

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	23.28	PASS
		1	3	23.28	PASS
		1	5	23.31	PASS
		3	0	23.40	PASS
		3	2	23.38	PASS
		3	3	23.40	PASS
		6	0	22.40	PASS
	MCH	1	0	24.07	PASS
		1	3	24.06	PASS
		1	5	24.07	PASS
		3	0	24.17	PASS
		3	2	24.09	PASS
		3	3	24.15	PASS
		6	0	23.35	PASS
16QAM	HCH	1	0	23.46	PASS
		1	3	23.45	PASS
		1	5	23.49	PASS
		3	0	23.54	PASS
		3	2	23.45	PASS
		3	3	23.42	PASS
		6	0	22.62	PASS
	LCH	1	0	22.54	PASS
		1	3	22.64	PASS
		1	5	22.58	PASS
		3	0	22.57	PASS
		3	2	22.50	PASS
		3	3	22.54	PASS
		6	0	21.39	PASS
	MCH	1	0	23.41	PASS
		1	3	23.44	PASS
		1	5	23.42	PASS
		3	0	23.12	PASS

		3	2	23.07	PASS
		3	3	23.16	PASS
		6	0	22.08	PASS
HCH	HCH	1	0	22.59	PASS
		1	3	22.56	PASS
		1	5	22.48	PASS
		3	0	22.50	PASS
		3	2	22.41	PASS
		3	3	22.42	PASS
		6	0	21.64	PASS

Channel Bandwidth: 3 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.17	PASS
		1	7	23.28	PASS
		1	14	23.28	PASS
		8	0	22.41	PASS
		8	4	22.4	PASS
		8	7	22.45	PASS
		15	0	22.4	PASS
	MCH	1	0	24.01	PASS
		1	7	24.05	PASS
		1	14	24.01	PASS
		8	0	23.16	PASS
		8	4	23.14	PASS
		8	7	23.14	PASS
		15	0	23.1	PASS
	HCH	1	0	23.63	PASS
		1	7	23.51	PASS
		1	14	23.44	PASS
		8	0	22.73	PASS
		8	4	22.64	PASS
		8	7	22.62	PASS
		15	0	22.64	PASS
16QAM	LCH	1	0	22.48	PASS
		1	7	22.58	PASS
		1	14	22.55	PASS
		8	0	21.48	PASS
		8	4	21.51	PASS
		8	7	21.52	PASS
		15	0	21.39	PASS

	MCH	1	0	23.33	PASS
		1	7	23.38	PASS
		1	14	23.34	PASS
		8	0	22.14	PASS
		8	4	22.12	PASS
		8	7	22.13	PASS
		15	0	22.11	PASS
	HCH	1	0	22.7	PASS
		1	7	22.6	PASS
		1	14	22.44	PASS
		8	0	21.64	PASS
		8	4	21.55	PASS
		8	7	21.51	PASS
		15	0	21.6	PASS

Channel Bandwidth: 5 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.41	PASS
		1	12	23.48	PASS
		1	24	23.5	PASS
		12	0	22.47	PASS
		12	6	22.51	PASS
		12	13	22.56	PASS
		25	0	22.47	PASS
	MCH	1	0	24.13	PASS
		1	12	24.15	PASS
		1	24	24.07	PASS
		12	0	23.19	PASS
		12	6	23.18	PASS
		12	13	23.2	PASS
		25	0	23.13	PASS
	HCH	1	0	23.92	PASS
		1	12	23.67	PASS
		1	24	23.6	PASS
		12	0	22.84	PASS
		12	6	22.74	PASS
		12	13	22.63	PASS
		25	0	22.68	PASS
16QAM	LCH	1	0	22.65	PASS
		1	12	22.72	PASS
		1	24	22.72	PASS

		12	0	21.55	PASS
		12	6	21.6	PASS
		12	13	21.64	PASS
		25	0	21.47	PASS
MCH	MCH	1	0	23.32	PASS
		1	12	23.36	PASS
		1	24	23.29	PASS
		12	0	22.32	PASS
		12	6	22.31	PASS
		12	13	22.33	PASS
		25	0	22.19	PASS
HCH	HCH	1	0	22.98	PASS
		1	12	22.91	PASS
		1	24	22.53	PASS
		12	0	21.81	PASS
		12	6	21.69	PASS
		12	13	21.61	PASS
		25	0	21.7	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.3	PASS
		1	24	23.46	PASS
		1	49	23.67	PASS
		25	0	22.52	PASS
		25	12	22.59	PASS
		25	25	22.65	PASS
		50	0	22.59	PASS
	MCH	1	0	24.1	PASS
		1	24	24.04	PASS
		1	49	24.01	PASS
		25	0	23.14	PASS
		25	12	23.14	PASS
		25	25	23.16	PASS
		50	0	23.16	PASS
	HCH	1	0	23.96	PASS
		1	24	23.66	PASS
		1	49	23.4	PASS
		25	0	22.91	PASS
		25	12	22.82	PASS
		25	25	22.69	PASS

		50	0	22.81	PASS
16QAM	LCH	1	0	22.62	PASS
		1	24	22.71	PASS
		1	49	22.81	PASS
		25	0	21.52	PASS
		25	12	21.6	PASS
		25	25	21.63	PASS
		50	0	21.62	PASS
	MCH	1	0	23.43	PASS
		1	24	23.41	PASS
		1	49	23.37	PASS
		25	0	22.19	PASS
		25	12	22.2	PASS
		25	25	22.2	PASS
		50	0	22.24	PASS
	HCH	1	0	23.04	PASS
		1	24	22.87	PASS
		1	49	22.52	PASS
		25	0	21.88	PASS
		25	12	21.79	PASS
		25	25	21.68	PASS
		50	0	21.83	PASS

Channel Bandwidth: 15 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.36	PASS
		1	37	23.59	PASS
		1	74	23.9	PASS
		37	0	22.68	PASS
		37	18	22.82	PASS
		37	38	23.01	PASS
		75	0	22.85	PASS
	MCH	1	0	24.17	PASS
		1	37	24.1	PASS
		1	74	24.09	PASS
		37	0	23.26	PASS
		37	18	23.25	PASS
		37	38	23.25	PASS
		75	0	23.13	PASS
	HCH	1	0	24.1	PASS
		1	37	23.73	PASS

		1	74	23.5	PASS
		37	0	23.25	PASS
		37	18	23.11	PASS
		37	38	22.94	PASS
		75	0	23.07	PASS
16QAM	LCH	1	0	22.65	PASS
		1	37	22.81	PASS
		1	74	23	PASS
		37	0	21.65	PASS
		37	18	21.75	PASS
		37	38	21.89	PASS
		75	0	21.79	PASS
	MCH	1	0	23.31	PASS
		1	37	23.37	PASS
		1	74	23.27	PASS
		37	0	22.23	PASS
		37	18	22.26	PASS
		37	38	22.26	PASS
		75	0	22.25	PASS
	HCH	1	0	23.12	PASS
		1	37	22.92	PASS
		1	74	22.56	PASS
		37	0	22.09	PASS
		37	18	21.97	PASS
		37	38	21.85	PASS
		75	0	21.98	PASS

Channel Bandwidth: 20 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	24.17	PASS
		1	49	23.89	PASS
		1	99	23.52	PASS
		50	0	22.69	PASS
		50	25	22.79	PASS
		50	50	22.91	PASS
		100	0	22.81	PASS
	MCH	1	0	24.31	PASS
		1	49	24.15	PASS
		1	99	24.21	PASS
		50	0	23.38	PASS
		50	25	23.17	PASS

	HCH	50	50	23.19	PASS
		100	0	23.19	PASS
		1	0	24.02	PASS
		1	49	23.76	PASS
		1	99	23.38	PASS
		50	0	23.07	PASS
		50	25	22.94	PASS
		50	50	22.85	PASS
16QAM	LCH	100	0	22.97	PASS
		1	0	22.71	PASS
		1	49	22.92	PASS
		1	99	23.19	PASS
		50	0	21.66	PASS
		50	25	21.72	PASS
		50	50	21.83	PASS
	MCH	100	0	21.77	PASS
		1	0	23.41	PASS
		1	49	23.45	PASS
		1	99	23.41	PASS
		50	0	22.27	PASS
		50	25	22.24	PASS
		50	50	22.26	PASS
	HCH	100	0	22.2	PASS
		1	0	23.18	PASS
		1	49	22.97	PASS
		1	99	22.59	PASS
		50	0	22.04	PASS
		50	25	21.92	PASS
		50	50	21.82	PASS
		100	0	21.95	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	3.86	<13	PASS
		1	3	3.82	<13	PASS
		1	5	3.6	<13	PASS
		3	0	4.41	<13	PASS
		3	2	4.49	<13	PASS
		3	3	4.41	<13	PASS
		6	0	5.3	<13	PASS
	MCH	1	0	3.51	<13	PASS
		1	3	3.43	<13	PASS
		1	5	3.44	<13	PASS
		3	0	3.76	<13	PASS
		3	2	3.81	<13	PASS
		3	3	3.78	<13	PASS
		6	0	4.79	<13	PASS
16QAM	LCH	1	0	2.43	<13	PASS
		1	3	2.36	<13	PASS
		1	5	2.2	<13	PASS
		3	0	2.76	<13	PASS
		3	2	2.63	<13	PASS
		3	3	2.57	<13	PASS
		6	0	3.7	<13	PASS
	MCH	1	0	4.76	<13	PASS
		1	3	4.77	<13	PASS
		1	5	4.66	<13	PASS
		3	0	5.39	<13	PASS
		3	2	5.3	<13	PASS
		3	3	5.33	<13	PASS
		6	0	6.24	<13	PASS

		3	2	4.71	<13	PASS
		3	3	4.59	<13	PASS
		6	0	5.6	<13	PASS
HCH		1	0	3.48	<13	PASS
		1	3	3.42	<13	PASS
		1	5	3.33	<13	PASS
		3	0	3.88	<13	PASS
		3	2	3.76	<13	PASS
		3	3	3.72	<13	PASS
		6	0	4.7	<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	3.93	<13	PASS
		1	7	3.88	<13	PASS
		1	14	3.7	<13	PASS
		8	0	5.27	<13	PASS
		8	4	5.23	<13	PASS
		8	7	5.14	<13	PASS
		15	0	5.27	<13	PASS
	MCH	1	0	3.27	<13	PASS
		1	7	3.32	<13	PASS
		1	14	3.3	<13	PASS
		8	0	4.7	<13	PASS
		8	4	4.81	<13	PASS
		8	7	4.81	<13	PASS
		15	0	4.89	<13	PASS
	HCH	1	0	2.68	<13	PASS
		1	7	2.68	<13	PASS
		1	14	2.32	<13	PASS
		8	0	3.92	<13	PASS
		8	4	3.89	<13	PASS
		8	7	3.74	<13	PASS
		15	0	3.95	<13	PASS
16QAM	LCH	1	0	4.76	<13	PASS
		1	7	4.62	<13	PASS
		1	14	4.61	<13	PASS
		8	0	6.02	<13	PASS
		8	4	6.09	<13	PASS

		8	7	5.97	<13	PASS
		15	0	6.28	<13	PASS
MCH		1	0	4.19	<13	PASS
		1	7	4.31	<13	PASS
		1	14	4.3	<13	PASS
		8	0	5.56	<13	PASS
		8	4	5.59	<13	PASS
		8	7	5.58	<13	PASS
		15	0	5.72	<13	PASS
HCH		1	0	3.5	<13	PASS
		1	7	3.56	<13	PASS
		1	14	3.33	<13	PASS
		8	0	4.87	<13	PASS
		8	4	4.85	<13	PASS
		8	7	4.74	<13	PASS
		15	0	4.88	<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	3.99	<13	PASS
		1	12	3.74	<13	PASS
		1	24	3.45	<13	PASS
		12	0	5.29	<13	PASS
		12	6	5.17	<13	PASS
		12	13	5.04	<13	PASS
		25	0	5.25	<13	PASS
	MCH	1	0	3.13	<13	PASS
		1	12	3.45	<13	PASS
		1	24	3.42	<13	PASS
		12	0	4.68	<13	PASS
		12	6	4.79	<13	PASS
		12	13	4.79	<13	PASS
		25	0	4.88	<13	PASS
	HCH	1	0	2.61	<13	PASS
		1	12	2.8	<13	PASS
		1	24	2.33	<13	PASS
		12	0	3.91	<13	PASS
		12	6	3.97	<13	PASS
		12	13	3.91	<13	PASS

		25	0	4.04	<13	PASS
16QAM	LCH	1	0	4.8	<13	PASS
		1	12	4.74	<13	PASS
		1	24	4.34	<13	PASS
		12	0	6.14	<13	PASS
		12	6	6.11	<13	PASS
		12	13	5.86	<13	PASS
		25	0	6.01	<13	PASS
	MCH	1	0	4.04	<13	PASS
		1	12	4.3	<13	PASS
		1	24	4.36	<13	PASS
		12	0	5.6	<13	PASS
		12	6	5.65	<13	PASS
		12	13	5.66	<13	PASS
		25	0	5.73	<13	PASS
	HCH	1	0	3.28	<13	PASS
		1	12	3.48	<13	PASS
		1	24	3.12	<13	PASS
		12	0	4.8	<13	PASS
		12	6	4.87	<13	PASS
		12	13	4.81	<13	PASS
		25	0	4.94	<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	4.01	<13	PASS
		1	24	3.54	<13	PASS
		1	49	2.65	<13	PASS
		25	0	5.17	<13	PASS
		25	12	4.88	<13	PASS
		25	25	4.43	<13	PASS
		50	0	4.87	<13	PASS
	MCH	1	0	3.11	<13	PASS
		1	24	3.32	<13	PASS
		1	49	3.28	<13	PASS
		25	0	4.73	<13	PASS
		25	12	4.83	<13	PASS
		25	25	4.93	<13	PASS
		50	0	4.9	<13	PASS

		1	0	2.51	<13	PASS
	HCH	1	24	2.99	<13	PASS
		1	49	2.75	<13	PASS
		25	0	3.71	<13	PASS
		25	12	3.91	<13	PASS
		25	25	4.04	<13	PASS
		50	0	4.03	<13	PASS
		1	0	4.63	<13	PASS
	LCH	1	24	4.36	<13	PASS
		1	49	3.68	<13	PASS
		25	0	6.01	<13	PASS
		25	12	5.71	<13	PASS
		25	25	5.35	<13	PASS
		50	0	5.71	<13	PASS
		1	0	4.12	<13	PASS
	MCH	1	24	4.17	<13	PASS
		1	49	4.31	<13	PASS
		25	0	5.63	<13	PASS
		25	12	5.73	<13	PASS
		25	25	5.79	<13	PASS
		50	0	5.73	<13	PASS
		1	0	3.3	<13	PASS
	HCH	1	24	3.59	<13	PASS
		1	49	3.38	<13	PASS
		25	0	4.67	<13	PASS
		25	12	4.9	<13	PASS
		25	25	5.01	<13	PASS
		50	0	4.93	<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	3.94	<13	PASS
		1	37	2.95	<13	PASS
		1	74	2.26	<13	PASS
		37	0	4.97	<13	PASS
		37	18	4.35	<13	PASS
		37	38	3.73	<13	PASS
		75	0	4.8	<13	PASS
	MCH	1	0	2.79	<13	PASS

	16QAM	HCH	1	37	3.38	<13	PASS
			1	74	3.17	<13	PASS
			37	0	4.53	<13	PASS
			37	18	4.76	<13	PASS
			37	38	4.83	<13	PASS
			75	0	5.05	<13	PASS
		LCH	1	0	2.52	<13	PASS
			1	37	2.64	<13	PASS
			1	74	2.76	<13	PASS
			37	0	3.41	<13	PASS
			37	18	3.59	<13	PASS
			37	38	3.89	<13	PASS
			75	0	4.26	<13	PASS
		MCH	1	0	4.59	<13	PASS
			1	37	4	<13	PASS
			1	74	3.3	<13	PASS
			37	0	5.82	<13	PASS
			37	18	5.3	<13	PASS
			37	38	4.77	<13	PASS
			75	0	5.59	<13	PASS
		HCH	1	0	3.79	<13	PASS
			1	37	4.22	<13	PASS
			1	74	4.05	<13	PASS
			37	0	5.51	<13	PASS
			37	18	5.72	<13	PASS
			37	38	5.78	<13	PASS
			75	0	5.86	<13	PASS

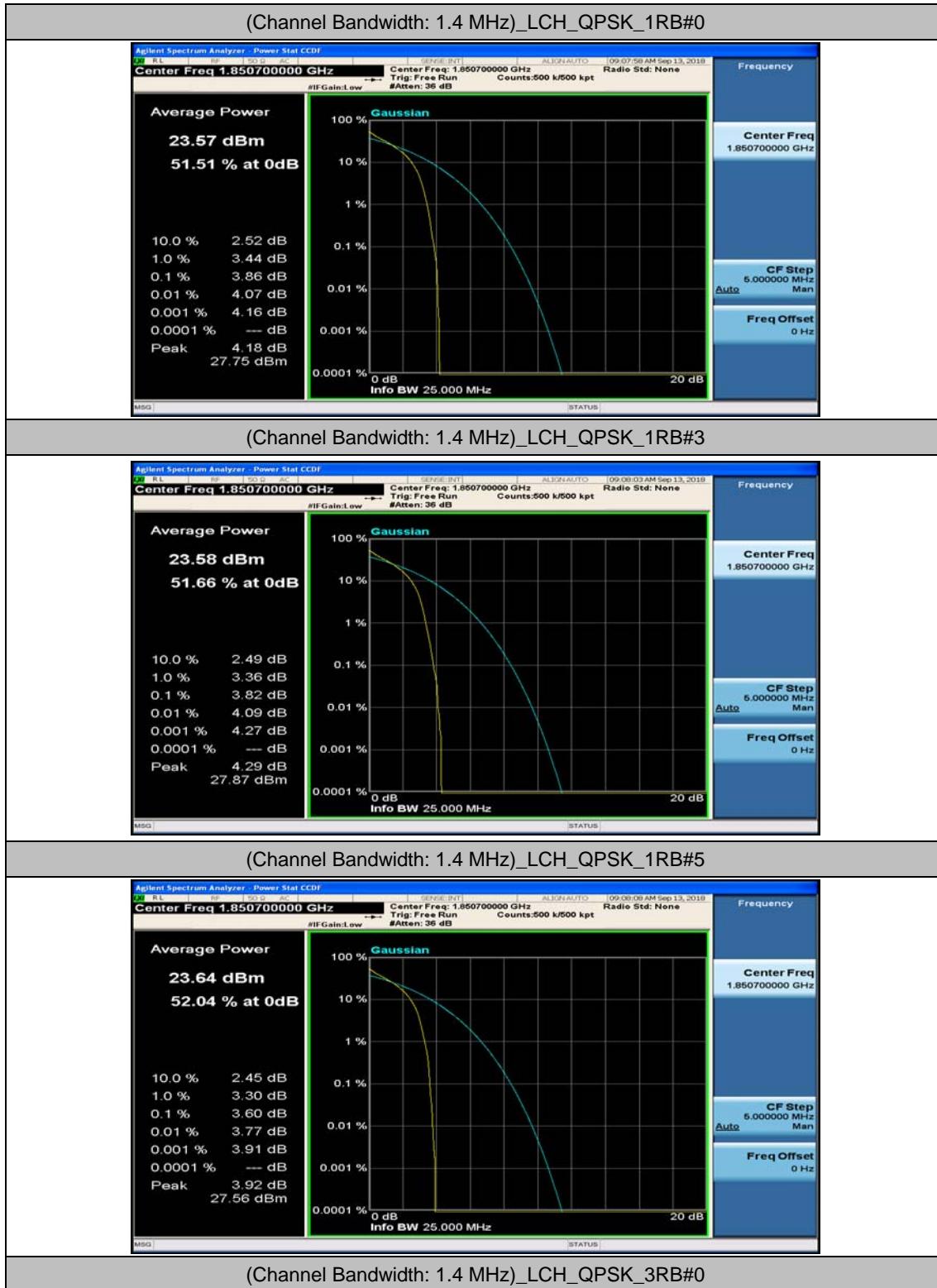
Channel Bandwidth: 20 MHz

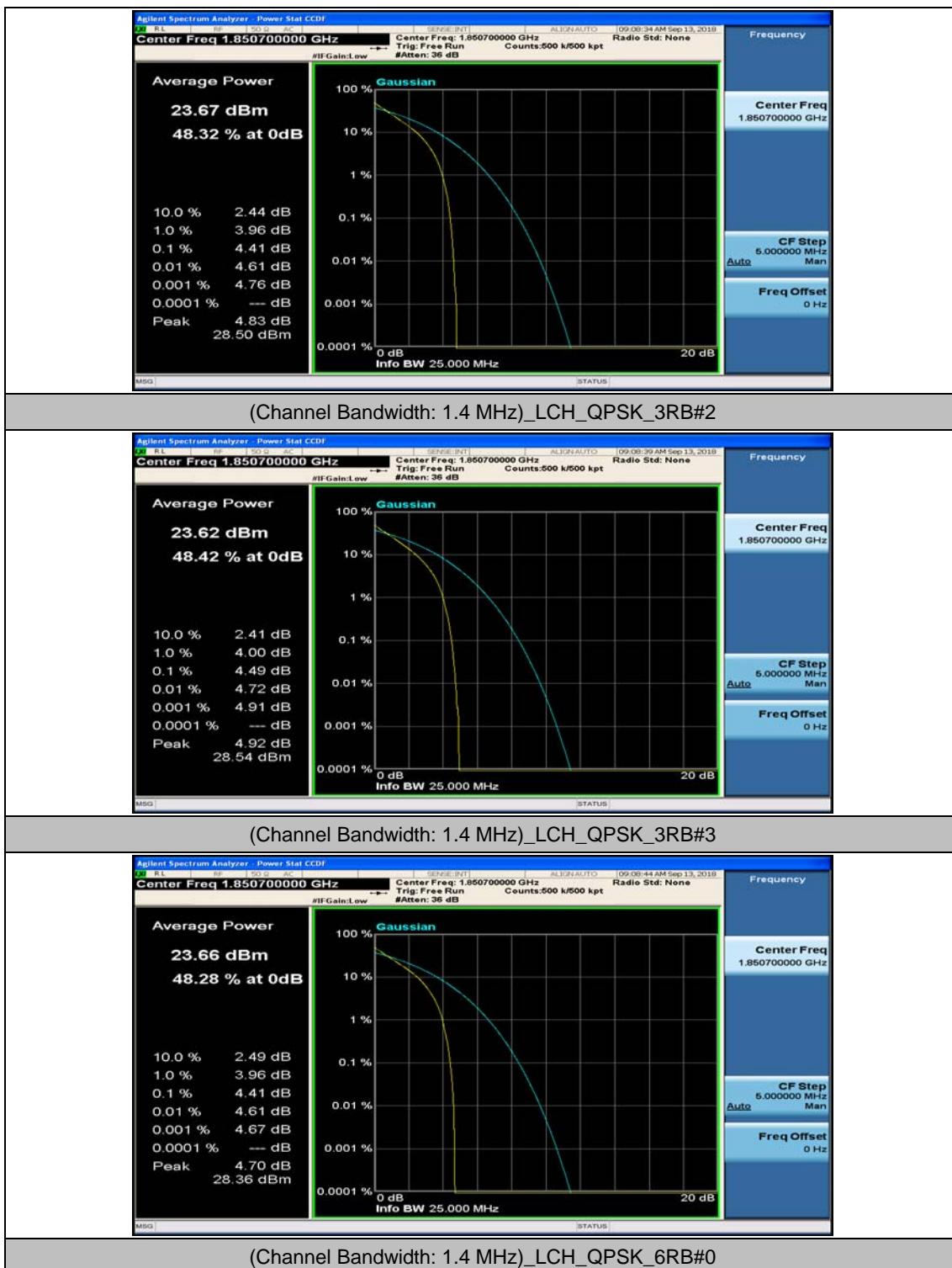
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.9	<13	PASS
		1	49	2.54	<13	PASS

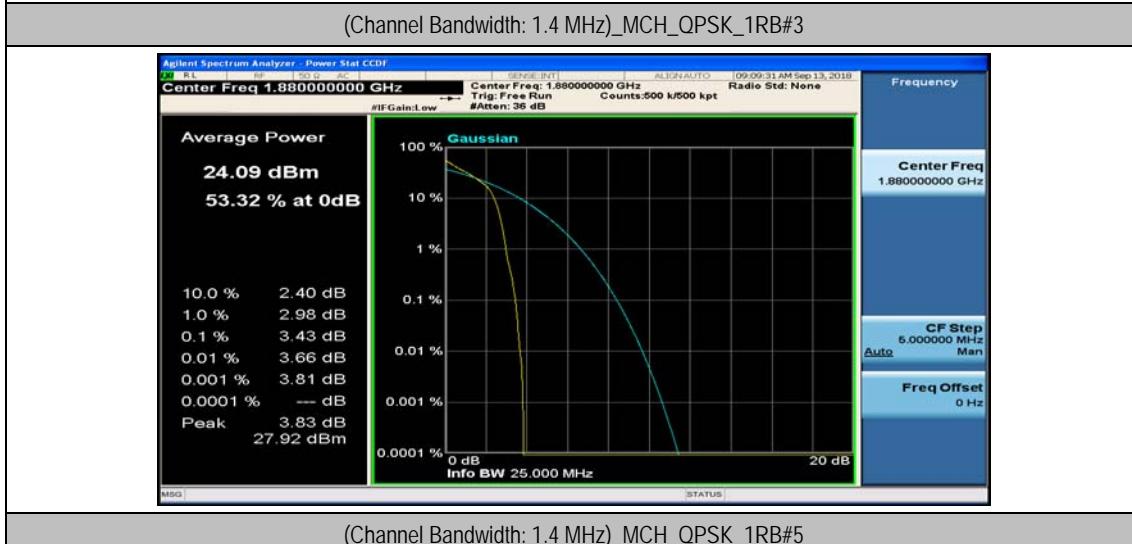
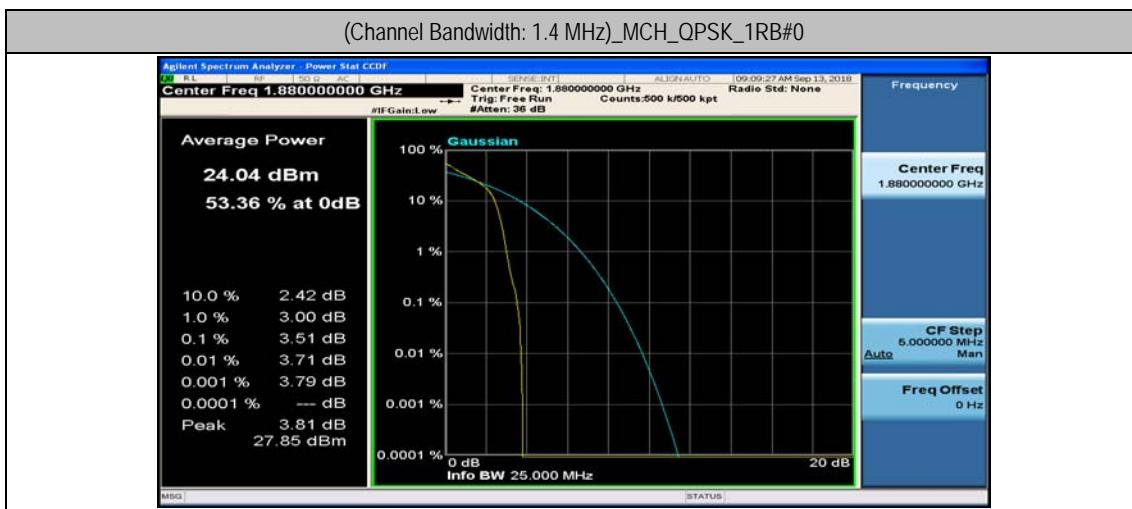
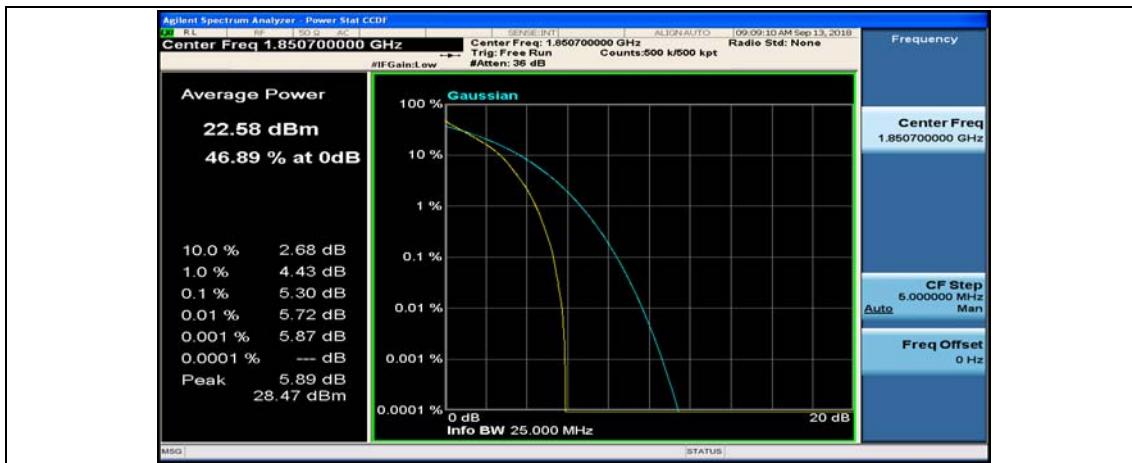
		1	99	2.41	<13	PASS
		50	0	4.8	<13	PASS
		50	25	4.12	<13	PASS
		50	50	3.87	<13	PASS
		100	0	4.72	<13	PASS
	MCH	1	0	2.63	<13	PASS
		1	49	3.54	<13	PASS
		1	99	3.13	<13	PASS
		50	0	4.58	<13	PASS
		50	25	4.9	<13	PASS
		50	50	4.94	<13	PASS
		100	0	5.09	<13	PASS
	HCH	1	0	2.94	<13	PASS
		1	49	2.56	<13	PASS
		1	99	2.79	<13	PASS
		50	0	4.04	<13	PASS
		50	25	3.75	<13	PASS
		50	50	4.06	<13	PASS
		100	0	4.59	<13	PASS
16QAM	LCH	1	0	4.56	<13	PASS
		1	49	3.53	<13	PASS
		1	99	3.18	<13	PASS
		50	0	5.68	<13	PASS
		50	25	5.04	<13	PASS
		50	50	4.79	<13	PASS
		100	0	5.52	<13	PASS
	MCH	1	0	3.56	<13	PASS
		1	49	4.11	<13	PASS
		1	99	4.19	<13	PASS
		50	0	5.43	<13	PASS
		50	25	5.74	<13	PASS
		50	50	5.78	<13	PASS
		100	0	5.89	<13	PASS
	HCH	1	0	3.85	<13	PASS
		1	49	3.27	<13	PASS
		1	99	3.46	<13	PASS
		50	0	4.93	<13	PASS
		50	25	4.71	<13	PASS
		50	50	4.98	<13	PASS
		100	0	5.39	<13	PASS

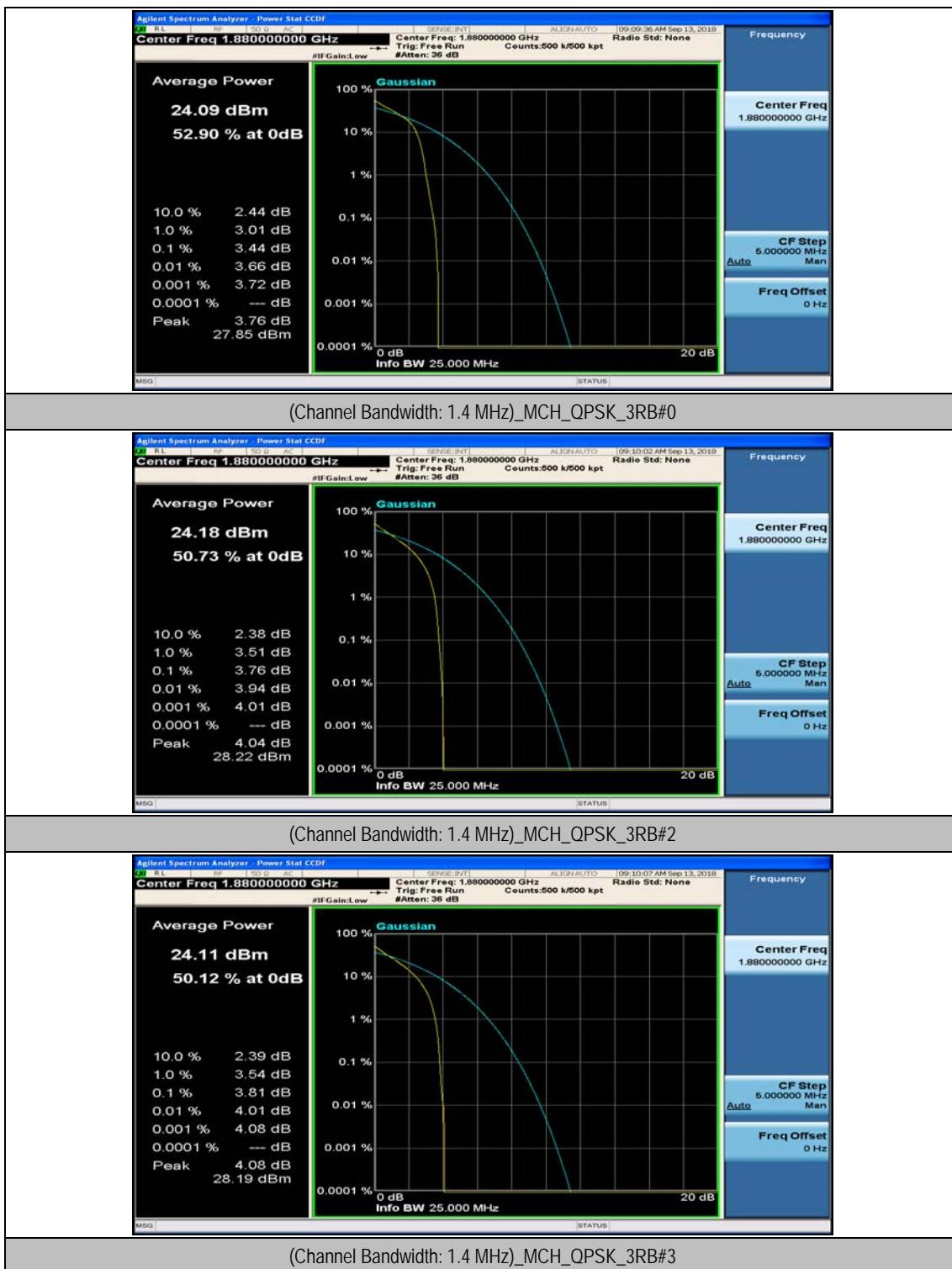
Test Graphs

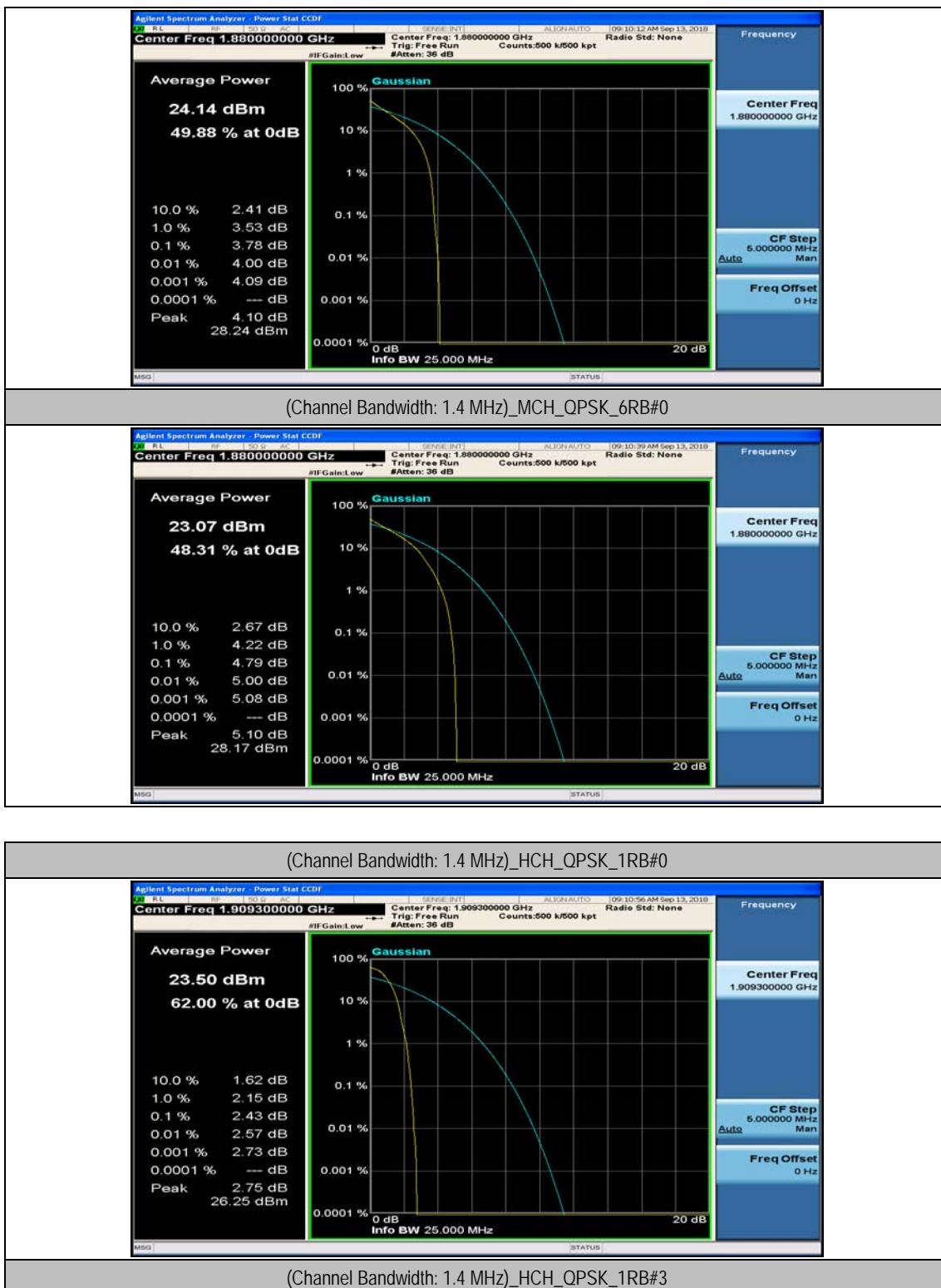
Channel Bandwidth: 1.4 MHz

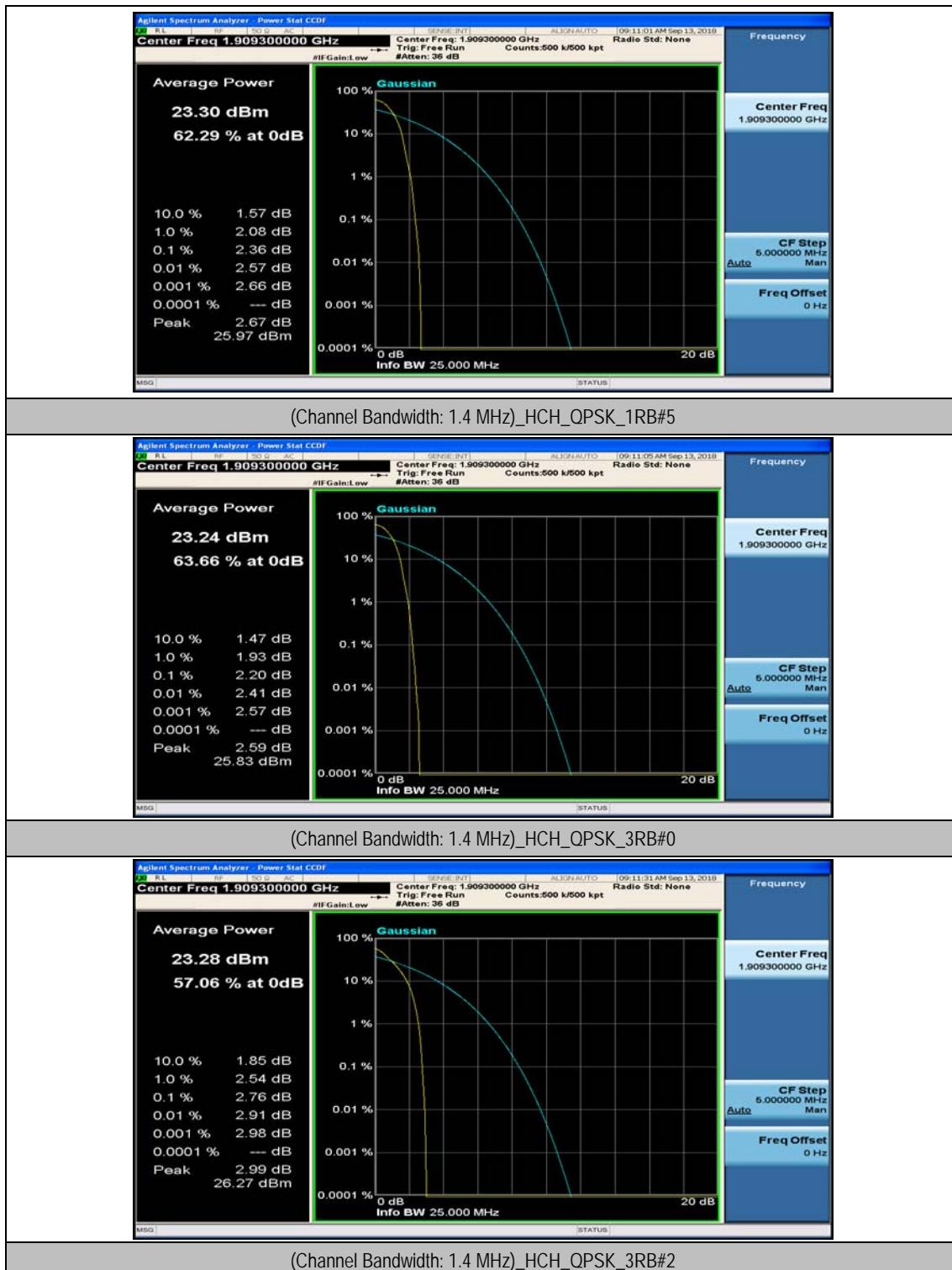


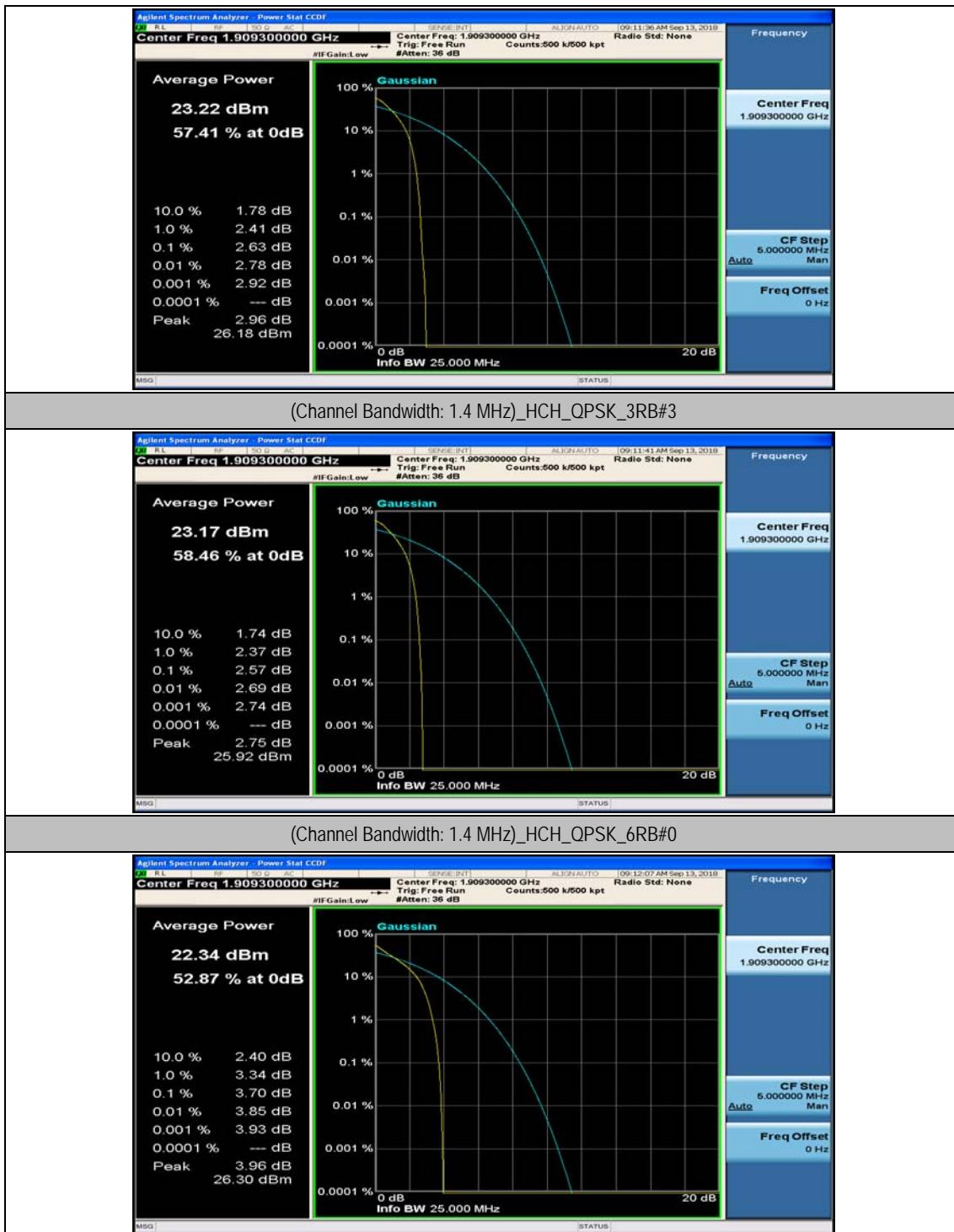


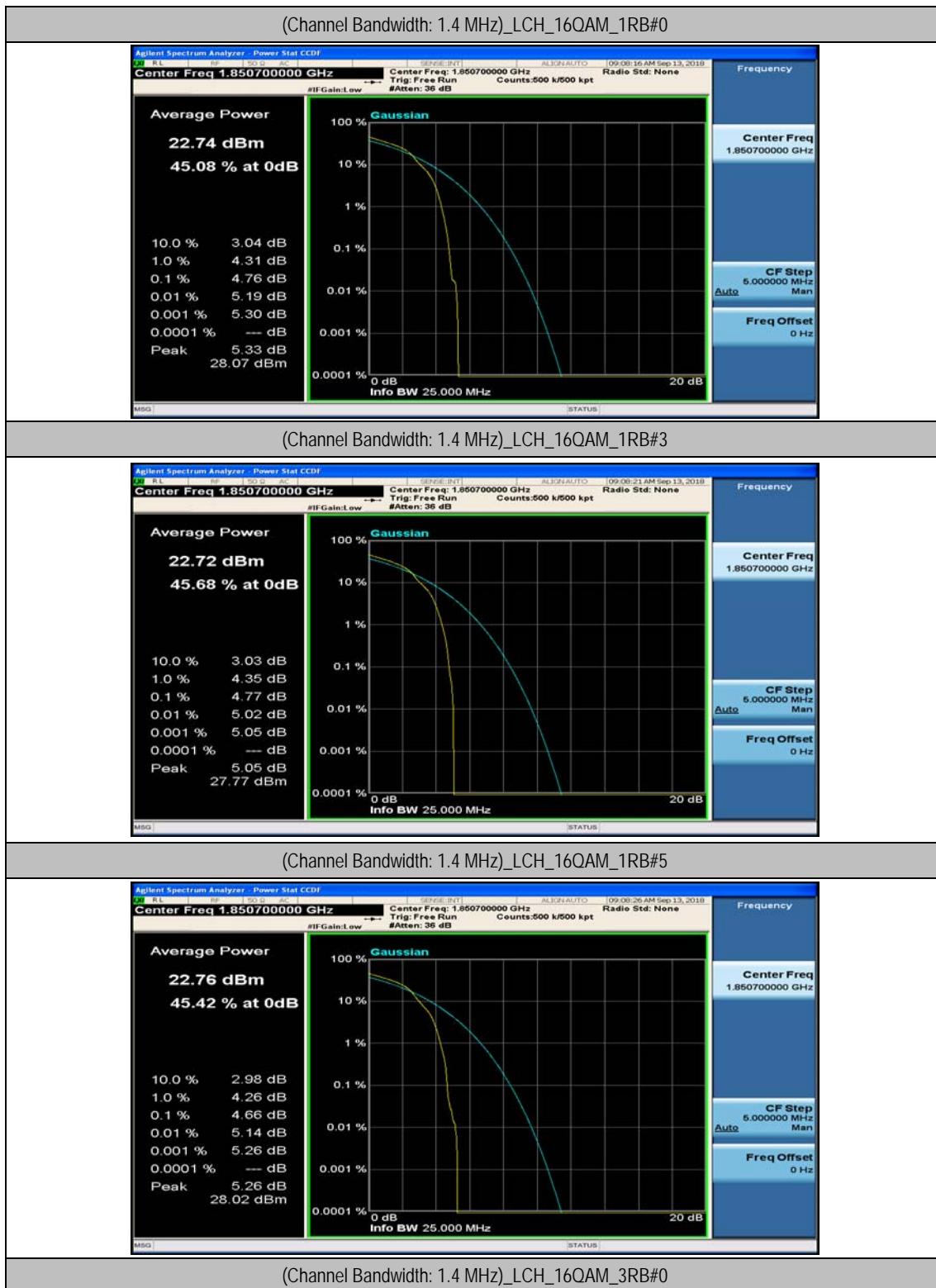


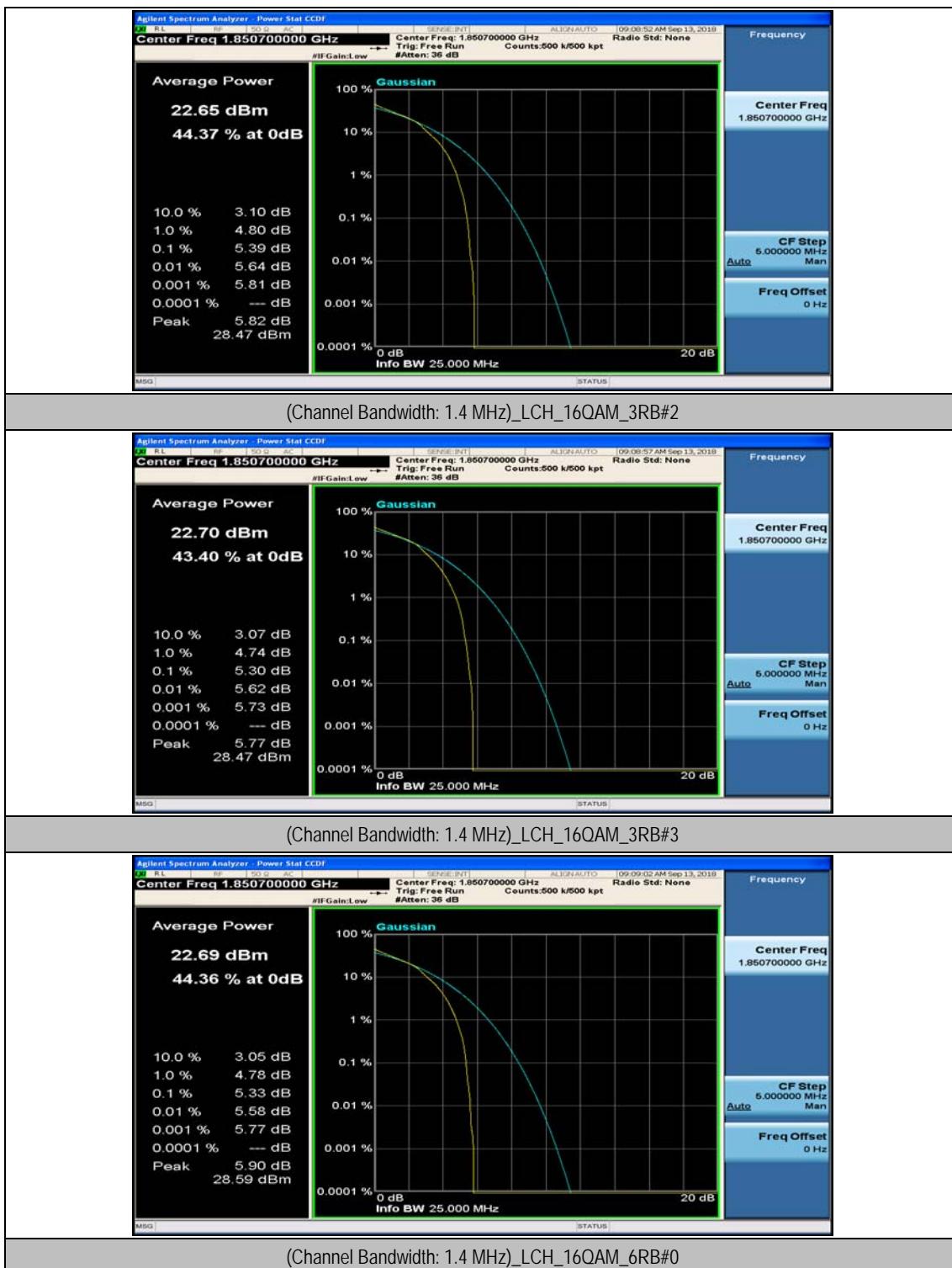


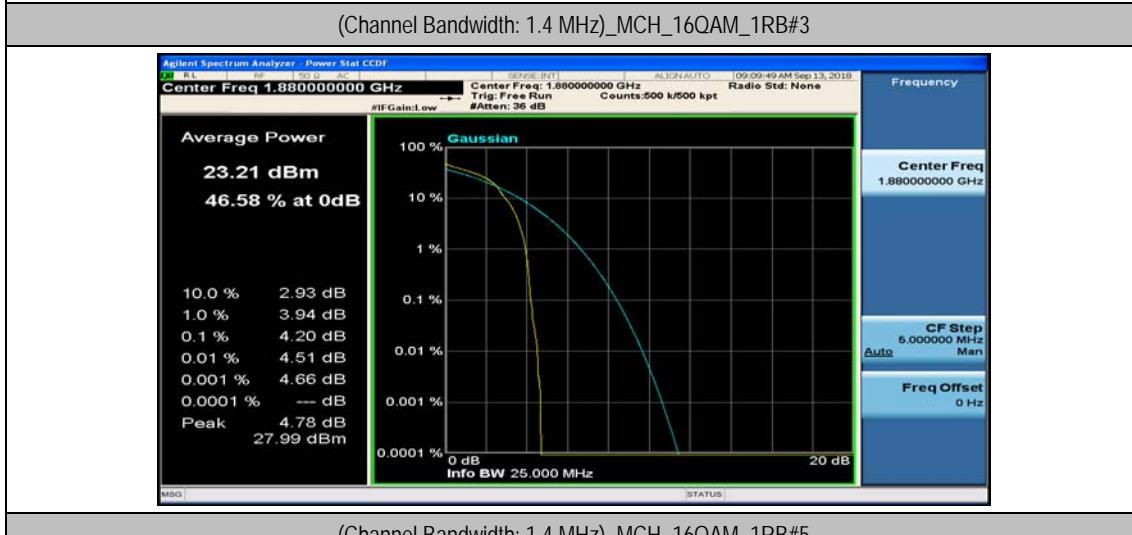
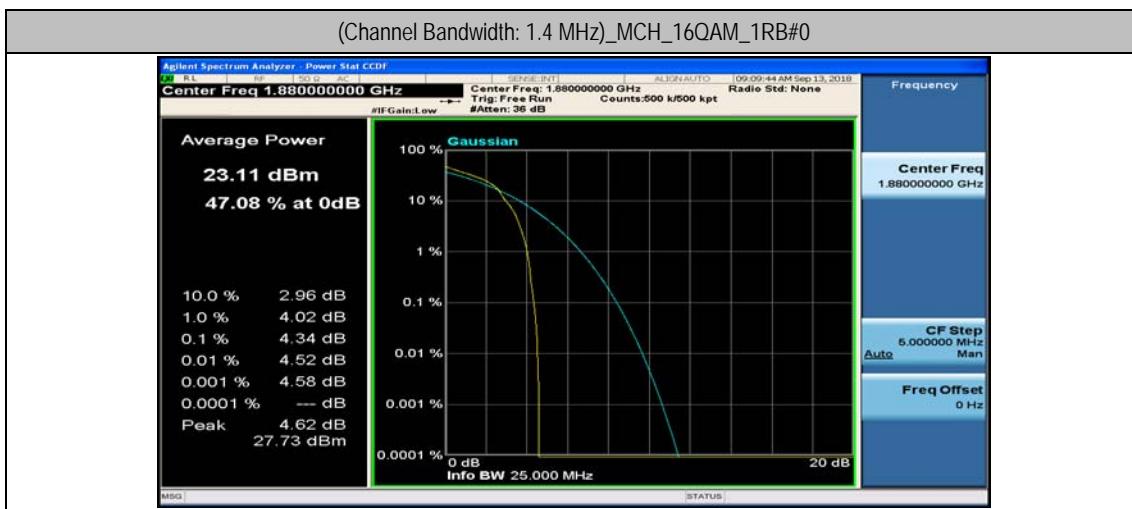
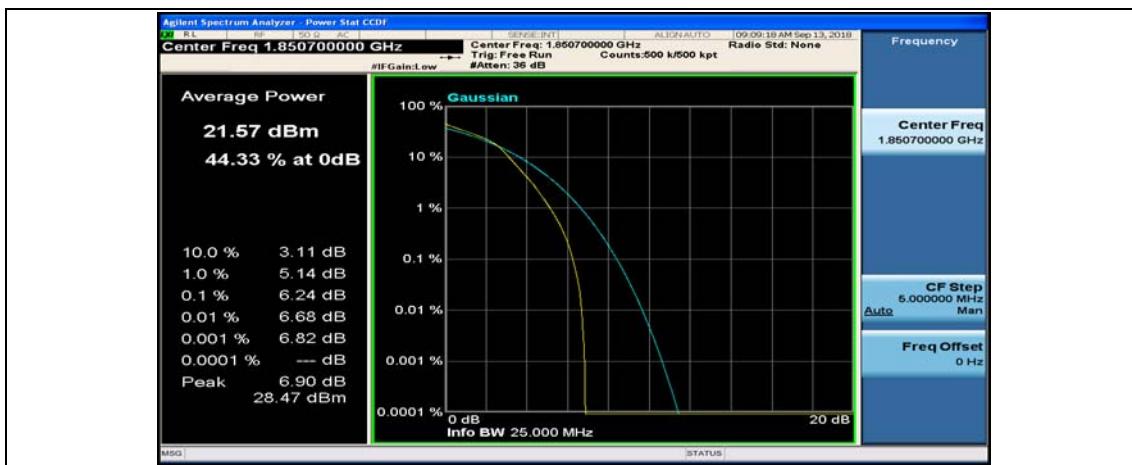


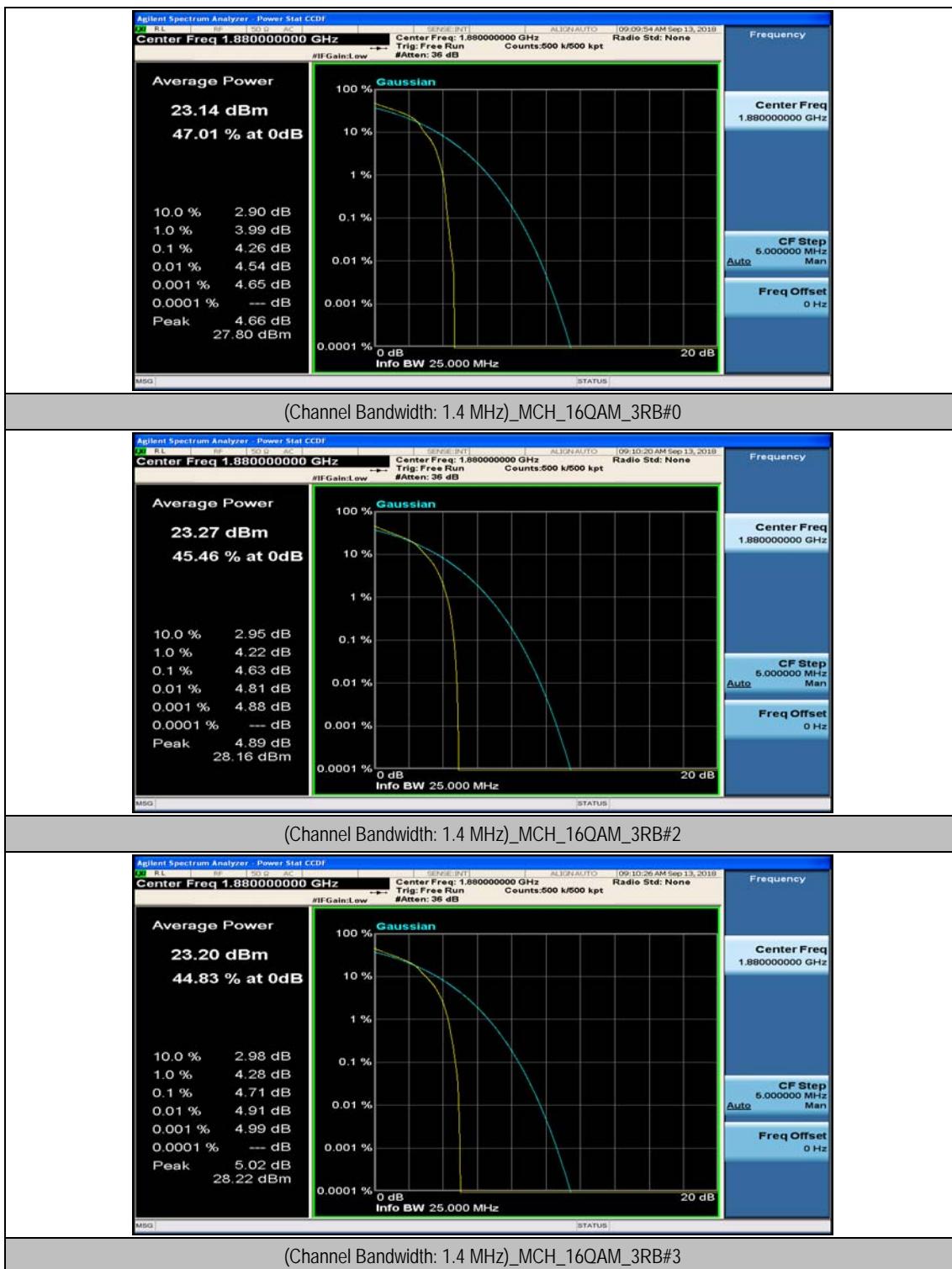


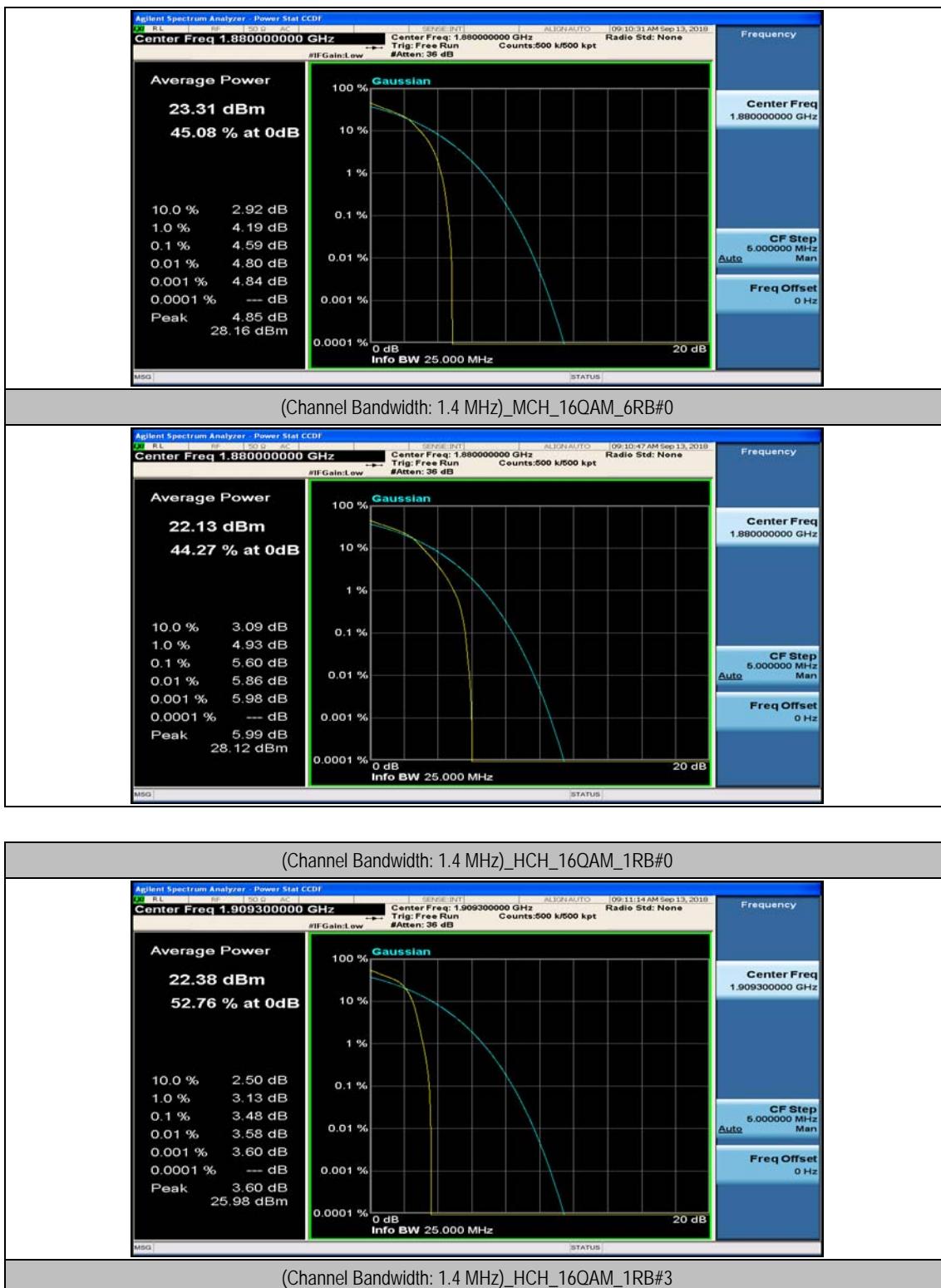


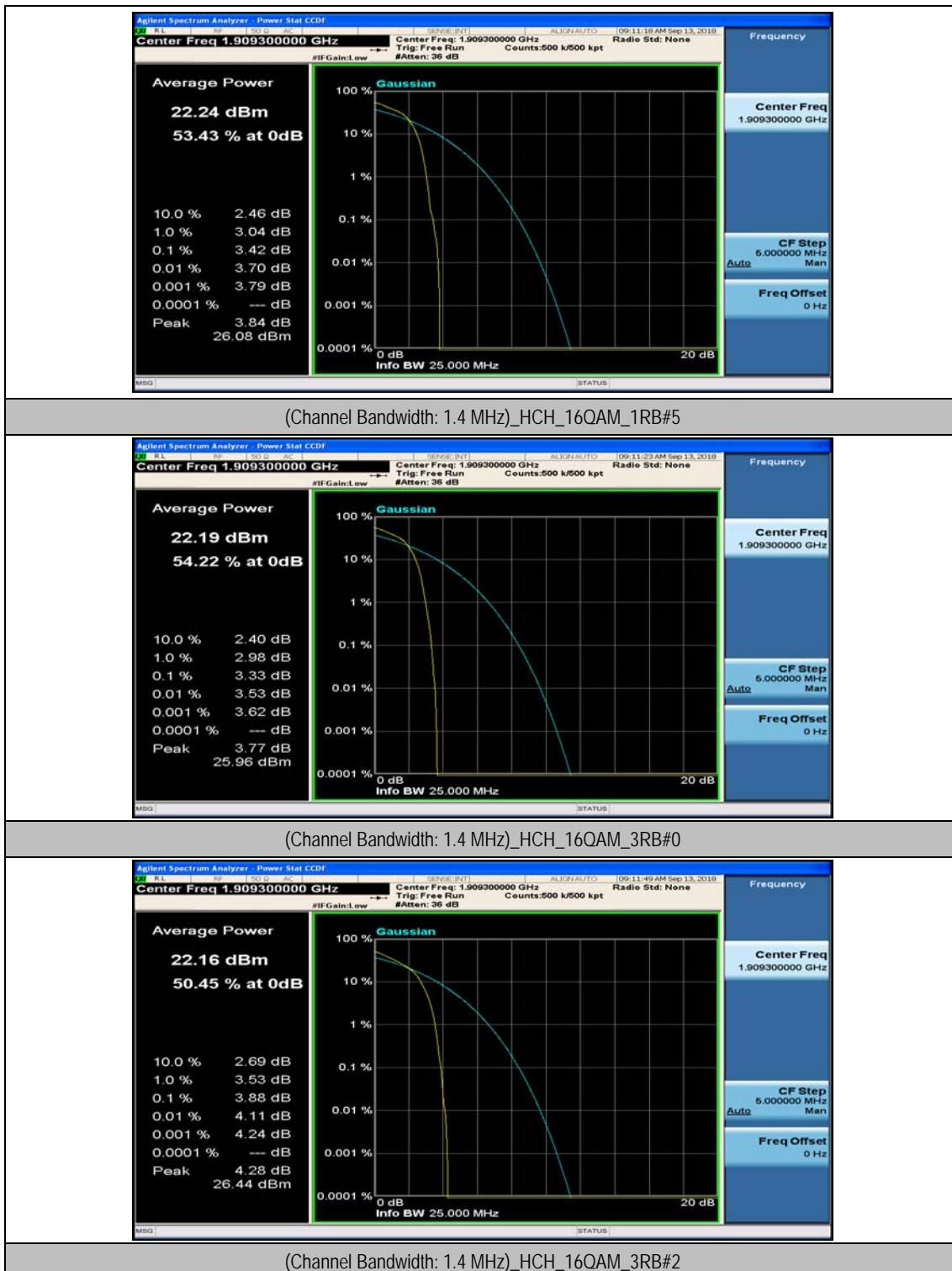


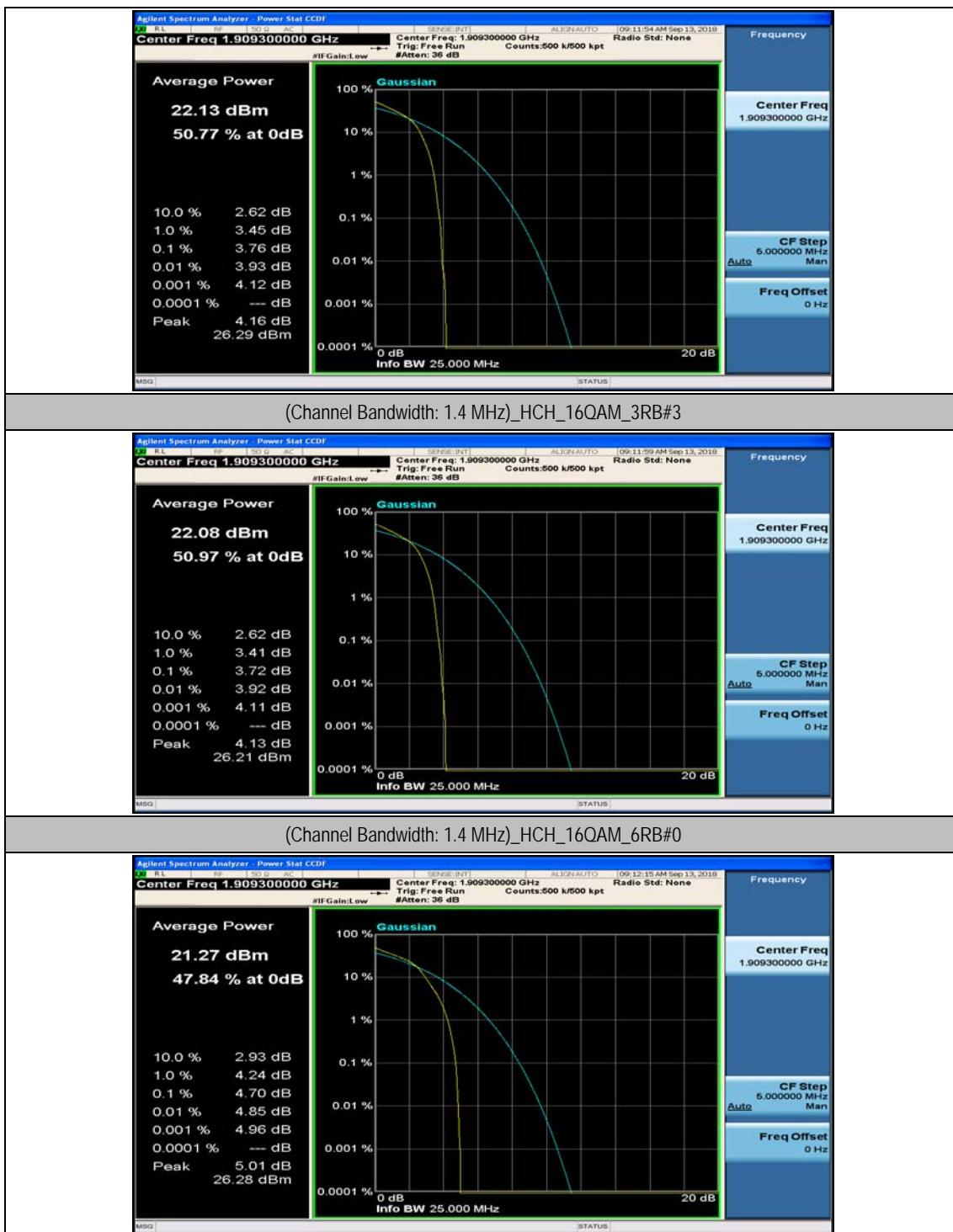




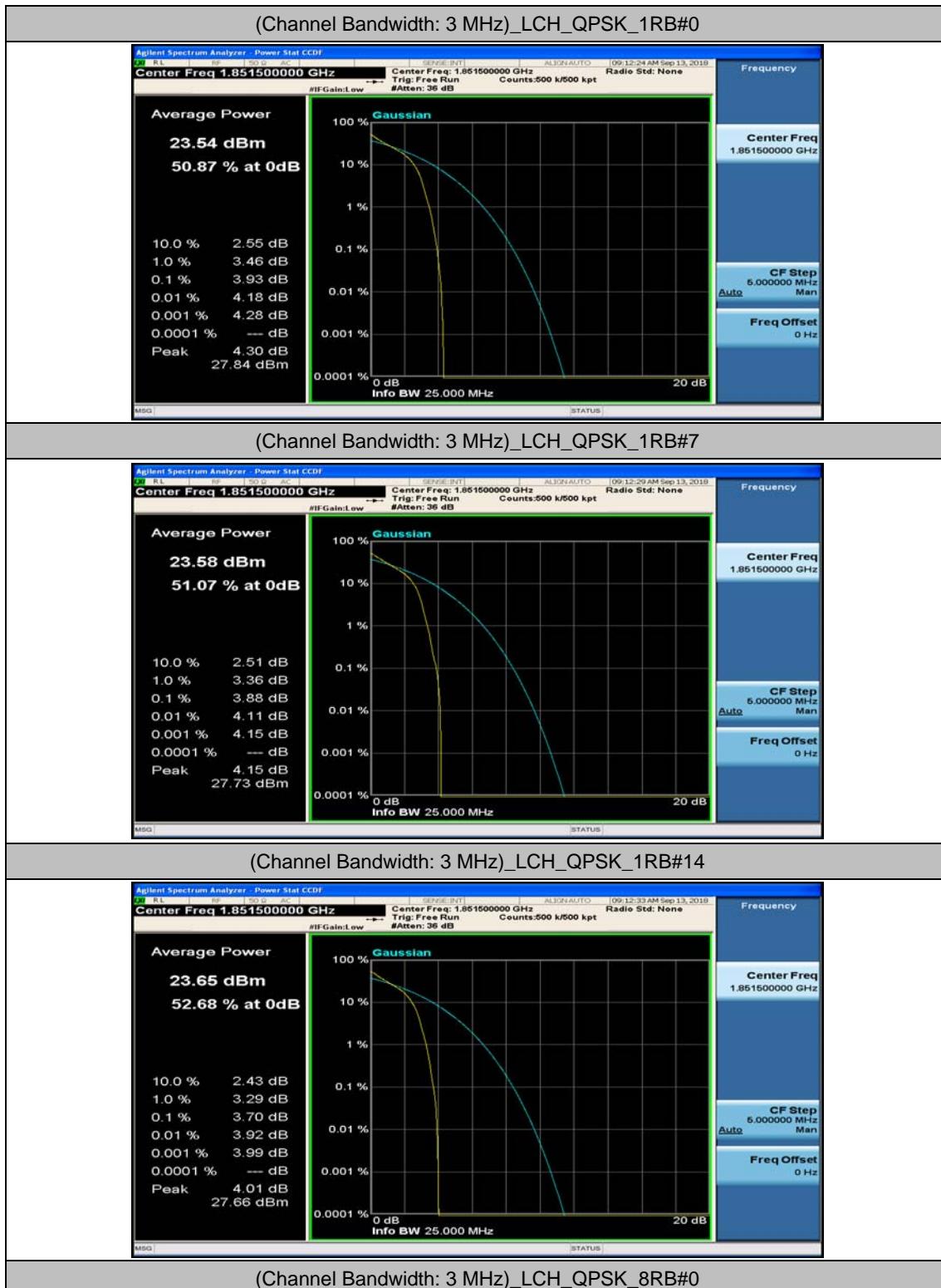


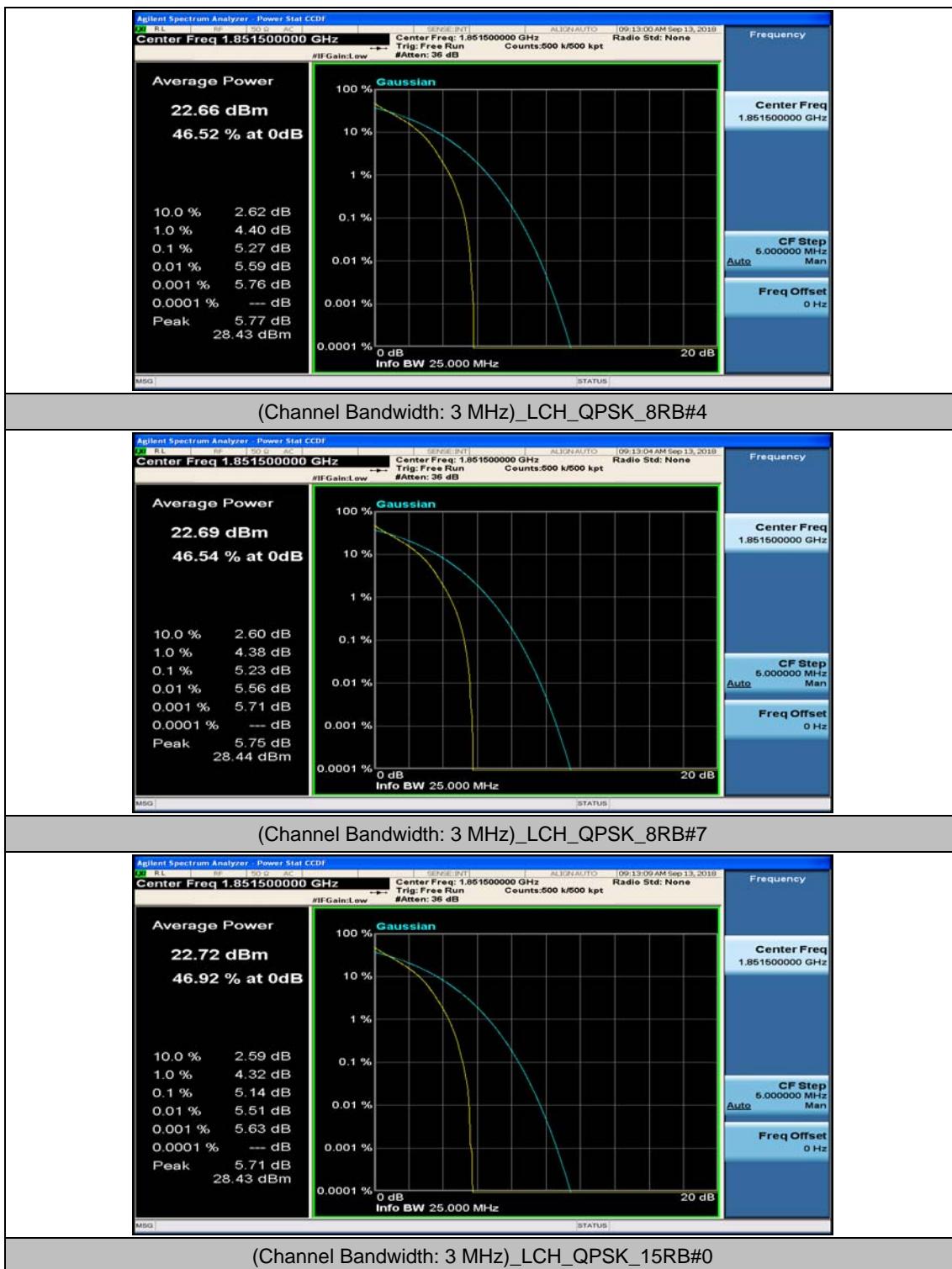


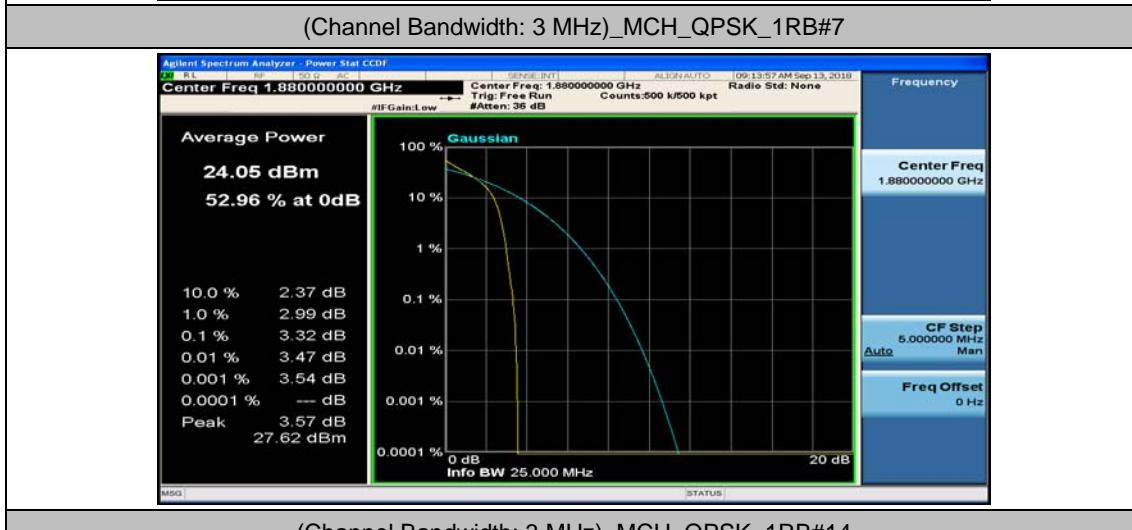
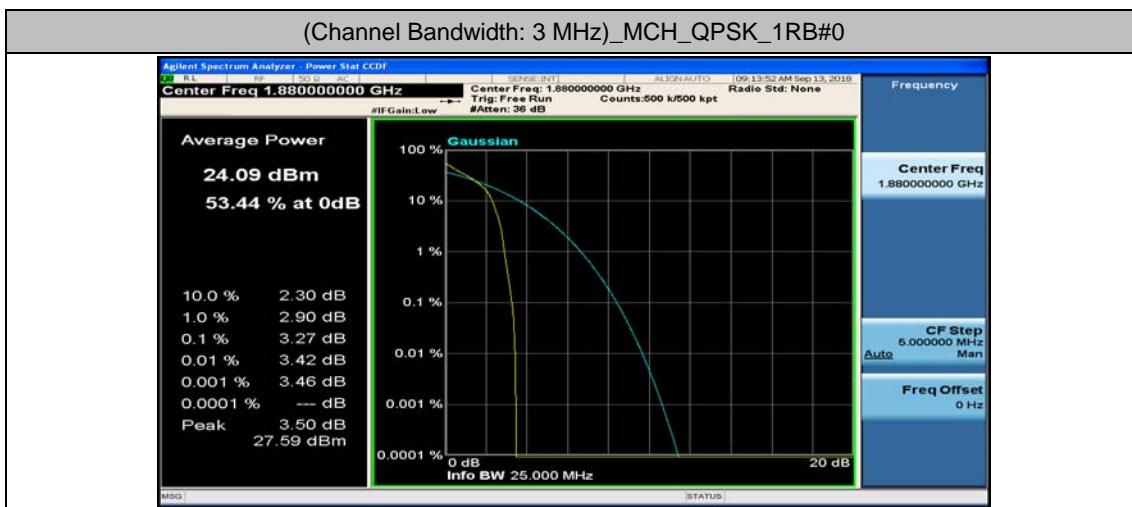
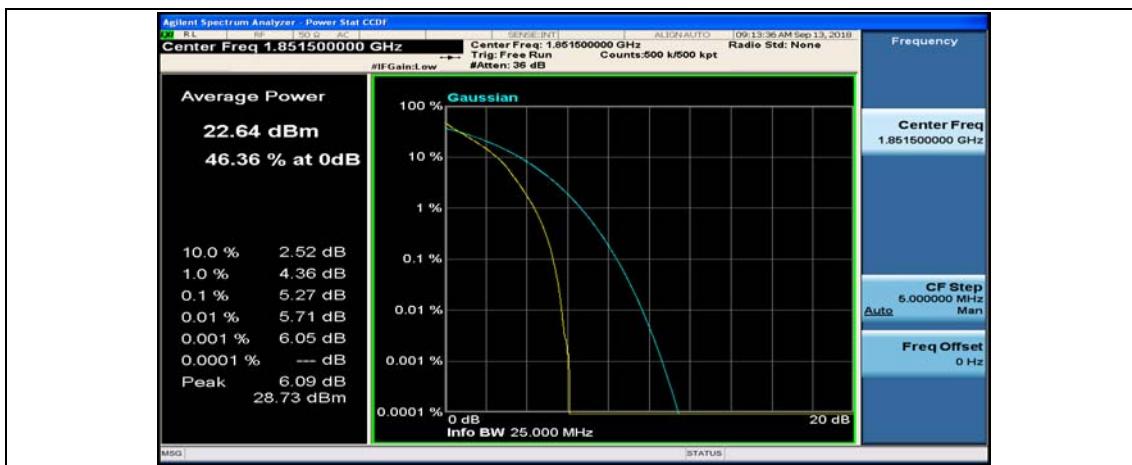




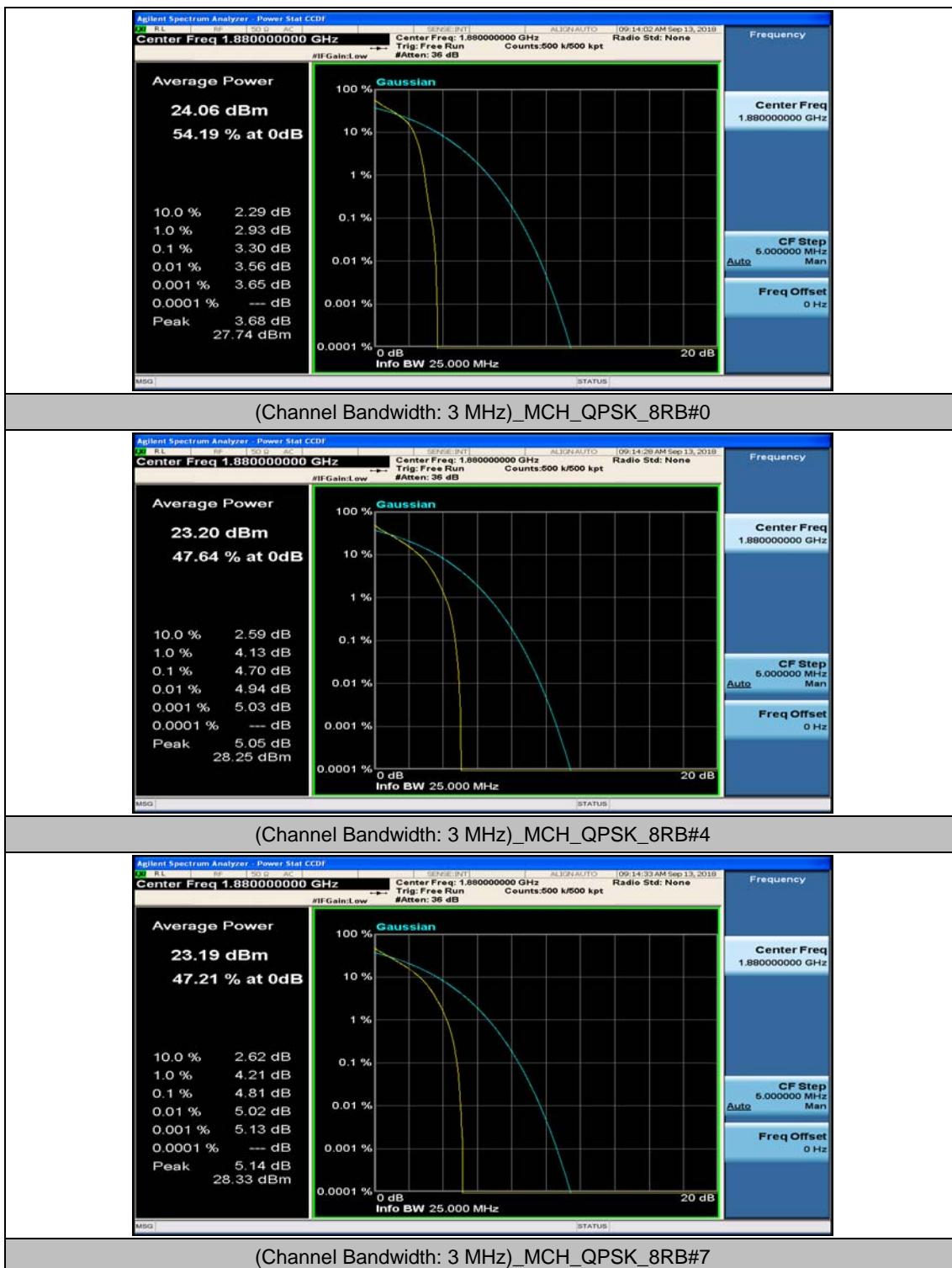
Channel Bandwidth: 3 MHz

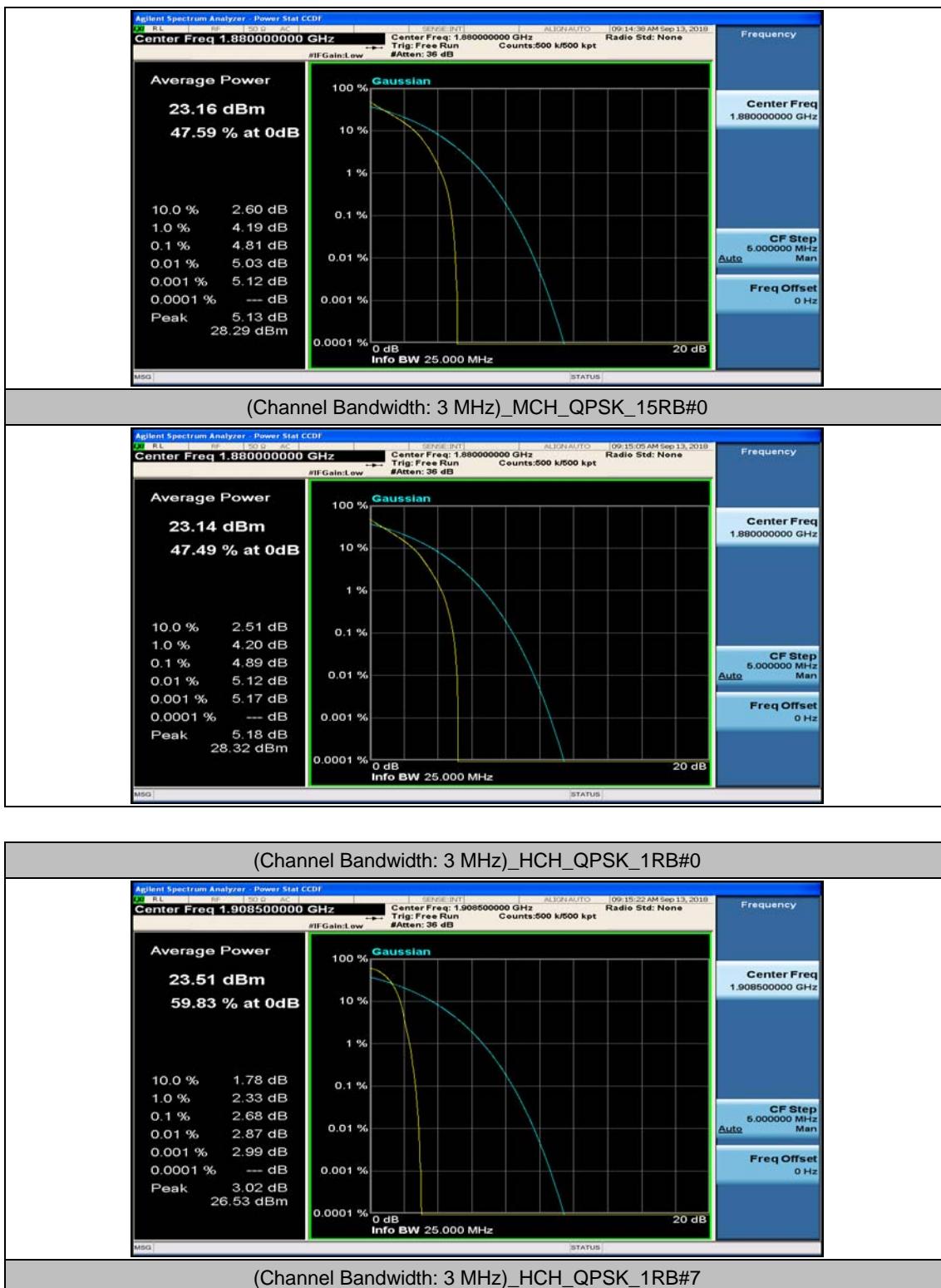


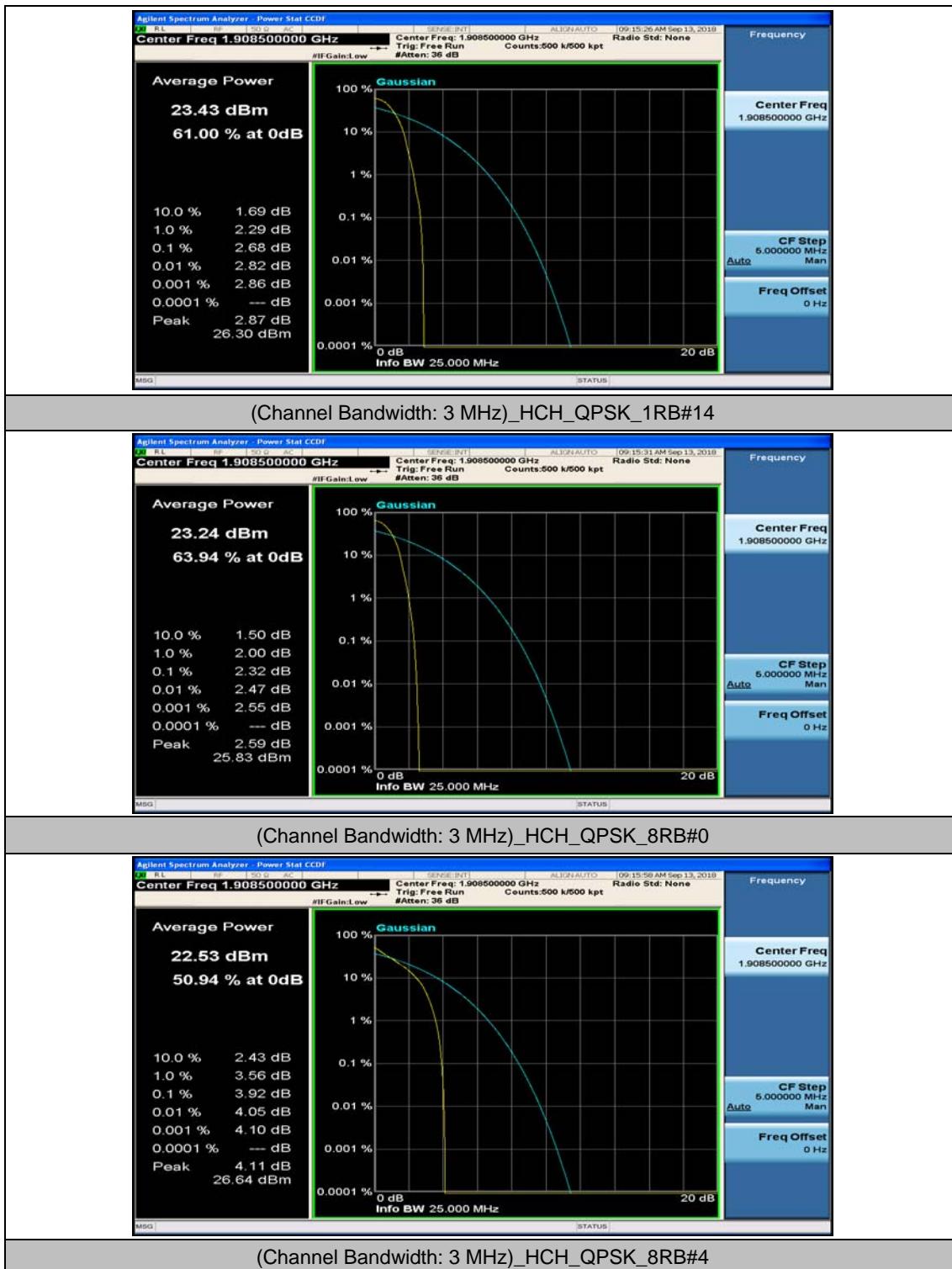


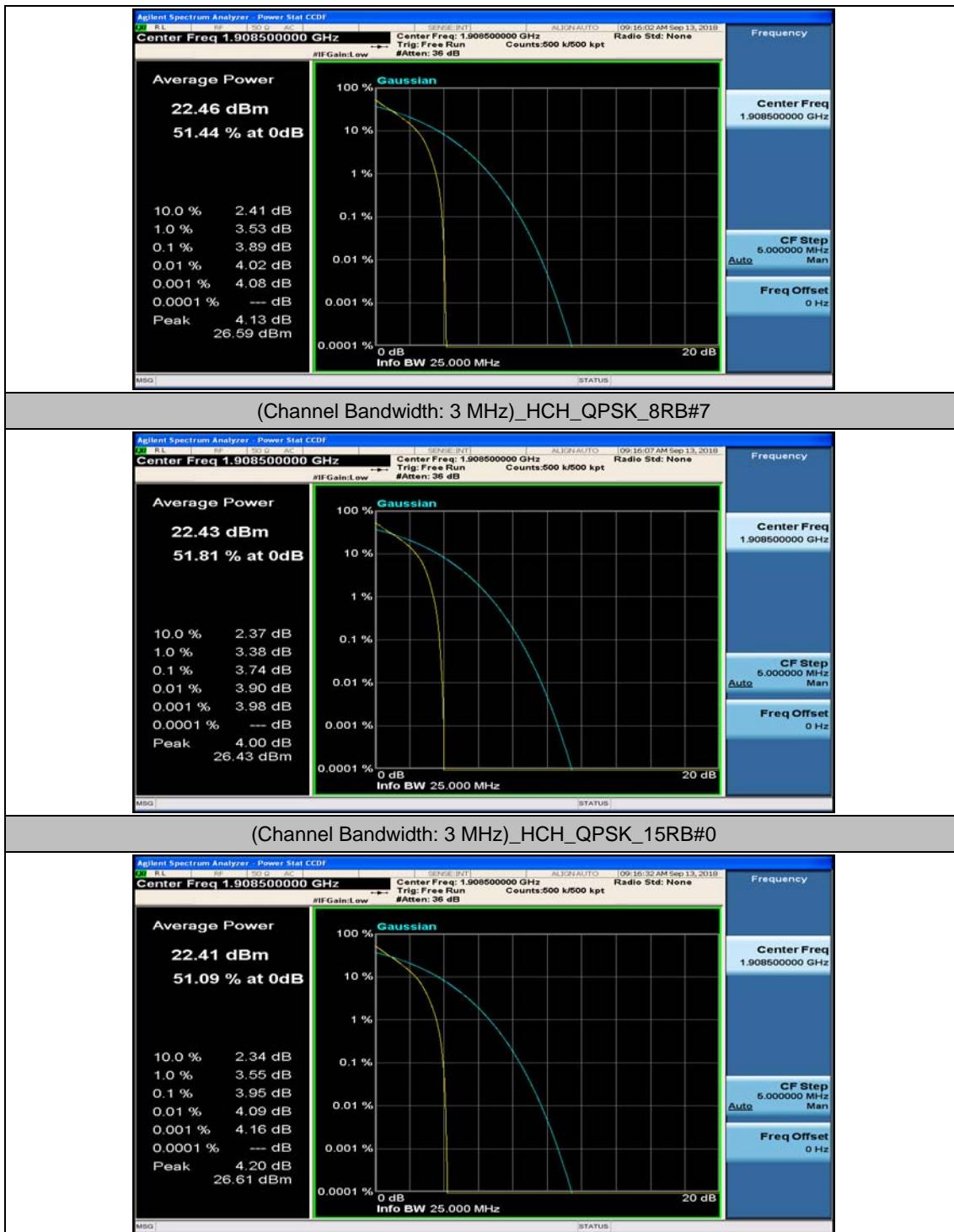


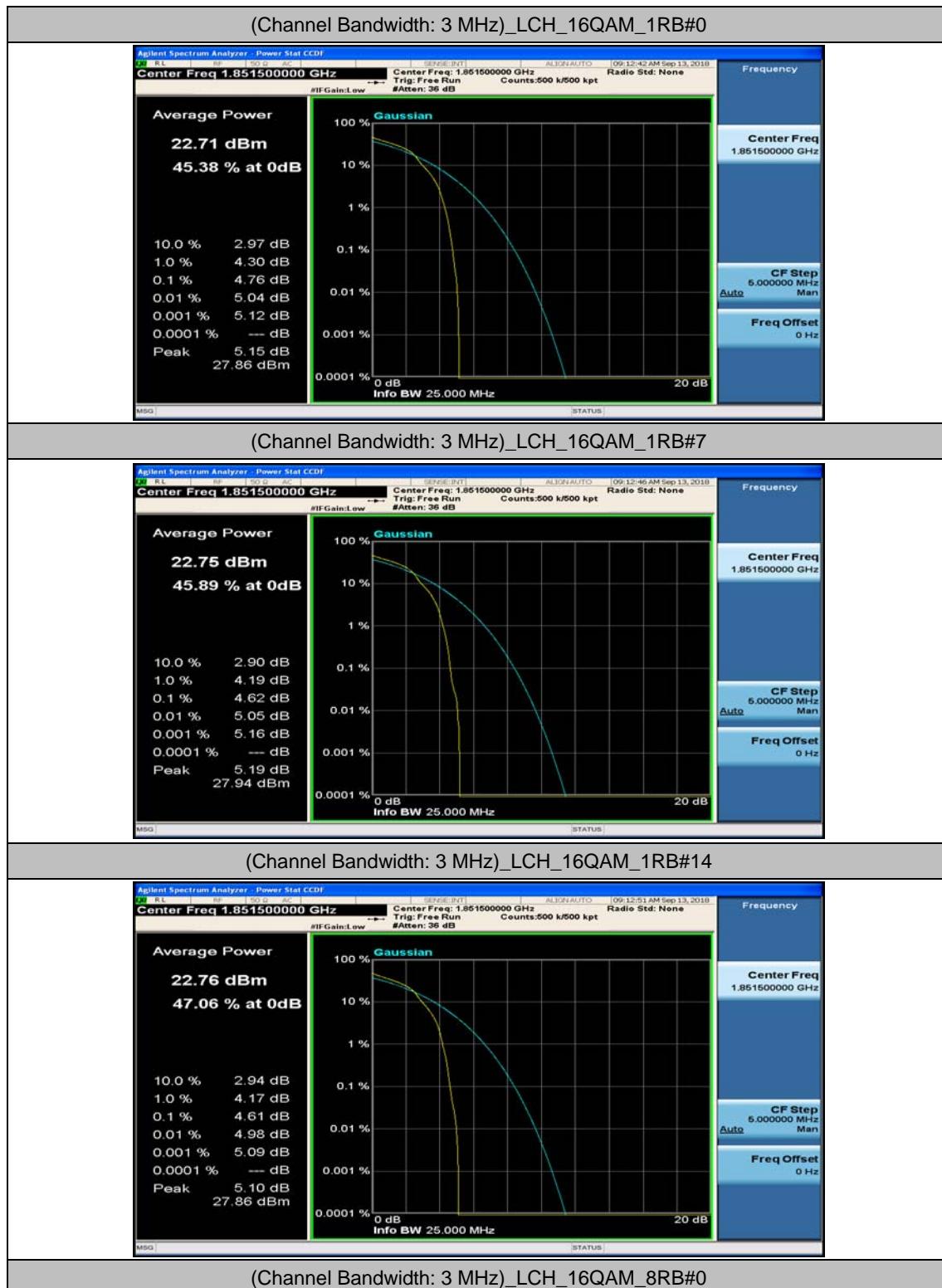
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14

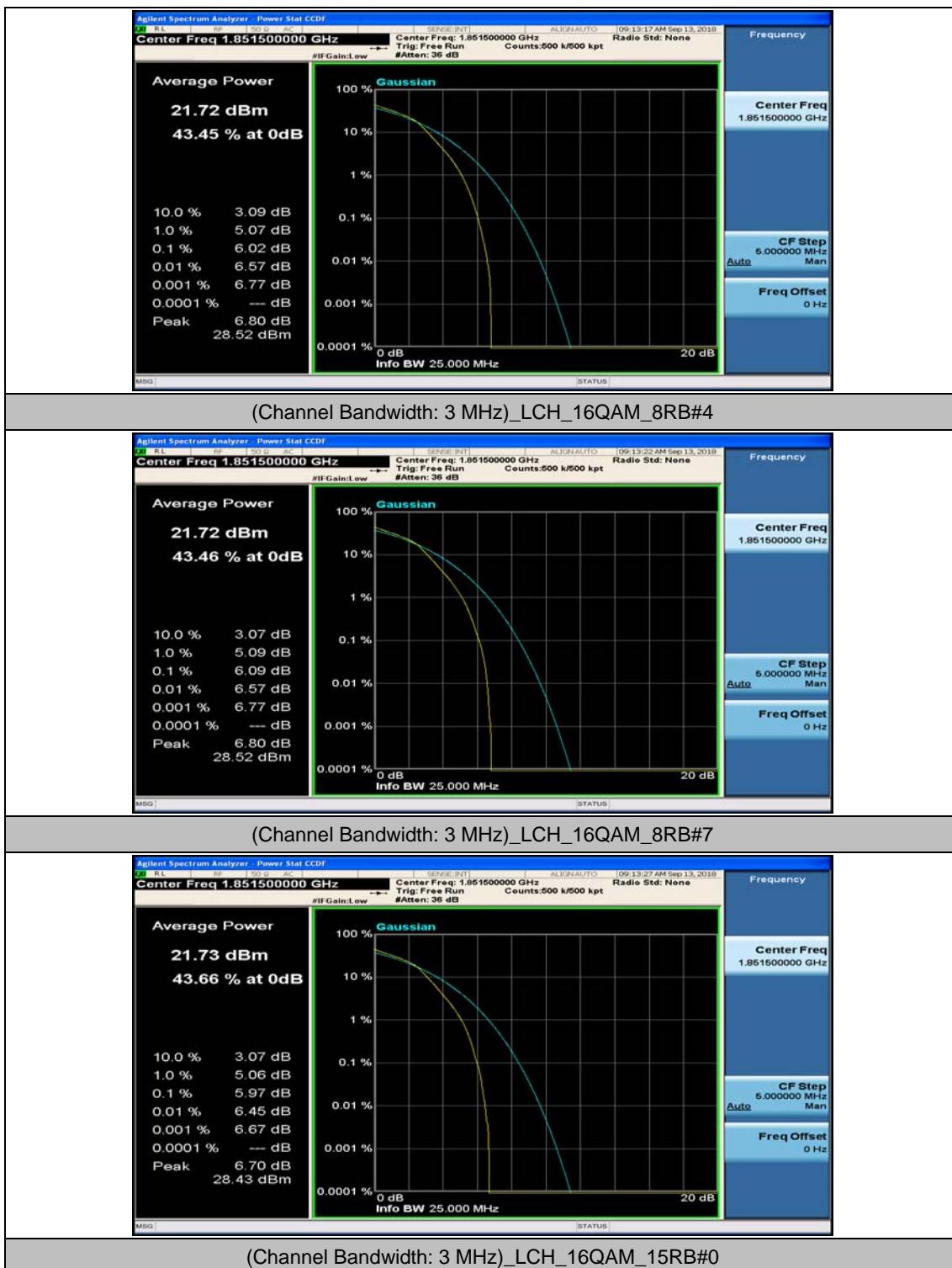


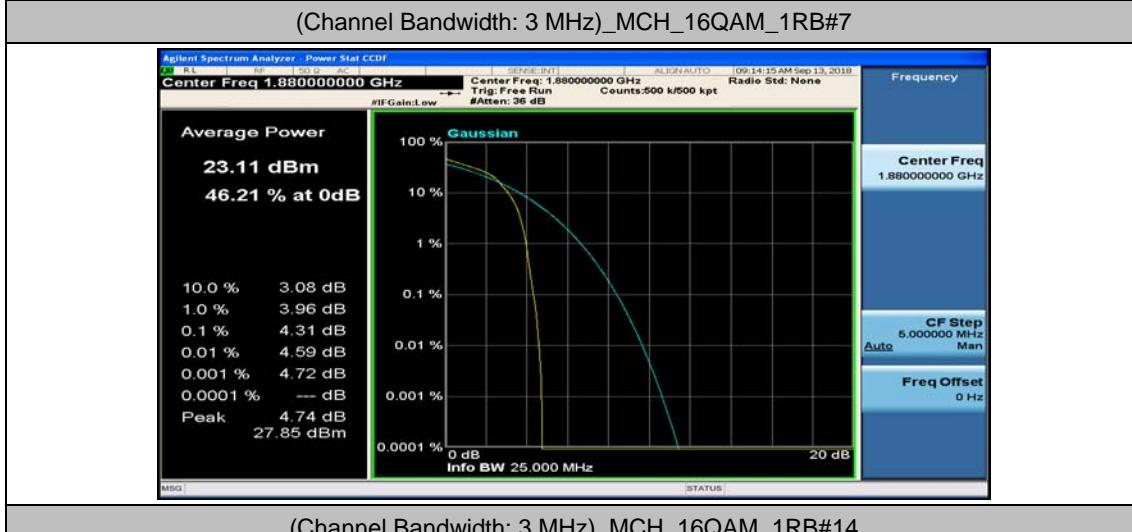
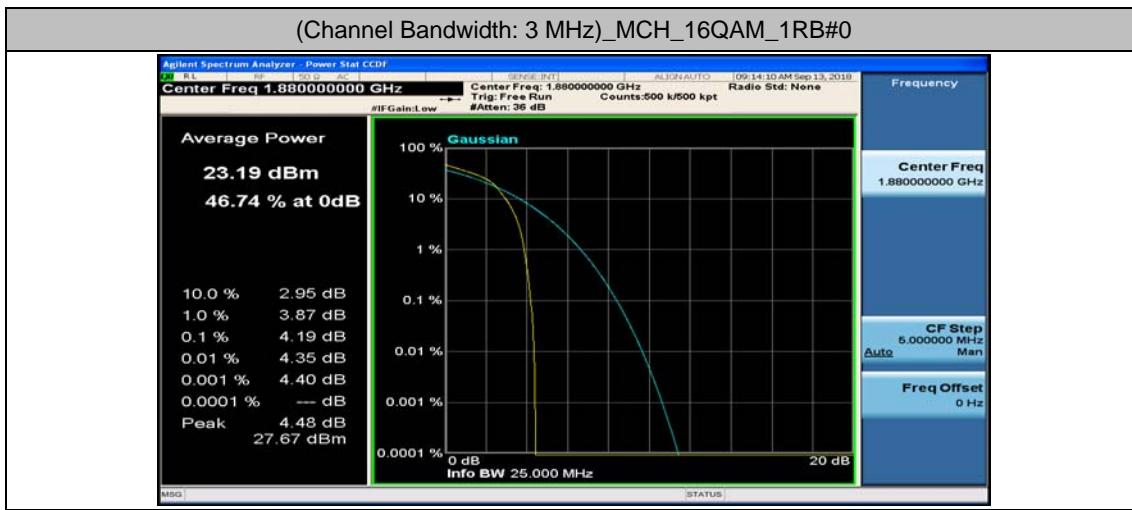
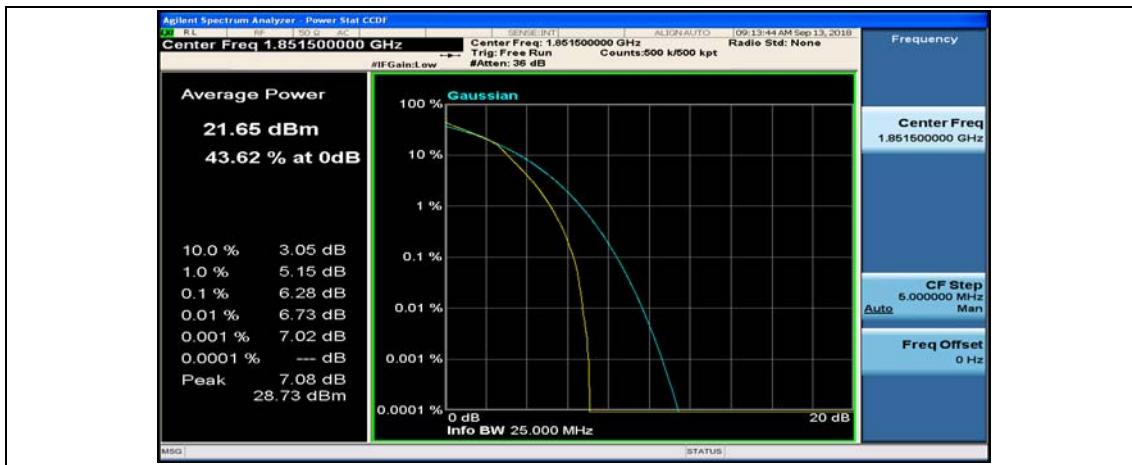




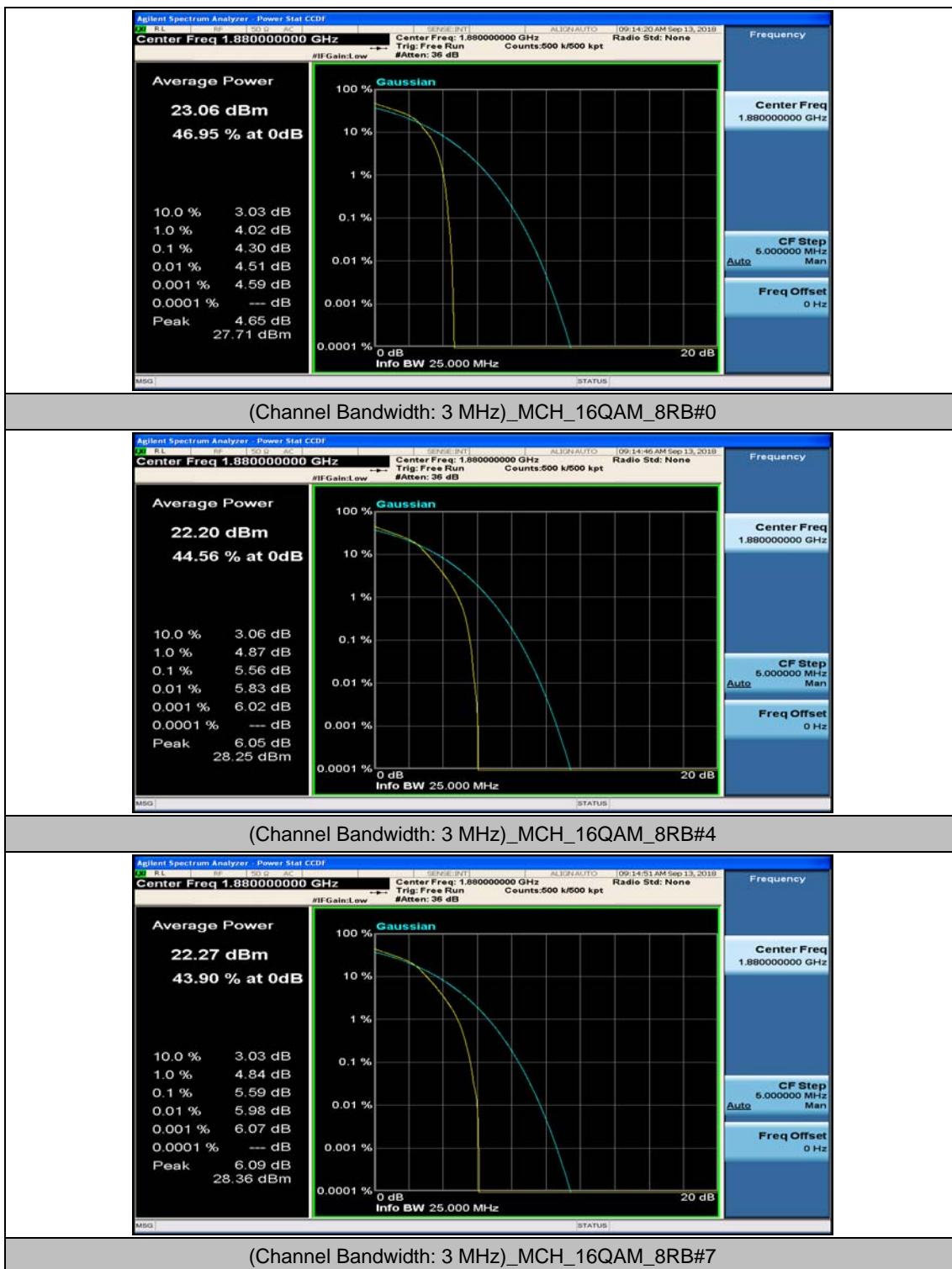


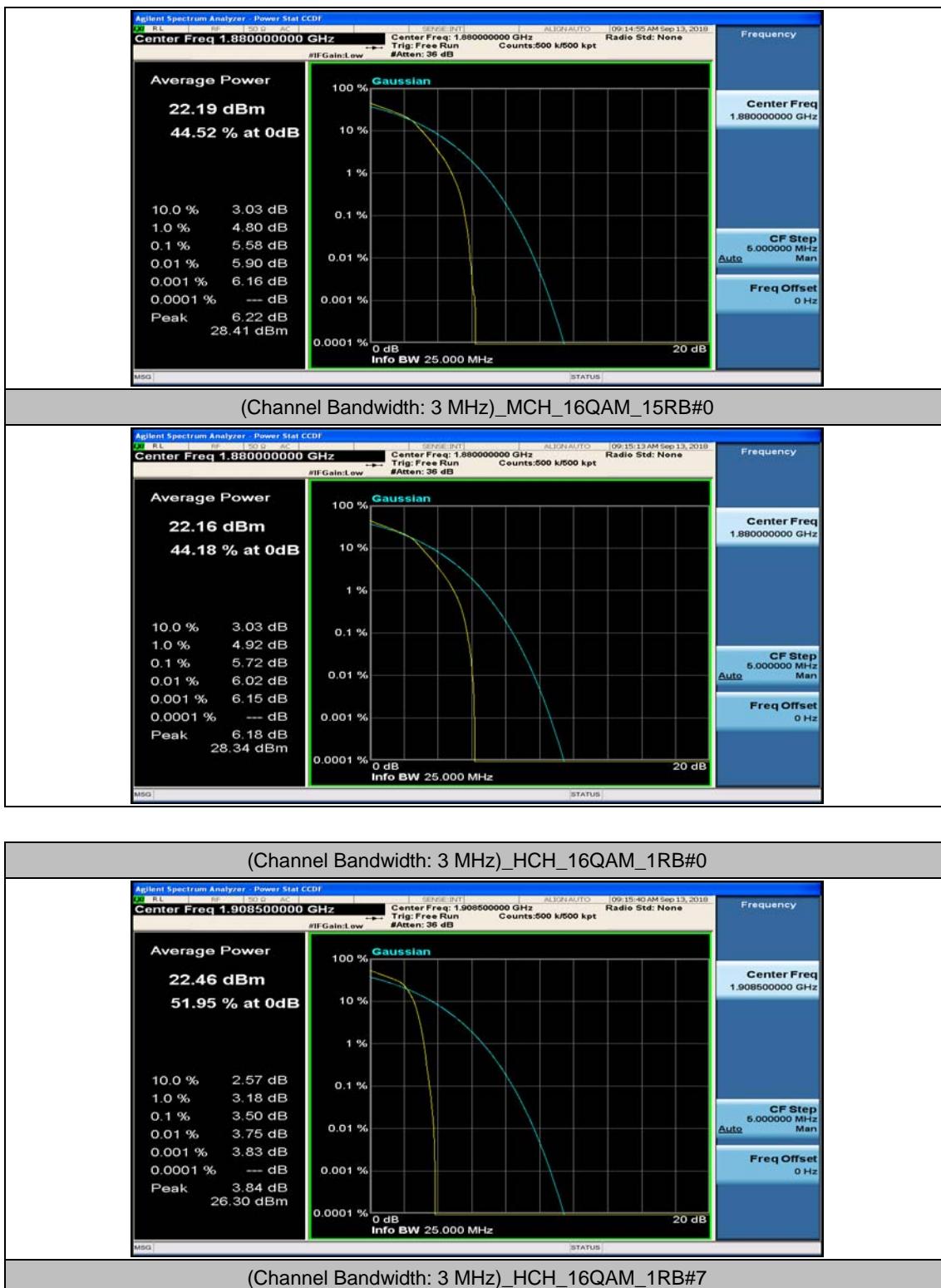


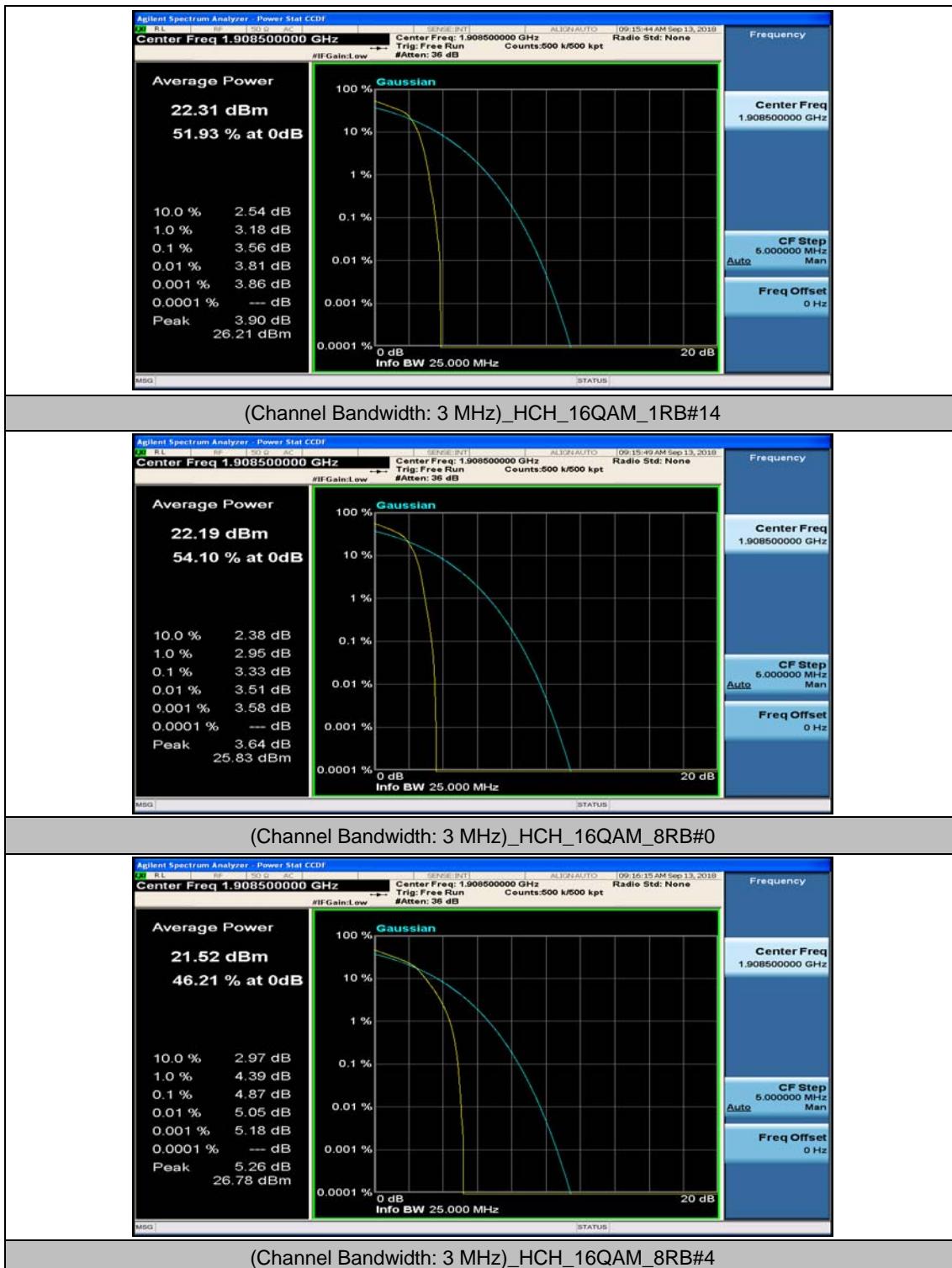


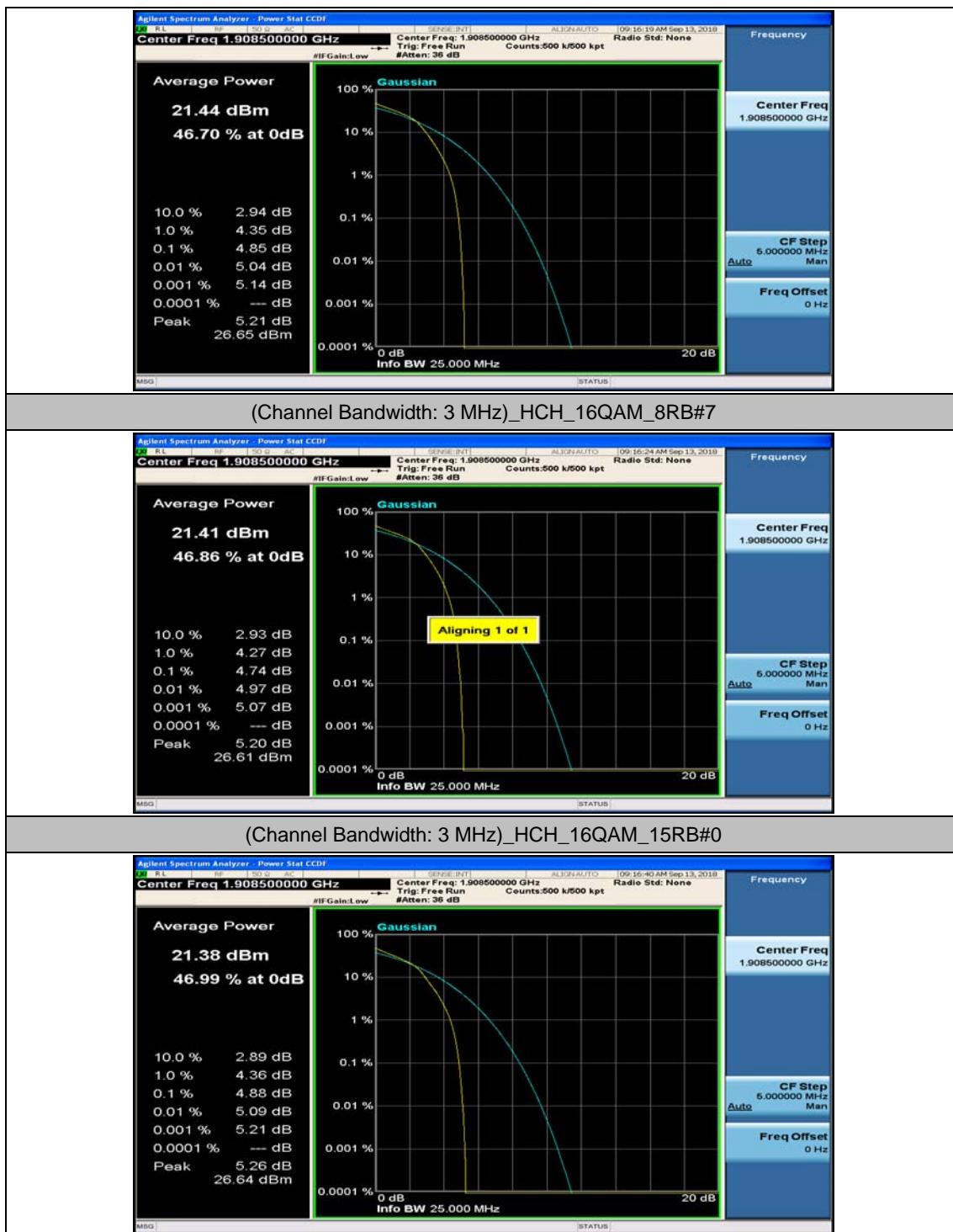


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14

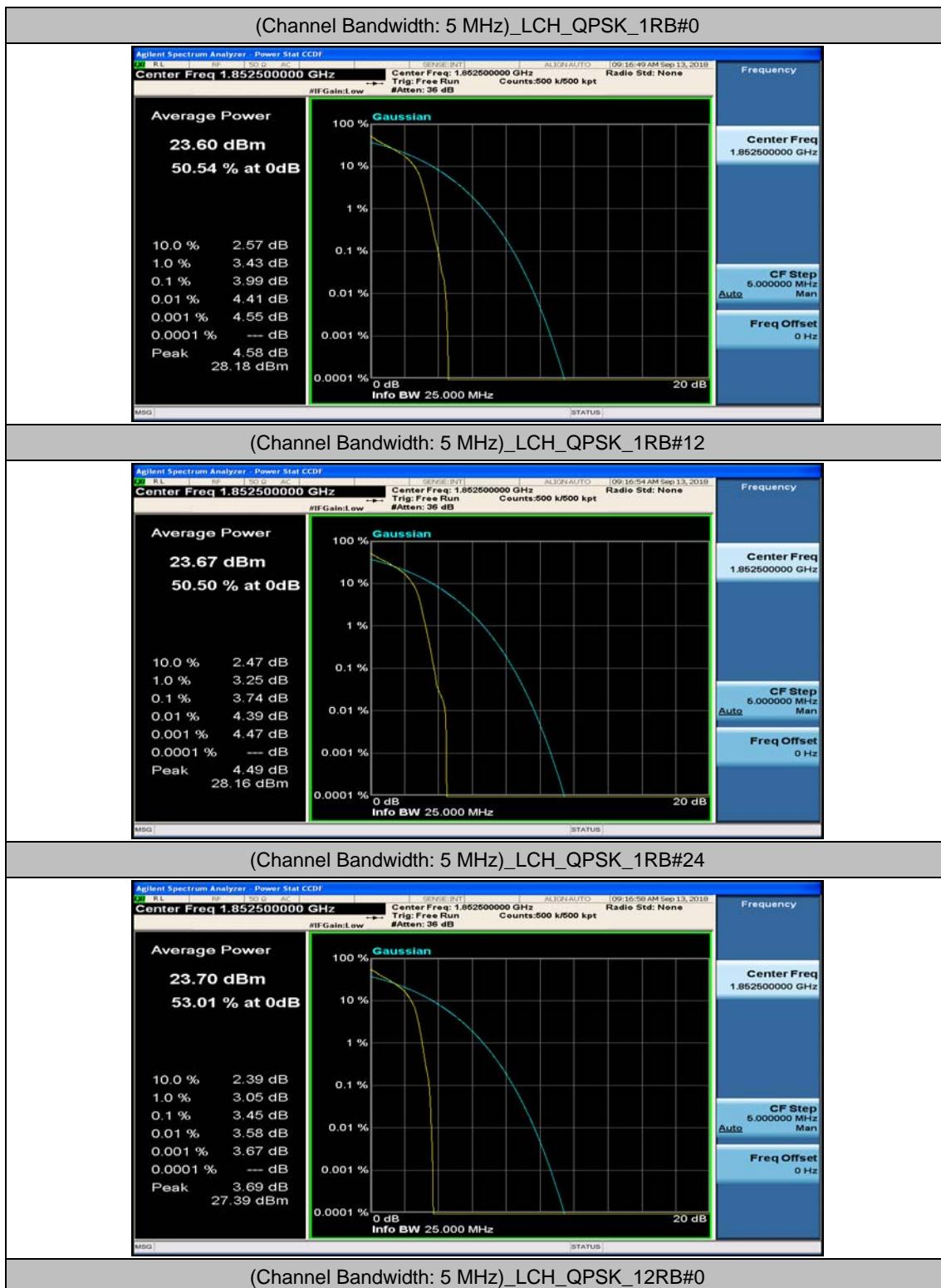


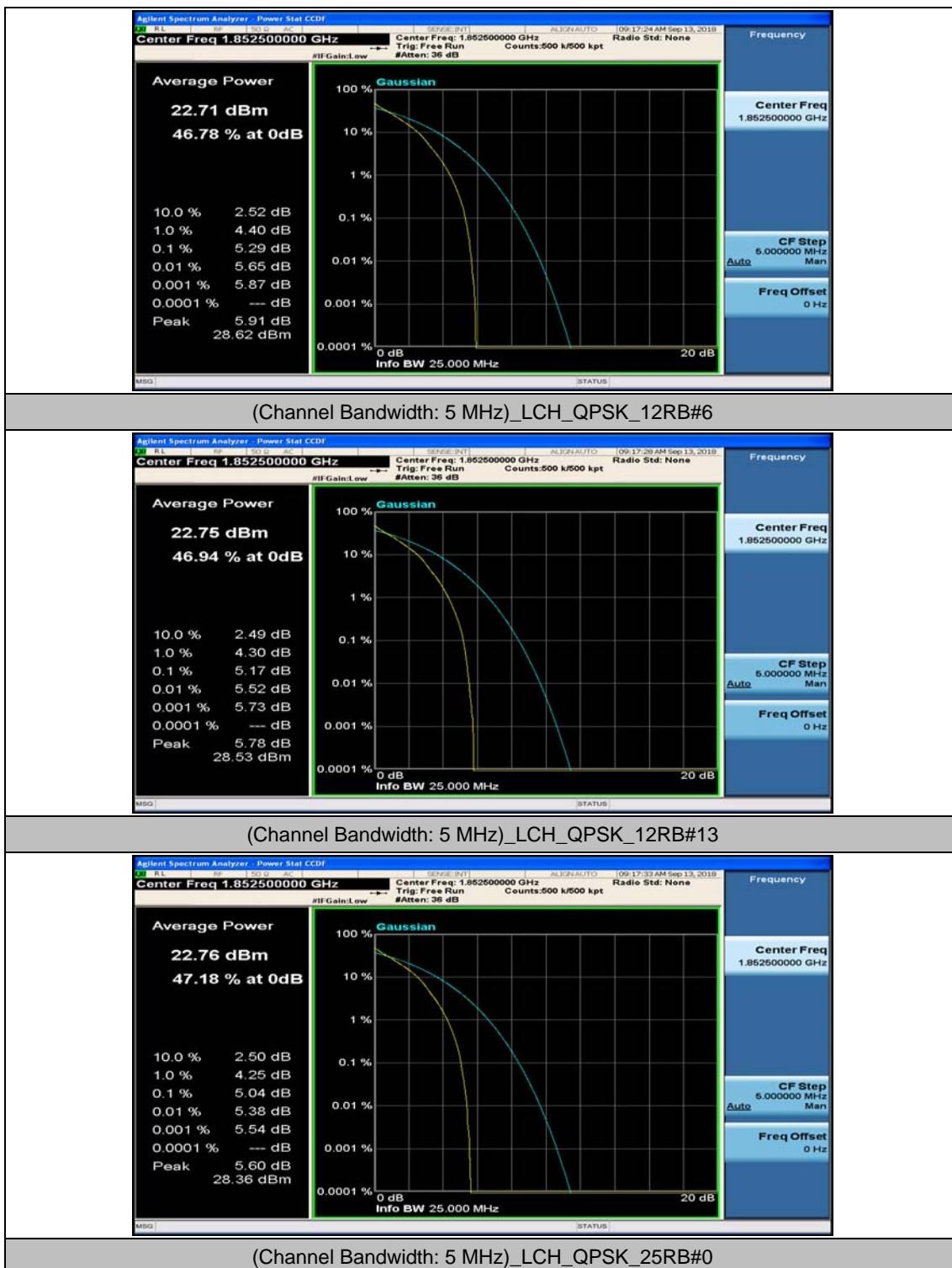


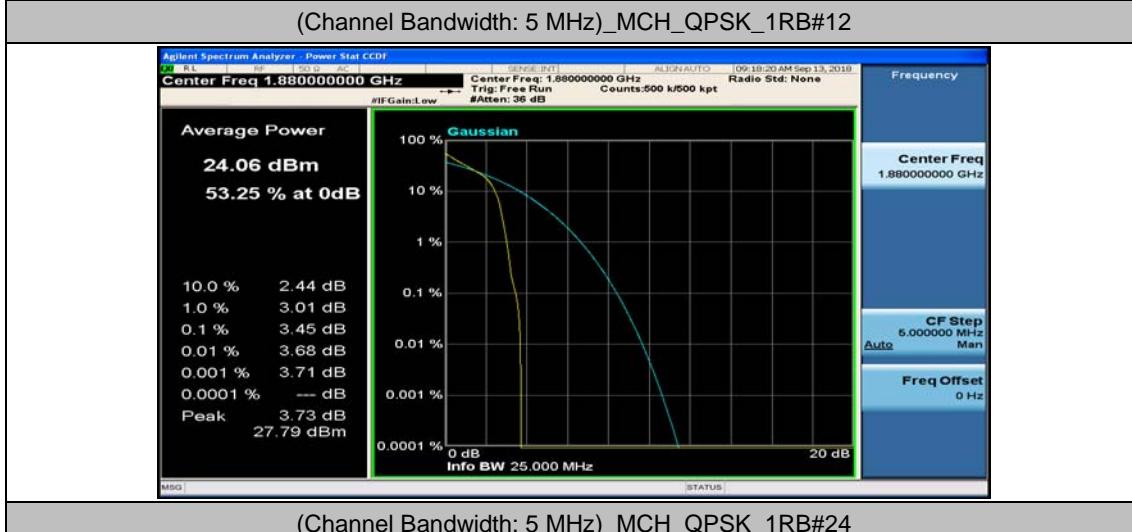
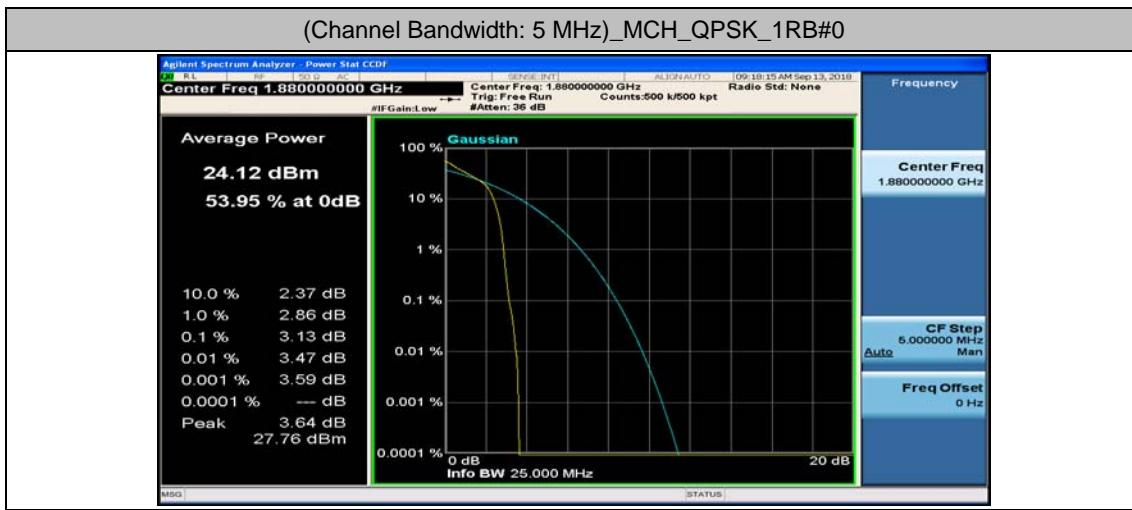
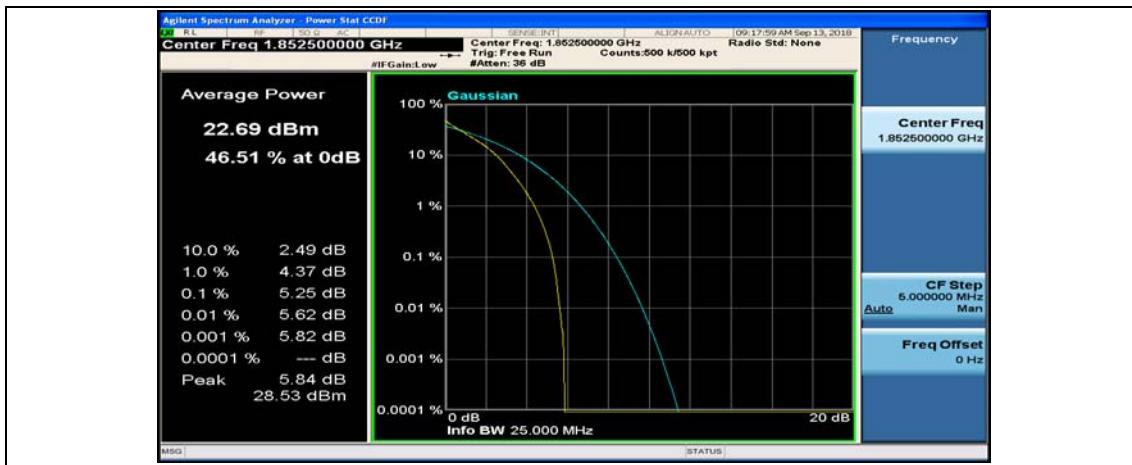




Channel Bandwidth: 5 MHz







(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24

