21.26	PASS
		25	12	21.34	PASS
		25	25	21.40	PASS
		50	0	21.34	PASS

Channel Bandwidth: 15 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	21.78	PASS
		1	37	21.89	PASS
		1	74	21.76	PASS
		37	0	20.81	PASS
		37	18	20.79	PASS
		37	38	20.76	PASS
		75	0	20.79	PASS
	MCH	1	0	21.93	PASS
		1	37	22.22	PASS
		1	74	22.32	PASS
		37	0	21.03	PASS
		37	18	21.16	PASS
		37	38	21.25	PASS
		75	0	21.17	PASS
	HCH	1	0	22.79	PASS
		1	37	23.18	PASS
		1	74	23.33	PASS

		37	0	22.03	PASS
		37	18	22.18	PASS
		37	38	22.29	PASS
		75	0	22.17	PASS
16QAM	LCH	1	0	21.10	PASS
		1	37	21.21	PASS
		1	74	21.11	PASS
		37	0	20.81	PASS
		37	18	20.79	PASS
		37	38	20.76	PASS
		75	0	20.79	PASS
	MCH	1	0	21.28	PASS
		1	37	21.54	PASS
		1	74	21.66	PASS
		37	0	20.66	PASS
		37	18	20.65	PASS
		37	38	20.68	PASS
		75	0	20.77	PASS
	HCH	1	0	22.20	PASS
		1	37	22.59	PASS
		1	74	22.67	PASS
		37	0	21.06	PASS
		37	18	21.22	PASS
		37	38	21.36	PASS
		75	0	21.16	PASS

Channel Bandwidth: 20 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	21.90	PASS
		1	49	21.90	PASS
		1	99	22.02	PASS
		50	0	20.82	PASS
		50	25	20.77	PASS
		50	50	20.83	PASS
		100	0	20.82	PASS
	MCH	1	0	22.03	PASS
		1	49	22.23	PASS
		1	99	22.56	PASS
		50	0	21.00	PASS
		50	25	21.14	PASS
		50	50	21.30	PASS

		100	0	21.19	PASS
16QAM	HCH	1	0	22.64	PASS
		1	49	23.10	PASS
		1	99	23.42	PASS
		50	0	21.85	PASS
		50	25	22.05	PASS
		50	50	22.24	PASS
		100	0	22.04	PASS
16QAM	LCH	1	0	21.14	PASS
		1	49	21.13	PASS
		1	99	21.24	PASS
		50	0	20.82	PASS
		50	25	20.78	PASS
		50	50	20.82	PASS
		100	0	20.84	PASS
	MCH	1	0	21.27	PASS
		1	49	21.47	PASS
		1	99	21.74	PASS
		50	0	20.52	PASS
		50	25	20.63	PASS
		50	50	20.39	PASS
		100	0	20.67	PASS
16QAM	HCH	1	0	22.03	PASS
		1	49	22.52	PASS
		1	99	22.82	PASS
		50	0	20.91	PASS
		50	25	21.09	PASS
		50	50	21.28	PASS
		100	0	21.04	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	5.89	<13	PASS
		1	3	5.9	<13	PASS
		1	5	5.97	<13	PASS
		3	0	5.75	<13	PASS
		3	2	5.73	<13	PASS
		3	3	5.97	<13	PASS
		6	0	6.1	<13	PASS
	MCH	1	0	5.52	<13	PASS
		1	3	5.64	<13	PASS
		1	5	5.29	<13	PASS
		3	0	5.73	<13	PASS
		3	2	5.82	<13	PASS
		3	3	5.82	<13	PASS
		6	0	6.02	<13	PASS
16QAM	LCH	1	0	4.77	<13	PASS
		1	3	4.78	<13	PASS
		1	5	4.76	<13	PASS
		3	0	4.98	<13	PASS
		3	2	4.93	<13	PASS
		3	3	4.91	<13	PASS
		6	0	5.34	<13	PASS
	MCH	1	0	6.65	<13	PASS
		1	3	6.55	<13	PASS
		1	5	6.56	<13	PASS
		3	0	6.64	<13	PASS
		3	2	6.75	<13	PASS
		3	3	6.56	<13	PASS
		6	0	6.99	<13	PASS

		3	2	6.68	<13	PASS
		3	3	6.86	<13	PASS
		6	0	7.04	<13	PASS
HCH		1	0	5.87	<13	PASS
		1	3	5.7	<13	PASS
		1	5	5.67	<13	PASS
		3	0	5.63	<13	PASS
		3	2	5.69	<13	PASS
		3	3	5.53	<13	PASS
		6	0	6.21	<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	5.87	<13	PASS
		1	7	5.69	<13	PASS
		1	14	5.72	<13	PASS
		8	0	5.97	<13	PASS
		8	4	6.11	<13	PASS
		8	7	6.07	<13	PASS
		15	0	6.06	<13	PASS
	MCH	1	0	5.81	<13	PASS
		1	7	5.63	<13	PASS
		1	14	5.86	<13	PASS
		8	0	6.01	<13	PASS
		8	4	6.12	<13	PASS
		8	7	6.04	<13	PASS
		15	0	6.09	<13	PASS
	HCH	1	0	4.96	<13	PASS
		1	7	4.65	<13	PASS
		1	14	4.52	<13	PASS
		8	0	5.56	<13	PASS
		8	4	5.59	<13	PASS
		8	7	5.47	<13	PASS
		15	0	5.57	<13	PASS
16QAM	LCH	1	0	6.85	<13	PASS
		1	7	6.92	<13	PASS
		1	14	6.7	<13	PASS
		8	0	6.68	<13	PASS
		8	4	6.82	<13	PASS

		8	7	6.7	<13	PASS
		15	0	6.97	<13	PASS
MCH	1	0	6.88	<13	PASS	
	1	7	6.8	<13	PASS	
	1	14	6.79	<13	PASS	
	8	0	6.72	<13	PASS	
	8	4	6.72	<13	PASS	
	8	7	6.79	<13	PASS	
	15	0	7.04	<13	PASS	
HCH	1	0	5.9	<13	PASS	
	1	7	5.62	<13	PASS	
	1	14	5.5	<13	PASS	
	8	0	6.3	<13	PASS	
	8	4	6.19	<13	PASS	
	8	7	6.15	<13	PASS	
	15	0	6.37	<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	5.4	<13	PASS
		1	12	5.44	<13	PASS
		1	24	5.41	<13	PASS
		12	0	5.95	<13	PASS
		12	6	5.93	<13	PASS
		12	13	5.96	<13	PASS
		25	0	6.03	<13	PASS
	MCH	1	0	5.64	<13	PASS
		1	12	5.58	<13	PASS
		1	24	5.25	<13	PASS
		12	0	6.1	<13	PASS
		12	6	6.02	<13	PASS
		12	13	6.05	<13	PASS
		25	0	6.03	<13	PASS
	HCH	1	0	5.32	<13	PASS
		1	12	5.08	<13	PASS
		1	24	4.79	<13	PASS
		12	0	5.79	<13	PASS
		12	6	5.64	<13	PASS
		12	13	5.47	<13	PASS

		25	0	5.75	<13	PASS
16QAM	LCH	1	0	6.34	<13	PASS
		1	12	6.43	<13	PASS
		1	24	6.14	<13	PASS
		12	0	6.83	<13	PASS
		12	6	6.71	<13	PASS
		12	13	6.8	<13	PASS
		25	0	6.87	<13	PASS
	MCH	1	0	6.42	<13	PASS
		1	12	6.36	<13	PASS
		1	24	6.29	<13	PASS
		12	0	6.83	<13	PASS
		12	6	6.9	<13	PASS
		12	13	6.83	<13	PASS
		25	0	6.87	<13	PASS
	HCH	1	0	6.06	<13	PASS
		1	12	5.73	<13	PASS
		1	24	5.36	<13	PASS
		12	0	6.69	<13	PASS
		12	6	6.56	<13	PASS
		12	13	6.42	<13	PASS
		25	0	6.5	<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	5.69	<13	PASS
		1	24	5.48	<13	PASS
		1	49	5.9	<13	PASS
		25	0	5.95	<13	PASS
		25	12	5.94	<13	PASS
		25	25	5.97	<13	PASS
		50	0	5.89	<13	PASS
	MCH	1	0	5.79	<13	PASS
		1	24	5.75	<13	PASS
		1	49	5.39	<13	PASS
		25	0	6	<13	PASS
		25	12	6	<13	PASS
		25	25	5.88	<13	PASS
		50	0	5.91	<13	PASS

		1	0	5.57	<13	PASS
		1	24	5.16	<13	PASS
		1	49	4.64	<13	PASS
	HCH	25	0	5.9	<13	PASS
		25	12	5.86	<13	PASS
		25	25	5.61	<13	PASS
		50	0	5.77	<13	PASS
16QAM	LCH	1	0	6.75	<13	PASS
		1	24	6.49	<13	PASS
		1	49	6.74	<13	PASS
		25	0	6.72	<13	PASS
		25	12	6.75	<13	PASS
		25	25	6.8	<13	PASS
		50	0	6.58	<13	PASS
	MCH	1	0	6.88	<13	PASS
		1	24	6.75	<13	PASS
		1	49	6.63	<13	PASS
		25	0	6.89	<13	PASS
		25	12	6.94	<13	PASS
		25	25	6.68	<13	PASS
		50	0	6.64	<13	PASS
	HCH	1	0	6.47	<13	PASS
		1	24	6.26	<13	PASS
		1	49	5.56	<13	PASS
		25	0	6.72	<13	PASS
		25	12	6.71	<13	PASS
		25	25	6.48	<13	PASS
		50	0	6.52	<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	5.64	<13	PASS
		1	37	5.6	<13	PASS
		1	74	5.88	<13	PASS
		37	0	5.93	<13	PASS
		37	18	5.85	<13	PASS
		37	38	5.93	<13	PASS
		75	0	6.14	<13	PASS
	MCH	1	0	6.04	<13	PASS

	16QAM	HCH	1	37	5.65	<13	PASS
			1	74	5.39	<13	PASS
			37	0	5.95	<13	PASS
			37	18	5.95	<13	PASS
			37	38	5.87	<13	PASS
			75	0	6.19	<13	PASS
		LCH	1	0	5.49	<13	PASS
			1	37	5.66	<13	PASS
			1	74	4.81	<13	PASS
			37	0	5.9	<13	PASS
			37	18	5.9	<13	PASS
			37	38	5.68	<13	PASS
			75	0	6.1	<13	PASS
		MCH	1	0	6.61	<13	PASS
			1	37	6.47	<13	PASS
			1	74	6.82	<13	PASS
			37	0	6.73	<13	PASS
			37	18	6.66	<13	PASS
			37	38	6.75	<13	PASS
			75	0	6.68	<13	PASS
		HCH	1	0	6.9	<13	PASS
			1	37	6.85	<13	PASS
			1	74	6.21	<13	PASS
			37	0	6.79	<13	PASS
			37	18	6.73	<13	PASS
			37	38	6.59	<13	PASS
			75	0	6.72	<13	PASS

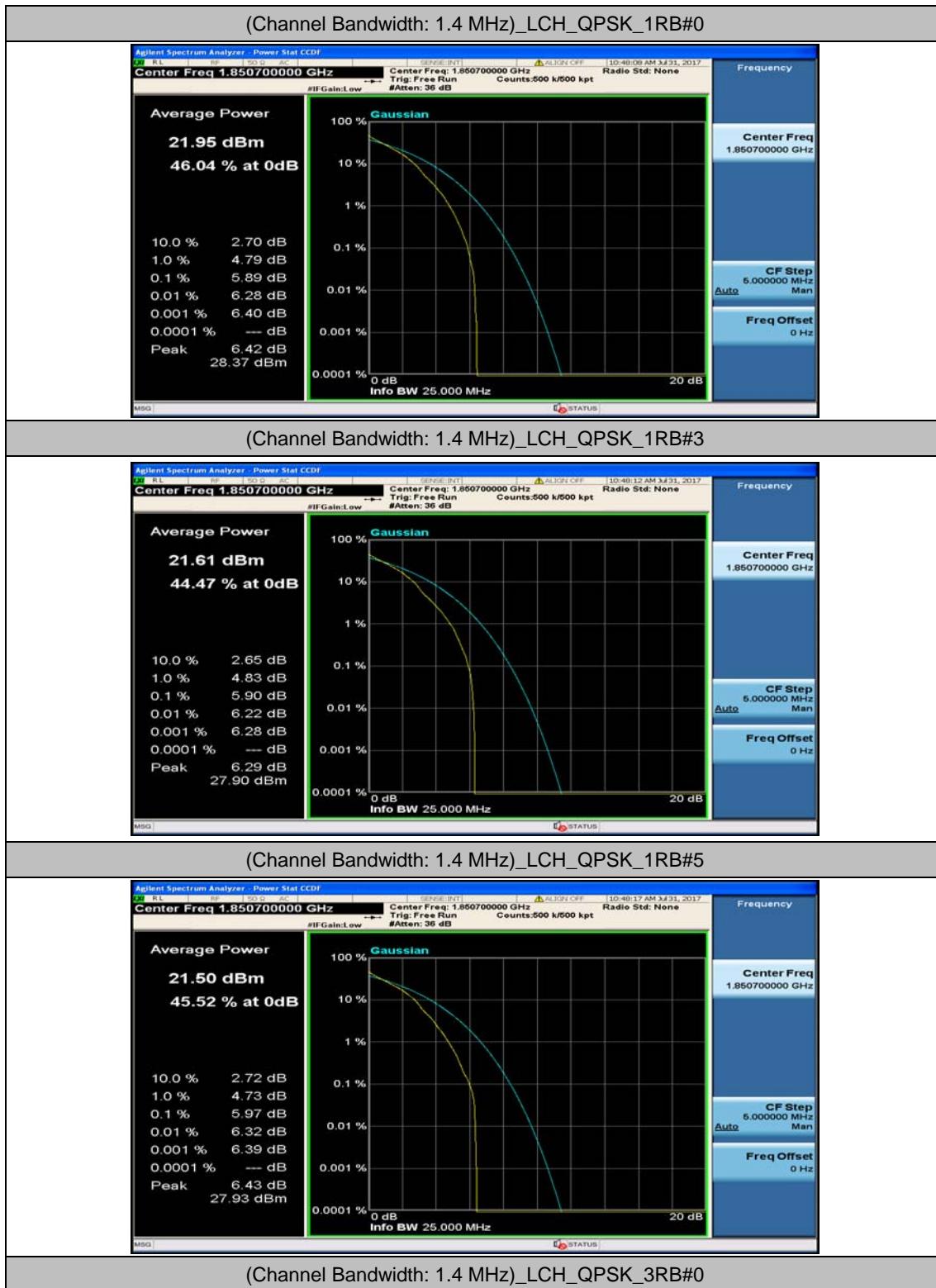
Channel Bandwidth: 20 MHz

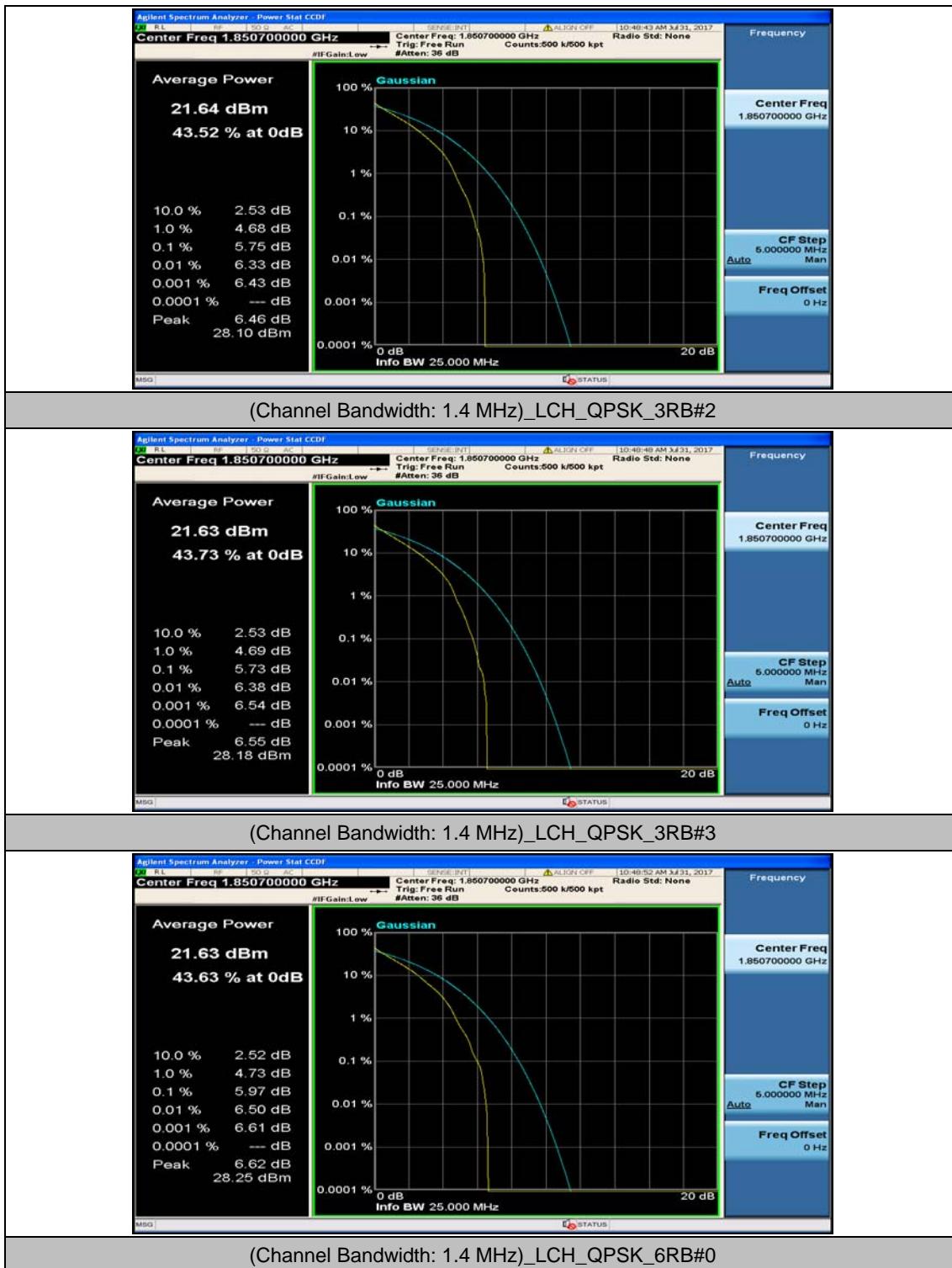
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	5.62	<13	PASS
		1	49	5.55	<13	PASS

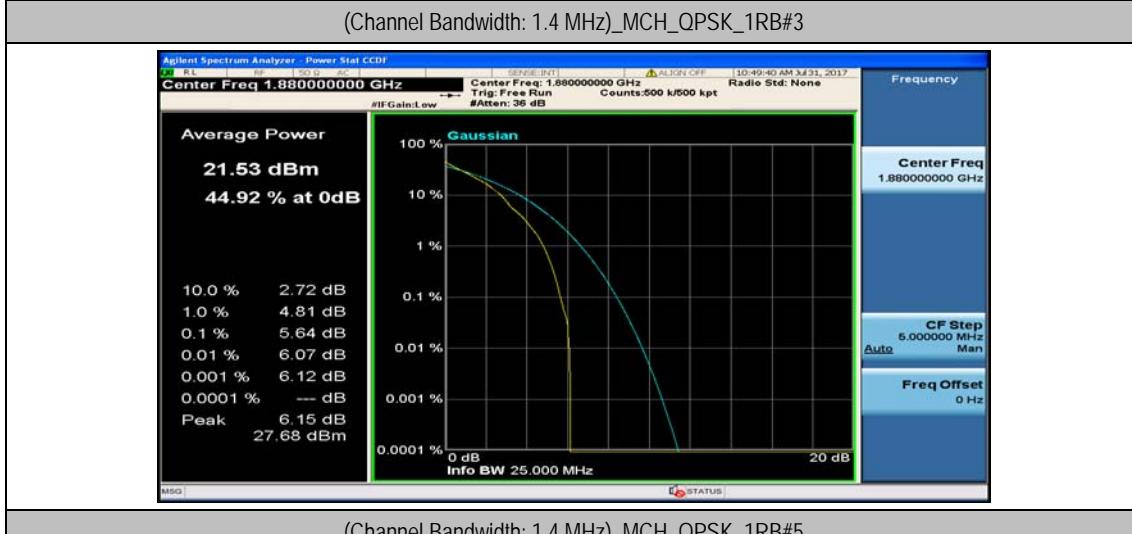
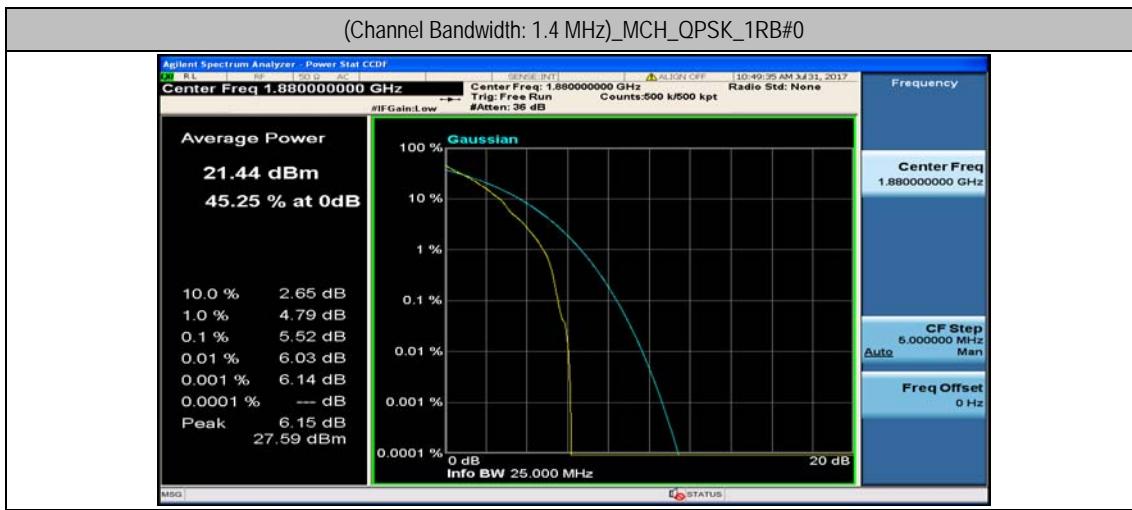
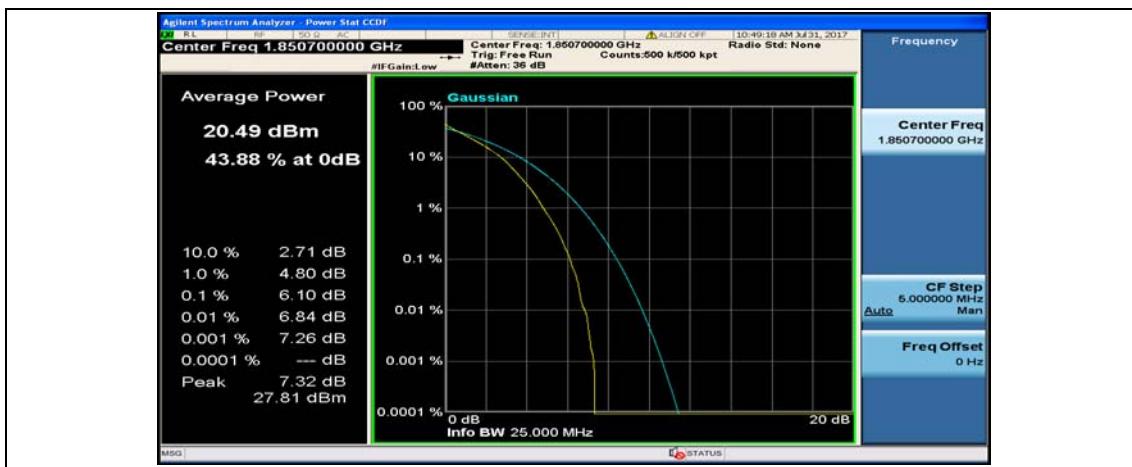
		1	99	5.75	<13	PASS
		50	0	5.88	<13	PASS
		50	25	5.87	<13	PASS
		50	50	5.88	<13	PASS
		100	0	5.84	<13	PASS
	MCH	1	0	6.02	<13	PASS
		1	49	5.59	<13	PASS
		1	99	5.27	<13	PASS
		50	0	6	<13	PASS
		50	25	5.91	<13	PASS
		50	50	5.76	<13	PASS
		100	0	5.85	<13	PASS
	HCH	1	0	5.28	<13	PASS
		1	49	5.73	<13	PASS
		1	99	4.94	<13	PASS
		50	0	5.83	<13	PASS
		50	25	5.97	<13	PASS
		50	50	5.8	<13	PASS
		100	0	5.89	<13	PASS
	LCH	1	0	6.83	<13	PASS
		1	49	6.83	<13	PASS
		1	99	6.81	<13	PASS
		50	0	6.68	<13	PASS
		50	25	6.67	<13	PASS
		50	50	6.69	<13	PASS
		100	0	6.59	<13	PASS
	MCH	1	0	6.93	<13	PASS
		1	49	6.71	<13	PASS
		1	99	5.79	<13	PASS
		50	0	6.82	<13	PASS
		50	25	6.69	<13	PASS
		50	50	6.56	<13	PASS
		100	0	6.63	<13	PASS
	HCH	1	0	5.96	<13	PASS
		1	49	6.37	<13	PASS
		1	99	5.68	<13	PASS
		50	0	6.53	<13	PASS
		50	25	6.75	<13	PASS
		50	50	6.74	<13	PASS
		100	0	6.63	<13	PASS

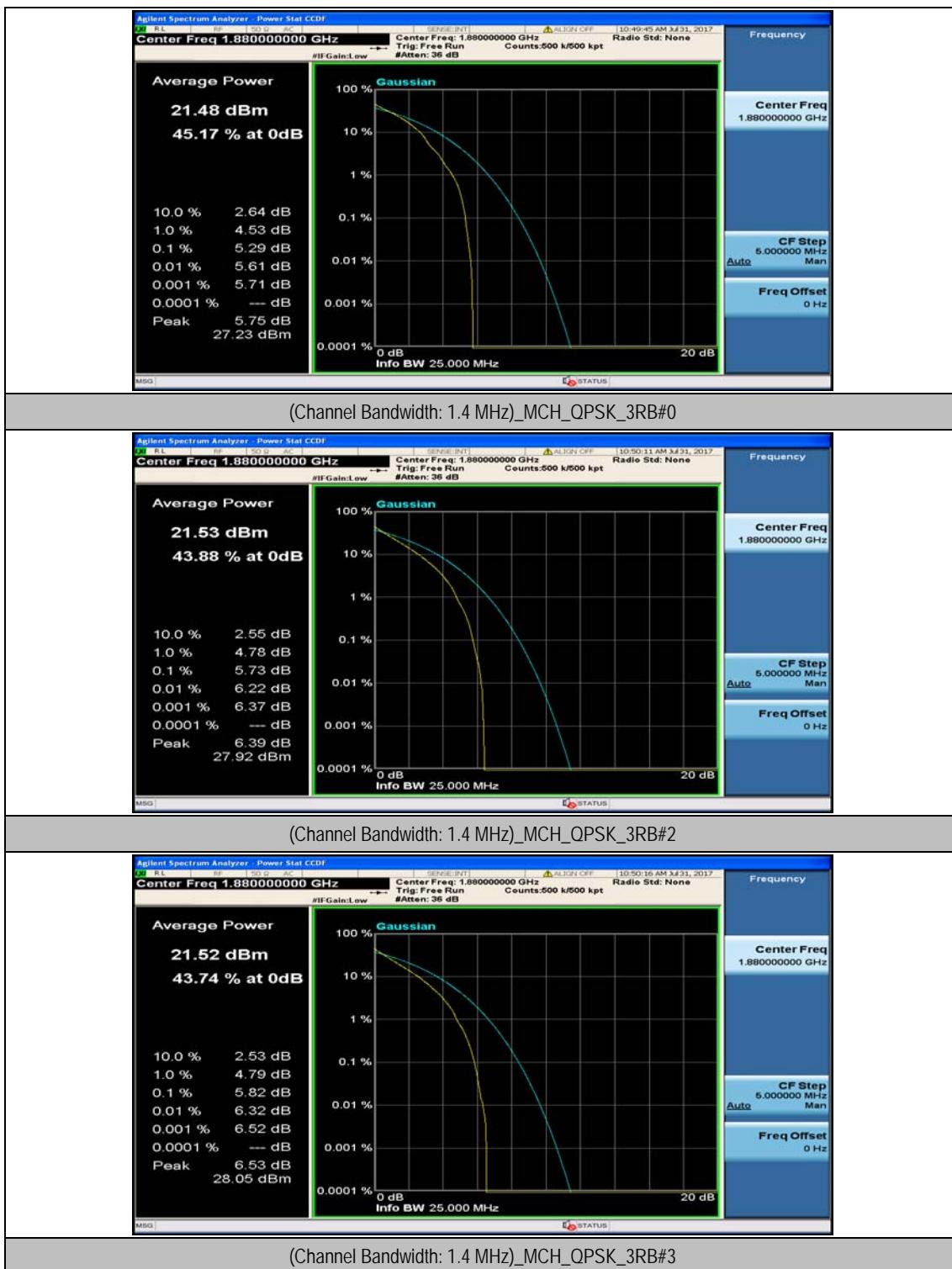
Test Graphs

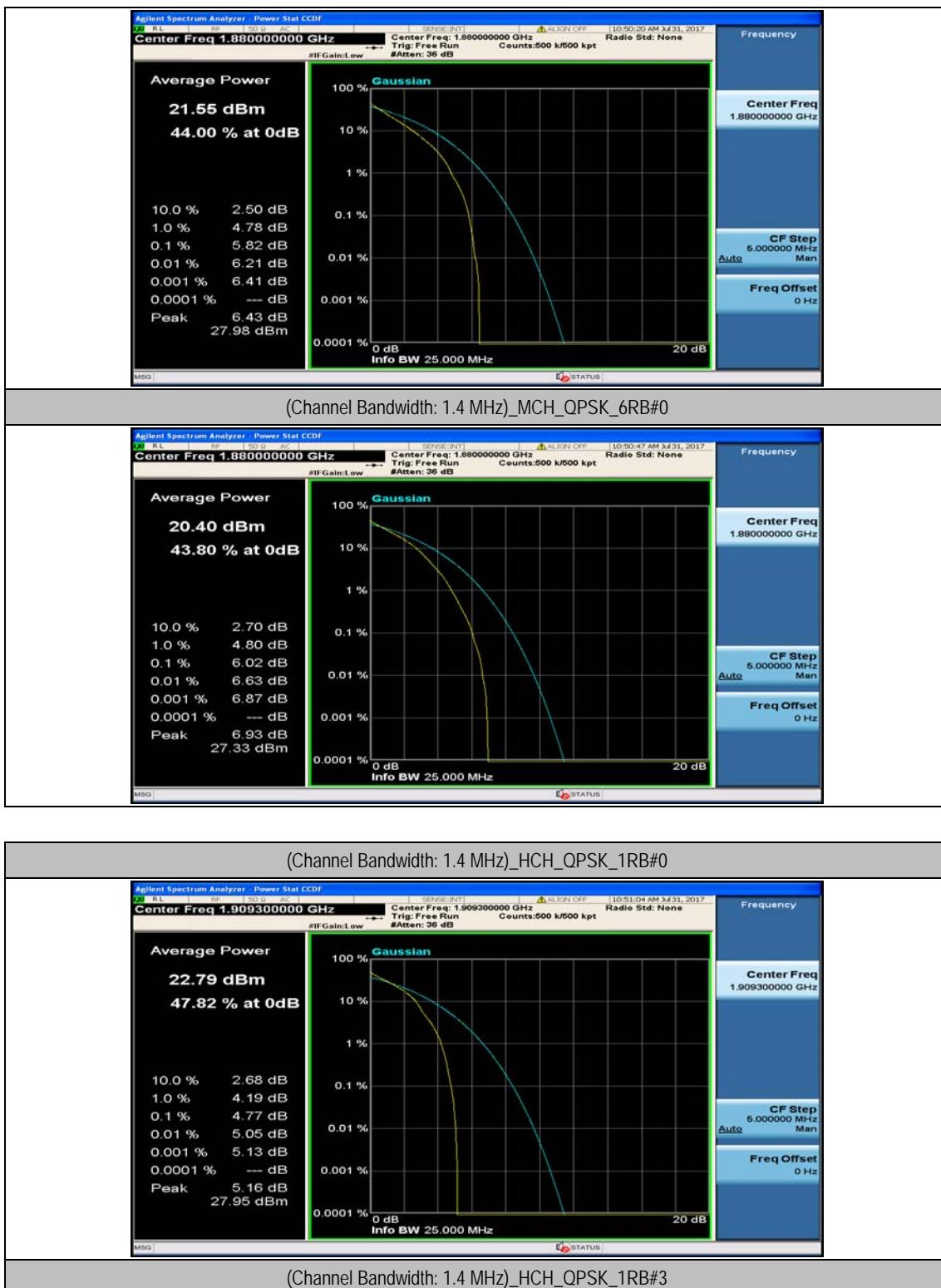
Channel Bandwidth: 1.4 MHz

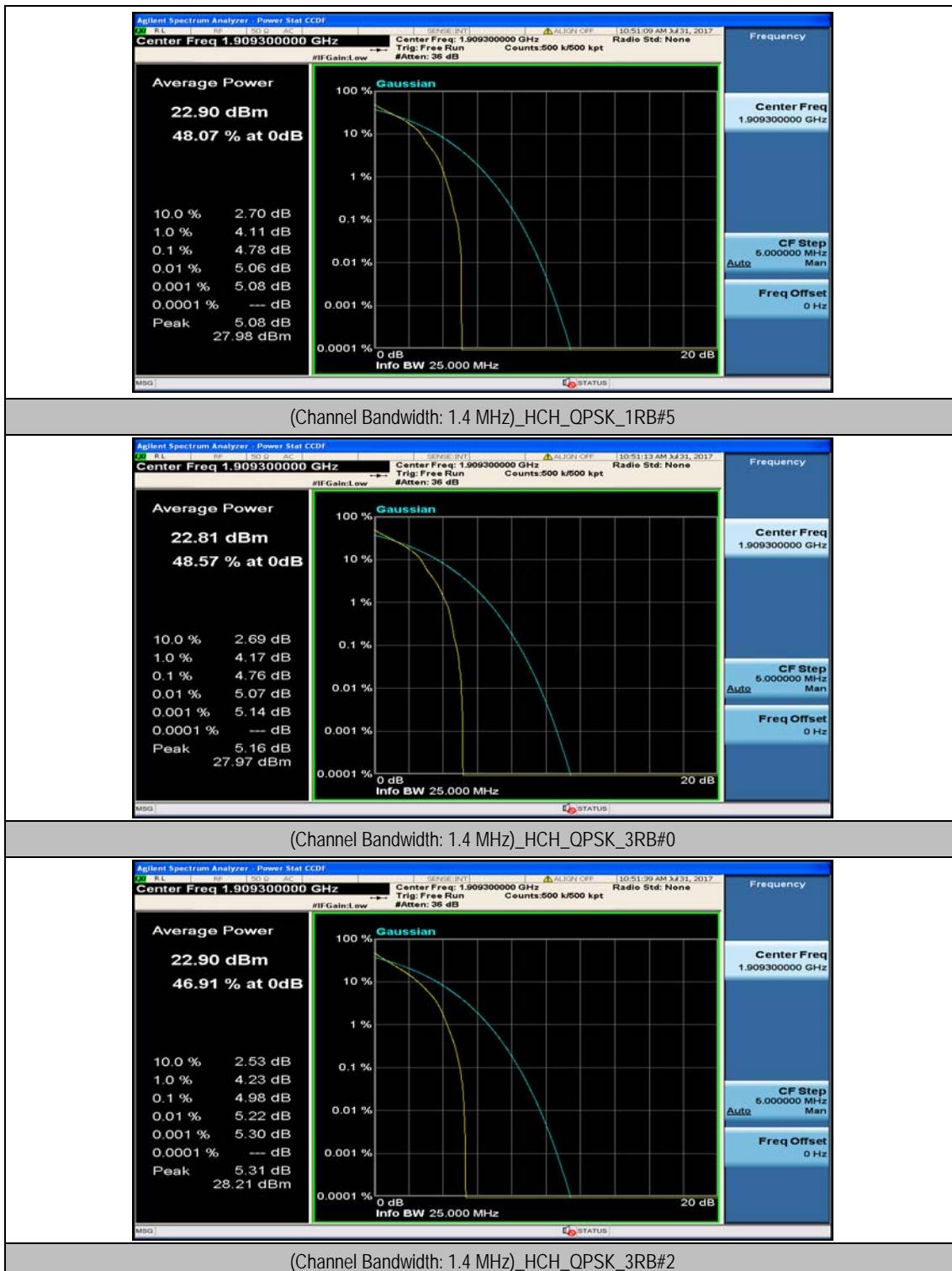


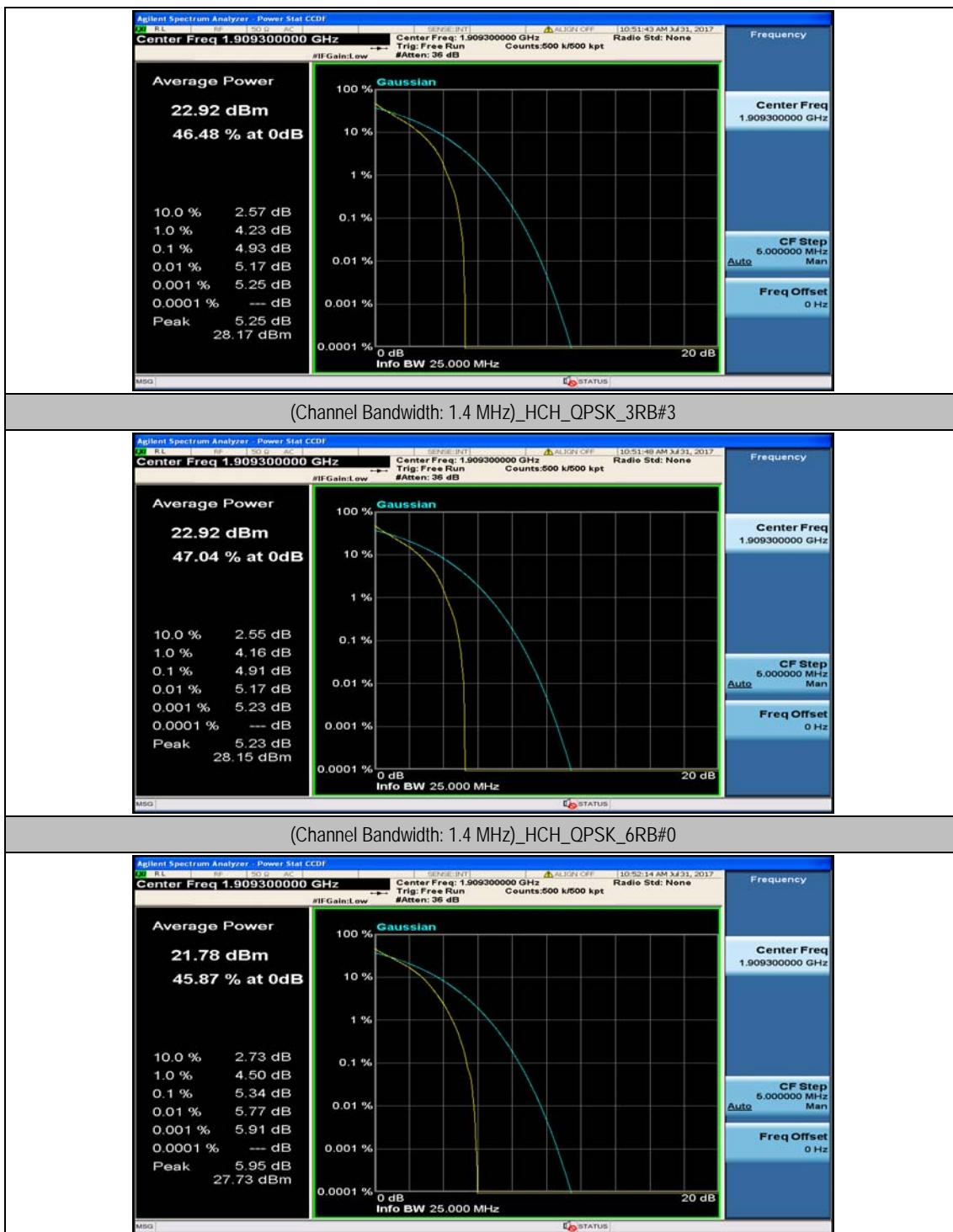


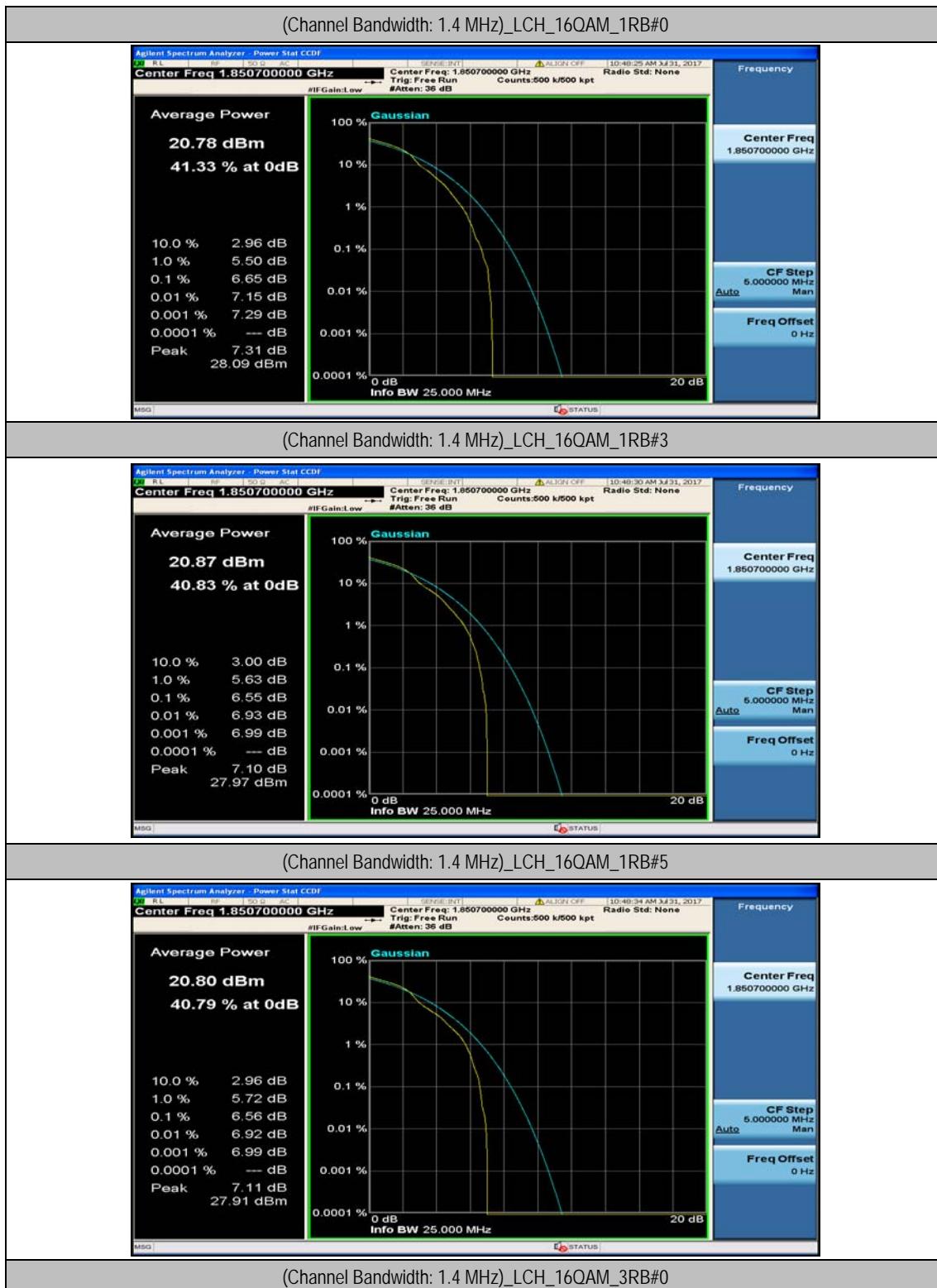


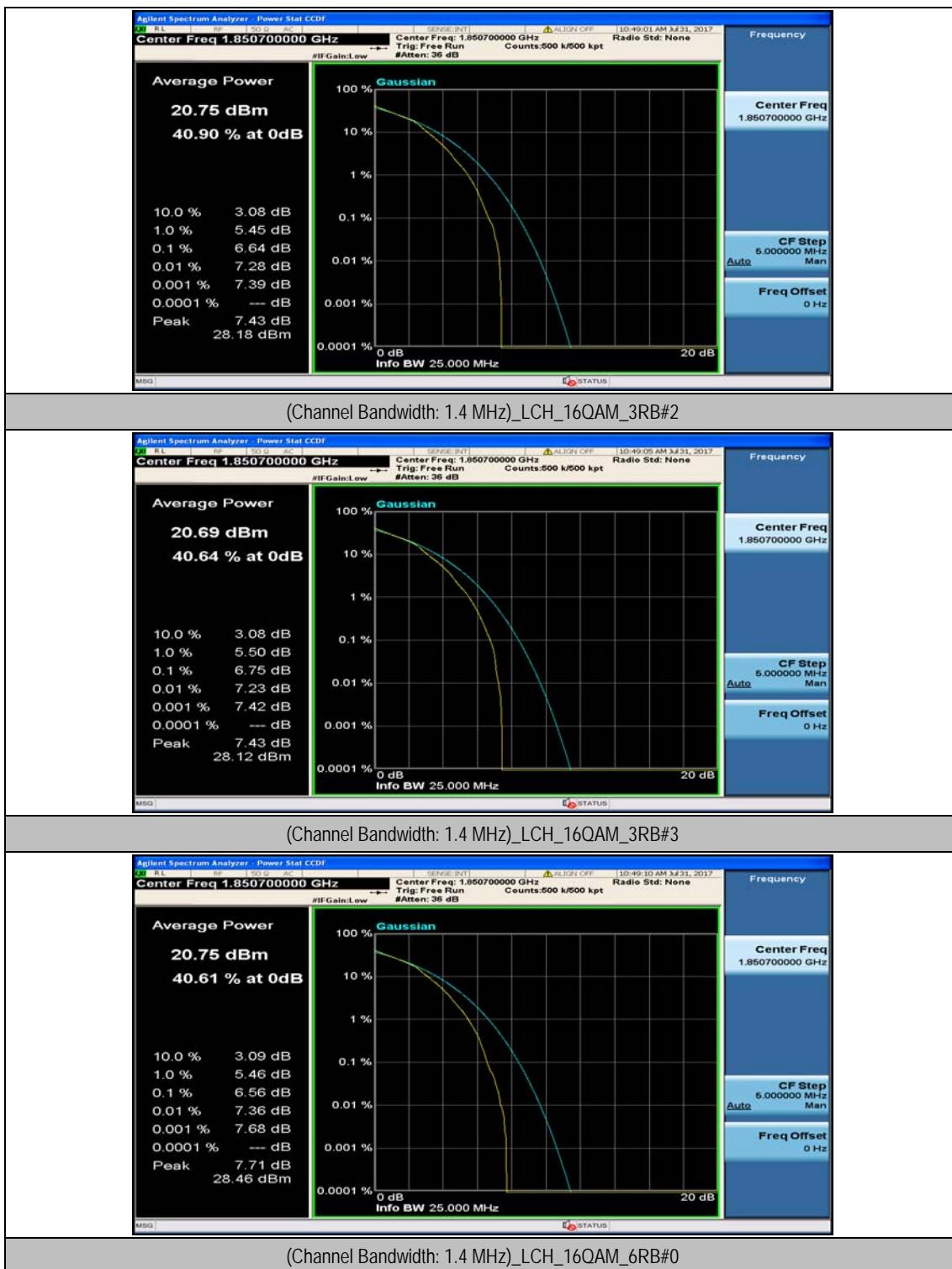


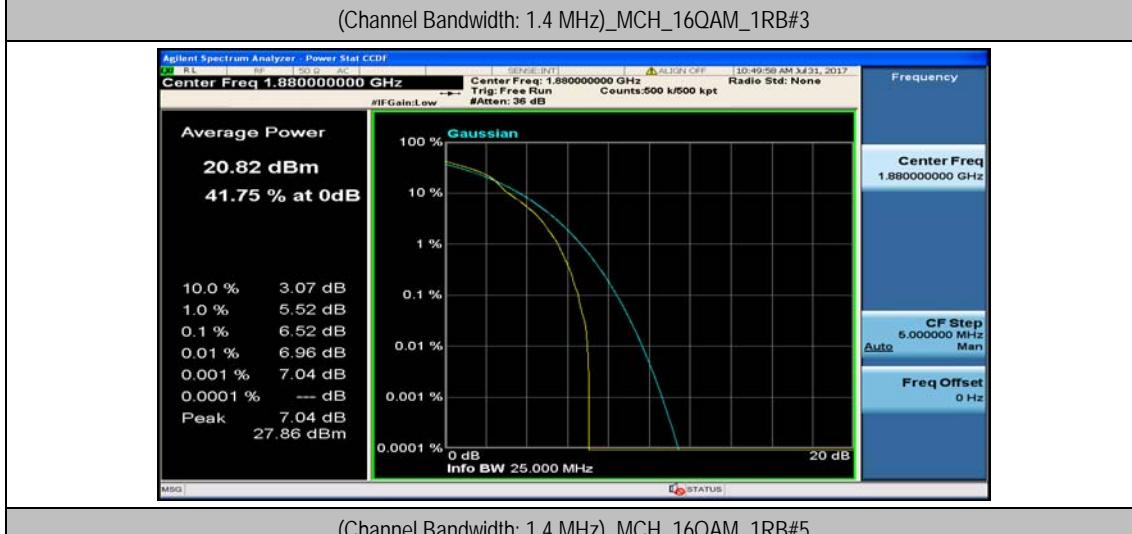
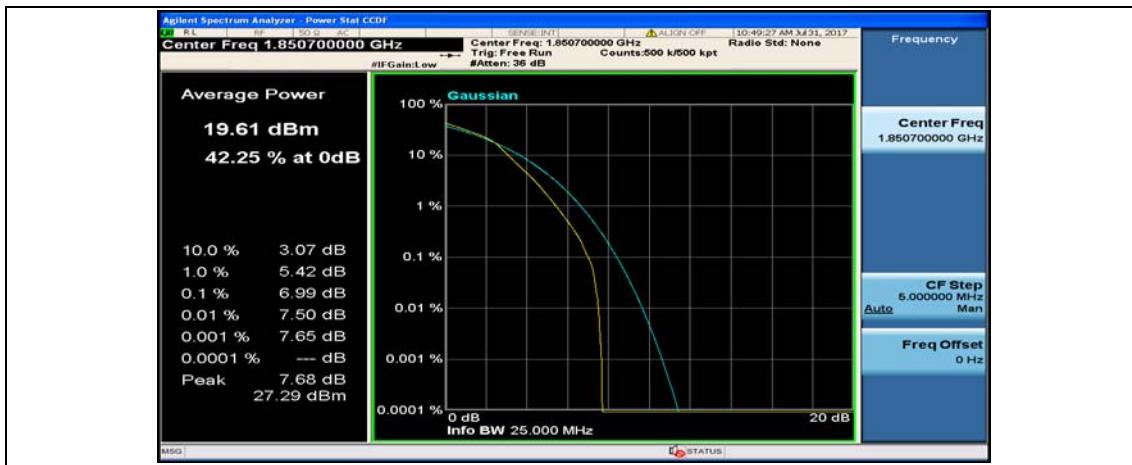


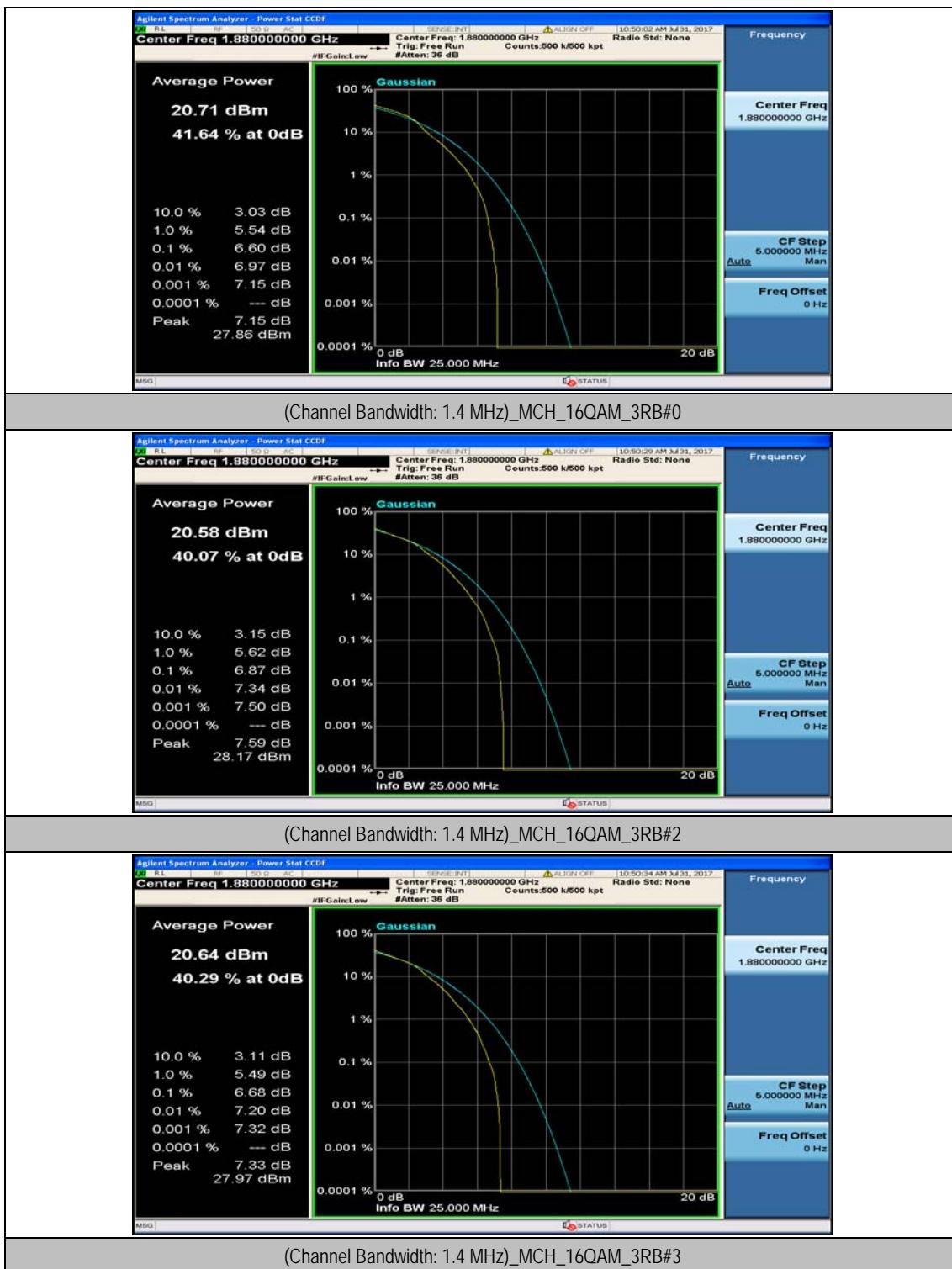


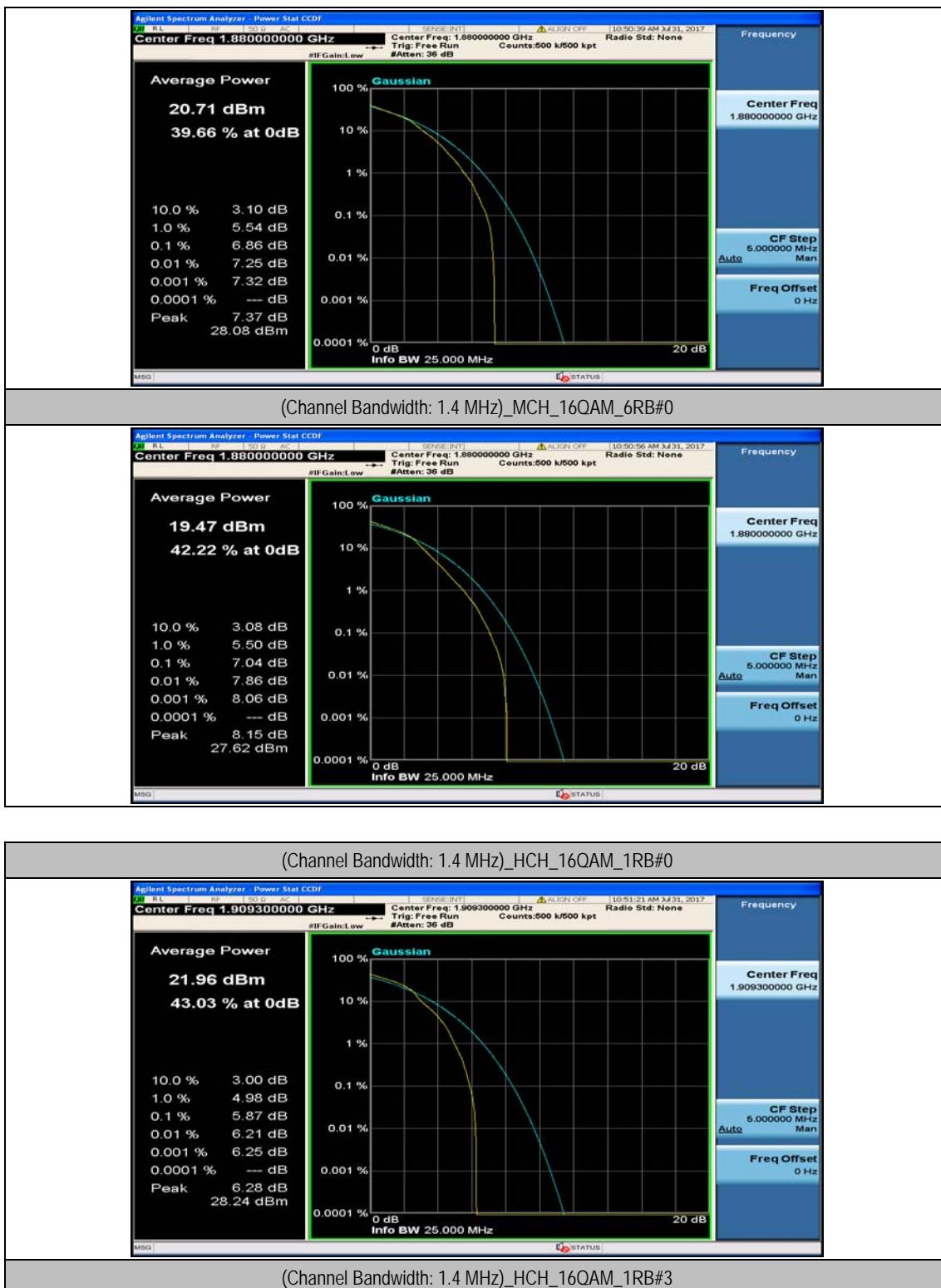


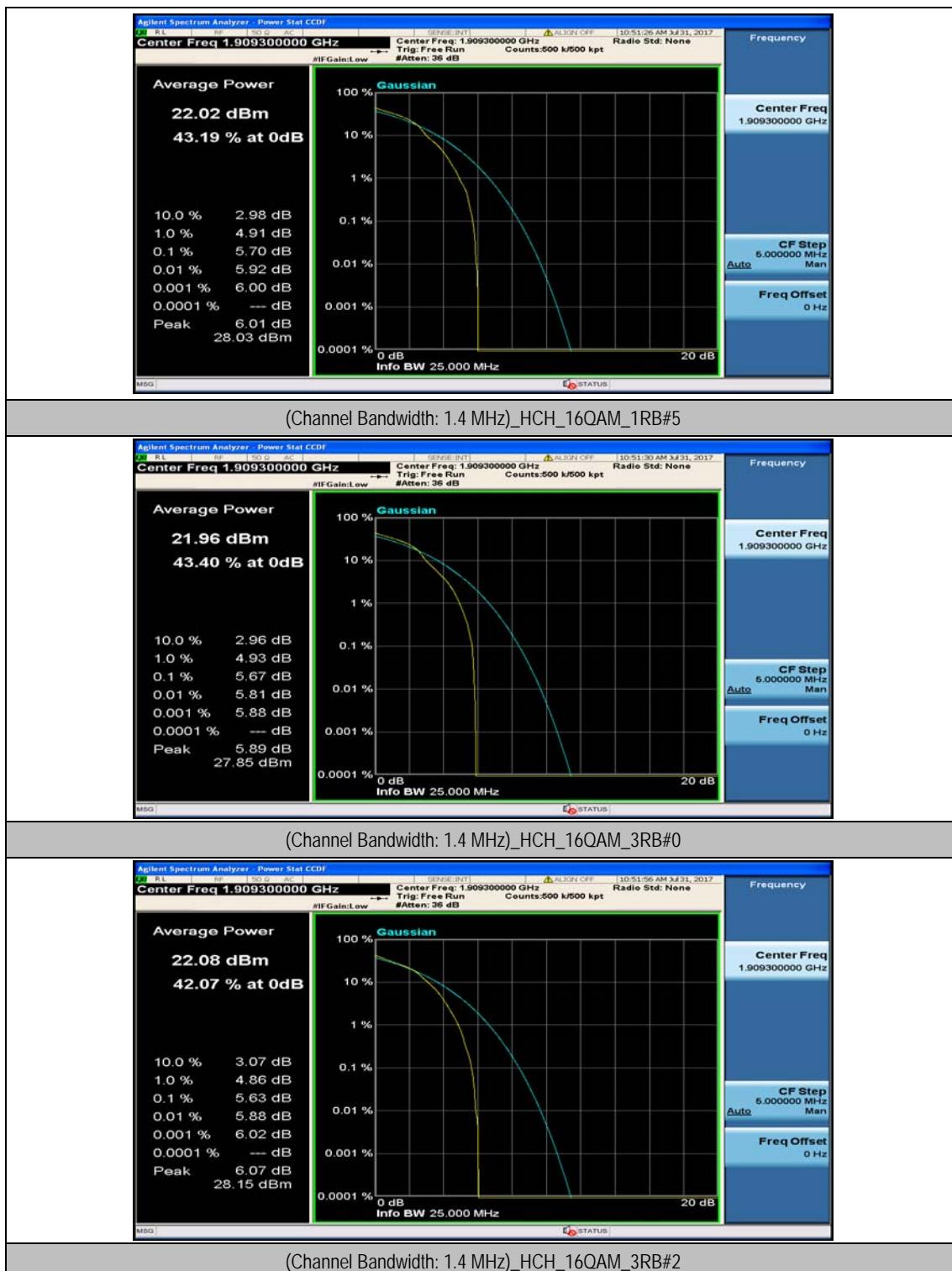


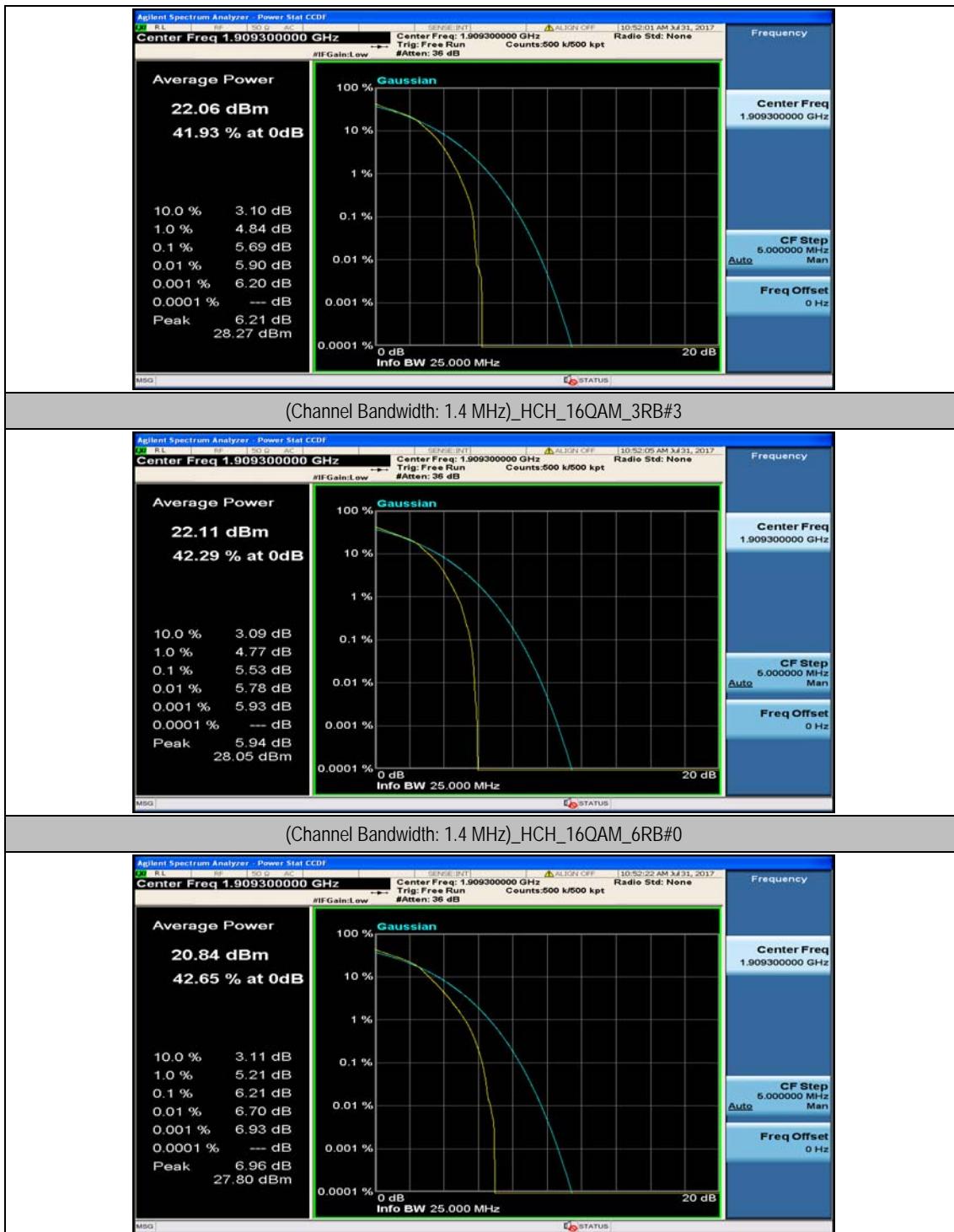






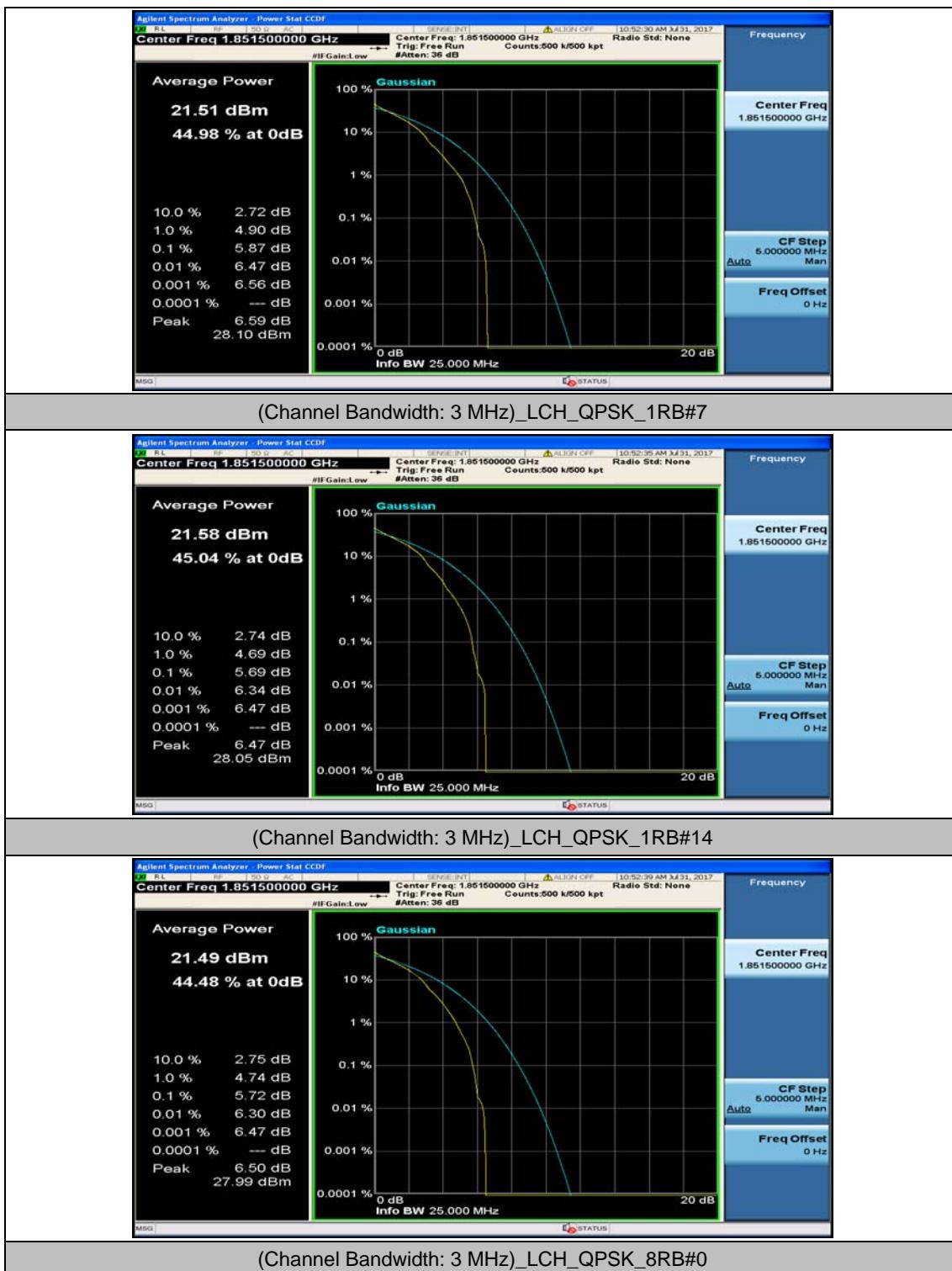


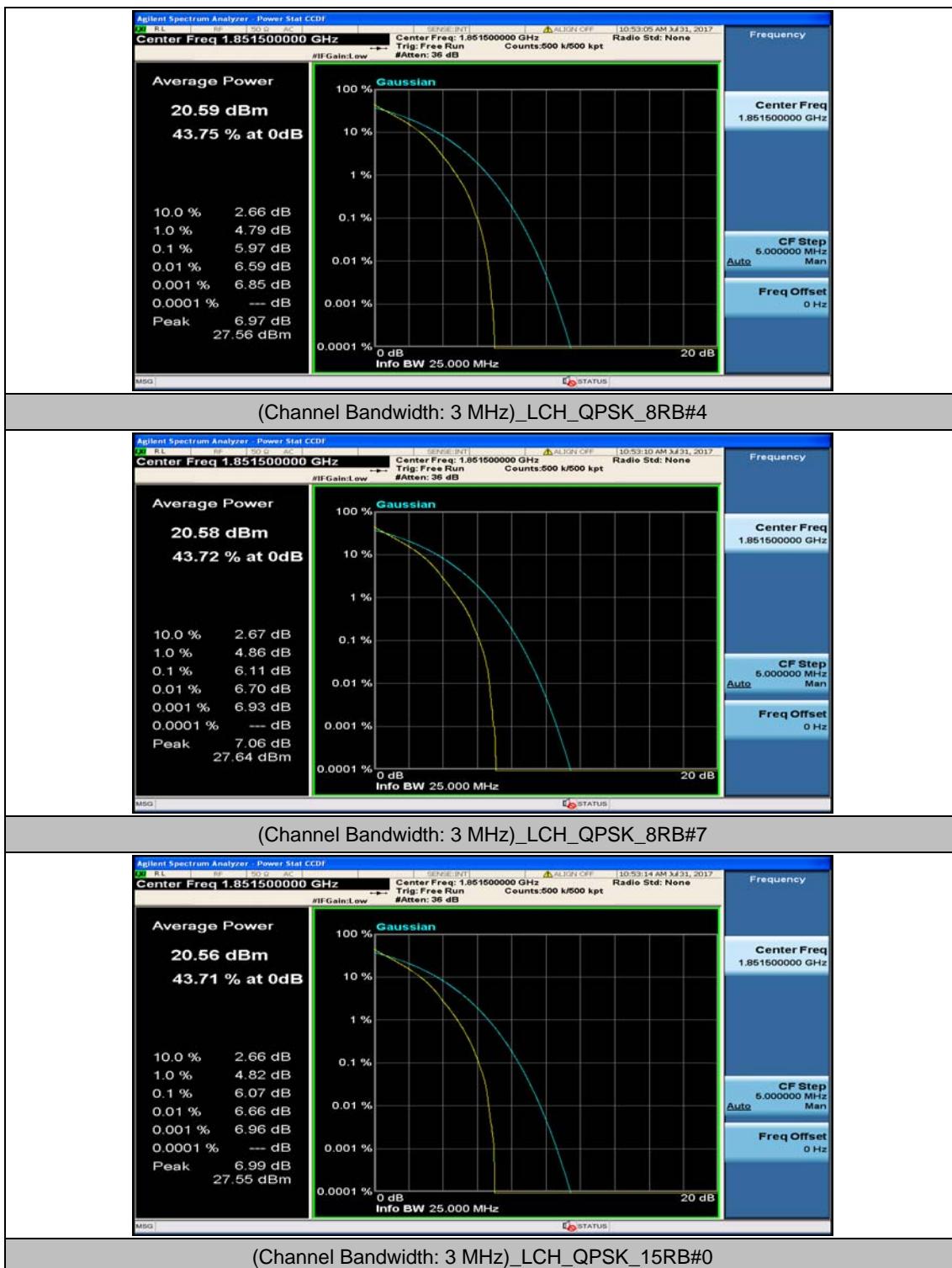


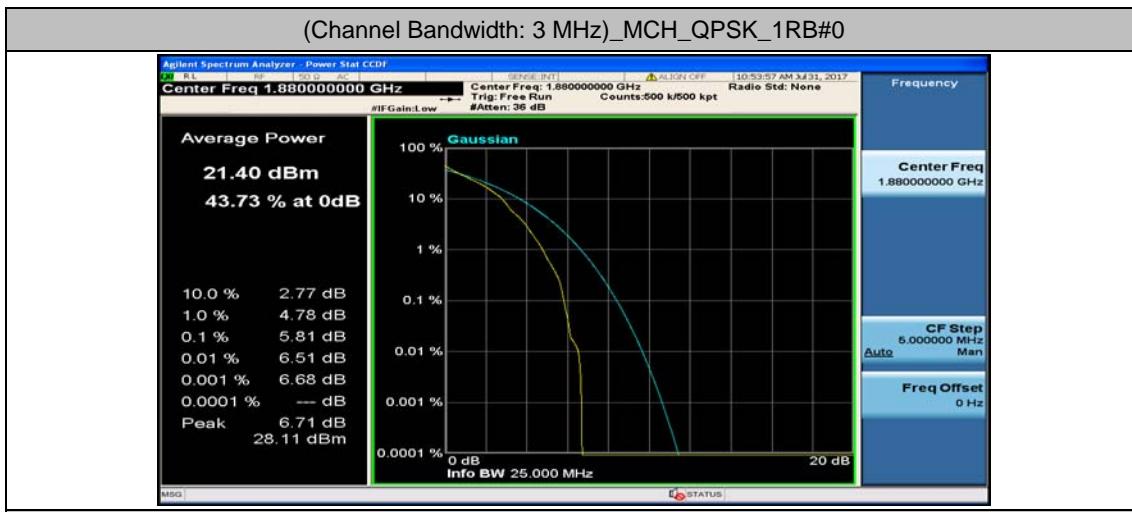
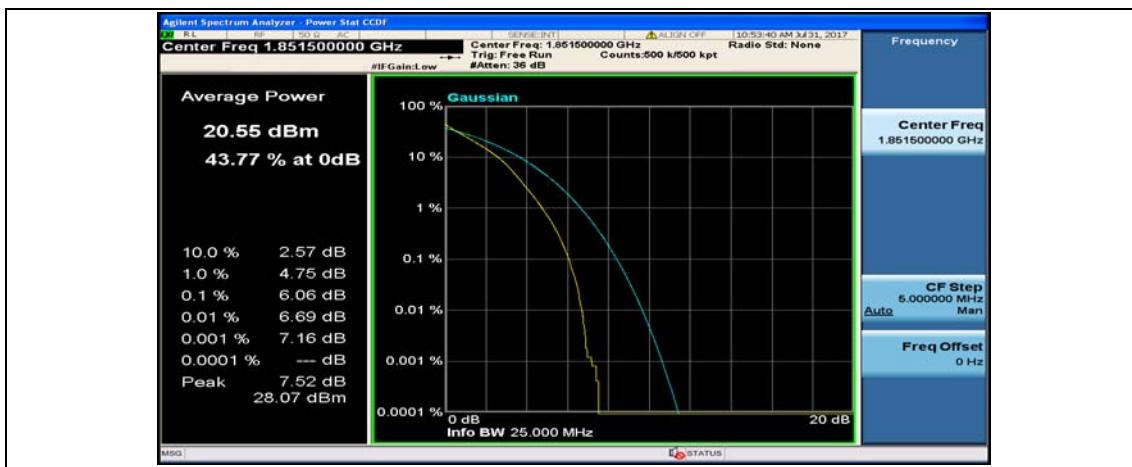


Channel Bandwidth: 3 MHz

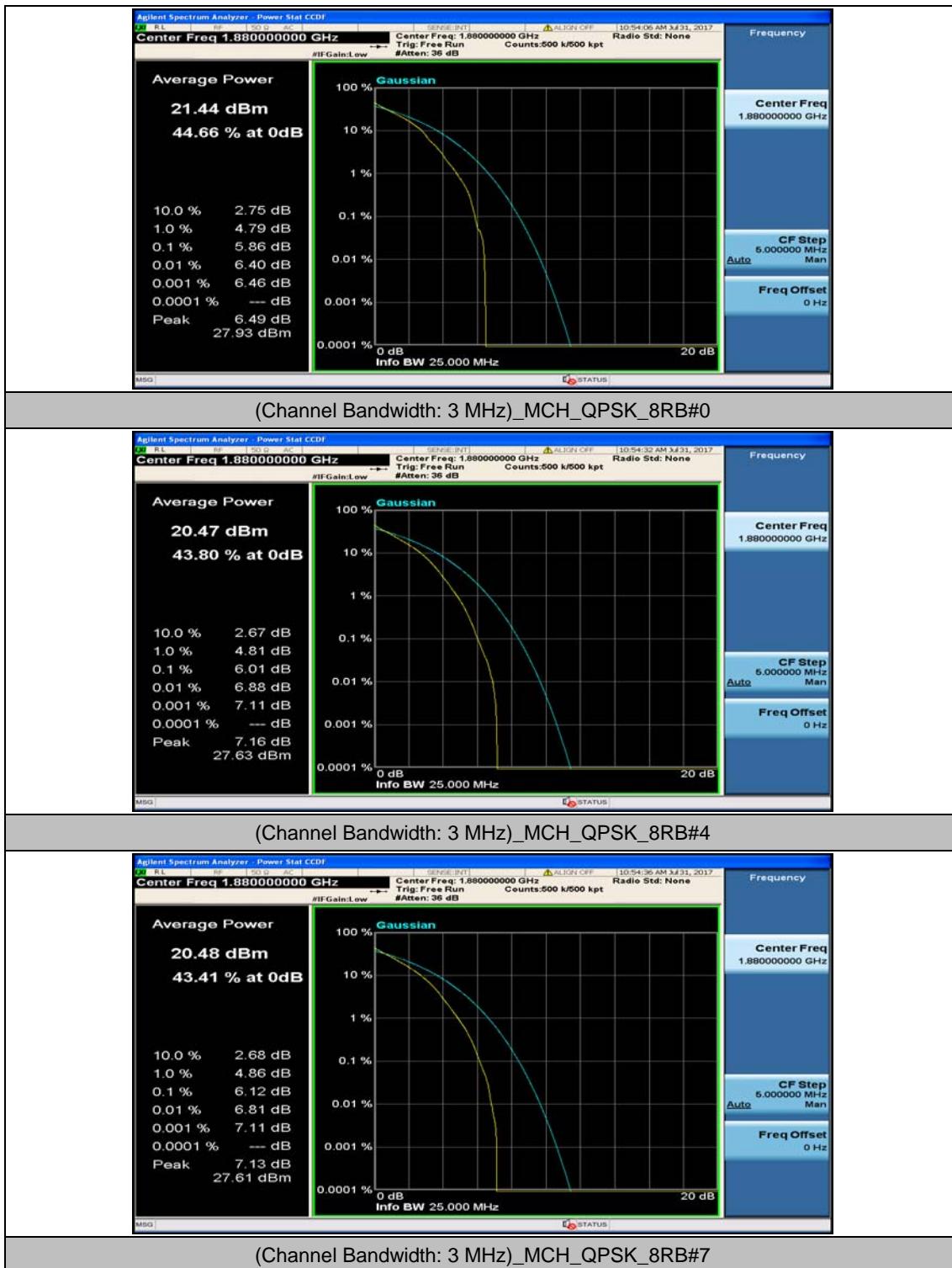
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0

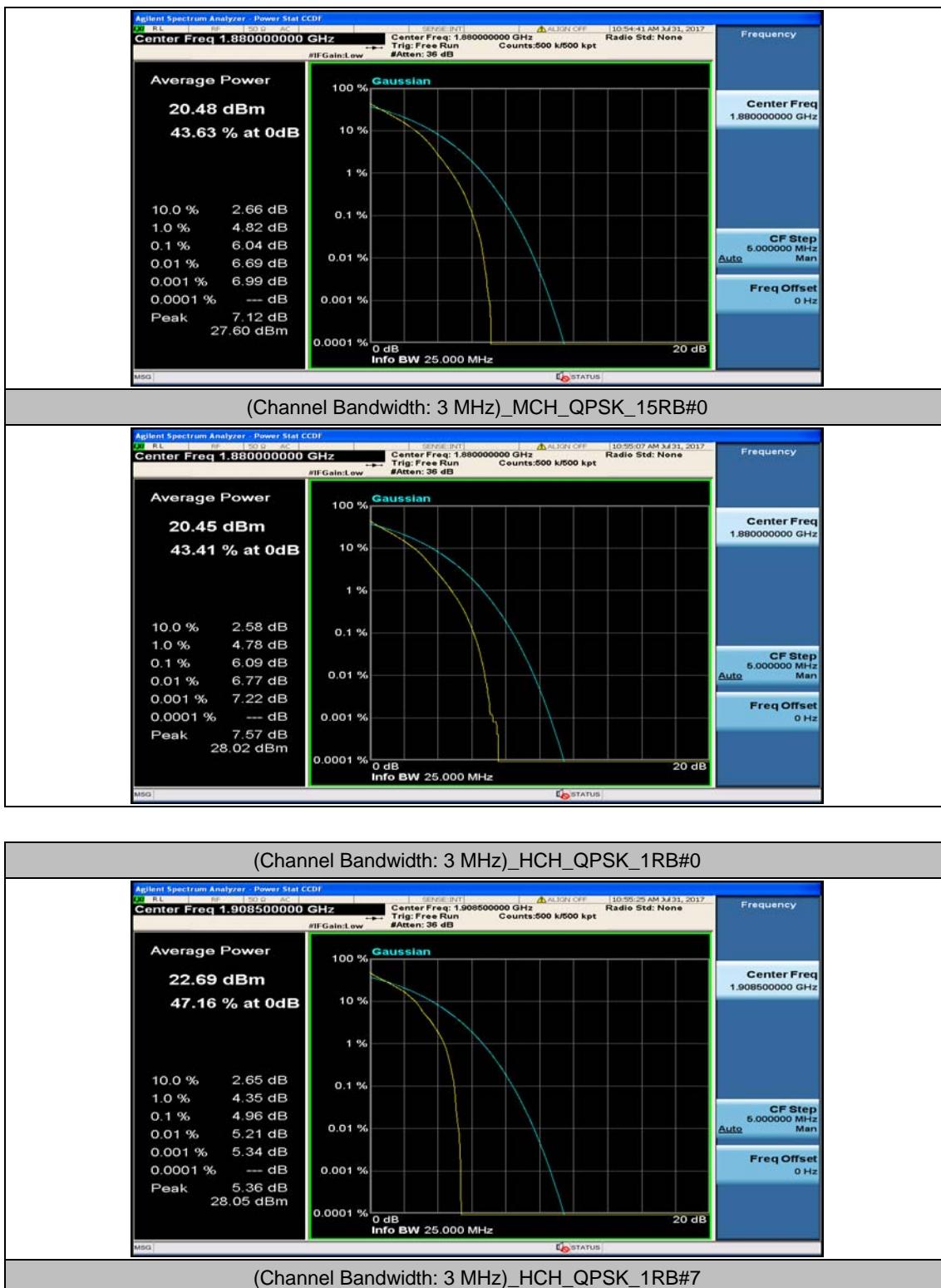


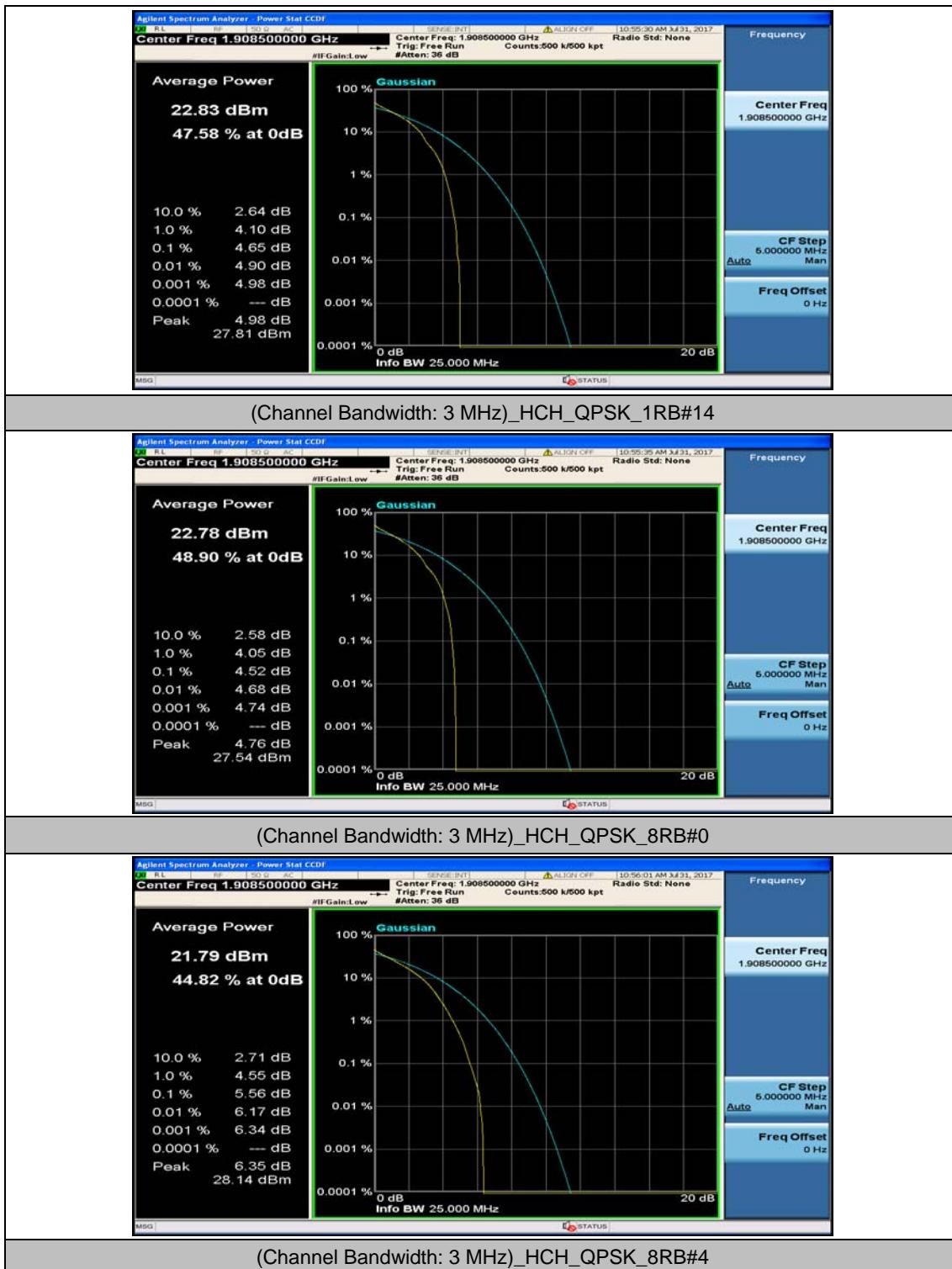


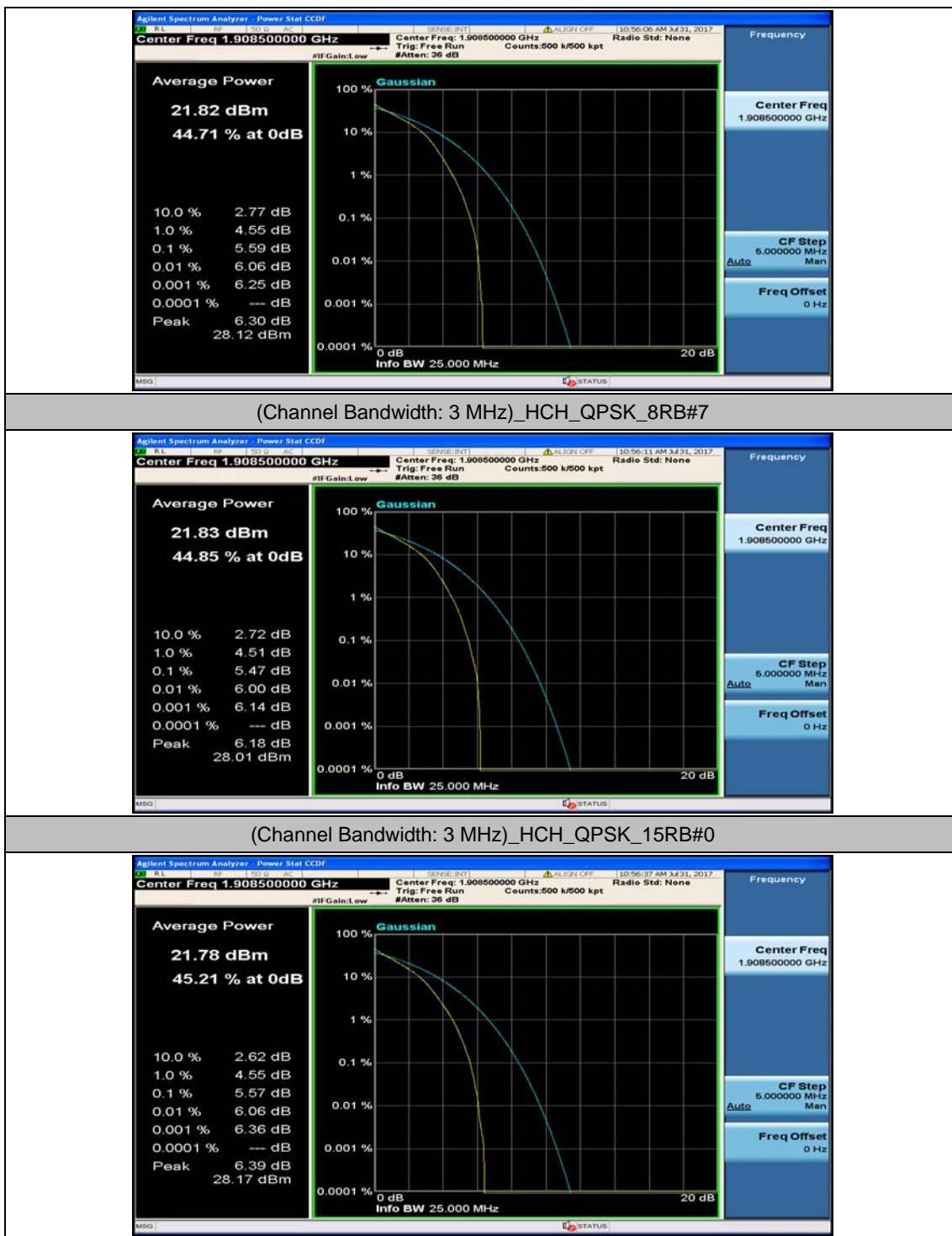


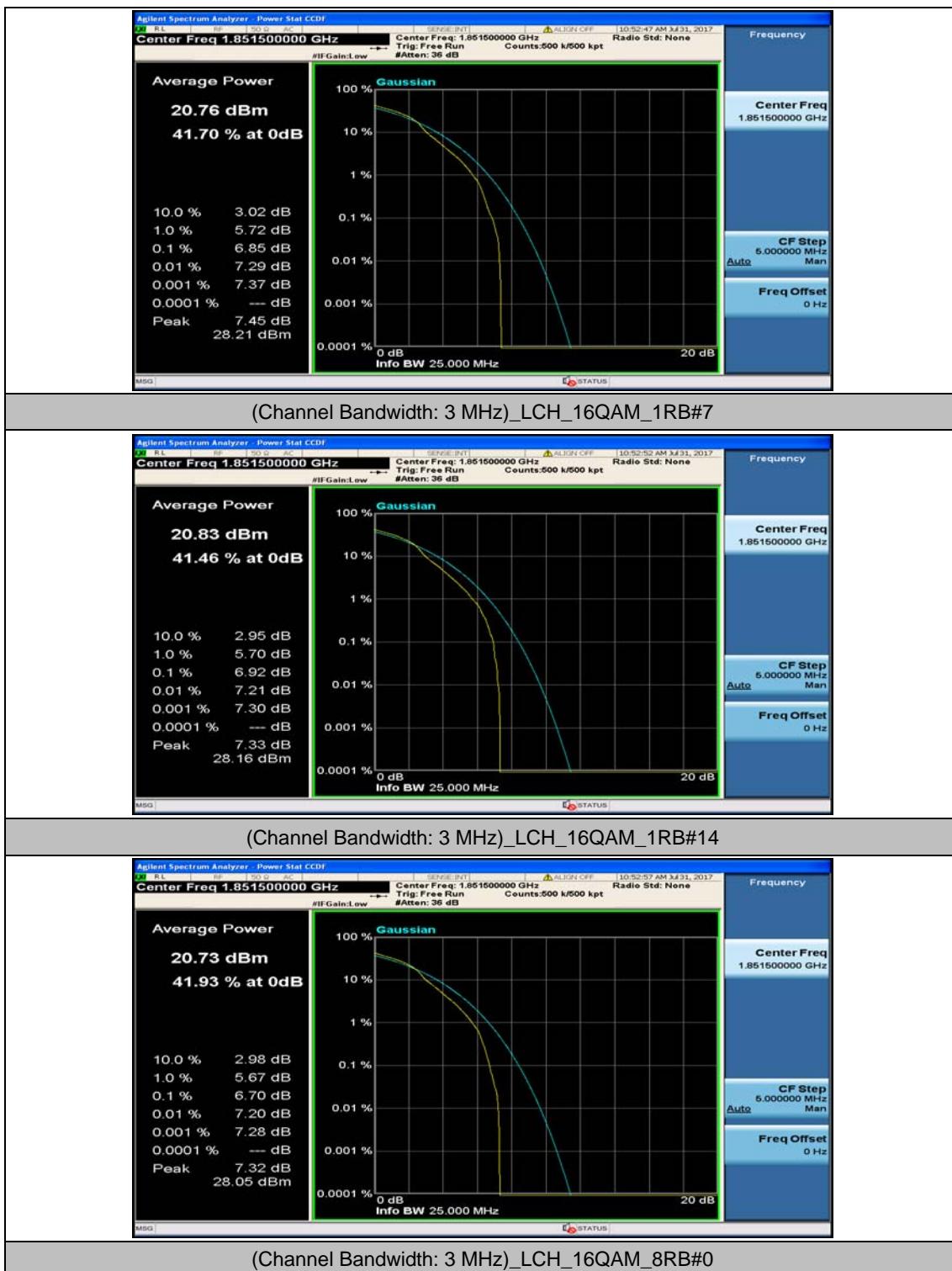
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14

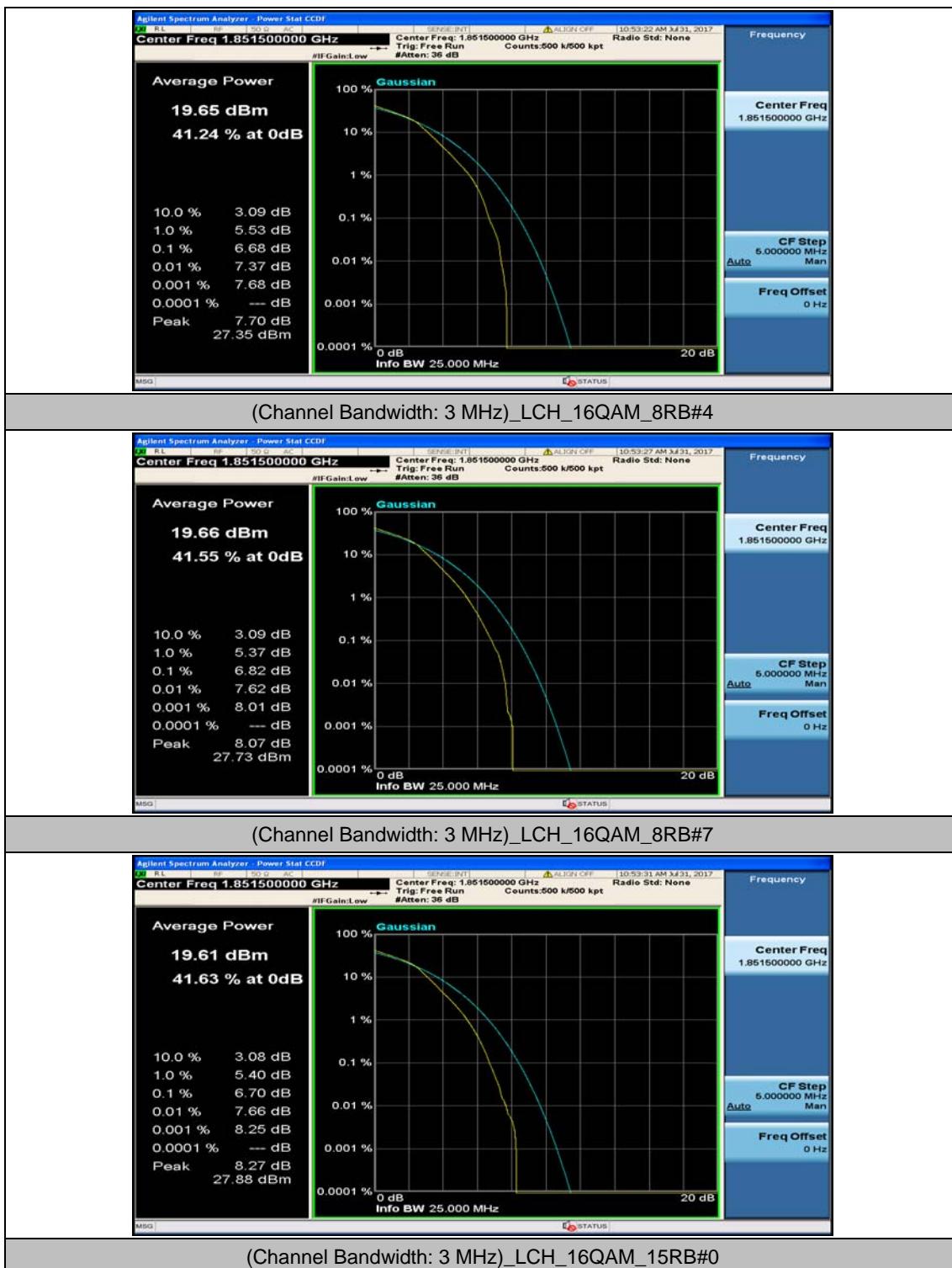


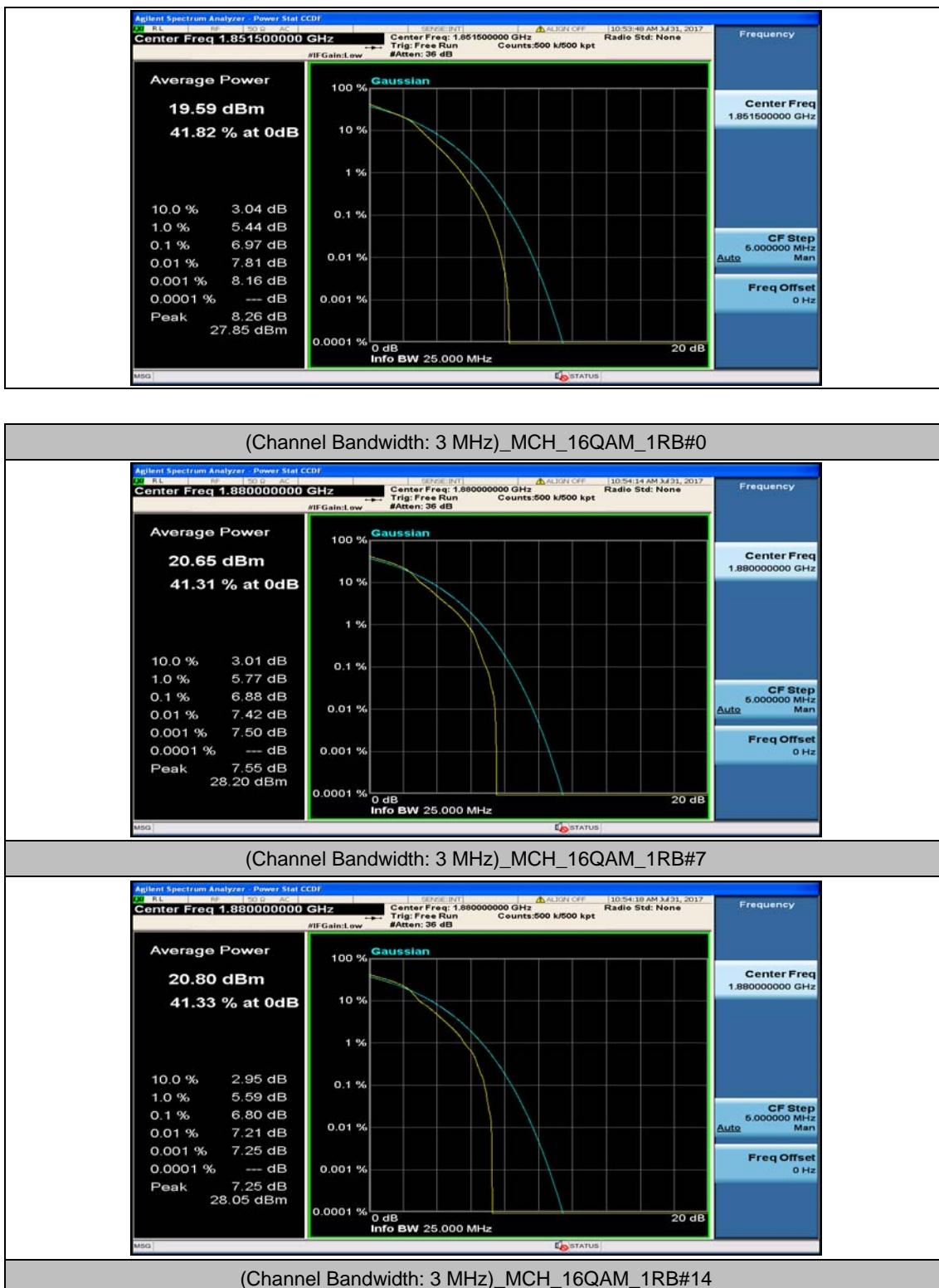


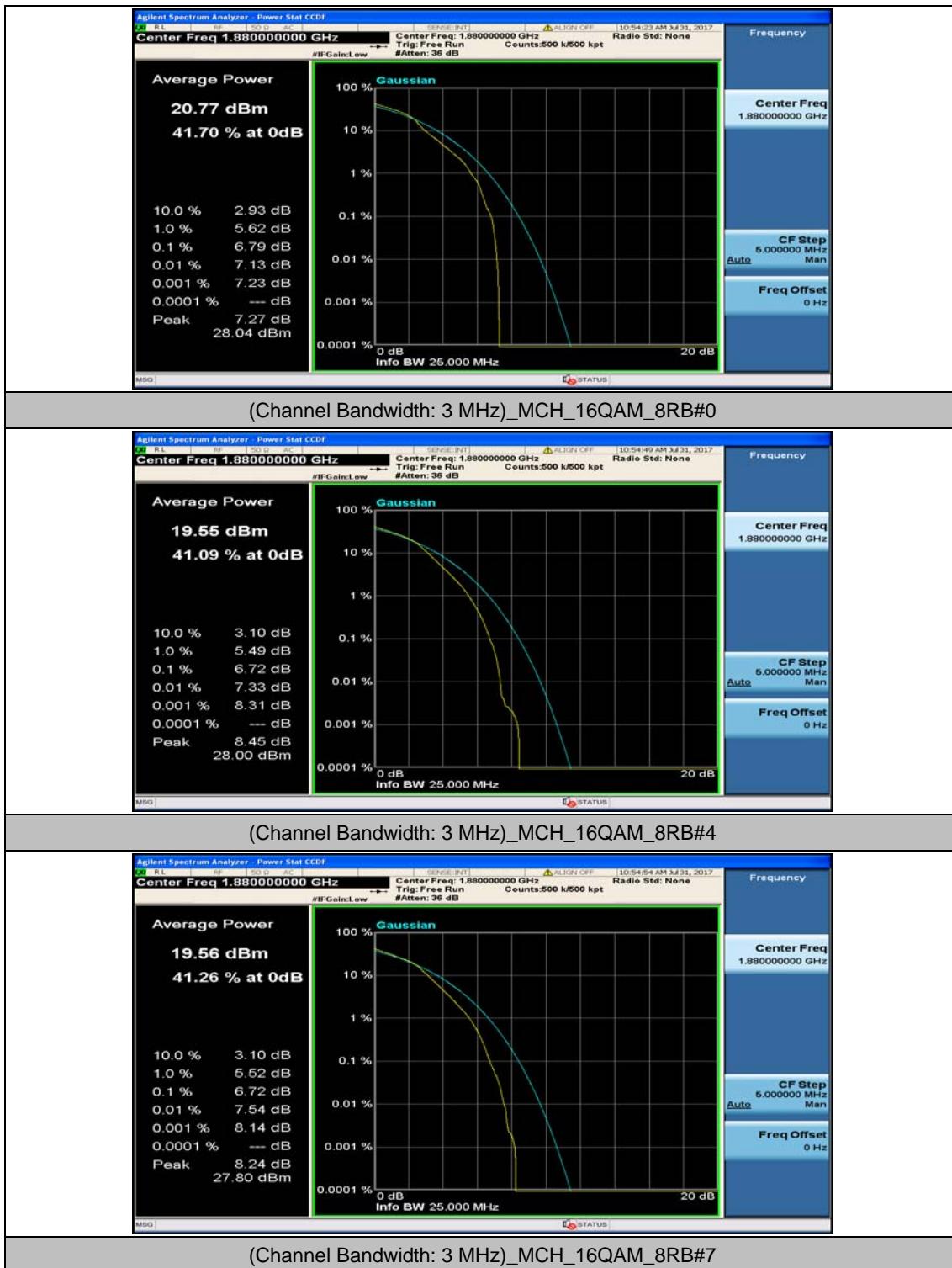


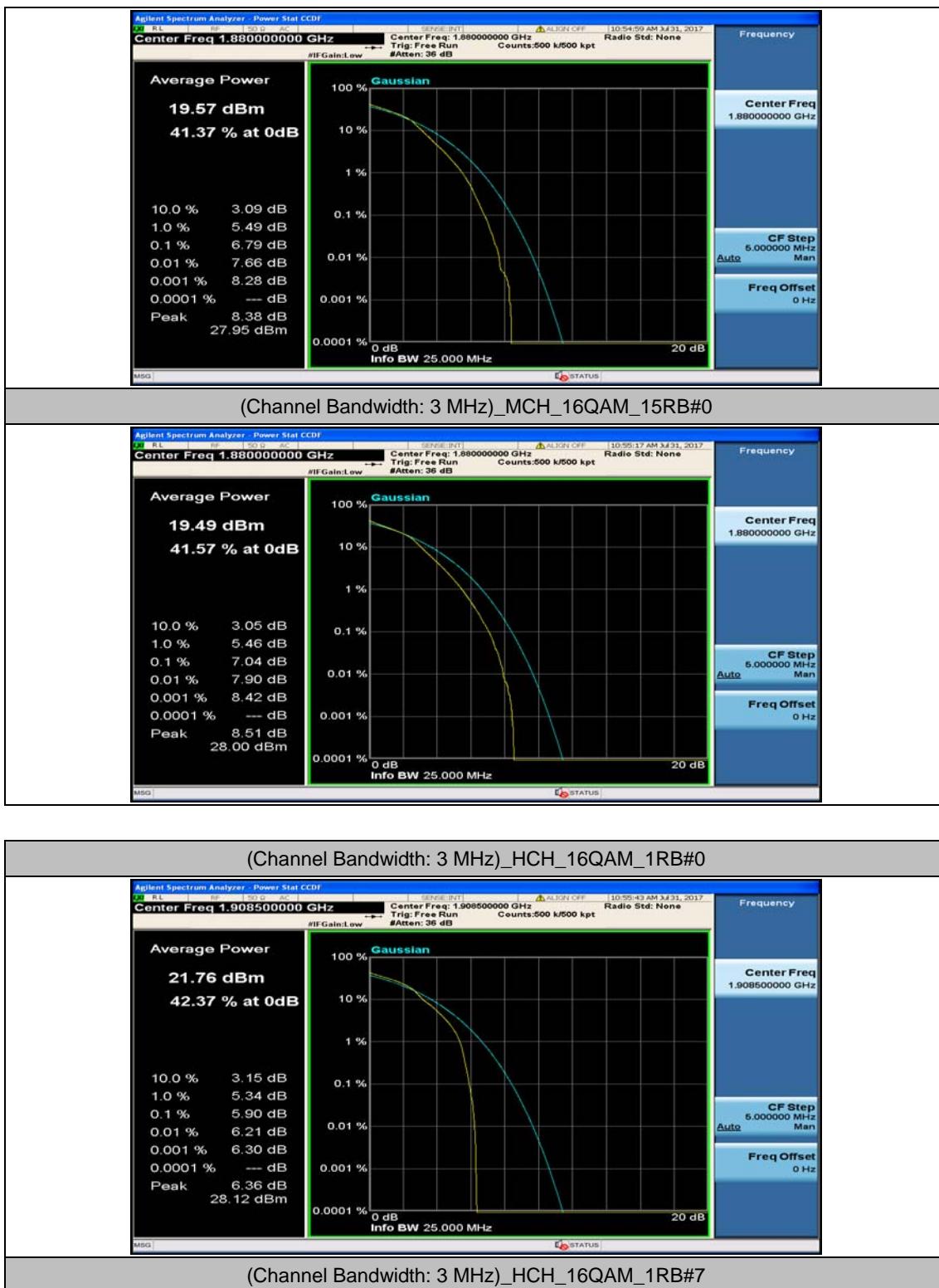


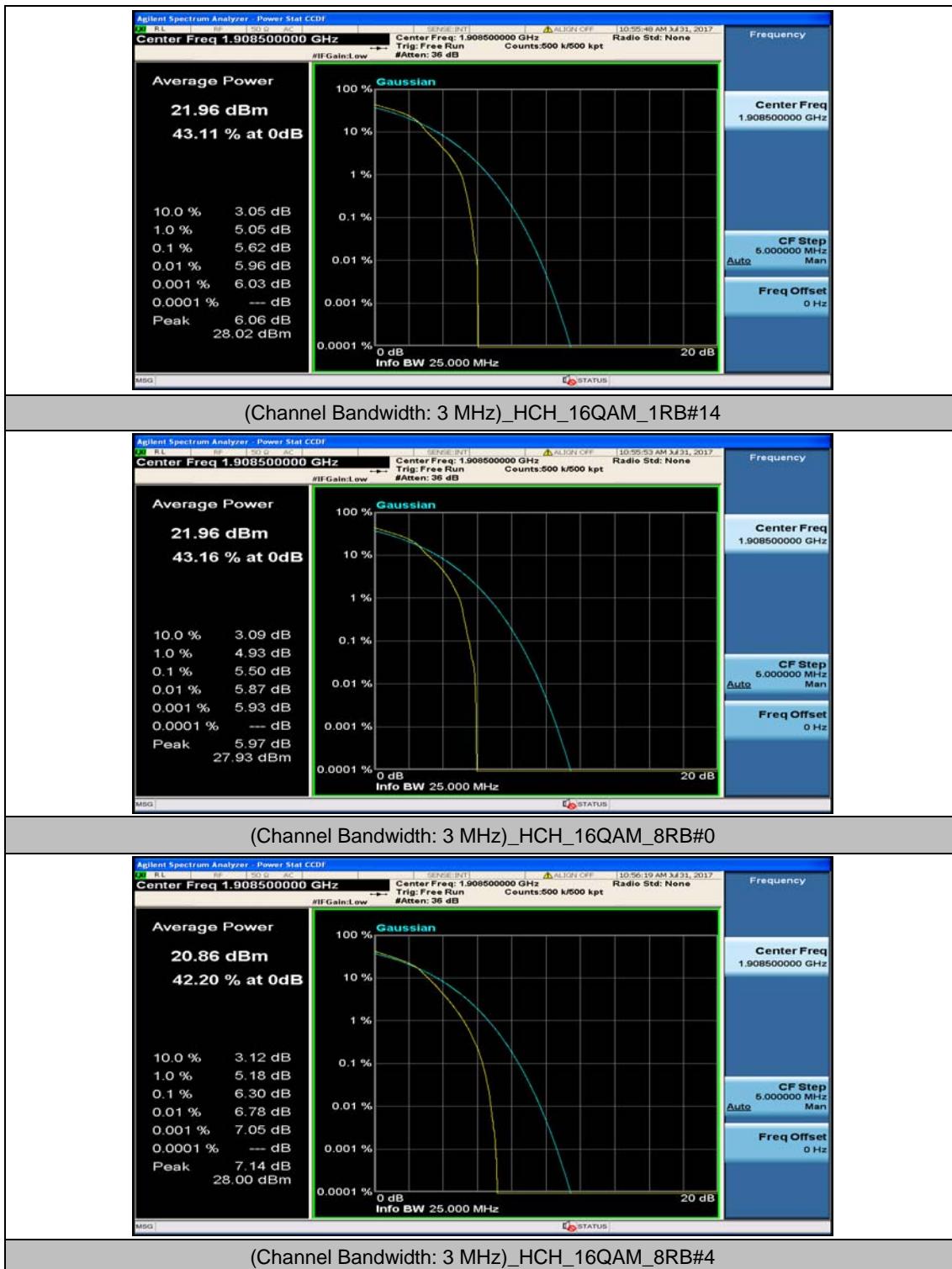


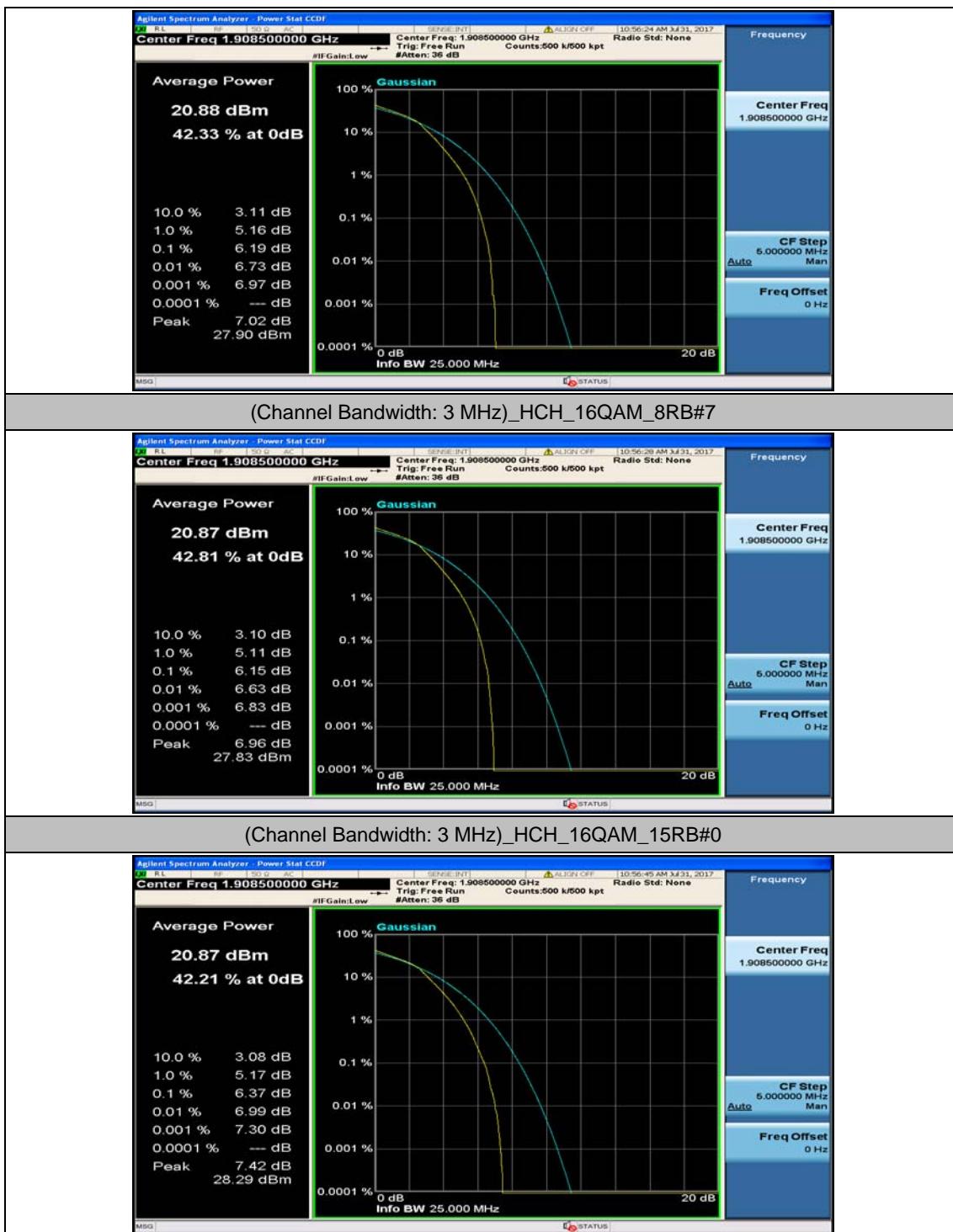












Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0

