

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	22.09	PASS
		1	3	22.12	PASS
		1	5	22.05	PASS
		3	0	22.09	PASS
		3	2	22.09	PASS
		3	3	22.10	PASS
		6	0	21.21	PASS
	MCH	1	0	22.34	PASS
		1	3	22.40	PASS
		1	5	22.35	PASS
		3	0	22.37	PASS
		3	2	22.33	PASS
		3	3	22.37	PASS
		6	0	21.46	PASS
16QAM	HCH	1	0	23.03	PASS
		1	3	23.11	PASS
		1	5	23.06	PASS
		3	0	23.09	PASS
		3	2	23.07	PASS
		3	3	23.09	PASS
		6	0	22.29	PASS
	LCH	1	0	21.23	PASS
		1	3	21.34	PASS
		1	5	21.22	PASS
		3	0	21.19	PASS
		3	2	21.15	PASS
		3	3	21.15	PASS
		6	0	20.36	PASS
	MCH	1	0	21.60	PASS
		1	3	21.73	PASS
		1	5	21.63	PASS
		3	0	21.29	PASS
		3	2	21.29	PASS

		3	3	21.32	PASS
		6	0	20.38	PASS
HCH	HCH	1	0	22.16	PASS
		1	3	22.30	PASS
		1	5	22.19	PASS
		3	0	22.05	PASS
		3	2	22.08	PASS
		3	3	22.06	PASS
		6	0	21.30	PASS

Channel Bandwidth: 3 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.00	PASS
		1	7	22.09	PASS
		1	14	21.96	PASS
		8	0	21.23	PASS
		8	4	21.20	PASS
		8	7	21.19	PASS
		15	0	21.16	PASS
	MCH	1	0	22.37	PASS
		1	7	22.47	PASS
		1	14	22.42	PASS
		8	0	21.48	PASS
		8	4	21.49	PASS
		8	7	21.51	PASS
		15	0	21.41	PASS
16QAM	LCH	1	0	23.01	PASS
		1	7	23.12	PASS
		1	14	23.07	PASS
		8	0	22.19	PASS
		8	4	22.20	PASS
		8	7	22.22	PASS
		15	0	22.18	PASS
	MCH	1	0	21.27	PASS
		1	7	21.37	PASS
		1	14	21.22	PASS
		8	0	20.38	PASS
		8	4	20.69	PASS
		8	7	20.85	PASS
		15	0	20.54	PASS

		1	7	21.75	PASS
		1	14	21.68	PASS
		8	0	20.43	PASS
		8	4	20.41	PASS
		8	7	20.45	PASS
		15	0	20.39	PASS
	HCH	1	0	22.16	PASS
		1	7	22.25	PASS
		1	14	22.19	PASS
		8	0	21.09	PASS
		8	4	21.08	PASS
		8	7	21.10	PASS
		15	0	21.11	PASS

Channel Bandwidth: 5 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.25	PASS
		1	12	22.25	PASS
		1	24	22.09	PASS
		12	0	21.25	PASS
		12	6	21.22	PASS
		12	13	21.17	PASS
		25	0	21.16	PASS
	MCH	1	0	22.48	PASS
		1	12	22.15	PASS
		1	24	22.51	PASS
		12	0	21.46	PASS
		12	6	21.39	PASS
		12	13	21.43	PASS
		25	0	21.48	PASS
	HCH	1	0	23.1	PASS
		1	12	23.02	PASS
		1	24	23.2	PASS
		12	0	22.12	PASS
		12	6	22.17	PASS
		12	13	22.23	PASS
		25	0	22.14	PASS
16QAM	LCH	1	0	21.39	PASS
		1	12	21.46	PASS
		1	24	21.3	PASS
		12	0	20.4	PASS

		12	6	20.55	PASS
		12	13	20.5	PASS
		25	0	20.3	PASS
MCH		1	0	21.59	PASS
		1	12	21.57	PASS
		1	24	21.66	PASS
		12	0	20.55	PASS
		12	6	20.56	PASS
		12	13	20.61	PASS
		25	0	20.46	PASS
HCH		1	0	22.21	PASS
		1	12	22.28	PASS
		1	24	22.25	PASS
		12	0	21.12	PASS
		12	6	21.12	PASS
		12	13	21.17	PASS
		25	0	21.13	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.14	PASS
		1	24	22.07	PASS
		1	49	21.86	PASS
		25	0	21.21	PASS
		25	12	21.20	PASS
		25	25	21.15	PASS
		50	0	21.20	PASS
	MCH	1	0	21.62	PASS
		1	24	21.95	PASS
		1	49	22.00	PASS
		25	0	21.18	PASS
		25	12	21.28	PASS
		25	25	21.28	PASS
		50	0	21.29	PASS
	HCH	1	0	22.03	PASS
		1	24	22.41	PASS
		1	49	22.70	PASS
		25	0	21.40	PASS
		25	12	21.63	PASS
		25	25	22.01	PASS
		50	0	21.67	PASS

16QAM	LCH	1	0	21.40	PASS
		1	24	21.31	PASS
		1	49	21.23	PASS
		25	0	20.39	PASS
		25	12	20.58	PASS
		25	25	20.99	PASS
		50	0	20.56	PASS
	MCH	1	0	21.19	PASS
		1	24	21.54	PASS
		1	49	21.49	PASS
		25	0	20.54	PASS
		25	12	20.38	PASS
		25	25	20.49	PASS
		50	0	20.41	PASS
	HCH	1	0	21.34	PASS
		1	24	21.74	PASS
		1	49	22.09	PASS
		25	0	20.59	PASS
		25	12	20.79	PASS
		25	25	21.08	PASS
		50	0	20.89	PASS

Channel Bandwidth: 15 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.17	PASS
		1	37	22.10	PASS
		1	74	21.71	PASS
		37	0	21.34	PASS
		37	18	21.28	PASS
		37	38	21.27	PASS
		75	0	21.28	PASS
	MCH	1	0	21.69	PASS
		1	37	21.84	PASS
		1	74	22.18	PASS
		37	0	21.01	PASS
		37	18	21.12	PASS
		37	38	21.20	PASS
		75	0	21.14	PASS
	HCH	1	0	22.24	PASS
		1	37	22.04	PASS
		1	74	22.67	PASS

		37	0	21.41	PASS
		37	18	21.28	PASS
		37	38	21.56	PASS
		75	0	21.40	PASS
16QAM	LCH	1	0	21.45	PASS
		1	37	21.44	PASS
		1	74	21.13	PASS
		37	0	20.35	PASS
		37	18	20.54	PASS
		37	38	20.45	PASS
		75	0	20.54	PASS
	MCH	1	0	21.13	PASS
		1	37	21.30	PASS
		1	74	21.53	PASS
		37	0	20.36	PASS
		37	18	20.45	PASS
		37	38	20.45	PASS
		75	0	20.58	PASS
	HCH	1	0	21.56	PASS
		1	37	21.47	PASS
		1	74	22.06	PASS
		37	0	20.47	PASS
		37	18	20.45	PASS
		37	38	20.73	PASS
		75	0	20.62	PASS

Channel Bandwidth: 20 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.31	PASS
		1	49	22.18	PASS
		1	99	21.55	PASS
		50	0	21.23	PASS
		50	25	21.18	PASS
		50	50	21.06	PASS
		100	0	21.18	PASS
	MCH	1	0	21.75	PASS
		1	49	21.81	PASS
		1	99	22.19	PASS
		50	0	20.96	PASS
		50	25	21.08	PASS
		50	50	21.2	PASS

		100	0	20.96	PASS
HCH	HCH	1	0	22.36	PASS
		1	49	21.80	PASS
		1	99	22.44	PASS
		50	0	21.42	PASS
		50	25	21.23	PASS
		50	50	21.26	PASS
		100	0	21.34	PASS
16QAM	LCH	1	0	21.45	PASS
		1	49	21.34	PASS
		1	99	20.72	PASS
		50	0	20.51	PASS
		50	25	20.57	PASS
		50	50	20.84	PASS
		100	0	20.45	PASS
	MCH	1	0	21.15	PASS
		1	49	21.35	PASS
		1	99	21.63	PASS
		50	0	20.09	PASS
		50	25	20.55	PASS
		50	50	20.43	PASS
		100	0	20.78	PASS
	HCH	1	0	21.73	PASS
		1	49	21.27	PASS
		1	99	21.83	PASS
		50	0	20.65	PASS
		50	25	20.33	PASS
		50	50	20.49	PASS
		100	0	20.55	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	3.41	<13	PASS
		1	3	3.43	<13	PASS
		1	5	3.43	<13	PASS
		3	0	3.67	<13	PASS
		3	2	3.70	<13	PASS
		3	3	3.76	<13	PASS
		6	0	4.53	<13	PASS
	MCH	1	0	3.69	<13	PASS
		1	3	3.82	<13	PASS
		1	5	3.73	<13	PASS
		3	0	4.00	<13	PASS
		3	2	4.02	<13	PASS
		3	3	4.09	<13	PASS
		6	0	4.60	<13	PASS
16QAM	LCH	1	0	2.98	<13	PASS
		1	3	3.10	<13	PASS
		1	5	3.01	<13	PASS
		3	0	3.22	<13	PASS
		3	2	3.24	<13	PASS
		3	3	3.22	<13	PASS
		6	0	4.03	<13	PASS
	MCH	1	0	4.66	<13	PASS
		1	3	4.65	<13	PASS
		1	5	4.68	<13	PASS
		3	0	4.54	<13	PASS
		3	2	4.61	<13	PASS
		3	3	4.65	<13	PASS
		6	0	5.40	<13	PASS

		3	3	4.63	<13	PASS
		6	0	5.36	<13	PASS
HCH	1	0	4.03	<13	PASS	
	1	3	4.02	<13	PASS	
	1	5	4.08	<13	PASS	
	3	0	4.12	<13	PASS	
	3	2	4.10	<13	PASS	
	3	3	4.09	<13	PASS	
	6	0	4.88	<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	3.48	<13	PASS
		1	7	3.51	<13	PASS
		1	14	3.58	<13	PASS
		8	0	4.59	<13	PASS
		8	4	4.64	<13	PASS
		8	7	4.69	<13	PASS
		15	0	4.75	<13	PASS
	MCH	1	0	3.72	<13	PASS
		1	7	3.74	<13	PASS
		1	14	3.8	<13	PASS
		8	0	4.69	<13	PASS
		8	4	4.75	<13	PASS
		8	7	4.75	<13	PASS
		15	0	4.88	<13	PASS
	HCH	1	0	3.27	<13	PASS
		1	7	3.19	<13	PASS
		1	14	3.08	<13	PASS
		8	0	4.19	<13	PASS
		8	4	4.14	<13	PASS
		8	7	4.08	<13	PASS
		15	0	4.27	<13	PASS
16QAM	LCH	1	0	4.67	<13	PASS
		1	7	4.74	<13	PASS
		1	14	4.74	<13	PASS
		8	0	5.34	<13	PASS
		8	4	5.36	<13	PASS
		8	7	5.43	<13	PASS

		15	0	5.7	<13	PASS
MCH	1	0		4.75	<13	PASS
	1	7		4.77	<13	PASS
	1	14		4.91	<13	PASS
	8	0		5.40	<13	PASS
	8	4		5.42	<13	PASS
	8	7		5.38	<13	PASS
	15	0		5.57	<13	PASS
HCH	1	0		4.34	<13	PASS
	1	7		4.17	<13	PASS
	1	14		4.11	<13	PASS
	8	0		5.09	<13	PASS
	8	4		5.03	<13	PASS
	8	7		5.06	<13	PASS
	15	0		5.02	<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	3.57	<13	PASS
		1	12	3.72	<13	PASS
		1	24	3.62	<13	PASS
		12	0	4.75	<13	PASS
		12	6	4.82	<13	PASS
		12	13	4.79	<13	PASS
		25	0	4.89	<13	PASS
QPSK	MCH	1	0	3.76	<13	PASS
		1	12	3.99	<13	PASS
		1	24	3.81	<13	PASS
		12	0	4.68	<13	PASS
		12	6	4.80	<13	PASS
		12	13	4.90	<13	PASS
		25	0	4.99	<13	PASS
QPSK	HCH	1	0	3.42	<13	PASS
		1	12	3.36	<13	PASS
		1	24	3.07	<13	PASS
		12	0	4.61	<13	PASS
		12	6	4.53	<13	PASS
		12	13	4.37	<13	PASS
		25	0	4.59	<13	PASS

16QAM	LCH	1	0	4.73	<13	PASS
		1	12	4.77	<13	PASS
		1	24	4.71	<13	PASS
		12	0	5.55	<13	PASS
		12	6	5.64	<13	PASS
		12	13	5.64	<13	PASS
		25	0	5.64	<13	PASS
	MCH	1	0	4.73	<13	PASS
		1	12	5.14	<13	PASS
		1	24	4.92	<13	PASS
		12	0	5.47	<13	PASS
		12	6	5.55	<13	PASS
		12	13	5.54	<13	PASS
		25	0	5.73	<13	PASS
	HCH	1	0	4.24	<13	PASS
		1	12	4.27	<13	PASS
		1	24	3.91	<13	PASS
		12	0	5.25	<13	PASS
		12	6	5.25	<13	PASS
		12	13	5.08	<13	PASS
		25	0	5.38	<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	3.66	<13	PASS
		1	24	3.51	<13	PASS
		1	49	3.43	<13	PASS
		25	0	4.83	<13	PASS
		25	12	4.82	<13	PASS
		25	25	4.67	<13	PASS
		50	0	4.83	<13	PASS
	MCH	1	0	3.80	<13	PASS
		1	24	3.90	<13	PASS
		1	49	3.80	<13	PASS
		25	0	4.88	<13	PASS
		25	12	4.98	<13	PASS
		25	25	4.99	<13	PASS
		50	0	4.98	<13	PASS
	HCH	1	0	3.78	<13	PASS

		1	24	3.71	<13	PASS
		1	49	3.44	<13	PASS
		25	0	4.80	<13	PASS
		25	12	4.78	<13	PASS
		25	25	4.61	<13	PASS
		50	0	4.81	<13	PASS
16QAM	LCH	1	0	4.75	<13	PASS
		1	24	4.69	<13	PASS
		1	49	4.49	<13	PASS
		25	0	5.66	<13	PASS
		25	12	5.68	<13	PASS
		25	25	5.48	<13	PASS
		50	0	5.61	<13	PASS
	MCH	1	0	4.84	<13	PASS
		1	24	4.93	<13	PASS
		1	49	4.88	<13	PASS
		25	0	5.67	<13	PASS
		25	12	5.66	<13	PASS
		25	25	5.73	<13	PASS
		50	0	5.68	<13	PASS
	HCH	1	0	4.86	<13	PASS
		1	24	4.78	<13	PASS
		1	49	4.40	<13	PASS
		25	0	5.62	<13	PASS
		25	12	5.63	<13	PASS
		25	25	5.47	<13	PASS
		50	0	5.57	<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	3.56	<13	PASS
		1	37	3.36	<13	PASS
		1	74	3.17	<13	PASS
		37	0	4.85	<13	PASS
		37	18	4.68	<13	PASS
		37	38	4.39	<13	PASS
		75	0	4.96	<13	PASS
	MCH	1	0	3.67	<13	PASS
		1	37	4.03	<13	PASS

		1	74	3.7	<13	PASS
		37	0	4.83	<13	PASS
		37	18	4.99	<13	PASS
		37	38	5.00	<13	PASS
		75	0	5.20	<13	PASS
	HCH	1	0	3.31	<13	PASS
		1	37	3.90	<13	PASS
		1	74	3.41	<13	PASS
		37	0	4.56	<13	PASS
		37	18	4.89	<13	PASS
		37	38	4.87	<13	PASS
		75	0	5.08	<13	PASS
16QAM	LCH	1	0	4.71	<13	PASS
		1	37	4.41	<13	PASS
		1	74	4.20	<13	PASS
		37	0	5.65	<13	PASS
		37	18	5.49	<13	PASS
		37	38	5.14	<13	PASS
		75	0	5.54	<13	PASS
	MCH	1	0	4.57	<13	PASS
		1	37	5.08	<13	PASS
		1	74	4.83	<13	PASS
		37	0	5.57	<13	PASS
		37	18	5.77	<13	PASS
		37	38	5.67	<13	PASS
		75	0	5.74	<13	PASS
	HCH	1	0	4.32	<13	PASS
		1	37	4.78	<13	PASS
		1	74	4.44	<13	PASS
		37	0	5.31	<13	PASS
		37	18	5.61	<13	PASS
		37	38	5.53	<13	PASS
		75	0	5.61	<13	PASS

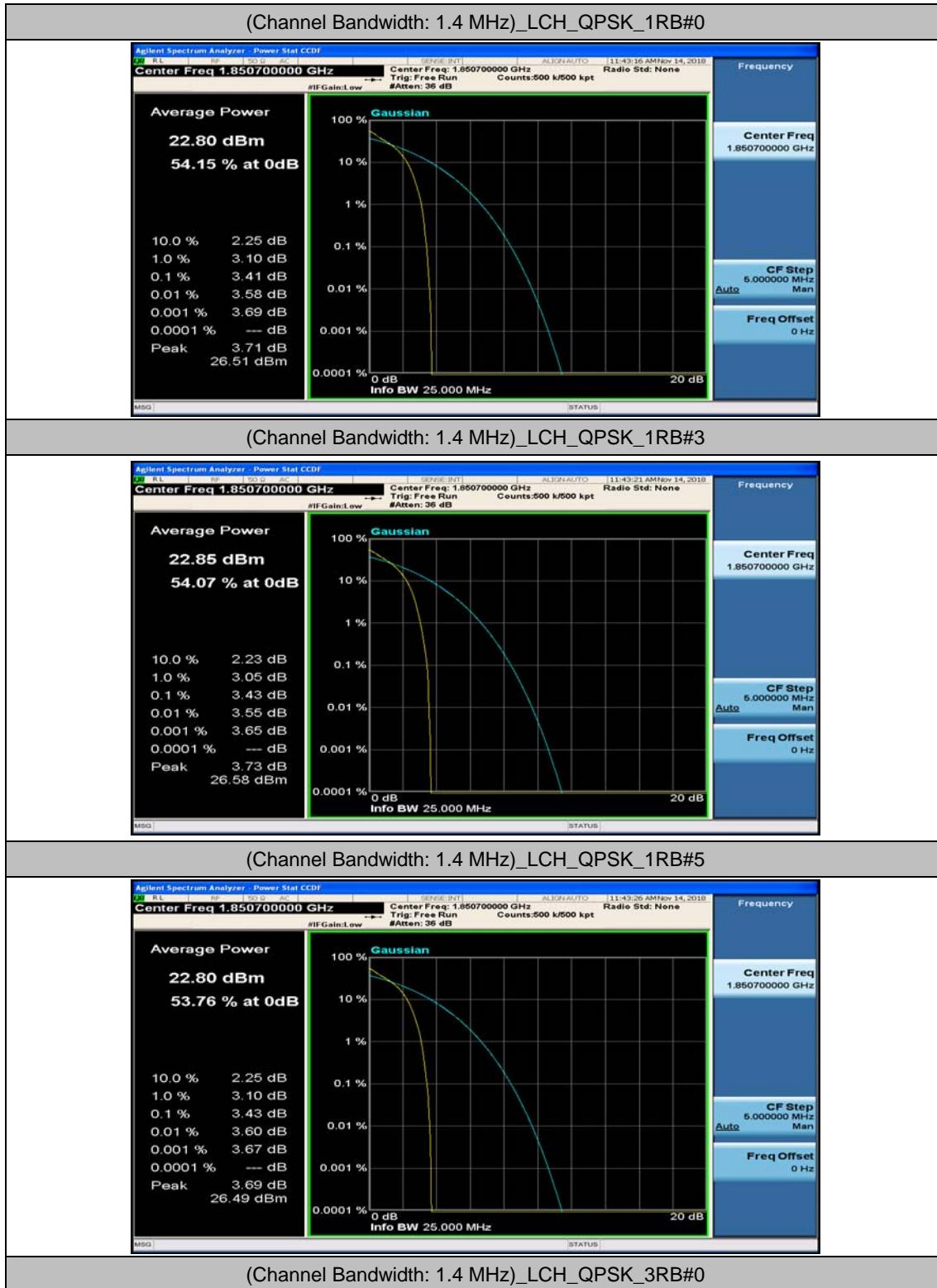
Channel Bandwidth: 20 MHz

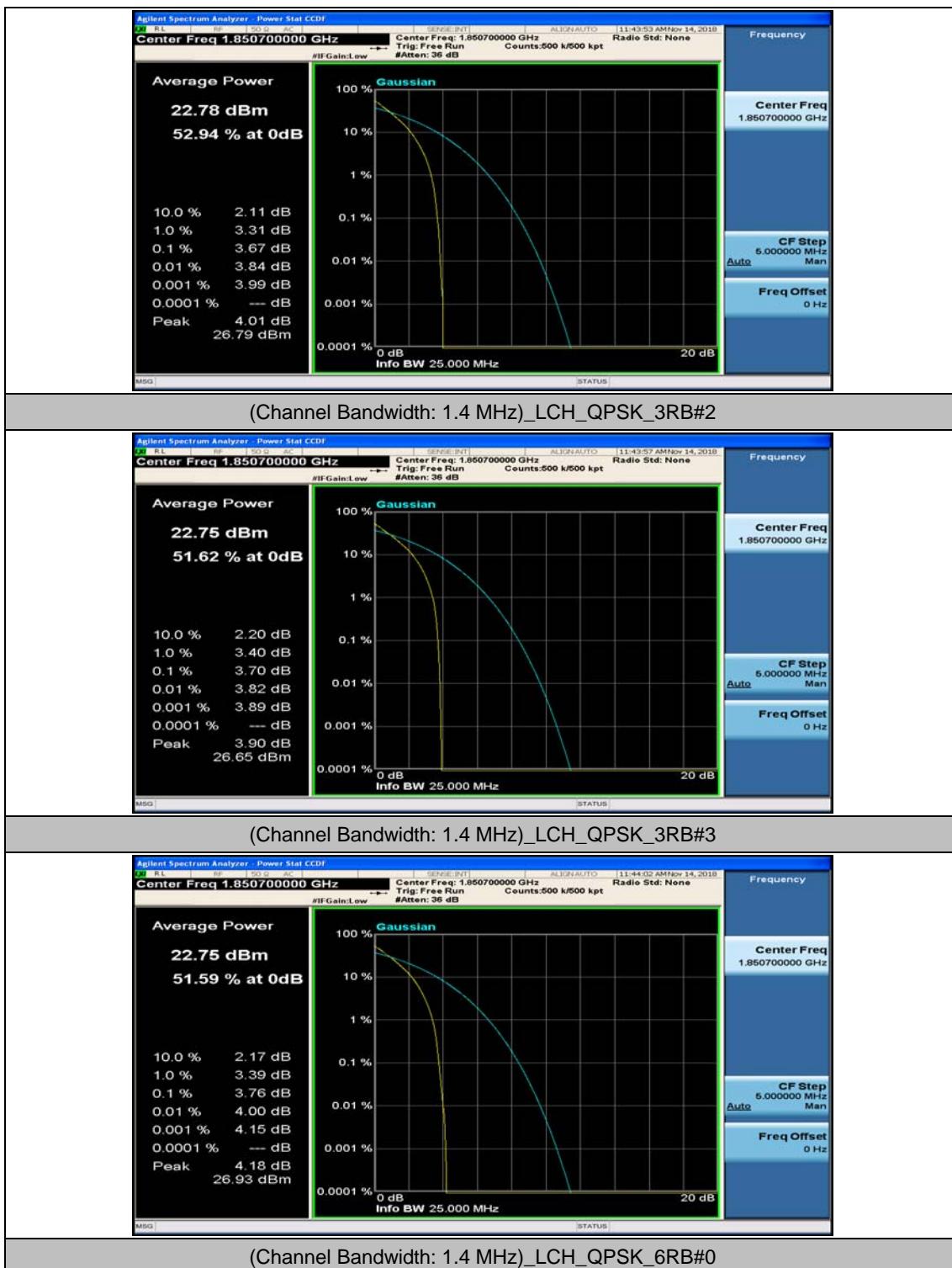
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.65	<13	PASS
		1	49	3.33	<13	PASS
		1	99	3.38	<13	PASS

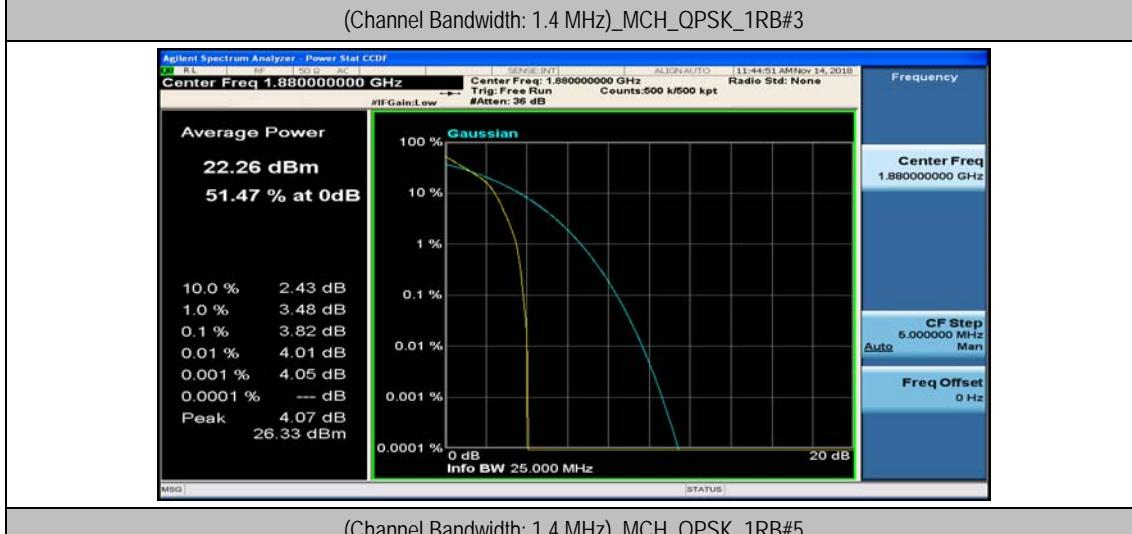
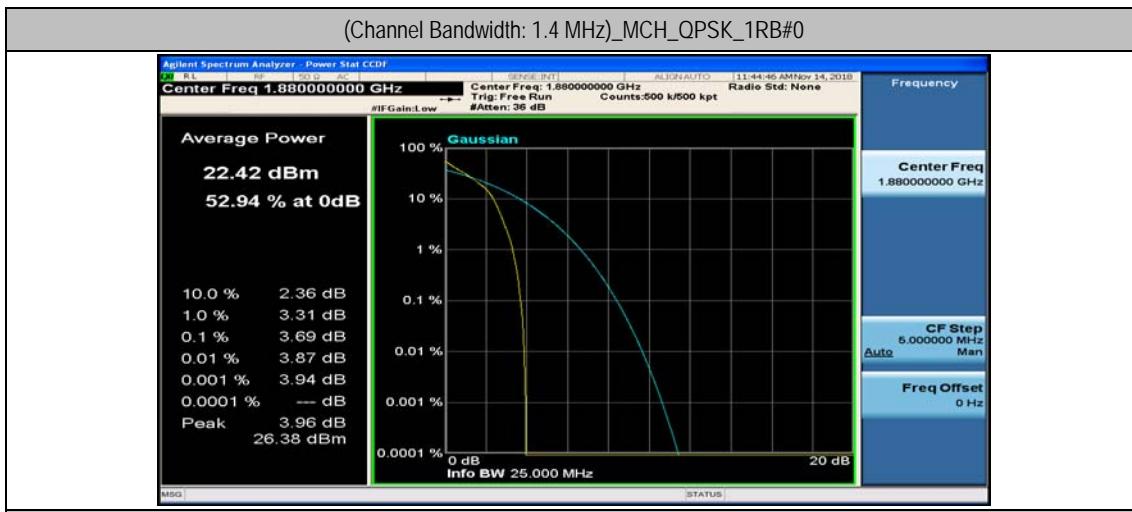
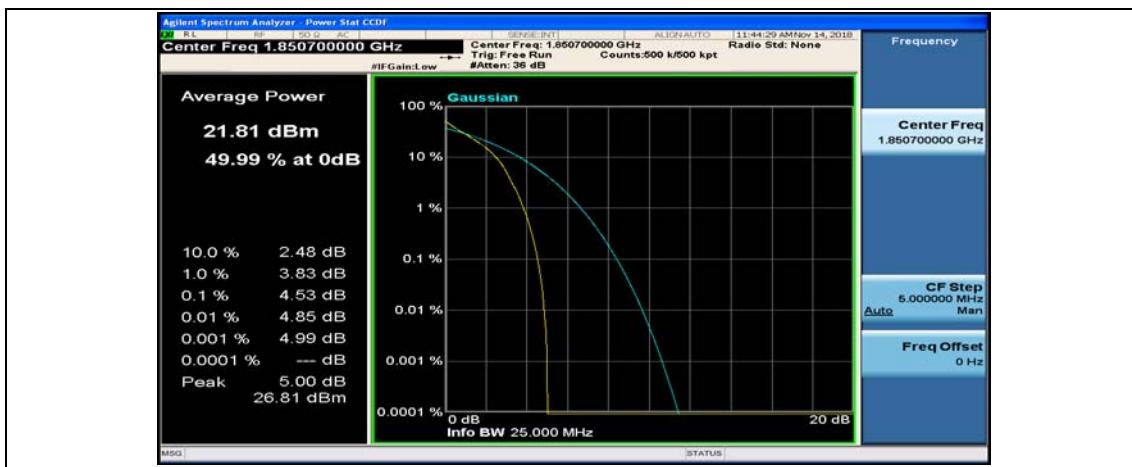
		50	0	4.82	<13	PASS
		50	25	4.47	<13	PASS
		50	50	4.35	<13	PASS
		100	0	4.85	<13	PASS
	MCH	1	0	3.44	<13	PASS
		1	49	4.03	<13	PASS
		1	99	3.57	<13	PASS
		50	0	4.79	<13	PASS
	HCH	50	25	4.99	<13	PASS
		50	50	5.03	<13	PASS
		100	0	5.13	<13	PASS
		1	0	3.23	<13	PASS
		1	49	3.76	<13	PASS
		1	99	3.43	<13	PASS
		50	0	4.44	<13	PASS
		50	25	4.70	<13	PASS
	LCH	50	50	4.96	<13	PASS
		100	0	4.98	<13	PASS
		1	0	4.60	<13	PASS
		1	49	4.14	<13	PASS
		1	99	4.17	<13	PASS
		50	0	5.64	<13	PASS
		50	25	5.27	<13	PASS
		50	50	5.04	<13	PASS
	MCH	100	0	5.55	<13	PASS
		1	0	4.28	<13	PASS
		1	49	4.77	<13	PASS
		1	99	4.31	<13	PASS
		50	0	5.50	<13	PASS
		50	25	5.73	<13	PASS
		50	50	5.68	<13	PASS
		100	0	5.73	<13	PASS
	HCH	1	0	4.15	<13	PASS
		1	49	4.66	<13	PASS
		1	99	4.46	<13	PASS
		50	0	5.14	<13	PASS
		50	25	5.42	<13	PASS
		50	50	5.68	<13	PASS
		100	0	5.66	<13	PASS

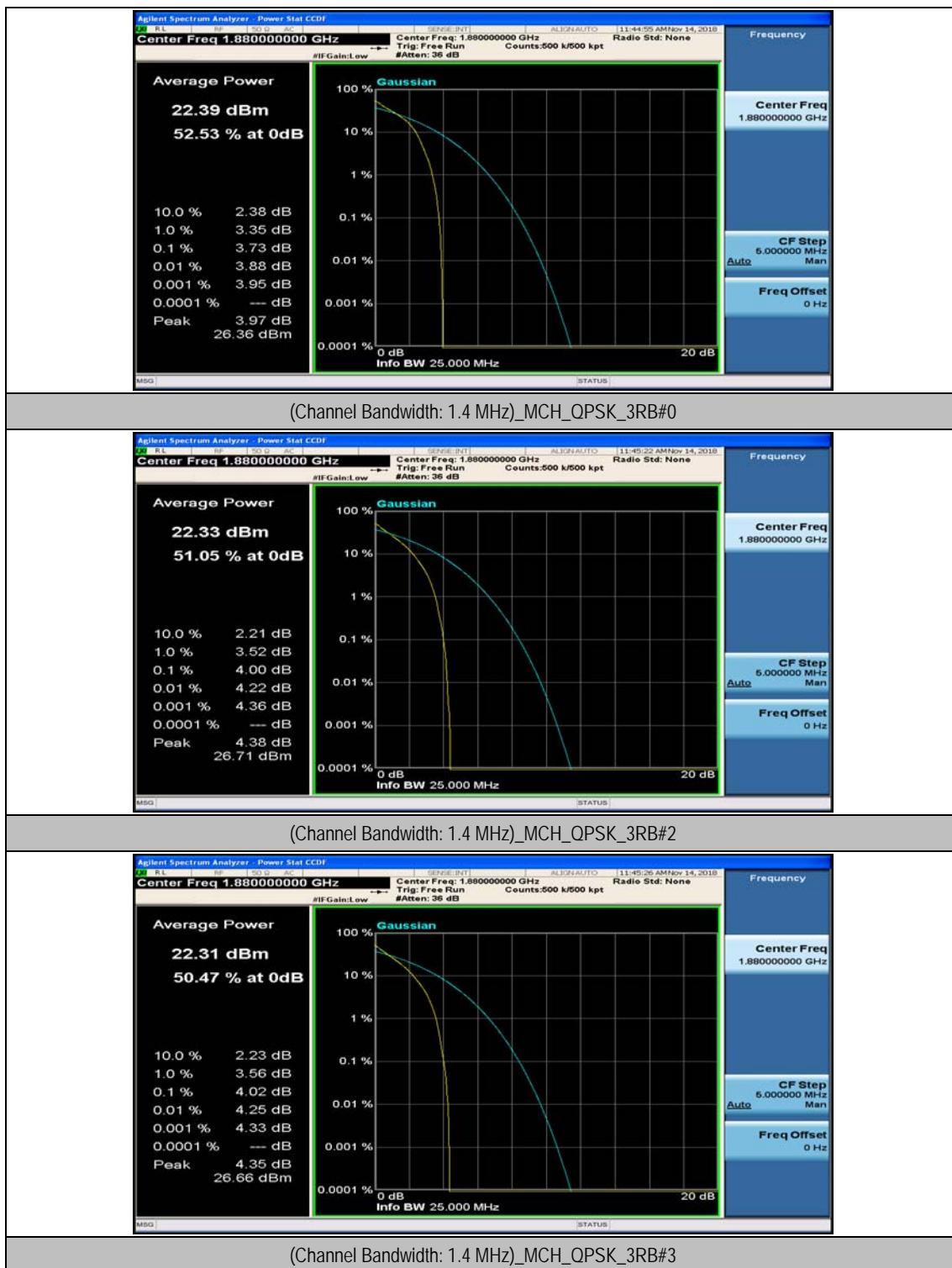
Test Graphs

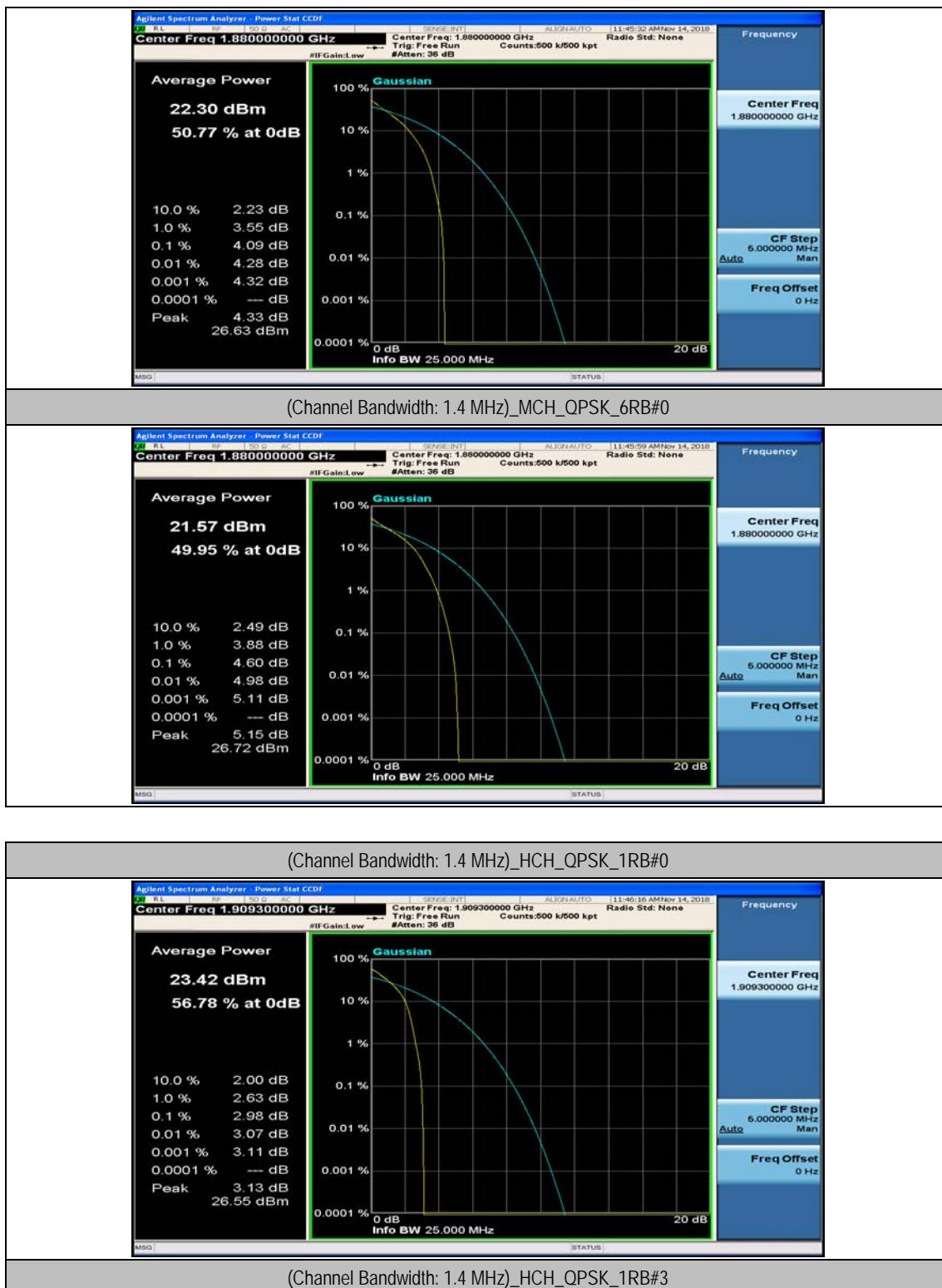
Channel Bandwidth: 1.4 MHz

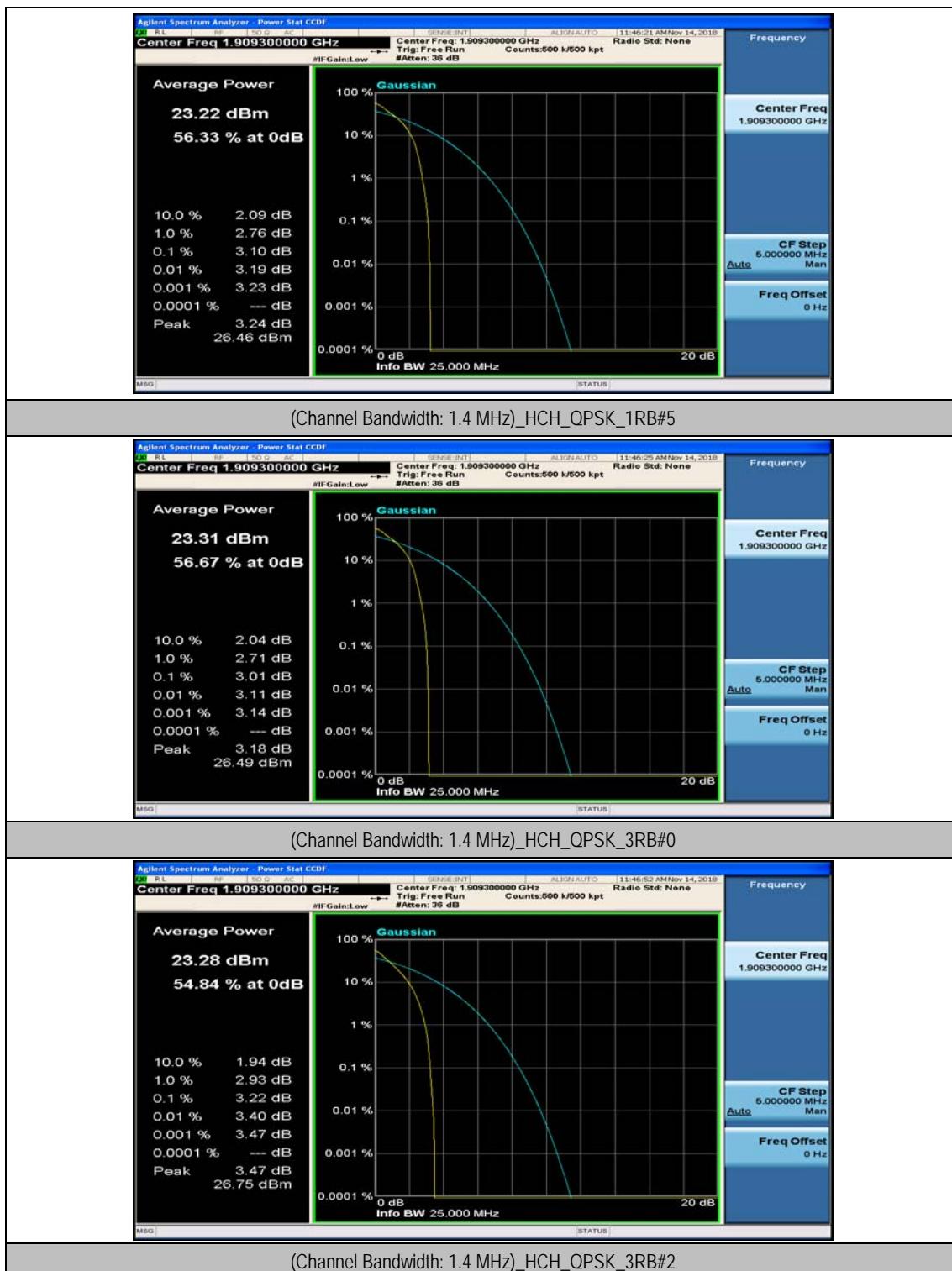


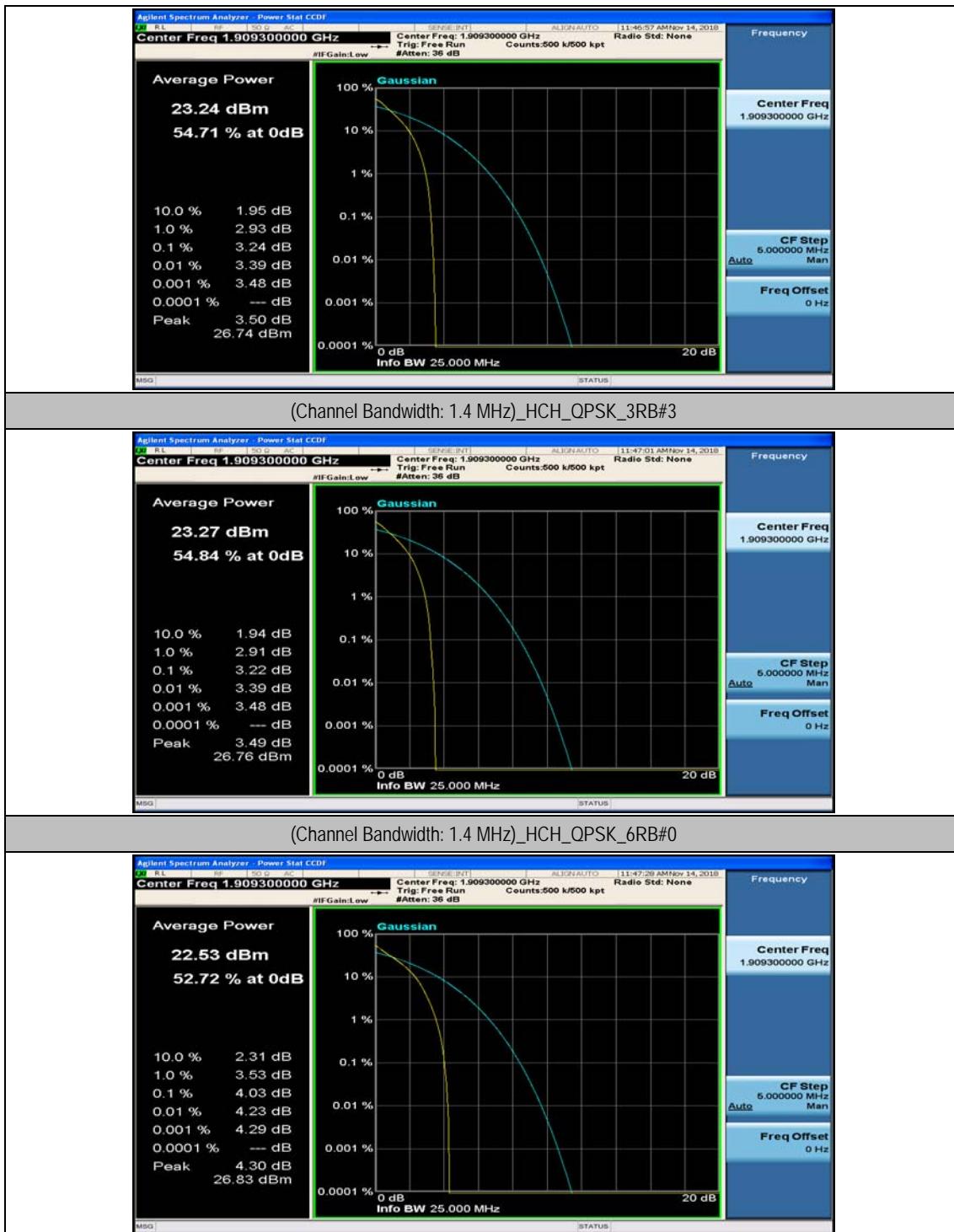


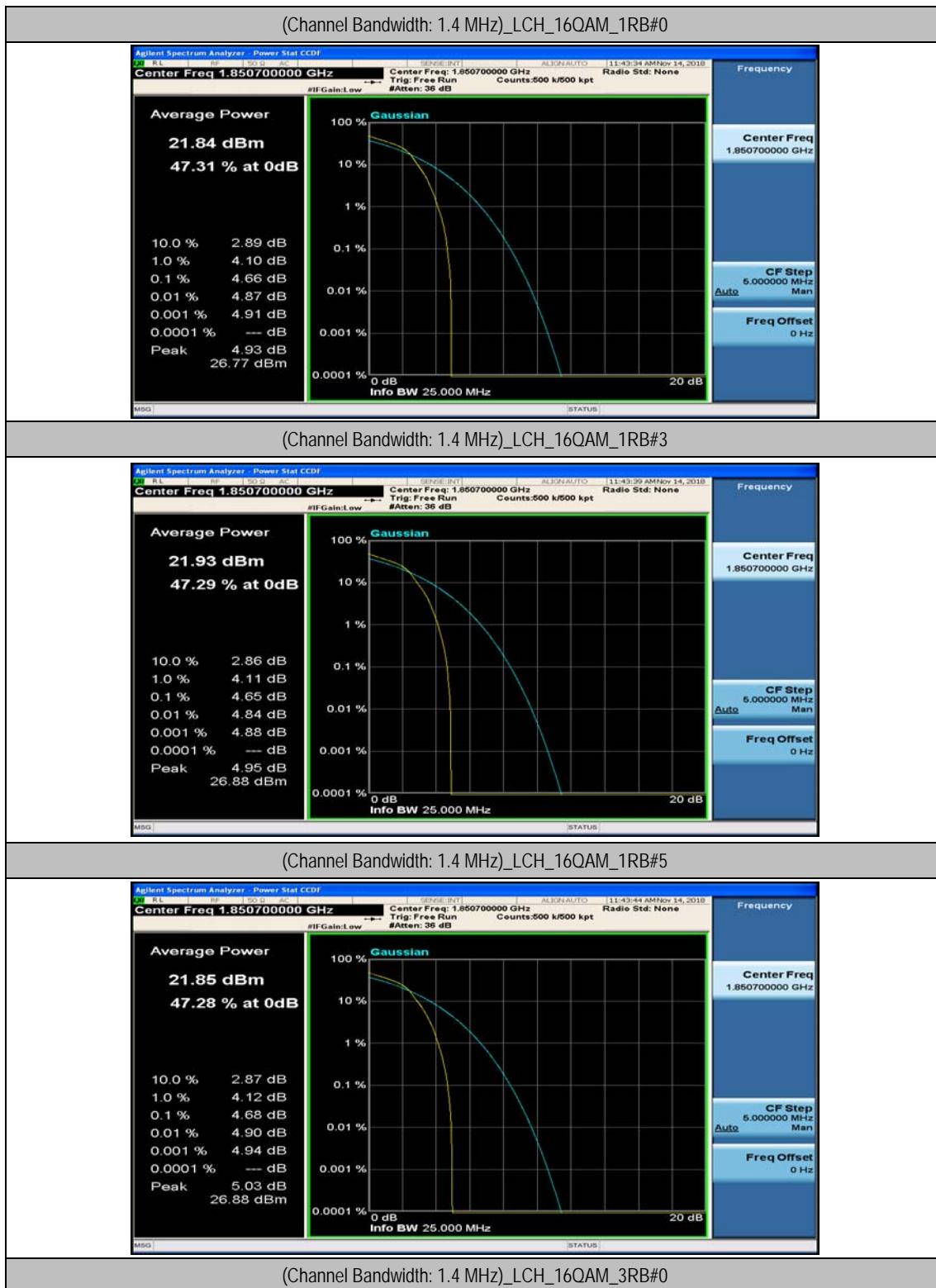


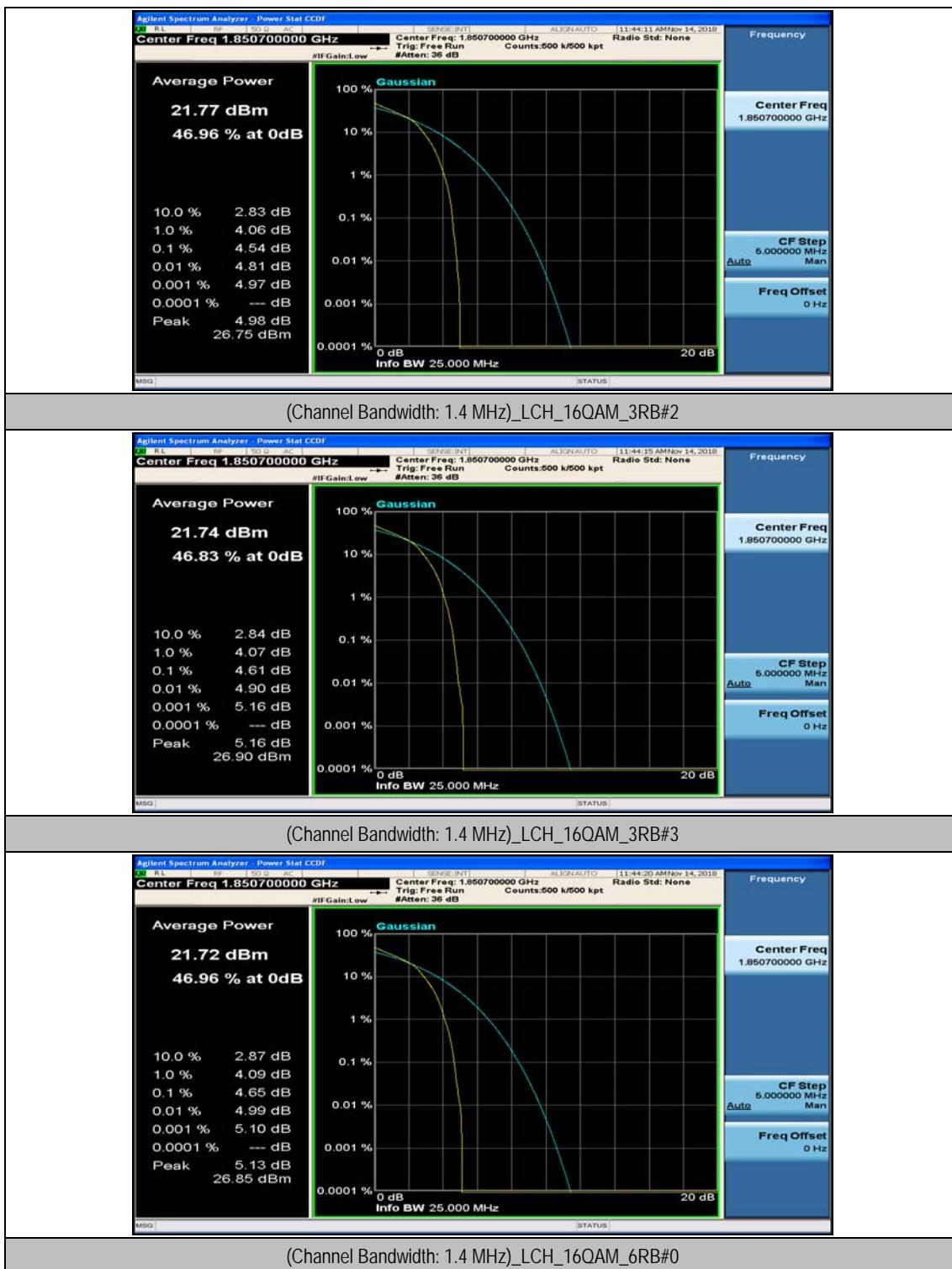


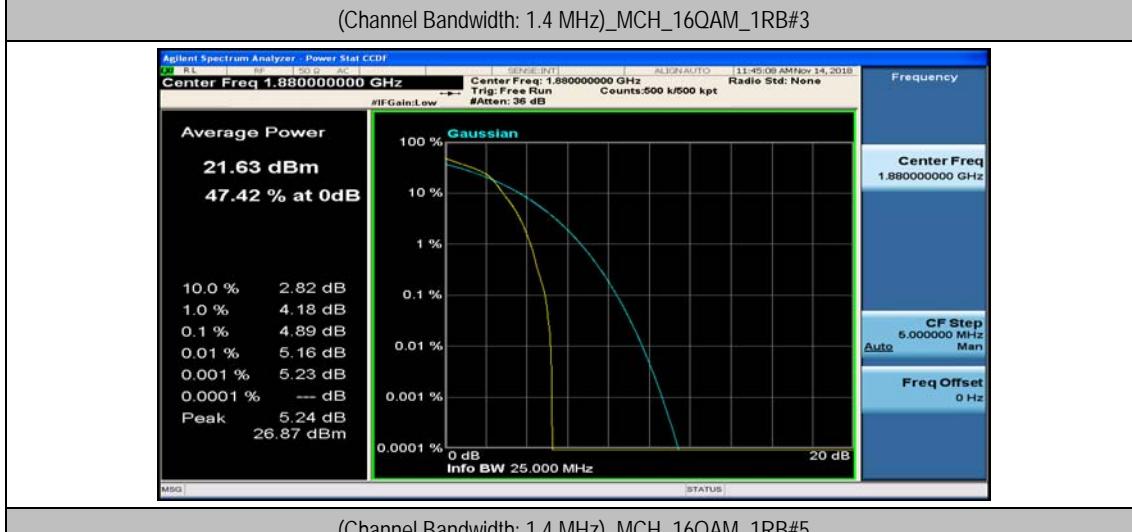
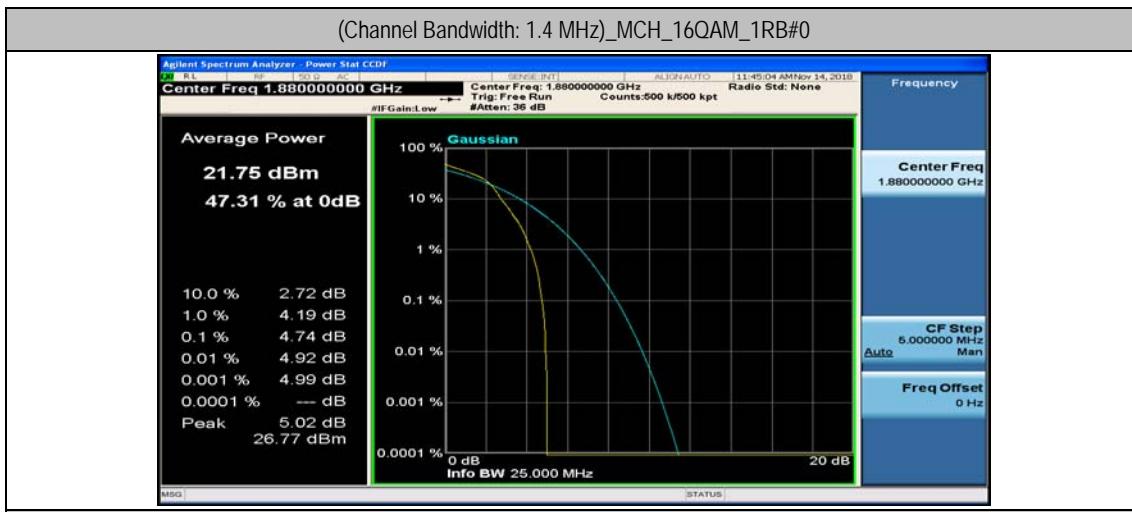
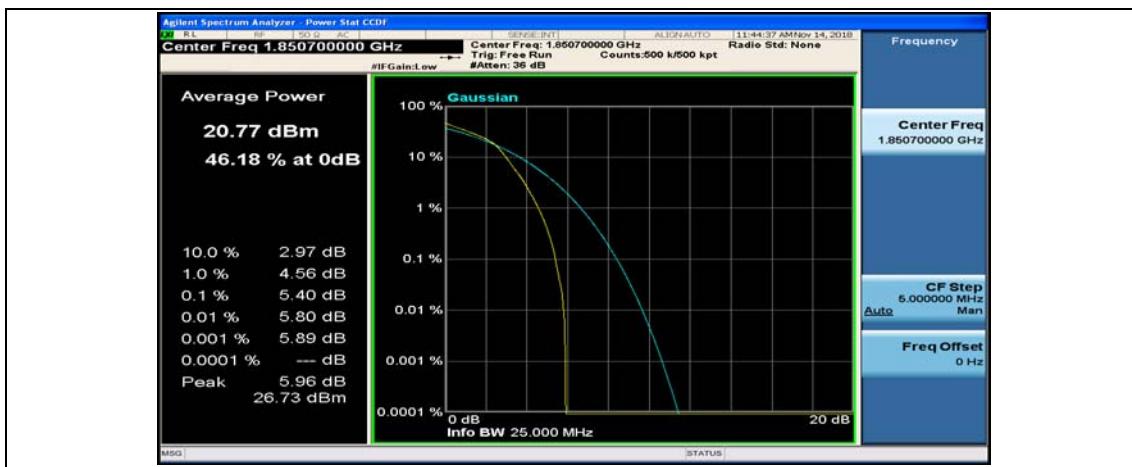


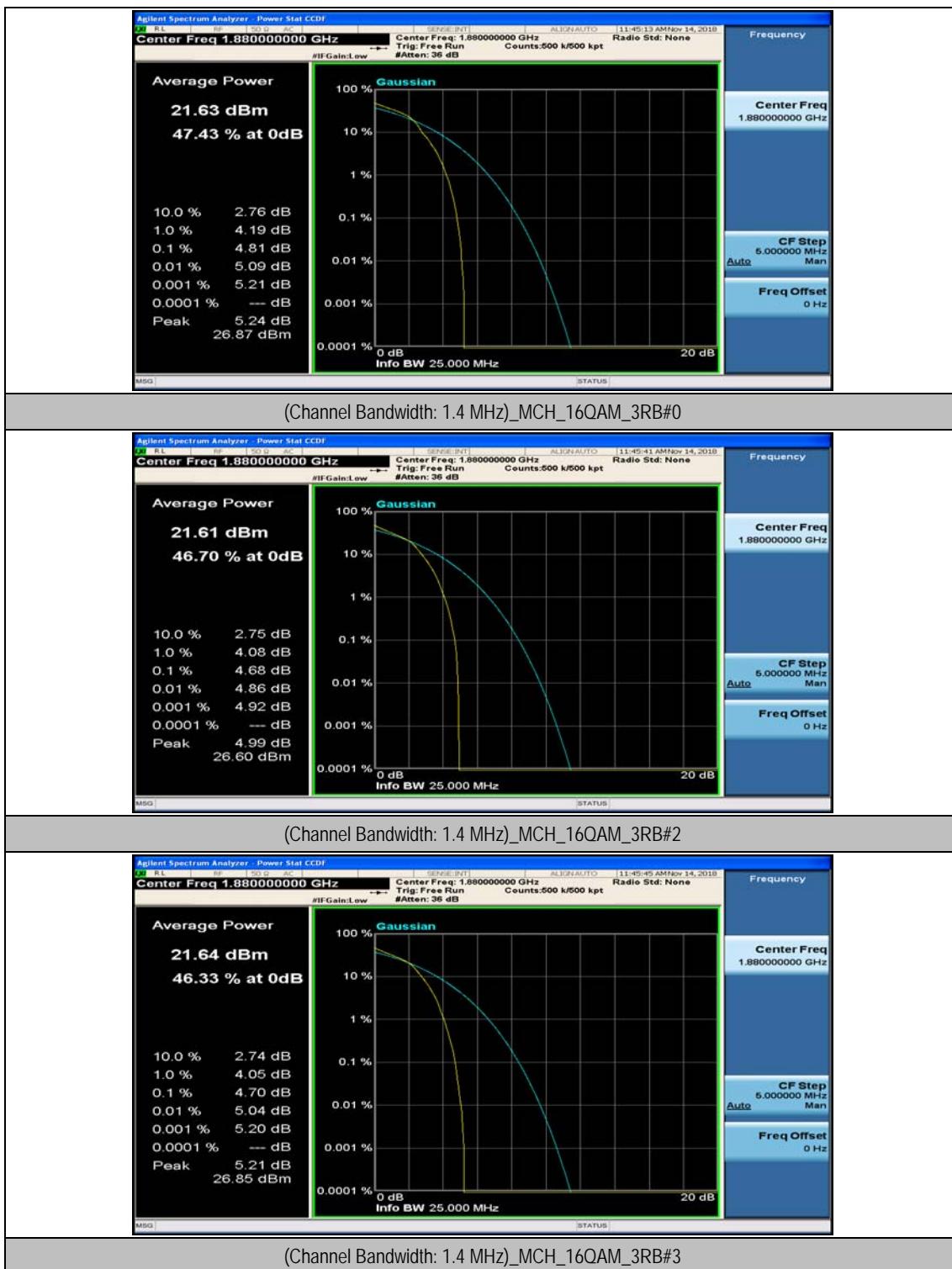


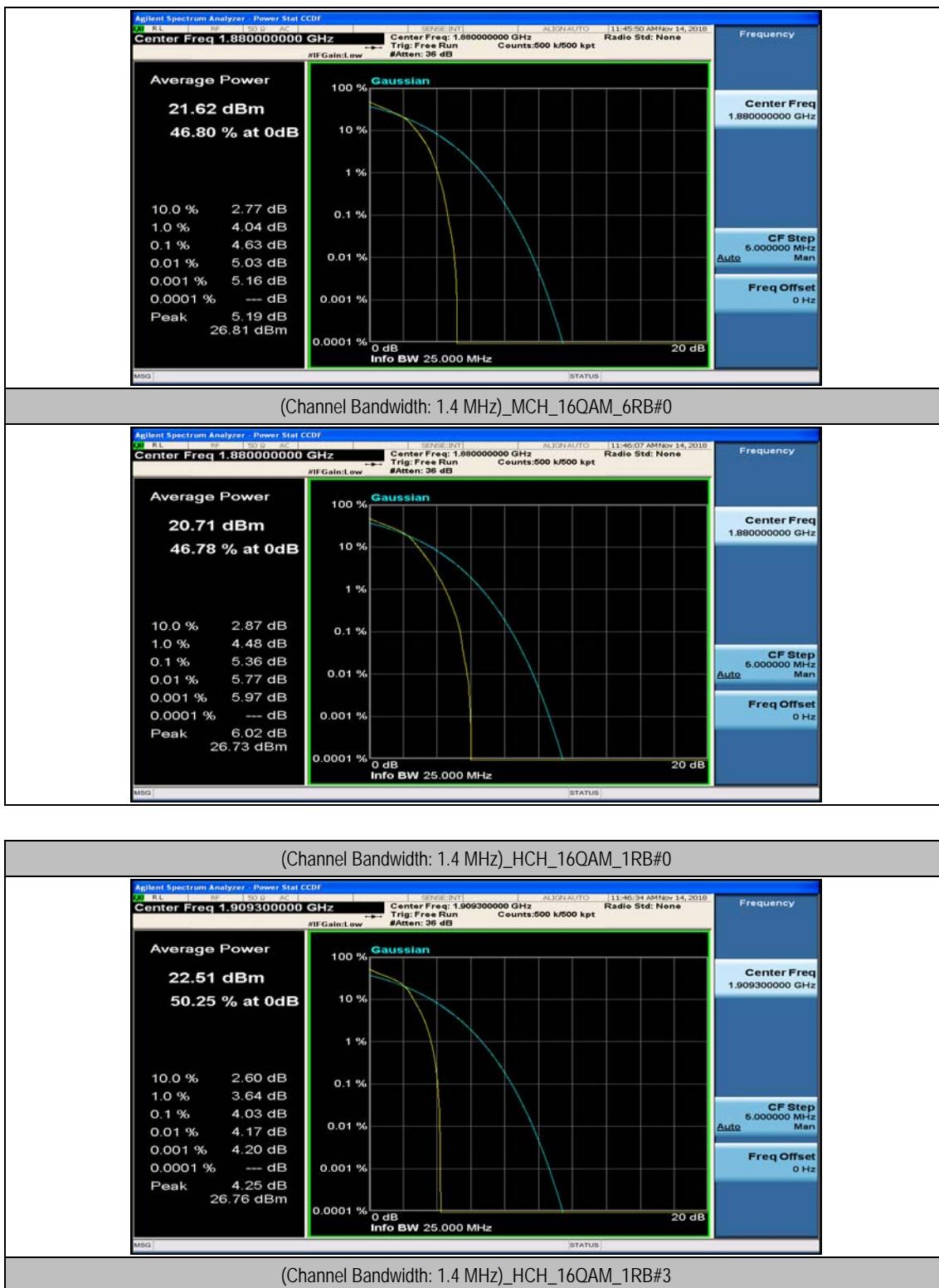


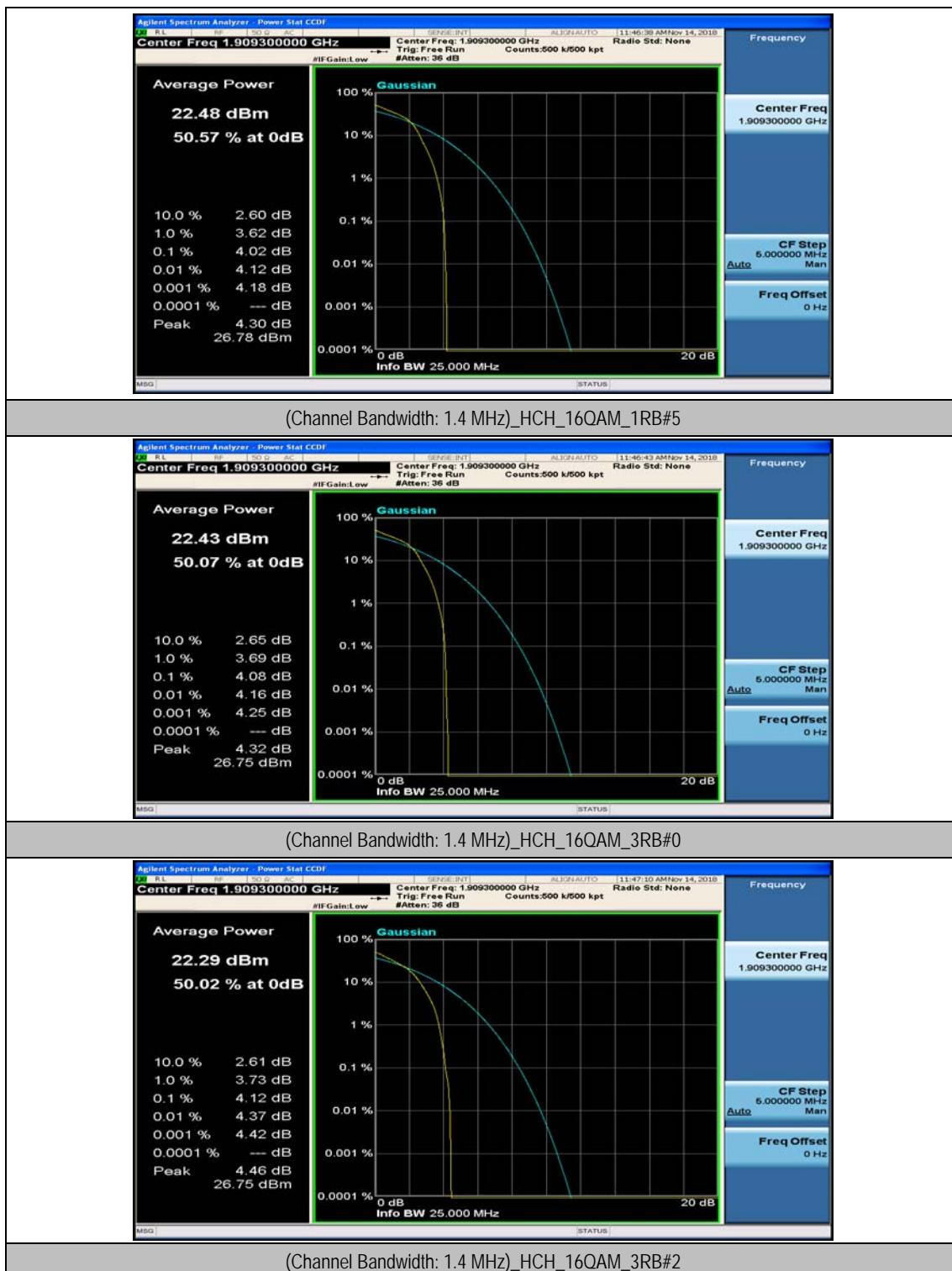


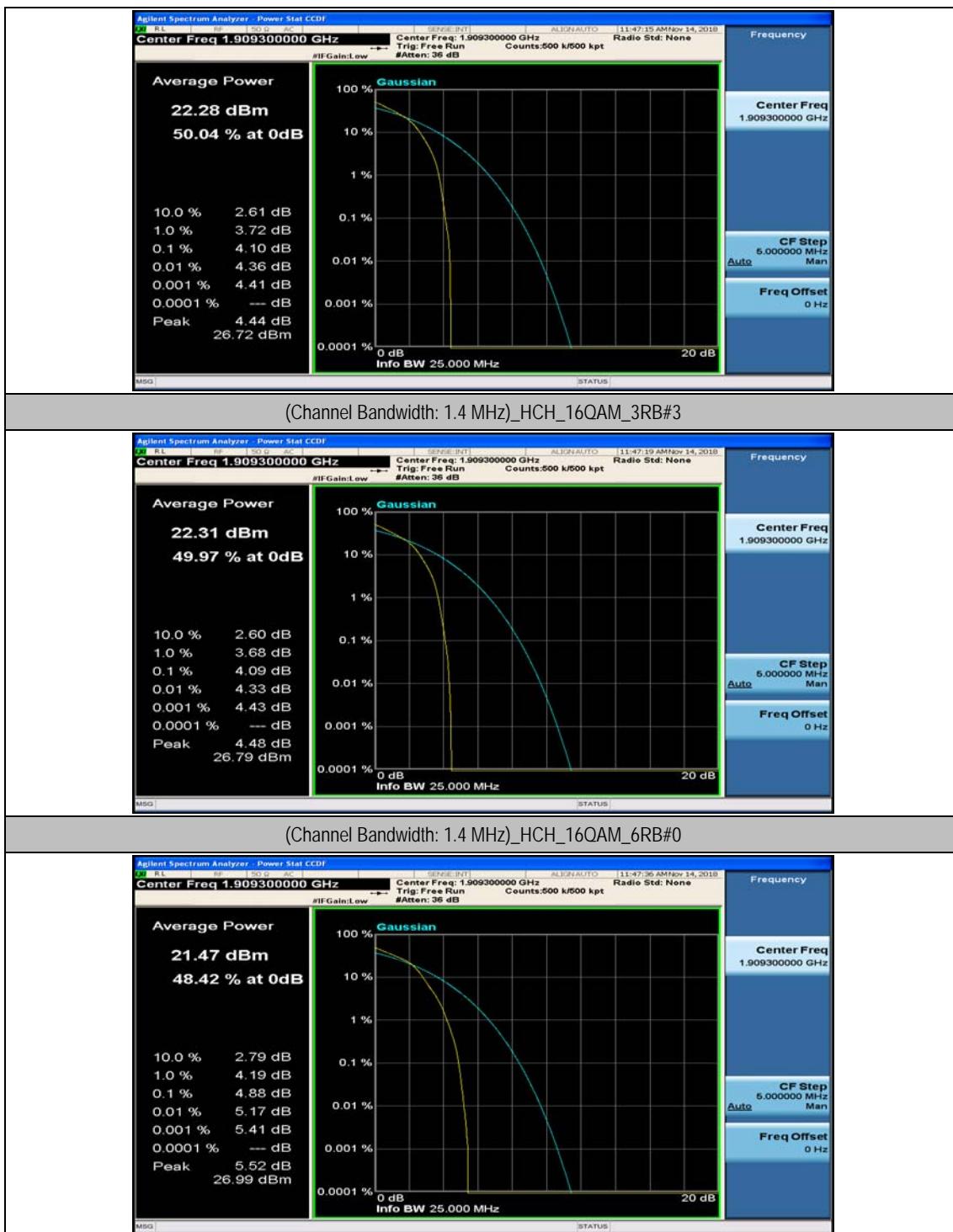




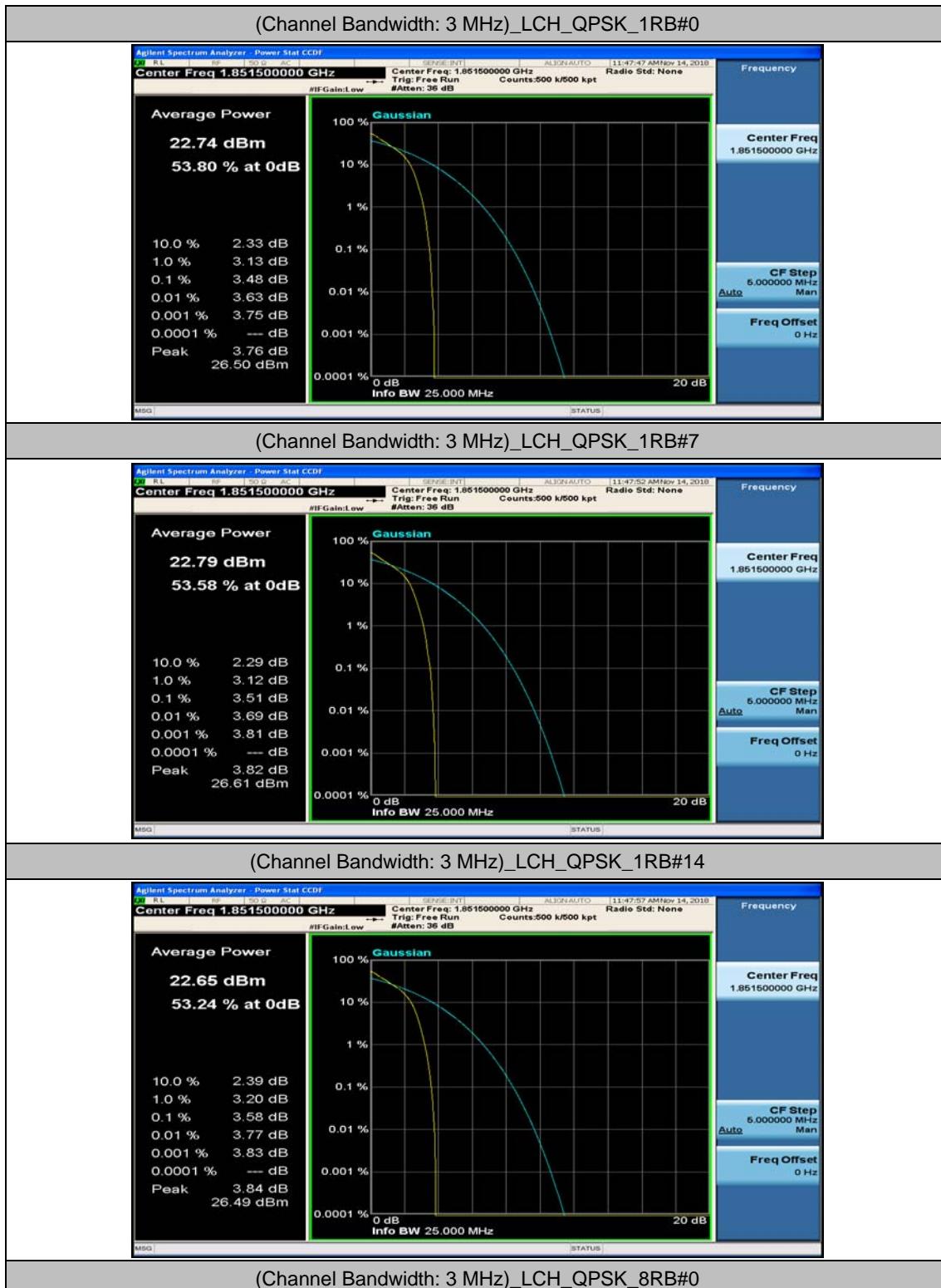


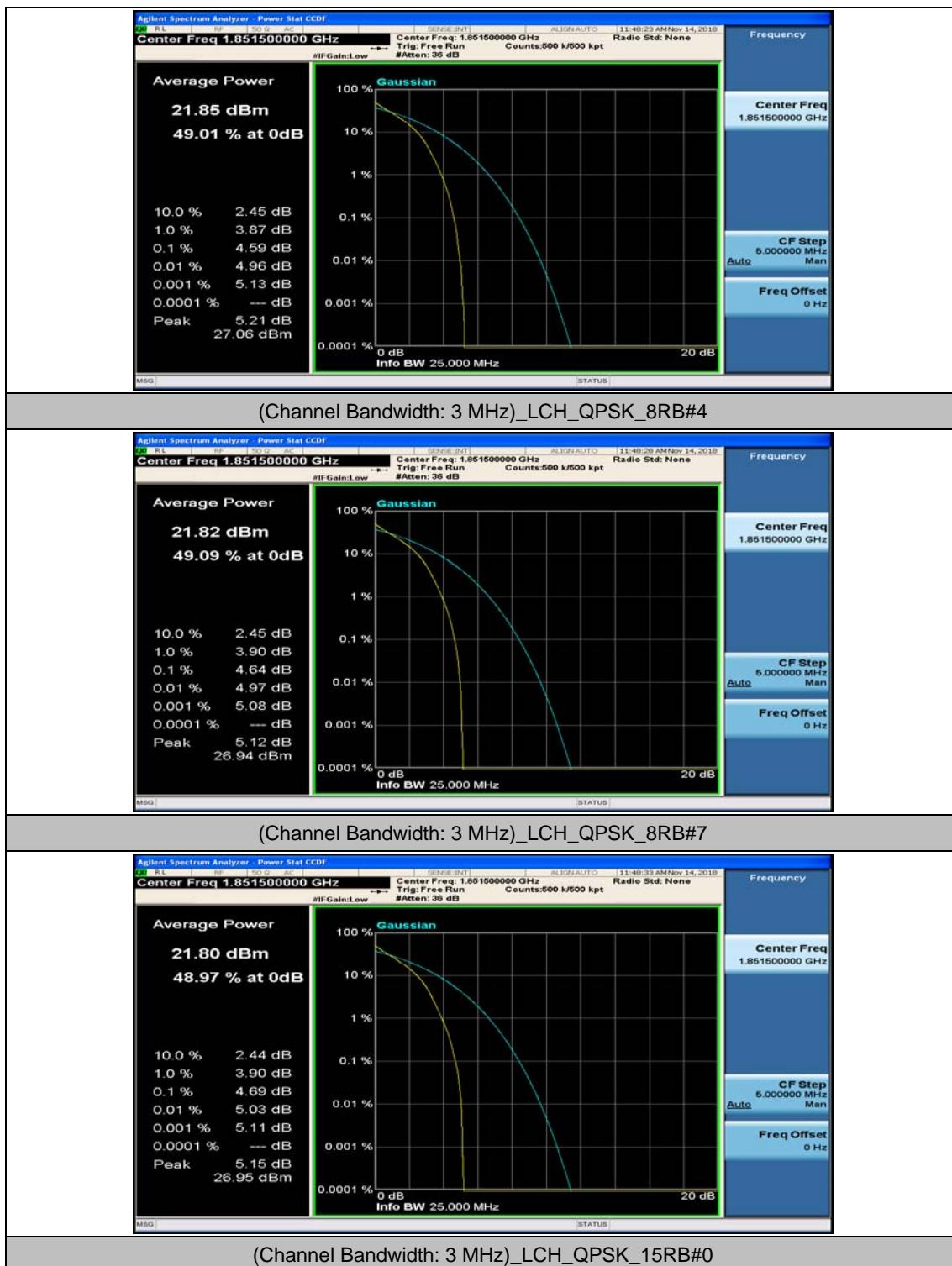


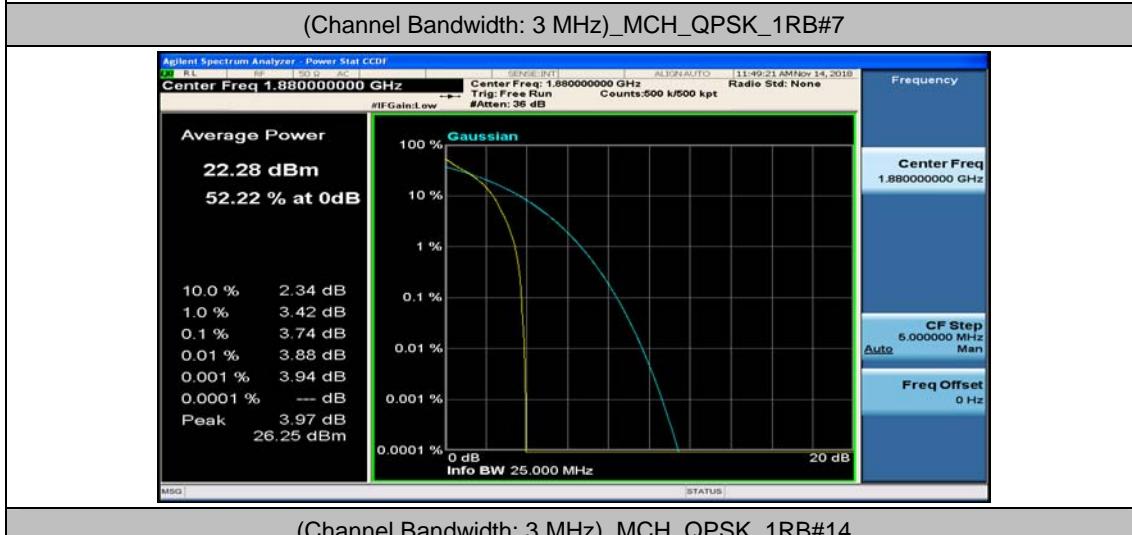
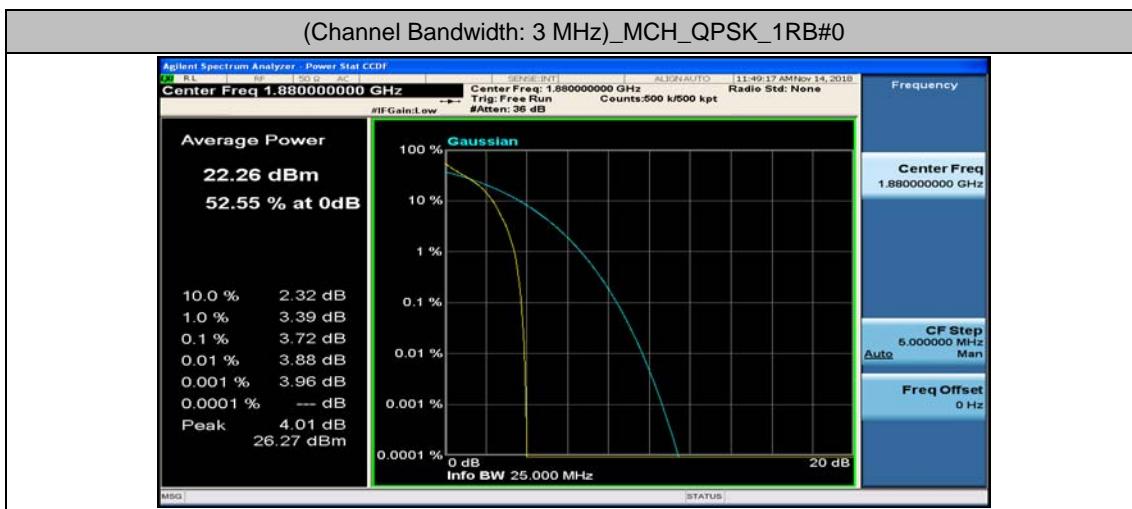
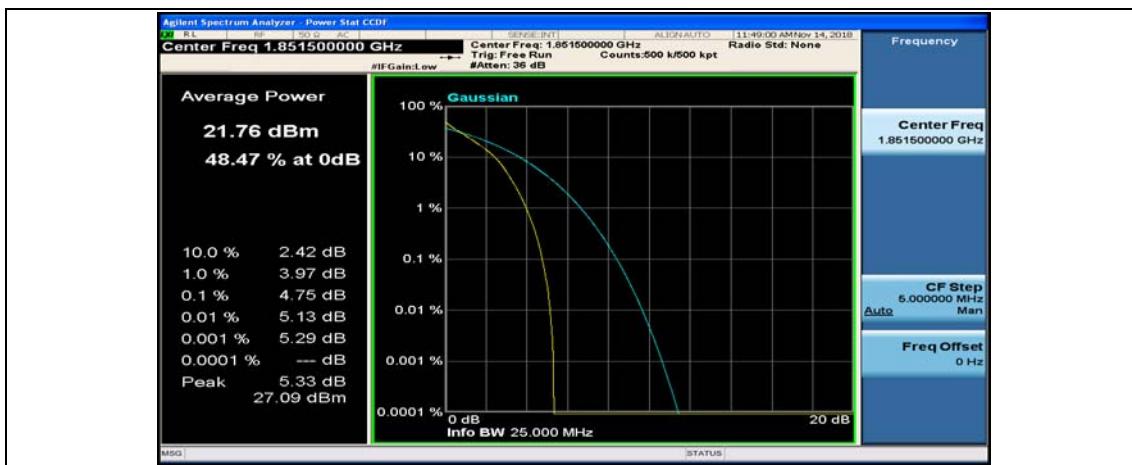




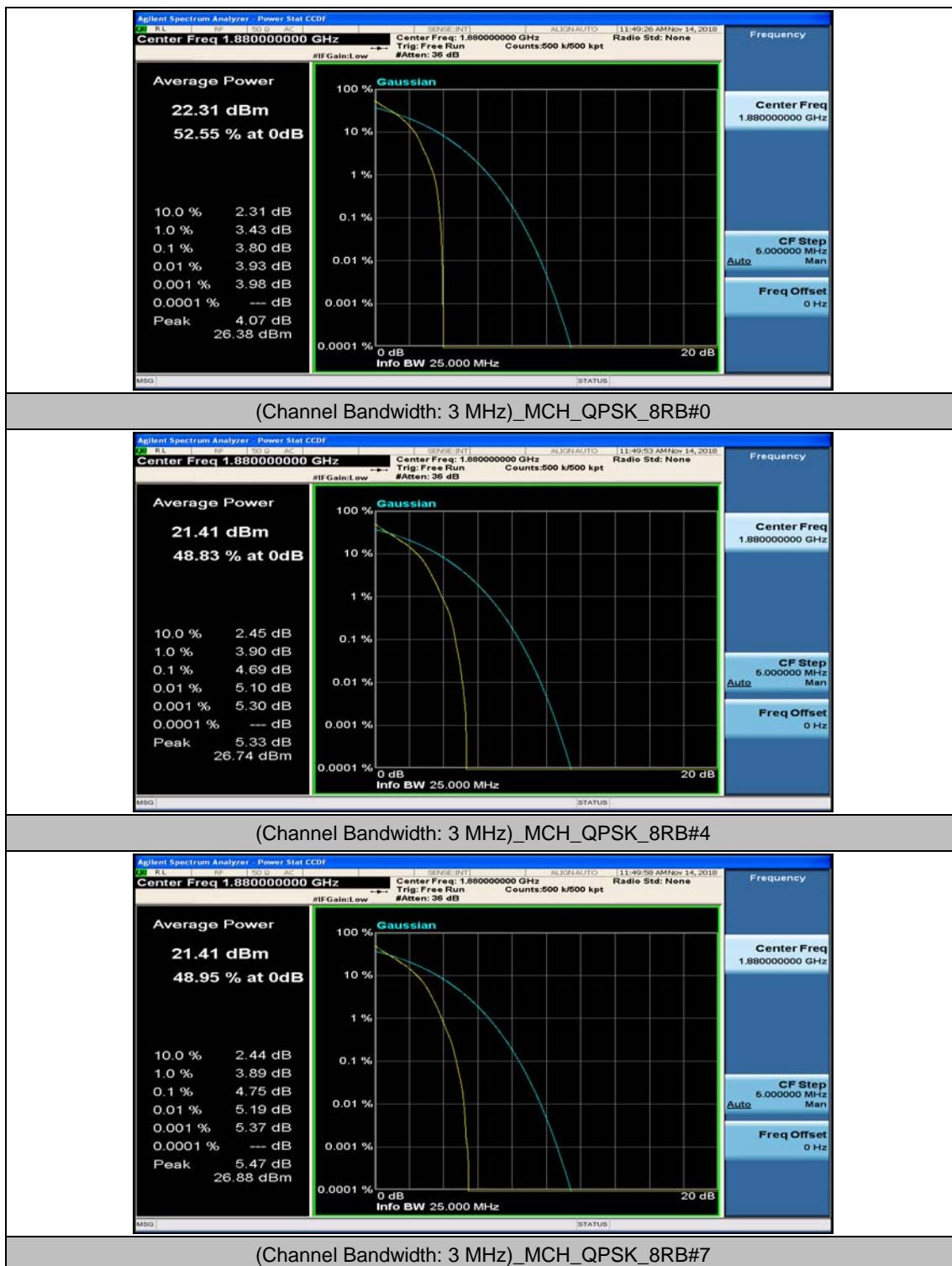
Channel Bandwidth: 3 MHz

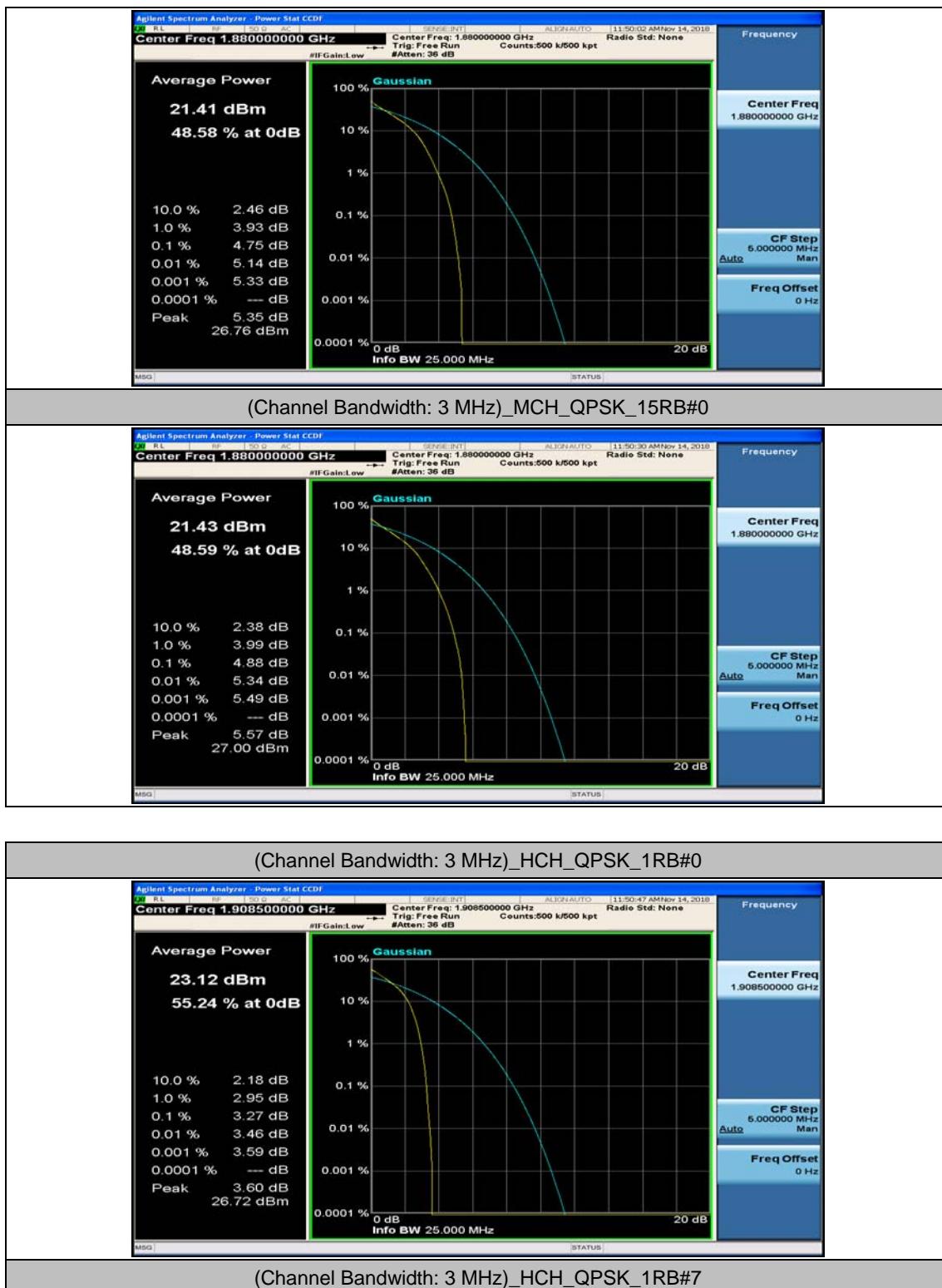


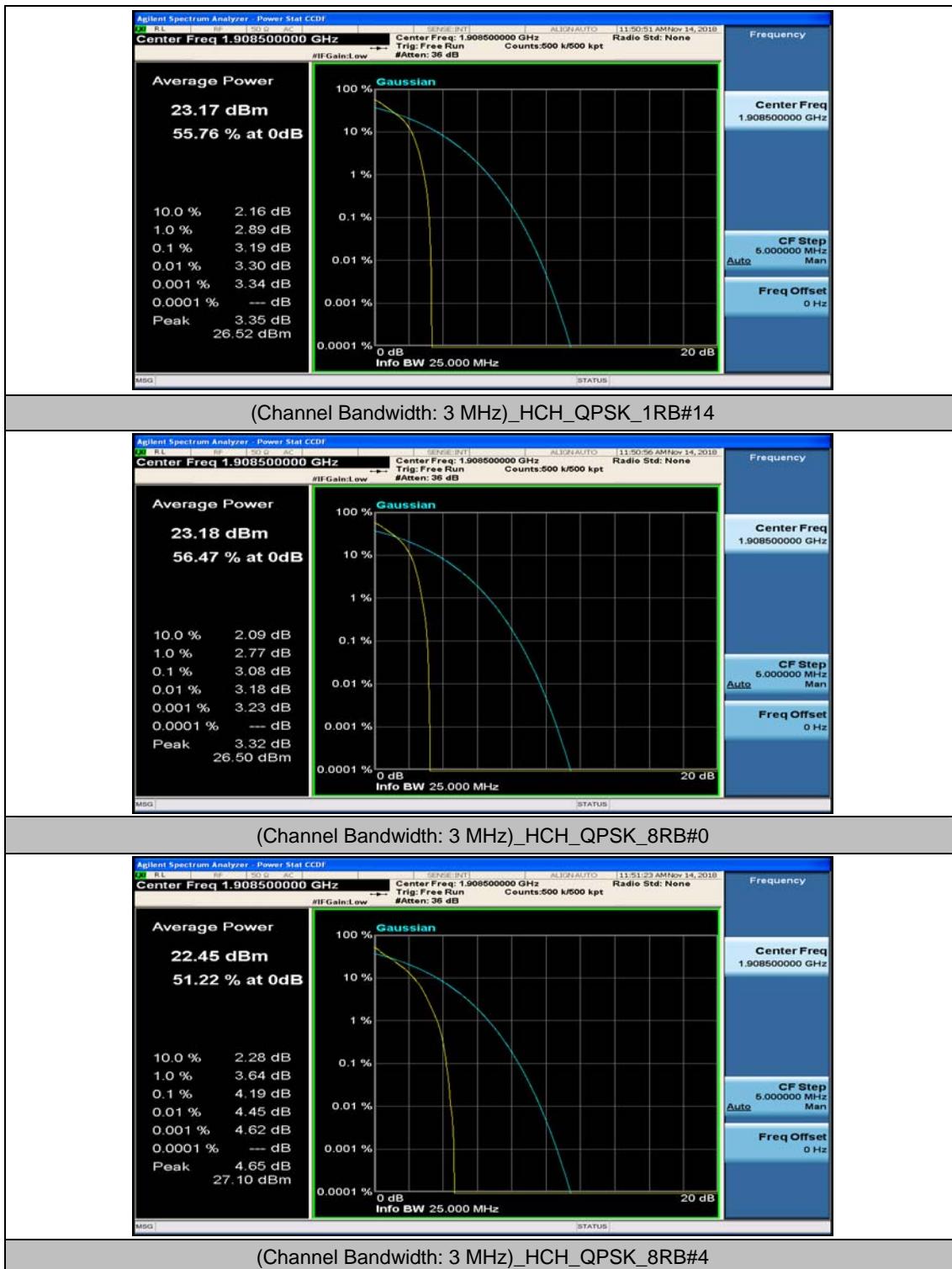


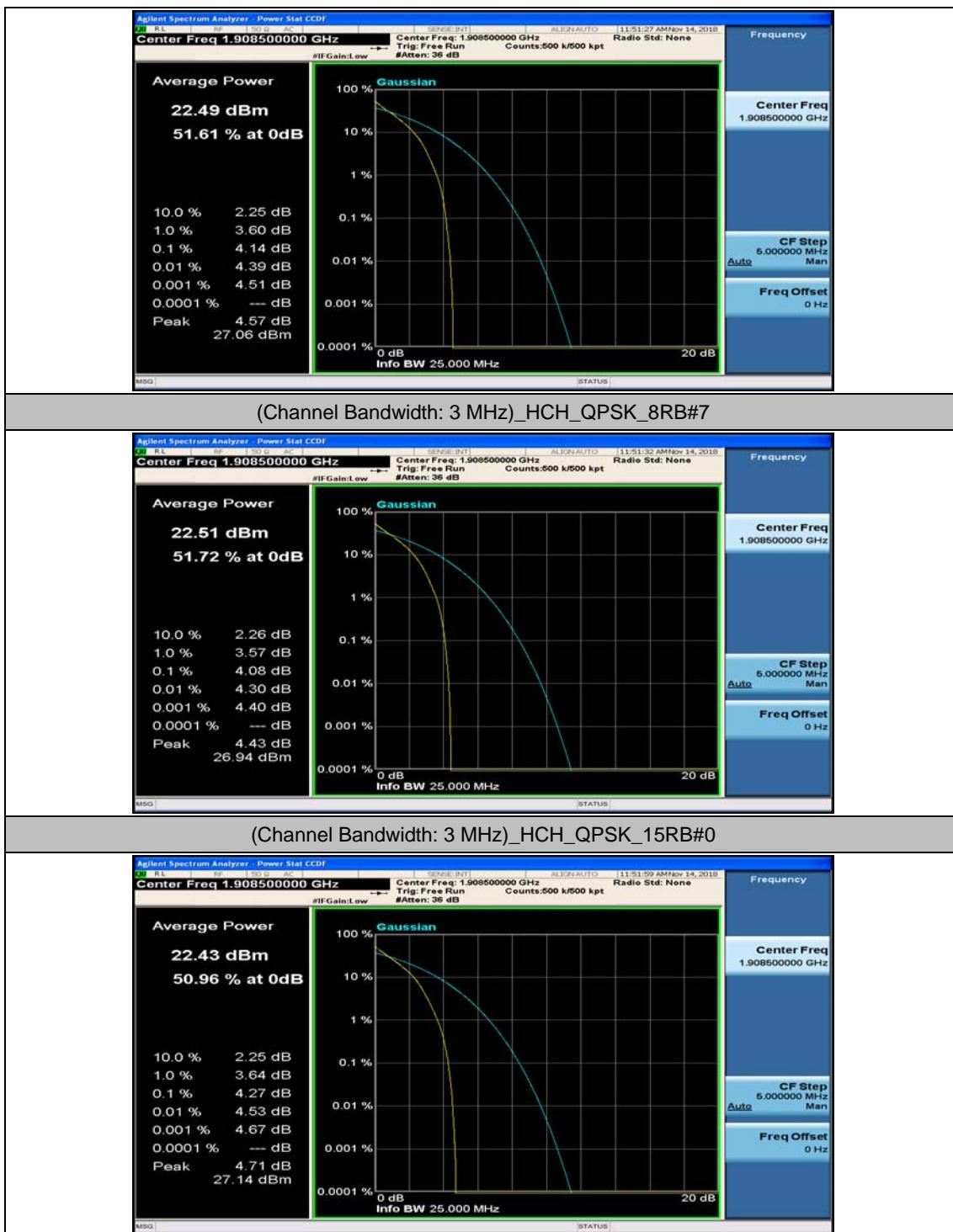


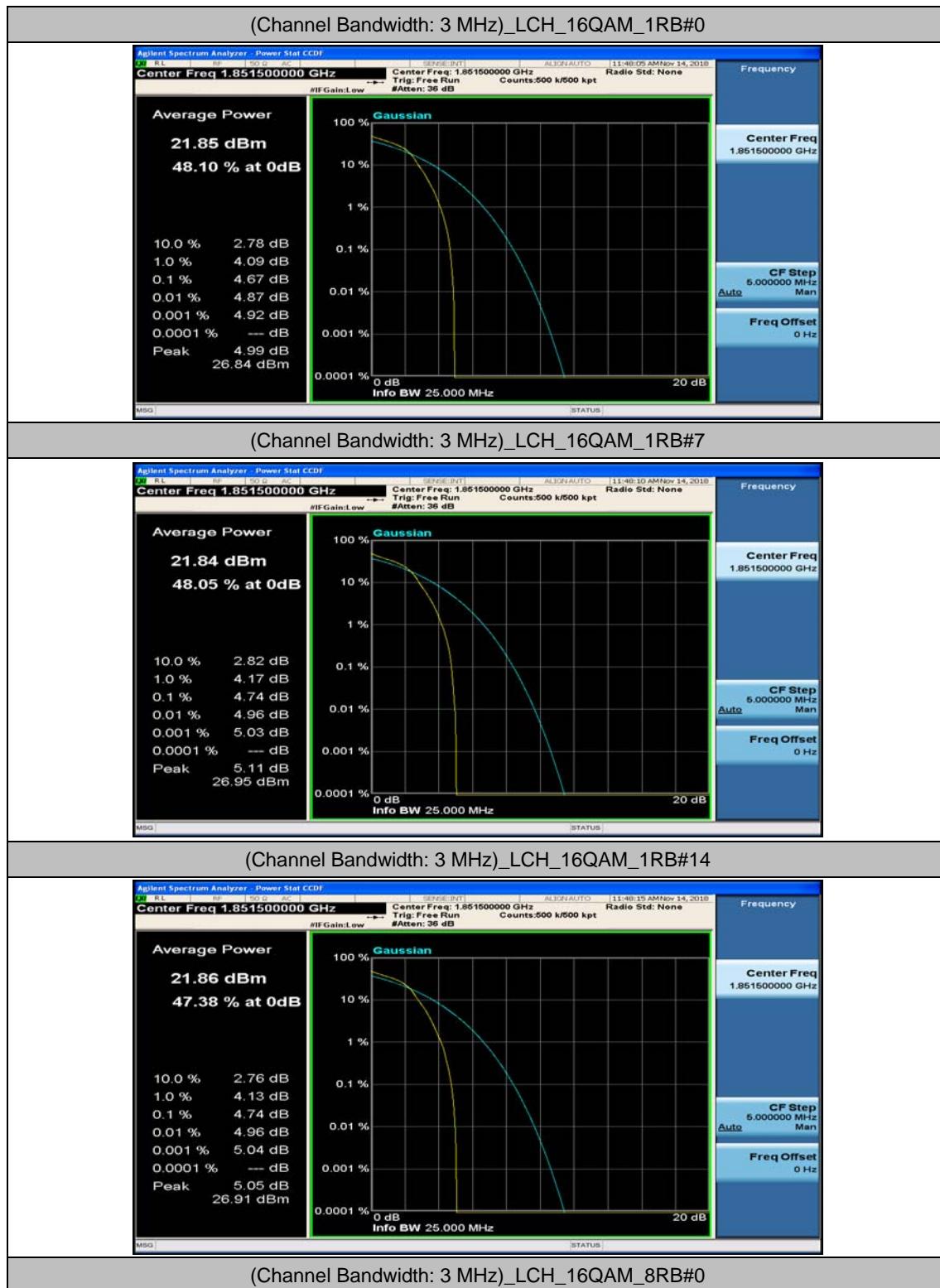
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14

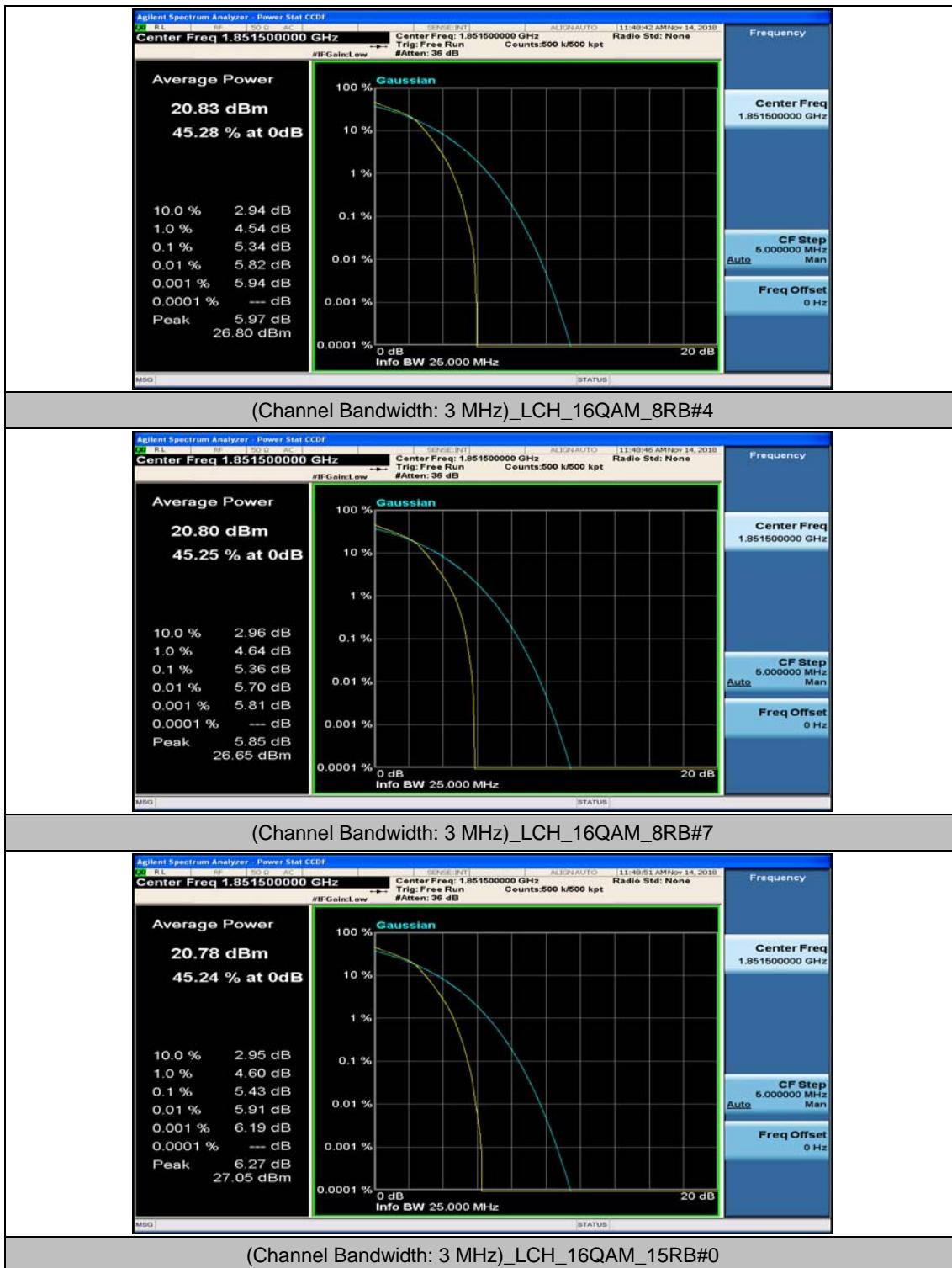


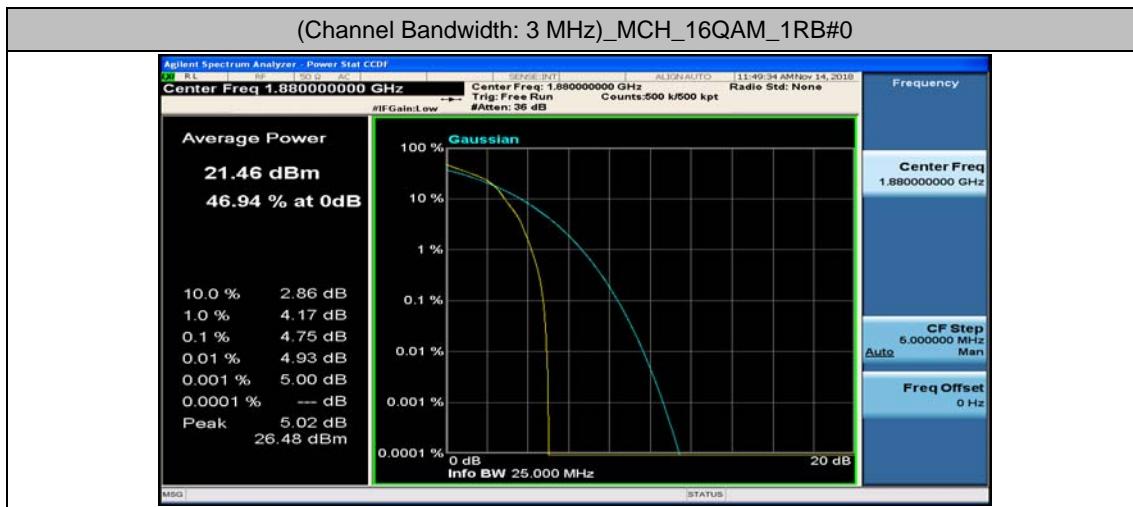
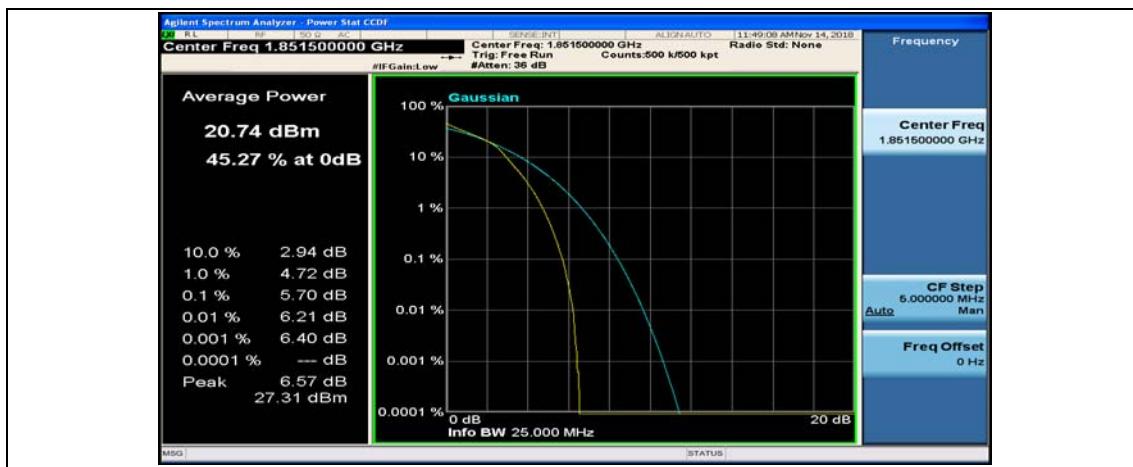




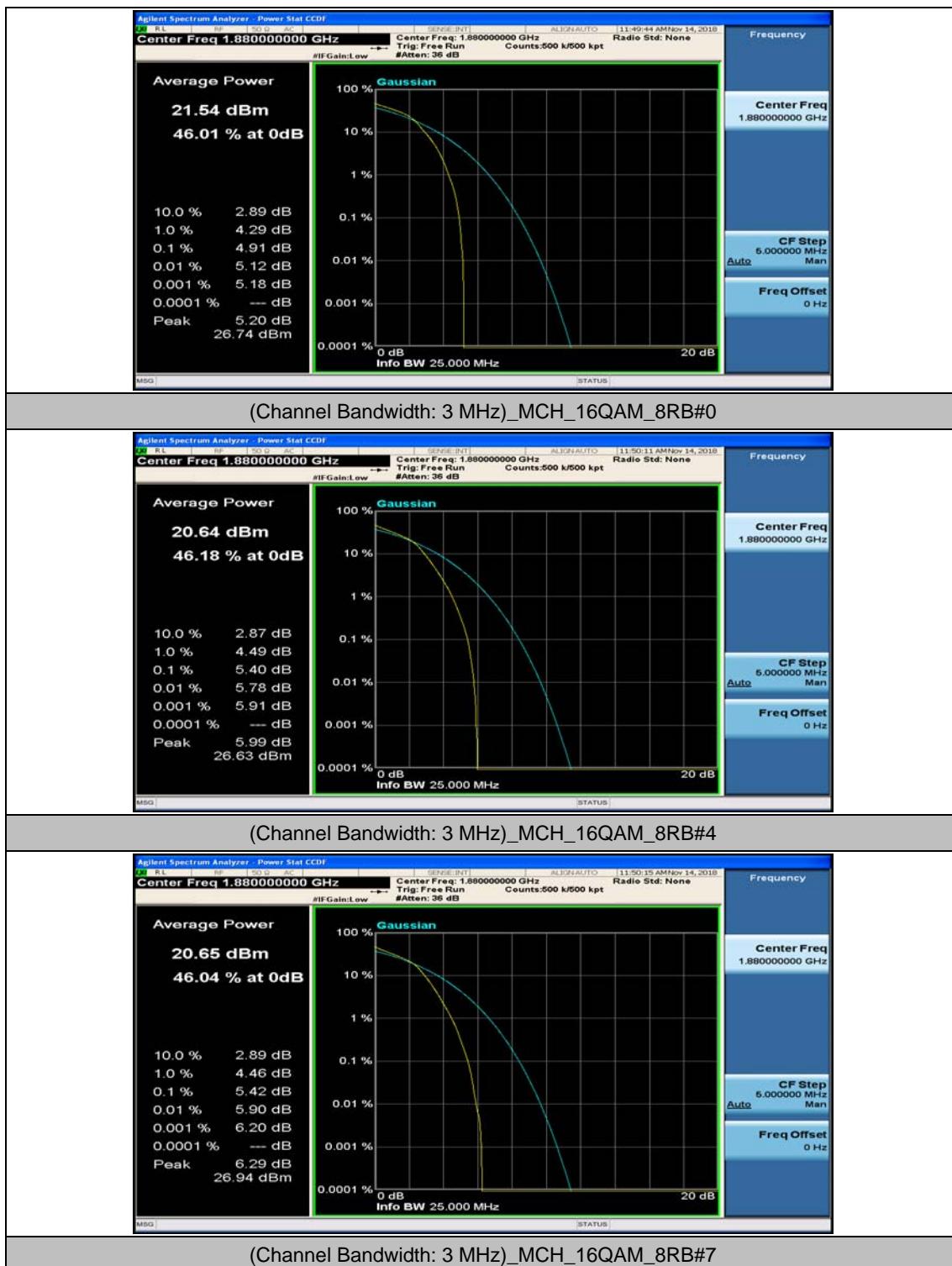


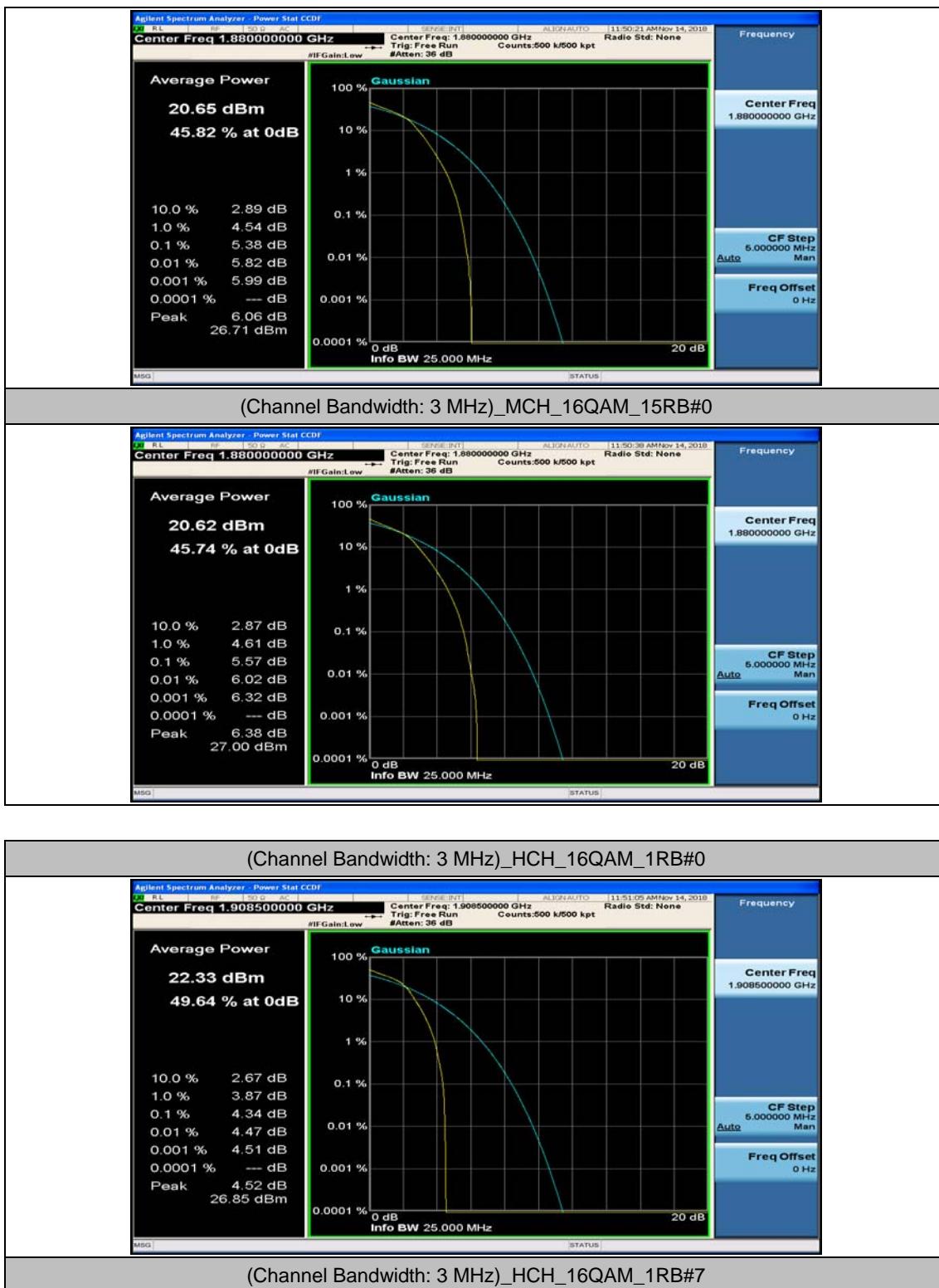


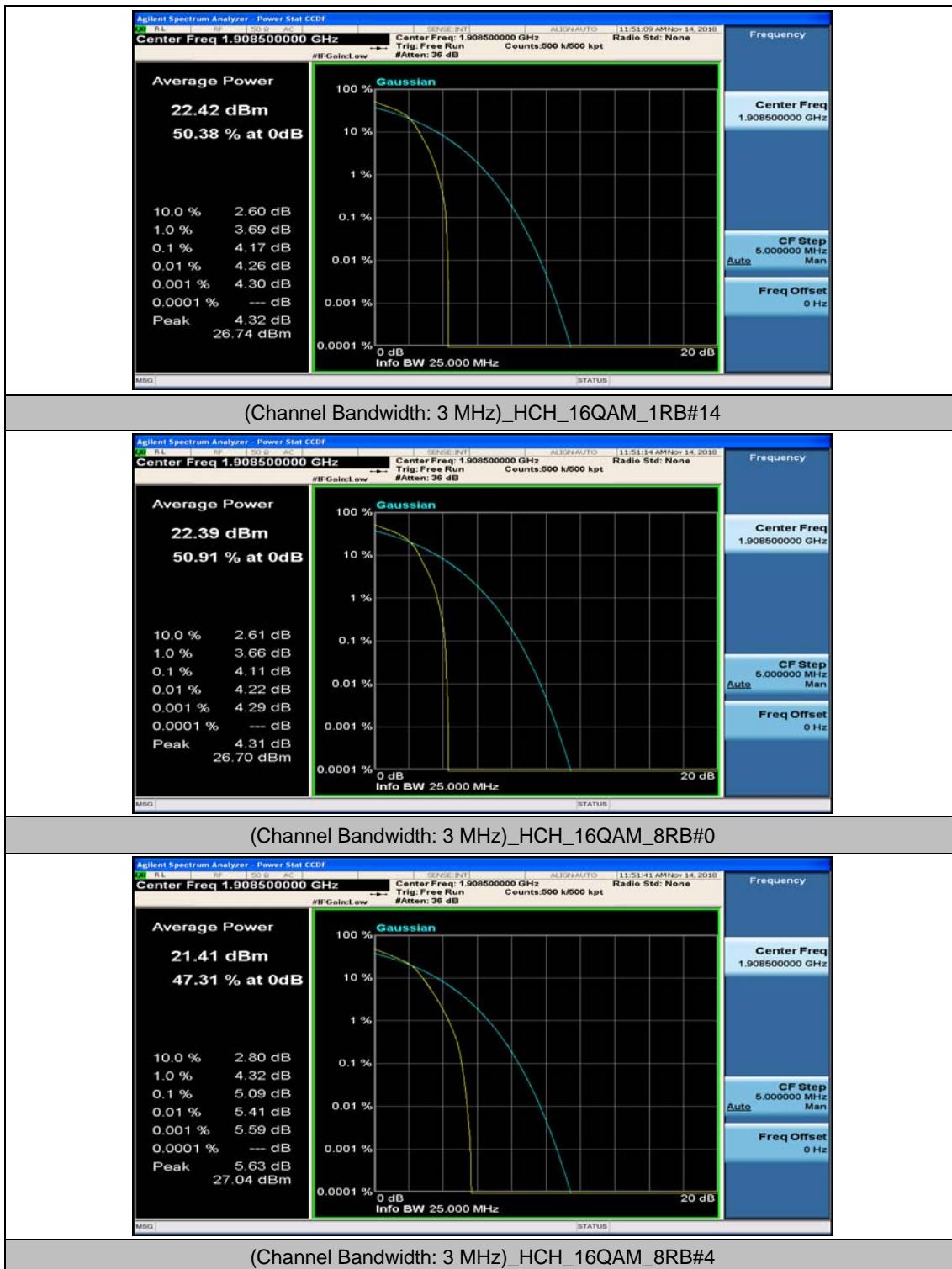


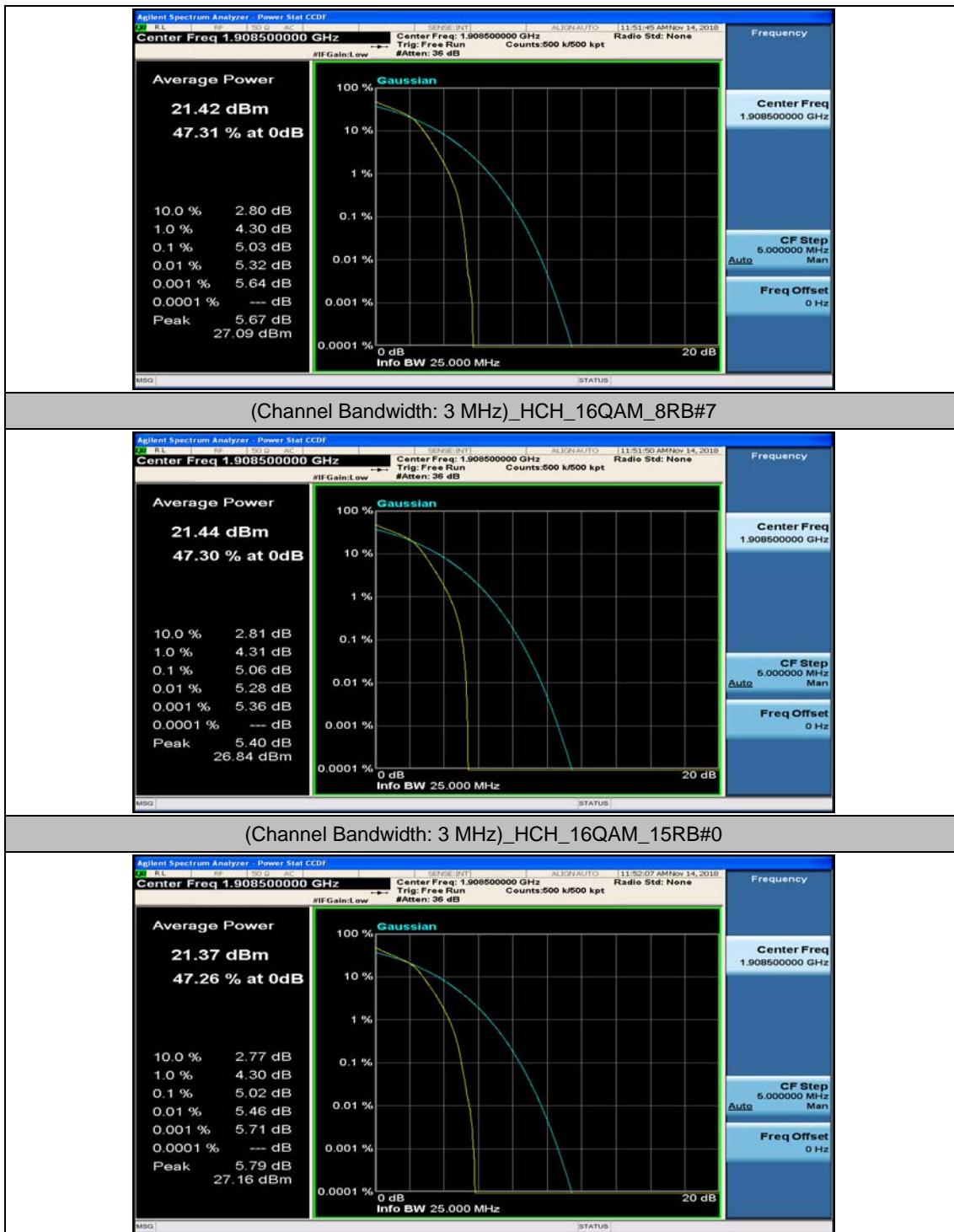


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14

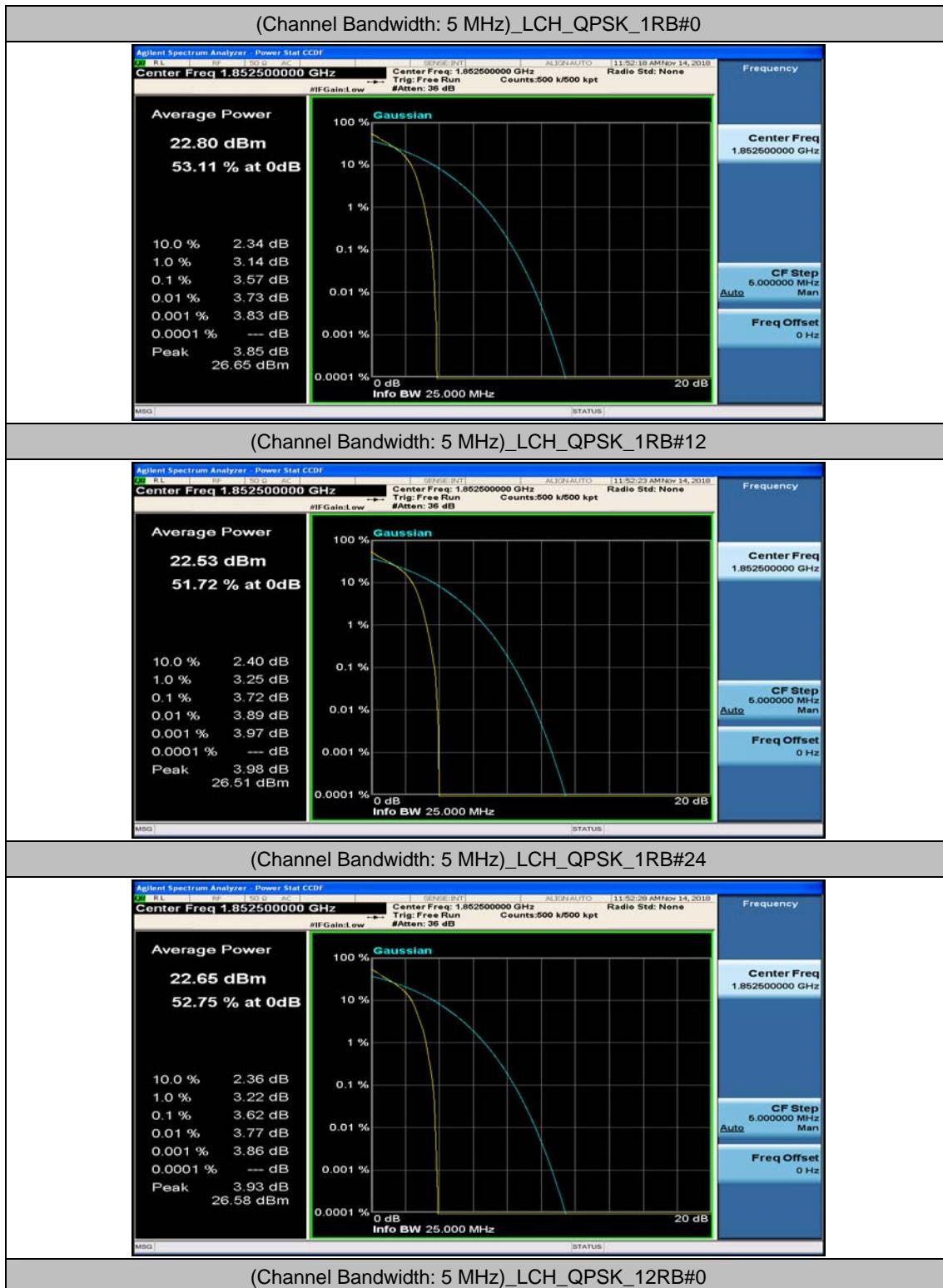


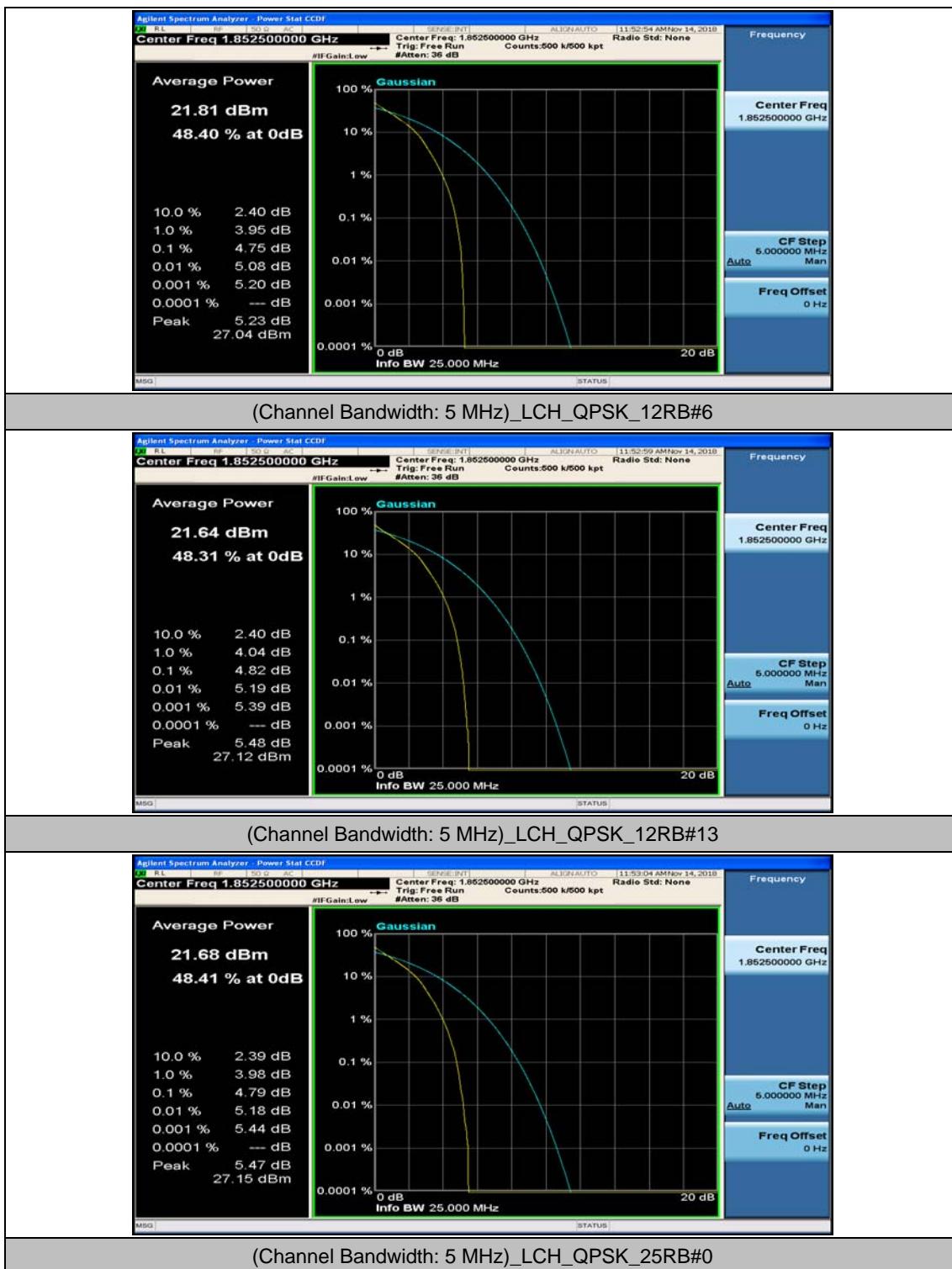


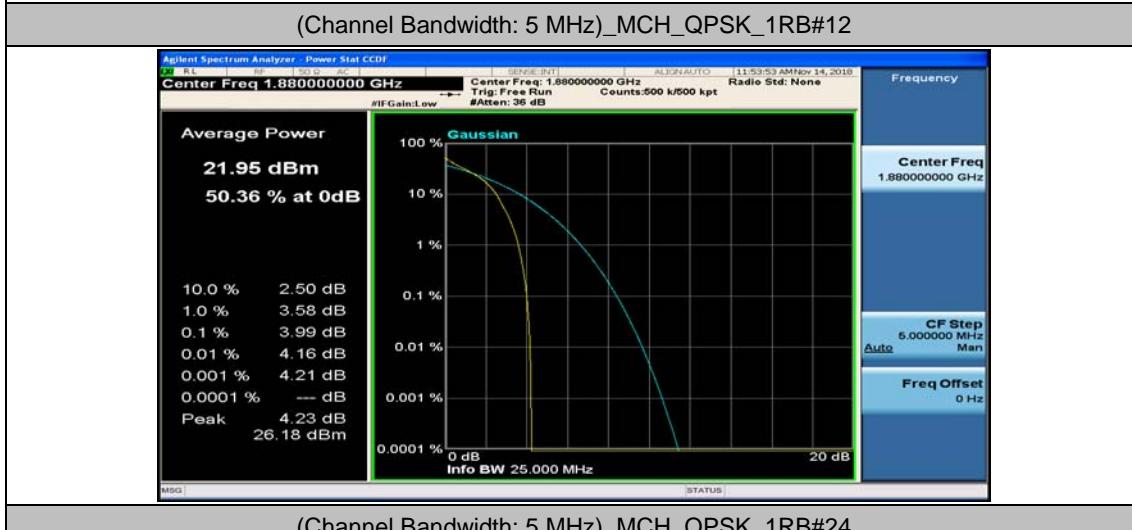
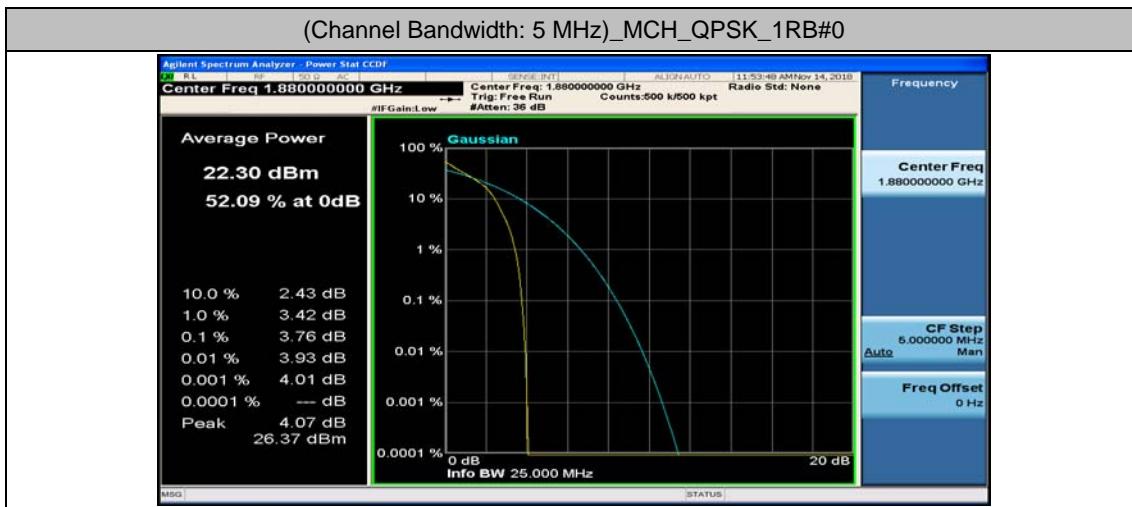
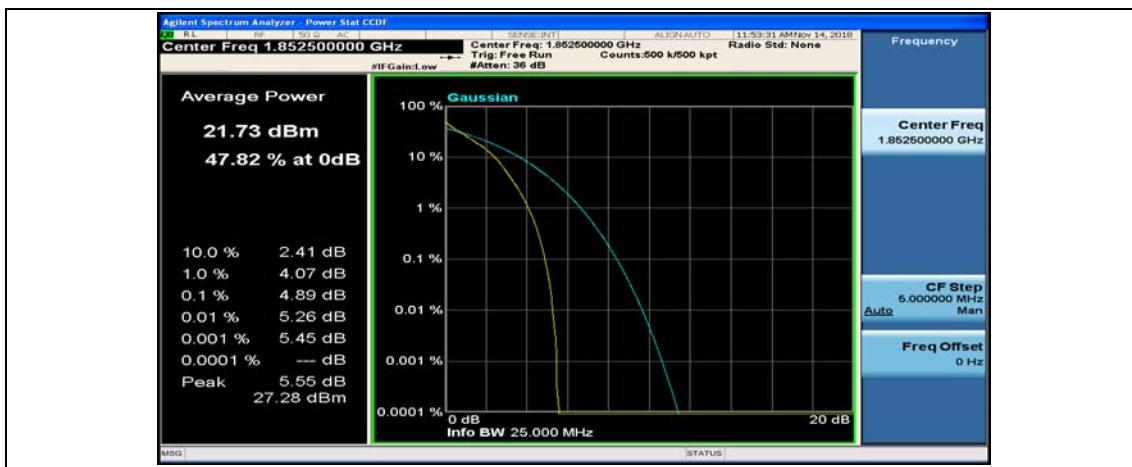




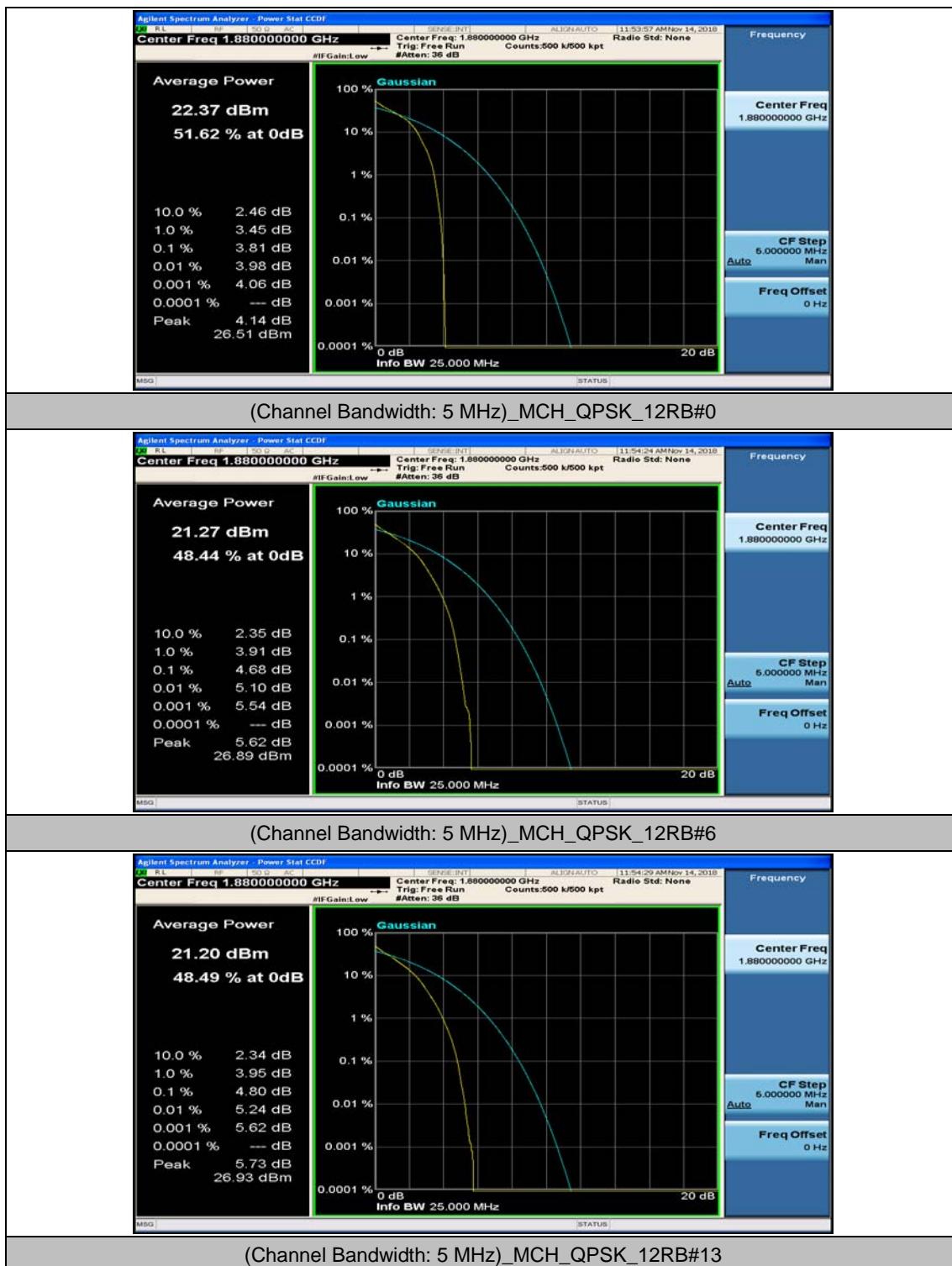
Channel Bandwidth: 5 MHz

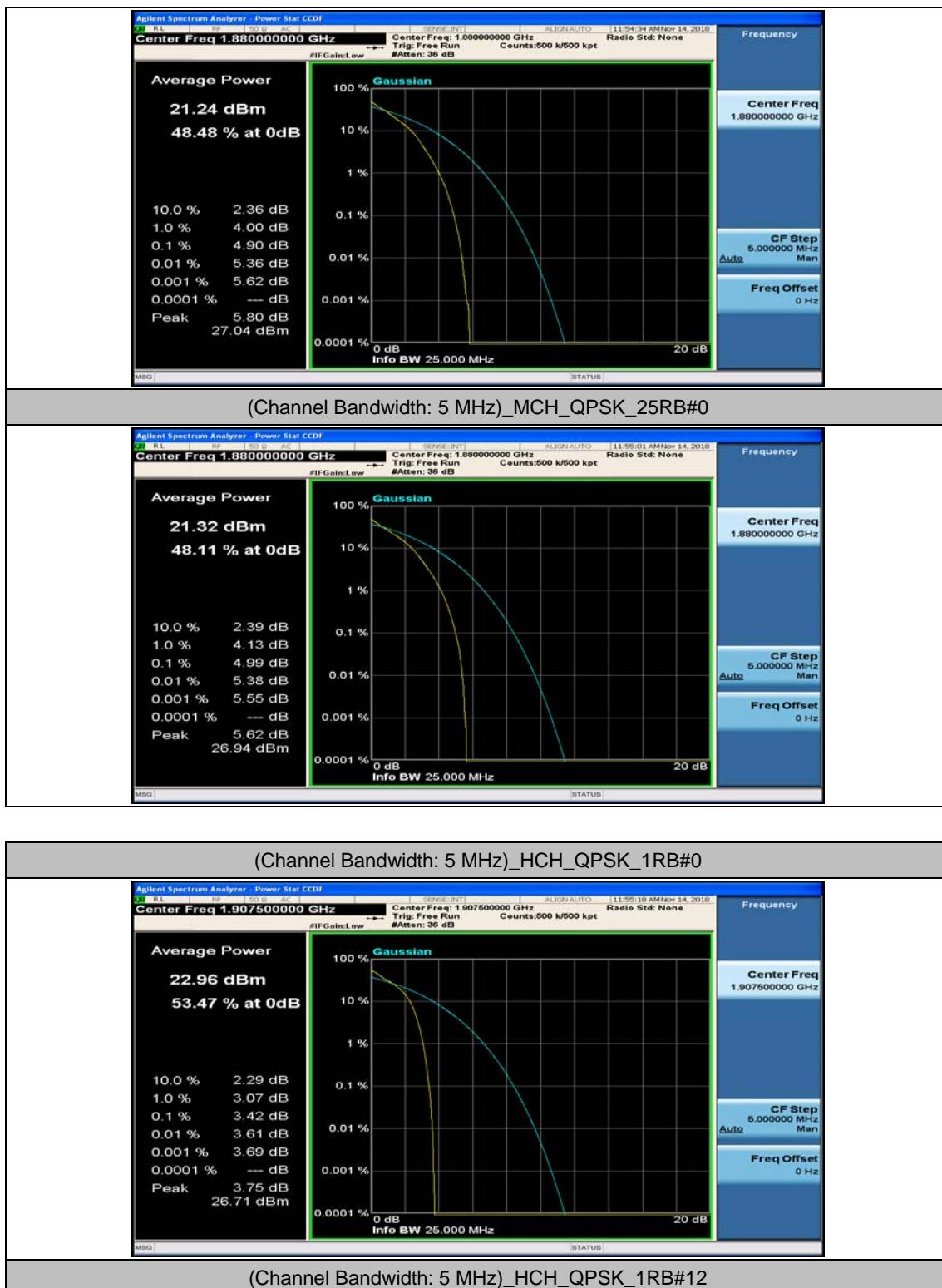


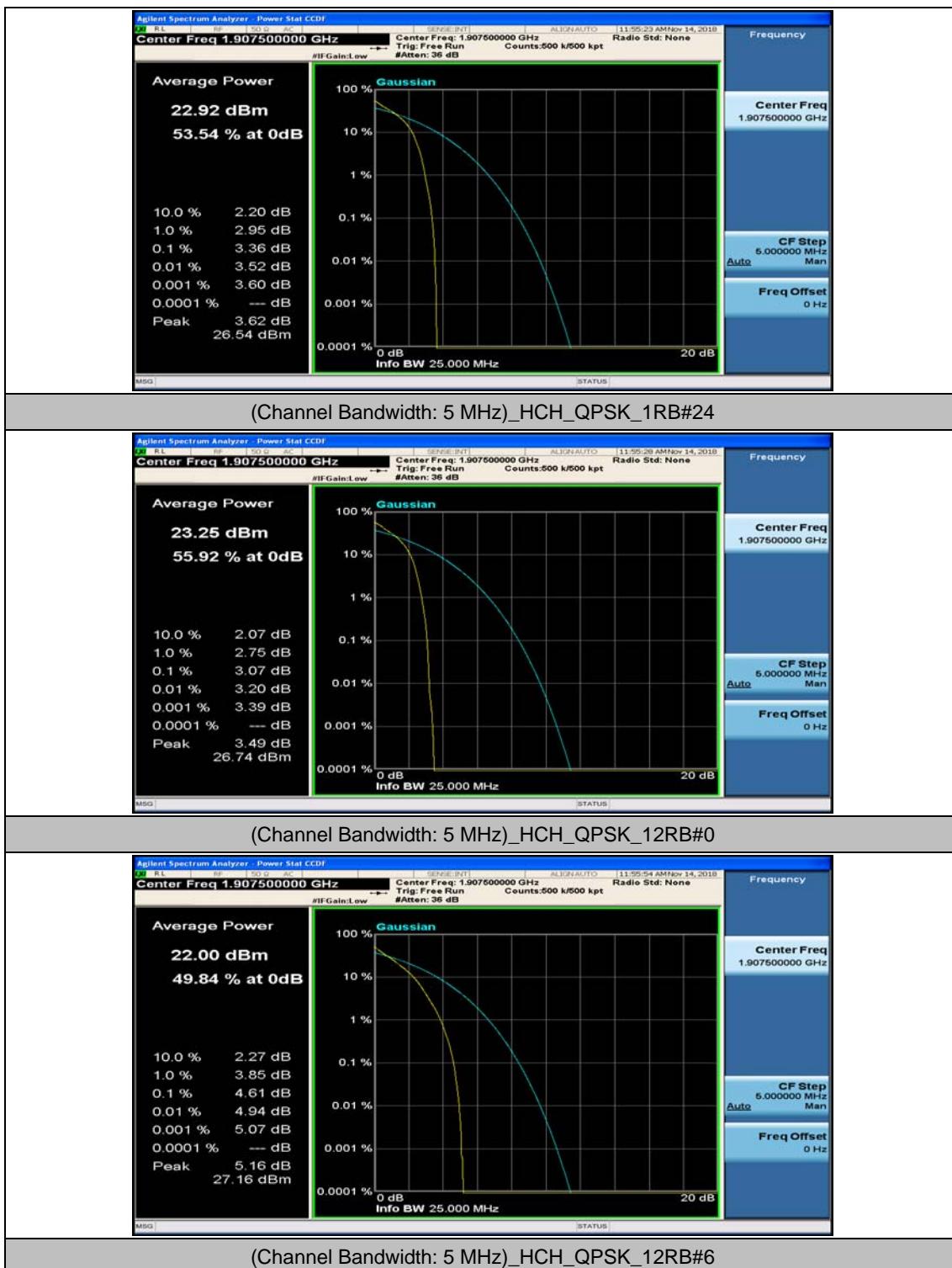


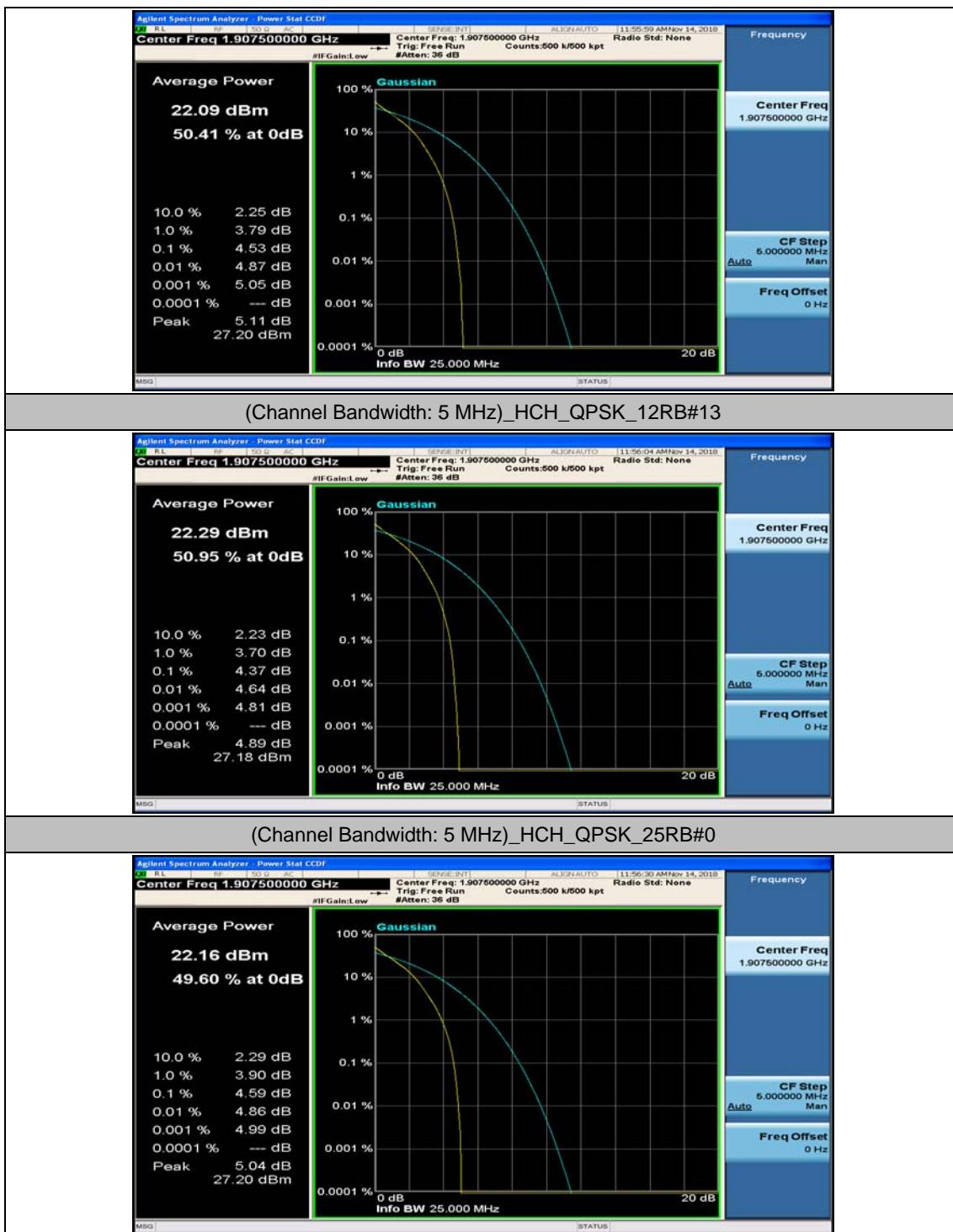


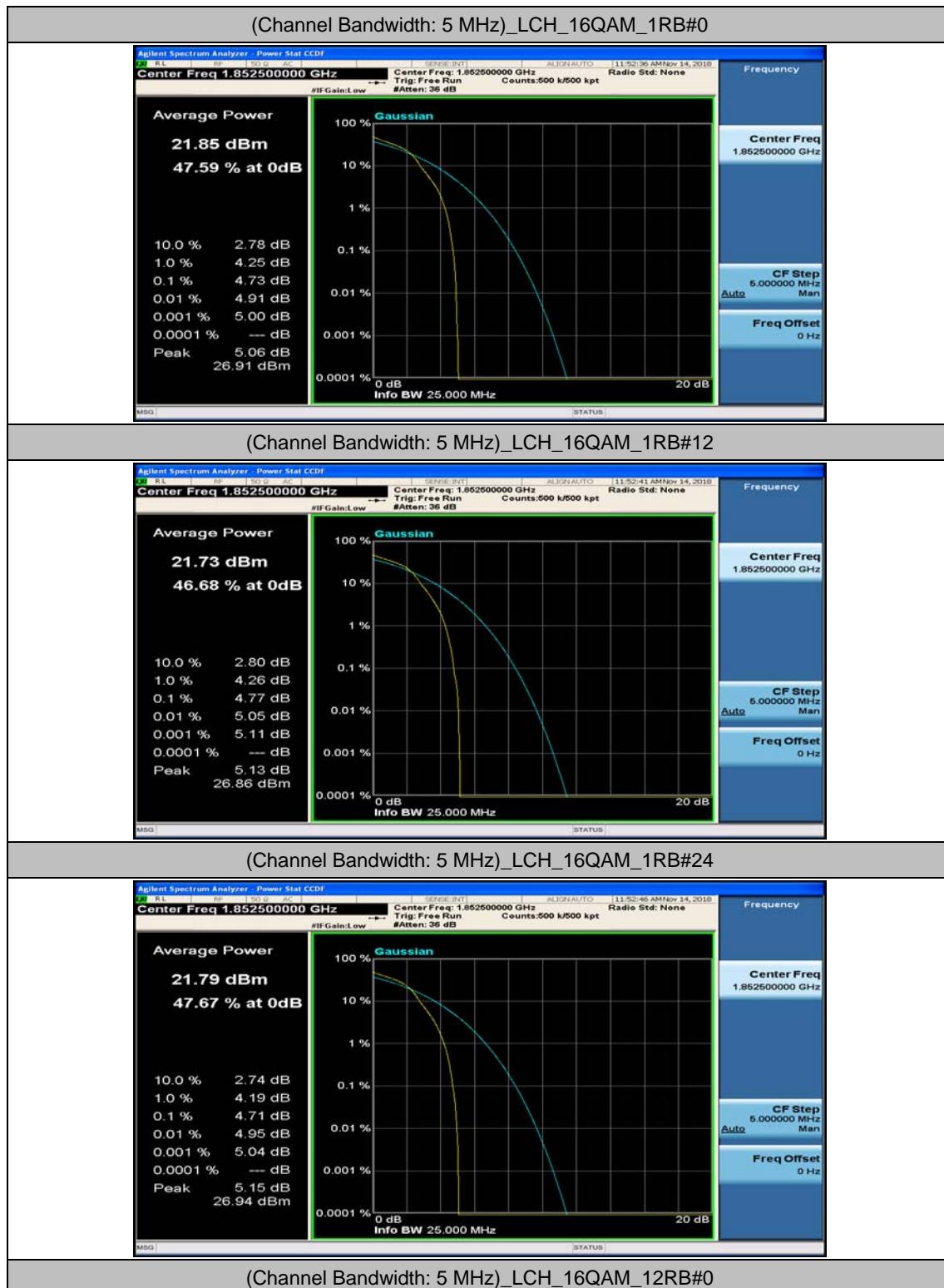
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24

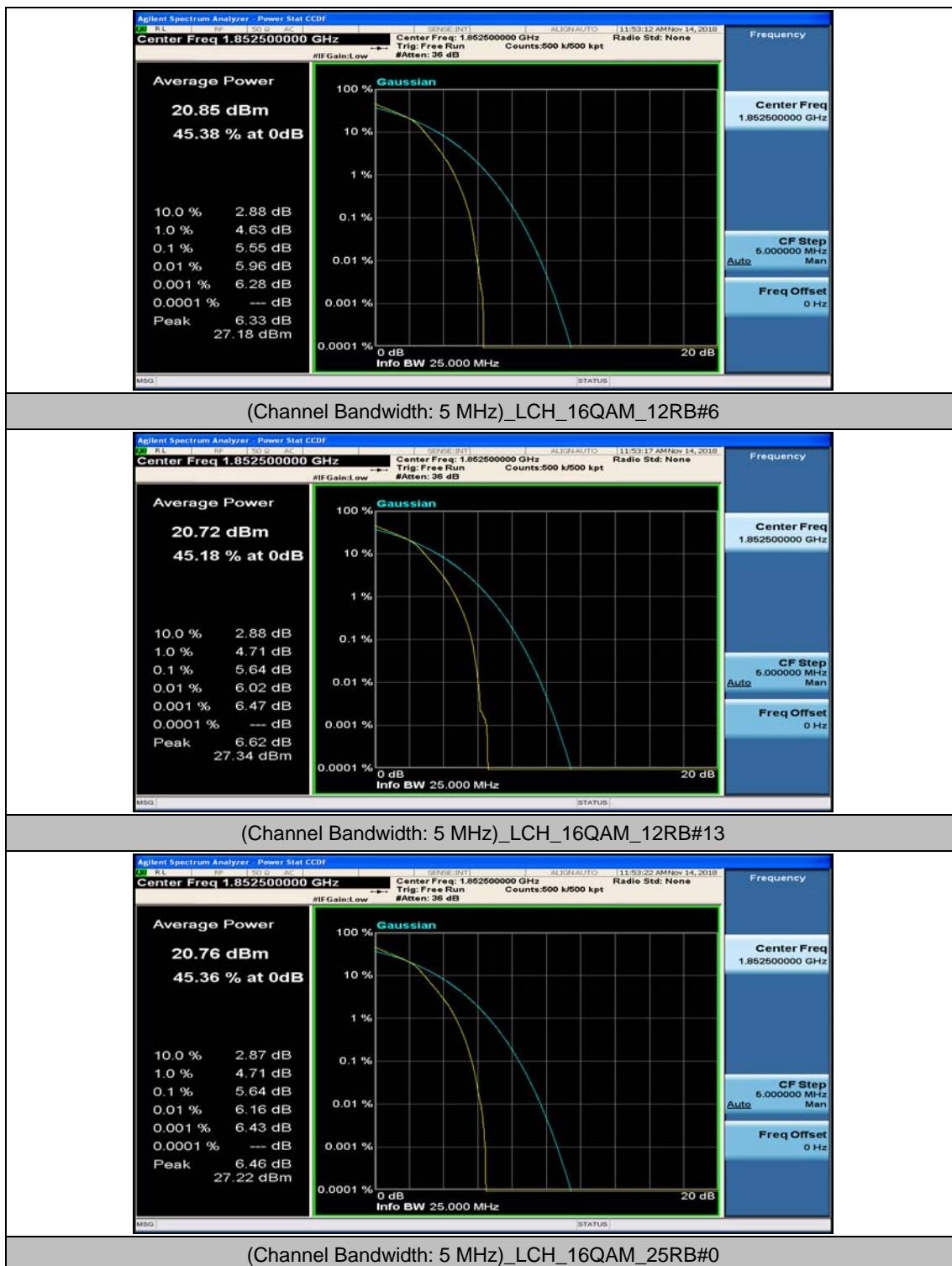


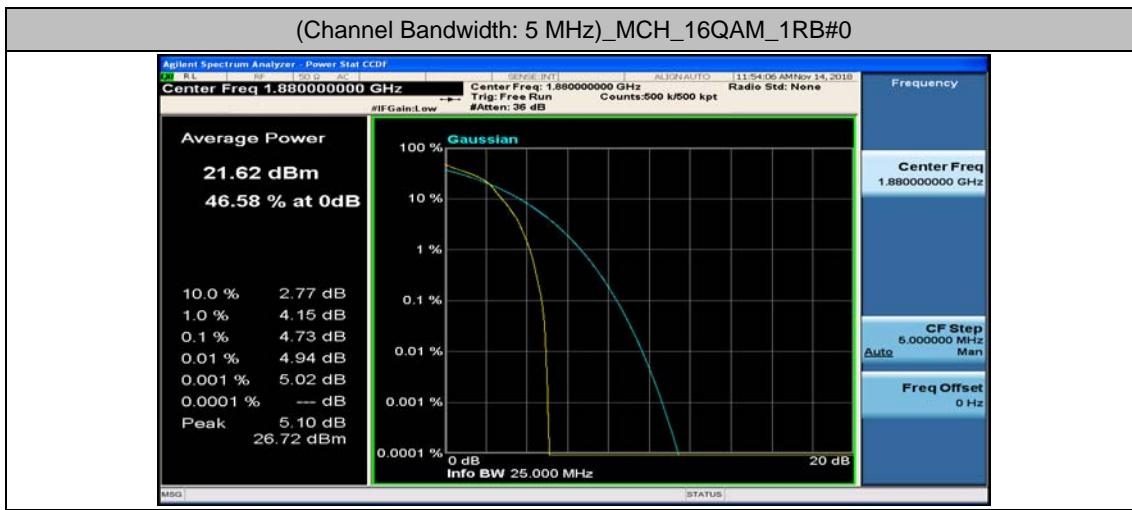
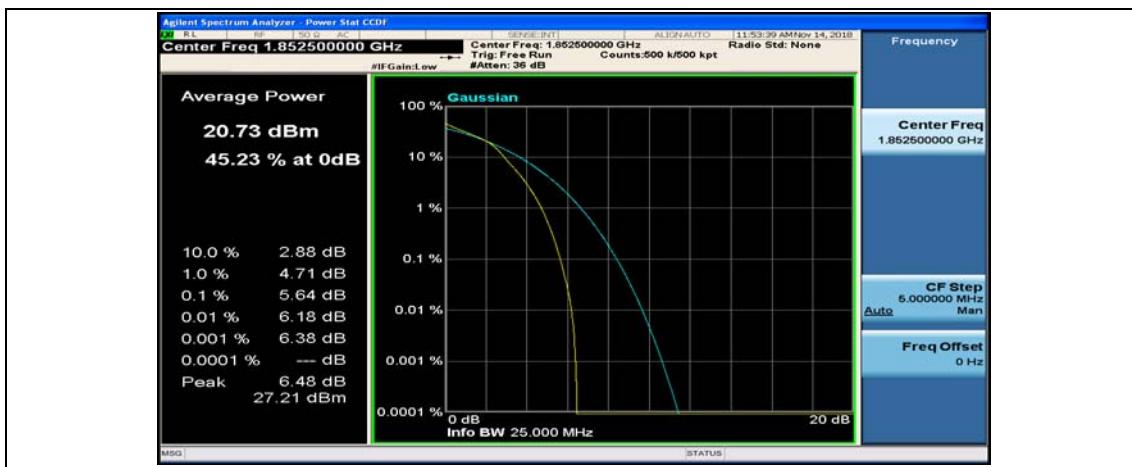












(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24

