

Appendix for Band 25

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	22.04	PASS
		1	3	22.14	PASS
		1	5	22.01	PASS
		3	0	21.12	PASS
		3	2	21.14	PASS
		3	3	21.11	PASS
		6	0	21.09	PASS
	MCH	1	0	21.63	PASS
		1	3	21.78	PASS
		1	5	21.63	PASS
		3	0	21.12	PASS
		3	2	21.11	PASS
		3	3	21.12	PASS
		6	0	20.66	PASS
16QAM	HCH	1	0	21.48	PASS
		1	3	21.62	PASS
		1	5	21.47	PASS
		3	0	21.14	PASS
		3	2	21.18	PASS
		3	3	21.19	PASS
		6	0	21.21	PASS
	LCH	1	0	21.25	PASS
		1	3	21.43	PASS
		1	5	21.31	PASS
		3	0	21.23	PASS
		3	2	21.25	PASS
		3	3	21.20	PASS
		6	0	20.36	PASS
	MCH	1	0	20.98	PASS
		1	3	21.18	PASS
		1	5	21.04	PASS
		3	0	20.70	PASS

		3	2	20.73	PASS
		3	3	20.73	PASS
		6	0	20.47	PASS
HCH	HCH	1	0	20.68	PASS
		1	3	20.88	PASS
		1	5	20.66	PASS
		3	0	20.51	PASS
		3	2	20.60	PASS
		3	3	20.56	PASS
		6	0	20.41	PASS

Channel Bandwidth: 3 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.02	PASS
		1	7	22.24	PASS
		1	14	21.96	PASS
		8	0	21.06	PASS
		8	4	21.07	PASS
		8	7	21.04	PASS
		15	0	21.04	PASS
	MCH	1	0	21.71	PASS
		1	7	21.86	PASS
		1	14	21.61	PASS
		8	0	20.63	PASS
		8	4	20.63	PASS
		8	7	20.62	PASS
		15	0	20.61	PASS
	HCH	1	0	21.54	PASS
		1	7	21.59	PASS
		1	14	21.52	PASS
		8	0	20.40	PASS
		8	4	20.46	PASS
		8	7	20.44	PASS
		15	0	20.33	PASS
16QAM	LCH	1	0	21.36	PASS
		1	7	21.45	PASS
		1	14	21.29	PASS
		8	0	20.42	PASS
		8	4	20.45	PASS
		8	7	20.48	PASS
		15	0	20.39	PASS

	MCH	1	0	21.06	PASS
		1	7	21.28	PASS
		1	14	21.05	PASS
		8	0	20.34	PASS
		8	4	20.35	PASS
		8	7	20.37	PASS
		15	0	20.36	PASS
	HCH	1	0	20.83	PASS
		1	7	20.88	PASS
		1	14	20.72	PASS
		8	0	20.30	PASS
		8	4	20.32	PASS
		8	7	20.39	PASS
		15	0	20.38	PASS

Channel Bandwidth: 5 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.05	PASS
		1	12	22.32	PASS
		1	24	21.99	PASS
		12	0	20.97	PASS
		12	6	21.07	PASS
		12	13	21.04	PASS
		25	0	21.01	PASS
	MCH	1	0	21.72	PASS
		1	12	21.91	PASS
		1	24	21.64	PASS
		12	0	20.63	PASS
		12	6	20.68	PASS
		12	13	20.68	PASS
		25	0	20.69	PASS
	HCH	1	0	21.51	PASS
		1	12	21.90	PASS
		1	24	21.52	PASS
		12	0	20.64	PASS
		12	6	20.44	PASS
		12	13	20.75	PASS
		25	0	20.67	PASS
16QAM	LCH	1	0	21.32	PASS
		1	12	21.49	PASS
		1	24	21.21	PASS

		12	0	20.44	PASS
		12	6	20.43	PASS
		12	13	20.48	PASS
		25	0	20.46	PASS
MCH	MCH	1	0	20.98	PASS
		1	12	21.17	PASS
		1	24	20.90	PASS
		12	0	20.45	PASS
		12	6	20.39	PASS
		12	13	20.37	PASS
		25	0	20.32	PASS
HCH	HCH	1	0	20.68	PASS
		1	12	20.94	PASS
		1	24	20.66	PASS
		12	0	20.42	PASS
		12	6	20.43	PASS
		12	13	20.43	PASS
		25	0	20.42	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.06	PASS
		1	24	22.48	PASS
		1	49	21.88	PASS
		25	0	21.00	PASS
		25	12	21.28	PASS
		25	25	21.15	PASS
		50	0	21.00	PASS
QPSK	MCH	1	0	21.86	PASS
		1	24	22.38	PASS
		1	49	21.83	PASS
		25	0	20.70	PASS
		25	12	20.69	PASS
		25	25	20.71	PASS
		50	0	20.70	PASS
QPSK	HCH	1	0	21.84	PASS
		1	24	22.36	PASS
		1	49	21.81	PASS
		25	0	20.72	PASS
		25	12	20.66	PASS
		25	25	20.97	PASS

		50	0	20.73	PASS
16QAM	LCH	1	0	21.28	PASS
		1	24	21.46	PASS
		1	49	21.20	PASS
		25	0	20.38	PASS
		25	12	20.37	PASS
		25	25	20.46	PASS
		50	0	20.34	PASS
	MCH	1	0	21.07	PASS
		1	24	21.22	PASS
		1	49	20.99	PASS
		25	0	20.33	PASS
		25	12	20.37	PASS
		25	25	20.33	PASS
		50	0	20.37	PASS
	HCH	1	0	20.71	PASS
		1	24	20.76	PASS
		1	49	20.43	PASS
		25	0	20.34	PASS
		25	12	20.39	PASS
		25	25	20.40	PASS
		50	0	20.39	PASS

Channel Bandwidth: 15 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	21.93	PASS
		1	37	21.95	PASS
		1	74	21.70	PASS
		37	0	21.02	PASS
		37	18	21.06	PASS
		37	38	21.01	PASS
		75	0	21.01	PASS
	MCH	1	0	21.66	PASS
		1	37	21.83	PASS
		1	74	21.54	PASS
		37	0	20.71	PASS
		37	18	20.78	PASS
		37	38	20.71	PASS
		75	0	20.74	PASS
	HCH	1	0	21.52	PASS
		1	37	21.72	PASS

		1	74	21.42	PASS
		37	0	20.42	PASS
		37	18	20.35	PASS
		37	38	20.33	PASS
		75	0	20.33	PASS
16QAM	LCH	1	0	21.24	PASS
		1	37	21.35	PASS
		1	74	20.98	PASS
		37	0	20.36	PASS
		37	18	20.32	PASS
		37	38	20.35	PASS
		75	0	20.33	PASS
	MCH	1	0	20.96	PASS
		1	37	21.18	PASS
		1	74	20.81	PASS
		37	0	20.35	PASS
		37	18	20.33	PASS
		37	38	20.34	PASS
		75	0	20.37	PASS
	HCH	1	0	20.74	PASS
		1	37	20.94	PASS
		1	74	20.44	PASS
		37	0	20.39	PASS
		37	18	20.46	PASS
		37	38	20.50	PASS
		75	0	20.30	PASS

Channel Bandwidth: 20 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.04	PASS
		1	49	22.12	PASS
		1	99	21.60	PASS
		50	0	20.87	PASS
		50	25	20.93	PASS
		50	50	20.85	PASS
		100	0	20.80	PASS
	MCH	1	0	21.68	PASS
		1	49	21.90	PASS
		1	99	21.50	PASS
		50	0	20.69	PASS
		50	25	20.71	PASS

	HCH	50	50	20.63	PASS
		100	0	20.65	PASS
		1	0	21.42	PASS
		1	49	21.60	PASS
		1	99	21.32	PASS
		50	0	20.50	PASS
		50	25	20.55	PASS
		50	50	20.38	PASS
16QAM	LCH	100	0	20.55	PASS
		1	0	21.12	PASS
		1	49	21.29	PASS
		1	99	20.92	PASS
		50	0	20.38	PASS
		50	25	20.34	PASS
		50	50	20.35	PASS
	MCH	100	0	20.37	PASS
		1	0	21.04	PASS
		1	49	21.24	PASS
		1	99	20.86	PASS
		50	0	20.32	PASS
		50	25	20.37	PASS
		50	50	20.32	PASS
	HCH	100	0	20.38	PASS
		1	0	20.69	PASS
		1	49	20.94	PASS
		1	99	20.59	PASS
		50	0	20.39	PASS
		50	25	20.32	PASS
		50	50	20.36	PASS
		100	0	20.35	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	4.81	<13	PASS
		1	3	4.83	<13	PASS
		1	5	5.02	<13	PASS
		3	0	4.98	<13	PASS
		3	2	5	<13	PASS
		3	3	5.02	<13	PASS
		6	0	5.24	<13	PASS
	MCH	1	0	4.81	<13	PASS
		1	3	4.71	<13	PASS
		1	5	4.87	<13	PASS
		3	0	4.82	<13	PASS
		3	2	4.74	<13	PASS
		3	3	4.78	<13	PASS
		6	0	5.25	<13	PASS
16QAM	LCH	1	0	4.06	<13	PASS
		1	3	4	<13	PASS
		1	5	4.09	<13	PASS
		3	0	4.34	<13	PASS
		3	2	4.22	<13	PASS
		3	3	4.15	<13	PASS
		6	0	4.83	<13	PASS
	MCH	1	0	5.98	<13	PASS
		1	3	5.78	<13	PASS
		1	5	5.89	<13	PASS
		3	0	5.74	<13	PASS
		3	2	5.78	<13	PASS
		3	3	5.8	<13	PASS
		6	0	6.16	<13	PASS

		3	2	5.76	<13	PASS
		3	3	5.88	<13	PASS
		6	0	6.17	<13	PASS
HCH		1	0	5.41	<13	PASS
		1	3	5.1	<13	PASS
		1	5	5.18	<13	PASS
		3	0	5.31	<13	PASS
		3	2	5.31	<13	PASS
		3	3	5.28	<13	PASS
		6	0	5.89	<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	4.87	<13	PASS
		1	7	4.93	<13	PASS
		1	14	5.01	<13	PASS
		8	0	5.5	<13	PASS
		8	4	5.5	<13	PASS
		8	7	5.5	<13	PASS
		15	0	5.36	<13	PASS
	MCH	1	0	4.57	<13	PASS
		1	7	4.63	<13	PASS
		1	14	4.66	<13	PASS
		8	0	5.36	<13	PASS
		8	4	5.28	<13	PASS
		8	7	5.29	<13	PASS
		15	0	5.35	<13	PASS
	HCH	1	0	4.37	<13	PASS
		1	7	4.16	<13	PASS
		1	14	4.22	<13	PASS
		8	0	5.09	<13	PASS
		8	4	5.04	<13	PASS
		8	7	5	<13	PASS
		15	0	5.03	<13	PASS
16QAM	LCH	1	0	5.82	<13	PASS
		1	7	5.79	<13	PASS
		1	14	5.92	<13	PASS
		8	0	6.15	<13	PASS
		8	4	6.09	<13	PASS

		8	7	6.23	<13	PASS
		15	0	6.29	<13	PASS
MCH		1	0	5.54	<13	PASS
		1	7	5.5	<13	PASS
		1	14	5.5	<13	PASS
		8	0	6.07	<13	PASS
		8	4	6.03	<13	PASS
		8	7	6.02	<13	PASS
		15	0	6.22	<13	PASS
		1	0	5.63	<13	PASS
HCH		1	7	5.35	<13	PASS
		1	14	5.09	<13	PASS
		8	0	6.14	<13	PASS
		8	4	6.04	<13	PASS
		8	7	6.07	<13	PASS
		15	0	5.95	<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	5.13	<13	PASS
		1	12	5.08	<13	PASS
		1	24	5.2	<13	PASS
		12	0	5.47	<13	PASS
		12	6	5.46	<13	PASS
		12	13	5.52	<13	PASS
		25	0	5.46	<13	PASS
	MCH	1	0	4.84	<13	PASS
		1	12	4.73	<13	PASS
		1	24	4.8	<13	PASS
		12	0	5.24	<13	PASS
		12	6	5.22	<13	PASS
		12	13	5.2	<13	PASS
		25	0	5.3	<13	PASS
	HCH	1	0	4.47	<13	PASS
		1	12	4.33	<13	PASS
		1	24	4.21	<13	PASS
		12	0	5.29	<13	PASS
		12	6	5.15	<13	PASS
		12	13	5.04	<13	PASS

		25	0	5.26	<13	PASS
16QAM	LCH	1	0	5.89	<13	PASS
		1	12	5.86	<13	PASS
		1	24	6.04	<13	PASS
		12	0	6.34	<13	PASS
		12	6	6.31	<13	PASS
		12	13	6.35	<13	PASS
		25	0	6.21	<13	PASS
	MCH	1	0	5.82	<13	PASS
		1	12	5.66	<13	PASS
		1	24	5.72	<13	PASS
		12	0	6.09	<13	PASS
		12	6	6.09	<13	PASS
		12	13	6.08	<13	PASS
		25	0	6.17	<13	PASS
	HCH	1	0	5.77	<13	PASS
		1	12	5.45	<13	PASS
		1	24	5.18	<13	PASS
		12	0	6.1	<13	PASS
		12	6	6.02	<13	PASS
		12	13	6	<13	PASS
		25	0	6.03	<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	4.82	<13	PASS
		1	24	5.01	<13	PASS
		1	49	4.85	<13	PASS
		25	0	5.36	<13	PASS
		25	12	5.43	<13	PASS
		25	25	5.3	<13	PASS
		50	0	5.37	<13	PASS
	MCH	1	0	4.55	<13	PASS
		1	24	4.59	<13	PASS
		1	49	4.56	<13	PASS
		25	0	5.32	<13	PASS
		25	12	5.3	<13	PASS
		25	25	5.28	<13	PASS
		50	0	5.33	<13	PASS

		1	0	4.7	<13	PASS
	HCH	1	24	4.54	<13	PASS
		1	49	4.31	<13	PASS
		25	0	5.32	<13	PASS
		25	12	5.24	<13	PASS
		25	25	5.21	<13	PASS
		50	0	5.3	<13	PASS
		1	0	5.82	<13	PASS
	LCH	1	24	5.92	<13	PASS
		1	49	5.71	<13	PASS
		25	0	6.29	<13	PASS
		25	12	6.19	<13	PASS
		25	25	6.19	<13	PASS
		50	0	6.15	<13	PASS
		1	0	5.54	<13	PASS
	MCH	1	24	5.55	<13	PASS
		1	49	5.52	<13	PASS
		25	0	6.2	<13	PASS
		25	12	6.18	<13	PASS
		25	25	6.13	<13	PASS
		50	0	6.14	<13	PASS
		1	0	5.95	<13	PASS
	HCH	1	24	5.84	<13	PASS
		1	49	5.2	<13	PASS
		25	0	6.22	<13	PASS
		25	12	6.18	<13	PASS
		25	25	6.13	<13	PASS
		50	0	6.15	<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	4.81	<13	PASS
		1	37	4.71	<13	PASS
		1	74	4.67	<13	PASS
		37	0	5.39	<13	PASS
		37	18	5.27	<13	PASS
		37	38	5.14	<13	PASS
		75	0	5.63	<13	PASS
	MCH	1	0	4.75	<13	PASS

		1	37	4.75	<13	PASS
		1	74	4.75	<13	PASS
		37	0	5.32	<13	PASS
		37	18	5.26	<13	PASS
		37	38	5.23	<13	PASS
		75	0	5.57	<13	PASS
	HCH	1	0	4.81	<13	PASS
		1	37	4.53	<13	PASS
		1	74	4.4	<13	PASS
		37	0	5.39	<13	PASS
		37	18	5.32	<13	PASS
		37	38	5.24	<13	PASS
		75	0	5.7	<13	PASS
16QAM	LCH	1	0	5.7	<13	PASS
		1	37	5.75	<13	PASS
		1	74	5.47	<13	PASS
		37	0	6.23	<13	PASS
		37	18	6.13	<13	PASS
		37	38	6.02	<13	PASS
		75	0	6.27	<13	PASS
	MCH	1	0	5.59	<13	PASS
		1	37	5.67	<13	PASS
		1	74	5.68	<13	PASS
		37	0	6.18	<13	PASS
		37	18	6.17	<13	PASS
		37	38	6.17	<13	PASS
		75	0	6.23	<13	PASS
	HCH	1	0	5.95	<13	PASS
		1	37	5.79	<13	PASS
		1	74	5.25	<13	PASS
		37	0	6.19	<13	PASS
		37	18	6.18	<13	PASS
		37	38	6.08	<13	PASS
		75	0	6.32	<13	PASS

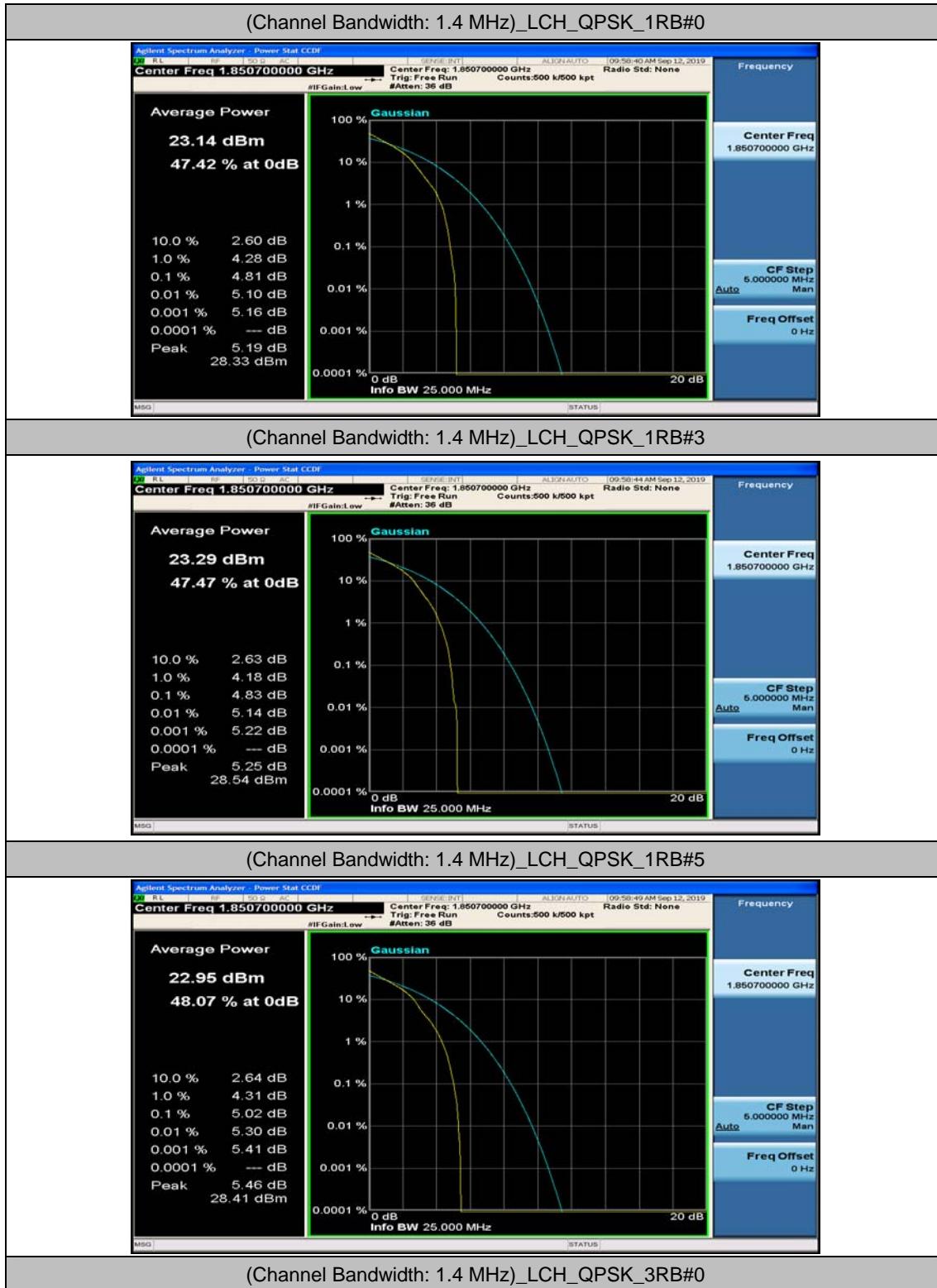
Channel Bandwidth: 20 MHz

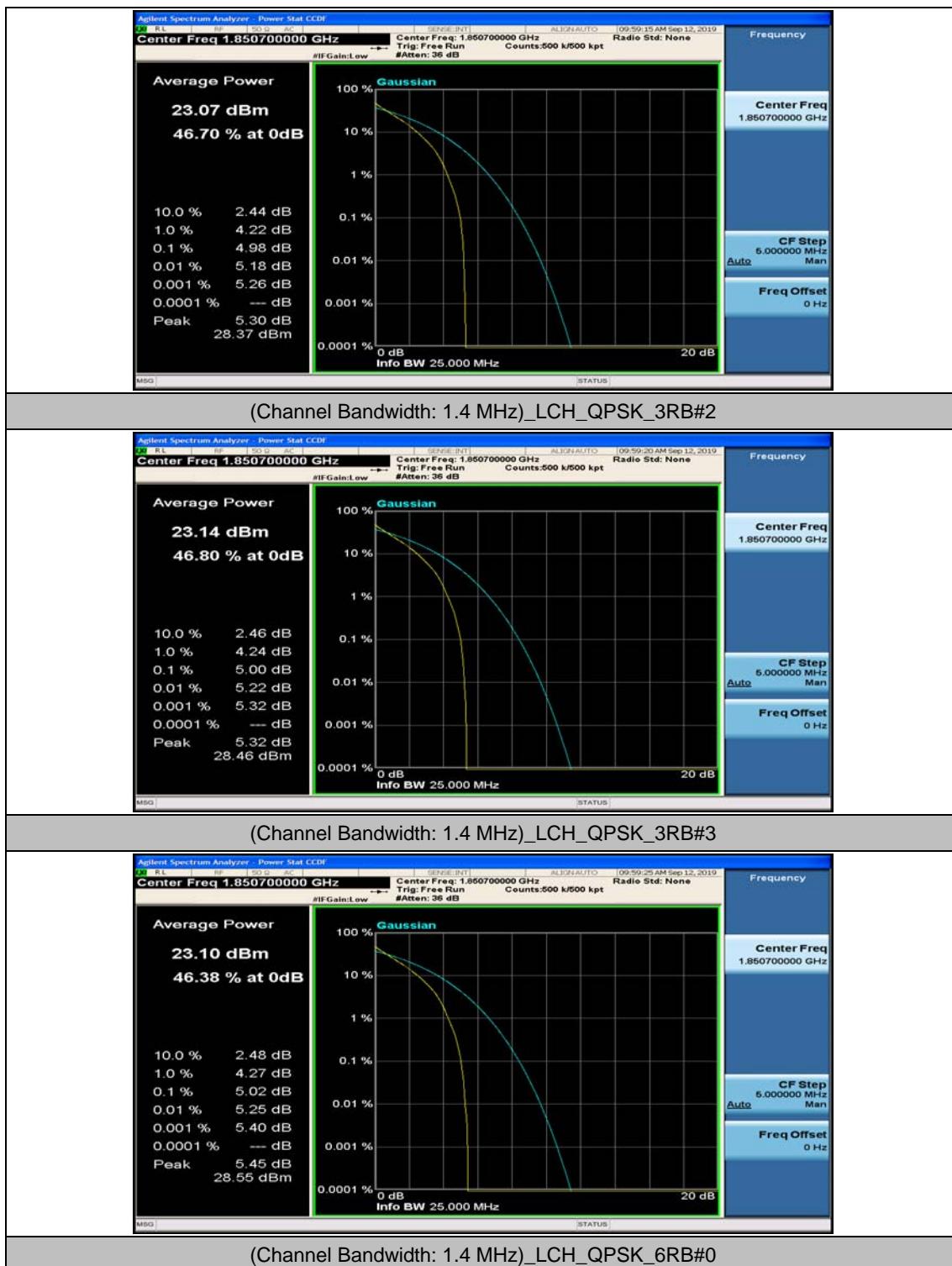
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.81	<13	PASS
		1	49	4.66	<13	PASS
		1	99	4.93	<13	PASS
		50	0	5.44	<13	PASS
		50	25	5.24	<13	PASS
		50	50	5.24	<13	PASS
		100	0	5.48	<13	PASS
	MCH	1	0	4.84	<13	PASS
		1	49	4.78	<13	PASS
		1	99	4.9	<13	PASS
		50	0	5.39	<13	PASS
		50	25	5.29	<13	PASS
		50	50	5.39	<13	PASS
		100	0	5.5	<13	PASS
16QAM	LCH	1	0	5.02	<13	PASS
		1	49	4.77	<13	PASS
		1	99	4.58	<13	PASS
		50	0	5.5	<13	PASS
		50	25	5.49	<13	PASS
		50	50	5.39	<13	PASS
		100	0	5.61	<13	PASS
	MCH	1	0	5.85	<13	PASS
		1	49	5.4	<13	PASS
		1	99	5.53	<13	PASS
		50	0	6.2	<13	PASS
		50	25	6.06	<13	PASS
		50	50	6.08	<13	PASS
		100	0	6.24	<13	PASS
	HCH	1	0	5.6	<13	PASS
		1	49	5.5	<13	PASS
		1	99	5.65	<13	PASS
		50	0	6.17	<13	PASS
		50	25	6.1	<13	PASS
		50	50	6.18	<13	PASS
		100	0	6.26	<13	PASS
	HCH	1	0	6.04	<13	PASS

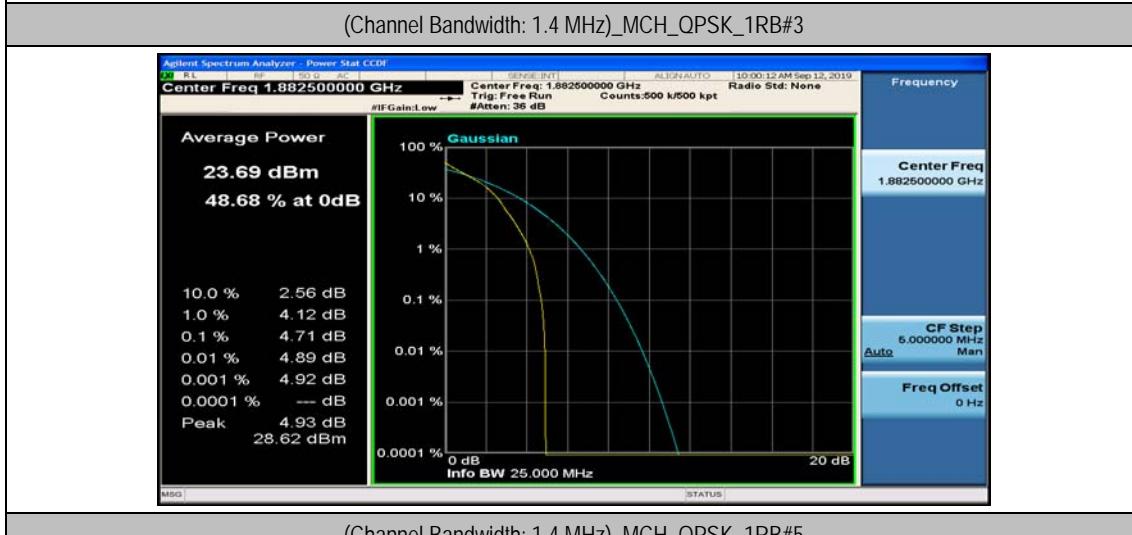
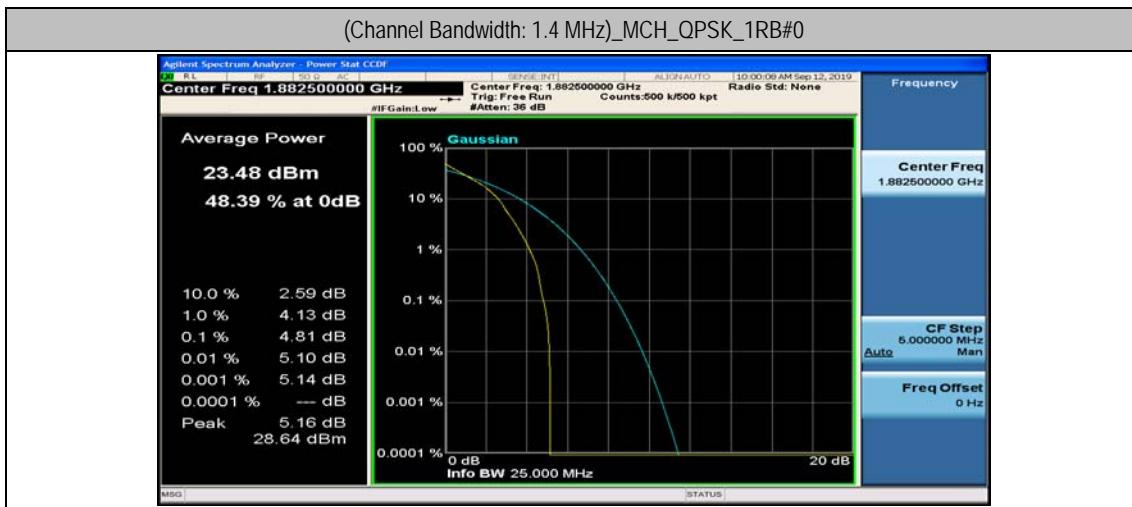
		1	49	6.02	<13	PASS
		1	99	5.64	<13	PASS
		50	0	6.32	<13	PASS
		50	25	6.27	<13	PASS
		50	50	6.15	<13	PASS
		100	0	6.38	<13	PASS

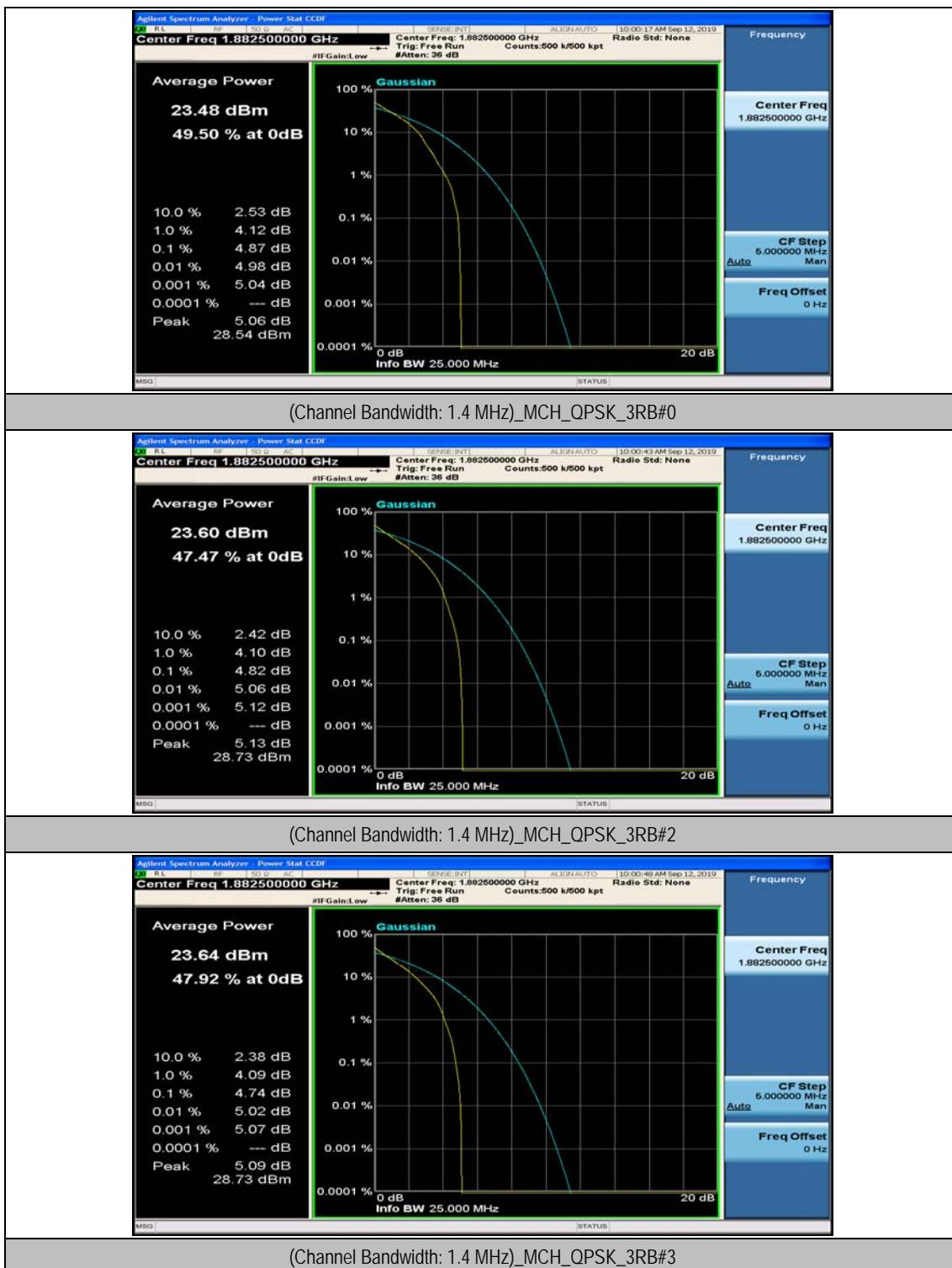
Test Graphs

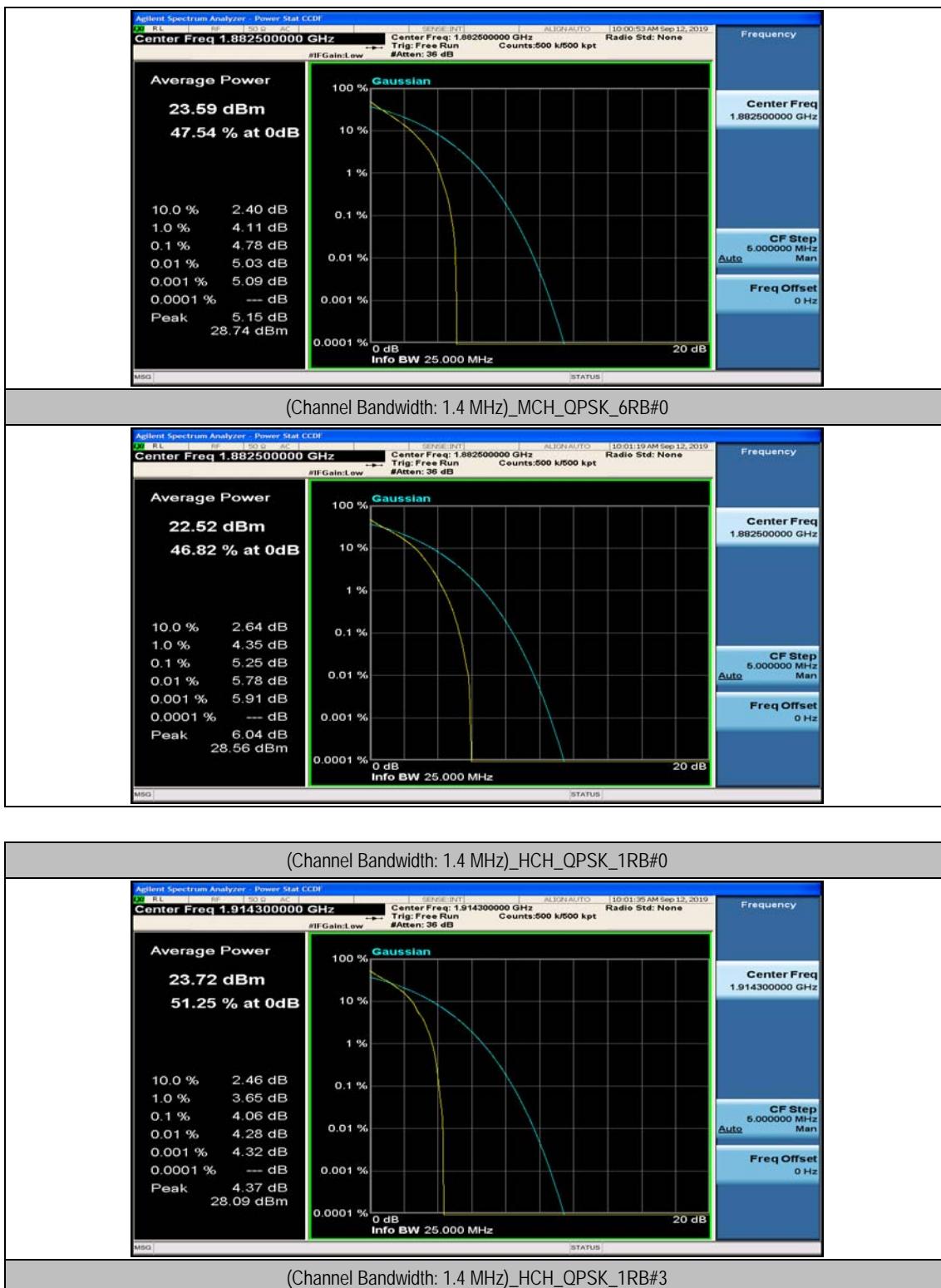
Channel Bandwidth: 1.4 MHz

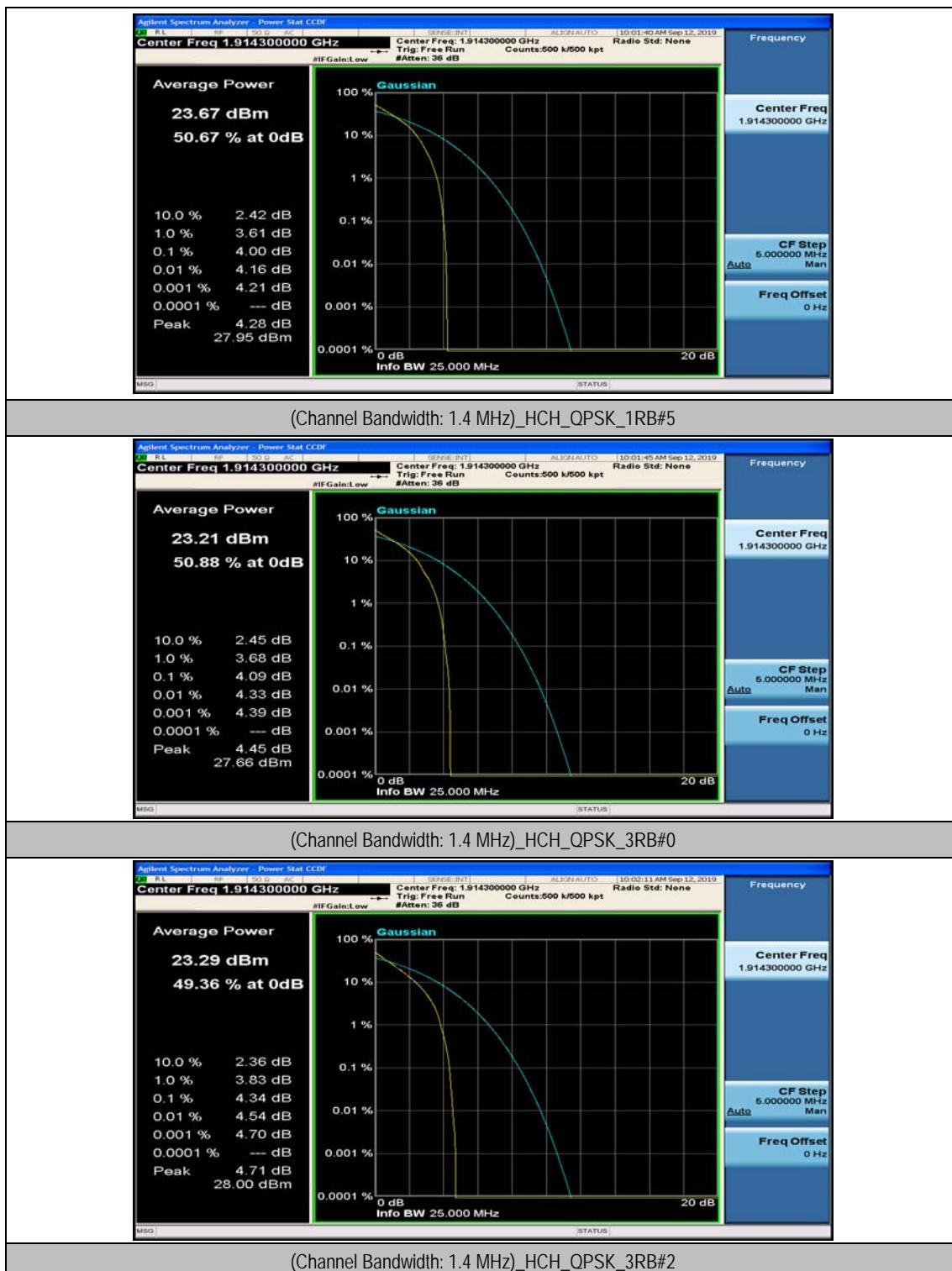


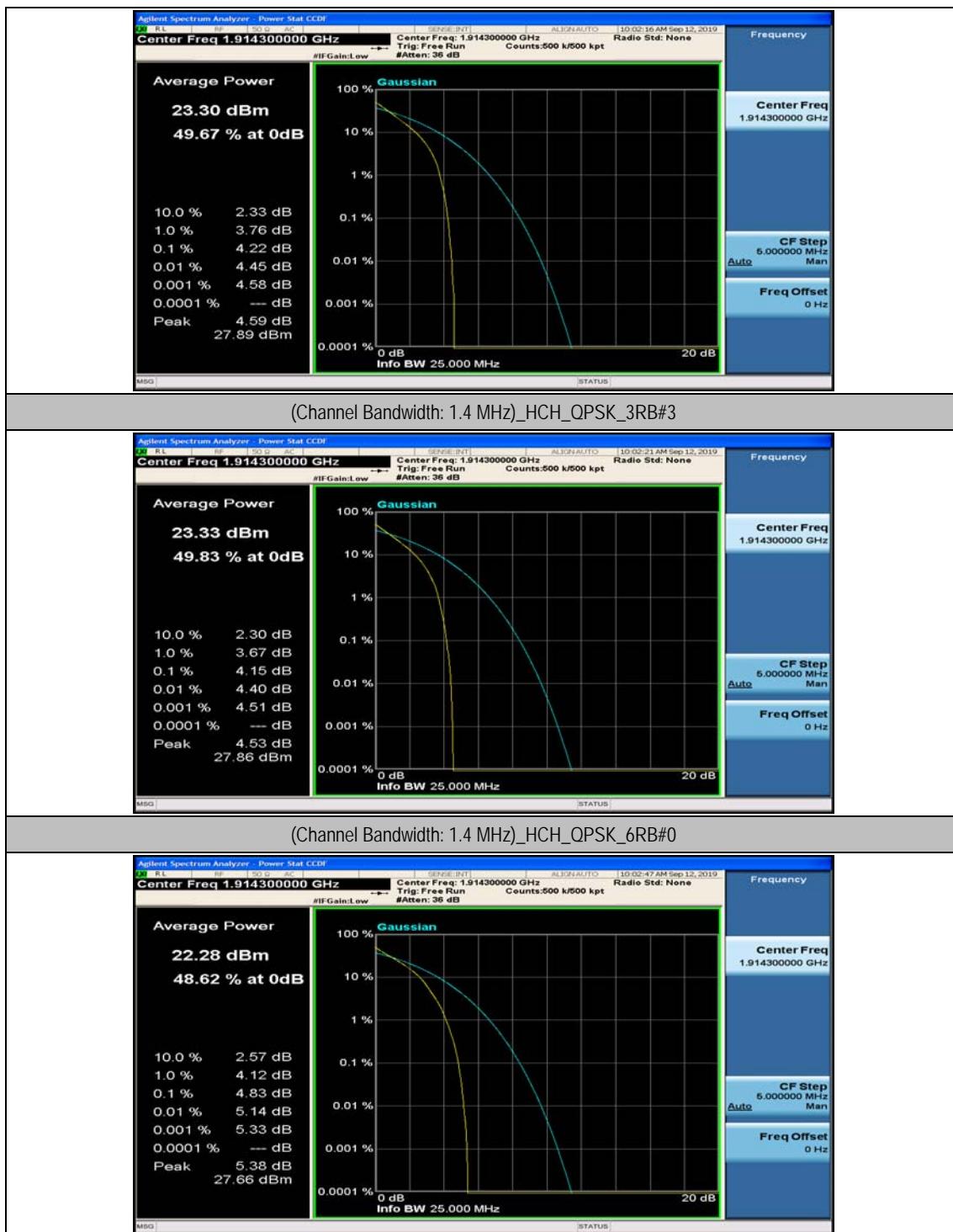


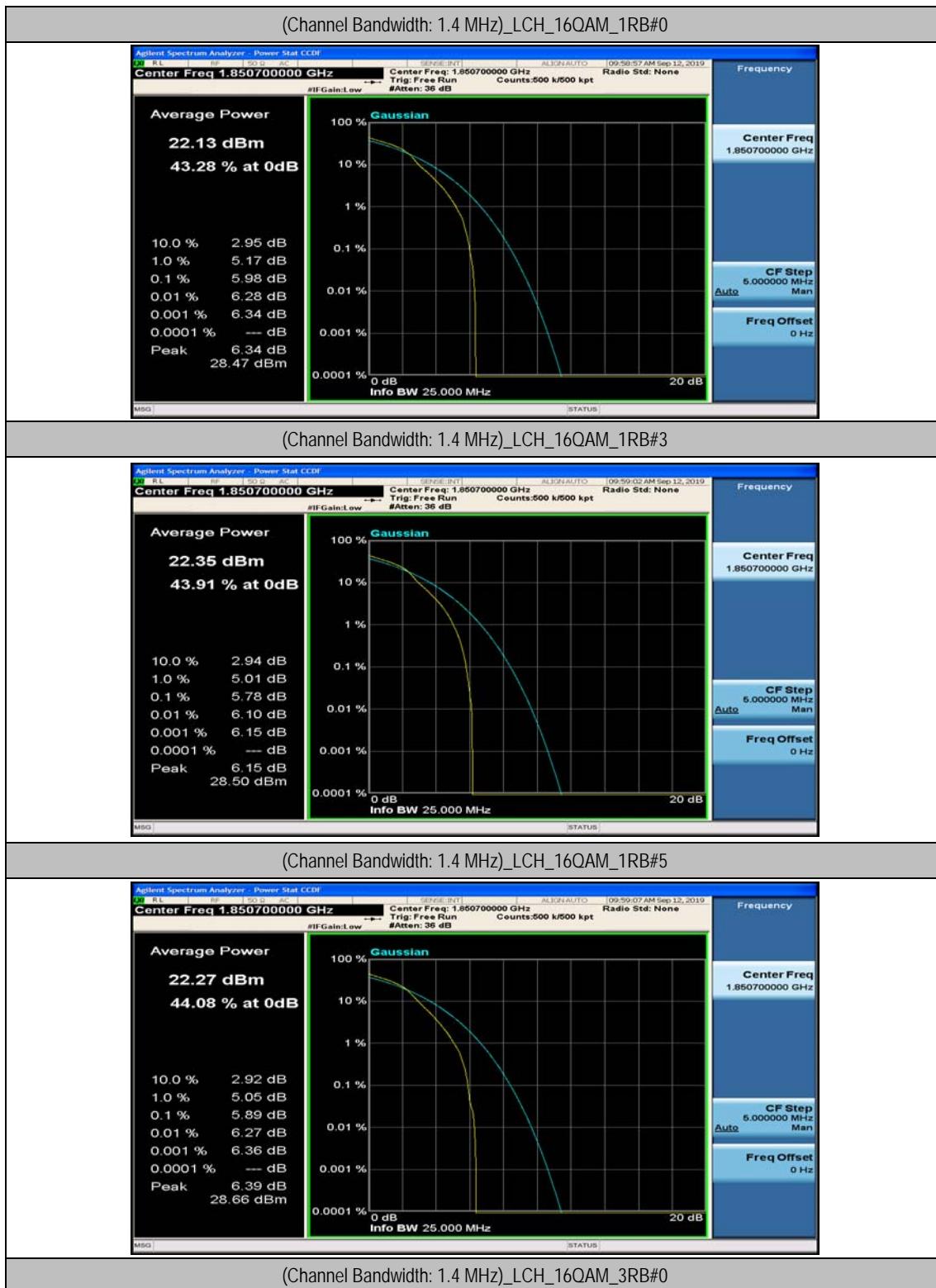


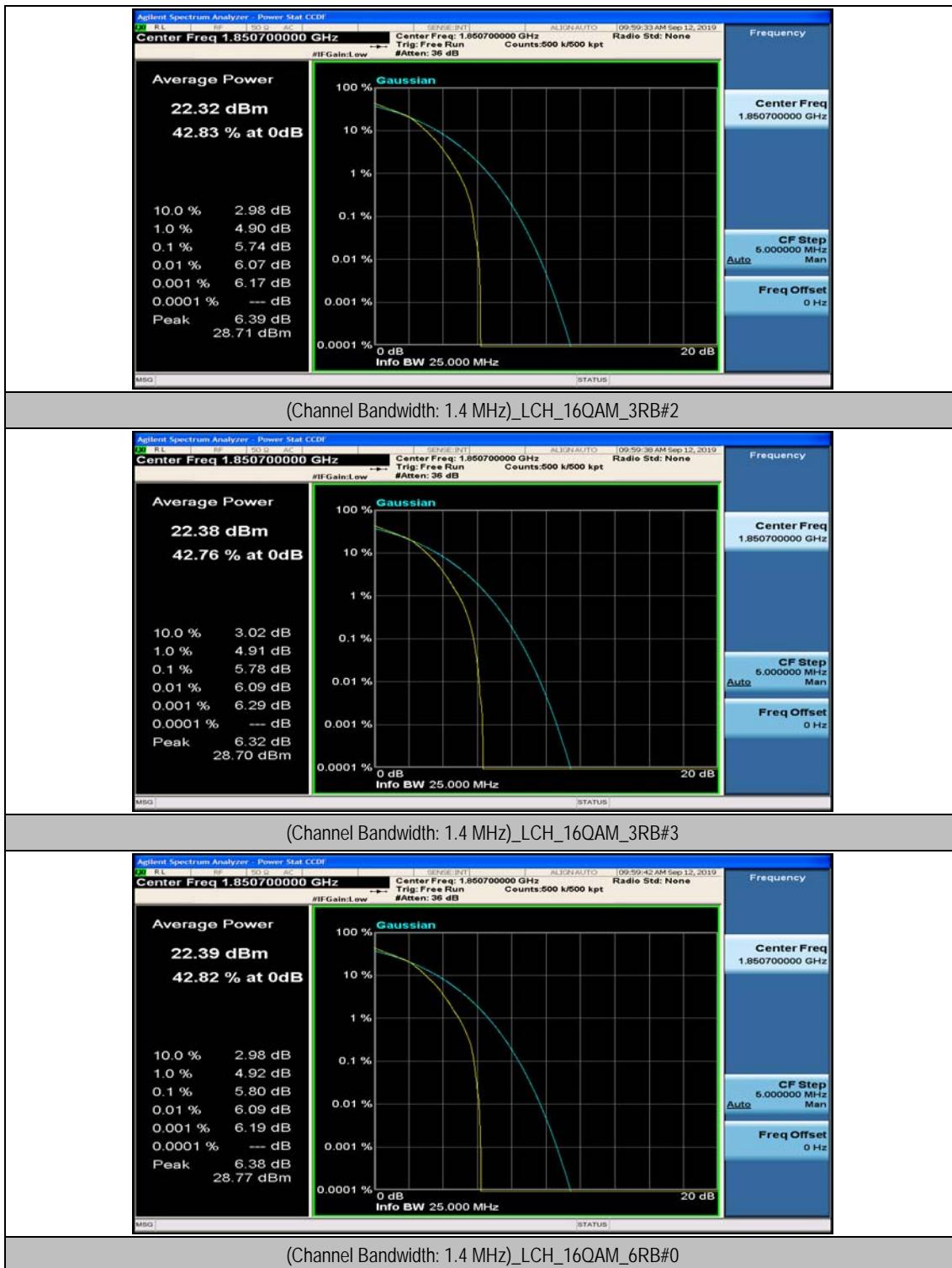


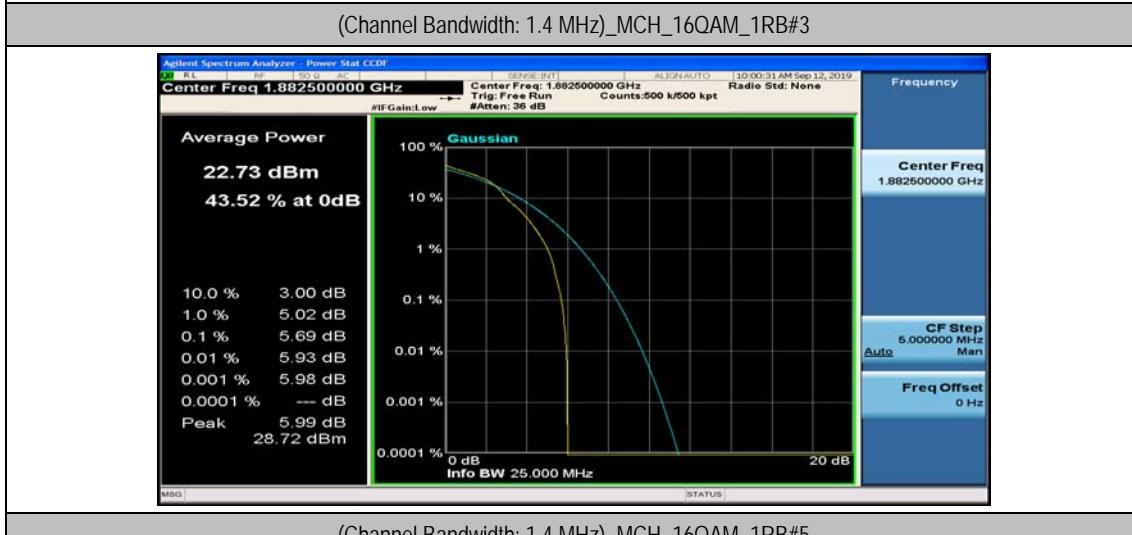
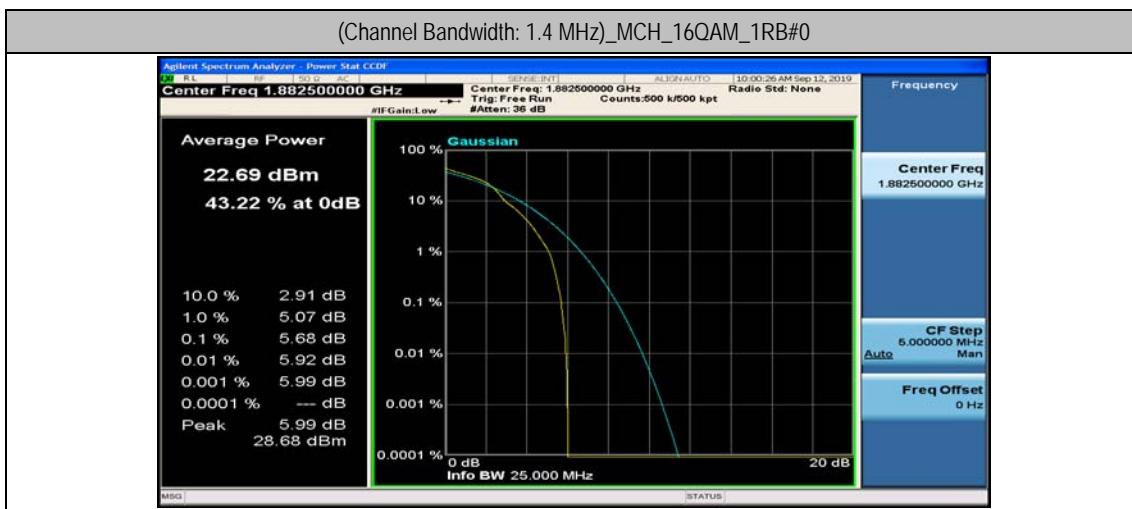


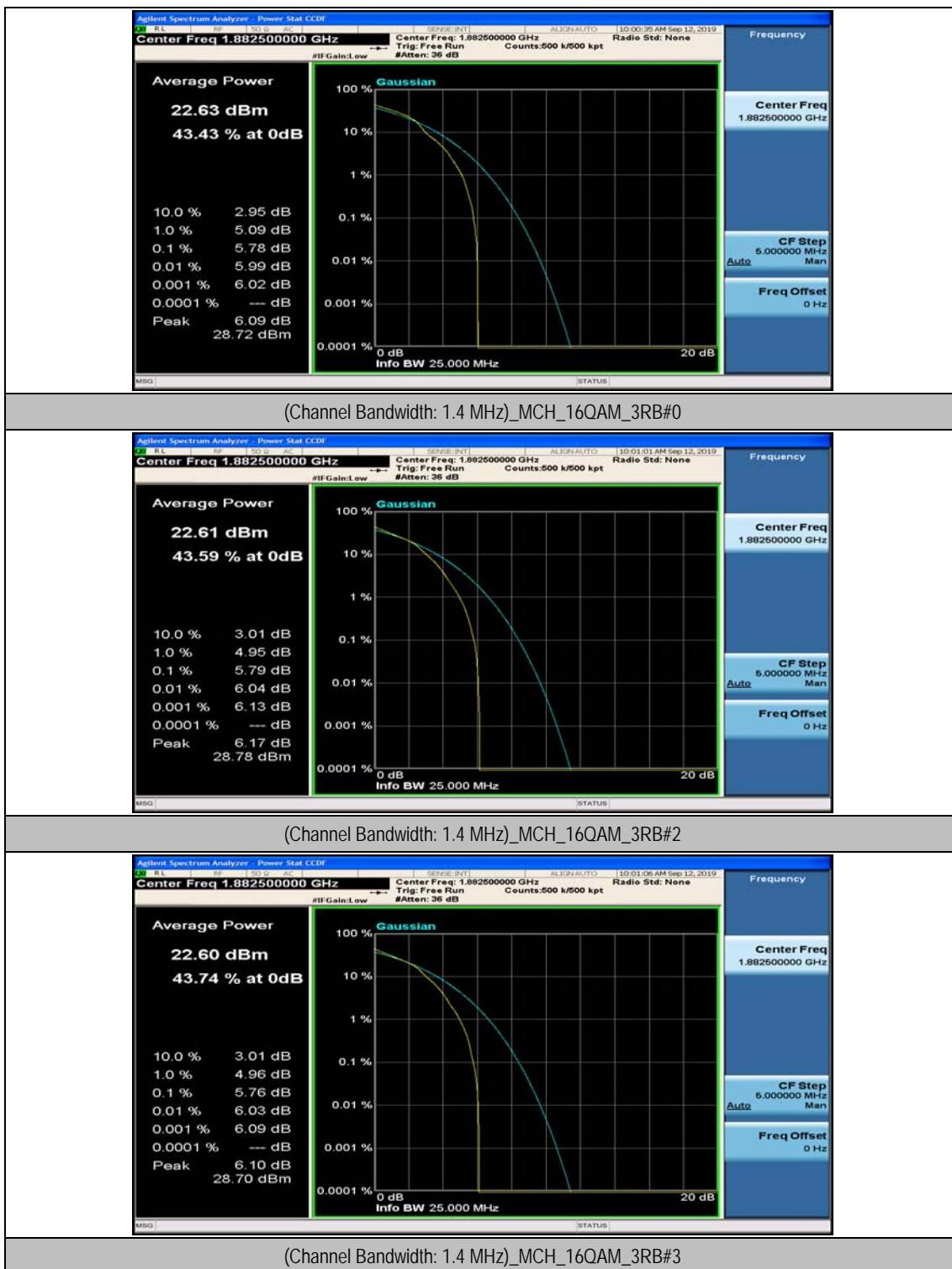


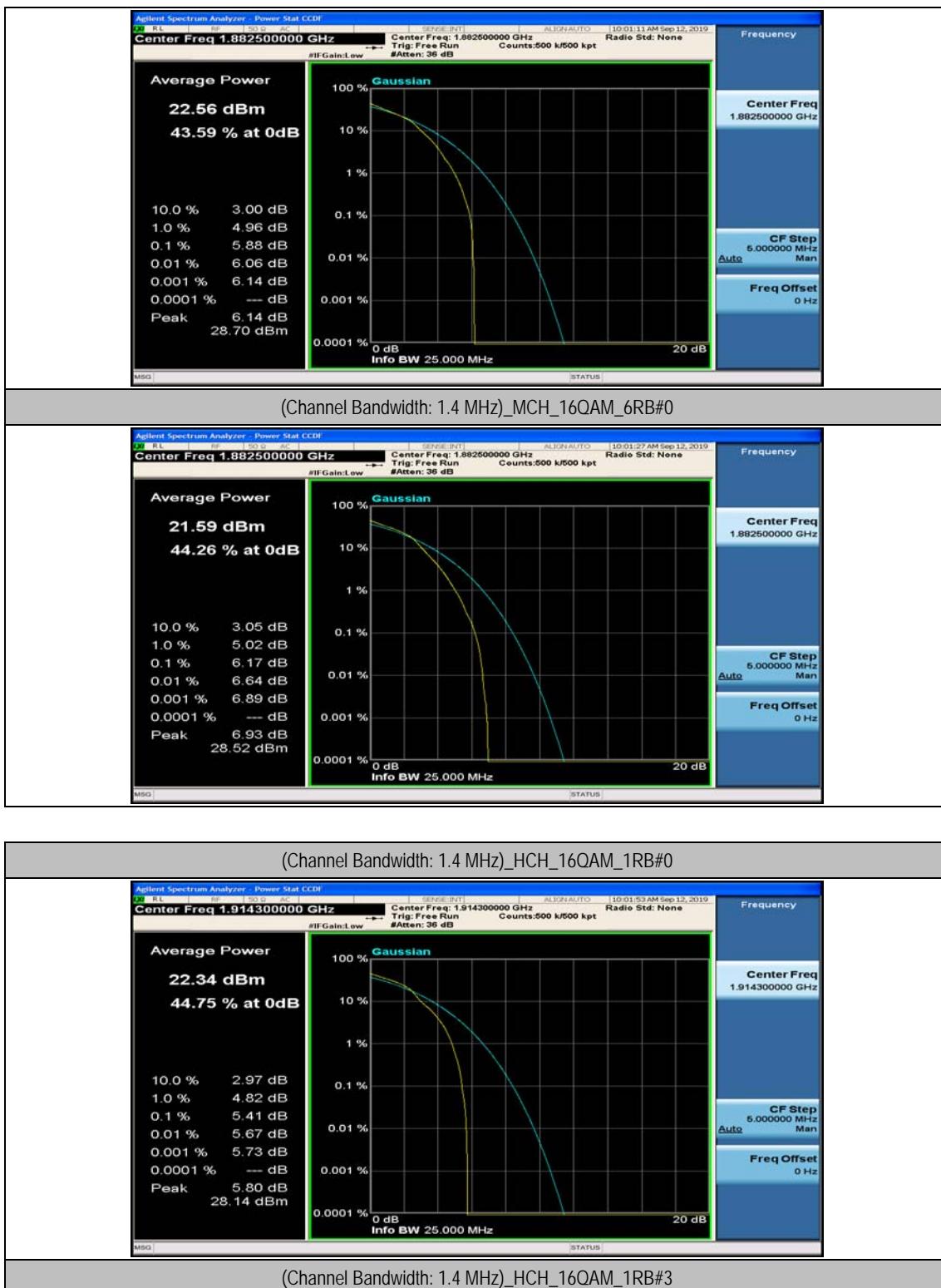


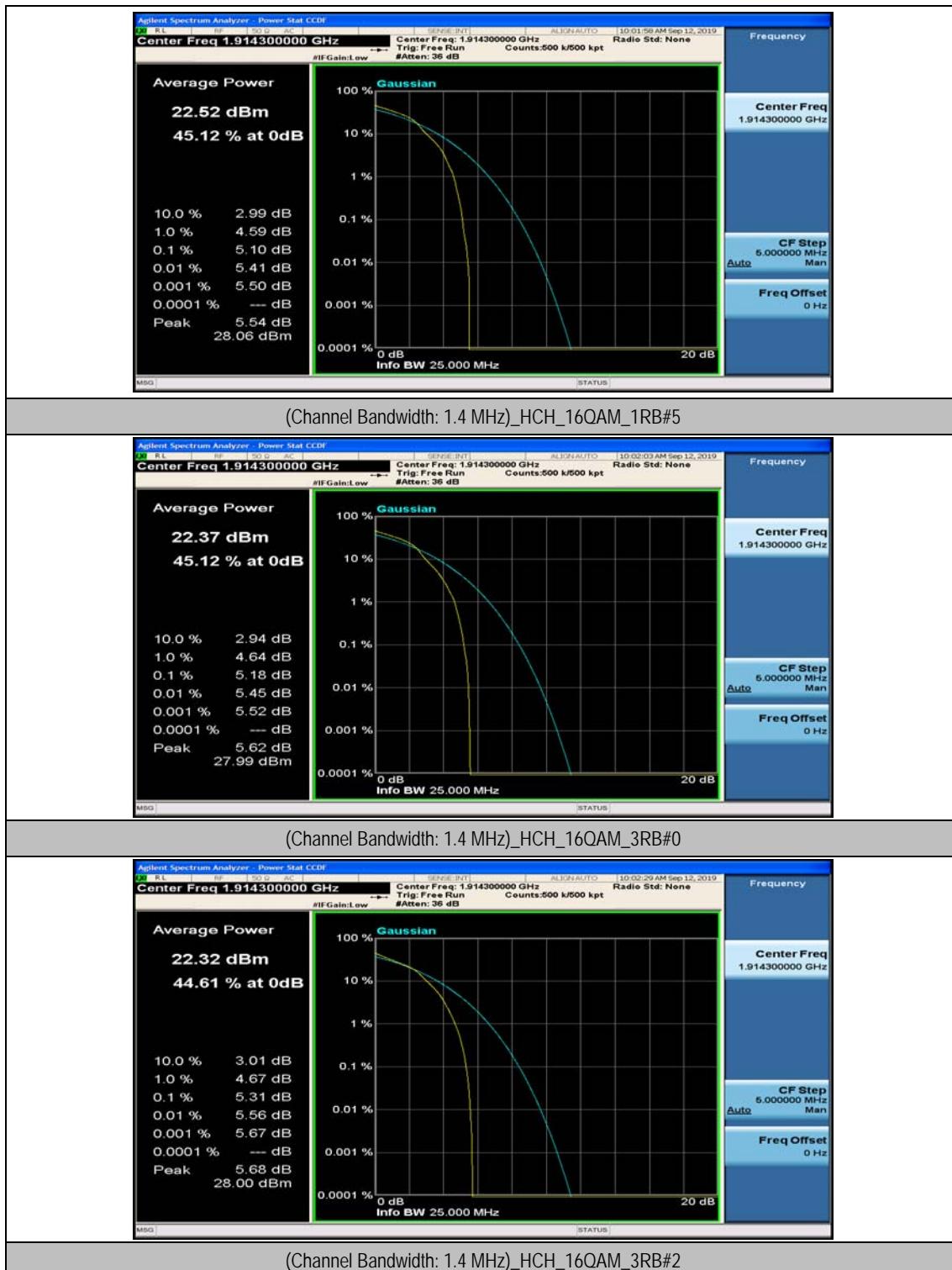


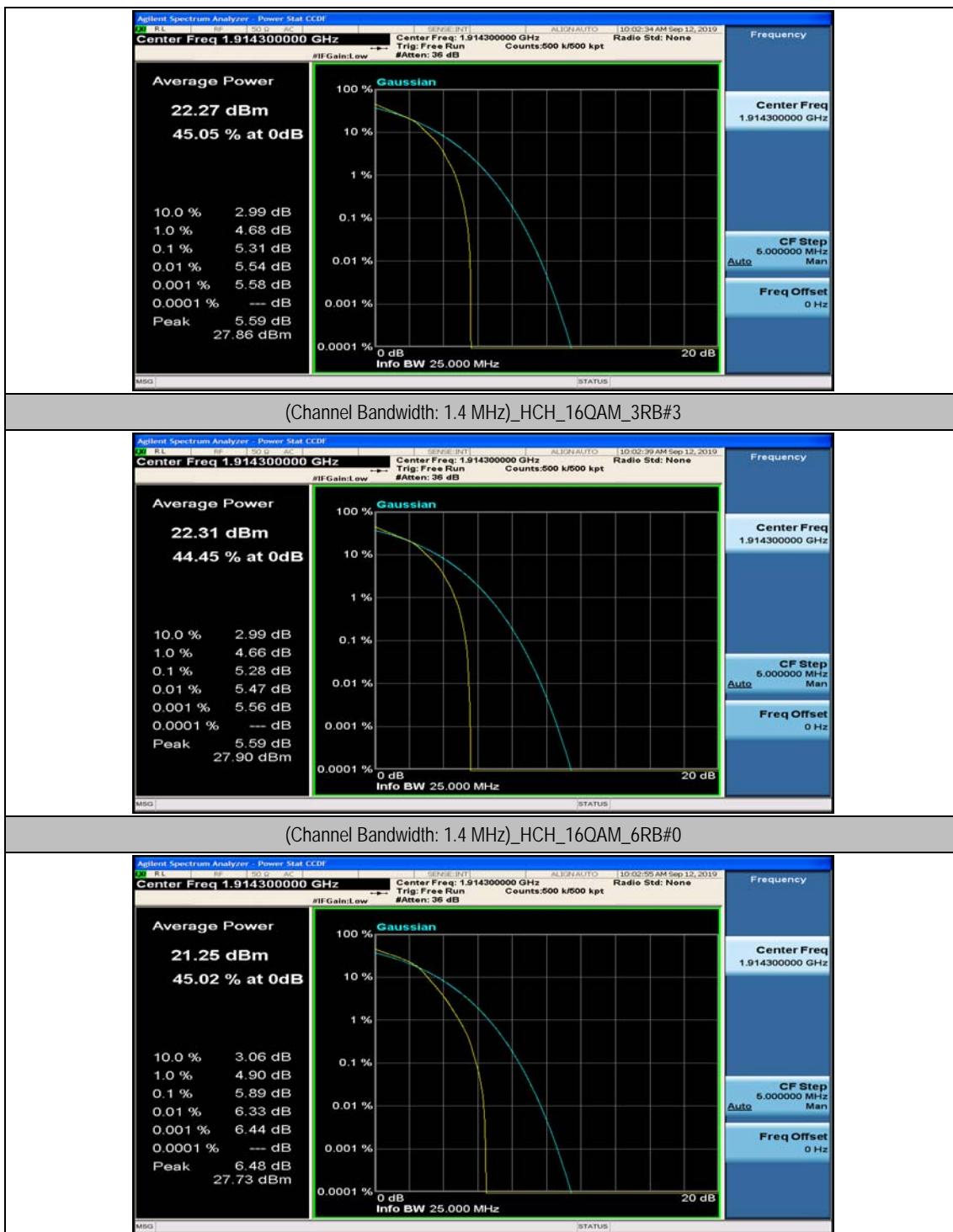




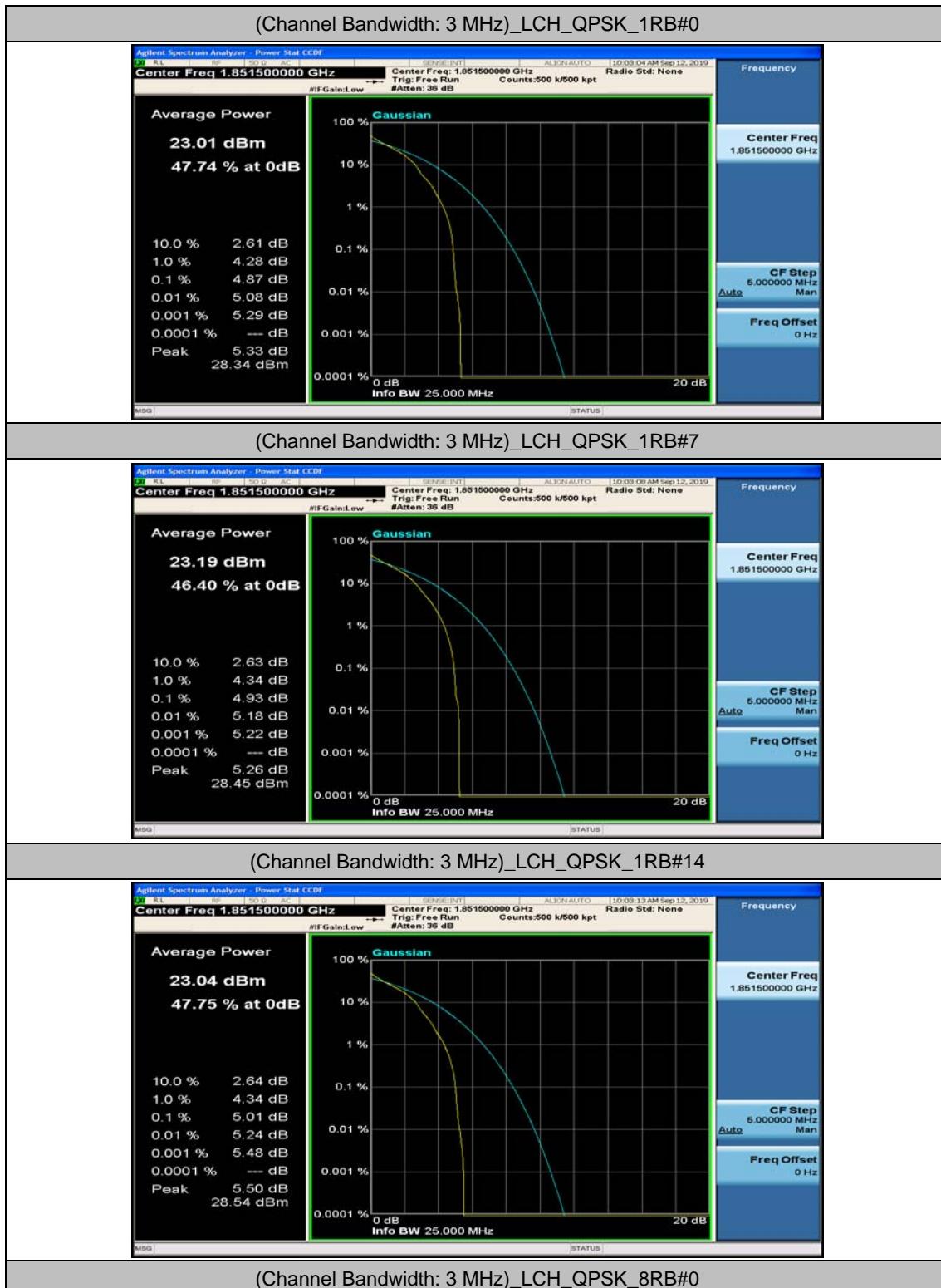


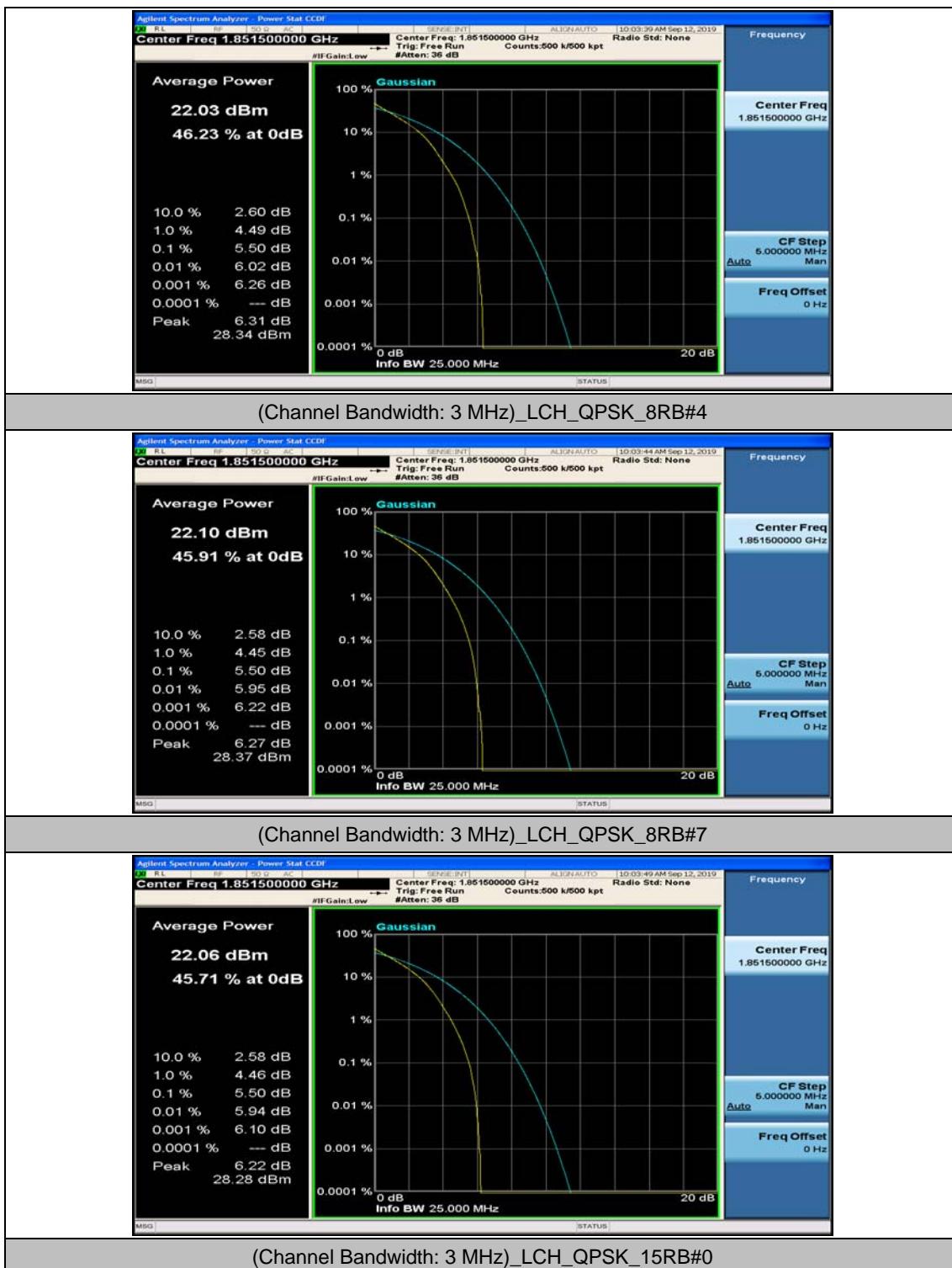


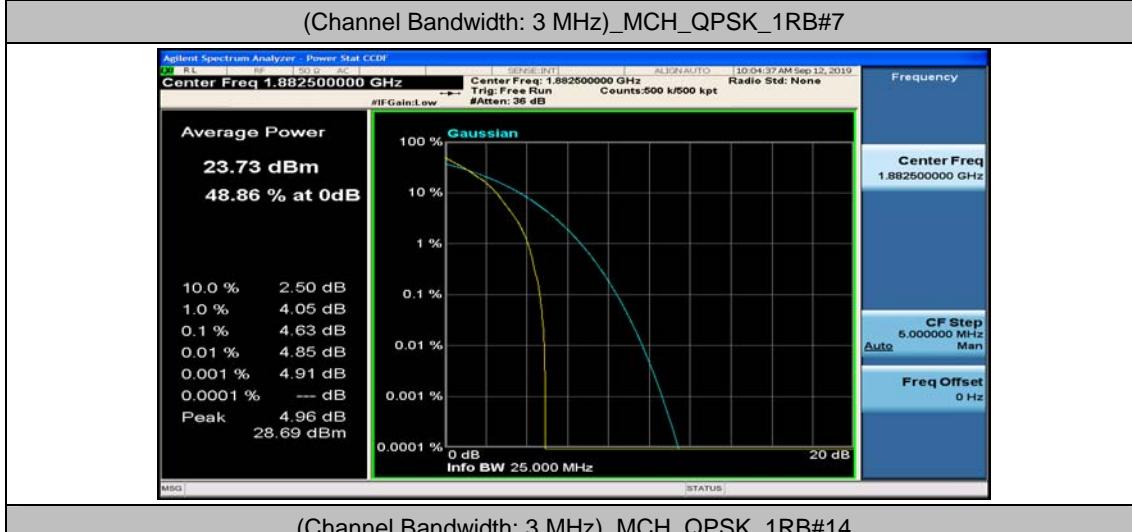
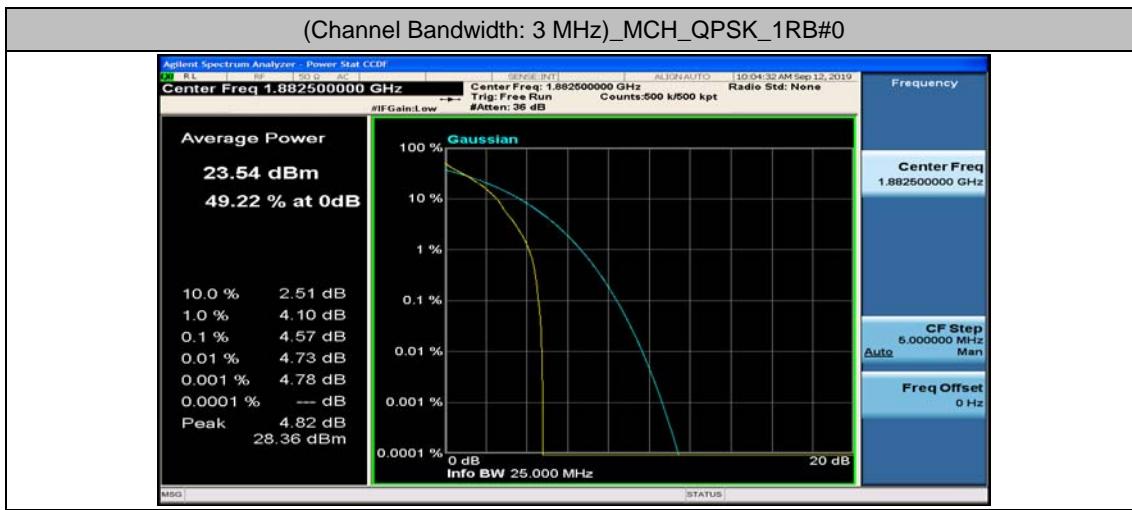
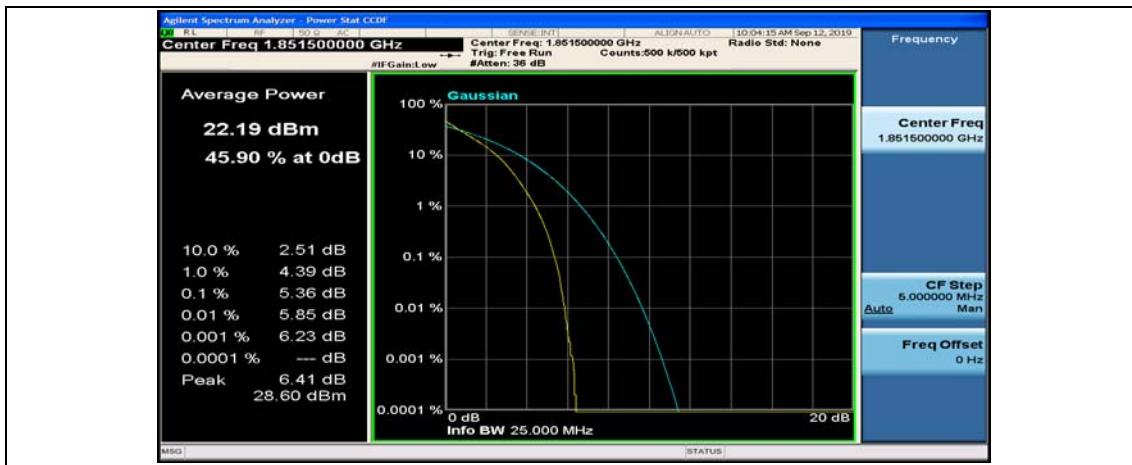




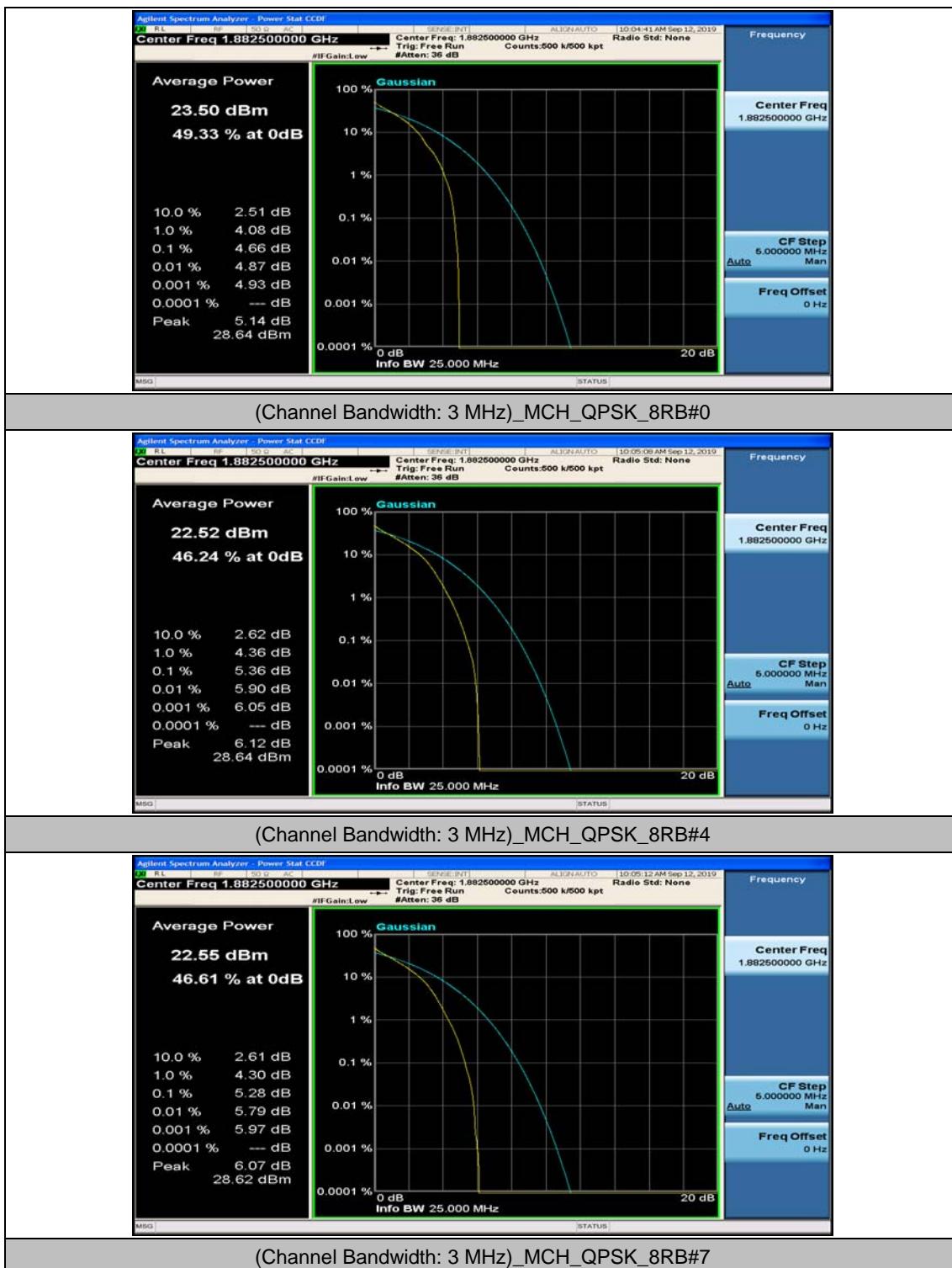
Channel Bandwidth: 3 MHz

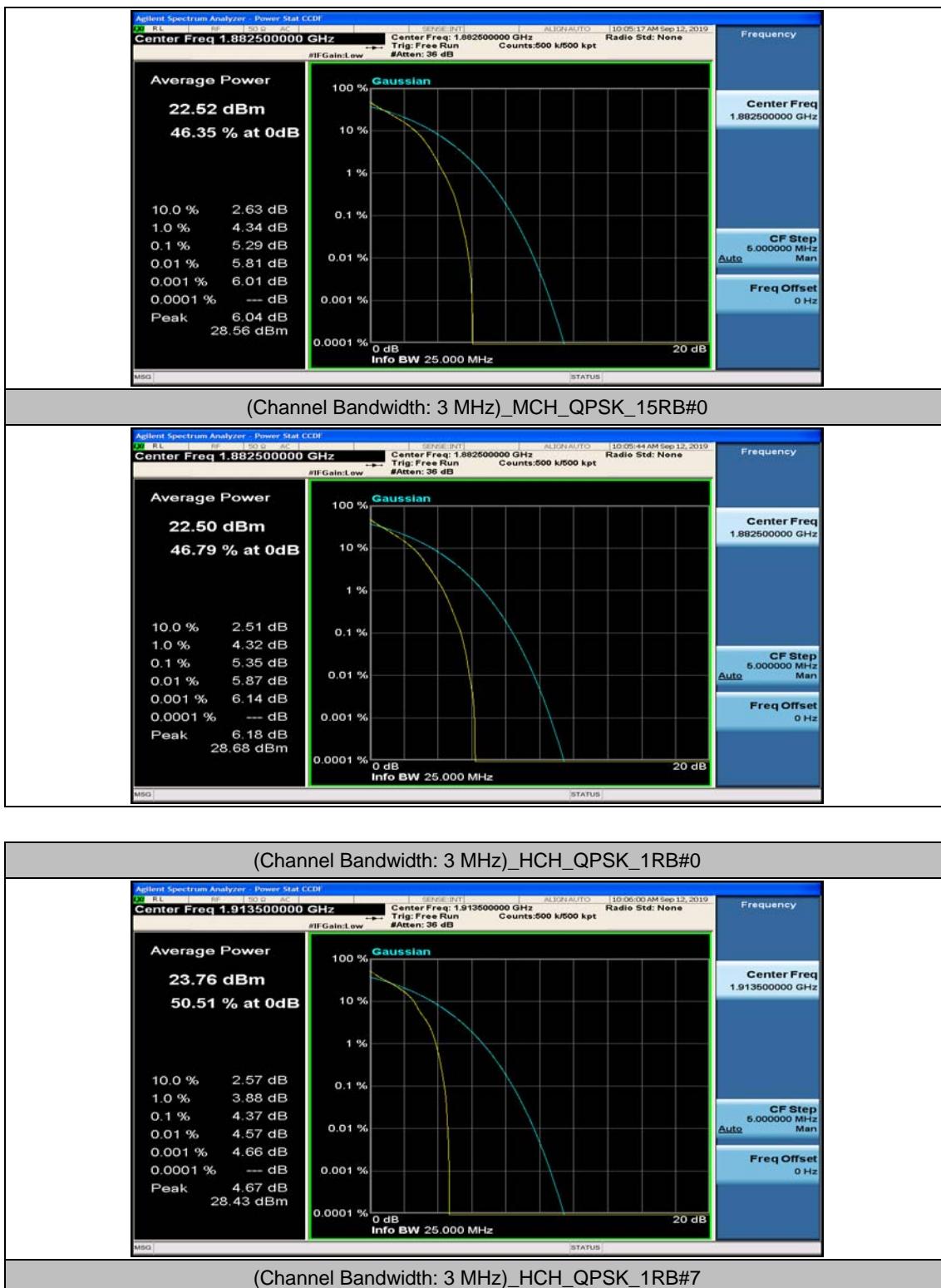


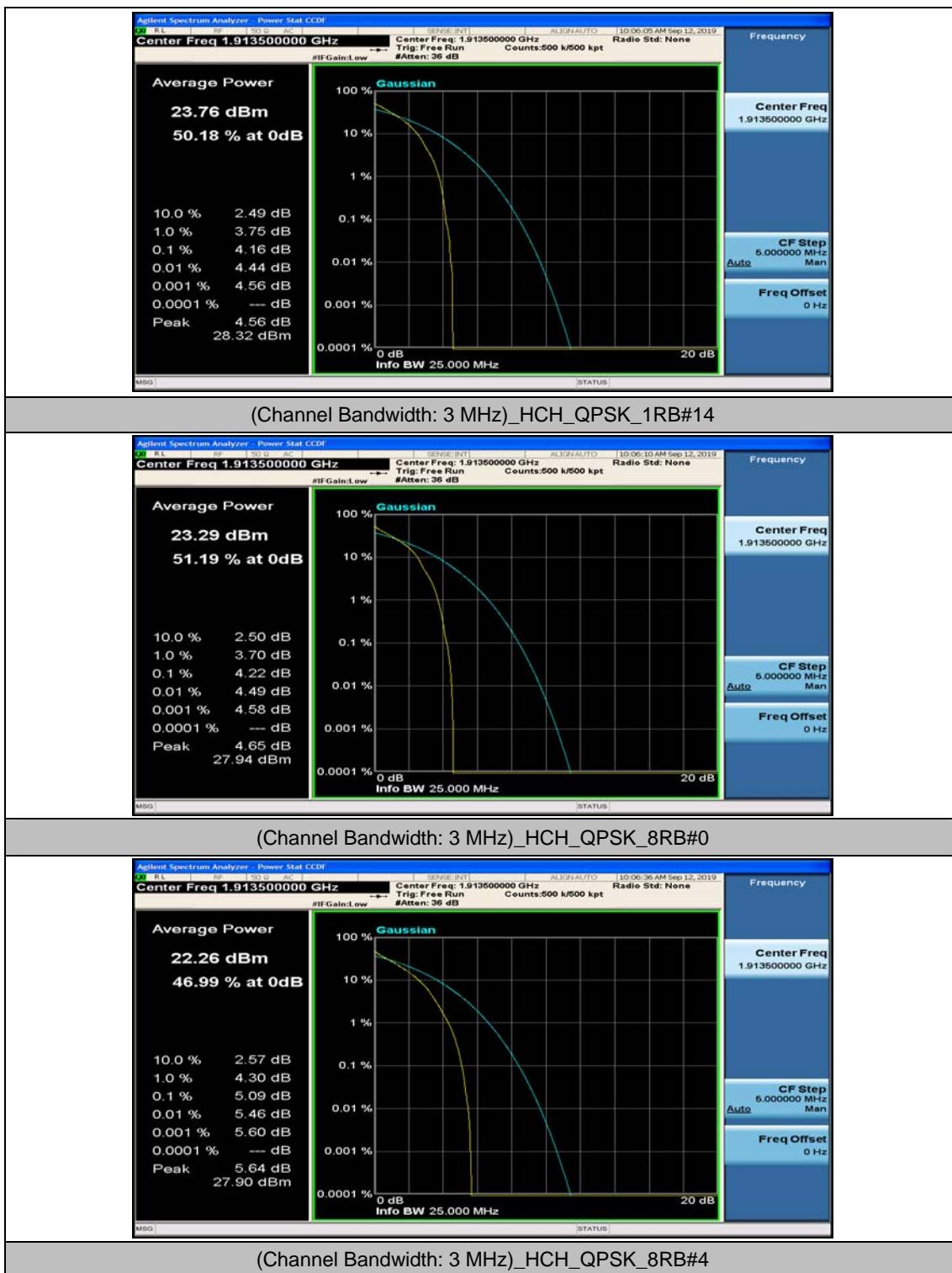


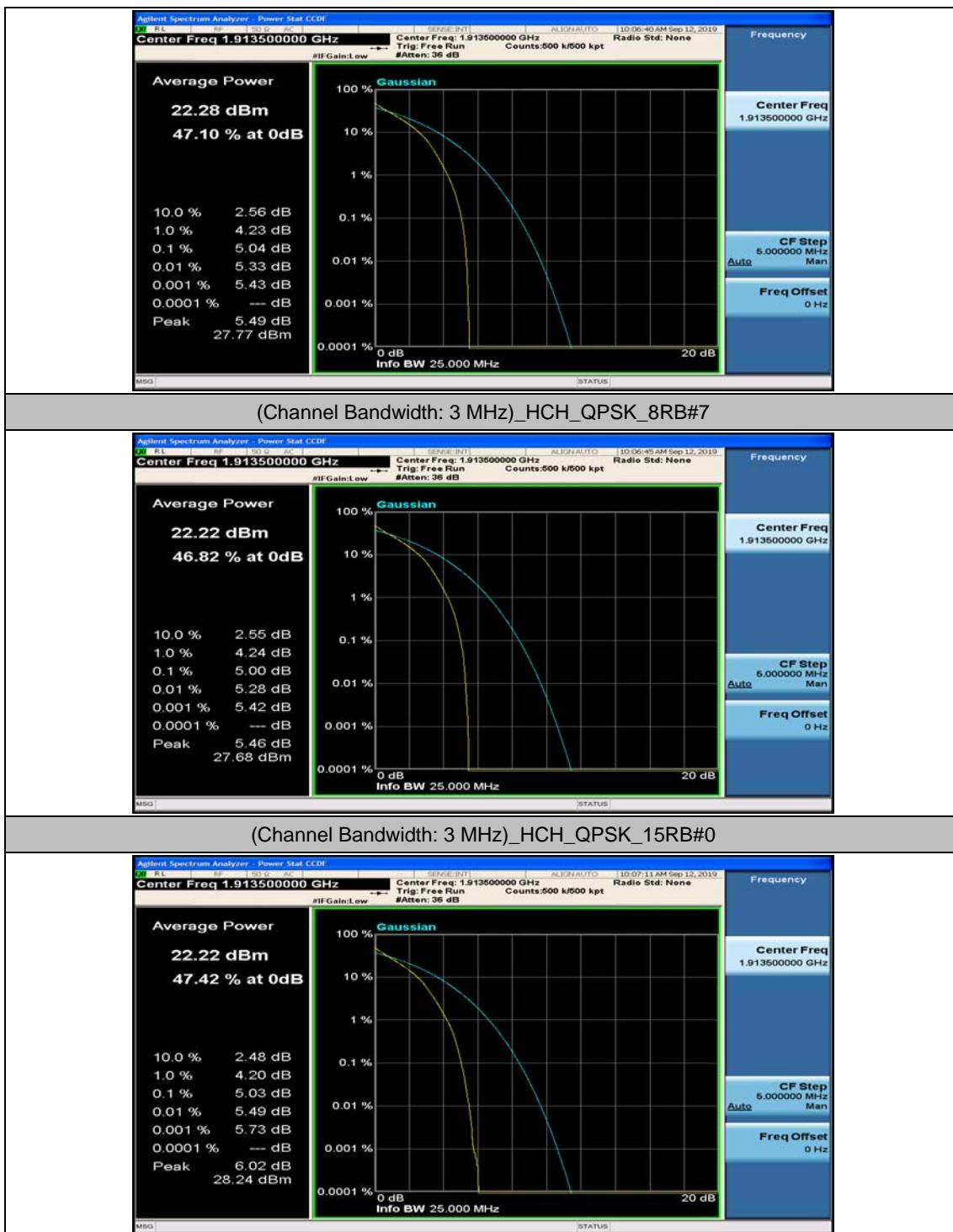


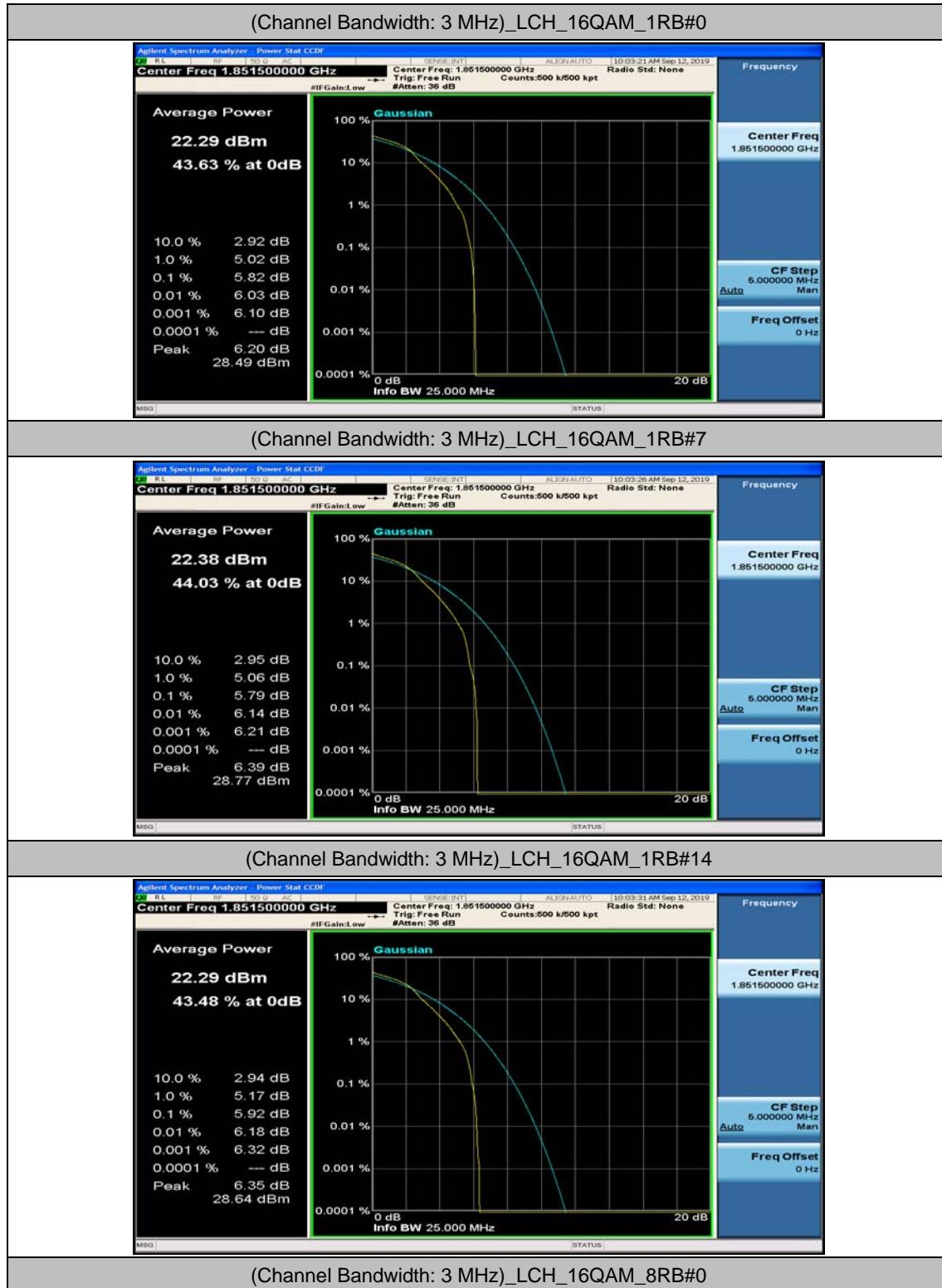
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14

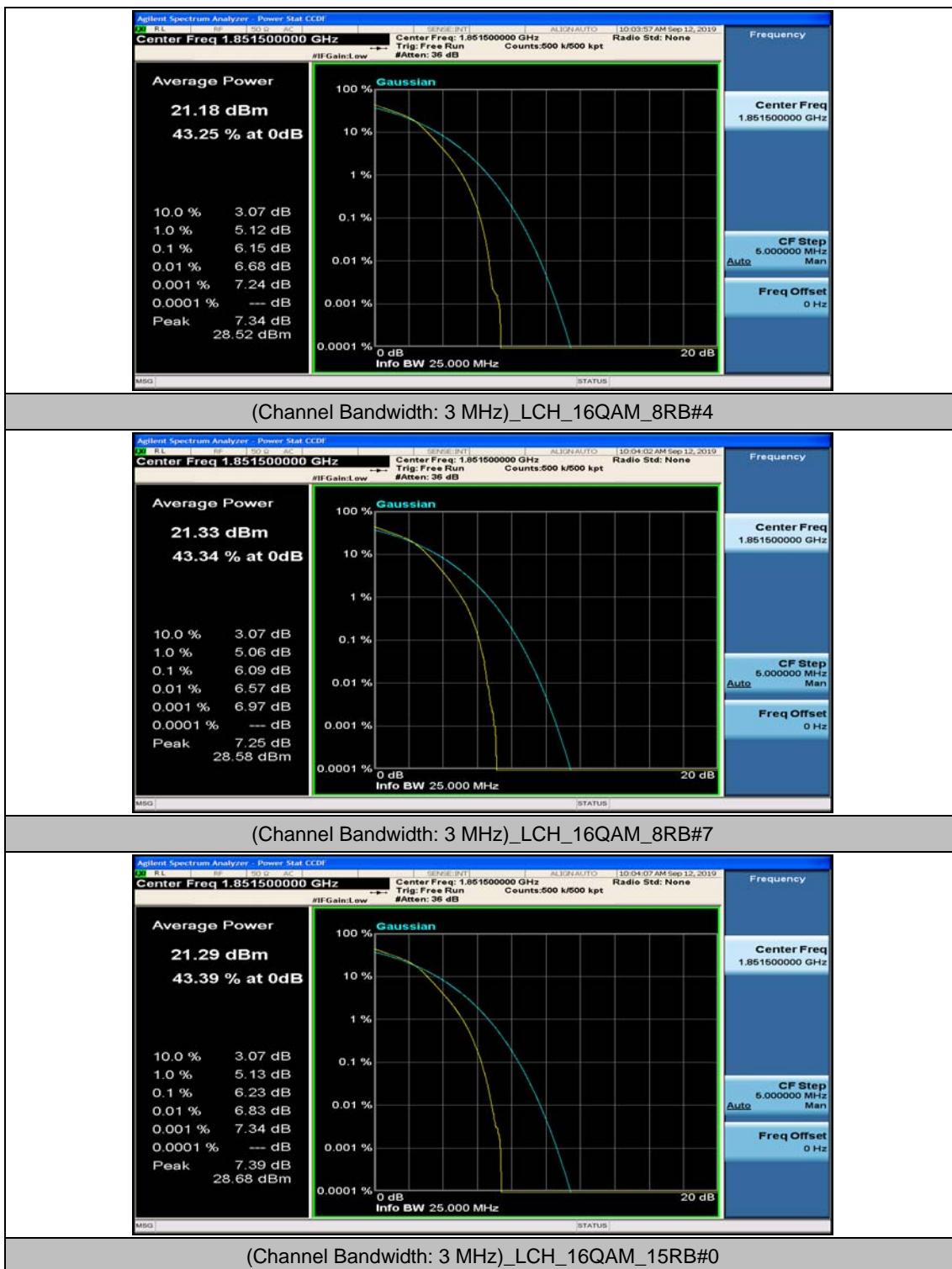


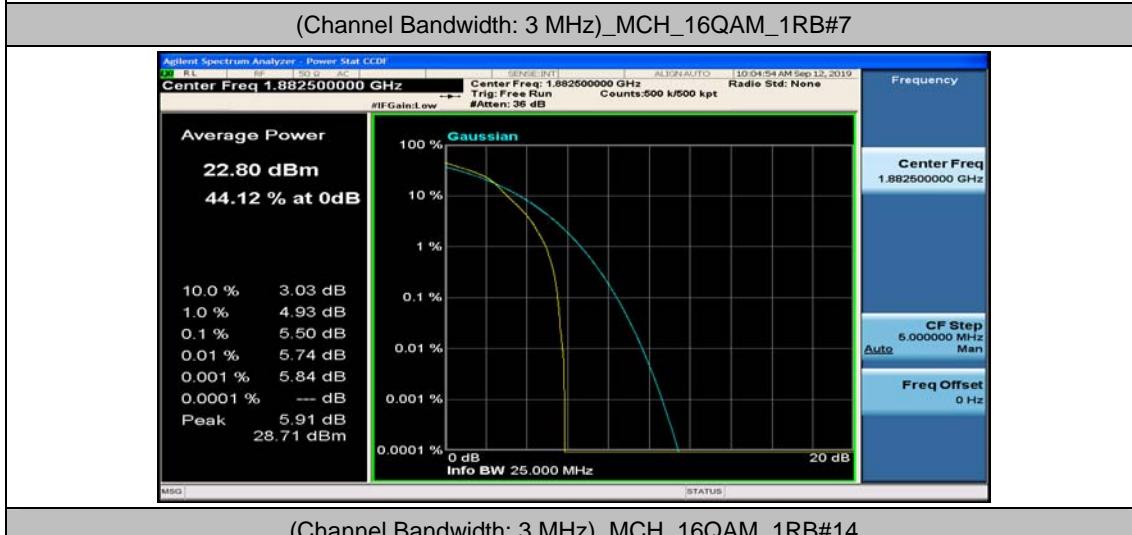
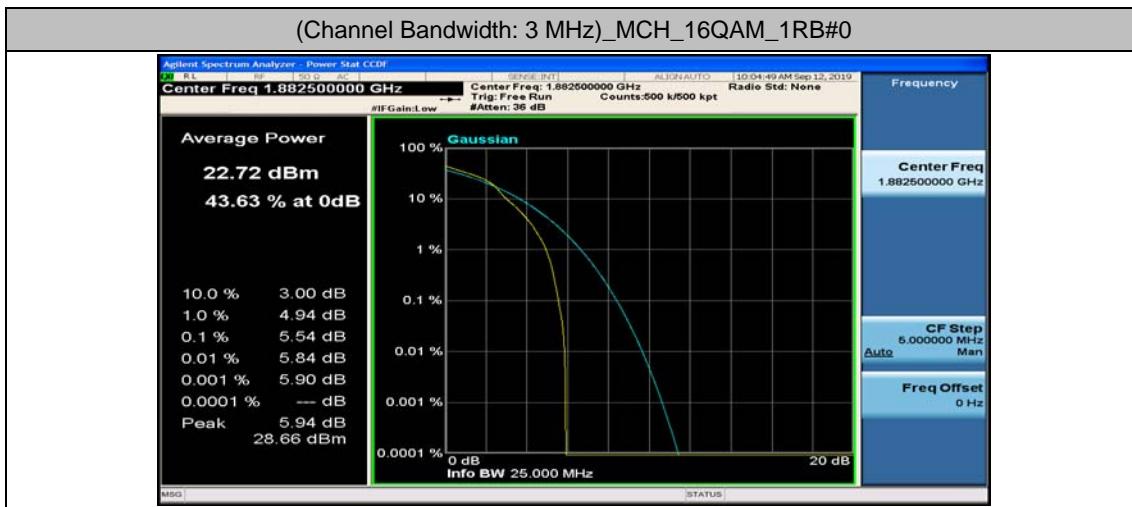
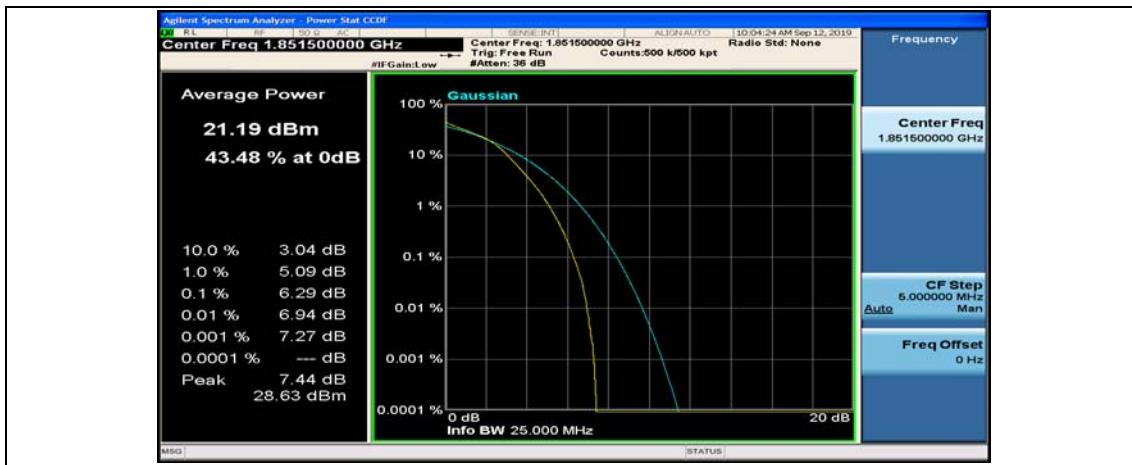




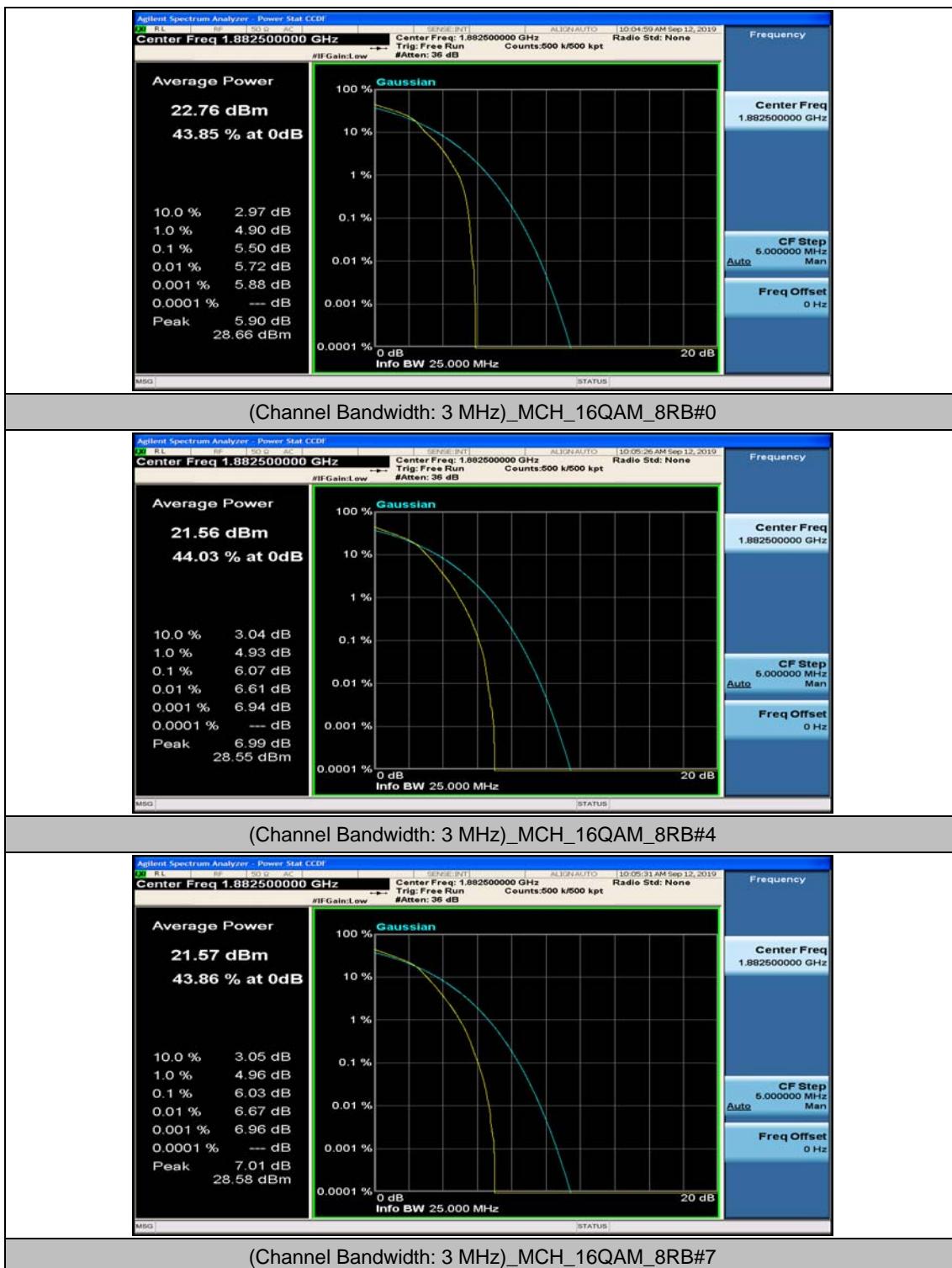


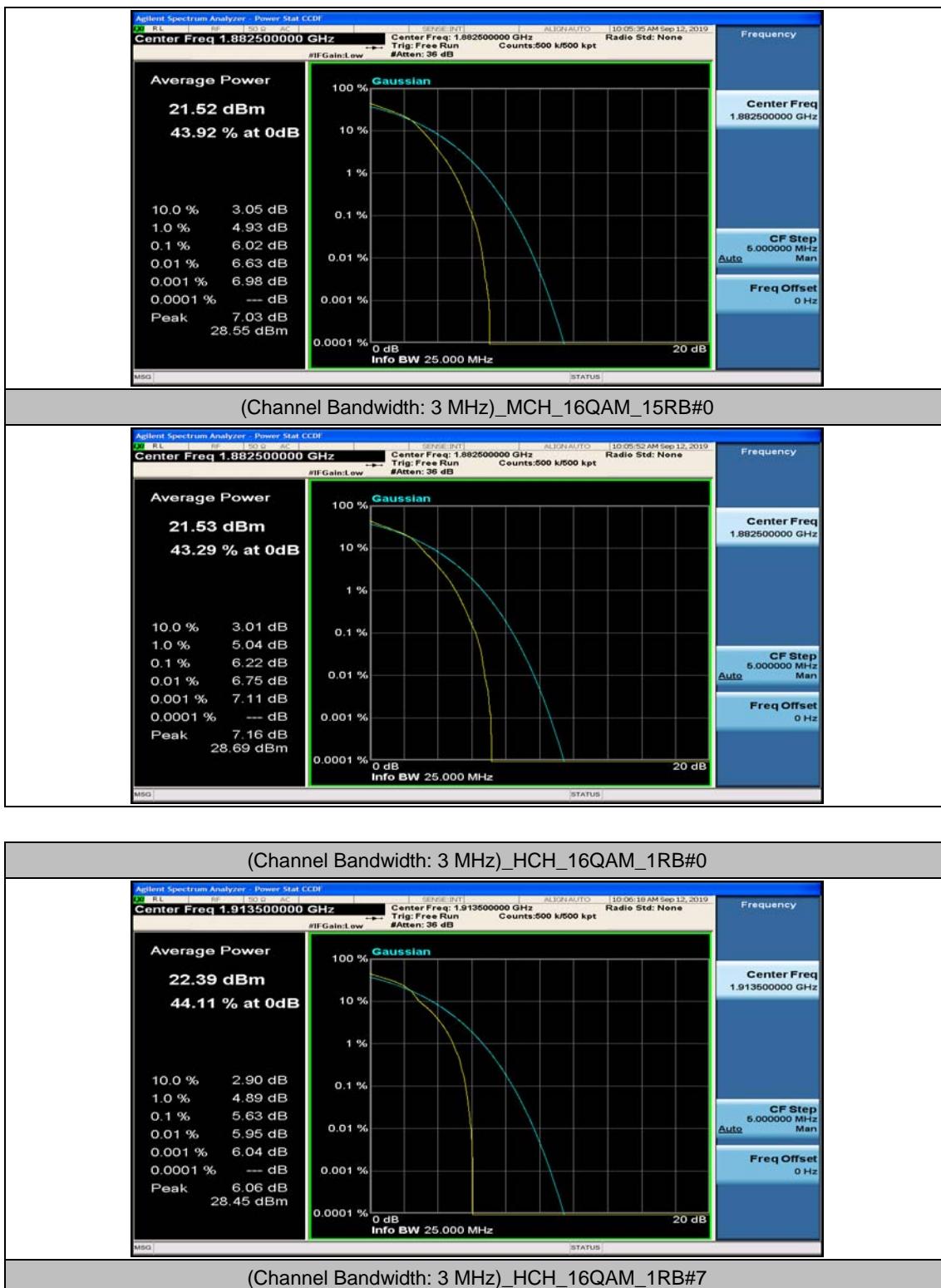


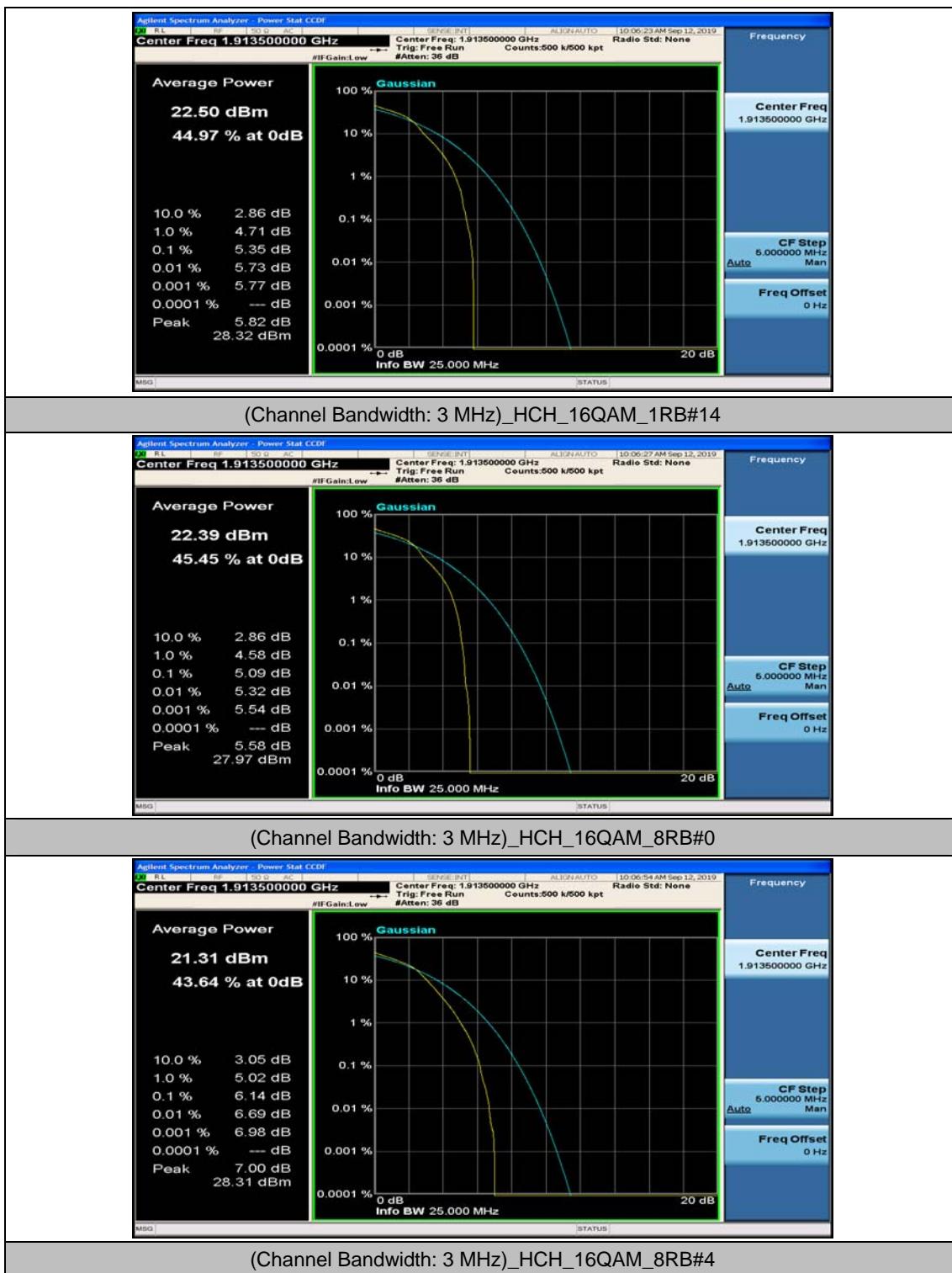


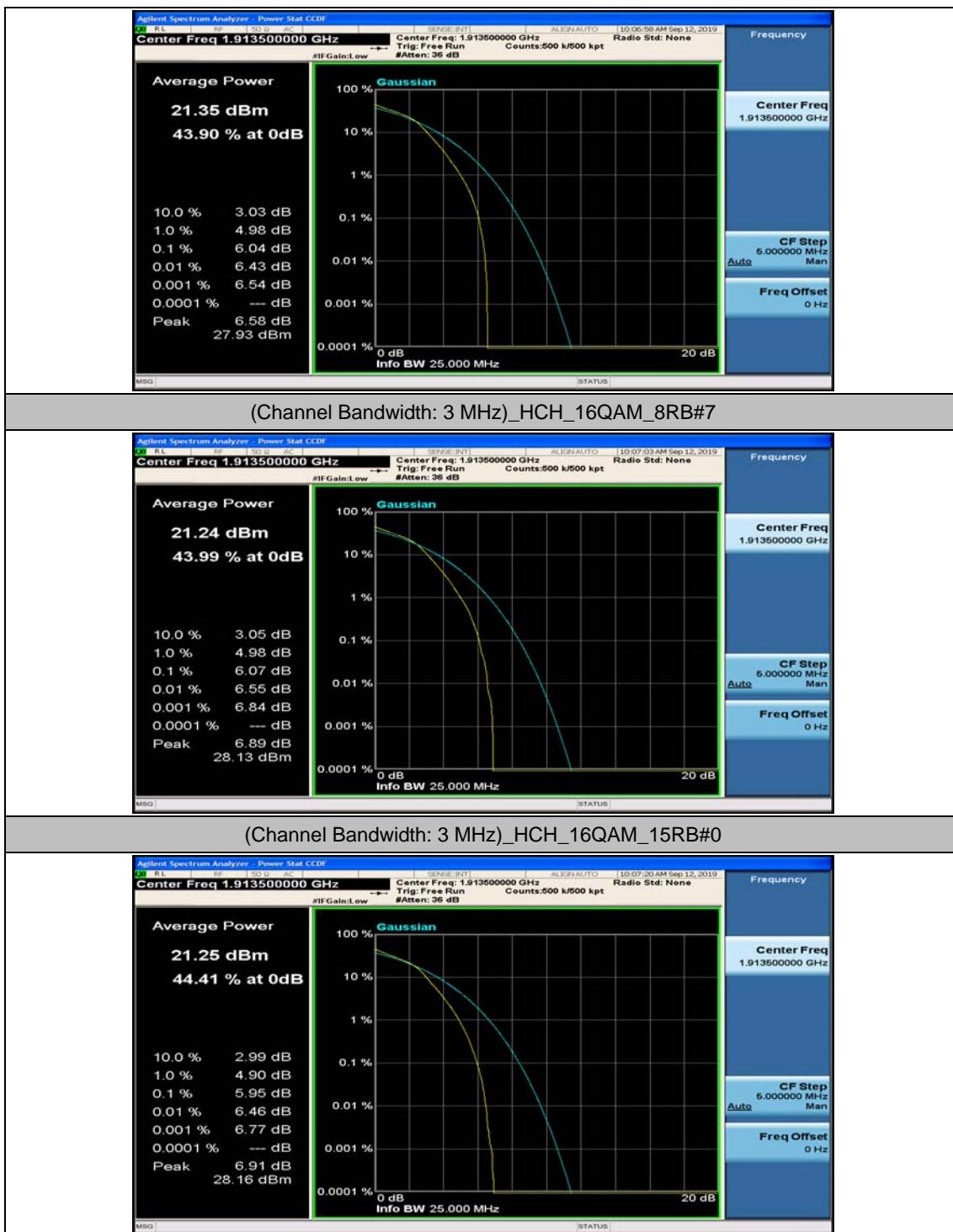


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14

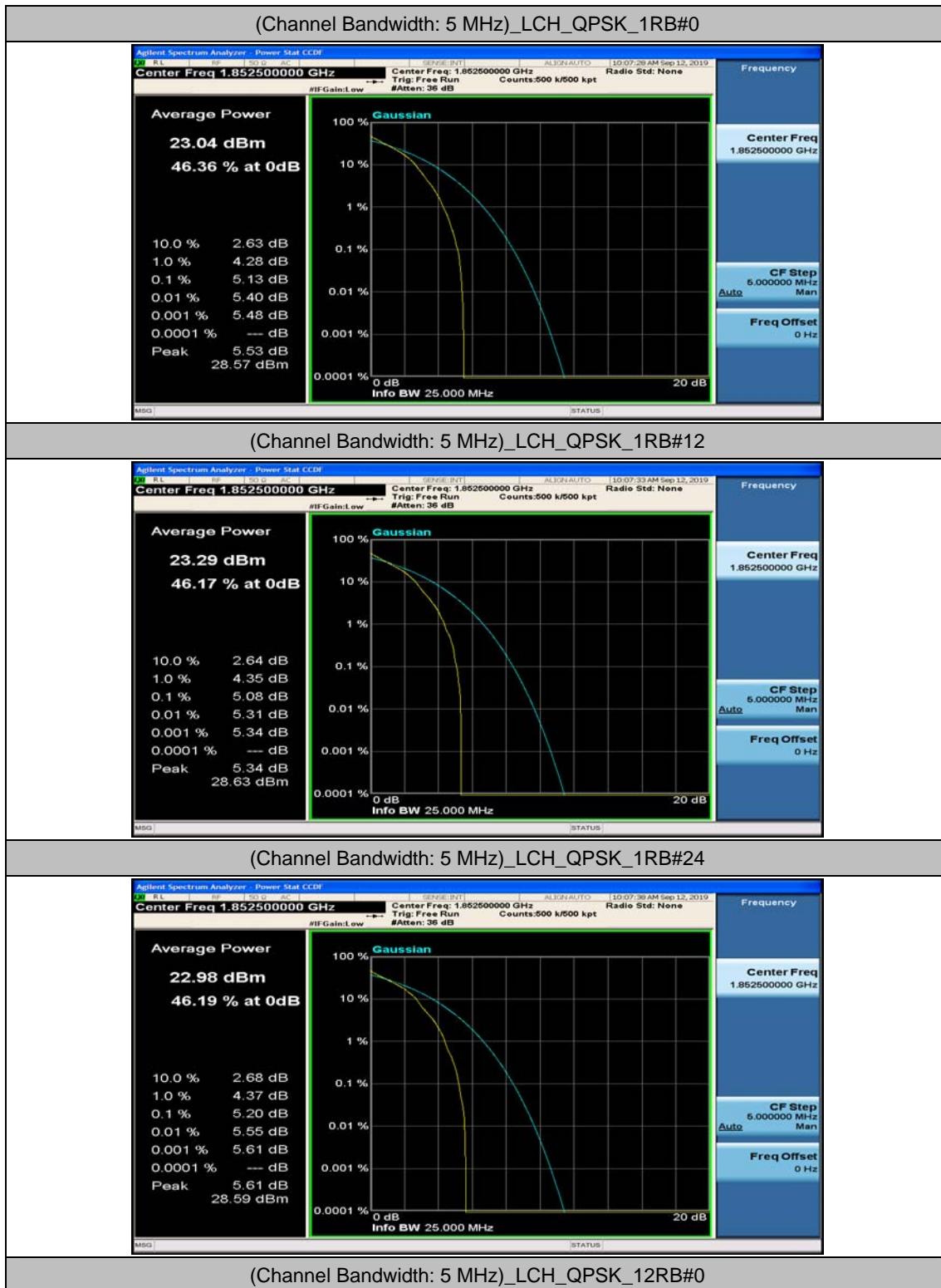


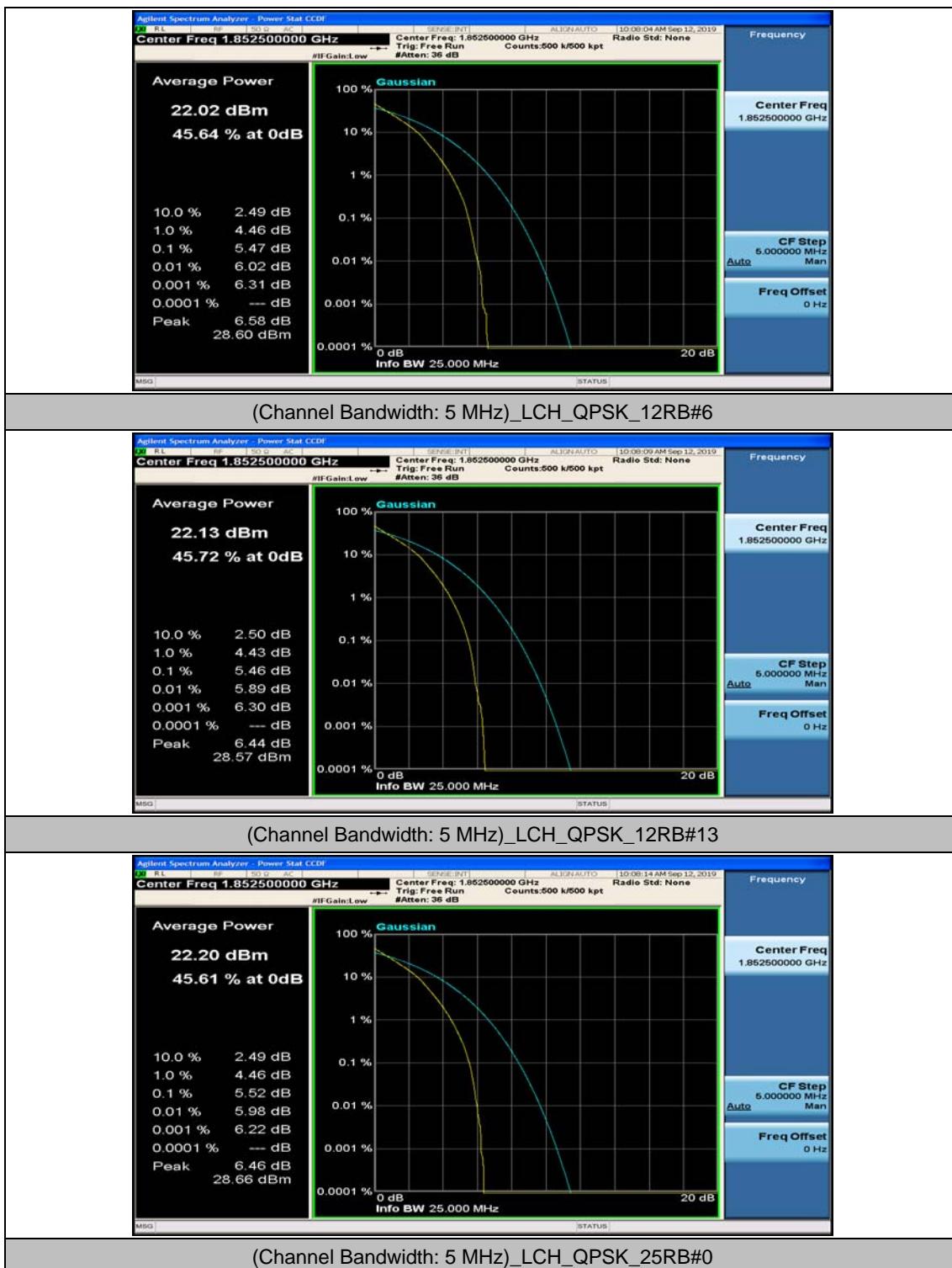


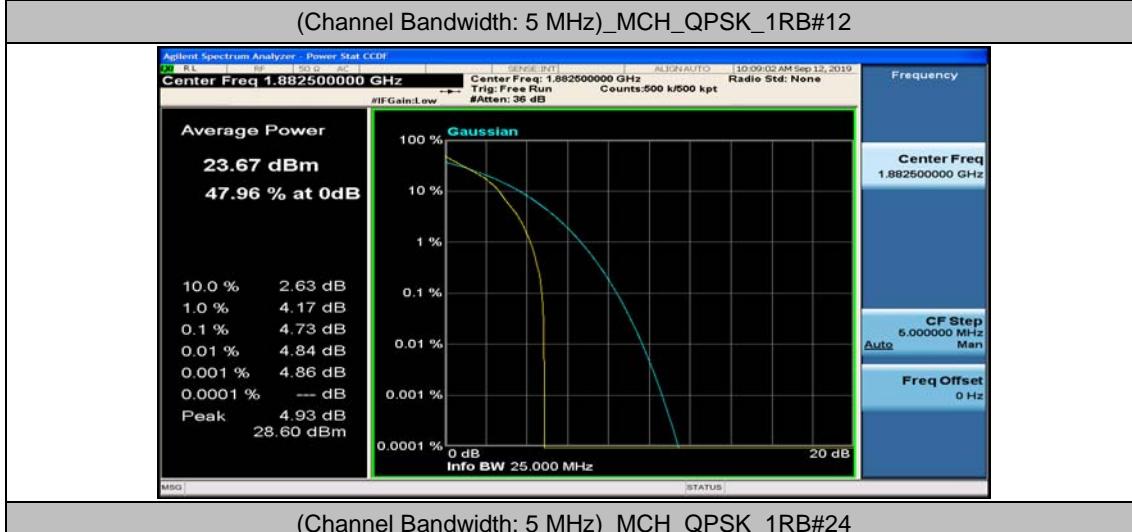
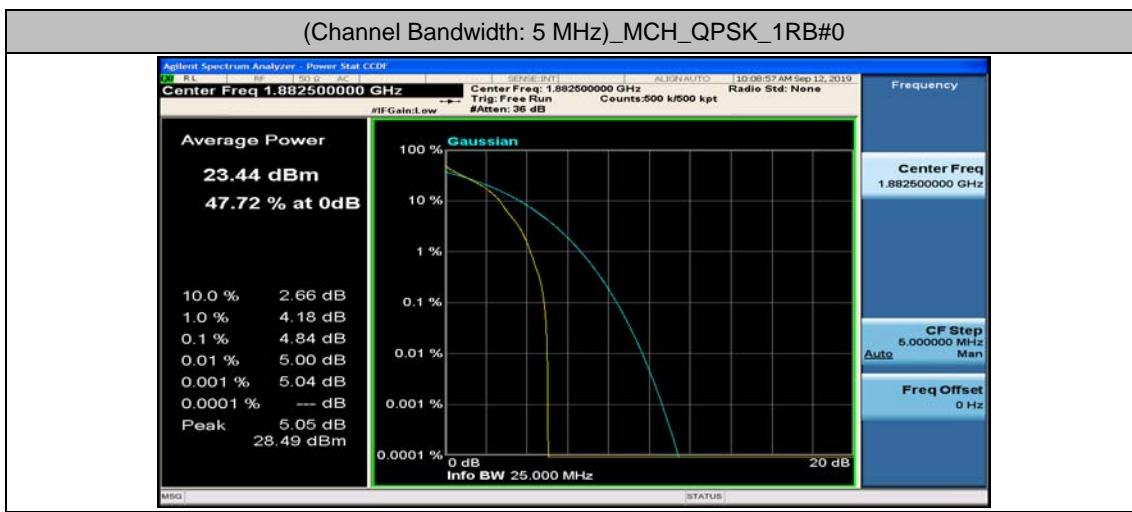
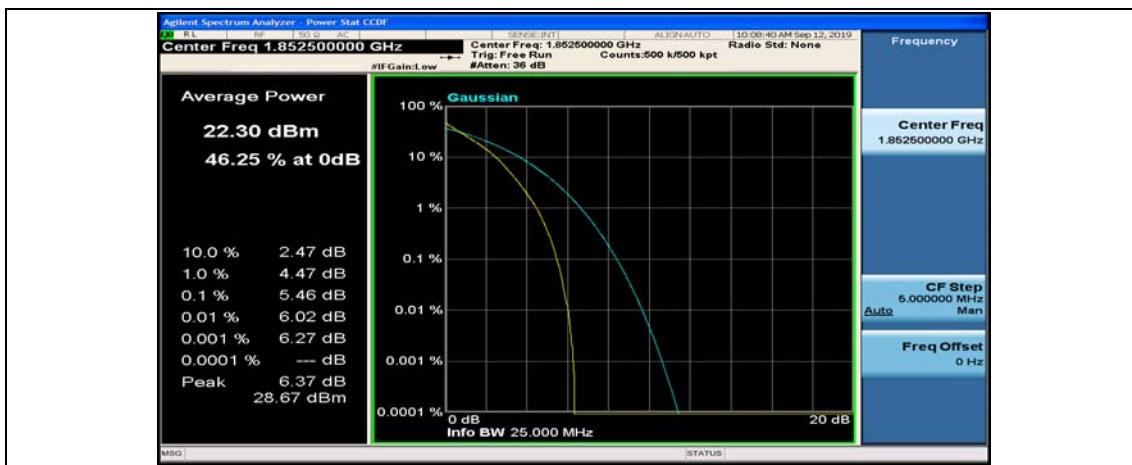




Channel Bandwidth: 5 MHz







(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24

