

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	24.71	PASS
		1	3	24.67	PASS
		1	5	24.65	PASS
		3	0	24.66	PASS
		3	2	24.72	PASS
		3	3	24.68	PASS
		6	0	23.64	PASS
	MCH	1	0	24.21	PASS
		1	3	24.09	PASS
		1	5	24.09	PASS
		3	0	24.13	PASS
		3	2	23.86	PASS
		3	3	23.79	PASS
		6	0	23.01	PASS
	HCH	1	0	21.99	PASS
		1	3	21.93	PASS
		1	5	21.90	PASS
		3	0	22.08	PASS
		3	2	22.04	PASS
		3	3	21.99	PASS
		6	0	21.20	PASS
16QAM	LCH	1	0	23.77	PASS
		1	3	23.79	PASS
		1	5	23.76	PASS
		3	0	23.73	PASS
		3	2	23.67	PASS
		3	3	23.73	PASS
		6	0	22.51	PASS
	MCH	1	0	23.47	PASS
		1	3	23.42	PASS
		1	5	23.43	PASS
		3	0	23.04	PASS

		3	2	23.06	PASS
		3	3	23.03	PASS
		6	0	21.95	PASS
HCH	HCH	1	0	21.33	PASS
		1	3	21.28	PASS
		1	5	21.25	PASS
		3	0	21.36	PASS
		3	2	21.30	PASS
		3	3	21.31	PASS
		6	0	21.68	PASS

Channel Bandwidth: 3 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	24.55	PASS
		1	7	24.53	PASS
		1	14	24.51	PASS
		8	0	23.63	PASS
		8	4	23.59	PASS
		8	7	23.57	PASS
		15	0	23.65	PASS
	MCH	1	0	23.78	PASS
		1	7	23.70	PASS
		1	14	23.63	PASS
		8	0	23.01	PASS
		8	4	22.94	PASS
		8	7	22.91	PASS
		15	0	23.00	PASS
	HCH	1	0	22.20	PASS
		1	7	22.06	PASS
		1	14	21.96	PASS
		8	0	21.29	PASS
		8	4	21.22	PASS
		8	7	21.22	PASS
		15	0	21.28	PASS
16QAM	LCH	1	0	23.85	PASS
		1	7	23.86	PASS
		1	14	23.84	PASS
		8	0	22.66	PASS
		8	4	22.65	PASS
		8	7	22.69	PASS
		15	0	22.64	PASS

	MCH	1	0	23.36	PASS
		1	7	23.18	PASS
		1	14	23.09	PASS
		8	0	22.12	PASS
		8	4	22.12	PASS
		8	7	21.98	PASS
		15	0	22.05	PASS
	HCH	1	0	21.59	PASS
		1	7	21.58	PASS
		1	14	21.42	PASS
		8	0	22.23	PASS
		8	4	22.16	PASS
		8	7	22.18	PASS
		15	0	22.29	PASS

Channel Bandwidth: 5 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	24.79	PASS
		1	12	24.74	PASS
		1	24	24.73	PASS
		12	0	23.68	PASS
		12	6	23.62	PASS
		12	13	23.67	PASS
		25	0	23.70	PASS
	MCH	1	0	24.01	PASS
		1	12	23.82	PASS
		1	24	23.70	PASS
		12	0	23.10	PASS
		12	6	23.00	PASS
		12	13	22.97	PASS
		25	0	22.98	PASS
	HCH	1	0	22.30	PASS
		1	12	22.08	PASS
		1	24	21.86	PASS
		12	0	21.41	PASS
		12	6	21.31	PASS
		12	13	21.24	PASS
		25	0	21.31	PASS
16QAM	LCH	1	0	24.01	PASS
		1	12	24.02	PASS

		1	24	23.98	PASS
		12	0	22.75	PASS
		12	6	22.73	PASS
		12	13	22.72	PASS
		25	0	22.70	PASS
	MCH	1	0	23.58	PASS
		1	12	23.41	PASS
		1	24	23.24	PASS
		12	0	22.21	PASS
		12	6	22.16	PASS
		12	13	22.01	PASS
		25	0	22.04	PASS
	HCH	1	0	21.63	PASS
		1	12	21.45	PASS
		1	24	21.21	PASS
		12	0	21.43	PASS
		12	6	21.33	PASS
		12	13	21.26	PASS
		25	0	21.30	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	24.81	PASS
		1	24	24.65	PASS
		1	49	24.64	PASS
		25	0	23.83	PASS
		25	12	23.74	PASS
		25	25	23.73	PASS
		50	0	23.66	PASS
QPSK	MCH	1	0	24.12	PASS
		1	24	23.71	PASS
		1	49	23.46	PASS
		25	0	23.22	PASS
		25	12	23.01	PASS
		25	25	22.87	PASS
		50	0	23.00	PASS
QPSK	HCH	1	0	22.83	PASS
		1	24	22.25	PASS
		1	49	22.06	PASS
		25	0	21.69	PASS

		25	12	21.42	PASS
		25	25	21.30	PASS
		50	0	21.43	PASS
16QAM	LCH	1	0	24.13	PASS
		1	24	23.95	PASS
		1	49	23.94	PASS
		25	0	22.76	PASS
		25	12	22.58	PASS
		25	25	22.63	PASS
		50	0	22.63	PASS
	MCH	1	0	23.74	PASS
		1	24	23.24	PASS
		1	49	22.97	PASS
		25	0	22.23	PASS
		25	12	21.97	PASS
		25	25	21.91	PASS
		50	0	22.04	PASS
	HCH	1	0	22.34	PASS
		1	24	21.70	PASS
		1	49	21.59	PASS
		25	0	21.72	PASS
		25	12	21.42	PASS
		25	25	21.30	PASS
		50	0	21.49	PASS

Channel Bandwidth: 15 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	24.08	PASS
		1	37	24.13	PASS
		1	74	24.35	PASS
		37	0	23.91	PASS
		37	18	23.69	PASS
		37	38	23.69	PASS
		75	0	23.77	PASS
	MCH	1	0	24.44	PASS
		1	37	23.72	PASS
		1	74	23.40	PASS
		37	0	23.43	PASS
		37	18	23.04	PASS
		37	38	22.87	PASS

		75	0	23.11	PASS
	HCH	1	0	23.24	PASS
		1	37	22.25	PASS
		1	74	21.96	PASS
		37	0	22.07	PASS
		37	18	21.59	PASS
		37	38	21.32	PASS
		75	0	21.72	PASS
	LCH	1	0	24.39	PASS
		1	37	23.81	PASS
		1	74	23.86	PASS
		37	0	22.88	PASS
		37	18	22.64	PASS
		37	38	22.66	PASS
		75	0	22.73	PASS
	MCH	1	0	24.16	PASS
		1	37	23.32	PASS
		1	74	23.09	PASS
		37	0	22.41	PASS
		37	18	21.98	PASS
		37	38	21.86	PASS
		75	0	22.12	PASS
	HCH	1	0	22.75	PASS
		1	37	21.80	PASS
		1	74	21.52	PASS
		37	0	21.03	PASS
		37	18	21.62	PASS
		37	38	21.37	PASS
		75	0	21.69	PASS

Channel Bandwidth: 20 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	24.88	PASS
		1	49	24.83	PASS
		1	99	23.99	PASS
		50	0	23.90	PASS
		50	25	23.61	PASS
		50	50	23.52	PASS
		100	0	23.61	PASS
	MCH	1	0	24.47	PASS

		1	49	23.65	PASS
		1	99	23.05	PASS
		50	0	23.45	PASS
		50	25	22.85	PASS
		50	50	22.60	PASS
		100	0	22.98	PASS
		1	0	23.58	PASS
		1	49	22.31	PASS
		1	99	21.81	PASS
		50	0	22.32	PASS
		50	25	21.68	PASS
		50	50	21.36	PASS
		100	0	21.91	PASS
		1	0	24.10	PASS
		1	49	23.69	PASS
16QAM	LCH	1	99	23.31	PASS
		50	0	22.76	PASS
		50	25	22.50	PASS
		50	50	22.45	PASS
		100	0	22.55	PASS
	MCH	1	0	23.94	PASS
		1	49	23.07	PASS
		1	99	22.64	PASS
		50	0	22.37	PASS
		50	25	21.76	PASS
		50	50	21.52	PASS
		100	0	21.95	PASS
	HCH	1	0	23.14	PASS
		1	49	21.85	PASS
		1	99	21.36	PASS
		50	0	21.28	PASS
		50	25	21.64	PASS
		50	50	22.38	PASS
		100	0	21.83	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	4.06	<13	PASS
		1	3	4.13	<13	PASS
		1	5	4.1	<13	PASS
		3	0	4.27	<13	PASS
		3	2	4.29	<13	PASS
		3	3	4.32	<13	PASS
		6	0	5.04	<13	PASS
	MCH	1	0	3.43	<13	PASS
		1	3	3.54	<13	PASS
		1	5	3.56	<13	PASS
		3	0	3.61	<13	PASS
		3	2	3.66	<13	PASS
		3	3	3.71	<13	PASS
		6	0	4.6	<13	PASS
16QAM	LCH	1	0	3.64	<13	PASS
		1	3	3.72	<13	PASS
		1	5	3.7	<13	PASS
		3	0	3.93	<13	PASS
		3	2	3.99	<13	PASS
		3	3	4.01	<13	PASS
		6	0	4.77	<13	PASS
	MCH	1	0	4.9	<13	PASS
		1	3	4.97	<13	PASS
		1	5	4.94	<13	PASS
		3	0	5.12	<13	PASS
		3	2	5.13	<13	PASS
		3	3	5.17	<13	PASS
		6	0	5.82	<13	PASS

		3	3	4.5	<13	PASS
		6	0	5.27	<13	PASS
HCH	1	0	4.45	<13	PASS	
	1	3	4.54	<13	PASS	
	1	5	4.51	<13	PASS	
	3	0	4.58	<13	PASS	
	3	2	4.64	<13	PASS	
	3	3	4.64	<13	PASS	
	6	0	5.49	<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	4.01	<13	PASS
		1	7	4.17	<13	PASS
		1	14	4.16	<13	PASS
		8	0	4.94	<13	PASS
		8	4	4.83	<13	PASS
		8	7	4.95	<13	PASS
		15	0	5.14	<13	PASS
	MCH	1	0	3.4	<13	PASS
		1	7	3.54	<13	PASS
		1	14	3.68	<13	PASS
		8	0	4.38	<13	PASS
		8	4	4.34	<13	PASS
		8	7	4.48	<13	PASS
		15	0	4.82	<13	PASS
	HCH	1	0	3.46	<13	PASS
		1	7	3.6	<13	PASS
		1	14	3.68	<13	PASS
		8	0	4.58	<13	PASS
		8	4	4.53	<13	PASS
		8	7	4.64	<13	PASS
		15	0	5.01	<13	PASS
16QAM	LCH	1	0	4.9	<13	PASS
		1	7	4.95	<13	PASS
		1	14	4.97	<13	PASS
		8	0	5.52	<13	PASS
		8	4	5.52	<13	PASS
		8	7	5.56	<13	PASS

		15	0	5.9	<13	PASS
MCH	1	0	4.2	<13	PASS	
	1	7	4.35	<13	PASS	
	1	14	4.48	<13	PASS	
	8	0	5.03	<13	PASS	
	8	4	5.03	<13	PASS	
	8	7	5.17	<13	PASS	
	15	0	5.56	<13	PASS	
HCH	1	0	4.32	<13	PASS	
	1	7	4.42	<13	PASS	
	1	14	4.47	<13	PASS	
	8	0	5.21	<13	PASS	
	8	4	5.15	<13	PASS	
	8	7	5.27	<13	PASS	
	15	0	5.6	<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	4.09	<13	PASS
		1	12	4.35	<13	PASS
		1	24	4.19	<13	PASS
		12	0	4.99	<13	PASS
		12	6	4.97	<13	PASS
		12	13	5.02	<13	PASS
		25	0	5.29	<13	PASS
QPSK	MCH	1	0	3.36	<13	PASS
		1	12	3.78	<13	PASS
		1	24	3.73	<13	PASS
		12	0	4.47	<13	PASS
		12	6	4.55	<13	PASS
		12	13	4.72	<13	PASS
		25	0	4.99	<13	PASS
QPSK	HCH	1	0	3.41	<13	PASS
		1	12	3.9	<13	PASS
		1	24	3.79	<13	PASS
		12	0	4.62	<13	PASS
		12	6	4.68	<13	PASS
		12	13	4.81	<13	PASS
		25	0	5.03	<13	PASS

16QAM	LCH	1	0	4.9	<13	PASS
		1	12	5.15	<13	PASS
		1	24	5.01	<13	PASS
		12	0	5.74	<13	PASS
		12	6	5.74	<13	PASS
		12	13	5.75	<13	PASS
		25	0	5.95	<13	PASS
	MCH	1	0	4.16	<13	PASS
		1	12	4.6	<13	PASS
		1	24	4.59	<13	PASS
		12	0	5.2	<13	PASS
		12	6	5.32	<13	PASS
		12	13	5.44	<13	PASS
		25	0	5.65	<13	PASS
	HCH	1	0	4.05	<13	PASS
		1	12	4.51	<13	PASS
		1	24	4.44	<13	PASS
		12	0	5.44	<13	PASS
		12	6	5.48	<13	PASS
		12	13	5.62	<13	PASS
		25	0	5.71	<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	4.39	<13	PASS
		1	24	4.45	<13	PASS
		1	49	4.43	<13	PASS
		25	0	5.16	<13	PASS
		25	12	5.09	<13	PASS
		25	25	5.14	<13	PASS
		50	0	5.34	<13	PASS
	MCH	1	0	3.58	<13	PASS
		1	24	3.84	<13	PASS
		1	49	4.41	<13	PASS
		25	0	4.69	<13	PASS
		25	12	4.66	<13	PASS
		25	25	4.95	<13	PASS
		50	0	5.11	<13	PASS
	HCH	1	0	3.33	<13	PASS

		1	24	3.57	<13	PASS
		1	49	4.03	<13	PASS
		25	0	4.55	<13	PASS
		25	12	4.53	<13	PASS
		25	25	4.85	<13	PASS
		50	0	5.04	<13	PASS
16QAM	LCH	1	0	5.26	<13	PASS
		1	24	5.29	<13	PASS
		1	49	5.3	<13	PASS
		25	0	5.85	<13	PASS
		25	12	5.77	<13	PASS
		25	25	5.92	<13	PASS
		50	0	5.88	<13	PASS
	MCH	1	0	4.33	<13	PASS
		1	24	4.65	<13	PASS
		1	49	5.26	<13	PASS
		25	0	5.38	<13	PASS
		25	12	5.42	<13	PASS
		25	25	5.68	<13	PASS
		50	0	5.73	<13	PASS
	HCH	1	0	4.17	<13	PASS
		1	24	4.34	<13	PASS
		1	49	4.86	<13	PASS
		25	0	5.26	<13	PASS
		25	12	5.26	<13	PASS
		25	25	5.58	<13	PASS
		50	0	5.67	<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	9.93	<13	PASS
		1	37	4.4	<13	PASS
		1	74	9.49	<13	PASS
		37	0	4.54	<13	PASS
		37	18	5.19	<13	PASS
		37	38	4.59	<13	PASS
		75	0	4.95	<13	PASS
	MCH	1	0	10.39	<13	PASS
		1	37	3.85	<13	PASS

		1	74	9.5	<13	PASS
		37	0	4.48	<13	PASS
		37	18	4.91	<13	PASS
		37	38	4.64	<13	PASS
		75	0	4.85	<13	PASS
	HCH	1	0	9.86	<13	PASS
		1	37	3.4	<13	PASS
		1	74	9.43	<13	PASS
		37	0	4.39	<13	PASS
		37	18	4.66	<13	PASS
		37	38	4.57	<13	PASS
		75	0	4.87	<13	PASS
16QAM	LCH	1	0	9.62	<13	PASS
		1	37	5.22	<13	PASS
		1	74	9.4	<13	PASS
		37	0	5.65	<13	PASS
		37	18	5.84	<13	PASS
		37	38	5.67	<13	PASS
		75	0	6.02	<13	PASS
	MCH	1	0	10.14	<13	PASS
		1	37	4.66	<13	PASS
		1	74	9.65	<13	PASS
		37	0	5.51	<13	PASS
		37	18	5.56	<13	PASS
		37	38	5.72	<13	PASS
		75	0	5.96	<13	PASS
	HCH	1	0	9.5	<13	PASS
		1	37	4.27	<13	PASS
		1	74	10.27	<13	PASS
		37	0	5.49	<13	PASS
		37	18	5.38	<13	PASS
		37	38	5.66	<13	PASS
		75	0	5.93	<13	PASS

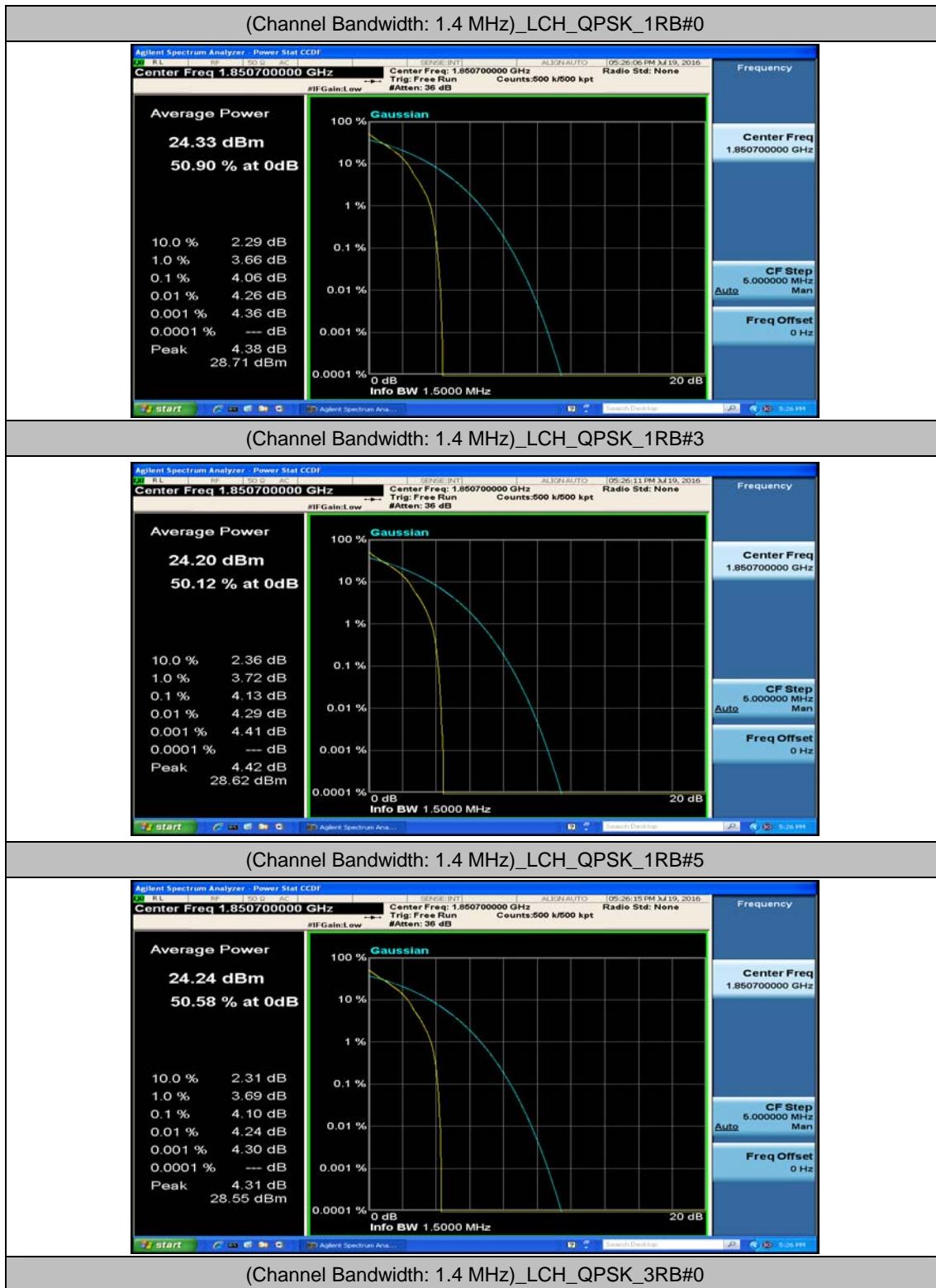
Channel Bandwidth: 20 MHz

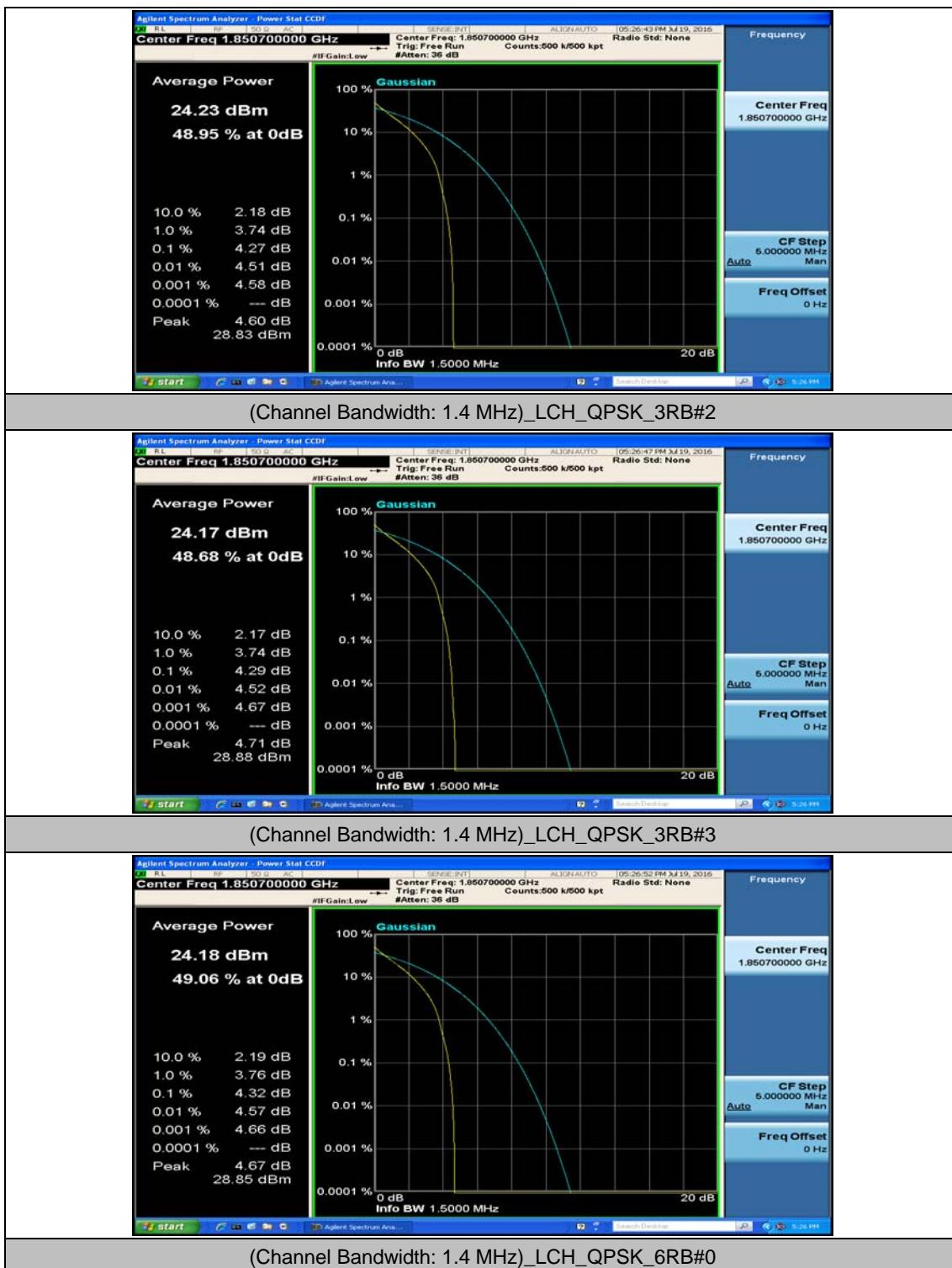
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	11.92	<13	PASS
		1	49	4.25	<13	PASS
		1	99	12.43	<13	PASS

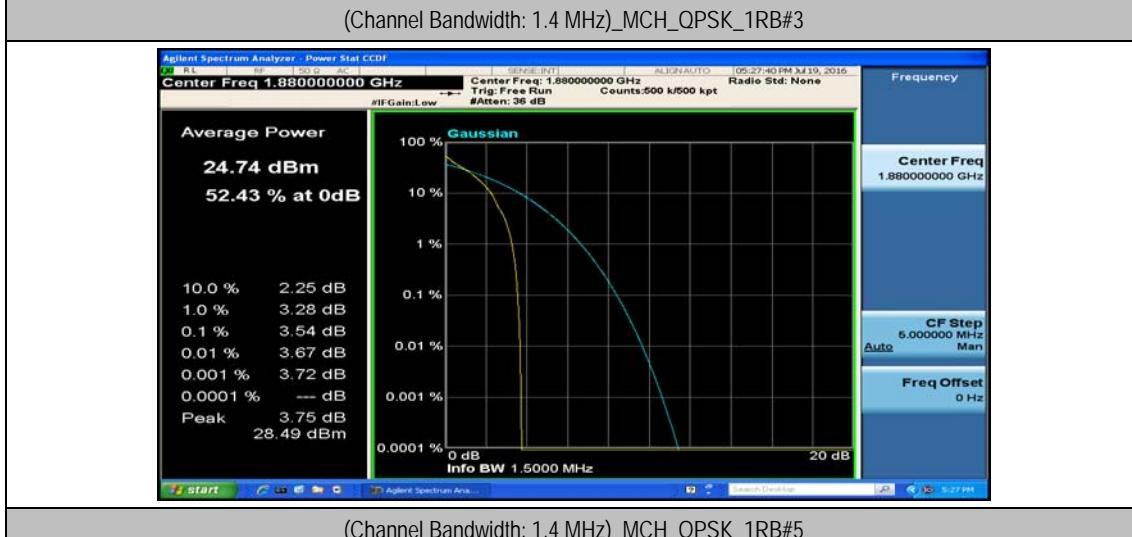
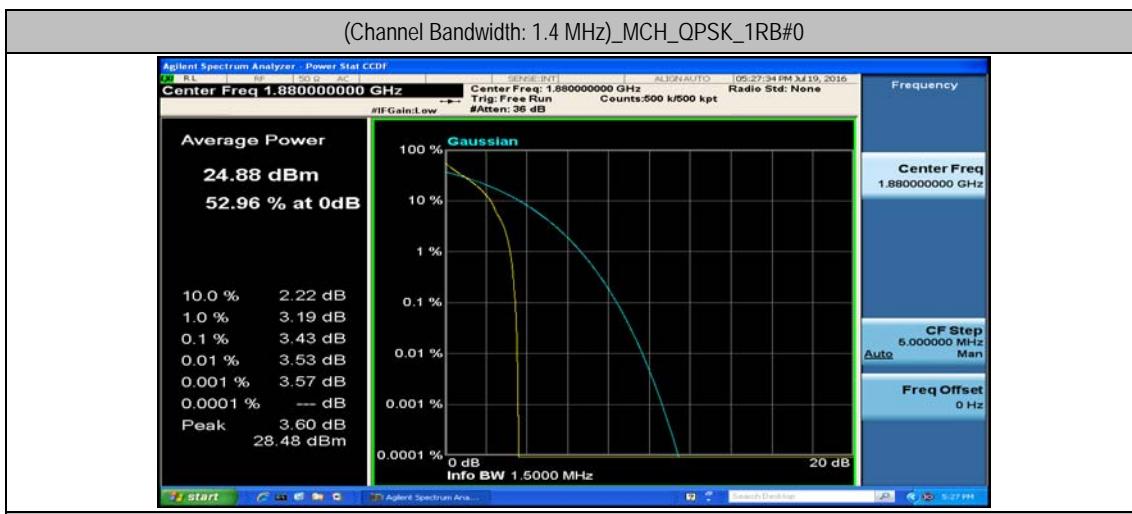
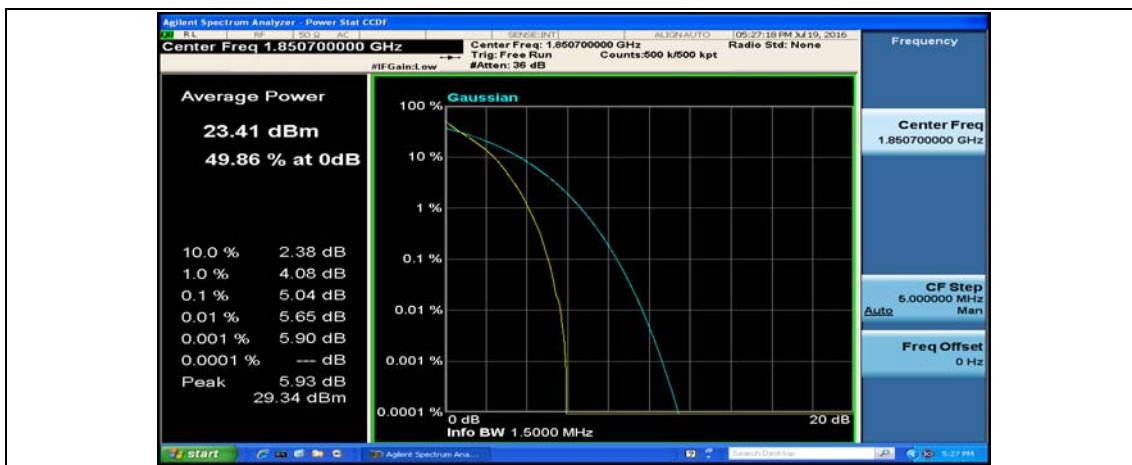
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		50	25	5.25	<13	PASS
		50	50	5.61	<13	PASS
		100	0	5.7	<13	PASS
MCH		1	0	11.29	<13	PASS
		1	49	3.81	<13	PASS
		1	99	11.35	<13	PASS
		50	0	5.39	<13	PASS
		50	25	5.14	<13	PASS
		50	50	5.61	<13	PASS
		100	0	5.71	<13	PASS
HCH		1	0	11.29	<13	PASS
		1	49	3.37	<13	PASS
		1	99	11.92	<13	PASS
		50	0	5.36	<13	PASS
		50	25	4.98	<13	PASS
		50	50	5.61	<13	PASS
		100	0	5.66	<13	PASS
LCH		1	0	12.19	<13	PASS
		1	49	5.06	<13	PASS
		1	99	11.52	<13	PASS
		50	0	6.28	<13	PASS
		50	25	5.94	<13	PASS
		50	50	6.4	<13	PASS
		100	0	6.55	<13	PASS
MCH		1	0	11.3	<13	PASS
		1	49	4.54	<13	PASS
		1	99	10.53	<13	PASS
		50	0	6.3	<13	PASS
		50	25	5.76	<13	PASS
		50	50	6.42	<13	PASS
		100	0	6.59	<13	PASS
HCH		1	0	11.46	<13	PASS
		1	49	4.11	<13	PASS
		1	99	11.39	<13	PASS
		50	0	6.25	<13	PASS
		50	25	5.61	<13	PASS
		50	50	6.32	<13	PASS
		100	0	6.47	<13	PASS

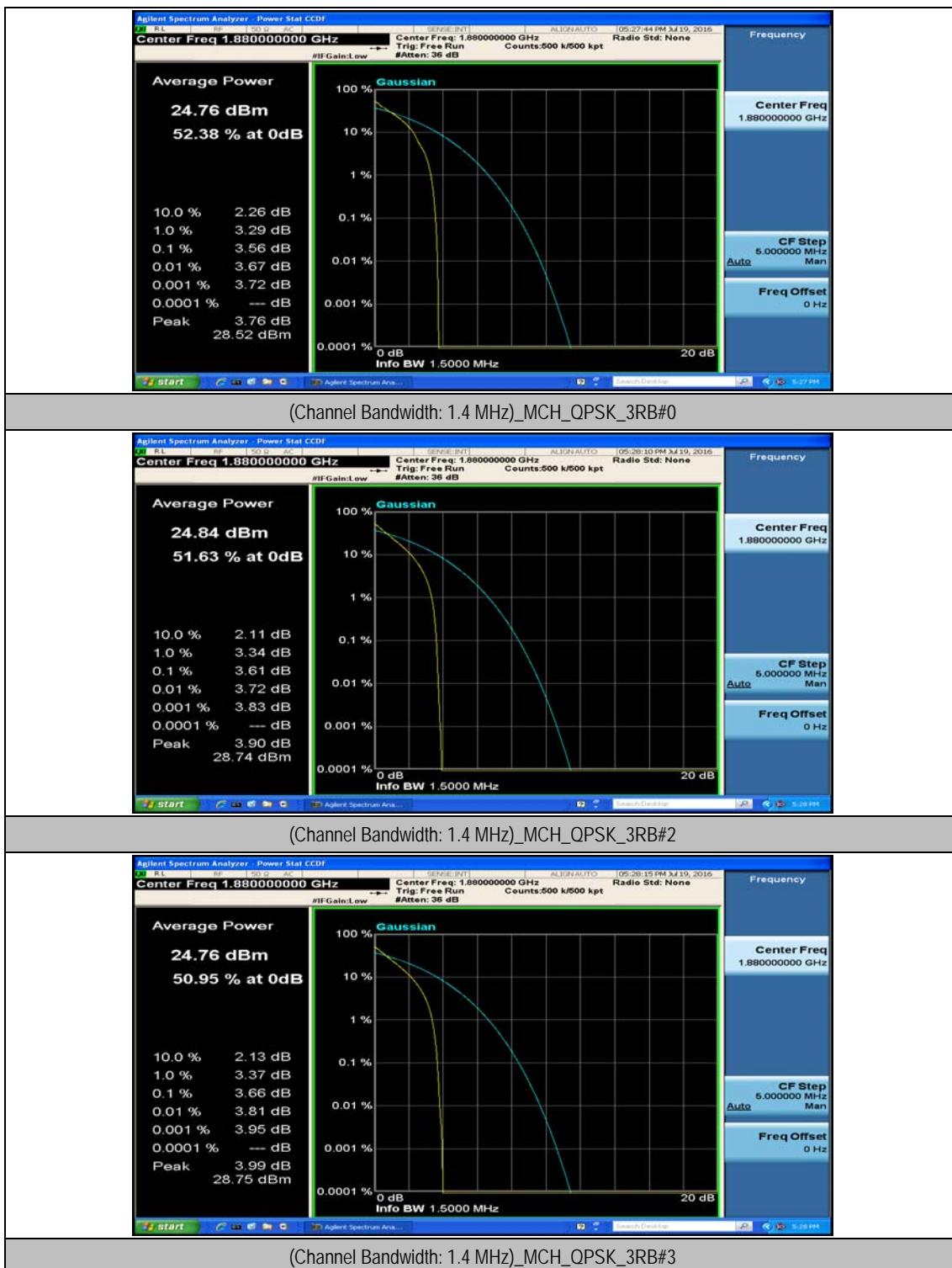
Test Graphs

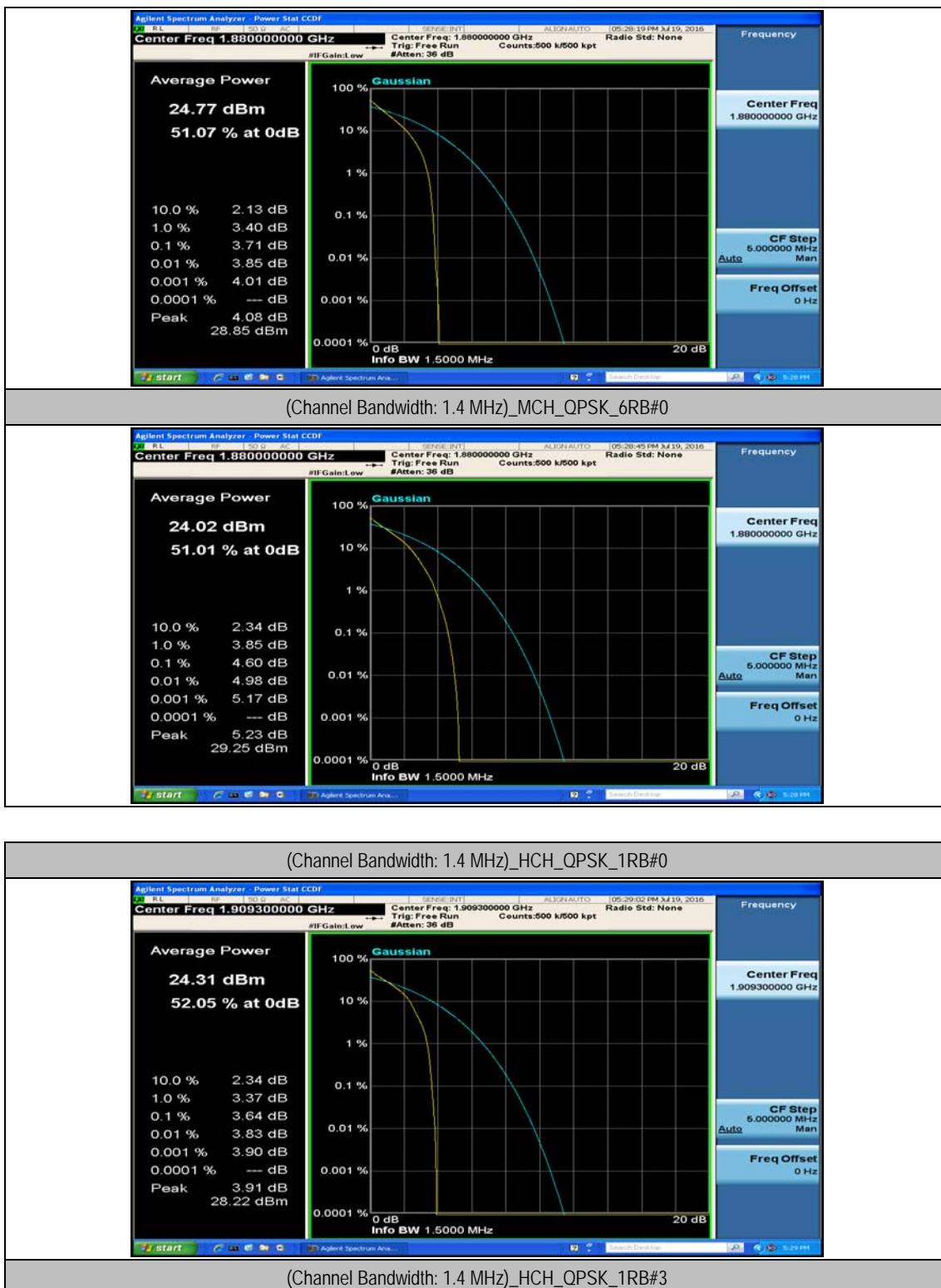
Channel Bandwidth: 1.4 MHz

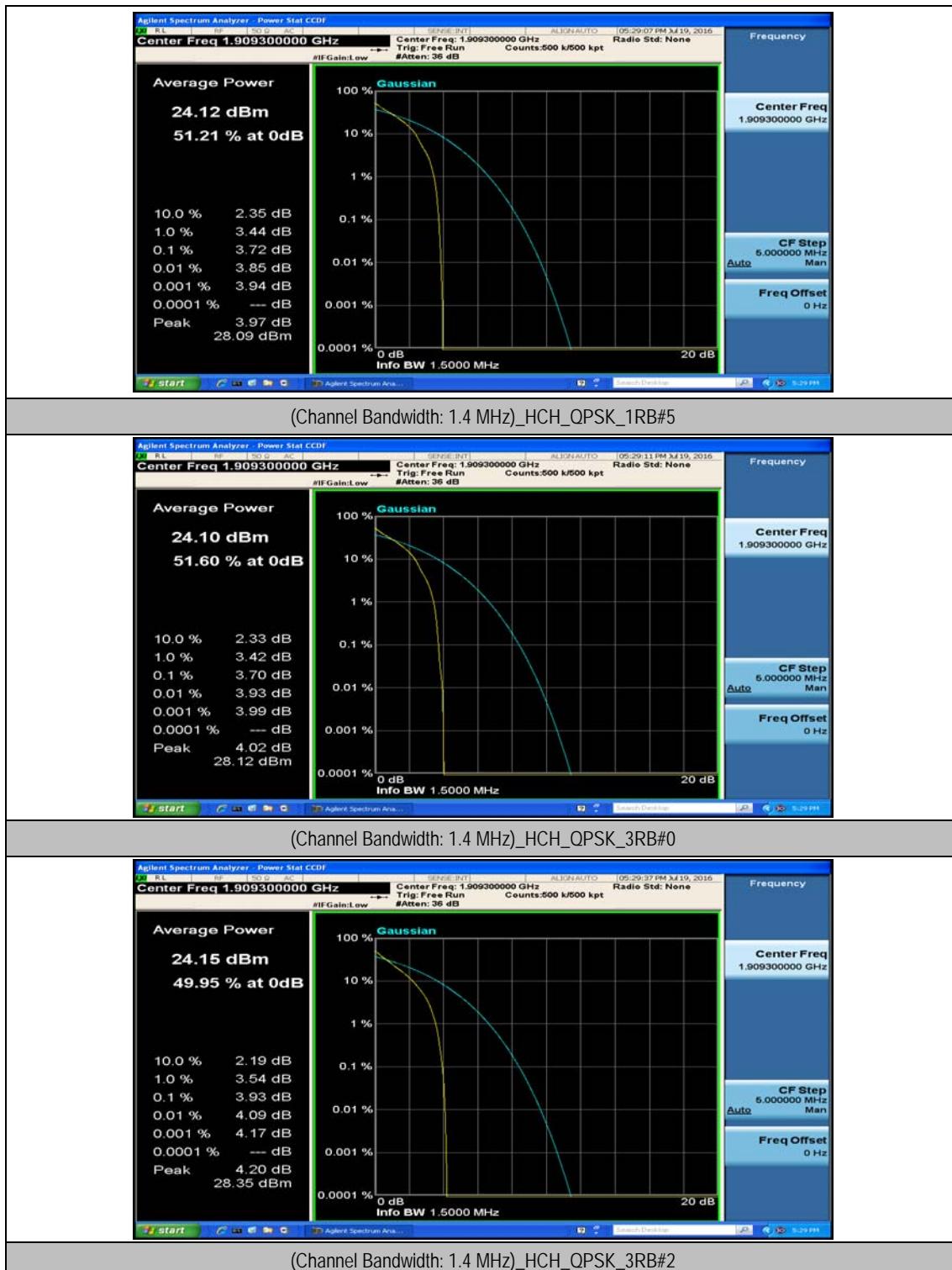


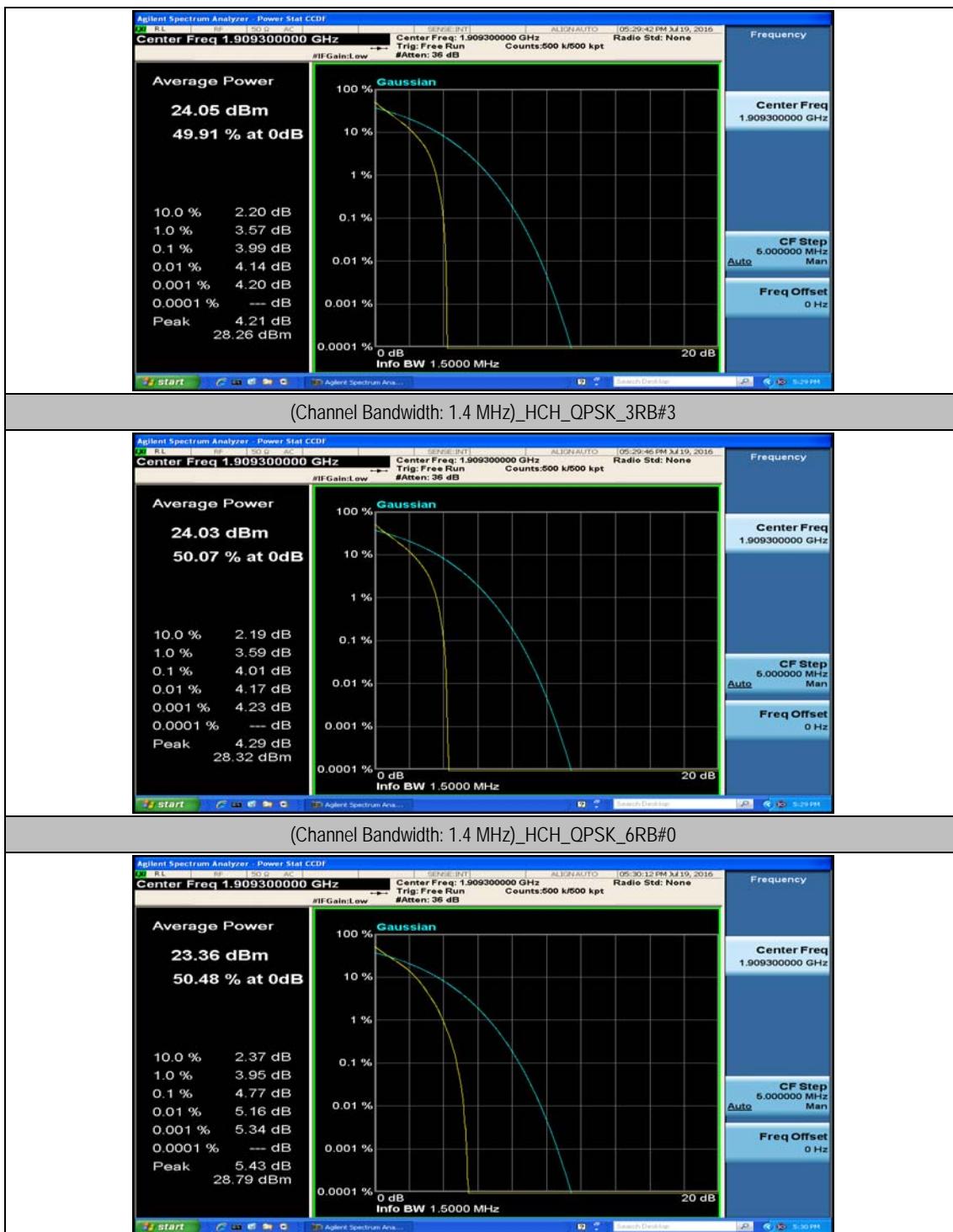


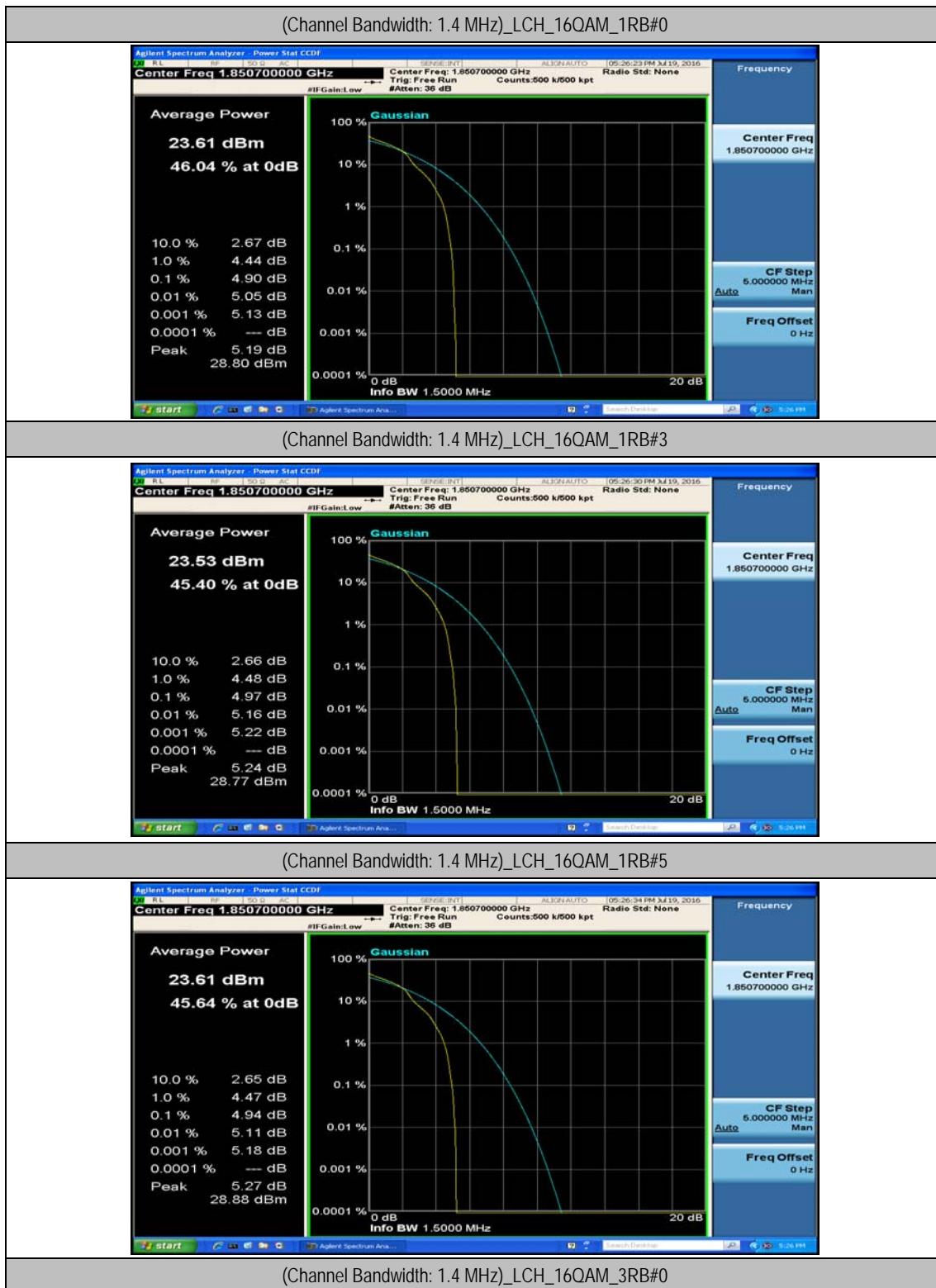


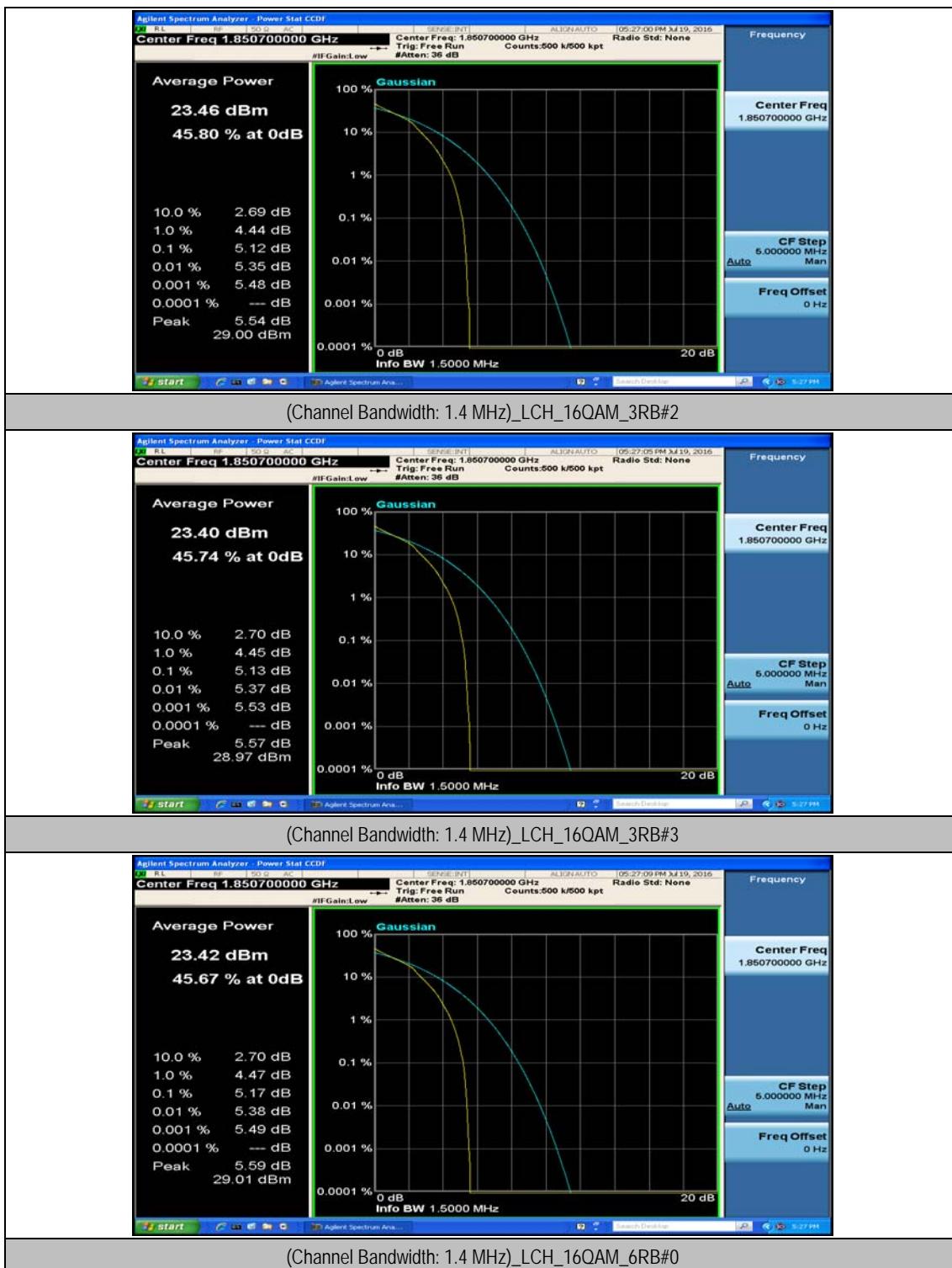


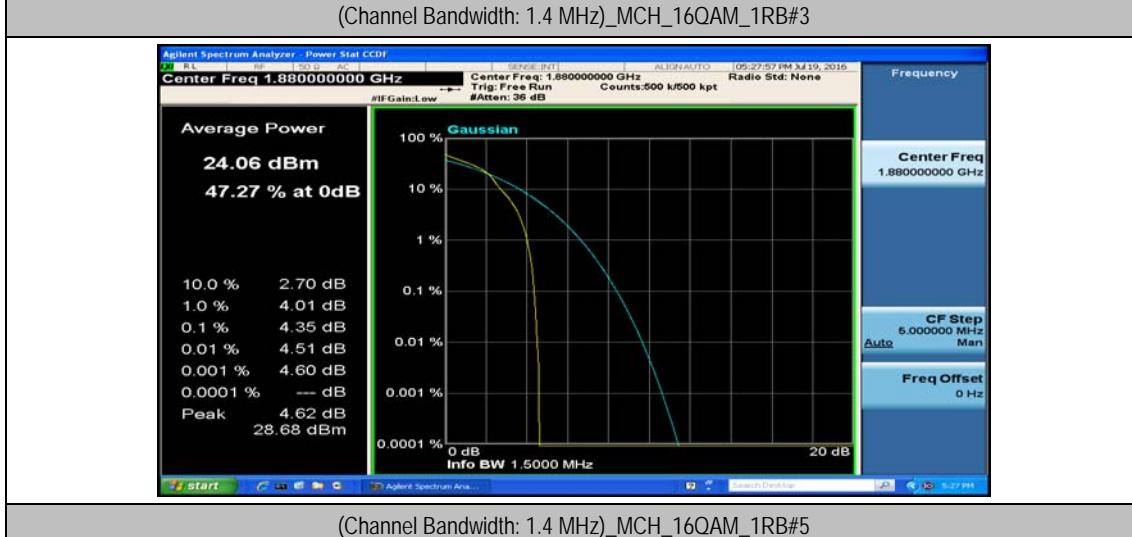
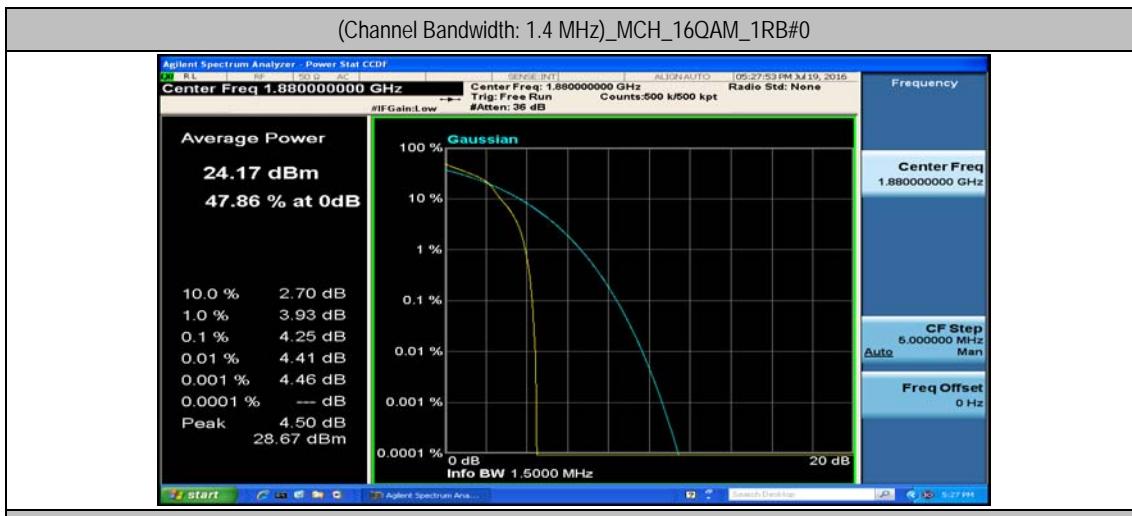
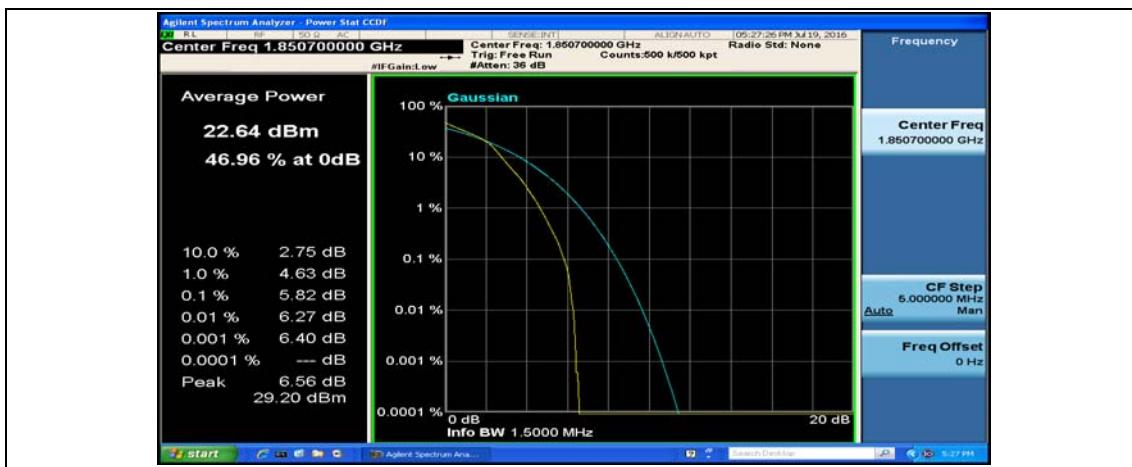


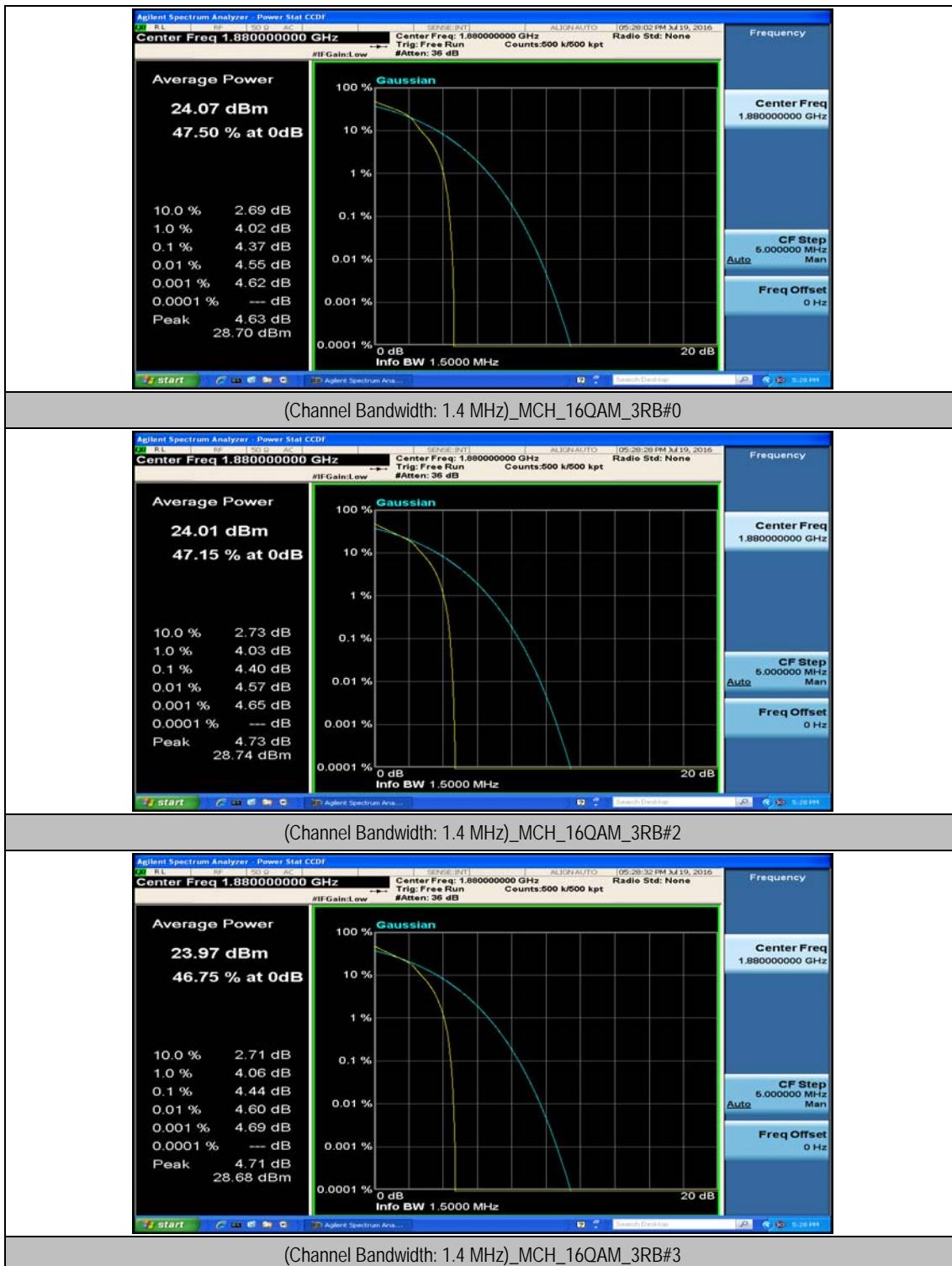


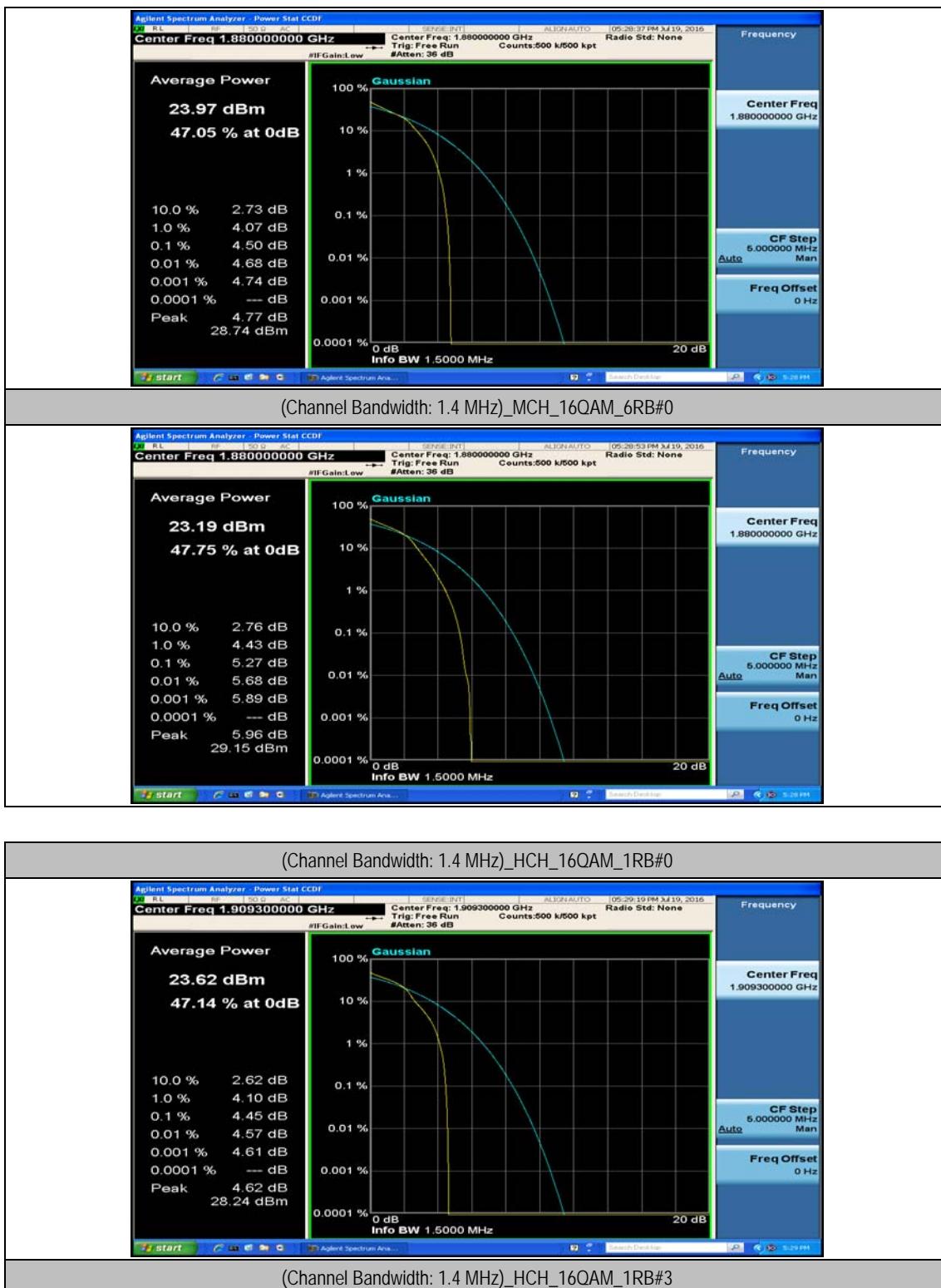


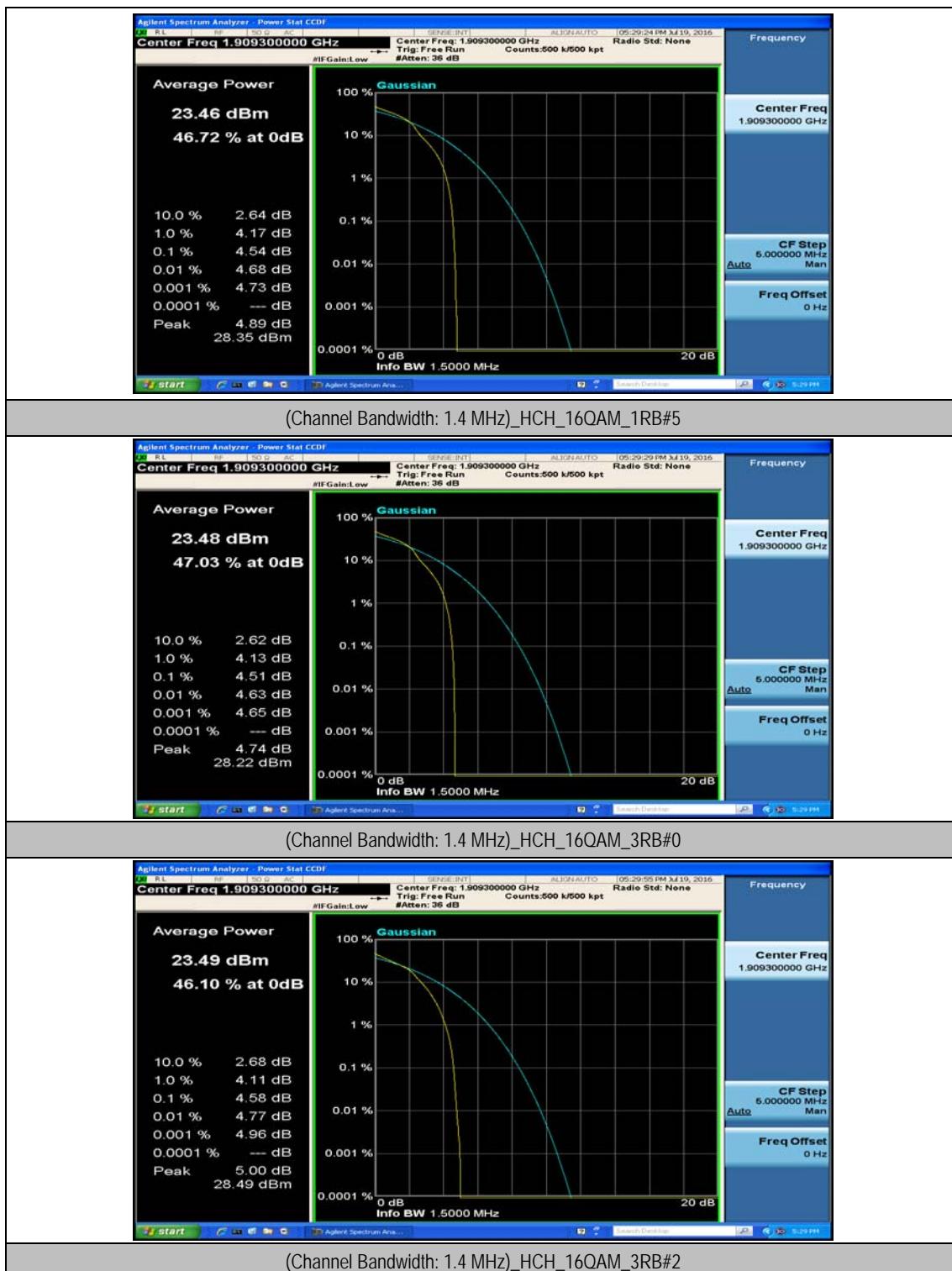


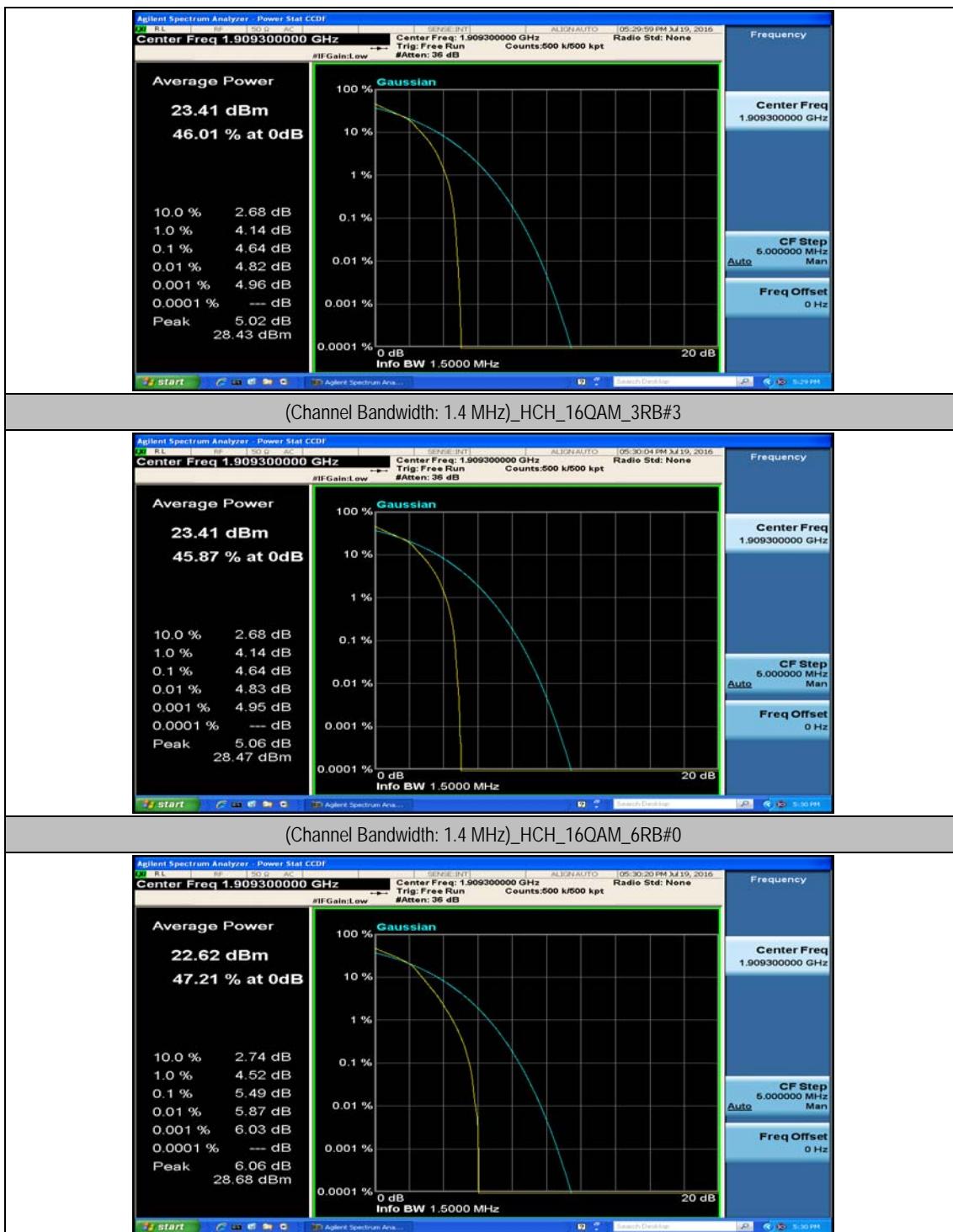




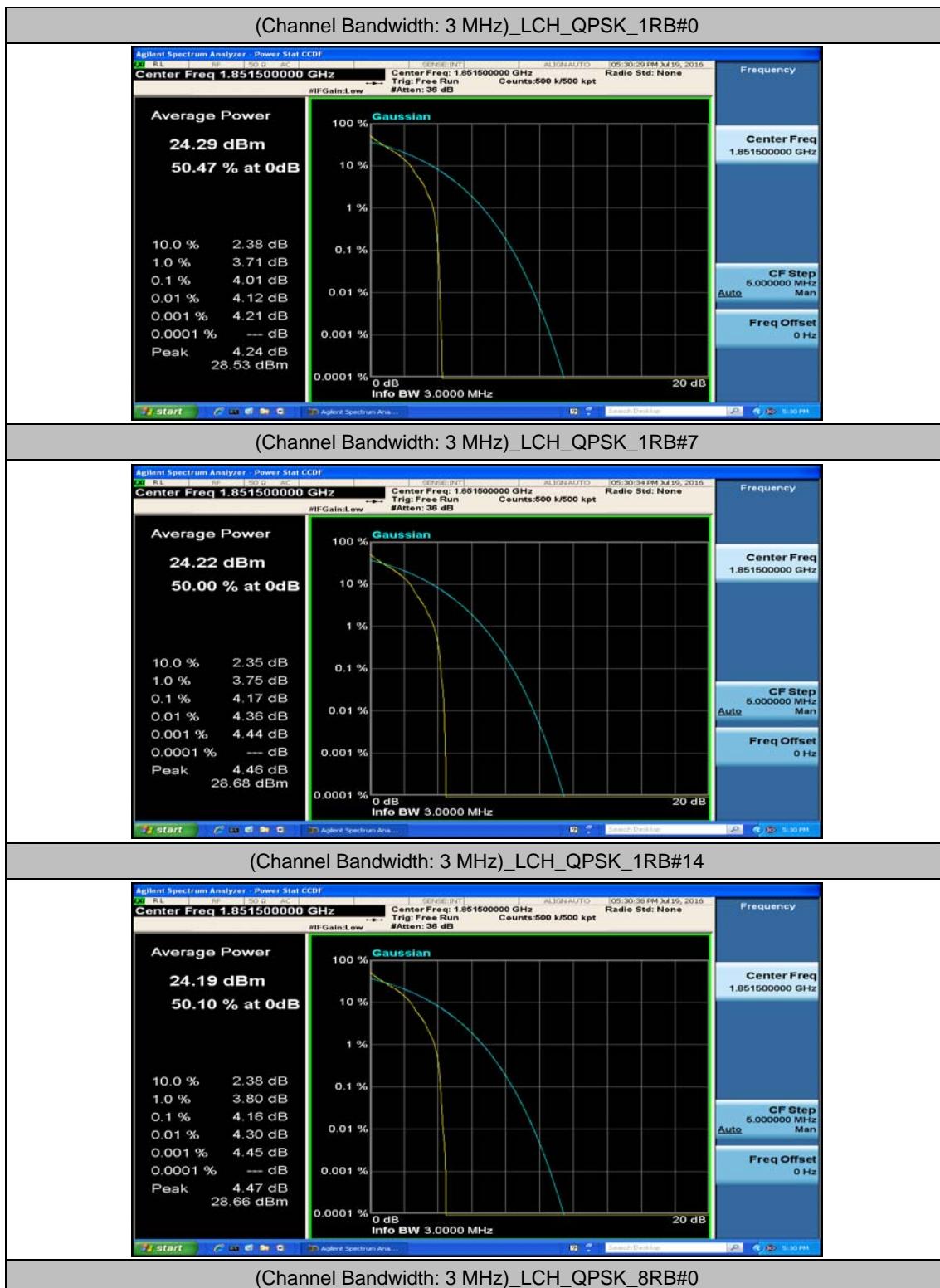


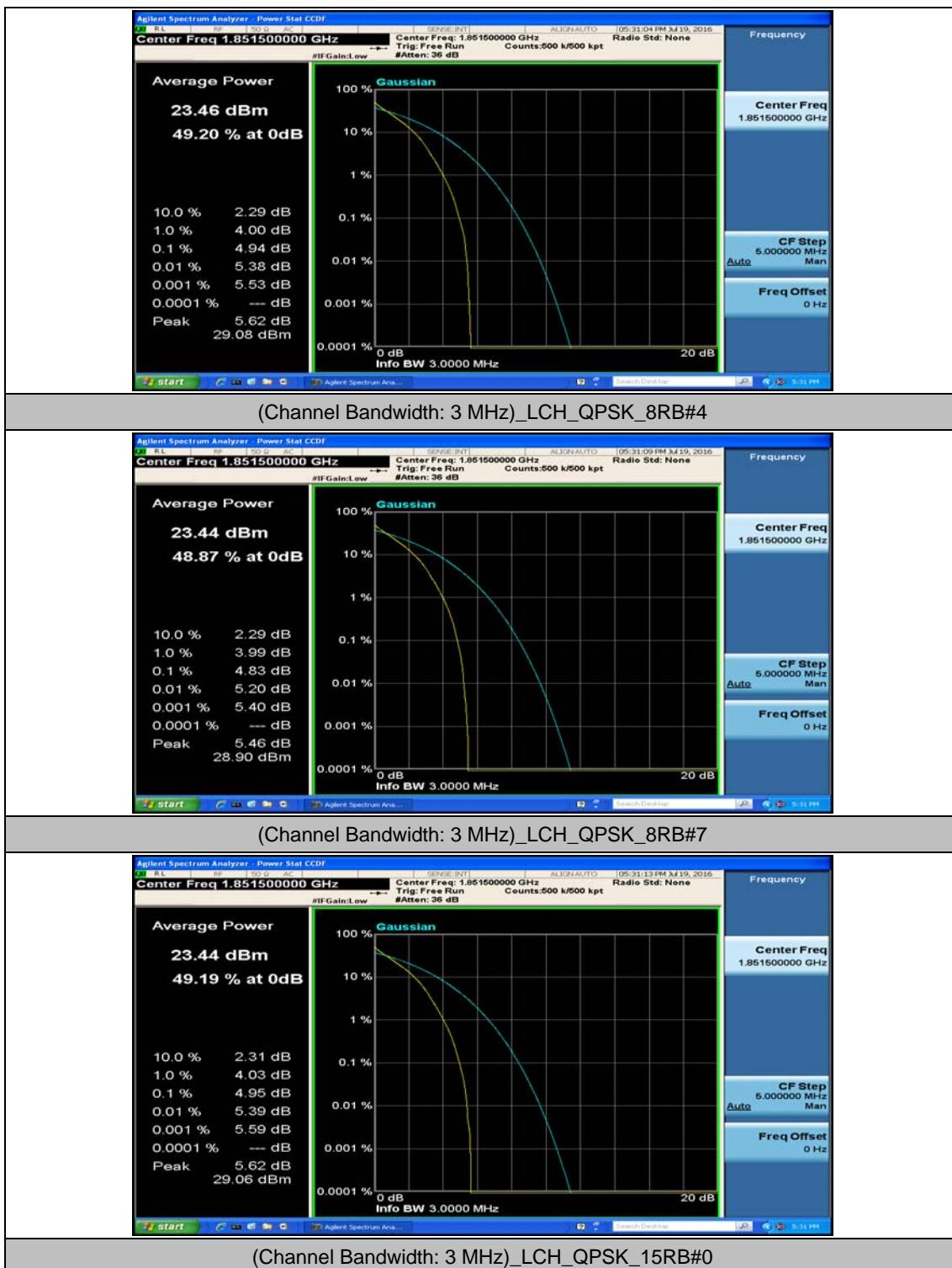


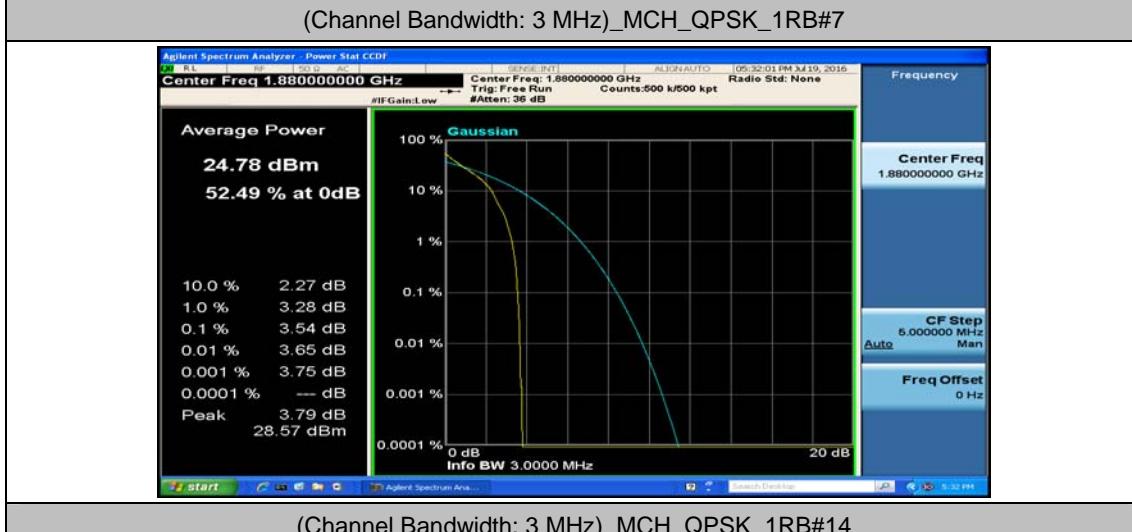
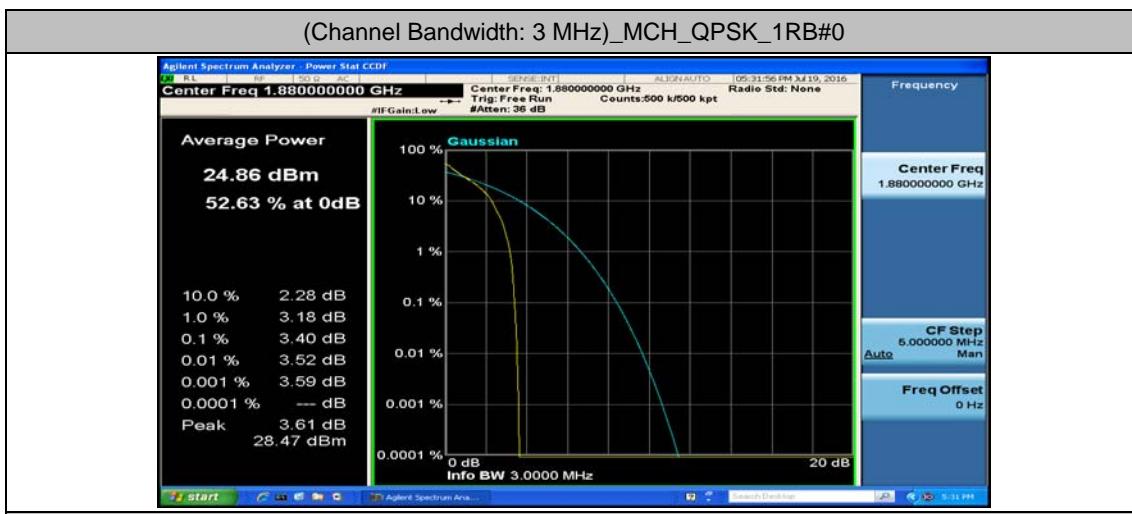
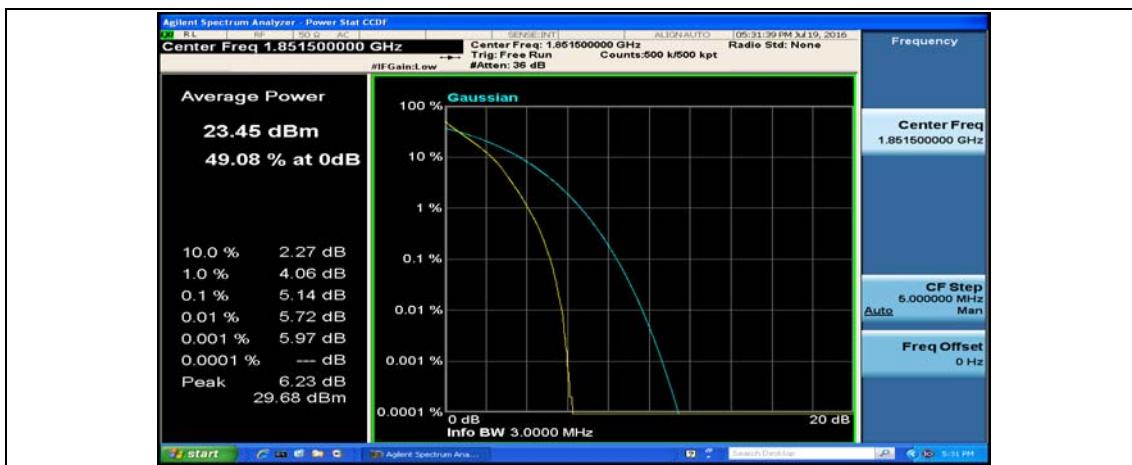


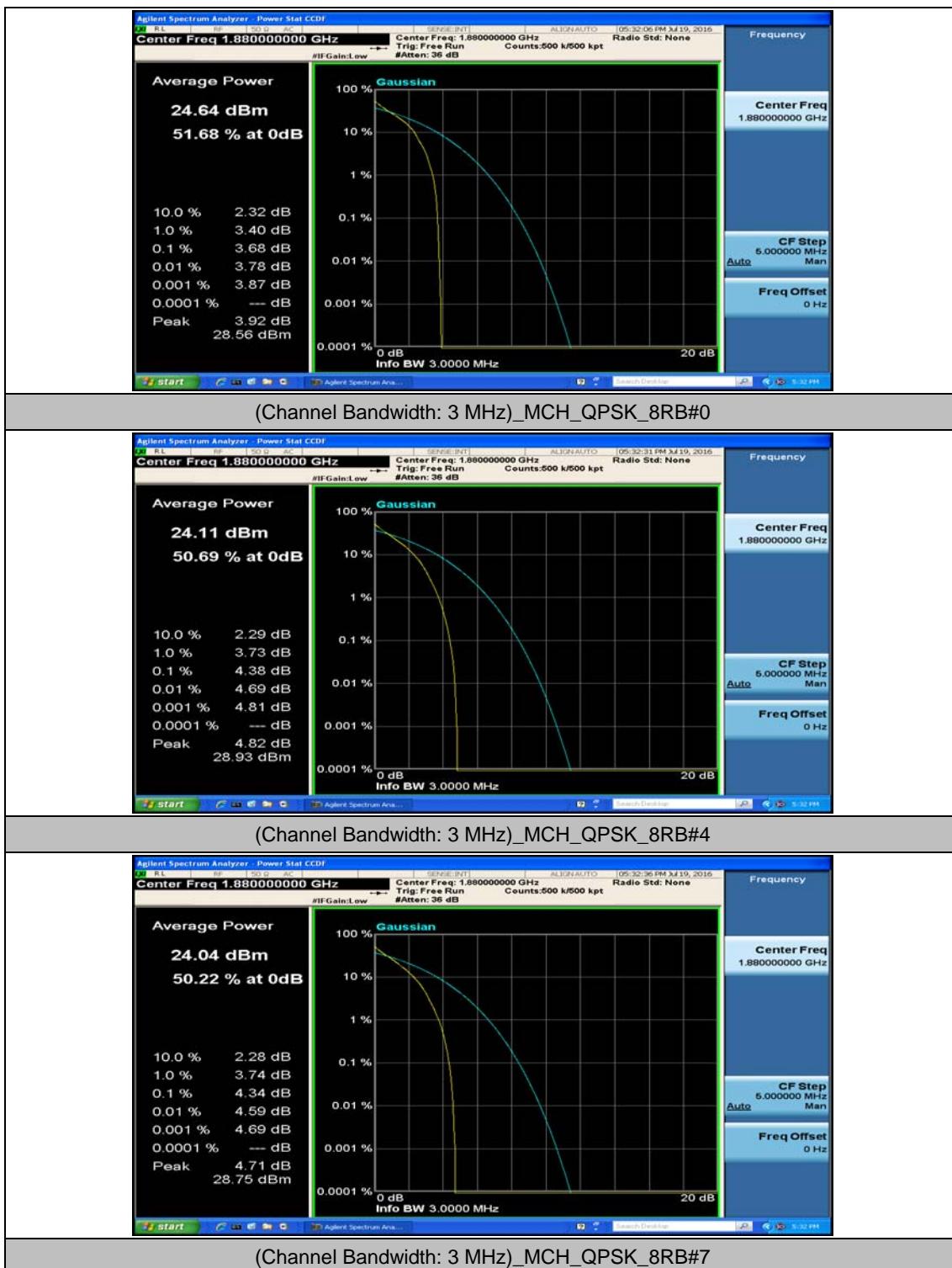


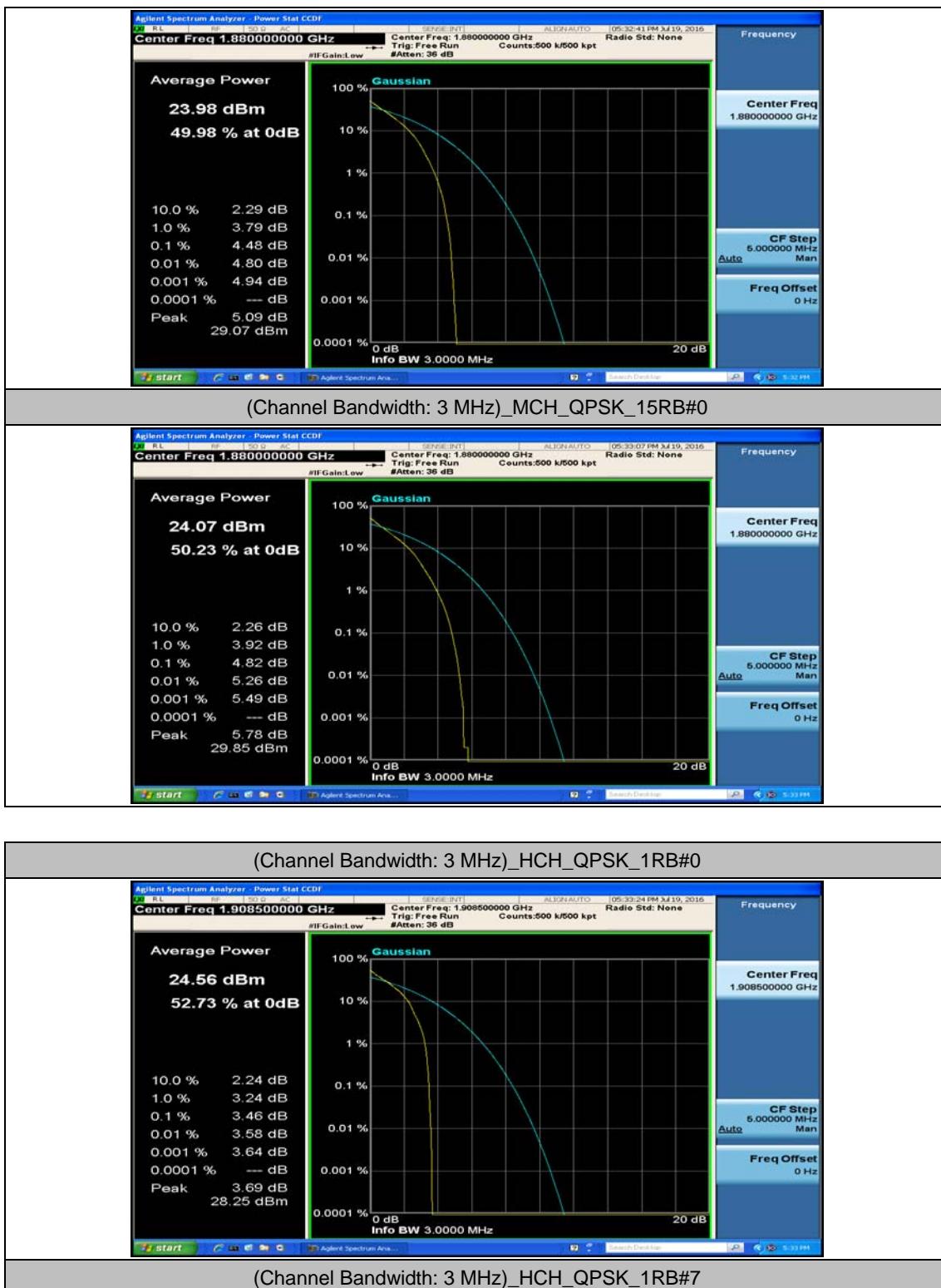
Channel Bandwidth: 3 MHz

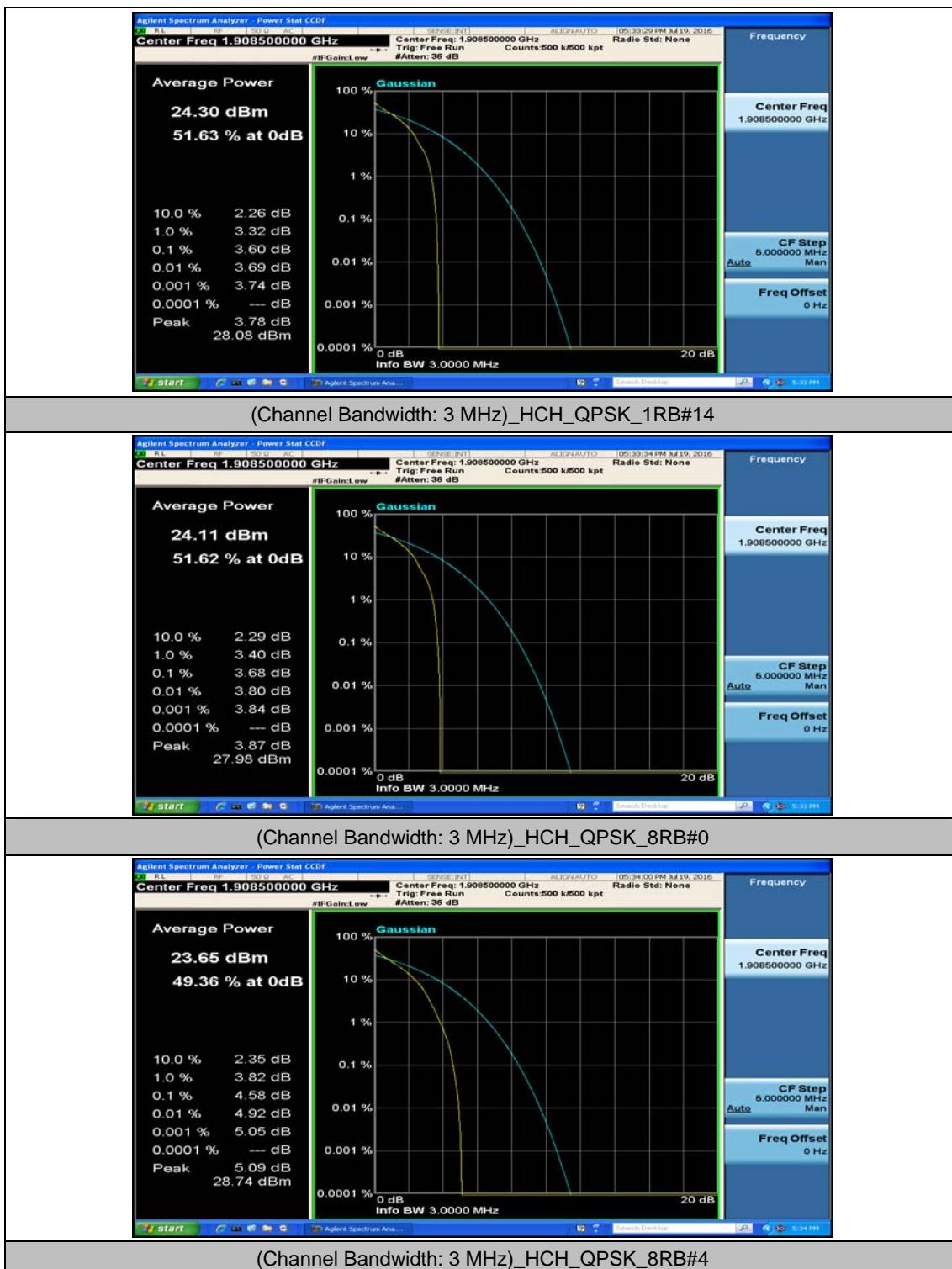


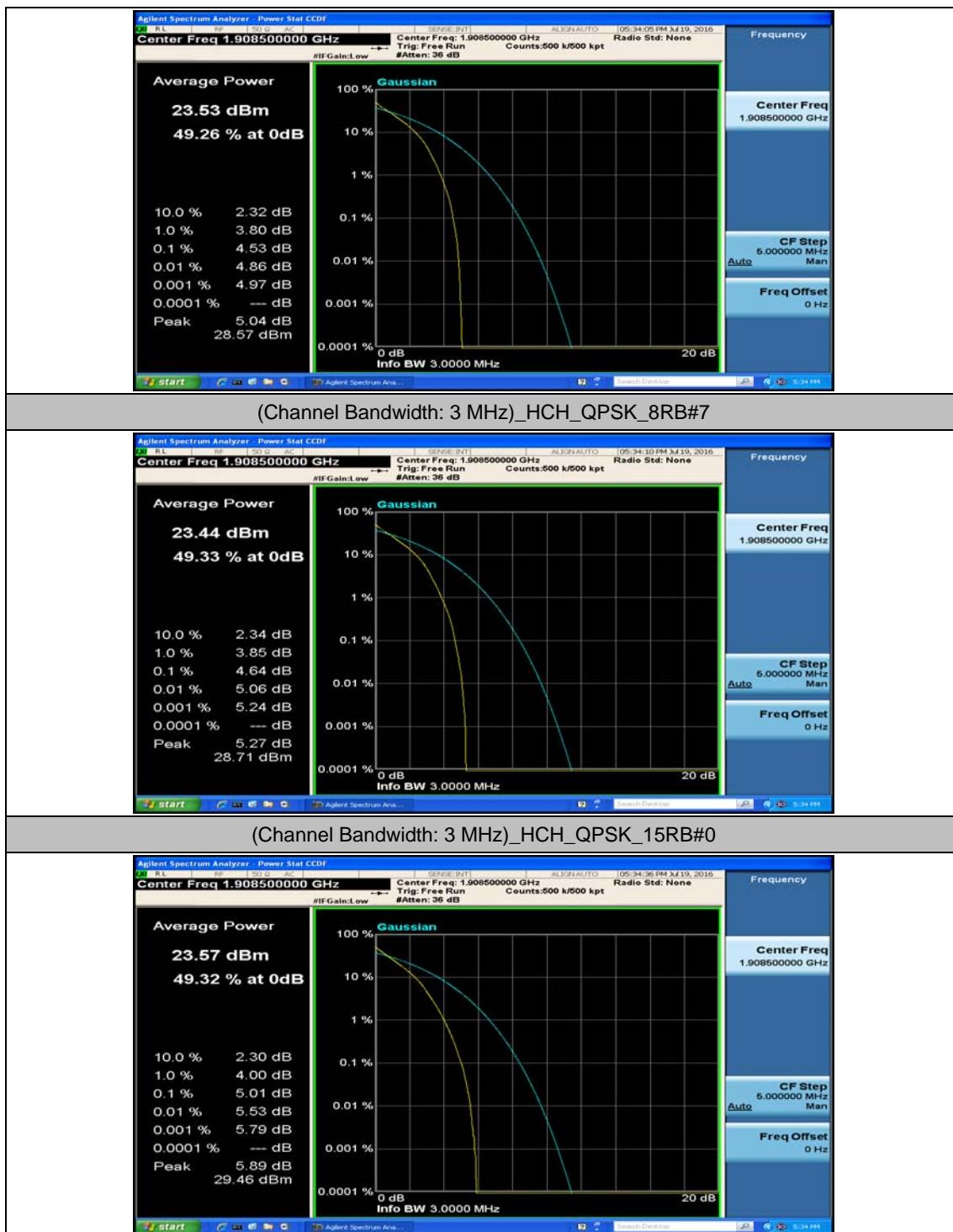


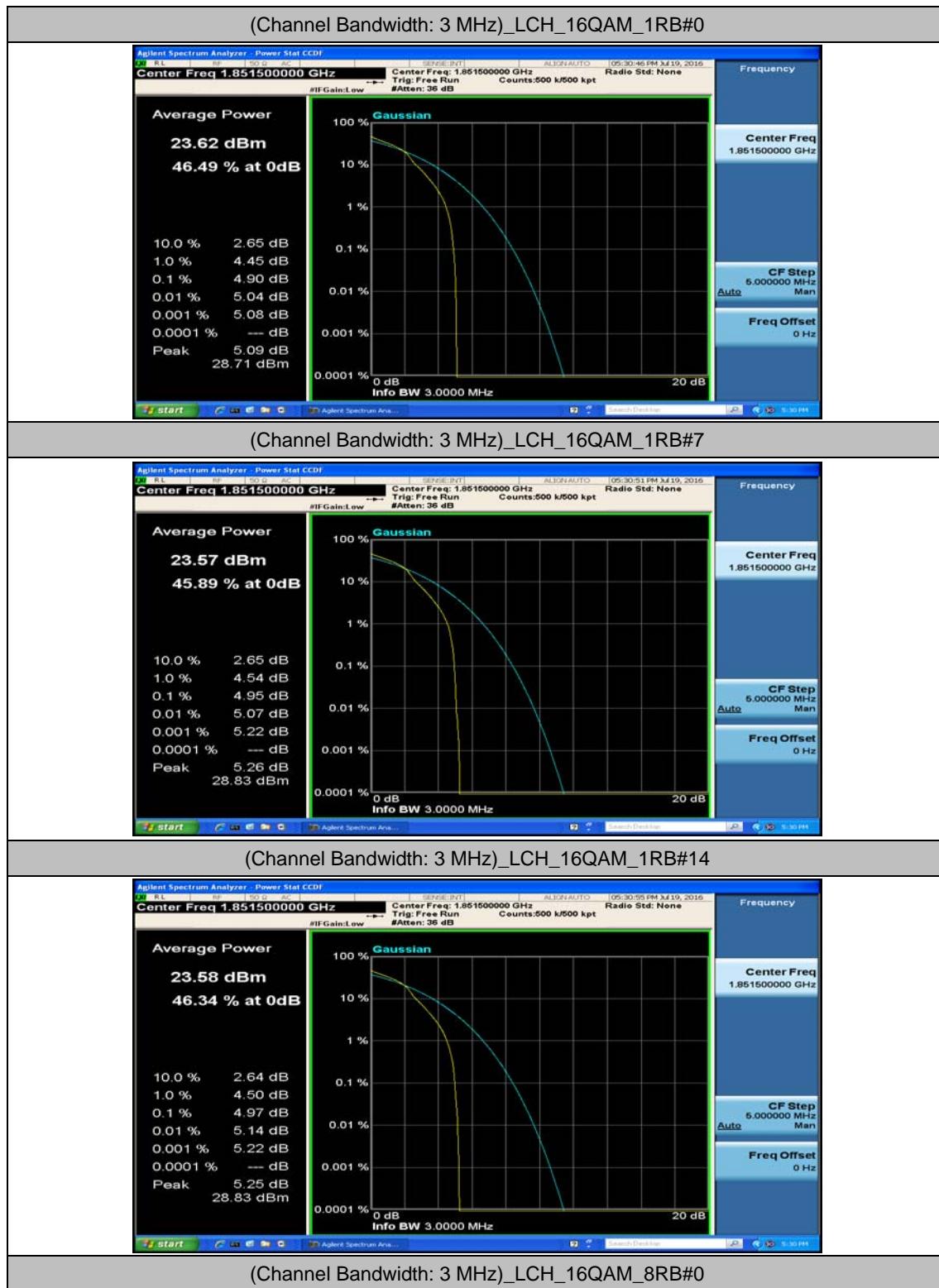


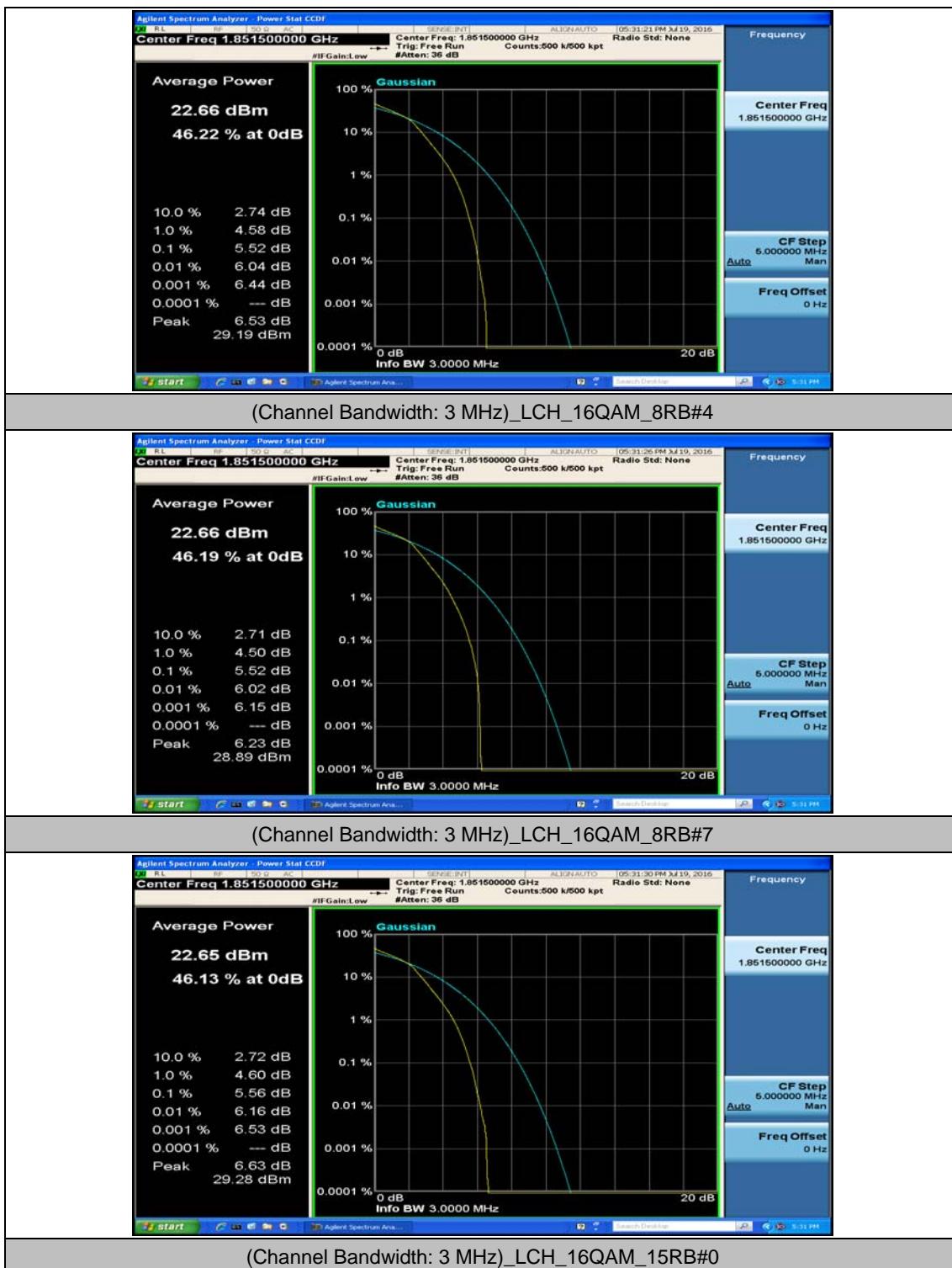


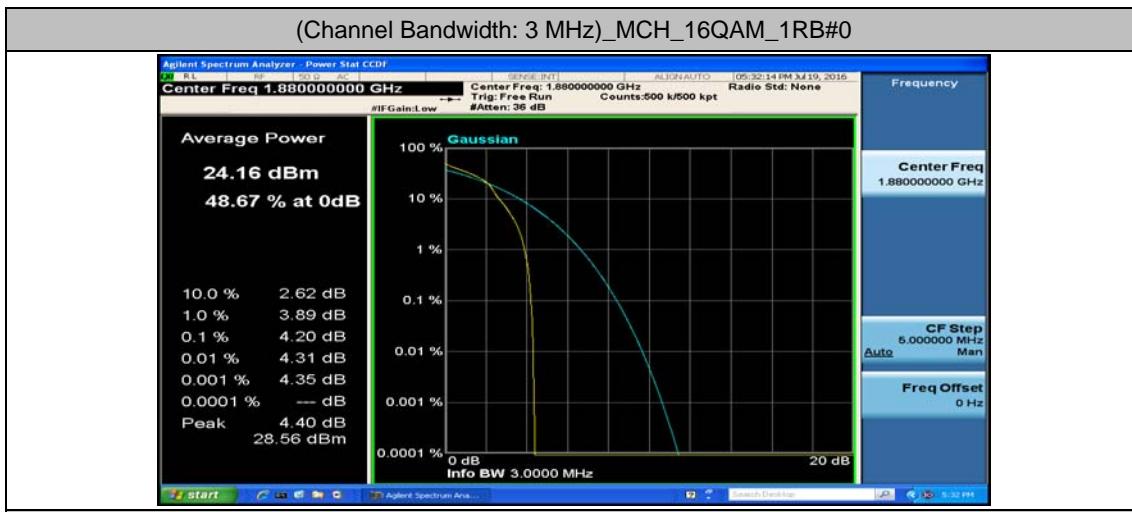
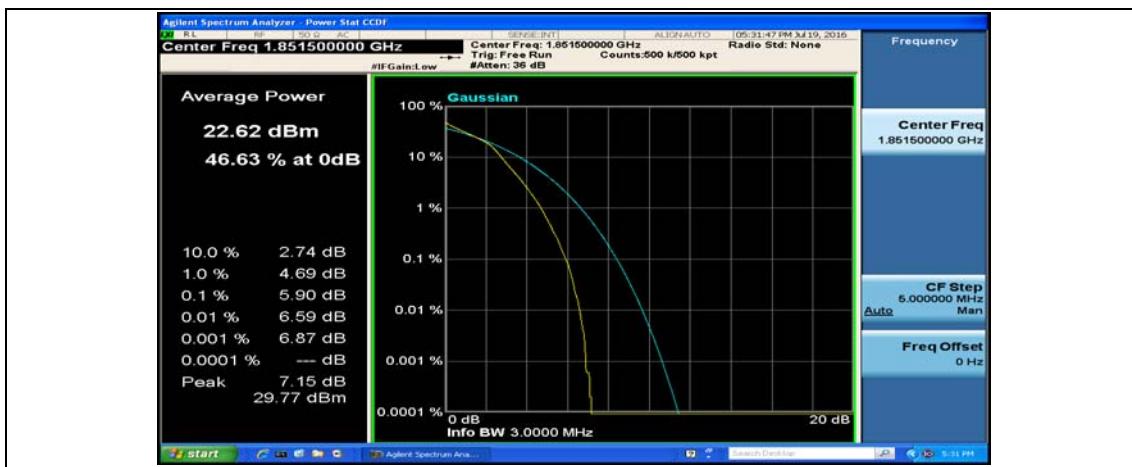




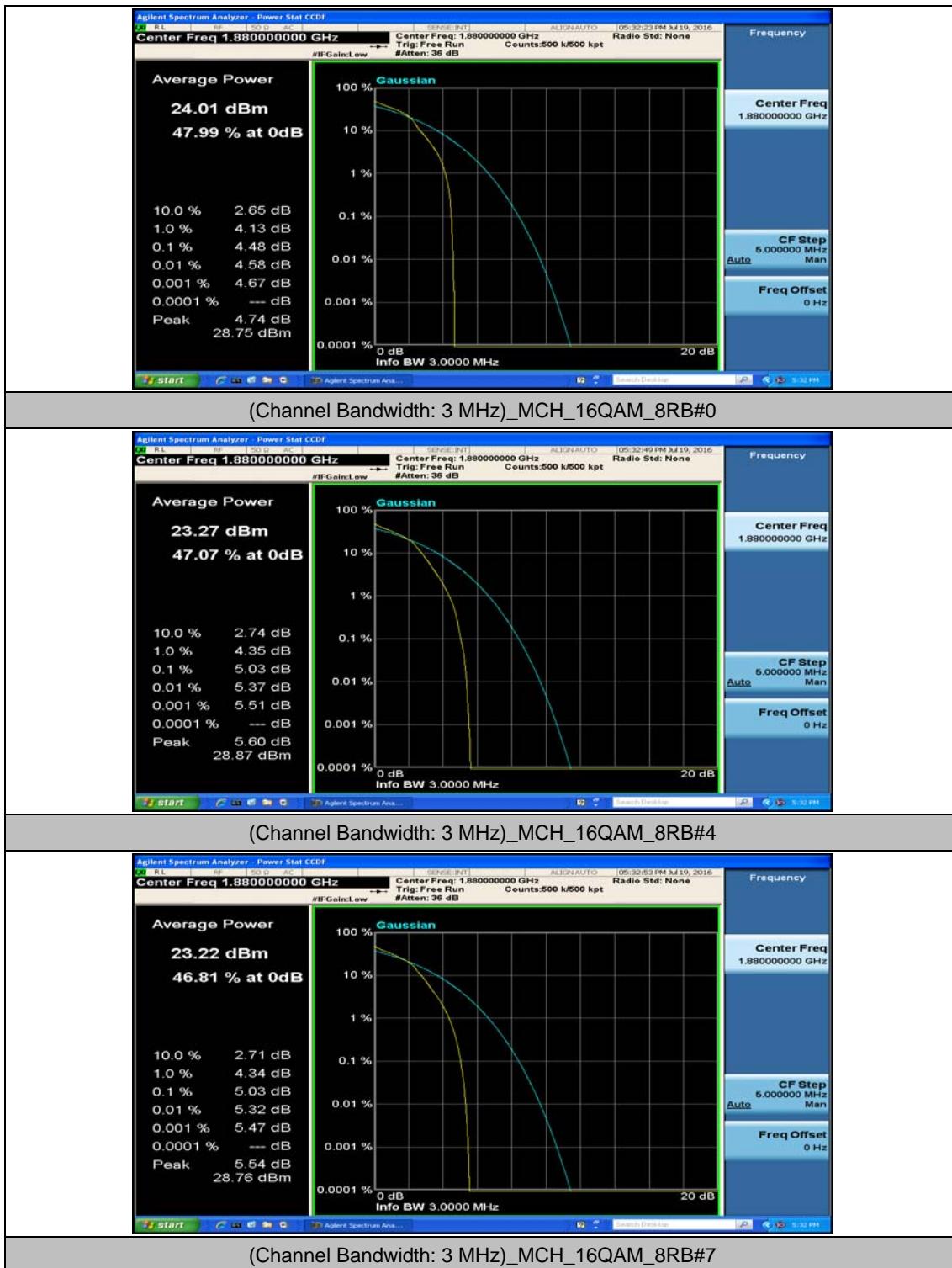


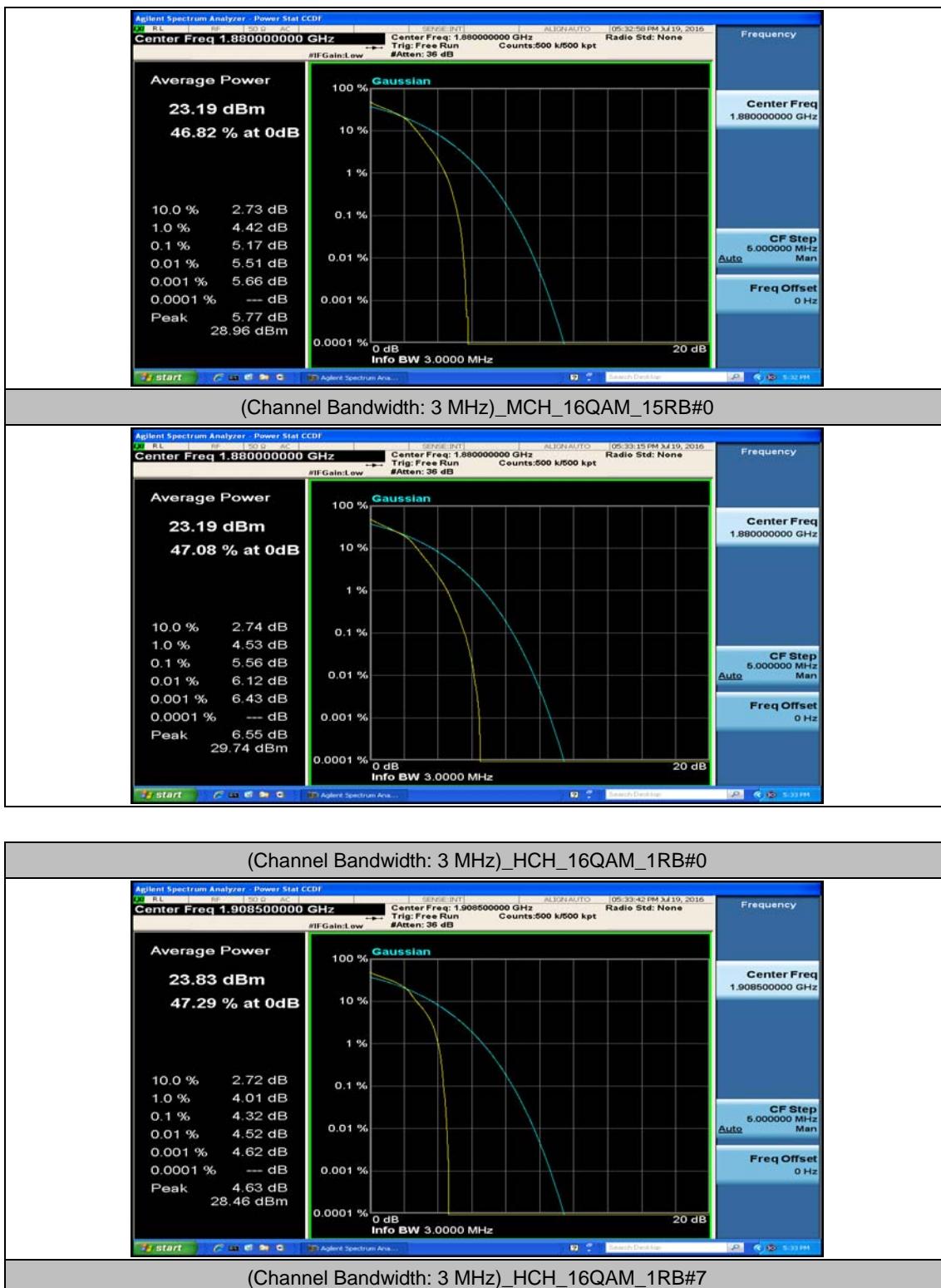


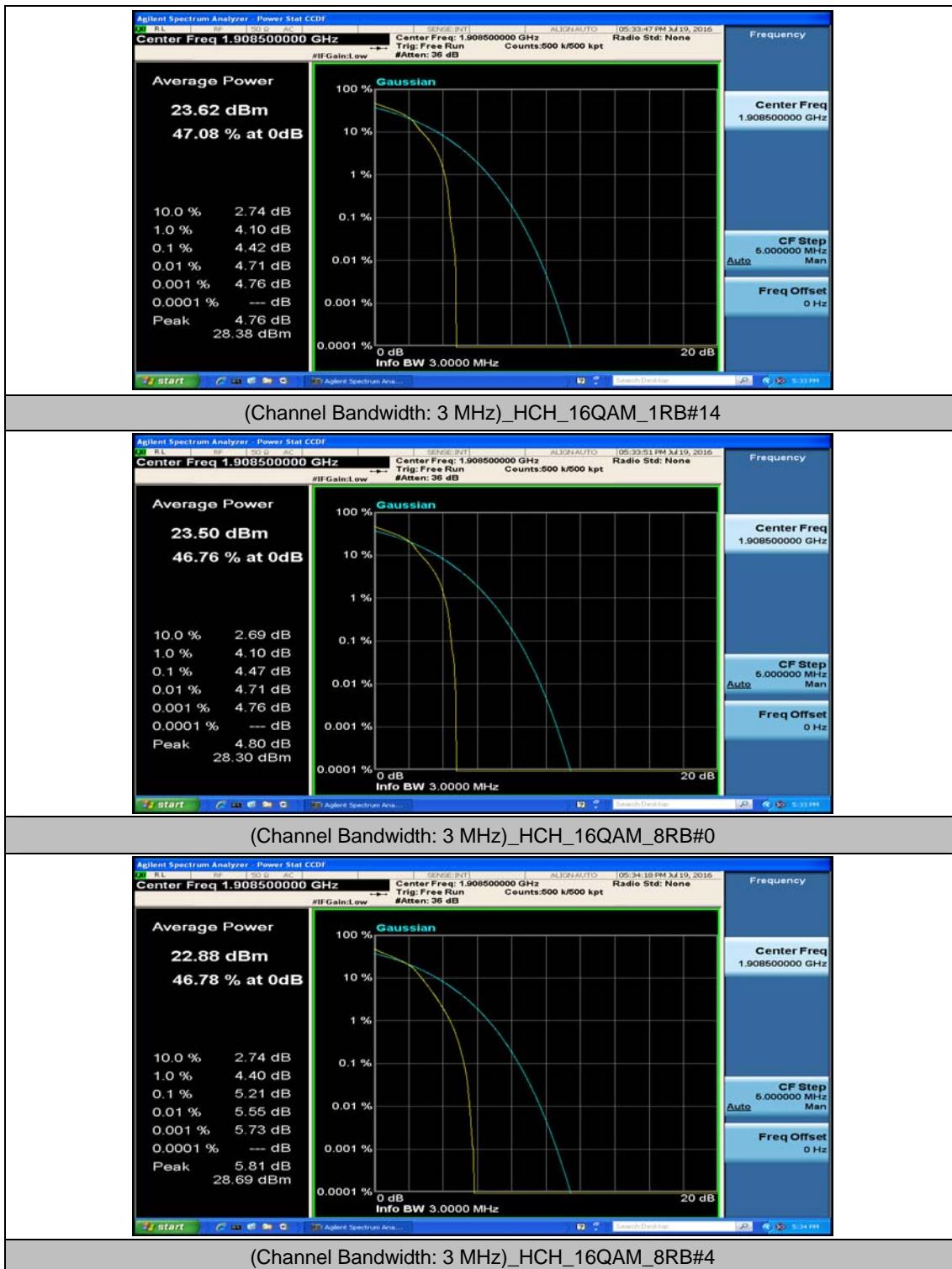


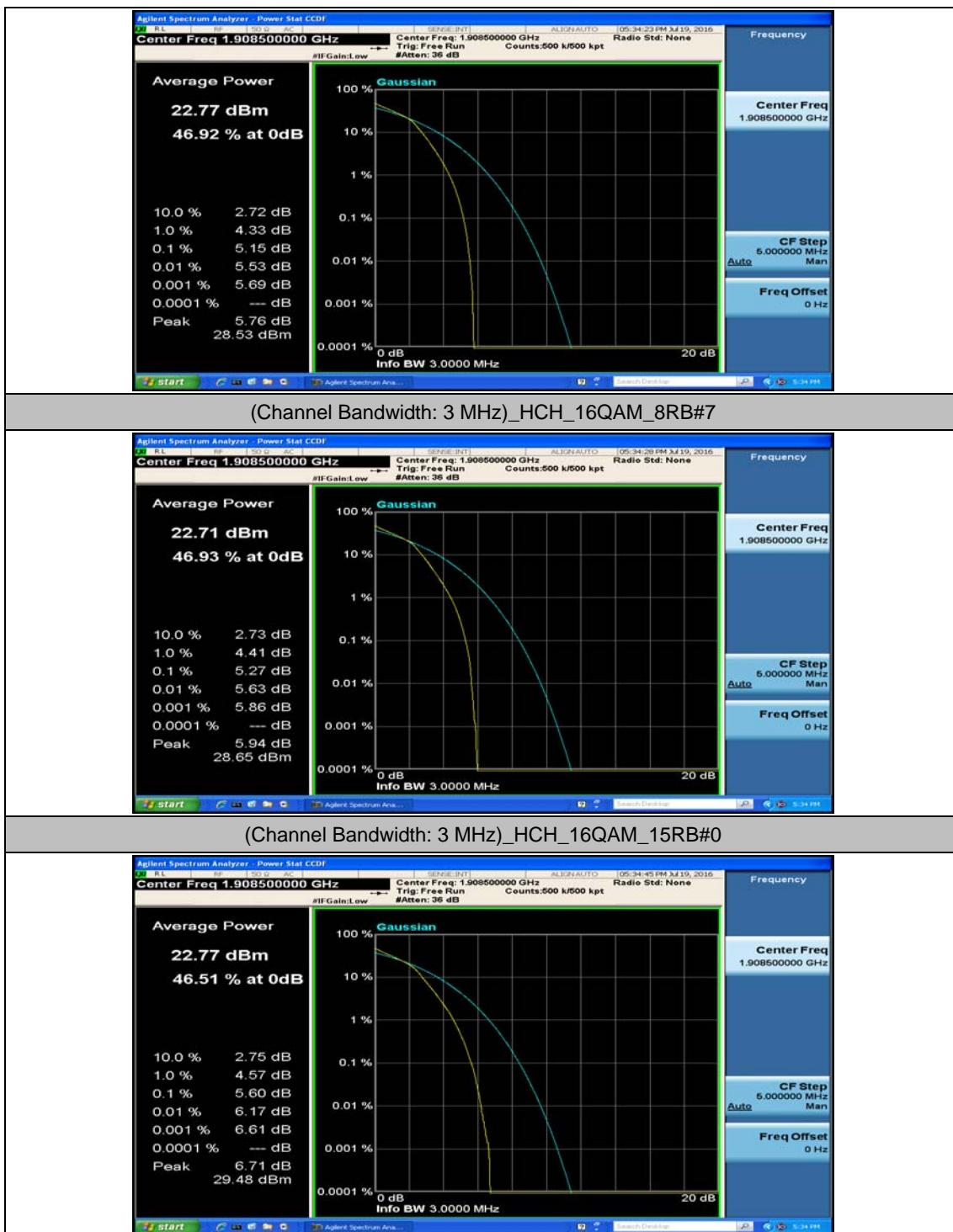


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14

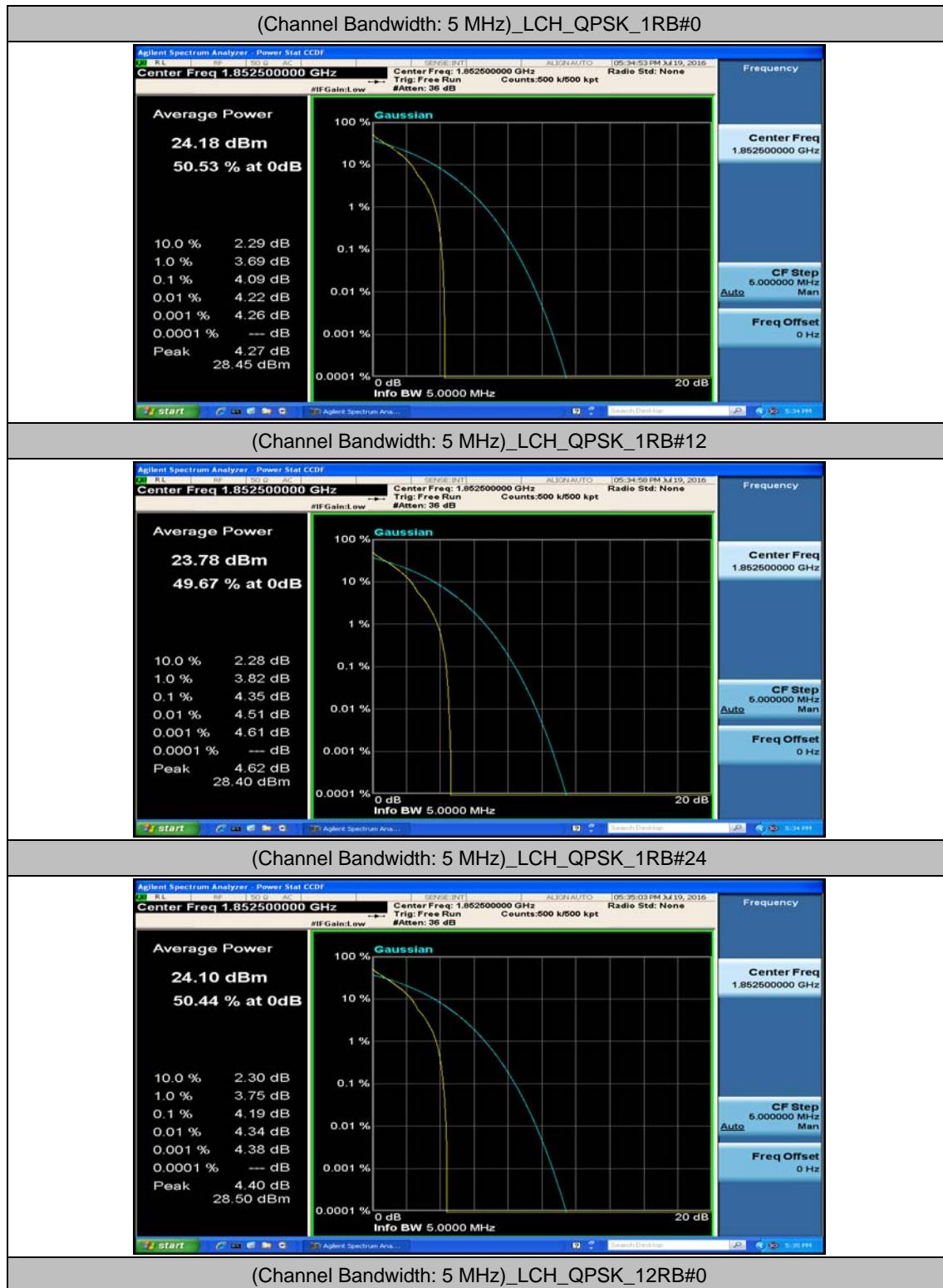


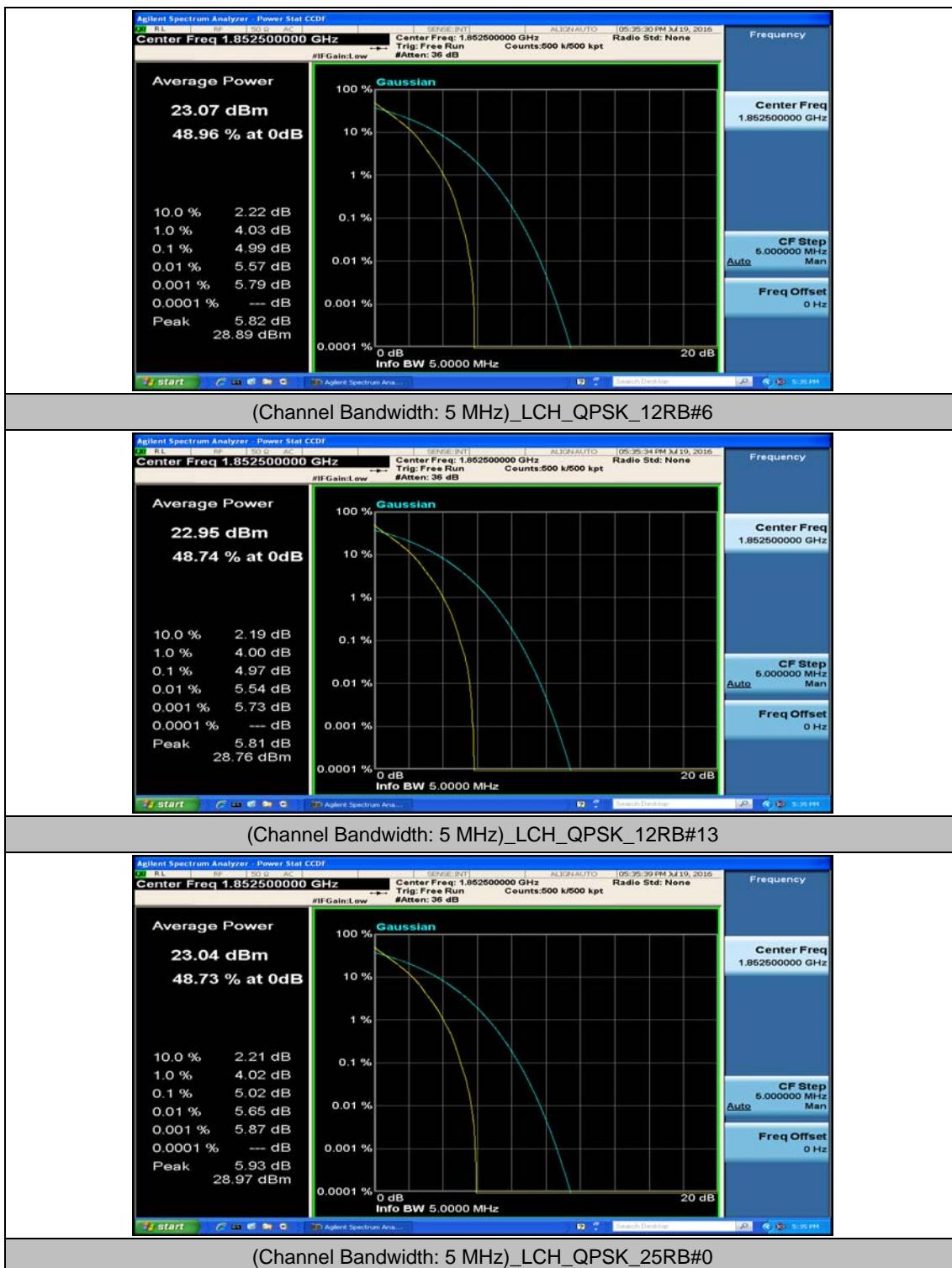


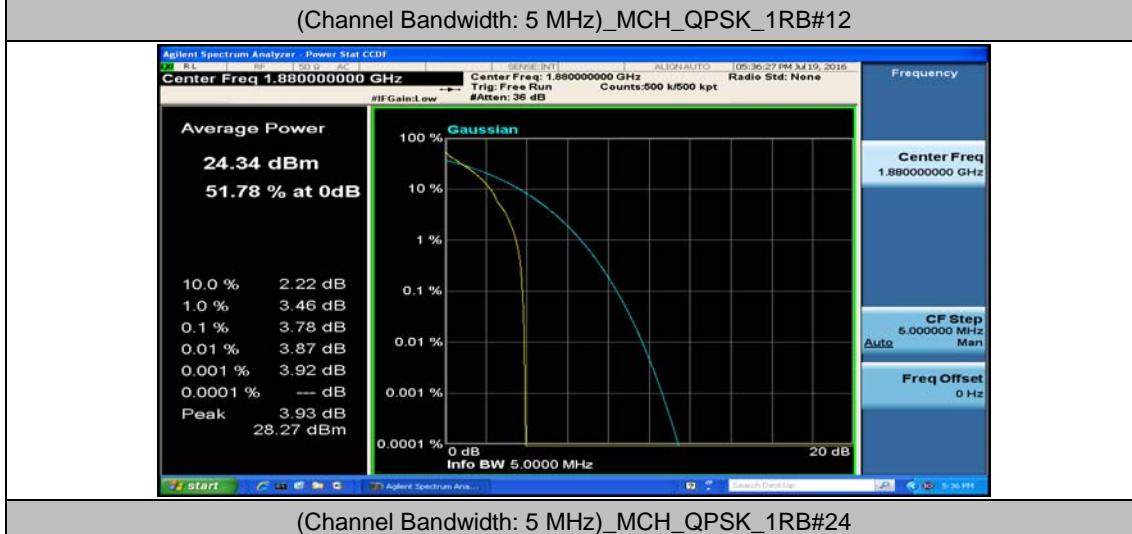
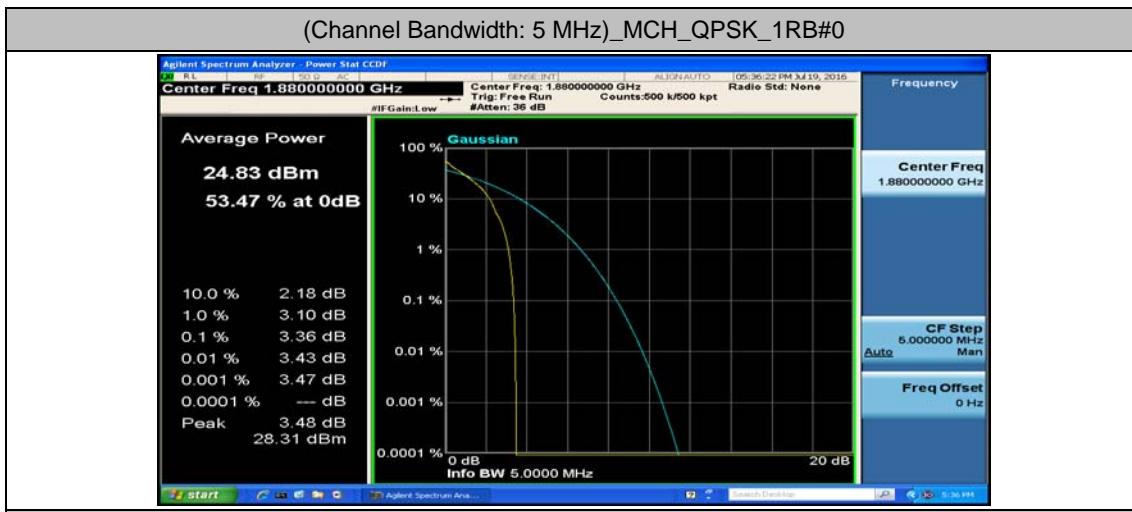
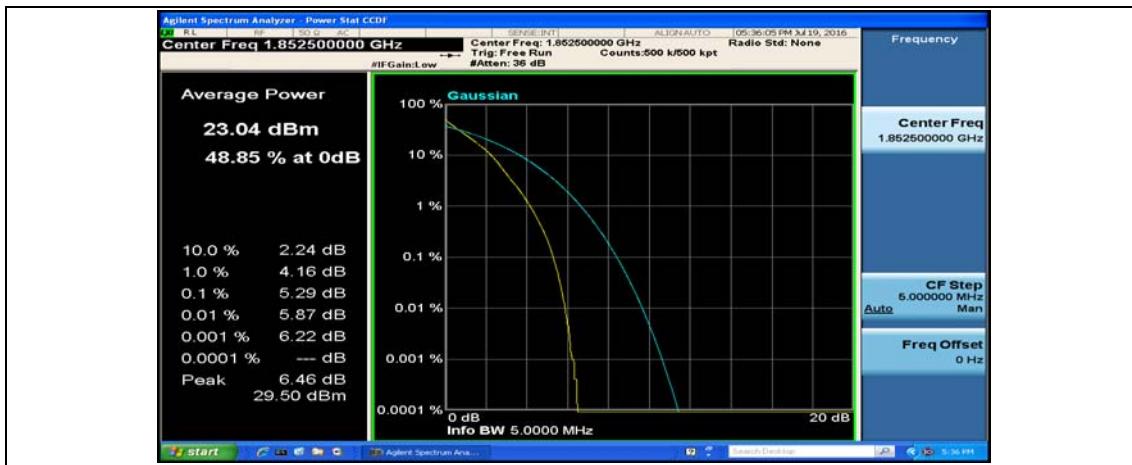


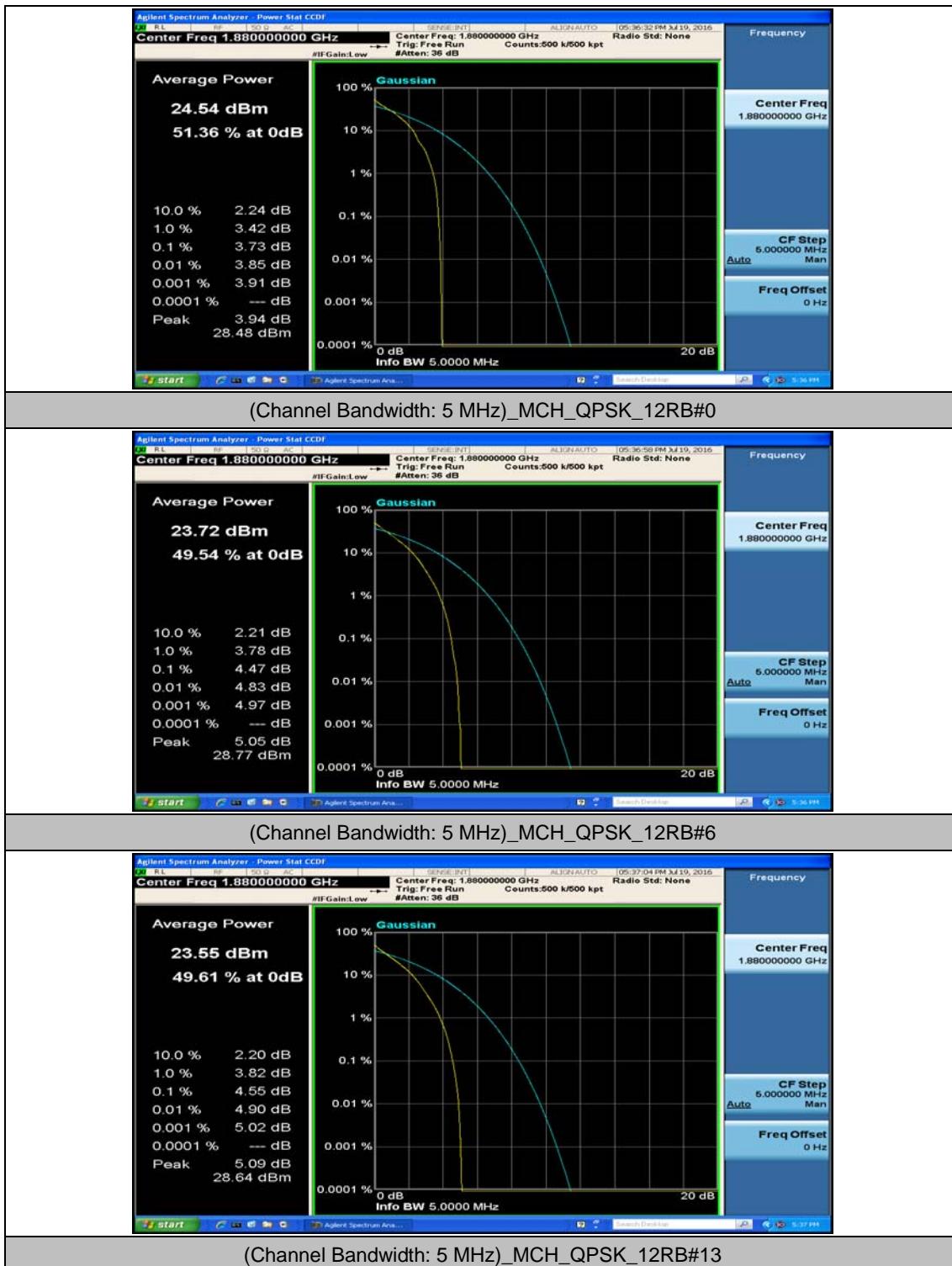


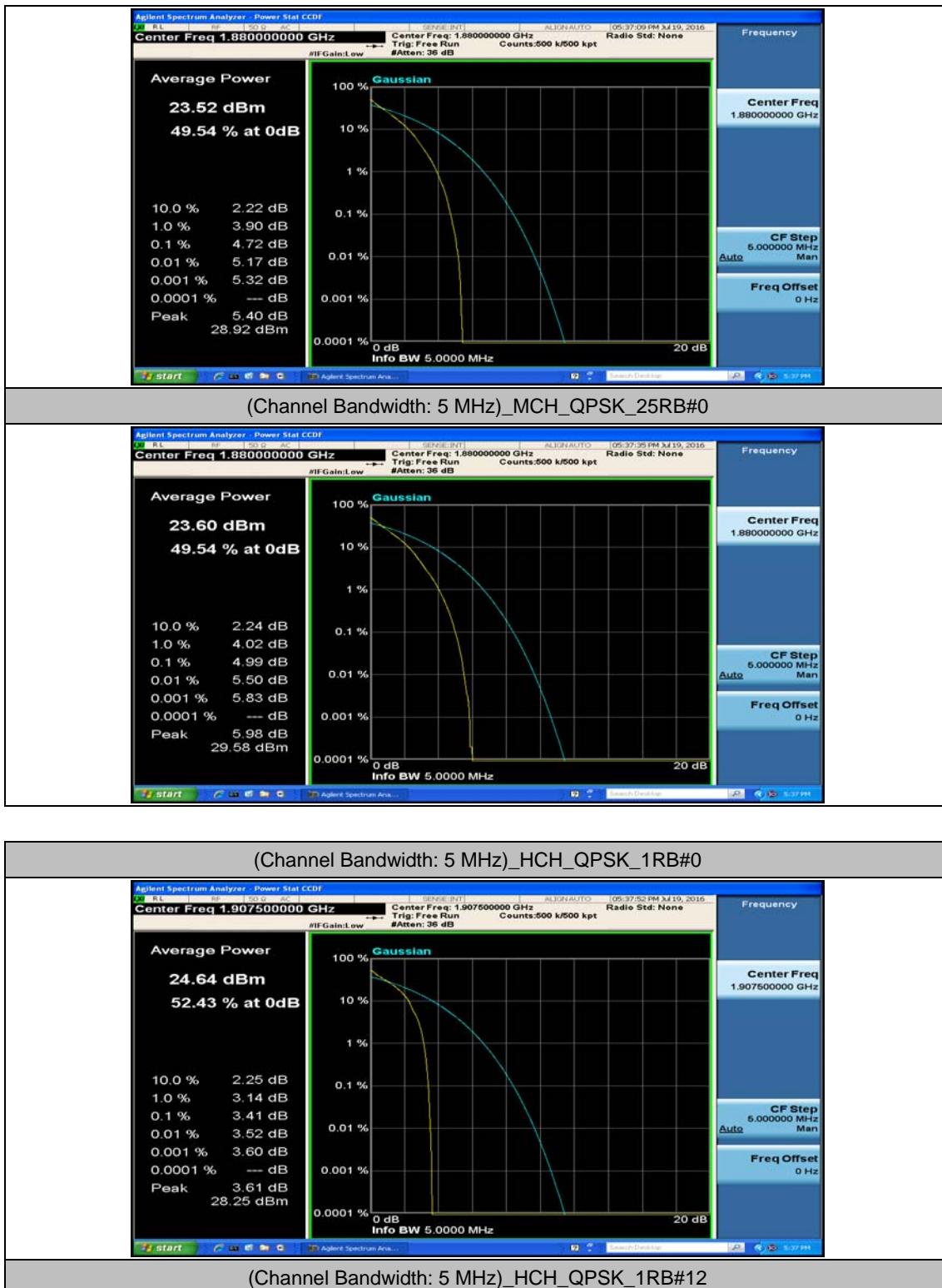
Channel Bandwidth: 5 MHz

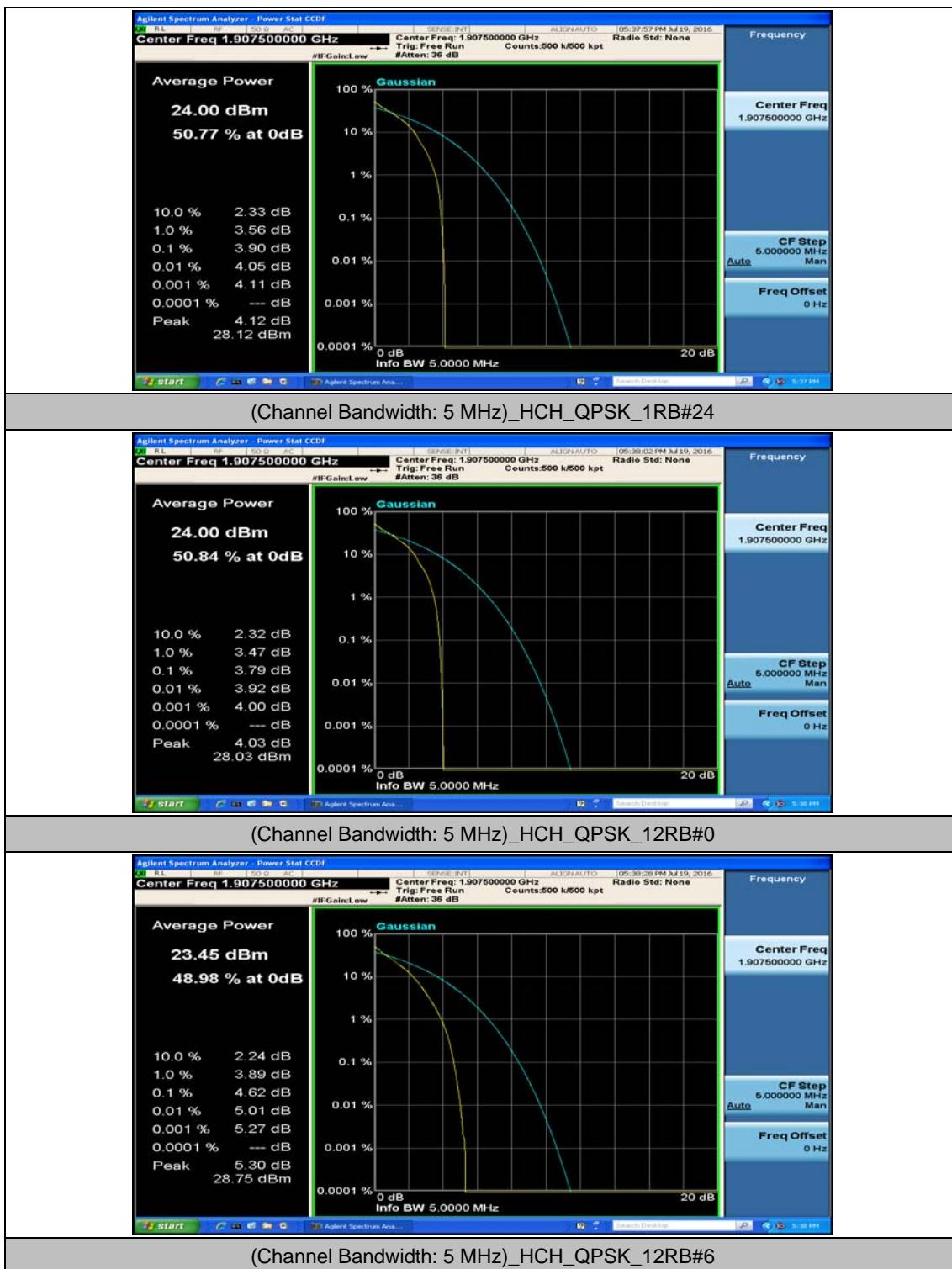


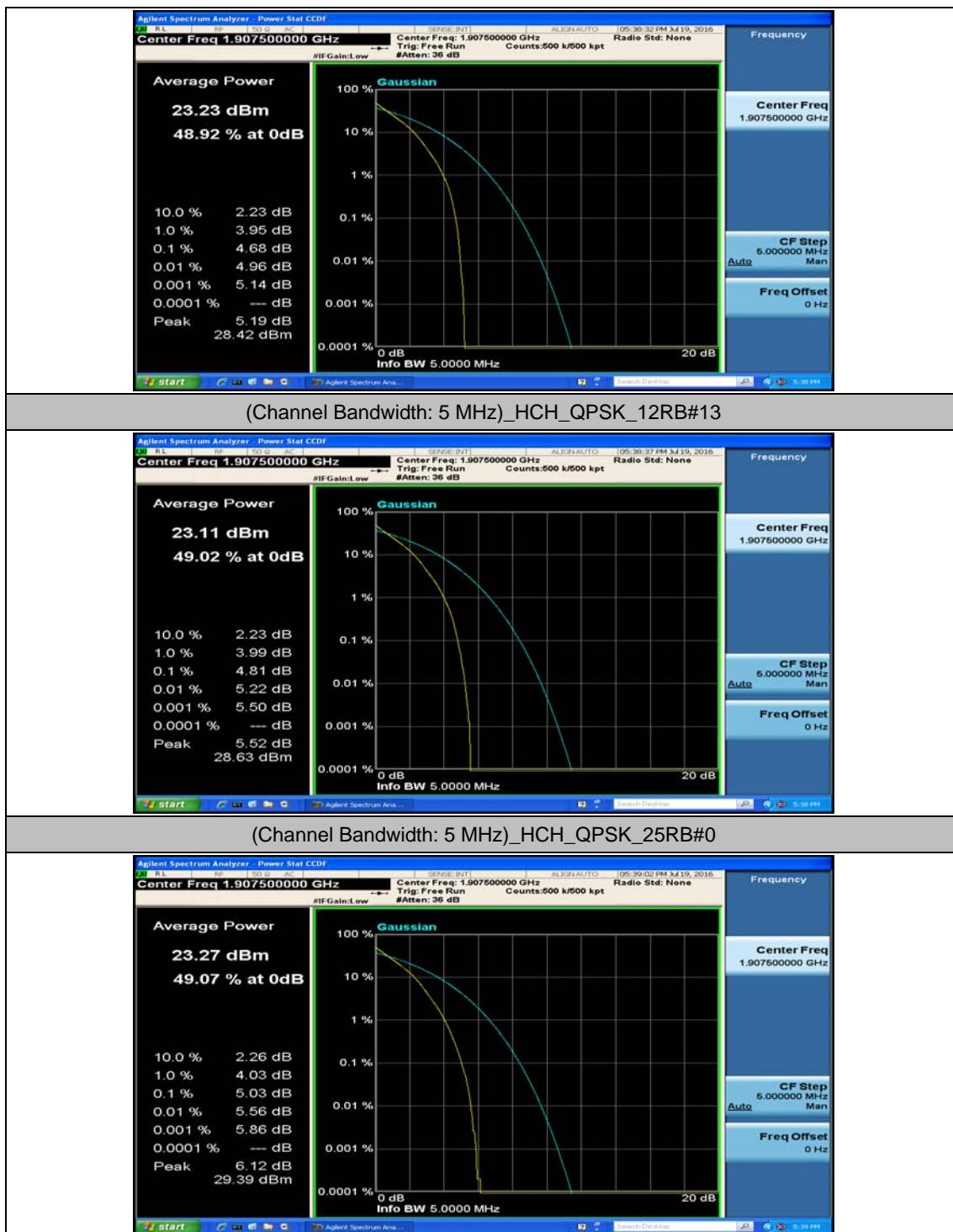


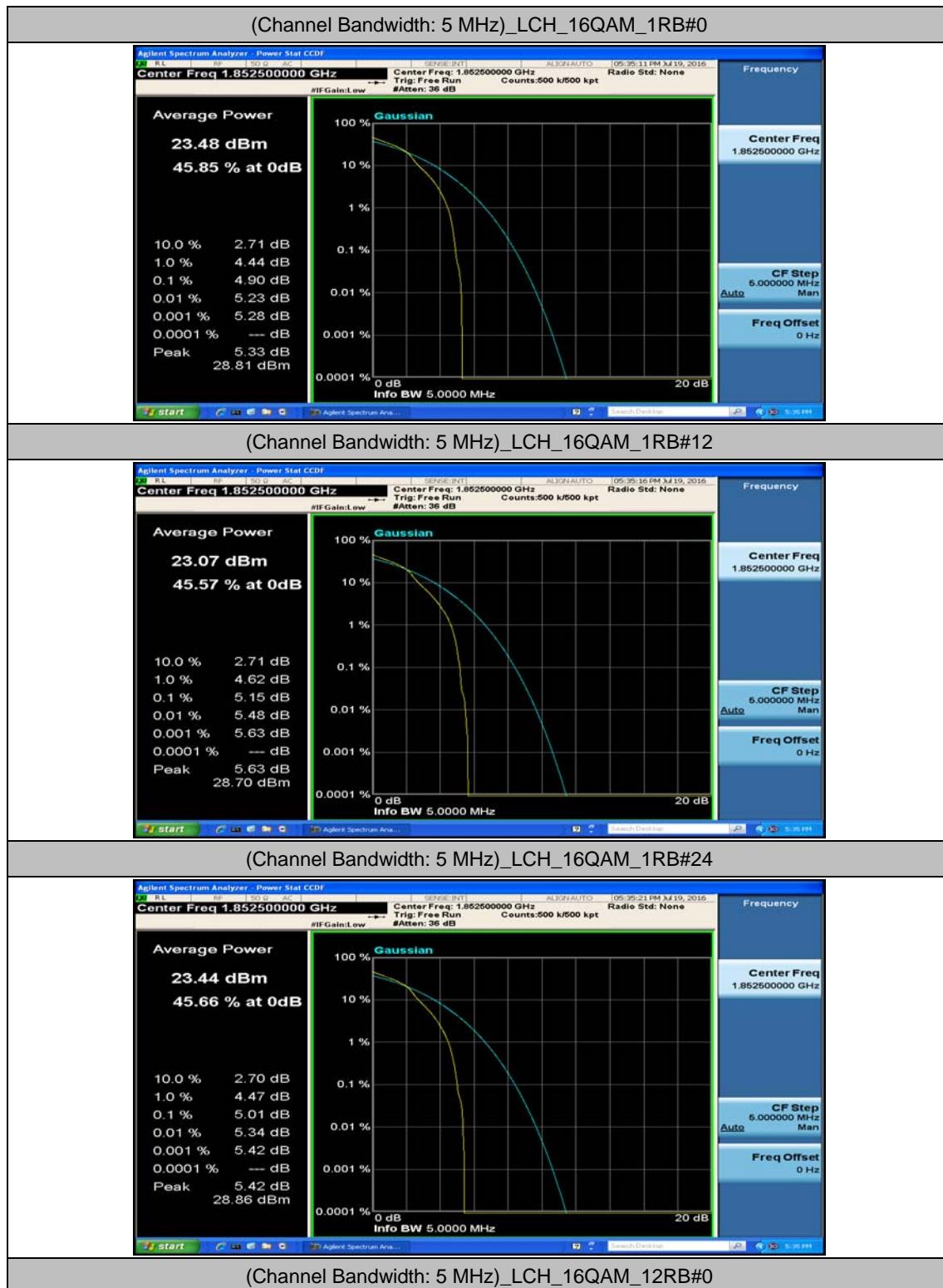


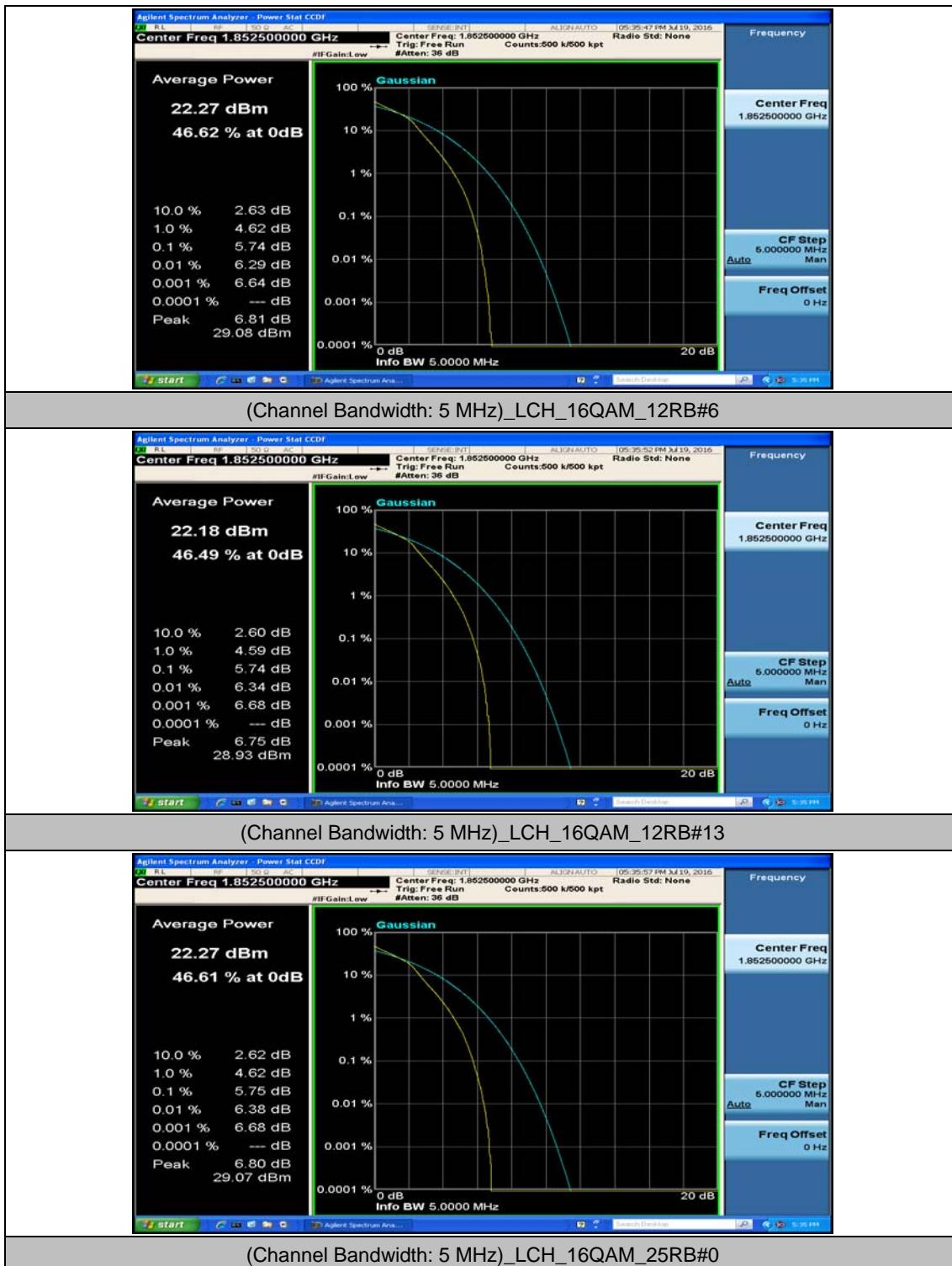


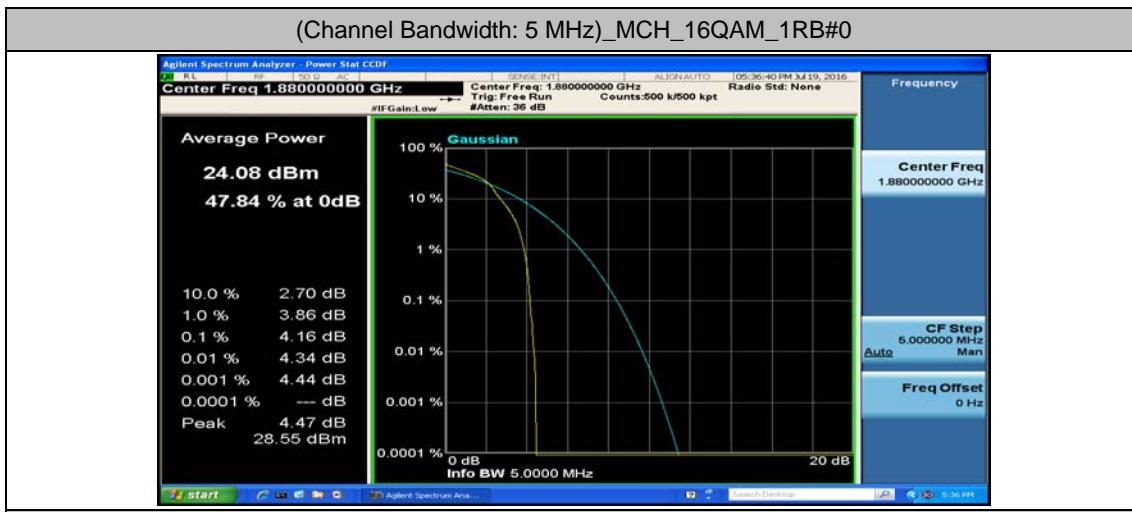
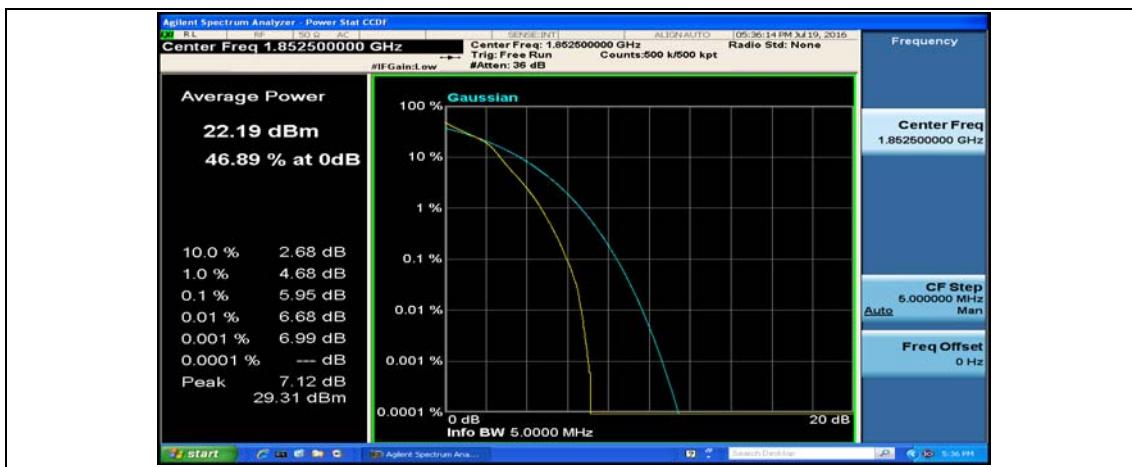












(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24

