

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	22.14	PASS
		1	3	22.65	PASS
		1	5	22.46	PASS
		3	0	21.97	PASS
		3	2	22.05	PASS
		3	3	22.81	PASS
		6	0	22.79	PASS
	MCH	1	0	22.35	PASS
		1	3	22.78	PASS
		1	5	22.22	PASS
		3	0	22.35	PASS
		3	2	22.28	PASS
		3	3	22.98	PASS
		6	0	22.53	PASS
16QAM	HCH	1	0	22.58	PASS
		1	3	22.22	PASS
		1	5	22.16	PASS
		3	0	22.48	PASS
		3	2	22.10	PASS
		3	3	22.69	PASS
		6	0	22.04	PASS
	LCH	1	0	22.39	PASS
		1	3	22.05	PASS
		1	5	22.75	PASS
		3	0	22.06	PASS
		3	2	22.68	PASS
		3	3	22.78	PASS
		6	0	22.68	PASS
	MCH	1	0	22.85	PASS
		1	3	22.77	PASS

		1	5	22.56	PASS
		3	0	22.66	PASS
		3	2	22.77	PASS
		3	3	22.42	PASS
		6	0	22.19	PASS
	HCH	1	0	22.13	PASS
		1	3	22.18	PASS
		1	5	22.05	PASS
		3	0	22.87	PASS
		3	2	22.03	PASS
		3	3	22.37	PASS
		6	0	22.69	PASS

Channel Bandwidth: 3 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	21.94	PASS
		1	7	22.67	PASS
		1	14	22.04	PASS
		8	0	22.60	PASS
		8	4	22.20	PASS
		8	7	22.62	PASS
		15	0	22.11	PASS
	MCH	1	0	22.72	PASS
		1	7	22.05	PASS
		1	14	22.26	PASS
		8	0	22.04	PASS
		8	4	22.40	PASS
		8	7	22.09	PASS
		15	0	22.00	PASS
	HCH	1	0	22.60	PASS
		1	7	22.27	PASS
		1	14	22.79	PASS
		8	0	22.31	PASS
		8	4	22.53	PASS
		8	7	22.50	PASS
		15	0	22.42	PASS
16QAM	LCH	1	0	22.66	PASS
		1	7	22.35	PASS
		1	14	22.39	PASS
		8	0	22.86	PASS

		8	4	22.71	PASS
		8	7	22.29	PASS
		15	0	22.52	PASS
MCH		1	0	22.57	PASS
		1	7	22.10	PASS
		1	14	22.48	PASS
		8	0	22.39	PASS
		8	4	22.26	PASS
		8	7	22.51	PASS
		15	0	22.33	PASS
		1	0	22.74	PASS
HCH		1	7	21.89	PASS
		1	14	22.29	PASS
		8	0	22.09	PASS
		8	4	22.24	PASS
		8	7	22.20	PASS
		15	0	22.05	PASS

Channel Bandwidth: 5 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.73	PASS
		1	12	22.25	PASS
		1	24	22.62	PASS
		12	0	22.44	PASS
		12	6	22.84	PASS
		12	13	22.75	PASS
		25	0	22.24	PASS
	MCH	1	0	22.25	PASS
		1	12	22.62	PASS
		1	24	22.82	PASS
		12	0	22.47	PASS
		12	6	22.48	PASS
		12	13	22.64	PASS
		25	0	22.29	PASS
	HCH	1	0	22.61	PASS
		1	12	22.14	PASS
		1	24	22.11	PASS
		12	0	22.18	PASS
		12	6	22.02	PASS

		12	13	22.20	PASS
		25	0	22.87	PASS
16QAM	LCH	1	0	22.85	PASS
		1	12	22.24	PASS
		1	24	22.12	PASS
		12	0	22.34	PASS
		12	6	21.94	PASS
		12	13	22.24	PASS
		25	0	22.25	PASS
	MCH	1	0	22.80	PASS
		1	12	22.74	PASS
		1	24	22.39	PASS
		12	0	21.98	PASS
		12	6	22.15	PASS
		12	13	22.34	PASS
		25	0	22.86	PASS
	HCH	1	0	22.82	PASS
		1	12	22.33	PASS
		1	24	21.92	PASS
		12	0	22.02	PASS
		12	6	22.46	PASS
		12	13	22.66	PASS
		25	0	22.73	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.14	PASS
		1	24	22.25	PASS
		1	49	22.80	PASS
		25	0	22.04	PASS
		25	12	22.42	PASS
		25	25	21.95	PASS
		50	0	22.63	PASS
	MCH	1	0	22.81	PASS
		1	24	22.12	PASS
		1	49	22.39	PASS
		25	0	22.52	PASS
		25	12	22.83	PASS
		25	25	22.80	PASS

		50	0	21.90	PASS
	HCH	1	0	22.30	PASS
		1	24	22.03	PASS
		1	49	22.83	PASS
		25	0	22.38	PASS
		25	12	22.25	PASS
		25	25	22.54	PASS
		50	0	22.41	PASS
	LCH	1	0	21.90	PASS
		1	24	22.86	PASS
		1	49	22.33	PASS
		25	0	22.24	PASS
		25	12	22.72	PASS
		25	25	22.00	PASS
		50	0	22.25	PASS
	MCH	1	0	22.45	PASS
		1	24	22.27	PASS
		1	49	22.25	PASS
		25	0	22.17	PASS
		25	12	22.57	PASS
		25	25	21.96	PASS
		50	0	22.50	PASS
	HCH	1	0	22.76	PASS
		1	24	22.14	PASS
		1	49	22.15	PASS
		25	0	22.55	PASS
		25	12	22.84	PASS
		25	25	21.98	PASS
		50	0	21.93	PASS

Channel Bandwidth: 15 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
	LCH	1	0	22.07	PASS
		1	37	22.17	PASS
		1	74	22.30	PASS
		37	0	22.75	PASS
		37	18	22.84	PASS
		37	38	22.09	PASS
		75	0	22.84	PASS

MCH	MCH	1	0	22.46	PASS
		1	37	22.23	PASS
		1	74	22.74	PASS
		37	0	22.80	PASS
		37	18	22.00	PASS
		37	38	22.32	PASS
		75	0	22.79	PASS
	HCH	1	0	22.87	PASS
		1	37	22.30	PASS
		1	74	22.25	PASS
		37	0	22.63	PASS
		37	18	22.65	PASS
		37	38	22.02	PASS
		75	0	22.38	PASS
16QAM	LCH	1	0	22.08	PASS
		1	37	22.56	PASS
		1	74	22.69	PASS
		37	0	22.34	PASS
		37	18	22.83	PASS
		37	38	22.06	PASS
		75	0	22.43	PASS
	MCH	1	0	22.45	PASS
		1	37	22.32	PASS
		1	74	22.42	PASS
		37	0	22.63	PASS
		37	18	22.76	PASS
		37	38	22.54	PASS
		75	0	22.72	PASS
	HCH	1	0	22.56	PASS
		1	37	22.70	PASS
		1	74	22.46	PASS
		37	0	22.16	PASS
		37	18	22.53	PASS
		37	38	22.85	PASS
		75	0	22.81	PASS

Channel Bandwidth: 20 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	21.91	PASS
		1	49	22.56	PASS

		1	99	22.47	PASS
		50	0	22.14	PASS
		50	25	21.96	PASS
		50	50	22.25	PASS
		100	0	22.59	PASS
	MCH	1	0	21.98	PASS
		1	49	22.48	PASS
		1	99	22.12	PASS
		50	0	22.88	PASS
		50	25	22.66	PASS
		50	50	22.07	PASS
		100	0	22.09	PASS
	HCH	1	0	22.85	PASS
		1	49	22.68	PASS
		1	99	22.52	PASS
		50	0	22.56	PASS
		50	25	22.38	PASS
		50	50	22.74	PASS
		100	0	22.15	PASS
16QAM	LCH	1	0	22.56	PASS
		1	49	22.45	PASS
		1	99	22.59	PASS
		50	0	22.64	PASS
		50	25	21.99	PASS
		50	50	22.09	PASS
		100	0	22.72	PASS
	MCH	1	0	22.44	PASS
		1	49	22.16	PASS
		1	99	22.33	PASS
		50	0	22.84	PASS
		50	25	21.89	PASS
		50	50	21.97	PASS
		100	0	22.85	PASS
	HCH	1	0	22.36	PASS
		1	49	22.87	PASS
		1	99	22.11	PASS
		50	0	22.44	PASS
		50	25	22.03	PASS
		50	50	22.42	PASS
		100	0	21.98	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	3.61	<13	PASS
		1	3	3.52	<13	PASS
		1	5	3.6	<13	PASS
		3	0	4.01	<13	PASS
		3	2	4.01	<13	PASS
		3	3	4.04	<13	PASS
		6	0	5.71	<13	PASS
	MCH	1	0	4.32	<13	PASS
		1	3	4.19	<13	PASS
		1	5	4.25	<13	PASS
		3	0	4.72	<13	PASS
		3	2	4.64	<13	PASS
		3	3	4.63	<13	PASS
		6	0	5.54	<13	PASS
16QAM	LCH	1	0	2.18	<13	PASS
		1	3	1.83	<13	PASS
		1	5	1.74	<13	PASS
		3	0	2.46	<13	PASS
		3	2	2.19	<13	PASS
		3	3	2.24	<13	PASS
		6	0	3.48	<13	PASS
	MCH	1	0	4.5	<13	PASS
		1	3	4.34	<13	PASS
		1	5	4.55	<13	PASS
		3	0	5.87	<13	PASS
		3	2	5.82	<13	PASS
		3	3	5.86	<13	PASS
		6	0	6.53	<13	PASS

		3	2	5.56	<13	PASS
		3	3	5.57	<13	PASS
		6	0	6.4	<13	PASS
HCH		1	0	3.32	<13	PASS
		1	3	3.04	<13	PASS
		1	5	2.97	<13	PASS
		3	0	3.36	<13	PASS
		3	2	3.15	<13	PASS
		3	3	3.13	<13	PASS
		6	0	4.5	<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	4.66	<13	PASS
		1	7	4.52	<13	PASS
		1	14	4.51	<13	PASS
		8	0	5.53	<13	PASS
		8	4	5.52	<13	PASS
		8	7	5.5	<13	PASS
		15	0	5.65	<13	PASS
	MCH	1	0	4.59	<13	PASS
		1	7	4.38	<13	PASS
		1	14	4.29	<13	PASS
		8	0	5.54	<13	PASS
		8	4	5.48	<13	PASS
		8	7	5.38	<13	PASS
		15	0	5.58	<13	PASS
	HCH	1	0	2.93	<13	PASS
		1	7	2.2	<13	PASS
		1	14	1.68	<13	PASS
		8	0	3.94	<13	PASS
		8	4	3.44	<13	PASS
		8	7	3.33	<13	PASS
		15	0	4.34	<13	PASS
16QAM	LCH	1	0	5.55	<13	PASS
		1	7	5.49	<13	PASS
		1	14	5.45	<13	PASS
		8	0	6.2	<13	PASS
		8	4	6.14	<13	PASS

		8	7	6.1	<13	PASS
		15	0	6.47	<13	PASS
MCH		1	0	5.51	<13	PASS
		1	7	5.33	<13	PASS
		1	14	5.28	<13	PASS
		8	0	6.16	<13	PASS
		8	4	6.1	<13	PASS
		8	7	6.11	<13	PASS
		15	0	6.45	<13	PASS
HCH		1	0	3.99	<13	PASS
		1	7	3.43	<13	PASS
		1	14	2.95	<13	PASS
		8	0	4.88	<13	PASS
		8	4	4.45	<13	PASS
		8	7	4.36	<13	PASS
		15	0	5.13	<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	4.45	<13	PASS
		1	12	4.35	<13	PASS
		1	24	4.2	<13	PASS
		12	0	5.47	<13	PASS
		12	6	5.33	<13	PASS
		12	13	5.24	<13	PASS
		25	0	5.62	<13	PASS
	MCH	1	0	4.49	<13	PASS
		1	12	4.3	<13	PASS
		1	24	4.01	<13	PASS
		12	0	5.58	<13	PASS
		12	6	5.42	<13	PASS
		12	13	5.28	<13	PASS
		25	0	5.69	<13	PASS
	HCH	1	0	3.57	<13	PASS
		1	12	2.67	<13	PASS
		1	24	1.72	<13	PASS
		12	0	4.66	<13	PASS
		12	6	4.04	<13	PASS
		12	13	3.52	<13	PASS

		25	0	4.64	<13	PASS
16QAM	LCH	1	0	5.44	<13	PASS
		1	12	5.22	<13	PASS
		1	24	5.09	<13	PASS
		12	0	6.28	<13	PASS
		12	6	6.19	<13	PASS
		12	13	6.03	<13	PASS
		25	0	6.33	<13	PASS
	MCH	1	0	5.47	<13	PASS
		1	12	5.29	<13	PASS
		1	24	5.05	<13	PASS
		12	0	6.29	<13	PASS
		12	6	6.2	<13	PASS
		12	13	6.09	<13	PASS
		25	0	6.39	<13	PASS
	HCH	1	0	4.53	<13	PASS
		1	12	3.64	<13	PASS
		1	24	2.81	<13	PASS
		12	0	5.61	<13	PASS
		12	6	5.06	<13	PASS
		12	13	4.59	<13	PASS
		25	0	5.49	<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	4.55	<13	PASS
		1	24	4.23	<13	PASS
		1	49	3.97	<13	PASS
		25	0	5.45	<13	PASS
		25	12	5.24	<13	PASS
		25	25	5.13	<13	PASS
		50	0	5.41	<13	PASS
	MCH	1	0	4.63	<13	PASS
		1	24	4.45	<13	PASS
		1	49	3.81	<13	PASS
		25	0	5.63	<13	PASS
		25	12	5.53	<13	PASS
		25	25	5.27	<13	PASS
		50	0	5.56	<13	PASS

		1	0	3.82	<13	PASS
	HCH	1	24	3.65	<13	PASS
		1	49	1.81	<13	PASS
		25	0	5.34	<13	PASS
		25	12	5.1	<13	PASS
		25	25	4.49	<13	PASS
		50	0	5.15	<13	PASS
		1	0	5.57	<13	PASS
	LCH	1	24	5.24	<13	PASS
		1	49	4.95	<13	PASS
		25	0	6.21	<13	PASS
		25	12	5.99	<13	PASS
		25	25	5.95	<13	PASS
		50	0	6.13	<13	PASS
		1	0	5.67	<13	PASS
	MCH	1	24	5.33	<13	PASS
		1	49	4.79	<13	PASS
		25	0	6.46	<13	PASS
		25	12	6.37	<13	PASS
		25	25	6.08	<13	PASS
		50	0	6.28	<13	PASS
		1	0	4.95	<13	PASS
	HCH	1	24	4.76	<13	PASS
		1	49	3.06	<13	PASS
		25	0	6.15	<13	PASS
		25	12	5.95	<13	PASS
		25	25	5.41	<13	PASS
		50	0	5.96	<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	8.32	<13	PASS
		1	37	4.02	<13	PASS
		1	74	8.24	<13	PASS
		37	0	4.6	<13	PASS
		37	18	5.15	<13	PASS
		37	38	4.67	<13	PASS
		75	0	4.91	<13	PASS
	MCH	1	0	8.51	<13	PASS

	16QAM	HCH	1	37	4.36	<13	PASS
			1	74	8.29	<13	PASS
			37	0	4.86	<13	PASS
			37	18	5.52	<13	PASS
			37	38	4.76	<13	PASS
			75	0	5.01	<13	PASS
		LCH	1	0	8.61	<13	PASS
			1	37	3.86	<13	PASS
			1	74	9.59	<13	PASS
			37	0	4.69	<13	PASS
			37	18	5.29	<13	PASS
			37	38	4.72	<13	PASS
			75	0	5.07	<13	PASS
		MCH	1	0	8.78	<13	PASS
			1	37	4.97	<13	PASS
			1	74	8.53	<13	PASS
			37	0	5.82	<13	PASS
			37	18	5.92	<13	PASS
			37	38	5.84	<13	PASS
			75	0	6.1	<13	PASS
		HCH	1	0	8.48	<13	PASS
			1	37	5.36	<13	PASS
			1	74	8.57	<13	PASS
			37	0	6.15	<13	PASS
			37	18	6.33	<13	PASS
			37	38	5.98	<13	PASS
			75	0	6.31	<13	PASS

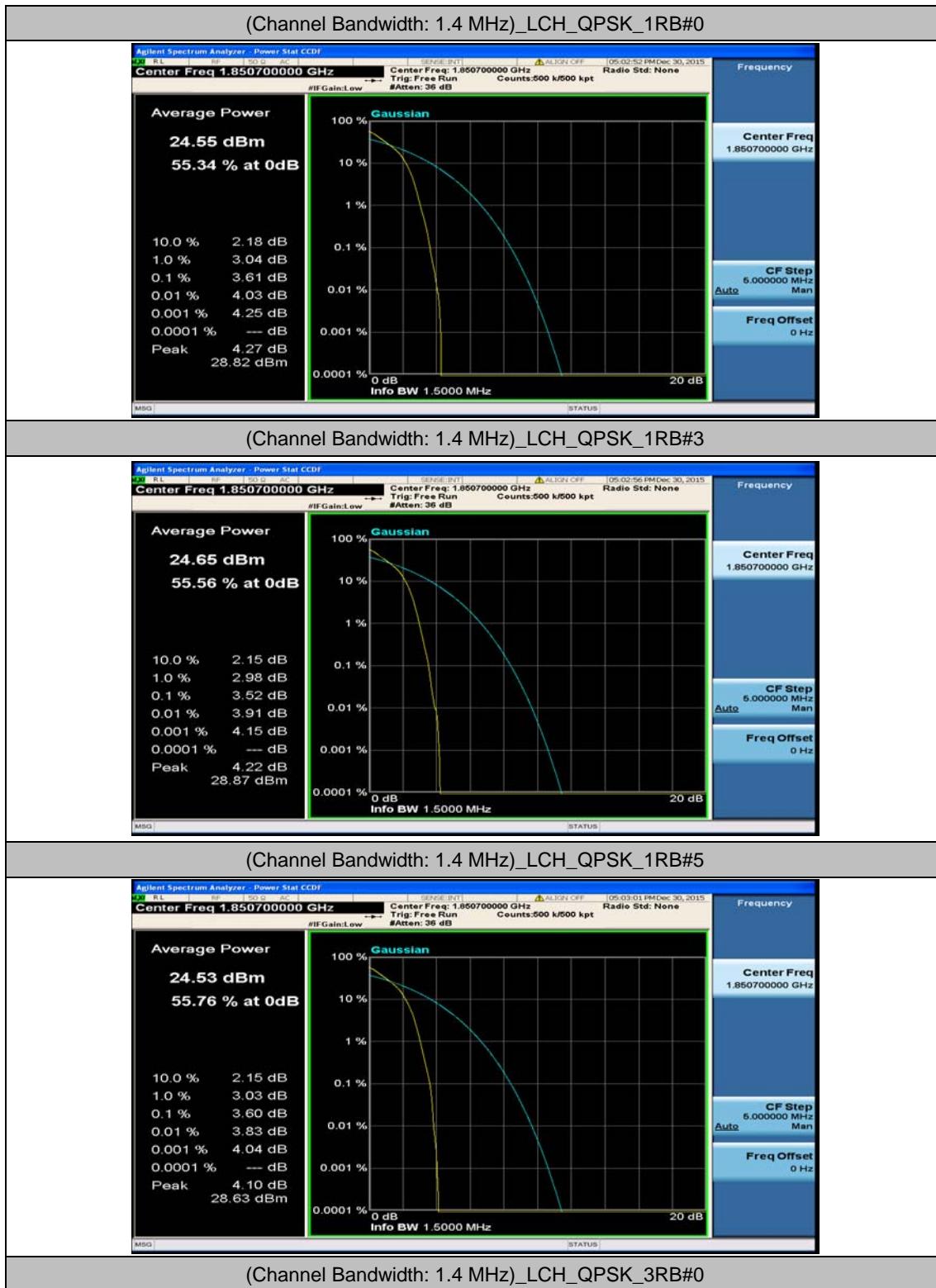
Channel Bandwidth: 20 MHz

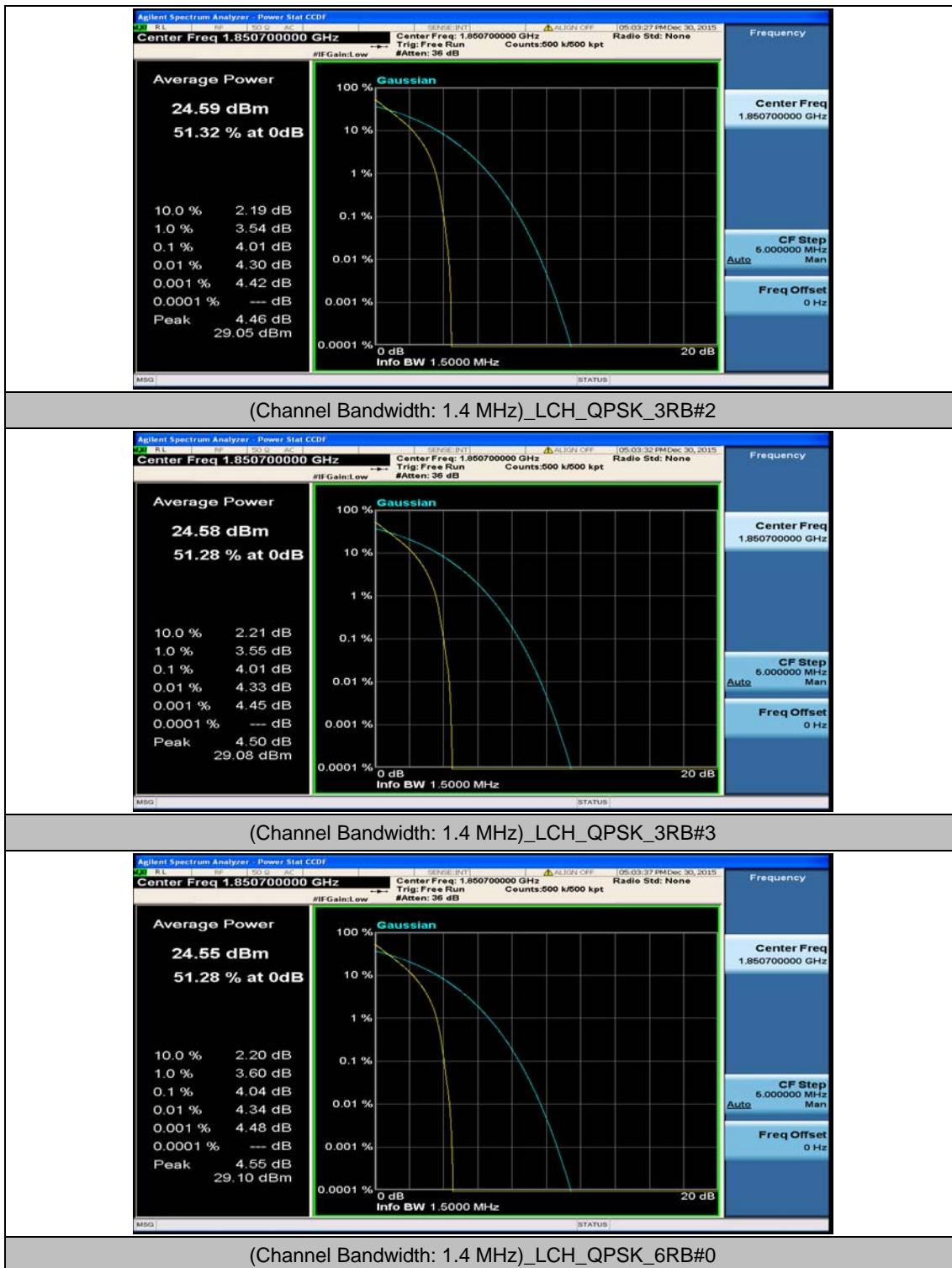
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	8.31	<13	PASS
		1	49	3.87	<13	PASS

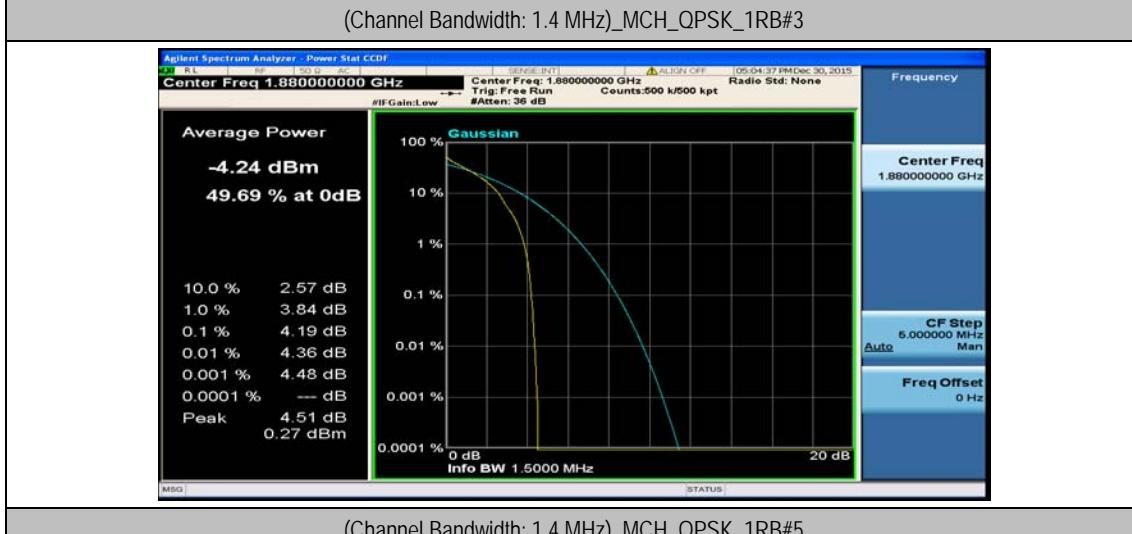
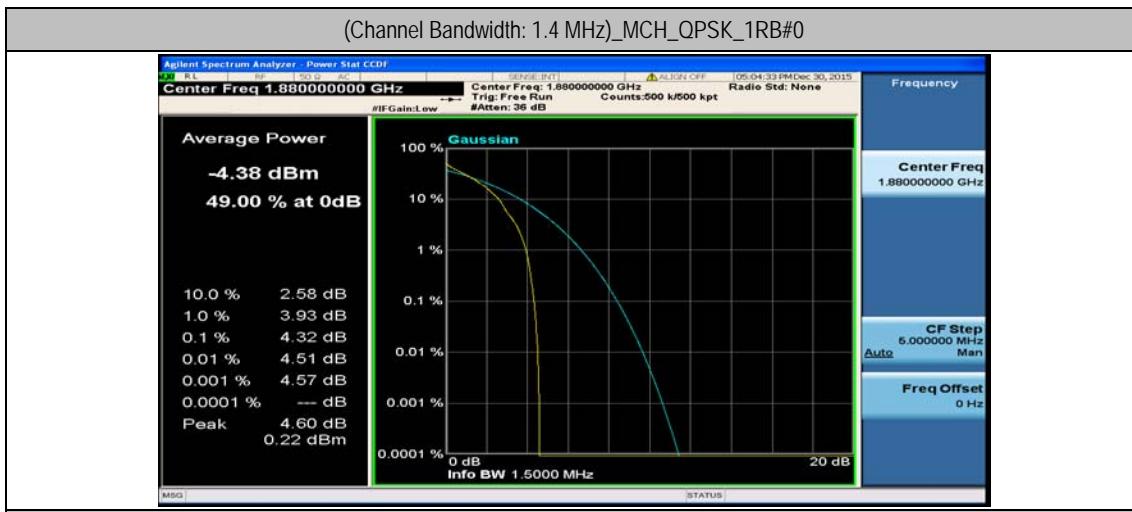
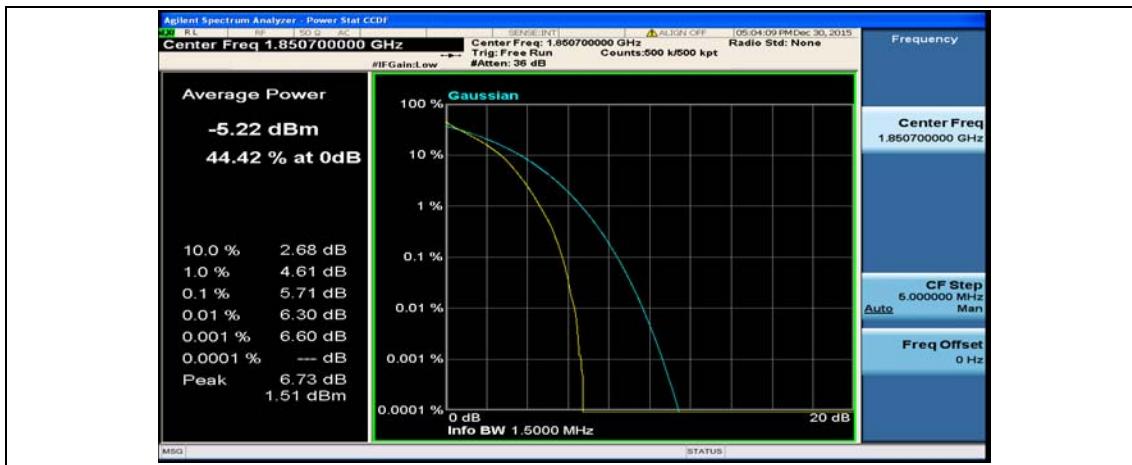
		1	99	8.38	<13	PASS
		50	0	5.38	<13	PASS
		50	25	5.35	<13	PASS
		50	50	5.72	<13	PASS
		100	0	5.77	<13	PASS
	MCH	1	0	8.33	<13	PASS
		1	49	4.32	<13	PASS
		1	99	8.4	<13	PASS
		50	0	5.6	<13	PASS
		50	25	5.51	<13	PASS
		50	50	5.86	<13	PASS
		100	0	5.71	<13	PASS
	HCH	1	0	8.33	<13	PASS
		1	49	3.82	<13	PASS
		1	99	8.34	<13	PASS
		50	0	5.61	<13	PASS
		50	25	5.32	<13	PASS
		50	50	5.89	<13	PASS
		100	0	5.89	<13	PASS
16QAM	LCH	1	0	8.38	<13	PASS
		1	49	4.72	<13	PASS
		1	99	8.39	<13	PASS
		50	0	6.43	<13	PASS
		50	25	6.04	<13	PASS
		50	50	6.5	<13	PASS
		100	0	6.69	<13	PASS
	MCH	1	0	8.35	<13	PASS
		1	49	5.17	<13	PASS
		1	99	8.39	<13	PASS
		50	0	6.67	<13	PASS
		50	25	6.31	<13	PASS
		50	50	6.71	<13	PASS
		100	0	6.8	<13	PASS
	HCH	1	0	8.34	<13	PASS
		1	49	4.7	<13	PASS
		1	99	8.32	<13	PASS
		50	0	6.63	<13	PASS
		50	25	6.05	<13	PASS
		50	50	6.73	<13	PASS
		100	0	6.8	<13	PASS

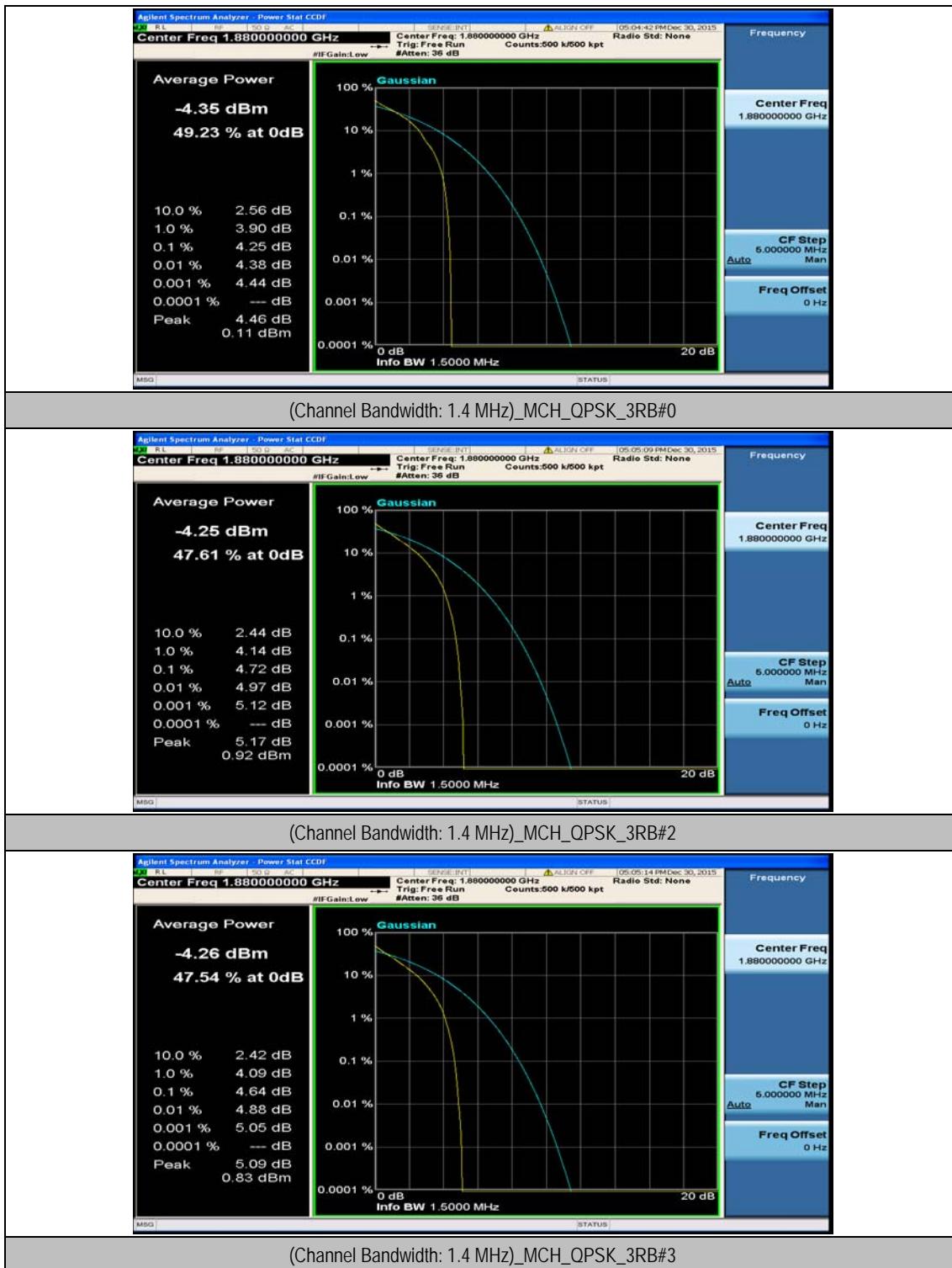
Test Graphs

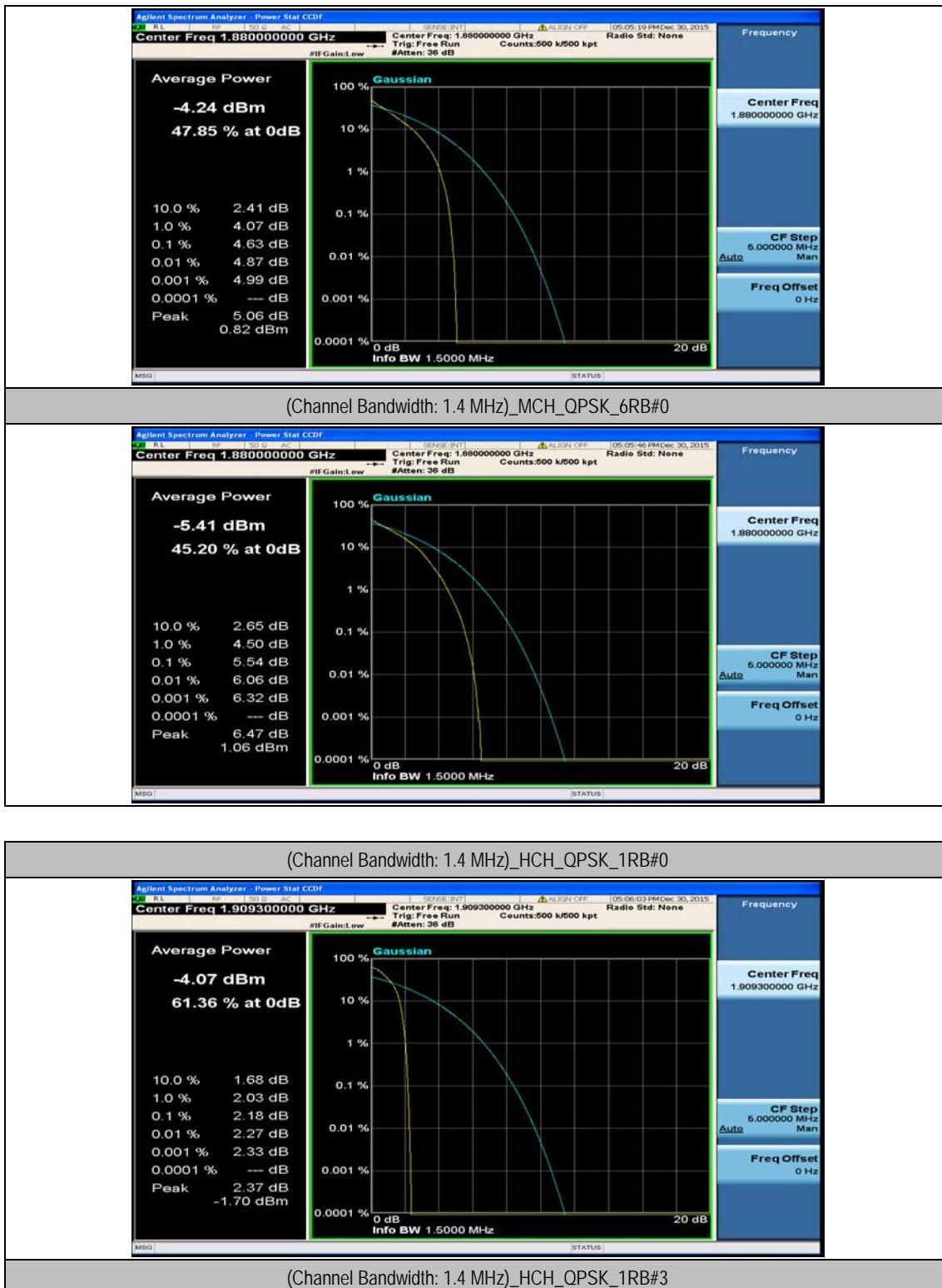
Channel Bandwidth: 1.4 MHz

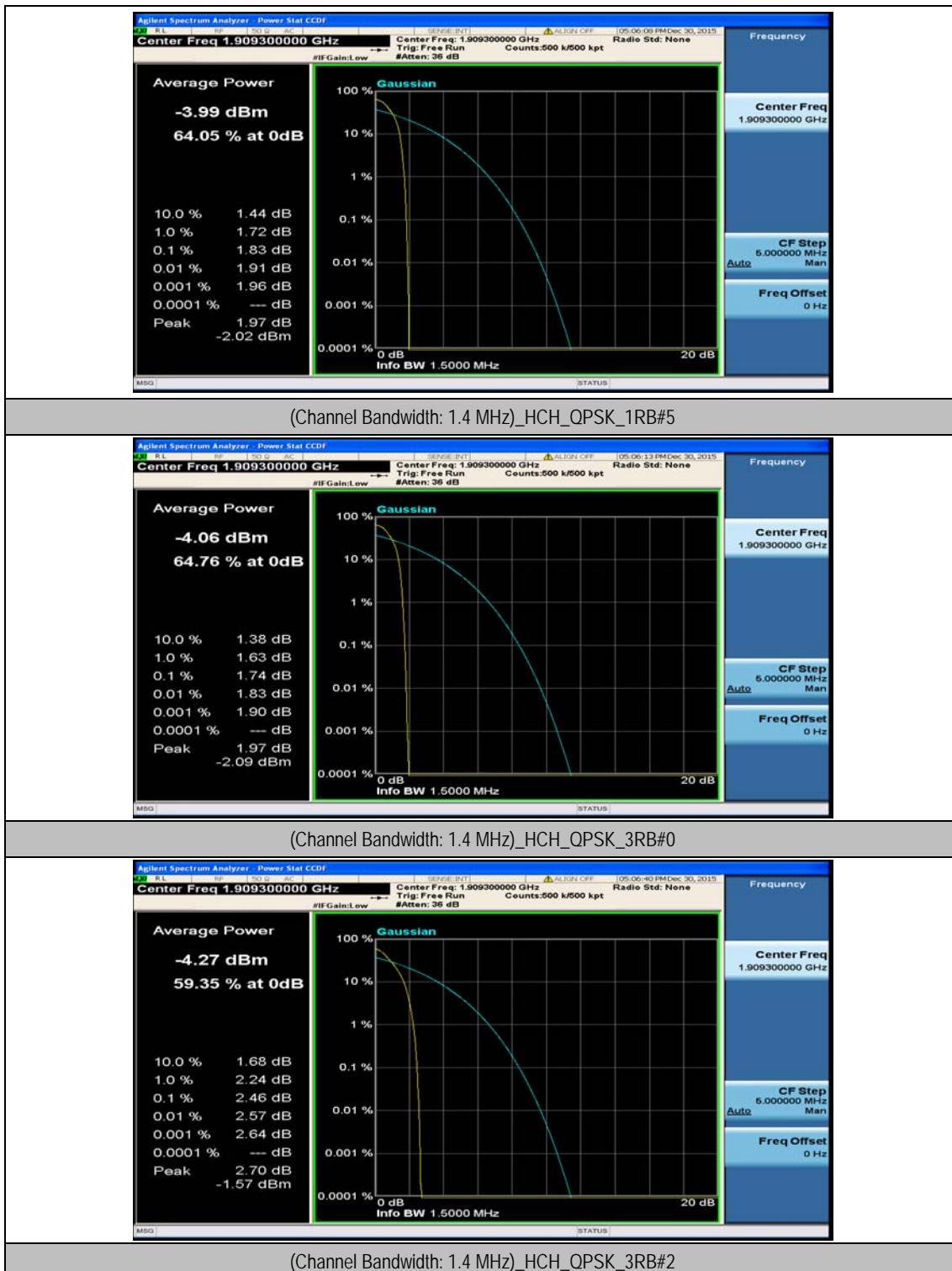


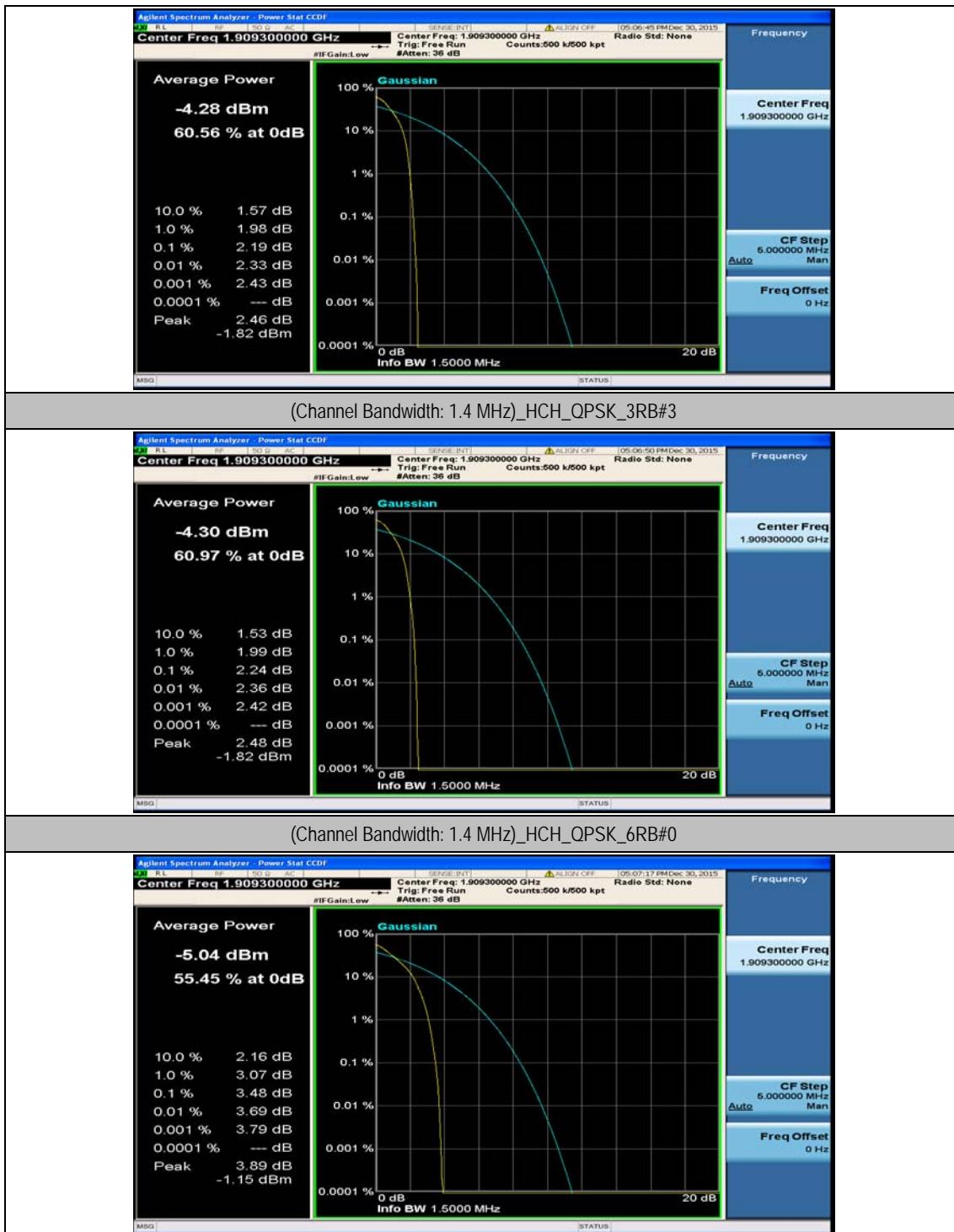


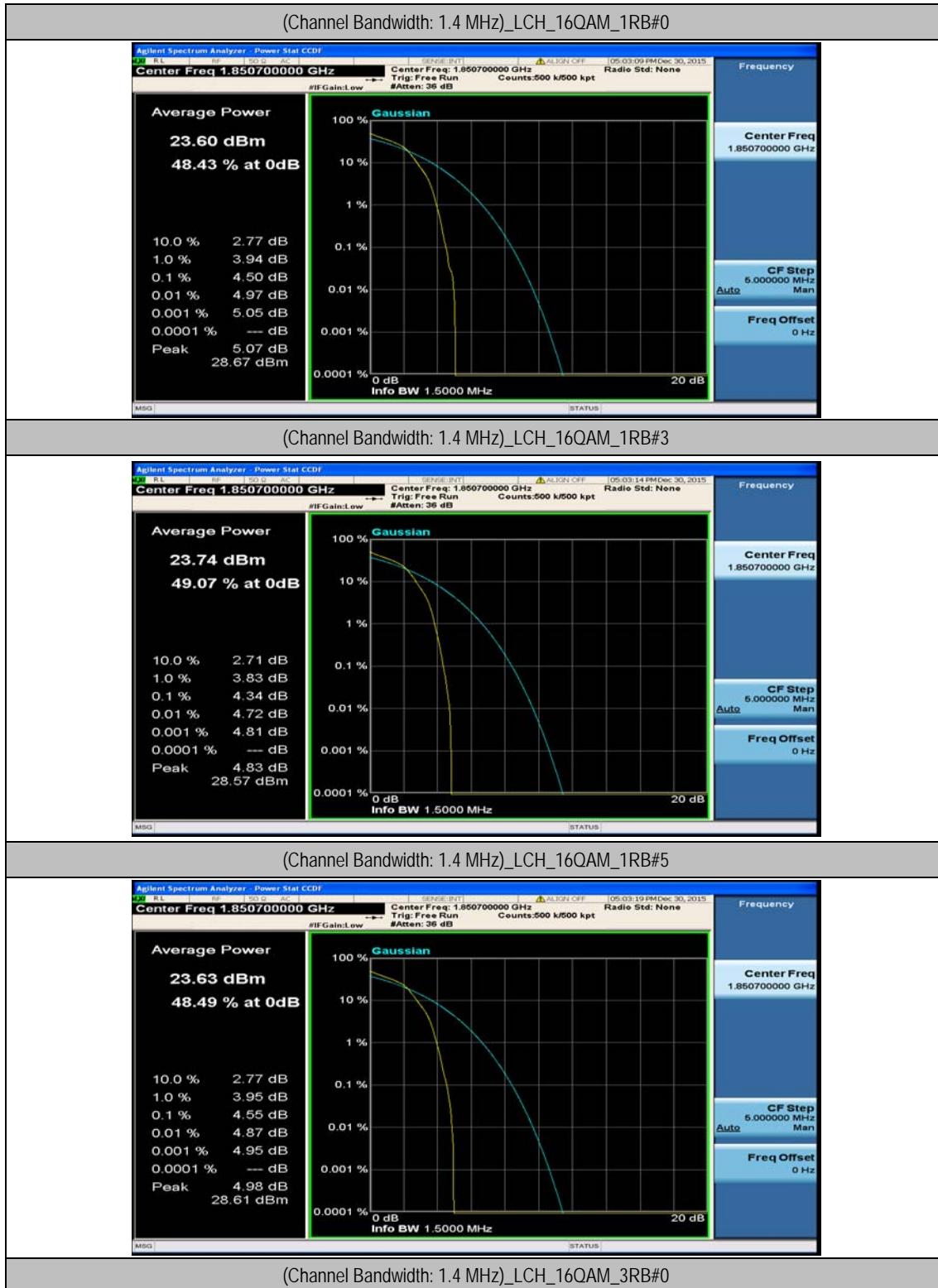


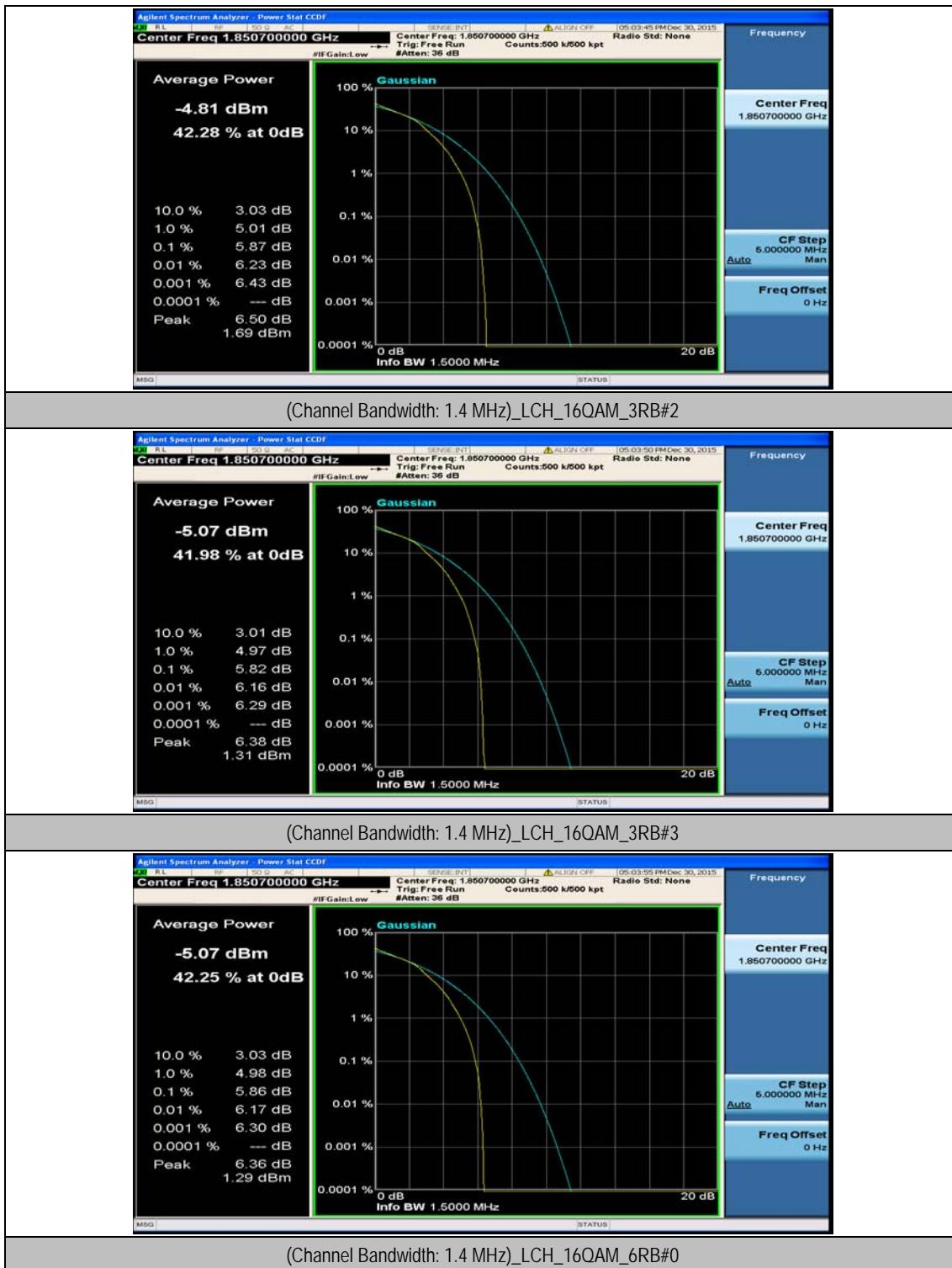


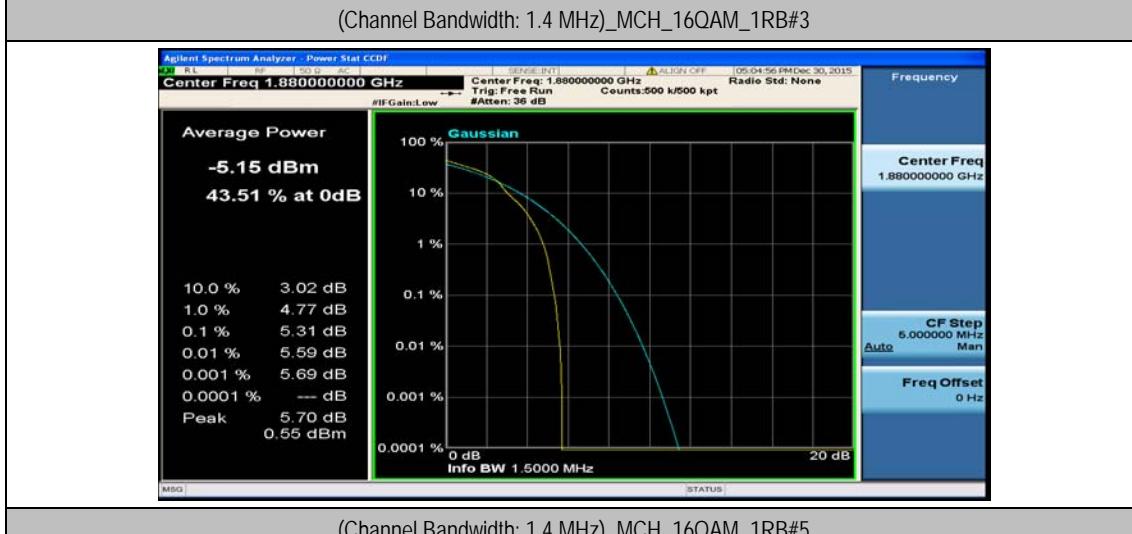


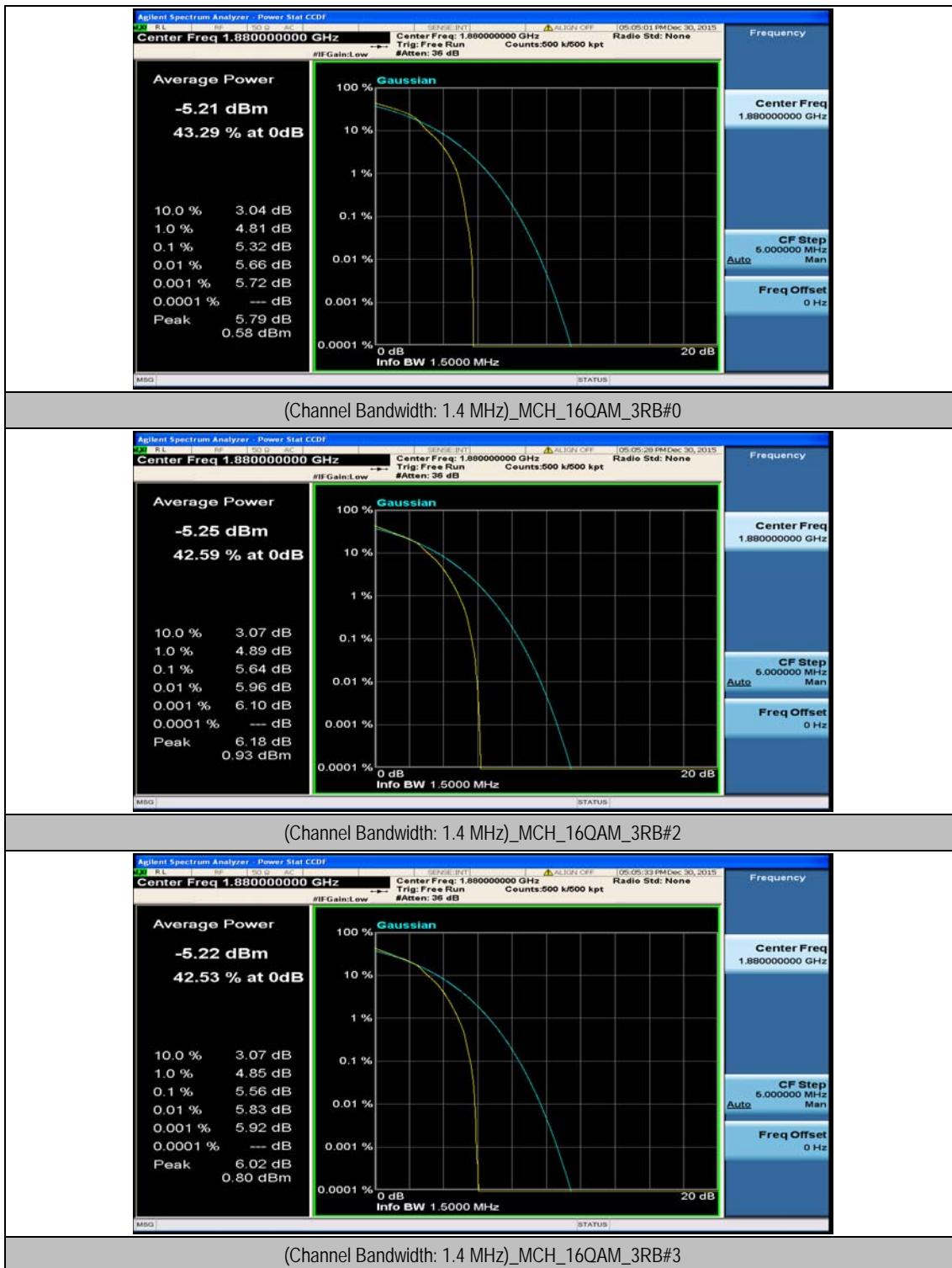


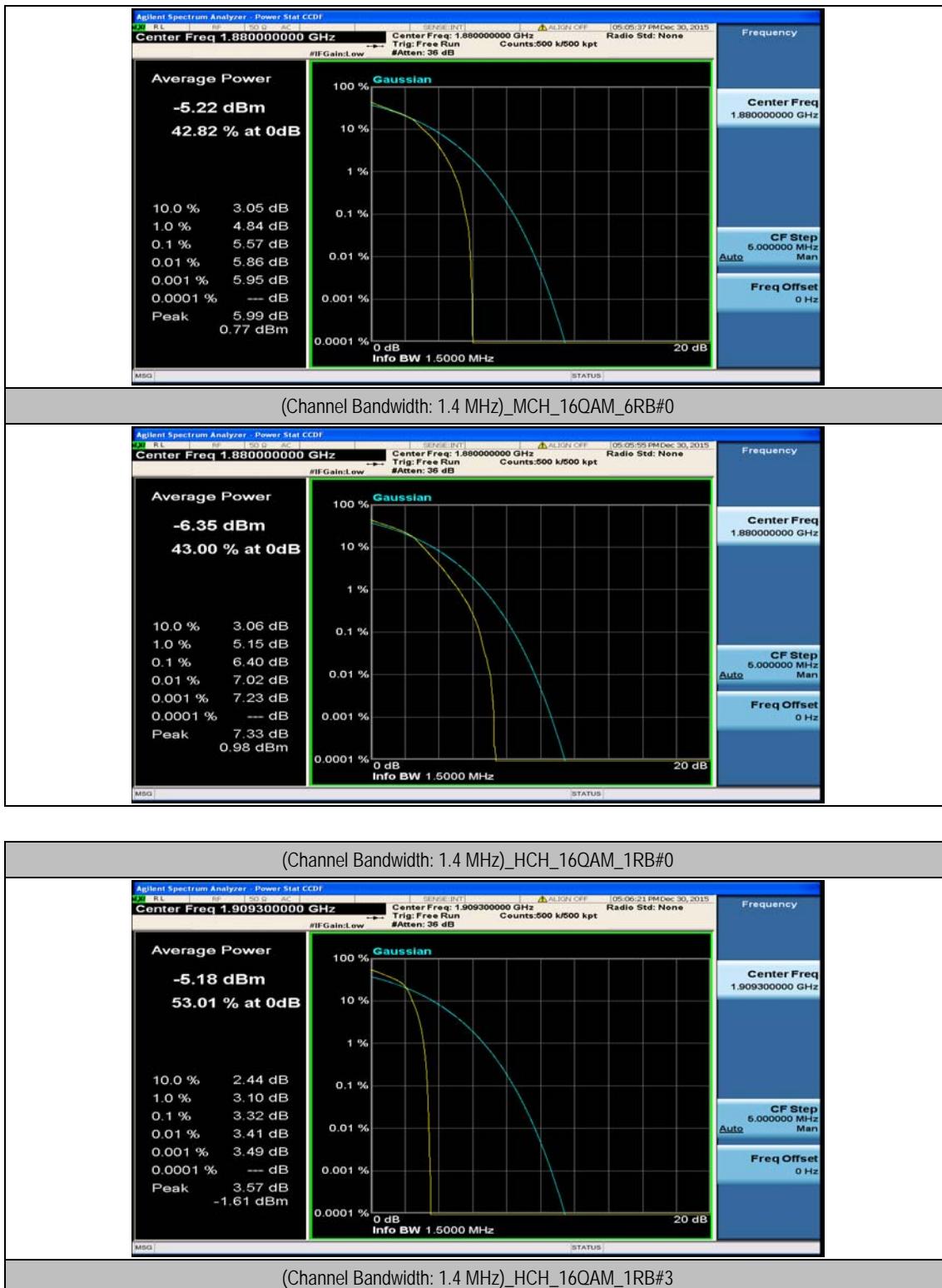


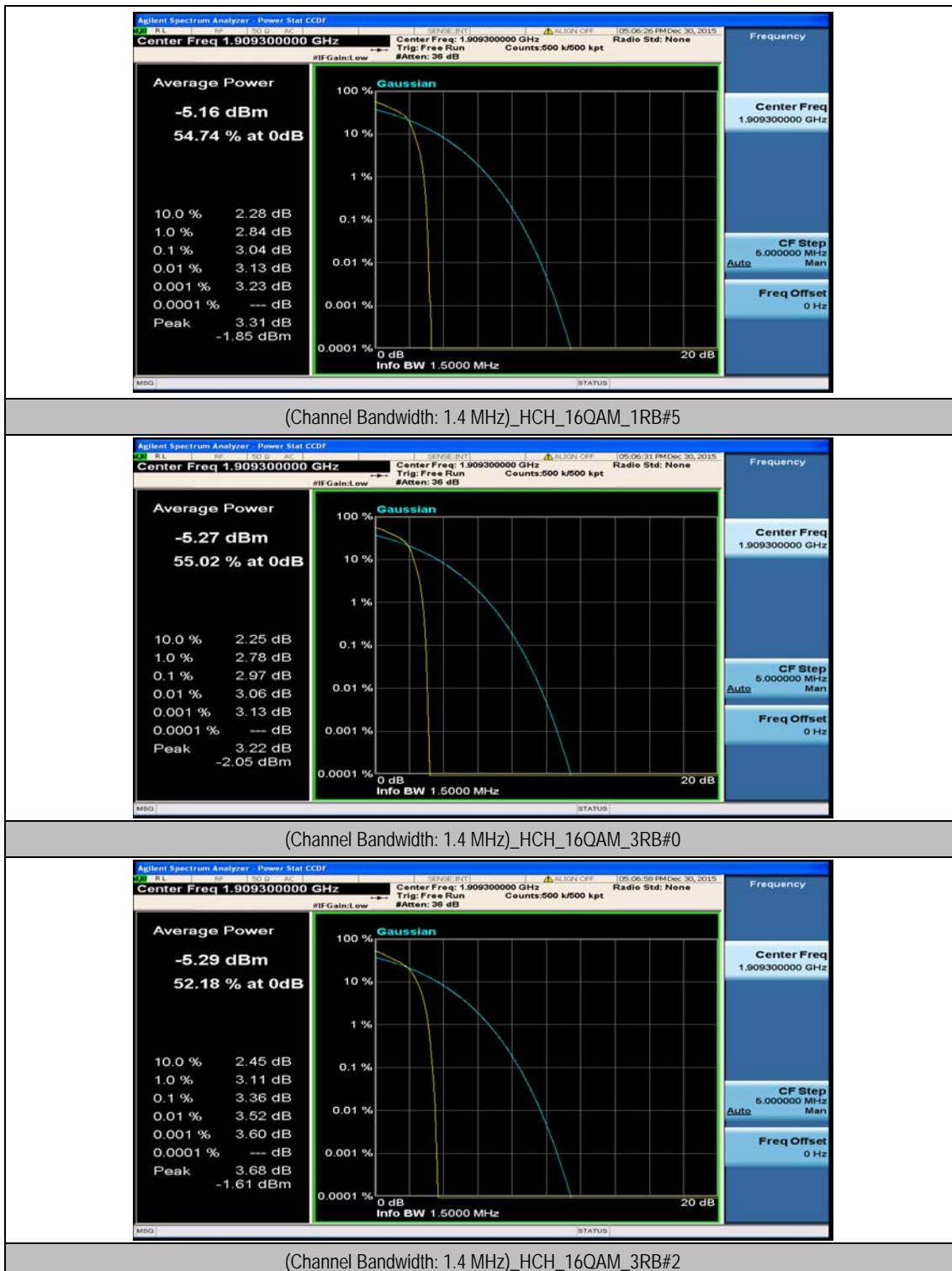


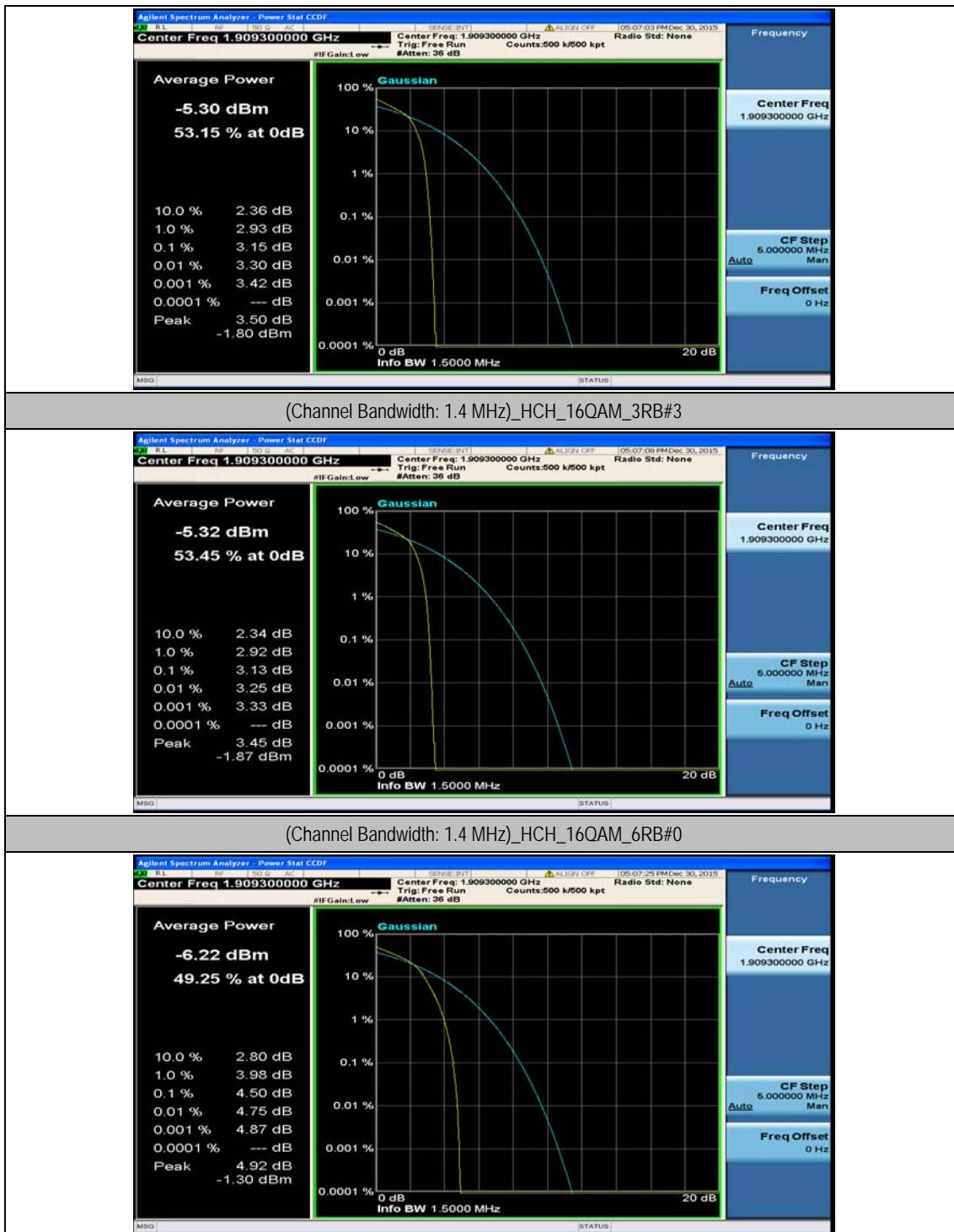




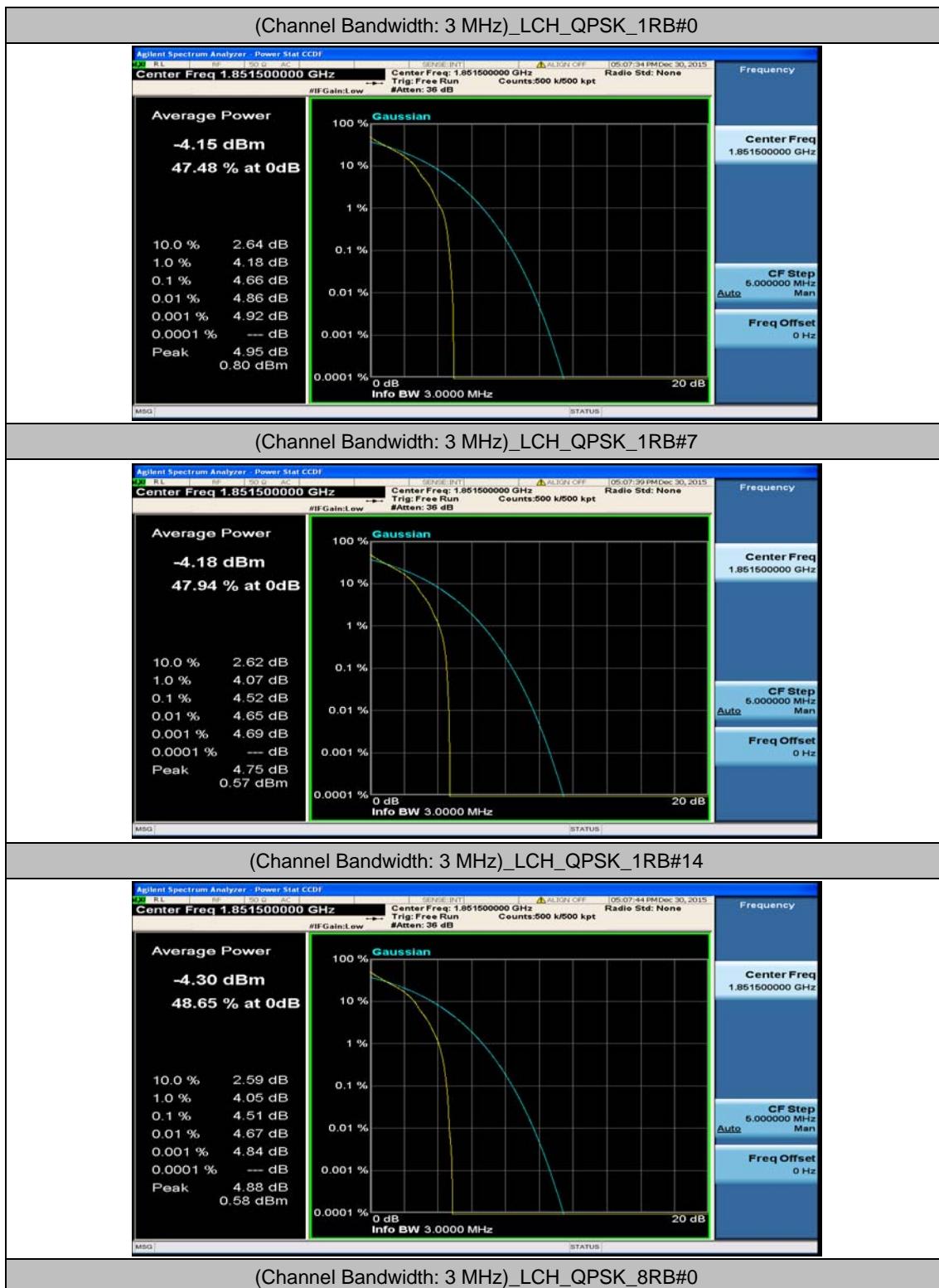


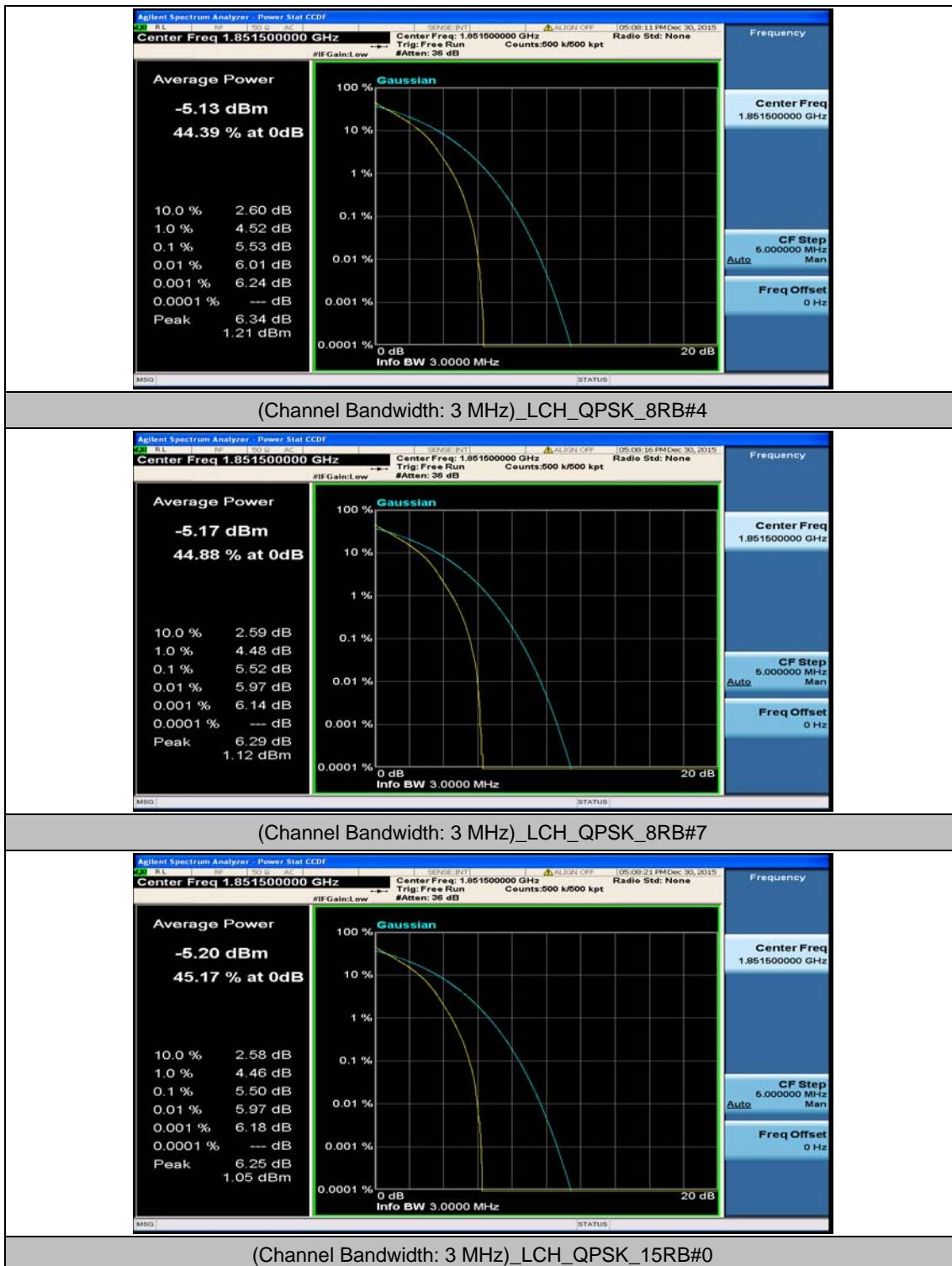


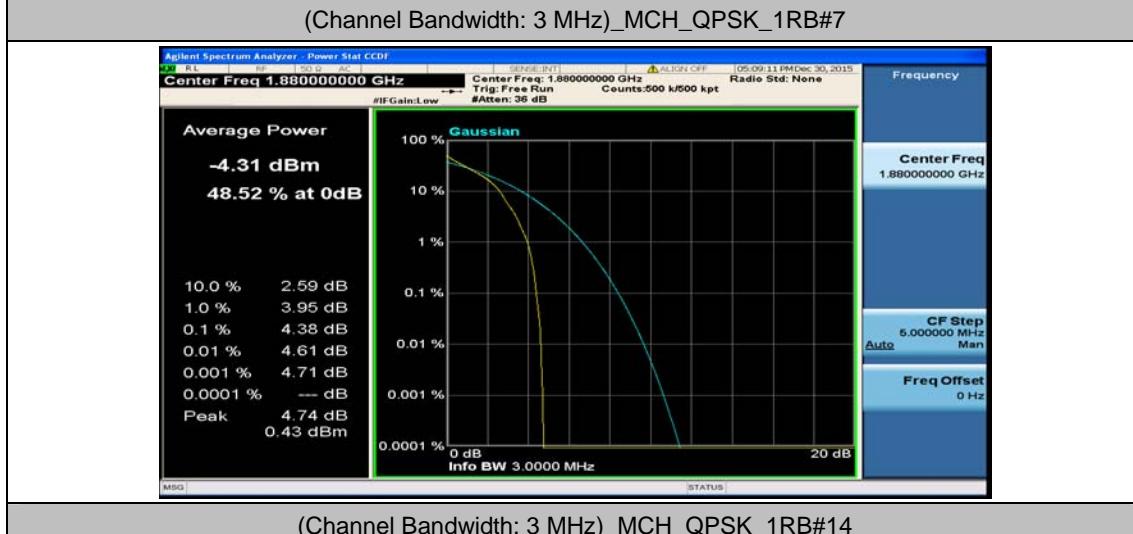
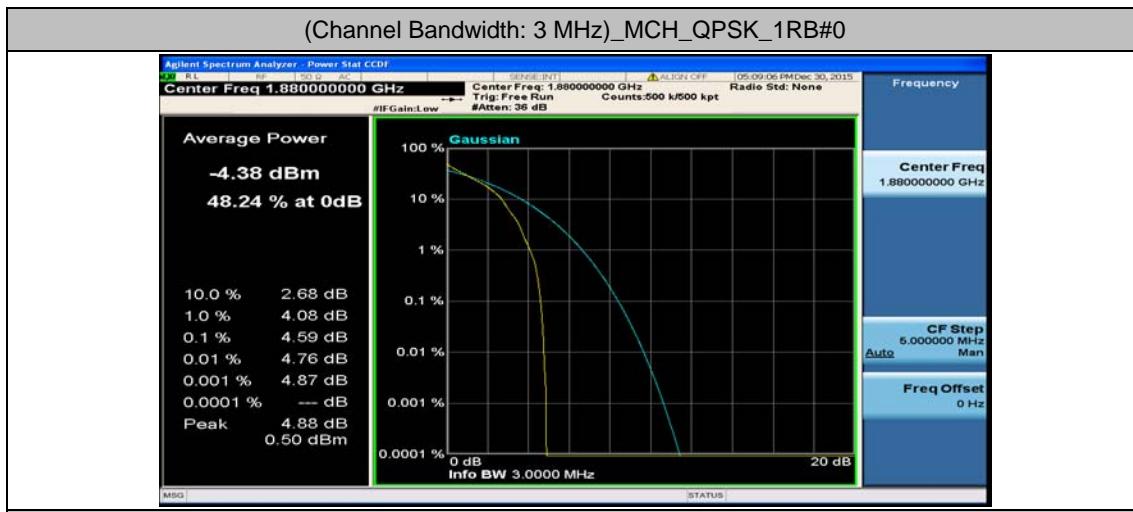
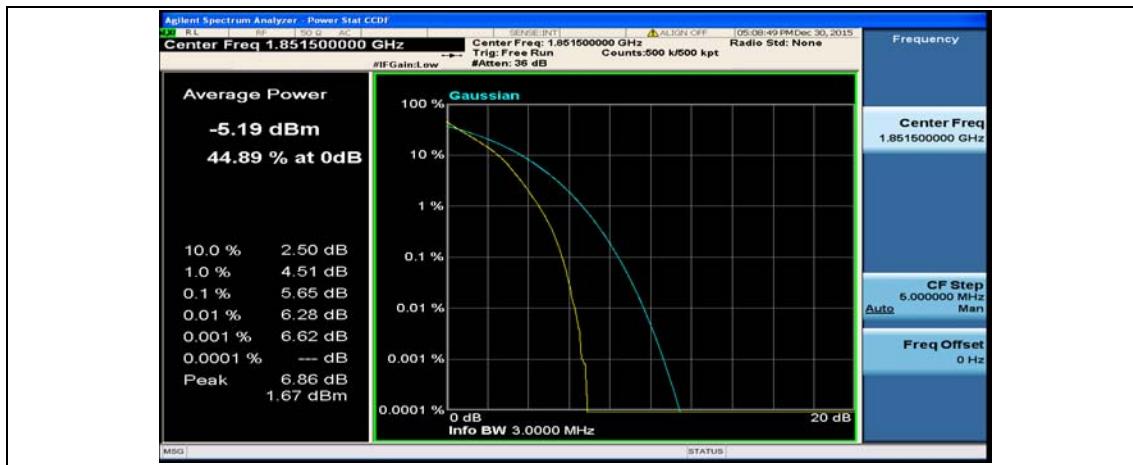


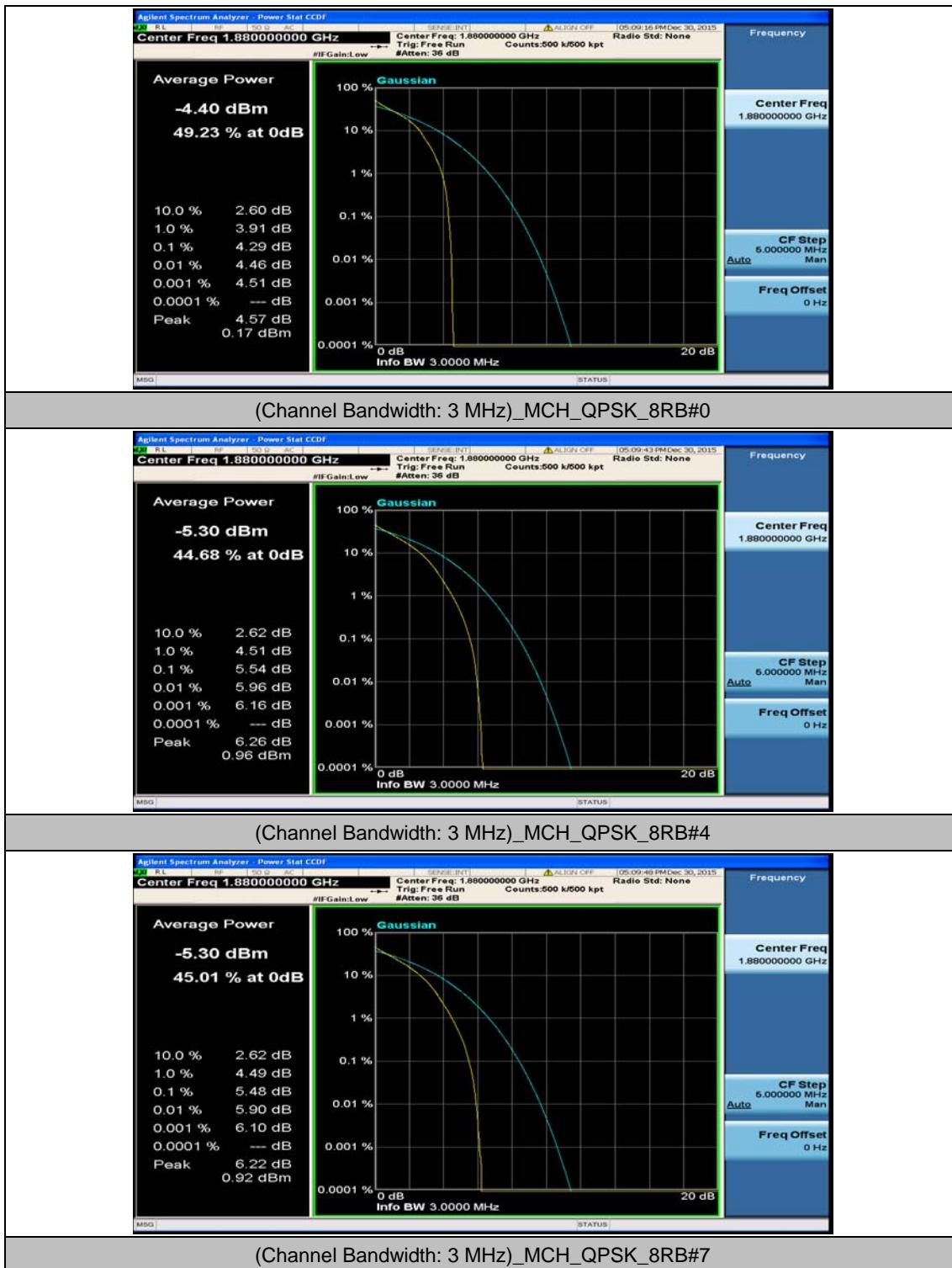


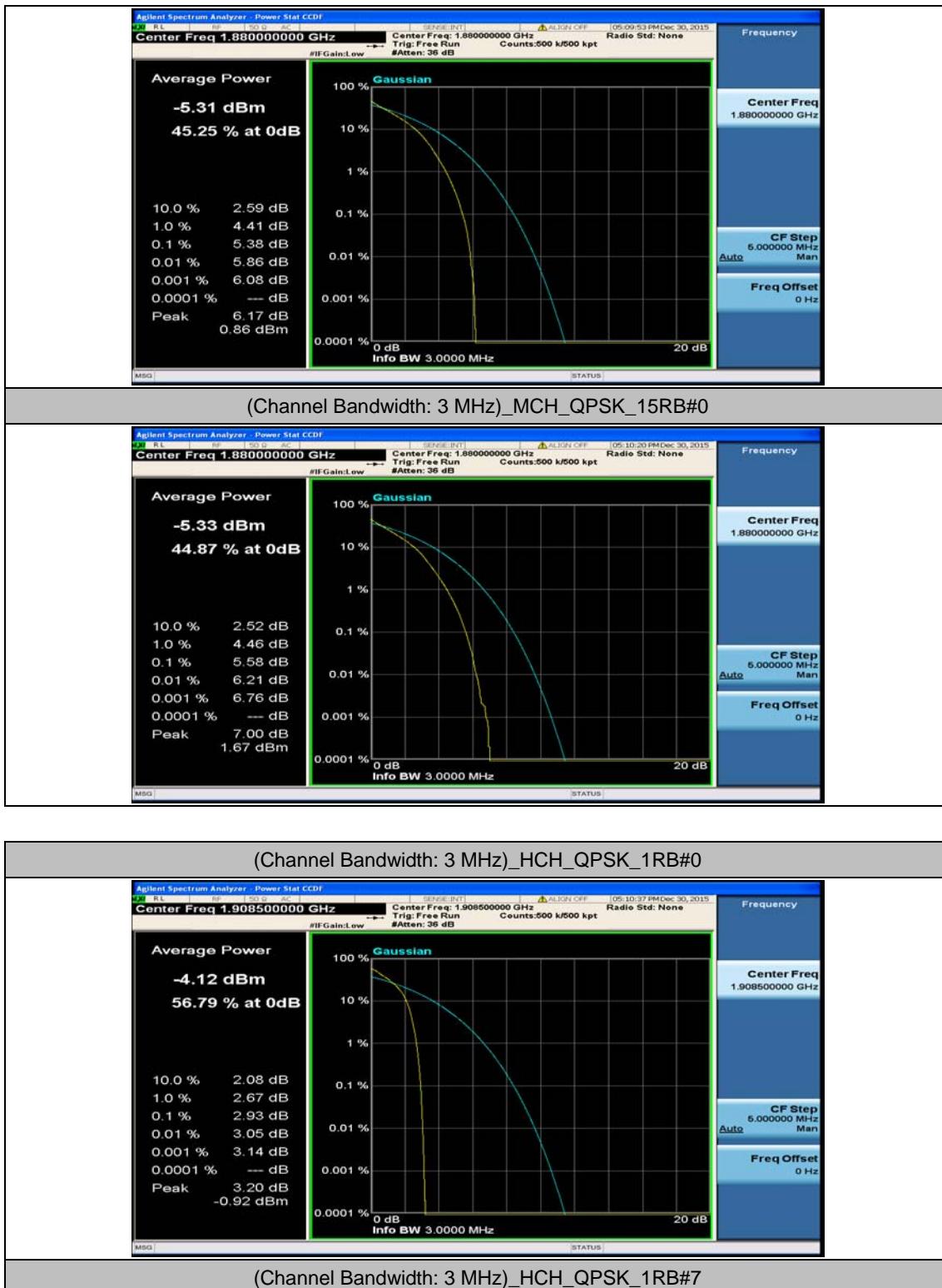
Channel Bandwidth: 3 MHz

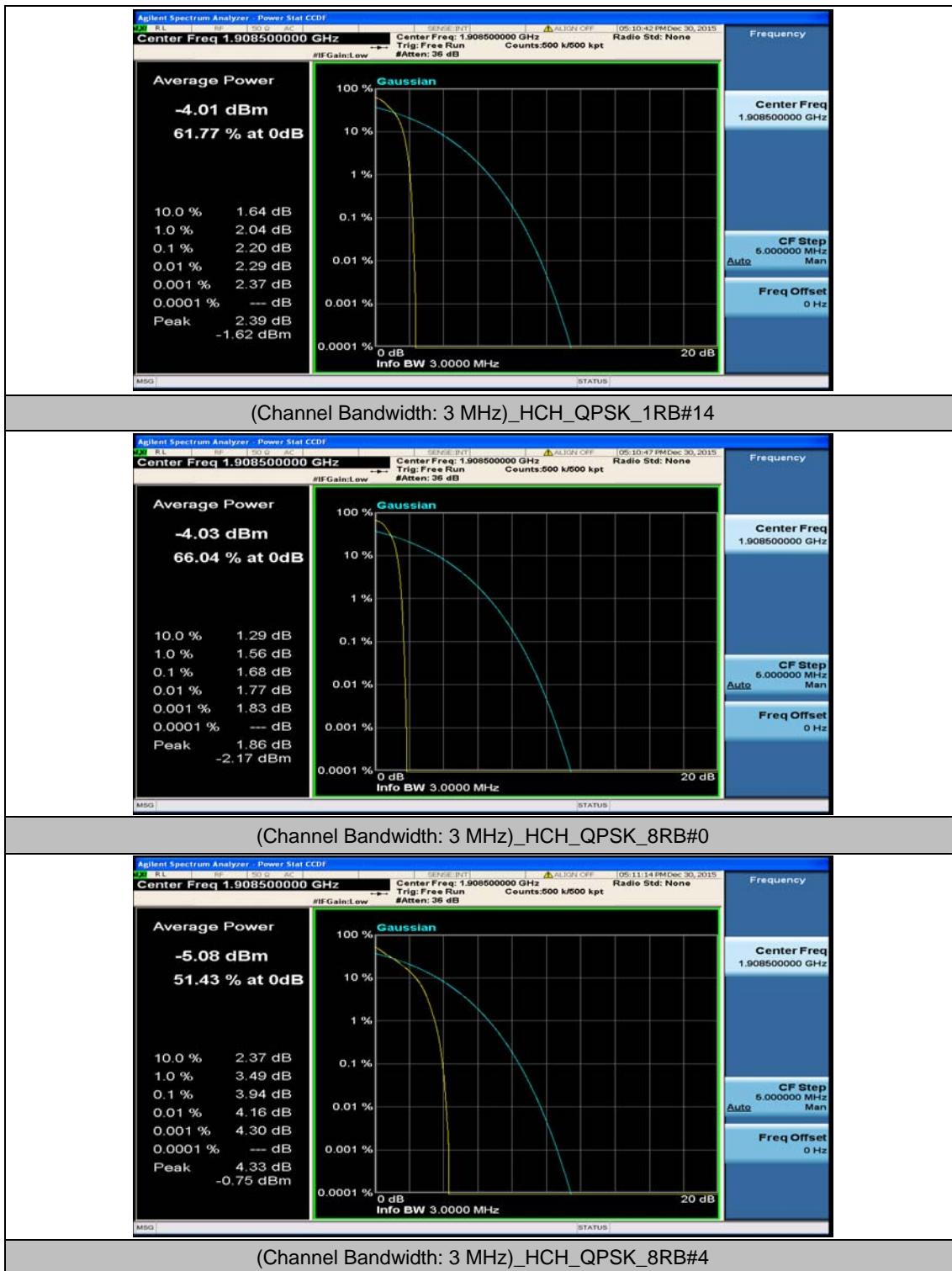


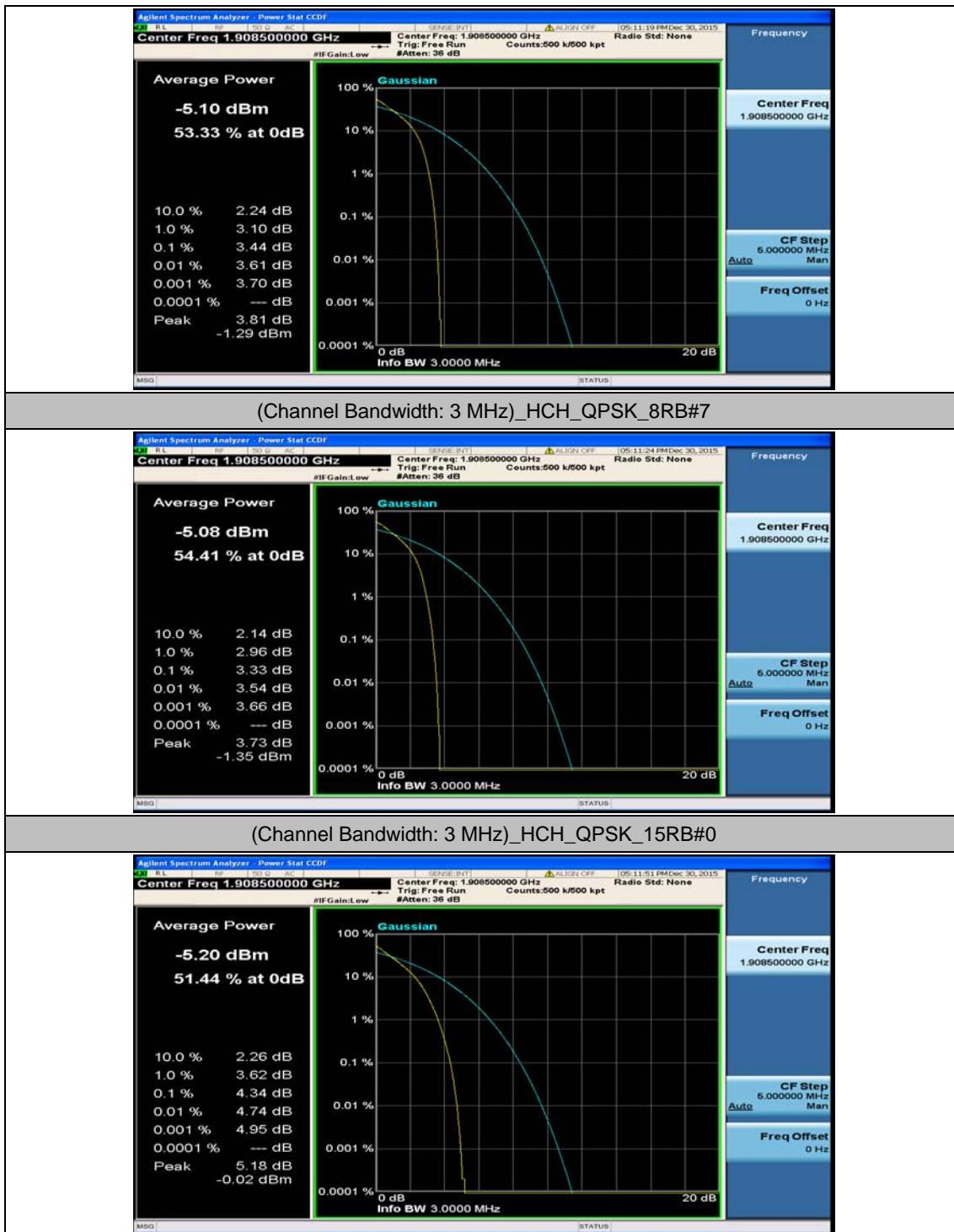


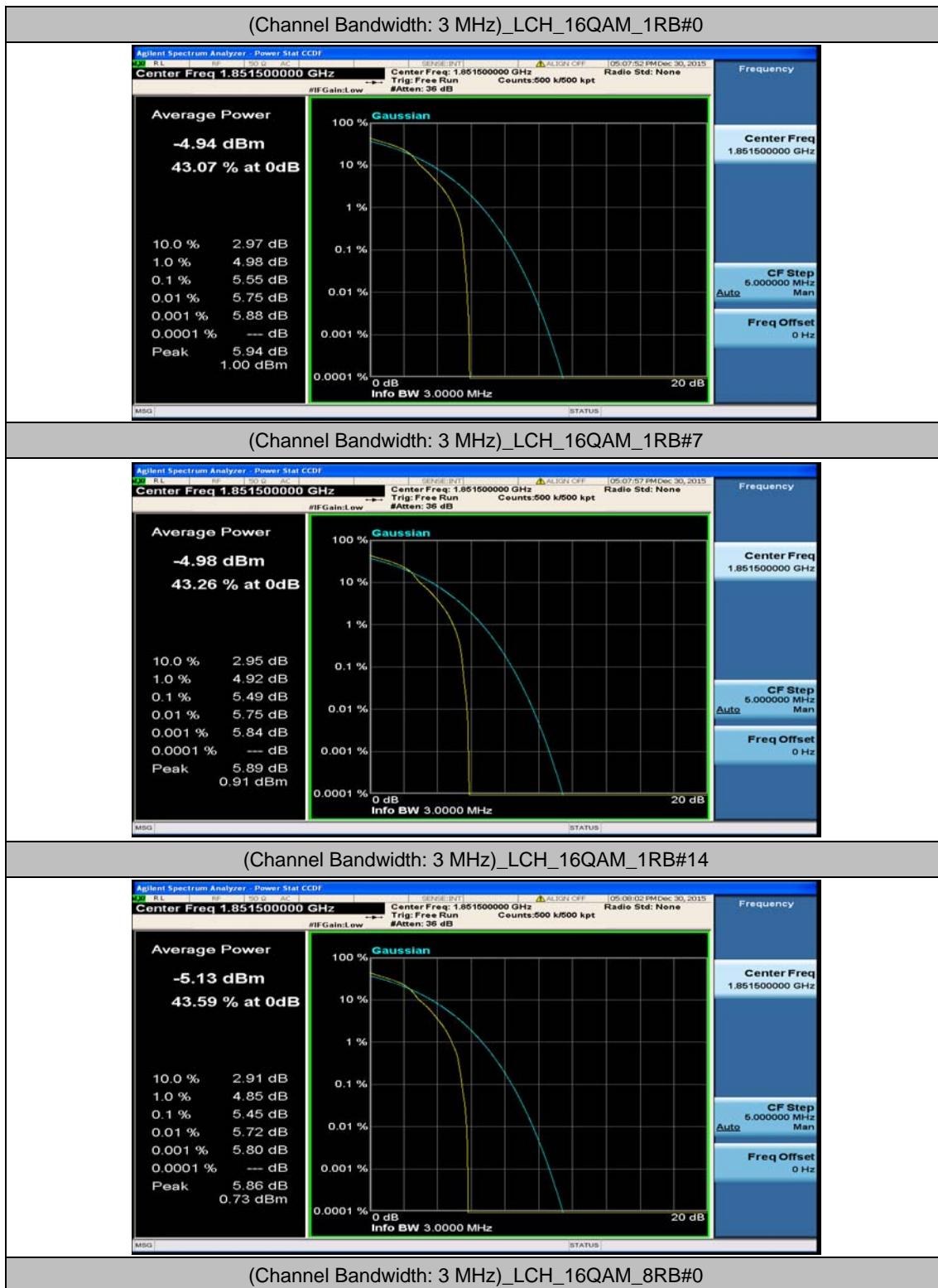


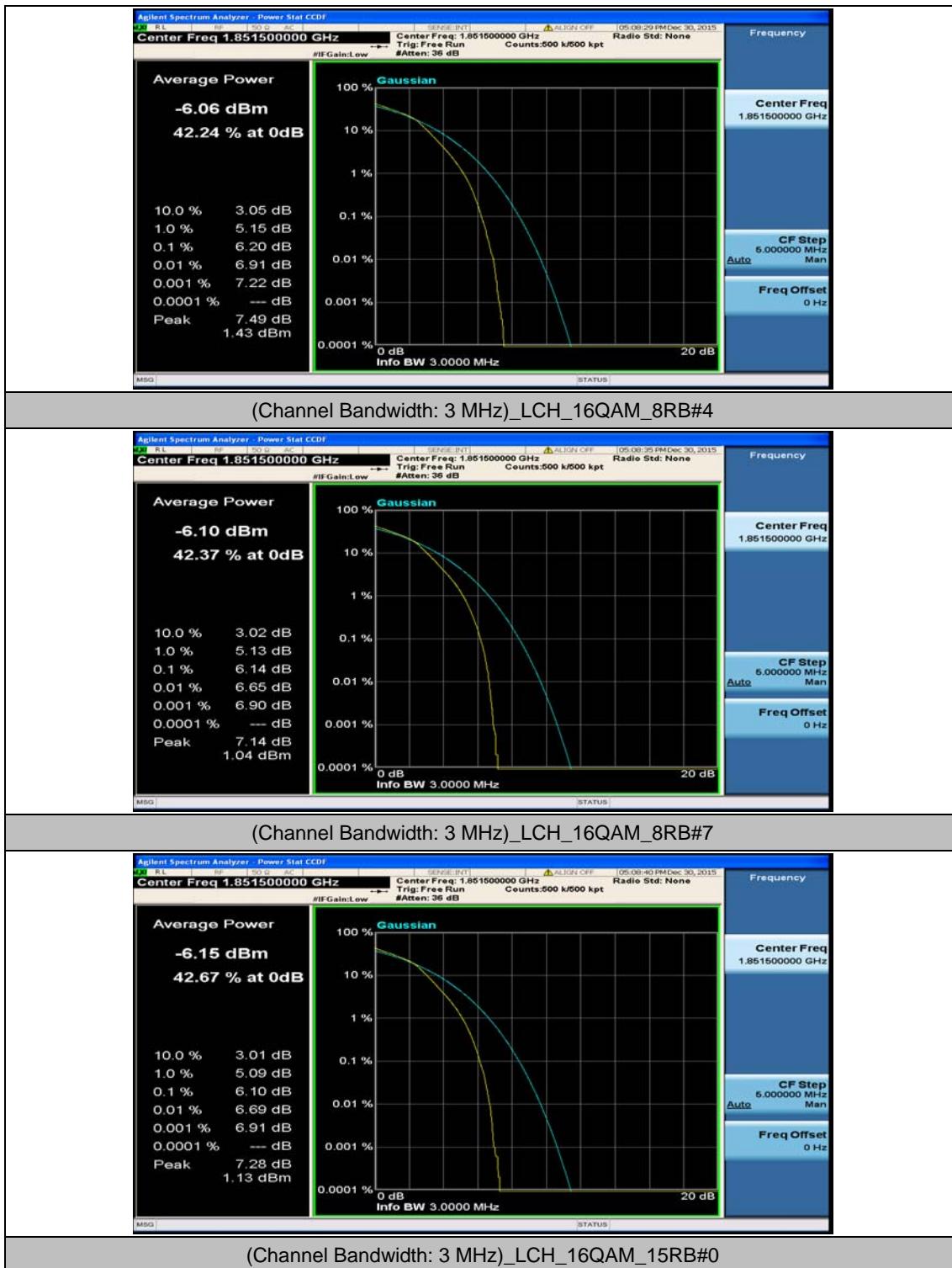


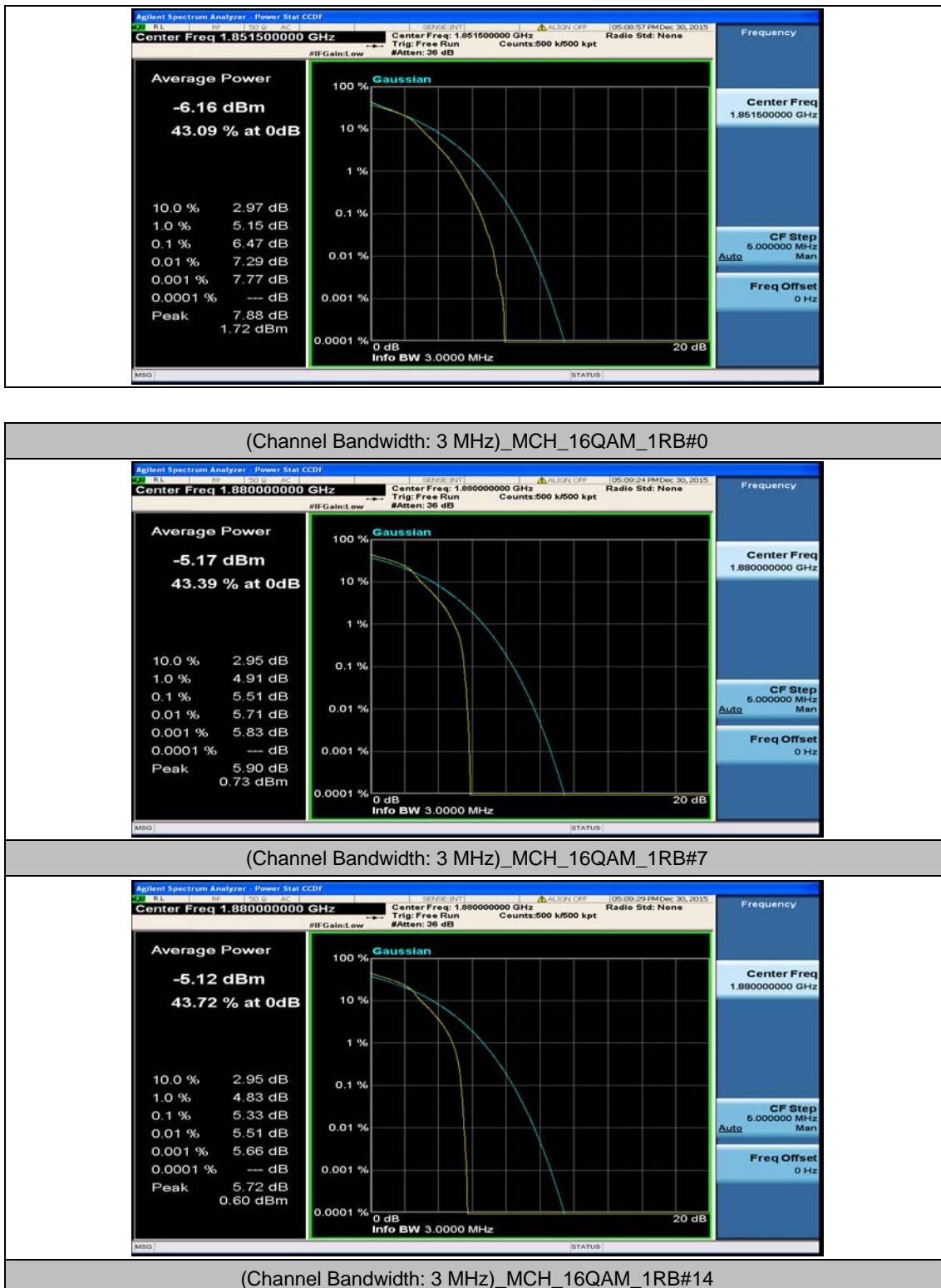


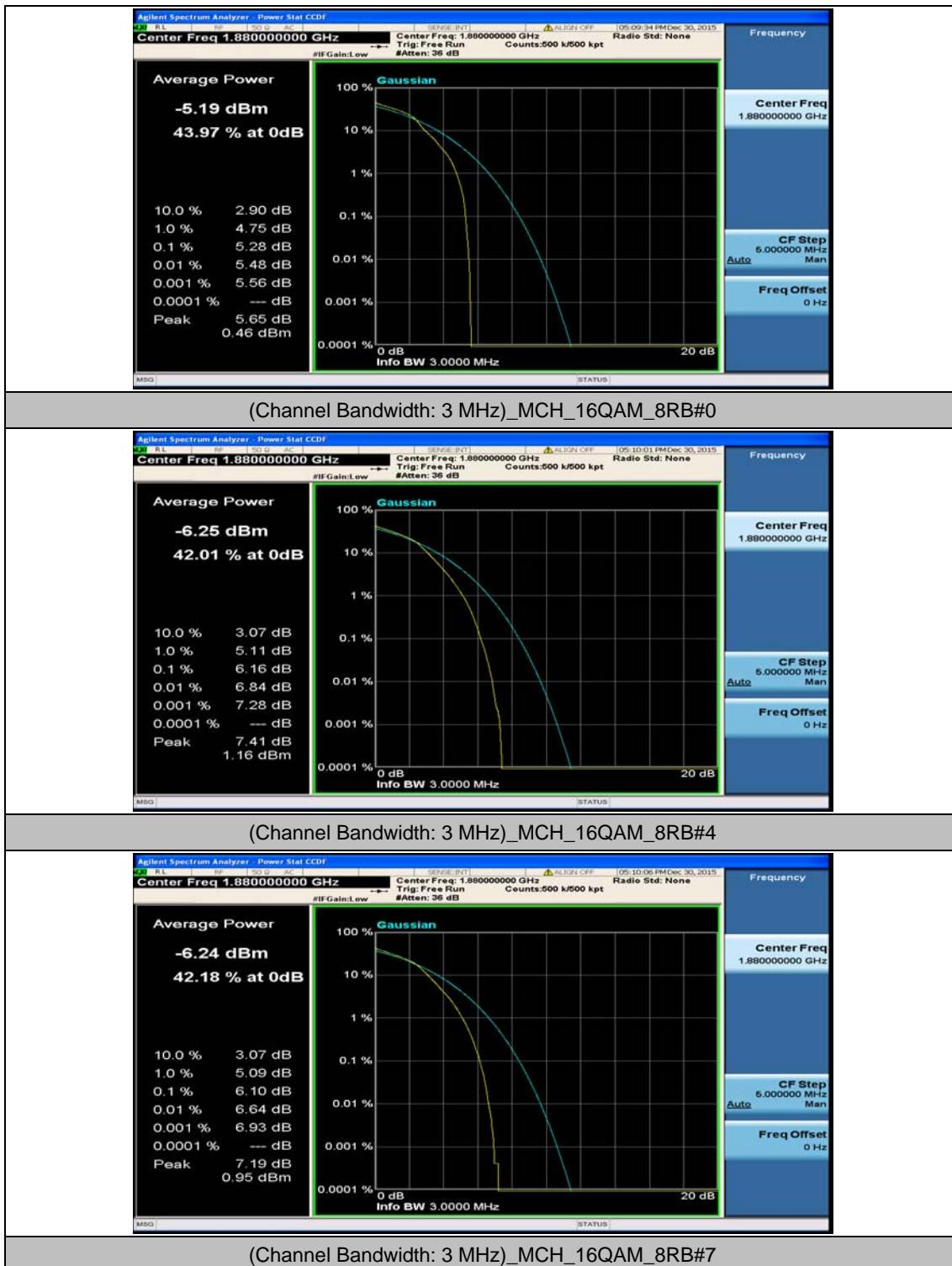


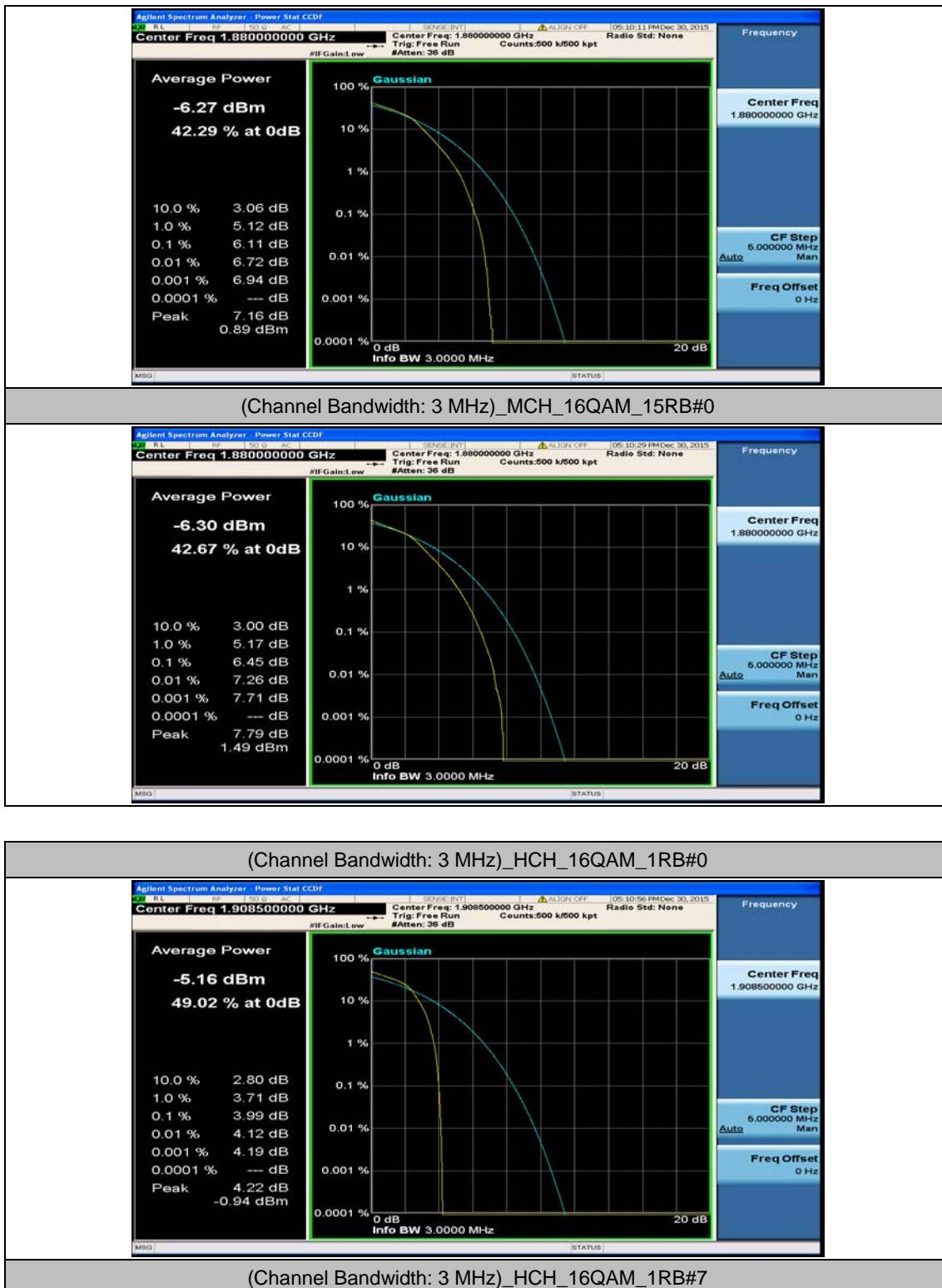


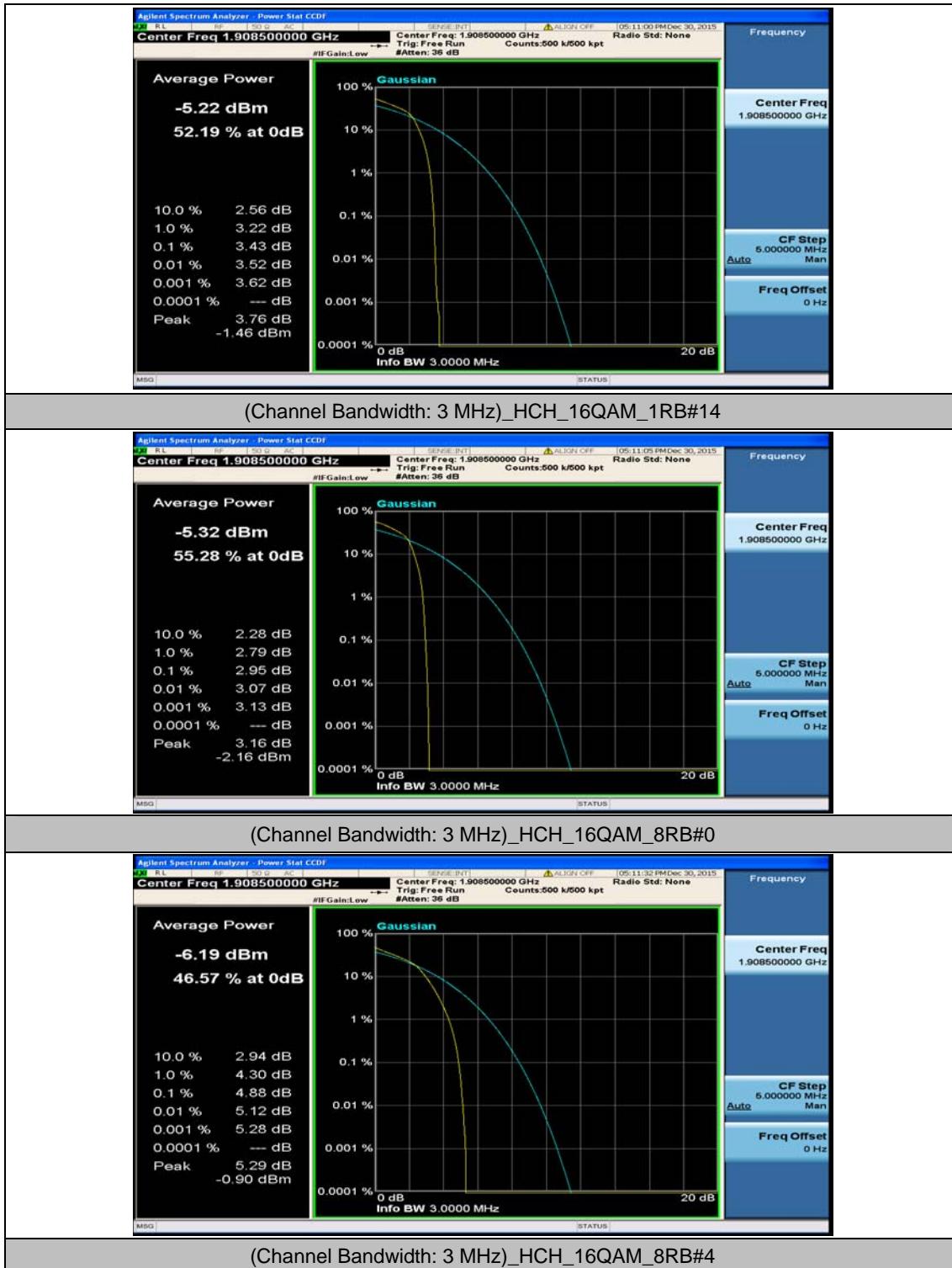


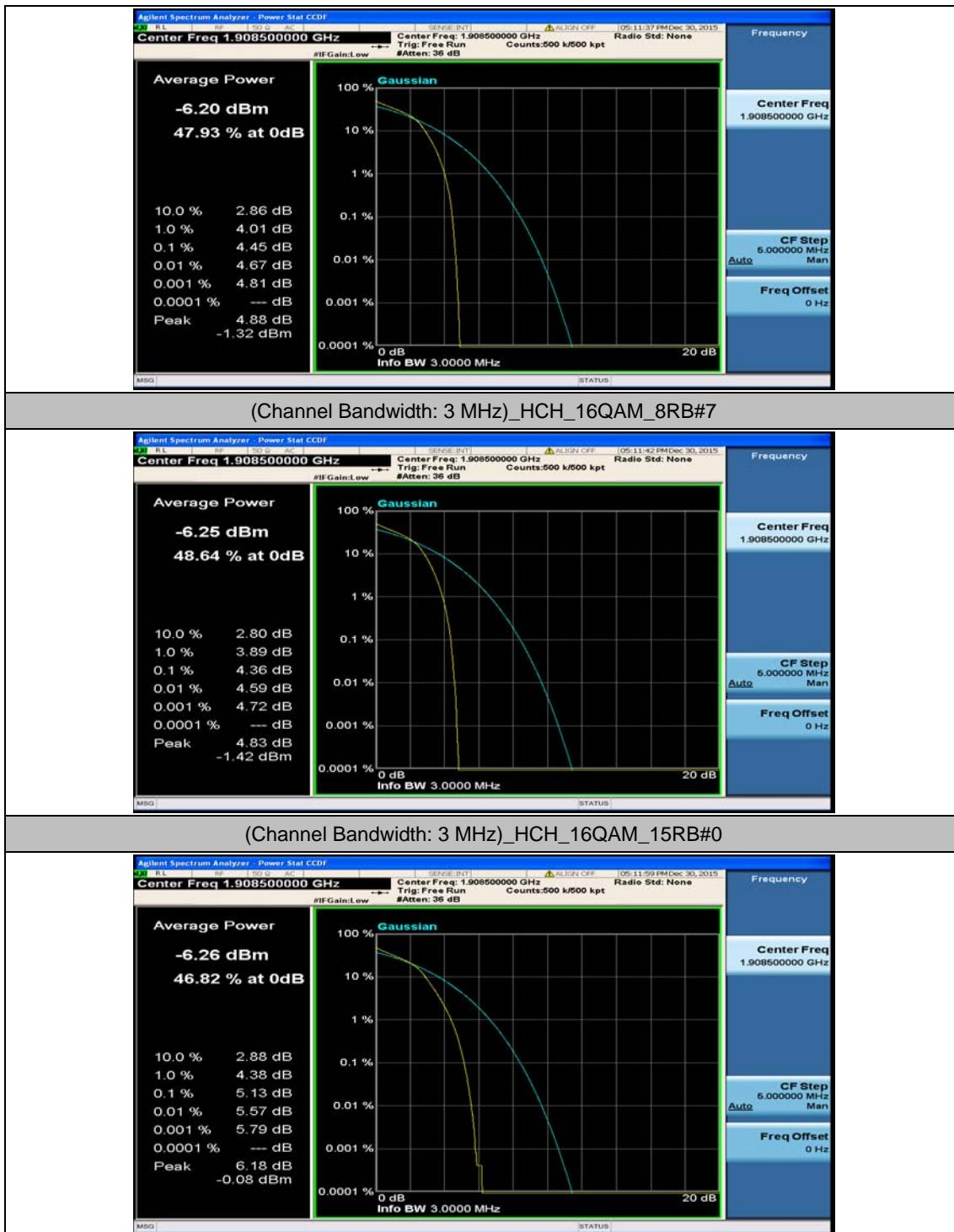




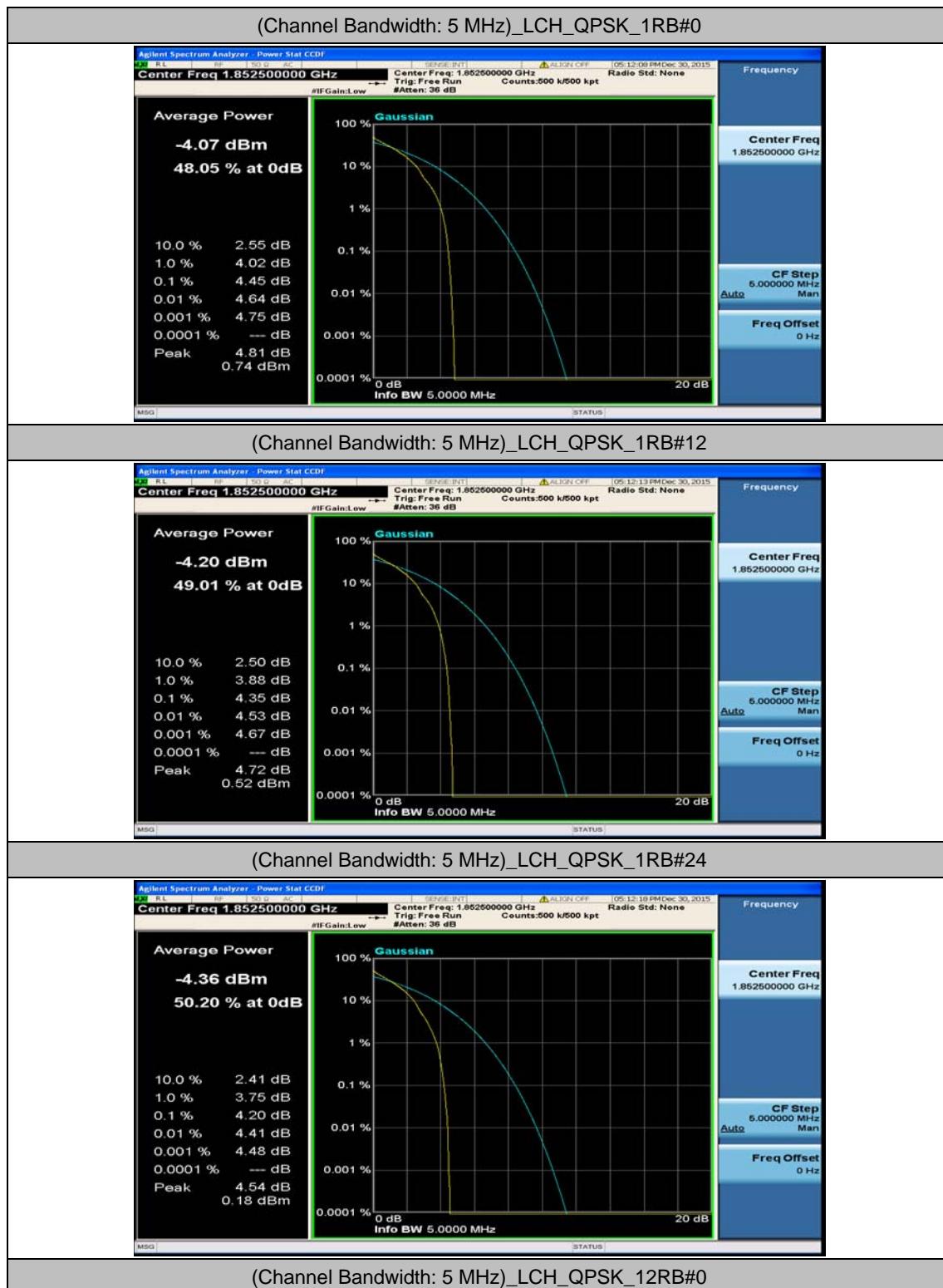


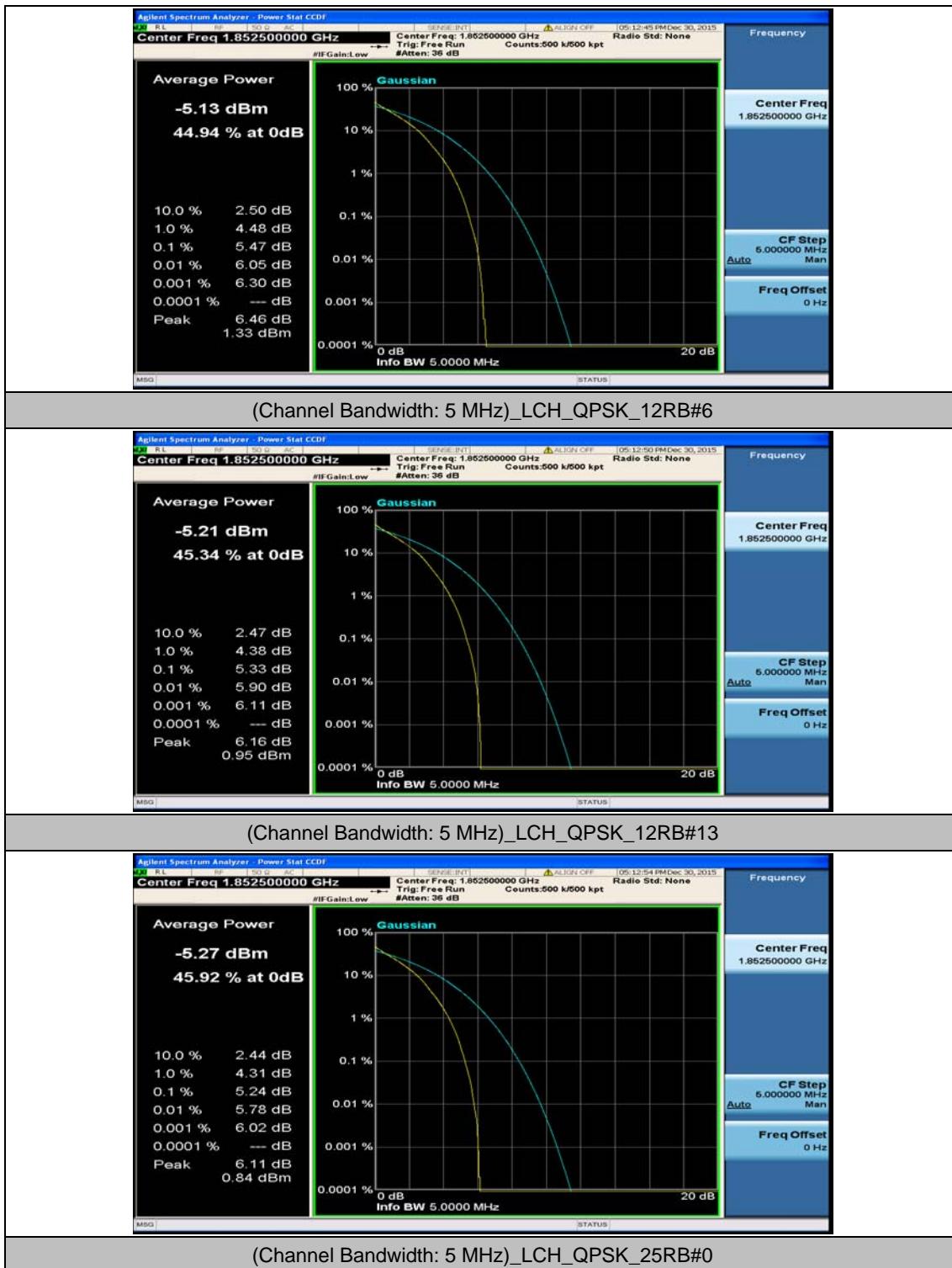


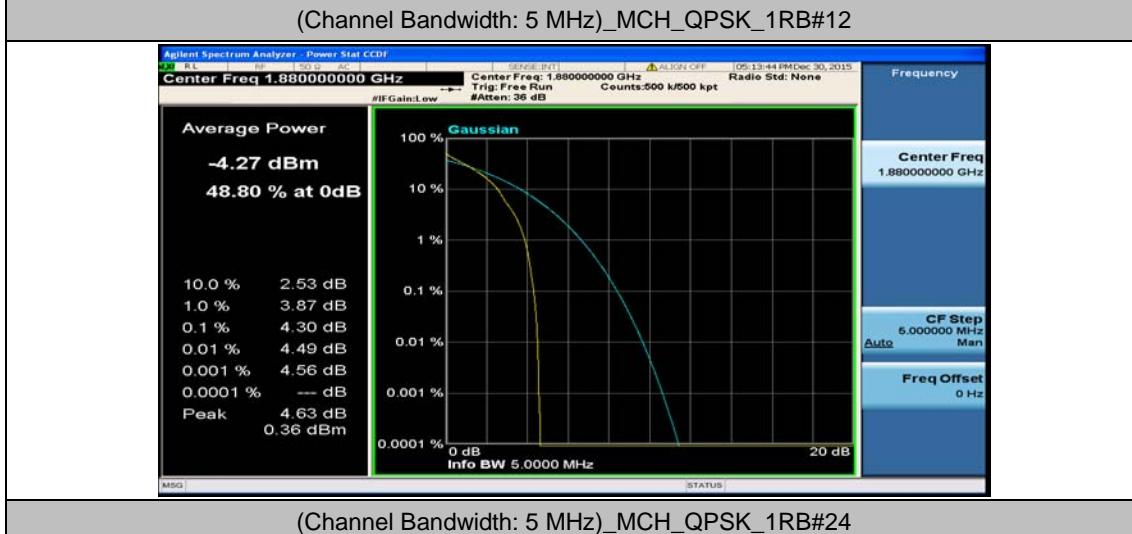
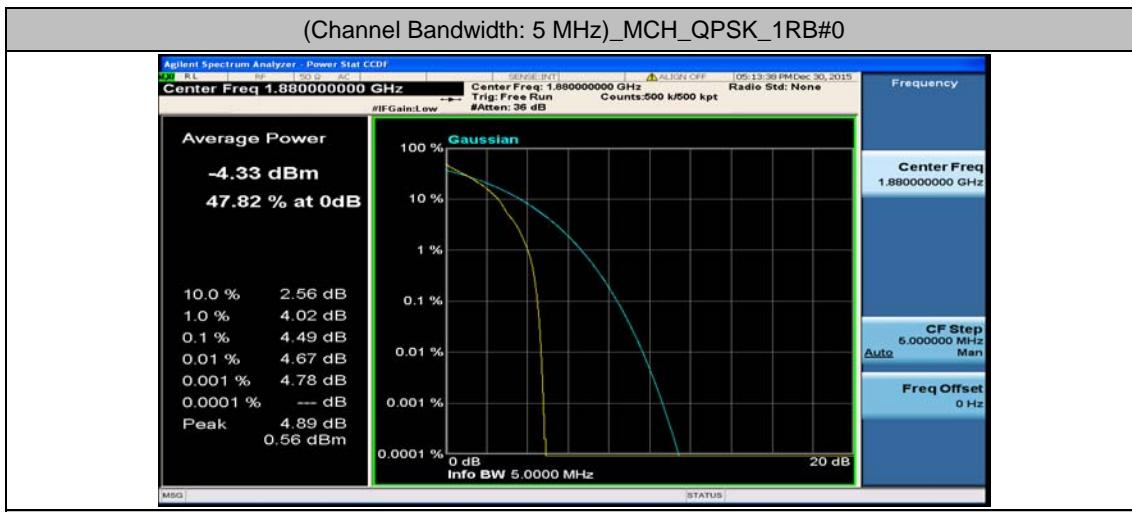




Channel Bandwidth: 5 MHz







(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24

