

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	23.64	PASS
		1	5	23.66	PASS
		3	0	22.92	PASS
		3	2	22.86	PASS
		3	3	22.52	PASS
		6	0	22.85	PASS
	MCH	1	0	23.16	PASS
		1	3	23.04	PASS
		1	5	23.01	PASS
		3	0	22.82	PASS
		3	2	22.88	PASS
		3	3	22.58	PASS
		6	0	22.45	PASS
16QAM	HCH	1	0	23.38	PASS
		1	3	23.37	PASS
		1	5	23.37	PASS
		3	0	23.29	PASS
		3	2	23.25	PASS
		3	3	23.23	PASS
		6	0	21.91	PASS
	LCH	1	0	22.87	PASS
		1	3	22.92	PASS
		1	5	22.89	PASS
		3	0	22.82	PASS
		3	2	22.76	PASS
		3	3	22.78	PASS
		6	0	21.65	PASS
	MCH	1	0	22.44	PASS
		1	3	22.39	PASS
		1	5	22.33	PASS
		3	0	22.15	PASS
		3	2	22.06	PASS

		3	3	22.07	PASS
		6	0	21.09	PASS
HCH	HCH	1	0	22.37	PASS
		1	3	22.42	PASS
		1	5	22.43	PASS
		3	0	22.21	PASS
		3	2	22.20	PASS
		3	3	22.18	PASS
		6	0	20.91	PASS

Channel Bandwidth: 3 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.72	PASS
		1	7	23.74	PASS
		1	14	23.69	PASS
		8	0	22.89	PASS
		8	4	22.87	PASS
		8	7	22.85	PASS
		15	0	22.83	PASS
	MCH	1	0	23.39	PASS
		1	7	23.21	PASS
		1	14	23.13	PASS
		8	0	22.35	PASS
		8	4	22.24	PASS
		8	7	22.16	PASS
		15	0	22.19	PASS
16QAM	LCH	1	0	23.65	PASS
		1	7	23.09	PASS
		1	14	23.00	PASS
		8	0	22.31	PASS
		8	4	22.2	PASS
		8	7	22.38	PASS
		15	0	22.18	PASS
	MCH	1	0	22.94	PASS
		1	7	22.95	PASS
		1	14	22.90	PASS
		8	0	21.91	PASS
		8	4	21.90	PASS
		8	7	21.86	PASS
		15	0	21.81	PASS

		1	7	22.48	PASS
		1	14	22.23	PASS
		8	0	21.32	PASS
		8	4	21.59	PASS
		8	7	21.98	PASS
		15	0	21.65	PASS
	HCH	1	0	22.02	PASS
		1	7	22.18	PASS
		1	14	22.37	PASS
		8	0	21.69	PASS
		8	4	21.47	PASS
		8	7	21.65	PASS
		15	0	21.98	PASS

Channel Bandwidth: 5 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.96	PASS
		1	12	23.60	PASS
		1	24	23.81	PASS
		12	0	22.92	PASS
		12	6	22.85	PASS
		12	13	22.85	PASS
		25	0	22.83	PASS
	MCH	1	0	23.67	PASS
		1	12	23.29	PASS
		1	24	23.18	PASS
		12	0	22.47	PASS
		12	6	22.30	PASS
		12	13	22.11	PASS
		25	0	22.25	PASS
	HCH	1	0	23.65	PASS
		1	12	23.18	PASS
		1	24	22.65	PASS
		12	0	22.17	PASS
		12	6	22.32	PASS
		12	13	22.32	PASS
		25	0	21.69	PASS
16QAM	LCH	1	0	23.09	PASS
		1	12	22.97	PASS
		1	24	22.95	PASS
		12	0	21.94	PASS

		12	6	21.89	PASS
		12	13	21.87	PASS
		25	0	21.83	PASS
MCH		1	0	22.75	PASS
		1	12	22.46	PASS
		1	24	22.11	PASS
		12	0	21.57	PASS
		12	6	21.40	PASS
		12	13	21.65	PASS
		25	0	21.42	PASS
HCH		1	0	22.65	PASS
		1	12	22.65	PASS
		1	24	22.36	PASS
		12	0	21.35	PASS
		12	6	21.05	PASS
		12	13	21.36	PASS
		25	0	21.65	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.69	PASS
		1	24	23.58	PASS
		1	49	23.06	PASS
		25	0	22.84	PASS
		25	12	22.85	PASS
		25	25	22.82	PASS
		50	0	22.84	PASS
	MCH	1	0	23.37	PASS
		1	24	23.26	PASS
		1	49	22.65	PASS
		25	0	22.62	PASS
		25	12	22.30	PASS
		25	25	22.65	PASS
		50	0	22.35	PASS
	HCH	1	0	23.36	PASS
		1	24	22.84	PASS
		1	49	22.61	PASS
		25	0	22.41	PASS
		25	12	22.10	PASS
		25	25	22.05	PASS
		50	0	22.65	PASS

16QAM	LCH	1	0	23.04	PASS
		1	24	22.96	PASS
		1	49	22.51	PASS
		25	0	21.85	PASS
		25	12	21.81	PASS
		25	25	21.76	PASS
		50	0	21.82	PASS
	MCH	1	0	22.92	PASS
		1	24	22.55	PASS
		1	49	22.62	PASS
		25	0	21.61	PASS
		25	12	21.32	PASS
		25	25	21.65	PASS
		50	0	21.4	PASS
	HCH	1	0	22.31	PASS
		1	24	22.05	PASS
		1	49	21.61	PASS
		25	0	21.47	PASS
		25	12	21.31	PASS
		25	25	21.65	PASS
		50	0	21.1	PASS

Channel Bandwidth: 15 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.93	PASS
		1	37	23.6	PASS
		1	74	23.07	PASS
		37	0	23.07	PASS
		37	18	23.05	PASS
		37	38	22.74	PASS
		75	0	23.04	PASS
	MCH	1	0	23.25	PASS
		1	37	23.3	PASS
		1	74	22.65	PASS
		37	0	22.08	PASS
		37	18	22.53	PASS
		37	38	22.45	PASS
		75	0	22.65	PASS
	HCH	1	0	23.43	PASS
		1	37	22.99	PASS
		1	74	22.77	PASS

		37	0	22.65	PASS
		37	18	21.97	PASS
		37	38	21.58	PASS
		75	0	21.69	PASS
16QAM	LCH	1	0	23.12	PASS
		1	37	22.99	PASS
		1	74	22.51	PASS
		37	0	21.97	PASS
		37	18	21.95	PASS
		37	38	21.91	PASS
		75	0	21.98	PASS
	MCH	1	0	22.45	PASS
		1	37	22.51	PASS
		1	74	22.98	PASS
		37	0	21.96	PASS
		37	18	21.46	PASS
		37	38	21.32	PASS
		75	0	20.51	PASS
	HCH	1	0	22.97	PASS
		1	37	22.74	PASS
		1	74	22.55	PASS
		37	0	21.65	PASS
		37	18	21.41	PASS
		37	38	21.64	PASS
		75	0	21.74	PASS

Channel Bandwidth: 20 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	24.05	PASS
		1	49	23.51	PASS
		1	99	22.91	PASS
		50	0	23.33	PASS
		50	25	23.28	PASS
		50	50	23.18	PASS
		100	0	23.31	PASS
	MCH	1	0	23.94	PASS
		1	49	23.87	PASS
		1	99	23.65	PASS
		50	0	23.02	PASS
		50	25	22.36	PASS
		50	50	22.62	PASS

		100	0	21.56	PASS
16QAM	HCH	1	0	23.95	PASS
		1	49	23.65	PASS
		1	99	23.47	PASS
		50	0	23.27	PASS
		50	25	23.14	PASS
		50	50	23.19	PASS
		100	0	22.35	PASS
16QAM	LCH	1	0	23.16	PASS
		1	49	22.84	PASS
		1	99	22.22	PASS
		50	0	21.88	PASS
		50	25	21.80	PASS
		50	50	21.68	PASS
		100	0	21.79	PASS
	MCH	1	0	22.80	PASS
		1	49	22.62	PASS
		1	99	21.98	PASS
		50	0	21.75	PASS
		50	25	21.41	PASS
		50	50	21.65	PASS
		100	0	20.55	PASS
16QAM	HCH	1	0	22.65	PASS
		1	49	22.71	PASS
		1	99	21.94	PASS
		50	0	21.87	PASS
		50	25	21.83	PASS
		50	50	21.82	PASS
		100	0	21.32	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	4.51	<13	PASS
		1	3	4.52	<13	PASS
		1	5	4.51	<13	PASS
		3	0	4.3	<13	PASS
		3	2	4.19	<13	PASS
		3	3	4.17	<13	PASS
		6	0	5.41	<13	PASS
	MCH	1	0	4.07	<13	PASS
		1	3	4.21	<13	PASS
		1	5	4.18	<13	PASS
		3	0	3.97	<13	PASS
		3	2	4.15	<13	PASS
		3	3	4.18	<13	PASS
		6	0	5.15	<13	PASS
16QAM	LCH	1	0	2.78	<13	PASS
		1	3	2.22	<13	PASS
		1	5	1.86	<13	PASS
		3	0	2.54	<13	PASS
		3	2	2.33	<13	PASS
		3	3	2.23	<13	PASS
		6	0	3.24	<13	PASS
	MCH	1	0	5.35	<13	PASS
		1	3	5.34	<13	PASS
		1	5	5.35	<13	PASS
		3	0	5.09	<13	PASS
		3	2	5.13	<13	PASS
		3	3	5.18	<13	PASS
		6	0	6.18	<13	PASS

		3	2	5.1	<13	PASS
		3	3	5.14	<13	PASS
		6	0	6.09	<13	PASS
HCH		1	0	3.5	<13	PASS
		1	3	3.17	<13	PASS
		1	5	3.09	<13	PASS
		3	0	3.38	<13	PASS
		3	2	3.25	<13	PASS
		3	3	3.15	<13	PASS
		6	0	4.36	<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	3.98	<13	PASS
		1	7	4.12	<13	PASS
		1	14	4.14	<13	PASS
		8	0	5.12	<13	PASS
		8	4	5.17	<13	PASS
		8	7	5.15	<13	PASS
		15	0	5.21	<13	PASS
	MCH	1	0	3.69	<13	PASS
		1	7	4.01	<13	PASS
		1	14	4.28	<13	PASS
		8	0	5.05	<13	PASS
		8	4	5.16	<13	PASS
		8	7	5.31	<13	PASS
		15	0	5.27	<13	PASS
	HCH	1	0	3.1	<13	PASS
		1	7	2.7	<13	PASS
		1	14	1.86	<13	PASS
		8	0	4	<13	PASS
		8	4	3.74	<13	PASS
		8	7	3.47	<13	PASS
		15	0	3.87	<13	PASS
16QAM	LCH	1	0	4.89	<13	PASS
		1	7	4.99	<13	PASS
		1	14	5.15	<13	PASS
		8	0	5.89	<13	PASS
		8	4	5.87	<13	PASS

		8	7	5.93	<13	PASS
		15	0	6.12	<13	PASS
MCH		1	0	4.72	<13	PASS
		1	7	5.01	<13	PASS
		1	14	5.24	<13	PASS
		8	0	5.75	<13	PASS
		8	4	5.92	<13	PASS
		8	7	6.2	<13	PASS
		15	0	6.19	<13	PASS
HCH		1	0	3.97	<13	PASS
		1	7	3.73	<13	PASS
		1	14	3.07	<13	PASS
		8	0	4.95	<13	PASS
		8	4	4.78	<13	PASS
		8	7	4.51	<13	PASS
		15	0	4.83	<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	3.98	<13	PASS
		1	12	4.21	<13	PASS
		1	24	4.32	<13	PASS
		12	0	5.14	<13	PASS
		12	6	5.21	<13	PASS
		12	13	5.26	<13	PASS
		25	0	5.29	<13	PASS
	MCH	1	0	3.63	<13	PASS
		1	12	4.08	<13	PASS
		1	24	4.41	<13	PASS
		12	0	4.86	<13	PASS
		12	6	5.06	<13	PASS
		12	13	5.31	<13	PASS
		25	0	5.2	<13	PASS
	HCH	1	0	3.57	<13	PASS
		1	12	2.98	<13	PASS
		1	24	2.01	<13	PASS
		12	0	4.56	<13	PASS
		12	6	4.28	<13	PASS
		12	13	3.83	<13	PASS

		25	0	4.35	<13	PASS
16QAM	LCH	1	0	4.81	<13	PASS
		1	12	4.99	<13	PASS
		1	24	5.07	<13	PASS
		12	0	5.98	<13	PASS
		12	6	6.13	<13	PASS
		12	13	6.17	<13	PASS
		25	0	6.03	<13	PASS
	MCH	1	0	4.49	<13	PASS
		1	12	5.01	<13	PASS
		1	24	5.36	<13	PASS
		12	0	5.74	<13	PASS
		12	6	5.94	<13	PASS
		12	13	6.19	<13	PASS
		25	0	6.16	<13	PASS
	HCH	1	0	4.26	<13	PASS
		1	12	3.9	<13	PASS
		1	24	3.02	<13	PASS
		12	0	5.38	<13	PASS
		12	6	5.17	<13	PASS
		12	13	4.78	<13	PASS
		25	0	5.27	<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	4.02	<13	PASS
		1	24	4.15	<13	PASS
		1	49	3.81	<13	PASS
		25	0	5.27	<13	PASS
		25	12	5.25	<13	PASS
		25	25	5.13	<13	PASS
		50	0	5.27	<13	PASS
	MCH	1	0	3.11	<13	PASS
		1	24	4.02	<13	PASS
		1	49	4.59	<13	PASS
		25	0	4.75	<13	PASS
		25	12	5.2	<13	PASS
		25	25	5.51	<13	PASS
		50	0	5.24	<13	PASS

		1	0	2.18	<13	PASS
	HCH	1	24	3.46	<13	PASS
		1	49	2.32	<13	PASS
		25	0	4.02	<13	PASS
		25	12	4.54	<13	PASS
		25	25	4.43	<13	PASS
		50	0	4.34	<13	PASS
		1	0	4.88	<13	PASS
	LCH	1	24	5.08	<13	PASS
		1	49	4.72	<13	PASS
		25	0	6.03	<13	PASS
		25	12	6.04	<13	PASS
		25	25	5.95	<13	PASS
		50	0	6.02	<13	PASS
		1	0	4.1	<13	PASS
	MCH	1	24	4.83	<13	PASS
		1	49	5.58	<13	PASS
		25	0	5.66	<13	PASS
		25	12	6.04	<13	PASS
		25	25	6.39	<13	PASS
		50	0	6.01	<13	PASS
		1	0	3.24	<13	PASS
	HCH	1	24	4.34	<13	PASS
		1	49	3.41	<13	PASS
		25	0	4.98	<13	PASS
		25	12	5.51	<13	PASS
		25	25	5.48	<13	PASS
		50	0	5.28	<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	3.99	<13	PASS
		1	37	4.11	<13	PASS
		1	74	3.07	<13	PASS
		37	0	5.21	<13	PASS
		37	18	5.08	<13	PASS
		37	38	4.72	<13	PASS
		75	0	5.32	<13	PASS
	MCH	1	0	2.79	<13	PASS

		1	37	4	<13	PASS
		1	74	4.46	<13	PASS
		37	0	4.37	<13	PASS
		37	18	5.07	<13	PASS
		37	38	5.51	<13	PASS
		75	0	5.32	<13	PASS
	HCH	1	0	2.34	<13	PASS
		1	37	2.74	<13	PASS
		1	74	2.34	<13	PASS
		37	0	3.37	<13	PASS
		37	18	3.81	<13	PASS
		37	38	4.44	<13	PASS
		75	0	4.46	<13	PASS
16QAM	LCH	1	0	4.9	<13	PASS
		1	37	5.03	<13	PASS
		1	74	4.09	<13	PASS
		37	0	6.06	<13	PASS
		37	18	5.94	<13	PASS
		37	38	5.6	<13	PASS
		75	0	6.06	<13	PASS
	MCH	1	0	3.8	<13	PASS
		1	37	5	<13	PASS
		1	74	5.44	<13	PASS
		37	0	5.34	<13	PASS
		37	18	6.01	<13	PASS
		37	38	6.38	<13	PASS
		75	0	6.01	<13	PASS
	HCH	1	0	3.38	<13	PASS
		1	37	3.71	<13	PASS
		1	74	3.42	<13	PASS
		37	0	4.34	<13	PASS
		37	18	4.8	<13	PASS
		37	38	5.38	<13	PASS
		75	0	5.2	<13	PASS

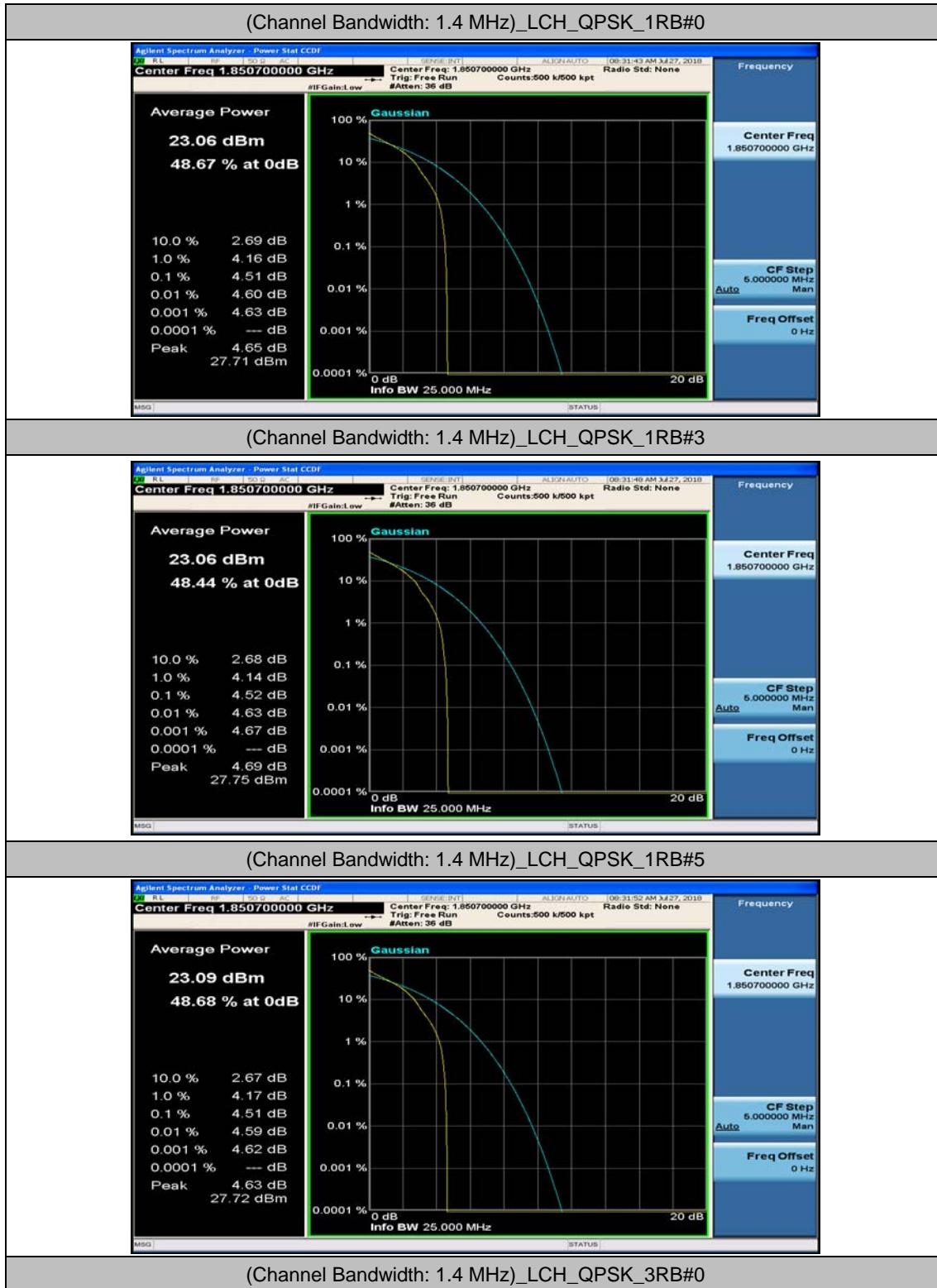
Channel Bandwidth: 20 MHz

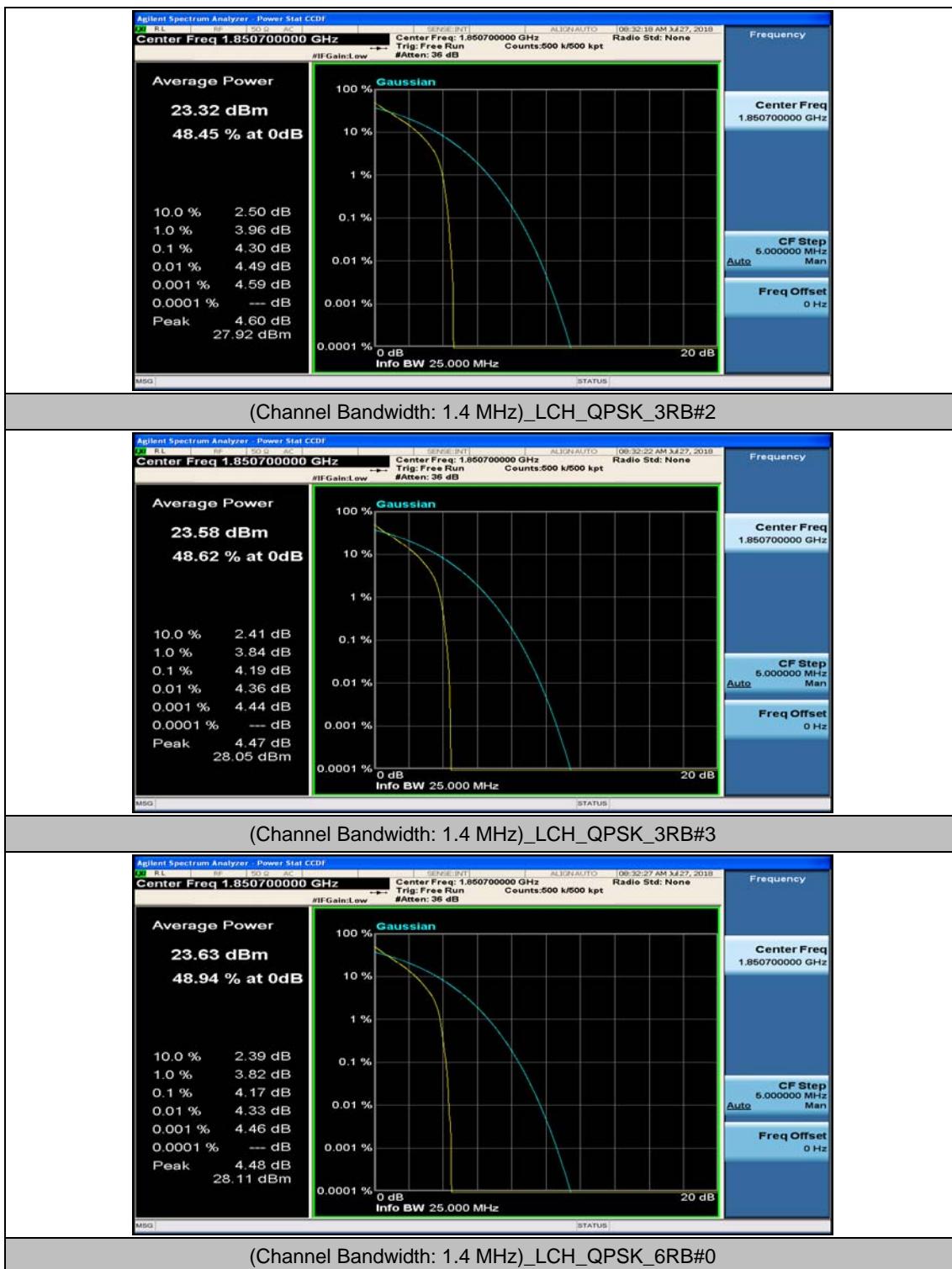
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.03	<13	PASS
		1	49	3.74	<13	PASS

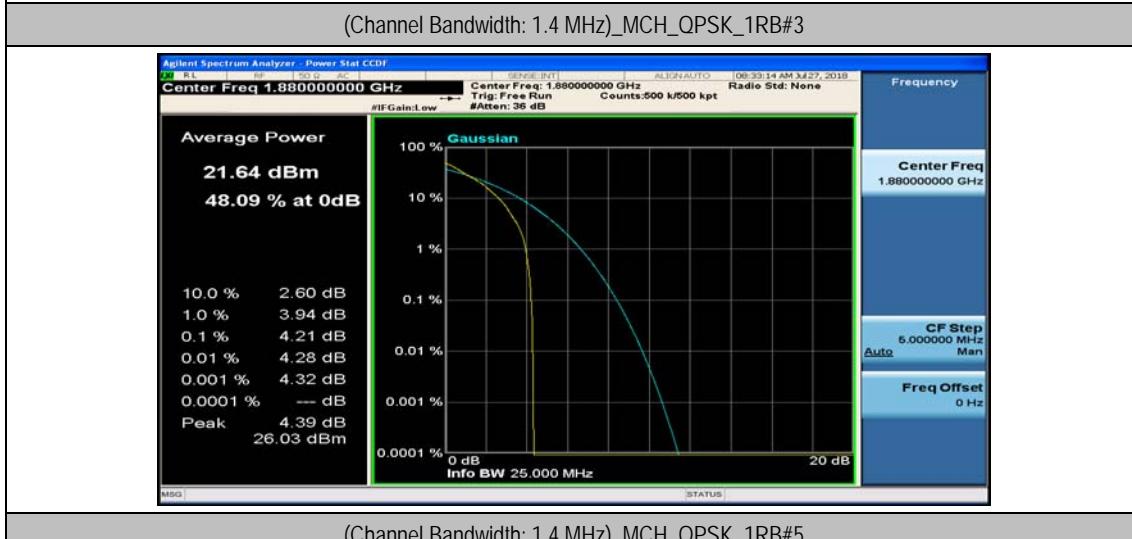
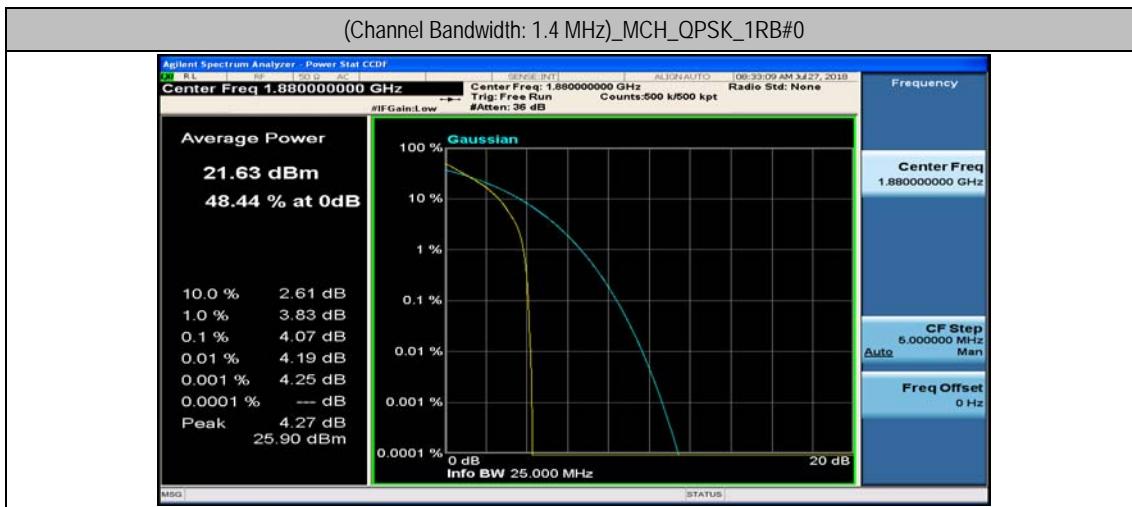
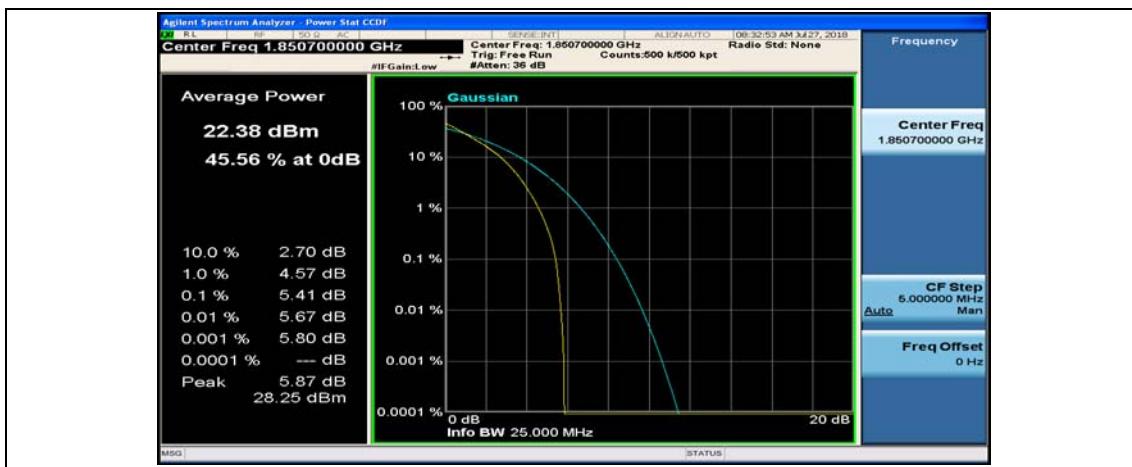
		1	99	2.56	<13	PASS
		50	0	5.2	<13	PASS
		50	25	4.86	<13	PASS
		50	50	4.4	<13	PASS
		100	0	5.14	<13	PASS
	MCH	1	0	2.54	<13	PASS
		1	49	4.08	<13	PASS
		1	99	4.22	<13	PASS
		50	0	4.47	<13	PASS
		50	25	5.18	<13	PASS
		50	50	5.52	<13	PASS
		100	0	5.19	<13	PASS
	HCH	1	0	3.61	<13	PASS
		1	49	2.13	<13	PASS
		1	99	2.63	<13	PASS
		50	0	3.97	<13	PASS
		50	25	3.89	<13	PASS
		50	50	4.34	<13	PASS
		100	0	4.71	<13	PASS
	LCH	1	0	4.84	<13	PASS
		1	49	4.52	<13	PASS
		1	99	3.52	<13	PASS
		50	0	6.07	<13	PASS
		50	25	5.69	<13	PASS
		50	50	5.25	<13	PASS
		100	0	5.91	<13	PASS
	MCH	1	0	3.41	<13	PASS
		1	49	4.8	<13	PASS
		1	99	5.11	<13	PASS
		50	0	5.29	<13	PASS
		50	25	5.95	<13	PASS
		50	50	6.33	<13	PASS
		100	0	5.97	<13	PASS
	HCH	1	0	4.46	<13	PASS
		1	49	3.14	<13	PASS
		1	99	3.49	<13	PASS
		50	0	4.84	<13	PASS
		50	25	4.77	<13	PASS
		50	50	5.29	<13	PASS
		100	0	5.5	<13	PASS

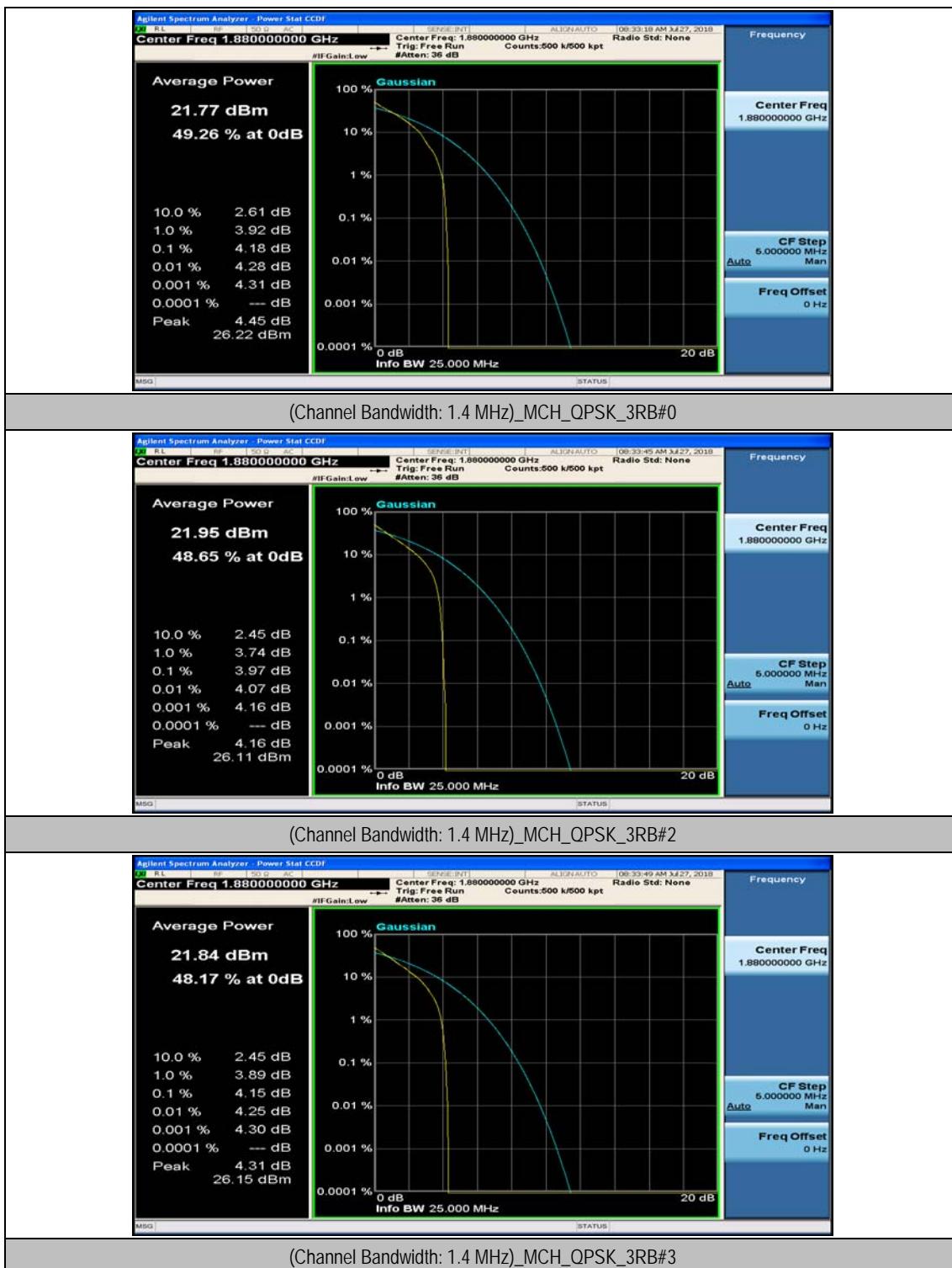
Test Graphs

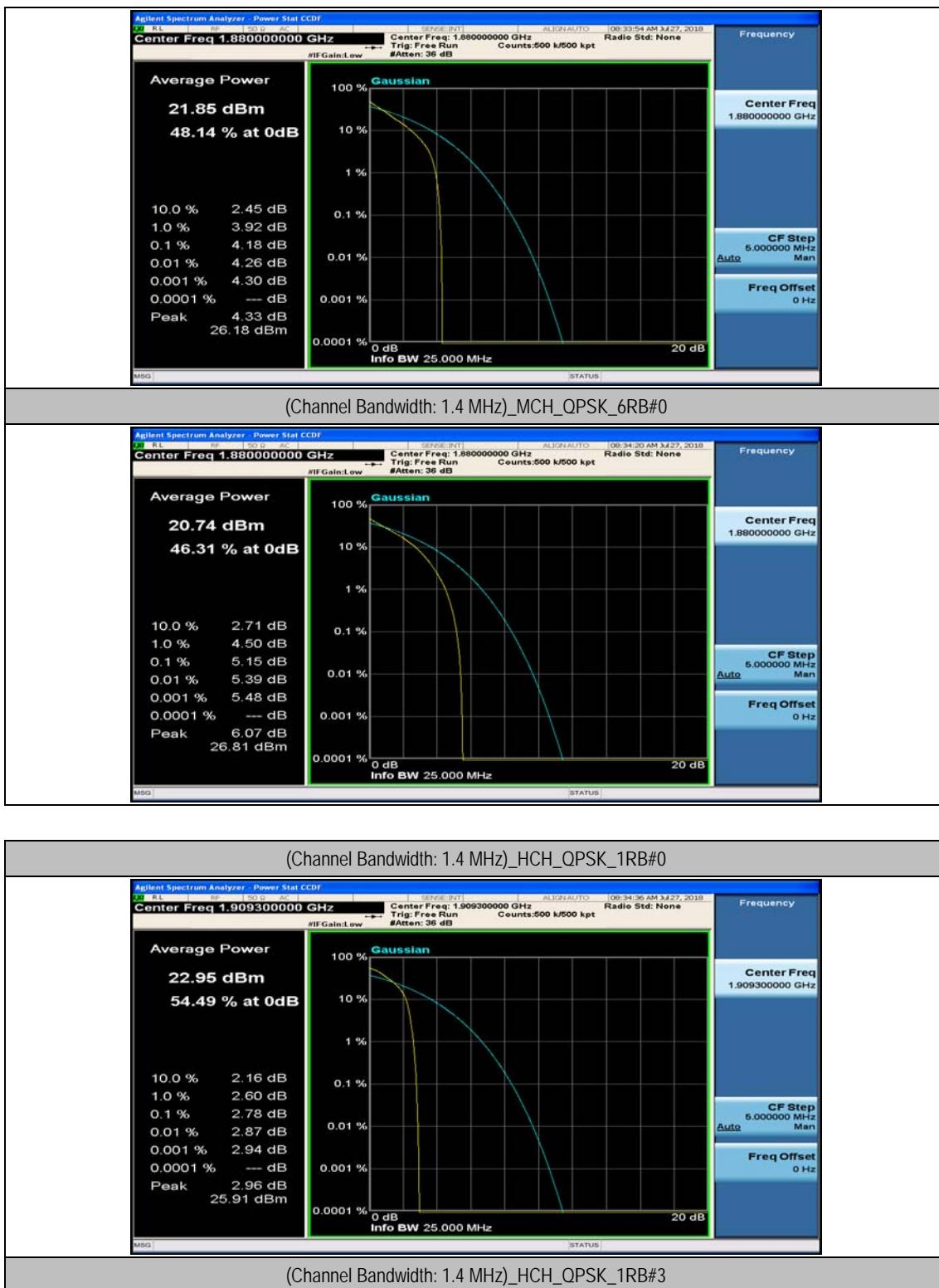
Channel Bandwidth: 1.4 MHz

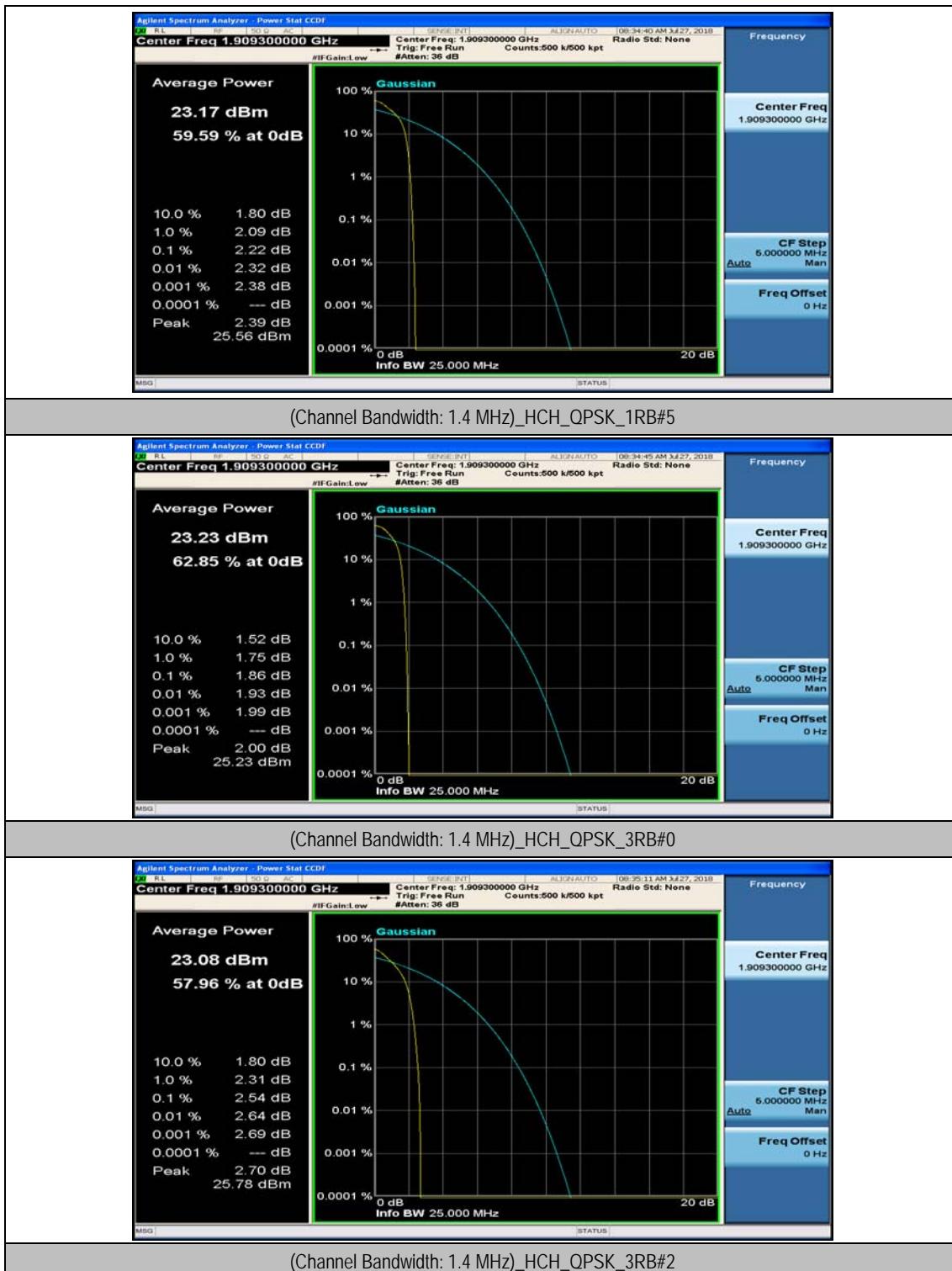


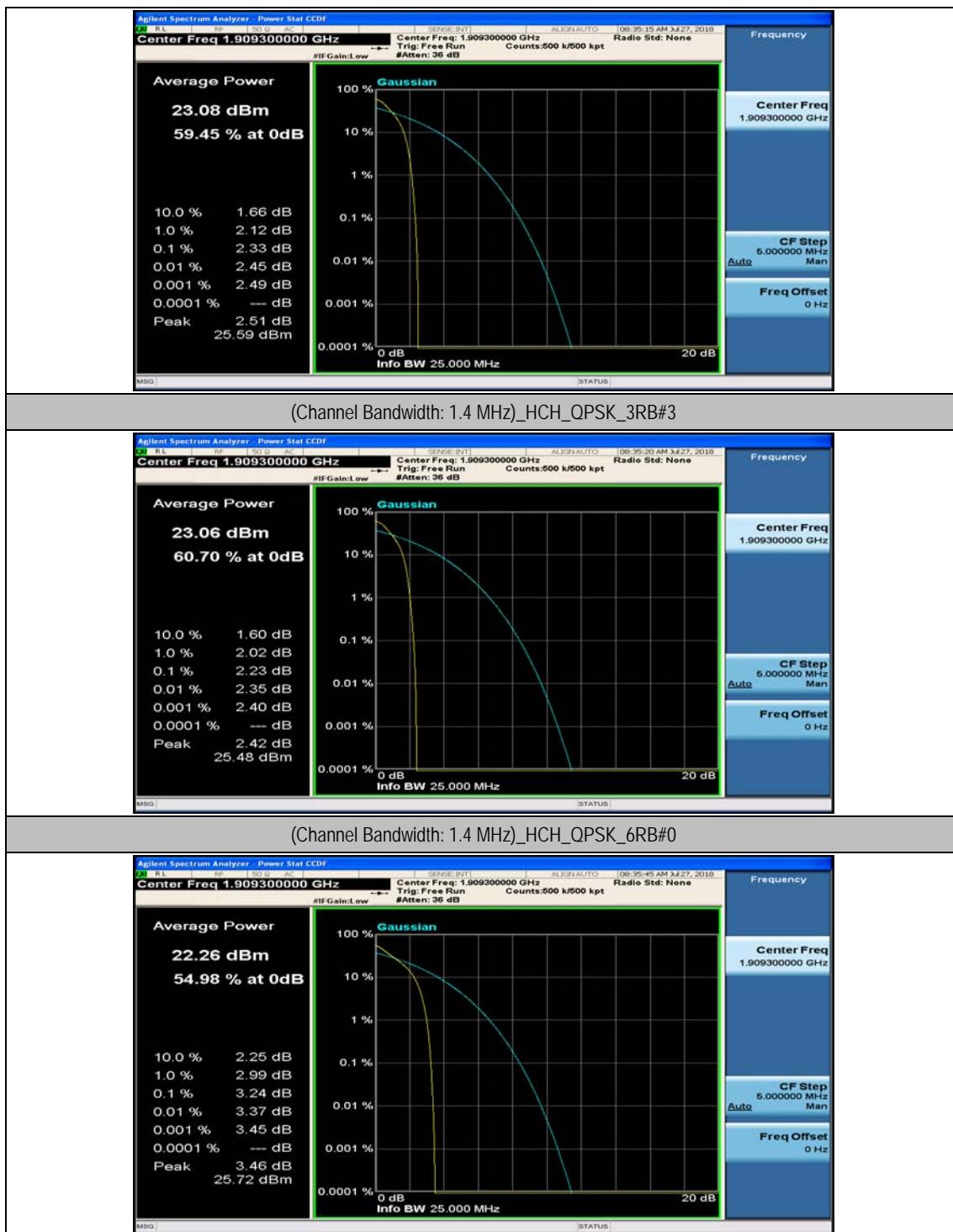


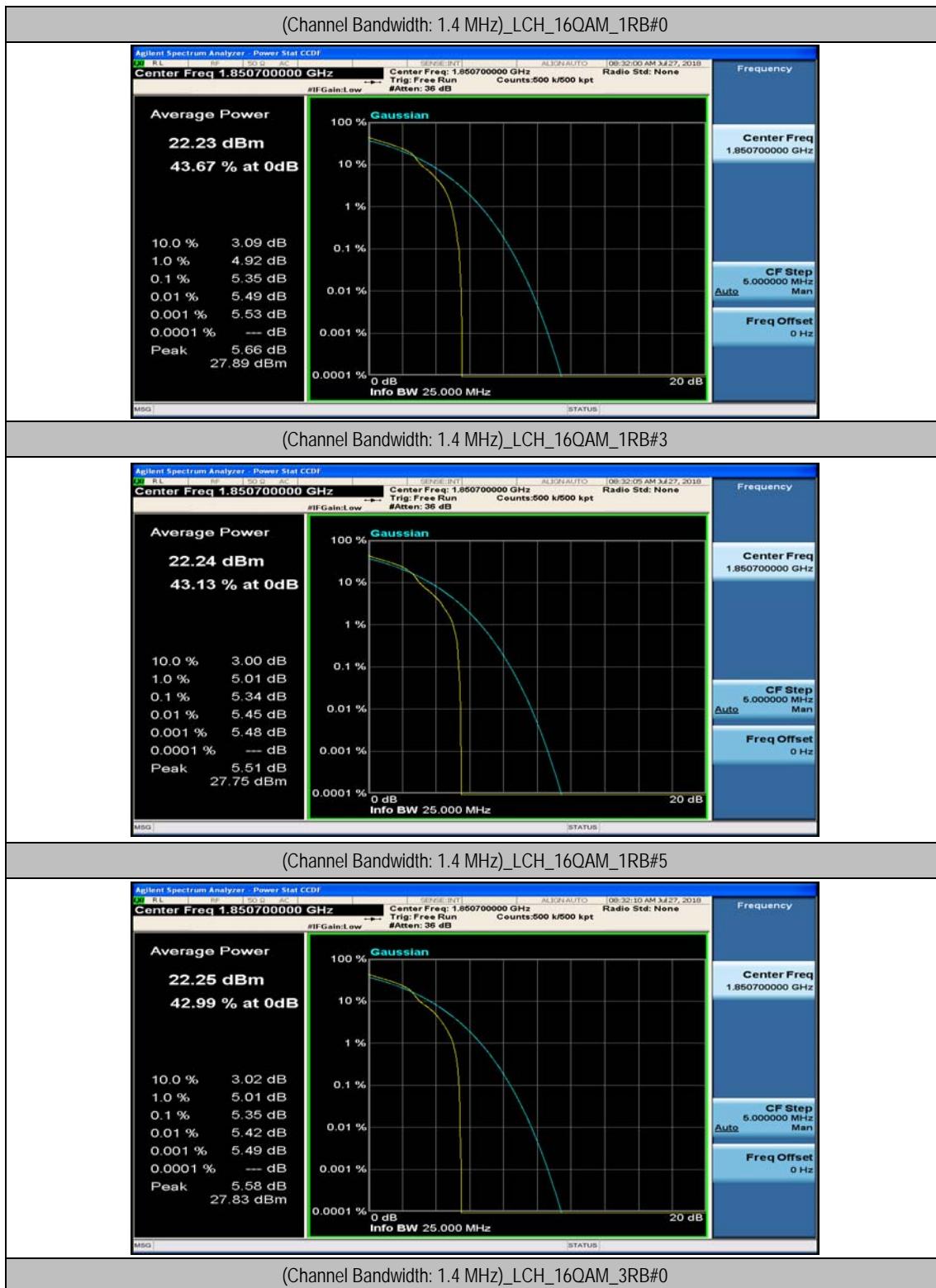


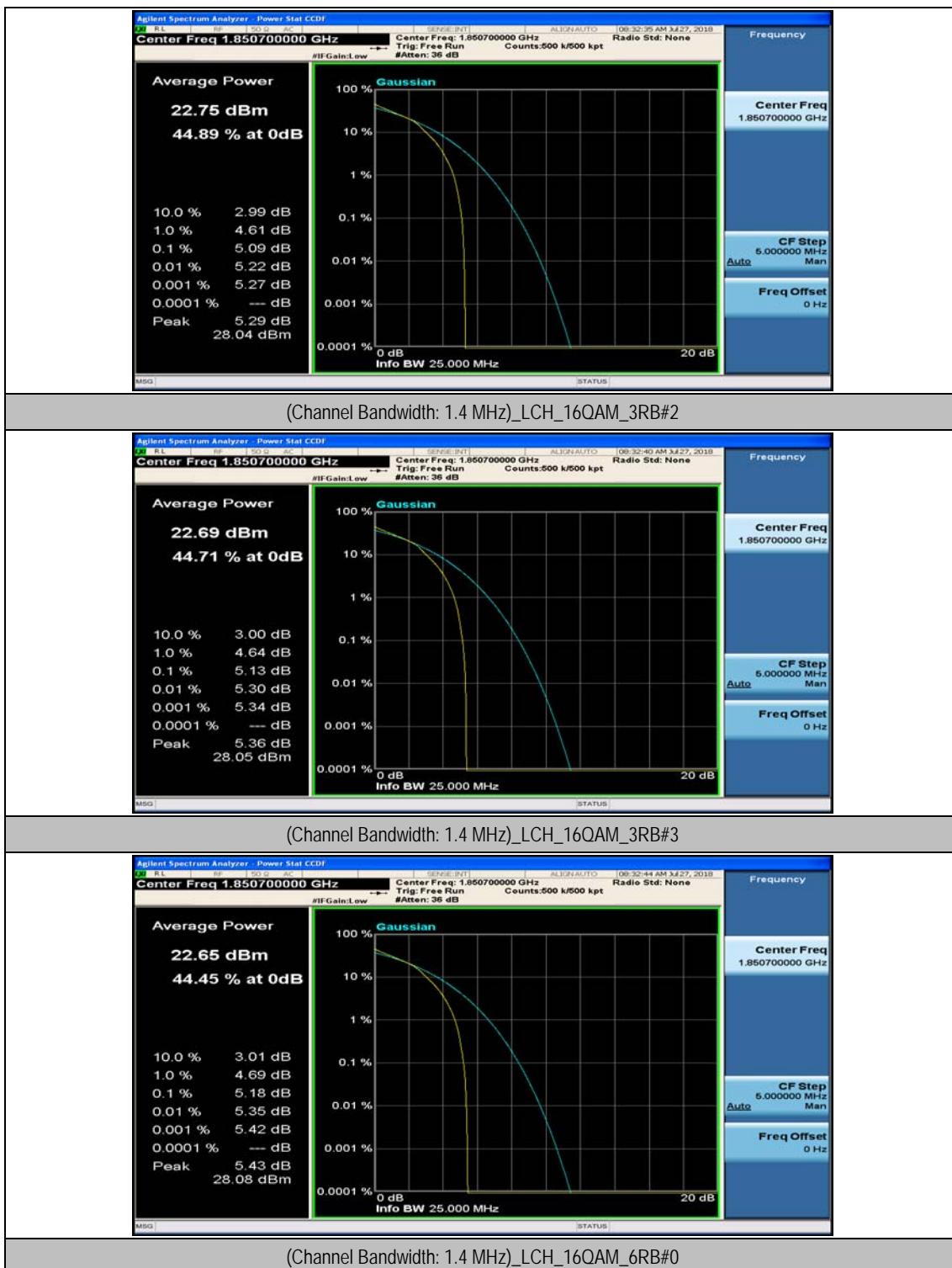


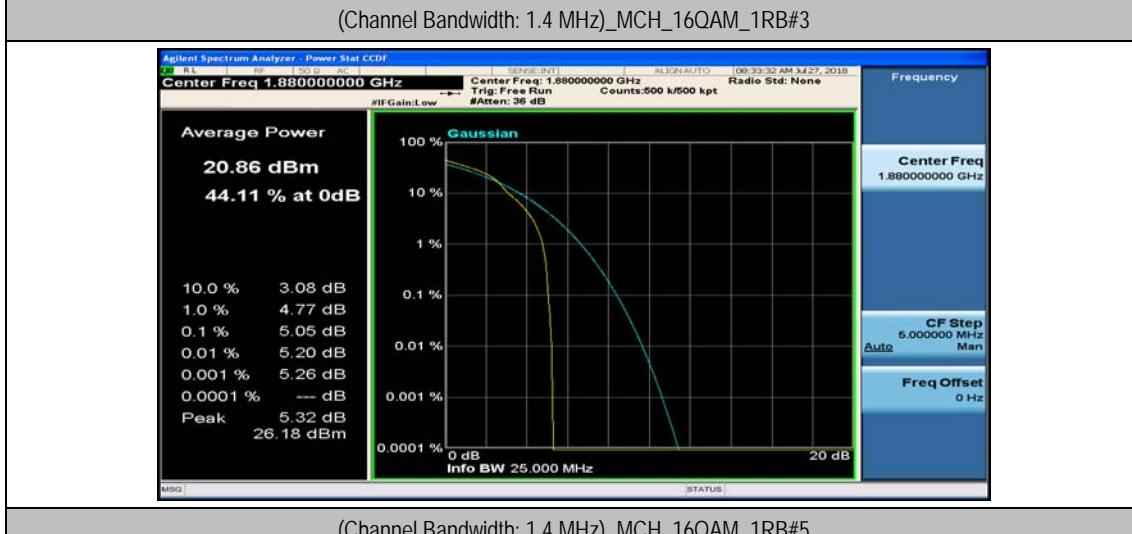
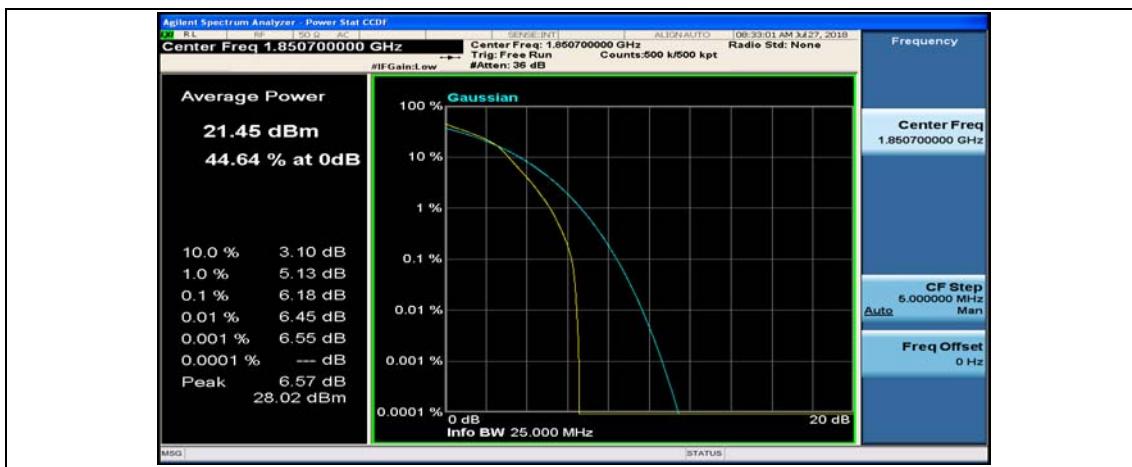


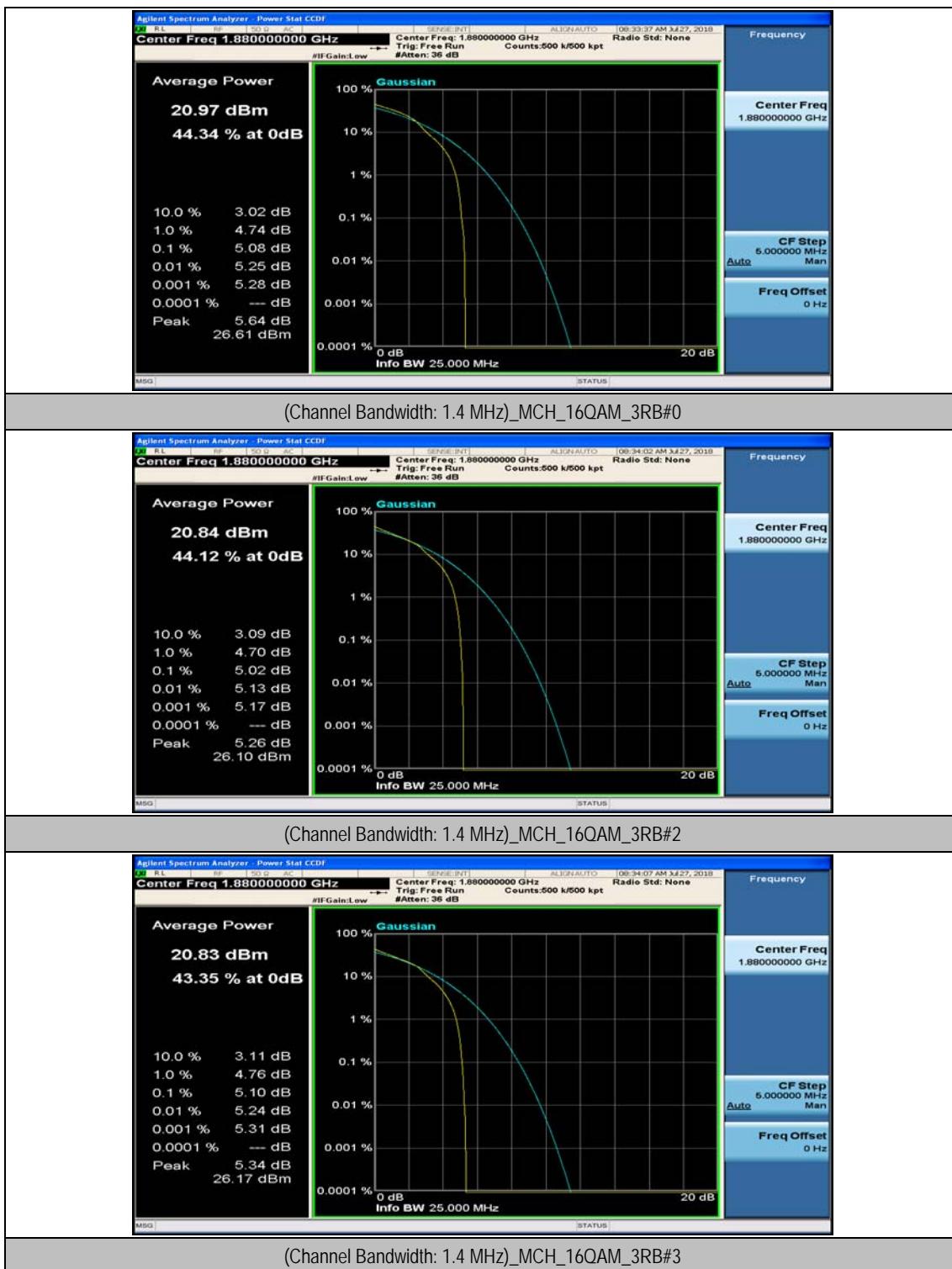


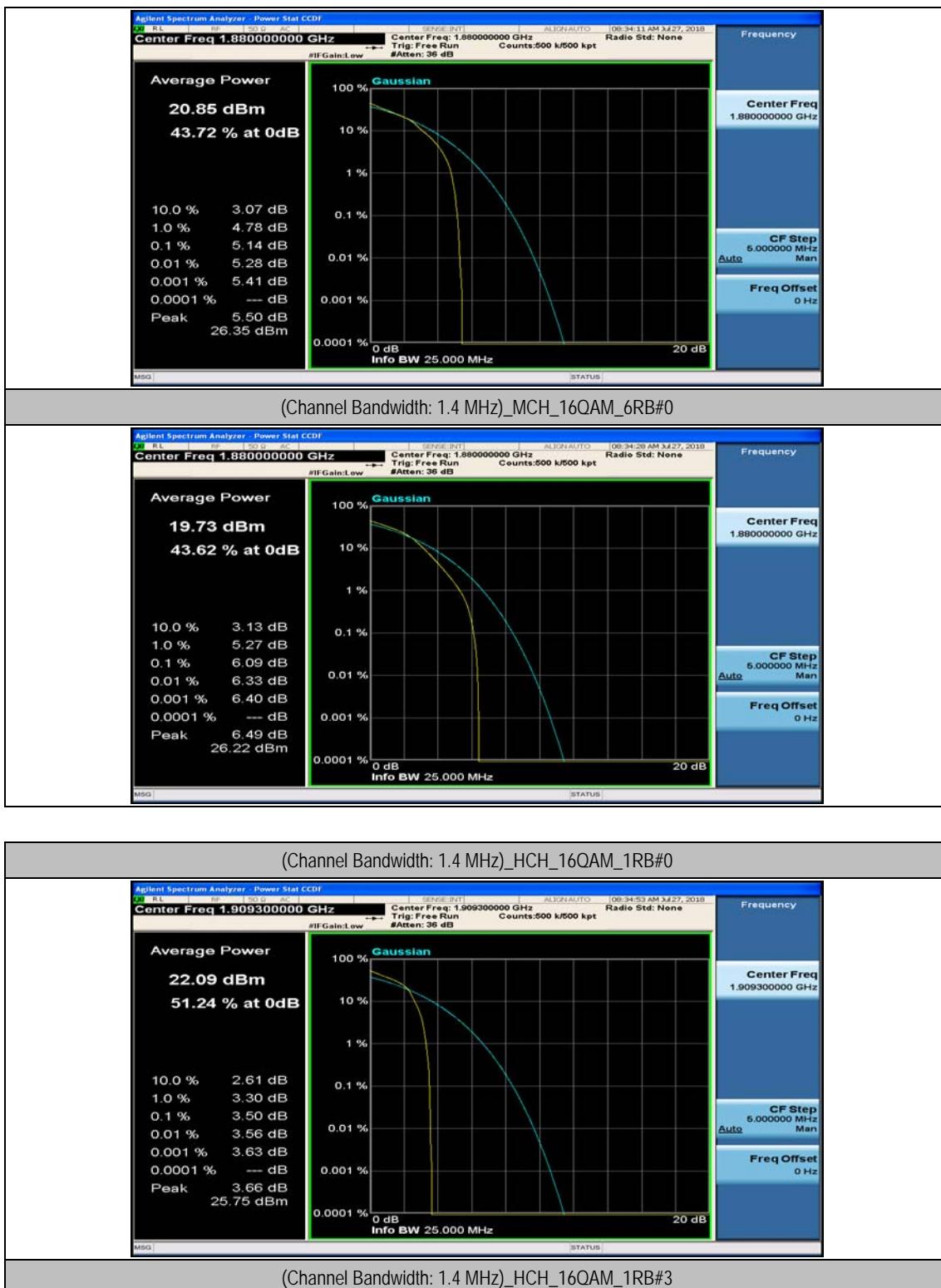


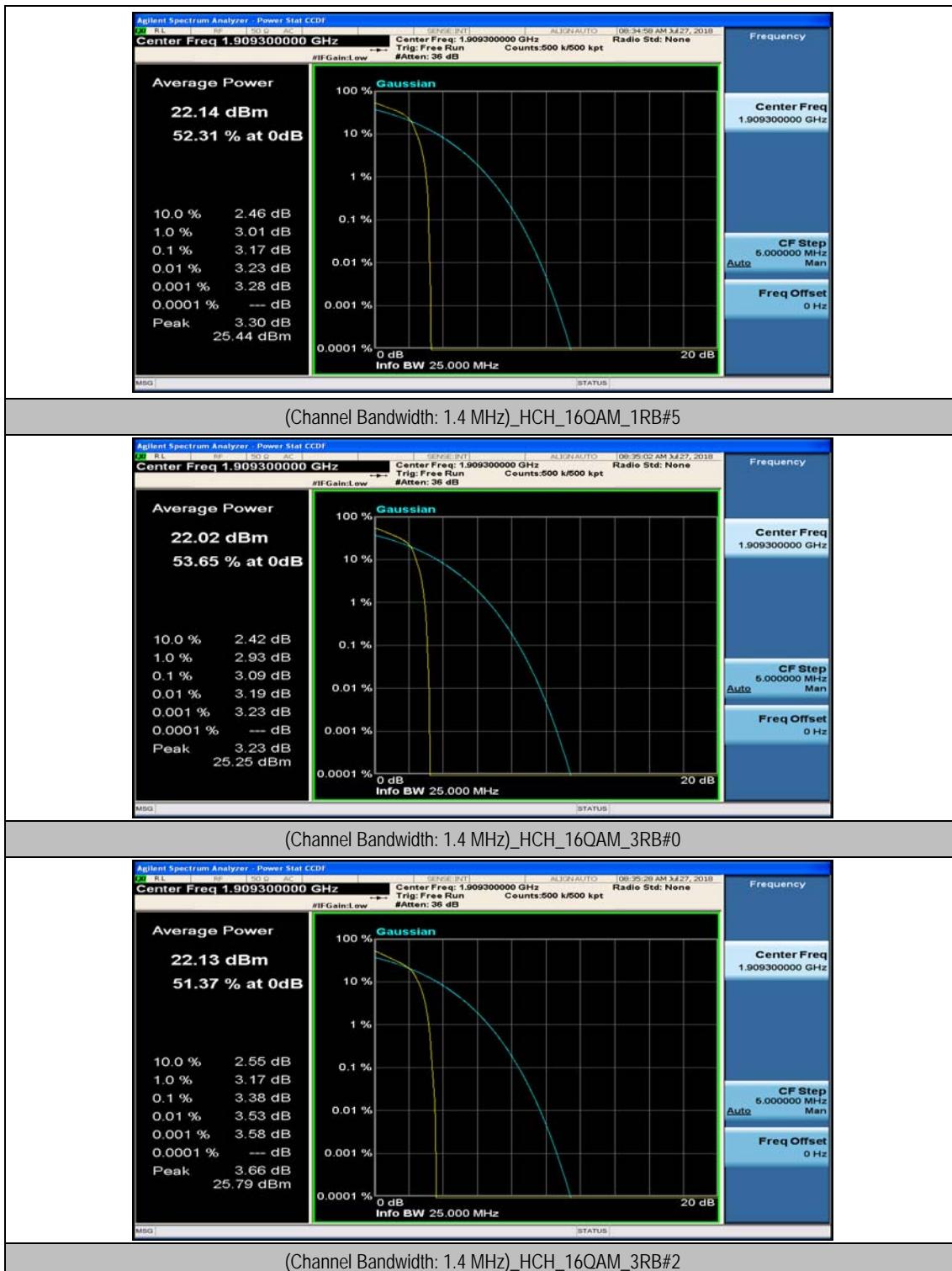


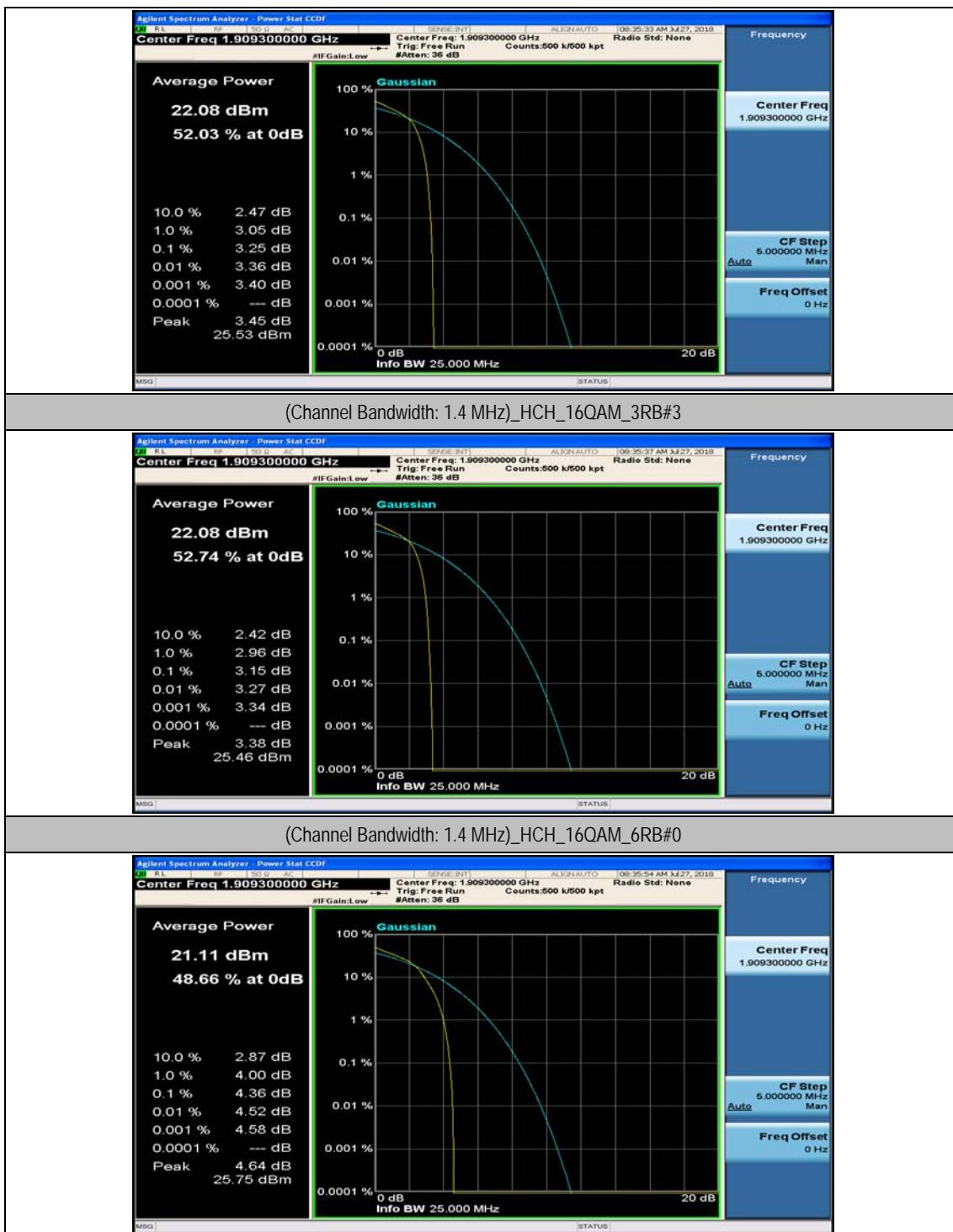




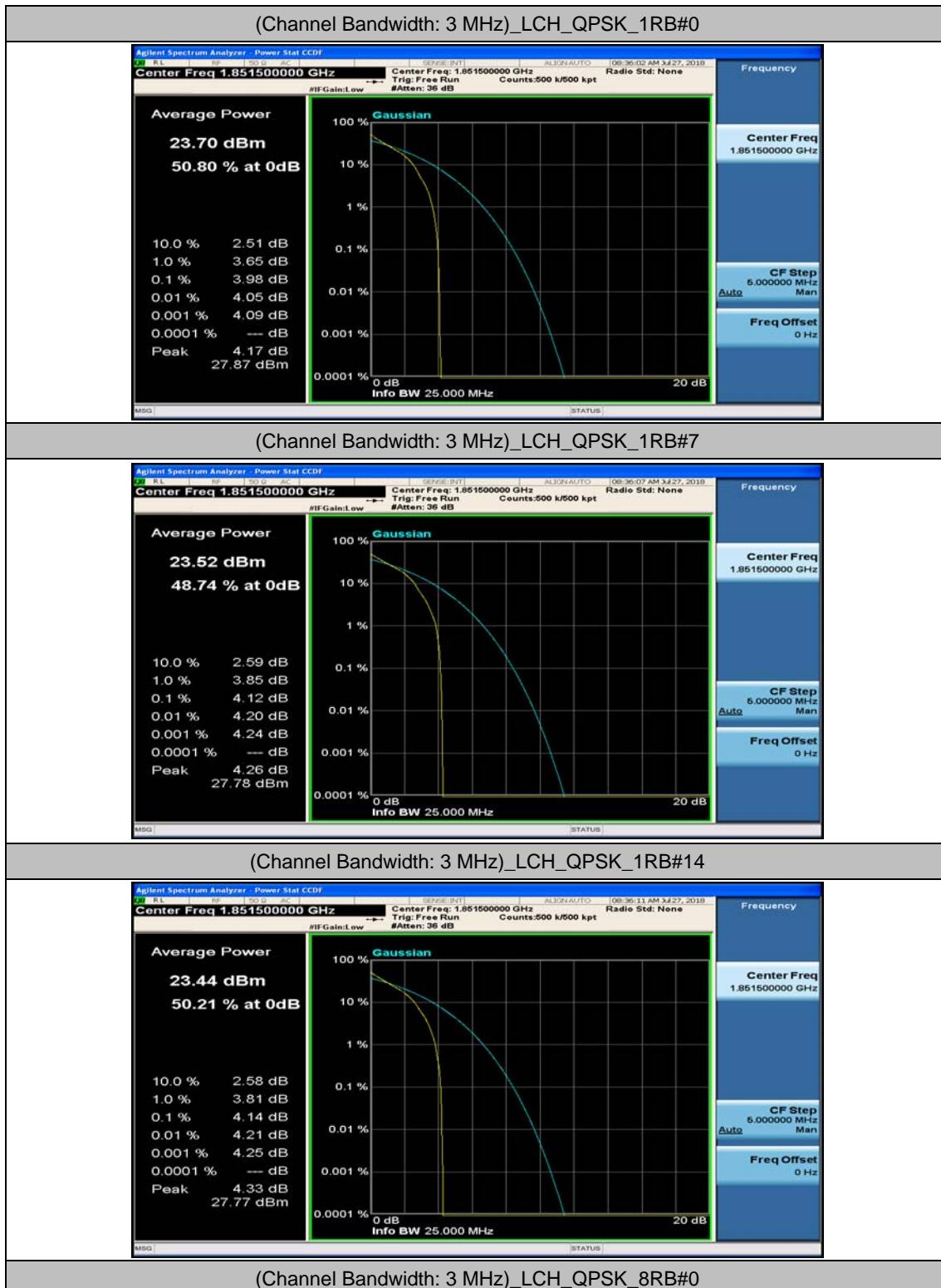


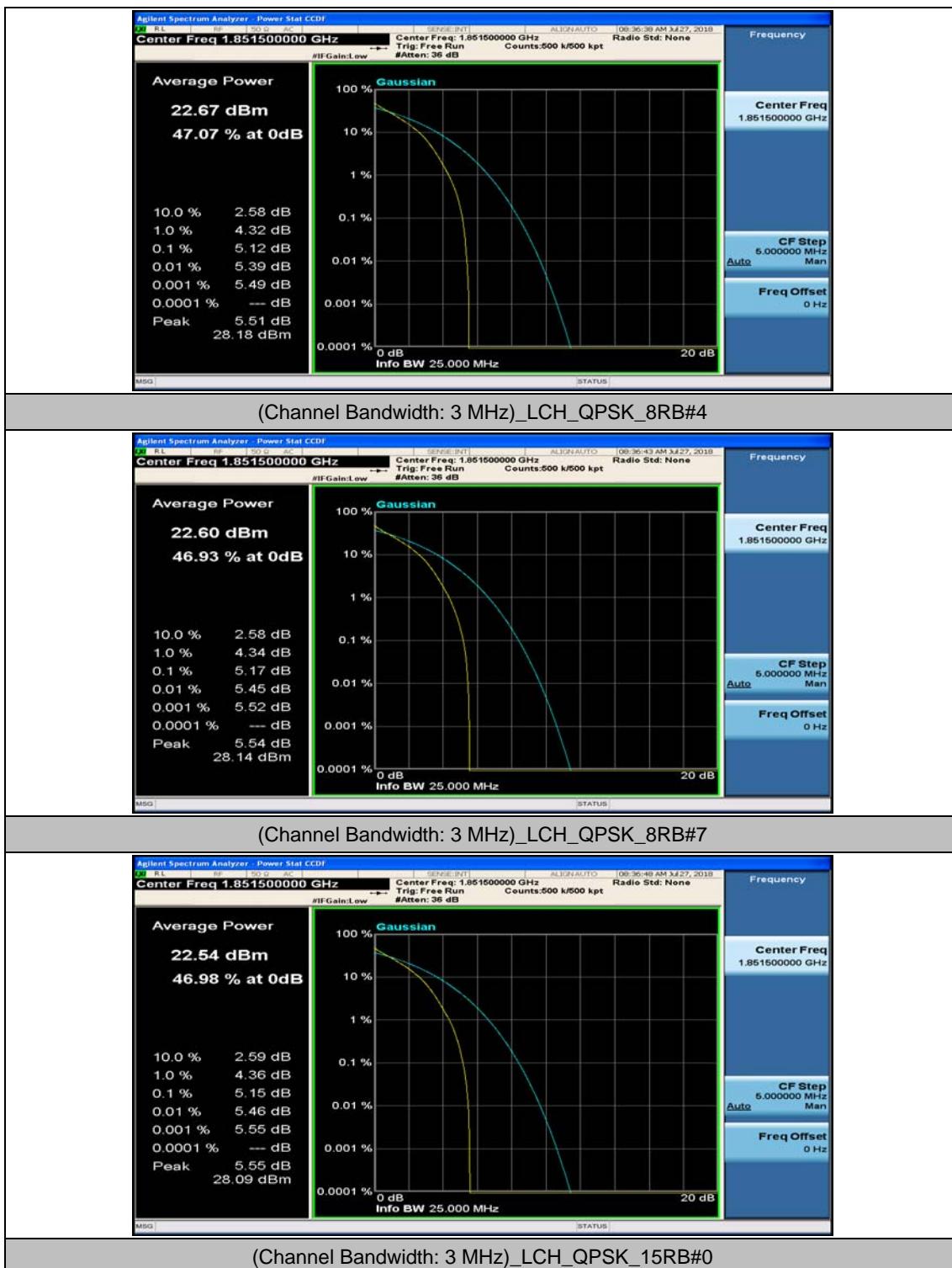


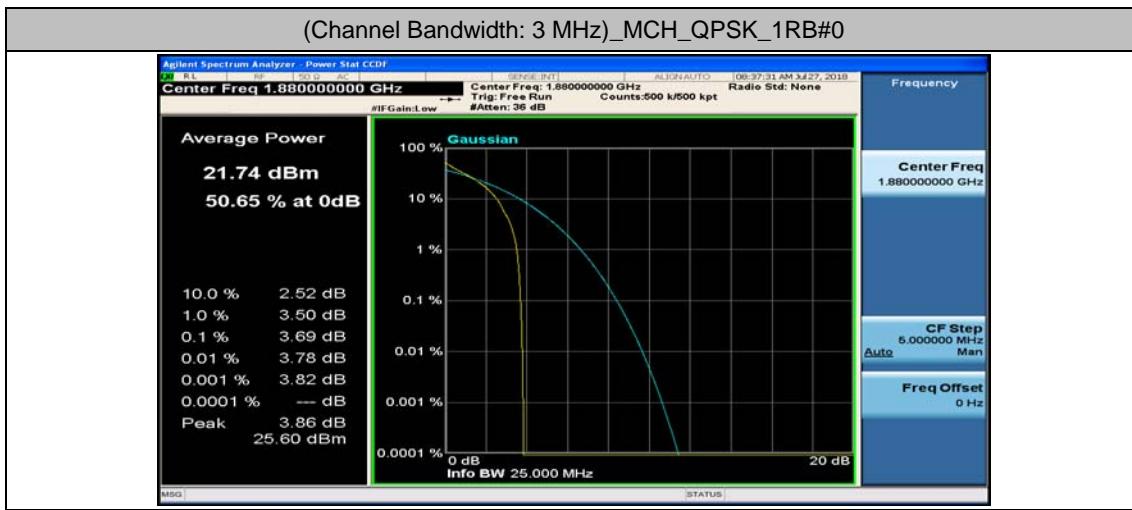
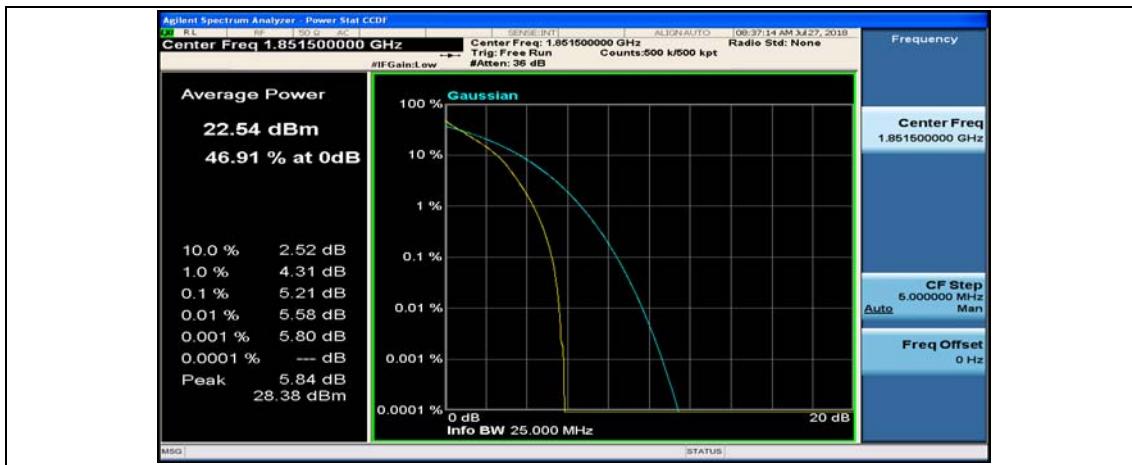


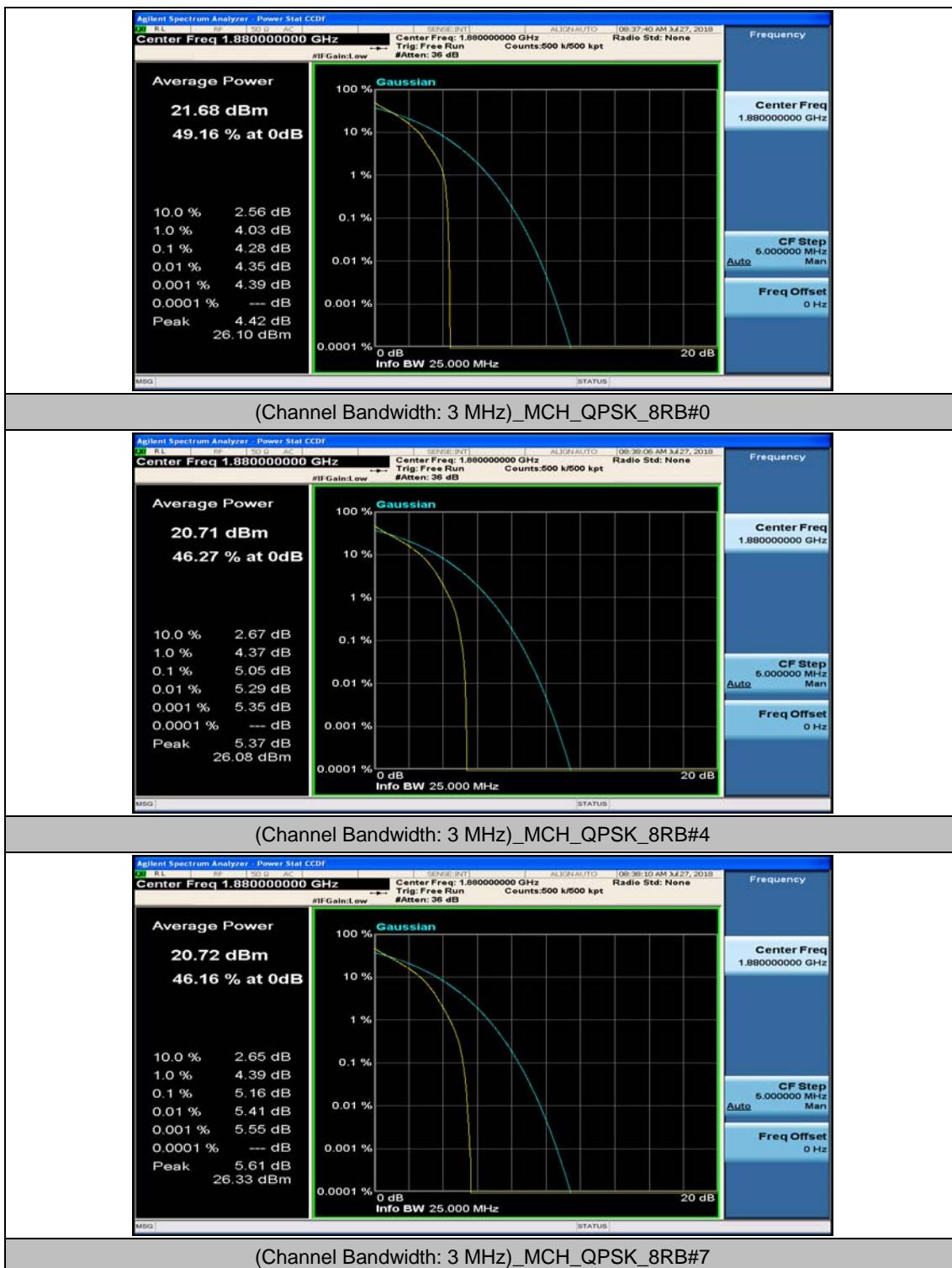


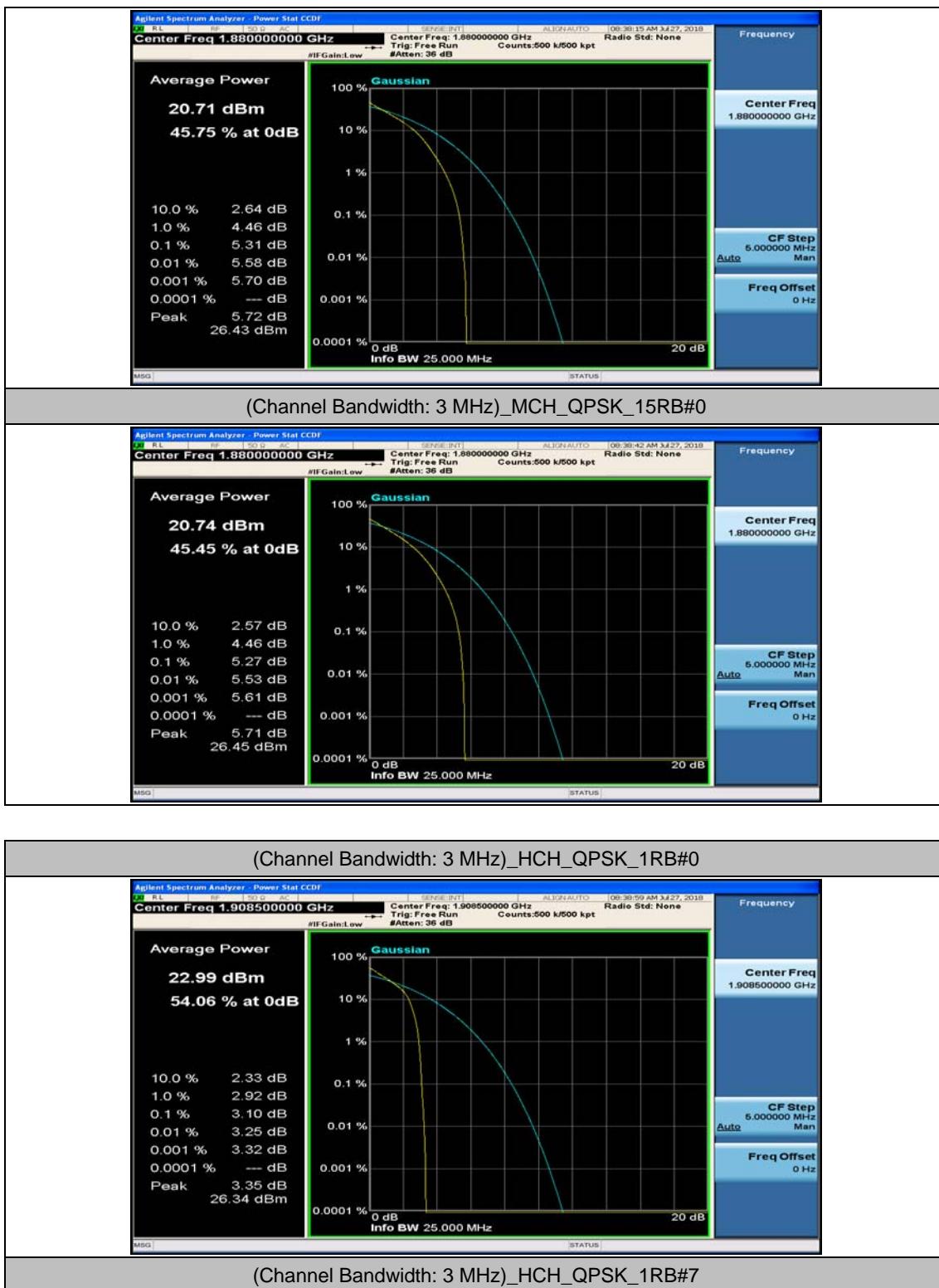
Channel Bandwidth: 3 MHz

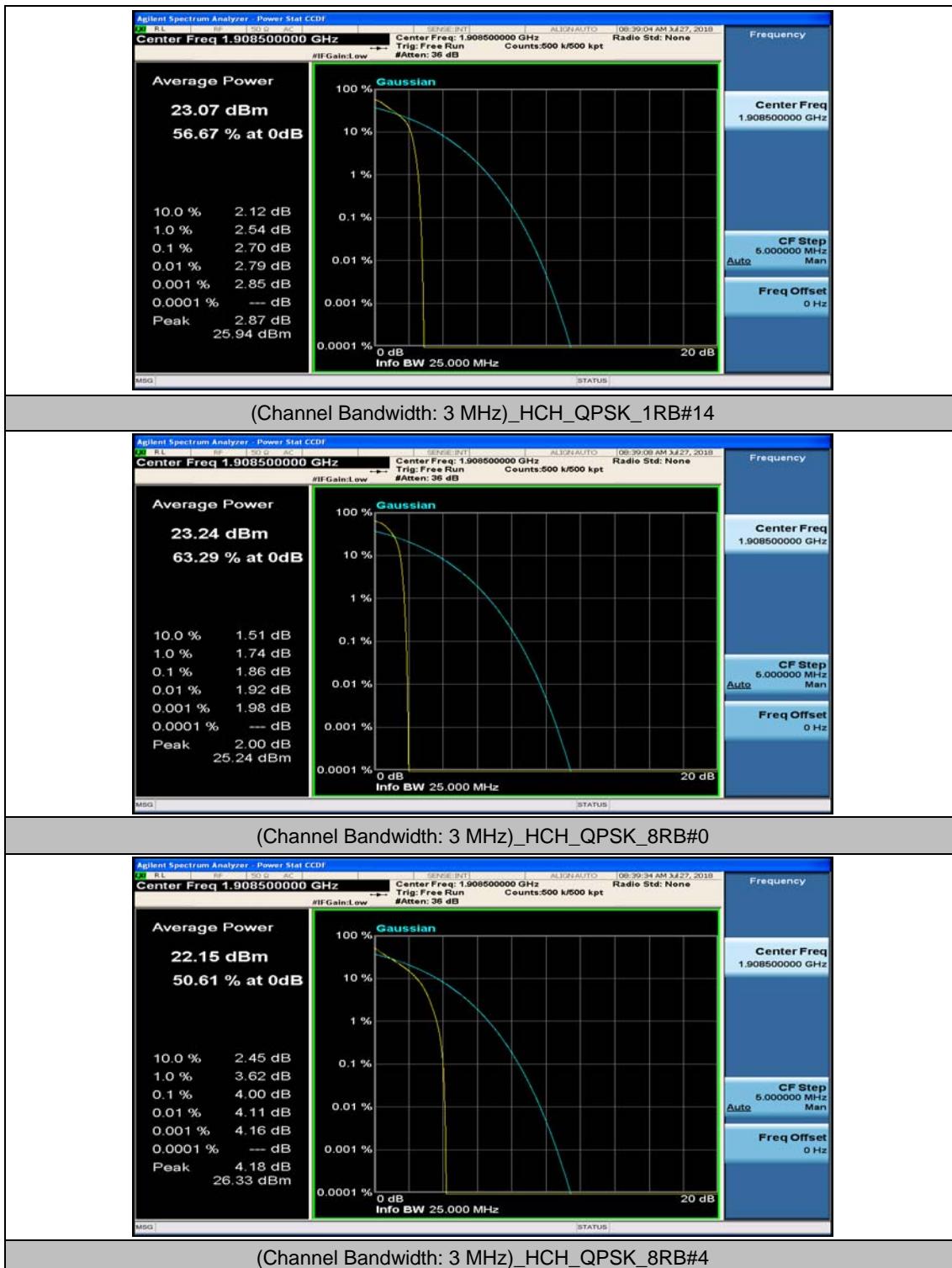


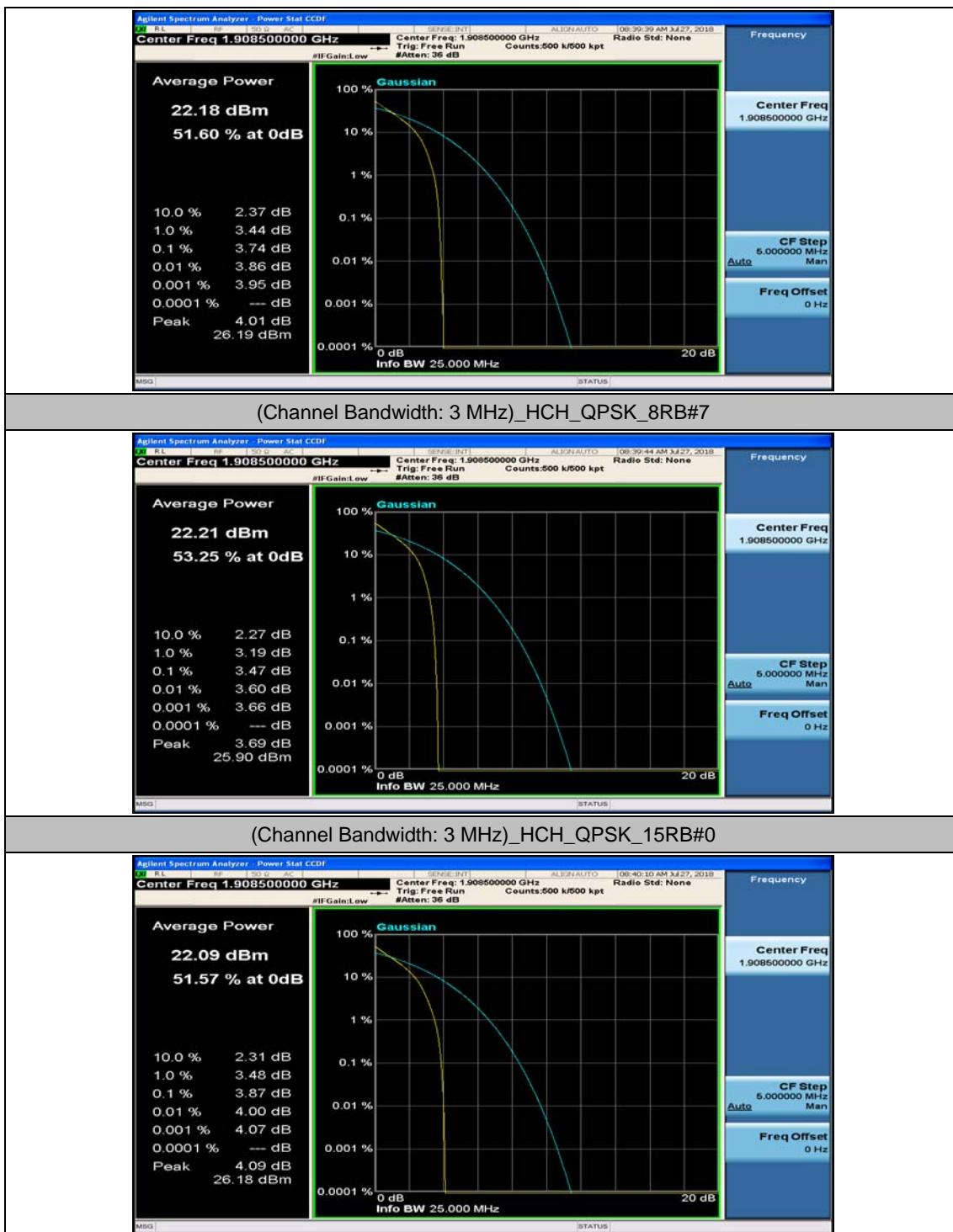


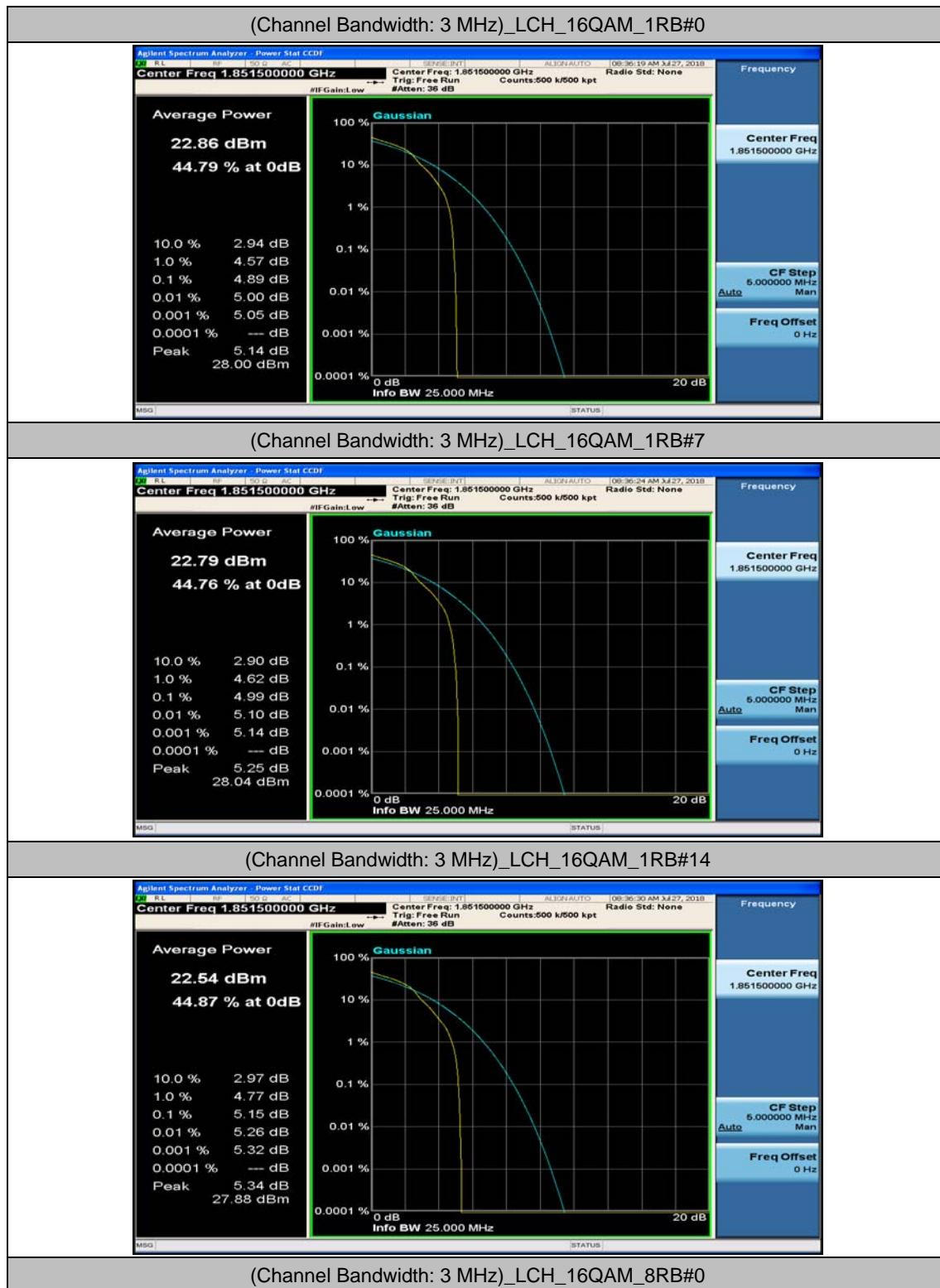


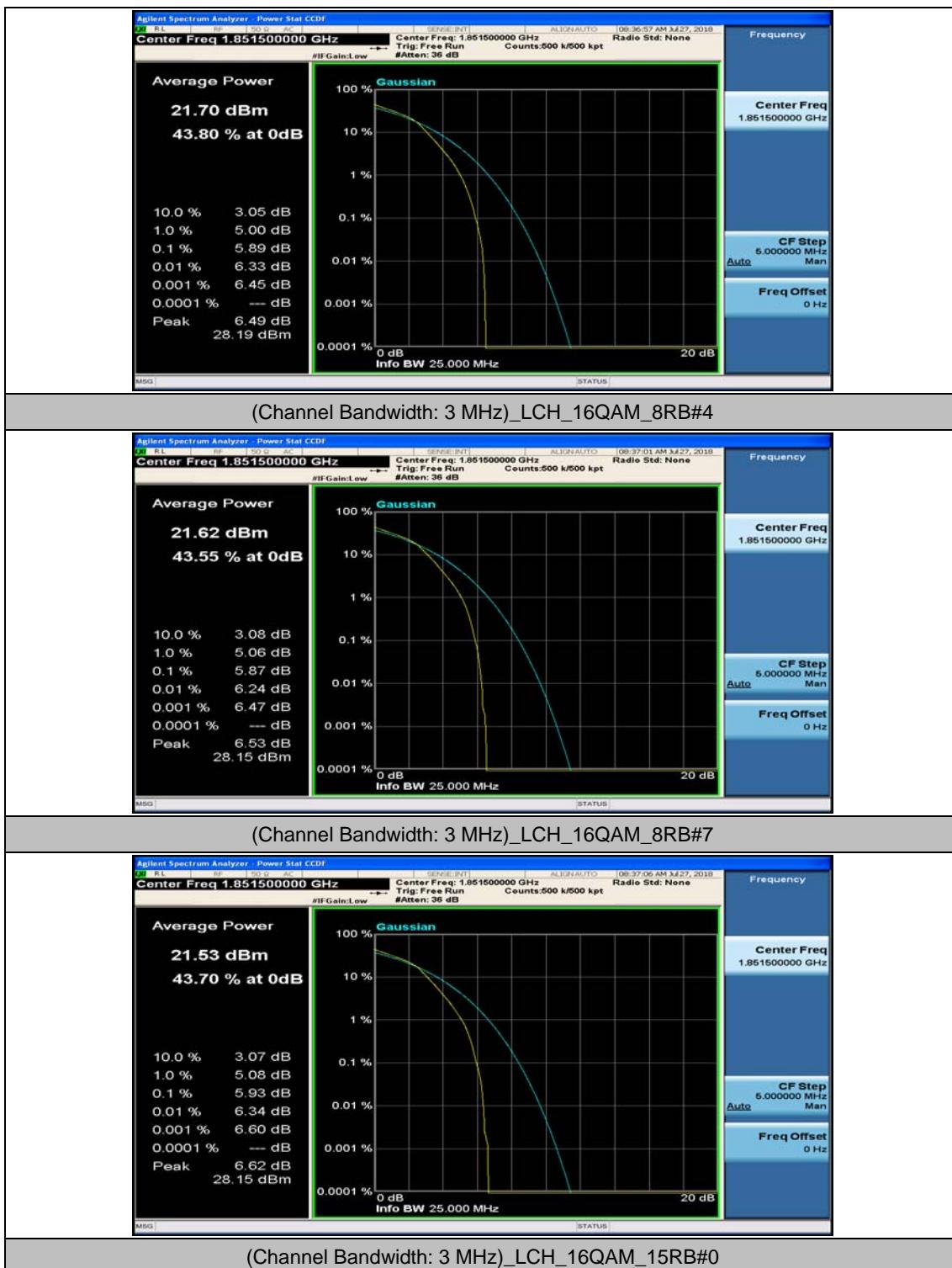


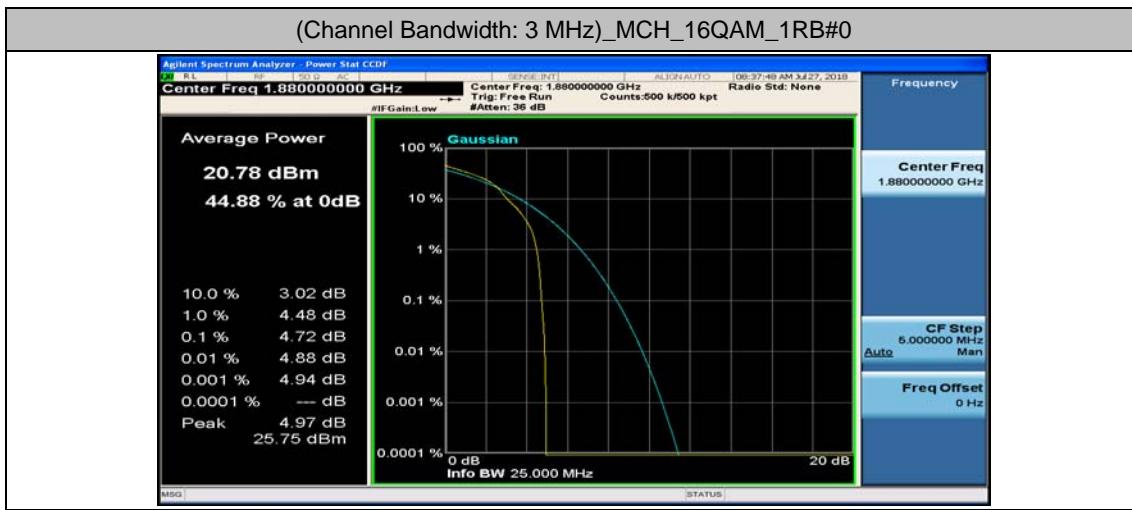
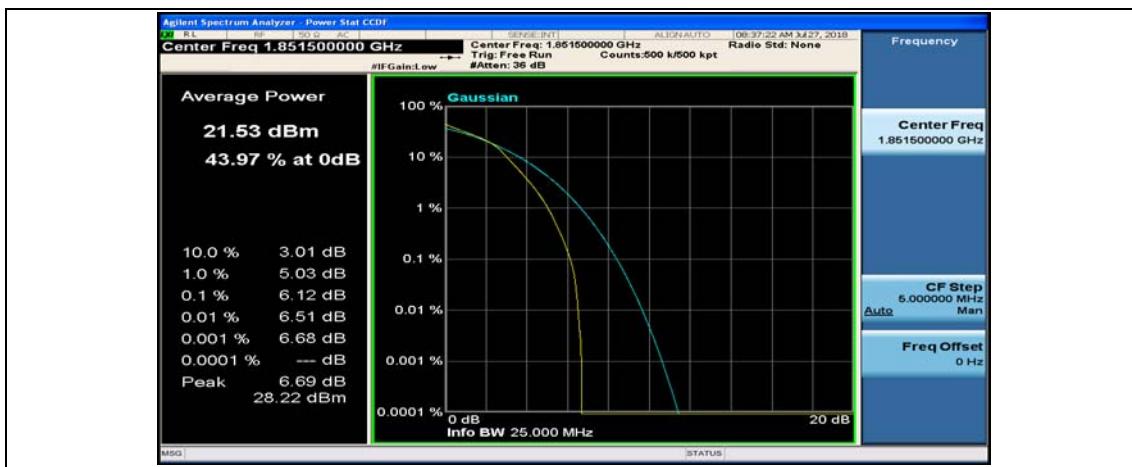




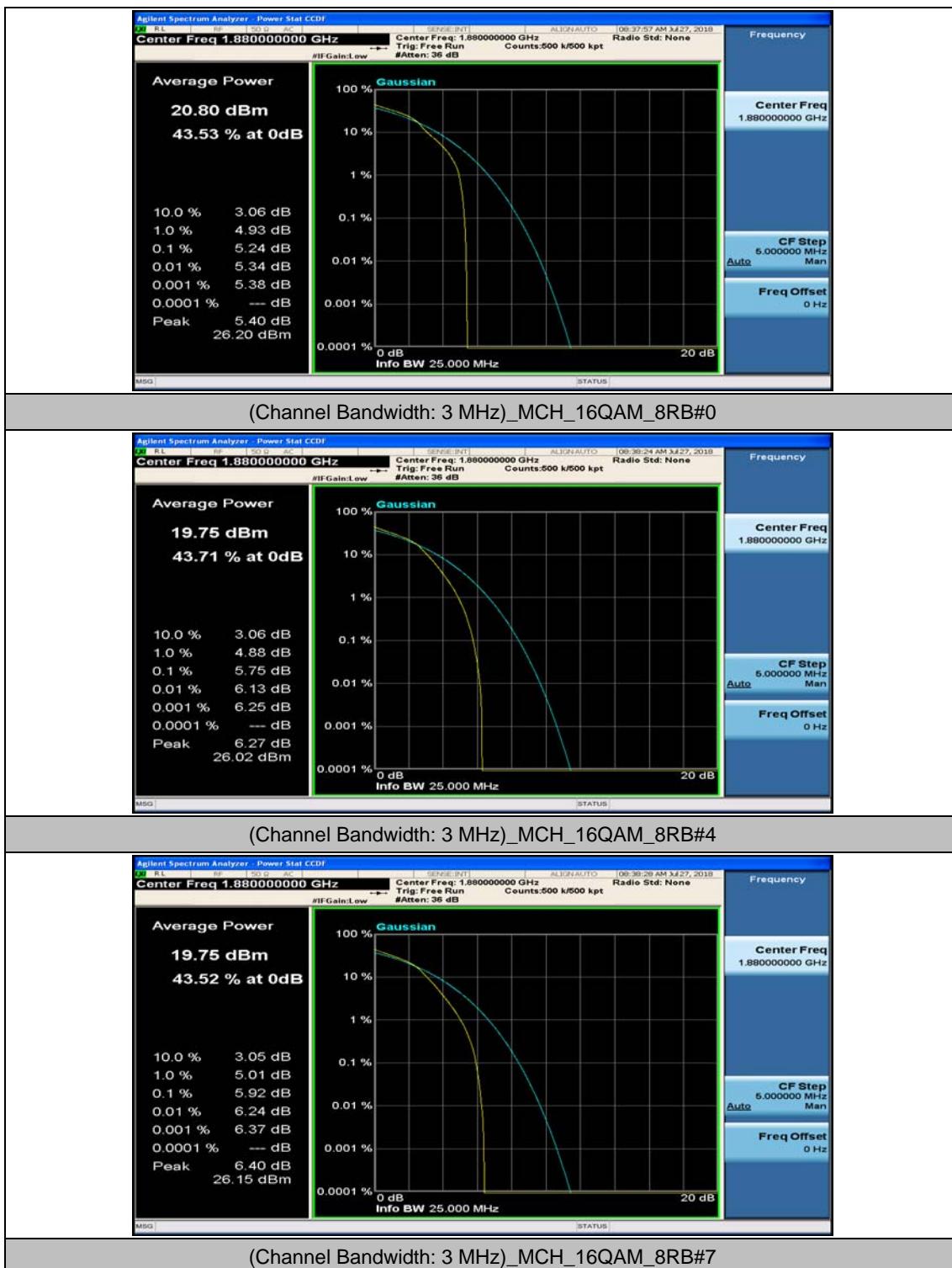


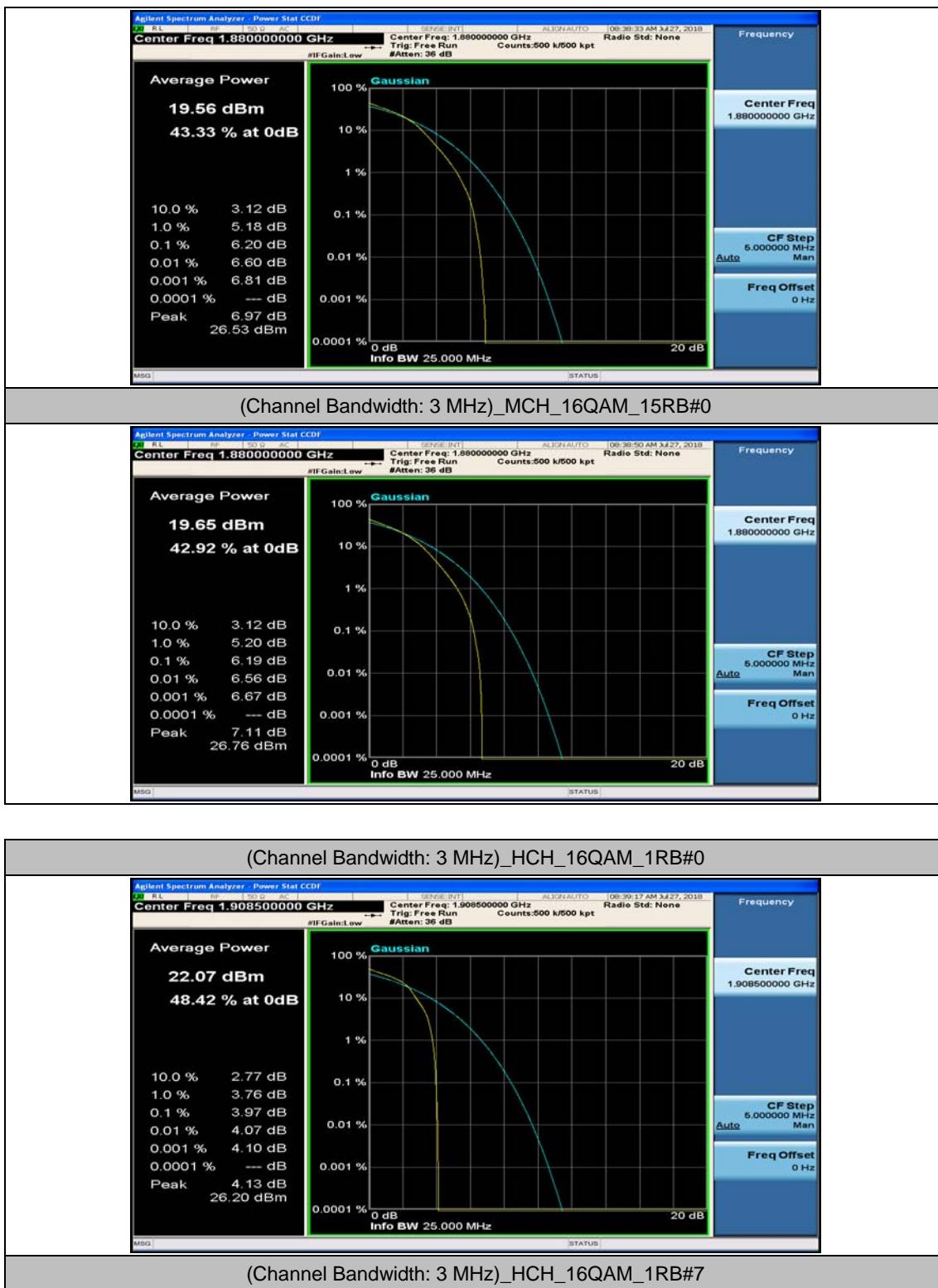


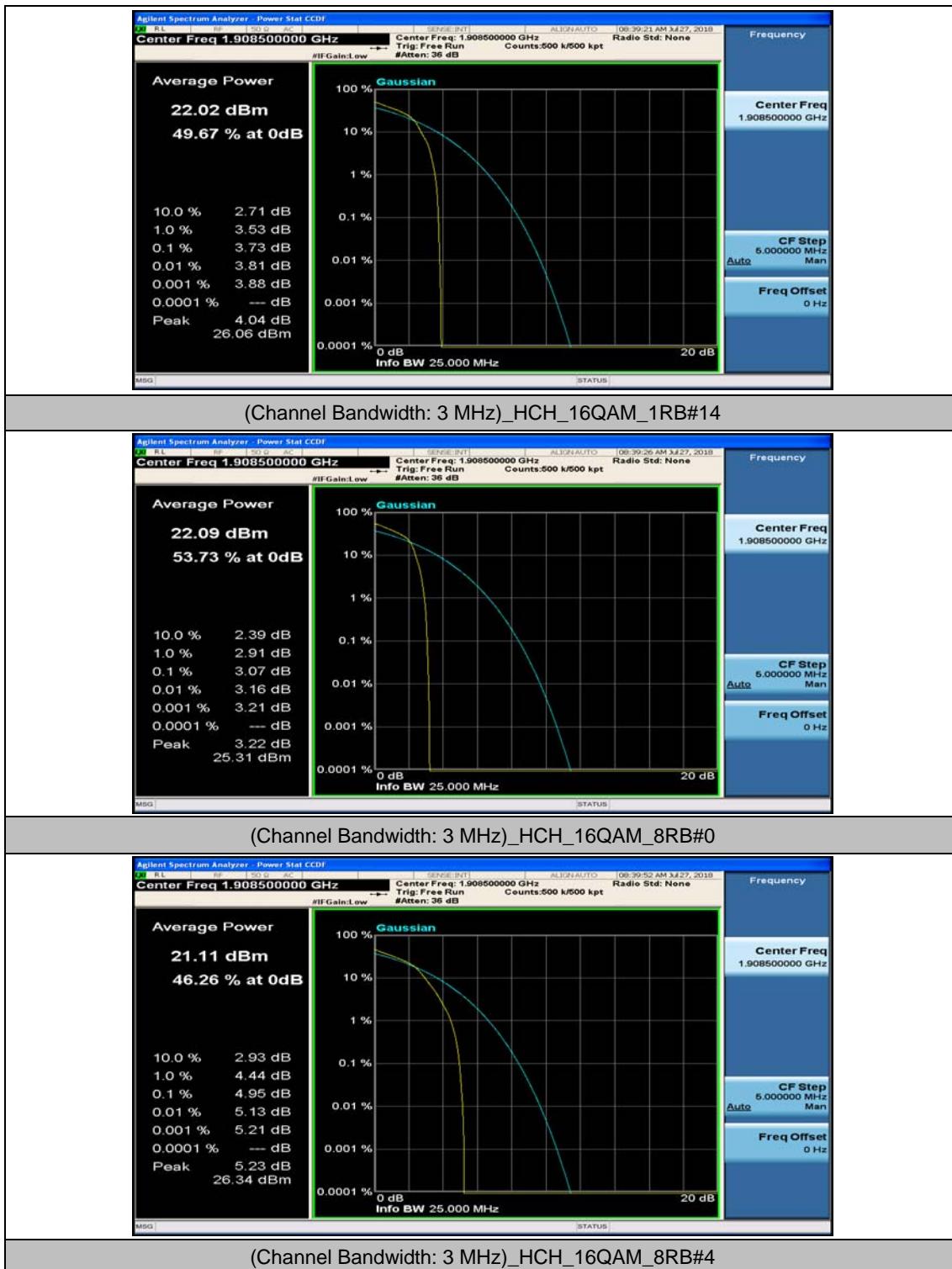


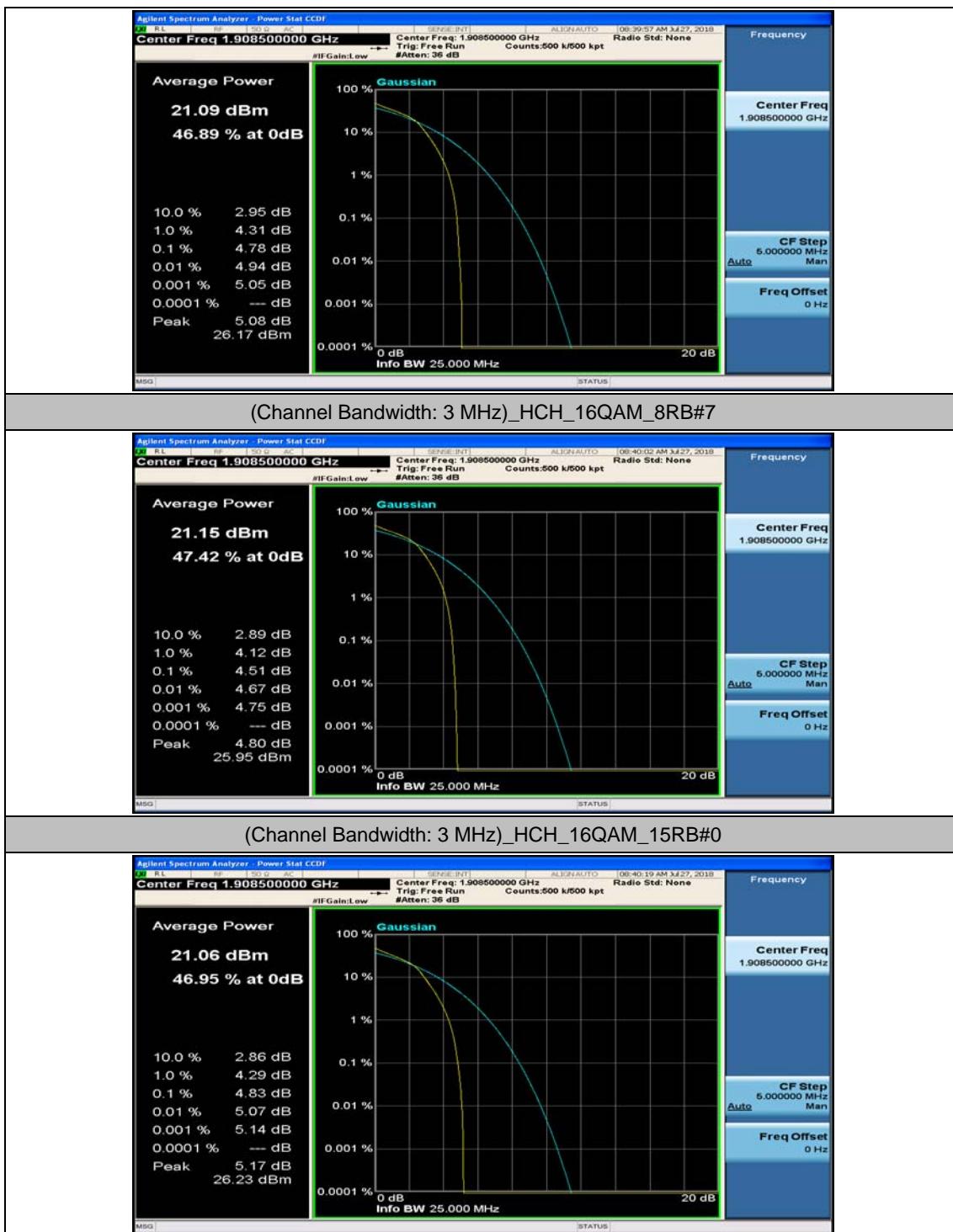


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14

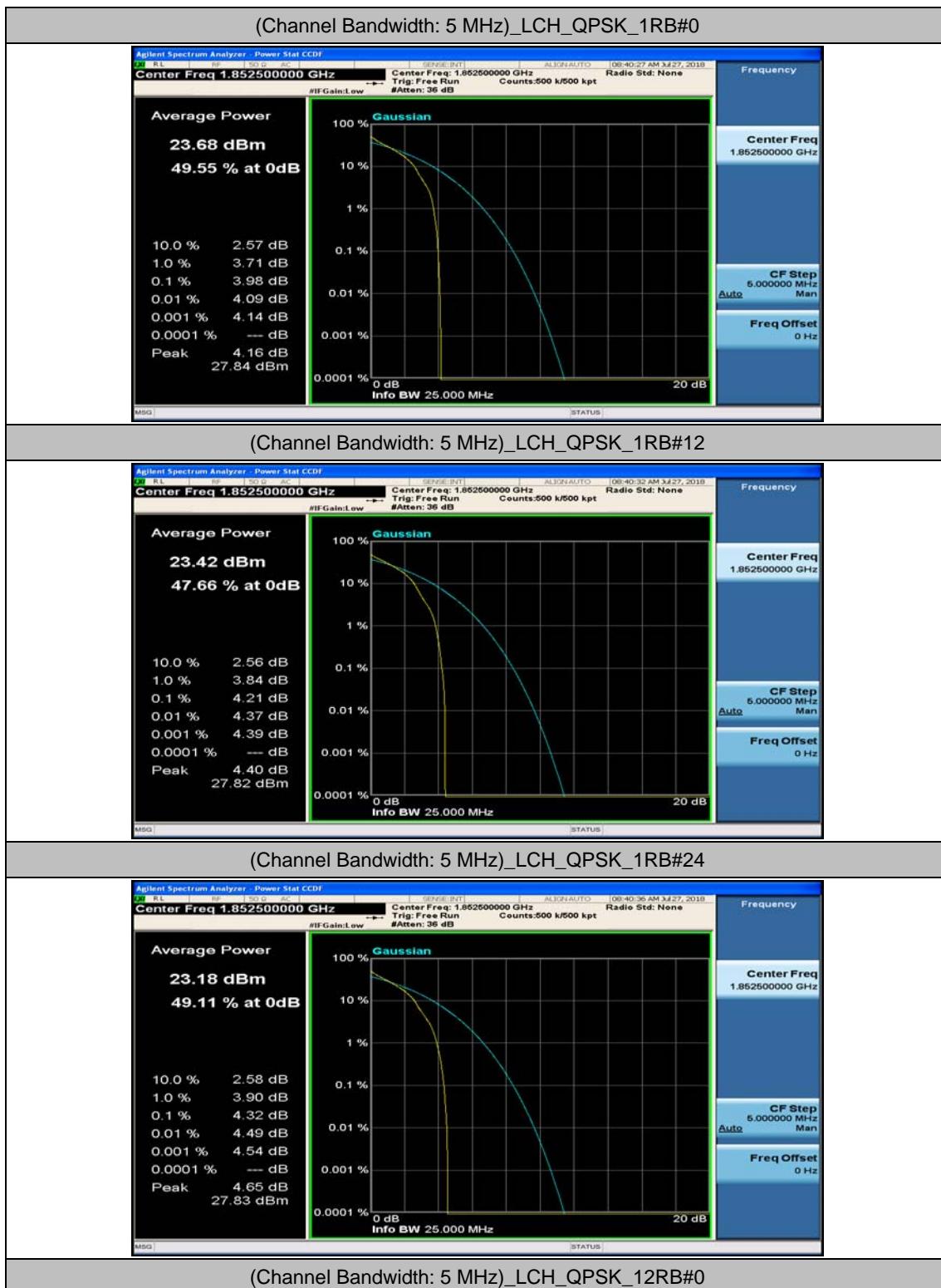


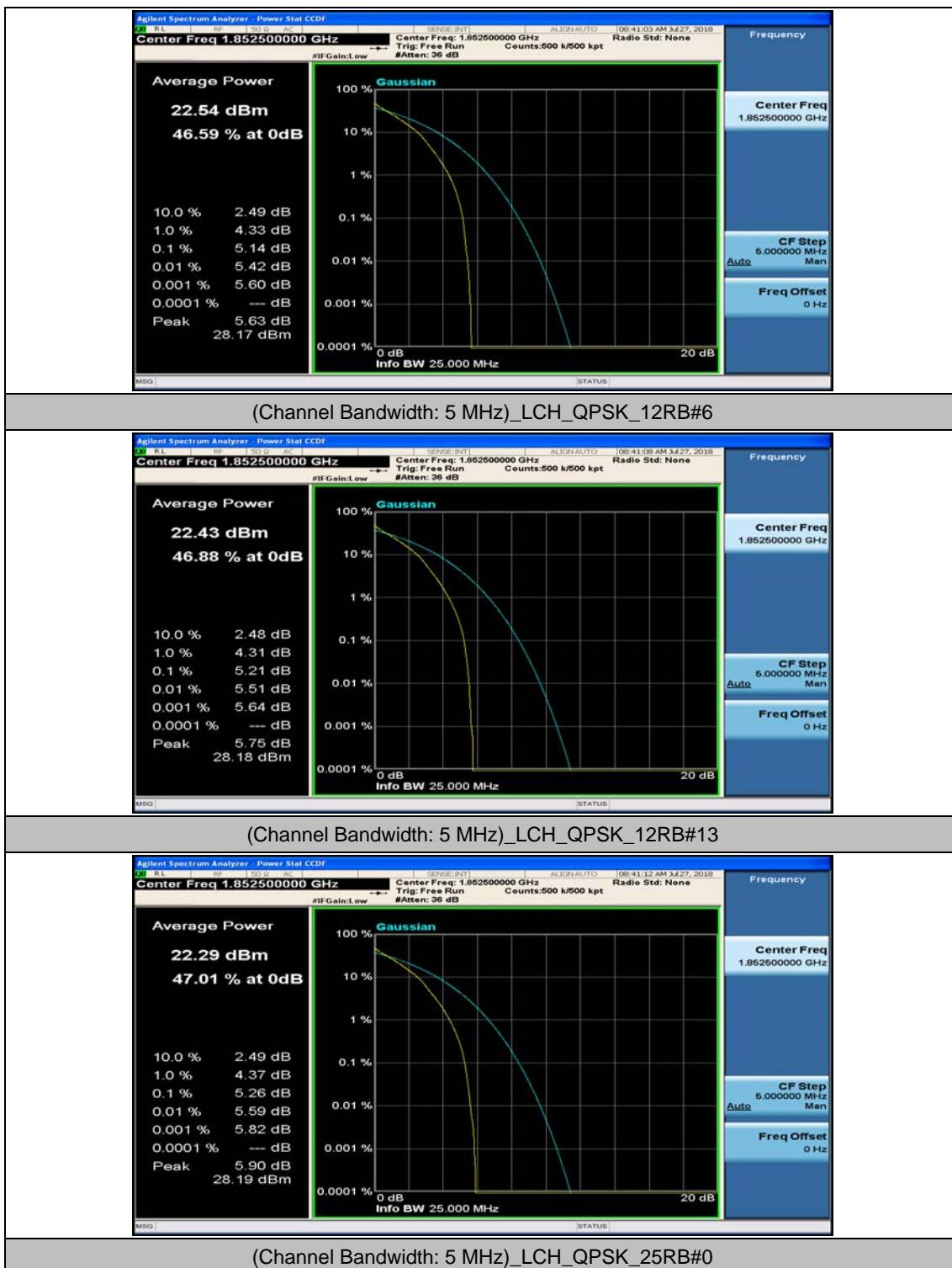


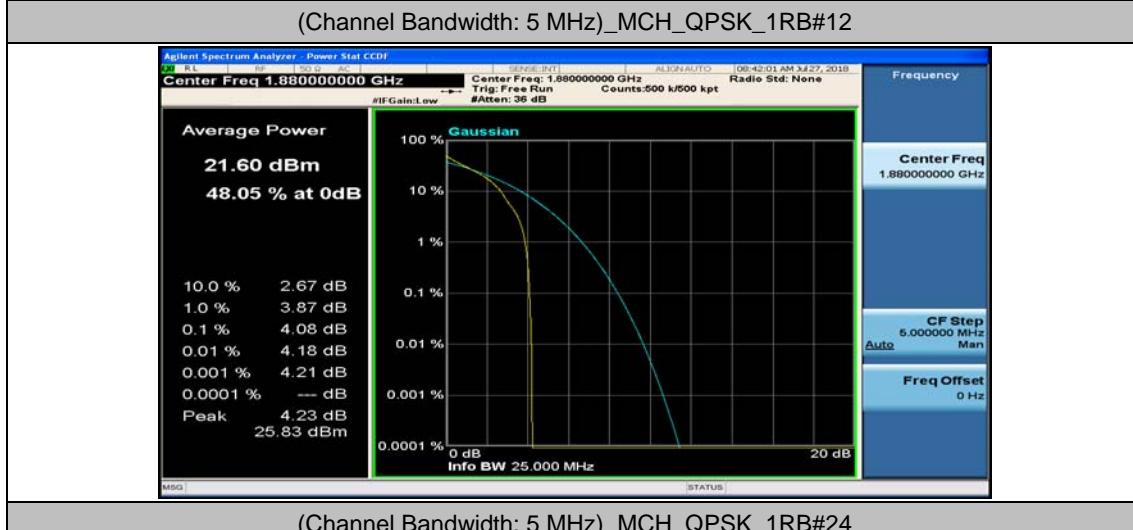
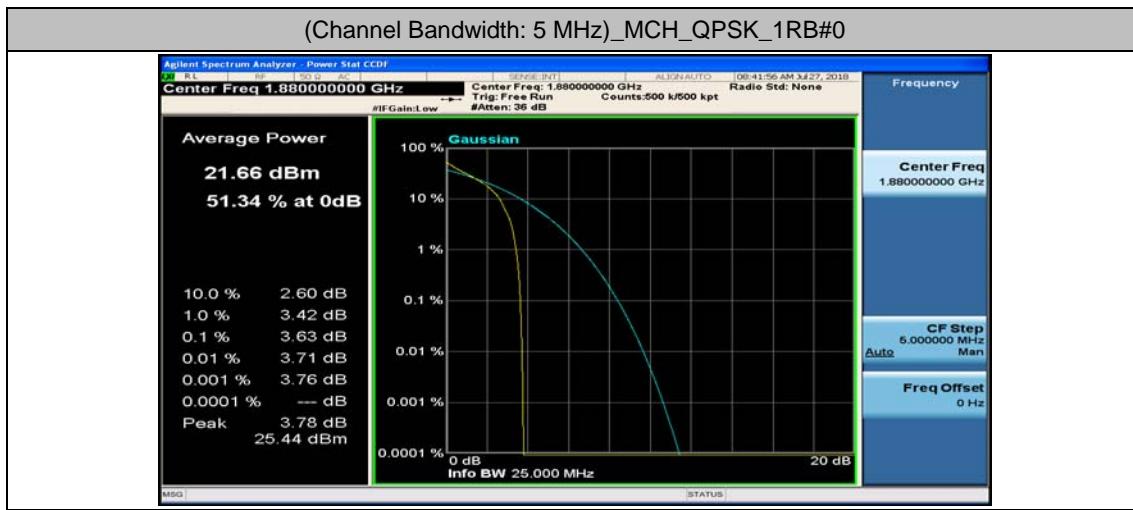
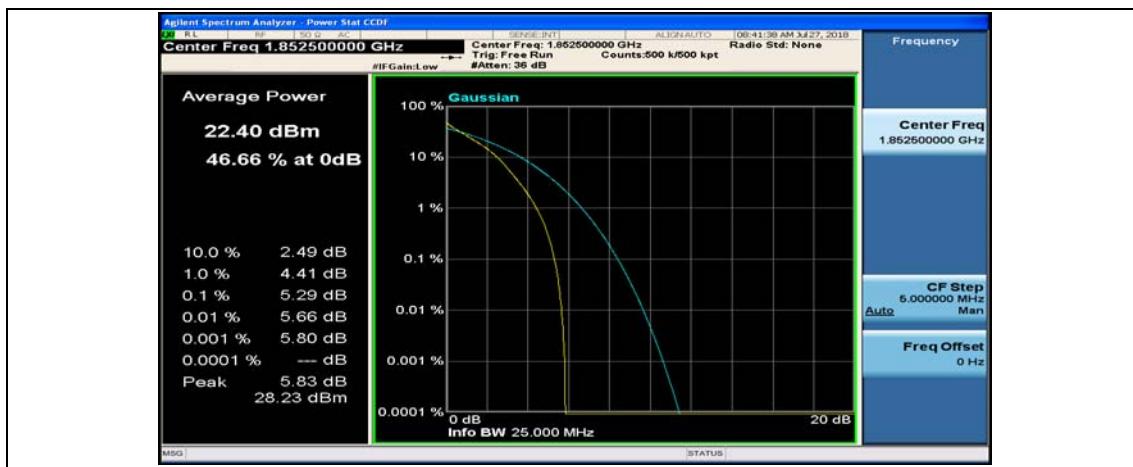




Channel Bandwidth: 5 MHz







(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24

