

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	23.1	PASS
		1	5	22.38	PASS
		3	0	22.58	PASS
		3	2	22.58	PASS
		3	3	22.6	PASS
		6	0	22.19	PASS
	MCH	1	0	23.27	PASS
		1	3	23.33	PASS
		1	5	23.26	PASS
		3	0	22.78	PASS
		3	2	22.8	PASS
		3	3	22.75	PASS
		6	0	21.83	PASS
16QAM	HCH	1	0	22.14	PASS
		1	3	22.16	PASS
		1	5	22.12	PASS
		3	0	22.21	PASS
		3	2	22.17	PASS
		3	3	22.15	PASS
		6	0	21.22	PASS
	LCH	1	0	22.15	PASS
		1	3	22.26	PASS
		1	5	22.19	PASS
		3	0	22.14	PASS
		3	2	22.1	PASS
		3	3	22.13	PASS
		6	0	21.06	PASS
	MCH	1	0	22.63	PASS
		1	3	22.64	PASS
		1	5	22.58	PASS
		3	0	22.33	PASS

		3	2	22.28	PASS
		3	3	22.31	PASS
		6	0	21.29	PASS
HCH	HCH	1	0	21.29	PASS
		1	3	21.38	PASS
		1	5	21.23	PASS
		3	0	21.19	PASS
		3	2	21.13	PASS
		3	3	21.15	PASS
		6	0	20.38	PASS

Channel Bandwidth: 3 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.99	PASS
		1	7	23.12	PASS
		1	14	23.11	PASS
		8	0	22.21	PASS
		8	4	22.21	PASS
		8	7	22.24	PASS
		15	0	22.19	PASS
	MCH	1	0	23.29	PASS
		1	7	23.37	PASS
		1	14	23.22	PASS
		8	0	22.39	PASS
		8	4	22.35	PASS
		8	7	22.32	PASS
		15	0	22.31	PASS
	HCH	1	0	22.22	PASS
		1	7	22.23	PASS
		1	14	22.09	PASS
		8	0	21.28	PASS
		8	4	21.22	PASS
		8	7	21.22	PASS
		15	0	21.22	PASS
16QAM	LCH	1	0	22.19	PASS
		1	7	22.3	PASS
		1	14	22.29	PASS
		8	0	21.18	PASS
		8	4	21.22	PASS
		8	7	21.21	PASS
		15	0	21.1	PASS

	MCH	1	0	22.63	PASS
		1	7	22.7	PASS
		1	14	22.52	PASS
		8	0	21.37	PASS
		8	4	21.32	PASS
		8	7	21.3	PASS
		15	0	21.33	PASS
	HCH	1	0	21.45	PASS
		1	7	21.41	PASS
		1	14	21.19	PASS
		8	0	20.48	PASS
		8	4	21.08	PASS
		8	7	21.28	PASS
		15	0	21.32	PASS

Channel Bandwidth: 5 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.22	PASS
		1	12	23.34	PASS
		1	24	23.3	PASS
		12	0	22.26	PASS
		12	6	22.26	PASS
		12	13	22.32	PASS
		25	0	22.21	PASS
	MCH	1	0	23.41	PASS
		1	12	23.46	PASS
		1	24	23.25	PASS
		12	0	22.42	PASS
		12	6	22.38	PASS
		12	13	22.35	PASS
		25	0	22.36	PASS
	HCH	1	0	22.45	PASS
		1	12	22.36	PASS
		1	24	22.22	PASS
		12	0	21.41	PASS
		12	6	21.33	PASS
		12	13	21.24	PASS
		25	0	21.28	PASS
16QAM	LCH	1	0	22.33	PASS
		1	12	22.46	PASS
		1	24	22.45	PASS

		12	0	21.26	PASS
		12	6	21.27	PASS
		12	13	21.35	PASS
		25	0	21.19	PASS
MCH	MCH	1	0	22.65	PASS
		1	12	22.67	PASS
		1	24	22.45	PASS
		12	0	21.53	PASS
		12	6	21.51	PASS
		12	13	21.47	PASS
		25	0	21.35	PASS
HCH	HCH	1	0	21.63	PASS
		1	12	21.53	PASS
		1	24	21.29	PASS
		12	0	20.41	PASS
		12	6	20.48	PASS
		12	13	21.53	PASS
		25	0	20.33	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.16	PASS
		1	24	23.29	PASS
		1	49	23.36	PASS
		25	0	22.25	PASS
		25	12	22.31	PASS
		25	25	22.36	PASS
		50	0	22.32	PASS
	MCH	1	0	23.38	PASS
		1	24	23.33	PASS
		1	49	23.12	PASS
		25	0	22.41	PASS
		25	12	22.33	PASS
		25	25	22.25	PASS
		50	0	22.33	PASS
	HCH	1	0	22.95	PASS
		1	24	22.02	PASS
		1	49	22.18	PASS
		25	0	21.9	PASS
		25	12	21.19	PASS
		25	25	21.3	PASS

		50	0	21.45	PASS
16QAM	LCH	1	0	22.37	PASS
		1	24	22.47	PASS
		1	49	22.59	PASS
		25	0	21.19	PASS
		25	12	21.26	PASS
		25	25	21.37	PASS
		50	0	21.32	PASS
	MCH	1	0	22.79	PASS
		1	24	22.72	PASS
		1	49	22.45	PASS
		25	0	21.42	PASS
		25	12	21.35	PASS
		25	25	21.27	PASS
		50	0	21.36	PASS
	HCH	1	0	21.21	PASS
		1	24	21.32	PASS
		1	49	21.3	PASS
		25	0	20.92	PASS
		25	12	21.58	PASS
		25	25	20.65	PASS
		50	0	20.46	PASS

Channel Bandwidth: 15 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.24	PASS
		1	37	23.41	PASS
		1	74	23.02	PASS
		37	0	22.53	PASS
		37	18	22.59	PASS
		37	38	22.58	PASS
		75	0	22.58	PASS
	MCH	1	0	23.23	PASS
		1	37	23.45	PASS
		1	74	23.12	PASS
		37	0	22.45	PASS
		37	18	22.46	PASS
		37	38	22.34	PASS
		75	0	22.4	PASS
	HCH	1	0	22.81	PASS
		1	37	22.89	PASS

		1	74	22.22	PASS
		37	0	21.67	PASS
		37	18	21.04	PASS
		37	38	21.5	PASS
		75	0	21.6	PASS
16QAM	LCH	1	0	22.4	PASS
		1	37	22.63	PASS
		1	74	22.4	PASS
		37	0	21.43	PASS
		37	18	21.5	PASS
		37	38	21.54	PASS
		75	0	21.5	PASS
	MCH	1	0	22.56	PASS
		1	37	22.72	PASS
		1	74	22.29	PASS
		37	0	21.49	PASS
		37	18	21.47	PASS
		37	38	21.32	PASS
		75	0	21.37	PASS
	HCH	1	0	21.96	PASS
		1	37	21.2	PASS
		1	74	21.36	PASS
		37	0	20.72	PASS
		37	18	20.48	PASS
		37	38	20.45	PASS
		75	0	20.63	PASS

Channel Bandwidth: 20 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.43	PASS
		1	49	23.52	PASS
		1	99	22.67	PASS
		50	0	22.41	PASS
		50	25	22.8	PASS
		50	50	22.22	PASS
		100	0	22.6	PASS
	MCH	1	0	23.11	PASS
		1	49	23.38	PASS
		1	99	23.17	PASS
		50	0	22.45	PASS
		50	25	22.37	PASS

	HCH	50	50	22.19	PASS
		100	0	22.32	PASS
		1	0	23.35	PASS
		1	49	22.85	PASS
		1	99	22.98	PASS
		50	0	22.05	PASS
		50	25	21.75	PASS
		50	50	21.93	PASS
16QAM	LCH	100	0	21.72	PASS
		1	0	22.49	PASS
		1	49	22.66	PASS
		1	99	21.87	PASS
		50	0	21.38	PASS
		50	25	21.45	PASS
		50	50	21.28	PASS
	MCH	100	0	21.49	PASS
		1	0	22.45	PASS
		1	49	22.76	PASS
		1	99	22.37	PASS
		50	0	21.48	PASS
		50	25	21.4	PASS
		50	50	21.22	PASS
	HCH	100	0	21.32	PASS
		1	0	22.12	PASS
		1	49	21.44	PASS
		1	99	21.4	PASS
		50	0	20.88	PASS
		50	25	20.54	PASS
		50	50	20.43	PASS
		100	0	20.71	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	3.56	<13	PASS
		1	3	3.37	<13	PASS
		1	5	3.39	<13	PASS
		3	0	3.44	<13	PASS
		3	2	3.4	<13	PASS
		3	3	3.36	<13	PASS
		6	0	4.35	<13	PASS
	MCH	1	0	4.25	<13	PASS
		1	3	4.21	<13	PASS
		1	5	4.17	<13	PASS
		3	0	4.28	<13	PASS
		3	2	4.26	<13	PASS
		3	3	4.24	<13	PASS
		6	0	5.15	<13	PASS
16QAM	LCH	1	0	3.42	<13	PASS
		1	3	3.15	<13	PASS
		1	5	3.08	<13	PASS
		3	0	3.37	<13	PASS
		3	2	3.23	<13	PASS
		3	3	3.23	<13	PASS
		6	0	4.32	<13	PASS
	MCH	1	0	4.54	<13	PASS
		1	3	4.36	<13	PASS
		1	5	4.4	<13	PASS
		3	0	4.45	<13	PASS
		3	2	4.4	<13	PASS
		3	3	4.4	<13	PASS
		6	0	5.26	<13	PASS

		3	2	5.22	<13	PASS
		3	3	5.19	<13	PASS
		6	0	6.08	<13	PASS
HCH		1	0	4.42	<13	PASS
		1	3	4.08	<13	PASS
		1	5	4.02	<13	PASS
		3	0	4.26	<13	PASS
		3	2	4.12	<13	PASS
		3	3	4.09	<13	PASS
		6	0	5.17	<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	3.37	<13	PASS
		1	7	3.21	<13	PASS
		1	14	3.16	<13	PASS
		8	0	4.26	<13	PASS
		8	4	4.2	<13	PASS
		8	7	4.19	<13	PASS
		15	0	4.29	<13	PASS
	MCH	1	0	4.22	<13	PASS
		1	7	4.14	<13	PASS
		1	14	3.96	<13	PASS
		8	0	5.15	<13	PASS
		8	4	5.11	<13	PASS
		8	7	5.12	<13	PASS
		15	0	5.29	<13	PASS
	HCH	1	0	3.98	<13	PASS
		1	7	3.51	<13	PASS
		1	14	3.09	<13	PASS
		8	0	4.78	<13	PASS
		8	4	4.56	<13	PASS
		8	7	4.34	<13	PASS
		15	0	4.66	<13	PASS
16QAM	LCH	1	0	4.33	<13	PASS
		1	7	4.19	<13	PASS
		1	14	4.12	<13	PASS
		8	0	5.12	<13	PASS
		8	4	5.1	<13	PASS

		8	7	5.06	<13	PASS
		15	0	5.3	<13	PASS
MCH		1	0	5.2	<13	PASS
		1	7	5	<13	PASS
		1	14	4.95	<13	PASS
		8	0	5.95	<13	PASS
		8	4	5.9	<13	PASS
		8	7	5.9	<13	PASS
		15	0	6.04	<13	PASS
HCH		1	0	4.9	<13	PASS
		1	7	4.44	<13	PASS
		1	14	4	<13	PASS
		8	0	5.76	<13	PASS
		8	4	5.52	<13	PASS
		8	7	5.32	<13	PASS
		15	0	5.57	<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	3.33	<13	PASS
		1	12	3.12	<13	PASS
		1	24	3.12	<13	PASS
		12	0	4.26	<13	PASS
		12	6	4.18	<13	PASS
		12	13	4.16	<13	PASS
		25	0	4.27	<13	PASS
	MCH	1	0	4.38	<13	PASS
		1	12	4.09	<13	PASS
		1	24	3.98	<13	PASS
		12	0	5.15	<13	PASS
		12	6	5.1	<13	PASS
		12	13	5.03	<13	PASS
		25	0	5.22	<13	PASS
	HCH	1	0	4.08	<13	PASS
		1	12	3.8	<13	PASS
		1	24	3.03	<13	PASS
		12	0	5.13	<13	PASS
		12	6	4.88	<13	PASS
		12	13	4.52	<13	PASS

		25	0	4.95	<13	PASS
16QAM	LCH	1	0	4.15	<13	PASS
		1	12	4.08	<13	PASS
		1	24	4.09	<13	PASS
		12	0	5.15	<13	PASS
		12	6	5.09	<13	PASS
		12	13	5.1	<13	PASS
		25	0	5.13	<13	PASS
	MCH	1	0	5.23	<13	PASS
		1	12	5.04	<13	PASS
		1	24	4.93	<13	PASS
		12	0	6.02	<13	PASS
		12	6	5.91	<13	PASS
		12	13	5.85	<13	PASS
		25	0	6.04	<13	PASS
	HCH	1	0	4.9	<13	PASS
		1	12	4.59	<13	PASS
		1	24	3.79	<13	PASS
		12	0	6.02	<13	PASS
		12	6	5.81	<13	PASS
		12	13	5.41	<13	PASS
		25	0	5.78	<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	3.19	<13	PASS
		1	24	3.07	<13	PASS
		1	49	3.22	<13	PASS
		25	0	4.21	<13	PASS
		25	12	4.18	<13	PASS
		25	25	4.21	<13	PASS
		50	0	4.35	<13	PASS
	MCH	1	0	4.27	<13	PASS
		1	24	4.01	<13	PASS
		1	49	3.67	<13	PASS
		25	0	5.31	<13	PASS
		25	12	5.22	<13	PASS
		25	25	4.98	<13	PASS
		50	0	5.19	<13	PASS

		1	0	3.93	<13	PASS
	HCH	1	24	4.15	<13	PASS
		1	49	3.08	<13	PASS
		25	0	5.28	<13	PASS
		25	12	5.19	<13	PASS
		25	25	4.88	<13	PASS
		50	0	5.11	<13	PASS
		1	0	4.18	<13	PASS
	LCH	1	24	3.95	<13	PASS
		1	49	4.16	<13	PASS
		25	0	5.11	<13	PASS
		25	12	5.11	<13	PASS
		25	25	5.16	<13	PASS
		50	0	5.19	<13	PASS
		1	0	5.27	<13	PASS
	MCH	1	24	4.87	<13	PASS
		1	49	4.52	<13	PASS
		25	0	6.2	<13	PASS
		25	12	6.01	<13	PASS
		25	25	5.87	<13	PASS
		50	0	6.02	<13	PASS
		1	0	4.77	<13	PASS
	HCH	1	24	5.01	<13	PASS
		1	49	4.09	<13	PASS
		25	0	6.19	<13	PASS
		25	12	6.12	<13	PASS
		25	25	5.87	<13	PASS
		50	0	5.99	<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	3.09	<13	PASS
		1	37	3.01	<13	PASS
		1	74	3.73	<13	PASS
		37	0	4.02	<13	PASS
		37	18	4.09	<13	PASS
		37	38	4.45	<13	PASS
		75	0	4.72	<13	PASS
	MCH	1	0	4.32	<13	PASS

	16QAM	HCH	1	37	4	<13	PASS
			1	74	3.45	<13	PASS
			37	0	5.35	<13	PASS
			37	18	5.14	<13	PASS
			37	38	4.85	<13	PASS
			75	0	5.38	<13	PASS
		LCH	1	0	2.98	<13	PASS
			1	37	4.19	<13	PASS
			1	74	3.04	<13	PASS
			37	0	4.54	<13	PASS
			37	18	5.23	<13	PASS
			37	38	5.06	<13	PASS
			75	0	5.25	<13	PASS
		MCH	1	0	4.03	<13	PASS
			1	37	3.94	<13	PASS
			1	74	4.43	<13	PASS
			37	0	5	<13	PASS
			37	18	5.09	<13	PASS
			37	38	5.41	<13	PASS
			75	0	5.54	<13	PASS
		HCH	1	0	5.23	<13	PASS
			1	37	4.94	<13	PASS
			1	74	4.38	<13	PASS
			37	0	6.25	<13	PASS
			37	18	6.04	<13	PASS
			37	38	5.79	<13	PASS
			75	0	6.1	<13	PASS
		LCH	1	0	4.06	<13	PASS
			1	37	4.99	<13	PASS
			1	74	4.13	<13	PASS
			37	0	5.46	<13	PASS
			37	18	6.03	<13	PASS
			37	38	5.99	<13	PASS
			75	0	6.02	<13	PASS

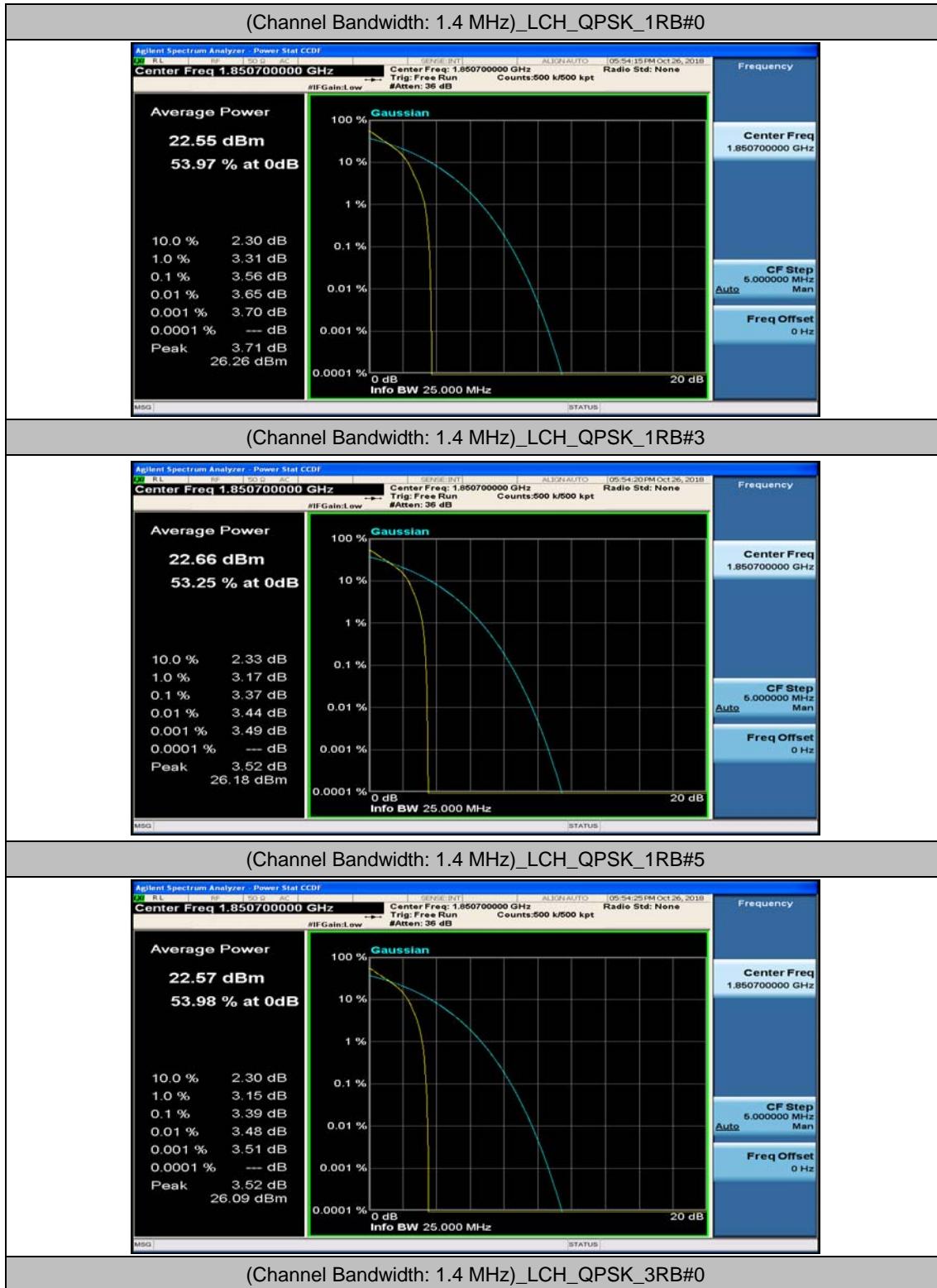
Channel Bandwidth: 20 MHz

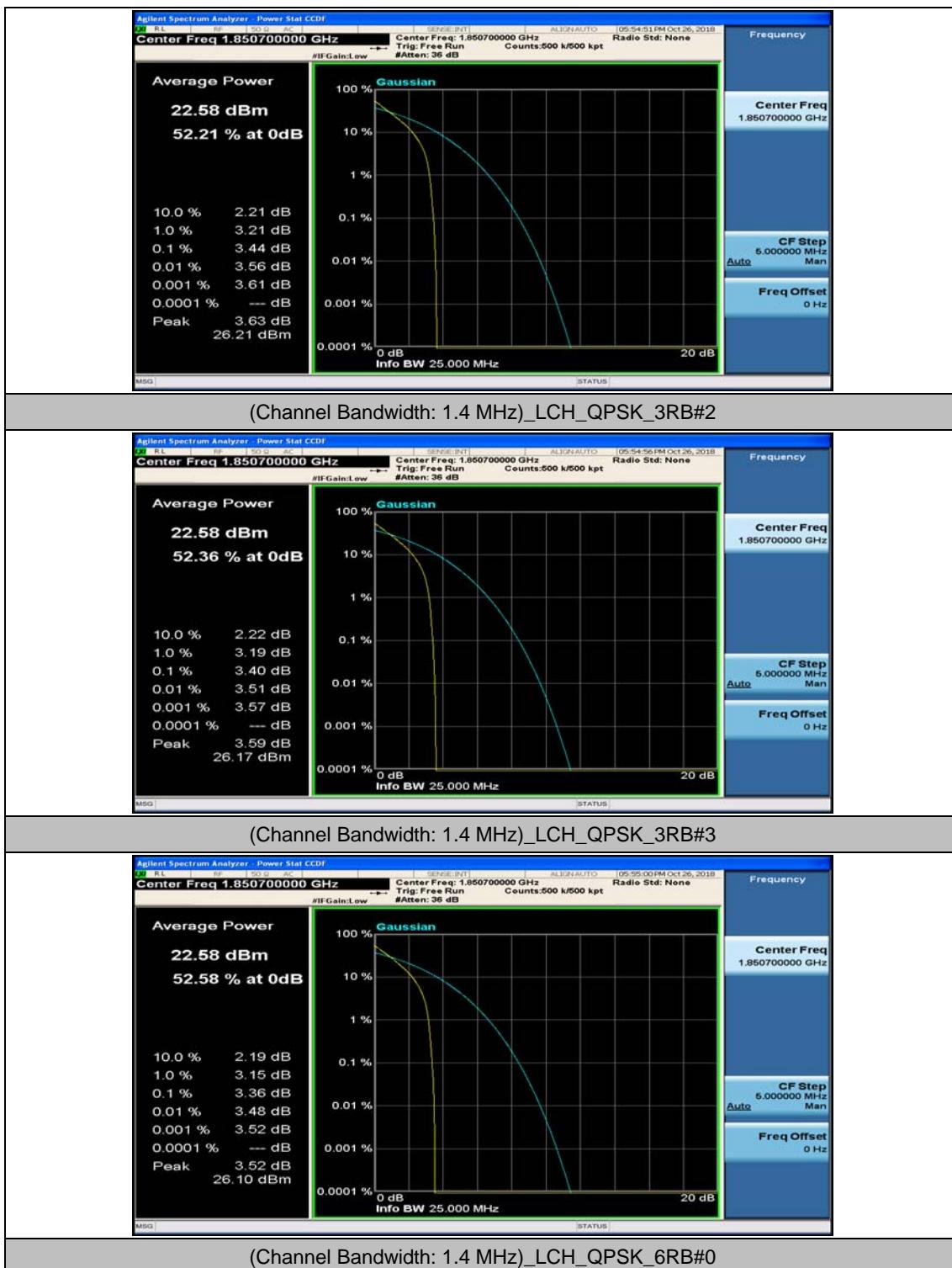
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3	<13	PASS
		1	49	3.24	<13	PASS

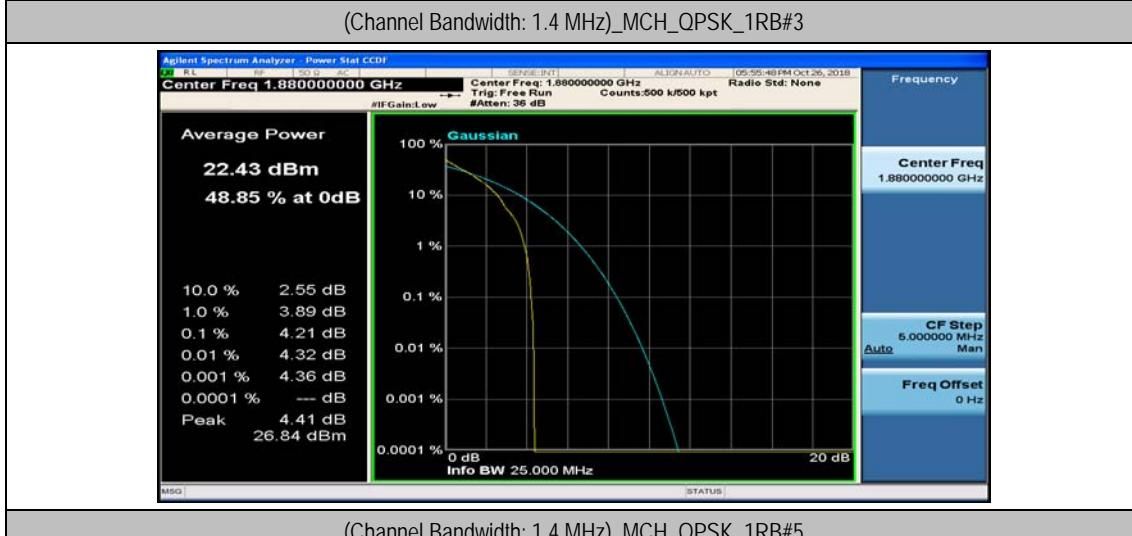
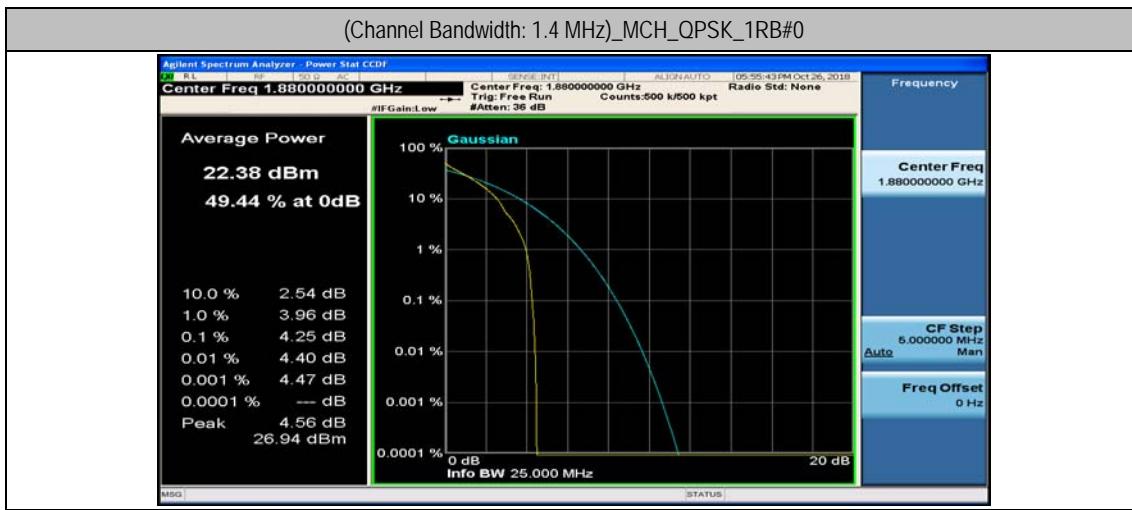
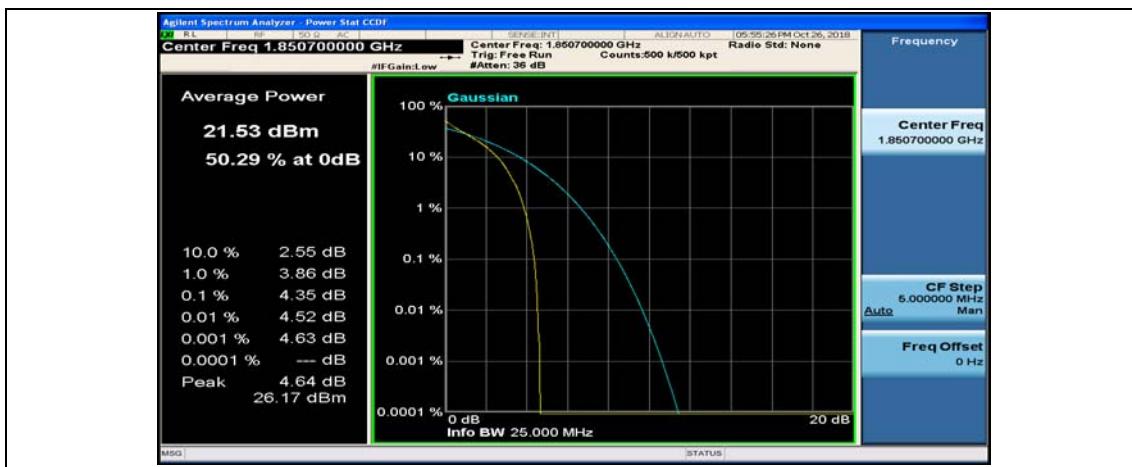
		1	99	4.51	<13	PASS
		50	0	4.35	<13	PASS
		50	25	4.47	<13	PASS
		50	50	4.96	<13	PASS
		100	0	4.98	<13	PASS
	MCH	1	0	4.28	<13	PASS
		1	49	4.08	<13	PASS
		1	99	3.12	<13	PASS
		50	0	5.38	<13	PASS
		50	25	5.18	<13	PASS
		50	50	4.86	<13	PASS
		100	0	5.28	<13	PASS
	HCH	1	0	2.97	<13	PASS
		1	49	3.65	<13	PASS
		1	99	3.24	<13	PASS
		50	0	4.49	<13	PASS
		50	25	4.87	<13	PASS
		50	50	5.23	<13	PASS
		100	0	5.22	<13	PASS
	LCH	1	0	3.84	<13	PASS
		1	49	3.98	<13	PASS
		1	99	5.21	<13	PASS
		50	0	5.18	<13	PASS
		50	25	5.36	<13	PASS
		50	50	5.84	<13	PASS
		100	0	5.77	<13	PASS
	MCH	1	0	5.06	<13	PASS
		1	49	4.88	<13	PASS
		1	99	3.95	<13	PASS
		50	0	6.23	<13	PASS
		50	25	5.99	<13	PASS
		50	50	5.72	<13	PASS
		100	0	6.04	<13	PASS
	HCH	1	0	4.01	<13	PASS
		1	49	4.37	<13	PASS
		1	99	4.22	<13	PASS
		50	0	5.34	<13	PASS
		50	25	5.73	<13	PASS
		50	50	6.05	<13	PASS
		100	0	6	<13	PASS

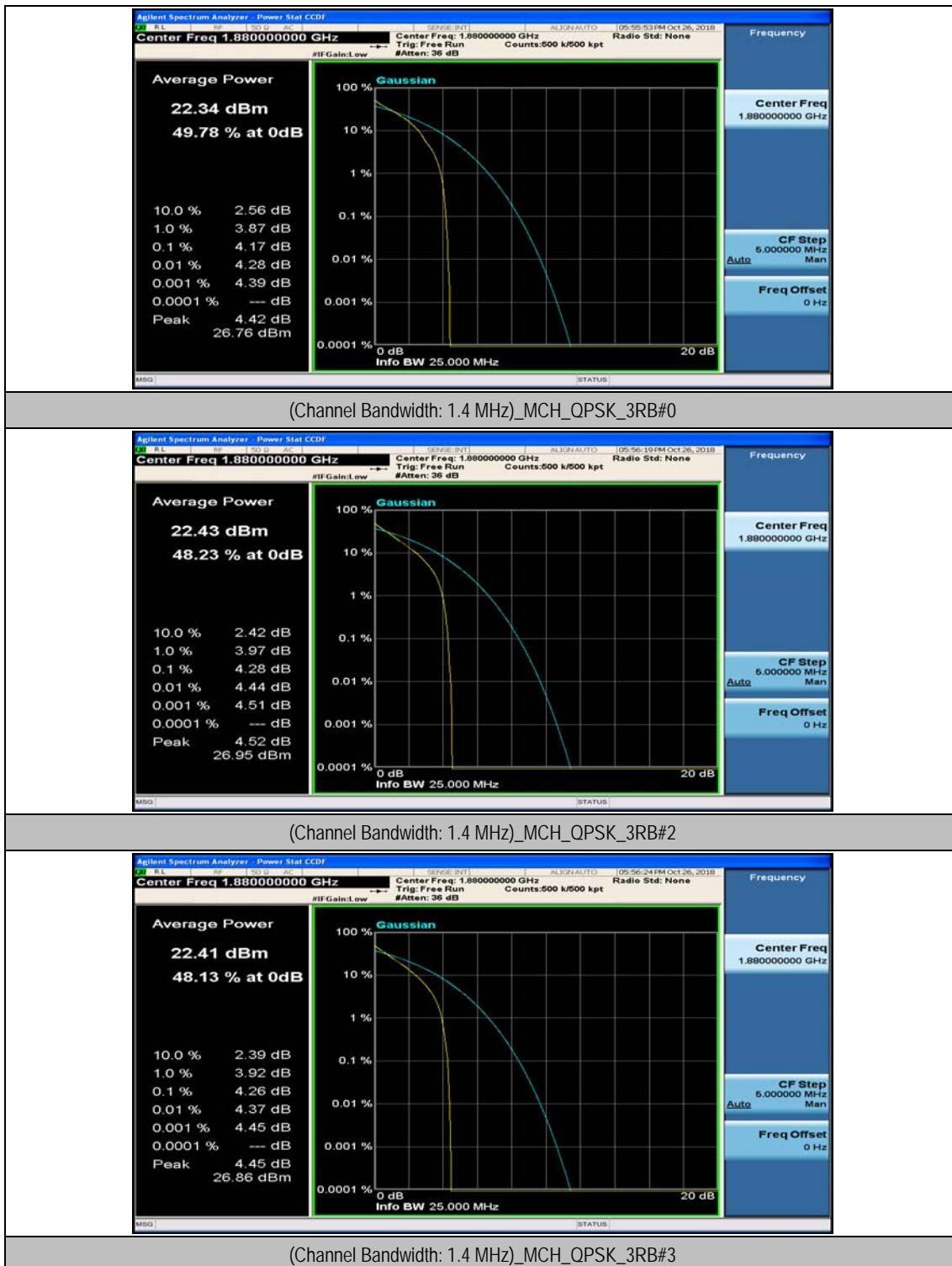
Test Graphs

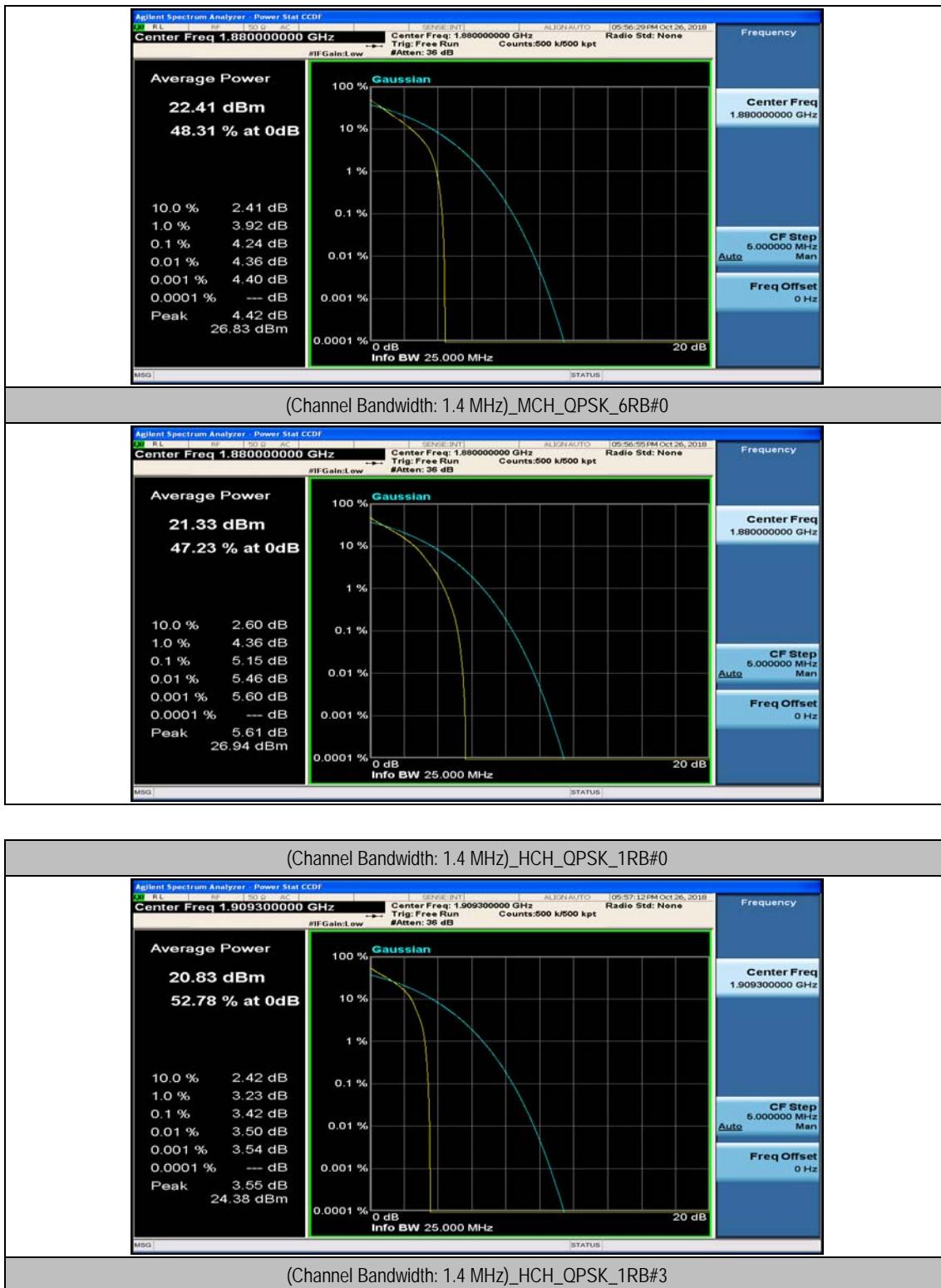
Channel Bandwidth: 1.4 MHz

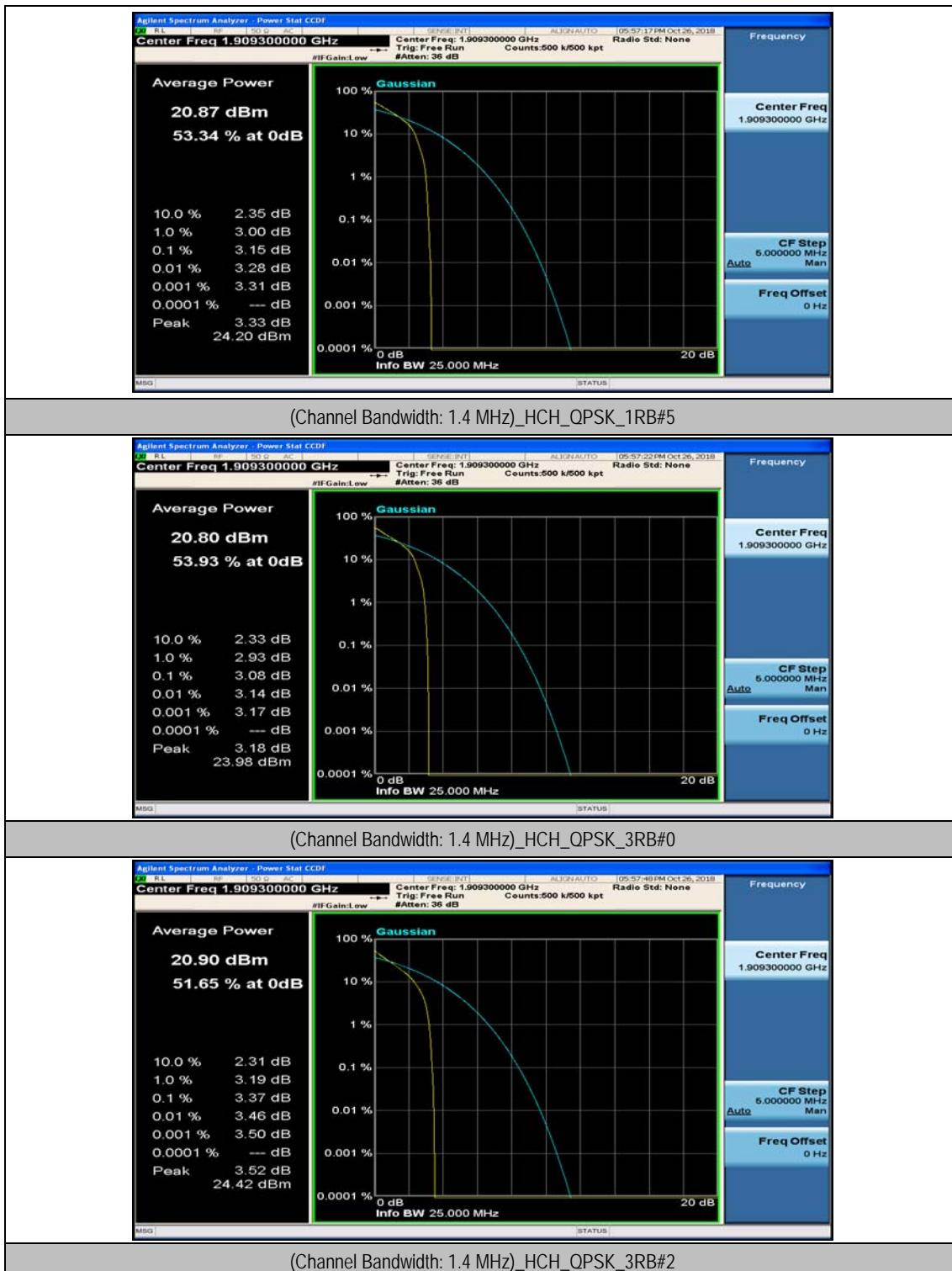


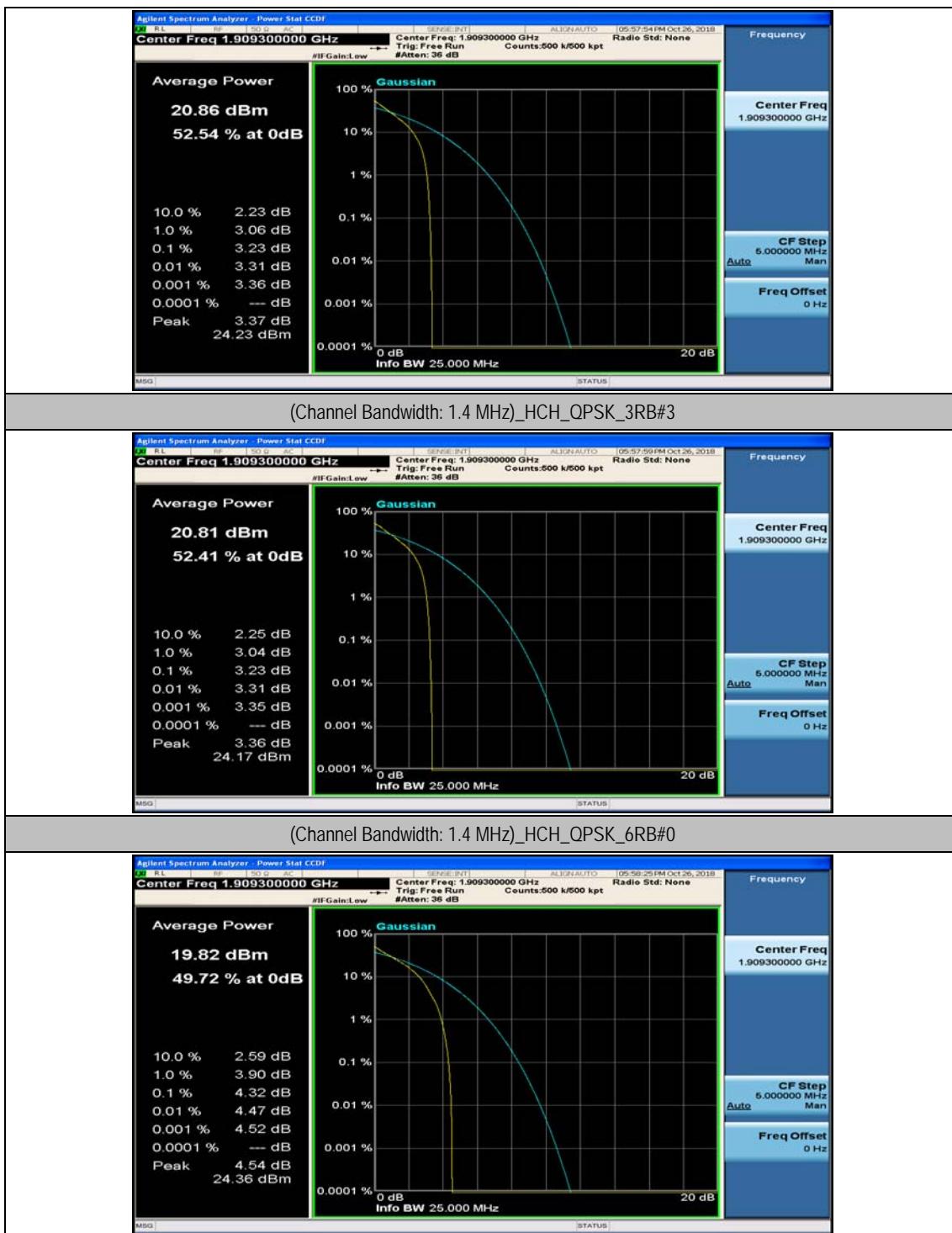




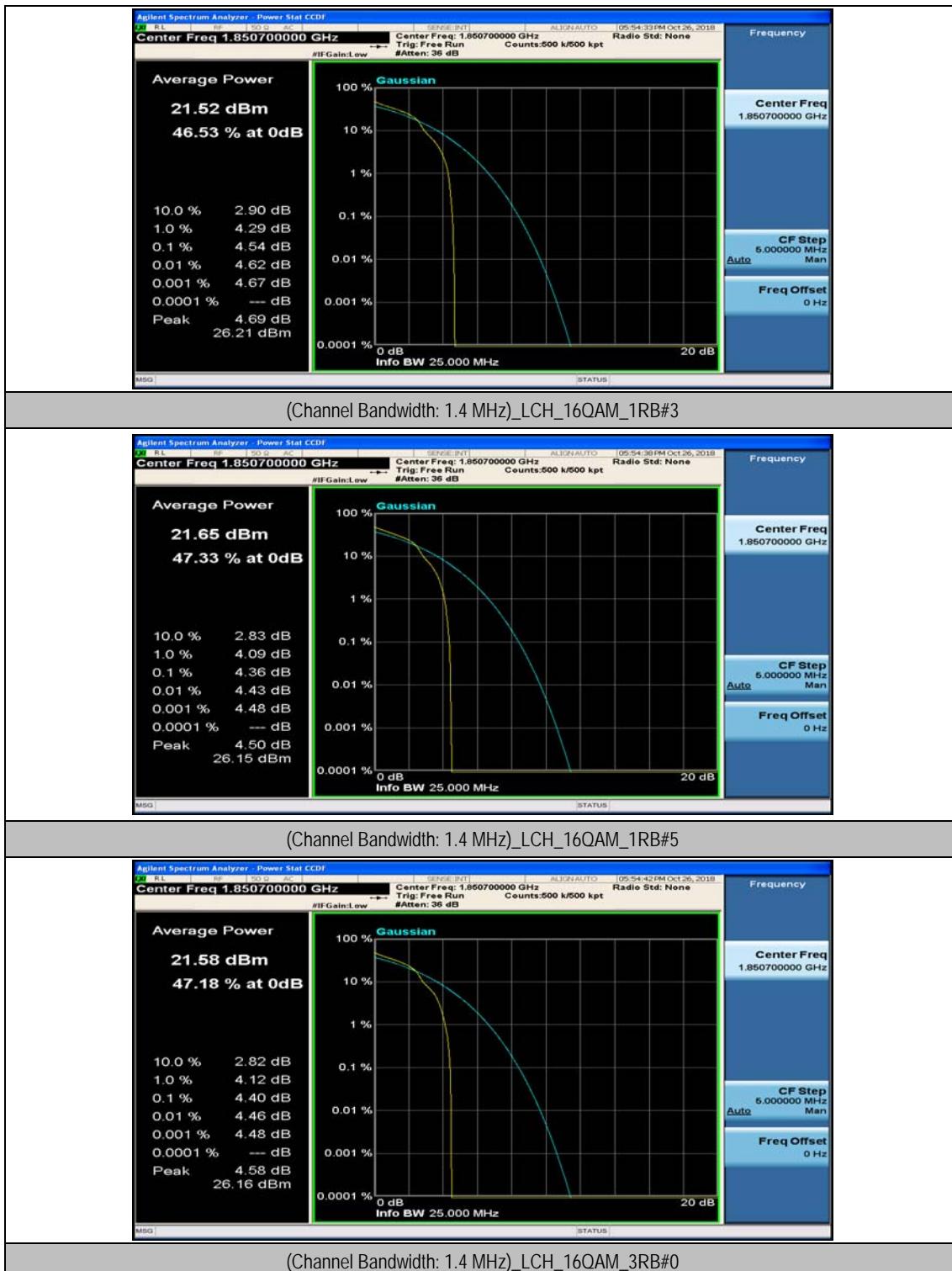


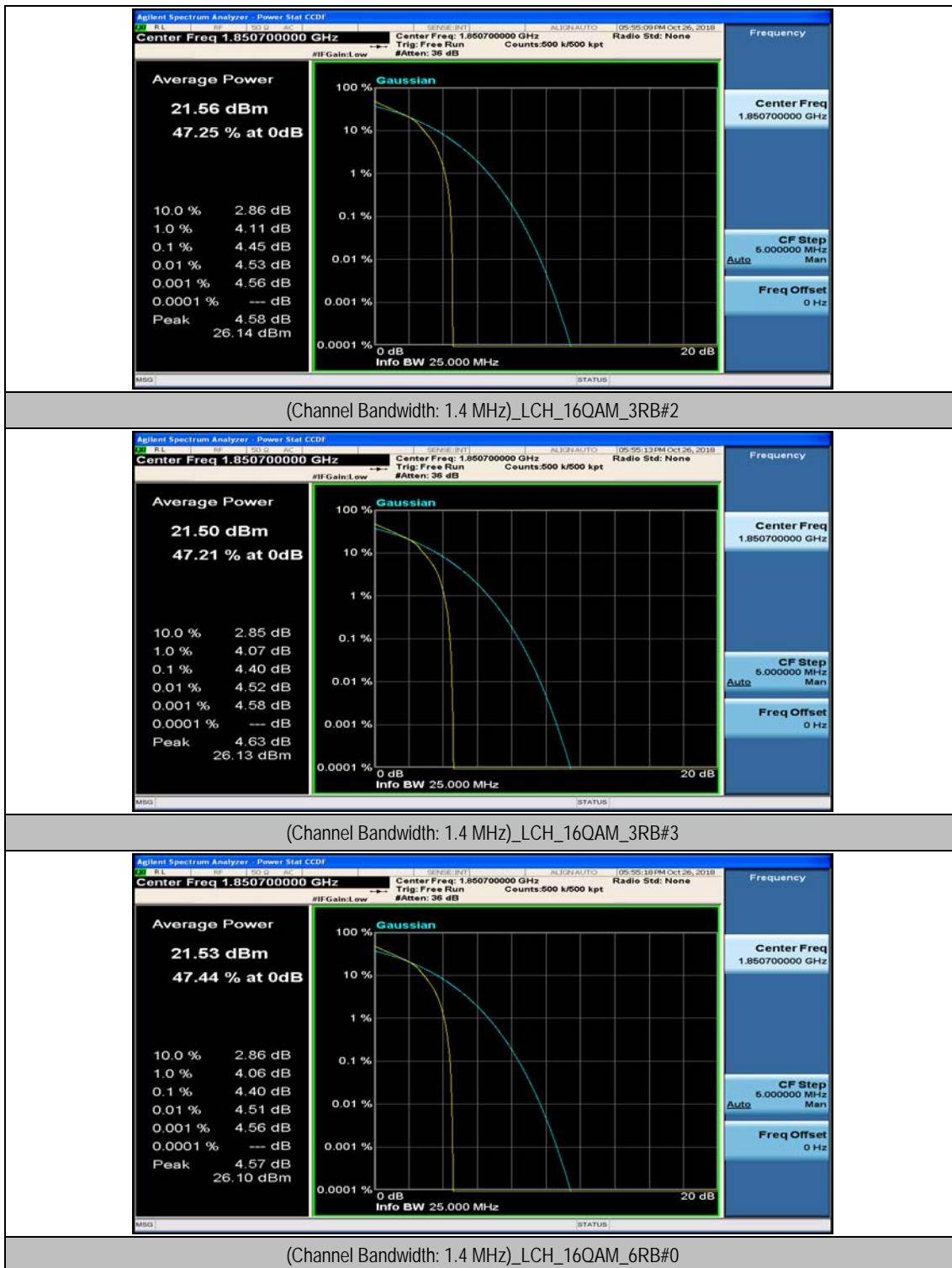


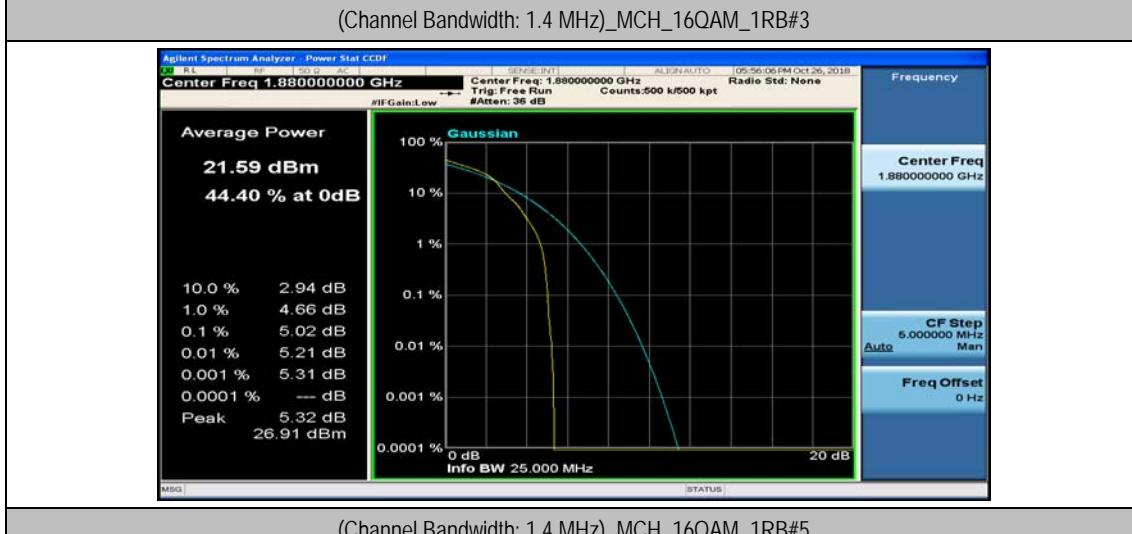
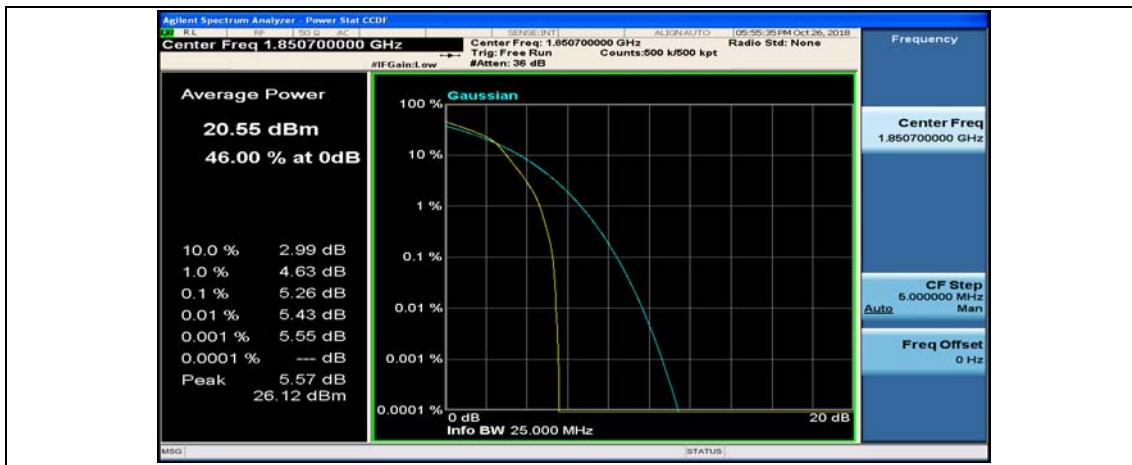


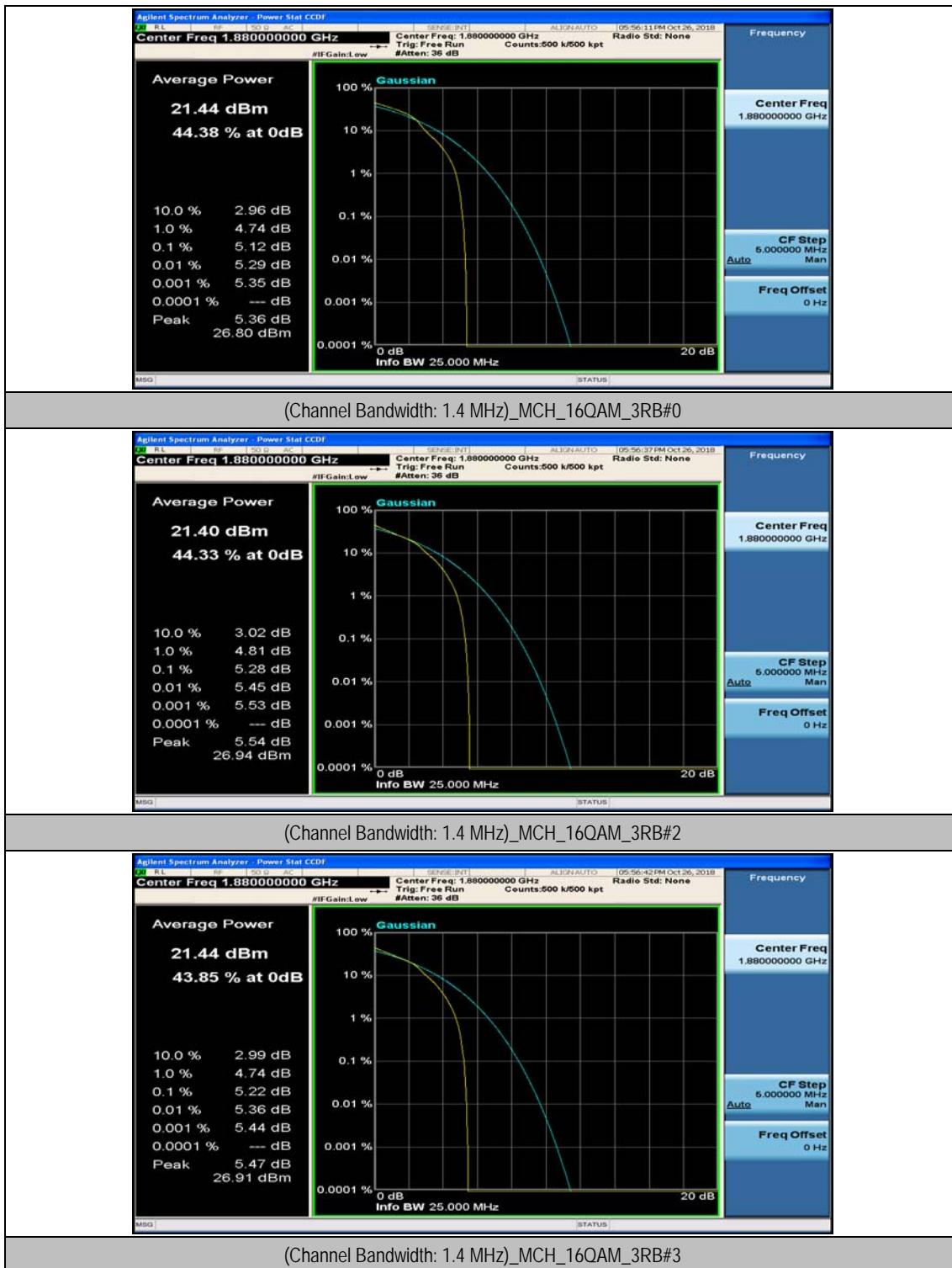


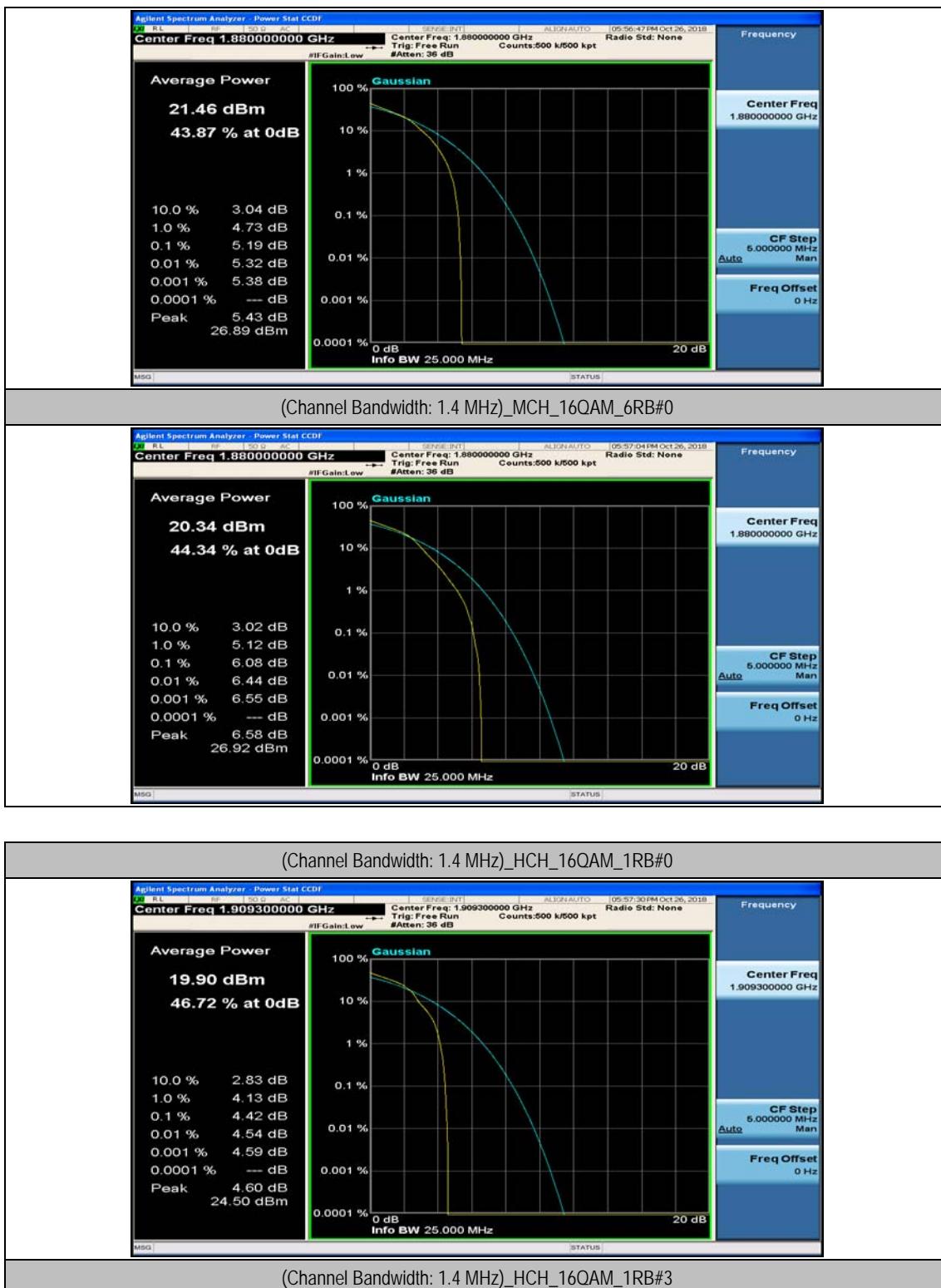
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0

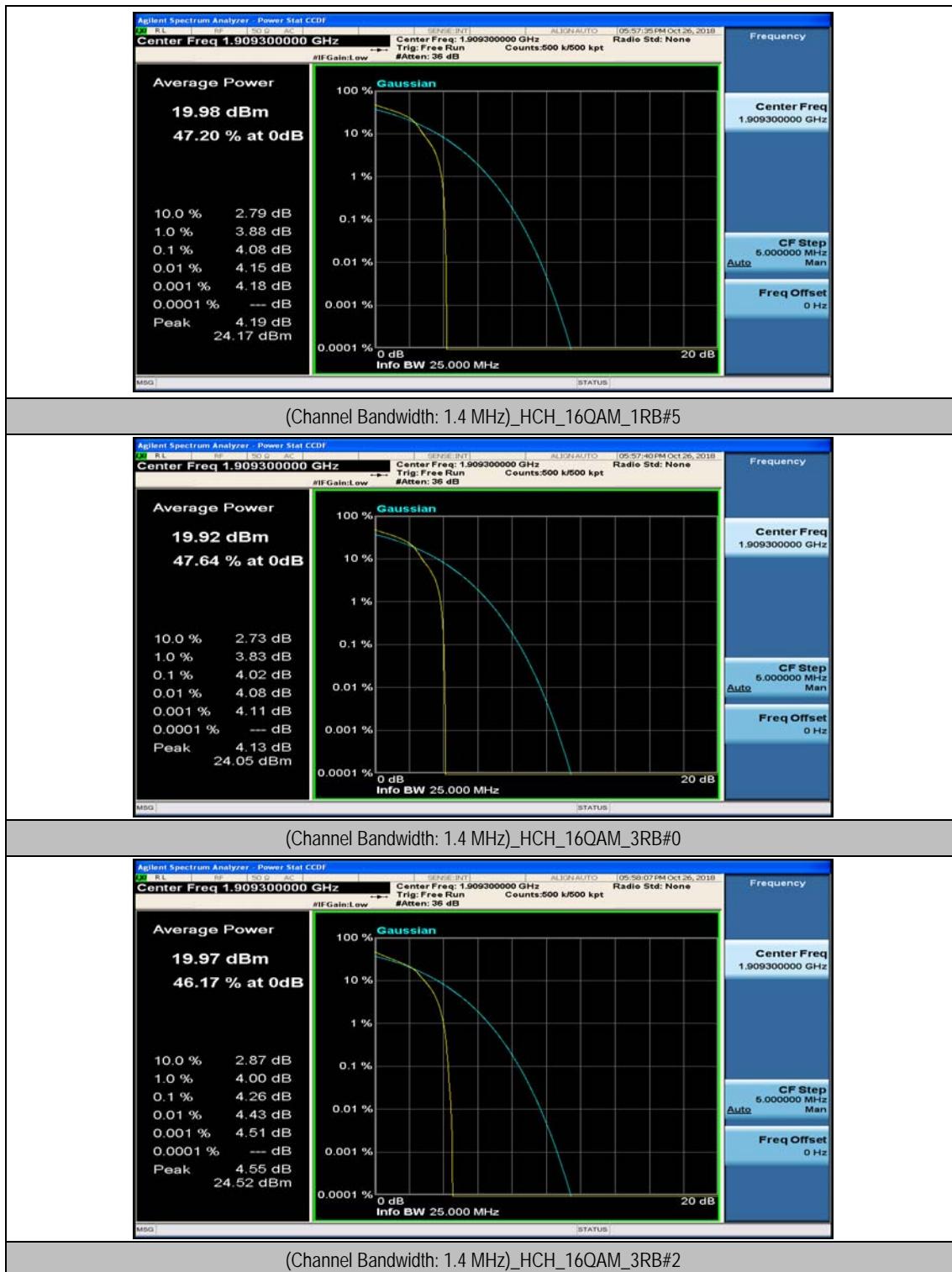


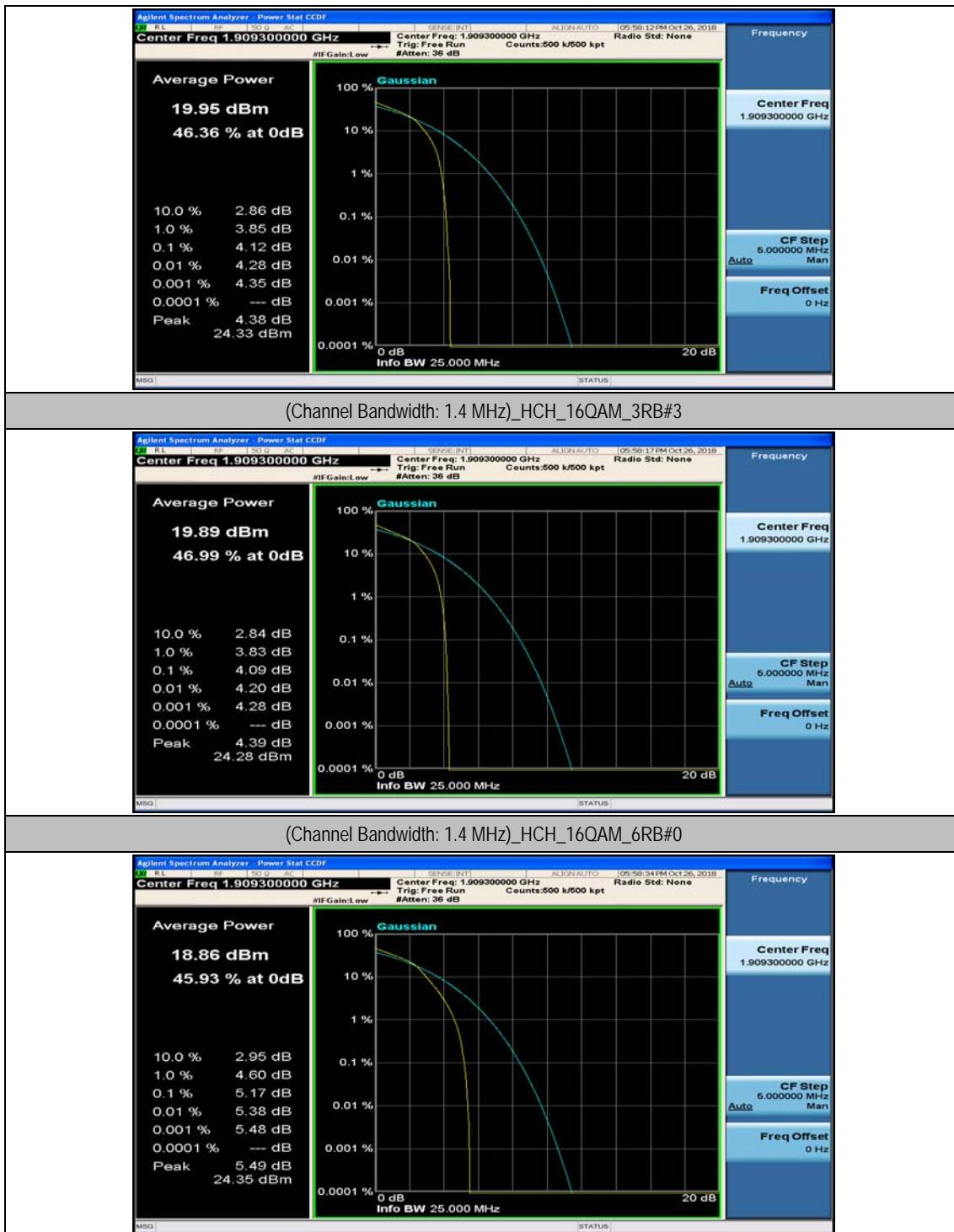




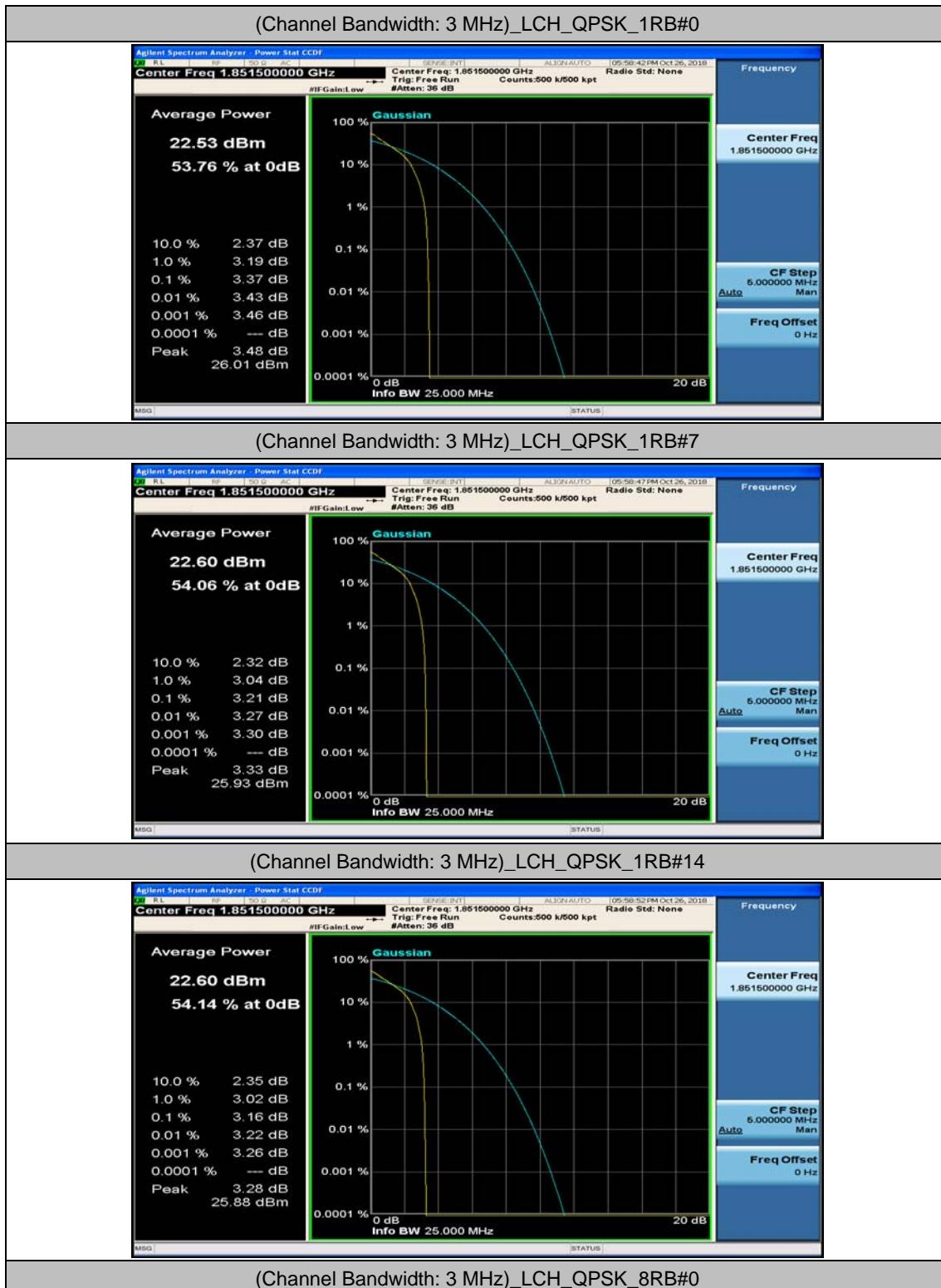


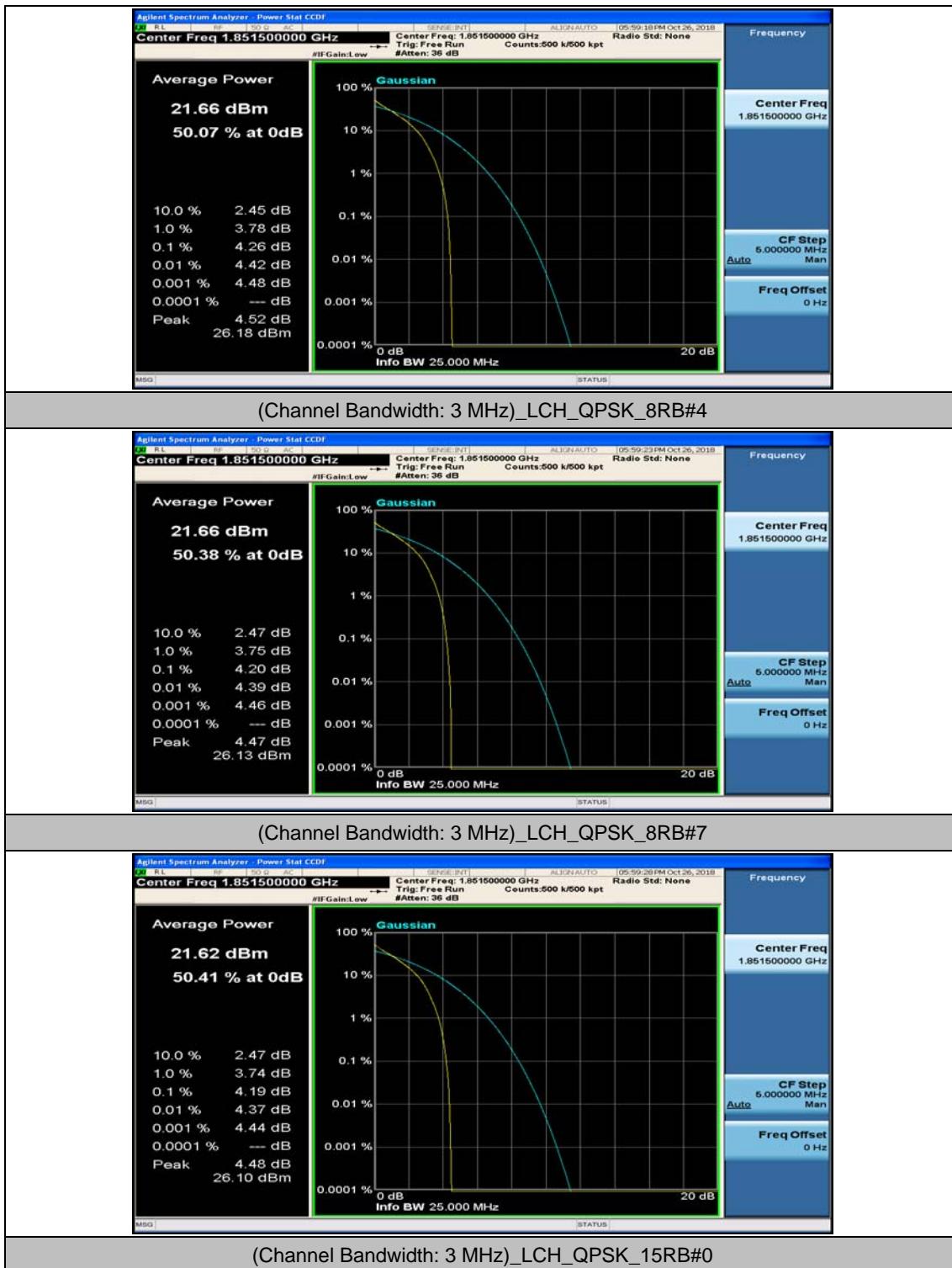


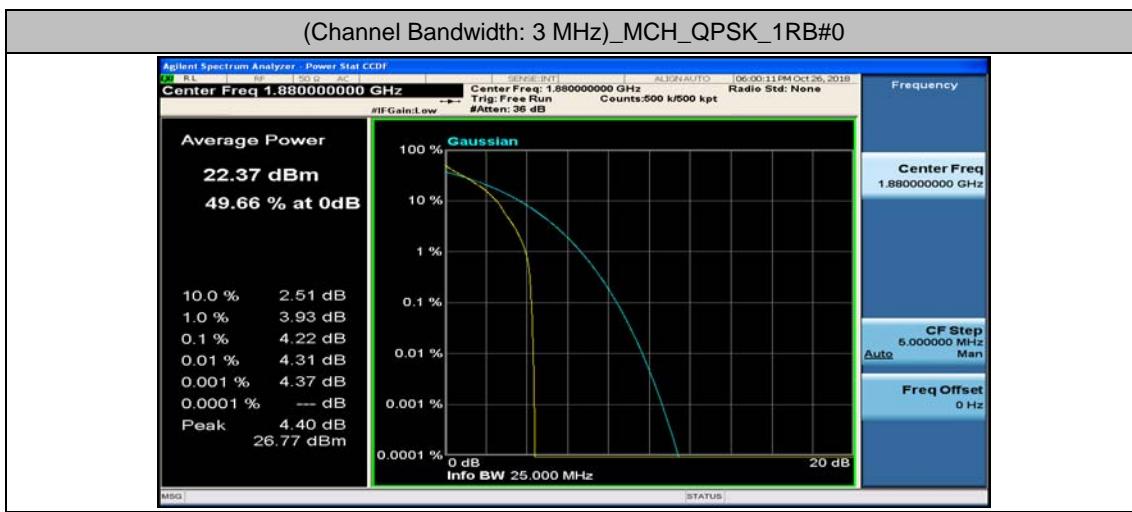
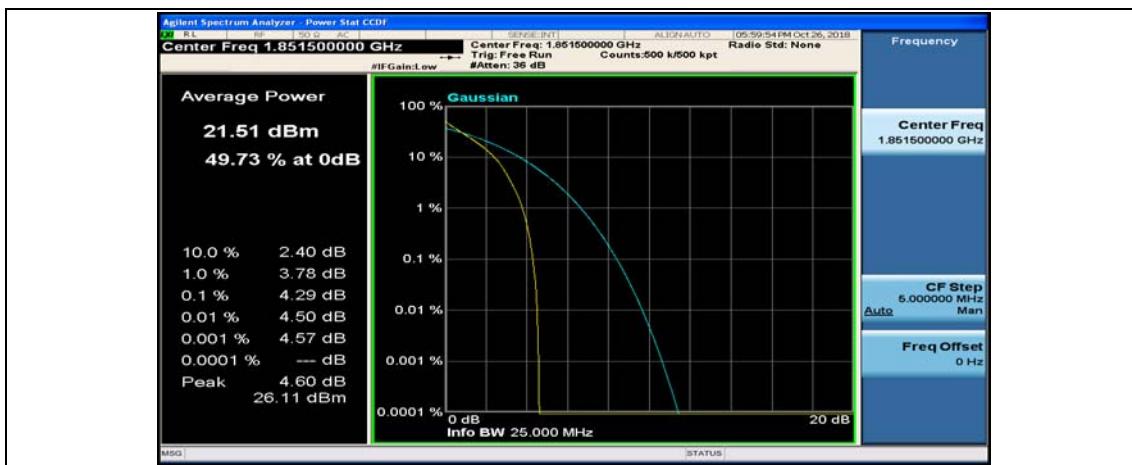




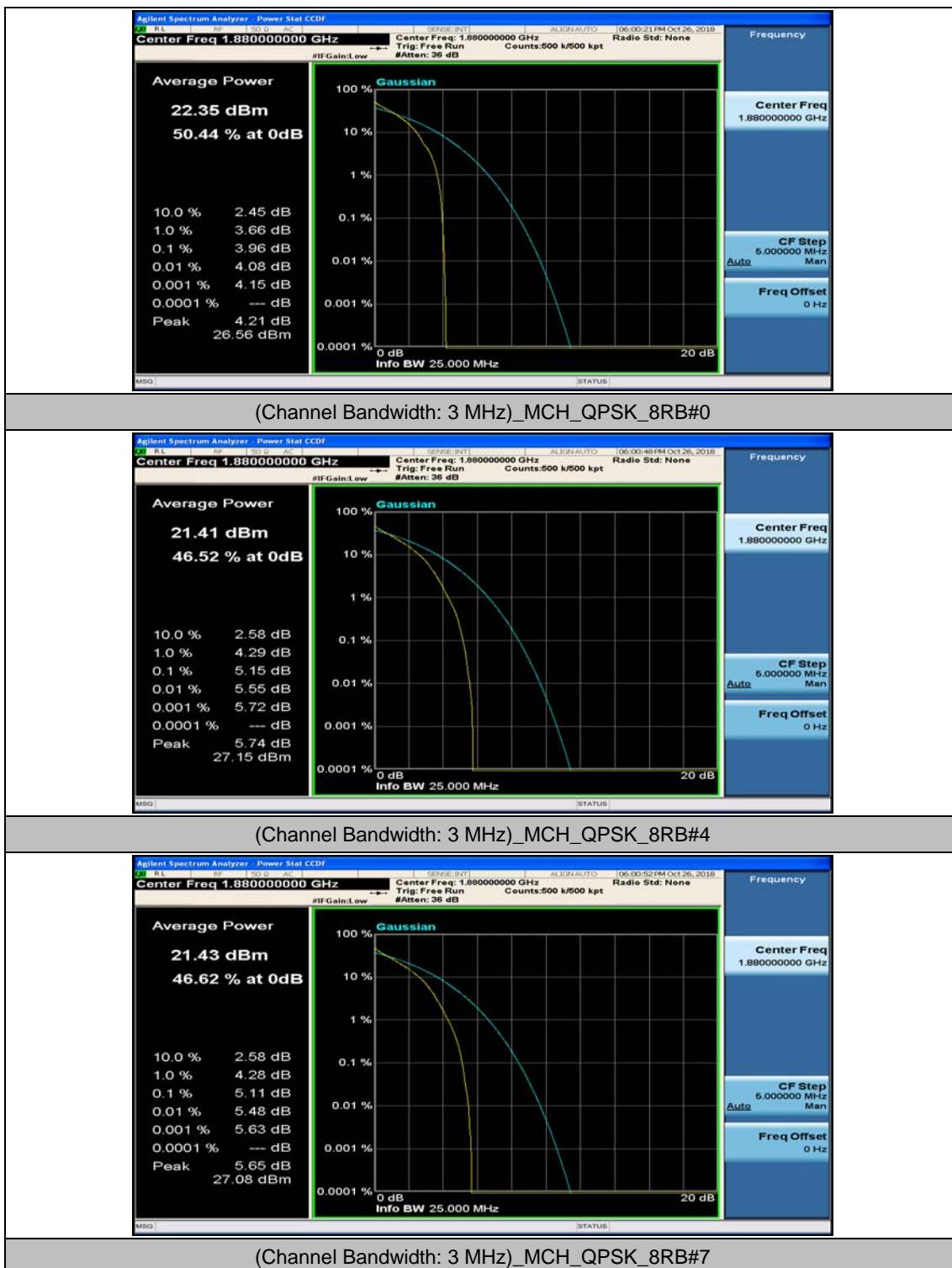
Channel Bandwidth: 3 MHz

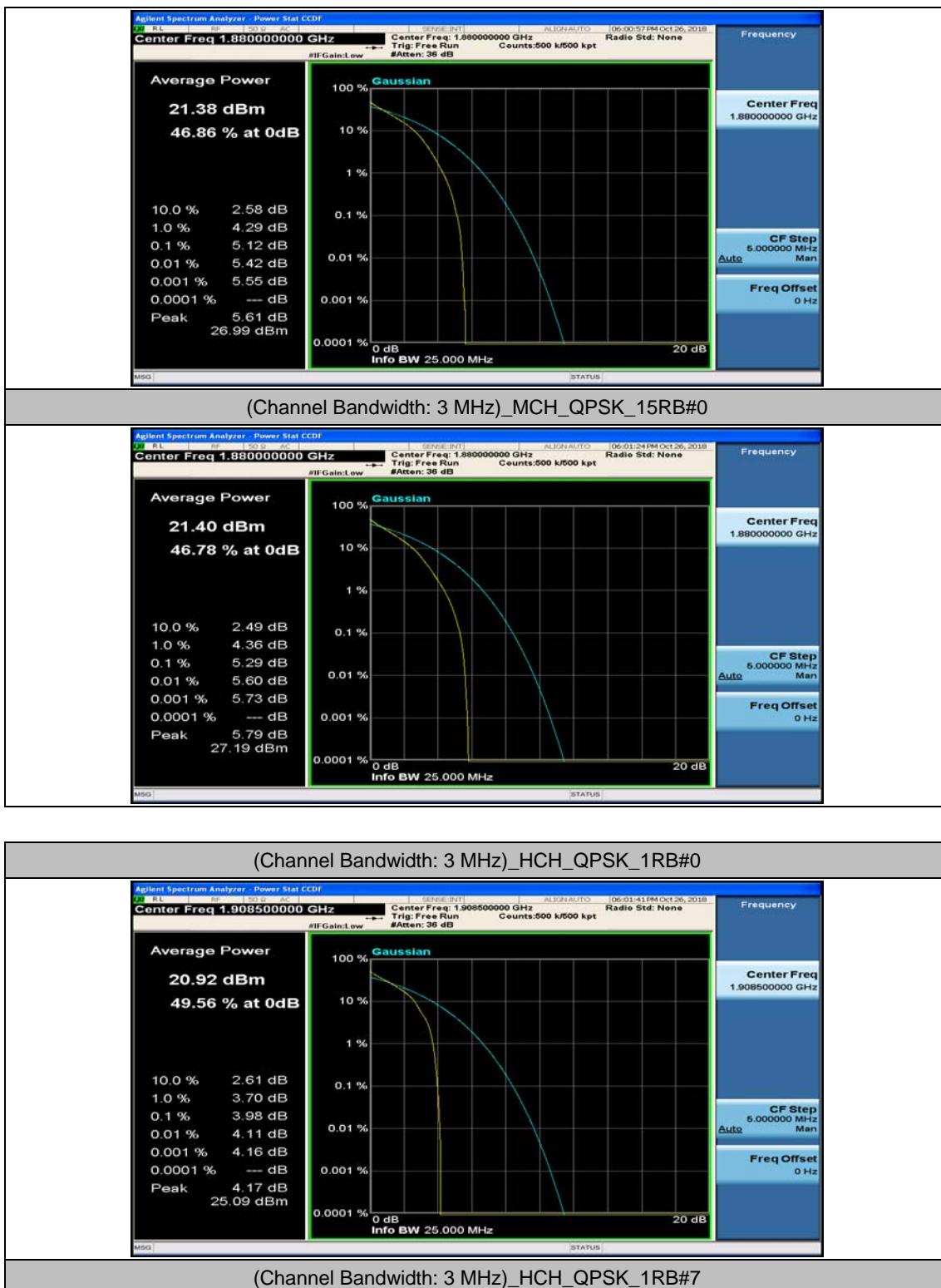


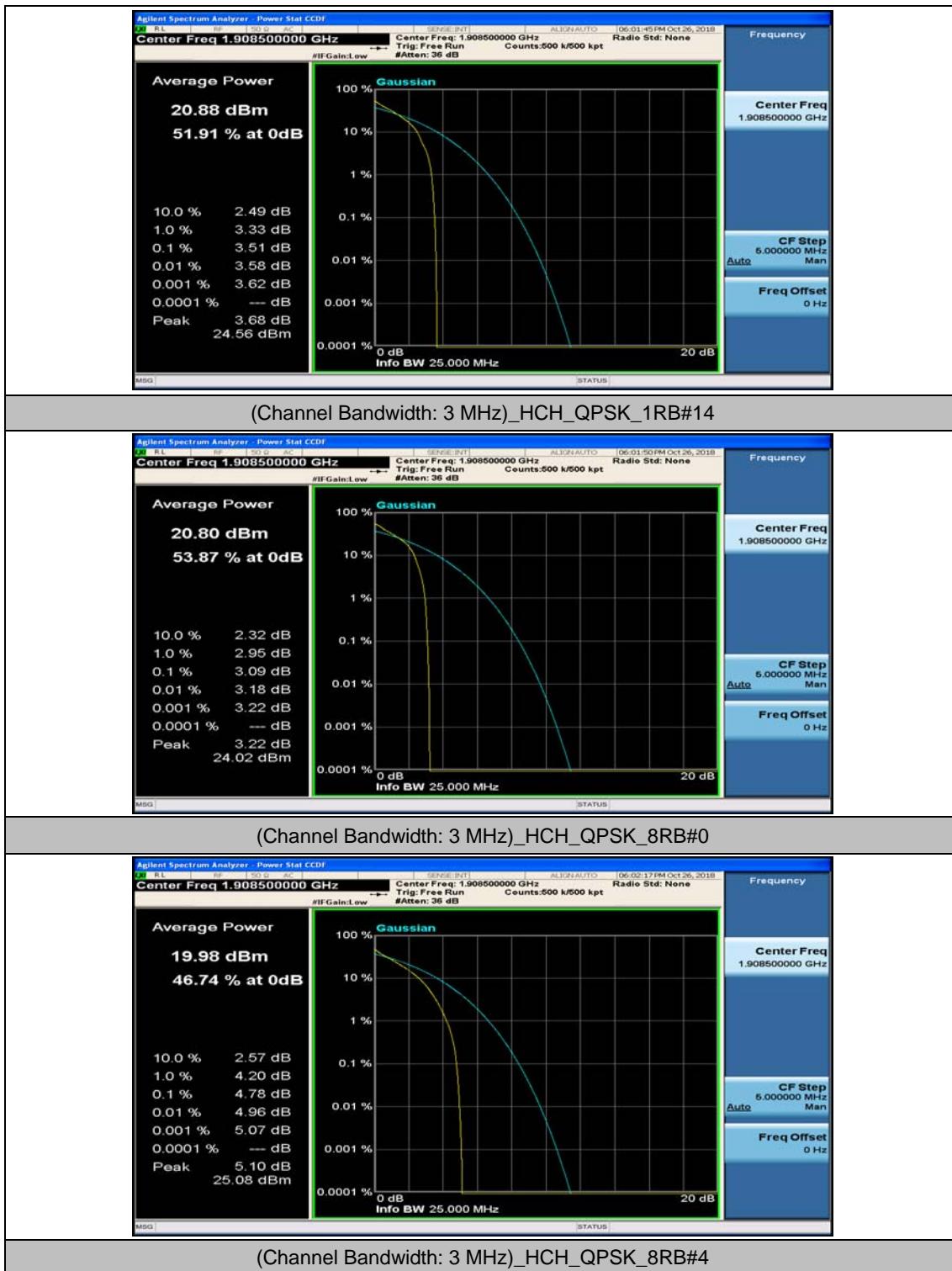


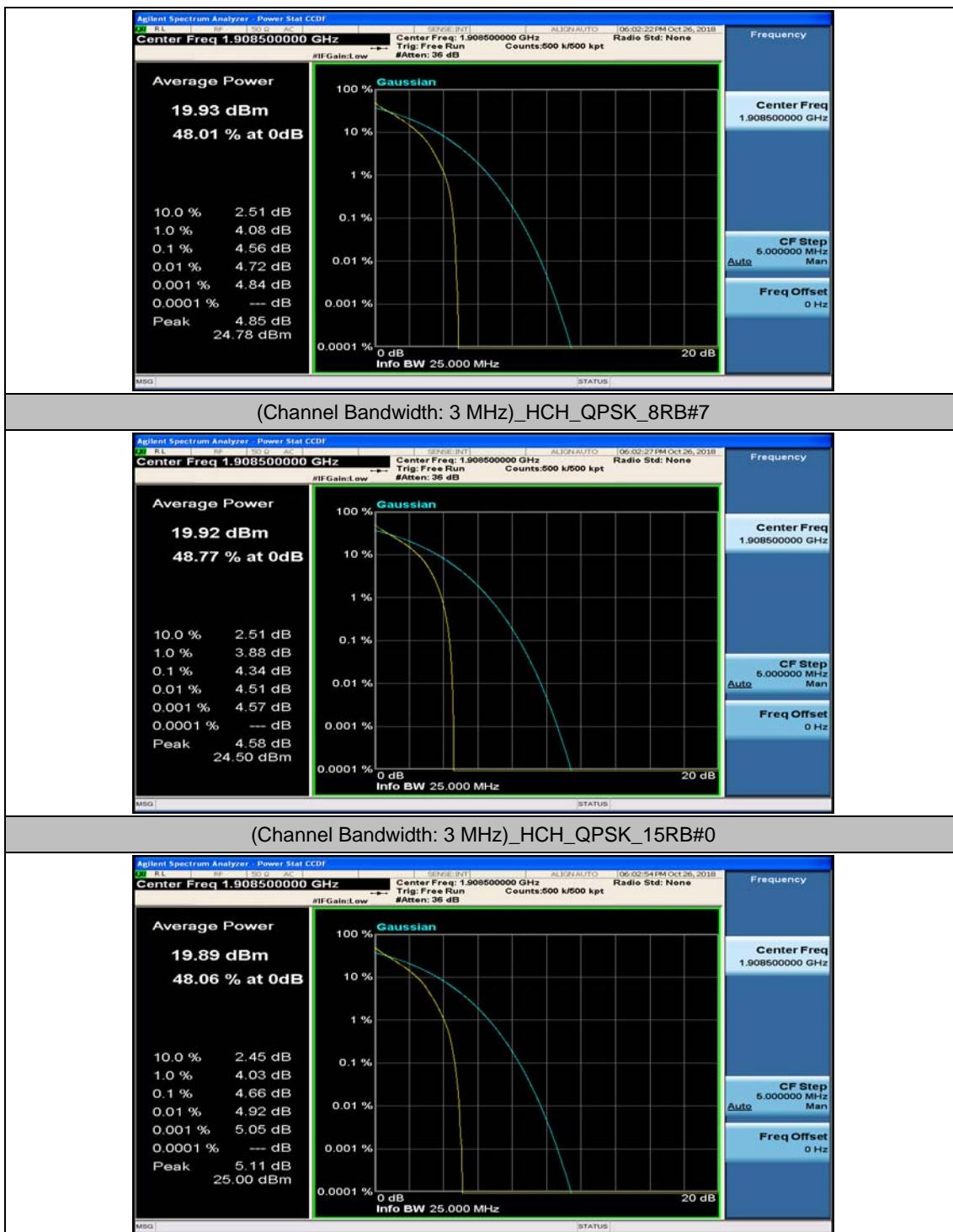


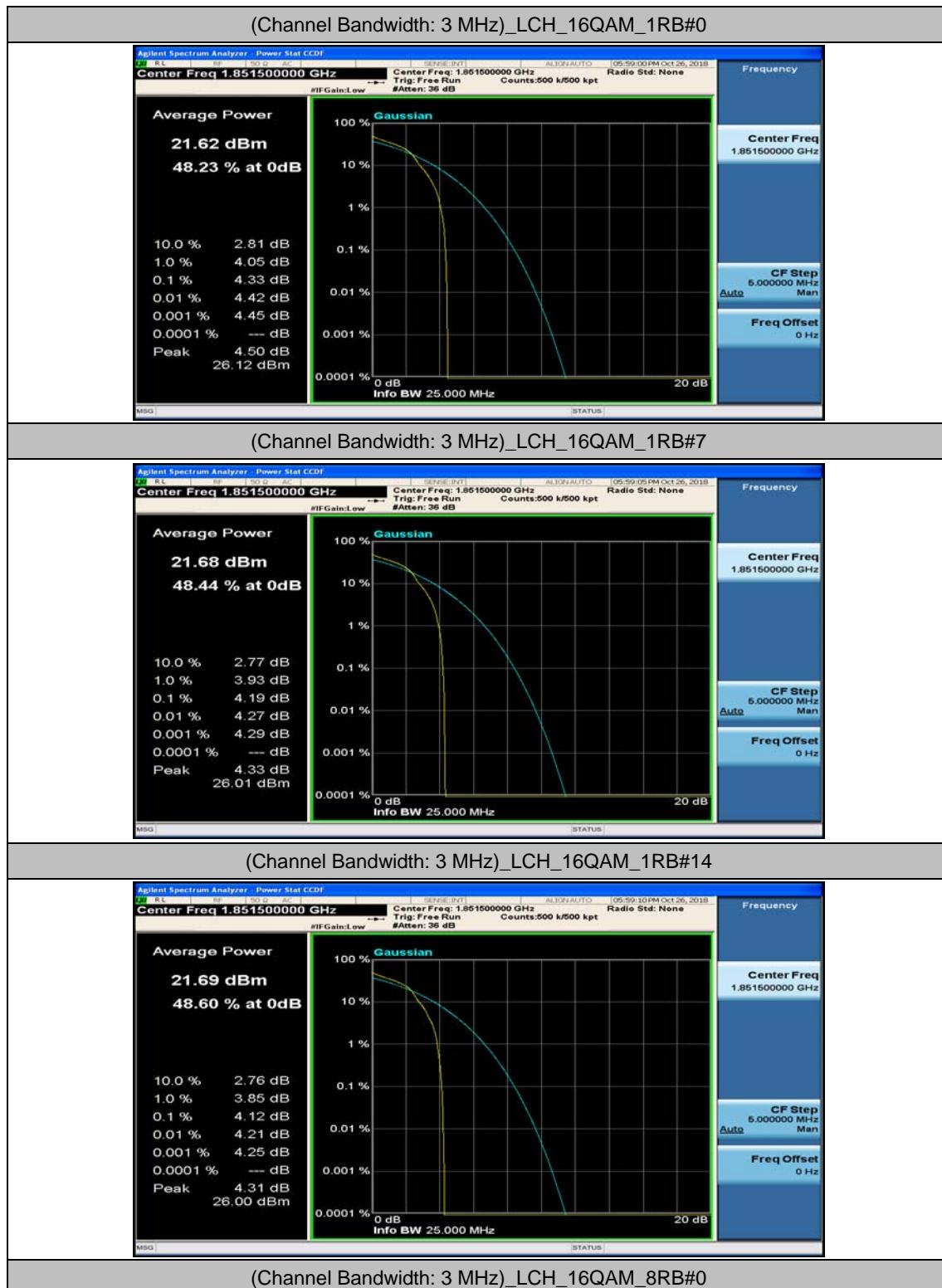
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14

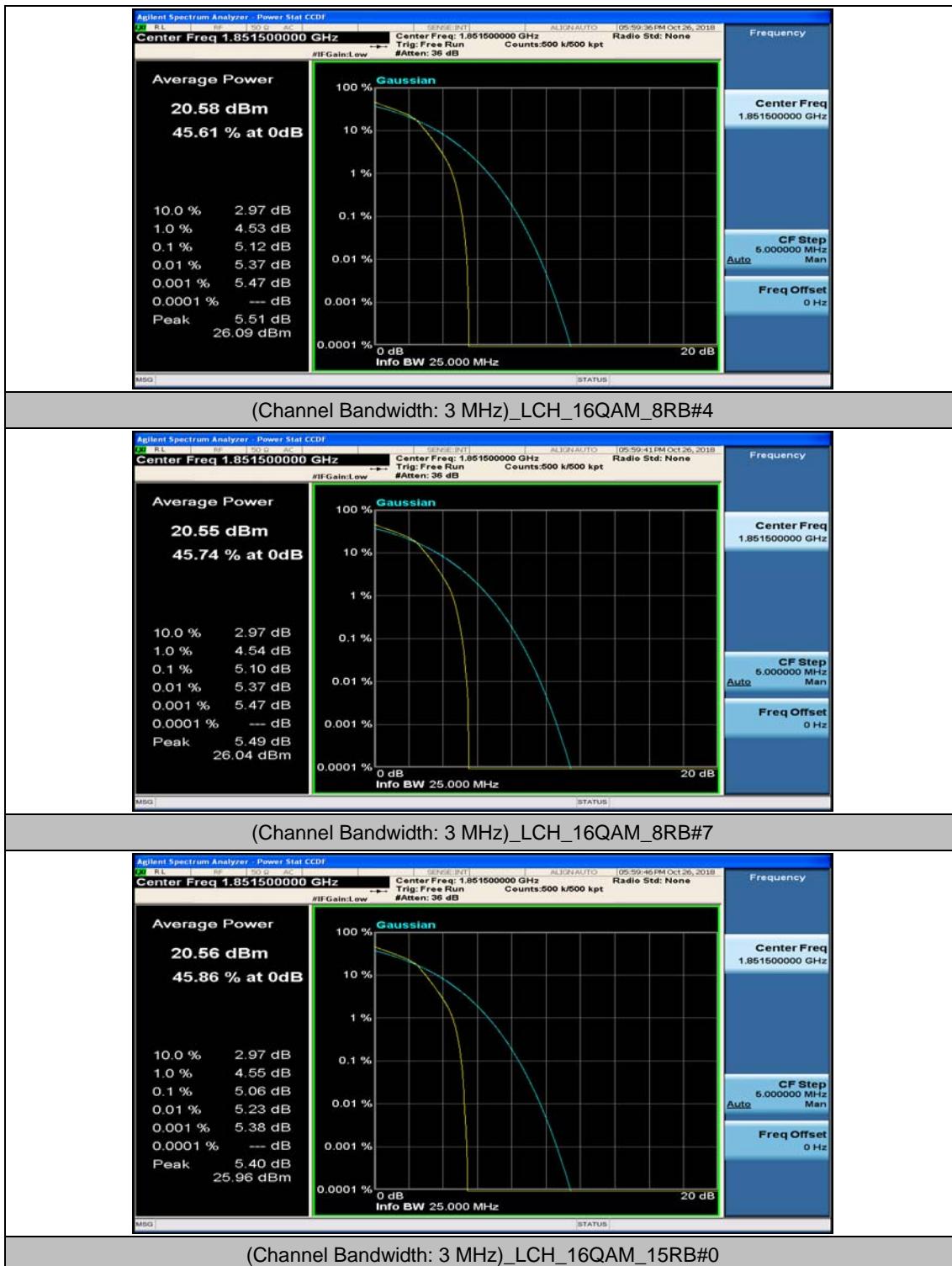


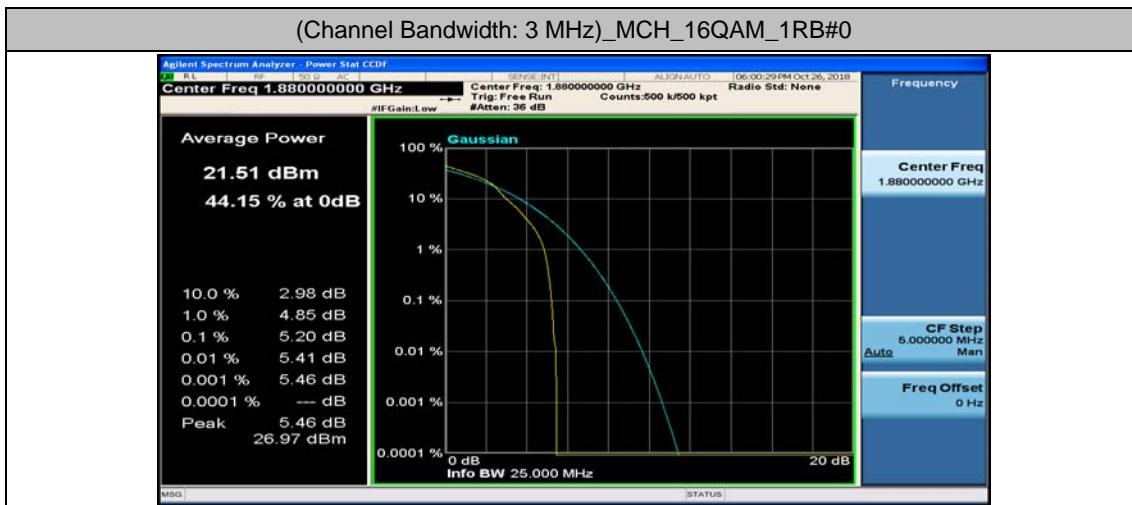
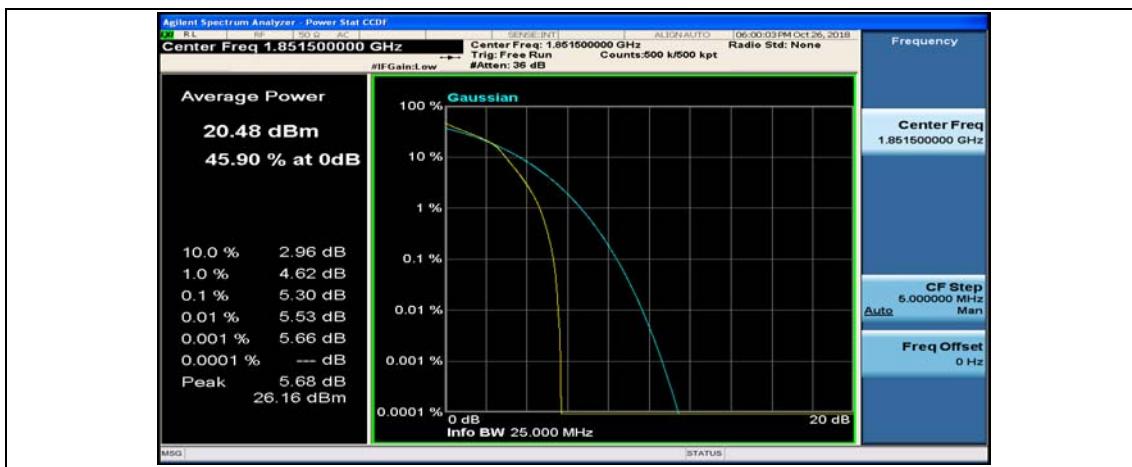




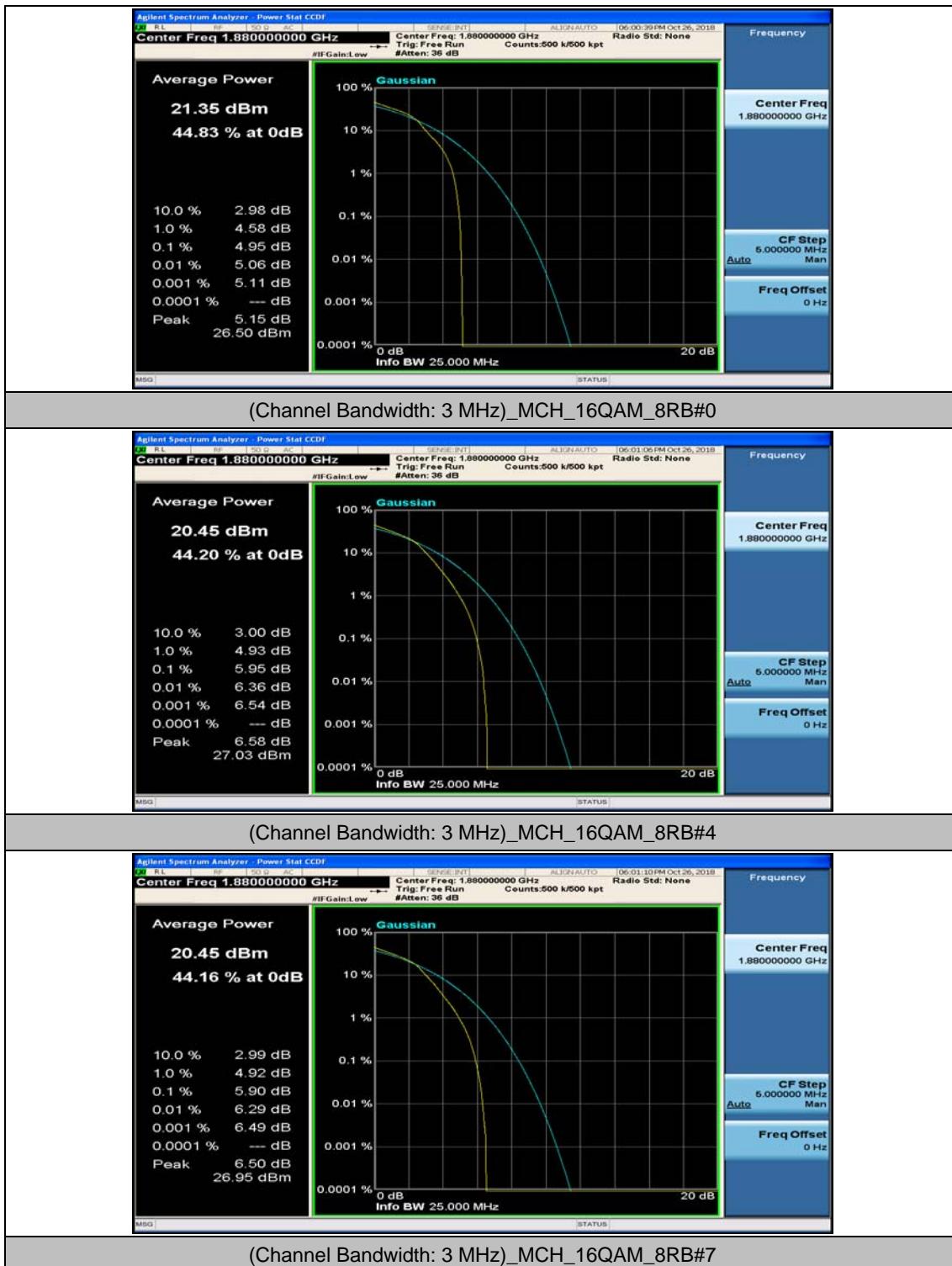


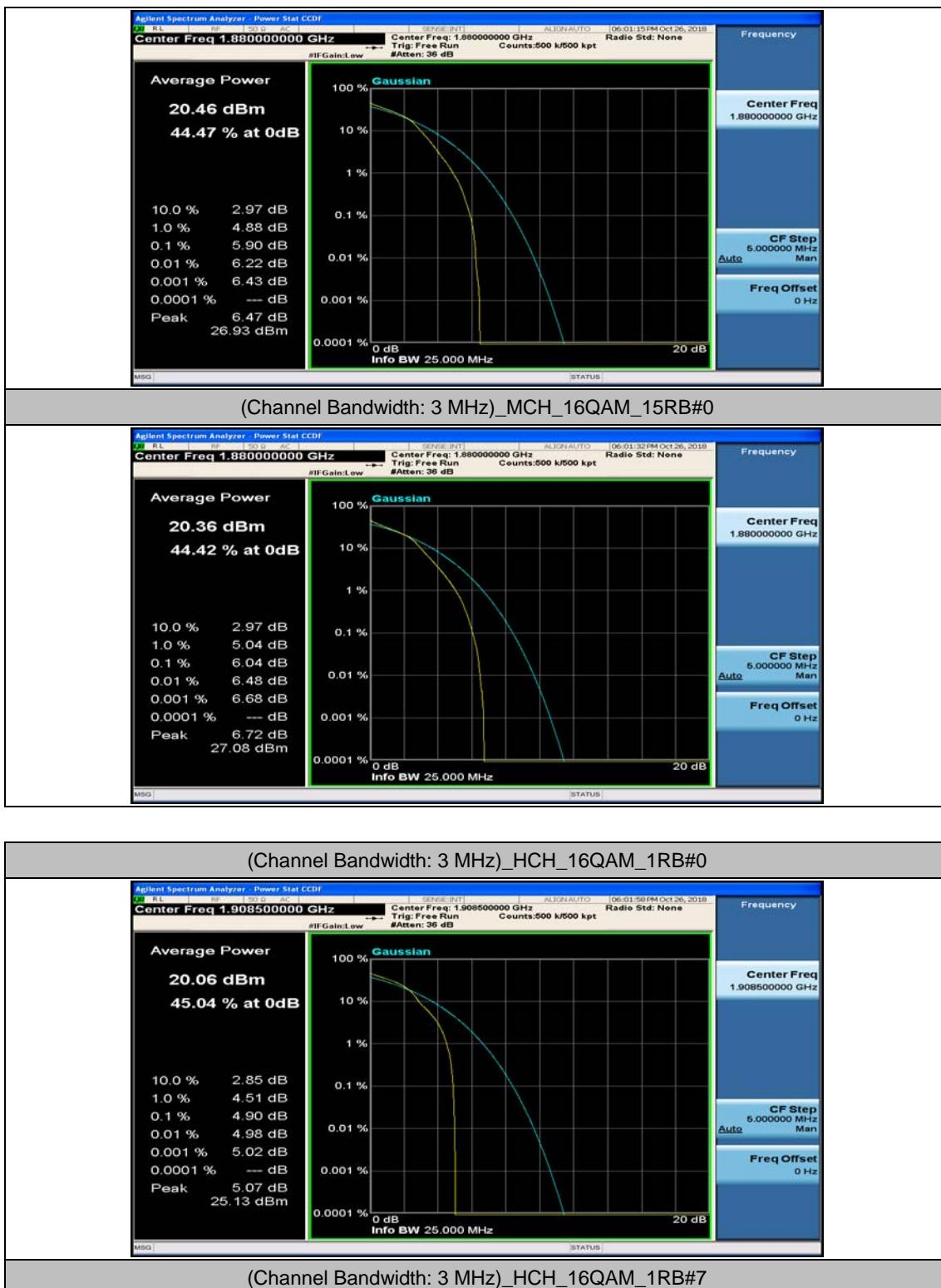


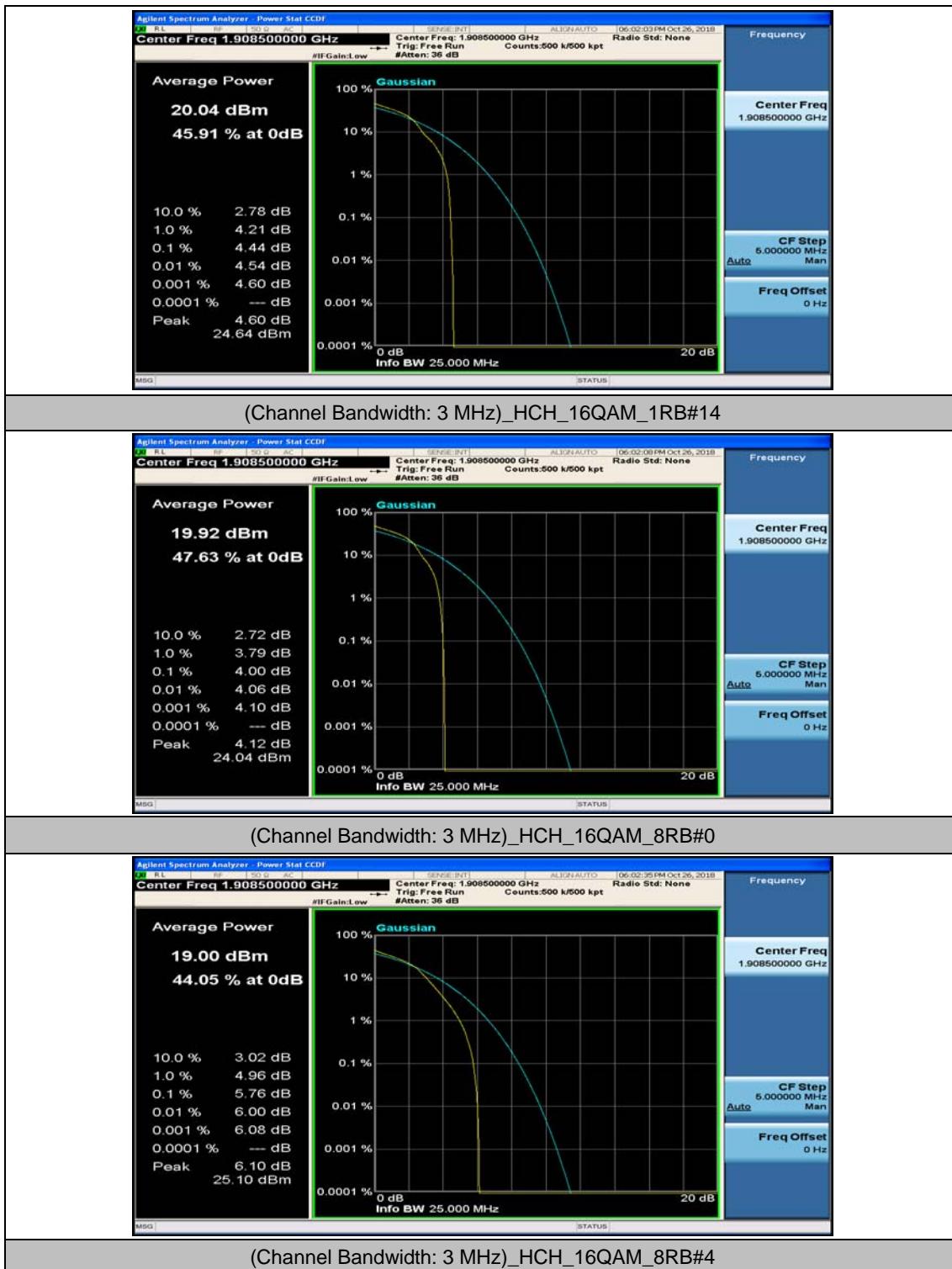


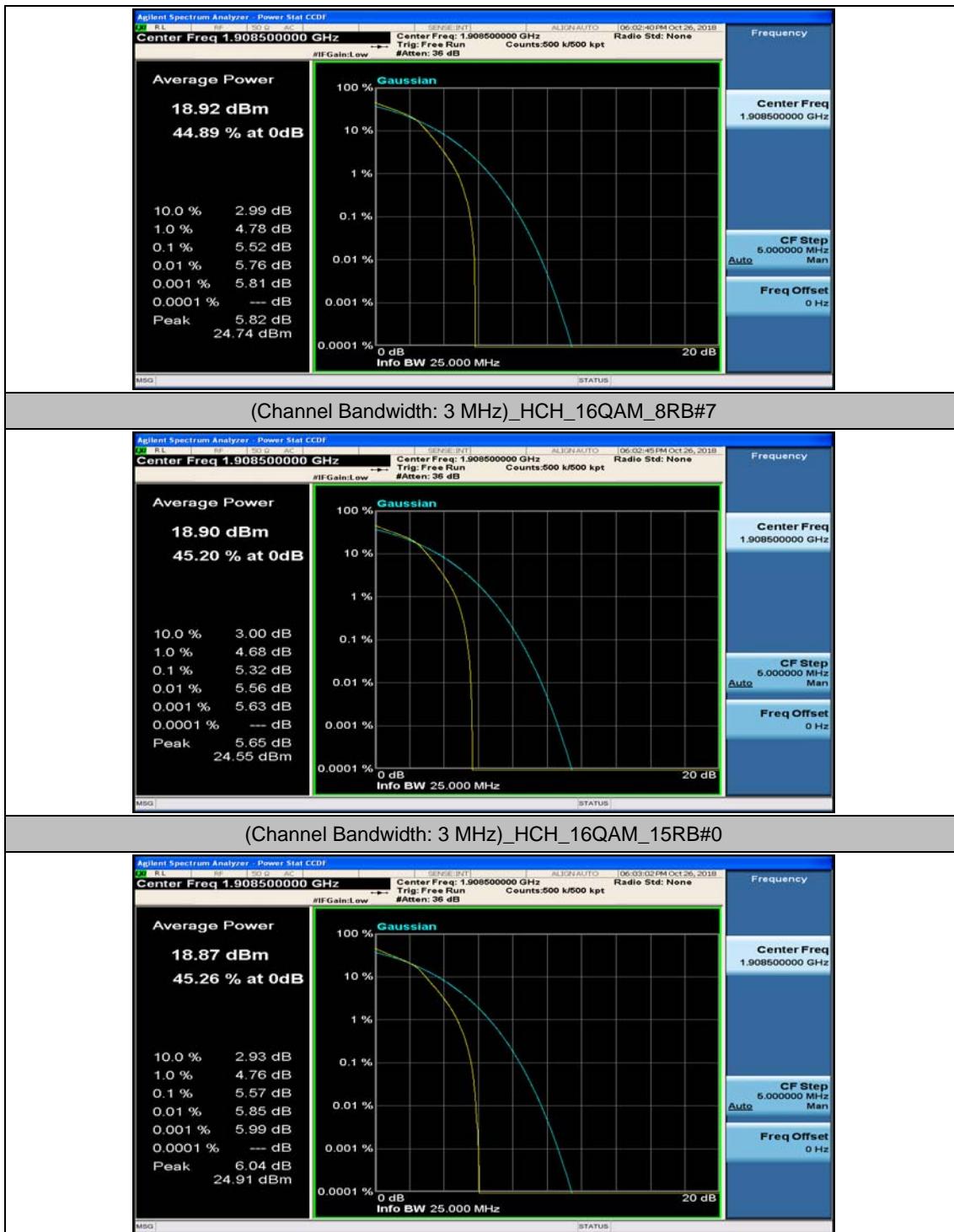


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14

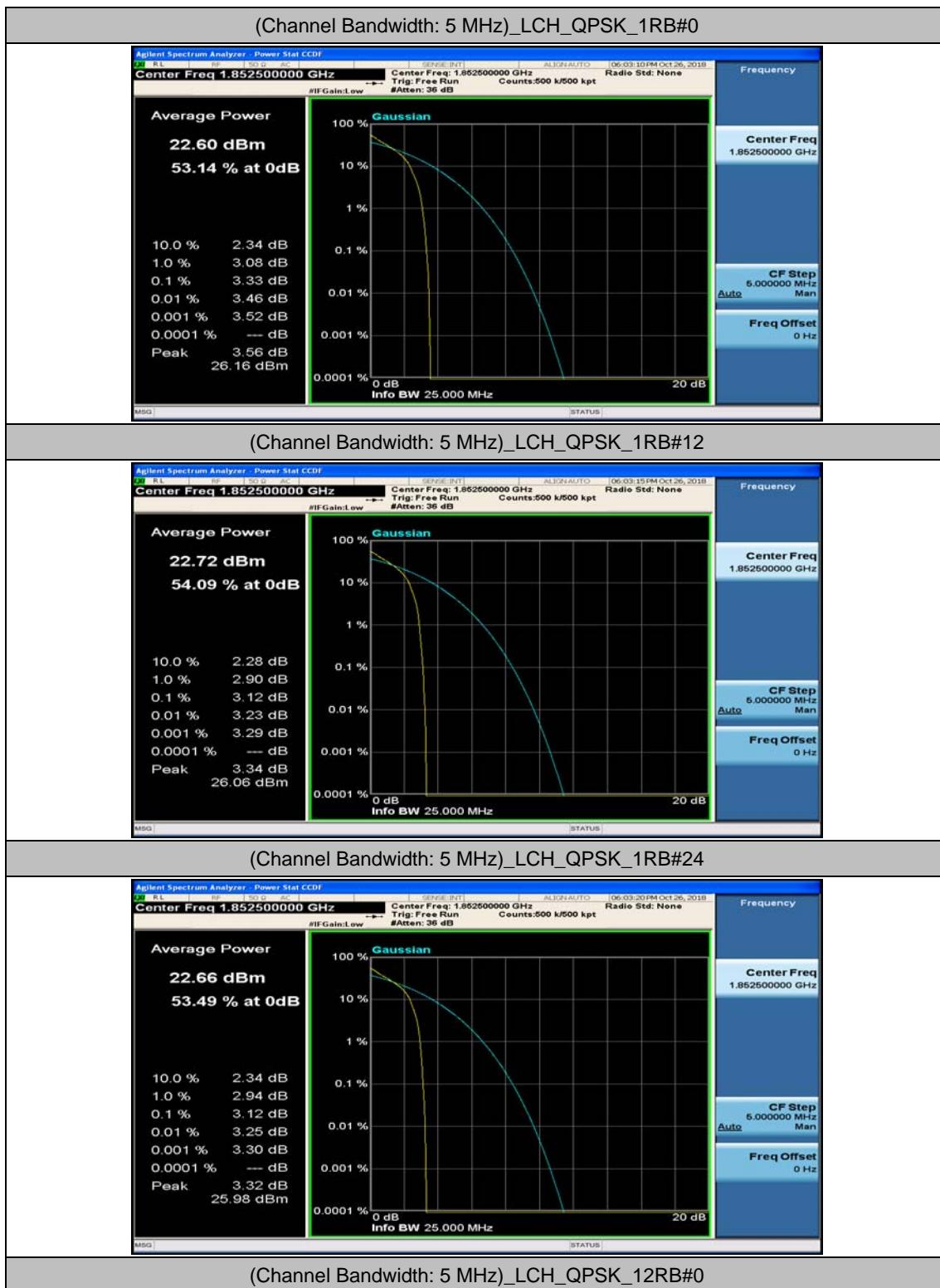


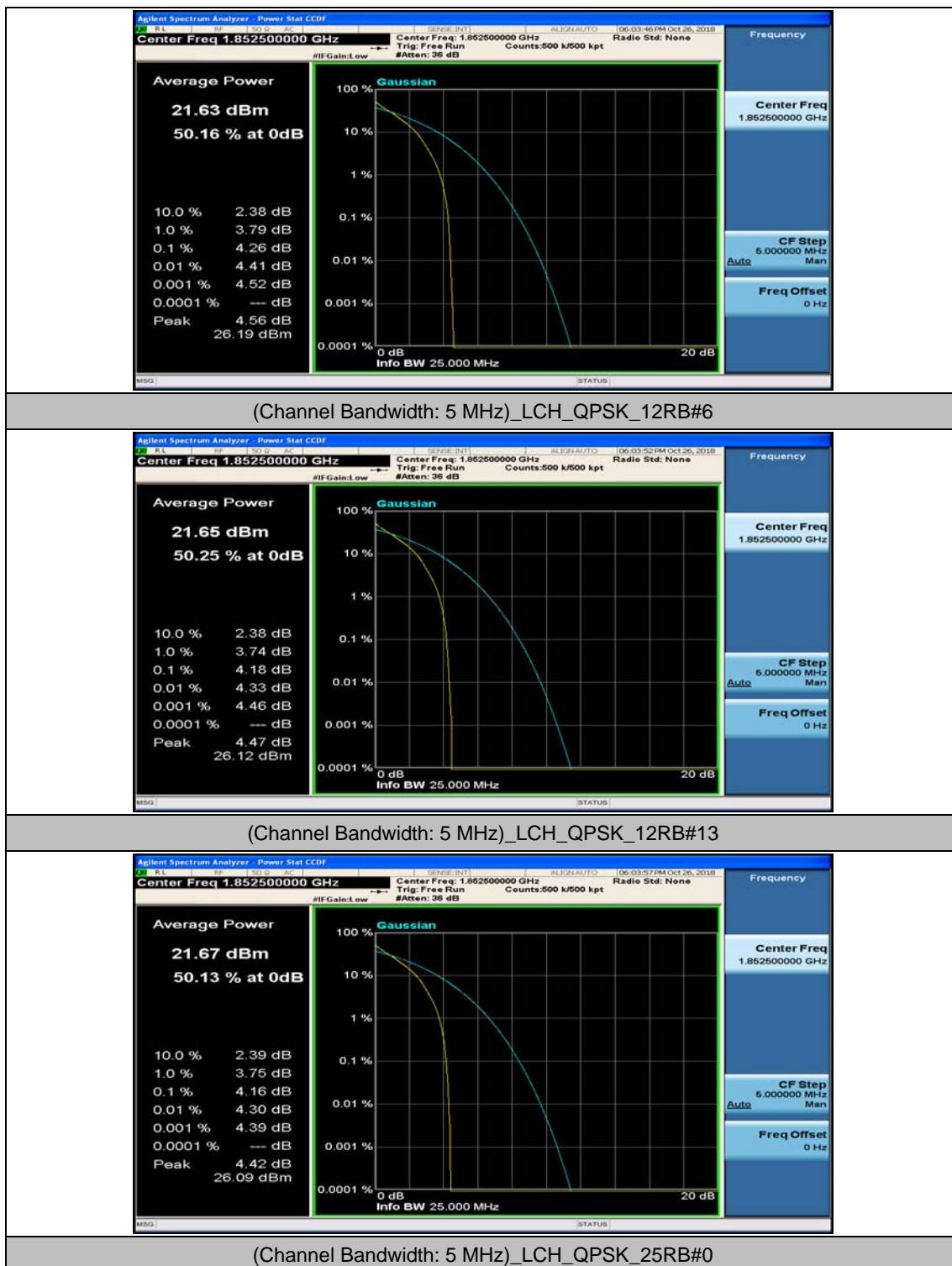


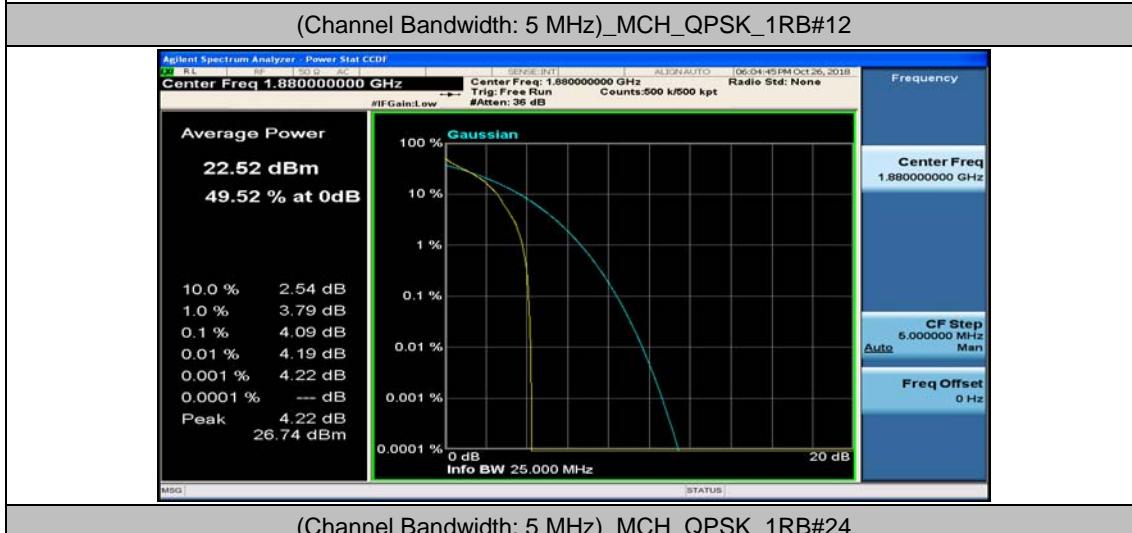
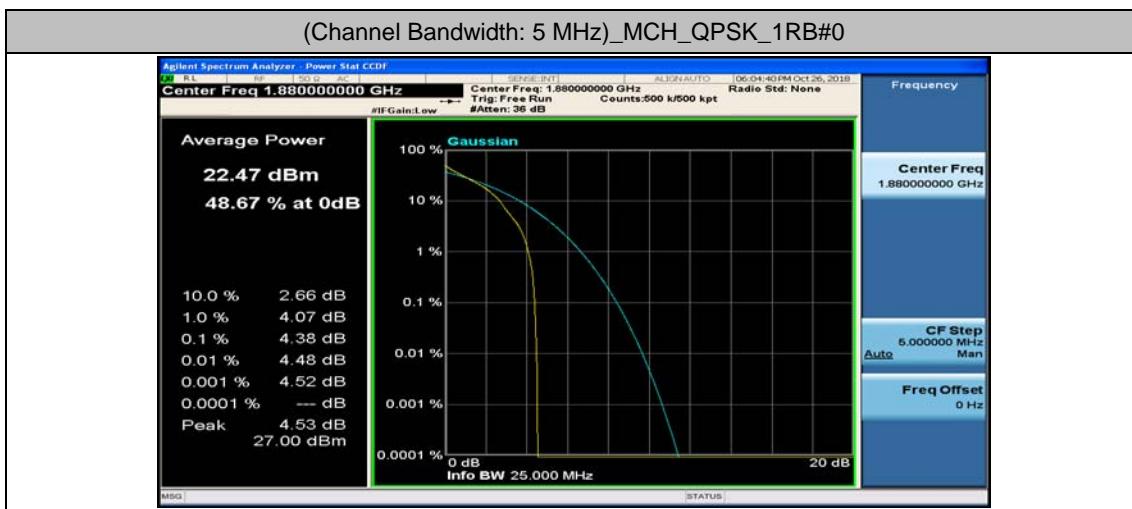
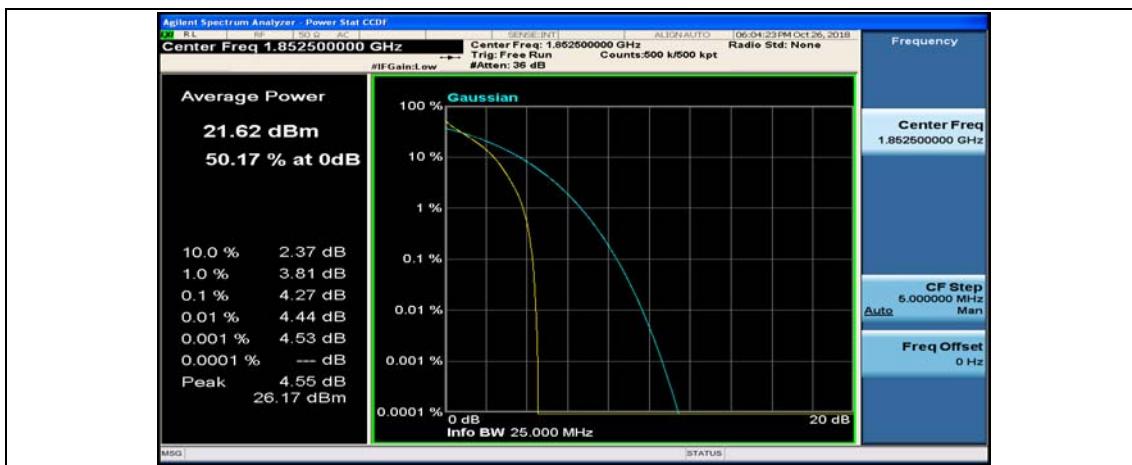




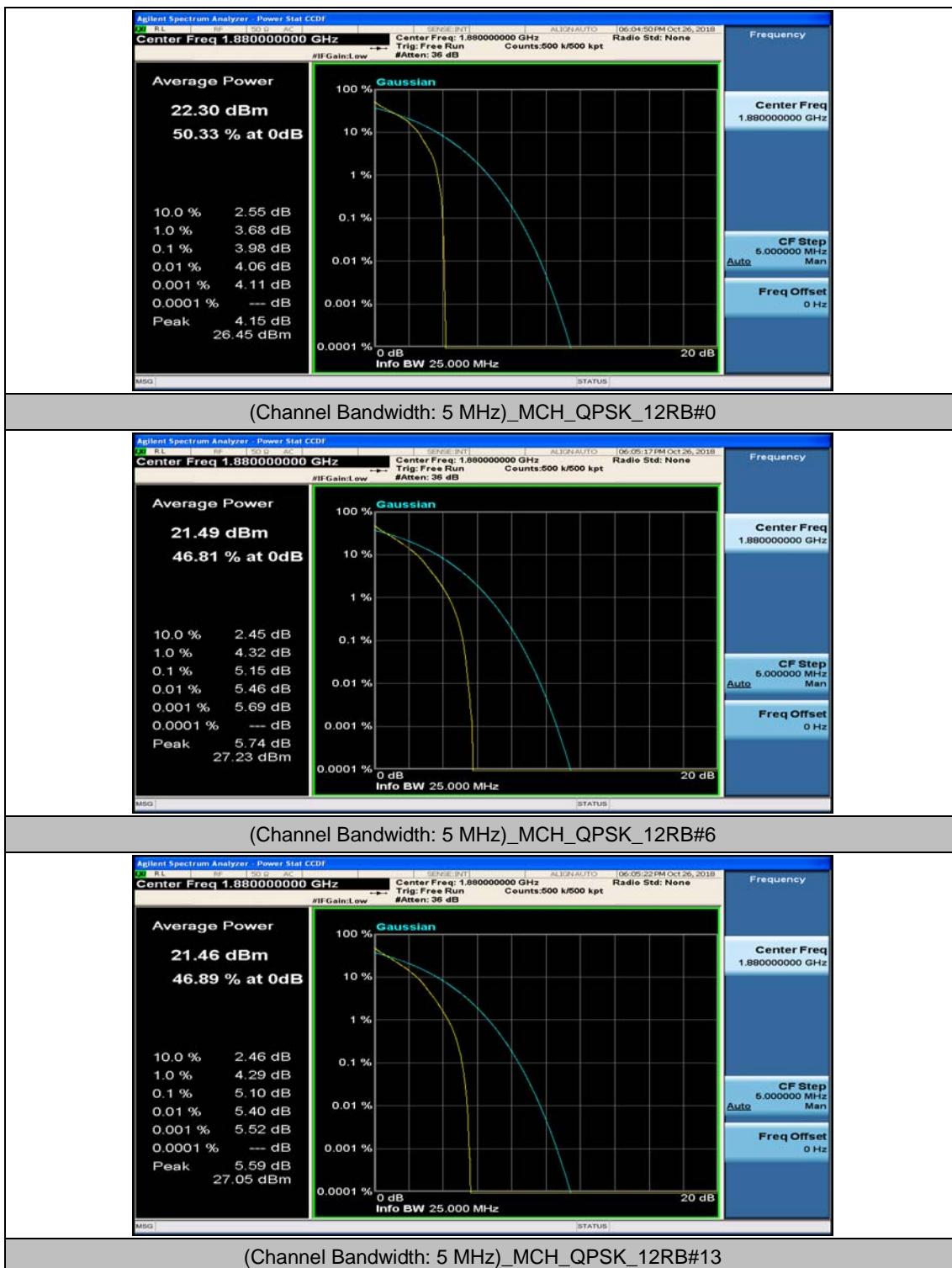
Channel Bandwidth: 5 MHz

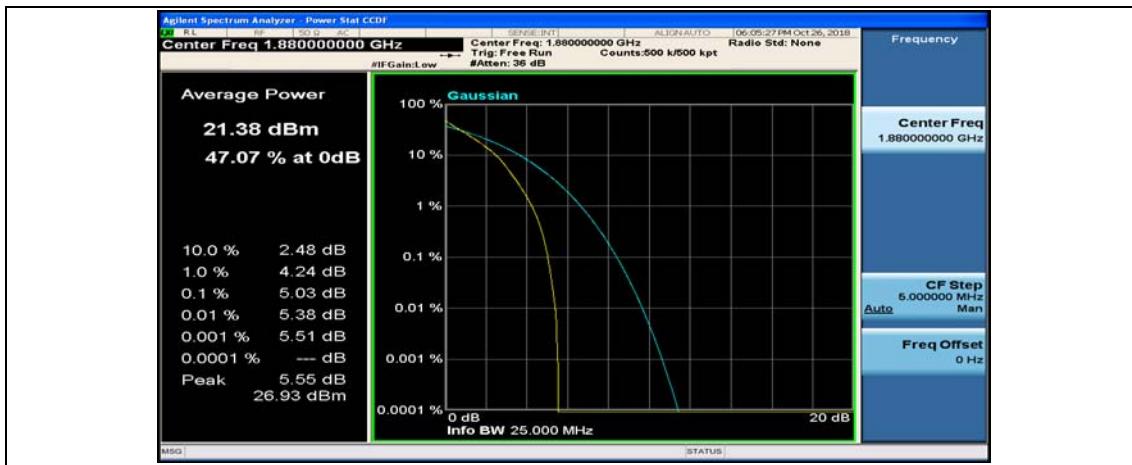




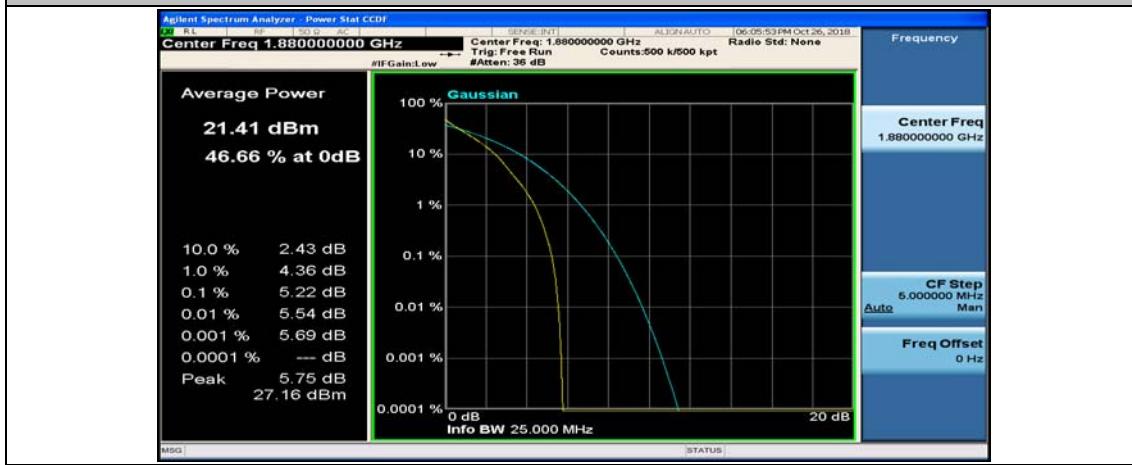


(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24

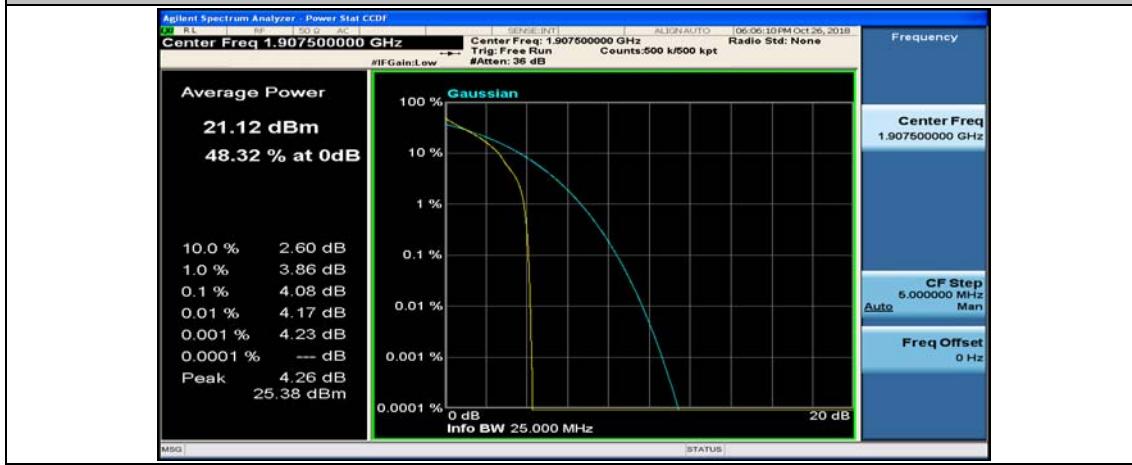




(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12

