

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	23.08	PASS
		1	3	23.27	PASS
		1	5	22.92	PASS
		3	0	23.00	PASS
		3	2	23.03	PASS
		3	3	22.98	PASS
		6	0	22.07	PASS
	MCH	1	0	23.87	PASS
		1	3	23.77	PASS
		1	5	23.73	PASS
		3	0	22.75	PASS
		3	2	22.74	PASS
		3	3	22.84	PASS
		6	0	22.79	PASS
	HCH	1	0	24.30	PASS
		1	3	24.33	PASS
		1	5	24.24	PASS
		3	0	22.35	PASS
		3	2	22.29	PASS
		3	3	22.51	PASS
		6	0	23.39	PASS
16QAM	LCH	1	0	22.51	PASS
		1	3	23.13	PASS
		1	5	22.94	PASS
		3	0	22.27	PASS
		3	2	22.26	PASS
		3	3	22.21	PASS
		6	0	21.09	PASS
	MCH	1	0	23.33	PASS
		1	3	23.38	PASS
		1	5	23.37	PASS
		3	0	22.71	PASS

		3	2	22.74	PASS
		3	3	22.61	PASS
		6	0	21.73	PASS
HCH		1	0	23.72	PASS
		1	3	23.96	PASS
		1	5	23.95	PASS
		3	0	22.22	PASS
		3	2	22.21	PASS
		3	3	22.26	PASS
		6	0	22.72	PASS

Channel Bandwidth: 3 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.22	PASS
		1	7	23.15	PASS
		1	14	23.33	PASS
		8	0	22.10	PASS
		8	4	22.11	PASS
		8	7	22.12	PASS
		15	0	22.10	PASS
	MCH	1	0	23.77	PASS
		1	7	23.65	PASS
		1	14	24.05	PASS
		8	0	22.90	PASS
		8	4	22.84	PASS
		8	7	22.89	PASS
		15	0	22.90	PASS
	HCH	1	0	24.27	PASS
		1	7	24.08	PASS
		1	14	24.43	PASS
		8	0	22.28	PASS
		8	4	22.33	PASS
		8	7	22.25	PASS
		15	0	22.34	PASS
16QAM	LCH	1	0	22.99	PASS
		1	7	22.81	PASS
		1	14	22.93	PASS
		8	0	22.18	PASS
		8	4	22.10	PASS
		8	7	22.11	PASS
		15	0	22.10	PASS

		1	0	23.63	PASS
		1	7	23.60	PASS
		1	14	23.74	PASS
	MCH	8	0	22.01	PASS
		8	4	21.97	PASS
		8	7	22.00	PASS
		15	0	21.84	PASS
		1	0	23.81	PASS
	HCH	1	7	23.55	PASS
		1	14	24.09	PASS
		8	0	22.39	PASS
		8	4	22.30	PASS
		8	7	22.30	PASS
		15	0	22.24	PASS

Channel Bandwidth: 5 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.93	PASS
		1	12	23.22	PASS
		1	24	23.24	PASS
		12	0	22.21	PASS
		12	6	22.09	PASS
		12	13	22.31	PASS
		25	0	22.20	PASS
	MCH	1	0	23.74	PASS
		1	12	22.69	PASS
		1	24	24.02	PASS
		12	0	22.91	PASS
		12	6	22.84	PASS
		12	13	22.07	PASS
		25	0	21.91	PASS
	HCH	1	0	24.08	PASS
		1	12	24.21	PASS
		1	24	24.16	PASS
		12	0	22.34	PASS
		12	6	22.15	PASS
		12	13	22.32	PASS
		25	0	22.39	PASS
16QAM	LCH	1	0	22.63	PASS
		1	12	22.14	PASS
		1	24	22.92	PASS

		12	0	21.27	PASS
		12	6	21.20	PASS
		12	13	21.50	PASS
		25	0	21.28	PASS
MCH		1	0	23.30	PASS
		1	12	23.32	PASS
		1	24	22.67	PASS
		12	0	21.89	PASS
		12	6	21.91	PASS
		12	13	21.16	PASS
		25	0	21.96	PASS
HCH		1	0	23.22	PASS
		1	12	22.82	PASS
		1	24	23.06	PASS
		12	0	22.31	PASS
		12	6	22.28	PASS
		12	13	22.48	PASS
		25	0	22.65	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.23	PASS
		1	24	23.01	PASS
		1	49	23.20	PASS
		25	0	22.23	PASS
		25	12	22.35	PASS
		25	25	22.26	PASS
		50	0	22.10	PASS
QPSK	MCH	1	0	23.80	PASS
		1	24	23.69	PASS
		1	49	24.07	PASS
		25	0	22.91	PASS
		25	12	22.82	PASS
		25	25	22.10	PASS
		50	0	21.94	PASS
QPSK	HCH	1	0	23.81	PASS
		1	24	24.04	PASS
		1	49	24.21	PASS
		25	0	22.20	PASS
		25	12	22.26	PASS
		25	25	22.31	PASS

		50	0	22.27	PASS
16QAM	LCH	1	0	22.77	PASS
		1	24	22.89	PASS
		1	49	22.79	PASS
		25	0	22.00	PASS
		25	12	21.97	PASS
		25	25	21.06	PASS
		50	0	21.17	PASS
	MCH	1	0	22.36	PASS
		1	24	22.53	PASS
		1	49	23.13	PASS
		25	0	21.90	PASS
		25	12	21.70	PASS
		25	25	21.99	PASS
		50	0	21.99	PASS
		1	0	23.50	PASS
	HCH	1	24	23.38	PASS
		1	49	23.84	PASS
		25	0	22.23	PASS
		25	12	22.21	PASS
		25	25	22.26	PASS
		50	0	22.15	PASS

Channel Bandwidth: 15 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.40	PASS
		1	37	22.10	PASS
		1	74	22.51	PASS
		37	0	21.21	PASS
		37	18	21.19	PASS
		37	38	21.34	PASS
		75	0	21.31	PASS
	MCH	1	0	22.83	PASS
		1	37	22.57	PASS
		1	74	23.30	PASS
		37	0	21.78	PASS
		37	18	21.72	PASS
		37	38	22.01	PASS
		75	0	21.82	PASS
	HCH	1	0	23.71	PASS
		1	37	24.14	PASS

		1	74	24.03	PASS
		37	0	22.89	PASS
		37	18	22.13	PASS
		37	38	22.29	PASS
		75	0	22.03	PASS
16QAM	LCH	1	0	21.47	PASS
		1	37	21.49	PASS
		1	74	22.16	PASS
		37	0	21.26	PASS
		37	18	21.21	PASS
		37	38	21.20	PASS
		75	0	21.18	PASS
	MCH	1	0	22.22	PASS
		1	37	22.00	PASS
		1	74	23.21	PASS
		37	0	21.70	PASS
		37	18	21.62	PASS
		37	38	21.86	PASS
		75	0	21.80	PASS
	HCH	1	0	23.58	PASS
		1	37	23.87	PASS
		1	74	24.21	PASS
		37	0	21.98	PASS
		37	18	21.94	PASS
		37	38	22.12	PASS
		75	0	21.99	PASS

Channel Bandwidth: 20 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.49	PASS
		1	49	22.33	PASS
		1	99	22.82	PASS
		50	0	21.28	PASS
		50	25	21.32	PASS
		50	50	21.44	PASS
		100	0	21.29	PASS
	MCH	1	0	22.81	PASS
		1	49	22.97	PASS
		1	99	23.54	PASS
		50	0	21.71	PASS
		50	25	21.79	PASS

		50	50	22.05	PASS
		100	0	21.87	PASS
16QAM	HCH	1	0	23.54	PASS
		1	49	23.97	PASS
		1	99	24.53	PASS
		50	0	22.74	PASS
		50	25	23.01	PASS
		50	50	23.29	PASS
		100	0	22.98	PASS
		1	0	21.10	PASS
LCH	LCH	1	49	21.85	PASS
		1	99	21.91	PASS
		50	0	21.15	PASS
		50	25	21.23	PASS
		50	50	21.42	PASS
		100	0	21.30	PASS
	MCH	1	0	22.14	PASS
		1	49	21.50	PASS
		1	99	22.05	PASS
		50	0	21.75	PASS
		50	25	21.77	PASS
		50	50	21.94	PASS
		100	0	21.81	PASS
HCH	HCH	1	0	22.59	PASS
		1	49	22.95	PASS
		1	99	23.79	PASS
		50	0	21.62	PASS
		50	25	21.97	PASS
		50	50	22.33	PASS
		100	0	21.93	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	4.55	<13	PASS
		1	3	4.42	<13	PASS
		1	5	4.59	<13	PASS
		3	0	4.66	<13	PASS
		3	2	4.61	<13	PASS
		3	3	4.78	<13	PASS
		6	0	5.34	<13	PASS
	MCH	1	0	3.14	<13	PASS
		1	3	3.16	<13	PASS
		1	5	3.22	<13	PASS
		3	0	3.36	<13	PASS
		3	2	3.28	<13	PASS
		3	3	3.41	<13	PASS
		6	0	4.14	<13	PASS
16QAM	LCH	1	0	3.19	<13	PASS
		1	3	3.19	<13	PASS
		1	5	3.4	<13	PASS
		3	0	3.36	<13	PASS
		3	2	3.23	<13	PASS
		3	3	3.41	<13	PASS
		6	0	4.3	<13	PASS
	MCH	1	0	5.32	<13	PASS
		1	3	5.1	<13	PASS
		1	5	5.37	<13	PASS
		3	0	5.5	<13	PASS
		3	2	5.5	<13	PASS
		3	3	5.58	<13	PASS
		6	0	6.25	<13	PASS

		3	2	4.06	<13	PASS
		3	3	4.25	<13	PASS
		6	0	4.96	<13	PASS
HCH		1	0	3.84	<13	PASS
		1	3	3.74	<13	PASS
		1	5	4	<13	PASS
		3	0	4.04	<13	PASS
		3	2	4.05	<13	PASS
		3	3	4.27	<13	PASS
		6	0	4.98	<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	4.5	<13	PASS
		1	7	4.46	<13	PASS
		1	14	4.64	<13	PASS
		8	0	5.06	<13	PASS
		8	4	5.07	<13	PASS
		8	7	5.15	<13	PASS
		15	0	5.35	<13	PASS
	MCH	1	0	3	<13	PASS
		1	7	3.12	<13	PASS
		1	14	3.39	<13	PASS
		8	0	3.78	<13	PASS
		8	4	3.81	<13	PASS
		8	7	4.03	<13	PASS
		15	0	4.41	<13	PASS
	HCH	1	0	2.75	<13	PASS
		1	7	2.88	<13	PASS
		1	14	3.36	<13	PASS
		8	0	3.79	<13	PASS
		8	4	3.74	<13	PASS
		8	7	3.96	<13	PASS
		15	0	4.4	<13	PASS
16QAM	LCH	1	0	5.02	<13	PASS
		1	7	5.17	<13	PASS
		1	14	5.22	<13	PASS
		8	0	5.93	<13	PASS
		8	4	5.89	<13	PASS

		8	7	5.98	<13	PASS
		15	0	6.27	<13	PASS
MCH		1	0	3.62	<13	PASS
		1	7	3.81	<13	PASS
		1	14	3.69	<13	PASS
		8	0	4.66	<13	PASS
		8	4	4.62	<13	PASS
		8	7	4.76	<13	PASS
		15	0	5.21	<13	PASS
HCH		1	0	3.41	<13	PASS
		1	7	3.59	<13	PASS
		1	14	4.01	<13	PASS
		8	0	4.53	<13	PASS
		8	4	4.61	<13	PASS
		8	7	4.76	<13	PASS
		15	0	5.11	<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	4.41	<13	PASS
		1	12	4.5	<13	PASS
		1	24	4.59	<13	PASS
		12	0	5.01	<13	PASS
		12	6	5.01	<13	PASS
		12	13	5.08	<13	PASS
		25	0	5.4	<13	PASS
	MCH	1	0	2.86	<13	PASS
		1	12	3.06	<13	PASS
		1	24	3.29	<13	PASS
		12	0	3.7	<13	PASS
		12	6	3.63	<13	PASS
		12	13	3.86	<13	PASS
		25	0	4.35	<13	PASS
	HCH	1	0	2.68	<13	PASS
		1	12	2.61	<13	PASS
		1	24	3.28	<13	PASS
		12	0	3.58	<13	PASS
		12	6	3.47	<13	PASS
		12	13	3.76	<13	PASS

		25	0	4.19	<13	PASS
16QAM	LCH	1	0	5.26	<13	PASS
		1	12	5.26	<13	PASS
		1	24	5.4	<13	PASS
		12	0	5.95	<13	PASS
		12	6	5.92	<13	PASS
		12	13	6.05	<13	PASS
		25	0	6.21	<13	PASS
	MCH	1	0	3.7	<13	PASS
		1	12	3.73	<13	PASS
		1	24	4.03	<13	PASS
		12	0	4.49	<13	PASS
		12	6	4.48	<13	PASS
		12	13	4.65	<13	PASS
		25	0	5.05	<13	PASS
	HCH	1	0	3.38	<13	PASS
		1	12	3.76	<13	PASS
		1	24	4.26	<13	PASS
		12	0	4.42	<13	PASS
		12	6	4.38	<13	PASS
		12	13	4.63	<13	PASS
		25	0	4.91	<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	4.61	<13	PASS
		1	24	4.56	<13	PASS
		1	49	4.54	<13	PASS
		25	0	5.04	<13	PASS
		25	12	5.06	<13	PASS
		25	25	5.07	<13	PASS
		50	0	5.35	<13	PASS
	MCH	1	0	2.9	<13	PASS
		1	24	3.06	<13	PASS
		1	49	3.67	<13	PASS
		25	0	3.79	<13	PASS
		25	12	3.74	<13	PASS
		25	25	4.06	<13	PASS
		50	0	4.52	<13	PASS

		1	0	3.58	<13	PASS
		1	24	2.62	<13	PASS
		1	49	3.4	<13	PASS
	HCH	25	0	4.28	<13	PASS
		25	12	3.81	<13	PASS
		25	25	3.89	<13	PASS
		50	0	4.53	<13	PASS
16QAM	LCH	1	0	5.09	<13	PASS
		1	24	5.38	<13	PASS
		1	49	5.32	<13	PASS
		25	0	5.95	<13	PASS
		25	12	6.02	<13	PASS
		25	25	6.06	<13	PASS
		50	0	6.23	<13	PASS
	MCH	1	0	3.47	<13	PASS
		1	24	3.44	<13	PASS
		1	49	4.21	<13	PASS
		25	0	4.69	<13	PASS
		25	12	4.62	<13	PASS
		25	25	4.96	<13	PASS
		50	0	5.21	<13	PASS
	HCH	1	0	3.97	<13	PASS
		1	24	3.03	<13	PASS
		1	49	3.64	<13	PASS
		25	0	5.28	<13	PASS
		25	12	4.85	<13	PASS
		25	25	4.78	<13	PASS
		50	0	5.38	<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	5.55	<13	PASS
		1	37	4.49	<13	PASS
		1	74	5.28	<13	PASS
		37	0	4.86	<13	PASS
		37	18	5.19	<13	PASS
		37	38	4.85	<13	PASS
		75	0	5.04	<13	PASS
	MCH	1	0	4.2	<13	PASS

		1	37	3.16	<13	PASS
		1	74	5.13	<13	PASS
		37	0	4.43	<13	PASS
		37	18	4.33	<13	PASS
		37	38	4.51	<13	PASS
		75	0	4.92	<13	PASS
		1	0	5.34	<13	PASS
		1	37	3.13	<13	PASS
		1	74	4.45	<13	PASS
		37	0	4.68	<13	PASS
		37	18	4.54	<13	PASS
		37	38	4.52	<13	PASS
		75	0	4.93	<13	PASS
16QAM	LCH	1	0	6.24	<13	PASS
		1	37	5.29	<13	PASS
		1	74	5.88	<13	PASS
		37	0	6.11	<13	PASS
		37	18	6.08	<13	PASS
		37	38	6.1	<13	PASS
		75	0	6.31	<13	PASS
	MCH	1	0	4.76	<13	PASS
		1	37	3.84	<13	PASS
		1	74	5.52	<13	PASS
		37	0	5.41	<13	PASS
		37	18	5.05	<13	PASS
		37	38	5.59	<13	PASS
		75	0	5.85	<13	PASS
	HCH	1	0	6	<13	PASS
		1	37	3.42	<13	PASS
		1	74	4.87	<13	PASS
		37	0	5.91	<13	PASS
		37	18	5.45	<13	PASS
		37	38	5.64	<13	PASS
		75	0	6.11	<13	PASS

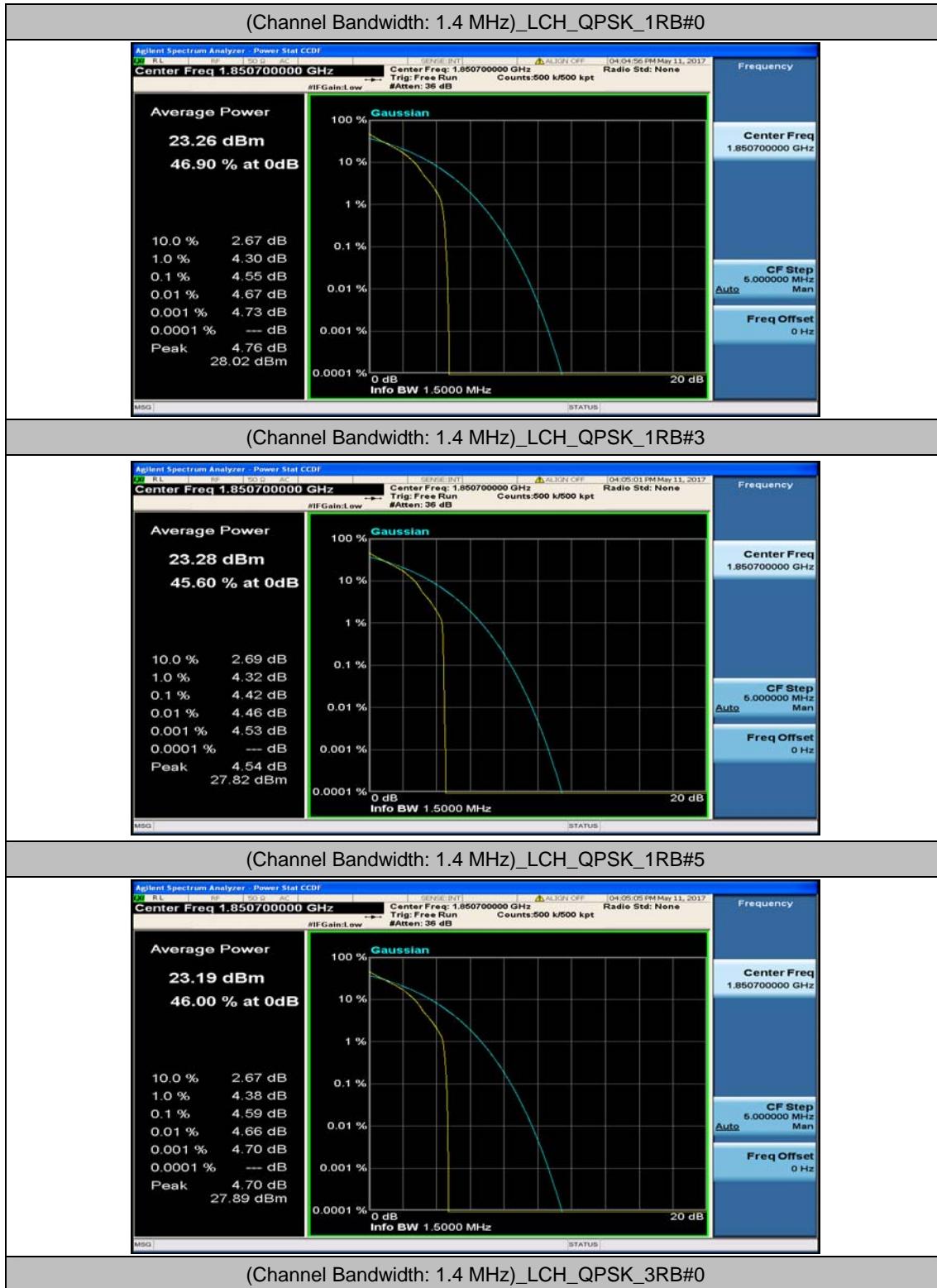
Channel Bandwidth: 20 MHz

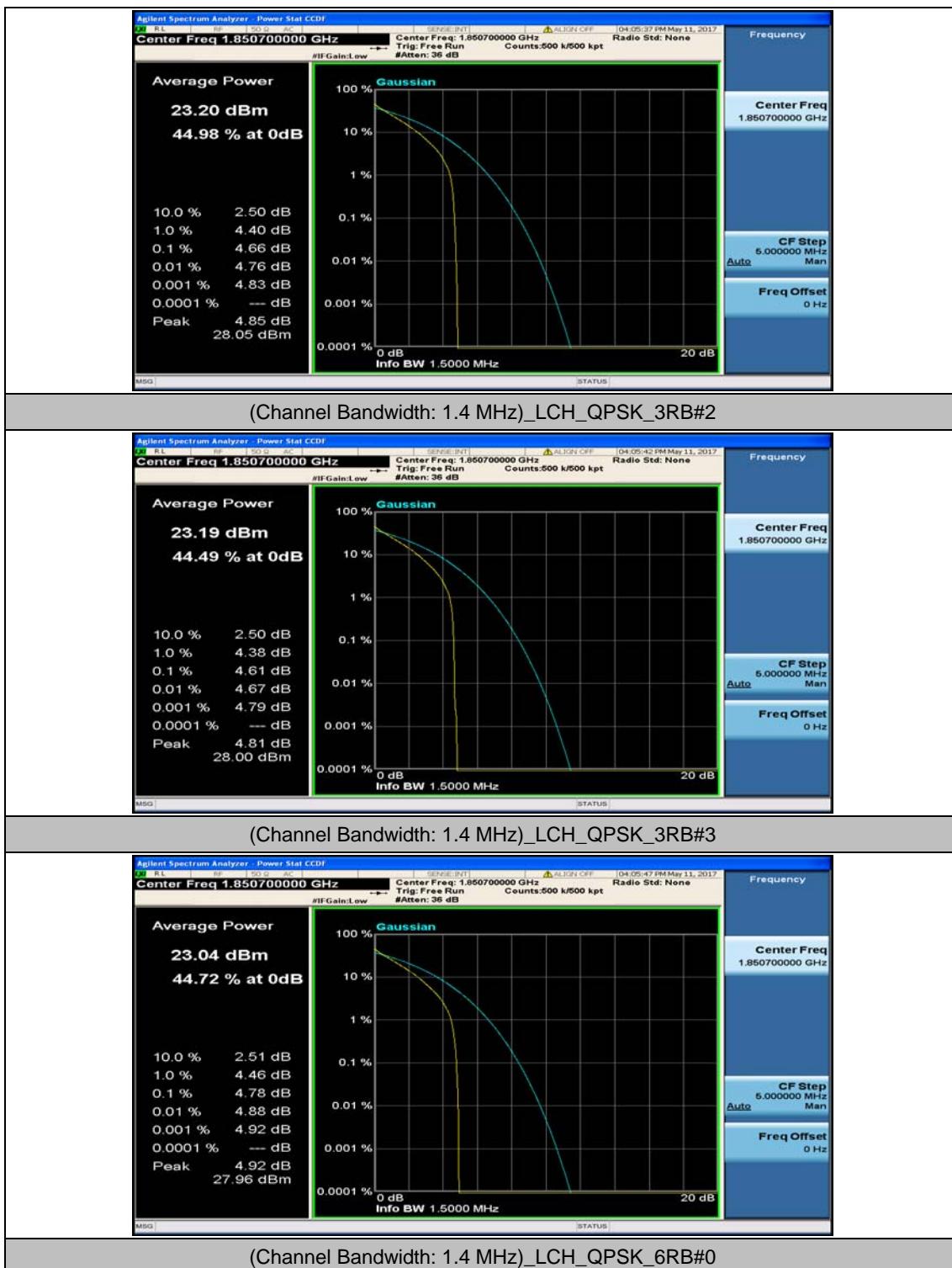
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	6.58	<13	PASS
		1	49	4.42	<13	PASS

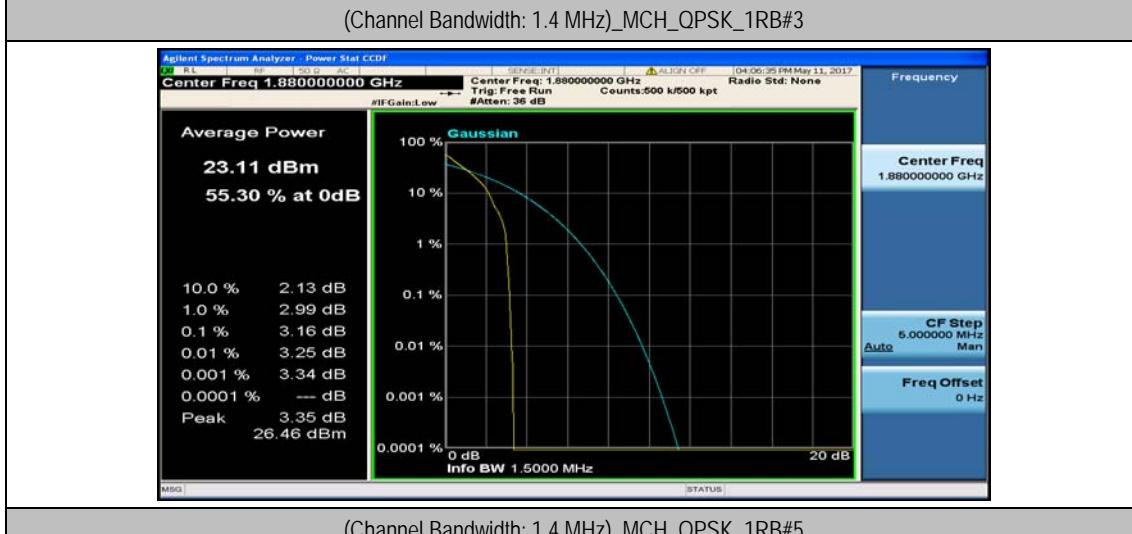
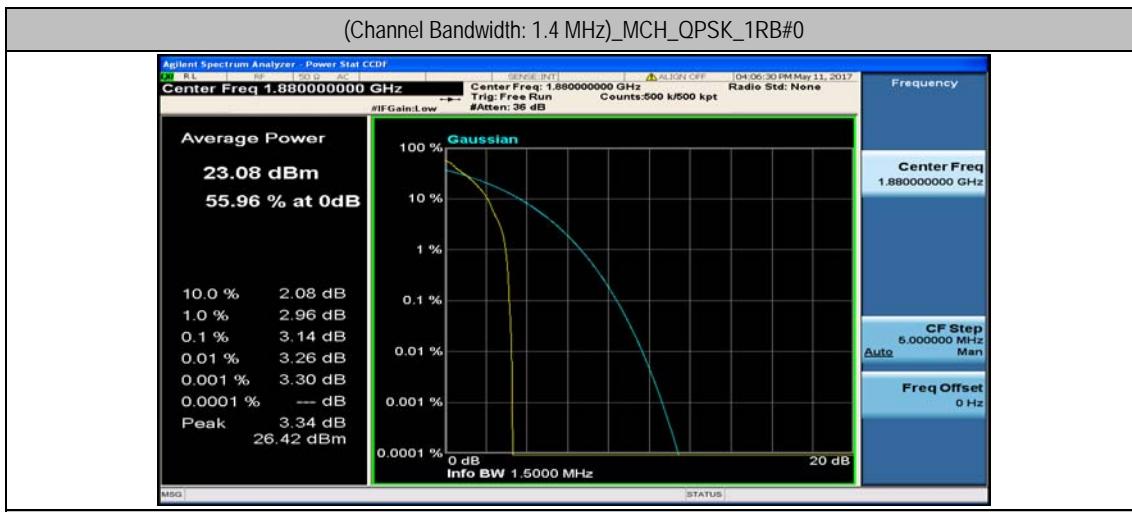
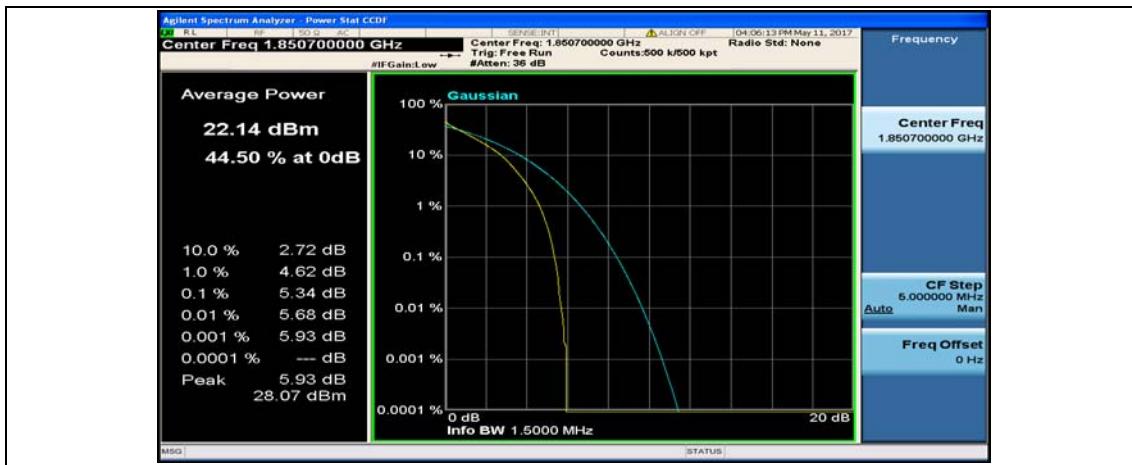
		1	99	5.62	<13	PASS
		50	0	5.66	<13	PASS
		50	25	5.24	<13	PASS
		50	50	5.84	<13	PASS
		100	0	5.69	<13	PASS
	MCH	1	0	4.82	<13	PASS
		1	49	3.21	<13	PASS
		1	99	5.16	<13	PASS
		50	0	5.25	<13	PASS
		50	25	4.66	<13	PASS
		50	50	5.53	<13	PASS
		100	0	5.68	<13	PASS
	HCH	1	0	6.33	<13	PASS
		1	49	3.78	<13	PASS
		1	99	4.85	<13	PASS
		50	0	5.7	<13	PASS
		50	25	5	<13	PASS
		50	50	5.88	<13	PASS
		100	0	5.78	<13	PASS
16QAM	LCH	1	0	6.94	<13	PASS
		1	49	5.34	<13	PASS
		1	99	5.45	<13	PASS
		50	0	6.69	<13	PASS
		50	25	6.09	<13	PASS
		50	50	6.64	<13	PASS
		100	0	6.84	<13	PASS
	MCH	1	0	4.48	<13	PASS
		1	49	4.11	<13	PASS
		1	99	5.3	<13	PASS
		50	0	6.12	<13	PASS
		50	25	5.37	<13	PASS
		50	50	6.27	<13	PASS
		100	0	6.48	<13	PASS
	HCH	1	0	6.49	<13	PASS
		1	49	4.71	<13	PASS
		1	99	4.67	<13	PASS
		50	0	6.63	<13	PASS
		50	25	5.83	<13	PASS
		50	50	6.68	<13	PASS
		100	0	6.75	<13	PASS

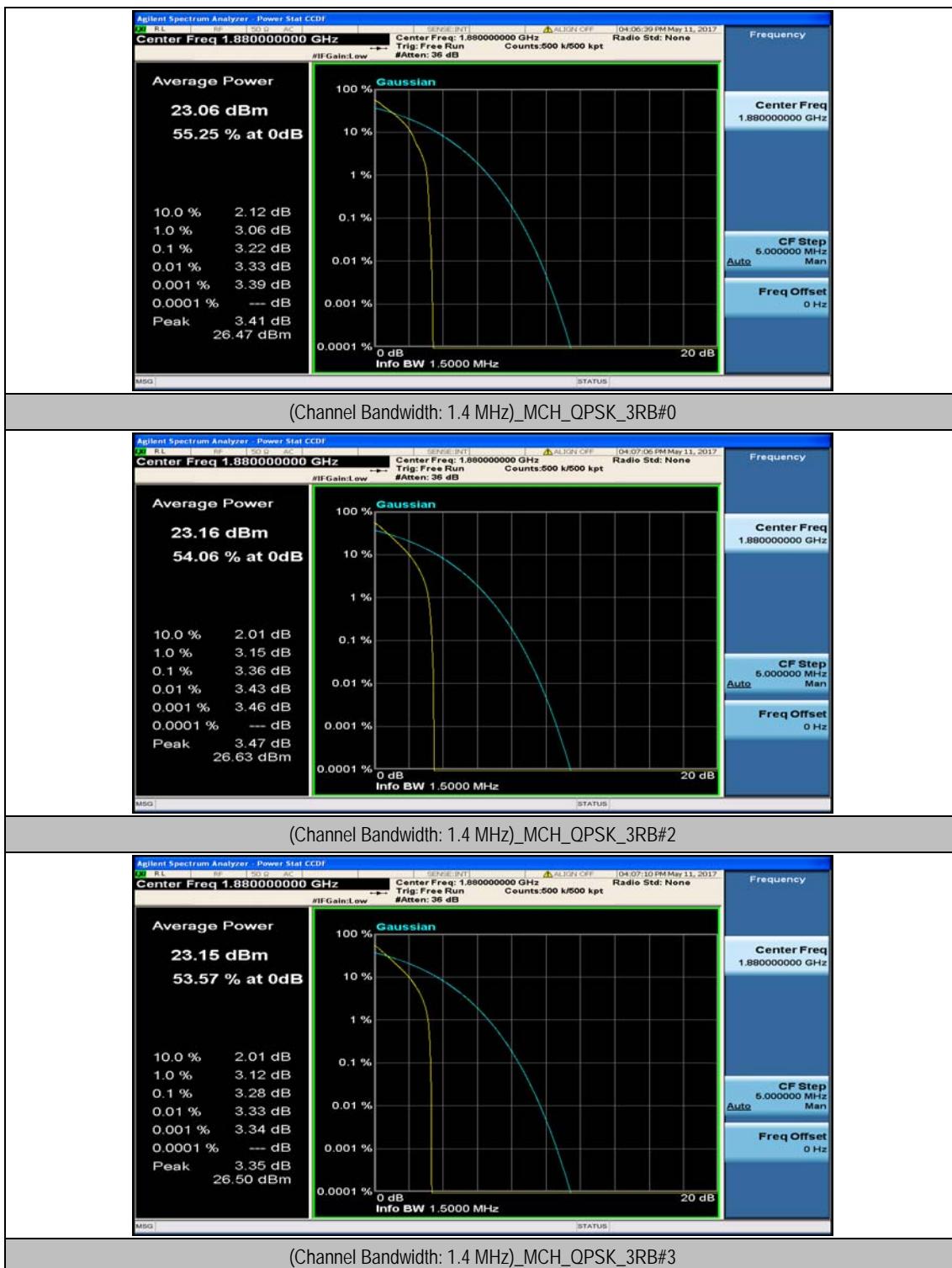
Test Graphs

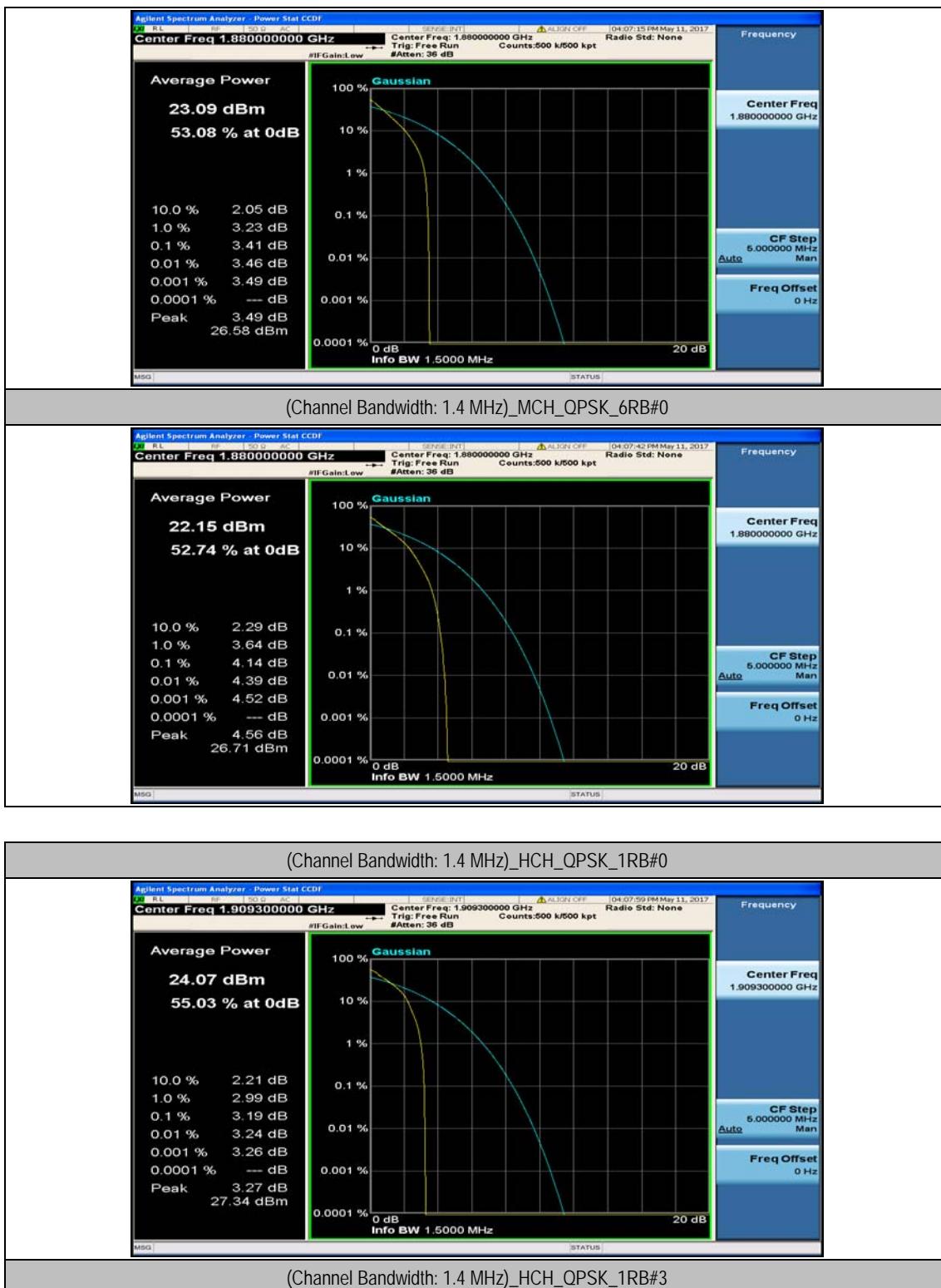
Channel Bandwidth: 1.4 MHz

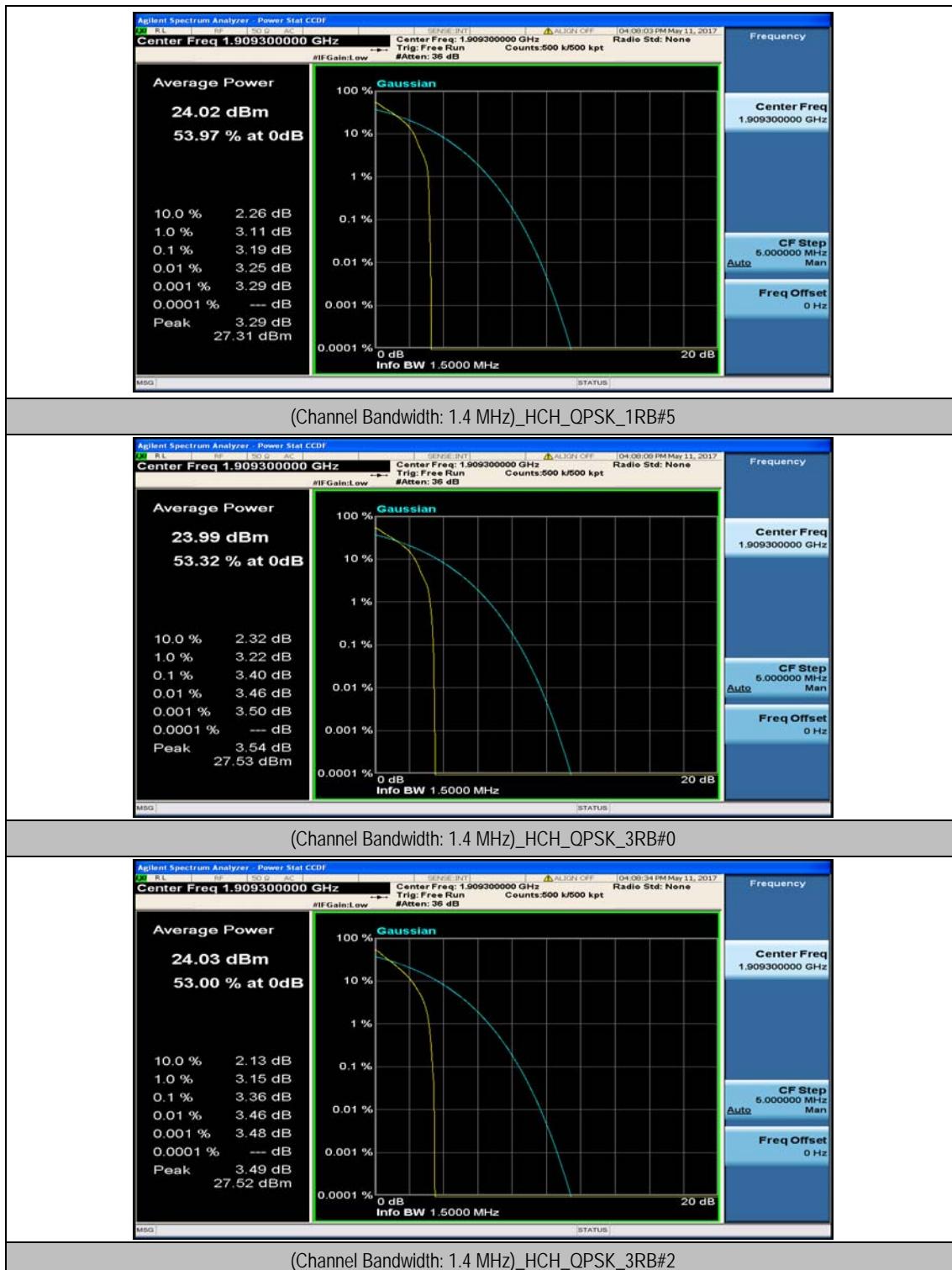


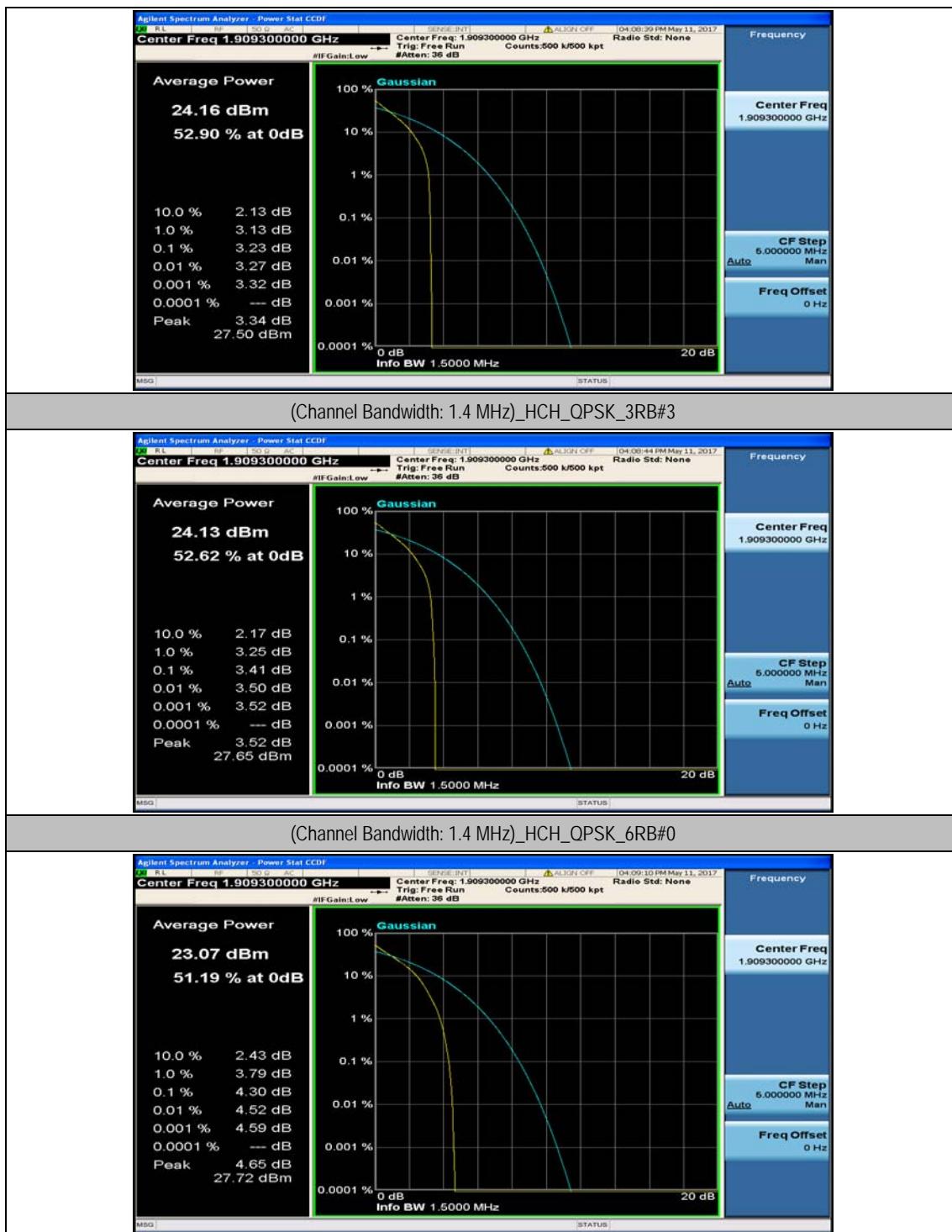


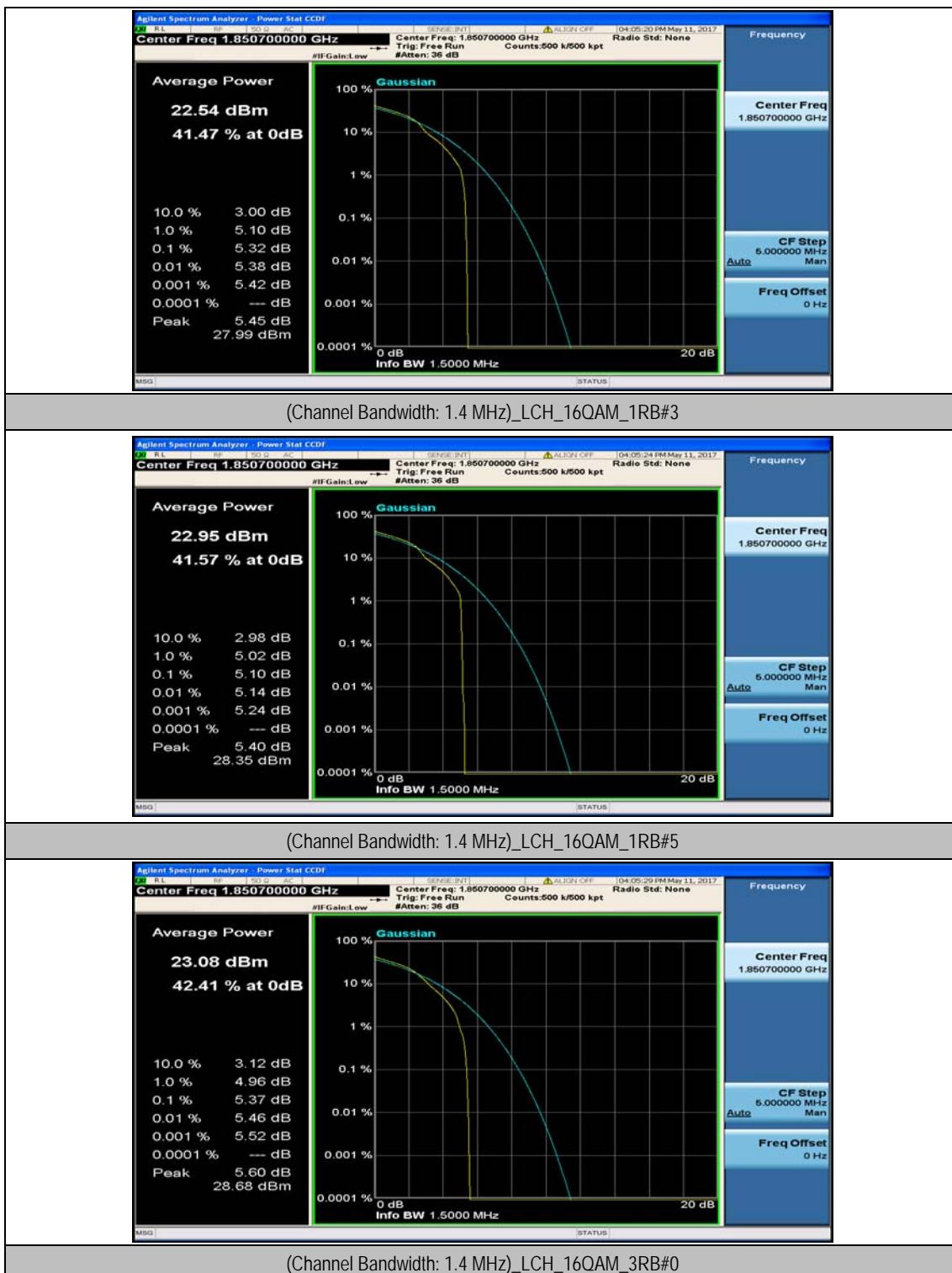


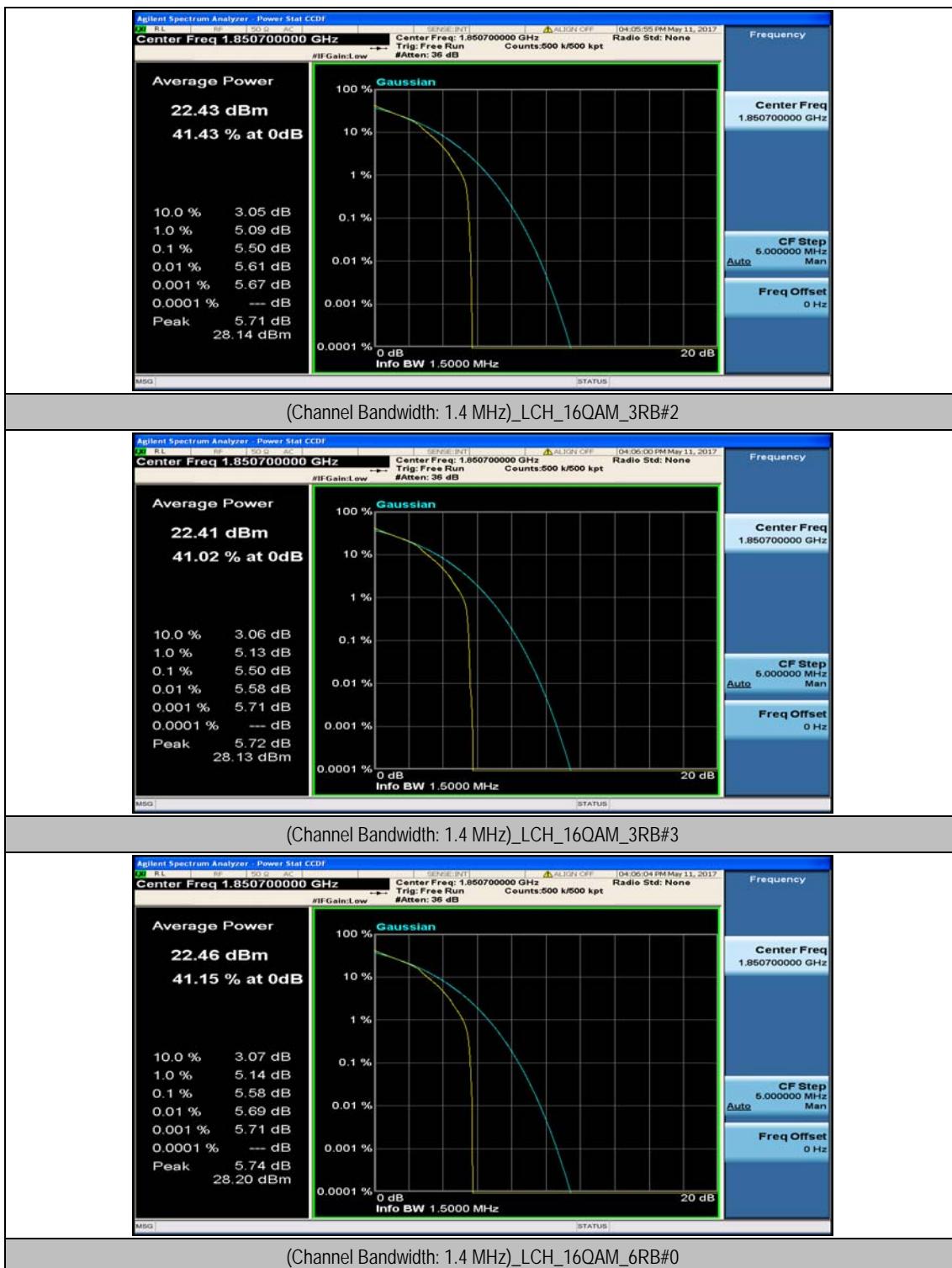


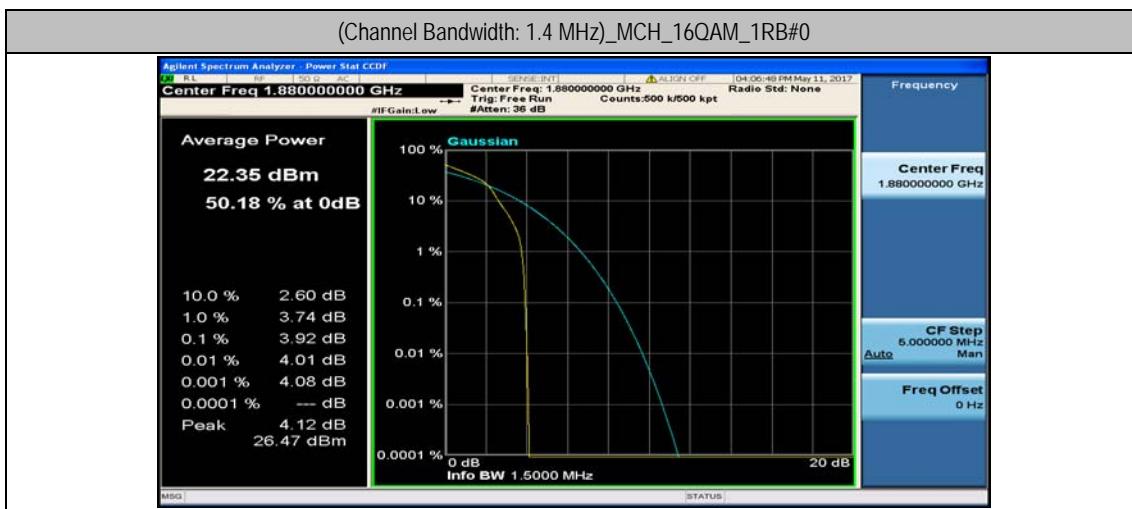


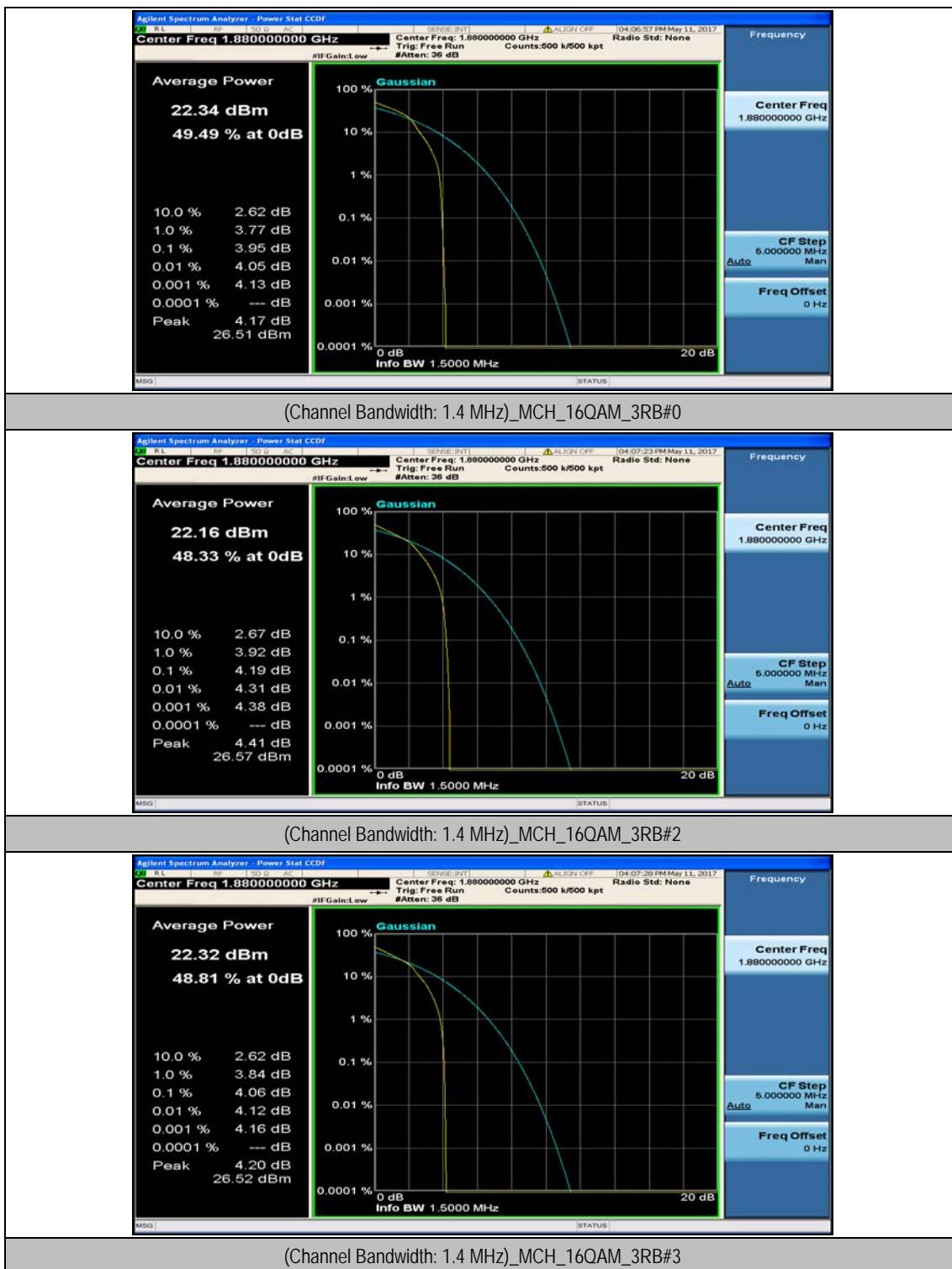


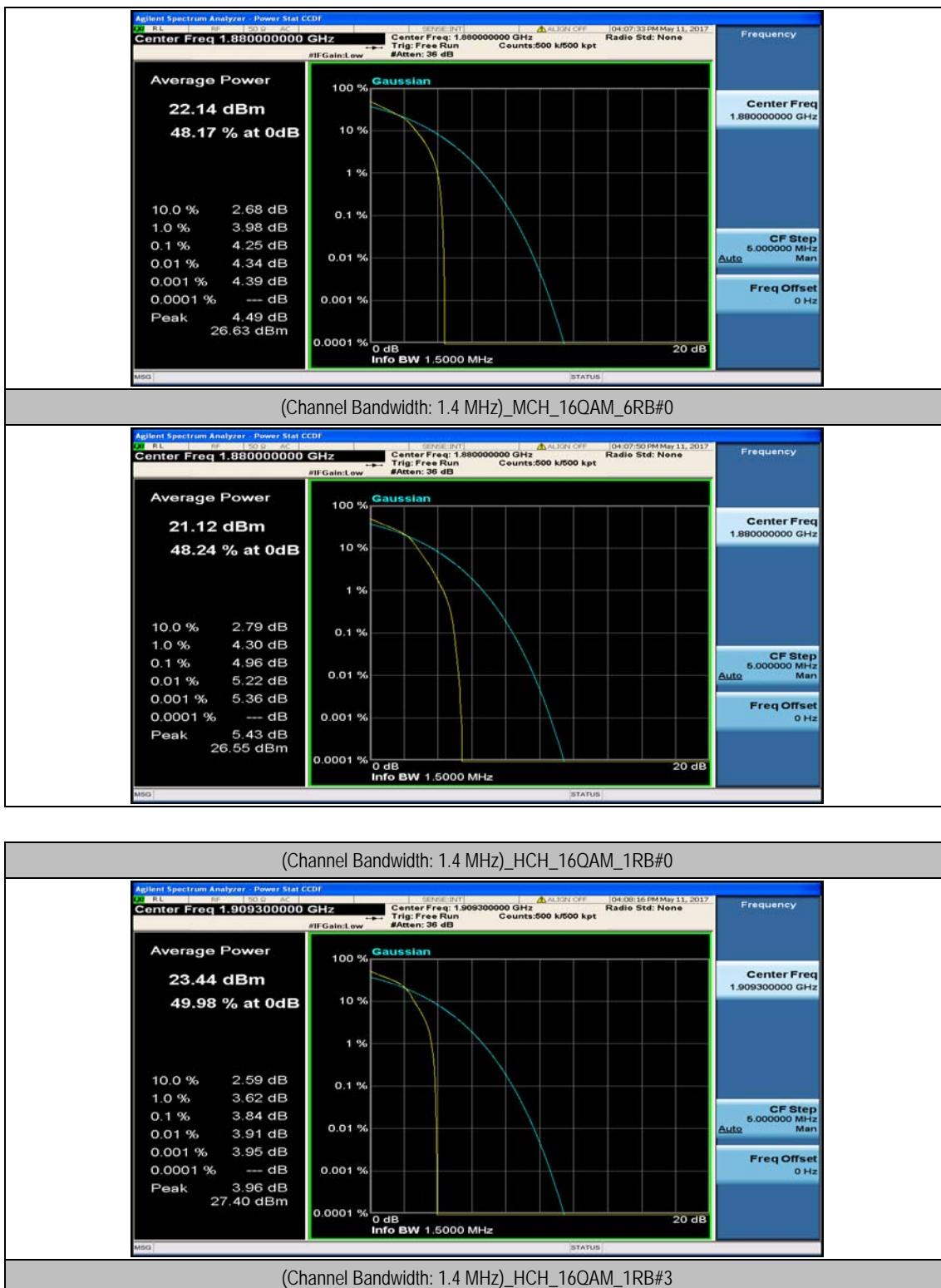


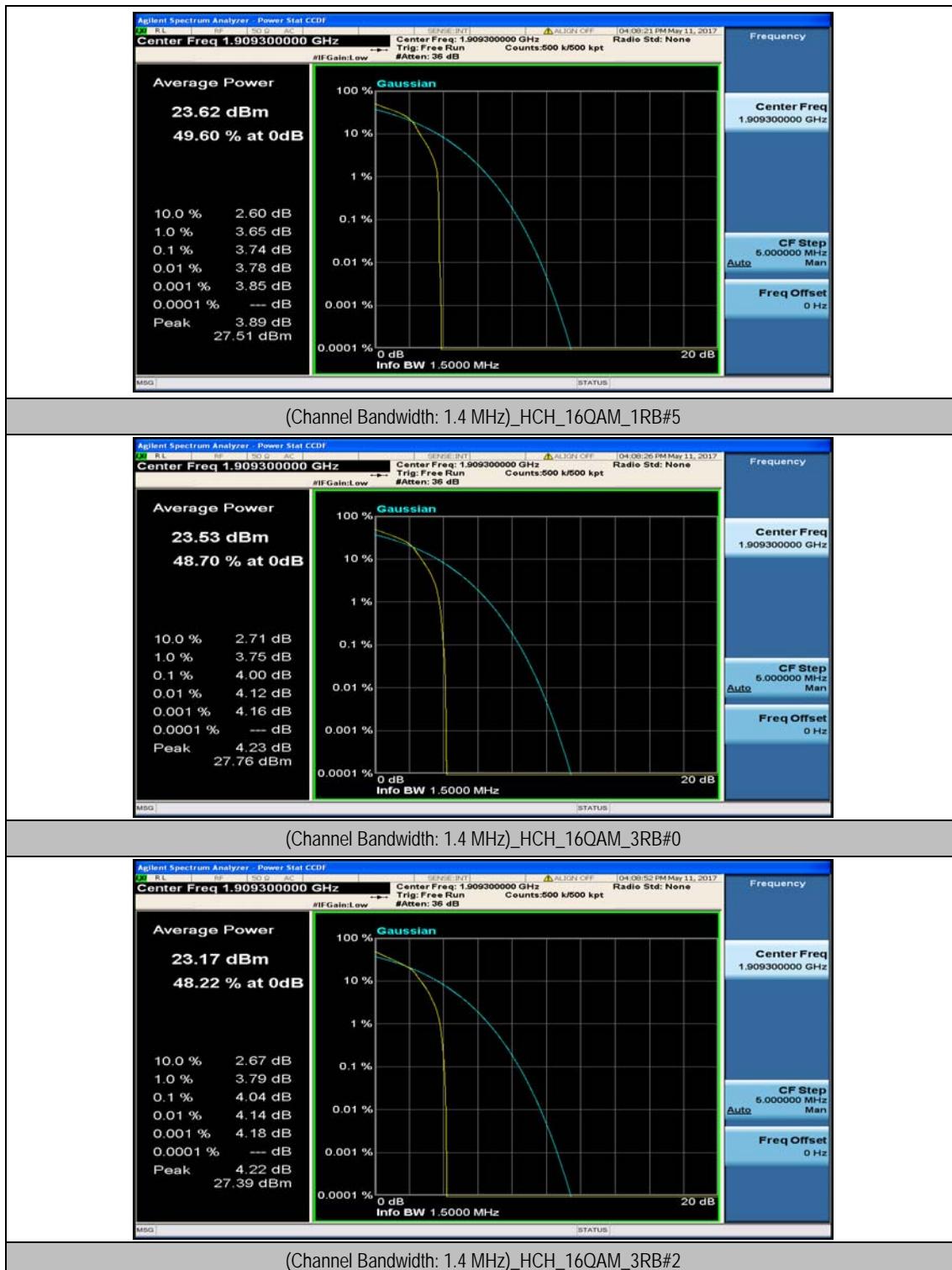


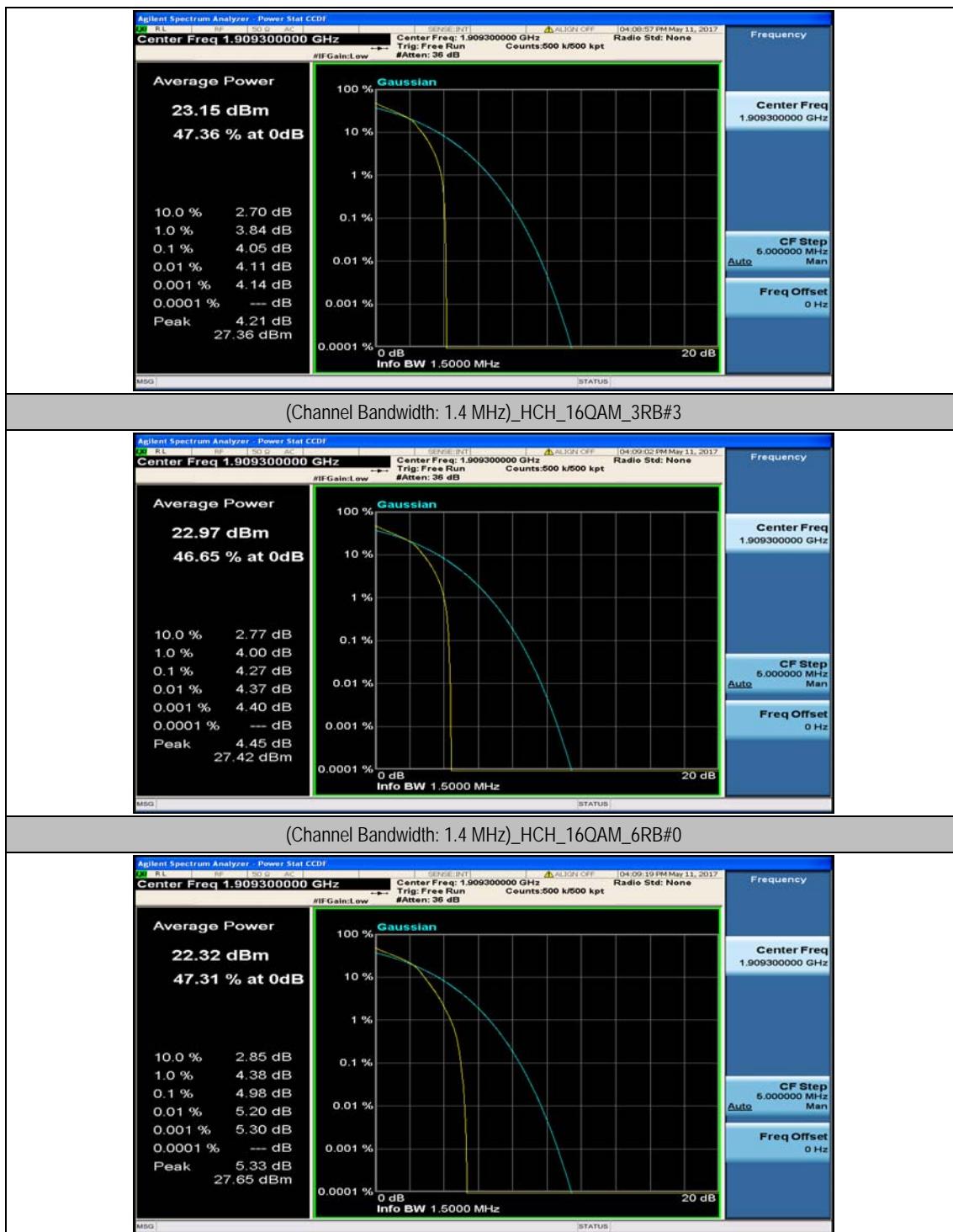






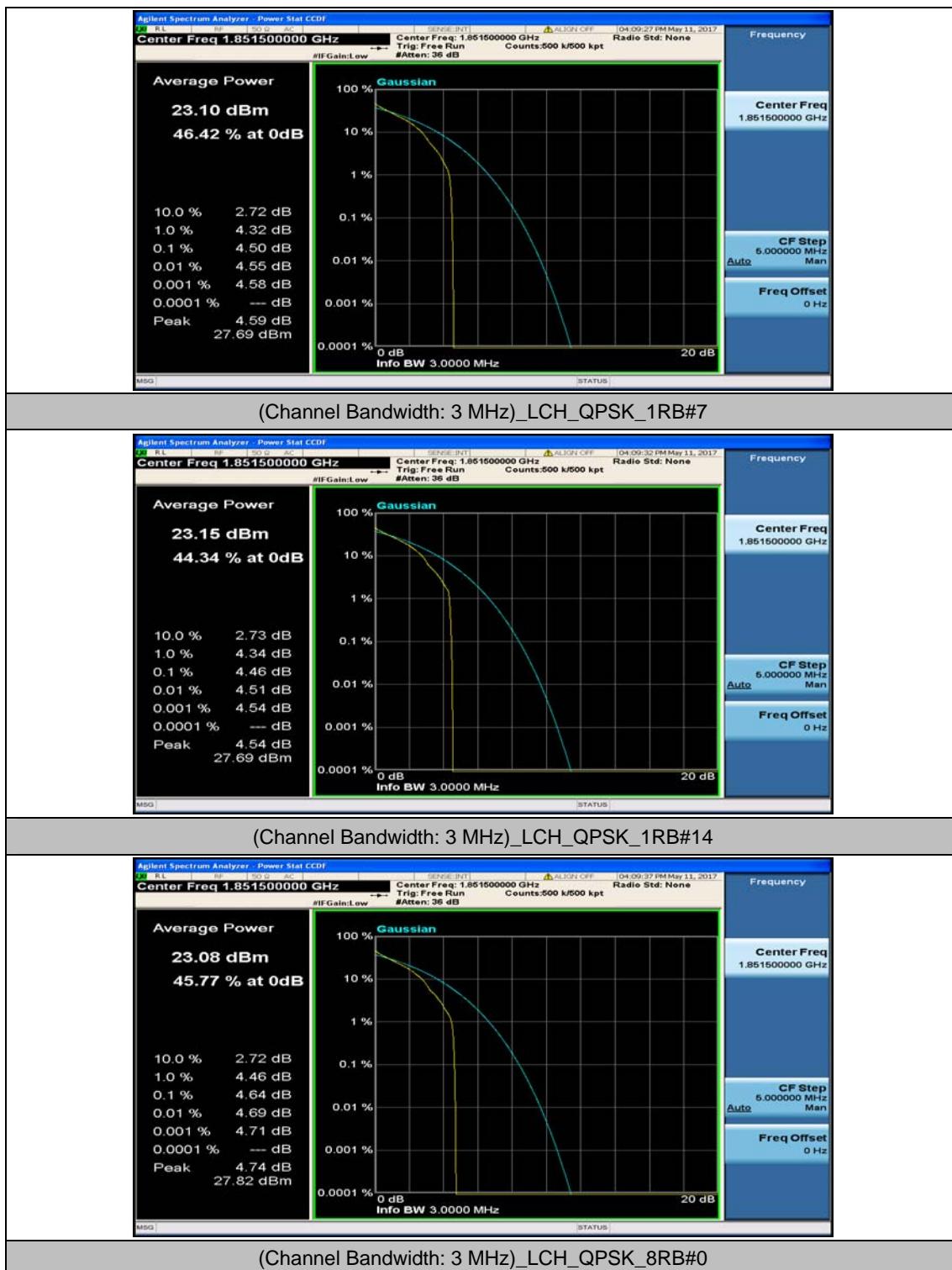


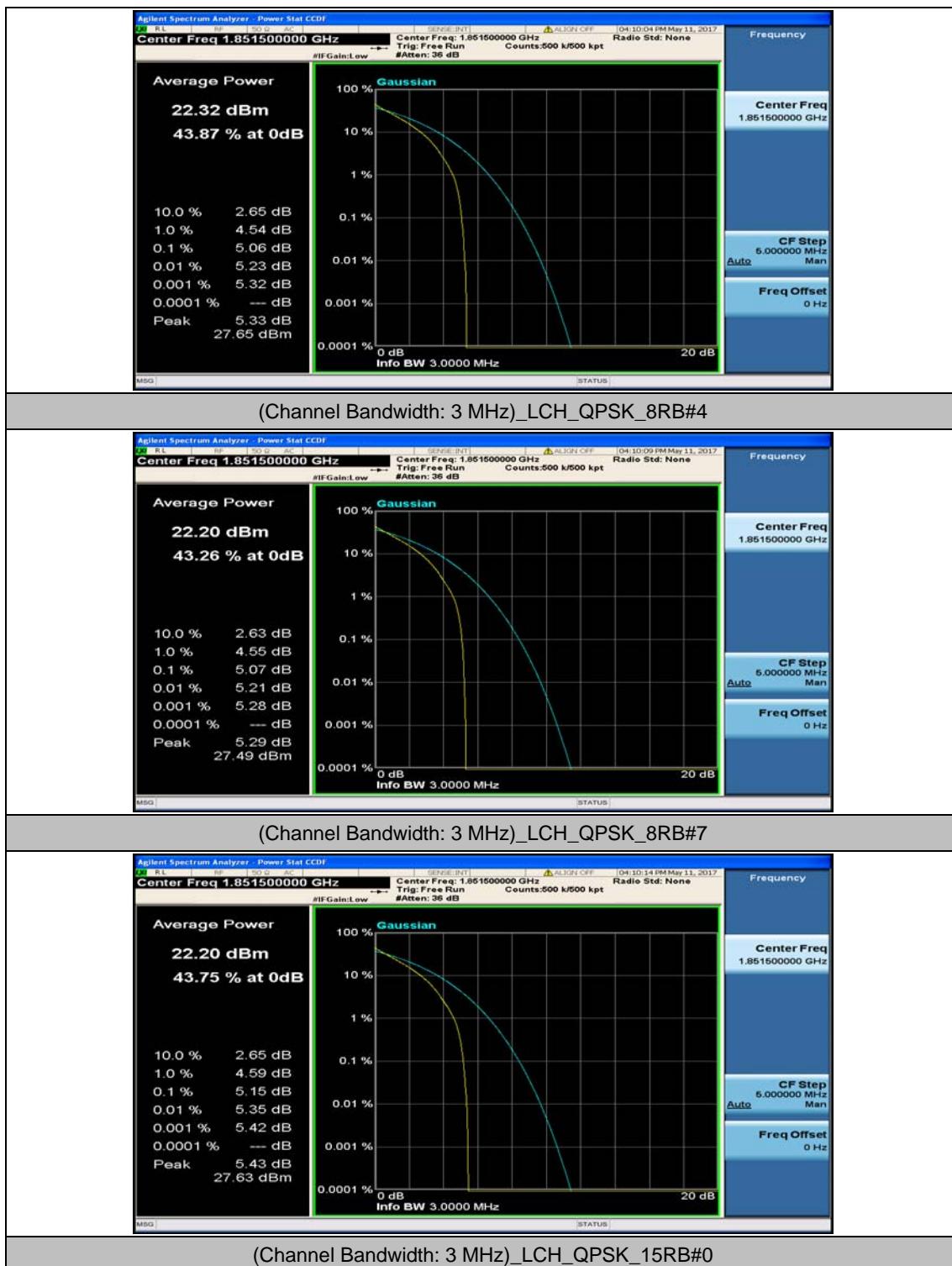


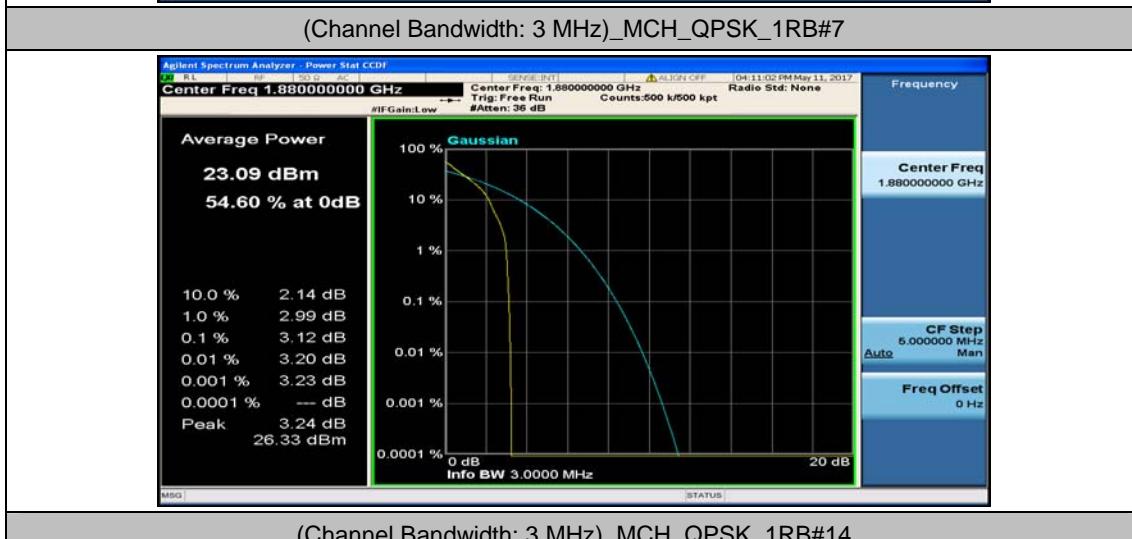
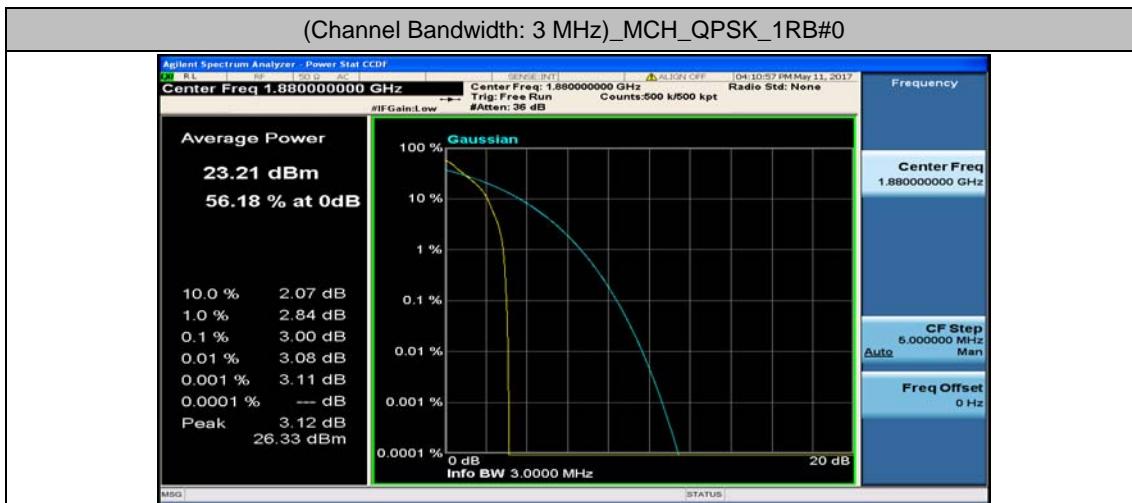
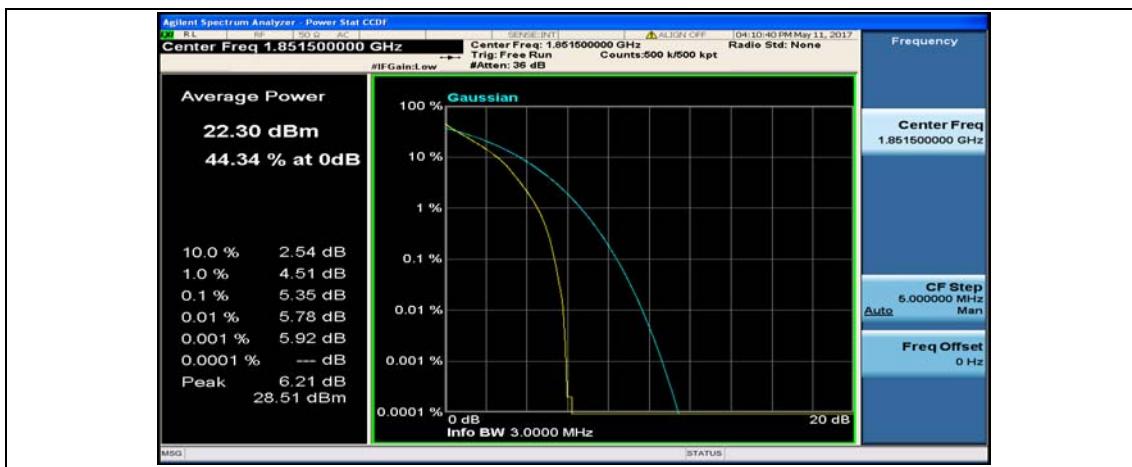


Channel Bandwidth: 3 MHz

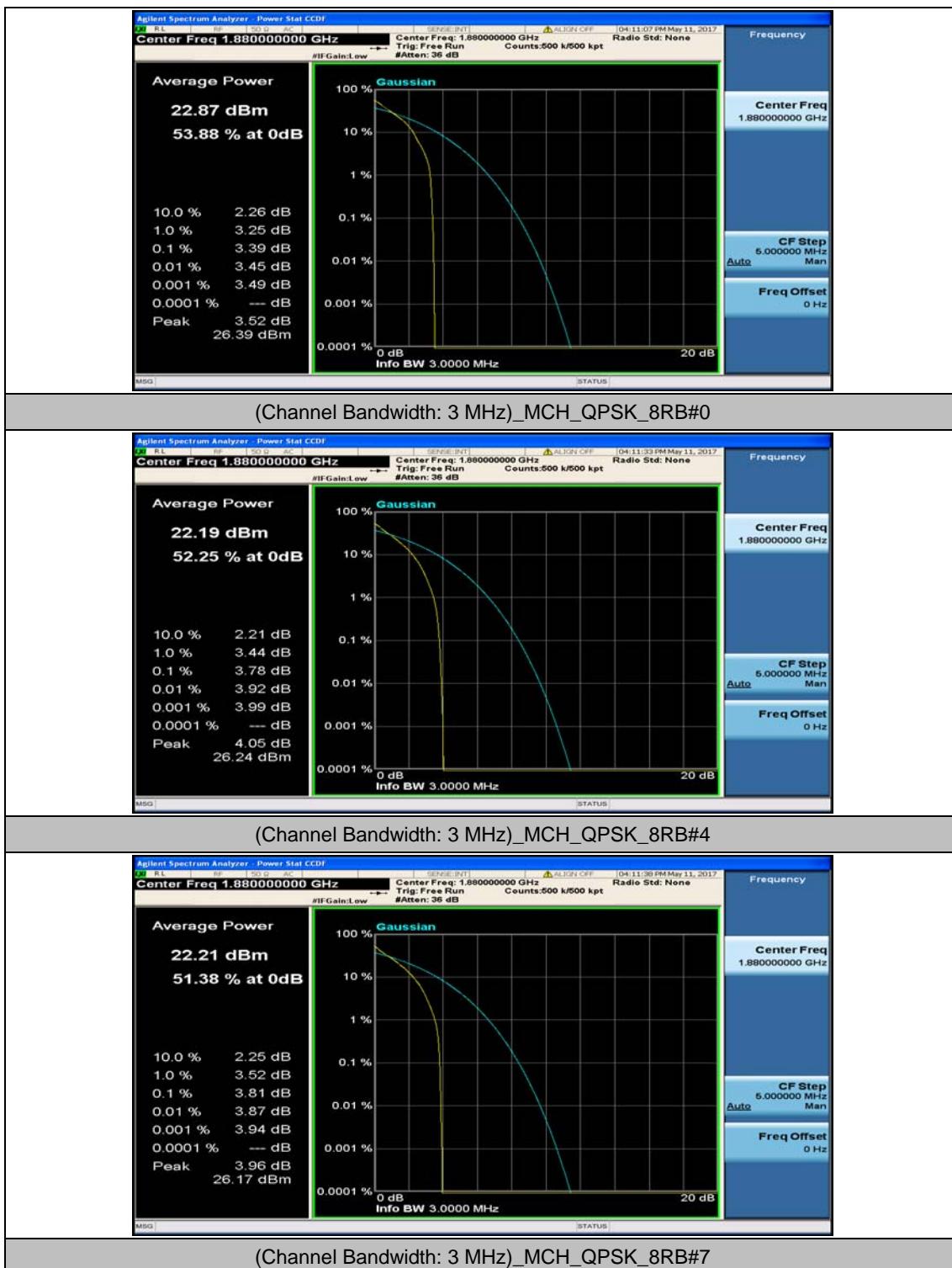
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0

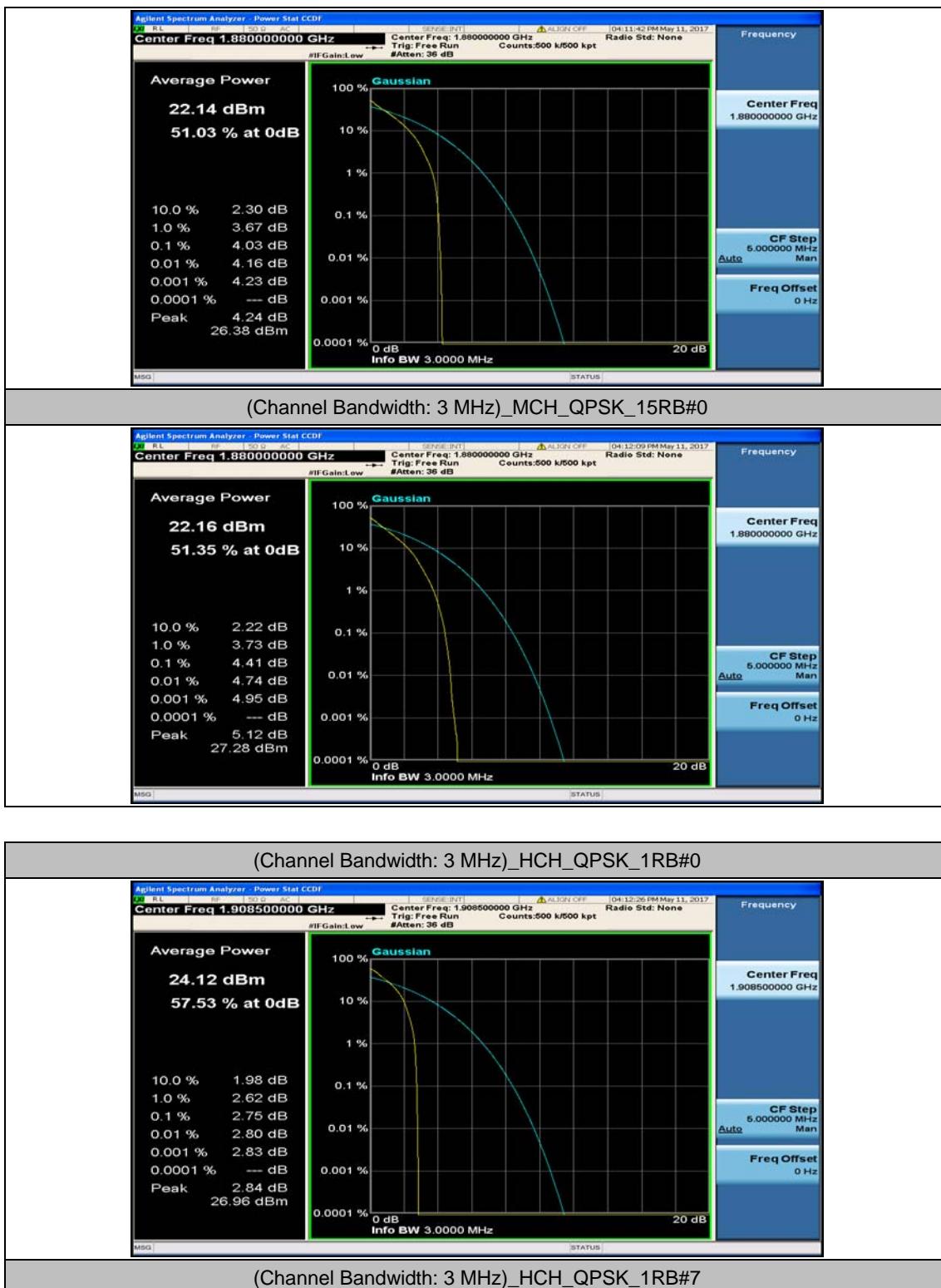


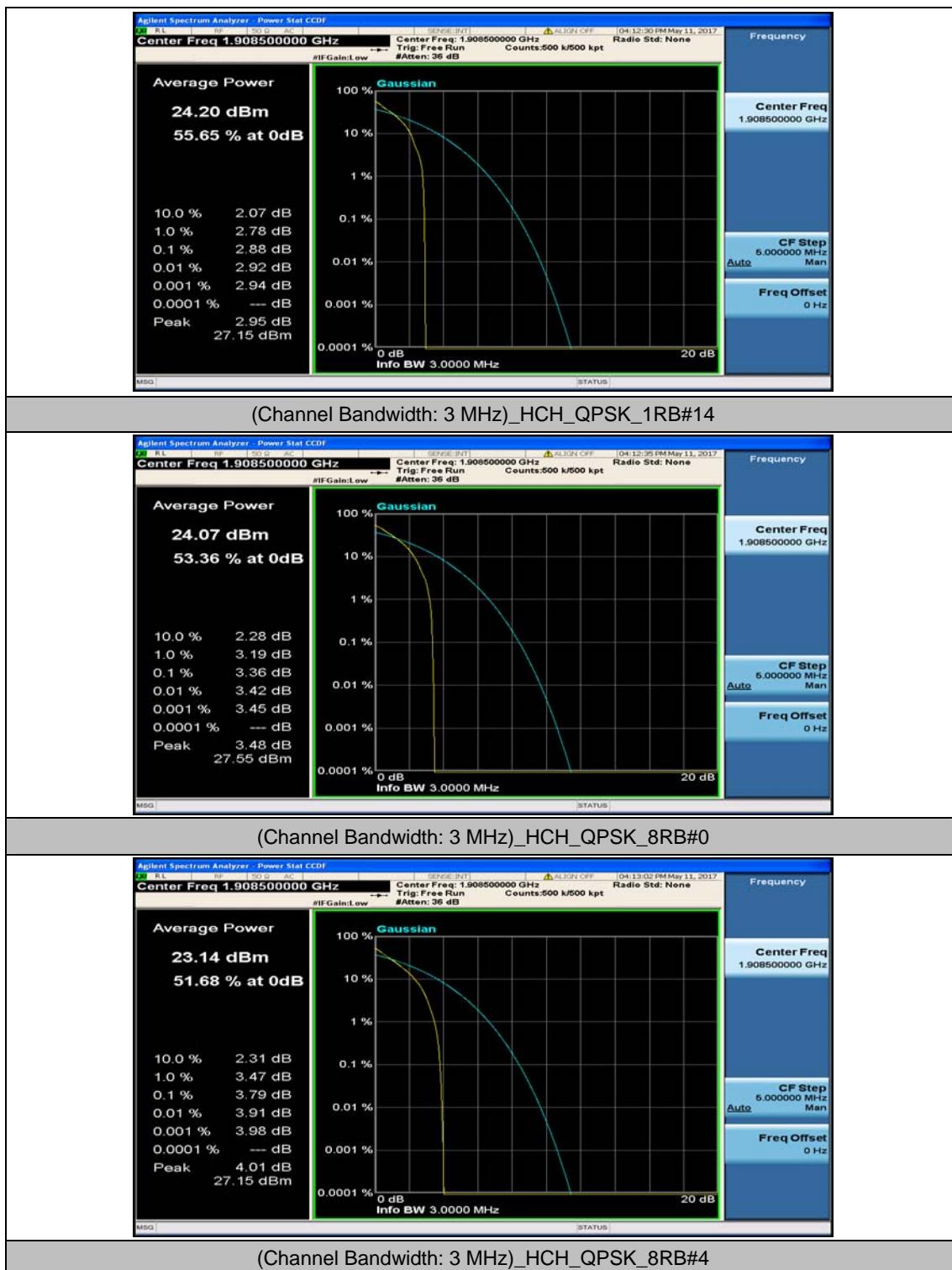


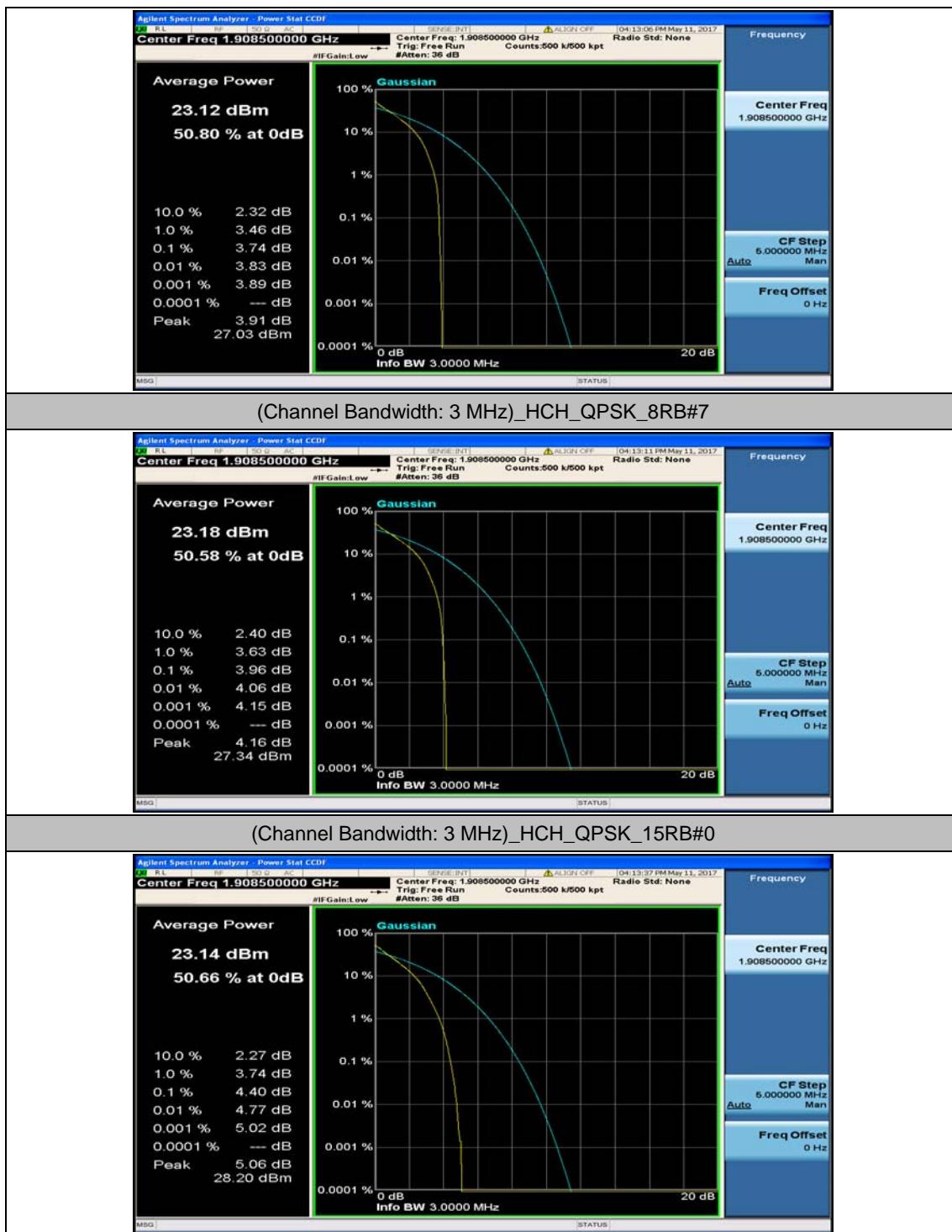


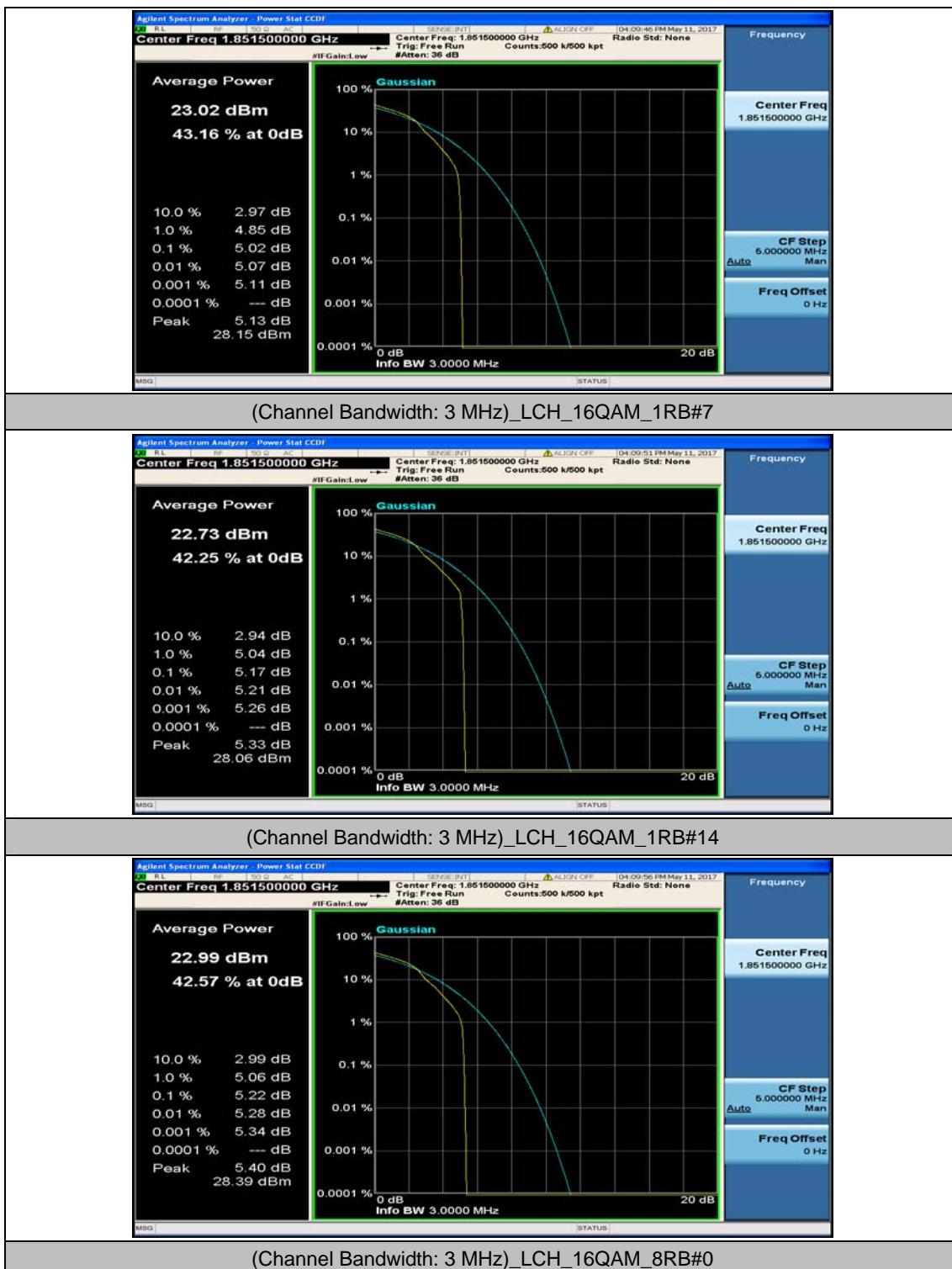
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14

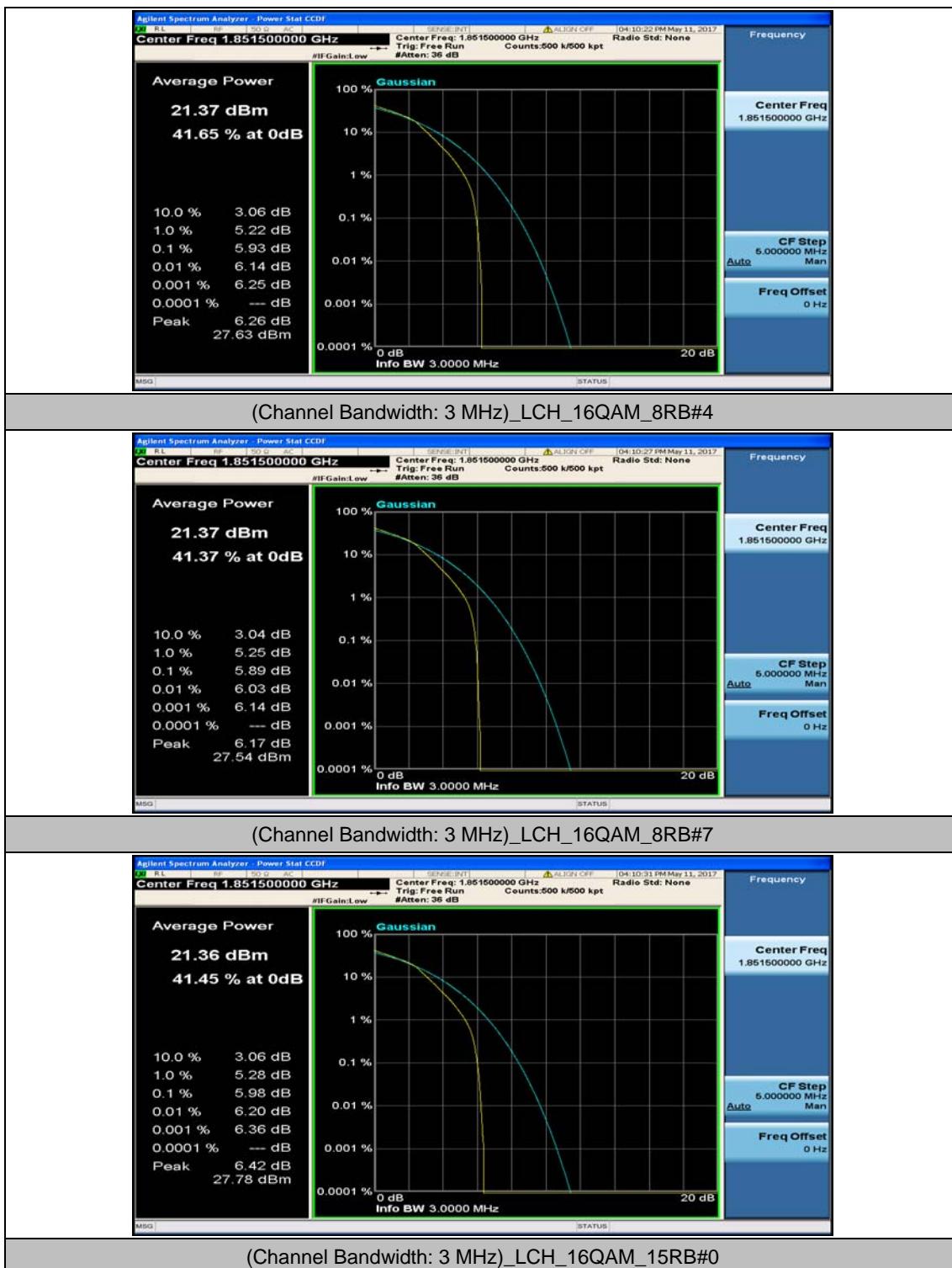


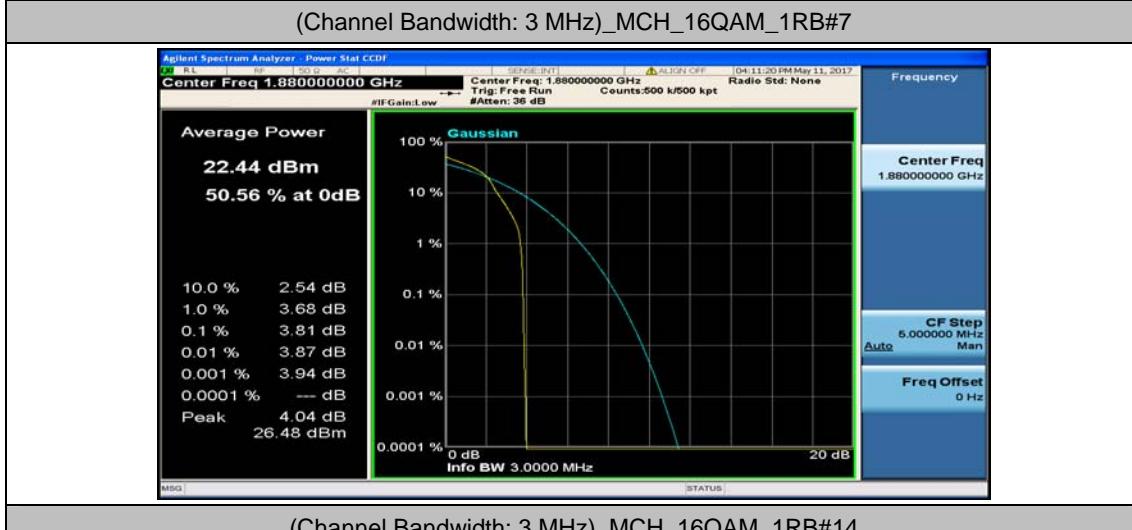
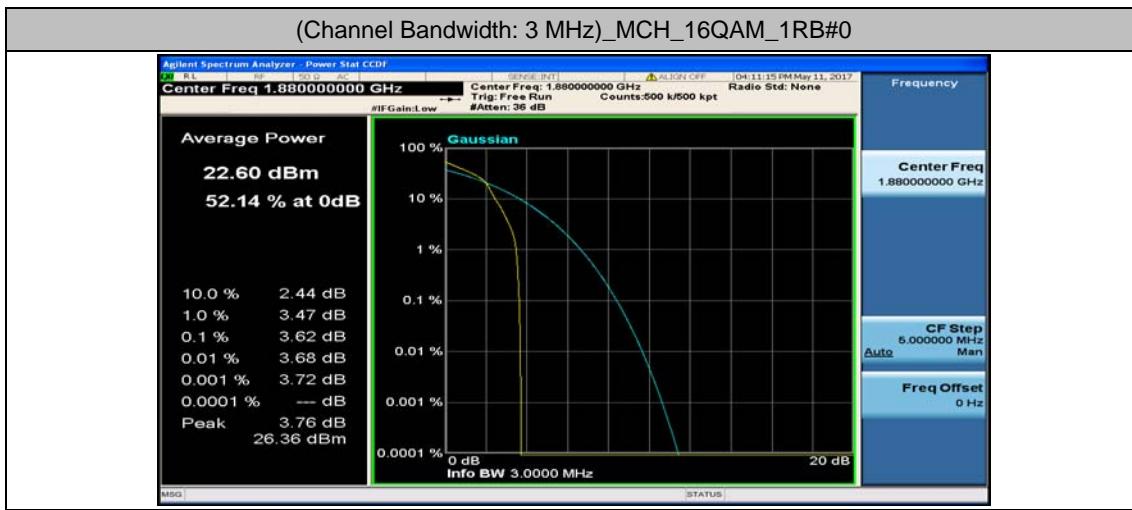




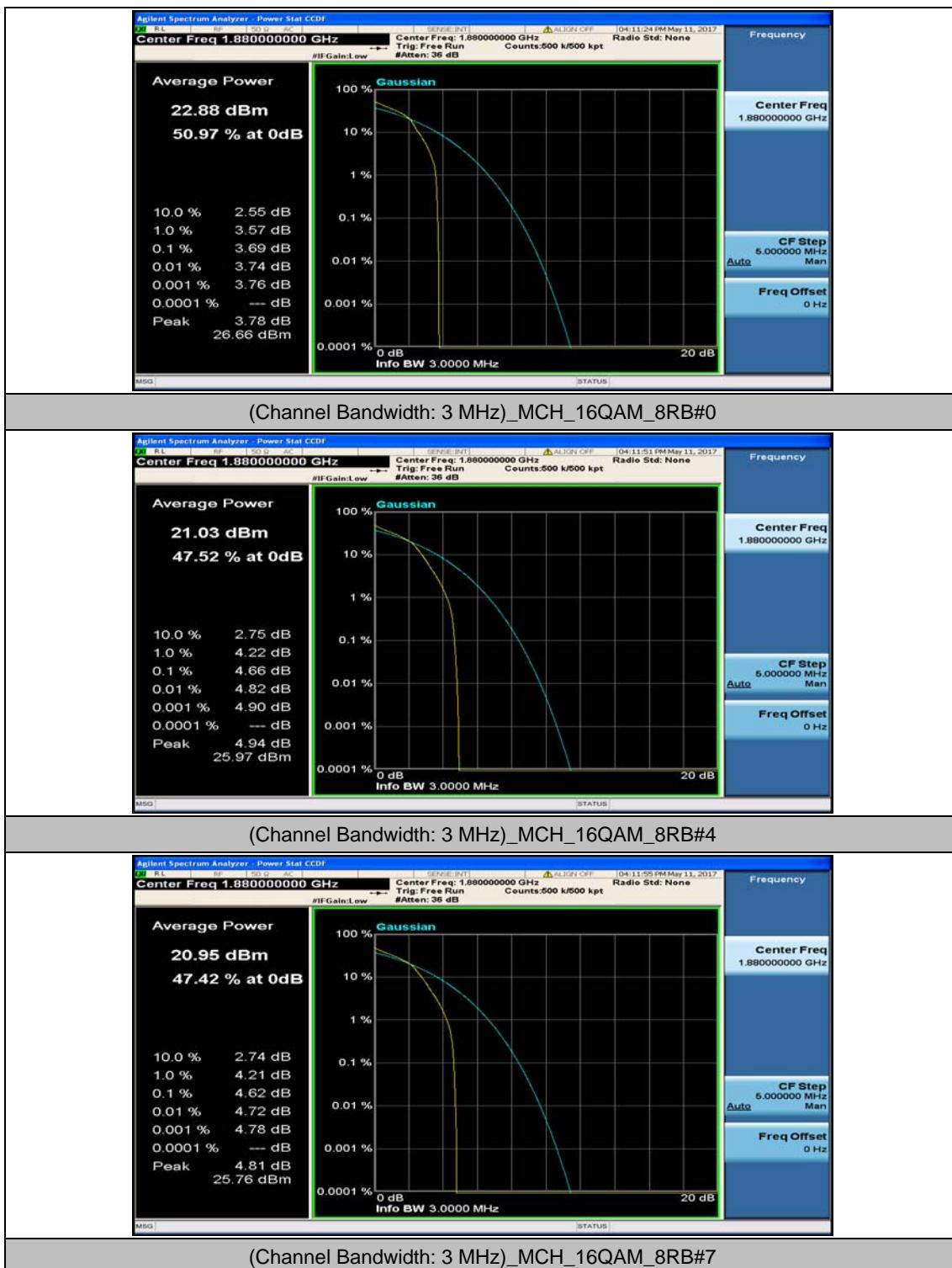


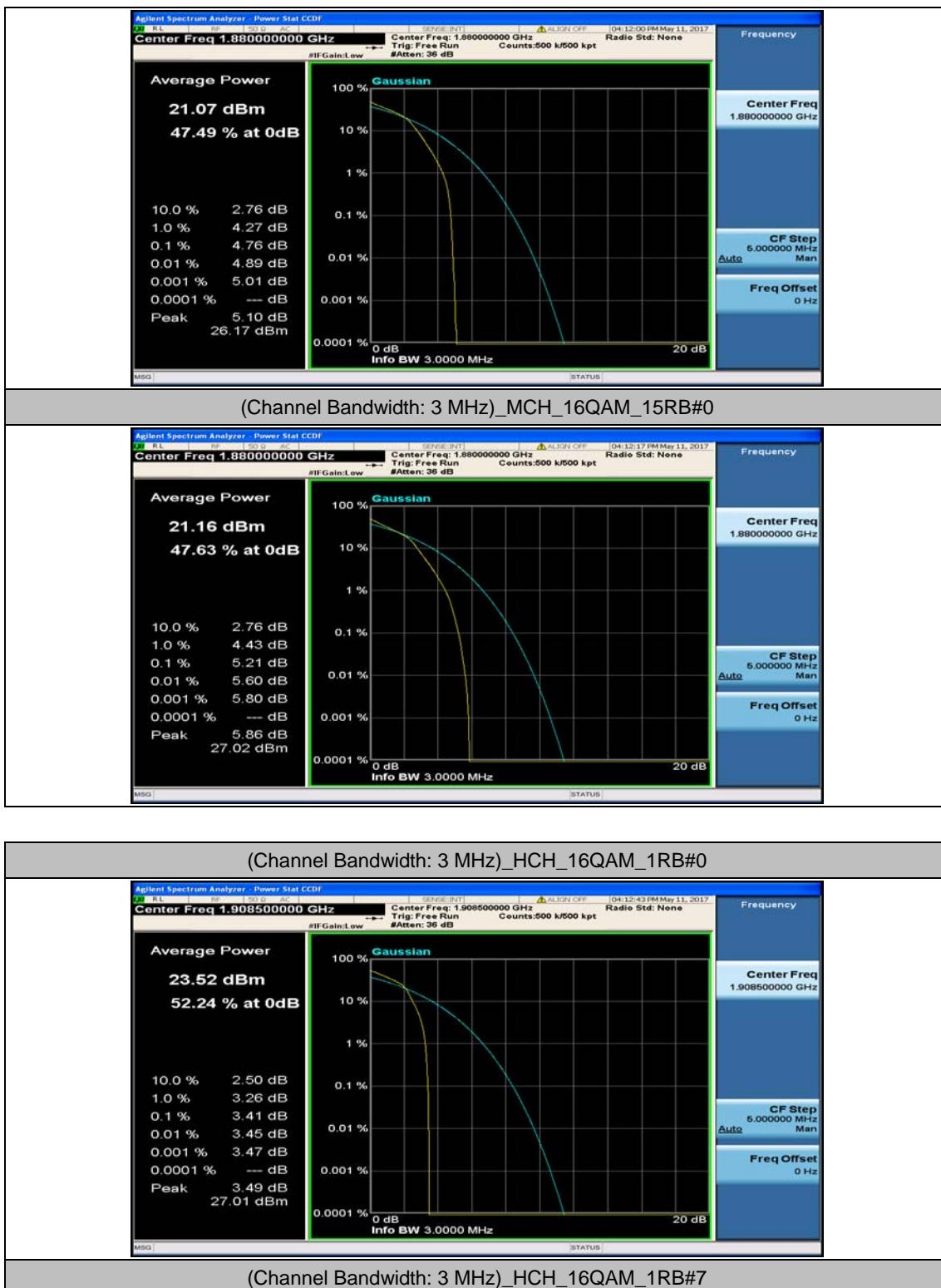


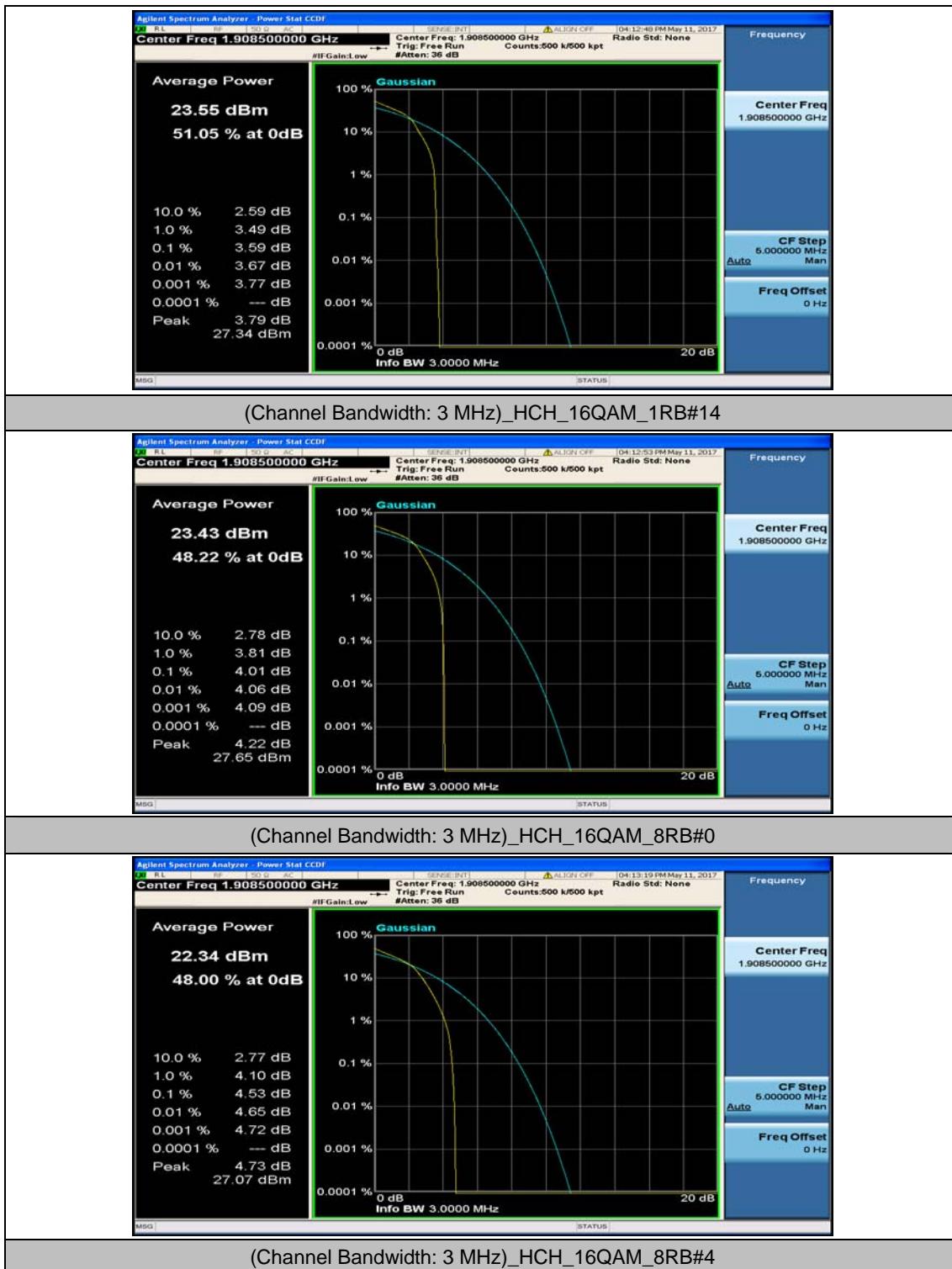


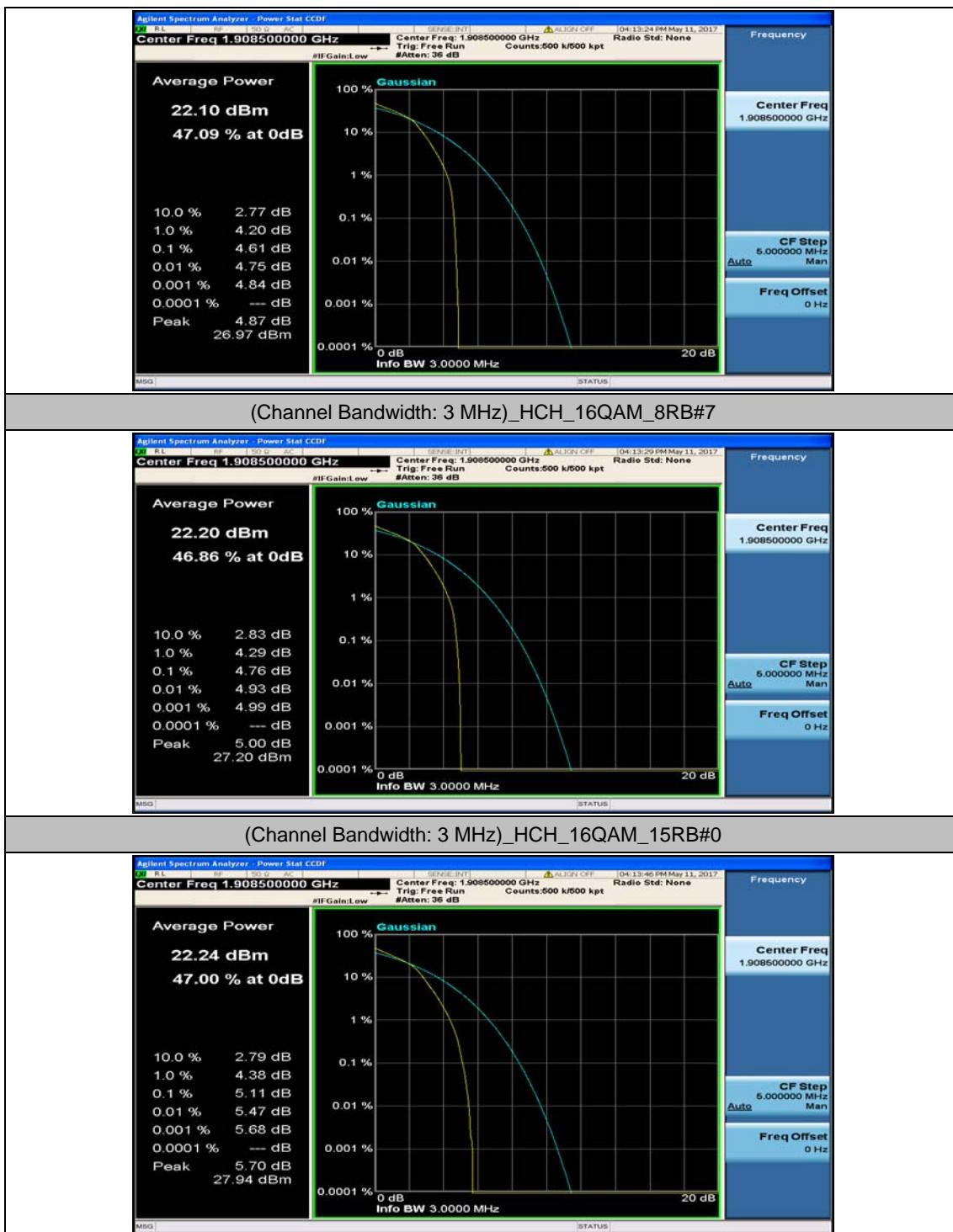


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14



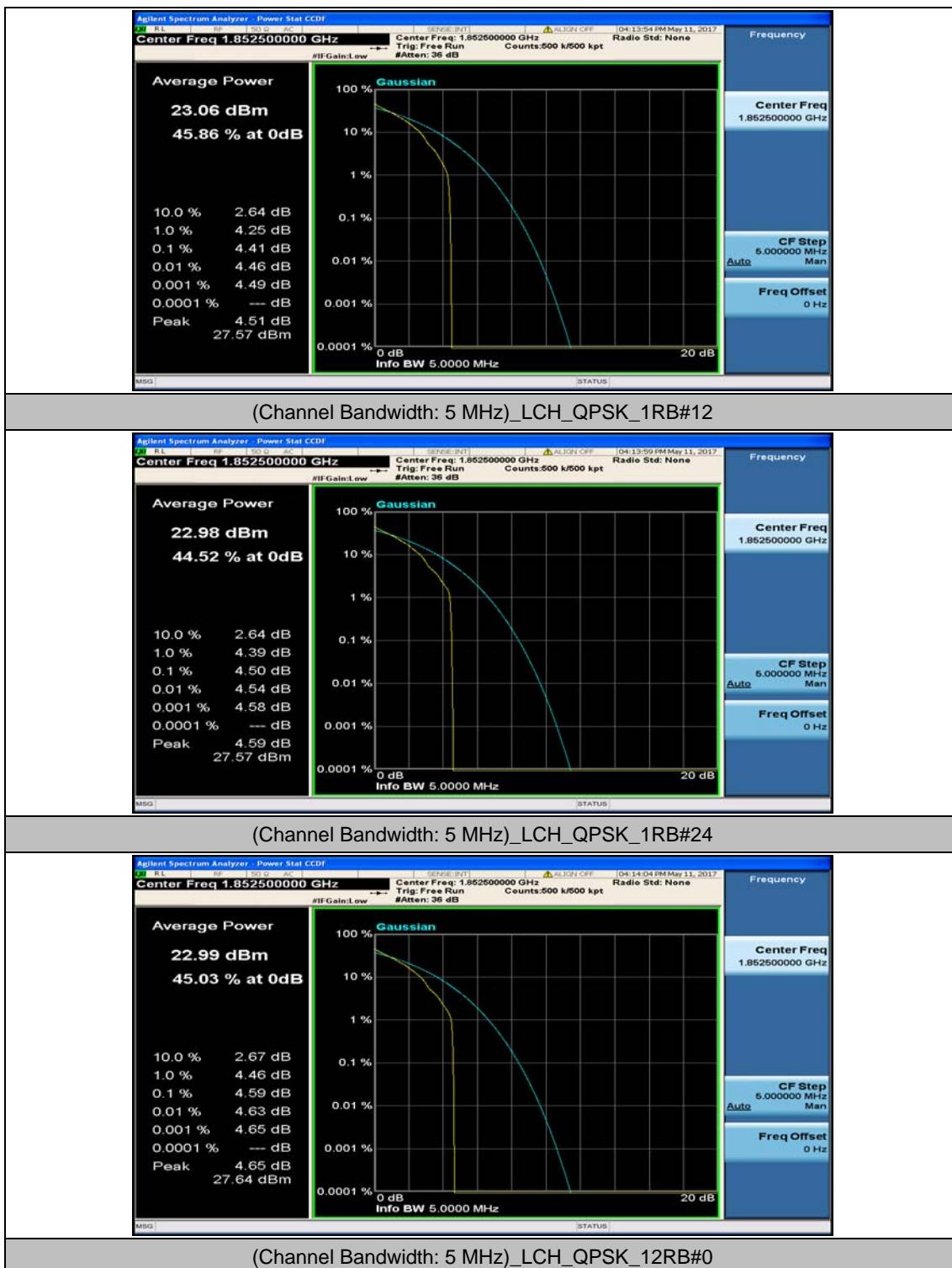


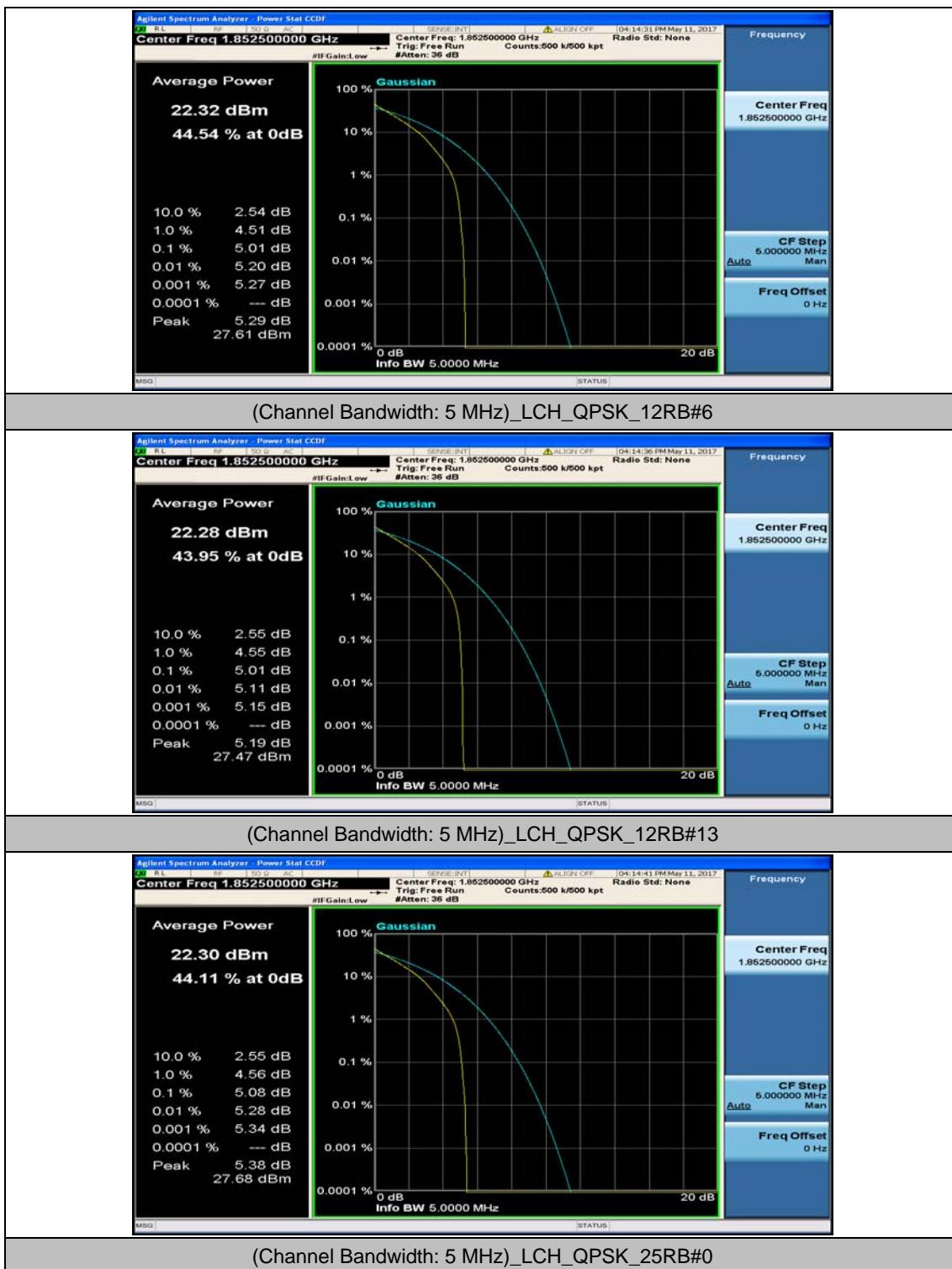


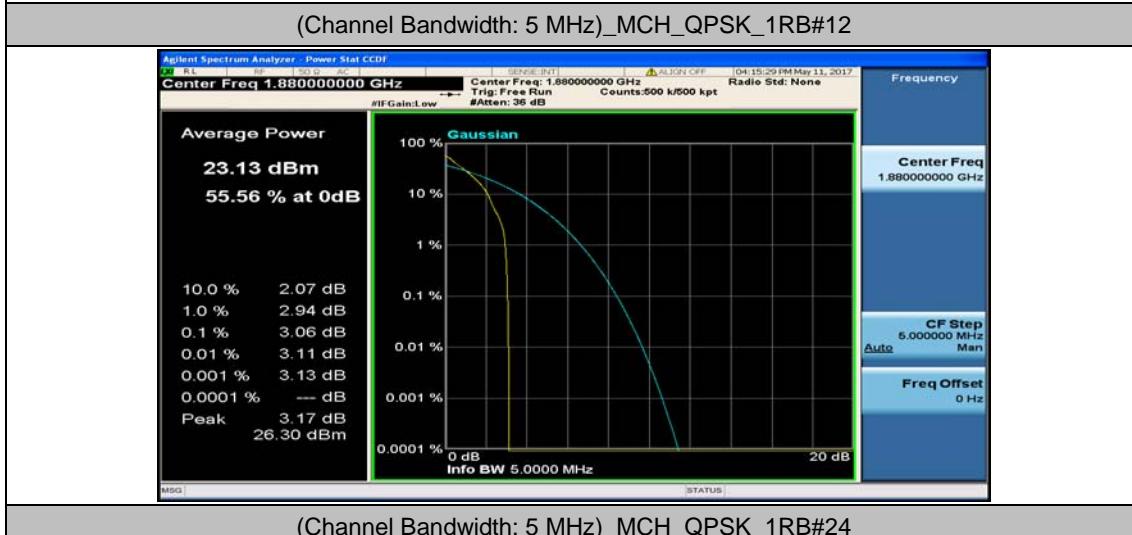
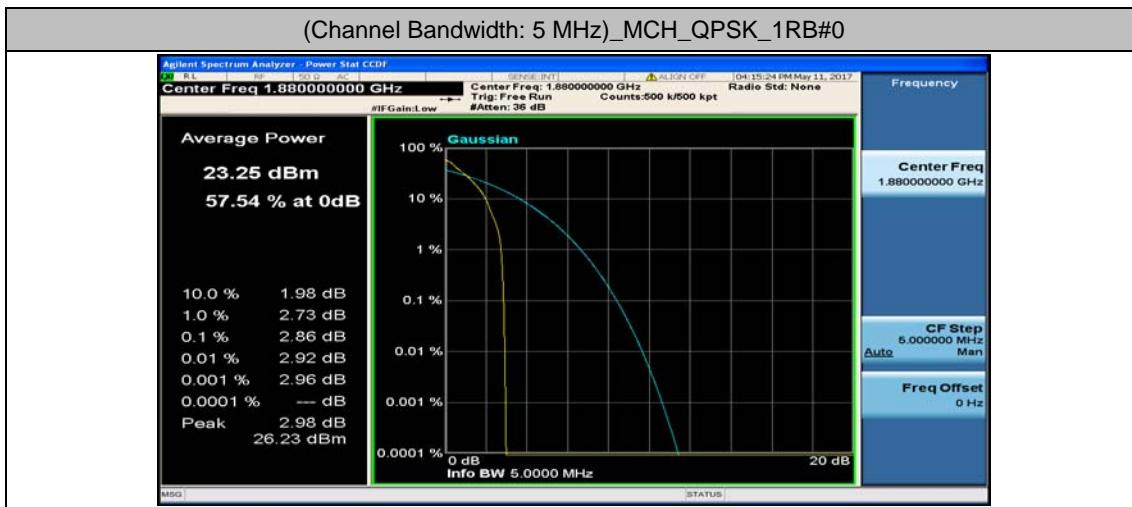


Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0







(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24

