

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	23.04	PASS
		1	3	23.13	PASS
		1	5	23.09	PASS
		3	0	23.19	PASS
		3	2	23.18	PASS
		3	3	23.22	PASS
		6	0	22.21	PASS
	MCH	1	0	24.04	PASS
		1	3	24.13	PASS
		1	5	24.05	PASS
		3	0	24.24	PASS
		3	2	24.15	PASS
		3	3	24.18	PASS
		6	0	23.25	PASS
16QAM	HCH	1	0	23.86	PASS
		1	3	23.85	PASS
		1	5	23.82	PASS
		3	0	23.83	PASS
		3	2	23.77	PASS
		3	3	23.77	PASS
		6	0	22.91	PASS
	LCH	1	0	22.31	PASS
		1	3	22.47	PASS
		1	5	22.36	PASS
		3	0	22.36	PASS
		3	2	22.32	PASS
		3	3	22.34	PASS
		6	0	22.12	PASS
	MCH	1	0	23.16	PASS
		1	3	23.33	PASS
		1	5	23.26	PASS
		3	0	23.27	PASS

		3	2	23.24	PASS
		3	3	23.27	PASS
		6	0	22.19	PASS
HCH	HCH	1	0	22.98	PASS
		1	3	22.98	PASS
		1	5	22.92	PASS
		3	0	22.68	PASS
		3	2	22.64	PASS
		3	3	22.66	PASS
		6	0	21.73	PASS

Channel Bandwidth: 3 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.14	PASS
		1	7	22.71	PASS
		1	14	23.28	PASS
		8	0	22.33	PASS
		8	4	22.34	PASS
		8	7	22.38	PASS
		15	0	22.35	PASS
	MCH	1	0	24.21	PASS
		1	7	24.34	PASS
		1	14	24.23	PASS
		8	0	23.36	PASS
		8	4	23.34	PASS
		8	7	23.34	PASS
		15	0	23.24	PASS
	HCH	1	0	23.95	PASS
		1	7	23.9	PASS
		1	14	23.78	PASS
		8	0	23.02	PASS
		8	4	22.95	PASS
		8	7	22.91	PASS
		15	0	22.92	PASS
16QAM	LCH	1	0	22.4	PASS
		1	7	22.55	PASS
		1	14	22.52	PASS
		8	0	21.37	PASS
		8	4	21.4	PASS
		8	7	21.42	PASS
		15	0	21.34	PASS

	MCH	1	0	23.47	PASS
		1	7	23.57	PASS
		1	14	23.48	PASS
		8	0	22.28	PASS
		8	4	22.27	PASS
		8	7	22.28	PASS
		15	0	22.24	PASS
	HCH	1	0	22.95	PASS
		1	7	22.95	PASS
		1	14	22.77	PASS
		8	0	21.85	PASS
		8	4	21.81	PASS
		8	7	21.76	PASS
		15	0	21.84	PASS

Channel Bandwidth: 5 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.38	PASS
		1	12	23.34	PASS
		1	24	23.5	PASS
		12	0	22.36	PASS
		12	6	22.33	PASS
		12	13	22.54	PASS
		25	0	22.42	PASS
	MCH	1	0	24.38	PASS
		1	12	24.15	PASS
		1	24	24.32	PASS
		12	0	23.35	PASS
		12	6	23.38	PASS
		12	13	23.36	PASS
		25	0	23.31	PASS
	HCH	1	0	24.03	PASS
		1	12	23.77	PASS
		1	24	23.93	PASS
		12	0	23.05	PASS
		12	6	23.02	PASS
		12	13	22.96	PASS
		25	0	22.95	PASS
16QAM	LCH	1	0	22.59	PASS
		1	12	22.63	PASS
		1	24	22.7	PASS

		12	0	21.49	PASS
		12	6	21.5	PASS
		12	13	21.58	PASS
		25	0	21.42	PASS
MCH	MCH	1	0	23.46	PASS
		1	12	23.52	PASS
		1	24	23.47	PASS
		12	0	22.43	PASS
		12	6	22.47	PASS
		12	13	22.43	PASS
		25	0	22.3	PASS
HCH	HCH	1	0	23.19	PASS
		1	12	23.05	PASS
		1	24	22.93	PASS
		12	0	21.98	PASS
		12	6	21.94	PASS
		12	13	21.9	PASS
		25	0	21.9	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.03	PASS
		1	24	23.5	PASS
		1	49	23.53	PASS
		25	0	22.38	PASS
		25	12	22.58	PASS
		25	25	22.69	PASS
		50	0	22.6	PASS
	MCH	1	0	23.79	PASS
		1	24	24.04	PASS
		1	49	24	PASS
		25	0	23.25	PASS
		25	12	23.29	PASS
		25	25	23.32	PASS
		50	0	23.32	PASS
	HCH	1	0	23.74	PASS
		1	24	23.41	PASS
		1	49	23.39	PASS
		25	0	22.96	PASS
		25	12	22.8	PASS
		25	25	22.91	PASS

		50	0	22.95	PASS
16QAM	LCH	1	0	22.3	PASS
		1	24	22.74	PASS
		1	49	22.84	PASS
		25	0	21.48	PASS
		25	12	21.57	PASS
		25	25	21.64	PASS
		50	0	21.6	PASS
	MCH	1	0	23.28	PASS
		1	24	23.55	PASS
		1	49	23.55	PASS
		25	0	22.33	PASS
		25	12	22.36	PASS
		25	25	22.34	PASS
		50	0	22.38	PASS
	HCH	1	0	23.06	PASS
		1	24	22.73	PASS
		1	49	22.78	PASS
		25	0	21.97	PASS
		25	12	21.94	PASS
		25	25	21.91	PASS
		50	0	21.96	PASS

Channel Bandwidth: 15 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.27	PASS
		1	37	23.71	PASS
		1	74	23.59	PASS
		37	0	22.78	PASS
		37	18	22.56	PASS
		37	38	22.89	PASS
		75	0	22.7	PASS
	MCH	1	0	24.06	PASS
		1	37	23.91	PASS
		1	74	24.31	PASS
		37	0	23.58	PASS
		37	18	23.59	PASS
		37	38	23.21	PASS
		75	0	23.23	PASS
	HCH	1	0	24.3	PASS
		1	37	23.76	PASS

		1	74	23.94	PASS
		37	0	23.44	PASS
		37	18	23.35	PASS
		37	38	23.24	PASS
		75	0	23.34	PASS
16QAM	LCH	1	0	22.58	PASS
		1	37	22.97	PASS
		1	74	22.96	PASS
		37	0	21.25	PASS
		37	18	21.67	PASS
		37	38	21.95	PASS
		75	0	21.53	PASS
	MCH	1	0	23.28	PASS
		1	37	23.5	PASS
		1	74	23.14	PASS
		37	0	22.34	PASS
		37	18	22.3	PASS
		37	38	22.45	PASS
		75	0	22.46	PASS
	HCH	1	0	23.34	PASS
		1	37	23.16	PASS
		1	74	22.95	PASS
		37	0	22.26	PASS
		37	18	22.15	PASS
		37	38	22.07	PASS
		75	0	22.18	PASS

Channel Bandwidth: 20 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	24.56	PASS
		1	49	24	PASS
		1	99	24.19	PASS
		50	0	23.32	PASS
		50	25	23.21	PASS
		50	50	23.11	PASS
		100	0	22.86	PASS
	MCH	1	0	24.55	PASS
		1	49	24.48	PASS
		1	99	24.51	PASS
		50	0	23.35	PASS
		50	25	23.39	PASS

	HCH	50	50	23.39	PASS
		100	0	23.38	PASS
		1	0	24.34	PASS
		1	49	24.21	PASS
		1	99	23.93	PASS
		50	0	23.27	PASS
		50	25	23.11	PASS
		50	50	23.06	PASS
16QAM	LCH	100	0	23.16	PASS
		1	0	22.74	PASS
		1	49	23	PASS
		1	99	23.33	PASS
		50	0	21.67	PASS
		50	25	21.73	PASS
		50	50	21.86	PASS
	MCH	100	0	21.79	PASS
		1	0	23.54	PASS
		1	49	23.21	PASS
		1	99	23.14	PASS
		50	0	22.37	PASS
		50	25	22.42	PASS
		50	50	22.42	PASS
	HCH	100	0	22.36	PASS
		1	0	23.46	PASS
		1	49	23.19	PASS
		1	99	22.98	PASS
		50	0	22.22	PASS
		50	25	22.03	PASS
		50	50	21.98	PASS
		100	0	22.1	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	3.66	<13	PASS
		1	3	3.6	<13	PASS
		1	5	3.59	<13	PASS
		3	0	3.95	<13	PASS
		3	2	4.04	<13	PASS
		3	3	4.04	<13	PASS
		6	0	5.02	<13	PASS
	MCH	1	0	2.97	<13	PASS
		1	3	2.81	<13	PASS
		1	5	2.82	<13	PASS
		3	0	3.18	<13	PASS
		3	2	3.17	<13	PASS
		3	3	3.14	<13	PASS
		6	0	4.18	<13	PASS
16QAM	LCH	1	0	2.14	<13	PASS
		1	3	2.03	<13	PASS
		1	5	1.98	<13	PASS
		3	0	2.44	<13	PASS
		3	2	2.33	<13	PASS
		3	3	2.3	<13	PASS
		6	0	3.36	<13	PASS
	MCH	1	0	4.51	<13	PASS
		1	3	4.63	<13	PASS
		1	5	4.8	<13	PASS
		3	0	4.92	<13	PASS
		3	2	4.98	<13	PASS
		3	3	4.96	<13	PASS
		6	0	5.95	<13	PASS

		3	2	4.03	<13	PASS
		3	3	4.02	<13	PASS
		6	0	5.06	<13	PASS
HCH		1	0	3.29	<13	PASS
		1	3	3.14	<13	PASS
		1	5	3.2	<13	PASS
		3	0	3.41	<13	PASS
		3	2	3.48	<13	PASS
		3	3	3.47	<13	PASS
		6	0	4.45	<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	3.69	<13	PASS
		1	7	3.68	<13	PASS
		1	14	3.68	<13	PASS
		8	0	5.02	<13	PASS
		8	4	5.02	<13	PASS
		8	7	5.03	<13	PASS
		15	0	5.14	<13	PASS
	MCH	1	0	2.79	<13	PASS
		1	7	2.79	<13	PASS
		1	14	2.77	<13	PASS
		8	0	4.18	<13	PASS
		8	4	4.17	<13	PASS
		8	7	4.2	<13	PASS
		15	0	4.29	<13	PASS
	HCH	1	0	2.17	<13	PASS
		1	7	2.25	<13	PASS
		1	14	1.97	<13	PASS
		8	0	3.42	<13	PASS
		8	4	3.48	<13	PASS
		8	7	3.43	<13	PASS
		15	0	3.55	<13	PASS
16QAM	LCH	1	0	4.49	<13	PASS
		1	7	4.65	<13	PASS
		1	14	4.62	<13	PASS
		8	0	5.77	<13	PASS
		8	4	5.93	<13	PASS

		8	7	5.86	<13	PASS
		15	0	6.05	<13	PASS
MCH		1	0	3.9	<13	PASS
		1	7	3.96	<13	PASS
		1	14	3.91	<13	PASS
		8	0	5.09	<13	PASS
		8	4	5.08	<13	PASS
		8	7	5.12	<13	PASS
		15	0	5.24	<13	PASS
HCH		1	0	3.21	<13	PASS
		1	7	3.26	<13	PASS
		1	14	3.19	<13	PASS
		8	0	4.43	<13	PASS
		8	4	4.48	<13	PASS
		8	7	4.45	<13	PASS
		15	0	4.52	<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	3.68	<13	PASS
		1	12	3.76	<13	PASS
		1	24	3.52	<13	PASS
		12	0	5.08	<13	PASS
		12	6	5.04	<13	PASS
		12	13	4.97	<13	PASS
		25	0	5.12	<13	PASS
	MCH	1	0	2.72	<13	PASS
		1	12	2.83	<13	PASS
		1	24	2.91	<13	PASS
		12	0	4.12	<13	PASS
		12	6	4.19	<13	PASS
		12	13	4.22	<13	PASS
		25	0	4.3	<13	PASS
	HCH	1	0	1.97	<13	PASS
		1	12	2.15	<13	PASS
		1	24	1.98	<13	PASS
		12	0	3.34	<13	PASS
		12	6	3.44	<13	PASS
		12	13	3.55	<13	PASS

		25	0	3.56	<13	PASS
16QAM	LCH	1	0	4.49	<13	PASS
		1	12	4.56	<13	PASS
		1	24	4.43	<13	PASS
		12	0	5.94	<13	PASS
		12	6	5.98	<13	PASS
		12	13	5.85	<13	PASS
		25	0	5.93	<13	PASS
	MCH	1	0	3.8	<13	PASS
		1	12	3.89	<13	PASS
		1	24	3.97	<13	PASS
		12	0	5.02	<13	PASS
		12	6	5.13	<13	PASS
		12	13	5.16	<13	PASS
		25	0	5.22	<13	PASS
	HCH	1	0	2.93	<13	PASS
		1	12	3.07	<13	PASS
		1	24	3.05	<13	PASS
		12	0	4.26	<13	PASS
		12	6	4.39	<13	PASS
		12	13	4.56	<13	PASS
		25	0	4.54	<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	3.6	<13	PASS
		1	24	3.34	<13	PASS
		1	49	2.58	<13	PASS
		25	0	5.06	<13	PASS
		25	12	4.82	<13	PASS
		25	25	4.34	<13	PASS
		50	0	4.81	<13	PASS
	MCH	1	0	2.54	<13	PASS
		1	24	2.75	<13	PASS
		1	49	2.91	<13	PASS
		25	0	4.13	<13	PASS
		25	12	4.24	<13	PASS
		25	25	4.38	<13	PASS
		50	0	4.34	<13	PASS

		1	0	1.96	<13	PASS
	HCH	1	24	2.23	<13	PASS
		1	49	2.38	<13	PASS
		25	0	3.24	<13	PASS
		25	12	3.3	<13	PASS
		25	25	3.53	<13	PASS
		50	0	3.55	<13	PASS
		1	0	4.55	<13	PASS
	LCH	1	24	4.36	<13	PASS
		1	49	3.73	<13	PASS
		25	0	5.89	<13	PASS
		25	12	5.75	<13	PASS
		25	25	5.28	<13	PASS
		50	0	5.67	<13	PASS
		1	0	3.56	<13	PASS
	MCH	1	24	3.9	<13	PASS
		1	49	4.07	<13	PASS
		25	0	5.09	<13	PASS
		25	12	5.23	<13	PASS
		25	25	5.34	<13	PASS
		50	0	5.27	<13	PASS
		1	0	2.98	<13	PASS
	HCH	1	24	3.11	<13	PASS
		1	49	3.23	<13	PASS
		25	0	4.27	<13	PASS
		25	12	4.32	<13	PASS
		25	25	4.56	<13	PASS
		50	0	4.51	<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	3.65	<13	PASS
		1	37	2.87	<13	PASS
		1	74	1.86	<13	PASS
		37	0	4.84	<13	PASS
		37	18	4.24	<13	PASS
		37	38	3.46	<13	PASS
		75	0	4.63	<13	PASS
	MCH	1	0	2.21	<13	PASS

	16QAM	HCH	1	37	2.79	<13	PASS
			1	74	2.81	<13	PASS
			37	0	3.84	<13	PASS
			37	18	4.07	<13	PASS
			37	38	4.28	<13	PASS
			75	0	4.47	<13	PASS
		LCH	1	0	2.11	<13	PASS
			1	37	2.11	<13	PASS
			1	74	2.24	<13	PASS
			37	0	3.08	<13	PASS
			37	18	3.07	<13	PASS
			37	38	3.29	<13	PASS
			75	0	3.84	<13	PASS
		MCH	1	0	4.44	<13	PASS
			1	37	3.86	<13	PASS
			1	74	2.95	<13	PASS
			37	0	5.78	<13	PASS
			37	18	5.25	<13	PASS
			37	38	4.56	<13	PASS
			75	0	5.48	<13	PASS
		HCH	1	0	3.28	<13	PASS
			1	37	3.88	<13	PASS
			1	74	3.9	<13	PASS
			37	0	4.87	<13	PASS
			37	18	5.13	<13	PASS
			37	38	5.31	<13	PASS
			75	0	5.37	<13	PASS

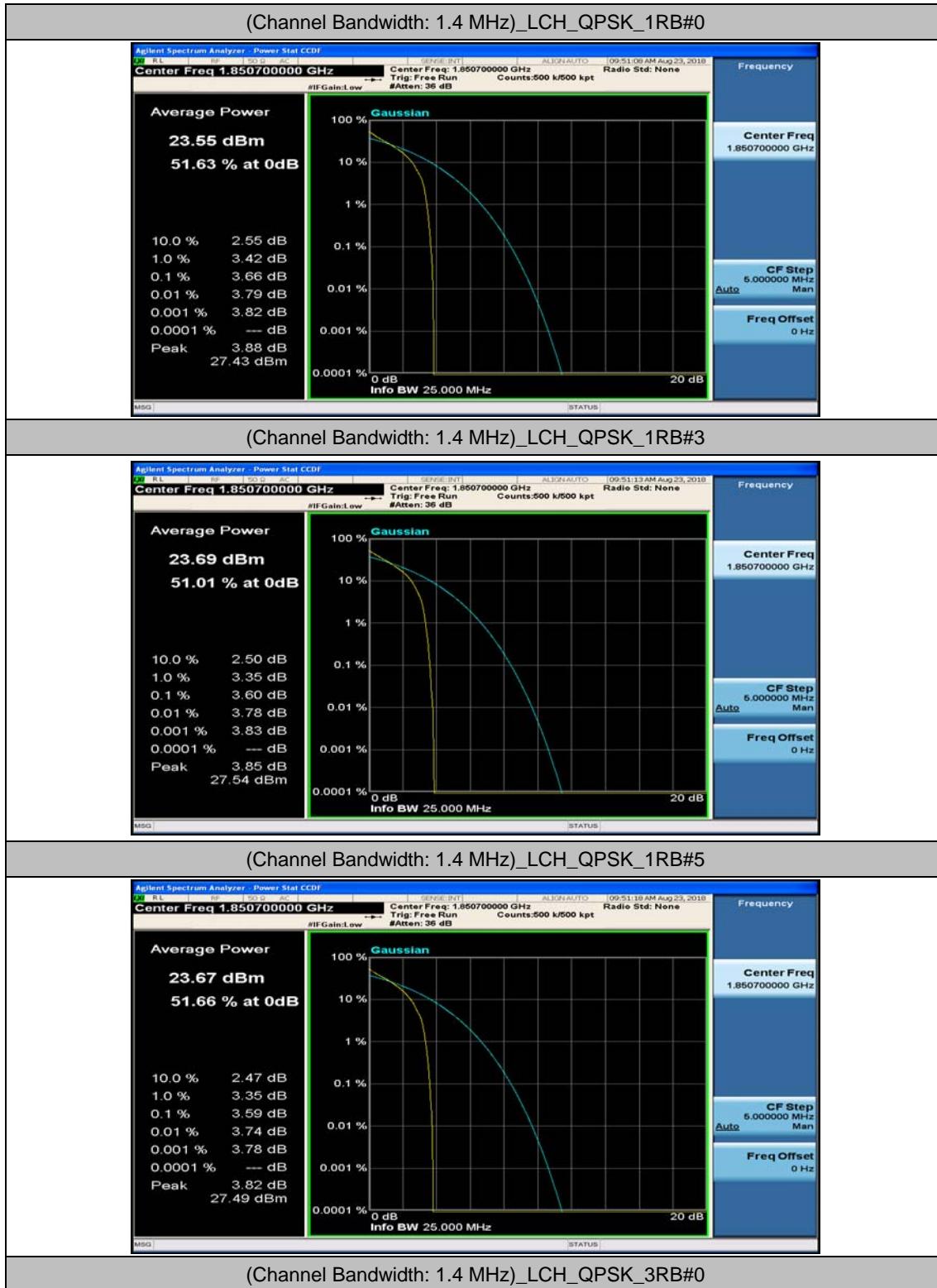
Channel Bandwidth: 20 MHz

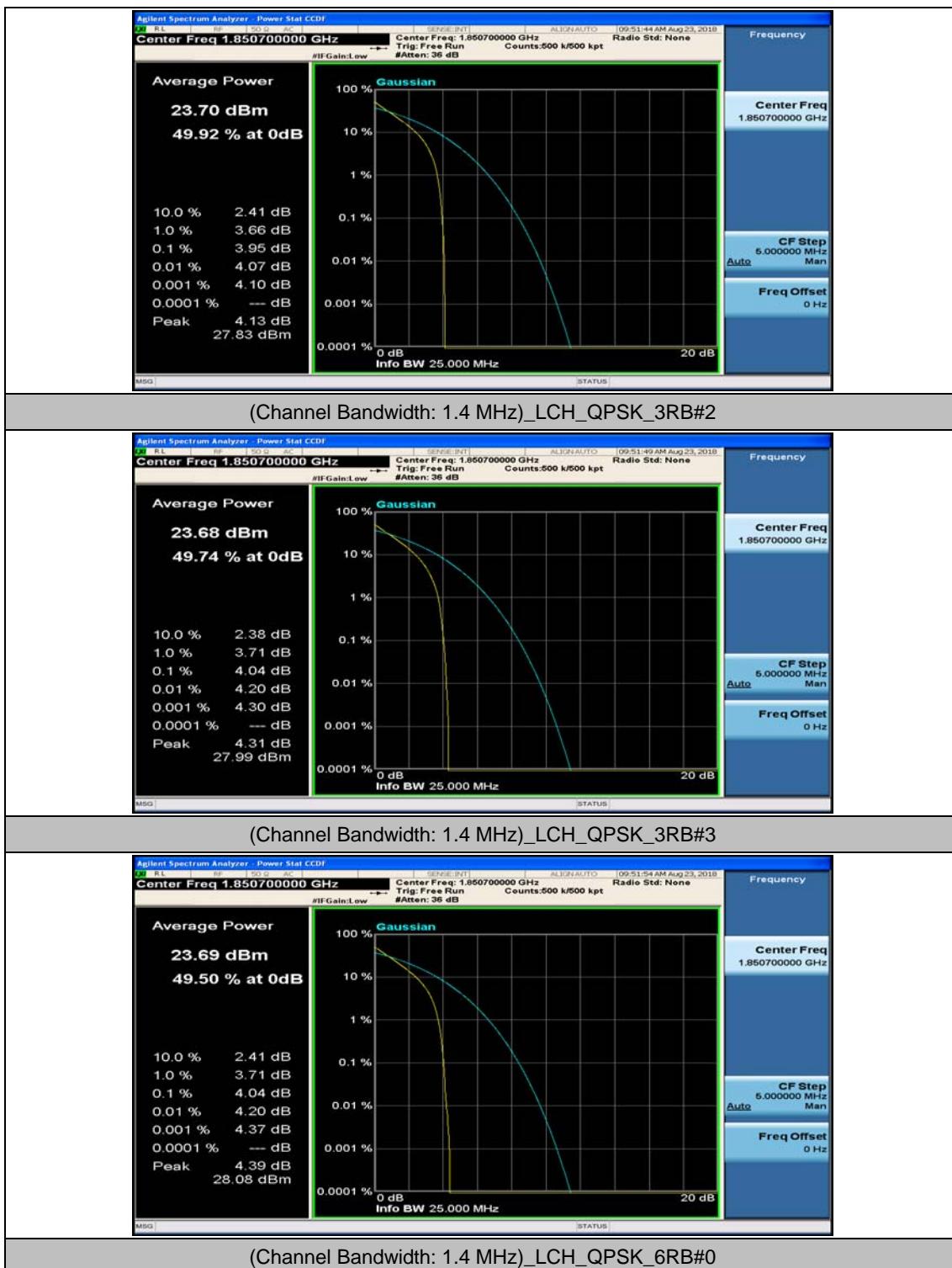
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.57	<13	PASS
		1	49	2.39	<13	PASS

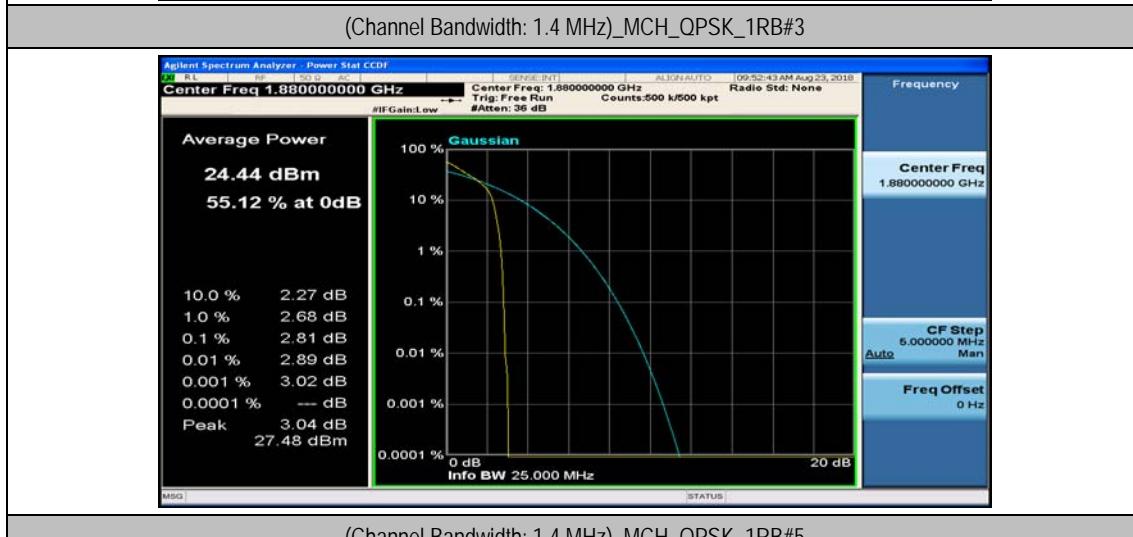
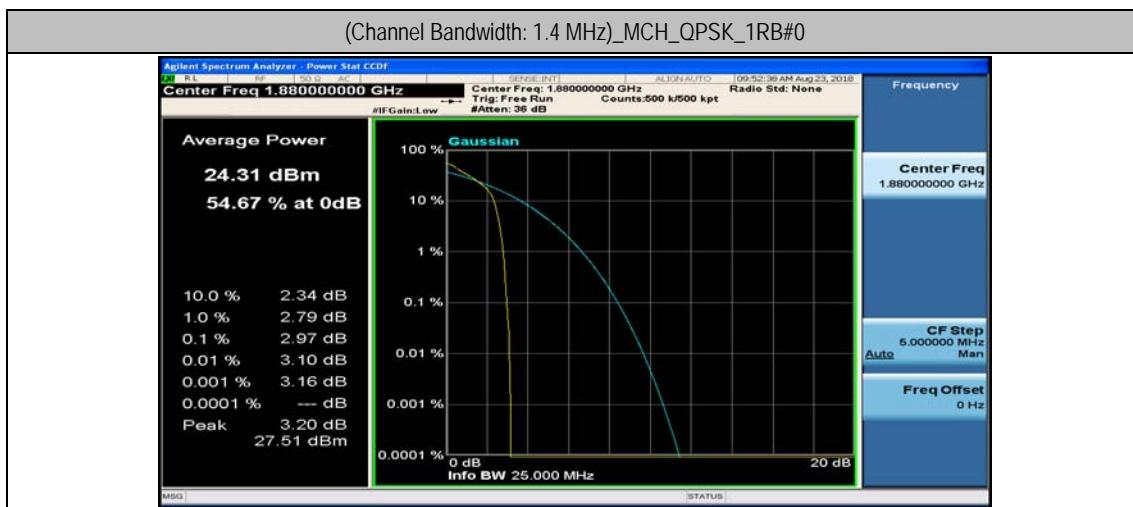
		1	99	2.05	<13	PASS
		50	0	4.73	<13	PASS
		50	25	3.9	<13	PASS
		50	50	3.47	<13	PASS
		100	0	4.61	<13	PASS
	MCH	1	0	1.91	<13	PASS
		1	49	2.88	<13	PASS
		1	99	2.73	<13	PASS
		50	0	4.01	<13	PASS
		50	25	4.32	<13	PASS
		50	50	4.51	<13	PASS
		100	0	4.65	<13	PASS
	HCH	1	0	2.58	<13	PASS
		1	49	2.04	<13	PASS
		1	99	2.35	<13	PASS
		50	0	3.8	<13	PASS
		50	25	3.4	<13	PASS
		50	50	3.61	<13	PASS
		100	0	4.36	<13	PASS
16QAM	LCH	1	0	4.41	<13	PASS
		1	49	3.43	<13	PASS
		1	99	2.91	<13	PASS
		50	0	5.62	<13	PASS
		50	25	4.84	<13	PASS
		50	50	4.46	<13	PASS
		100	0	5.41	<13	PASS
	MCH	1	0	2.96	<13	PASS
		1	49	3.81	<13	PASS
		1	99	3.7	<13	PASS
		50	0	4.93	<13	PASS
		50	25	5.23	<13	PASS
		50	50	5.4	<13	PASS
		100	0	5.5	<13	PASS
	HCH	1	0	3.55	<13	PASS
		1	49	2.96	<13	PASS
		1	99	3.2	<13	PASS
		50	0	4.78	<13	PASS
		50	25	4.37	<13	PASS
		50	50	4.56	<13	PASS
		100	0	5.15	<13	PASS

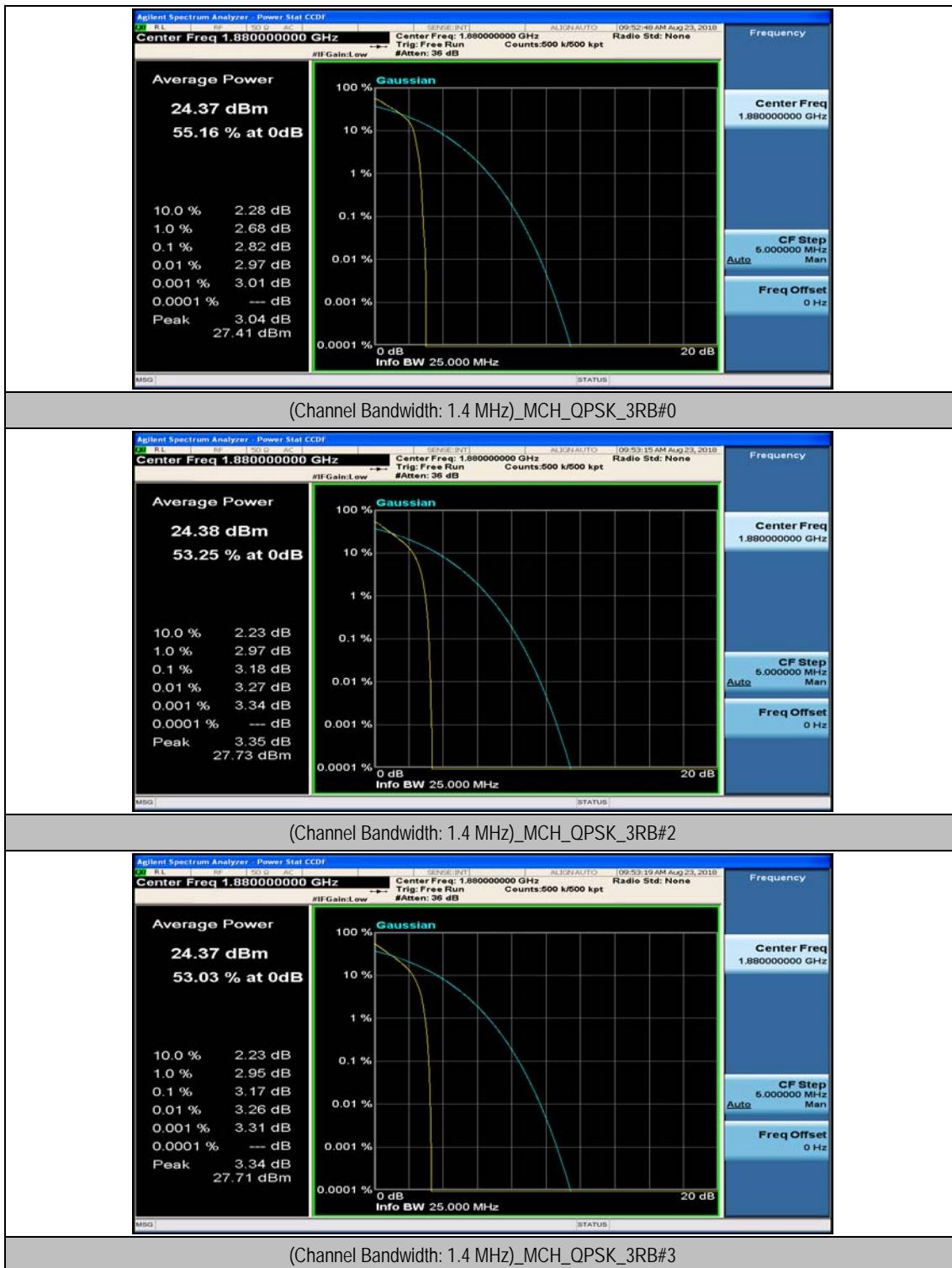
Test Graphs

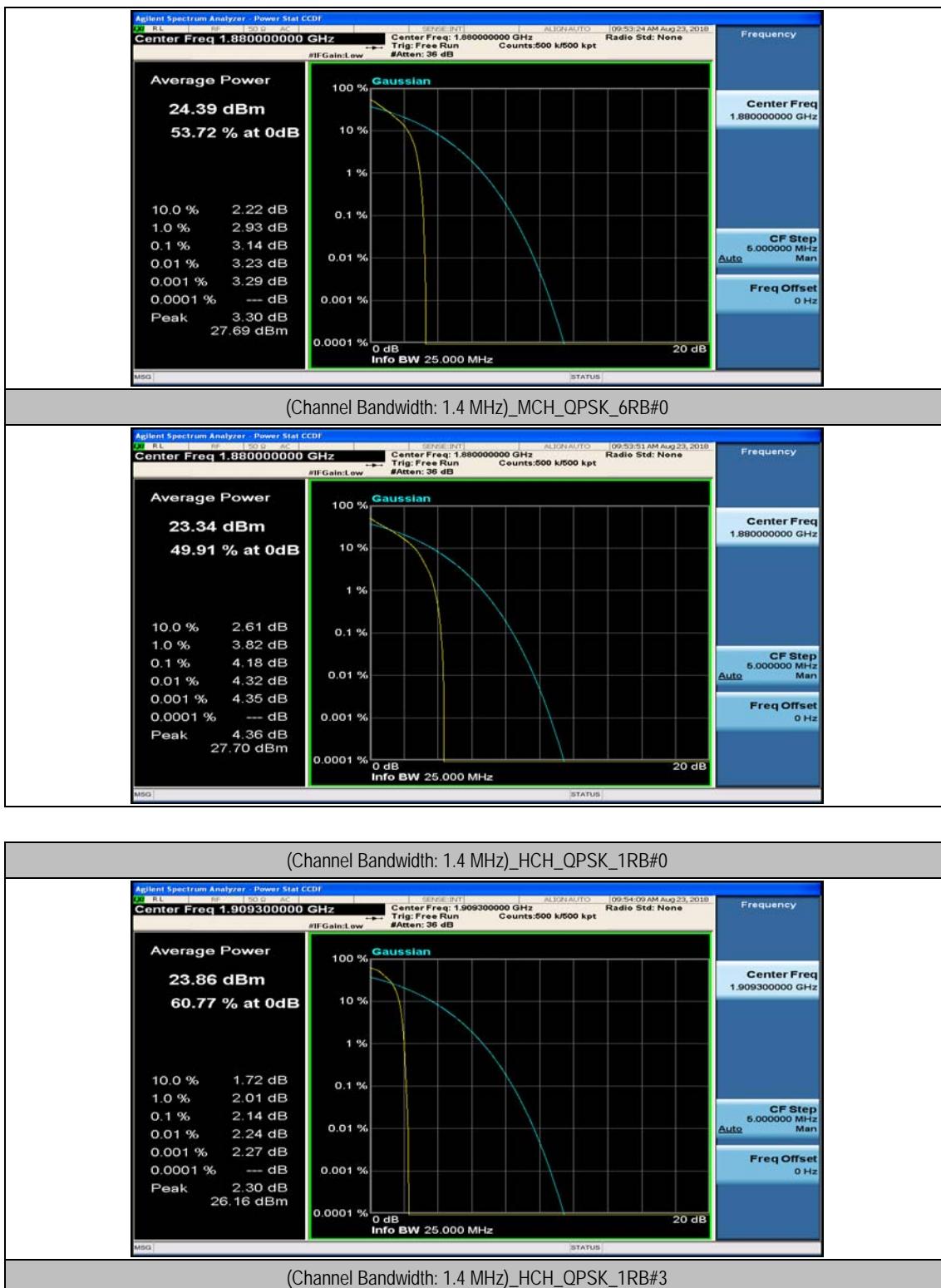
Channel Bandwidth: 1.4 MHz

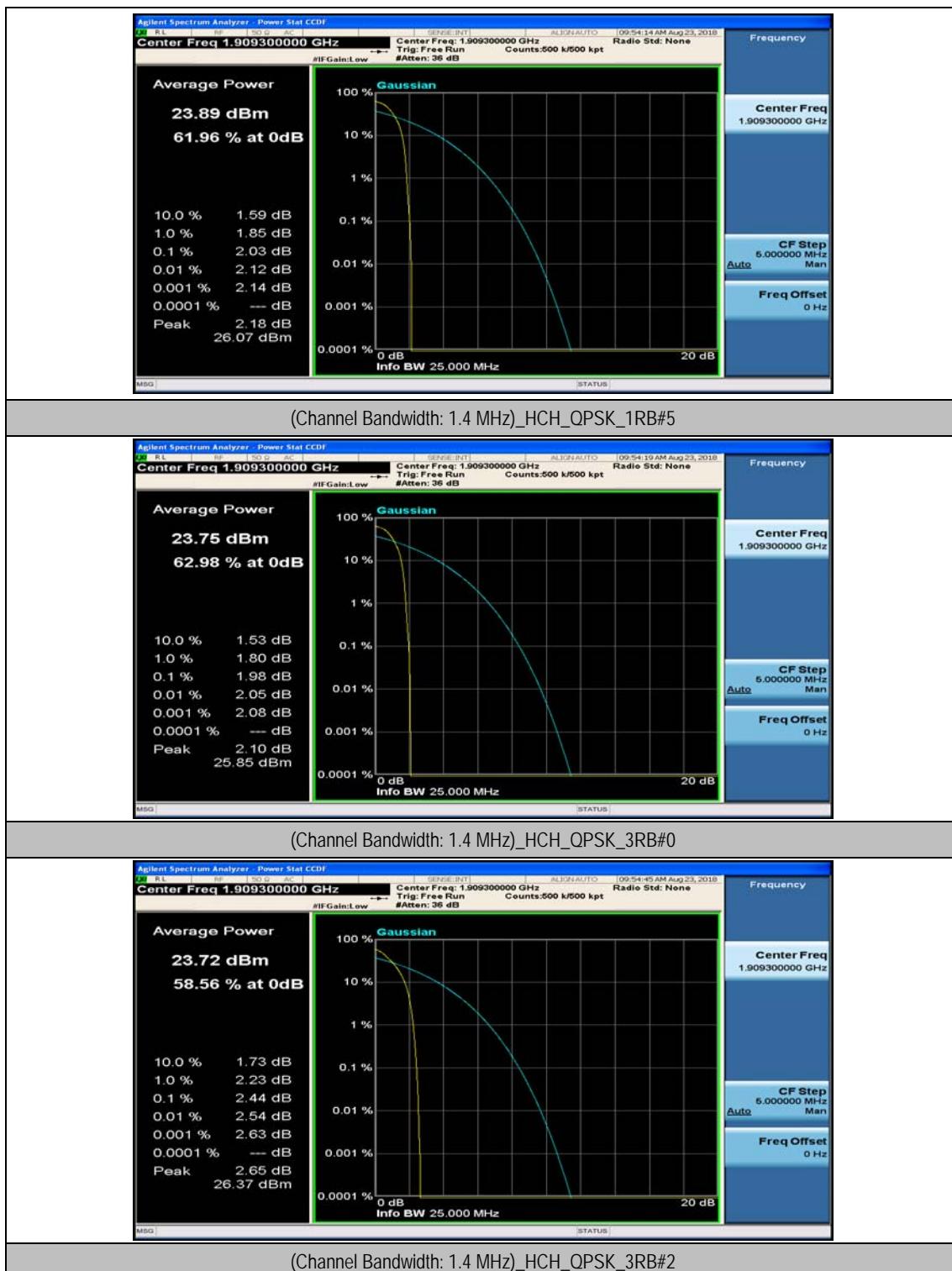


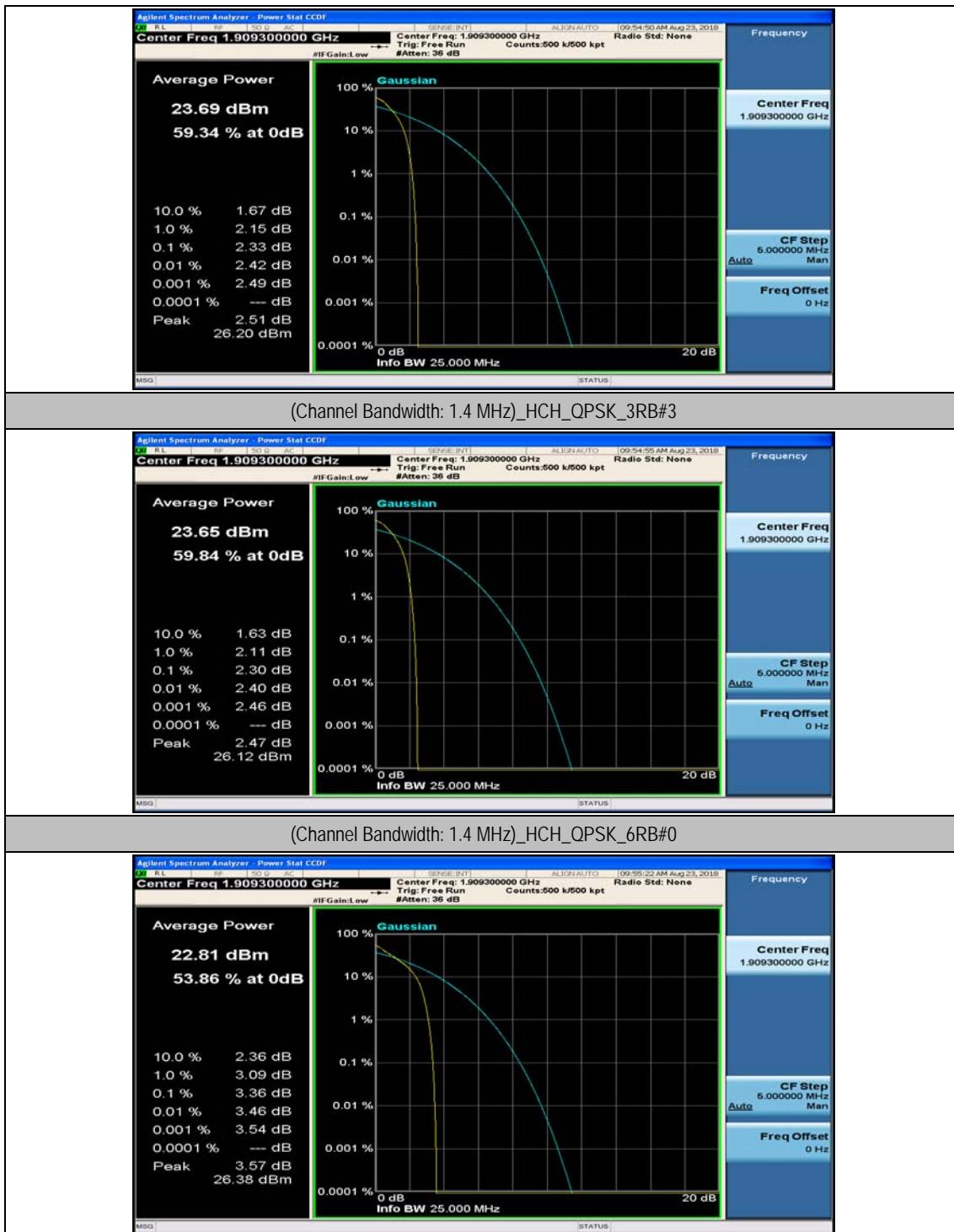


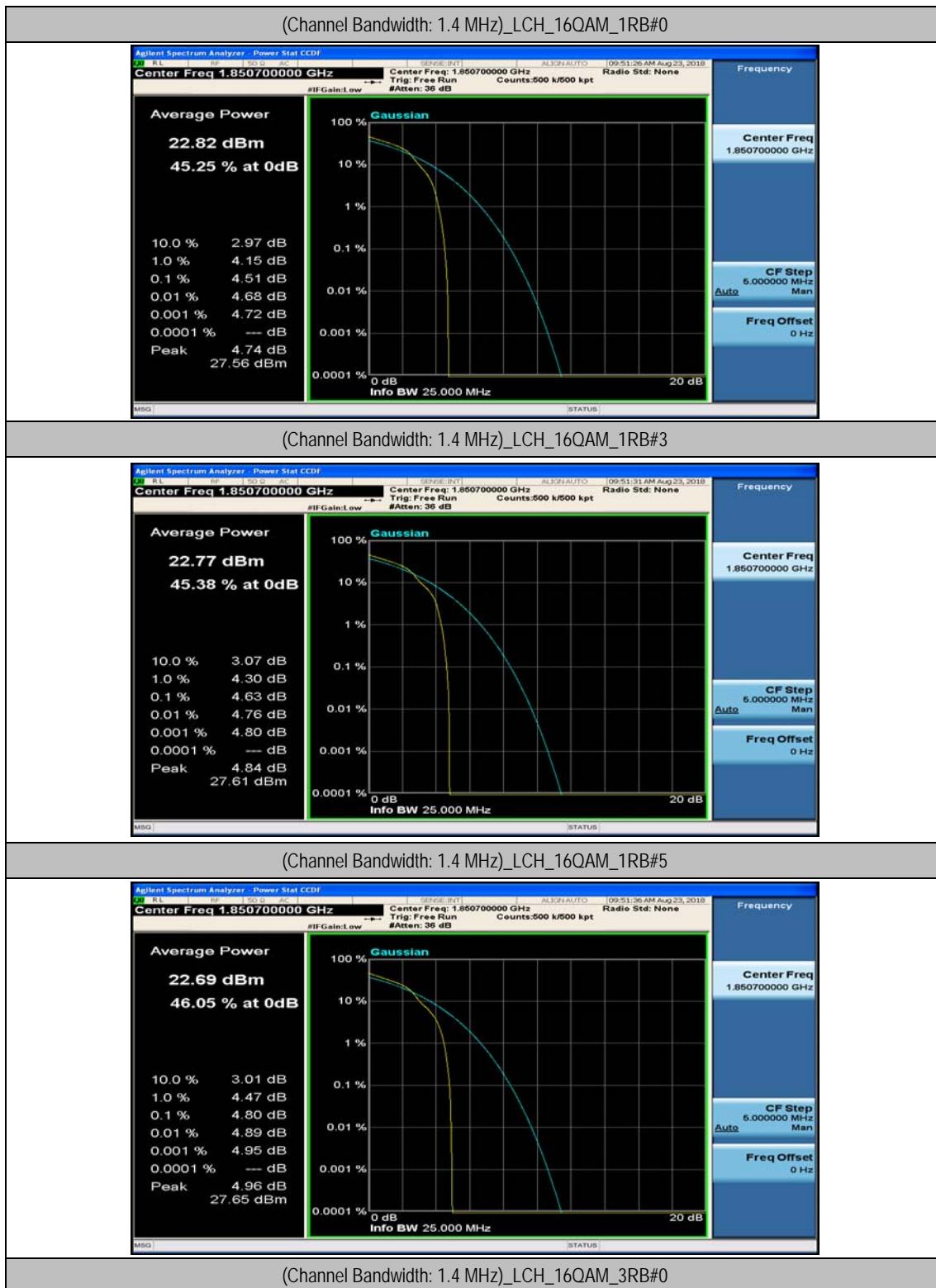


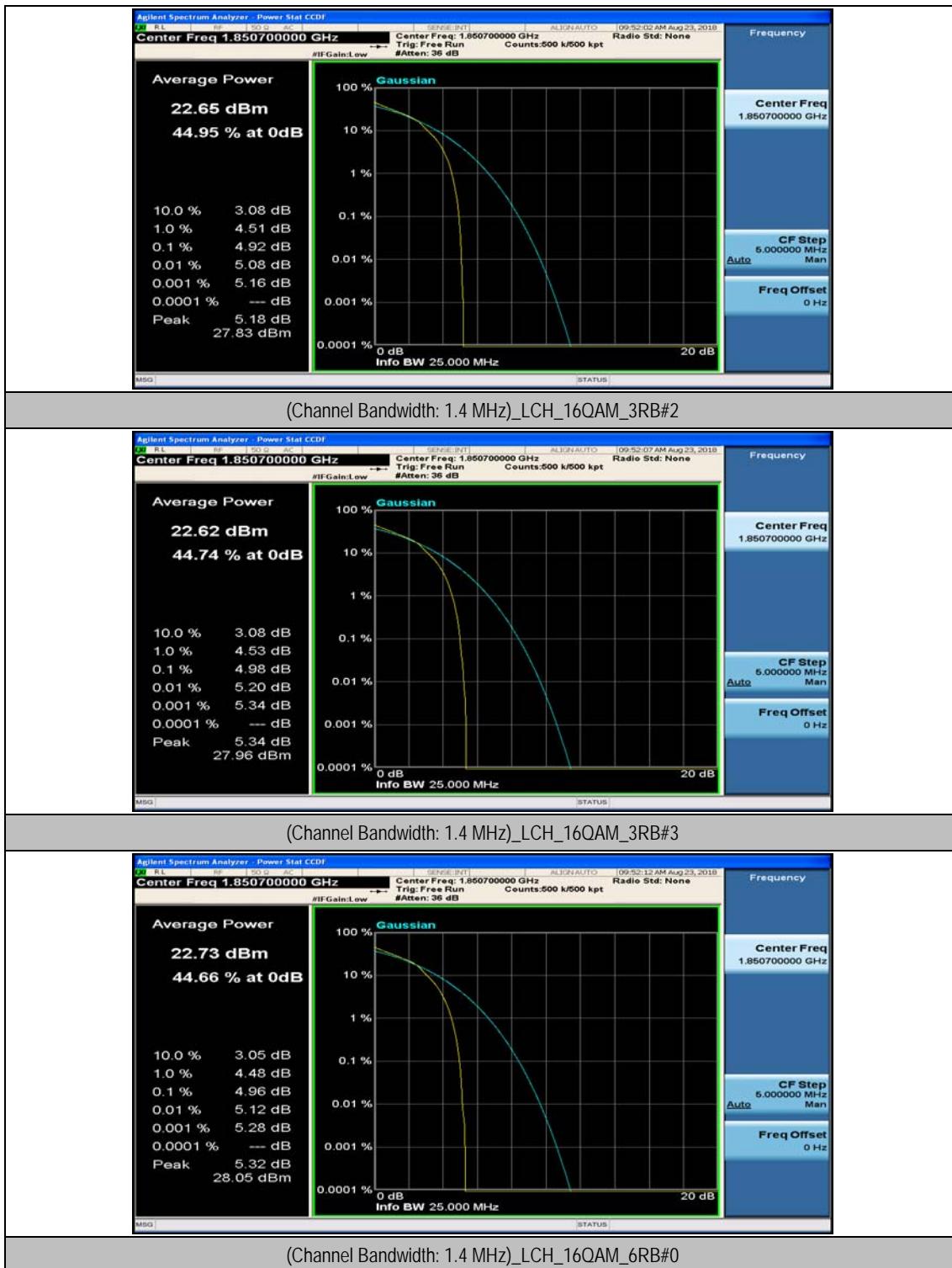


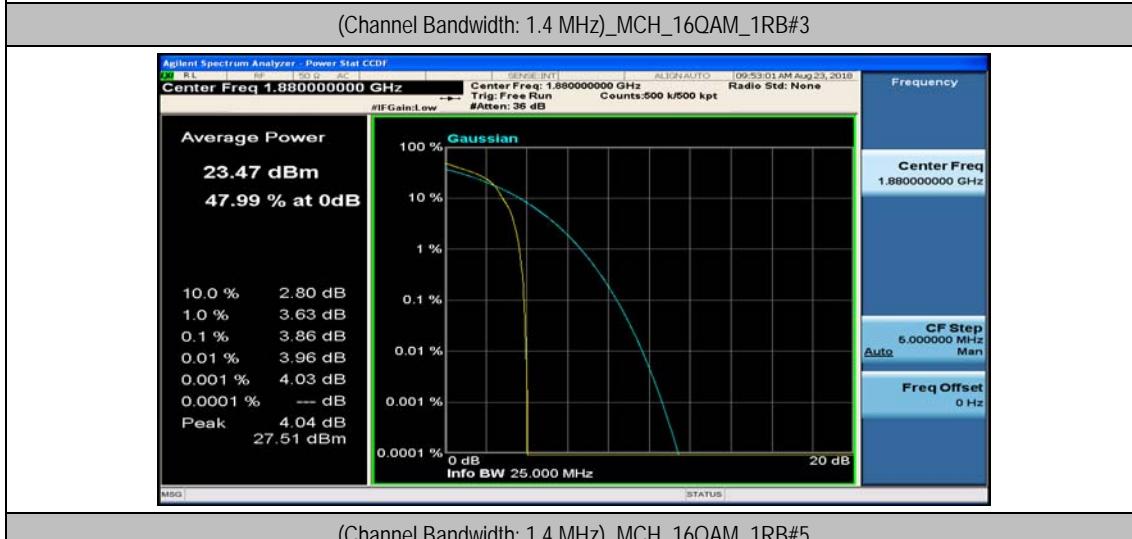
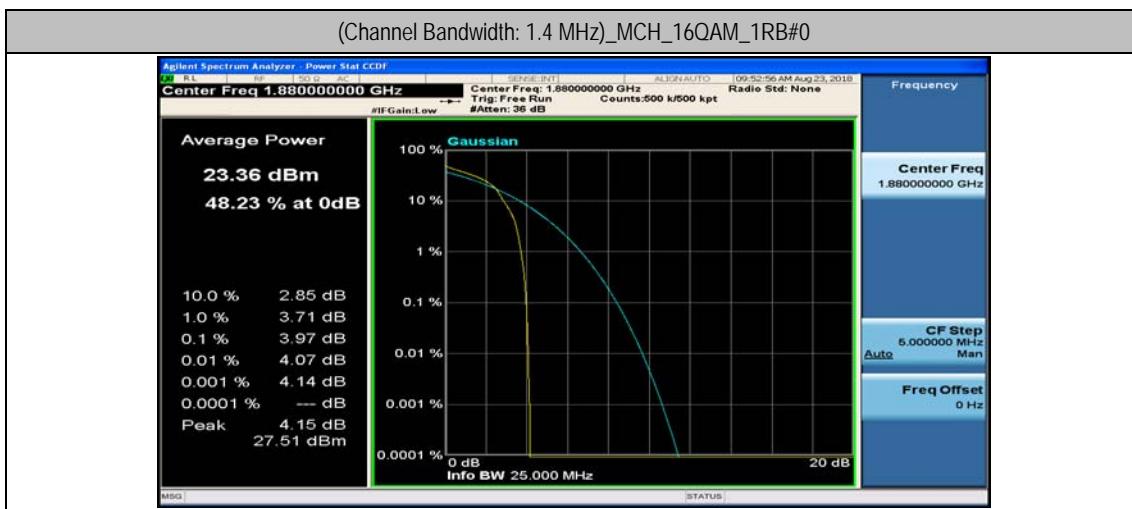
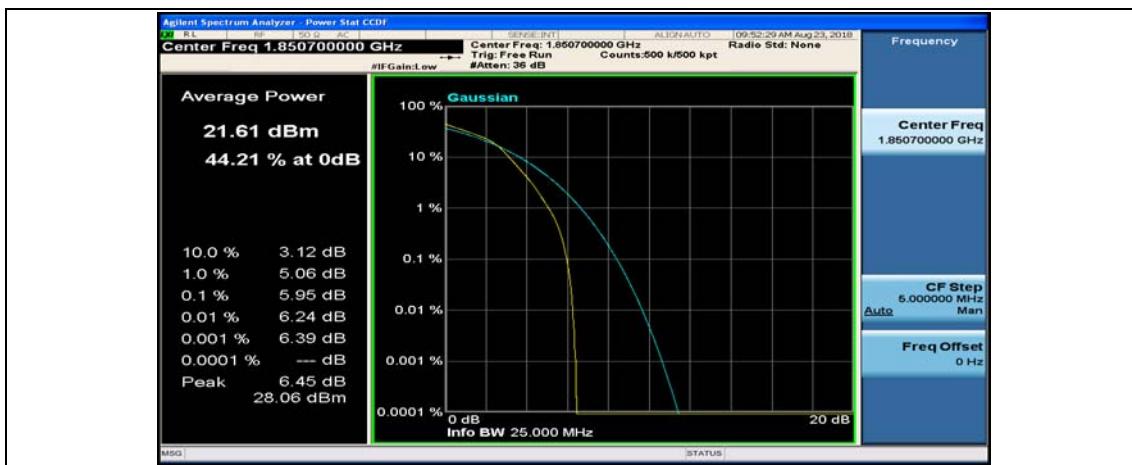


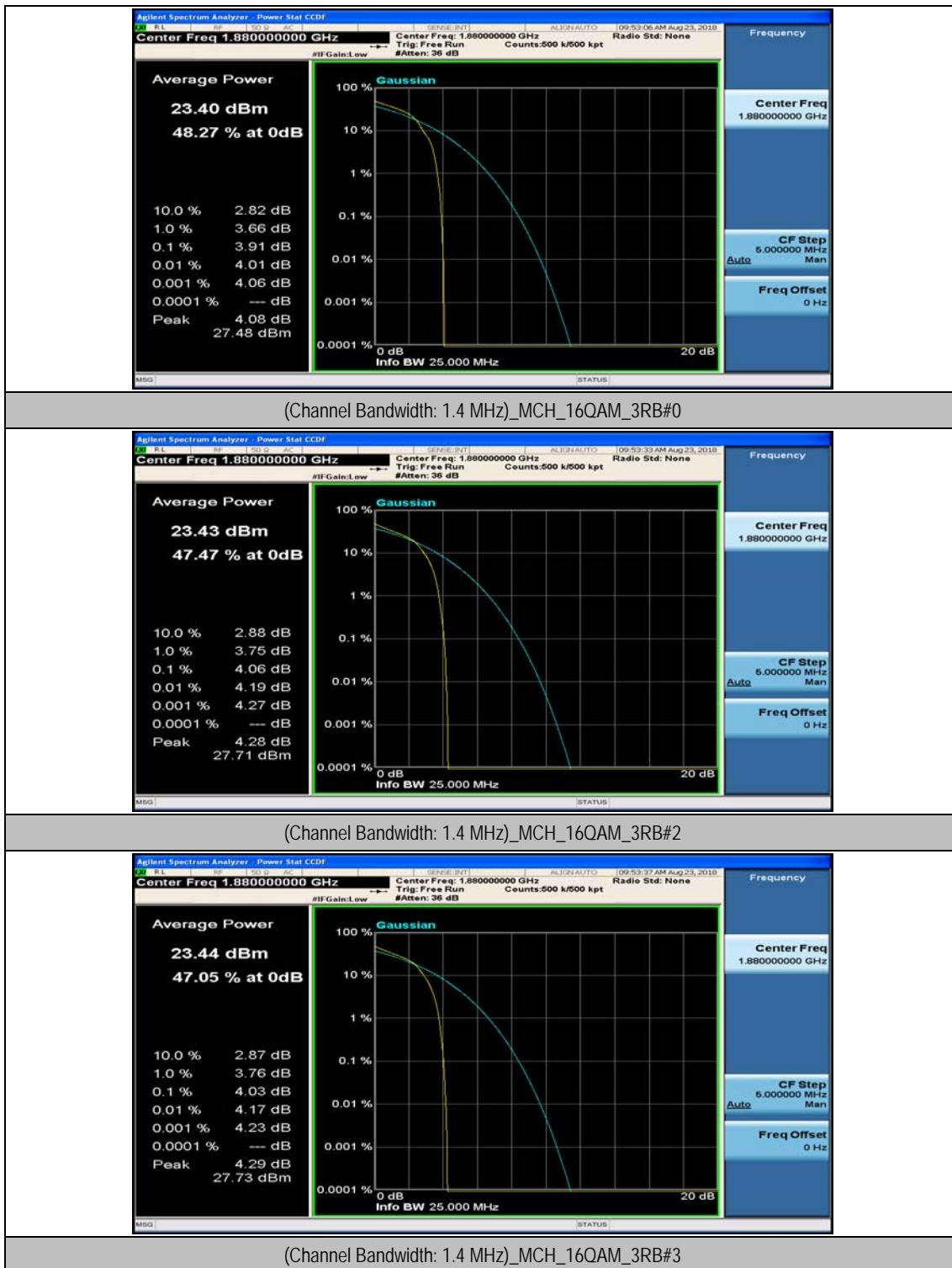


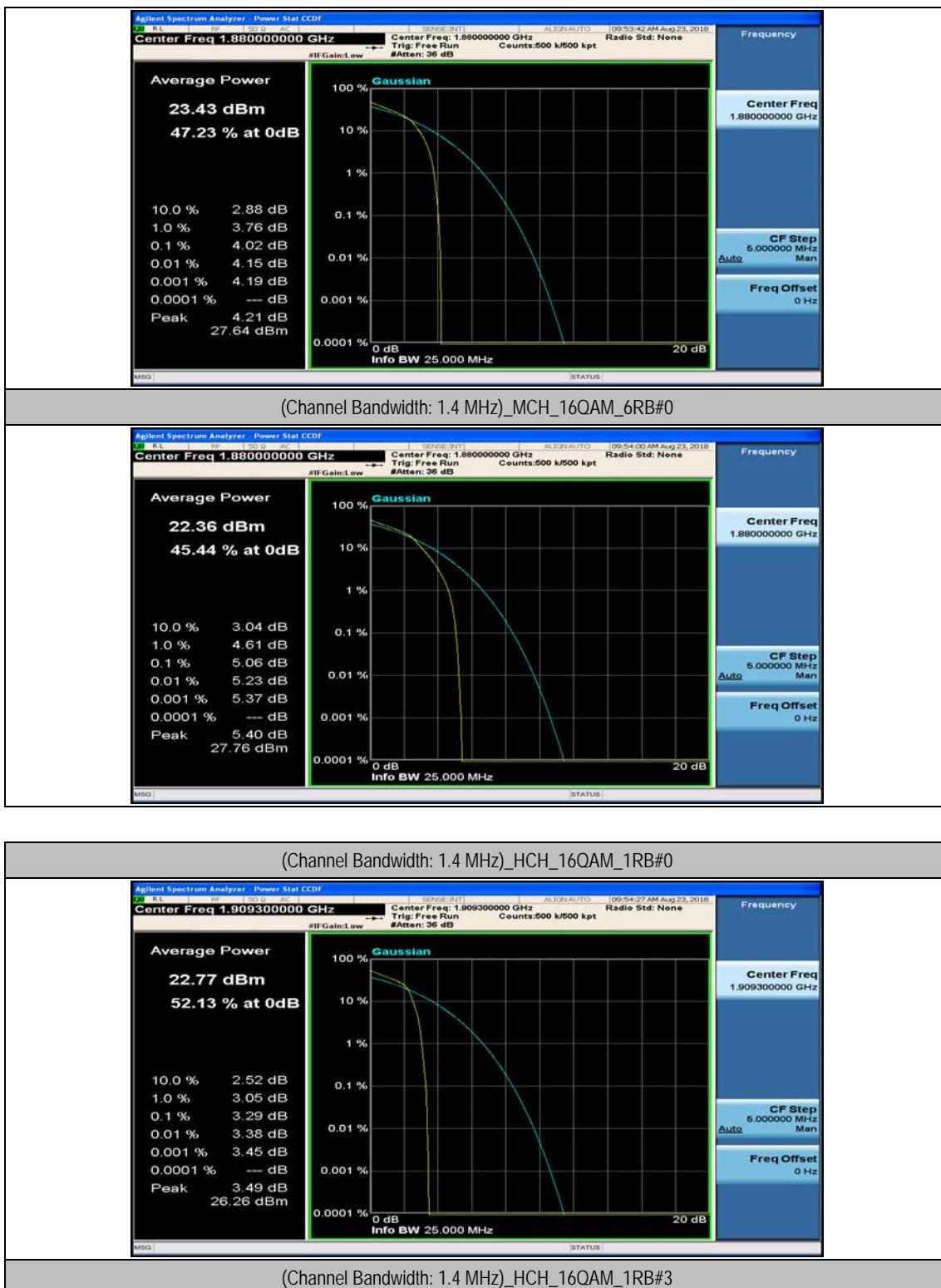


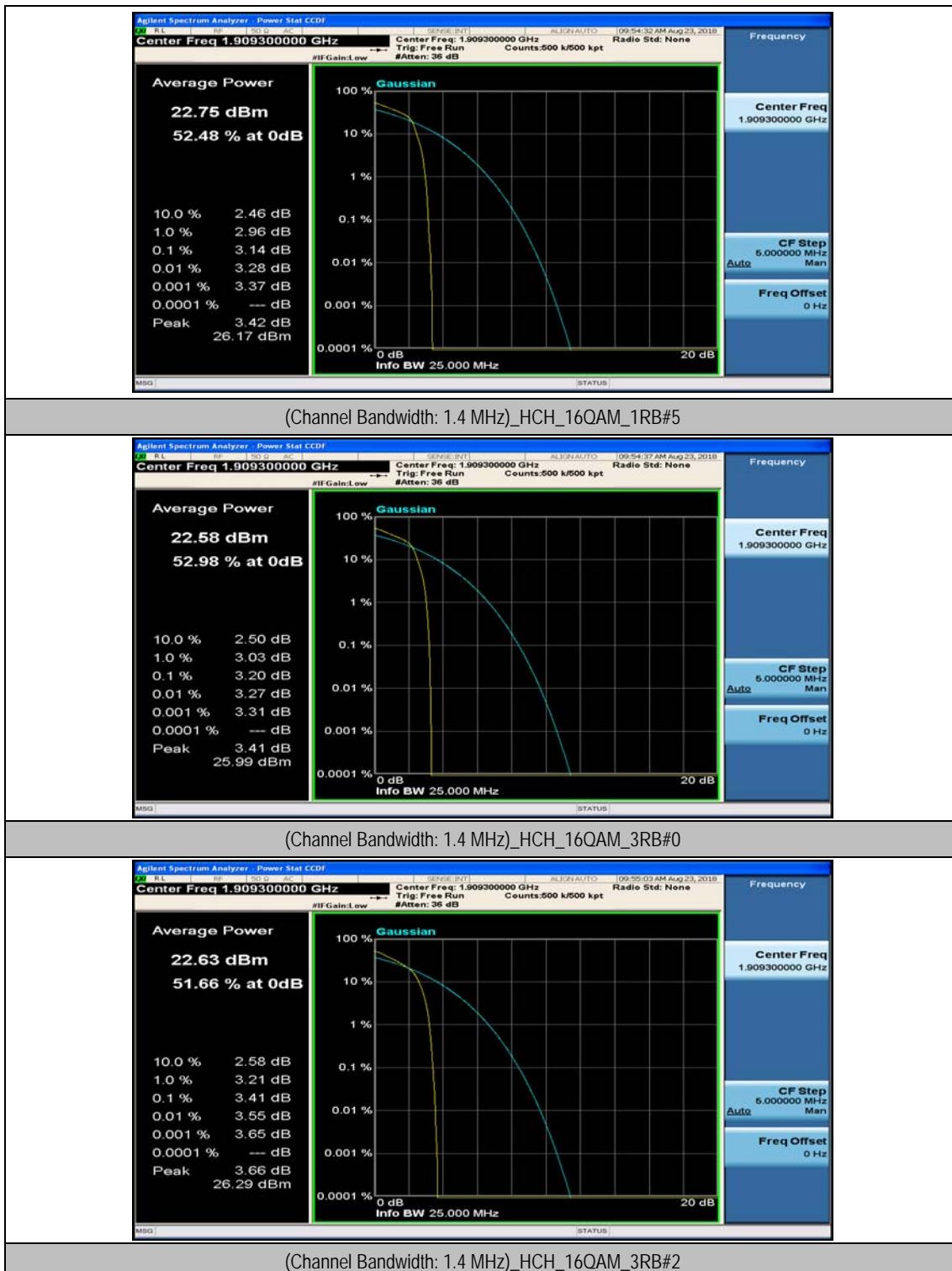


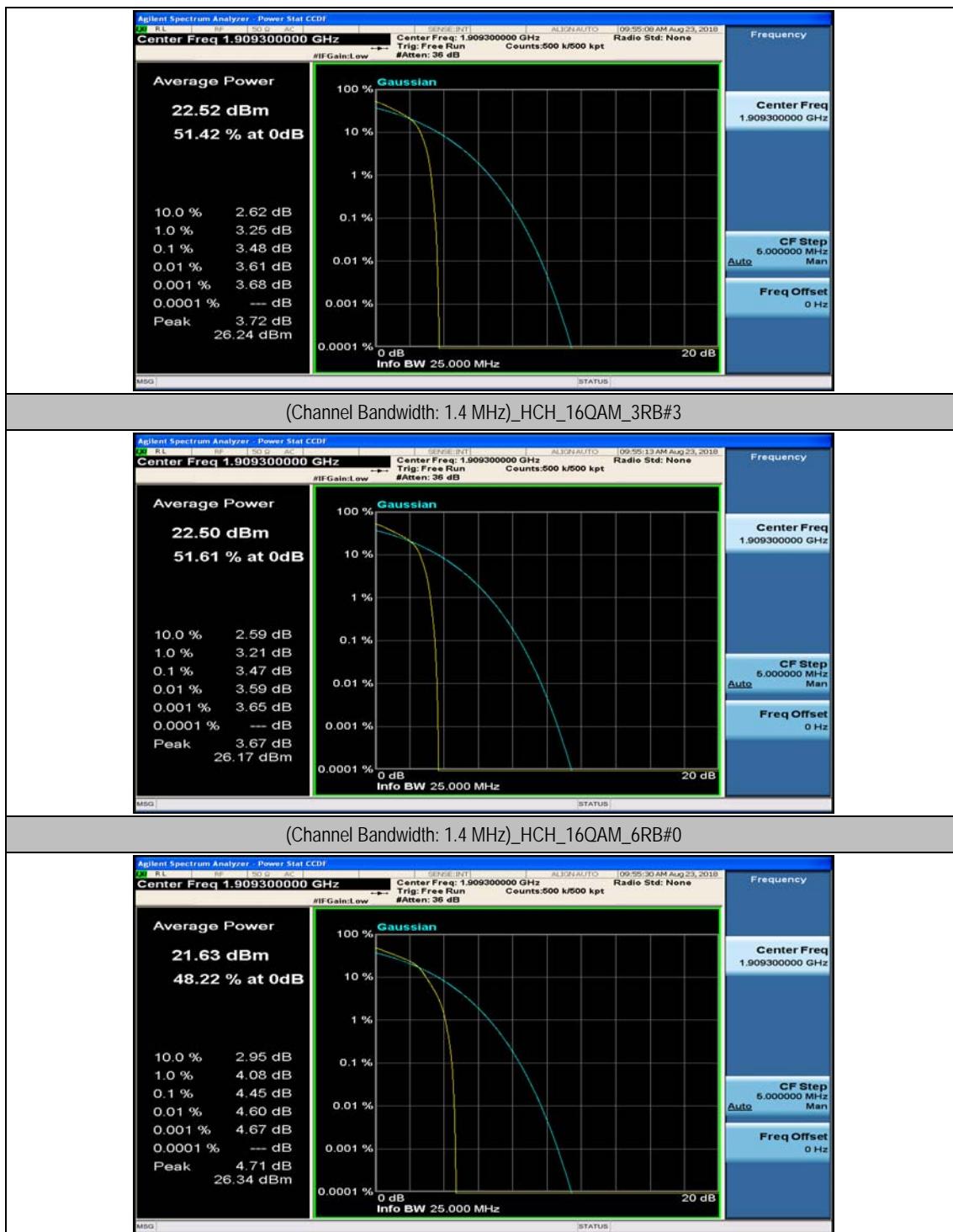




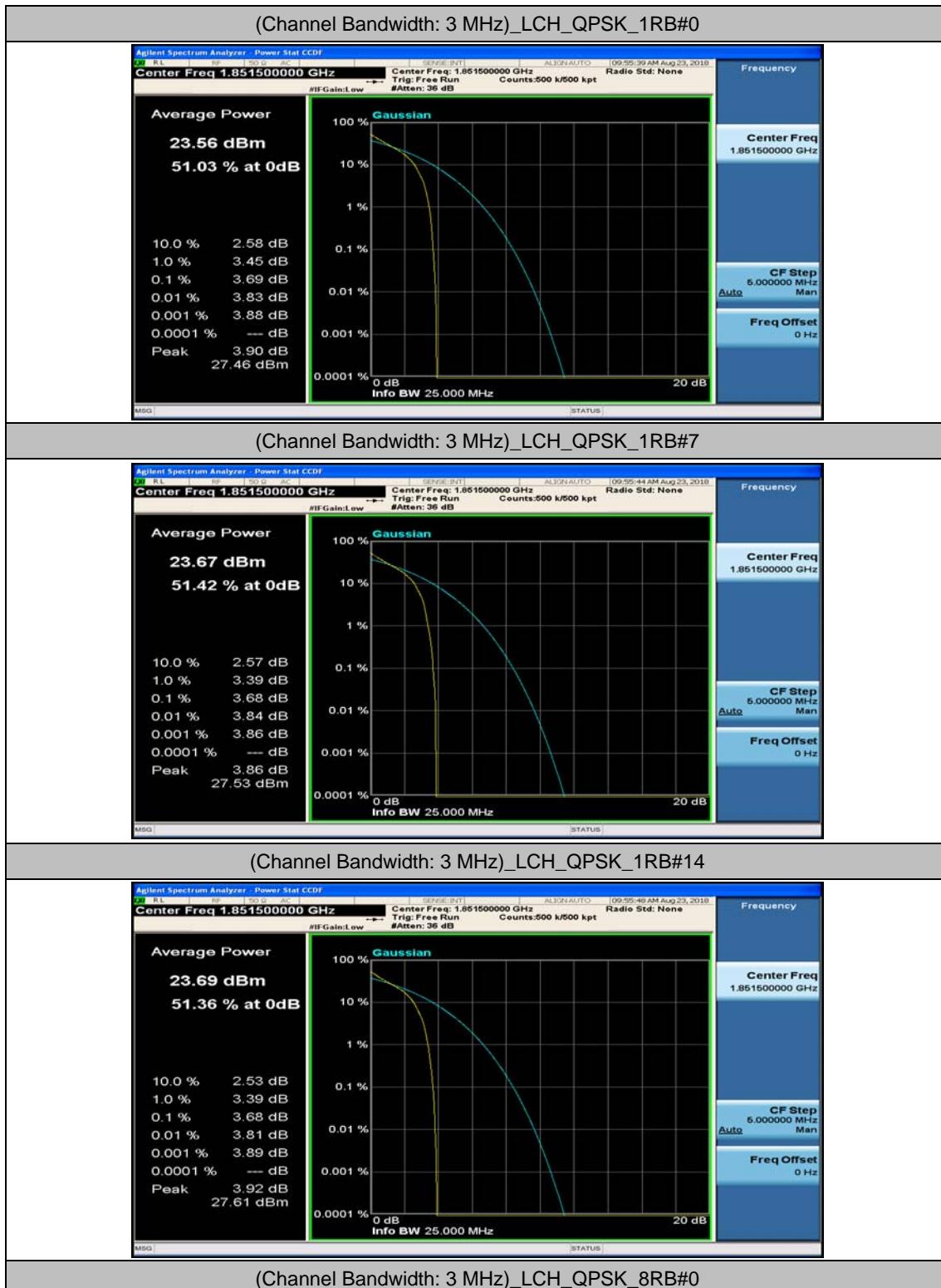


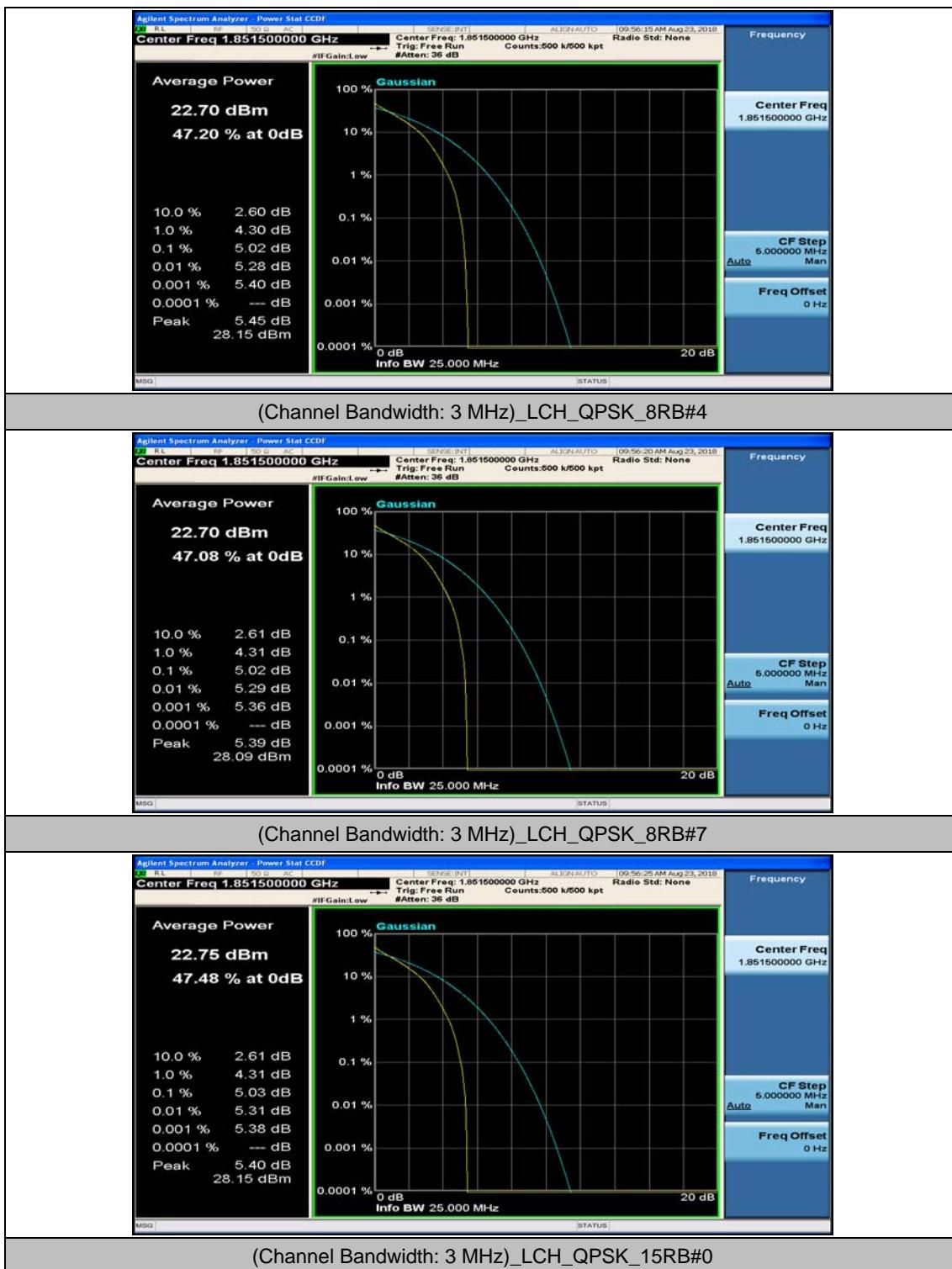


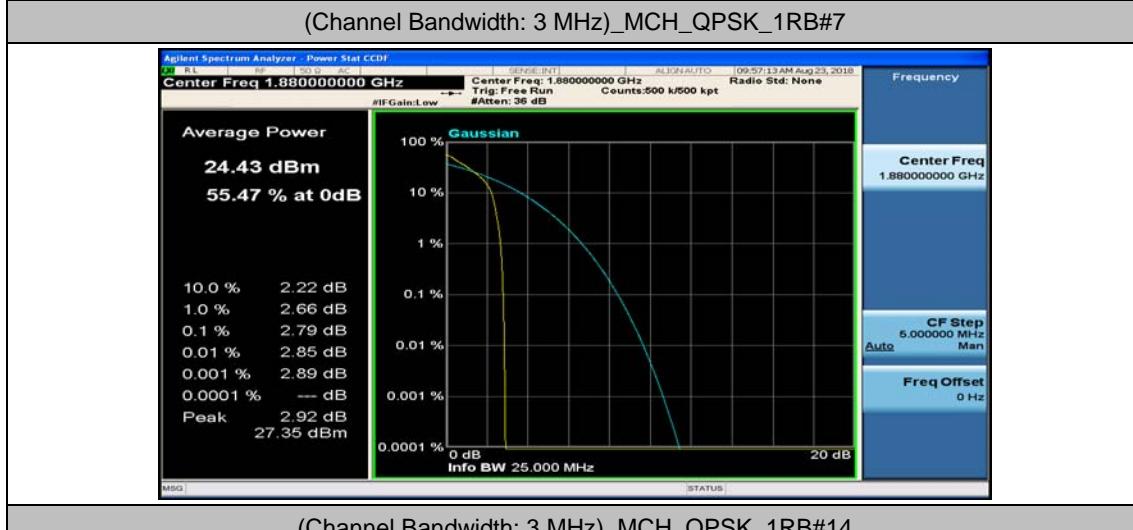
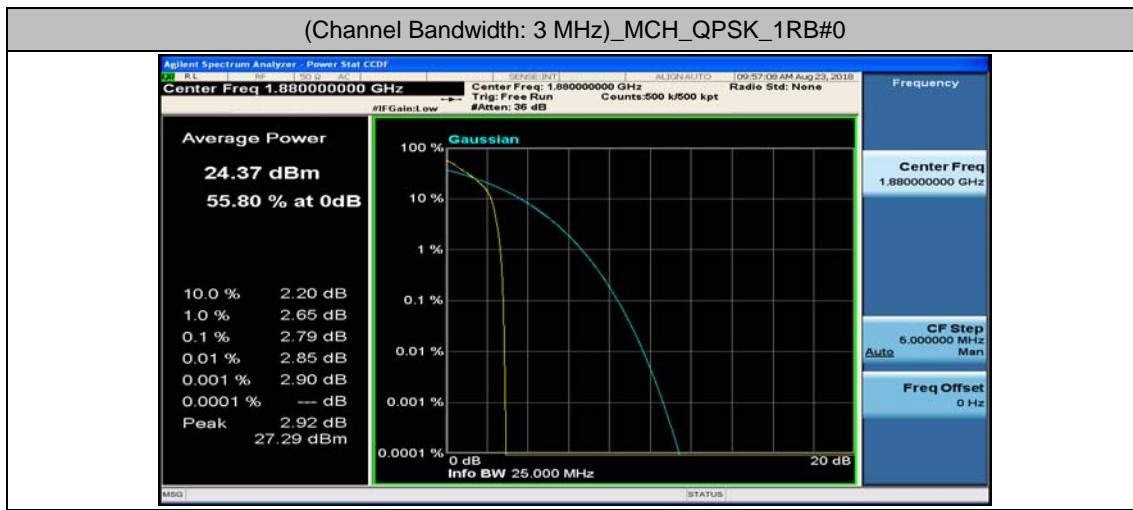
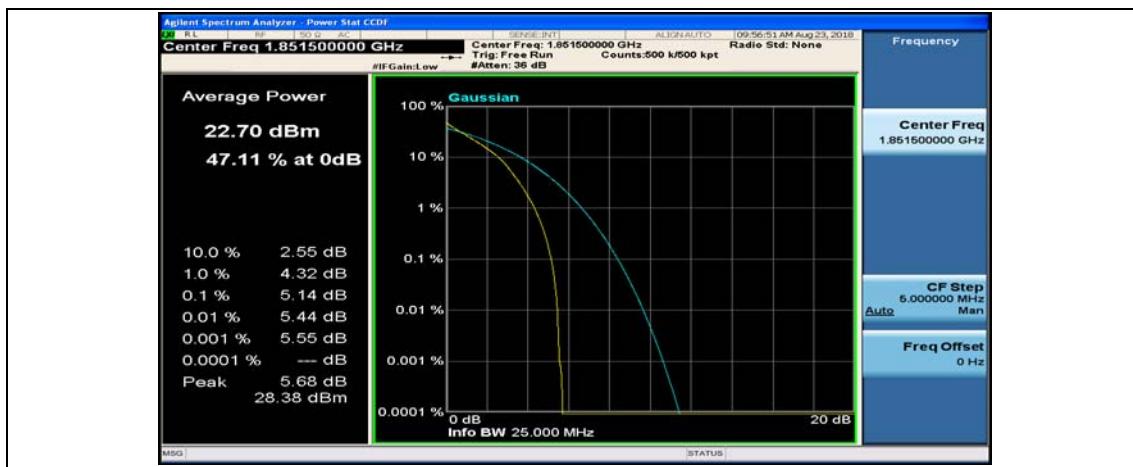




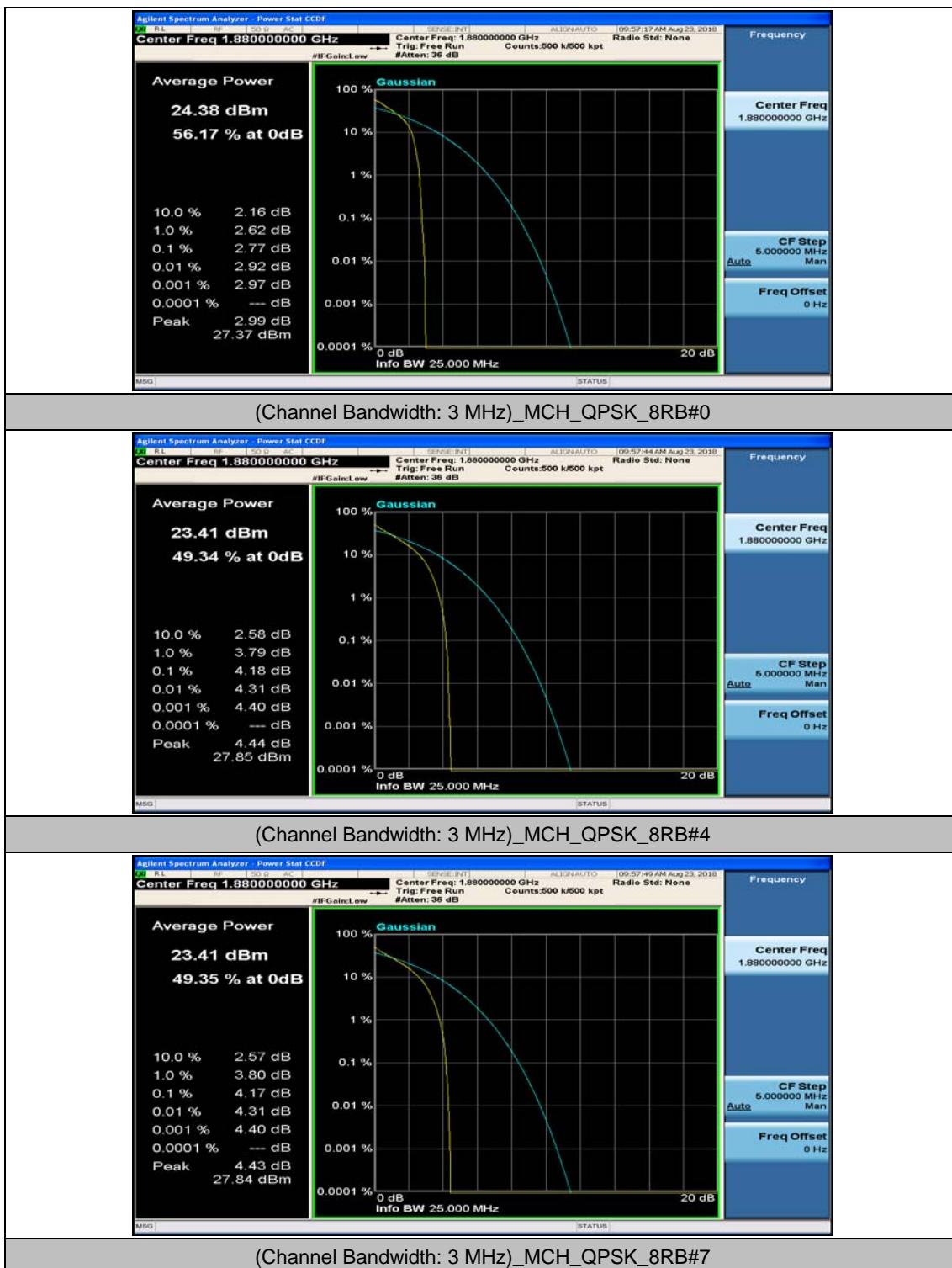
Channel Bandwidth: 3 MHz

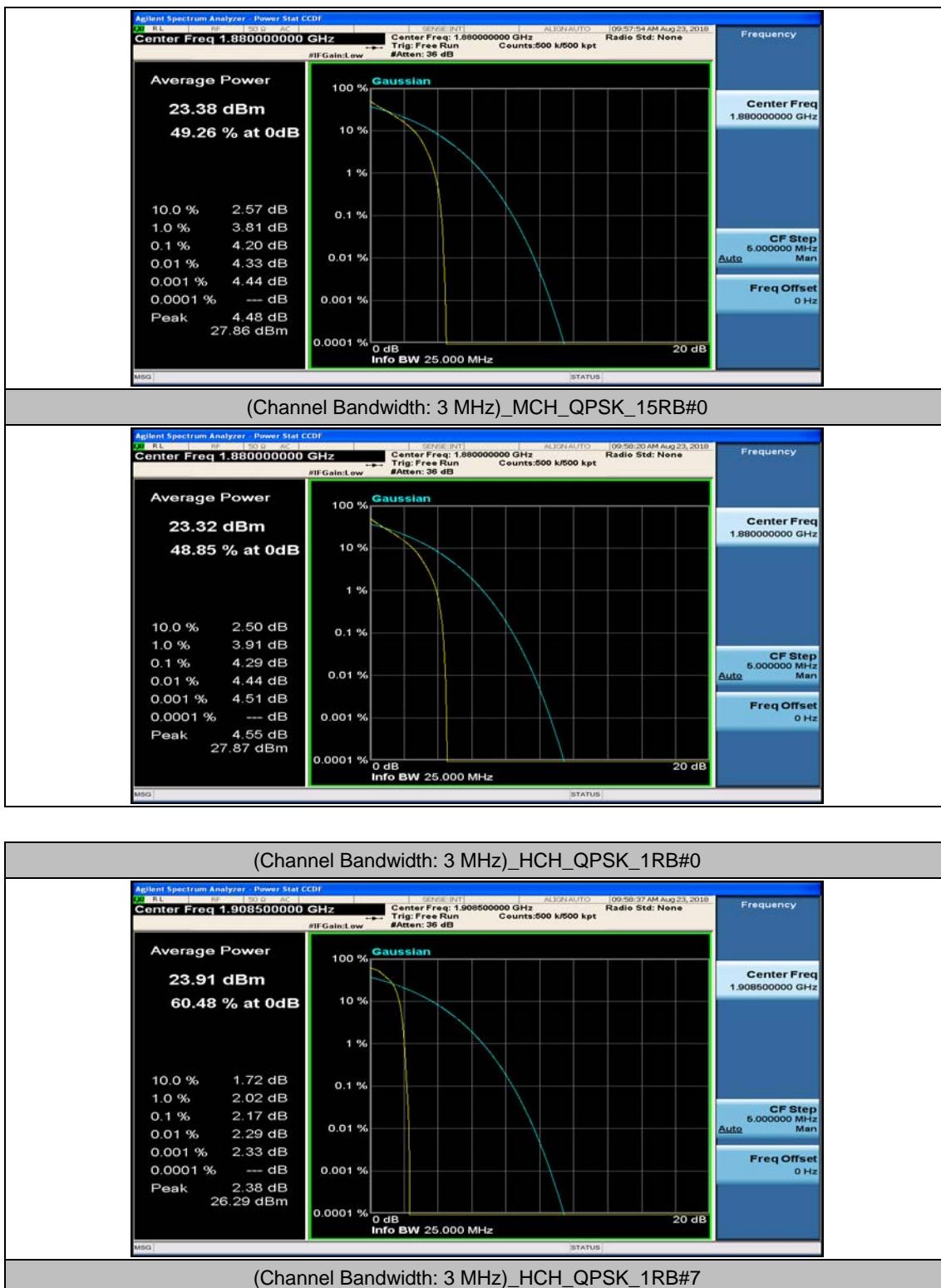


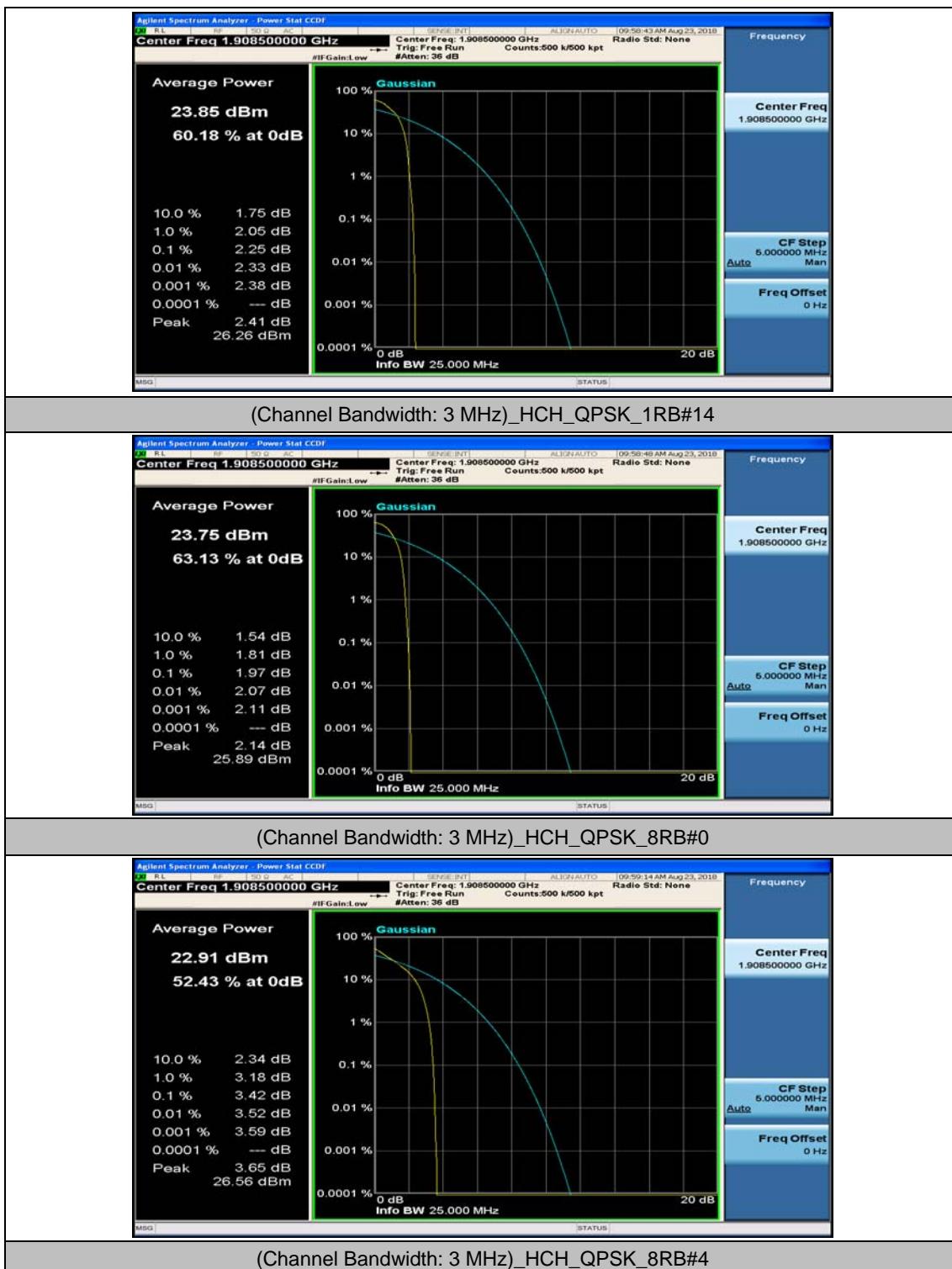


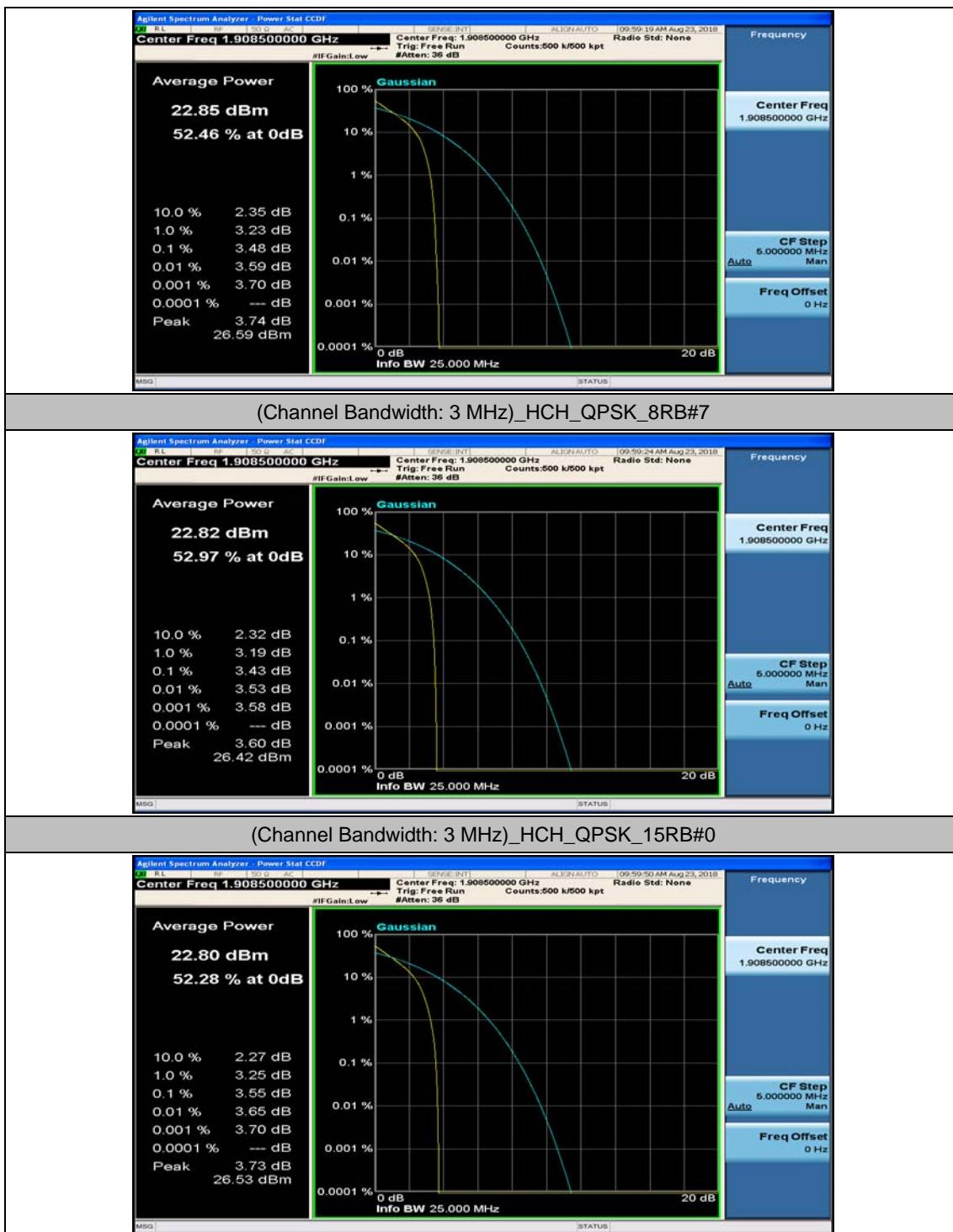


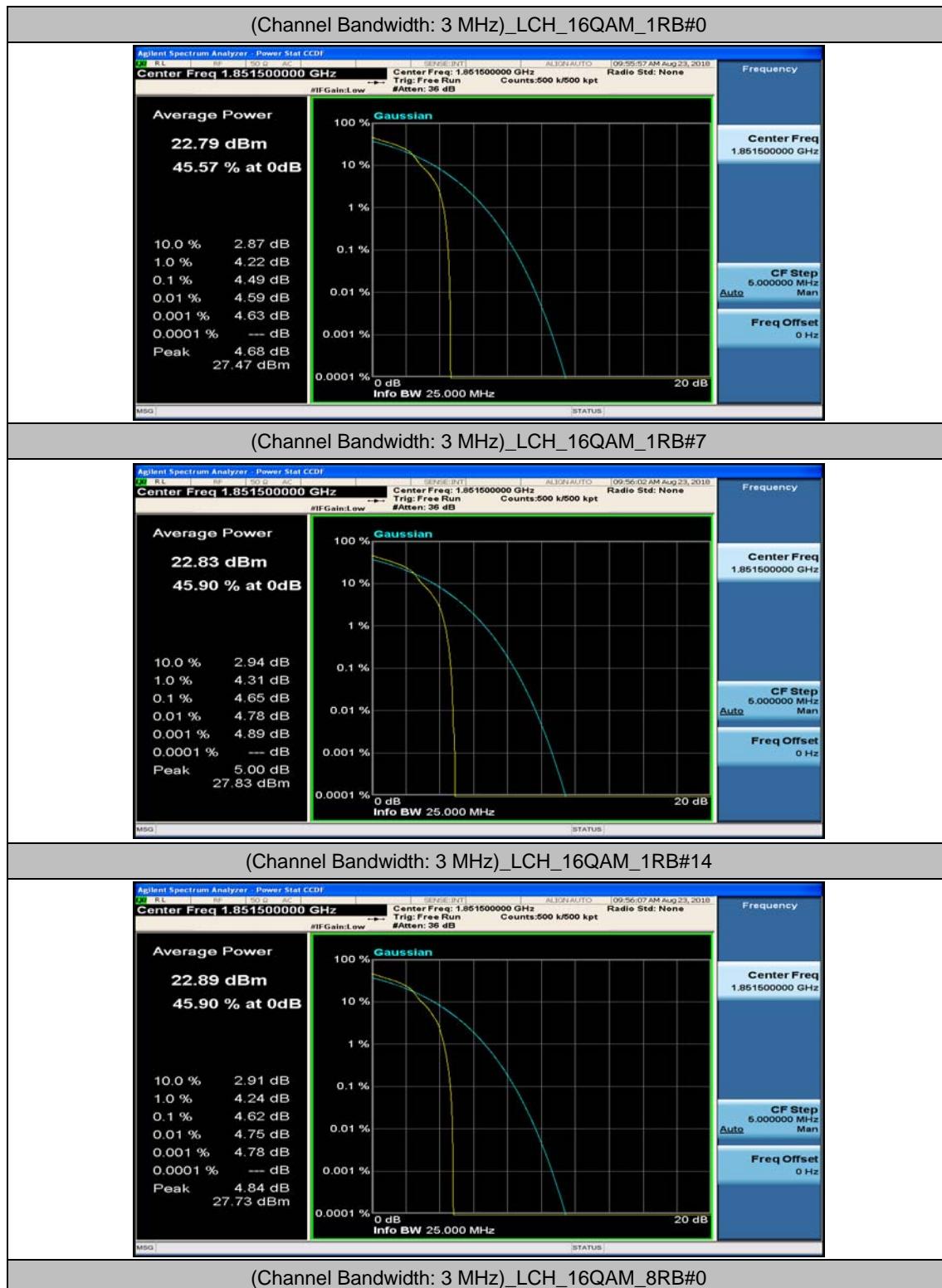
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14

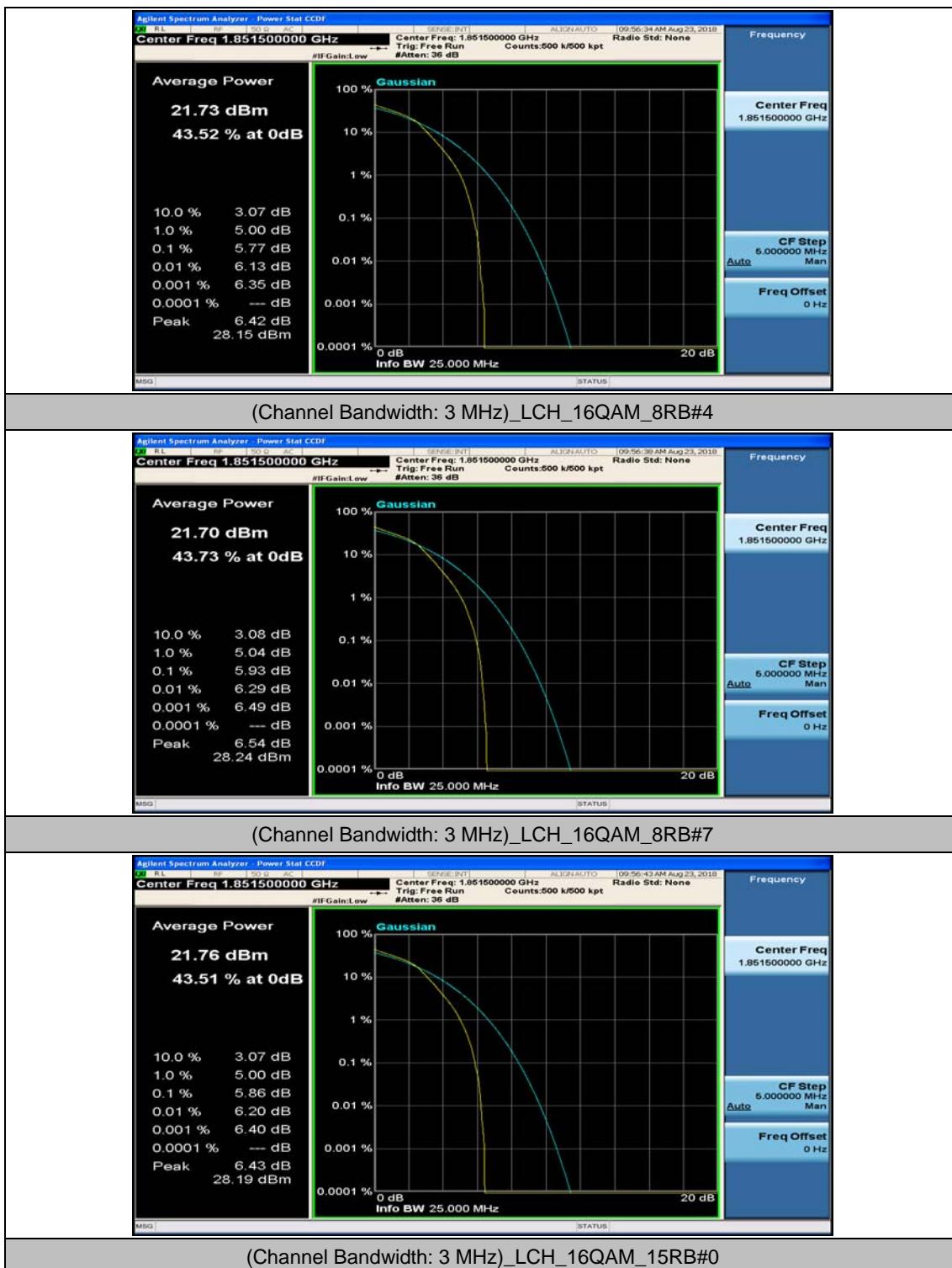


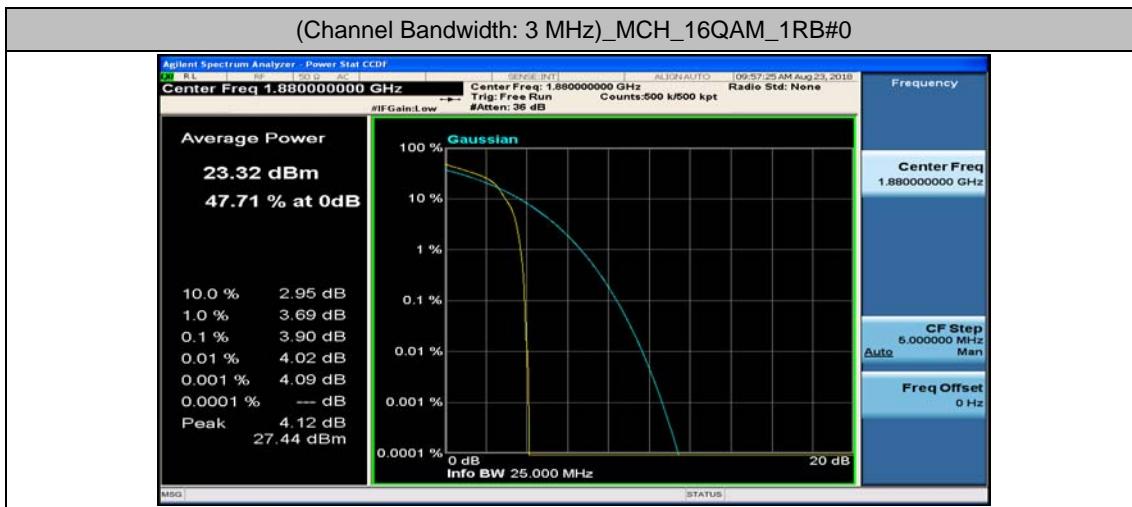
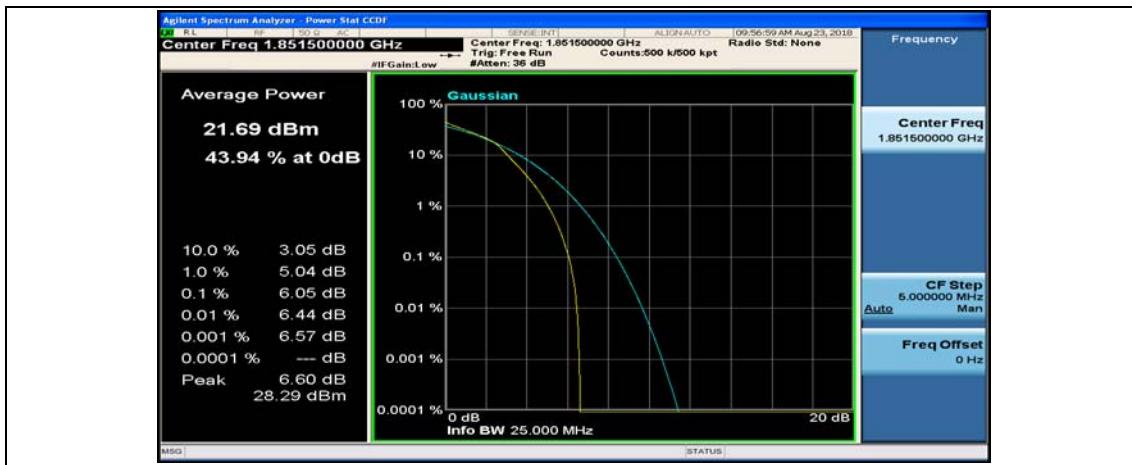




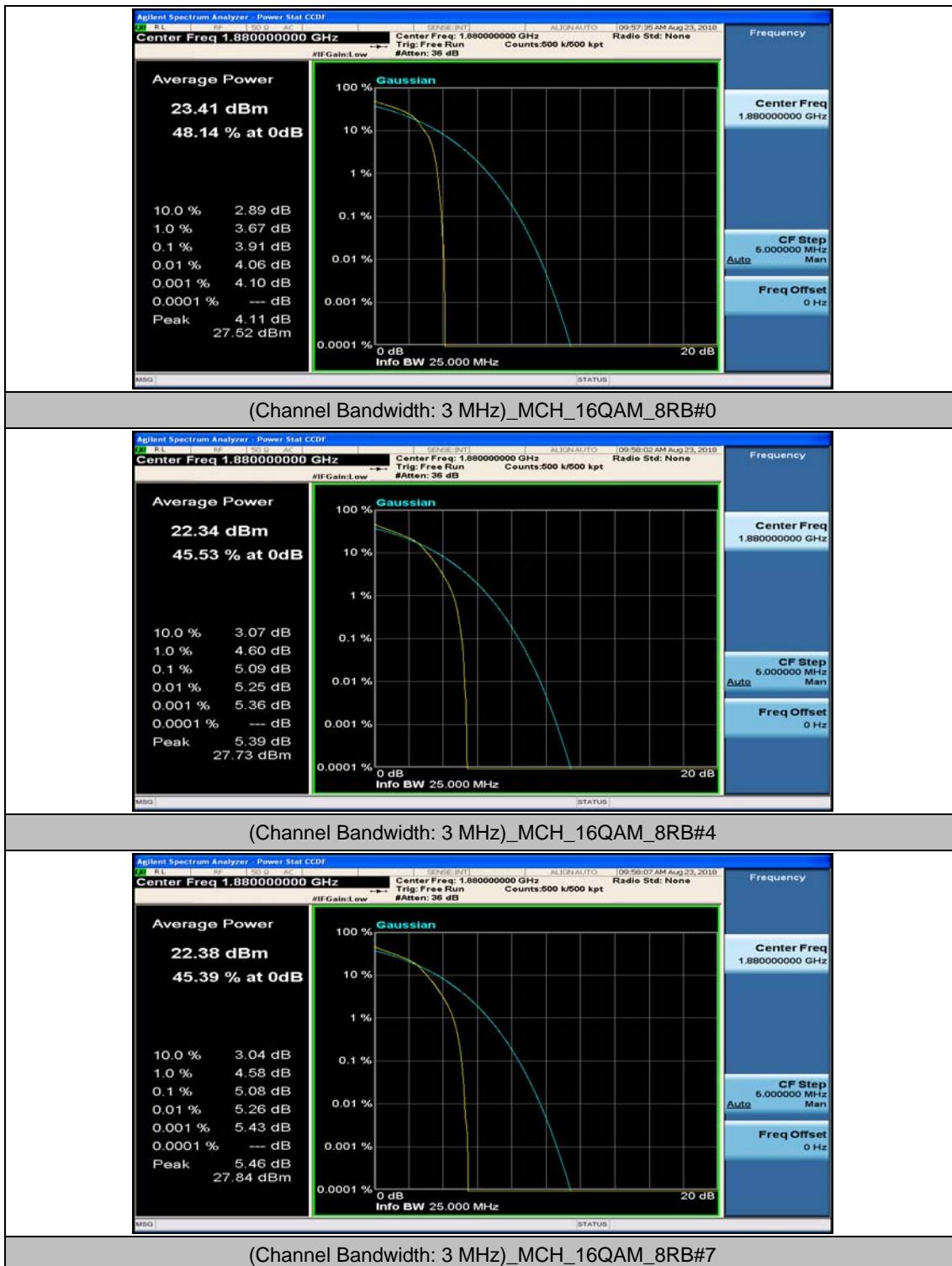


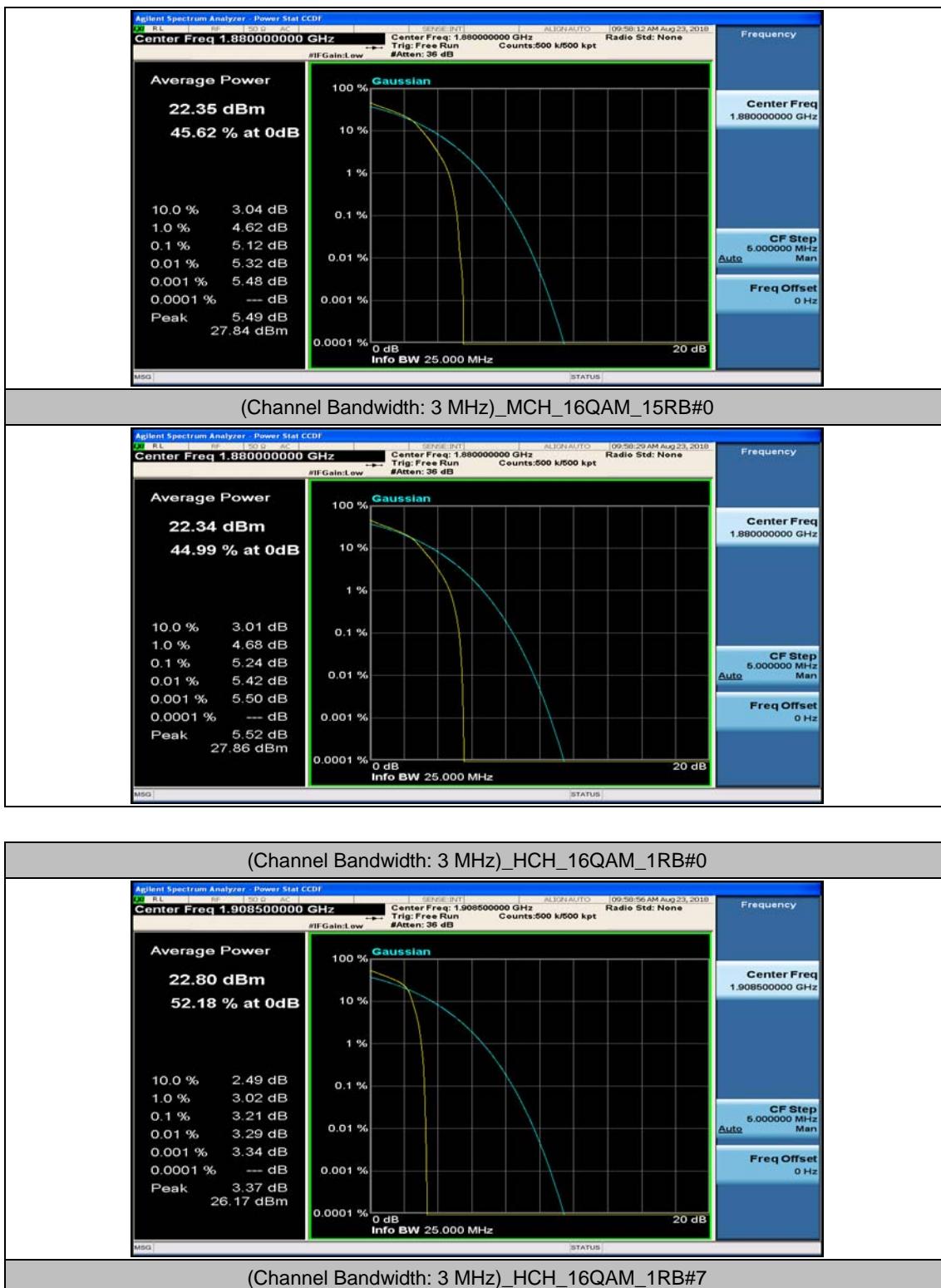


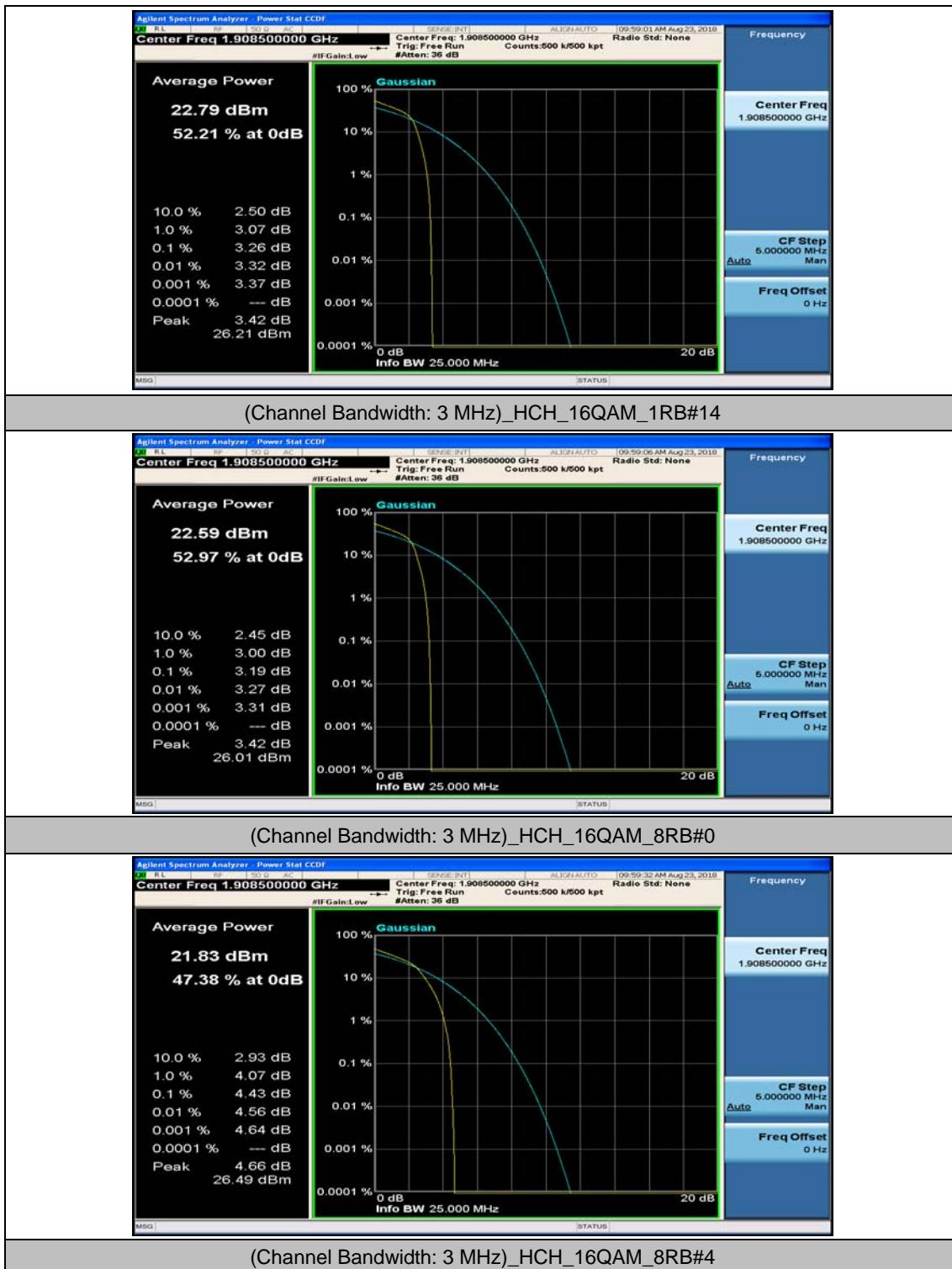


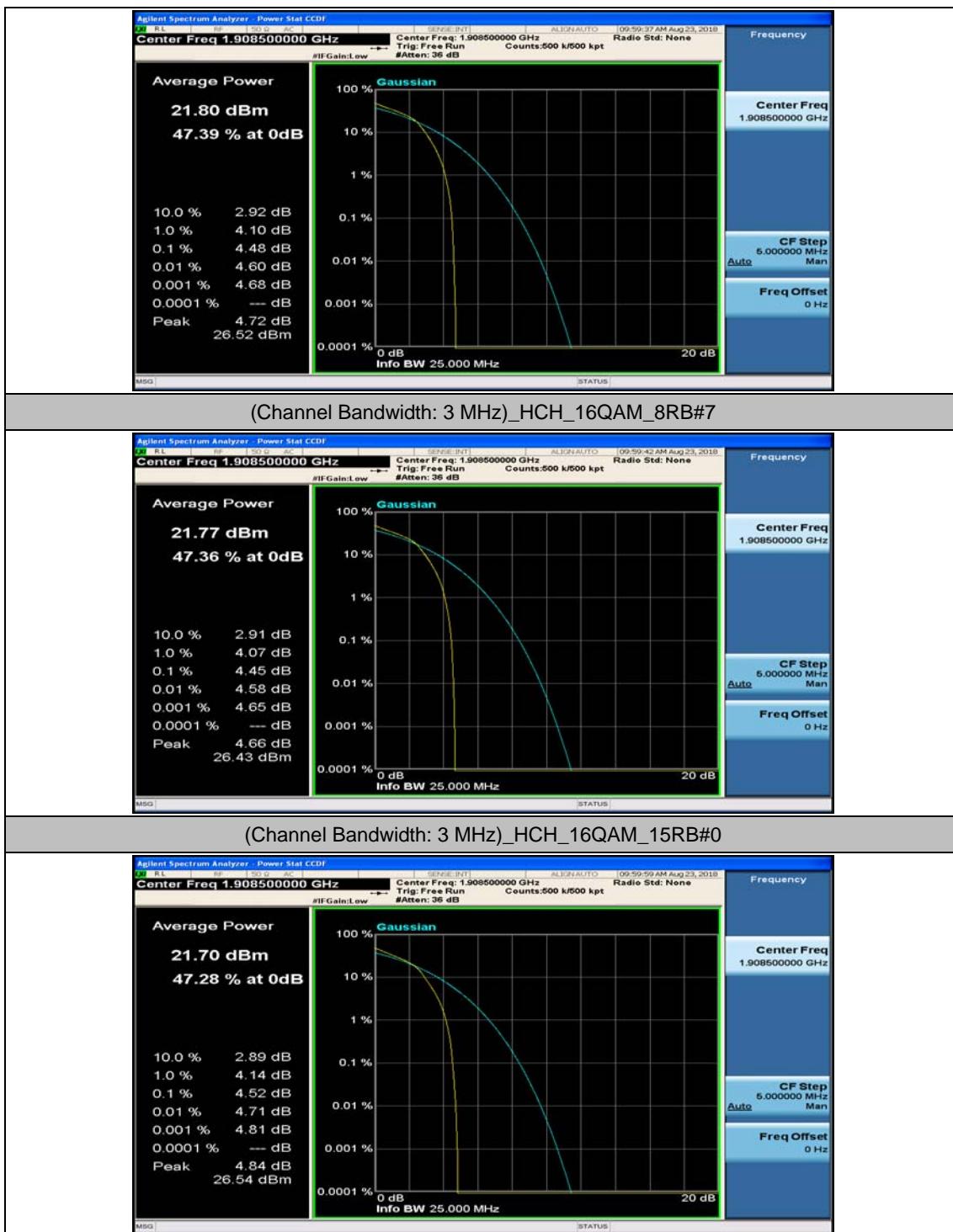


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14

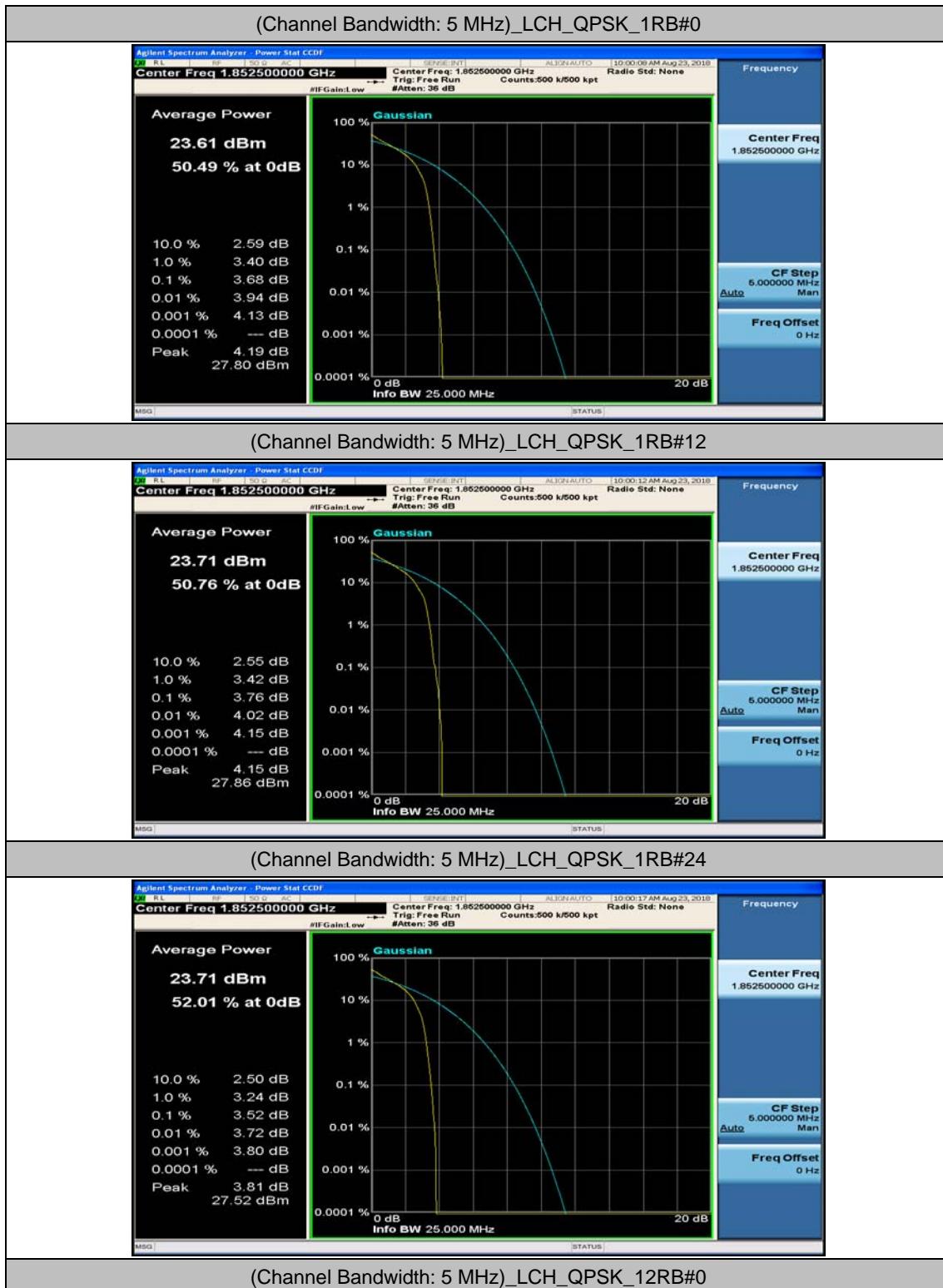


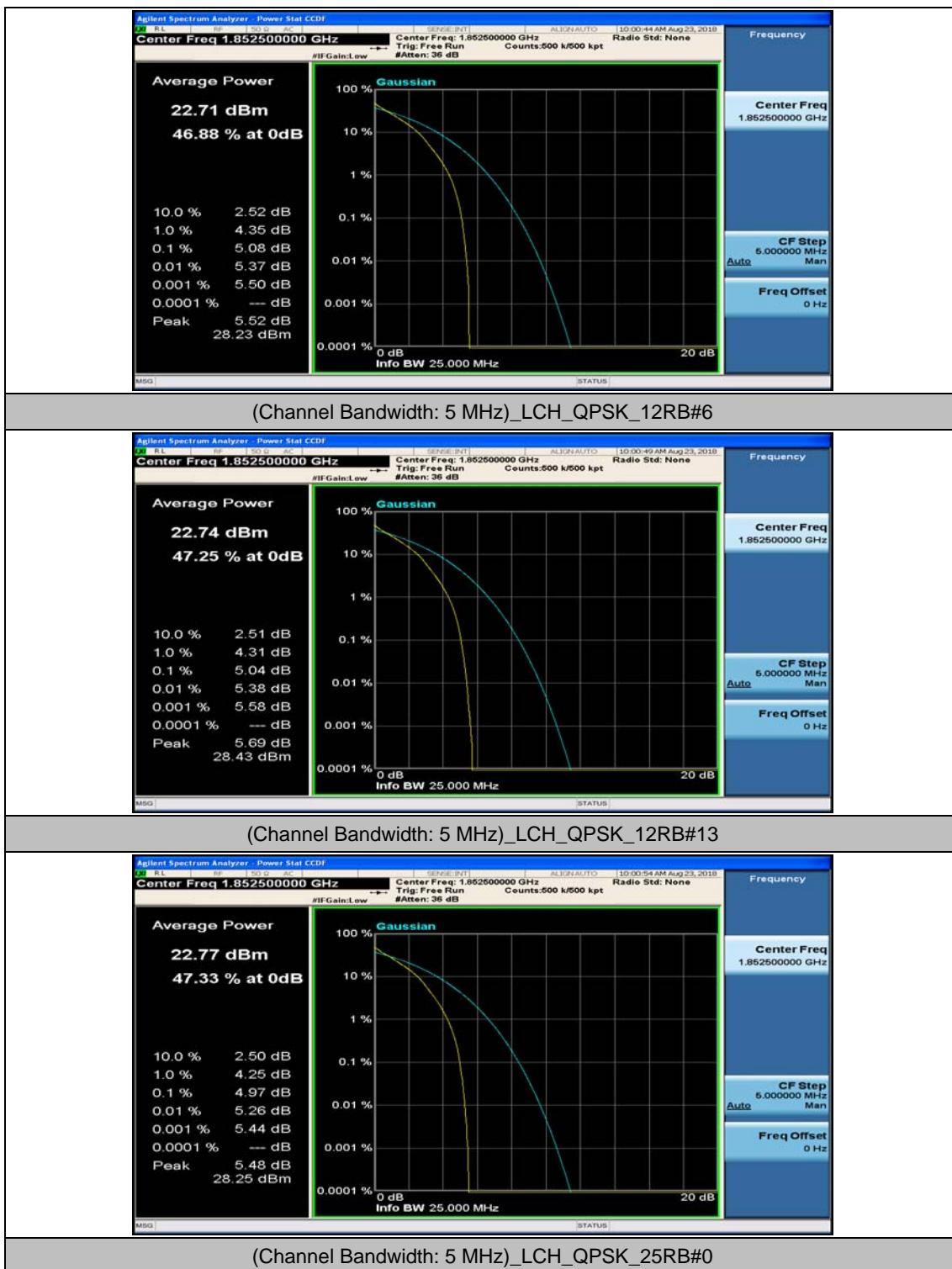


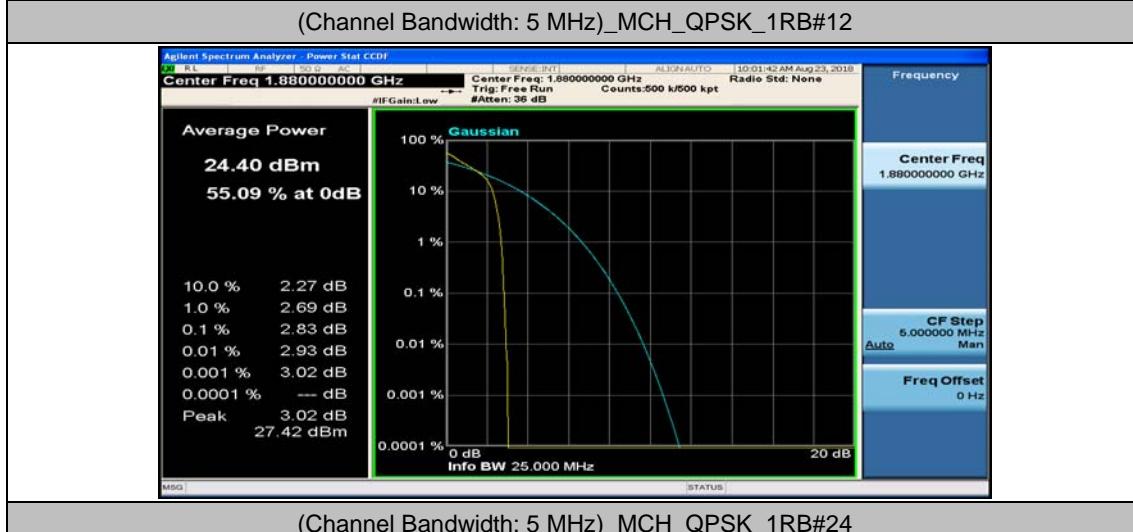
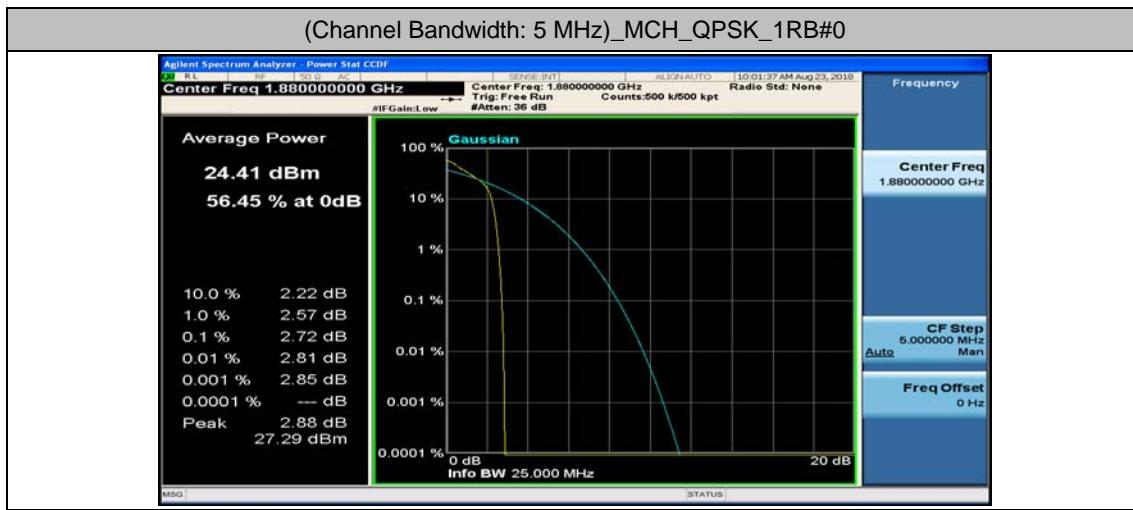
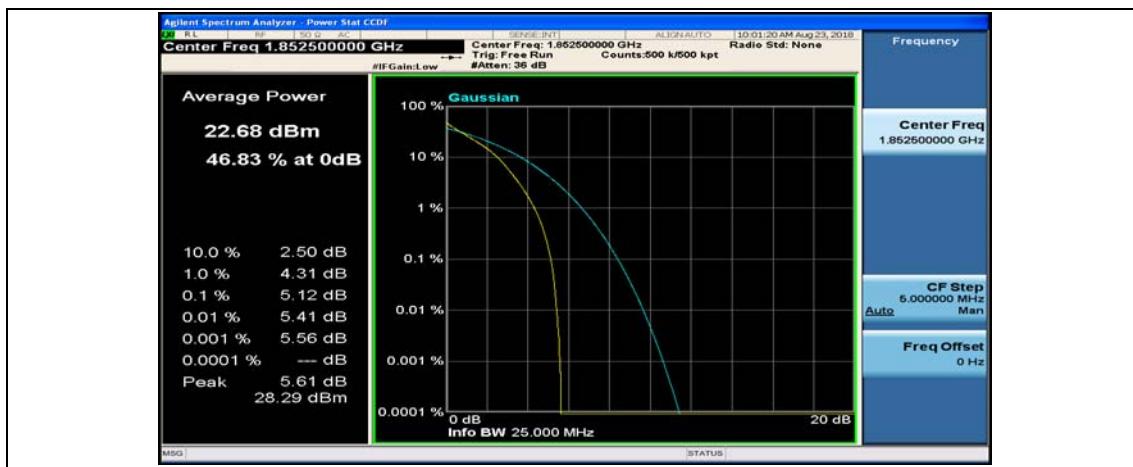




Channel Bandwidth: 5 MHz







(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24

