

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	24.81	PASS
		1	3	24.79	PASS
		1	5	24.77	PASS
		3	0	23.65	PASS
		3	2	23.43	PASS
		3	3	23.22	PASS
		6	0	23.43	PASS
	MCH	1	0	23.41	PASS
		1	3	23.34	PASS
		1	5	23.35	PASS
		3	0	23.45	PASS
		3	2	23.45	PASS
		3	3	23.43	PASS
		6	0	22.27	PASS
16QAM	HCH	1	0	23.02	PASS
		1	3	22.97	PASS
		1	5	22.98	PASS
		3	0	23.12	PASS
		3	2	23.01	PASS
		3	3	23.05	PASS
		6	0	22.11	PASS
	LCH	1	0	24.05	PASS
		1	3	24.12	PASS
		1	5	24.05	PASS
		3	0	24.06	PASS
		3	2	23.98	PASS
		3	3	24.00	PASS
		6	0	22.87	PASS
	MCH	1	0	22.63	PASS
		1	3	22.66	PASS
		1	5	22.59	PASS
		3	0	22.52	PASS
		3	2	22.46	PASS

		3	3	22.36	PASS
		6	0	21.32	PASS
HCH	HCH	1	0	22.37	PASS
		1	3	22.39	PASS
		1	5	22.33	PASS
		3	0	22.09	PASS
		3	2	22.05	PASS
		3	3	22.09	PASS
		6	0	21.03	PASS

Channel Bandwidth: 3 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	24.78	PASS
		1	7	24.78	PASS
		1	14	24.66	PASS
		8	0	23.87	PASS
		8	4	23.86	PASS
		8	7	23.83	PASS
		15	0	23.82	PASS
	MCH	1	0	23.31	PASS
		1	7	23.30	PASS
		1	14	23.21	PASS
		8	0	22.39	PASS
		8	4	22.36	PASS
		8	7	22.36	PASS
		15	0	22.36	PASS
	HCH	1	0	23.05	PASS
		1	7	23.07	PASS
		1	14	22.90	PASS
		8	0	22.15	PASS
		8	4	22.12	PASS
		8	7	22.07	PASS
		15	0	22.05	PASS
16QAM	LCH	1	0	24.03	PASS
		1	7	24.03	PASS
		1	14	23.92	PASS
		8	0	22.92	PASS
		8	4	22.90	PASS
		8	7	22.86	PASS
		15	0	22.79	PASS
	MCH	1	0	22.59	PASS

		1	7	22.58	PASS
		1	14	22.51	PASS
		8	0	21.46	PASS
		8	4	21.44	PASS
		8	7	21.41	PASS
		15	0	21.34	PASS
	HCH	1	0	22.37	PASS
		1	7	22.39	PASS
		1	14	22.27	PASS
		8	0	21.15	PASS
		8	4	21.10	PASS
		8	7	21.07	PASS
		15	0	21.06	PASS

Channel Bandwidth: 5 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	24.87	PASS
		1	12	24.66	PASS
		1	24	24.65	PASS
		12	0	23.81	PASS
		12	6	23.82	PASS
		12	13	23.79	PASS
		25	0	23.78	PASS
	MCH	1	0	23.51	PASS
		1	12	23.37	PASS
		1	24	23.28	PASS
		12	0	22.50	PASS
		12	6	22.42	PASS
		12	13	22.40	PASS
		25	0	22.36	PASS
	HCH	1	0	23.31	PASS
		1	12	23.17	PASS
		1	24	23.01	PASS
		12	0	22.23	PASS
		12	6	22.18	PASS
		12	13	22.12	PASS
		25	0	22.14	PASS
16QAM	LCH	1	0	24.21	PASS
		1	12	24.07	PASS
		1	24	23.95	PASS
		12	0	23.00	PASS

		12	6	22.98	PASS
		12	13	22.93	PASS
		25	0	22.83	PASS
MCH		1	0	22.87	PASS
		1	12	22.74	PASS
		1	24	22.65	PASS
		12	0	21.65	PASS
		12	6	21.57	PASS
		12	13	21.55	PASS
		25	0	21.41	PASS
HCH		1	0	22.21	PASS
		1	12	22.18	PASS
		1	24	21.98	PASS
		12	0	21.27	PASS
		12	6	21.24	PASS
		12	13	21.16	PASS
		25	0	21.17	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	24.26	PASS
		1	24	24.63	PASS
		1	49	24.25	PASS
		25	0	23.73	PASS
		25	12	23.67	PASS
		25	25	23.54	PASS
		50	0	23.68	PASS
	MCH	1	0	23.56	PASS
		1	24	23.33	PASS
		1	49	23.25	PASS
		25	0	22.50	PASS
		25	12	22.37	PASS
		25	25	22.33	PASS
		50	0	22.41	PASS
	HCH	1	0	23.36	PASS
		1	24	23.22	PASS
		1	49	22.95	PASS
		25	0	22.31	PASS
		25	12	22.23	PASS
		25	25	22.13	PASS
		50	0	22.23	PASS

16QAM	LCH	1	0	23.59	PASS
		1	24	23.87	PASS
		1	49	23.61	PASS
		25	0	22.77	PASS
		25	12	22.68	PASS
		25	25	22.56	PASS
		50	0	22.70	PASS
	MCH	1	0	22.83	PASS
		1	24	22.63	PASS
		1	49	22.53	PASS
		25	0	21.52	PASS
		25	12	21.40	PASS
		25	25	21.37	PASS
		50	0	21.42	PASS
	HCH	1	0	22.59	PASS
		1	24	22.48	PASS
		1	49	22.33	PASS
		25	0	21.28	PASS
		25	12	21.25	PASS
		25	25	21.17	PASS
		50	0	21.27	PASS

Channel Bandwidth: 15 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	24.53	PASS
		1	37	24.53	PASS
		1	74	24.21	PASS
		37	0	23.86	PASS
		37	18	23.72	PASS
		37	38	23.56	PASS
		75	0	23.70	PASS
	MCH	1	0	23.75	PASS
		1	37	23.26	PASS
		1	74	23.23	PASS
		37	0	22.67	PASS
		37	18	22.48	PASS
		37	38	22.42	PASS
		75	0	22.55	PASS
	HCH	1	0	23.37	PASS
		1	37	23.35	PASS
		1	74	22.95	PASS

		37	0	22.45	PASS
		37	18	22.53	PASS
		37	38	22.25	PASS
		75	0	22.51	PASS
16QAM	LCH	1	0	23.84	PASS
		1	37	23.80	PASS
		1	74	23.42	PASS
		37	0	22.81	PASS
		37	18	22.65	PASS
		37	38	22.49	PASS
		75	0	22.64	PASS
	MCH	1	0	23.00	PASS
		1	37	22.59	PASS
		1	74	22.55	PASS
		37	0	21.65	PASS
		37	18	21.44	PASS
		37	38	21.37	PASS
		75	0	21.53	PASS
	HCH	1	0	23.06	PASS
		1	37	22.55	PASS
		1	74	22.21	PASS
		37	0	21.74	PASS
		37	18	21.26	PASS
		37	38	21.37	PASS
		75	0	21.81	PASS

Channel Bandwidth: 20 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	24.92	PASS
		1	49	24.50	PASS
		1	99	24.07	PASS
		50	0	24.71	PASS
		50	25	24.87	PASS
		50	50	24.89	PASS
		100	0	23.92	PASS
	MCH	1	0	23.97	PASS
		1	49	23.40	PASS
		1	99	23.36	PASS
		50	0	22.64	PASS
		50	25	22.38	PASS
		50	50	22.32	PASS

		100	0	22.59	PASS
HCH	HCH	1	0	23.38	PASS
		1	49	23.42	PASS
		1	99	23.41	PASS
		50	0	22.36	PASS
		50	25	22.29	PASS
		50	50	22.20	PASS
		100	0	22.26	PASS
16QAM	LCH	1	0	23.96	PASS
		1	49	23.65	PASS
		1	99	23.18	PASS
		50	0	22.65	PASS
		50	25	22.41	PASS
		50	50	22.20	PASS
		100	0	22.41	PASS
	MCH	1	0	23.11	PASS
		1	49	22.59	PASS
		1	99	22.52	PASS
		50	0	21.65	PASS
		50	25	21.40	PASS
		50	50	21.33	PASS
		100	0	21.52	PASS
	HCH	1	0	22.73	PASS
		1	49	22.59	PASS
		1	99	22.35	PASS
		50	0	21.41	PASS
		50	25	21.32	PASS
		50	50	21.24	PASS
		100	0	21.26	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	4.08	<13	PASS
		1	3	4.15	<13	PASS
		1	5	4.11	<13	PASS
		3	0	4.36	<13	PASS
		3	2	4.36	<13	PASS
		3	3	4.08	<13	PASS
		6	0	5.1	<13	PASS
	MCH	1	0	4.05	<13	PASS
		1	3	4.07	<13	PASS
		1	5	4.08	<13	PASS
		3	0	4.28	<13	PASS
		3	2	4.37	<13	PASS
		3	3	4.27	<13	PASS
		6	0	5.19	<13	PASS
16QAM	LCH	1	0	3.58	<13	PASS
		1	3	3.47	<13	PASS
		1	5	3.37	<13	PASS
		3	0	3.7	<13	PASS
		3	2	3.66	<13	PASS
		3	3	3.59	<13	PASS
		6	0	4.67	<13	PASS
	MCH	1	0	4.89	<13	PASS
		1	3	4.94	<13	PASS
		1	5	4.82	<13	PASS
		3	0	5.05	<13	PASS
		3	2	5.25	<13	PASS
		3	3	5.19	<13	PASS
		6	0	5.91	<13	PASS

		3	2	5.31	<13	PASS
		3	3	5.24	<13	PASS
		6	0	6.1	<13	PASS
HCH		1	0	4.44	<13	PASS
		1	3	4.44	<13	PASS
		1	5	4.27	<13	PASS
		3	0	4.47	<13	PASS
		3	2	4.44	<13	PASS
		3	3	4.42	<13	PASS
		6	0	5.66	<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	3.88	<13	PASS
		1	7	3.94	<13	PASS
		1	14	3.9	<13	PASS
		8	0	5.01	<13	PASS
		8	4	5.04	<13	PASS
		8	7	4.99	<13	PASS
		15	0	5.19	<13	PASS
	MCH	1	0	4.12	<13	PASS
		1	7	4.27	<13	PASS
		1	14	4.15	<13	PASS
		8	0	5.22	<13	PASS
		8	4	5.32	<13	PASS
		8	7	5.26	<13	PASS
		15	0	5.29	<13	PASS
	HCH	1	0	3.47	<13	PASS
		1	7	3.59	<13	PASS
		1	14	3.39	<13	PASS
		8	0	4.75	<13	PASS
		8	4	4.82	<13	PASS
		8	7	4.82	<13	PASS
		15	0	4.87	<13	PASS
16QAM	LCH	1	0	4.79	<13	PASS
		1	7	4.83	<13	PASS
		1	14	4.79	<13	PASS
		8	0	5.79	<13	PASS
		8	4	5.87	<13	PASS

		8	7	5.87	<13	PASS
		15	0	6.03	<13	PASS
MCH		1	0	5.07	<13	PASS
		1	7	5.09	<13	PASS
		1	14	4.92	<13	PASS
		8	0	6.05	<13	PASS
		8	4	5.99	<13	PASS
		8	7	5.94	<13	PASS
		15	0	6.23	<13	PASS
HCH		1	0	4.35	<13	PASS
		1	7	4.71	<13	PASS
		1	14	4.35	<13	PASS
		8	0	5.6	<13	PASS
		8	4	5.63	<13	PASS
		8	7	5.63	<13	PASS
		15	0	5.77	<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	3.77	<13	PASS
		1	12	3.8	<13	PASS
		1	24	3.78	<13	PASS
		12	0	5.05	<13	PASS
		12	6	5.01	<13	PASS
		12	13	4.99	<13	PASS
		25	0	5.16	<13	PASS
	MCH	1	0	4.07	<13	PASS
		1	12	4.09	<13	PASS
		1	24	4.13	<13	PASS
		12	0	5.21	<13	PASS
		12	6	5.27	<13	PASS
		12	13	5.19	<13	PASS
		25	0	5.34	<13	PASS
	HCH	1	0	3.04	<13	PASS
		1	12	3.47	<13	PASS
		1	24	3.43	<13	PASS
		12	0	4.51	<13	PASS
		12	6	4.68	<13	PASS
		12	13	4.87	<13	PASS

		25	0	4.79	<13	PASS
16QAM	LCH	1	0	4.69	<13	PASS
		1	12	4.78	<13	PASS
		1	24	4.73	<13	PASS
		12	0	5.89	<13	PASS
		12	6	6.01	<13	PASS
		12	13	5.8	<13	PASS
		25	0	6.13	<13	PASS
	MCH	1	0	4.89	<13	PASS
		1	12	5.02	<13	PASS
		1	24	5.01	<13	PASS
		12	0	6.02	<13	PASS
		12	6	6.16	<13	PASS
		12	13	6.16	<13	PASS
		25	0	6.17	<13	PASS
	HCH	1	0	3.99	<13	PASS
		1	12	4.41	<13	PASS
		1	24	4.5	<13	PASS
		12	0	5.46	<13	PASS
		12	6	5.64	<13	PASS
		12	13	5.83	<13	PASS
		25	0	5.71	<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	4.4	<13	PASS
		1	24	3.81	<13	PASS
		1	49	3.78	<13	PASS
		25	0	5.13	<13	PASS
		25	12	5.16	<13	PASS
		25	25	4.97	<13	PASS
		50	0	5.01	<13	PASS
	MCH	1	0	4.1	<13	PASS
		1	24	4.13	<13	PASS
		1	49	4.34	<13	PASS
		25	0	5.26	<13	PASS
		25	12	5.27	<13	PASS
		25	25	5.23	<13	PASS
		50	0	5.34	<13	PASS

		1	0	2.76	<13	PASS
	HCH	1	24	2.9	<13	PASS
		1	49	3.39	<13	PASS
		25	0	4.13	<13	PASS
		25	12	4.35	<13	PASS
		25	25	4.73	<13	PASS
		50	0	4.57	<13	PASS
		1	0	4.77	<13	PASS
	LCH	1	24	4.56	<13	PASS
		1	49	4.72	<13	PASS
		25	0	6	<13	PASS
		25	12	5.83	<13	PASS
		25	25	5.71	<13	PASS
		50	0	5.88	<13	PASS
		1	0	4.95	<13	PASS
	MCH	1	24	4.95	<13	PASS
		1	49	5.14	<13	PASS
		25	0	6.13	<13	PASS
		25	12	6.15	<13	PASS
		25	25	6.2	<13	PASS
		50	0	6.11	<13	PASS
		1	0	3.74	<13	PASS
	HCH	1	24	3.94	<13	PASS
		1	49	4.42	<13	PASS
		25	0	5.03	<13	PASS
		25	12	5.25	<13	PASS
		25	25	5.63	<13	PASS
		50	0	5.39	<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	3.9	<13	PASS
		1	37	3.69	<13	PASS
		1	74	3.71	<13	PASS
		37	0	4.94	<13	PASS
		37	18	4.83	<13	PASS
		37	38	4.81	<13	PASS
		75	0	5.3	<13	PASS
	MCH	1	0	4.11	<13	PASS

	16QAM	HCH	1	37	4.2	<13	PASS
			1	74	4.18	<13	PASS
			37	0	5.16	<13	PASS
			37	18	5.21	<13	PASS
			37	38	5.31	<13	PASS
			75	0	5.89	<13	PASS
		LCH	1	0	3.58	<13	PASS
			1	37	2.77	<13	PASS
			1	74	3.37	<13	PASS
			37	0	4.26	<13	PASS
			37	18	4.08	<13	PASS
			37	38	4.46	<13	PASS
			75	0	4.87	<13	PASS
		MCH	1	0	4.64	<13	PASS
			1	37	4.57	<13	PASS
			1	74	4.6	<13	PASS
			37	0	5.8	<13	PASS
			37	18	5.71	<13	PASS
			37	38	5.71	<13	PASS
			75	0	6	<13	PASS
		HCH	1	0	4.88	<13	PASS
			1	37	4.99	<13	PASS
			1	74	5.19	<13	PASS
			37	0	6.03	<13	PASS
			37	18	6.18	<13	PASS
			37	38	6.46	<13	PASS
			75	0	6.56	<13	PASS
		LCH	1	0	4.43	<13	PASS
			1	37	3.77	<13	PASS
			1	74	4.46	<13	PASS
			37	0	5.25	<13	PASS
			37	18	5.08	<13	PASS
			37	38	5.44	<13	PASS
			75	0	5.61	<13	PASS

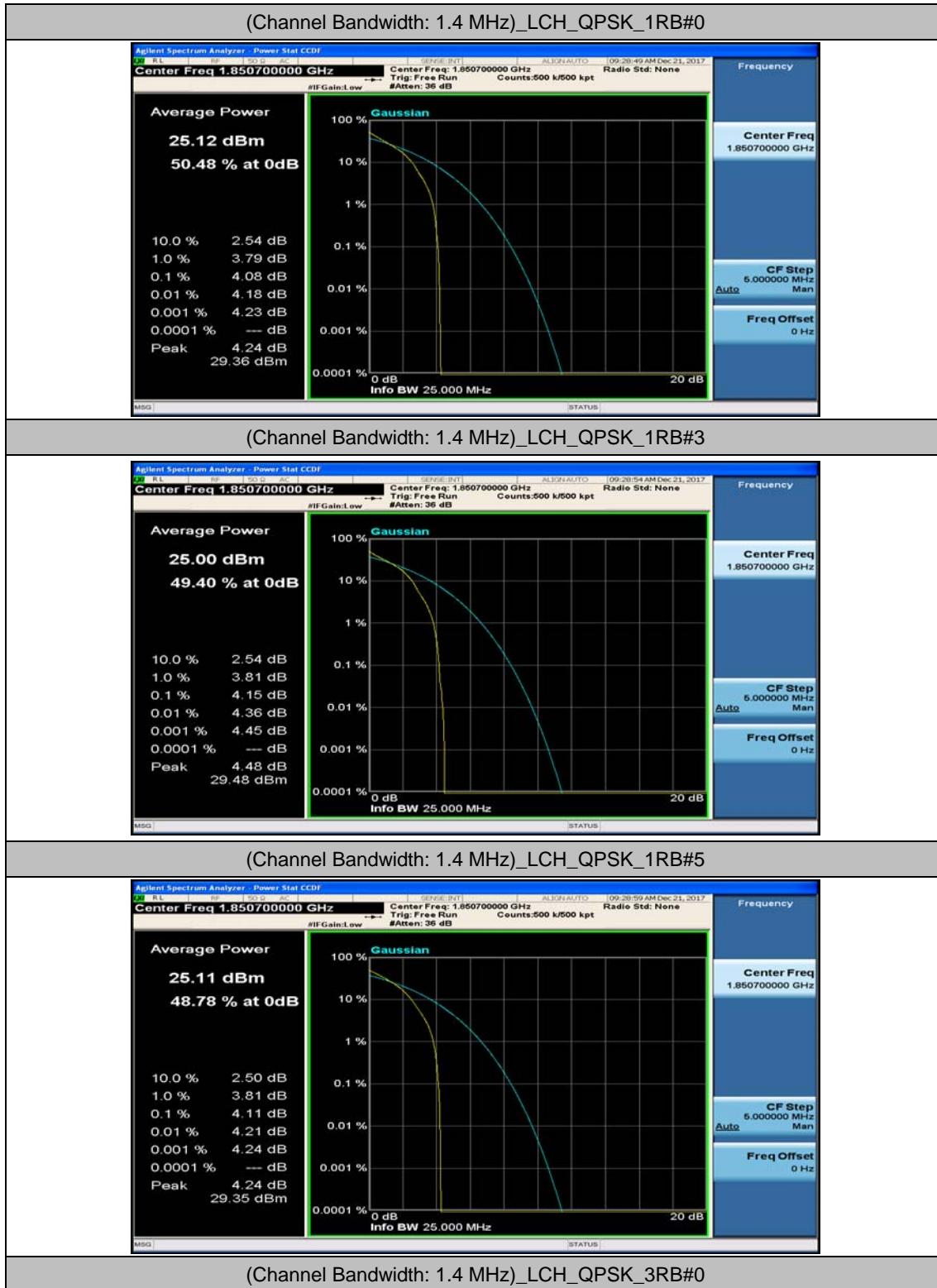
Channel Bandwidth: 20 MHz

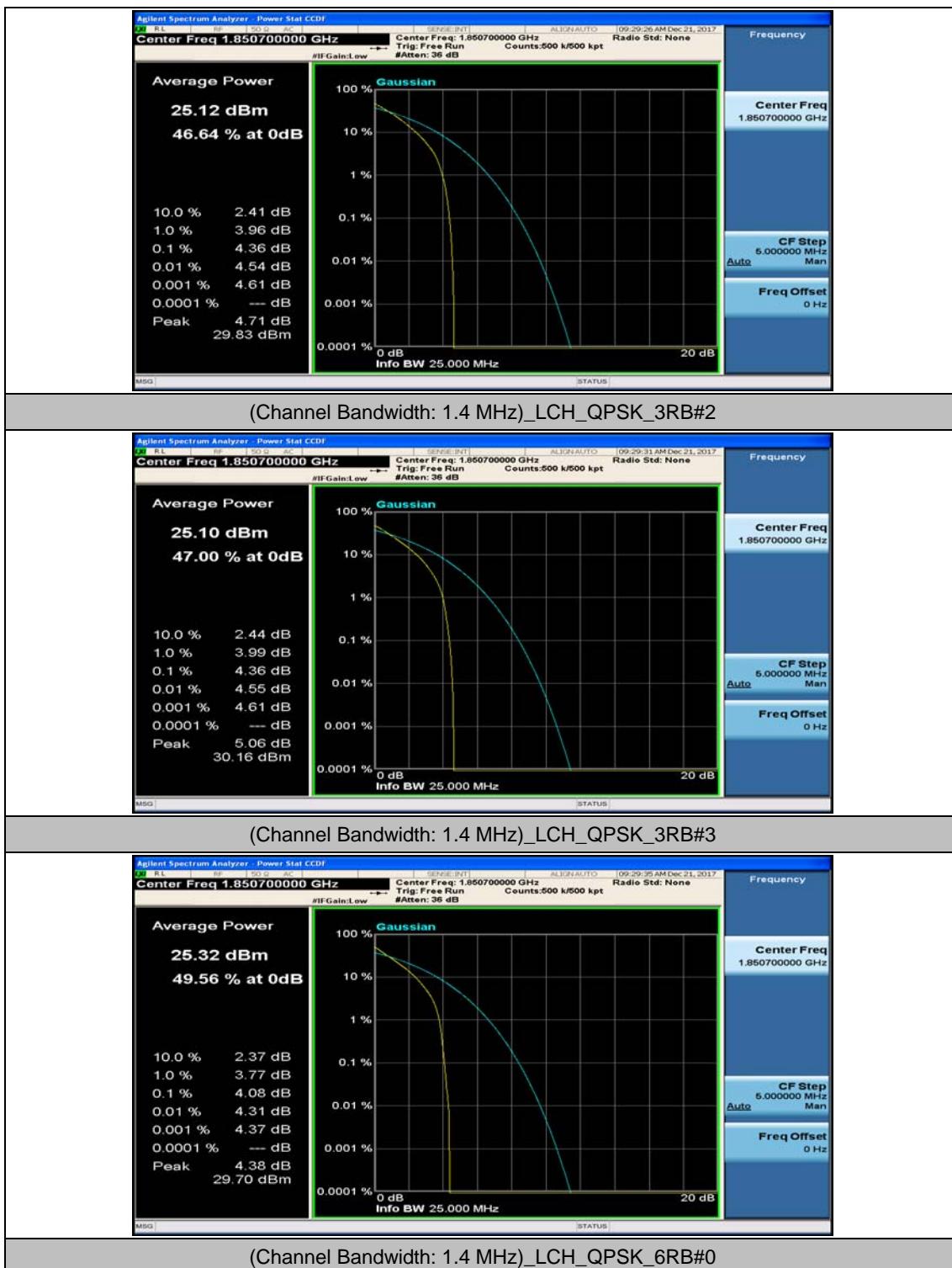
Channel Bandwidth: 20 MHz							
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict	
		Size	Offset				
QPSK	LCH	1	0	3.77	<13	PASS	
		1	49	3.61	<13	PASS	

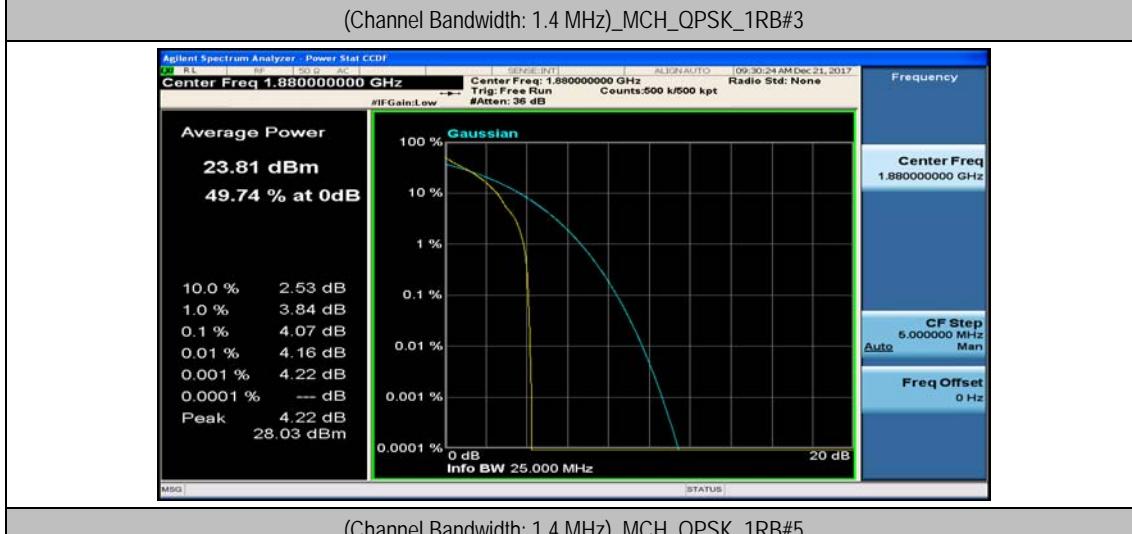
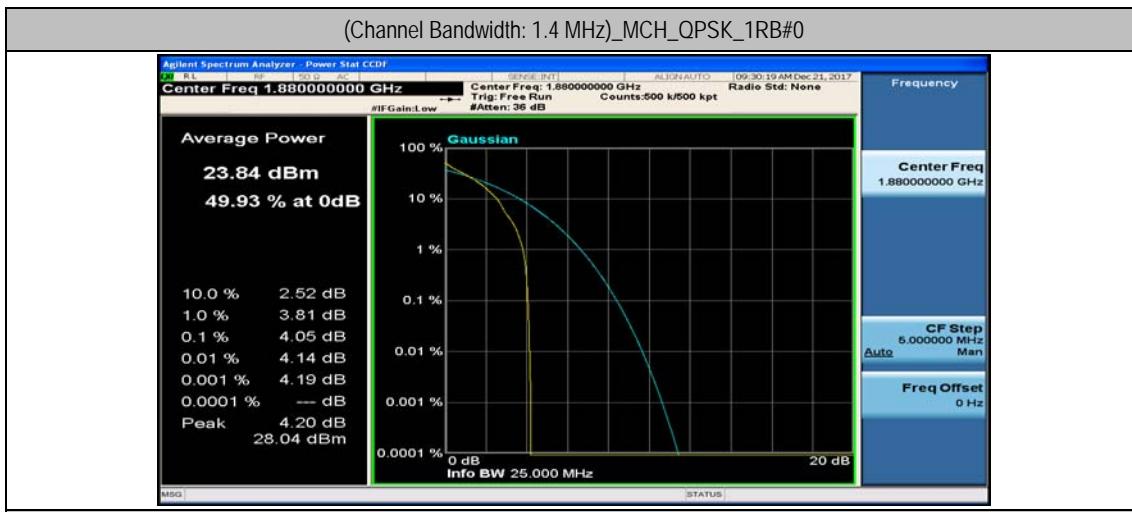
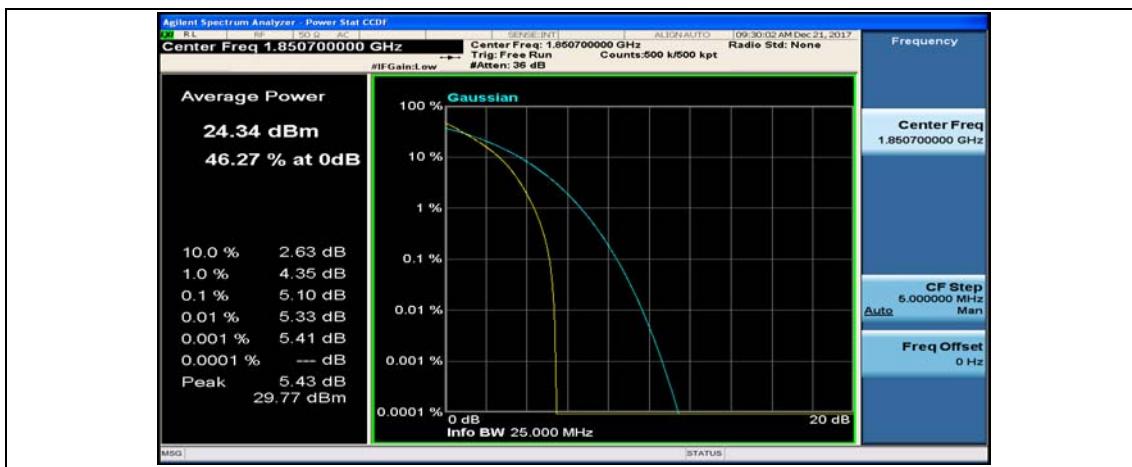
		1	99	3.87	<13	PASS
		50	0	4.99	<13	PASS
		50	25	4.94	<13	PASS
		50	50	4.99	<13	PASS
		100	0	5.3	<13	PASS
	MCH	1	0	3.98	<13	PASS
		1	49	4.12	<13	PASS
		1	99	4.22	<13	PASS
		50	0	5.22	<13	PASS
		50	25	5.28	<13	PASS
		50	50	5.41	<13	PASS
		100	0	5.49	<13	PASS
	HCH	1	0	4.52	<13	PASS
		1	49	3.29	<13	PASS
		1	99	3.91	<13	PASS
		50	0	5.08	<13	PASS
		50	25	4.59	<13	PASS
		50	50	4.62	<13	PASS
		100	0	5.15	<13	PASS
16QAM	LCH	1	0	4.67	<13	PASS
		1	49	4.4	<13	PASS
		1	99	4.66	<13	PASS
		50	0	5.86	<13	PASS
		50	25	5.76	<13	PASS
		50	50	5.87	<13	PASS
		100	0	6.03	<13	PASS
	MCH	1	0	4.73	<13	PASS
		1	49	4.9	<13	PASS
		1	99	5.06	<13	PASS
		50	0	6.05	<13	PASS
		50	25	6.15	<13	PASS
		50	50	6.22	<13	PASS
		100	0	6.29	<13	PASS
	HCH	1	0	5.23	<13	PASS
		1	49	4.15	<13	PASS
		1	99	4.64	<13	PASS
		50	0	5.9	<13	PASS
		50	25	5.43	<13	PASS
		50	50	5.5	<13	PASS
		100	0	5.88	<13	PASS

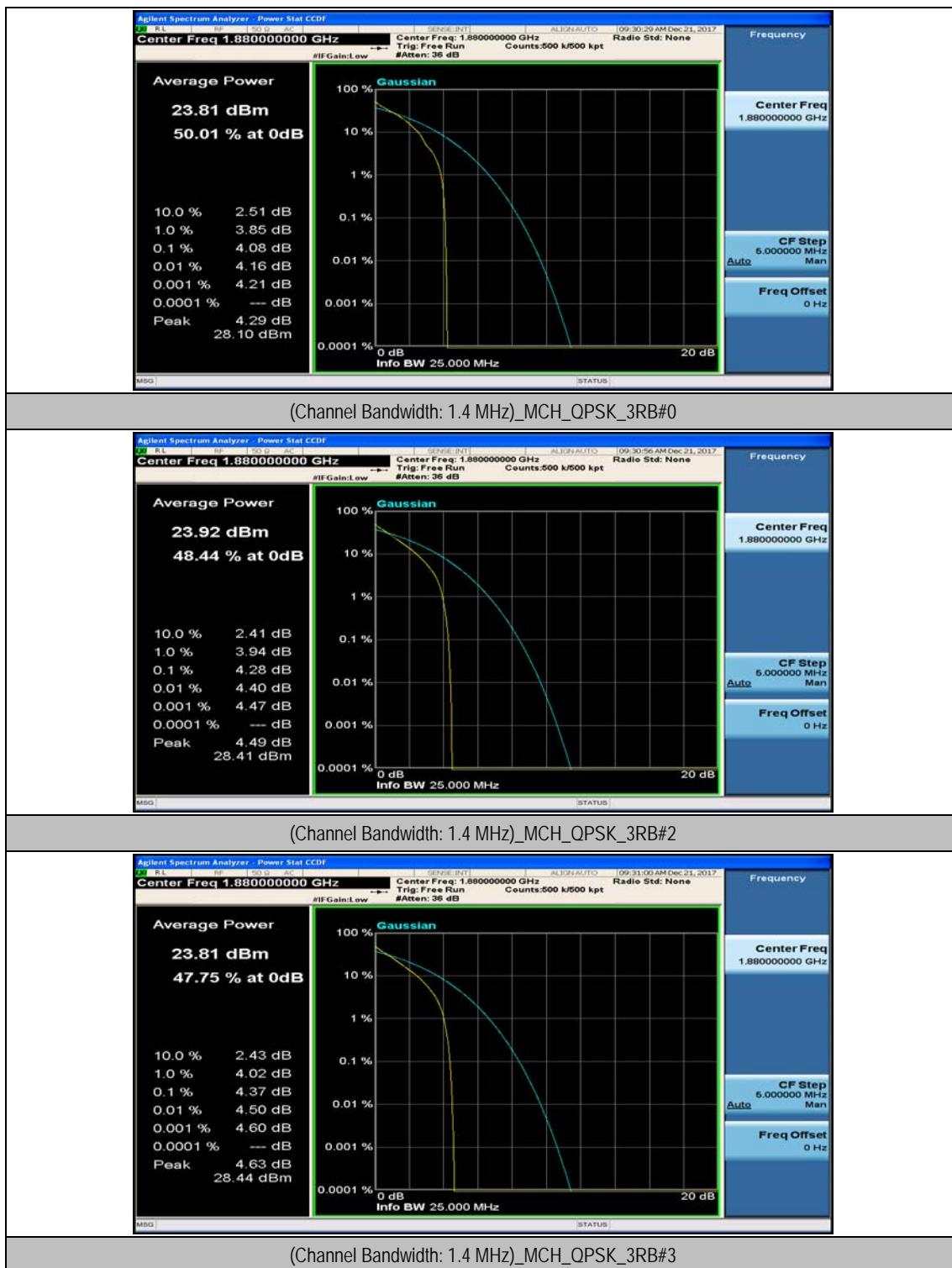
Test Graphs

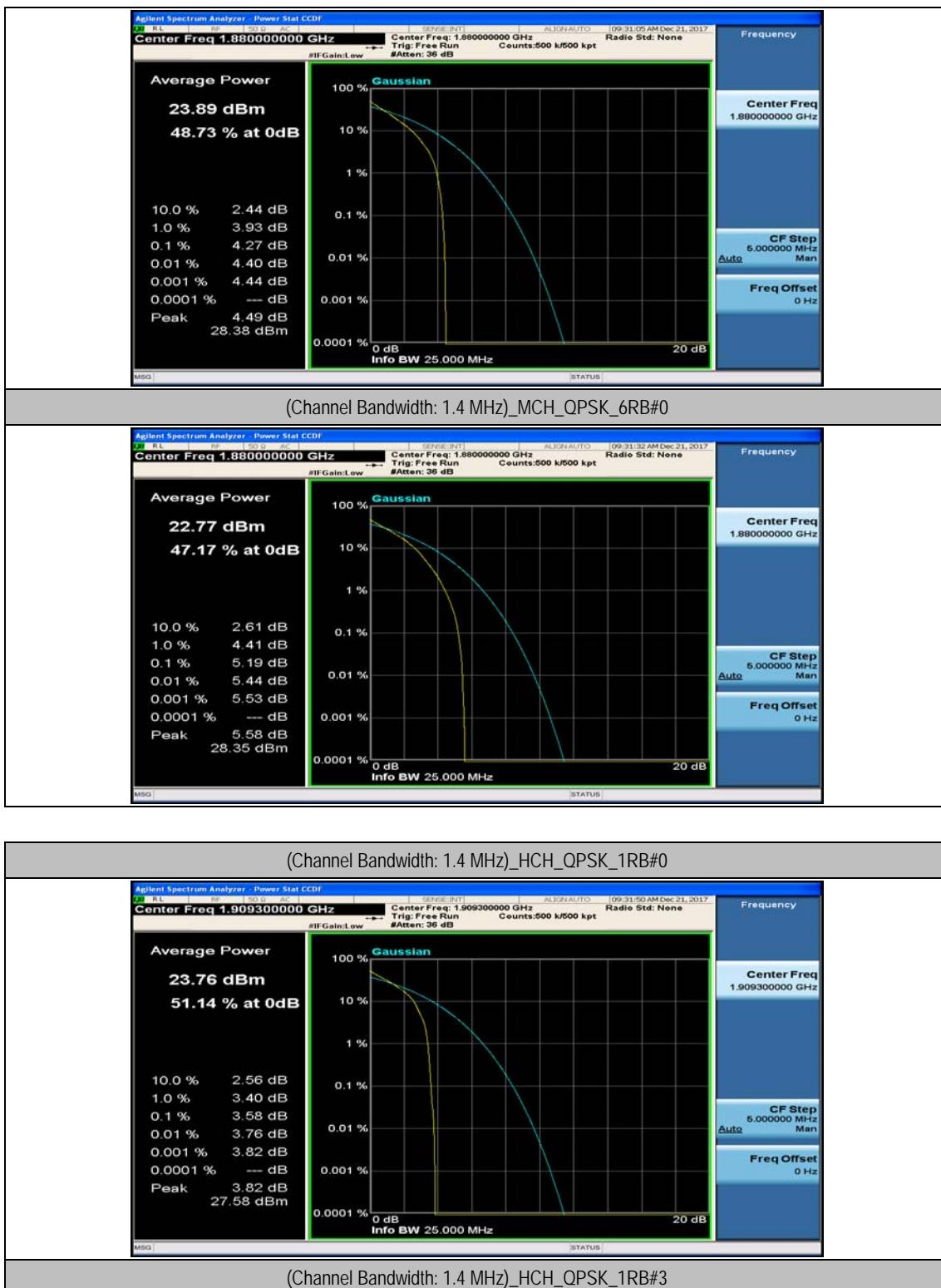
Channel Bandwidth: 1.4 MHz

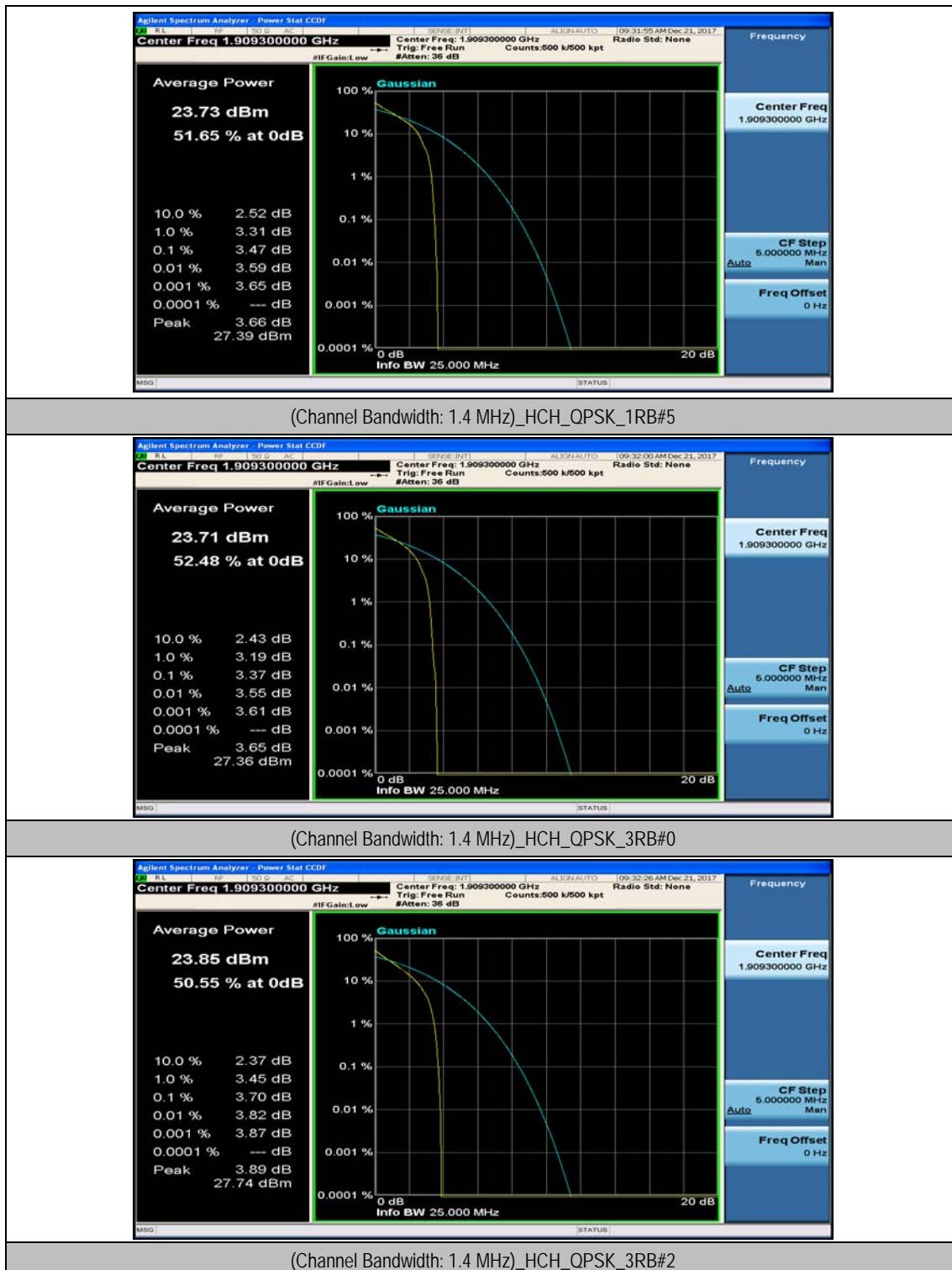


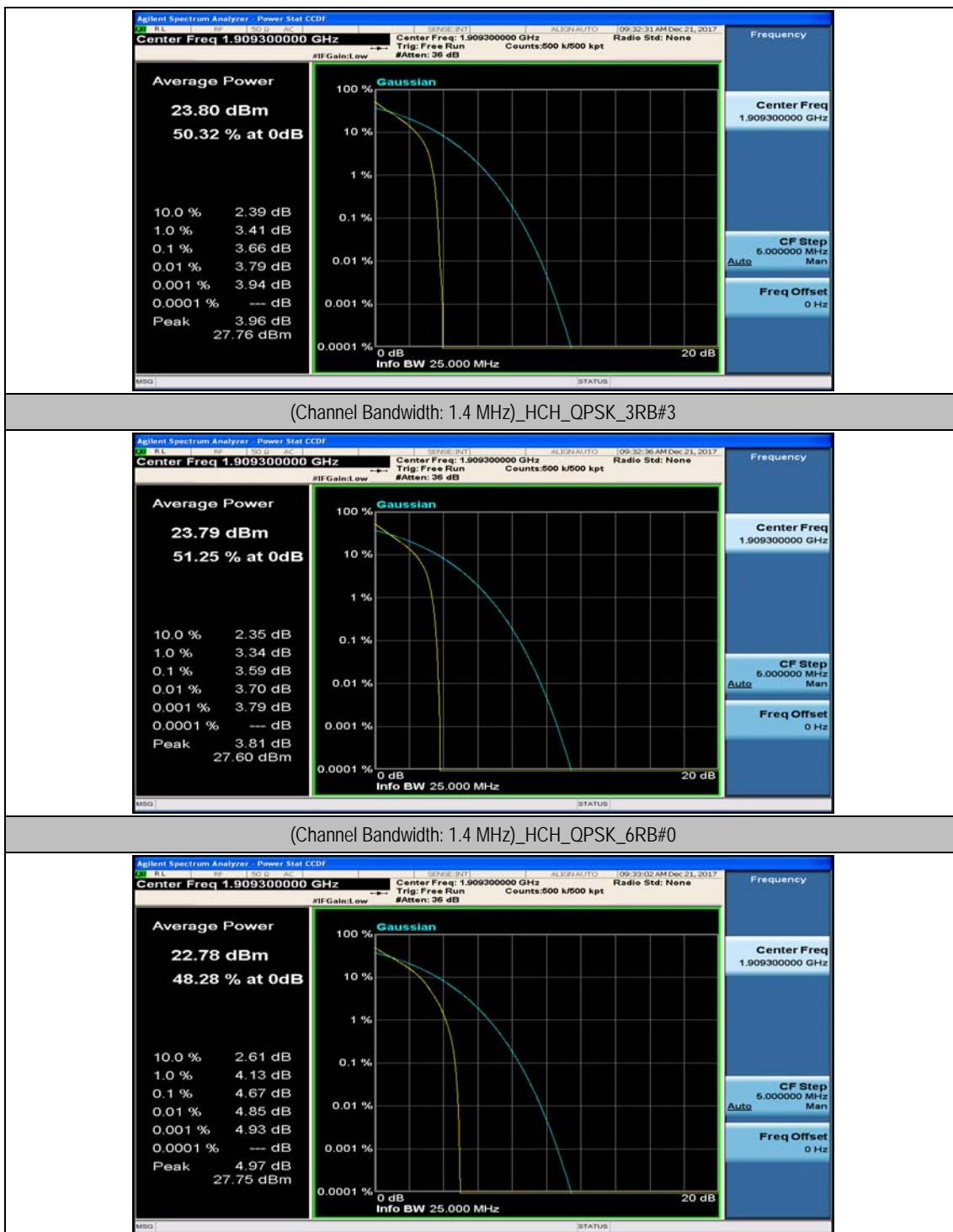


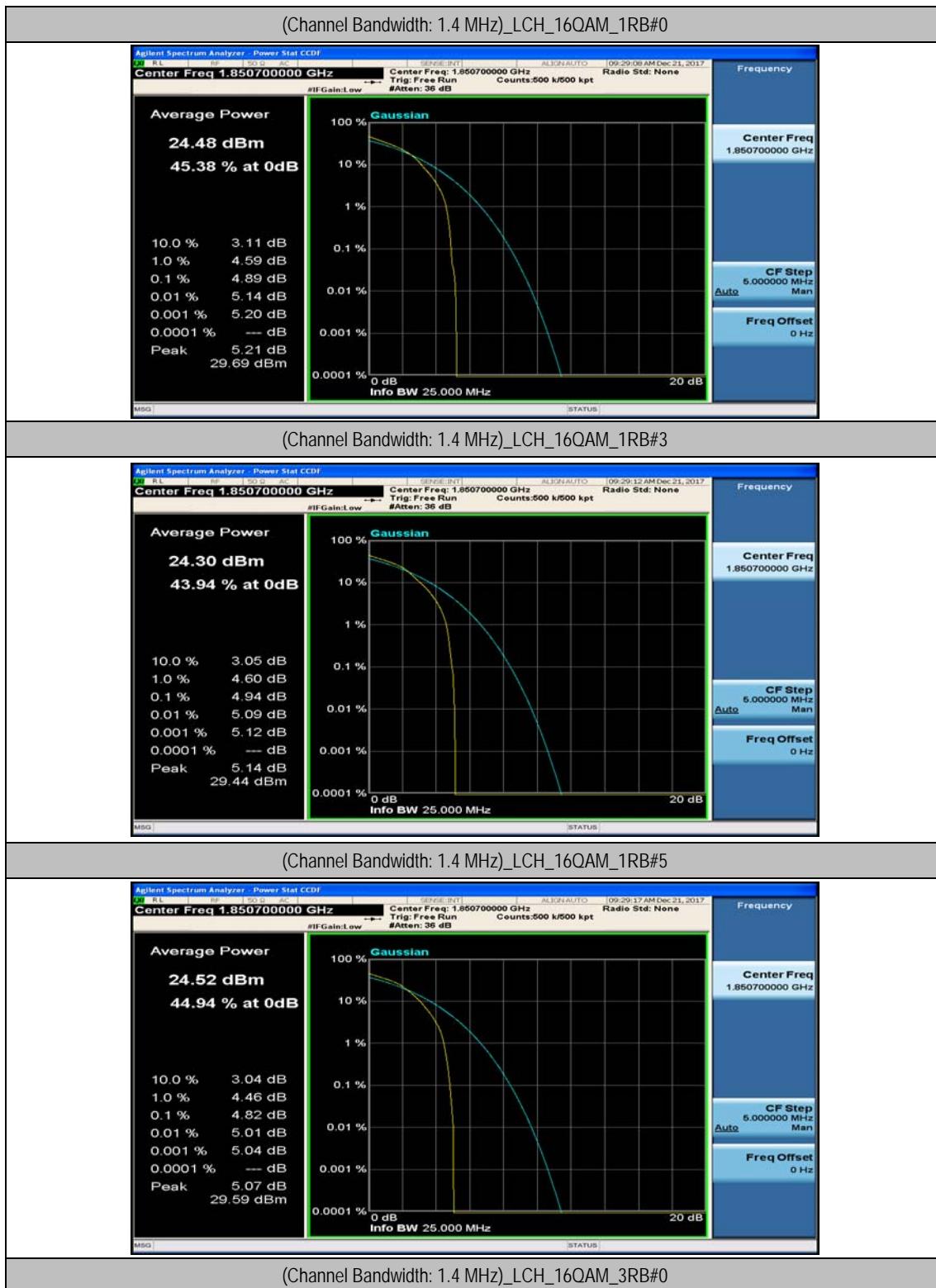


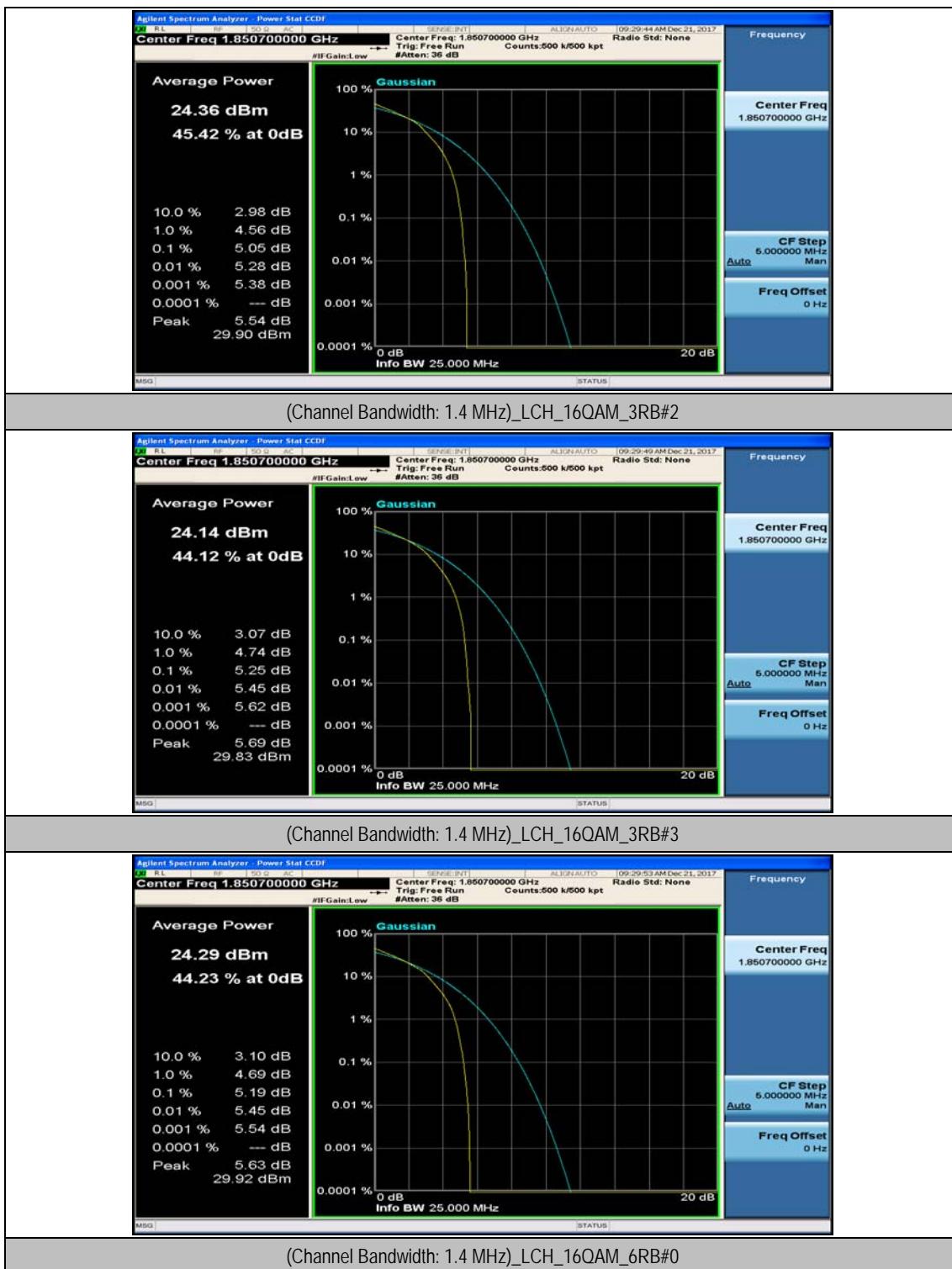


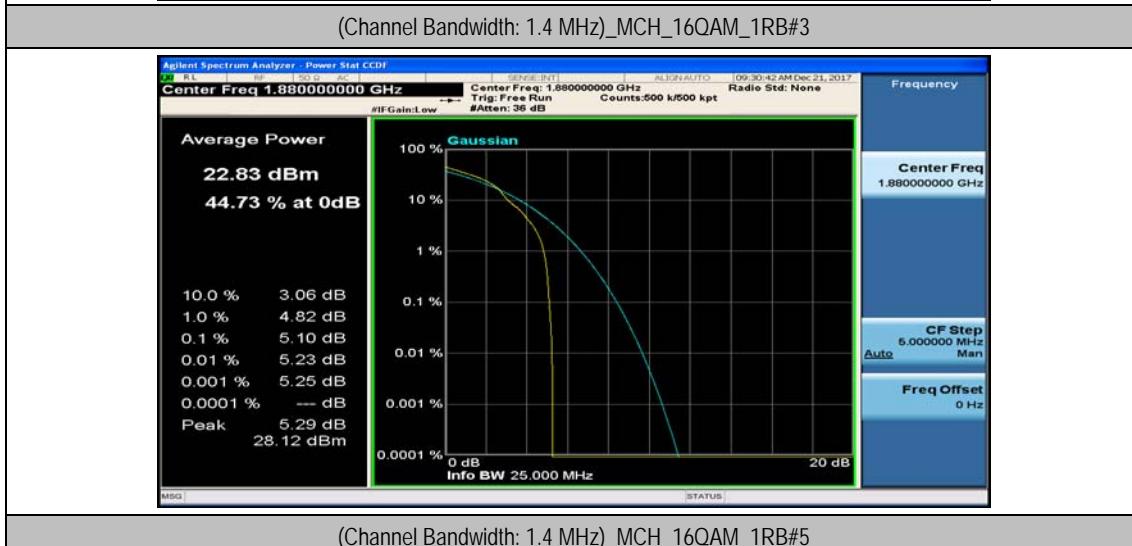
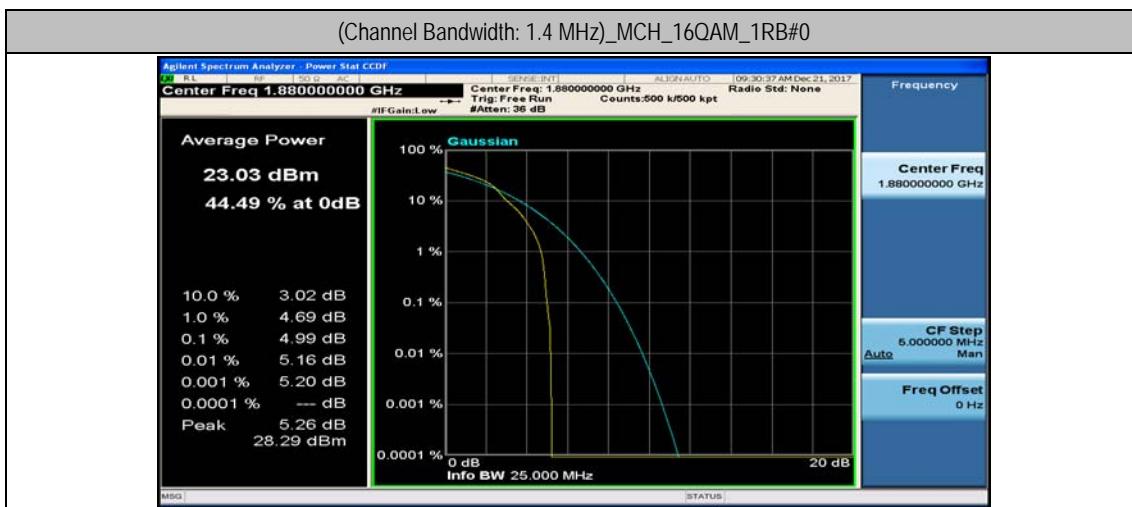
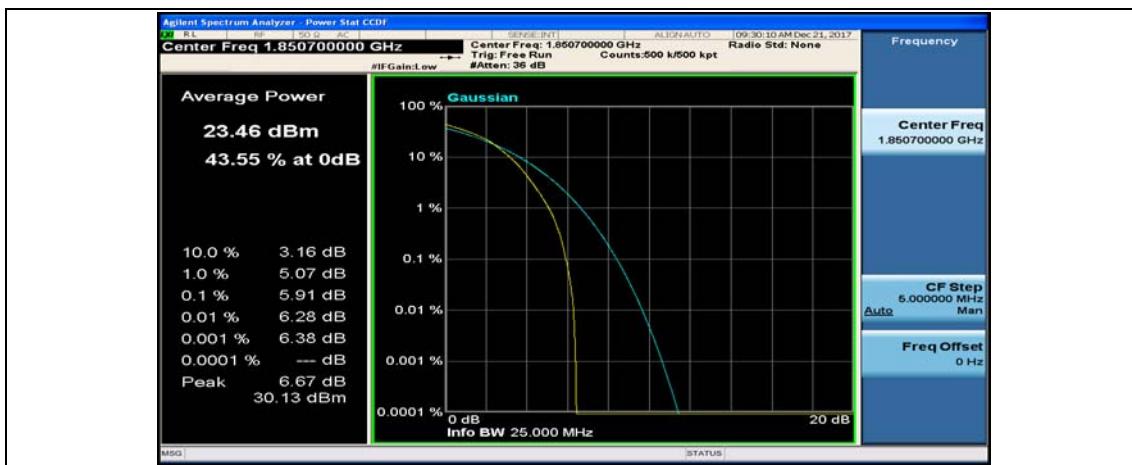


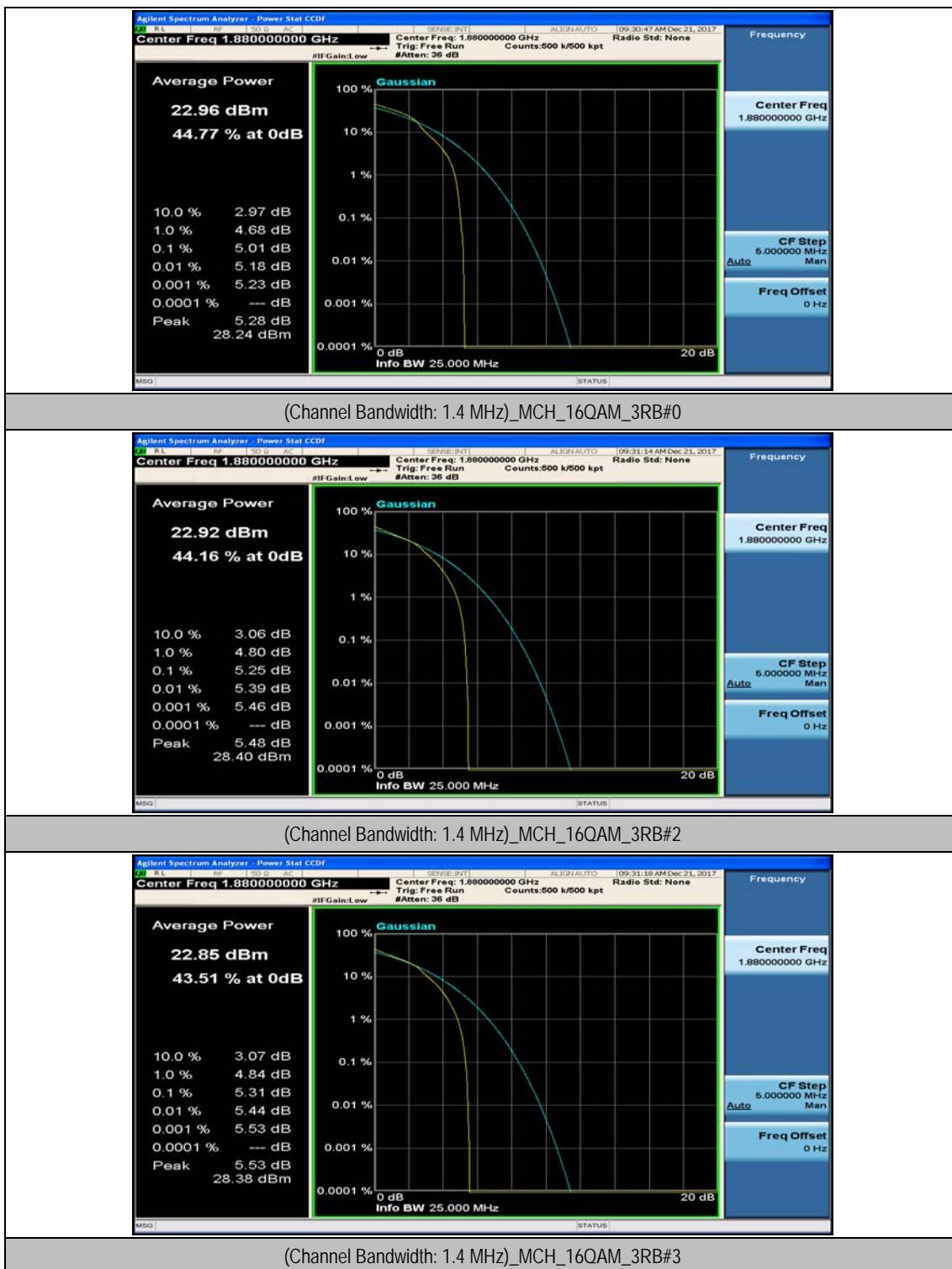


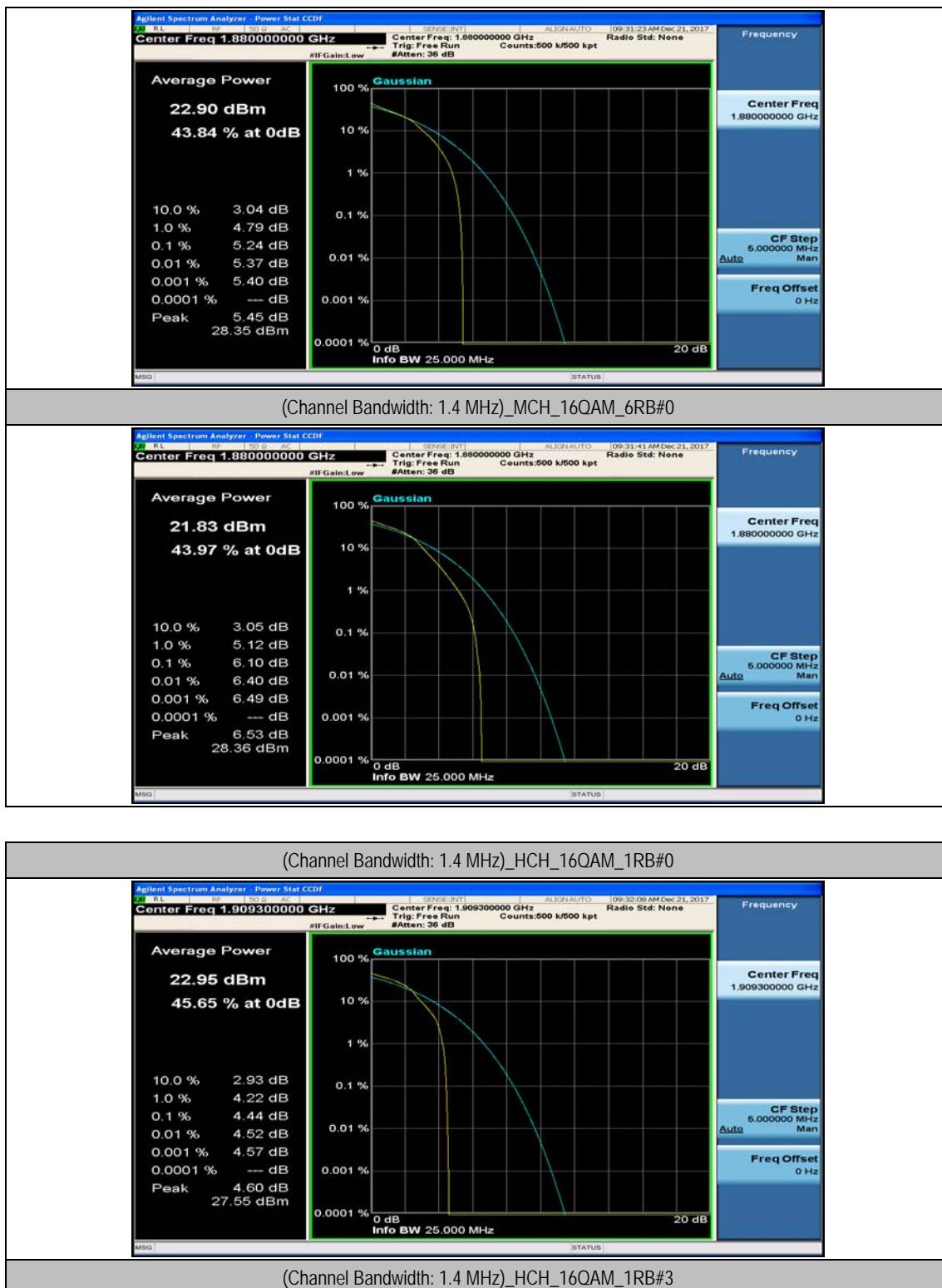


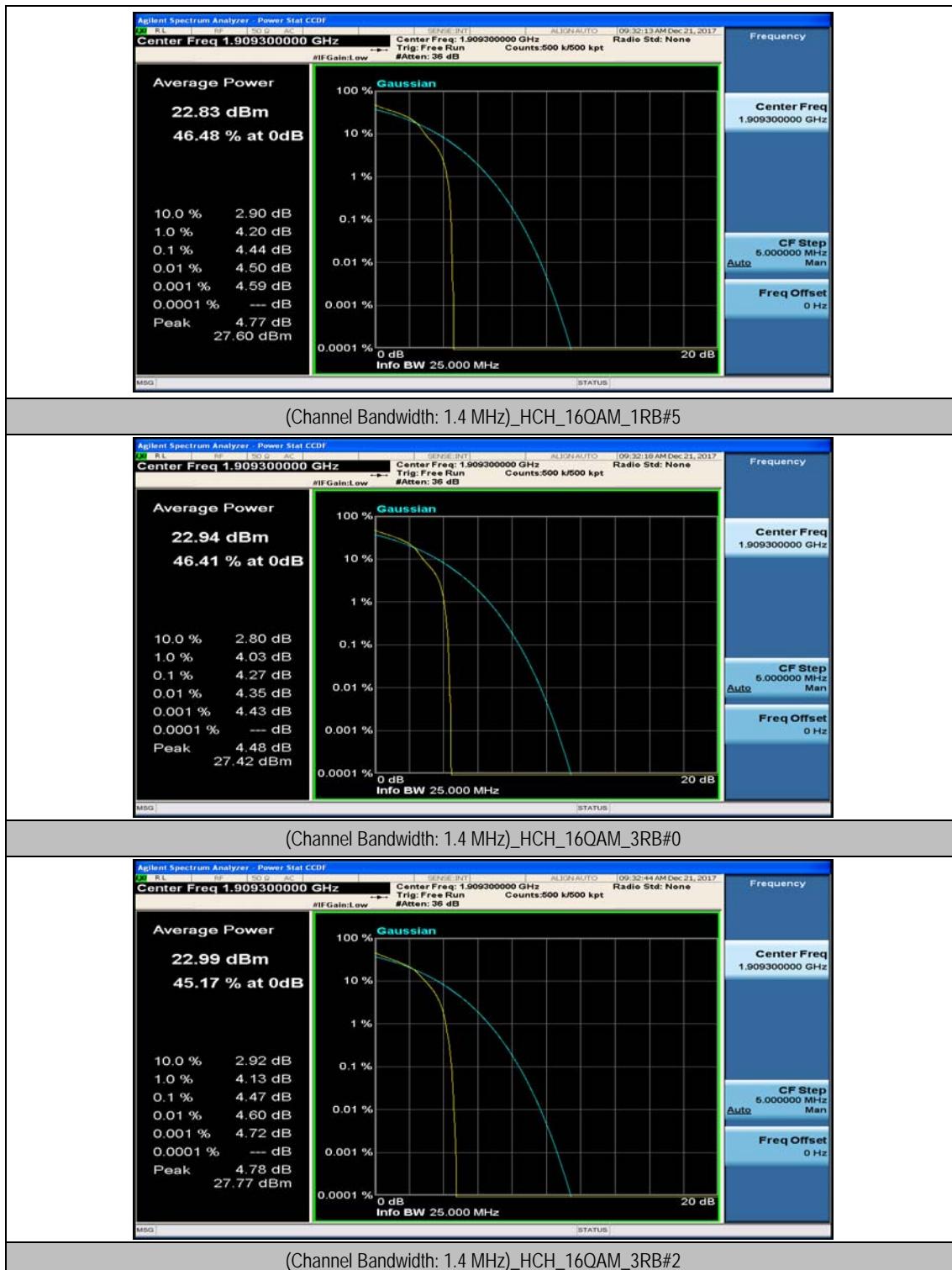


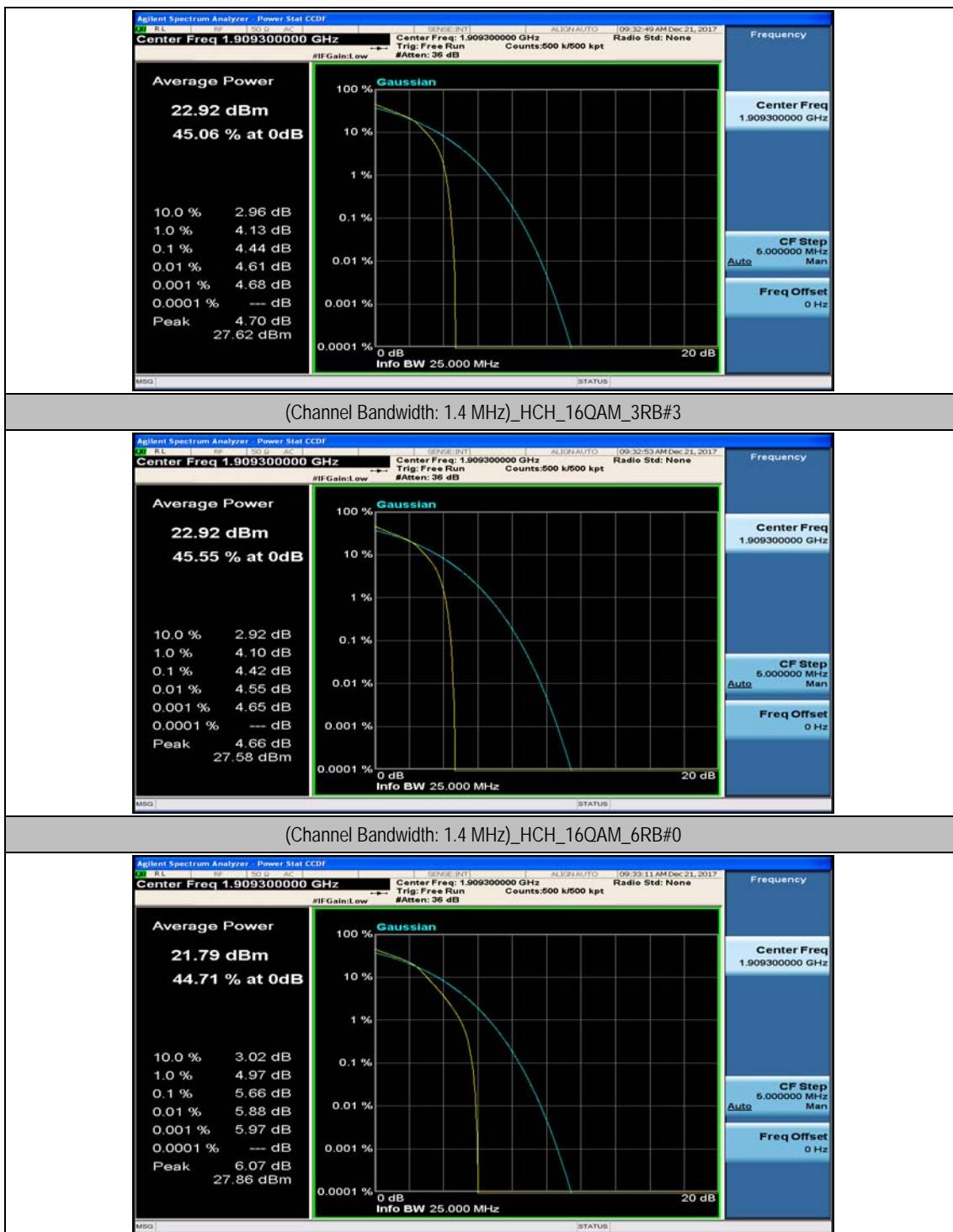




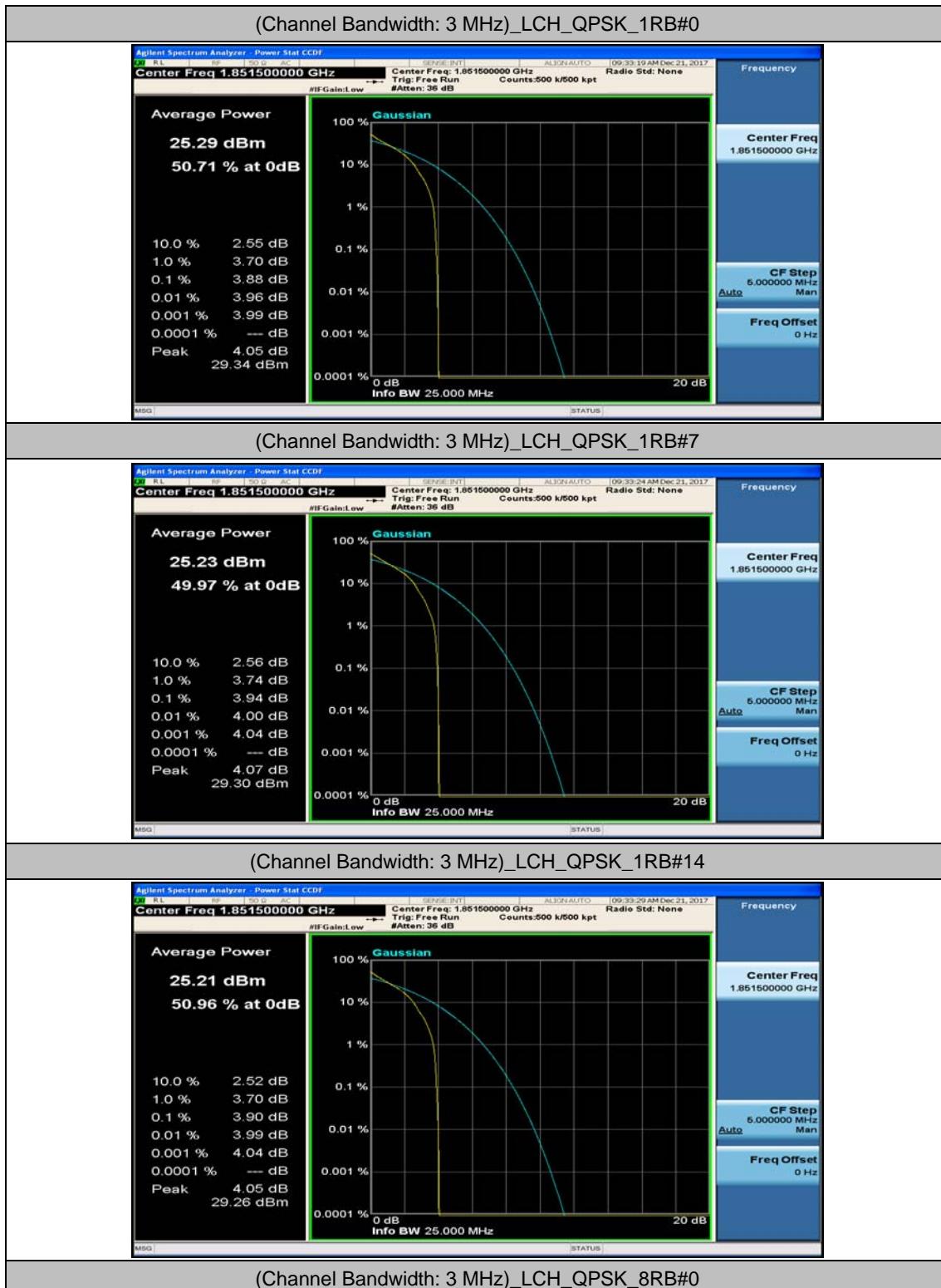


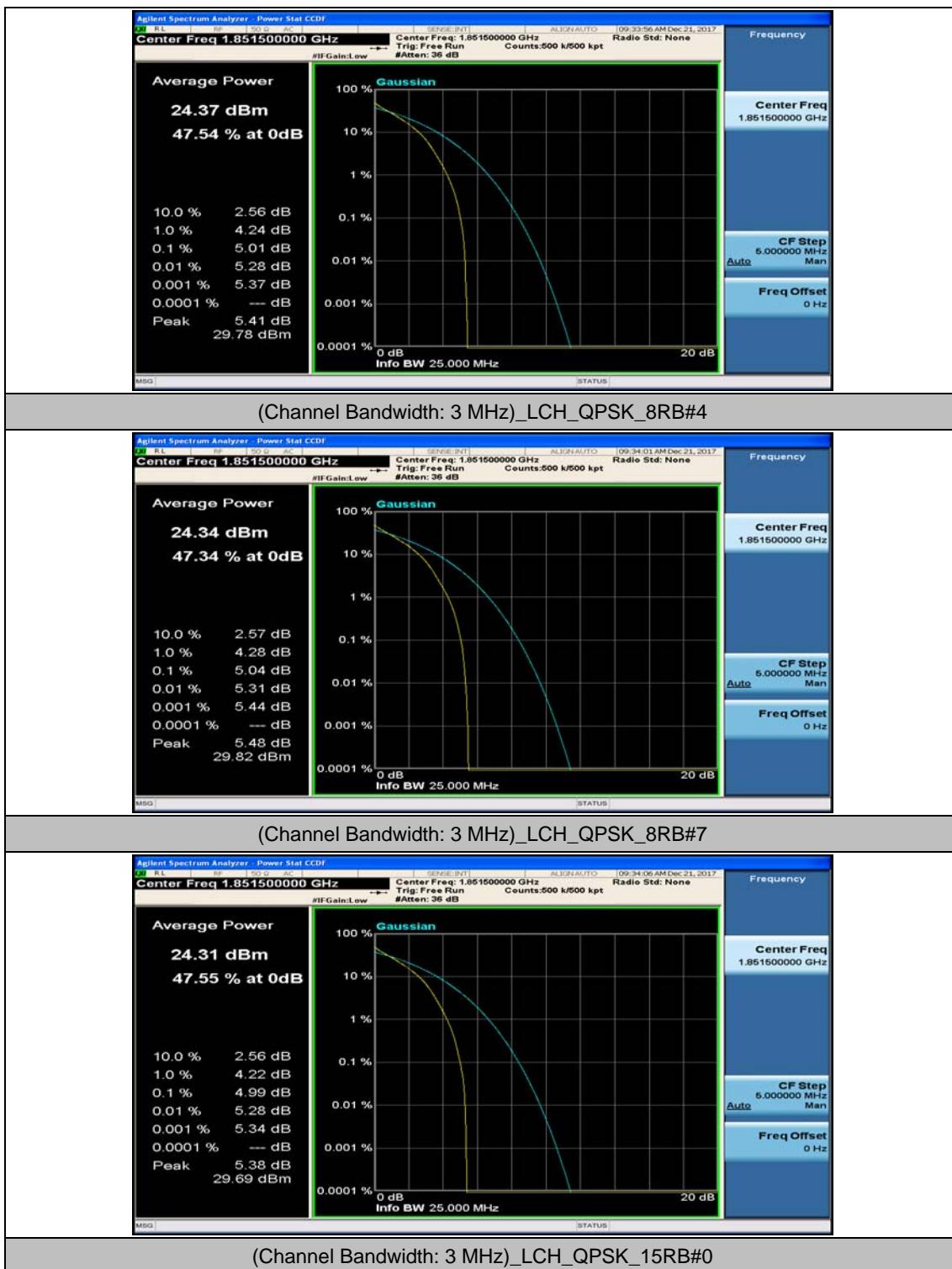


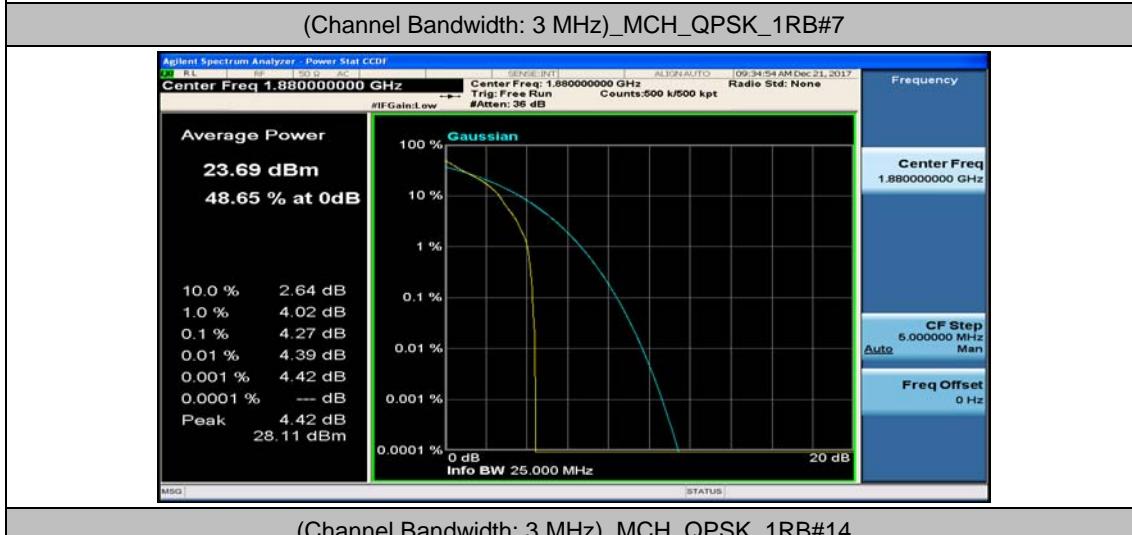
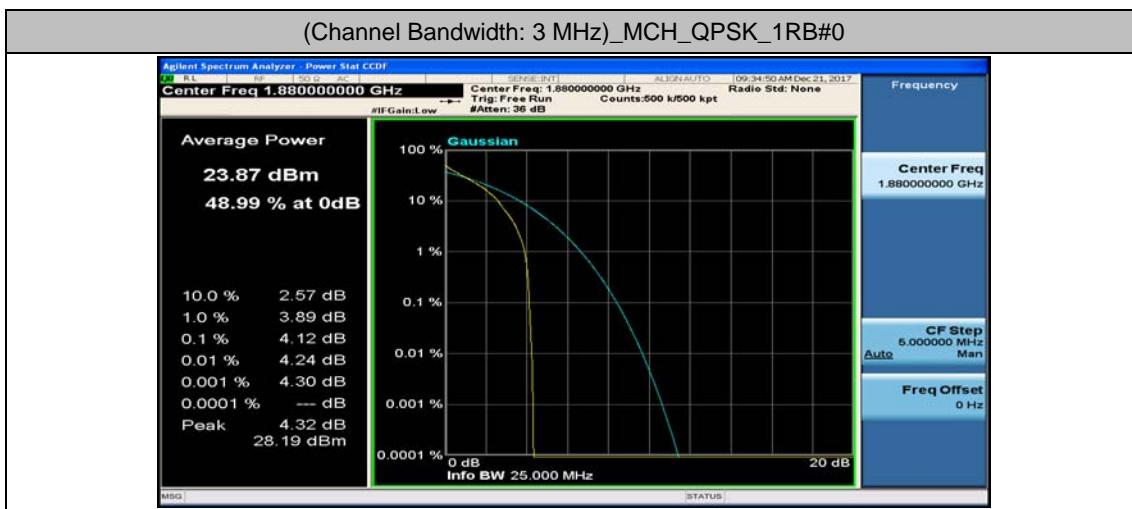
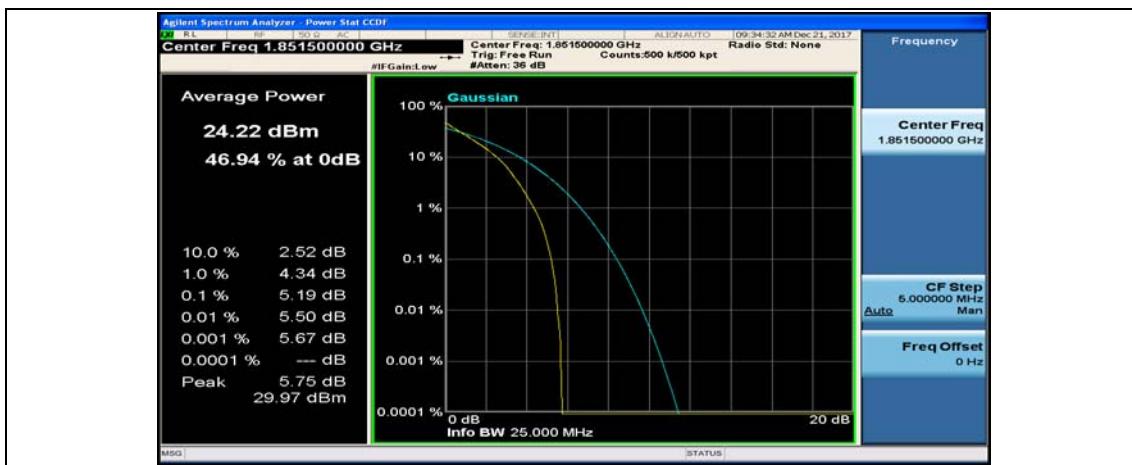




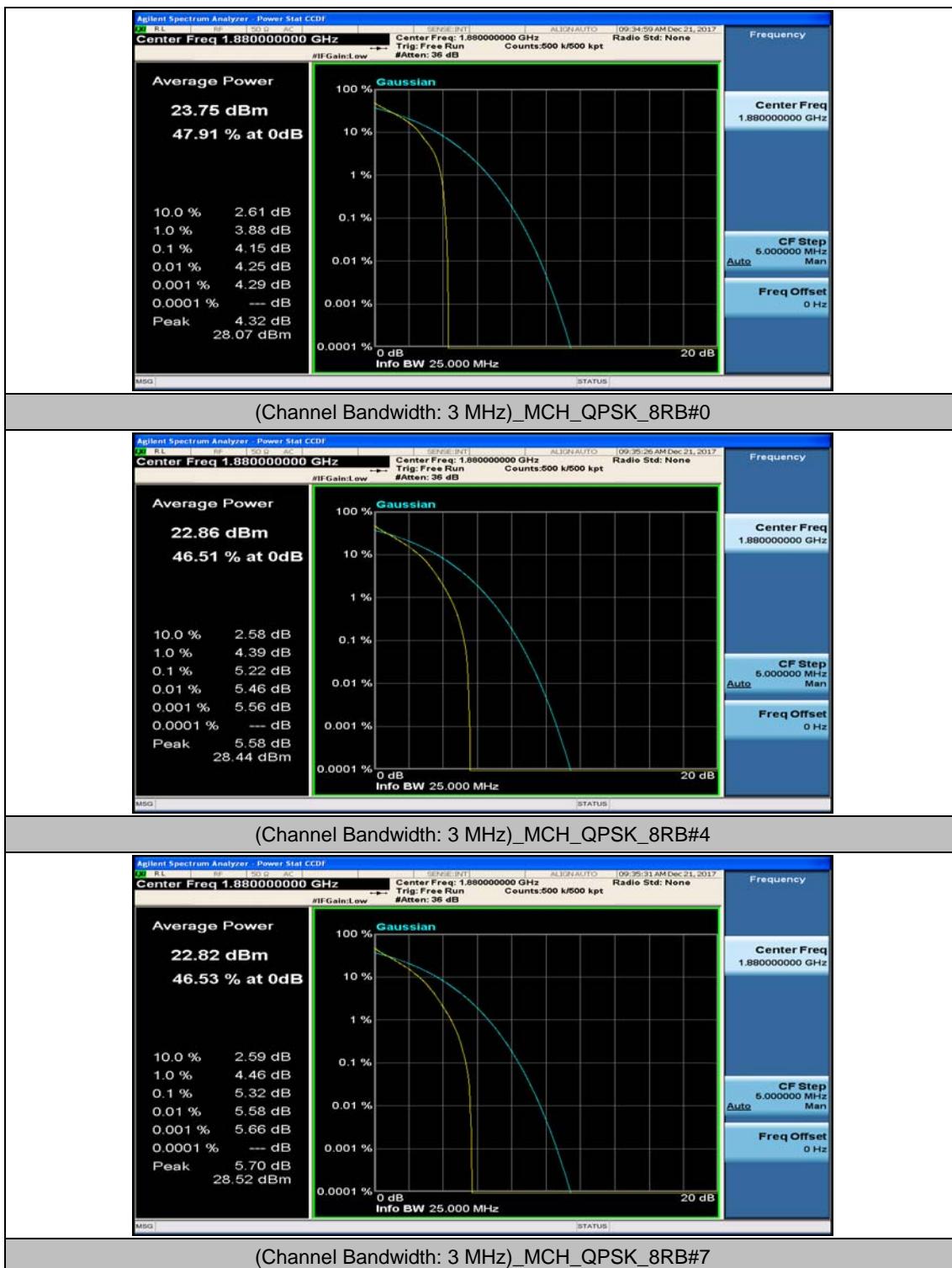
Channel Bandwidth: 3 MHz

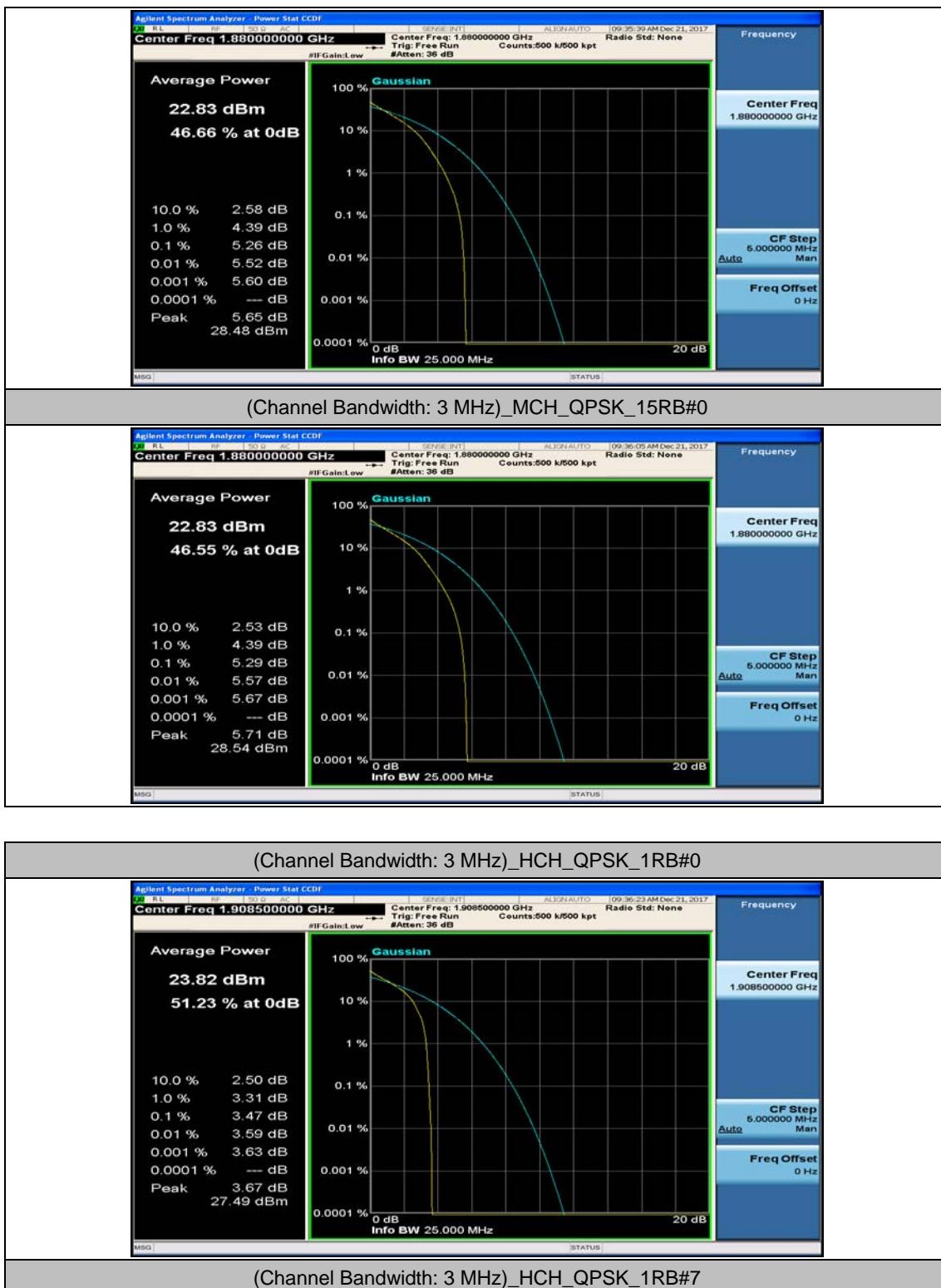


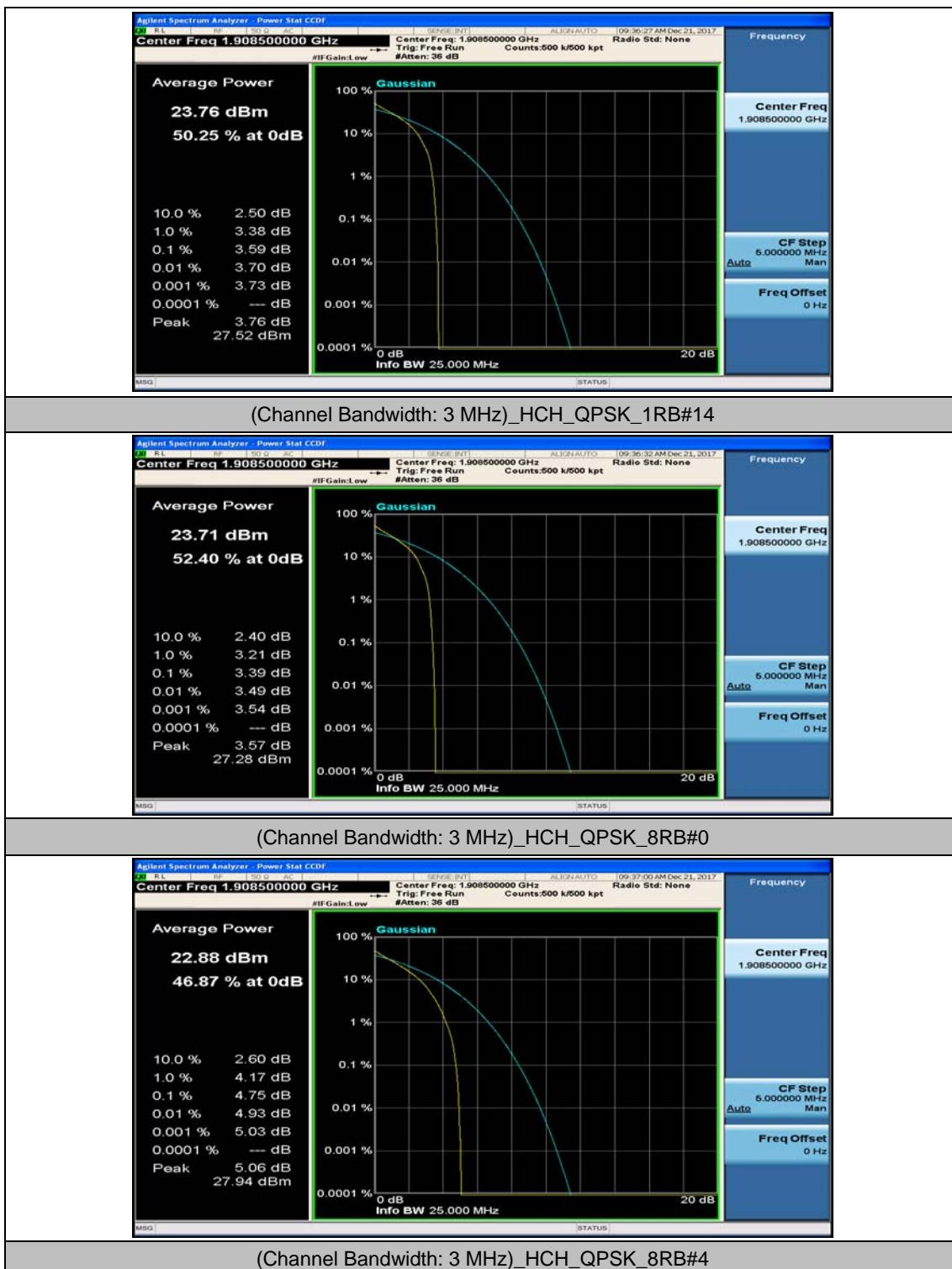


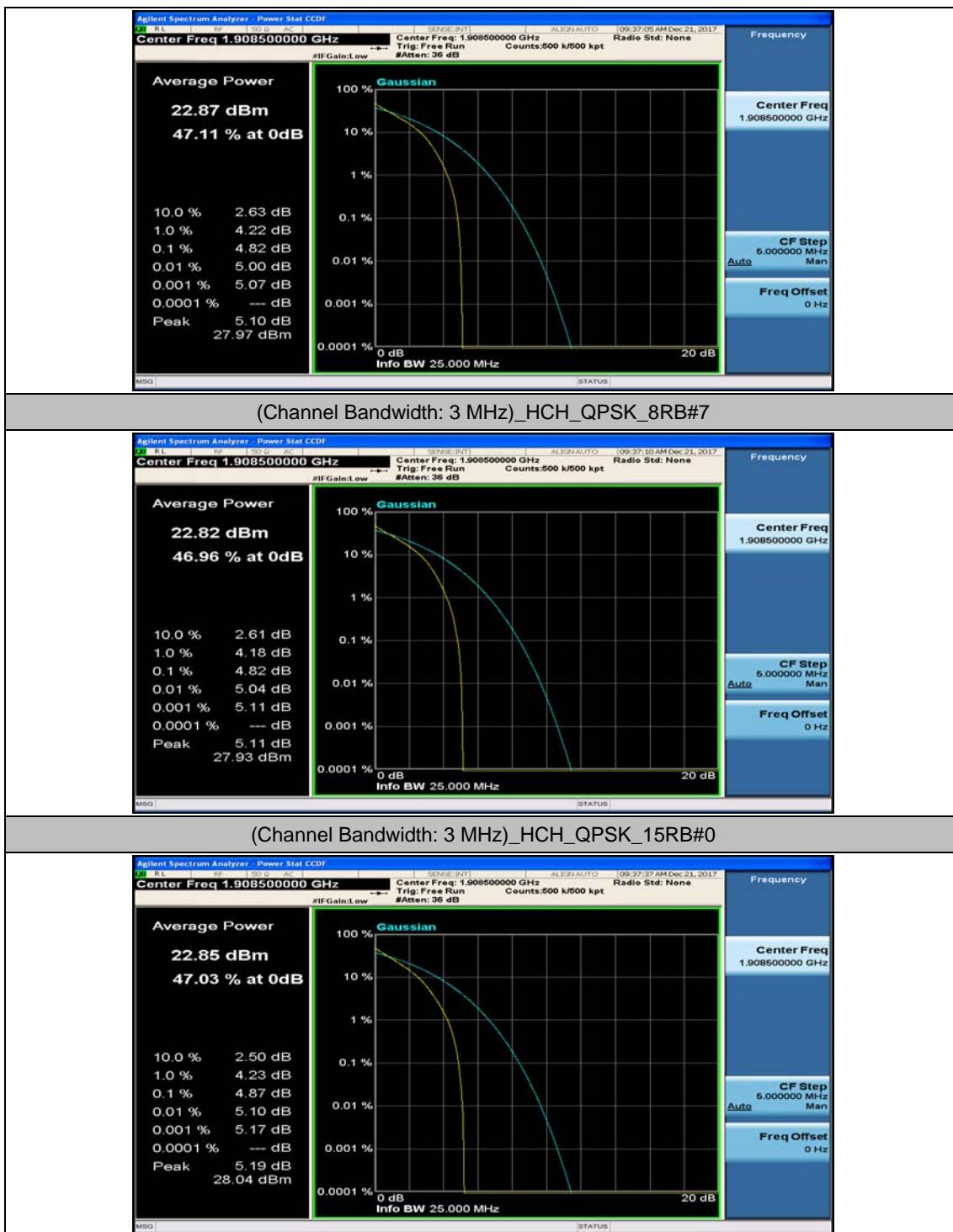


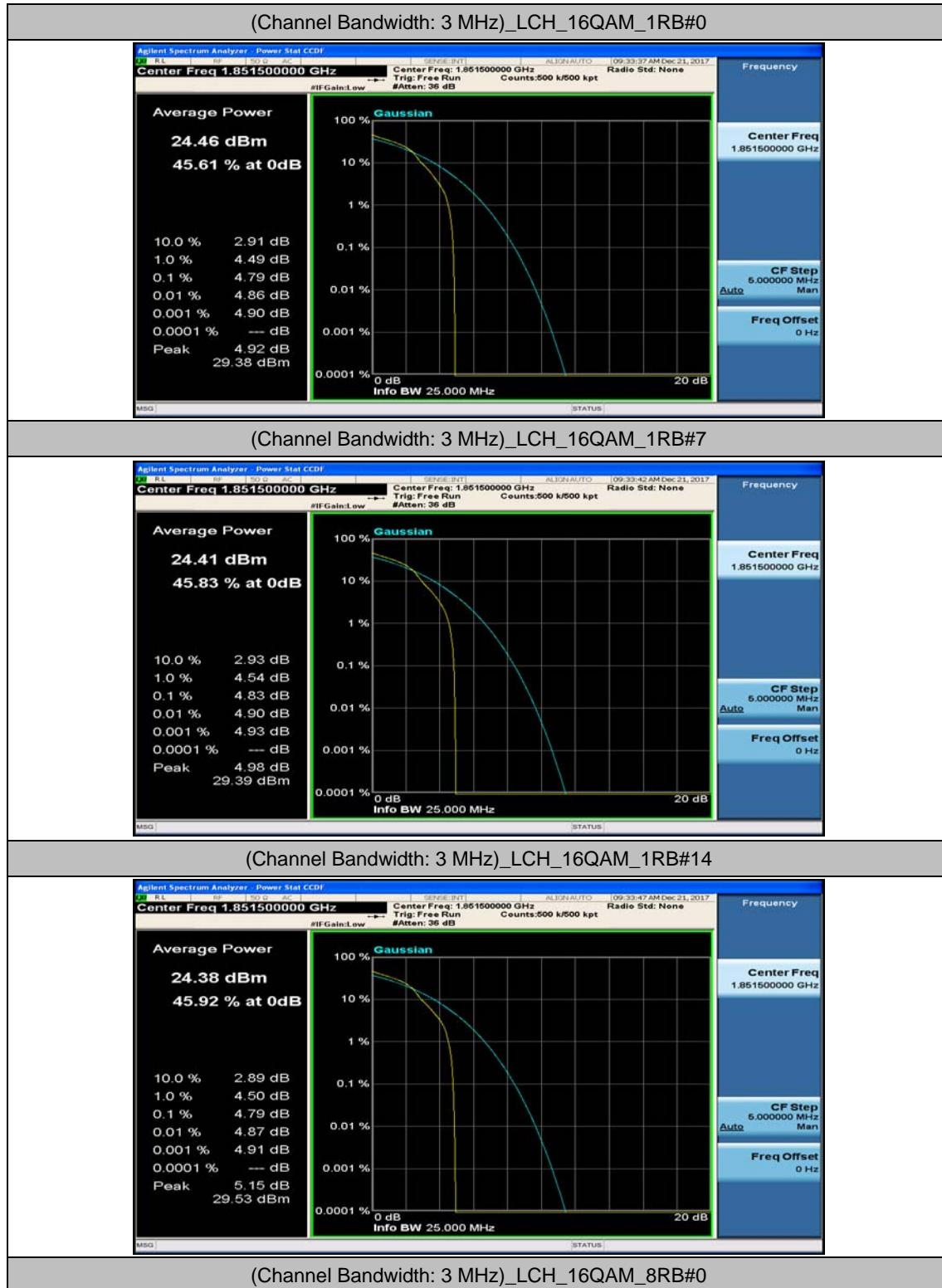
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14

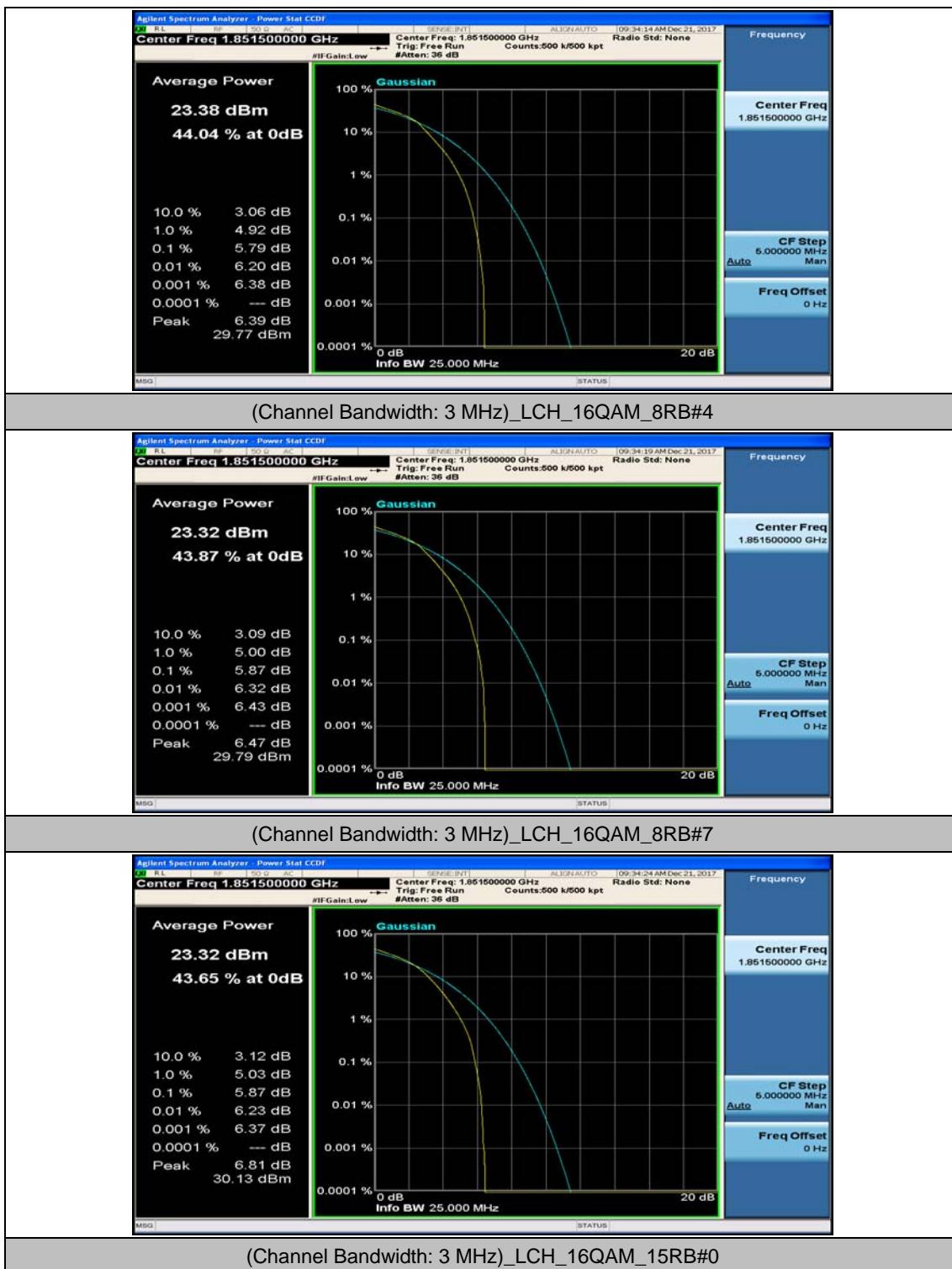


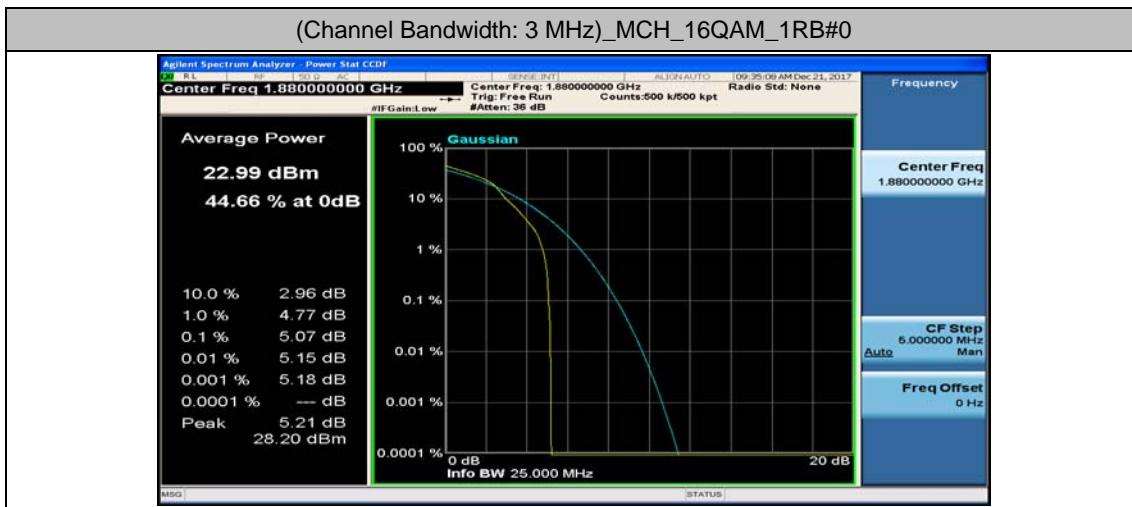
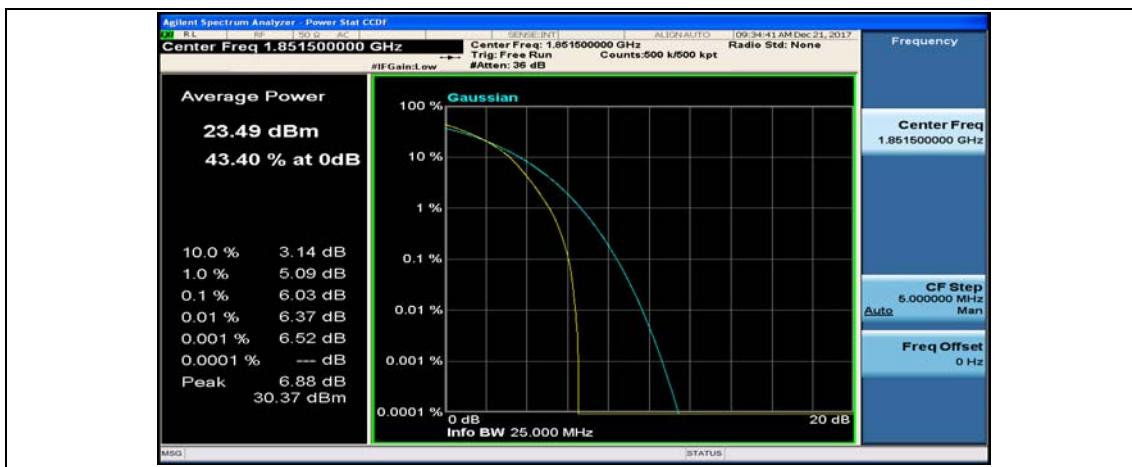




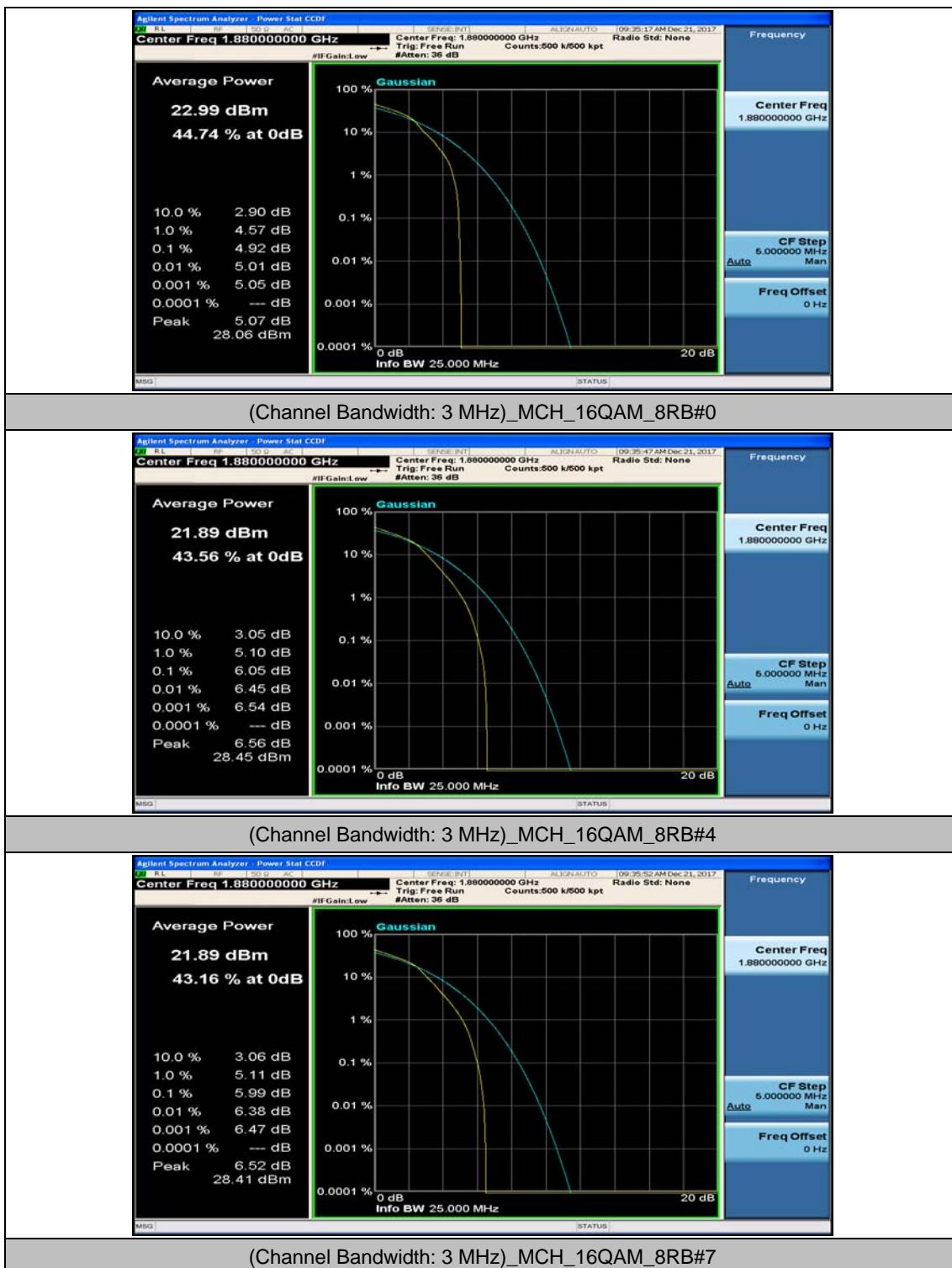


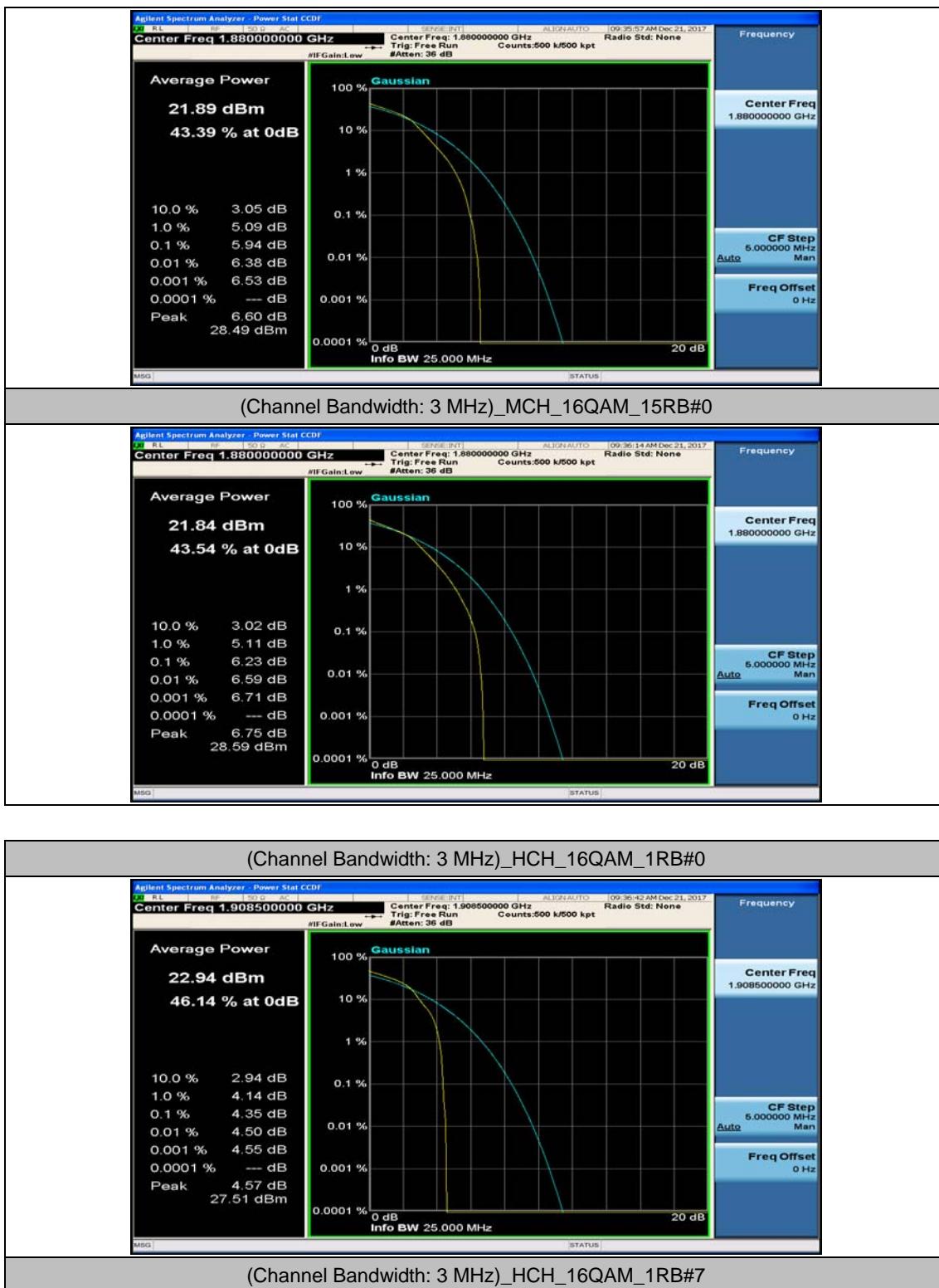


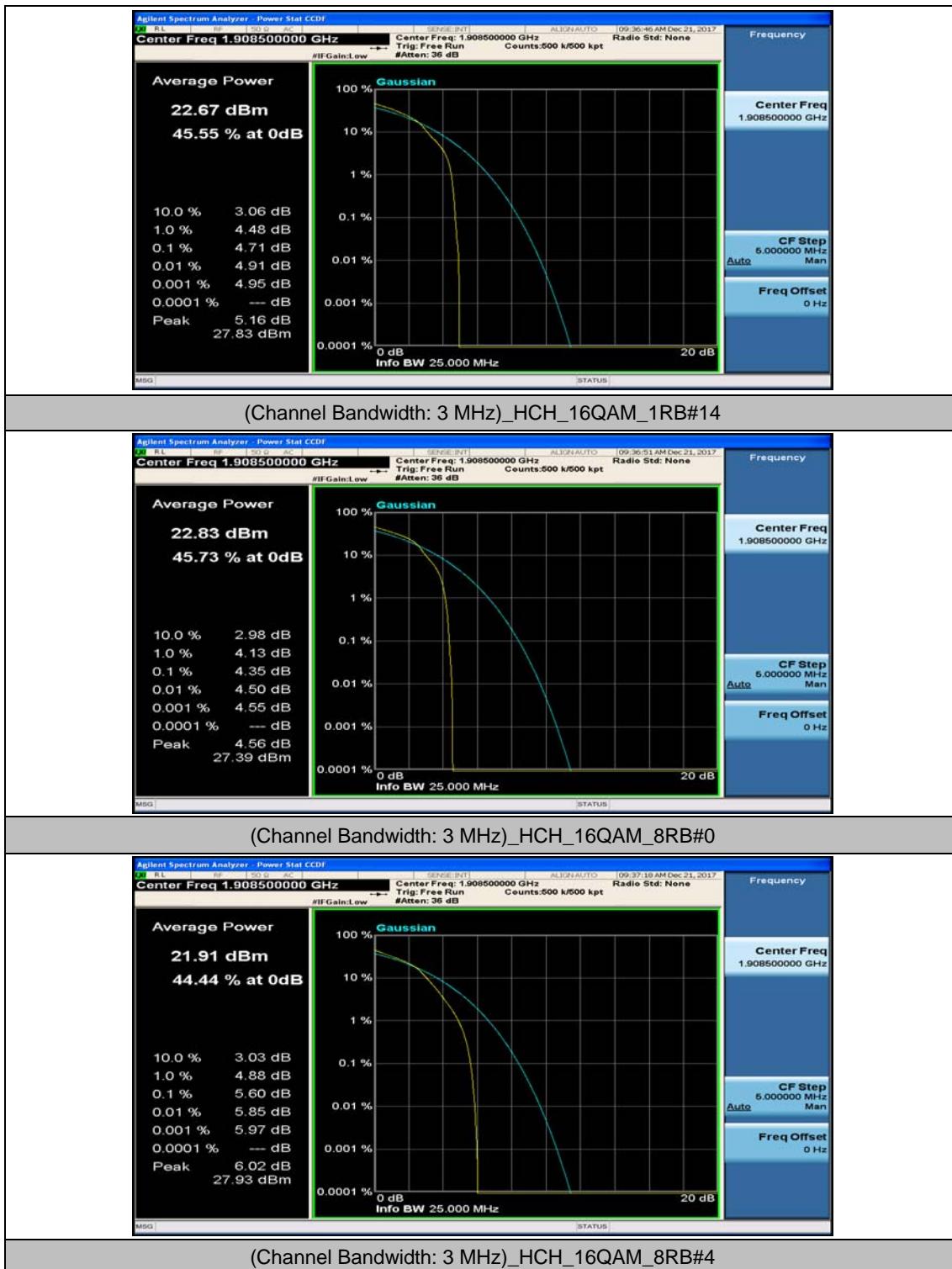


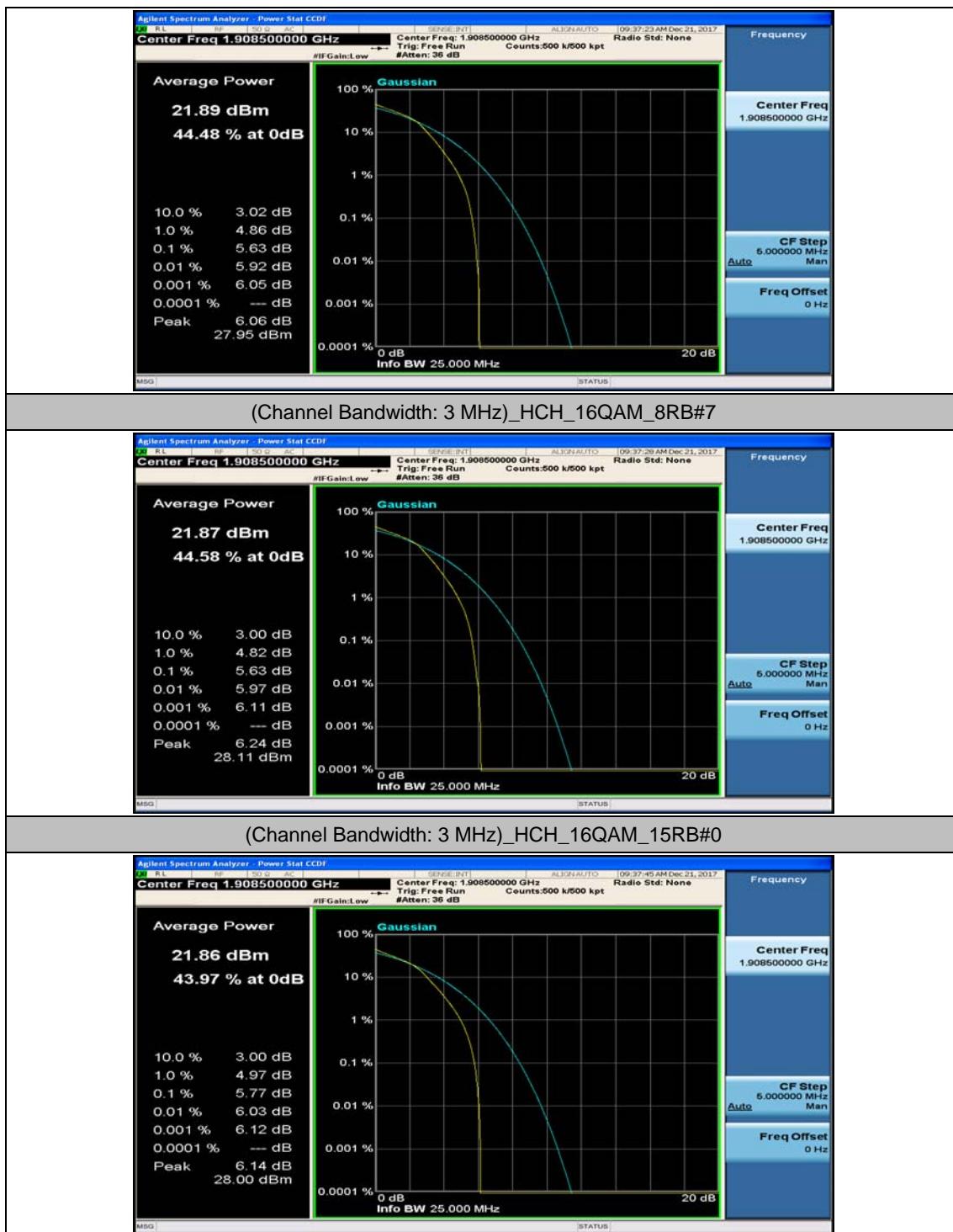


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14

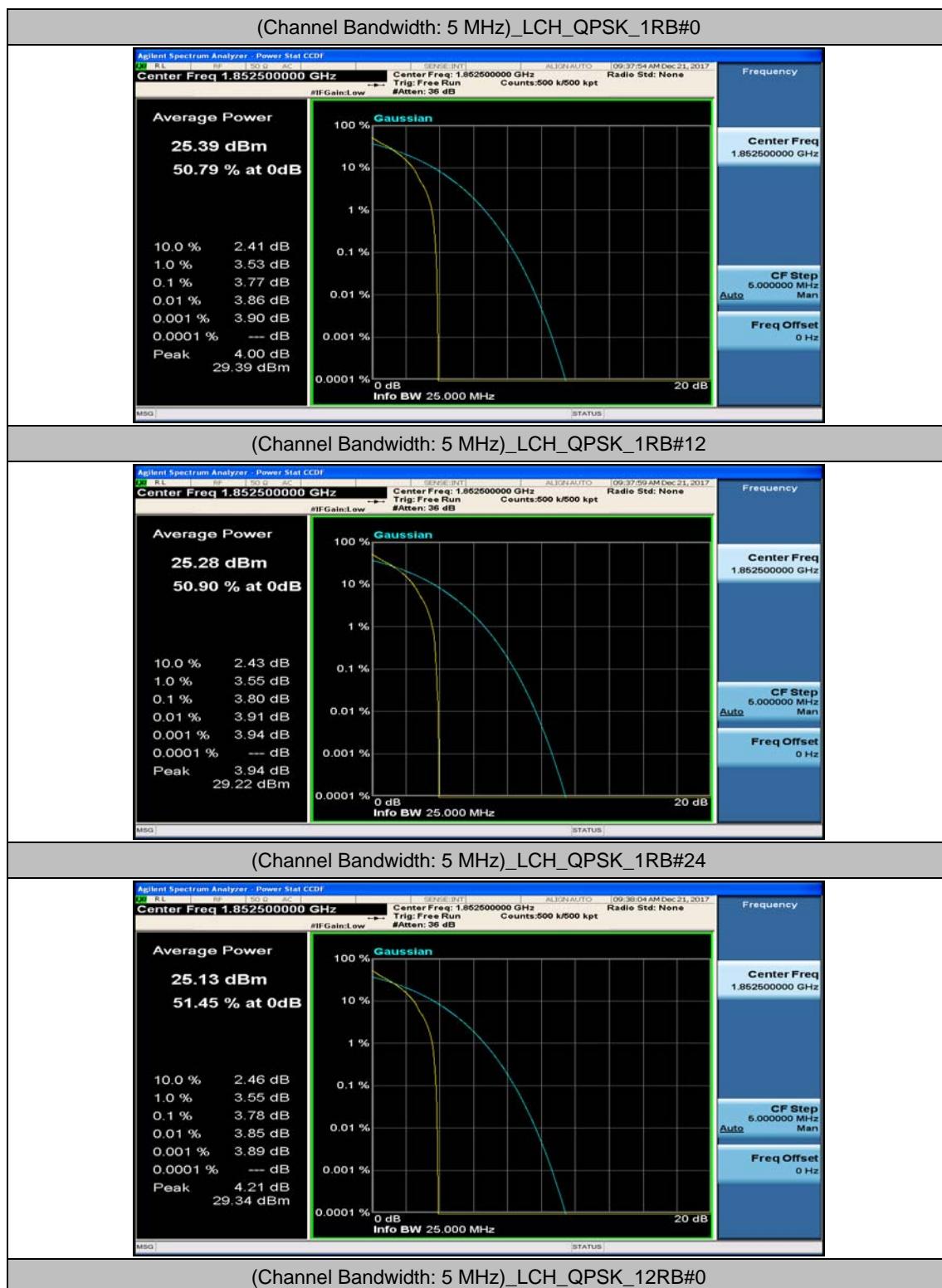


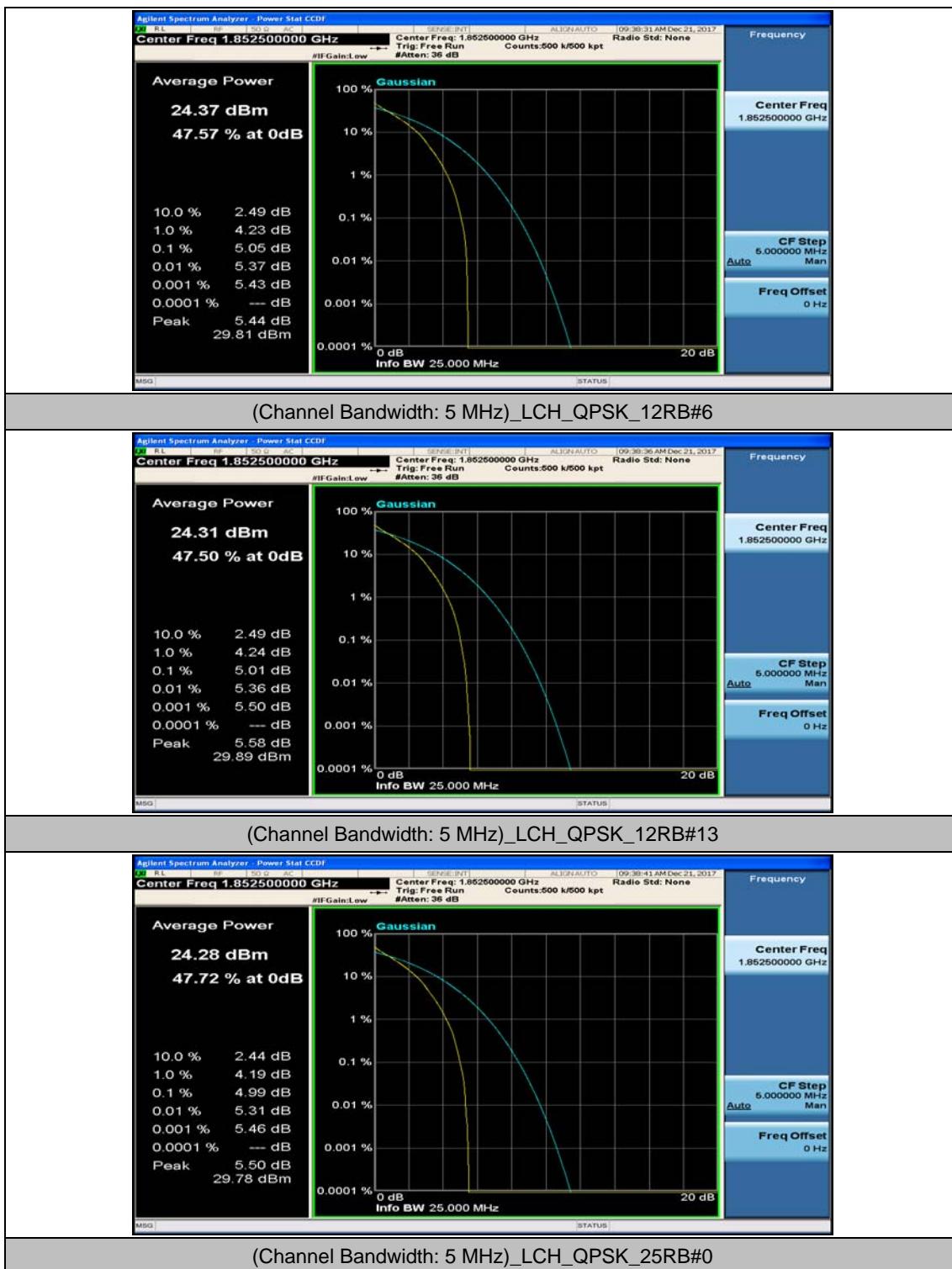


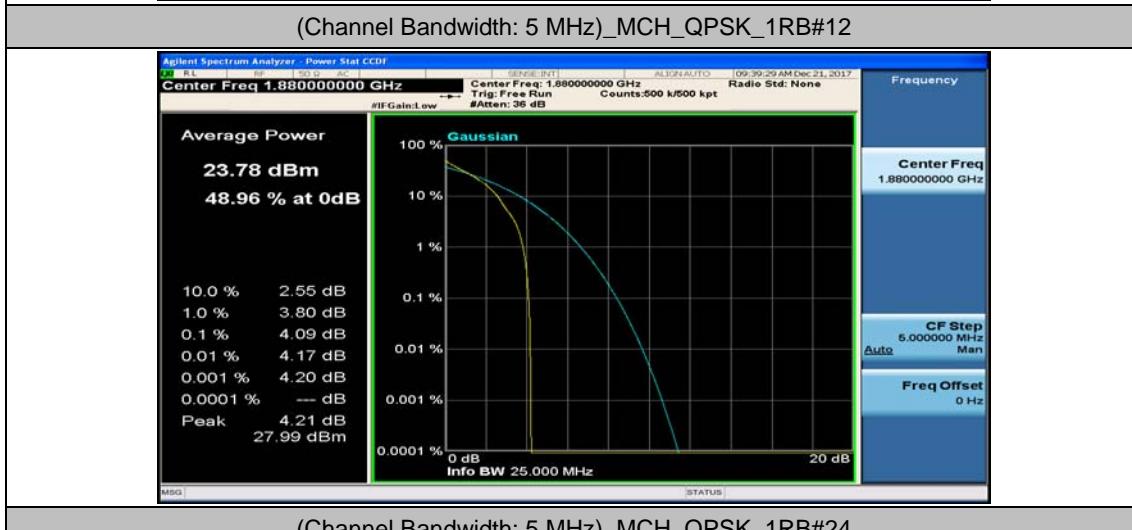
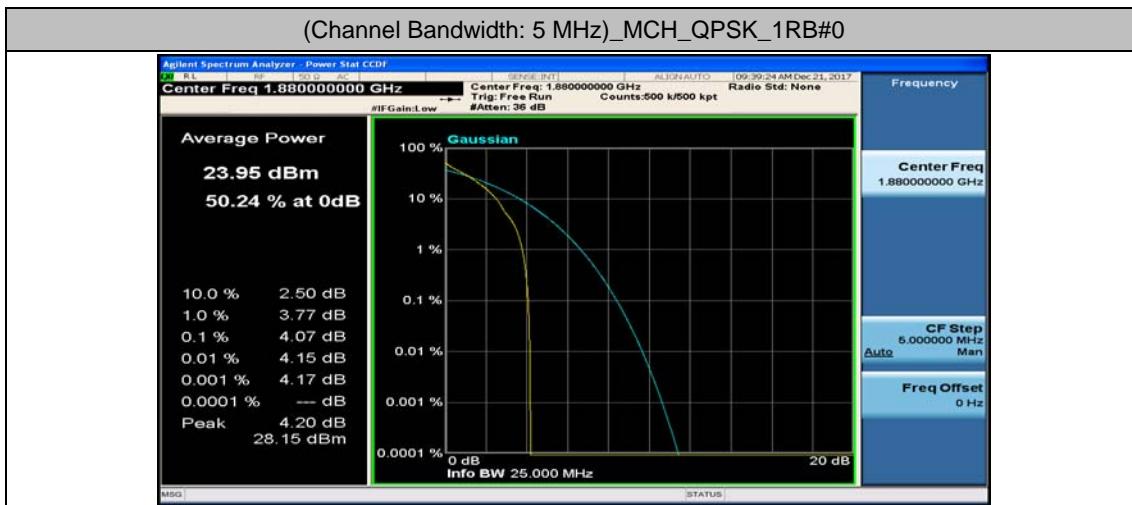
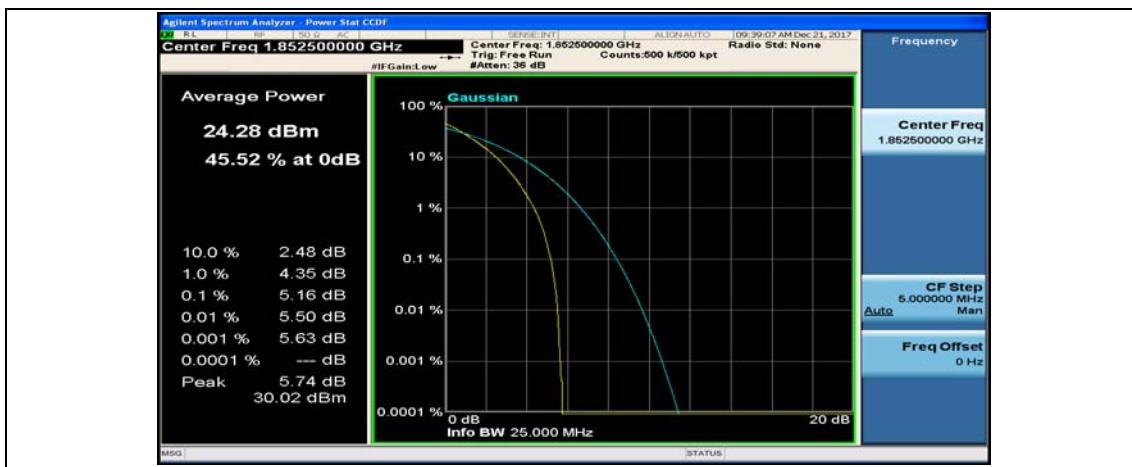




Channel Bandwidth: 5 MHz







(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24

