

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	23.25	PASS
		1	3	23.34	PASS
		1	5	23.26	PASS
		3	0	22.75	PASS
		3	2	22.68	PASS
		3	3	22.69	PASS
		6	0	21.70	PASS
	MCH	1	0	22.90	PASS
		1	3	22.97	PASS
		1	5	22.93	PASS
		3	0	22.86	PASS
		3	2	22.88	PASS
		3	3	22.94	PASS
		6	0	22.01	PASS
	HCH	1	0	23.01	PASS
		1	3	22.66	PASS
		1	5	22.66	PASS
		3	0	22.47	PASS
		3	2	22.30	PASS
		3	3	22.11	PASS
		6	0	22.08	PASS
16QAM	LCH	1	0	22.17	PASS
		1	3	21.95	PASS
		1	5	21.74	PASS
		3	0	21.78	PASS
		3	2	21.74	PASS
		3	3	21.75	PASS
		6	0	20.71	PASS
	MCH	1	0	22.05	PASS
		1	3	22.17	PASS
		1	5	22.14	PASS
		3	0	21.80	PASS

		3	2	21.78	PASS
		3	3	21.84	PASS
		6	0	20.90	PASS
HCH		1	0	21.89	PASS
		1	3	21.86	PASS
		1	5	21.84	PASS
		3	0	21.54	PASS
		3	2	21.19	PASS
		3	3	21.99	PASS
		6	0	20.97	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.93	PASS
		1	7	23.09	PASS
		1	14	23.01	PASS
		8	0	22.14	PASS
		8	4	22.13	PASS
		8	7	22.16	PASS
		15	0	22.15	PASS
	MCH	1	0	23.18	PASS
		1	7	23.28	PASS
		1	14	23.23	PASS
		8	0	22.30	PASS
		8	4	22.29	PASS
		8	7	22.32	PASS
		15	0	22.26	PASS
	HCH	1	0	23.20	PASS
		1	7	23.25	PASS
		1	14	23.19	PASS
		8	0	22.19	PASS
		8	4	22.19	PASS
		8	7	22.19	PASS
		15	0	22.11	PASS
16QAM	LCH	1	0	22.19	PASS
		1	7	22.35	PASS
		1	14	22.25	PASS
		8	0	21.20	PASS
		8	4	21.21	PASS
		8	7	21.21	PASS
		15	0	21.15	PASS

	MCH	1	0	22.34	PASS
	MCH	1	7	22.42	PASS
	MCH	1	14	22.37	PASS
	MCH	8	0	21.32	PASS
	MCH	8	4	21.32	PASS
	MCH	8	7	21.32	PASS
	MCH	15	0	21.23	PASS
	HCH	1	0	22.32	PASS
	HCH	1	7	22.36	PASS
	HCH	1	14	22.26	PASS
	HCH	8	0	21.13	PASS
	HCH	8	4	21.08	PASS
	HCH	8	7	21.08	PASS
	HCH	15	0	21.07	PASS

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.28	PASS
		1	12	23.35	PASS
		1	24	23.29	PASS
		12	0	22.25	PASS
		12	6	22.24	PASS
		12	13	22.28	PASS
		25	0	22.19	PASS
	MCH	1	0	23.41	PASS
		1	12	23.26	PASS
		1	24	23.38	PASS
		12	0	22.33	PASS
		12	6	22.33	PASS
		12	13	22.34	PASS
		25	0	22.28	PASS
	HCH	1	0	22.55	PASS
		1	12	22.56	PASS
		1	24	22.52	PASS
		12	0	21.56	PASS
		12	6	21.54	PASS
		12	13	21.54	PASS
		25	0	21.48	PASS
16QAM	LCH	1	0	22.45	PASS
		1	12	22.57	PASS
		1	24	22.50	PASS

		12	0	21.35	PASS
		12	6	21.36	PASS
		12	13	21.41	PASS
		25	0	21.22	PASS
MCH		1	0	22.51	PASS
		1	12	22.54	PASS
		1	24	22.47	PASS
		12	0	21.35	PASS
		12	6	21.34	PASS
		12	13	21.37	PASS
		25	0	20.59	PASS
HCH		1	0	21.79	PASS
		1	12	21.78	PASS
		1	24	21.72	PASS
		12	0	20.66	PASS
		12	6	20.65	PASS
		12	13	20.64	PASS
		25	0	20.50	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.50	PASS
		1	24	22.50	PASS
		1	49	22.53	PASS
		25	0	21.55	PASS
		25	12	21.56	PASS
		25	25	21.57	PASS
		50	0	21.60	PASS
	MCH	1	0	22.52	PASS
		1	24	22.53	PASS
		1	49	22.57	PASS
		25	0	21.57	PASS
		25	12	21.59	PASS
		25	25	21.61	PASS
		50	0	21.61	PASS
	HCH	1	0	22.65	PASS
		1	24	22.57	PASS
		1	49	22.36	PASS
		25	0	21.58	PASS
		25	12	21.56	PASS
		25	25	21.54	PASS

		50	0	21.57	PASS
16QAM	LCH	1	0	21.70	PASS
		1	24	21.73	PASS
		1	49	21.76	PASS
		25	0	20.58	PASS
		25	12	20.61	PASS
		25	25	20.63	PASS
		50	0	20.65	PASS
16QAM	MCH	1	0	21.74	PASS
		1	24	21.72	PASS
		1	49	21.76	PASS
		25	0	20.59	PASS
		25	12	20.59	PASS
		25	25	20.61	PASS
		50	0	20.60	PASS
16QAM	HCH	1	0	21.93	PASS
		1	24	21.81	PASS
		1	49	21.71	PASS
		25	0	20.63	PASS
		25	12	20.59	PASS
		25	25	20.55	PASS
		50	0	20.61	PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.58	PASS
		1	37	22.64	PASS
		1	74	22.56	PASS
		37	0	21.80	PASS
		37	18	21.78	PASS
		37	38	21.75	PASS
		75	0	21.91	PASS
QPSK	MCH	1	0	22.85	PASS
		1	37	22.89	PASS
		1	74	22.91	PASS
		37	0	21.89	PASS
		37	18	21.87	PASS
		37	38	21.96	PASS
		75	0	22.00	PASS
QPSK	HCH	1	0	23.03	PASS
		1	37	22.77	PASS

		1	74	22.50	PASS
		37	0	22.03	PASS
		37	18	22.00	PASS
		37	38	21.92	PASS
		75	0	22.00	PASS
16QAM	LCH	1	0	21.78	PASS
		1	37	21.87	PASS
		1	74	21.81	PASS
		37	0	20.79	PASS
		37	18	20.81	PASS
		37	38	20.77	PASS
		75	0	20.90	PASS
	MCH	1	0	22.02	PASS
		1	37	22.06	PASS
		1	74	22.06	PASS
		37	0	20.88	PASS
		37	18	20.89	PASS
		37	38	20.92	PASS
		75	0	20.96	PASS
	HCH	1	0	22.14	PASS
		1	37	22.04	PASS
		1	74	21.86	PASS
		37	0	20.93	PASS
		37	18	20.89	PASS
		37	38	20.83	PASS
		75	0	20.90	PASS

Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.75	PASS
		1	49	22.65	PASS
		1	99	22.64	PASS
		50	0	21.78	PASS
		50	25	21.32	PASS
		50	50	22.09	PASS
		100	0	22.21	PASS
	MCH	1	0	23.40	PASS
		1	49	23.27	PASS
		1	99	23.37	PASS
		50	0	22.21	PASS
		50	25	22.18	PASS

		50	50	22.24	PASS
		100	0	22.21	PASS
16QAM	HCH	1	0	23.33	PASS
		1	49	23.32	PASS
		1	99	23.31	PASS
		50	0	22.32	PASS
		50	25	22.29	PASS
		50	50	22.27	PASS
		100	0	22.29	PASS
		1	0	21.85	PASS
LCH	LCH	1	49	21.80	PASS
		1	99	21.77	PASS
		50	0	21.15	PASS
		50	25	21.15	PASS
		50	50	21.12	PASS
		100	0	21.19	PASS
	MCH	1	0	22.33	PASS
		1	49	22.20	PASS
		1	99	22.28	PASS
		50	0	21.19	PASS
		50	25	21.19	PASS
		50	50	21.21	PASS
		100	0	21.21	PASS
HCH	HCH	1	0	22.49	PASS
		1	49	22.48	PASS
		1	99	22.38	PASS
		50	0	21.34	PASS
		50	25	21.29	PASS
		50	50	21.25	PASS
		100	0	21.29	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	1.42	<13	PASS
		1	3	2.57	<13	PASS
		1	5	1.42	<13	PASS
		3	0	2.66	<13	PASS
		3	2	2.64	<13	PASS
		3	3	2.64	<13	PASS
		6	0	3.63	<13	PASS
	MCH	1	0	1.41	<13	PASS
		1	3	2.59	<13	PASS
		1	5	1.41	<13	PASS
		3	0	2.64	<13	PASS
		3	2	2.67	<13	PASS
		3	3	2.63	<13	PASS
		6	0	3.66	<13	PASS
16QAM	LCH	1	0	1.13	<13	PASS
		1	3	2.19	<13	PASS
		1	5	1.11	<13	PASS
		3	0	2.37	<13	PASS
		3	2	2.37	<13	PASS
		3	3	2.38	<13	PASS
		6	0	3.21	<13	PASS
	MCH	1	0	2.14	<13	PASS
		1	3	3.32	<13	PASS
		1	5	2.11	<13	PASS
		3	0	3.39	<13	PASS
		3	2	3.36	<13	PASS
		3	3	3.38	<13	PASS
		6	0	4.34	<13	PASS

		3	2	3.44	<13	PASS
		3	3	3.37	<13	PASS
		6	0	4.38	<13	PASS
HCH		1	0	1.69	<13	PASS
		1	3	2.84	<13	PASS
		1	5	1.67	<13	PASS
		3	0	2.98	<13	PASS
		3	2	2.91	<13	PASS
		3	3	2.96	<13	PASS
		6	0	3.93	<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	1.38	<13	PASS
		1	7	2.45	<13	PASS
		1	14	1.36	<13	PASS
		8	0	2.96	<13	PASS
		8	4	3.17	<13	PASS
		8	7	3	<13	PASS
		15	0	3.94	<13	PASS
	MCH	1	0	1.38	<13	PASS
		1	7	2.52	<13	PASS
		1	14	1.35	<13	PASS
		8	0	2.92	<13	PASS
		8	4	3.22	<13	PASS
		8	7	2.96	<13	PASS
		15	0	3.98	<13	PASS
	HCH	1	0	1	<13	PASS
		1	7	2.03	<13	PASS
		1	14	0.96	<13	PASS
		8	0	2.61	<13	PASS
		8	4	2.79	<13	PASS
		8	7	2.65	<13	PASS
		15	0	3.66	<13	PASS
16QAM	LCH	1	0	2.02	<13	PASS
		1	7	3.13	<13	PASS
		1	14	2.01	<13	PASS
		8	0	3.71	<13	PASS
		8	4	3.94	<13	PASS

		8	7	3.69	<13	PASS
		15	0	4.61	<13	PASS
MCH		1	0	2.07	<13	PASS
		1	7	3.21	<13	PASS
		1	14	2.04	<13	PASS
		8	0	3.68	<13	PASS
		8	4	3.99	<13	PASS
		8	7	3.68	<13	PASS
		15	0	4.64	<13	PASS
HCH		1	0	1.69	<13	PASS
		1	7	2.72	<13	PASS
		1	14	1.63	<13	PASS
		8	0	3.26	<13	PASS
		8	4	3.47	<13	PASS
		8	7	3.35	<13	PASS
		15	0	4.22	<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	1.37	<13	PASS
		1	12	2.39	<13	PASS
		1	24	1.31	<13	PASS
		12	0	2.78	<13	PASS
		12	6	3.06	<13	PASS
		12	13	2.87	<13	PASS
		25	0	3.88	<13	PASS
	MCH	1	0	1.38	<13	PASS
		1	12	2.44	<13	PASS
		1	24	1.29	<13	PASS
		12	0	2.73	<13	PASS
		12	6	3.12	<13	PASS
		12	13	2.81	<13	PASS
		25	0	3.92	<13	PASS
	HCH	1	0	1.04	<13	PASS
		1	12	1.99	<13	PASS
		1	24	0.92	<13	PASS
		12	0	2.43	<13	PASS
		12	6	2.66	<13	PASS
		12	13	2.57	<13	PASS

		25	0	3.5	<13	PASS
16QAM	LCH	1	0	2.13	<13	PASS
		1	12	3.13	<13	PASS
		1	24	2.03	<13	PASS
		12	0	3.53	<13	PASS
		12	6	3.83	<13	PASS
		12	13	3.6	<13	PASS
		25	0	4.48	<13	PASS
	MCH	1	0	2.17	<13	PASS
		1	12	3.23	<13	PASS
		1	24	2.01	<13	PASS
		12	0	3.47	<13	PASS
		12	6	3.9	<13	PASS
		12	13	3.56	<13	PASS
		25	0	4.54	<13	PASS
	HCH	1	0	1.63	<13	PASS
		1	12	2.6	<13	PASS
		1	24	1.47	<13	PASS
		12	0	3.12	<13	PASS
		12	6	3.36	<13	PASS
		12	13	3.28	<13	PASS
		25	0	4.13	<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	1.82	<13	PASS
		1	24	2.41	<13	PASS
		1	49	1.52	<13	PASS
		25	0	2.97	<13	PASS
		25	12	3.24	<13	PASS
		25	25	3.09	<13	PASS
		50	0	4.28	<13	PASS
	MCH	1	0	1.86	<13	PASS
		1	24	2.47	<13	PASS
		1	49	1.49	<13	PASS
		25	0	2.96	<13	PASS
		25	12	3.26	<13	PASS
		25	25	3.02	<13	PASS
		50	0	4.26	<13	PASS

		1	0	1.38	<13	PASS
	HCH	1	24	2	<13	PASS
		1	49	1.15	<13	PASS
		25	0	2.61	<13	PASS
		25	12	2.91	<13	PASS
		25	25	2.8	<13	PASS
		50	0	4.01	<13	PASS
		1	0	2.64	<13	PASS
	LCH	1	24	3.08	<13	PASS
		1	49	2.17	<13	PASS
		25	0	3.7	<13	PASS
		25	12	3.99	<13	PASS
		25	25	3.78	<13	PASS
		50	0	4.83	<13	PASS
		1	0	2.71	<13	PASS
	MCH	1	24	3.2	<13	PASS
		1	49	2.26	<13	PASS
		25	0	3.71	<13	PASS
		25	12	4.05	<13	PASS
		25	25	3.74	<13	PASS
		50	0	4.86	<13	PASS
		1	0	2.24	<13	PASS
	HCH	1	24	2.67	<13	PASS
		1	49	1.75	<13	PASS
		25	0	3.27	<13	PASS
		25	12	3.59	<13	PASS
		25	25	3.38	<13	PASS
		50	0	4.5	<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	9.73	<13	PASS
		1	37	2.33	<13	PASS
		1	74	9	<13	PASS
		37	0	3.88	<13	PASS
		37	18	3.65	<13	PASS
		37	38	3.8	<13	PASS
		75	0	4.79	<13	PASS
	MCH	1	0	9.84	<13	PASS

	16QAM	HCH	1	37	2.41	<13	PASS
			1	74	9.34	<13	PASS
			37	0	3.91	<13	PASS
			37	18	3.62	<13	PASS
			37	38	3.76	<13	PASS
			75	0	4.75	<13	PASS
		LCH	1	0	9.75	<13	PASS
			1	37	2.02	<13	PASS
			1	74	9.86	<13	PASS
			37	0	3.75	<13	PASS
			37	18	3.19	<13	PASS
			37	38	3.69	<13	PASS
			75	0	4.72	<13	PASS
		MCH	1	0	9.38	<13	PASS
			1	37	3.04	<13	PASS
			1	74	9.26	<13	PASS
			37	0	4.61	<13	PASS
			37	18	4.41	<13	PASS
			37	38	4.52	<13	PASS
			75	0	5.41	<13	PASS
		HCH	1	0	9.97	<13	PASS
			1	37	3.1	<13	PASS
			1	74	9.48	<13	PASS
			37	0	4.65	<13	PASS
			37	18	4.36	<13	PASS
			37	38	4.46	<13	PASS
			75	0	5.39	<13	PASS
		LCH	1	0	10.07	<13	PASS
			1	37	2.59	<13	PASS
			1	74	9.98	<13	PASS
			37	0	4.38	<13	PASS
			37	18	4.06	<13	PASS
			37	38	4.25	<13	PASS
			75	0	5.27	<13	PASS

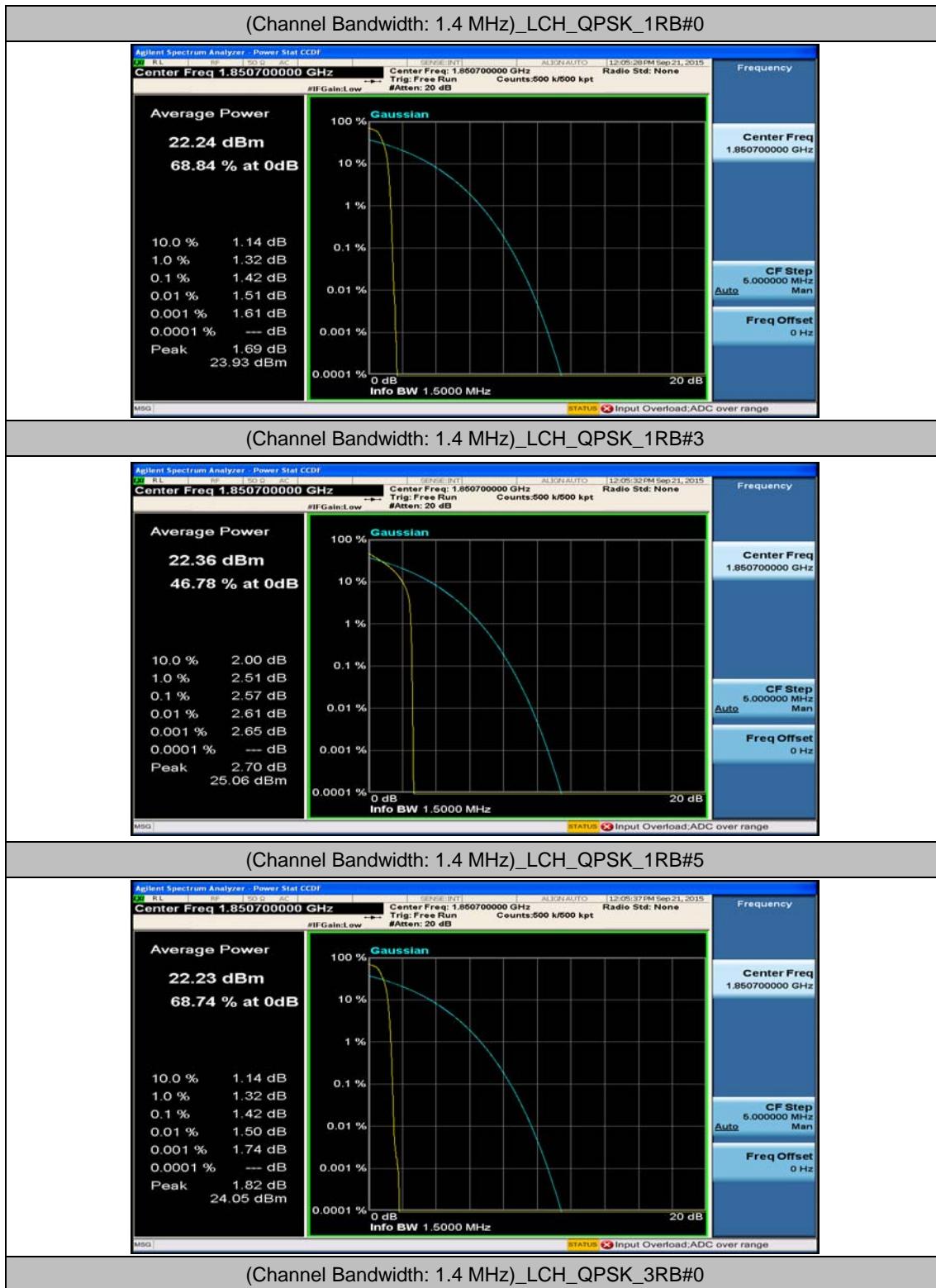
Channel Bandwidth: 20 MHz

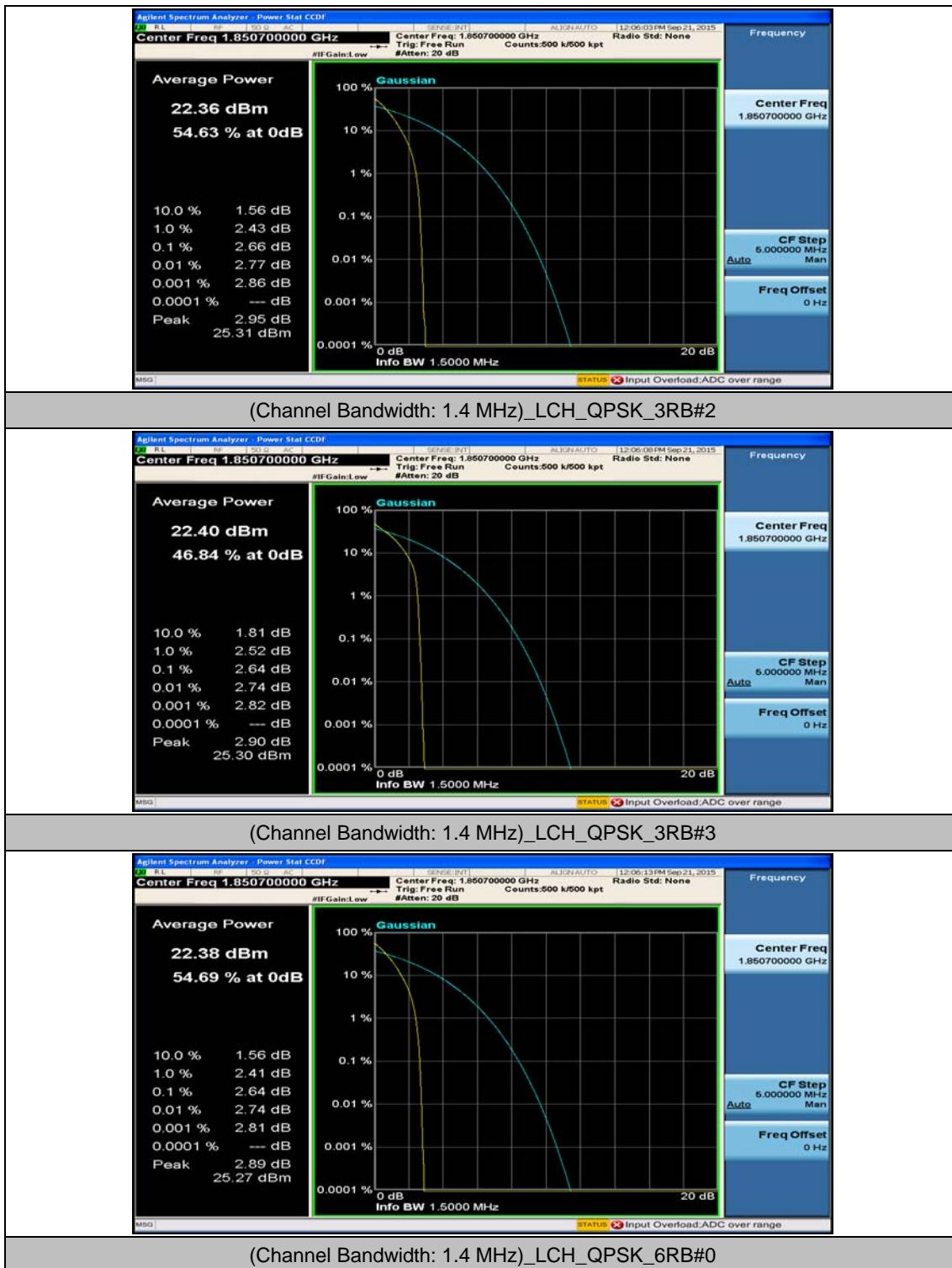
Channel Bandwidth: 20 MHz							
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict	
		Size	Offset				
QPSK	LCH	1	0	6.65	<13	PASS	
		1	49	2.45	<13	PASS	

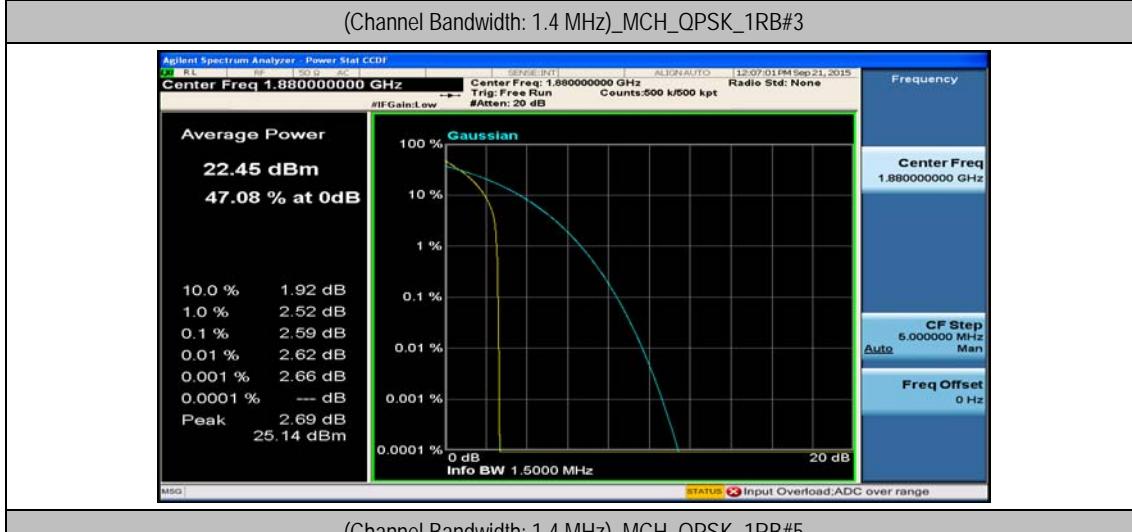
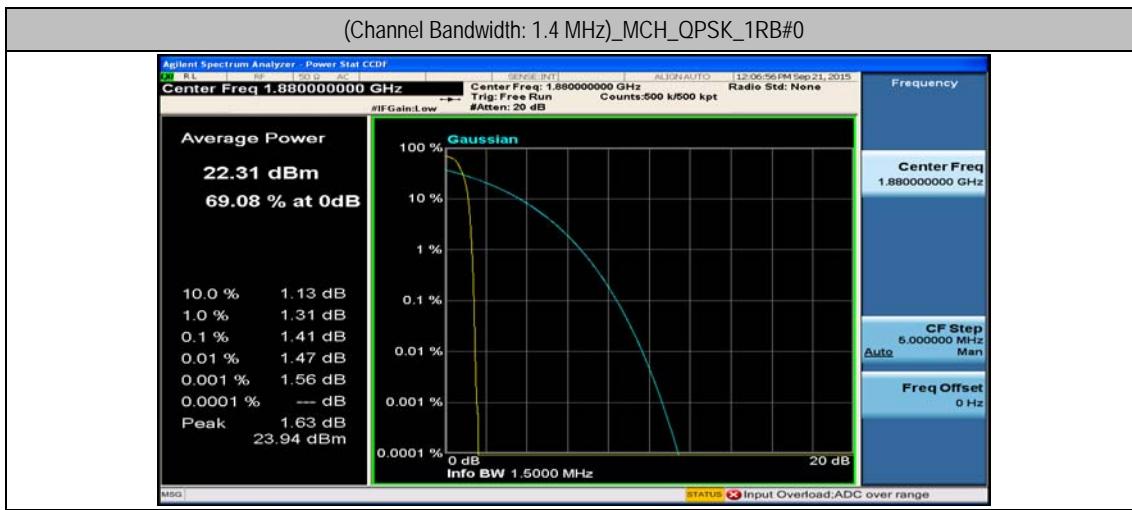
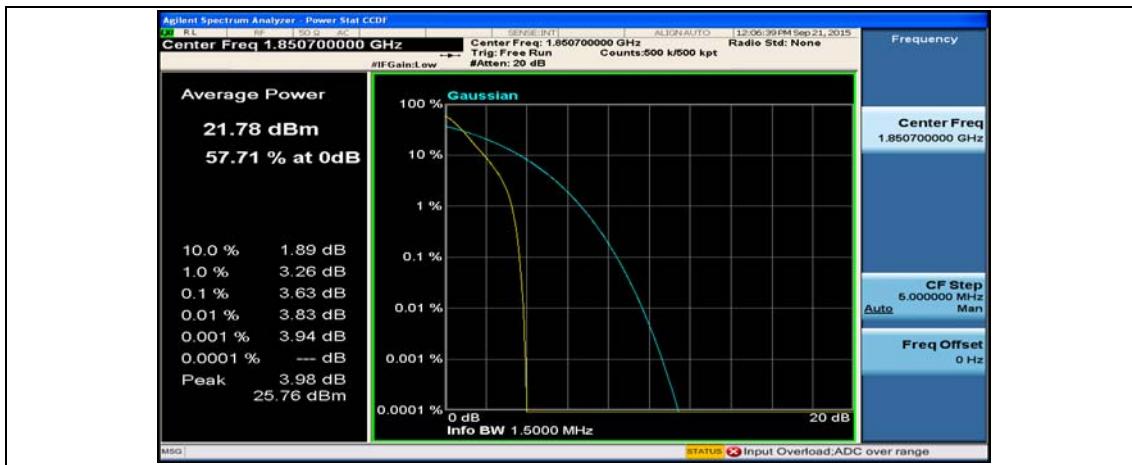
		1	99	6.61	<13	PASS
		50	0	4.6	<13	PASS
		50	25	4.33	<13	PASS
		50	50	4.65	<13	PASS
		100	0	5.53	<13	PASS
	MCH	1	0	6.94	<13	PASS
		1	49	2.52	<13	PASS
		1	99	6.6	<13	PASS
		50	0	4.68	<13	PASS
		50	25	4.3	<13	PASS
		50	50	4.62	<13	PASS
		100	0	5.59	<13	PASS
	HCH	1	0	7.08	<13	PASS
		1	49	2.06	<13	PASS
		1	99	7.17	<13	PASS
		50	0	4.37	<13	PASS
		50	25	4.06	<13	PASS
		50	50	4.41	<13	PASS
		100	0	5.52	<13	PASS
16QAM	LCH	1	0	6.96	<13	PASS
		1	49	2.97	<13	PASS
		1	99	6.72	<13	PASS
		50	0	5.31	<13	PASS
		50	25	4.89	<13	PASS
		50	50	5.19	<13	PASS
		100	0	5.97	<13	PASS
	MCH	1	0	6.82	<13	PASS
		1	49	3.09	<13	PASS
		1	99	6.58	<13	PASS
		50	0	5.44	<13	PASS
		50	25	4.88	<13	PASS
		50	50	5.2	<13	PASS
		100	0	5.96	<13	PASS
	HCH	1	0	7.36	<13	PASS
		1	49	2.64	<13	PASS
		1	99	7.01	<13	PASS
		50	0	5.02	<13	PASS
		50	25	4.56	<13	PASS
		50	50	4.83	<13	PASS
		100	0	5.83	<13	PASS

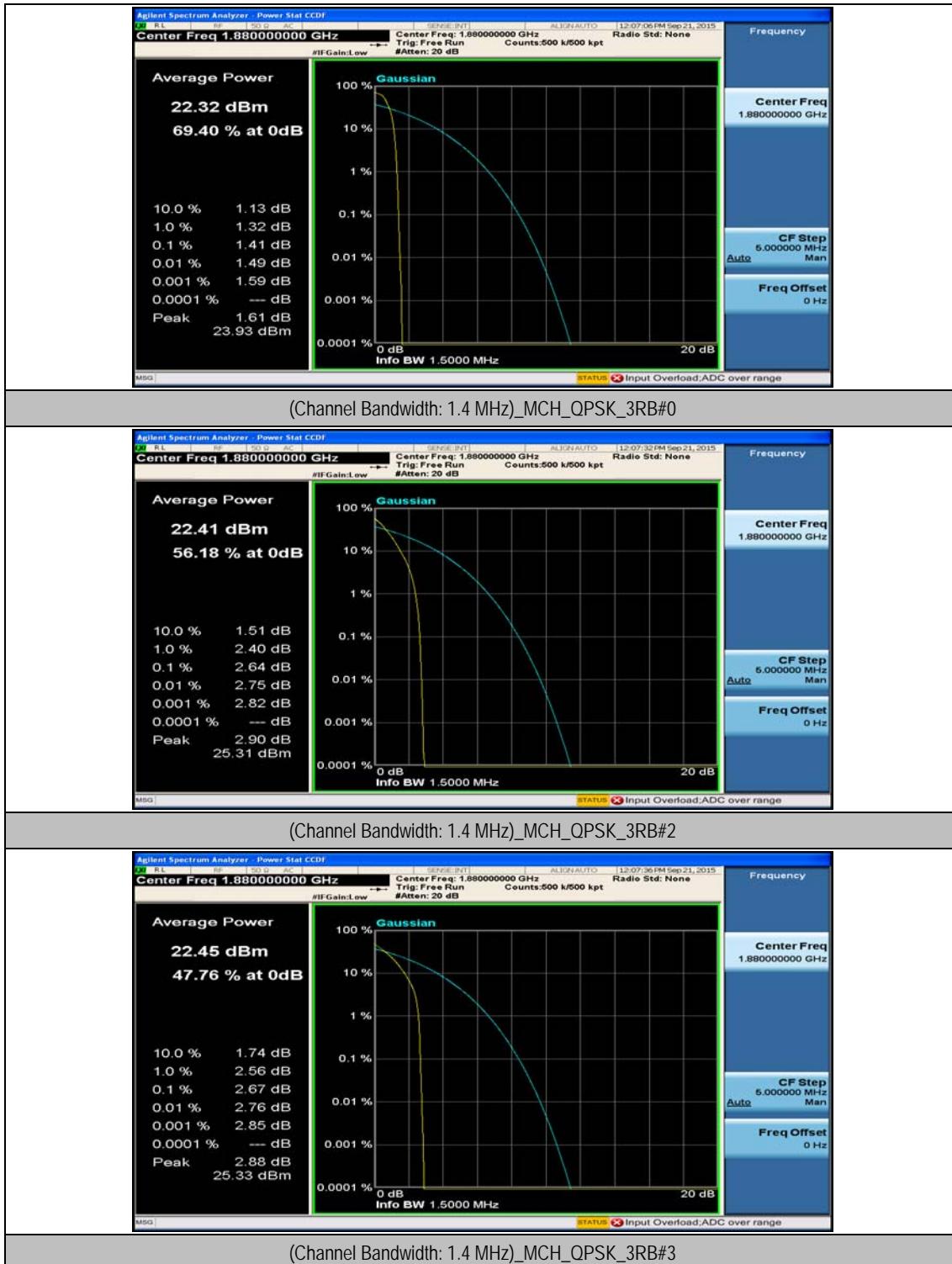
Test Graphs

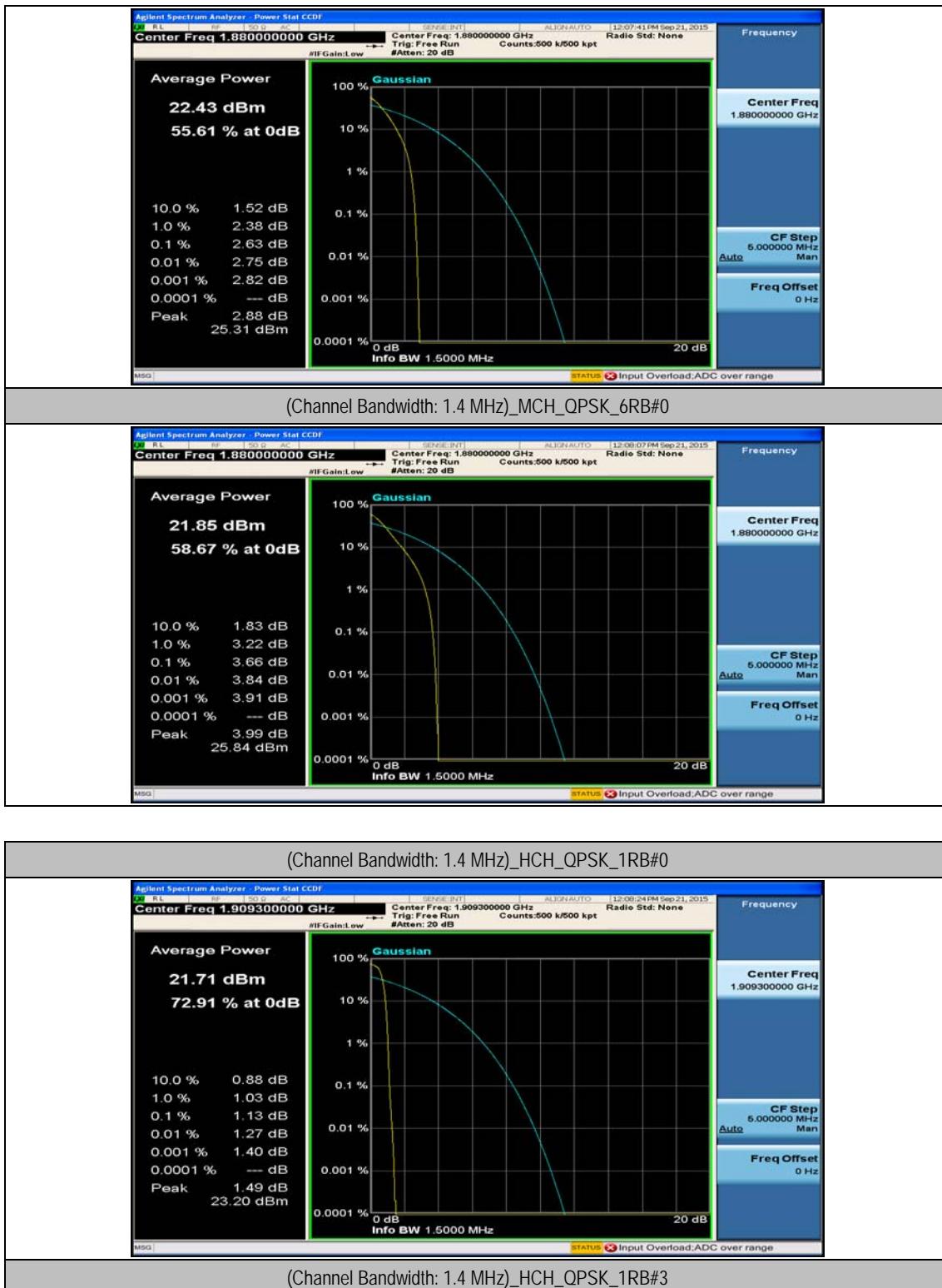
Channel Bandwidth: 1.4 MHz

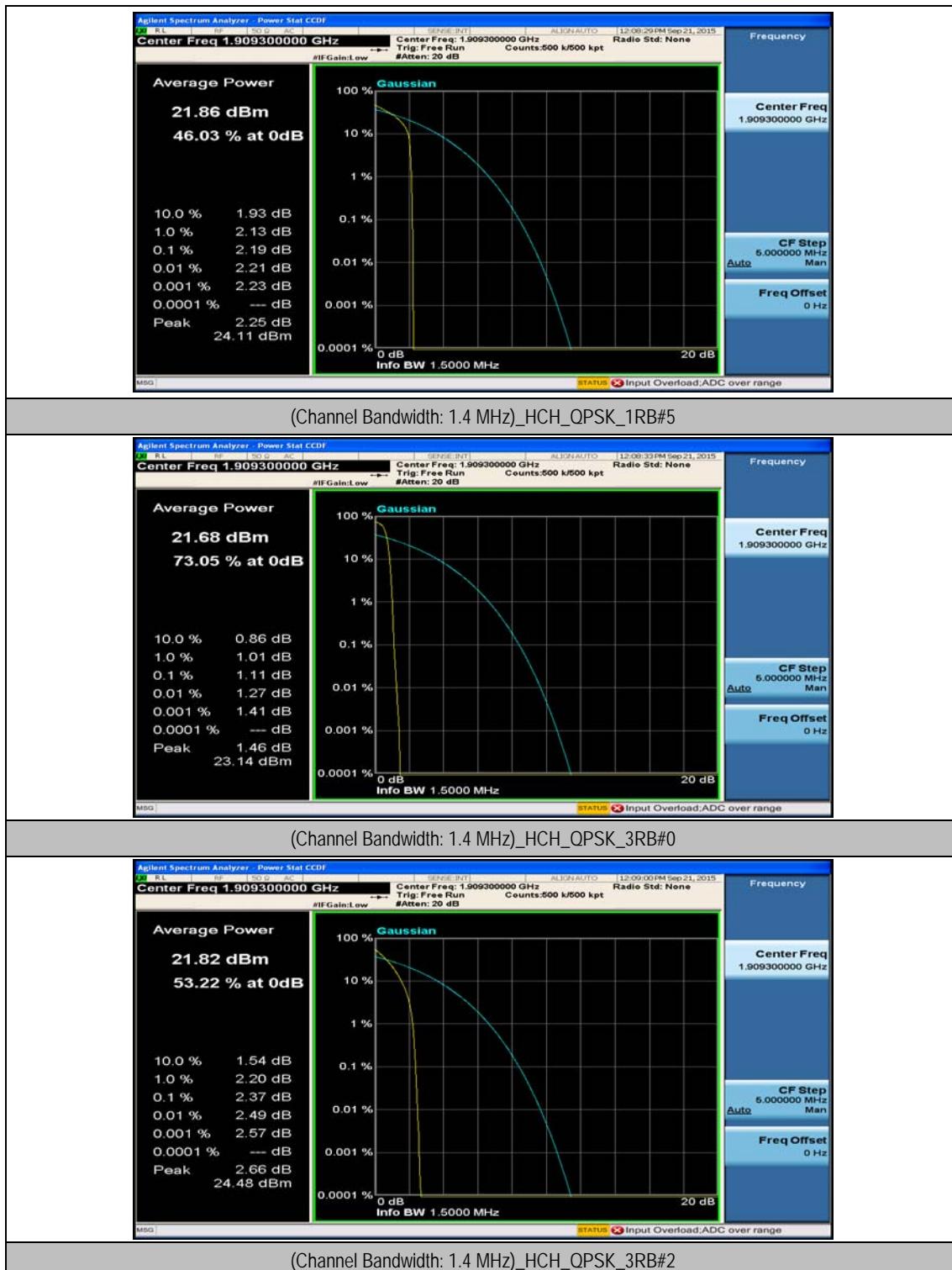


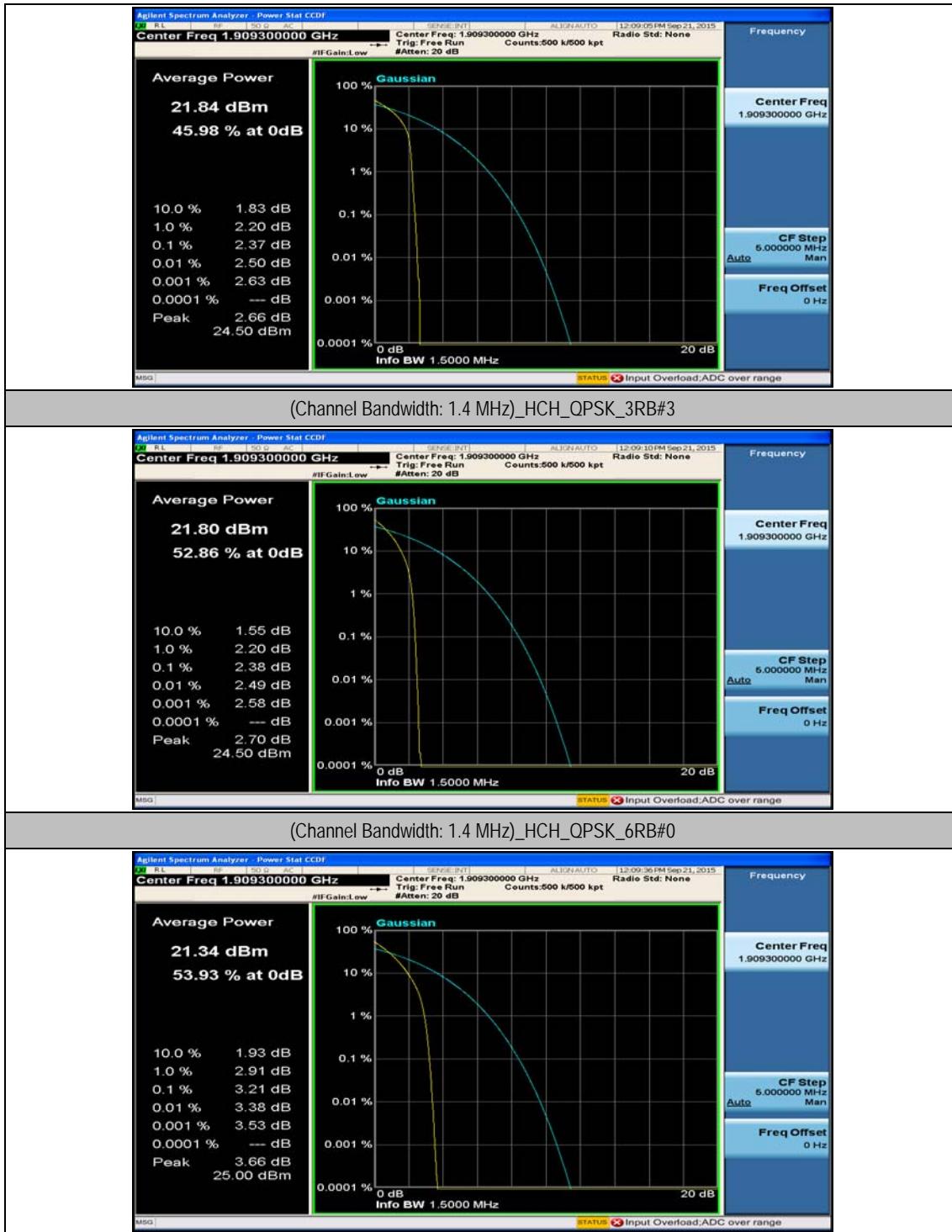


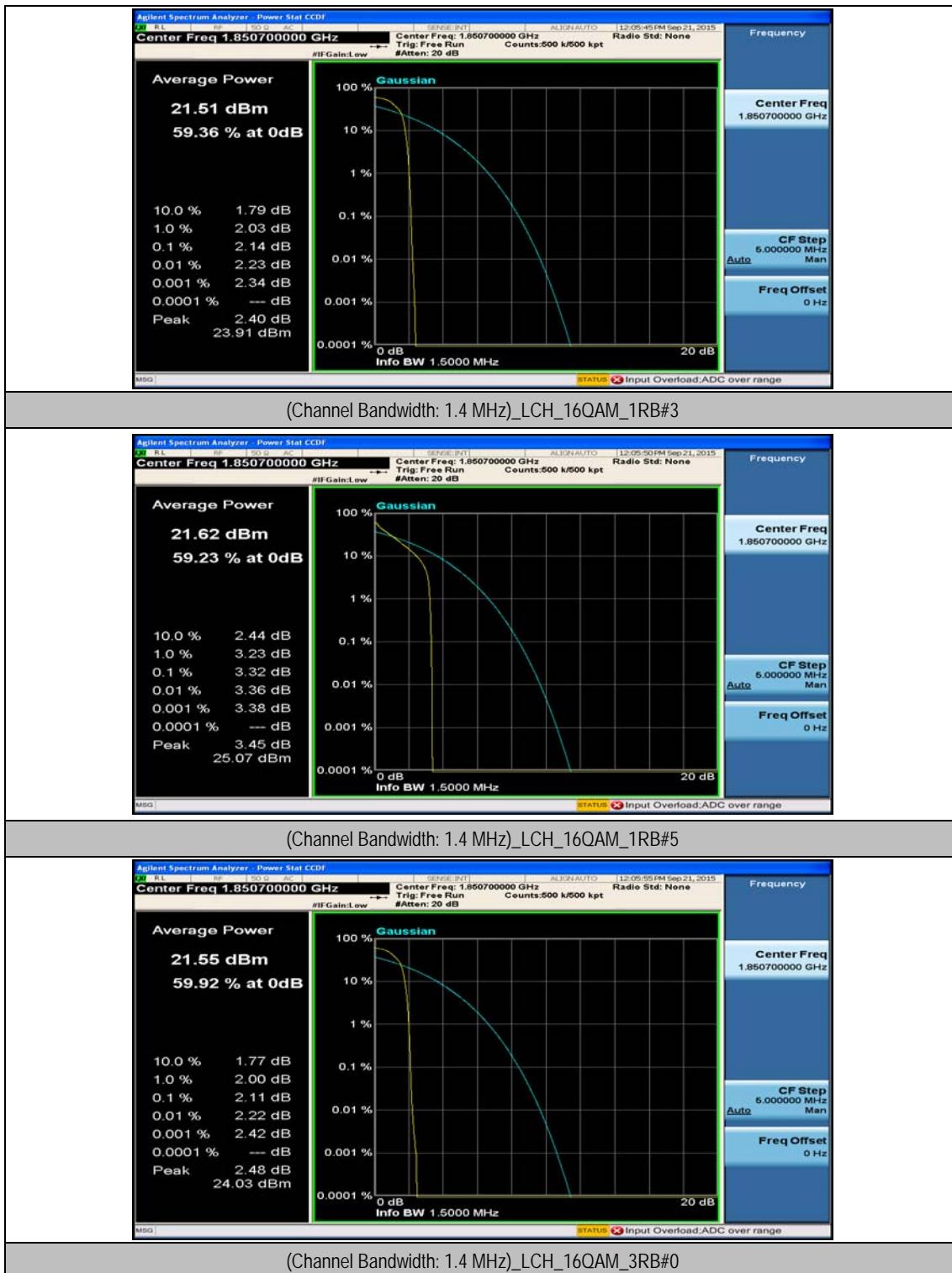


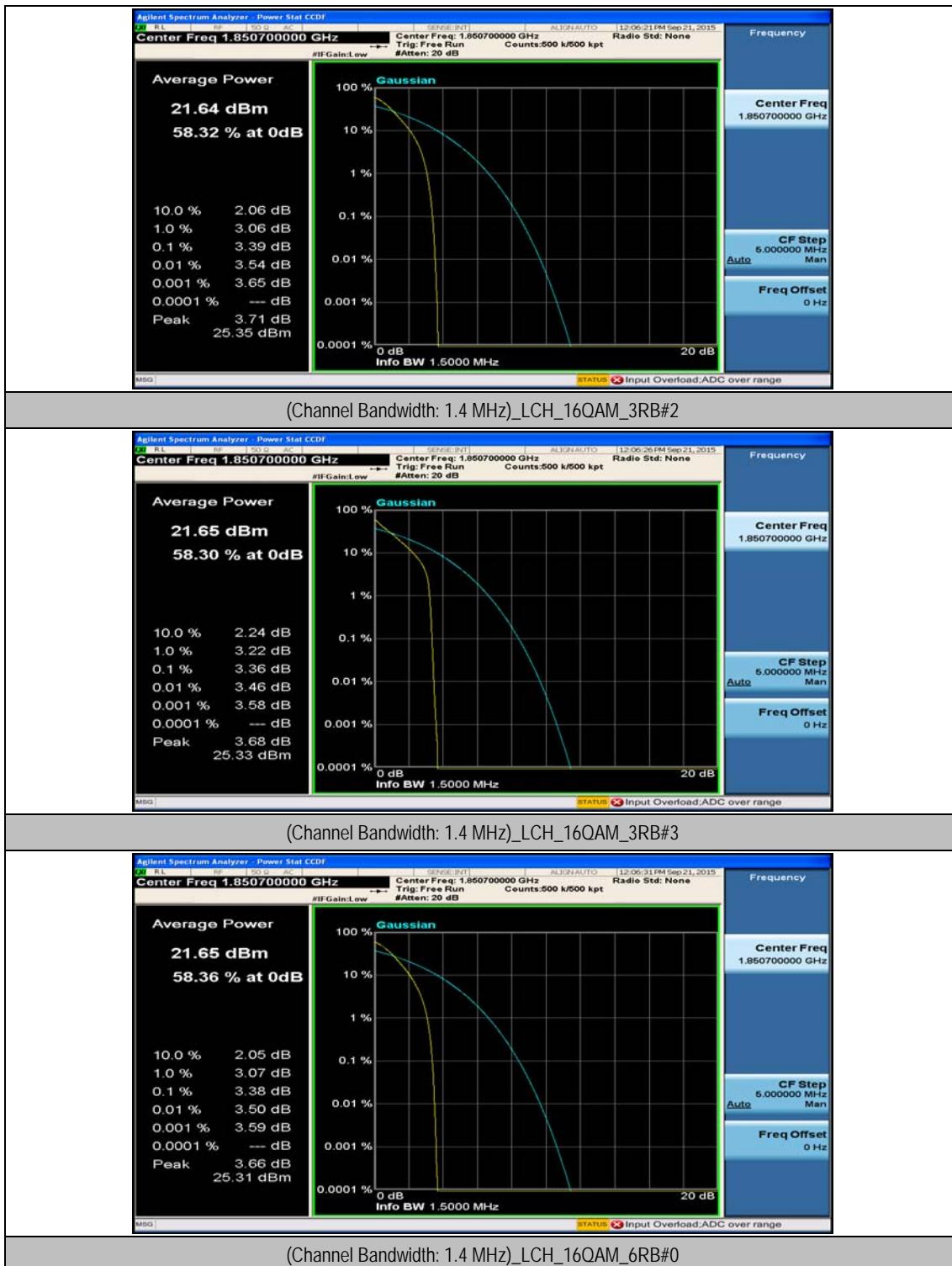


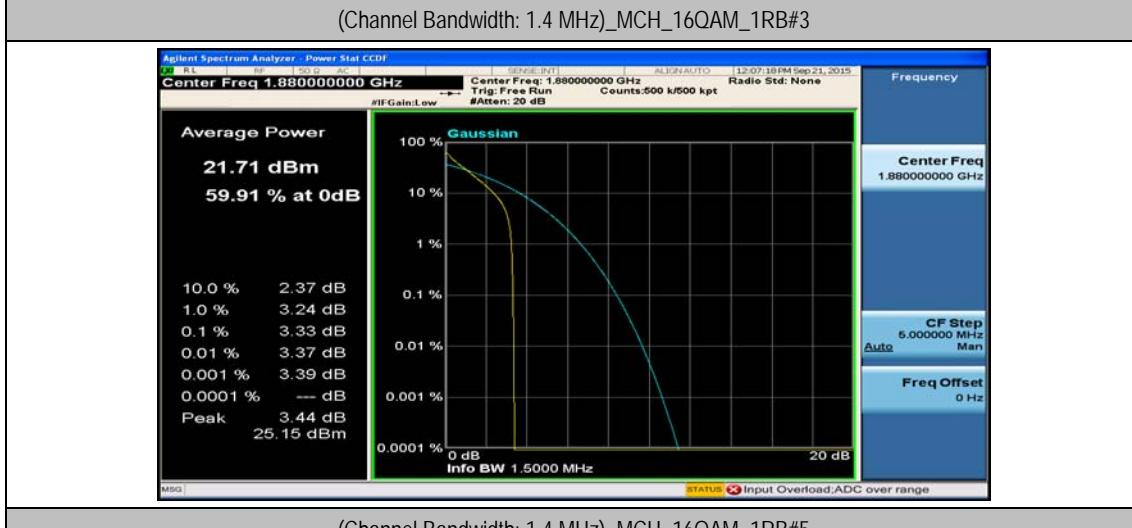
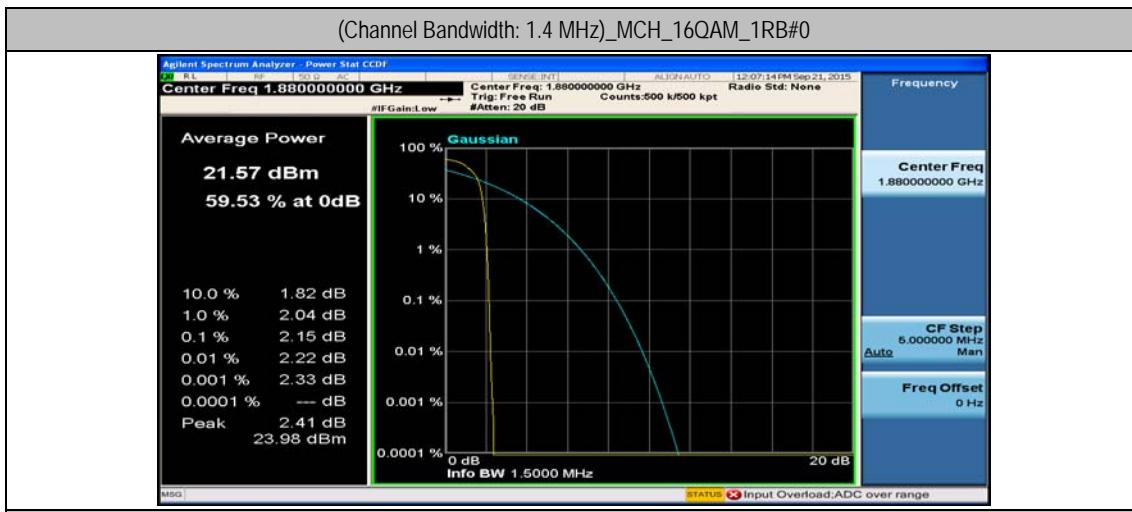
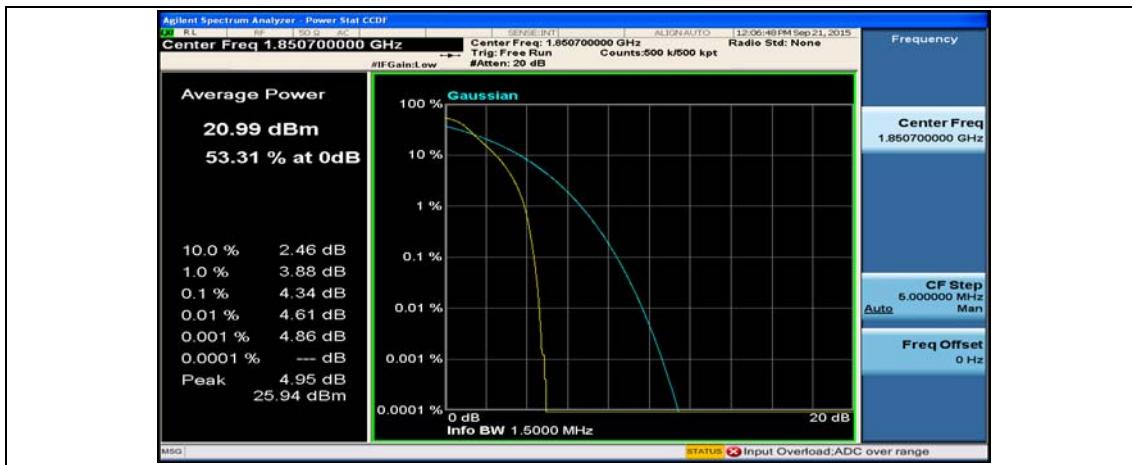


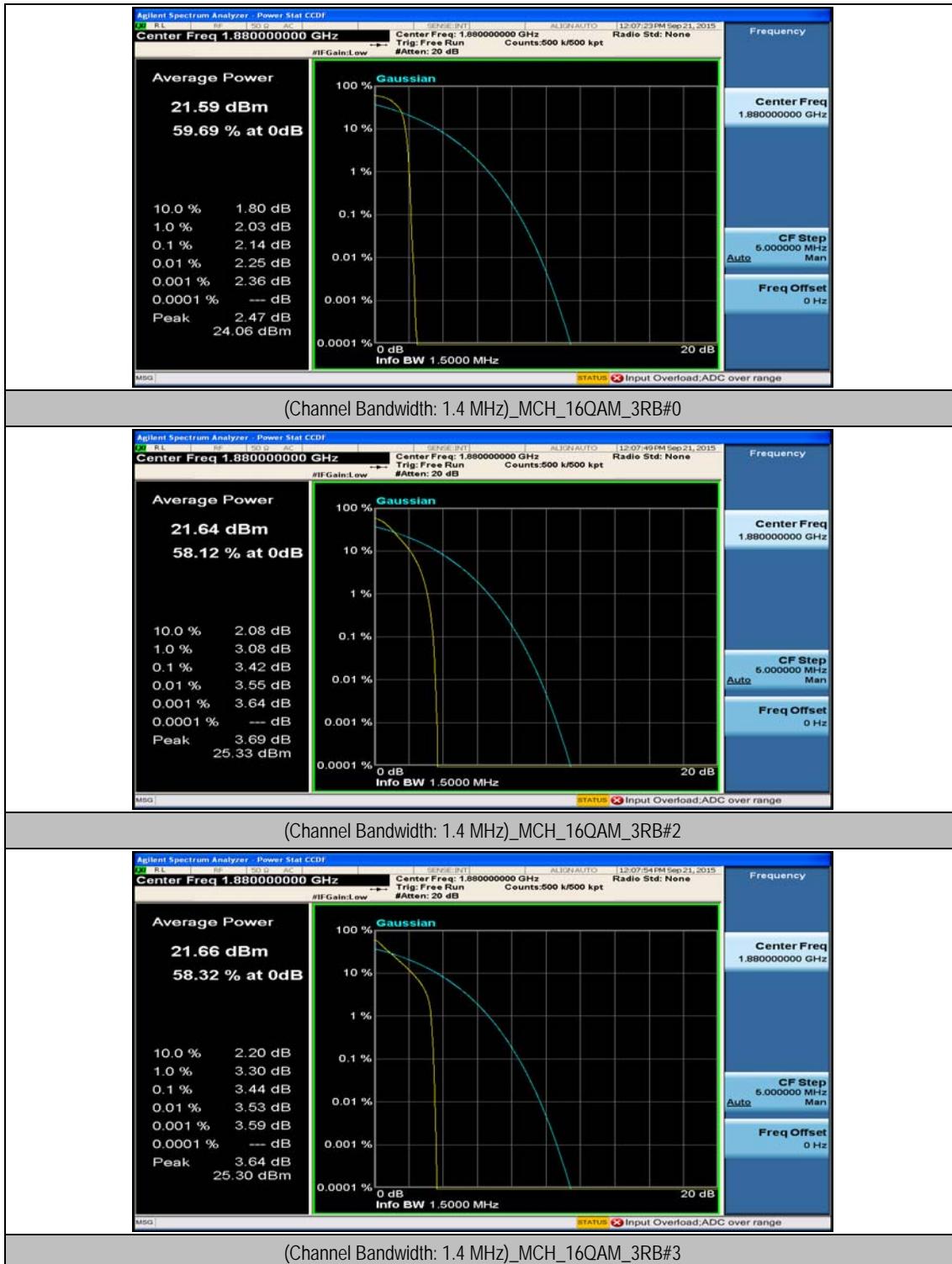


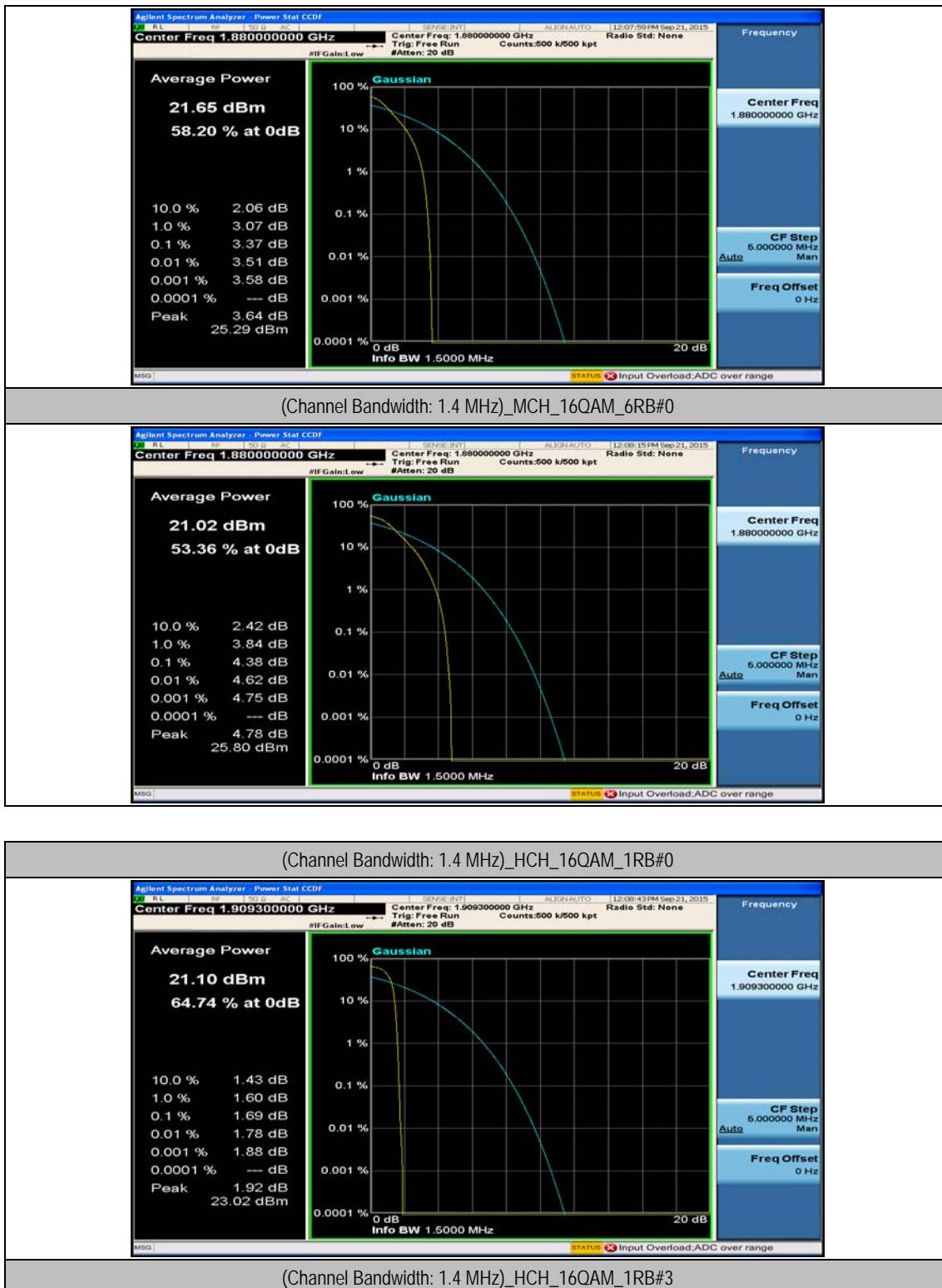


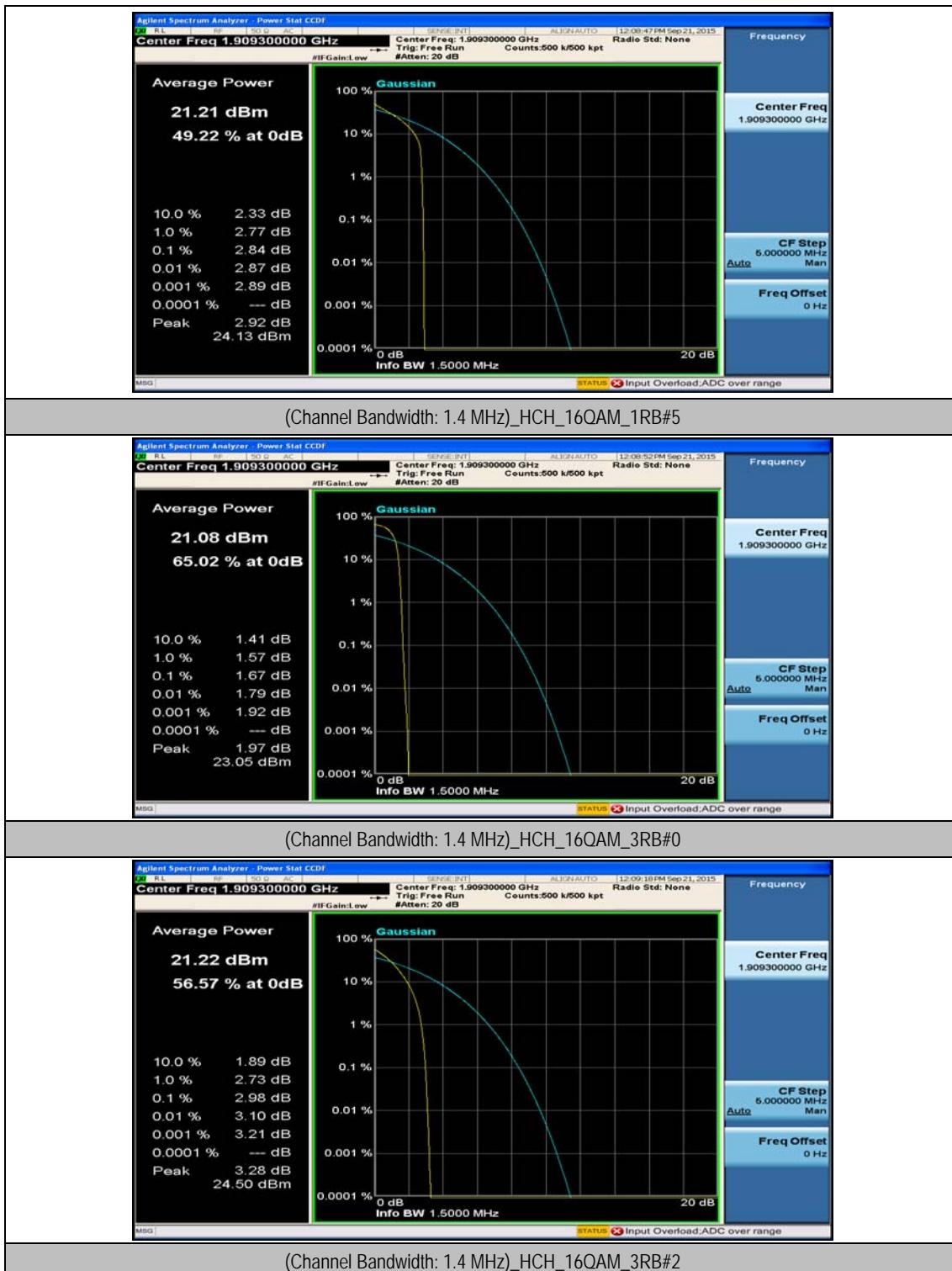


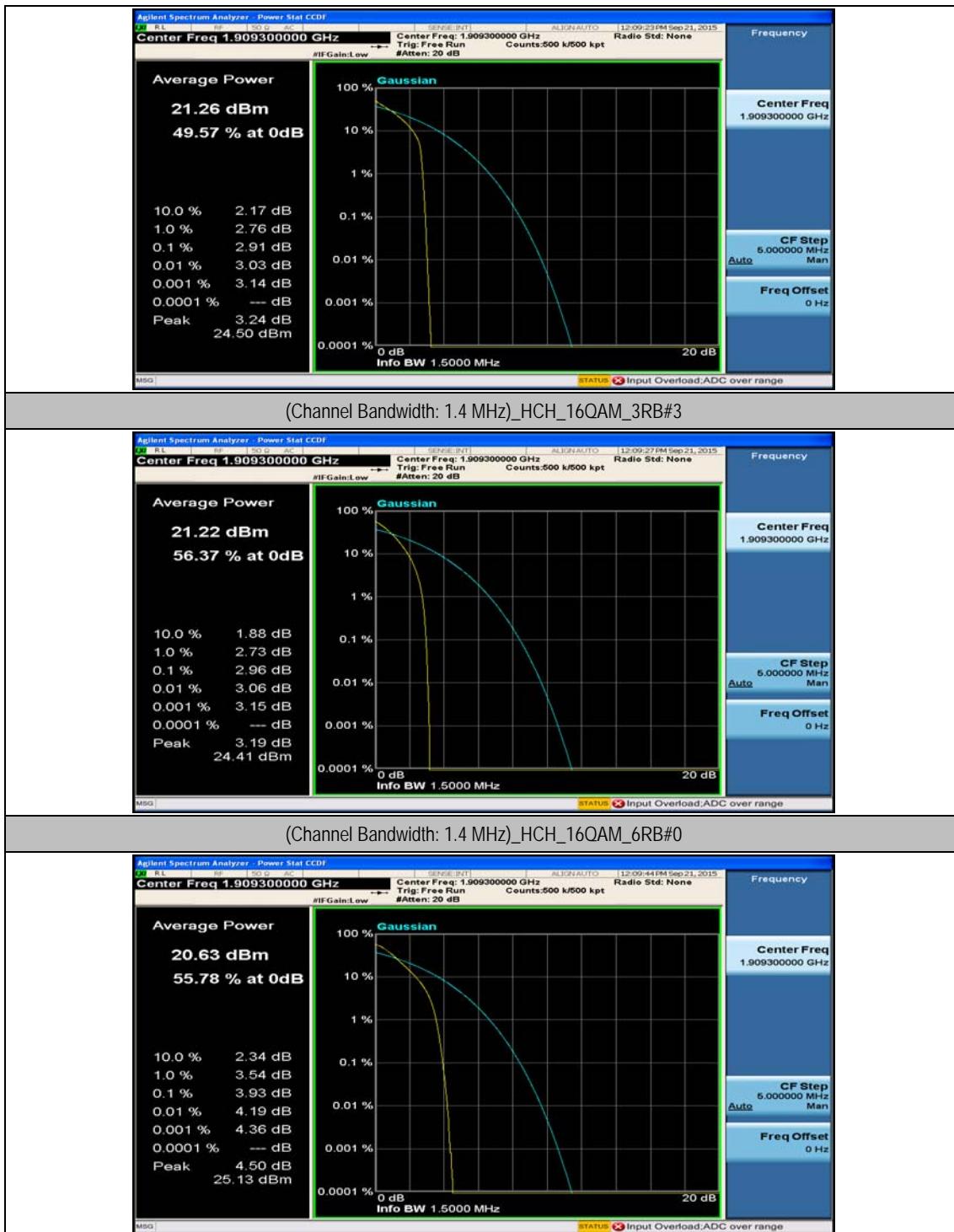






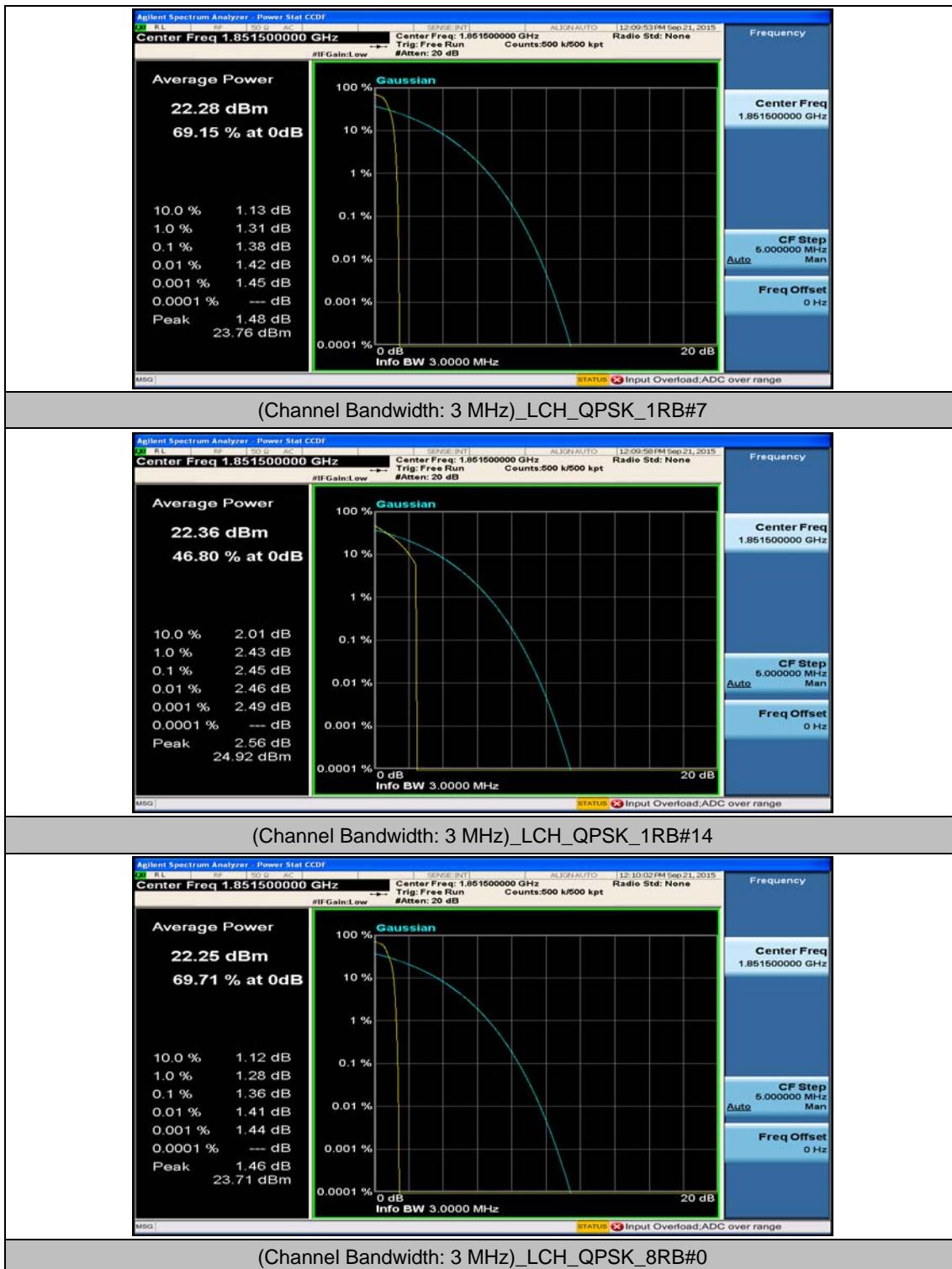


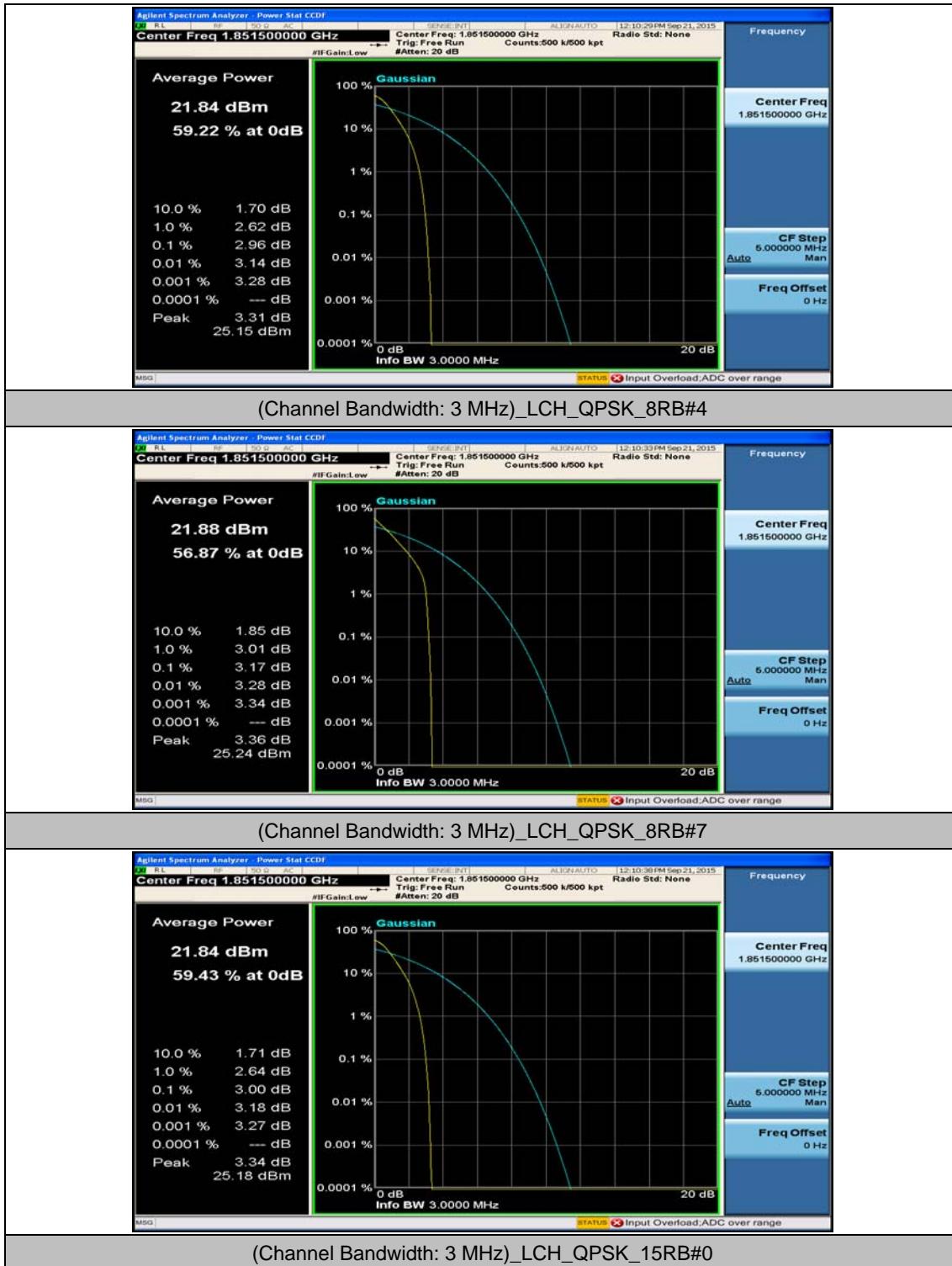


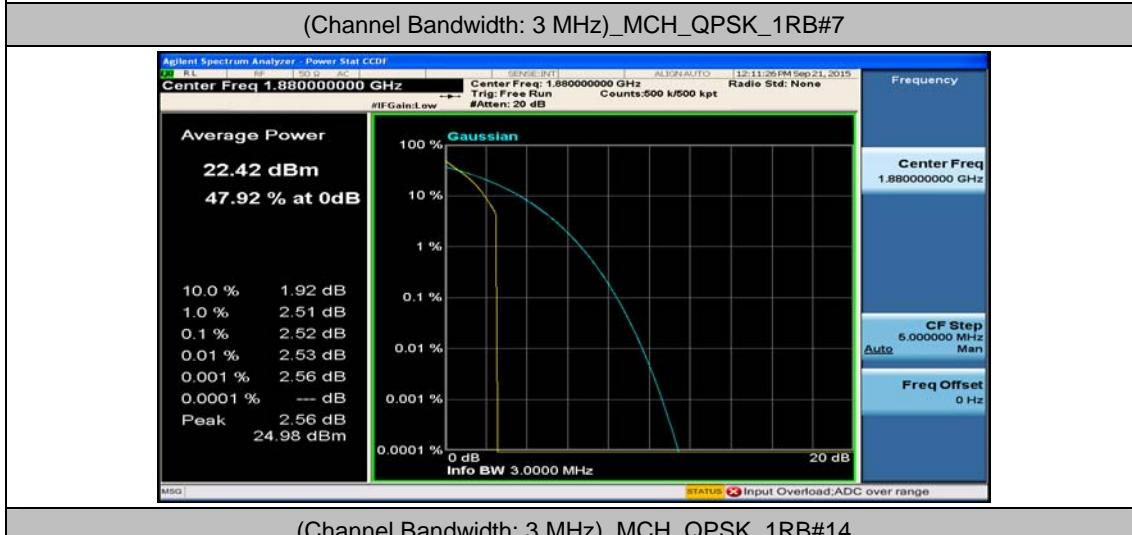
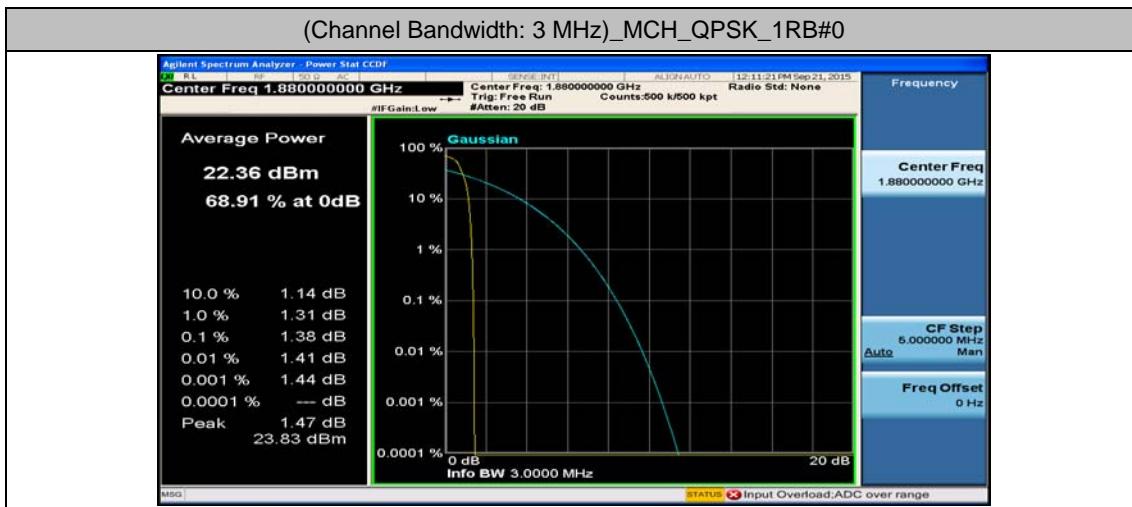
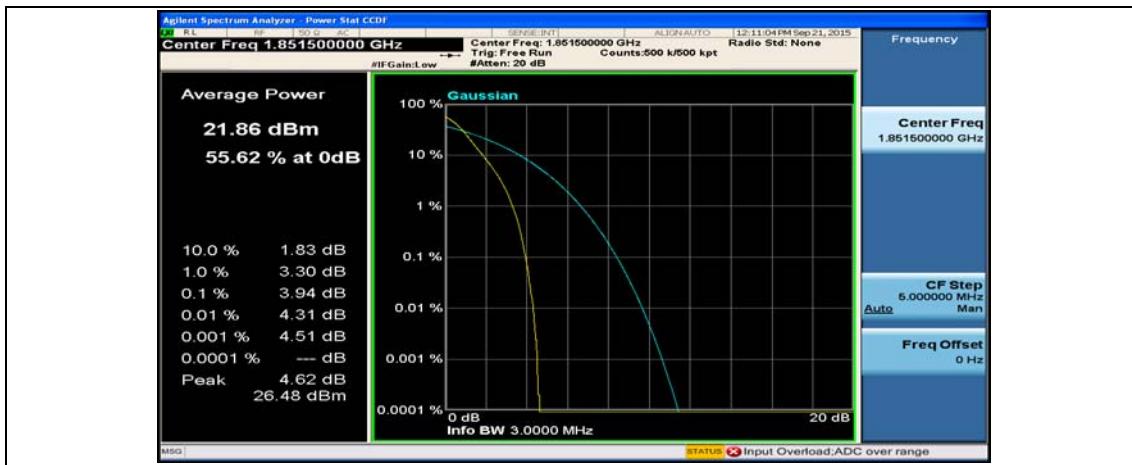


Channel Bandwidth: 3 MHz

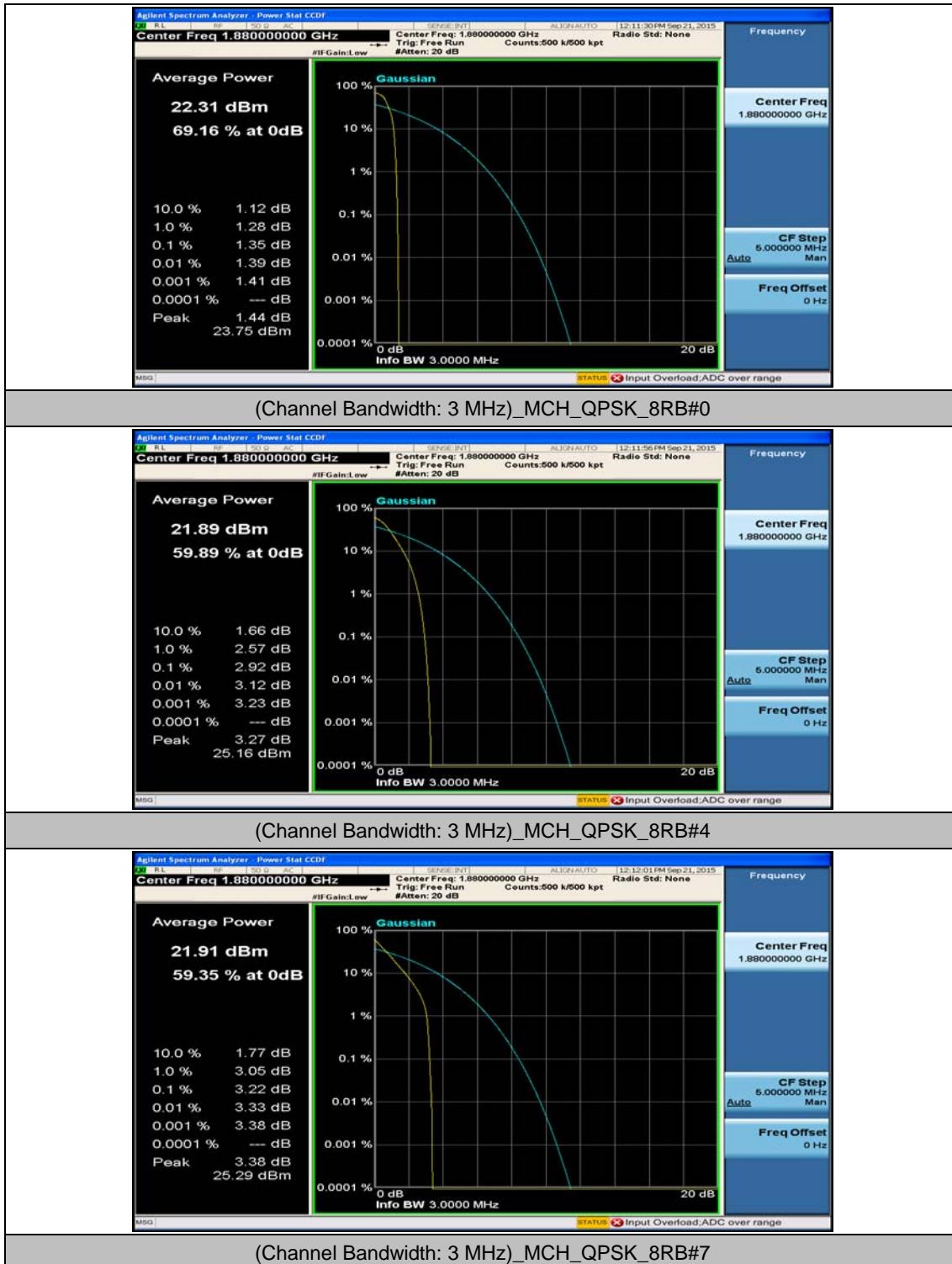
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0

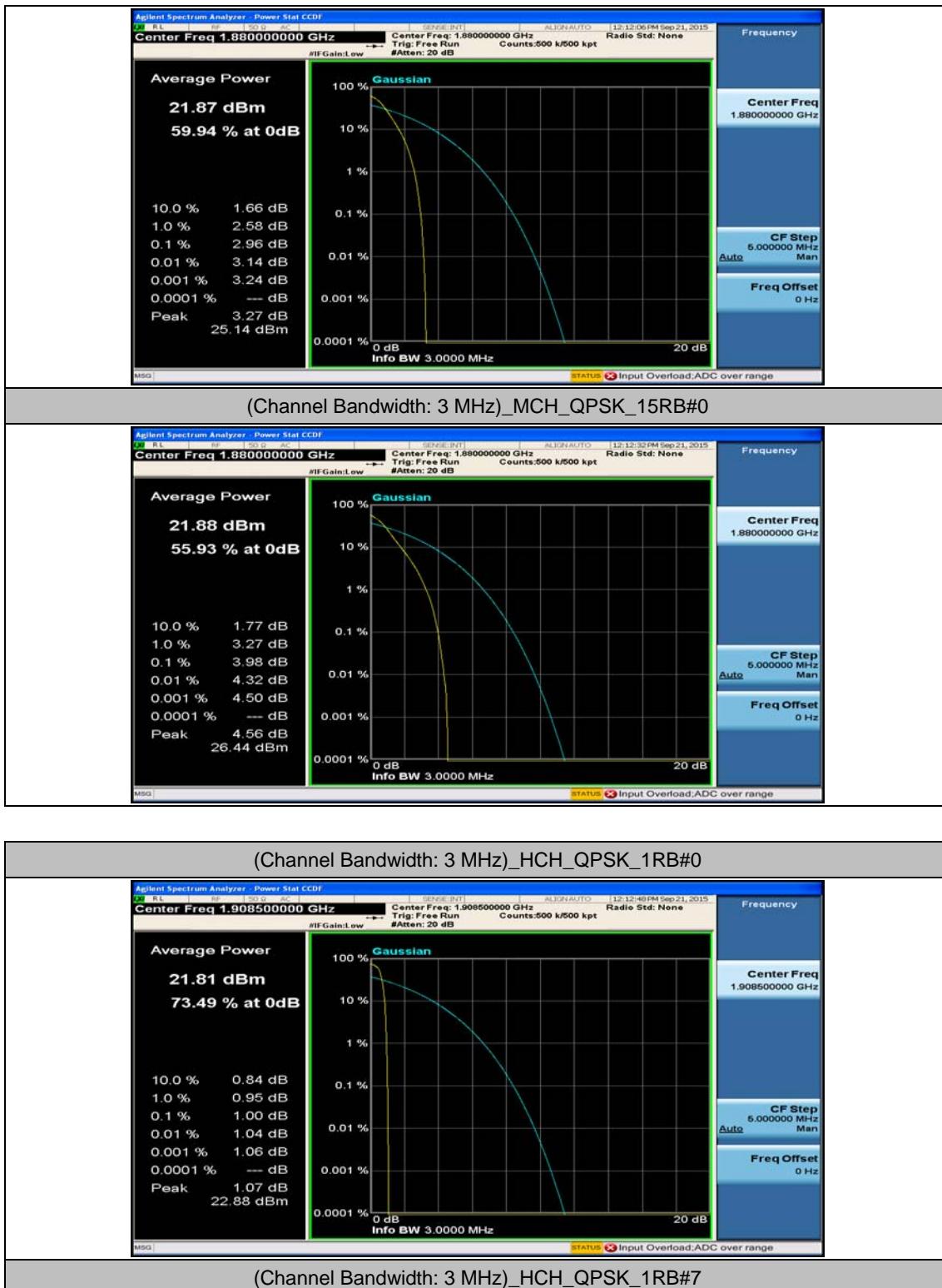


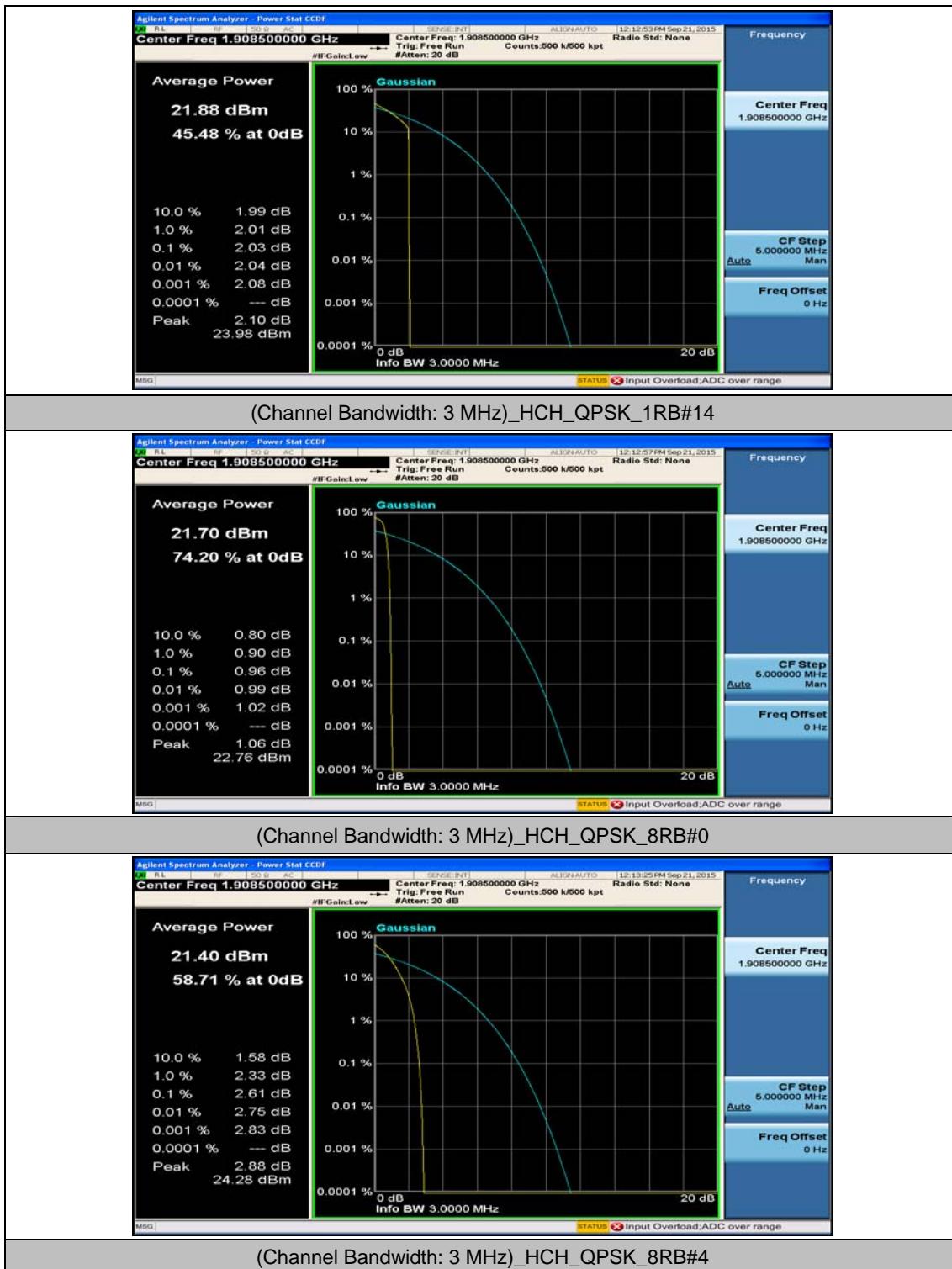


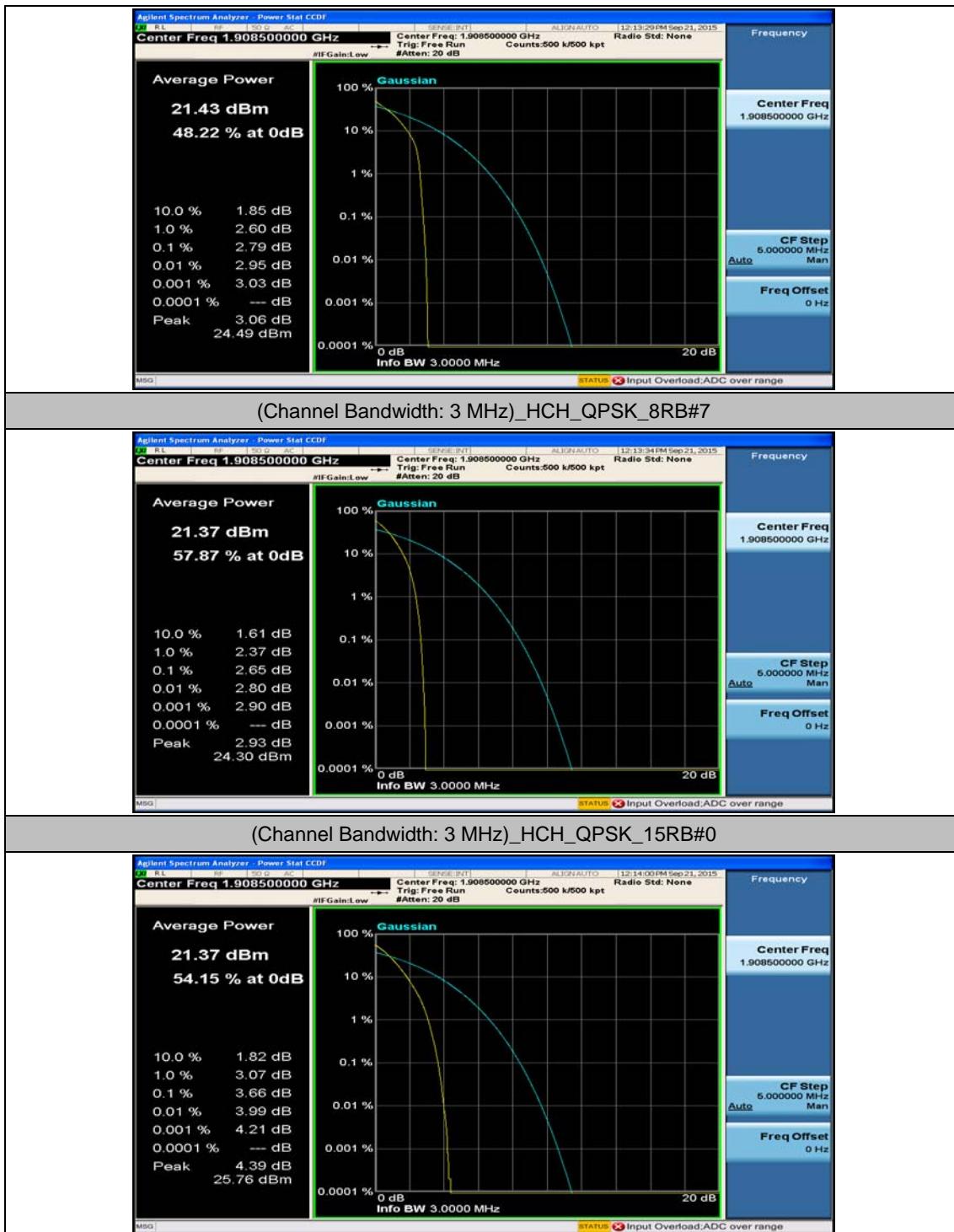


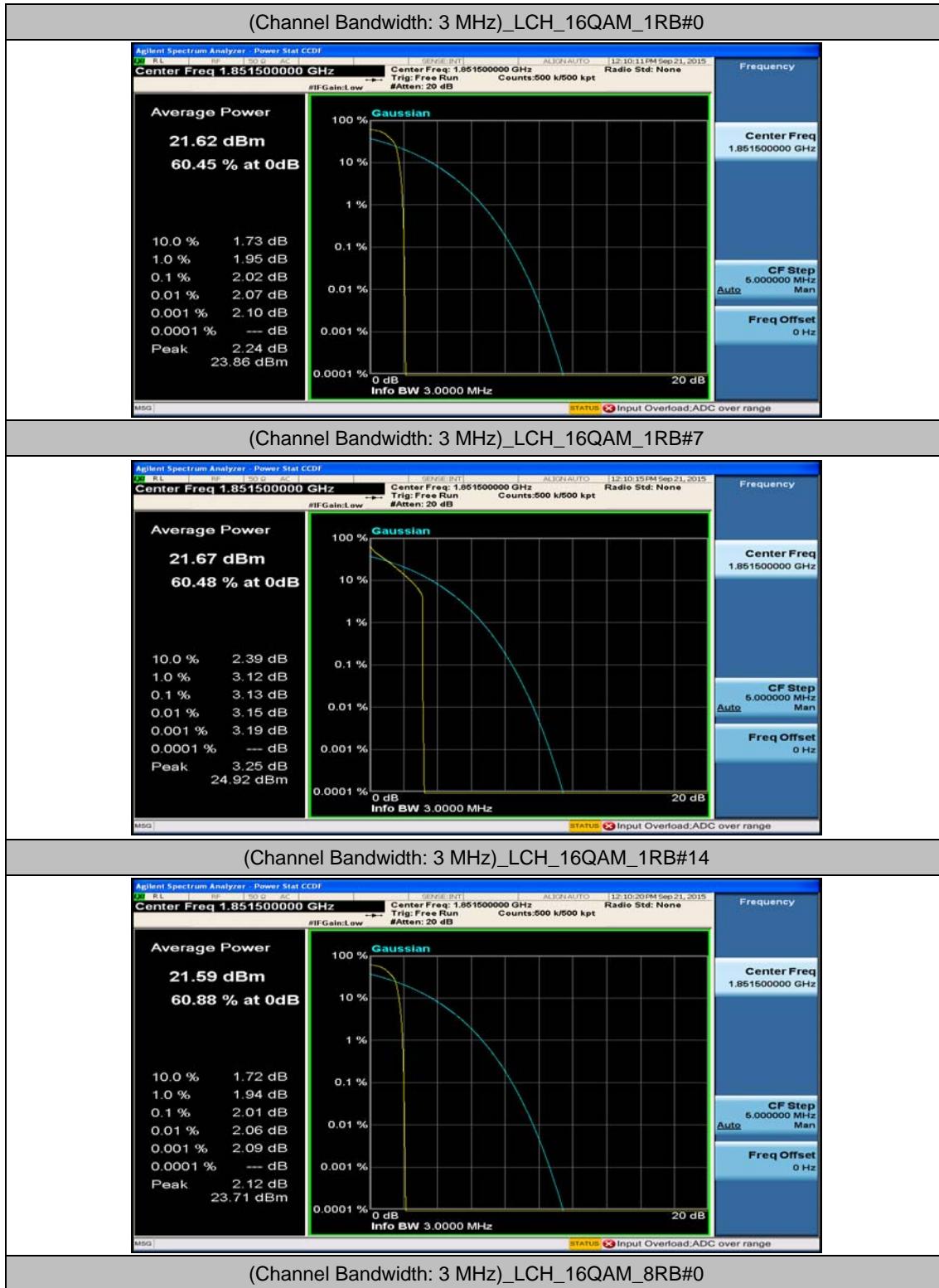
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14

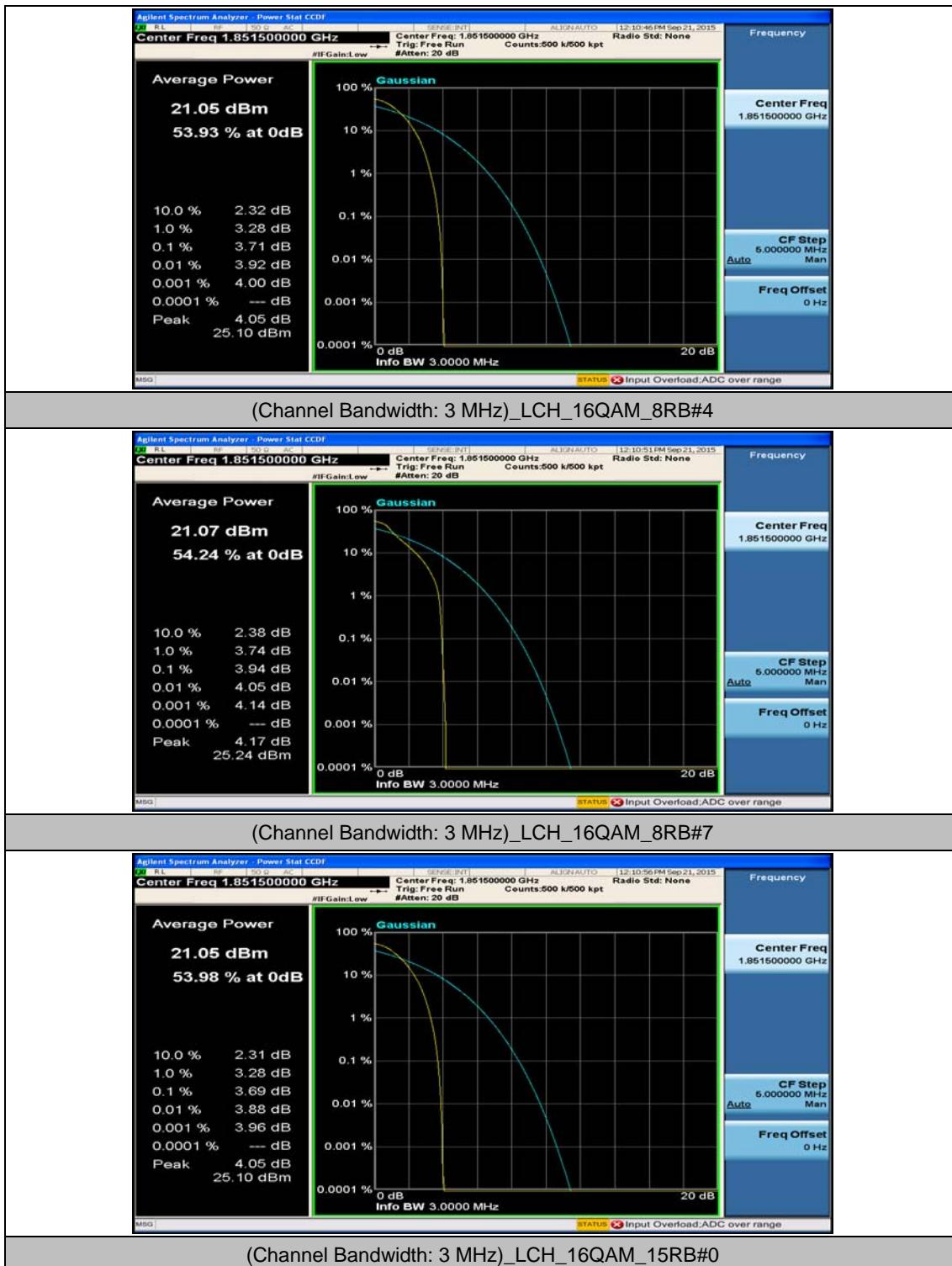


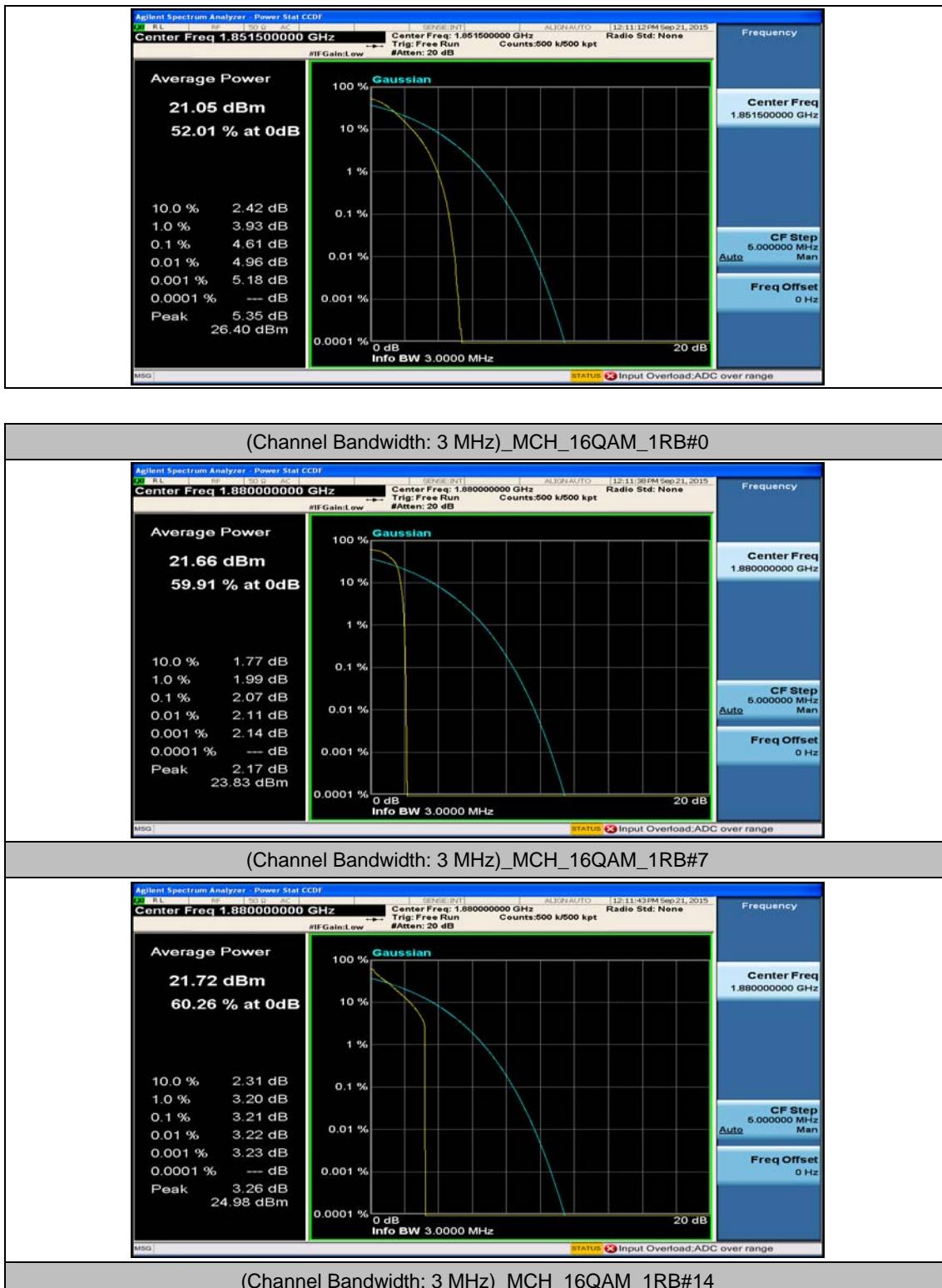


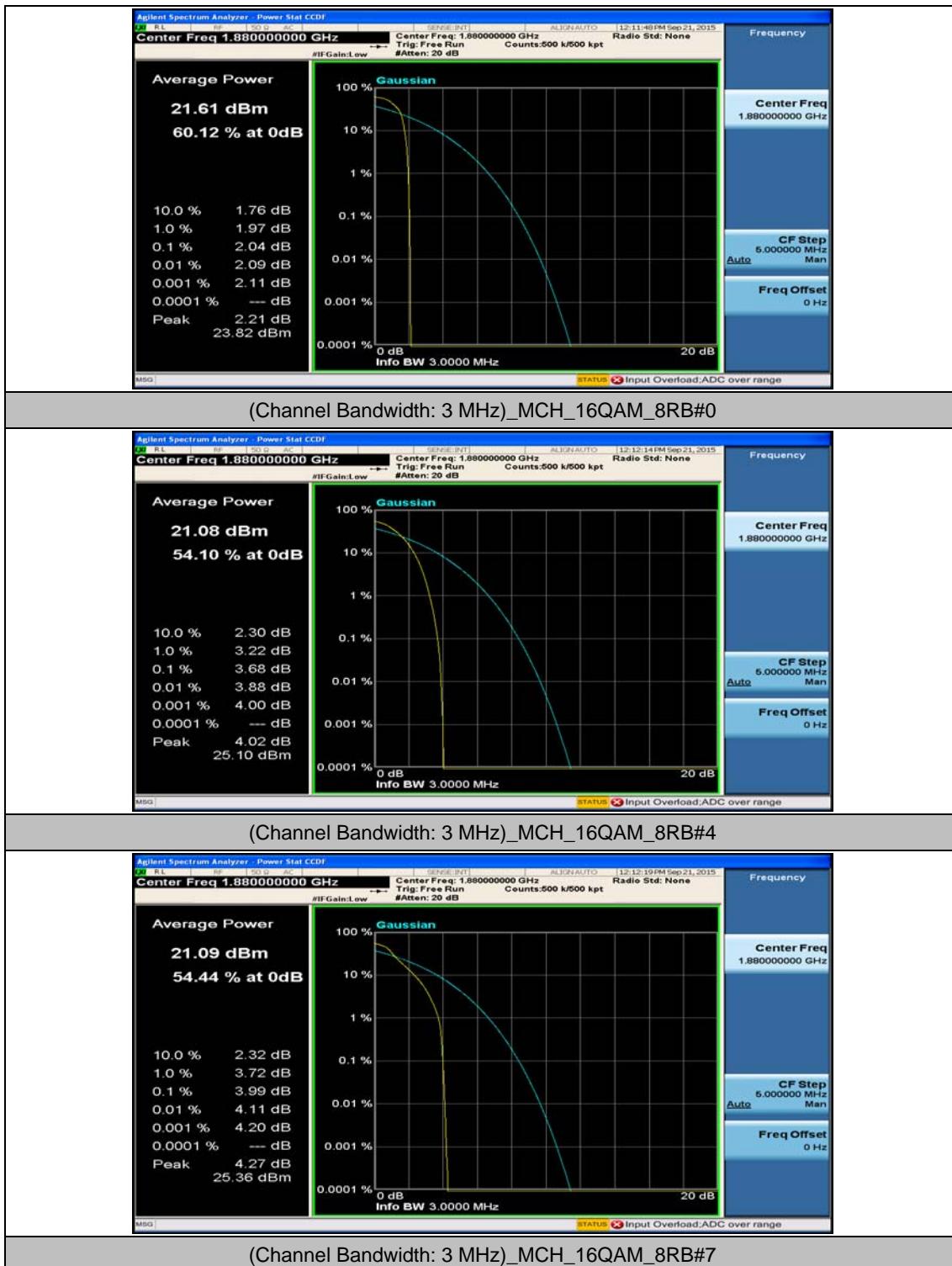


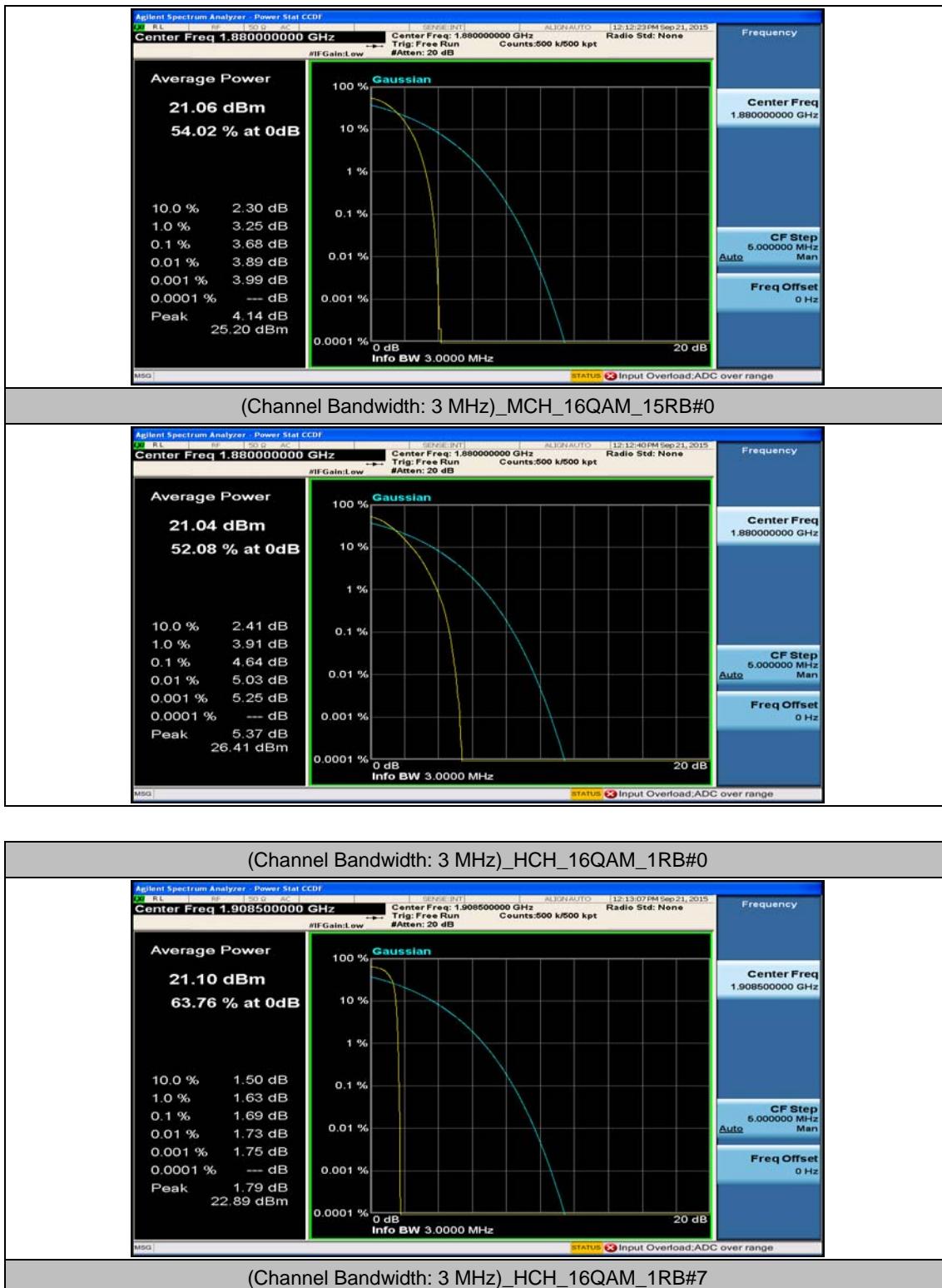


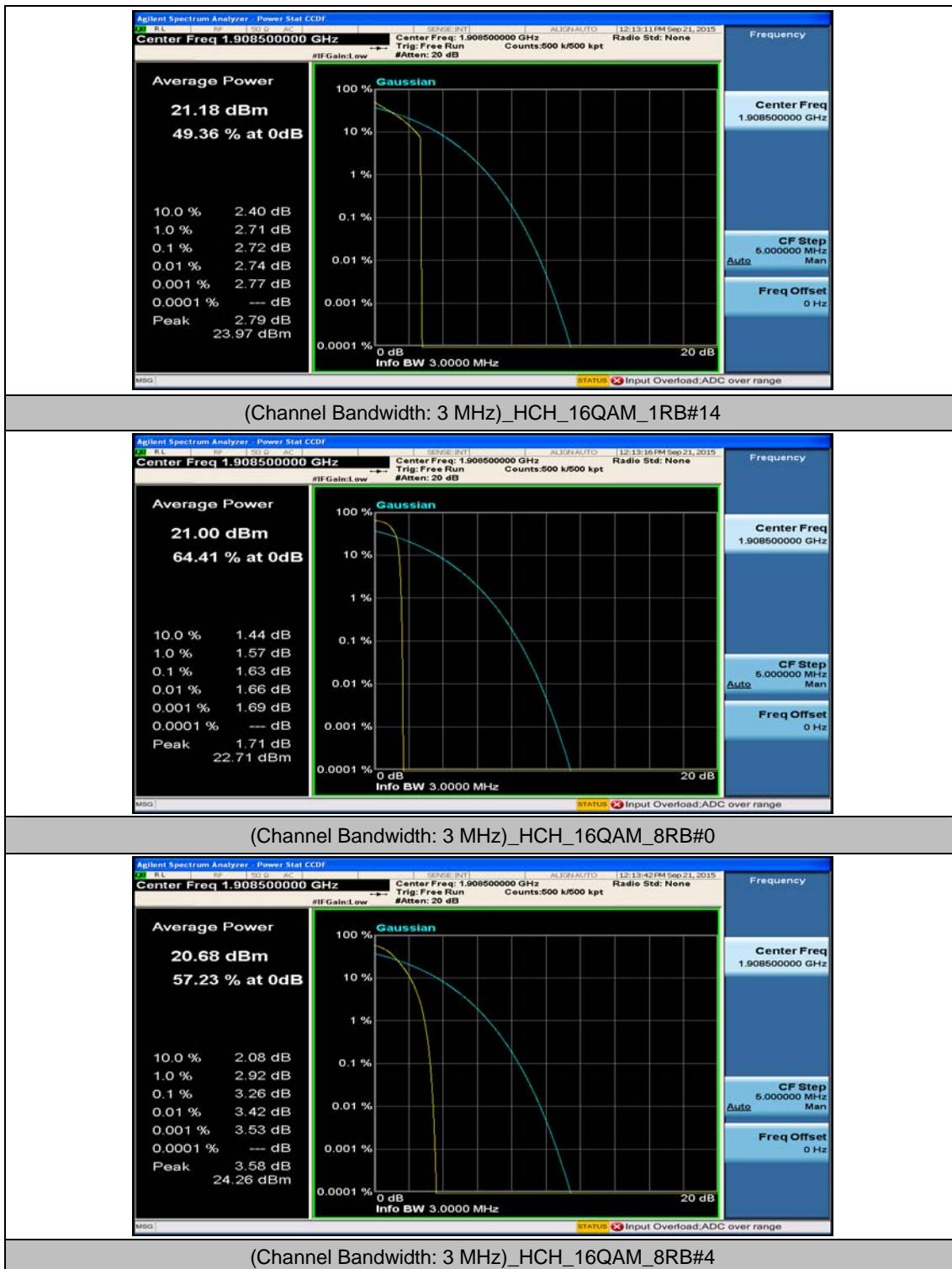


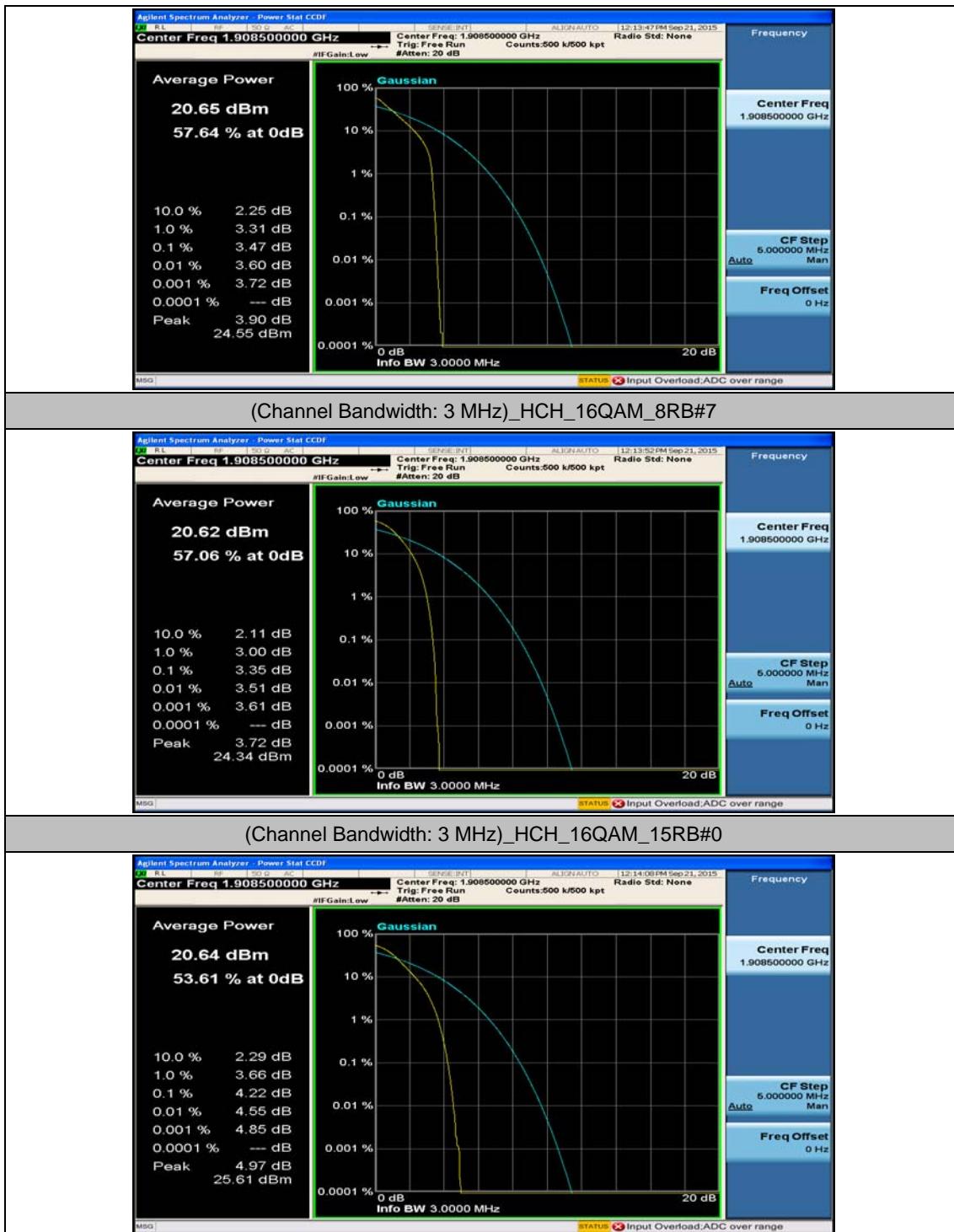












Channel Bandwidth: 5 MHz

