

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	23.61	PASS
		1	3	23.69	PASS
		1	5	23.52	PASS
		3	0	22.5	PASS
		3	2	22.56	PASS
		3	3	22.53	PASS
		6	0	22.65	PASS
	MCH	1	0	22.62	PASS
		1	3	22.75	PASS
		1	5	22.62	PASS
		3	0	22.68	PASS
		3	2	22.68	PASS
		3	3	22.65	PASS
		6	0	21.79	PASS
16QAM	LCH	1	0	22.68	PASS
		1	3	22.77	PASS
		1	5	22.7	PASS
		3	0	22.72	PASS
		3	2	22.72	PASS
		3	3	22.77	PASS
		6	0	21.86	PASS
	MCH	1	0	22.69	PASS
		1	3	22.36	PASS
		1	5	22.71	PASS
		3	0	22.68	PASS
		3	2	22.67	PASS
		3	3	22.68	PASS
		6	0	21.53	PASS

		3	0	21.68	PASS
		3	2	21.73	PASS
		3	3	21.68	PASS
		6	0	20.64	PASS
HCH	HCH	1	0	21.91	PASS
		1	3	22.14	PASS
		1	5	21.97	PASS
		3	0	21.88	PASS
		3	2	21.88	PASS
		3	3	21.93	PASS
		6	0	20.89	PASS

Channel Bandwidth: 3 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.48	PASS
		1	7	23.7	PASS
		1	14	23.41	PASS
		8	0	22.64	PASS
		8	4	22.64	PASS
		8	7	22.59	PASS
		15	0	22.57	PASS
	MCH	1	0	22.69	PASS
		1	7	22.91	PASS
		1	14	22.62	PASS
		8	0	21.8	PASS
		8	4	21.79	PASS
		8	7	21.77	PASS
		15	0	21.68	PASS
16QAM	HCH	1	0	22.66	PASS
		1	7	22.78	PASS
		1	14	22.73	PASS
		8	0	21.77	PASS
		8	4	21.85	PASS
		8	7	21.79	PASS
		15	0	21.77	PASS
	LCH	1	0	22.74	PASS
		1	7	22.64	PASS
		1	14	22.73	PASS
		8	0	21.62	PASS
		8	4	21.64	PASS
		8	7	21.52	PASS

		15	0	21.47	PASS
MCH	MCH	1	0	21.99	PASS
		1	7	22.19	PASS
		1	14	22.02	PASS
		8	0	20.7	PASS
		8	4	20.7	PASS
		8	7	20.66	PASS
		15	0	20.67	PASS
HCH	HCH	1	0	21.92	PASS
		1	7	22.18	PASS
		1	14	21.98	PASS
		8	0	20.65	PASS
		8	4	20.76	PASS
		8	7	20.67	PASS
		15	0	20.71	PASS

Channel Bandwidth: 5 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.49	PASS
		1	12	23.75	PASS
		1	24	23.35	PASS
		12	0	22.56	PASS
		12	6	22.61	PASS
		12	13	22.49	PASS
		25	0	22.54	PASS
	MCH	1	0	22.63	PASS
		1	12	22.94	PASS
		1	24	22.58	PASS
		12	0	21.73	PASS
		12	6	21.76	PASS
		12	13	21.65	PASS
		25	0	21.7	PASS
	HCH	1	0	22.61	PASS
		1	12	23.01	PASS
		1	24	22.69	PASS
		12	0	21.78	PASS
		12	6	21.76	PASS
		12	13	21.69	PASS
		25	0	21.71	PASS
16QAM	LCH	1	0	22.7	PASS
		1	12	23	PASS

		1	24	22.66	PASS
		12	0	21.61	PASS
		12	6	21.66	PASS
		12	13	21.48	PASS
		25	0	21.51	PASS
	MCH	1	0	21.79	PASS
		1	12	22.12	PASS
		1	24	21.84	PASS
		12	0	20.79	PASS
		12	6	20.86	PASS
		12	13	20.74	PASS
		25	0	20.68	PASS
	HCH	1	0	21.74	PASS
		1	12	22.08	PASS
		1	24	21.91	PASS
		12	0	20.69	PASS
		12	6	20.74	PASS
		12	13	20.67	PASS
		25	0	20.67	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.44	PASS
		1	24	23.46	PASS
		1	49	23.14	PASS
		25	0	22.57	PASS
		25	12	22.45	PASS
		25	25	22.48	PASS
		50	0	22.52	PASS
	MCH	1	0	22.71	PASS
		1	24	22.72	PASS
		1	49	22.54	PASS
		25	0	21.83	PASS
		25	12	21.71	PASS
		25	25	21.65	PASS
		50	0	21.7	PASS
	HCH	1	0	22.54	PASS
		1	24	22.67	PASS
		1	49	22.71	PASS
		25	0	21.74	PASS
		25	12	21.67	PASS

		25	25	21.62	PASS
		50	0	21.67	PASS
16QAM	LCH	1	0	22.74	PASS
		1	24	22.75	PASS
		1	49	22.48	PASS
		25	0	21.56	PASS
		25	12	21.43	PASS
		25	25	21.47	PASS
		50	0	21.46	PASS
	MCH	1	0	21.95	PASS
		1	24	22.07	PASS
		1	49	21.99	PASS
		25	0	20.79	PASS
		25	12	20.67	PASS
		25	25	20.67	PASS
		50	0	20.7	PASS
	HCH	1	0	21.76	PASS
		1	24	21.89	PASS
		1	49	21.98	PASS
		25	0	20.68	PASS
		25	12	20.6	PASS
		25	25	20.6	PASS
		50	0	20.65	PASS

Channel Bandwidth: 15 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.37	PASS
		1	37	23.41	PASS
		1	74	22.89	PASS
		37	0	22.54	PASS
		37	18	22.46	PASS
		37	38	22.47	PASS
		75	0	22.56	PASS
	MCH	1	0	22.75	PASS
		1	37	22.94	PASS
		1	74	22.39	PASS
		37	0	21.98	PASS
		37	18	21.86	PASS
		37	38	21.72	PASS
		75	0	21.89	PASS
	HCH	1	0	22.43	PASS

		1	37	22.72	PASS
		1	74	22.61	PASS
		37	0	21.75	PASS
		37	18	21.76	PASS
		37	38	21.72	PASS
		75	0	21.71	PASS
16QAM	LCH	1	0	22.65	PASS
		1	37	22.71	PASS
		1	74	22.17	PASS
		37	0	21.5	PASS
		37	18	21.39	PASS
		37	38	21.38	PASS
		75	0	21.41	PASS
	MCH	1	0	21.84	PASS
		1	37	22	PASS
		1	74	21.81	PASS
		37	0	20.88	PASS
		37	18	20.78	PASS
		37	38	20.69	PASS
		75	0	20.76	PASS
	HCH	1	0	21.74	PASS
		1	37	21.94	PASS
		1	74	21.88	PASS
		37	0	20.62	PASS
		37	18	20.66	PASS
		37	38	20.6	PASS
		75	0	20.6	PASS

Channel Bandwidth: 20 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.76	PASS
		1	49	23.36	PASS
		1	99	23.56	PASS
		50	0	22.78	PASS
		50	25	22.29	PASS
		50	50	22.31	PASS
		100	0	22.72	PASS
	MCH	1	0	22.64	PASS
		1	49	22.81	PASS
		1	99	22.26	PASS
		50	0	21.77	PASS

		50	25	21.69	PASS
		50	50	21.59	PASS
		100	0	21.74	PASS
16QAM	HCH	1	0	22.18	PASS
		1	49	22.57	PASS
		1	99	22.33	PASS
		50	0	21.49	PASS
		50	25	21.62	PASS
		50	50	21.39	PASS
		100	0	21.42	PASS
		1	0	22.47	PASS
16QAM	LCH	1	49	22.6	PASS
		1	99	21.81	PASS
		50	0	21.27	PASS
		50	25	21.23	PASS
		50	50	21.28	PASS
		100	0	21.27	PASS
	MCH	1	0	21.88	PASS
		1	49	22.09	PASS
		1	99	21.73	PASS
		50	0	20.75	PASS
		50	25	20.71	PASS
		50	50	20.6	PASS
		100	0	20.65	PASS
16QAM	HCH	1	0	21.58	PASS
		1	49	21.86	PASS
		1	99	21.66	PASS
		50	0	20.53	PASS
		50	25	20.56	PASS
		50	50	20.37	PASS
		100	0	20.46	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	3.57	<13	PASS
		1	3	3.52	<13	PASS
		1	5	3.78	<13	PASS
		3	0	3.73	<13	PASS
		3	2	3.82	<13	PASS
		3	3	3.99	<13	PASS
		6	0	4.63	<13	PASS
	MCH	1	0	3.85	<13	PASS
		1	3	3.72	<13	PASS
		1	5	3.91	<13	PASS
		3	0	3.63	<13	PASS
		3	2	3.65	<13	PASS
		3	3	3.73	<13	PASS
		6	0	4.22	<13	PASS
16QAM	LCH	1	0	4.18	<13	PASS
		1	3	3.99	<13	PASS
		1	5	4.08	<13	PASS
		3	0	4.13	<13	PASS
		3	2	4.19	<13	PASS
		3	3	4.28	<13	PASS
		6	0	4.93	<13	PASS
	MCH	1	0	4.58	<13	PASS
		1	3	4.56	<13	PASS
		1	5	4.75	<13	PASS
		3	0	4.87	<13	PASS
		3	2	4.91	<13	PASS
		3	3	4.85	<13	PASS
		6	0	5.65	<13	PASS

		3	2	4.42	<13	PASS
		3	3	4.46	<13	PASS
		6	0	5.22	<13	PASS
HCH		1	0	5.06	<13	PASS
		1	3	4.93	<13	PASS
		1	5	5	<13	PASS
		3	0	5.23	<13	PASS
		3	2	5.26	<13	PASS
		3	3	5.22	<13	PASS
		6	0	5.95	<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	3.72	<13	PASS
		1	7	4.05	<13	PASS
		1	14	4.33	<13	PASS
		8	0	4.87	<13	PASS
		8	4	4.99	<13	PASS
		8	7	5.01	<13	PASS
		15	0	4.94	<13	PASS
	MCH	1	0	3.53	<13	PASS
		1	7	3.8	<13	PASS
		1	14	3.88	<13	PASS
		8	0	4.17	<13	PASS
		8	4	4.27	<13	PASS
		8	7	4.37	<13	PASS
		15	0	4.32	<13	PASS
	HCH	1	0	3.95	<13	PASS
		1	7	4.07	<13	PASS
		1	14	4.2	<13	PASS
		8	0	4.96	<13	PASS
		8	4	4.97	<13	PASS
		8	7	5.04	<13	PASS
		15	0	4.92	<13	PASS
16QAM	LCH	1	0	4.82	<13	PASS
		1	7	4.96	<13	PASS
		1	14	5.28	<13	PASS
		8	0	5.65	<13	PASS
		8	4	5.74	<13	PASS

		8	7	5.76	<13	PASS
		15	0	5.94	<13	PASS
MCH		1	0	4.55	<13	PASS
		1	7	4.58	<13	PASS
		1	14	4.84	<13	PASS
		8	0	5.05	<13	PASS
		8	4	5.15	<13	PASS
		8	7	5.2	<13	PASS
		15	0	5.25	<13	PASS
HCH		1	0	5.12	<13	PASS
		1	7	5.07	<13	PASS
		1	14	5.28	<13	PASS
		8	0	5.98	<13	PASS
		8	4	5.99	<13	PASS
		8	7	5.92	<13	PASS
		15	0	5.75	<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	4.07	<13	PASS
		1	12	4.24	<13	PASS
		1	24	4.57	<13	PASS
		12	0	4.93	<13	PASS
		12	6	5.07	<13	PASS
		12	13	5.21	<13	PASS
		25	0	5.08	<13	PASS
	MCH	1	0	3.64	<13	PASS
		1	12	3.76	<13	PASS
		1	24	4.34	<13	PASS
		12	0	4.26	<13	PASS
		12	6	4.49	<13	PASS
		12	13	4.65	<13	PASS
		25	0	4.43	<13	PASS
	HCH	1	0	3.95	<13	PASS
		1	12	4.16	<13	PASS
		1	24	4.43	<13	PASS
		12	0	4.77	<13	PASS
		12	6	4.9	<13	PASS
		12	13	5.09	<13	PASS

		25	0	4.85	<13	PASS
16QAM	LCH	1	0	4.86	<13	PASS
		1	12	5.23	<13	PASS
		1	24	5.47	<13	PASS
		12	0	5.9	<13	PASS
		12	6	5.93	<13	PASS
		12	13	6.21	<13	PASS
		25	0	5.91	<13	PASS
	MCH	1	0	4.68	<13	PASS
		1	12	4.72	<13	PASS
		1	24	5.37	<13	PASS
		12	0	4.97	<13	PASS
		12	6	5.13	<13	PASS
		12	13	5.4	<13	PASS
		25	0	5.24	<13	PASS
	HCH	1	0	4.91	<13	PASS
		1	12	4.94	<13	PASS
		1	24	5.05	<13	PASS
		12	0	5.67	<13	PASS
		12	6	5.76	<13	PASS
		12	13	5.86	<13	PASS
		25	0	5.77	<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	3.95	<13	PASS
		1	24	4.34	<13	PASS
		1	49	4.46	<13	PASS
		25	0	5.04	<13	PASS
		25	12	5.22	<13	PASS
		25	25	5.23	<13	PASS
		50	0	5.19	<13	PASS
	MCH	1	0	3.16	<13	PASS
		1	24	3.64	<13	PASS
		1	49	4.49	<13	PASS
		25	0	4.22	<13	PASS
		25	12	4.57	<13	PASS
		25	25	4.93	<13	PASS
		50	0	4.42	<13	PASS

		1	0	3.9	<13	PASS
	HCH	1	24	3.84	<13	PASS
		1	49	4.42	<13	PASS
		25	0	4.46	<13	PASS
		25	12	4.6	<13	PASS
		25	25	4.87	<13	PASS
		50	0	4.75	<13	PASS
		1	0	4.84	<13	PASS
	LCH	1	24	5.39	<13	PASS
		1	49	5.37	<13	PASS
		25	0	6.01	<13	PASS
		25	12	6.15	<13	PASS
		25	25	6.17	<13	PASS
		50	0	6.01	<13	PASS
		1	0	4.17	<13	PASS
	MCH	1	24	4.78	<13	PASS
		1	49	5.35	<13	PASS
		25	0	5.05	<13	PASS
		25	12	5.28	<13	PASS
		25	25	5.78	<13	PASS
		50	0	5.33	<13	PASS
		1	0	5.06	<13	PASS
	HCH	1	24	4.82	<13	PASS
		1	49	5.35	<13	PASS
		25	0	5.31	<13	PASS
		25	12	5.49	<13	PASS
		25	25	5.78	<13	PASS
		50	0	5.5	<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	3.95	<13	PASS
		1	37	4.44	<13	PASS
		1	74	3.89	<13	PASS
		37	0	5.12	<13	PASS
		37	18	5.16	<13	PASS
		37	38	4.89	<13	PASS
		75	0	5.33	<13	PASS
	MCH	1	0	3.18	<13	PASS

		1	37	3.66	<13	PASS
		1	74	5	<13	PASS
		37	0	3.99	<13	PASS
		37	18	4.44	<13	PASS
		37	38	4.97	<13	PASS
		75	0	4.92	<13	PASS
		1	0	4.54	<13	PASS
		1	37	3.87	<13	PASS
		1	74	4.43	<13	PASS
		37	0	4.56	<13	PASS
		37	18	4.49	<13	PASS
		37	38	4.78	<13	PASS
		75	0	5.11	<13	PASS
16QAM	LCH	1	0	4.83	<13	PASS
		1	37	5.41	<13	PASS
		1	74	4.93	<13	PASS
		37	0	6.05	<13	PASS
		37	18	6.03	<13	PASS
		37	38	5.86	<13	PASS
		75	0	6.1	<13	PASS
	MCH	1	0	4.21	<13	PASS
		1	37	4.81	<13	PASS
		1	74	6.05	<13	PASS
		37	0	4.95	<13	PASS
		37	18	5.3	<13	PASS
		37	38	5.88	<13	PASS
		75	0	5.66	<13	PASS
	HCH	1	0	5.76	<13	PASS
		1	37	4.78	<13	PASS
		1	74	5.3	<13	PASS
		37	0	5.52	<13	PASS
		37	18	5.18	<13	PASS
		37	38	5.65	<13	PASS
		75	0	5.8	<13	PASS

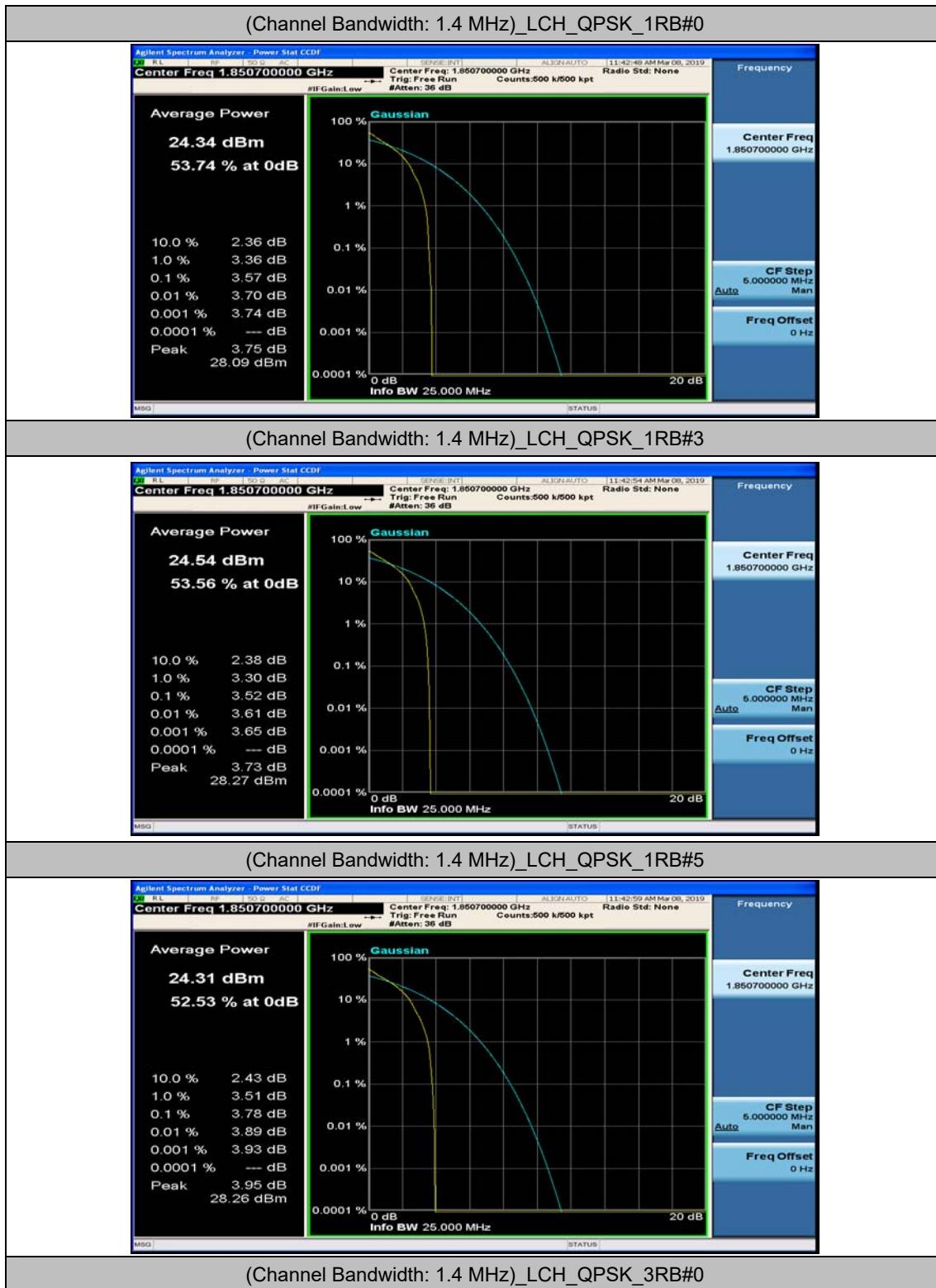
Channel Bandwidth: 20 MHz

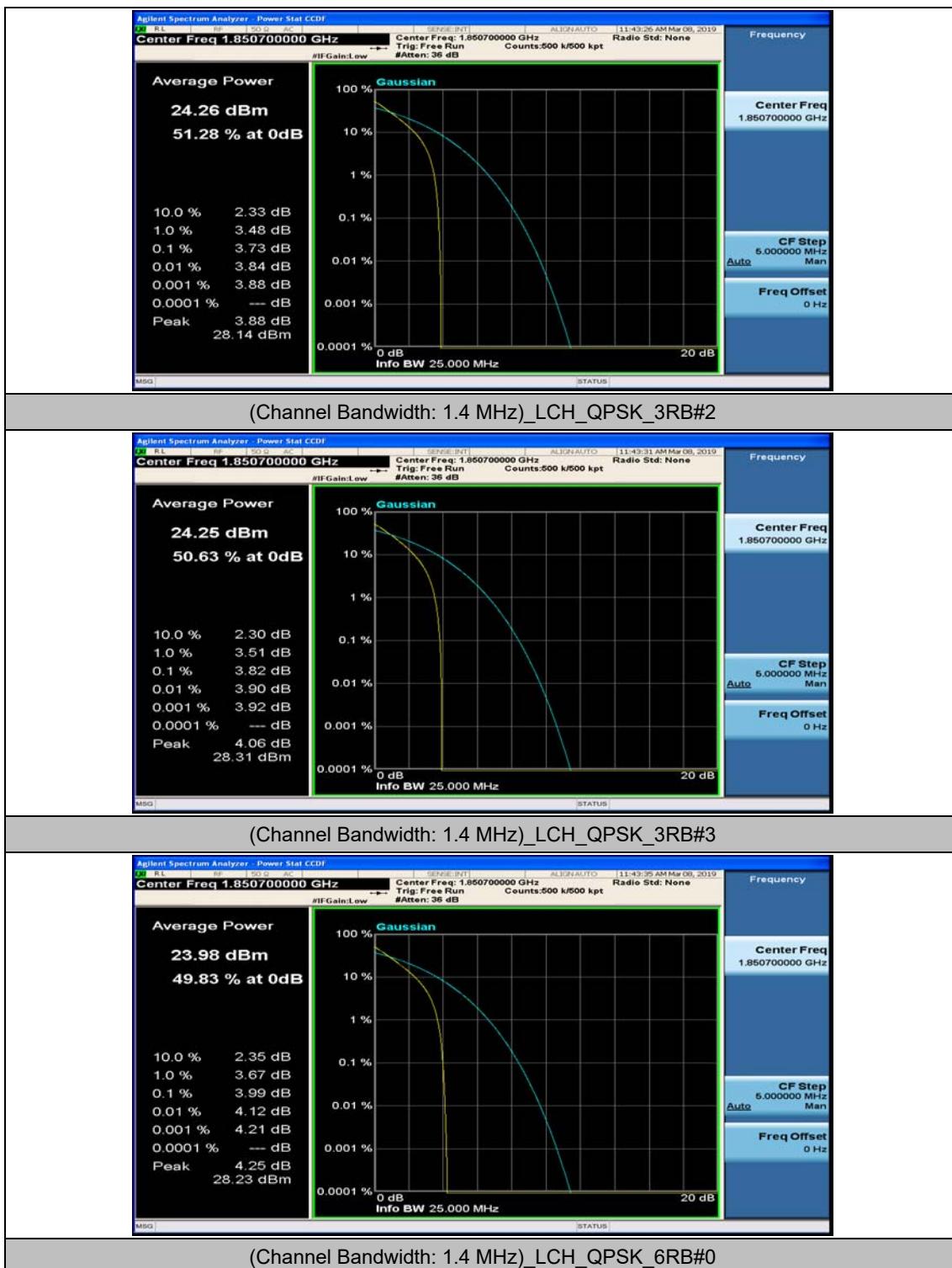
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.13	<13	PASS
		1	49	4.3	<13	PASS

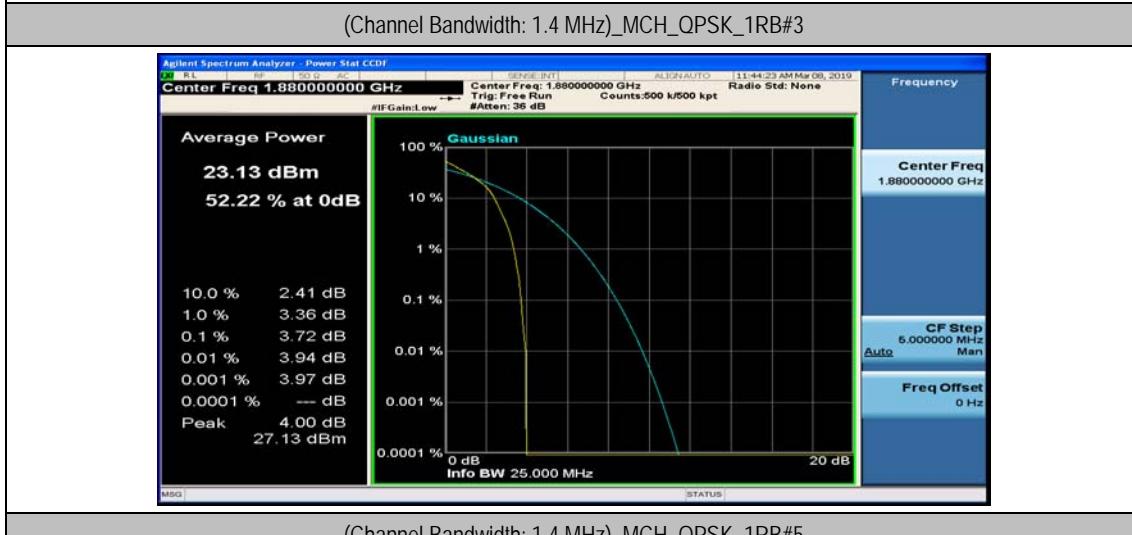
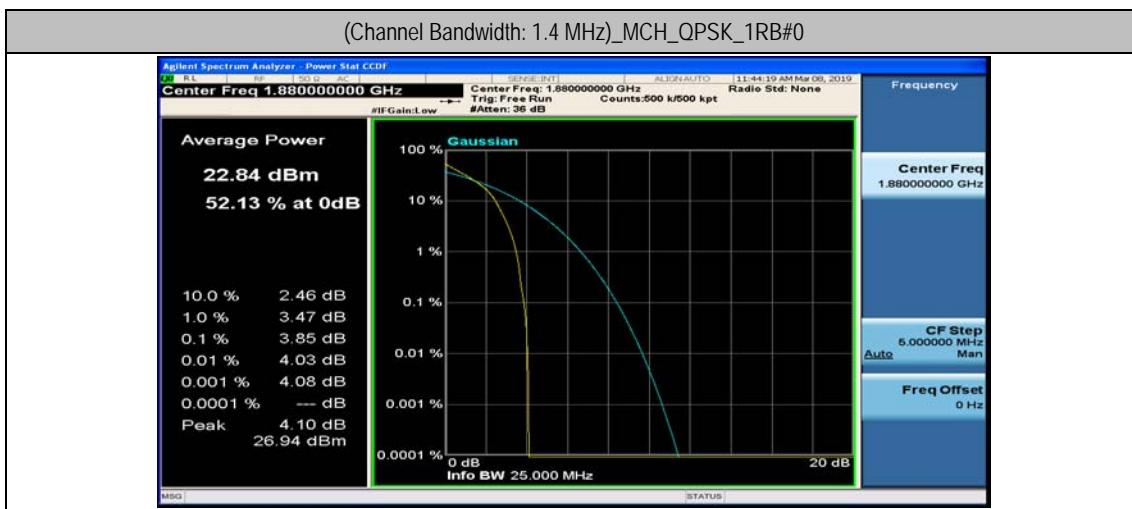
		1	99	3.5	<13	PASS
		50	0	5.3	<13	PASS
		50	25	5.04	<13	PASS
		50	50	4.59	<13	PASS
		100	0	5.14	<13	PASS
	MCH	1	0	3.33	<13	PASS
		1	49	3.85	<13	PASS
		1	99	5.25	<13	PASS
		50	0	4.22	<13	PASS
		50	25	4.61	<13	PASS
		50	50	5.29	<13	PASS
		100	0	5.08	<13	PASS
	HCH	1	0	5.25	<13	PASS
		1	49	4.01	<13	PASS
		1	99	4.73	<13	PASS
		50	0	5.14	<13	PASS
		50	25	4.73	<13	PASS
		50	50	4.89	<13	PASS
		100	0	5.19	<13	PASS
	LCH	1	0	5.17	<13	PASS
		1	49	5.33	<13	PASS
		1	99	4.38	<13	PASS
		50	0	6.17	<13	PASS
		50	25	5.95	<13	PASS
		50	50	5.49	<13	PASS
		100	0	5.96	<13	PASS
	MCH	1	0	4.19	<13	PASS
		1	49	4.7	<13	PASS
		1	99	6.01	<13	PASS
		50	0	5.1	<13	PASS
		50	25	5.5	<13	PASS
		50	50	6.14	<13	PASS
		100	0	5.82	<13	PASS
	HCH	1	0	6.37	<13	PASS
		1	49	5.07	<13	PASS
		1	99	5.52	<13	PASS
		50	0	5.99	<13	PASS
		50	25	5.55	<13	PASS
		50	50	5.74	<13	PASS
		100	0	6.07	<13	PASS

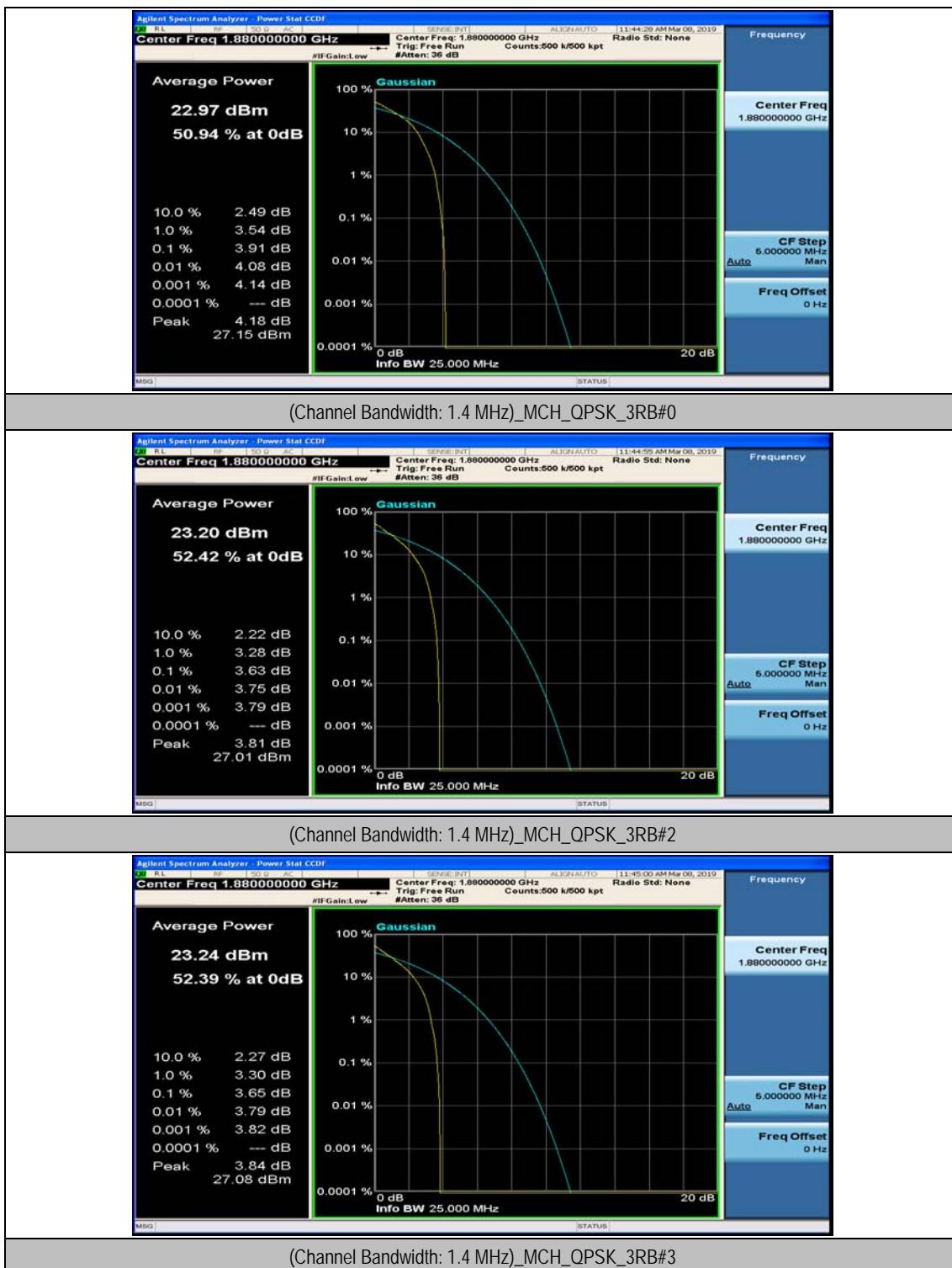
Test Graphs

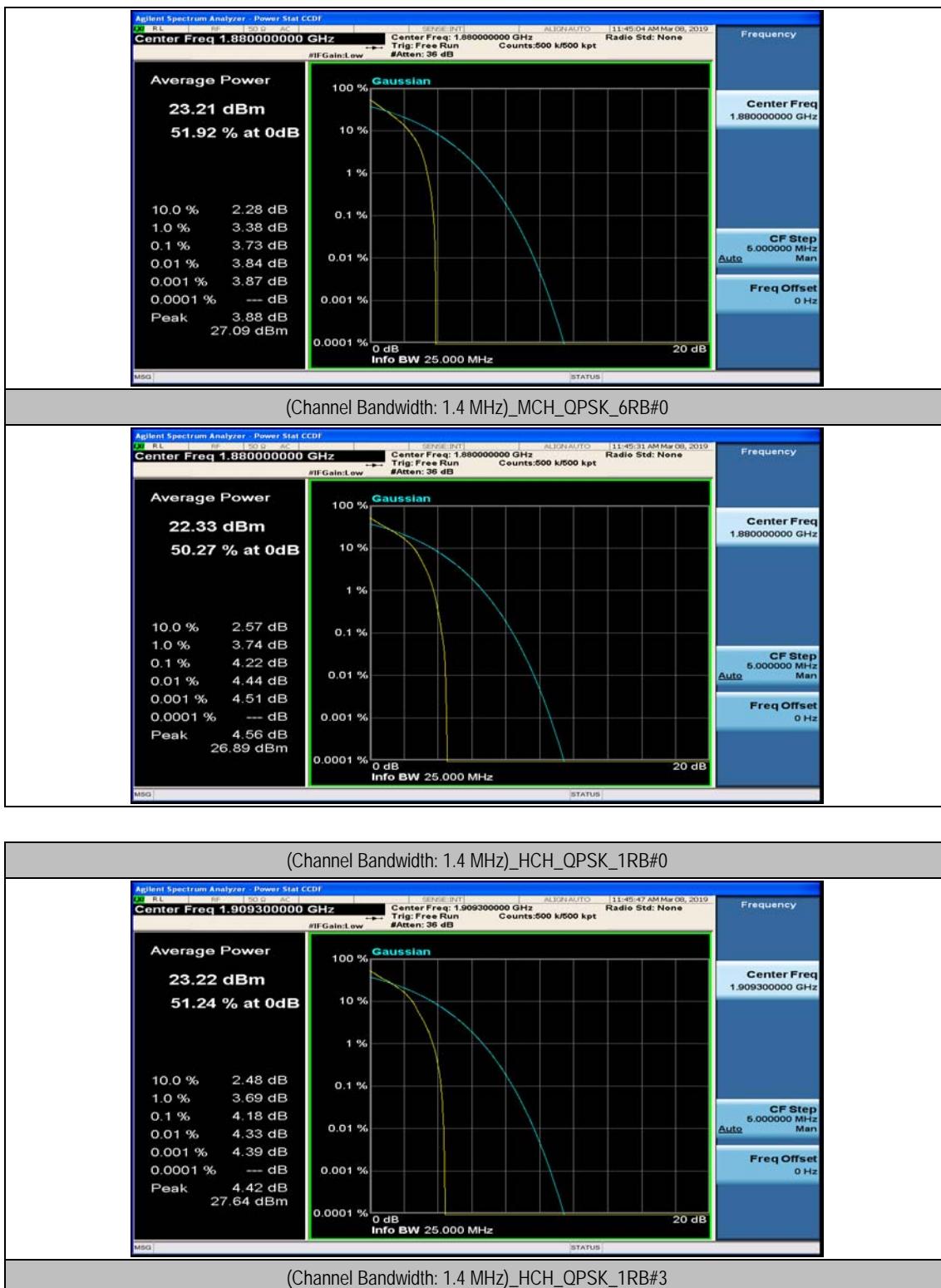
Channel Bandwidth: 1.4 MHz

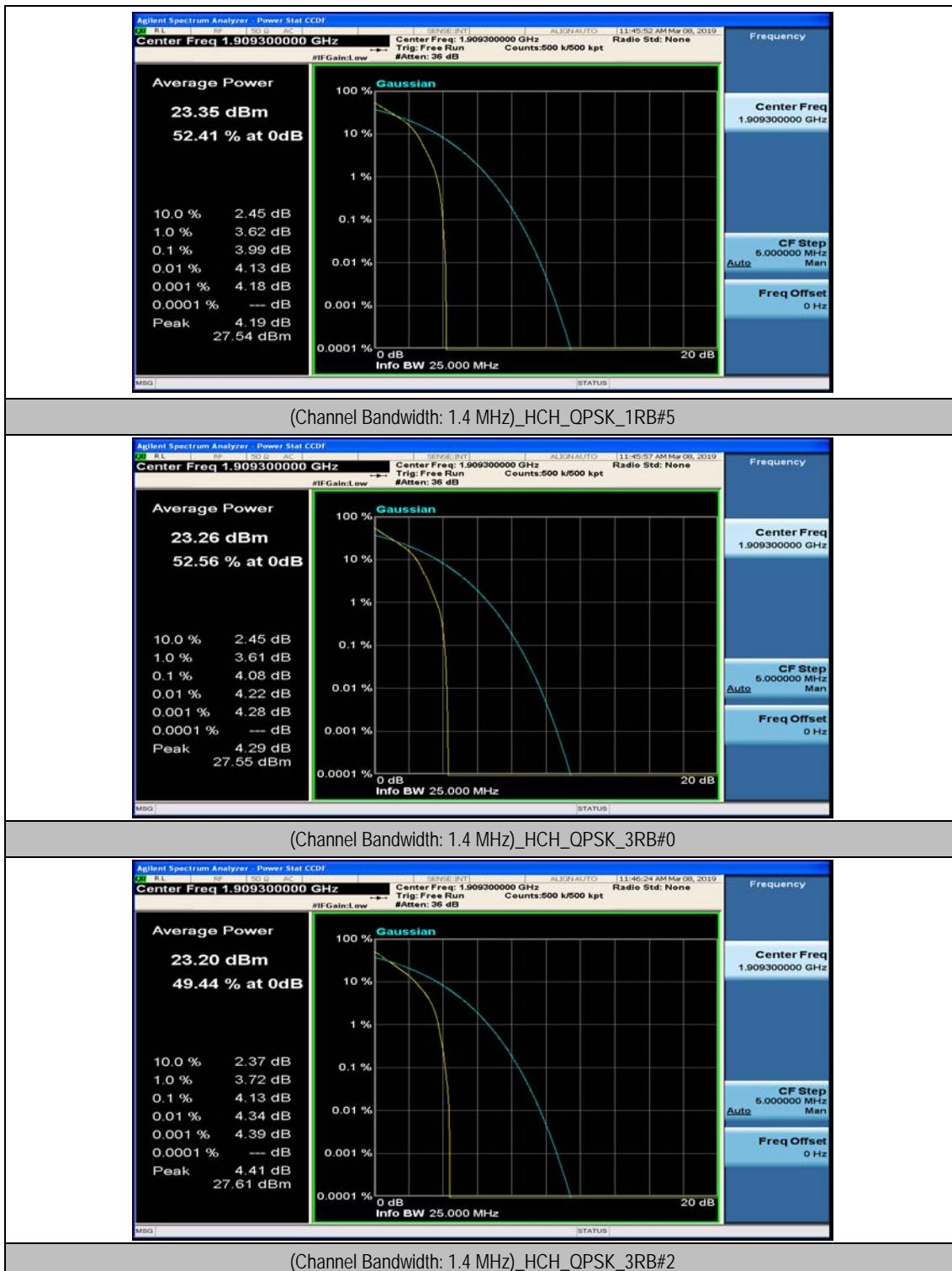


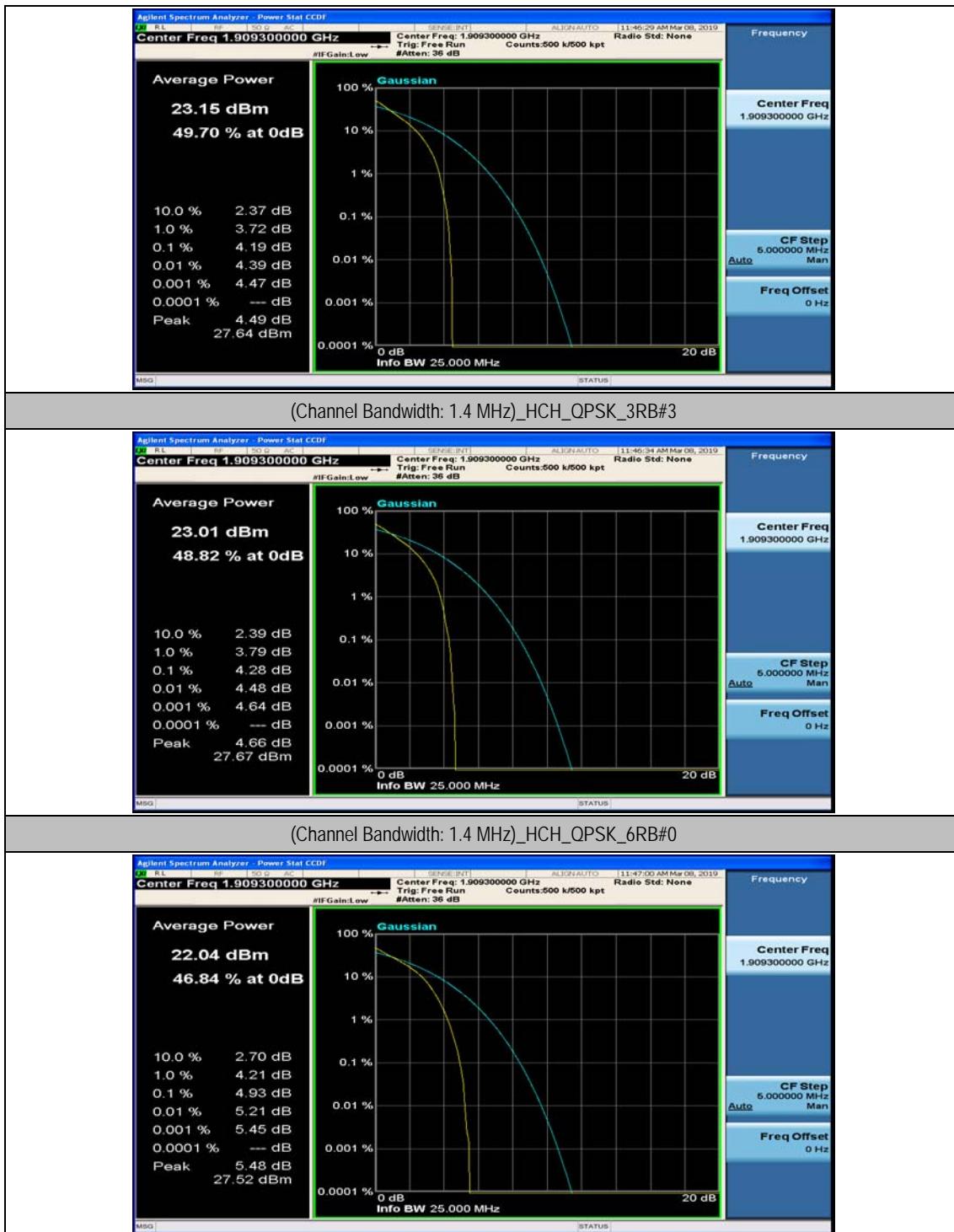


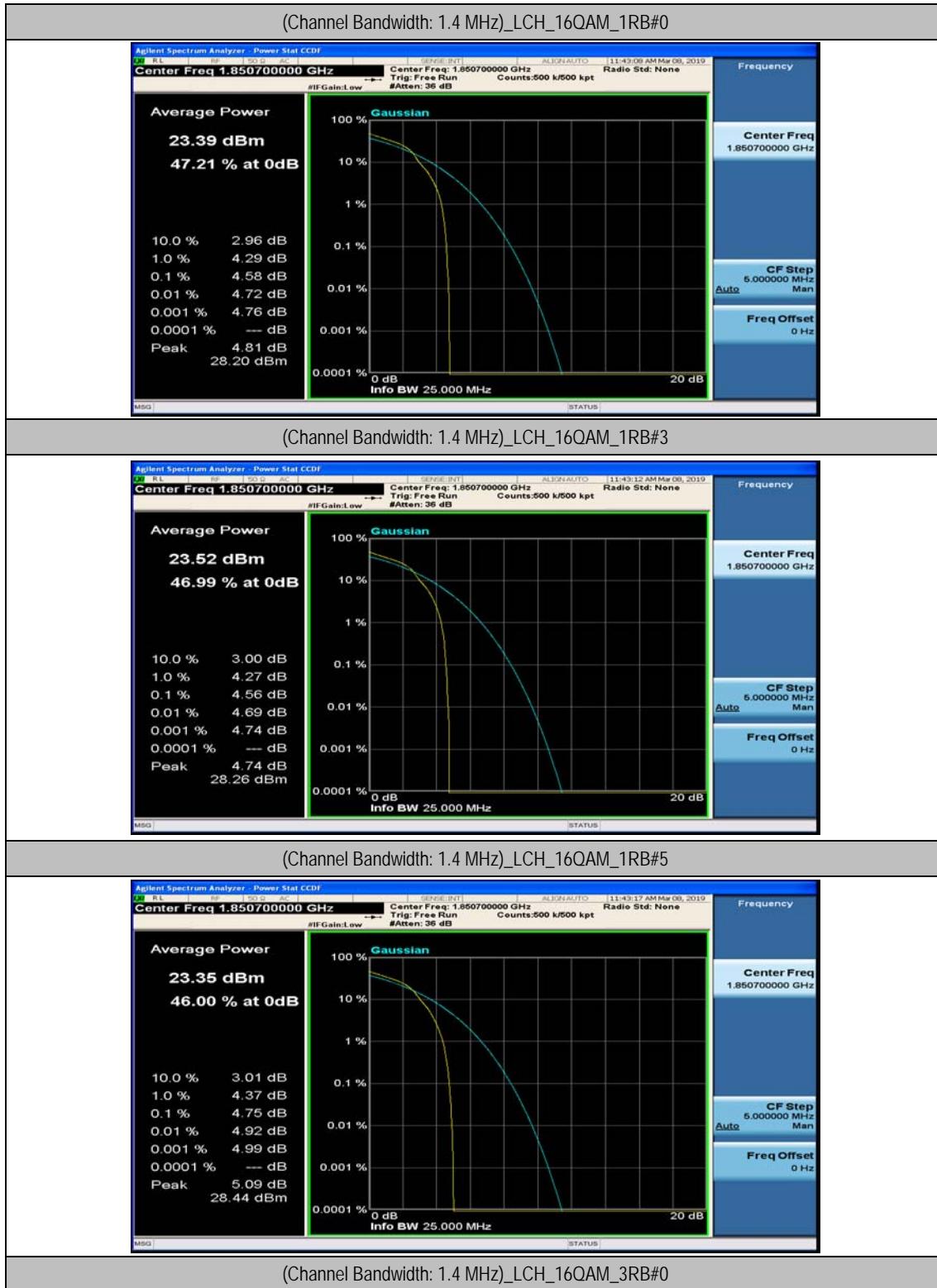


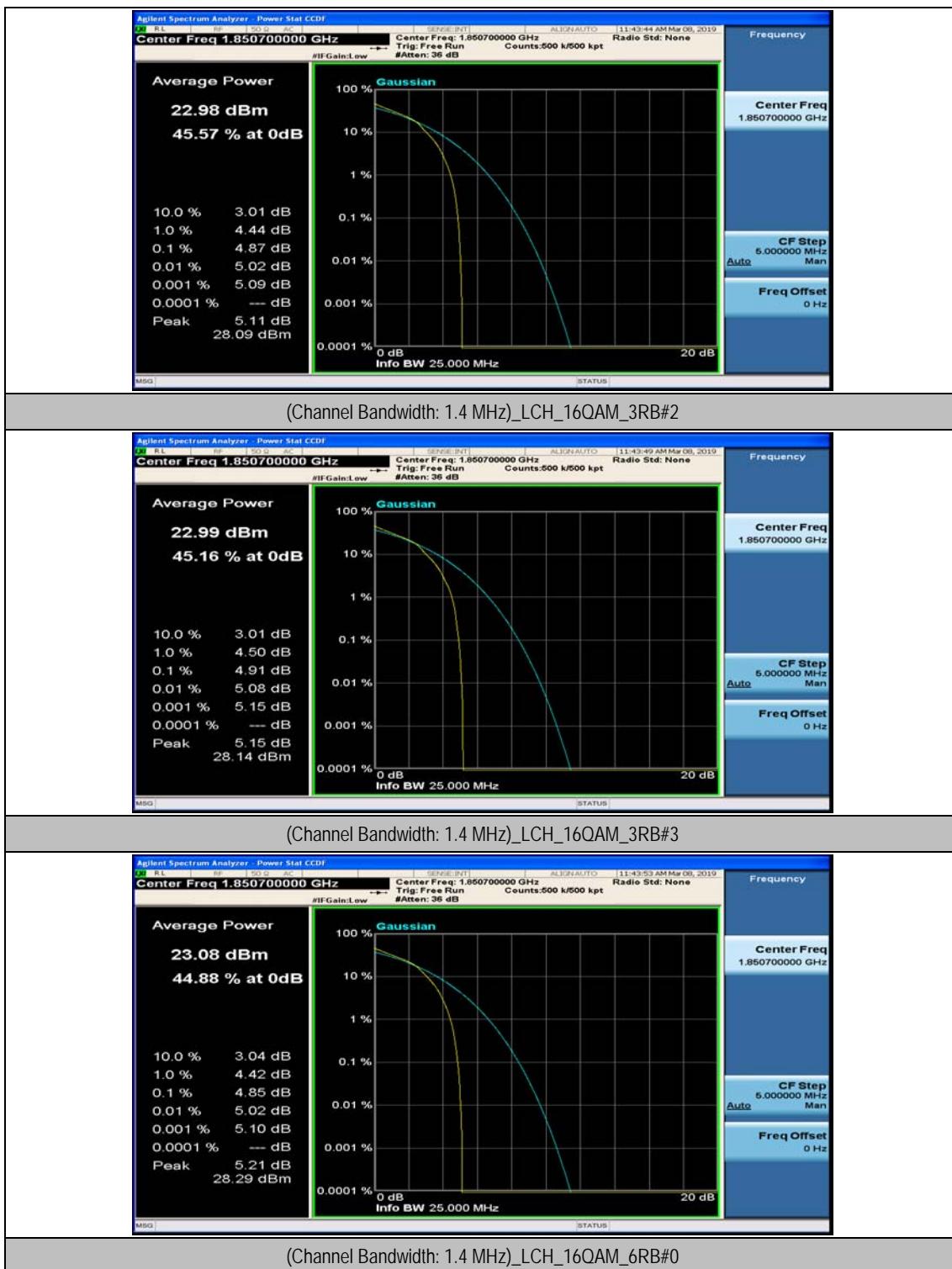


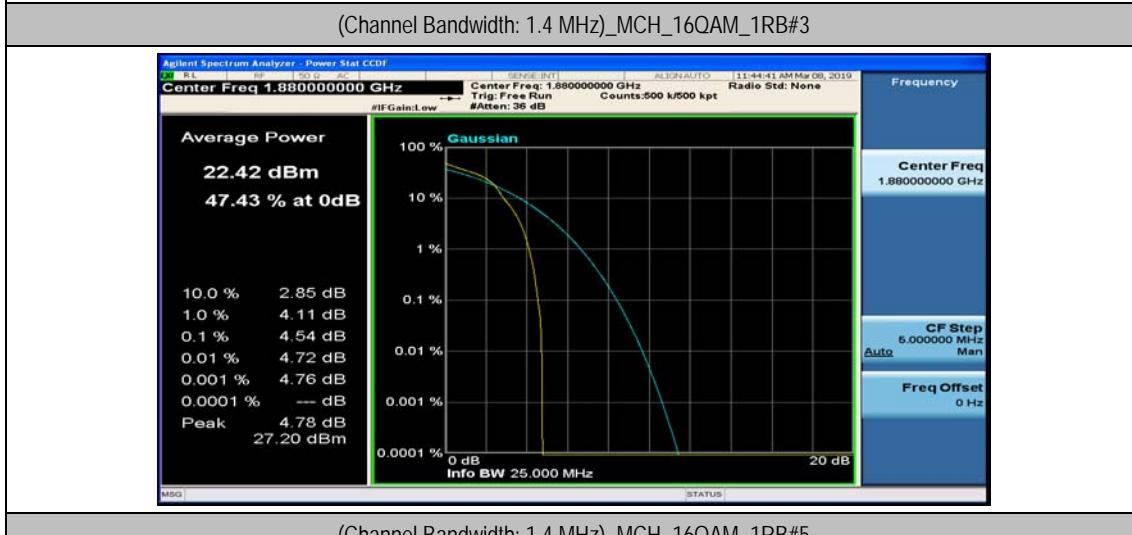
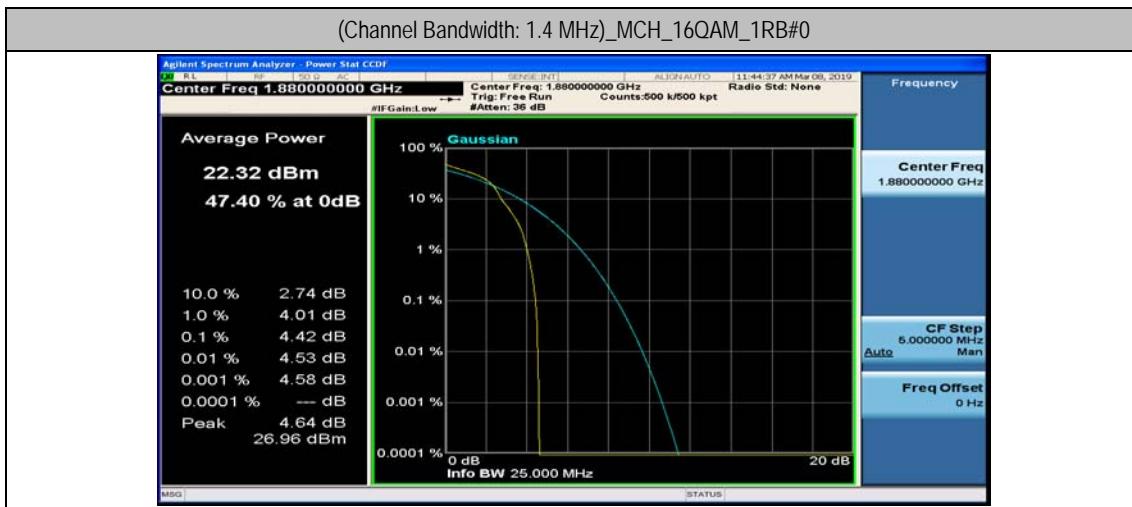
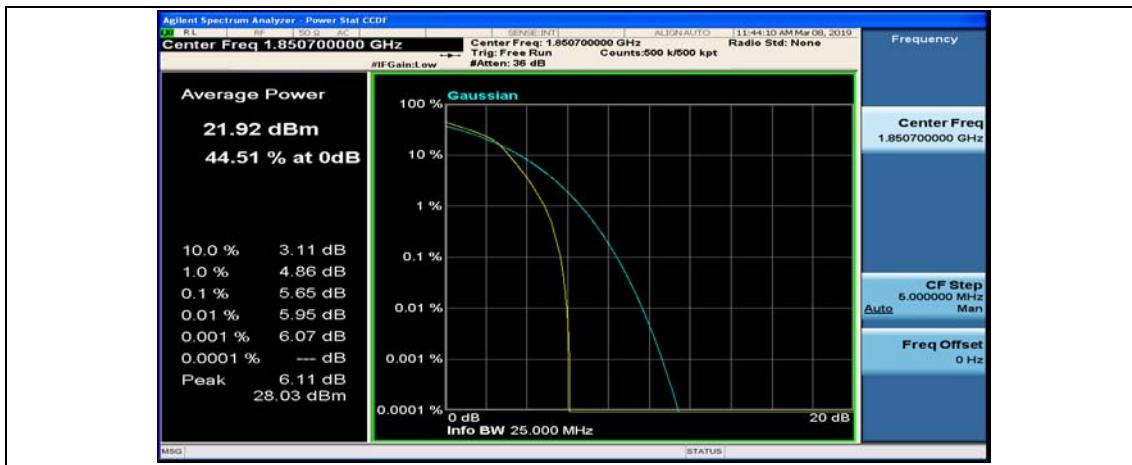


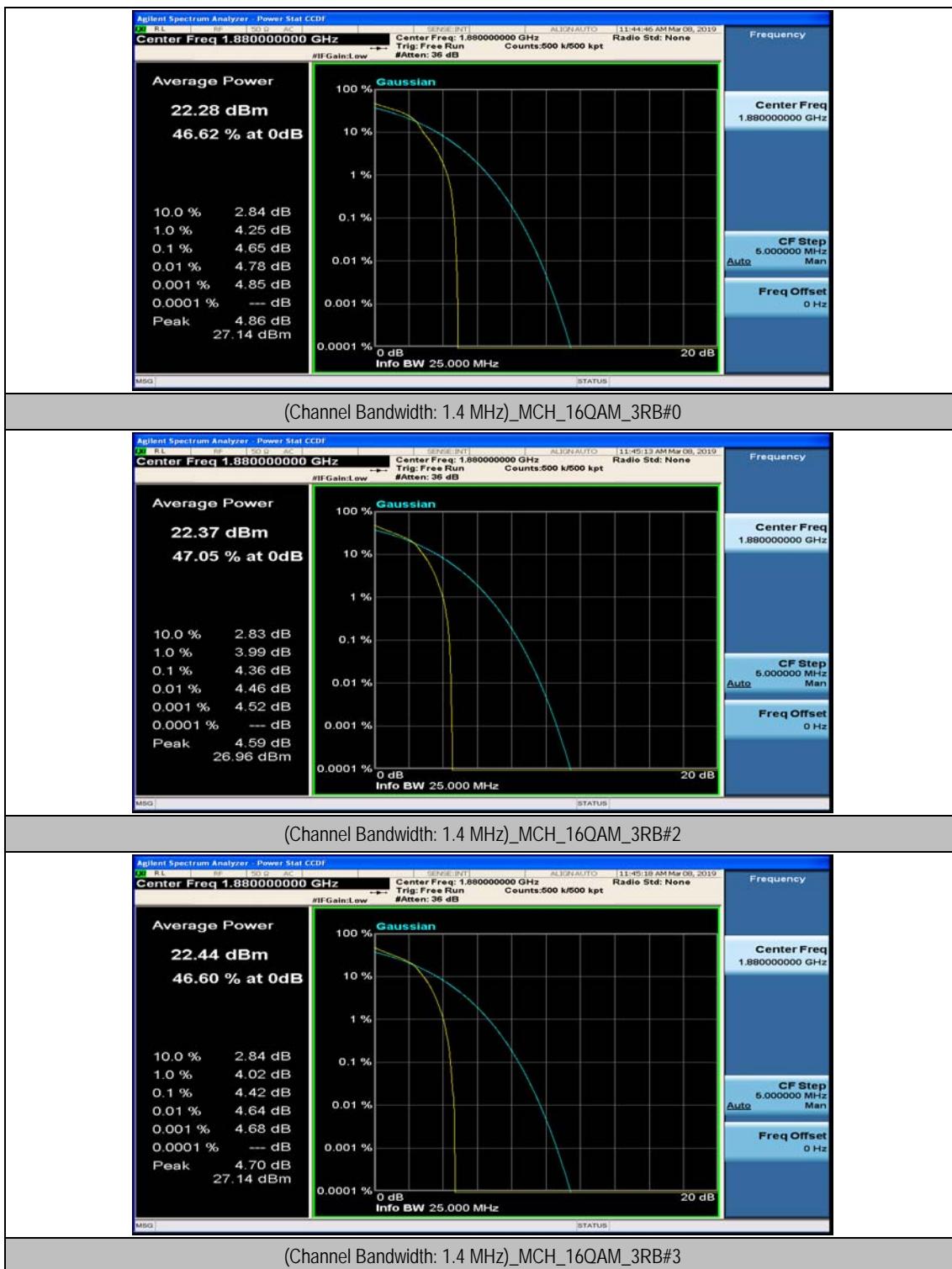


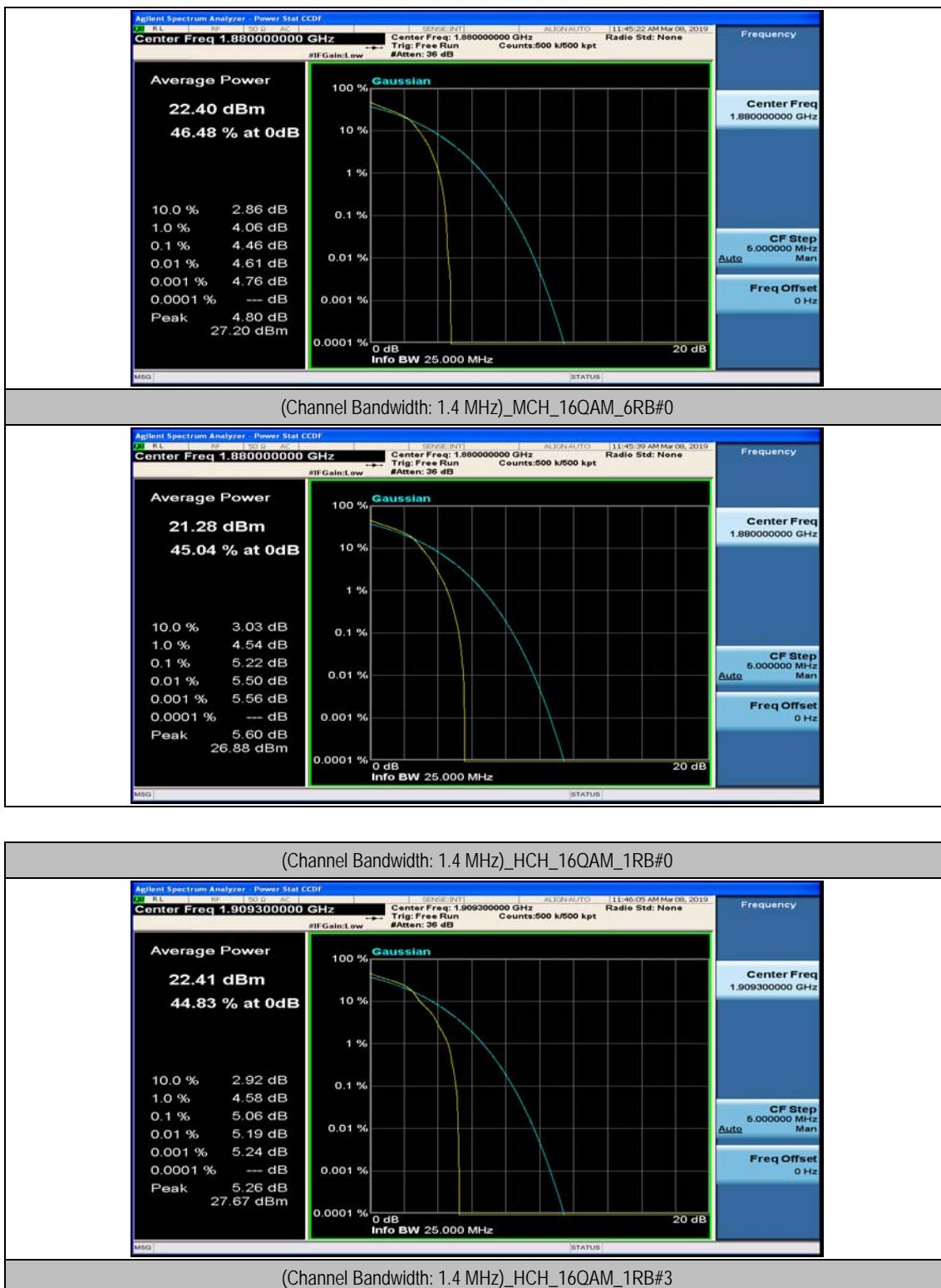


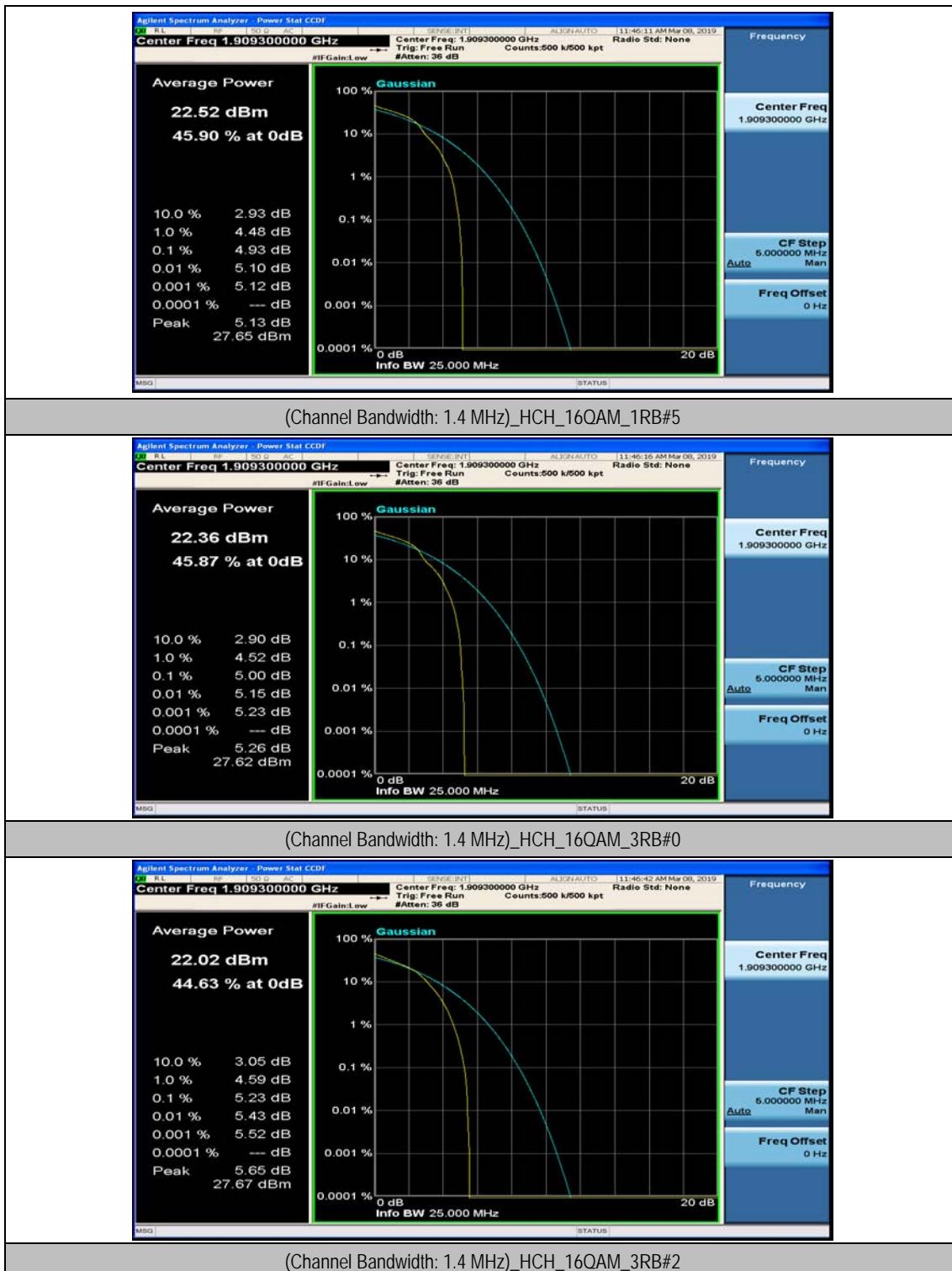


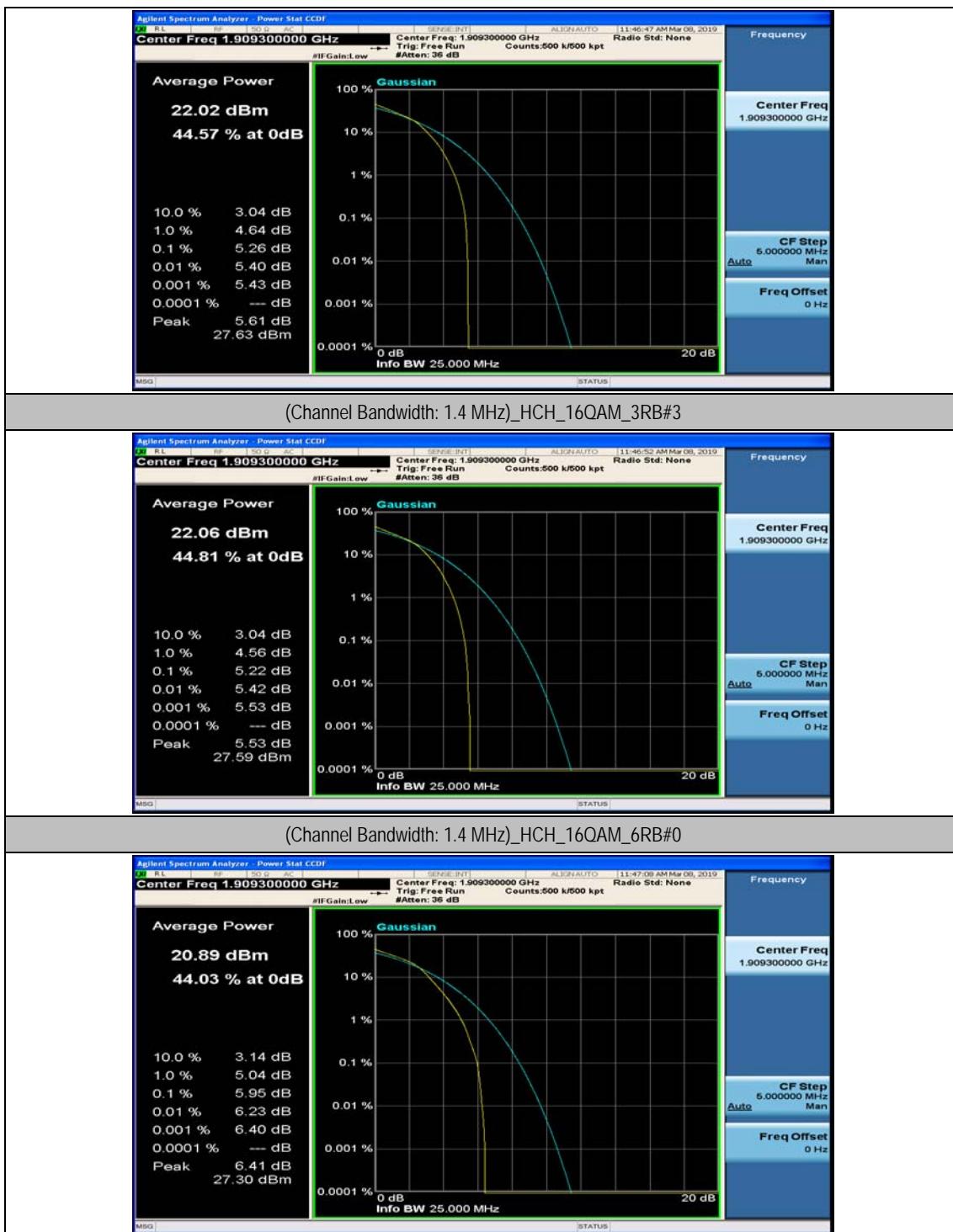




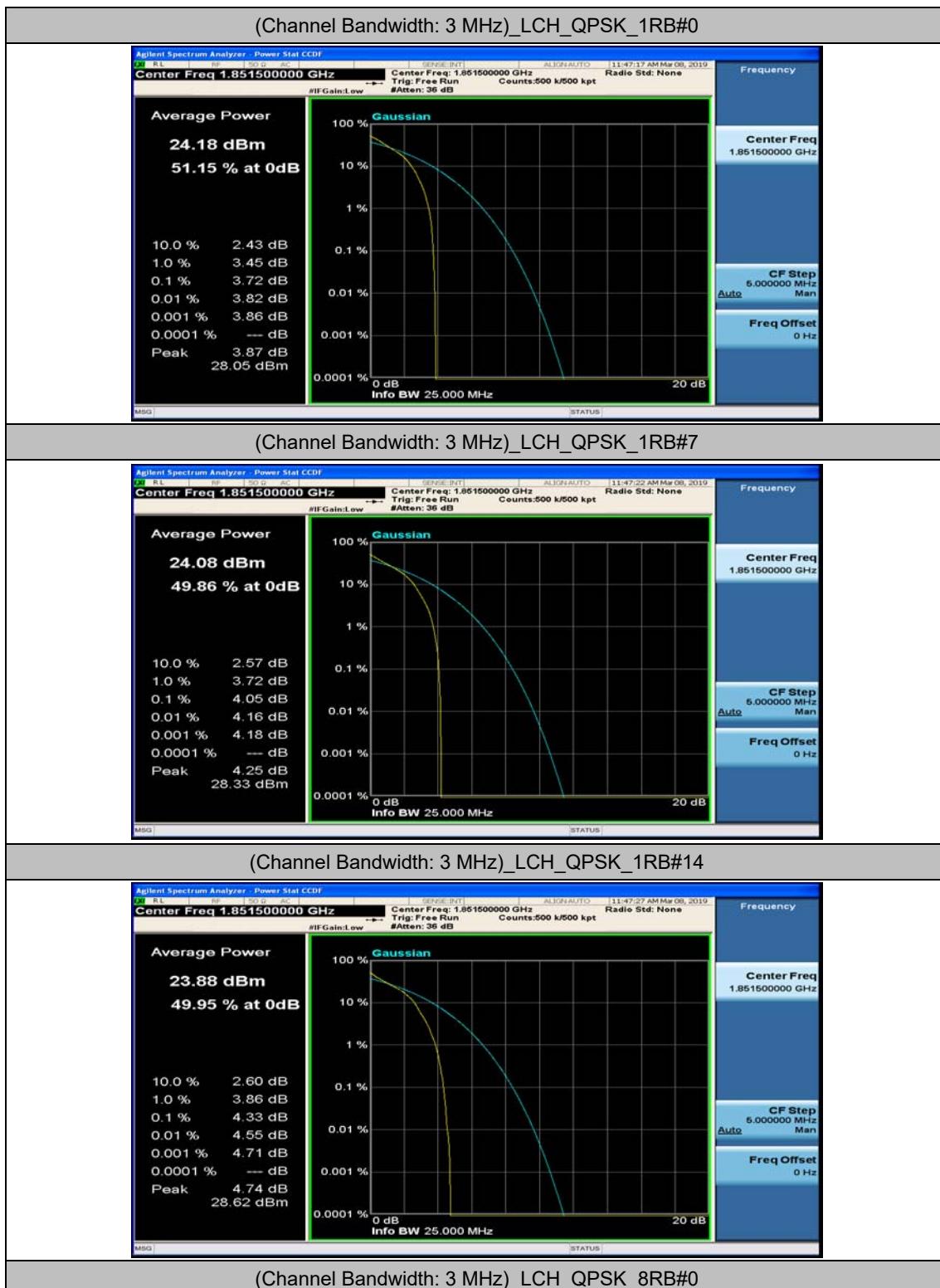


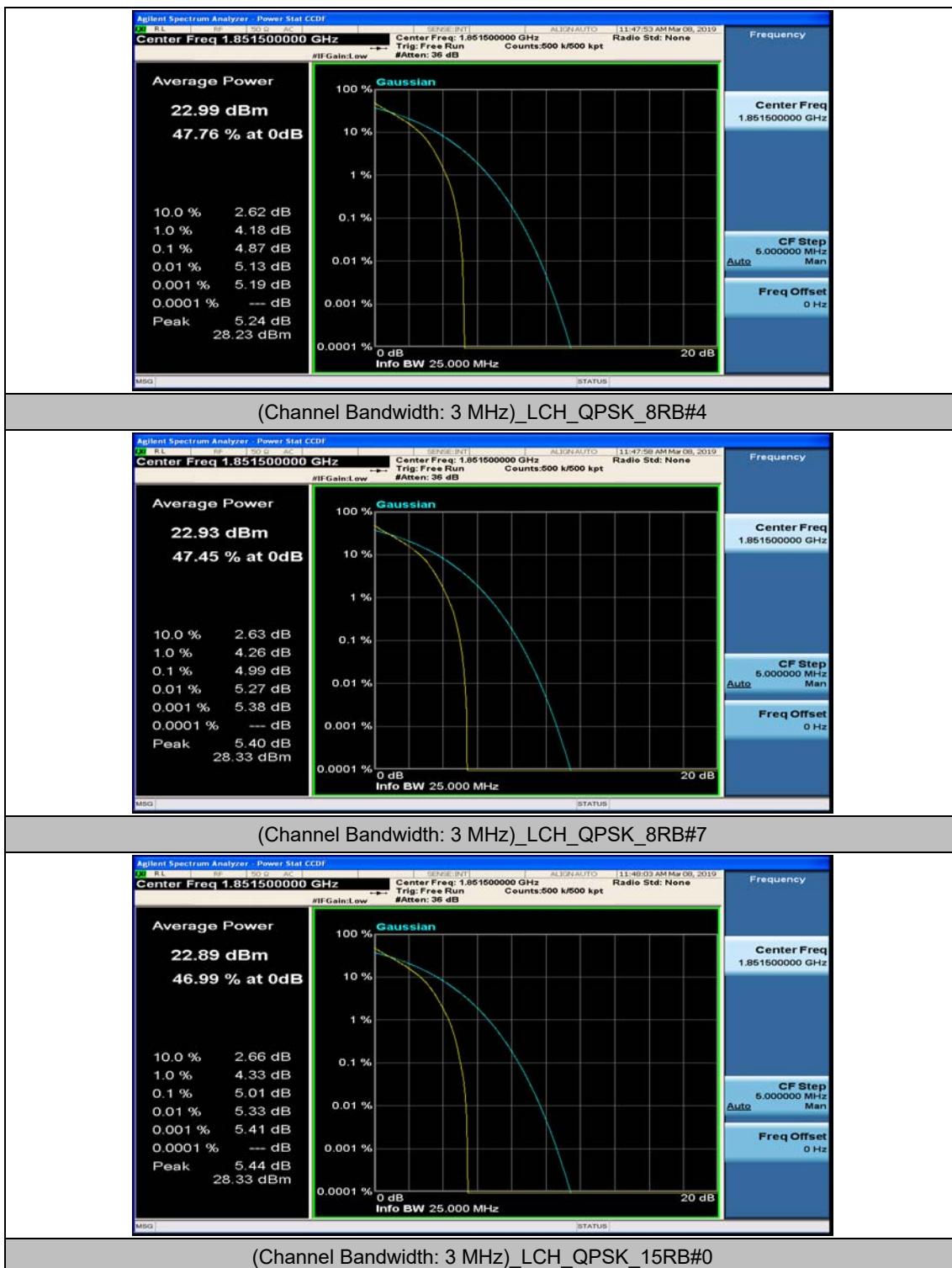


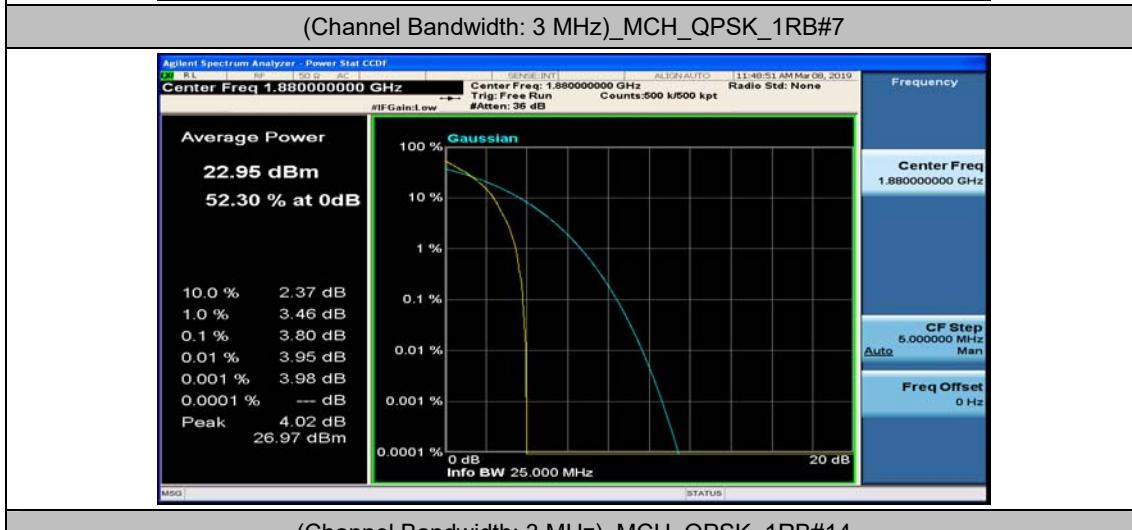
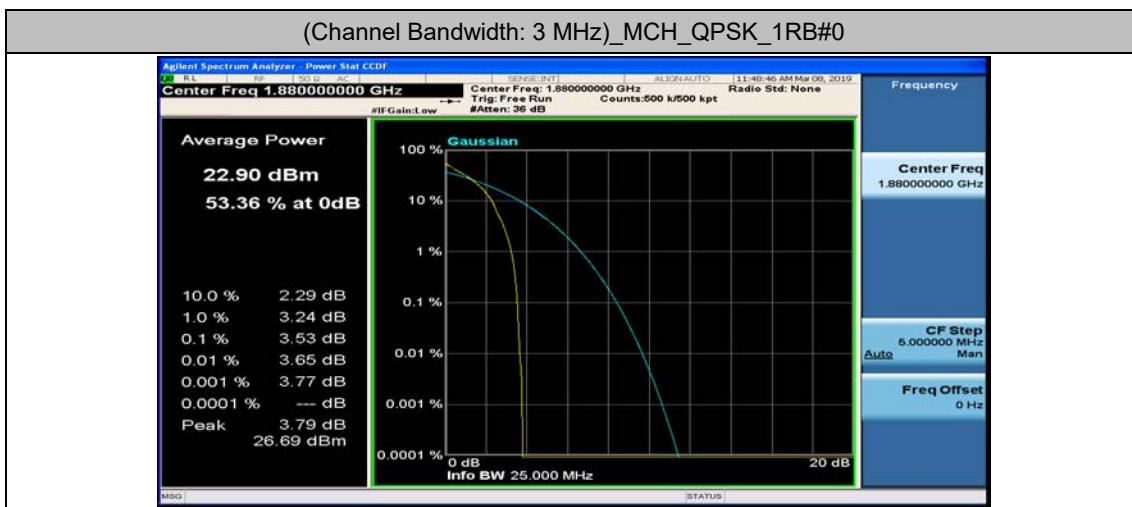
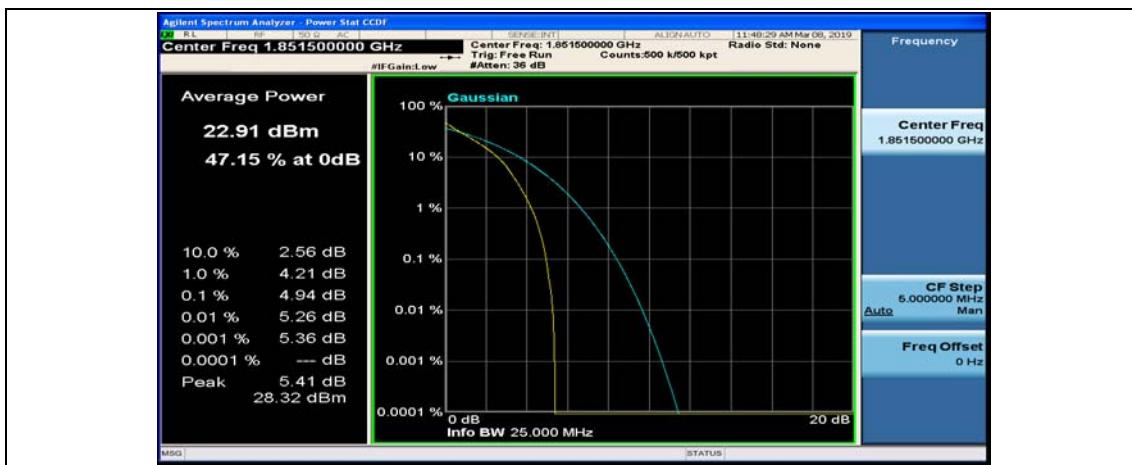




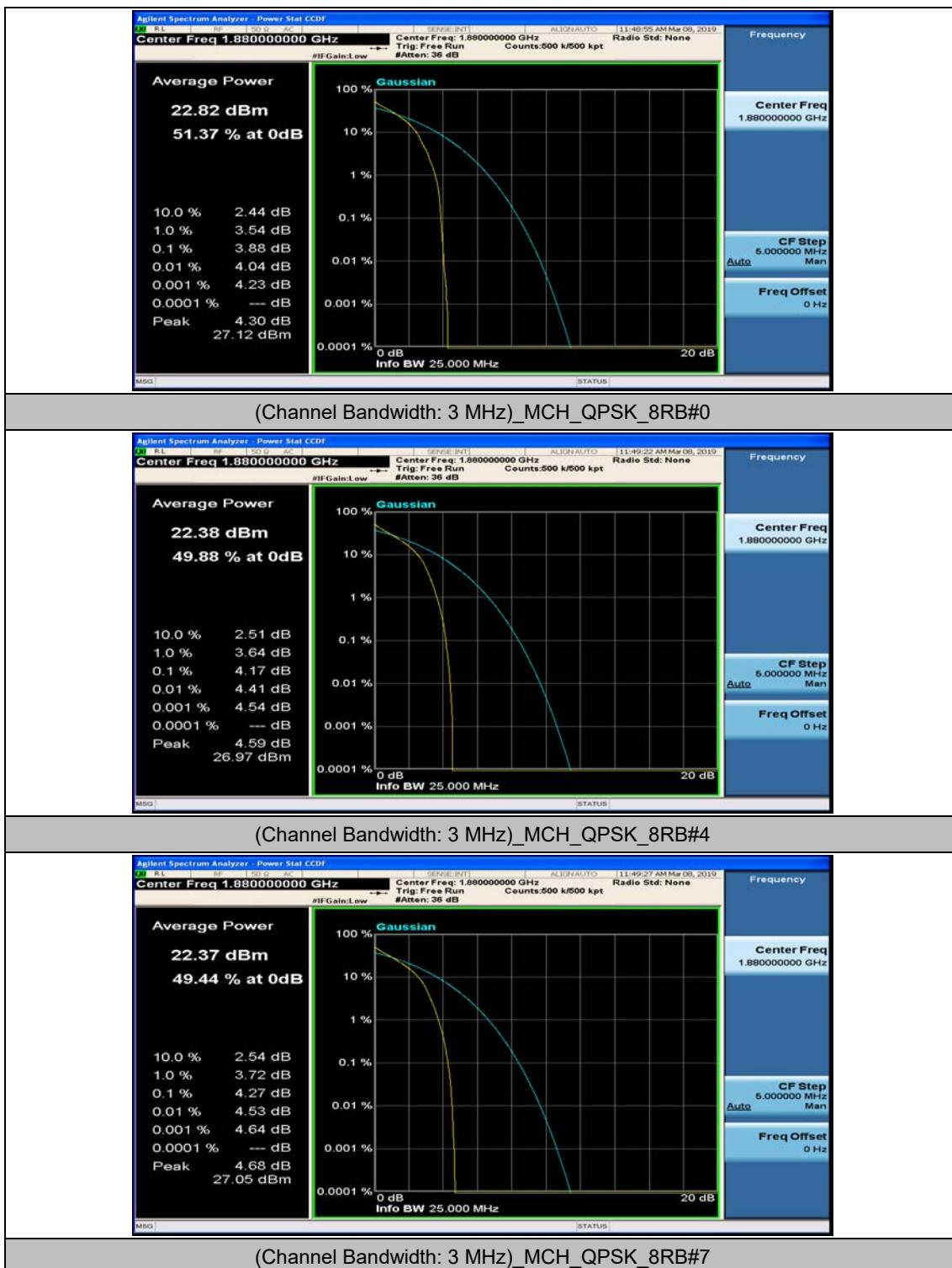
Channel Bandwidth: 3 MHz

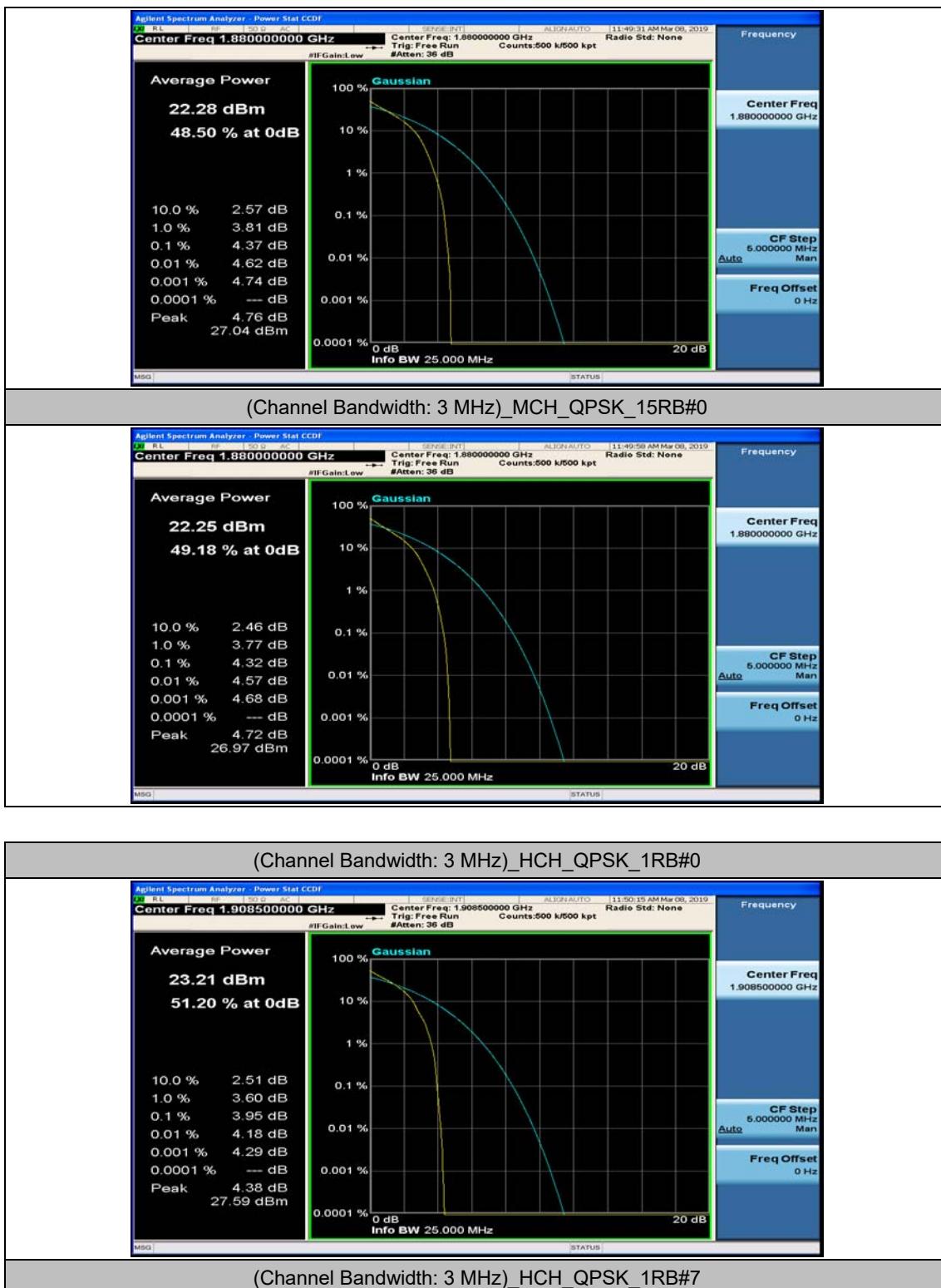


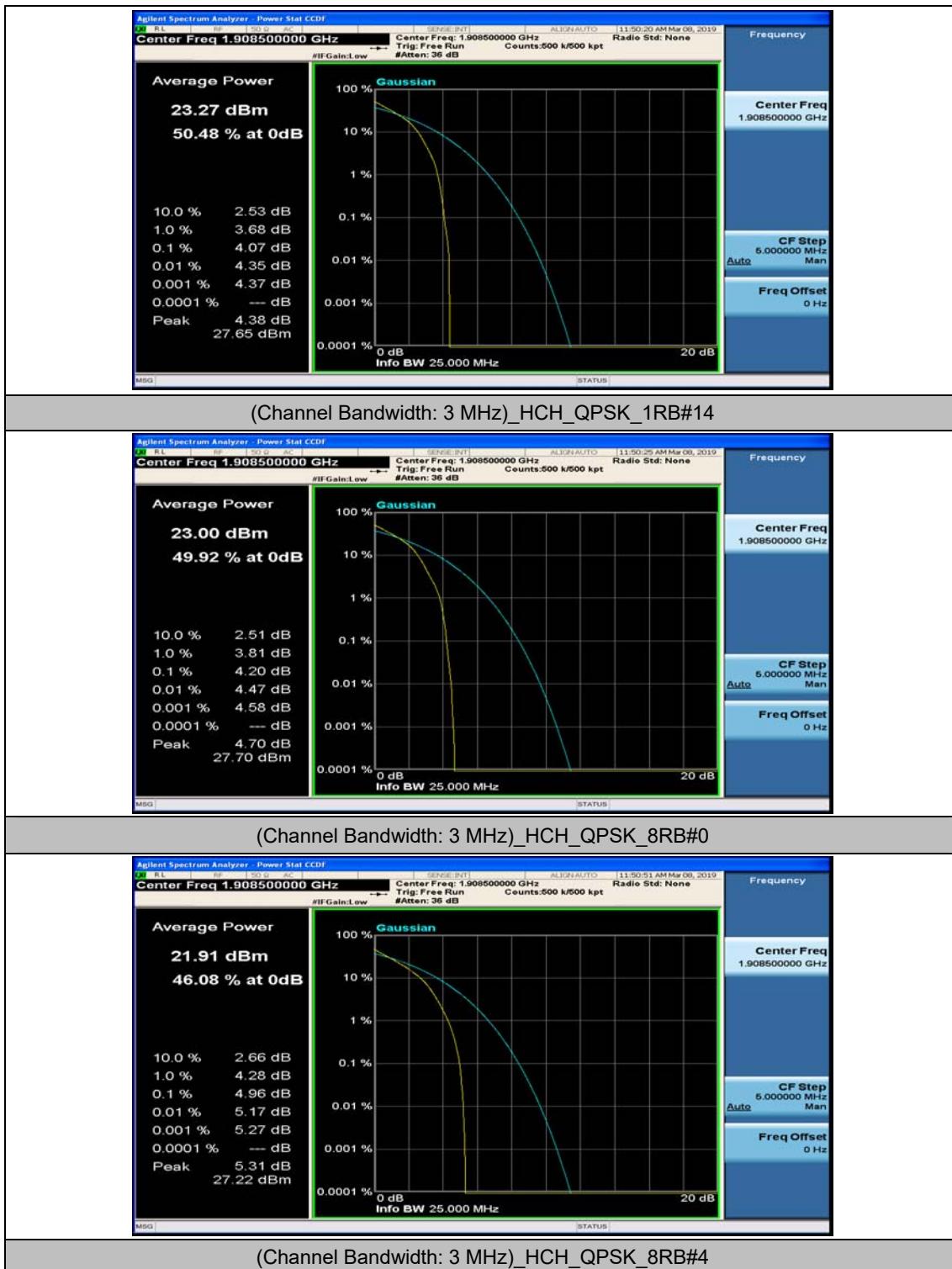


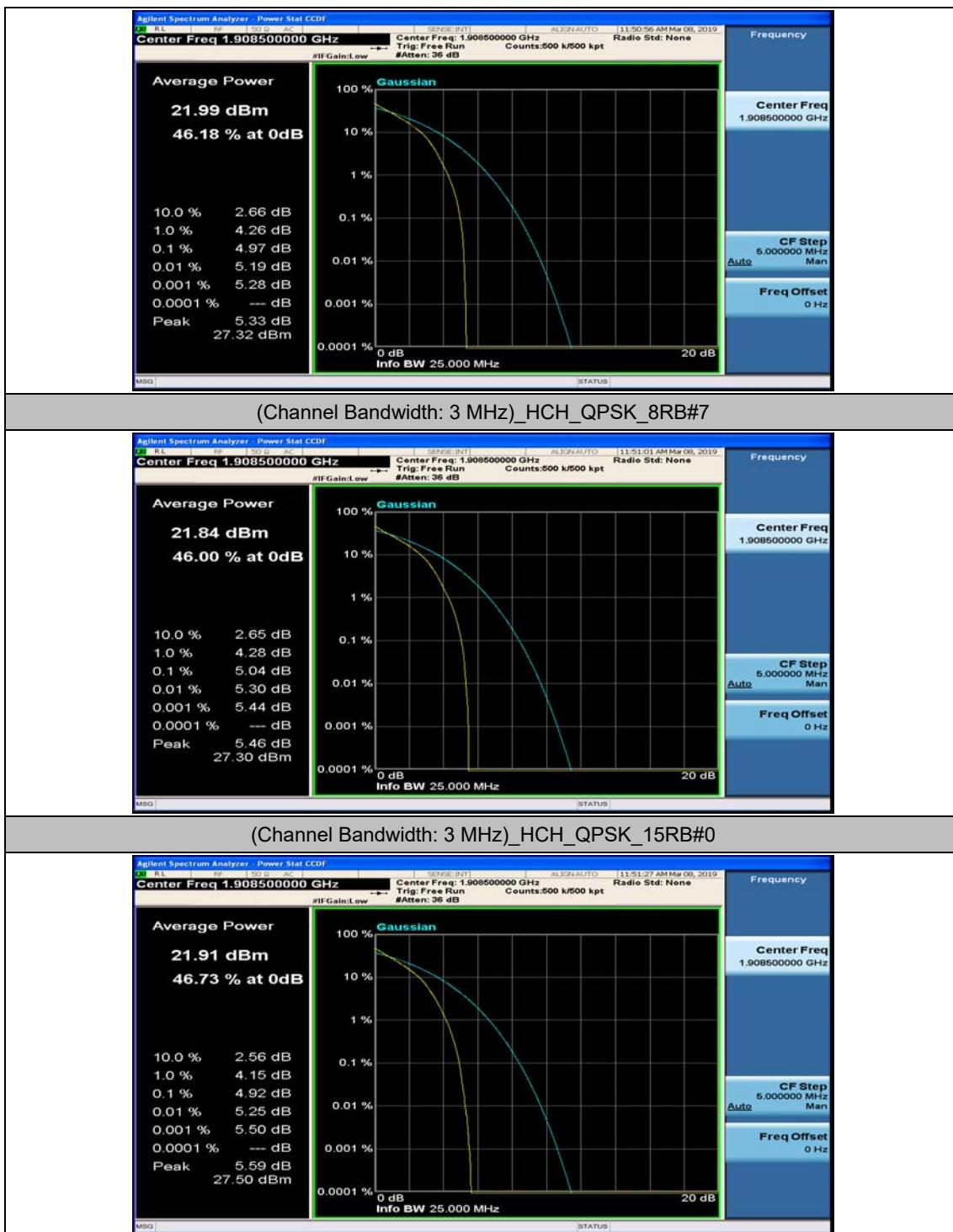


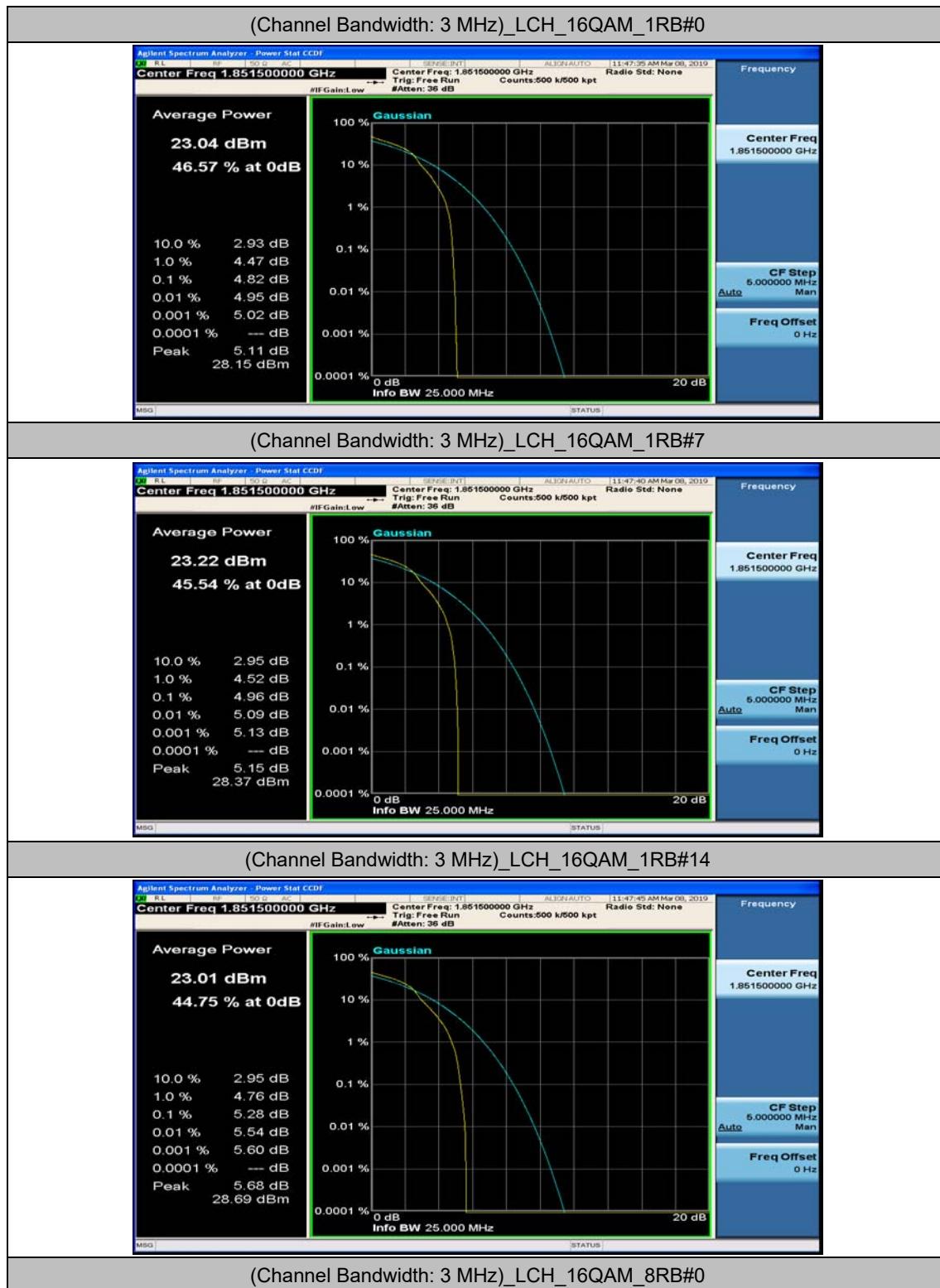
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14

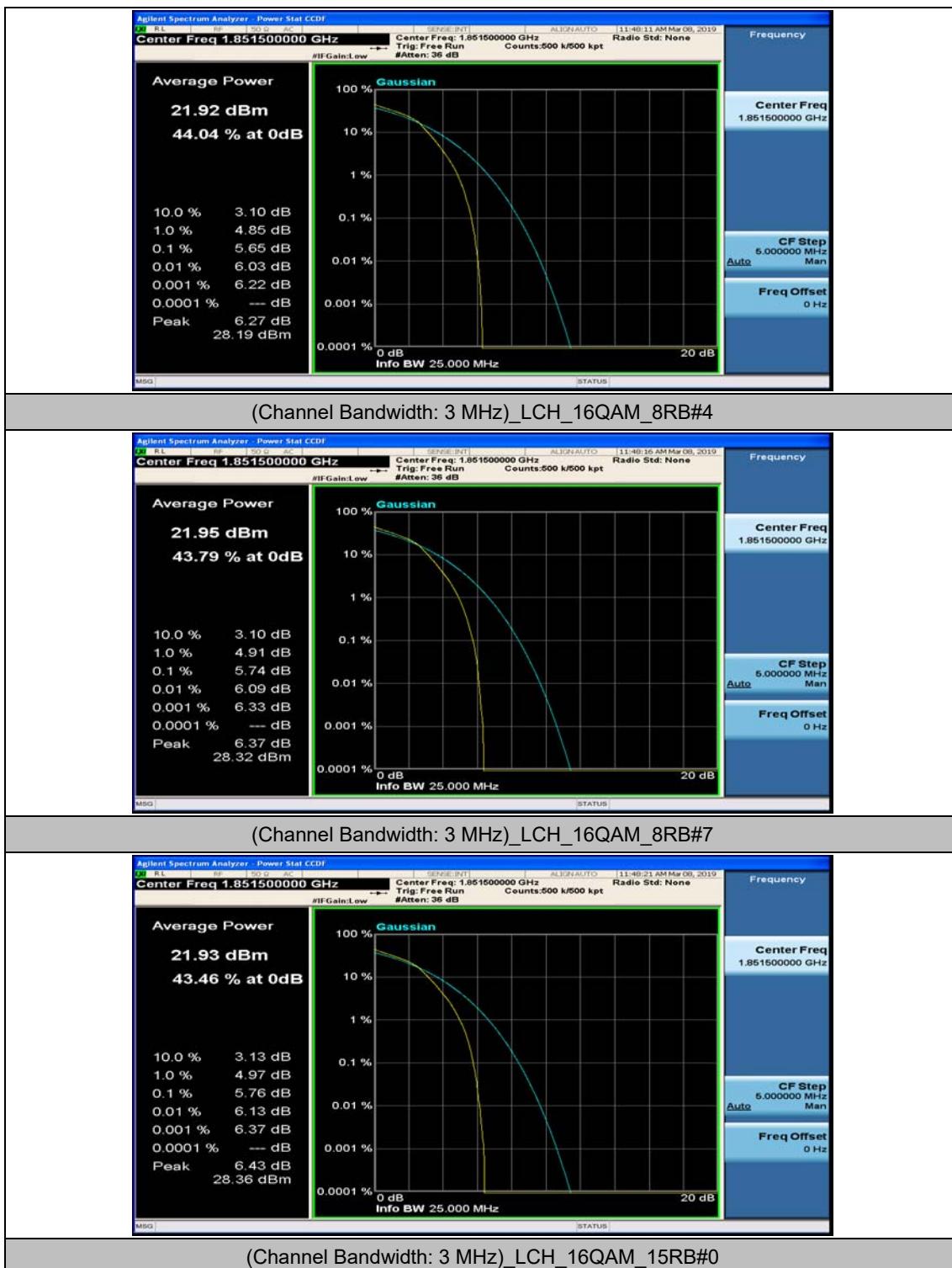


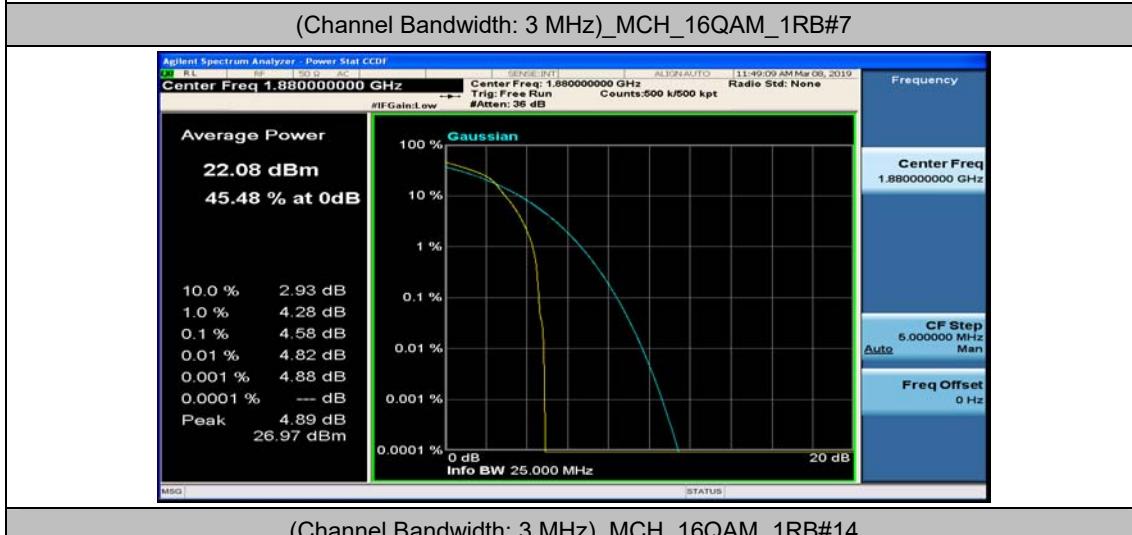
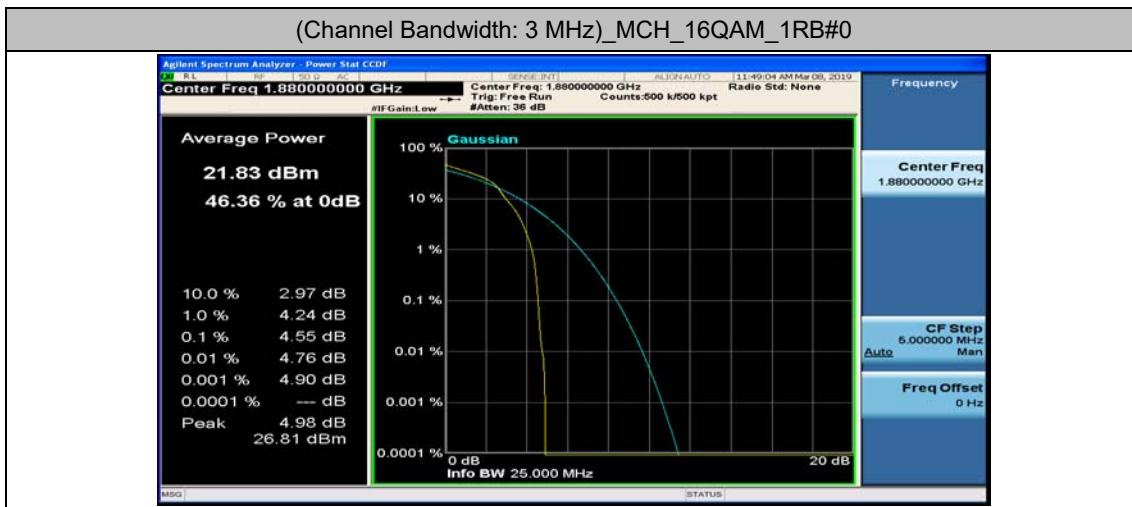
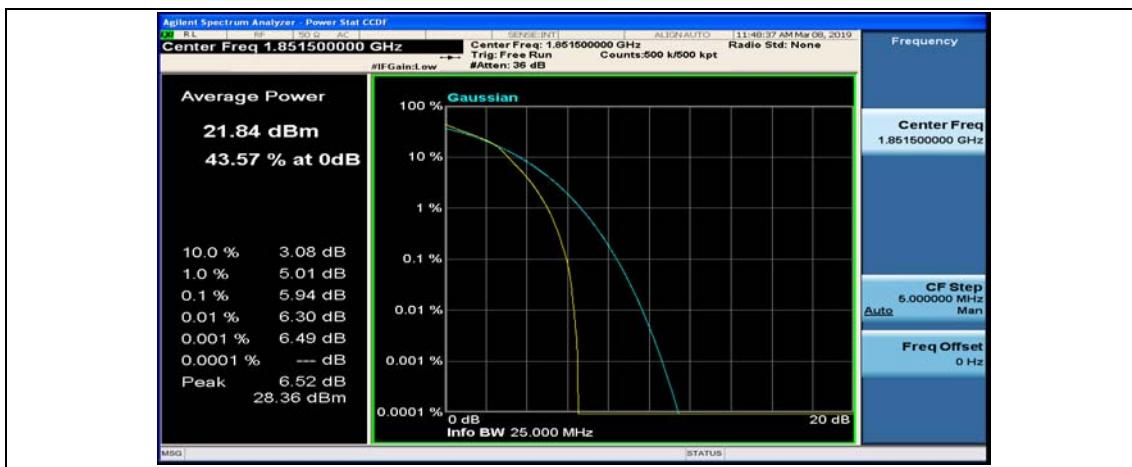




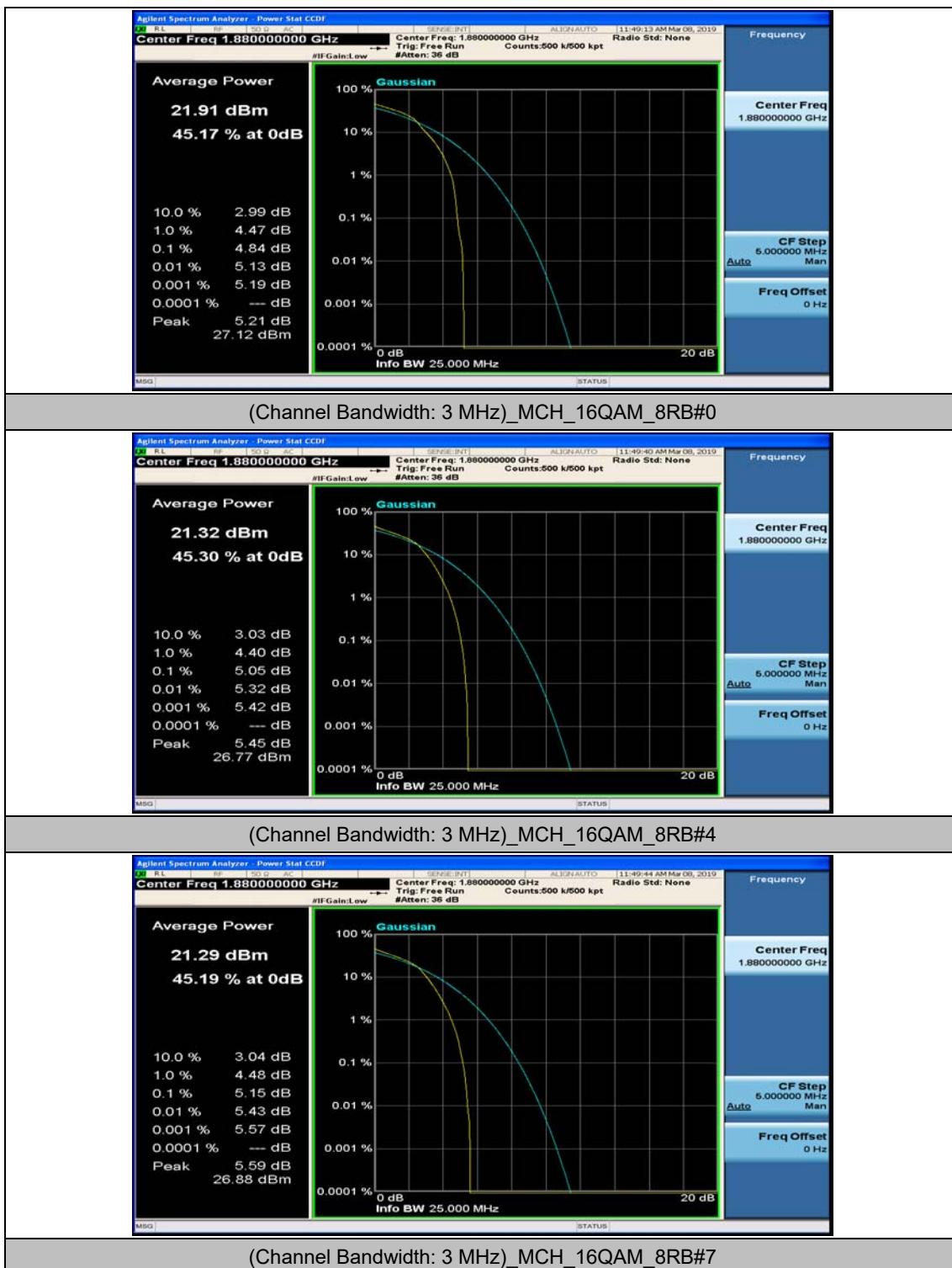


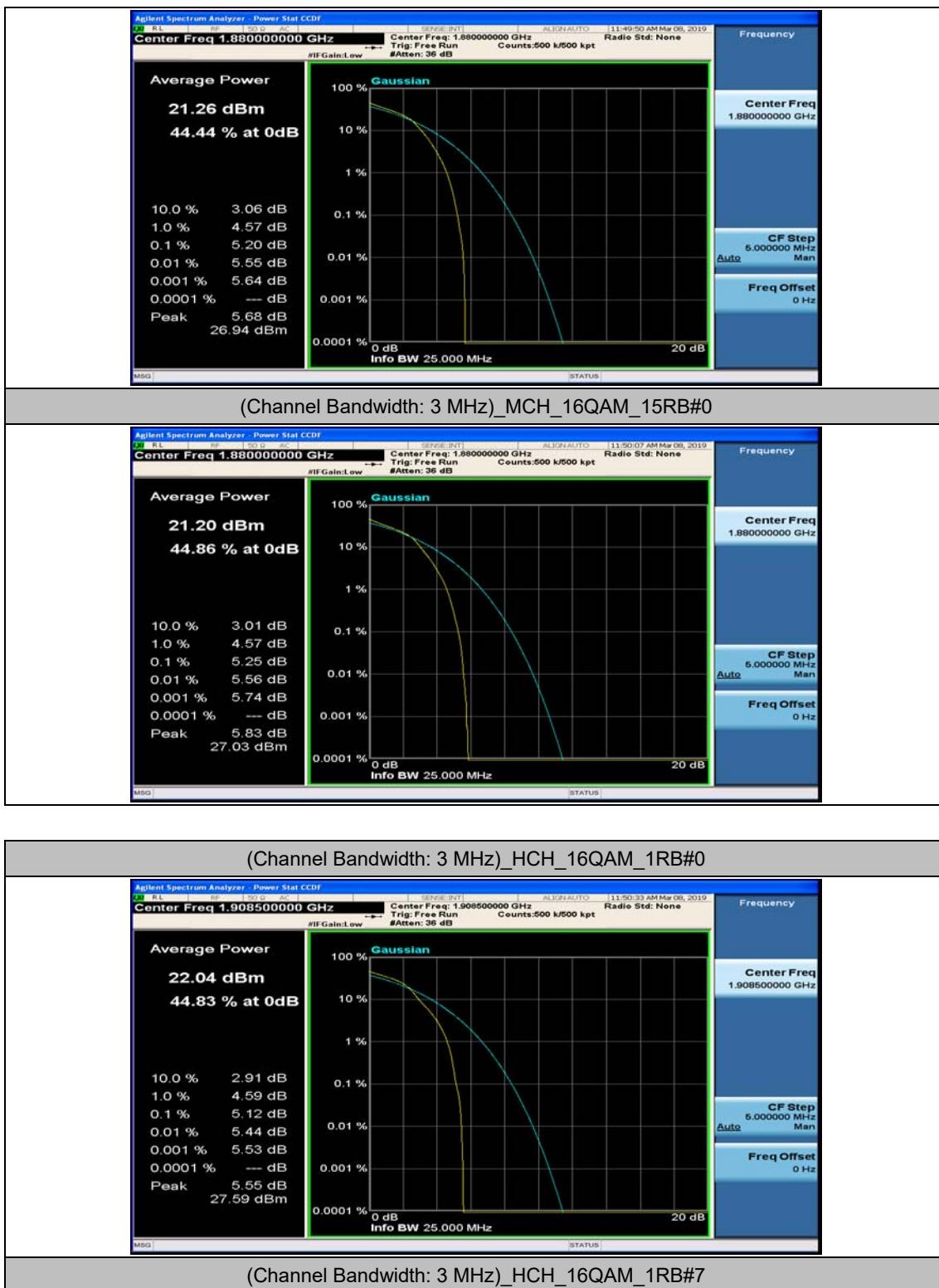


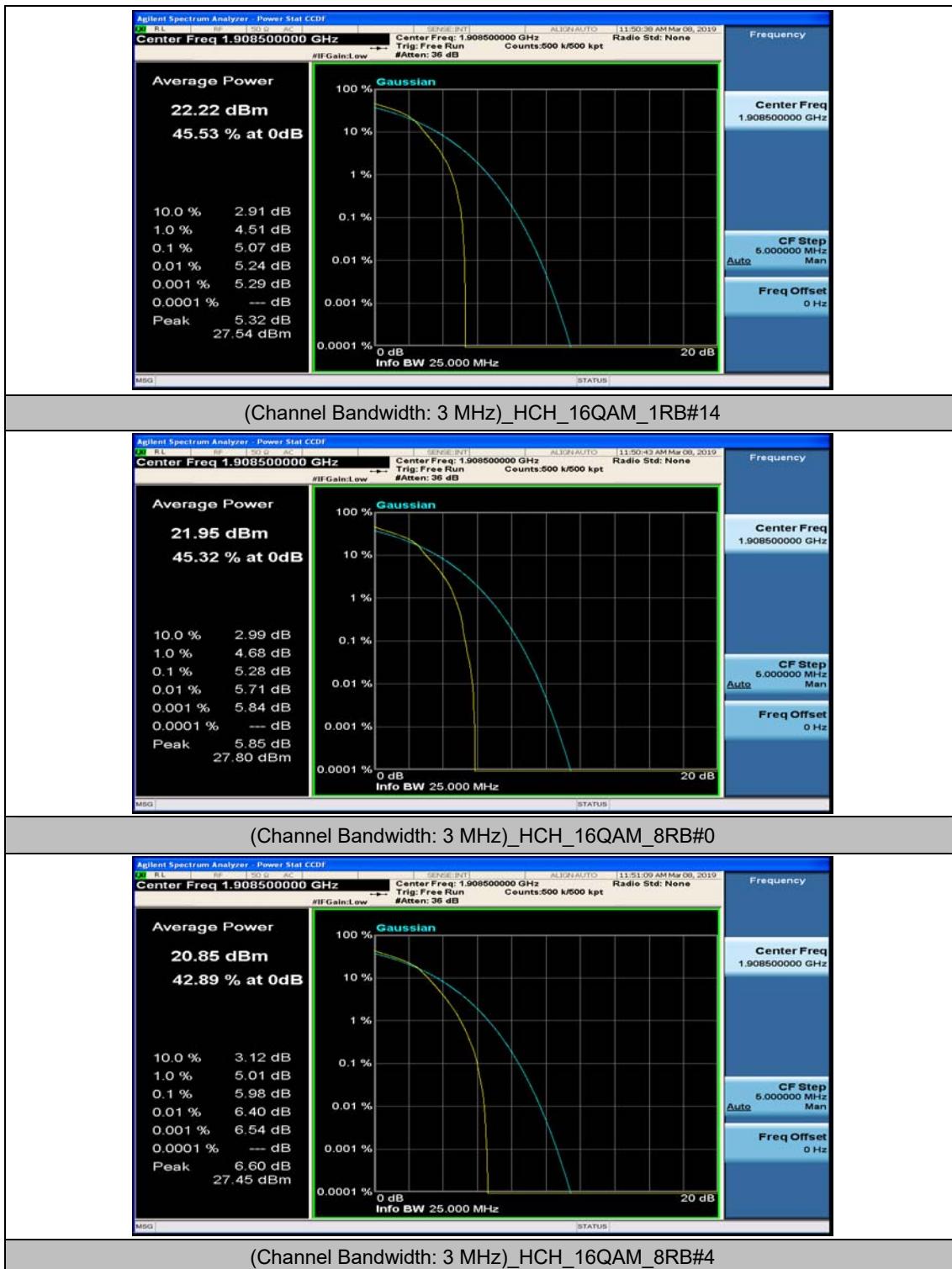


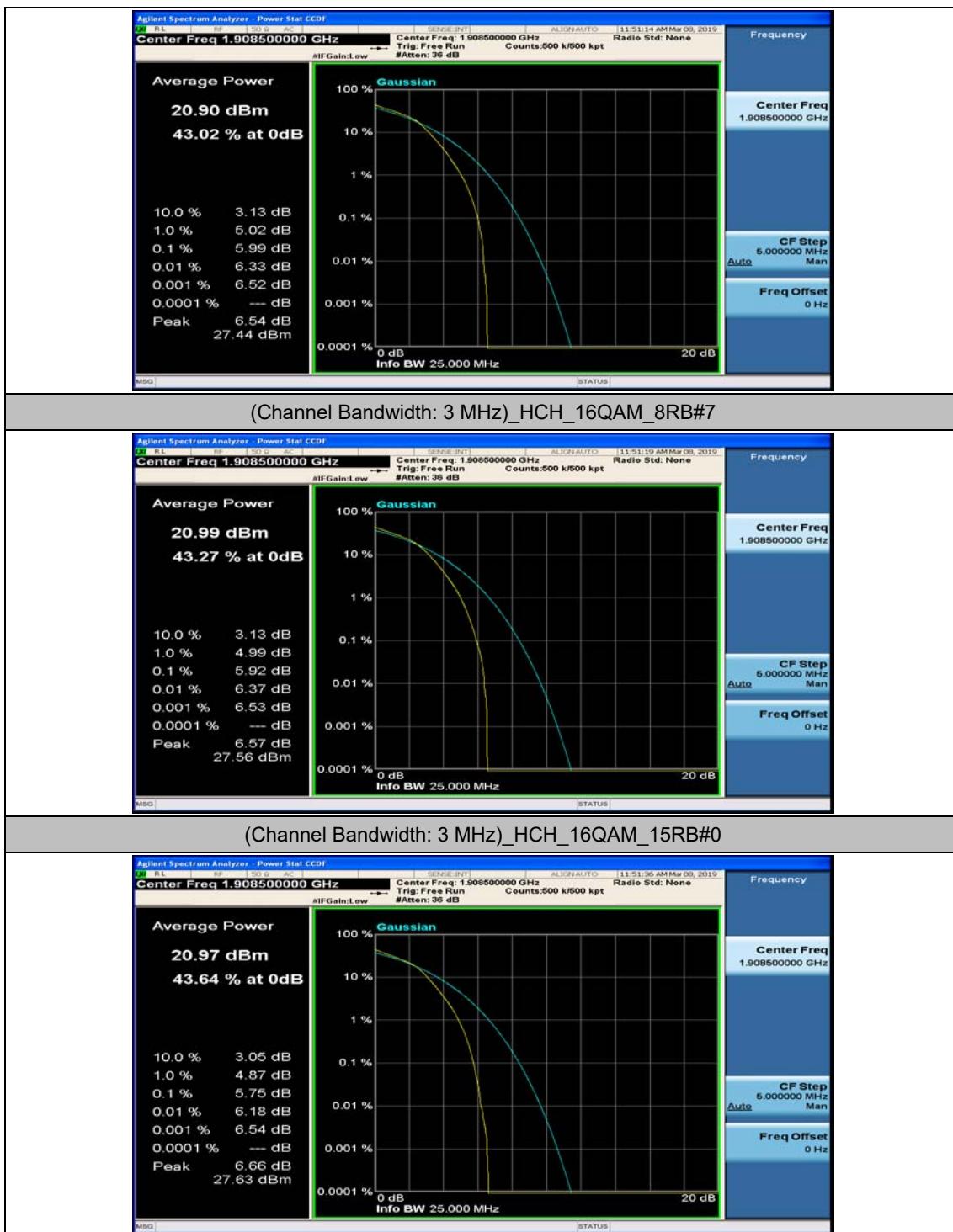


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14

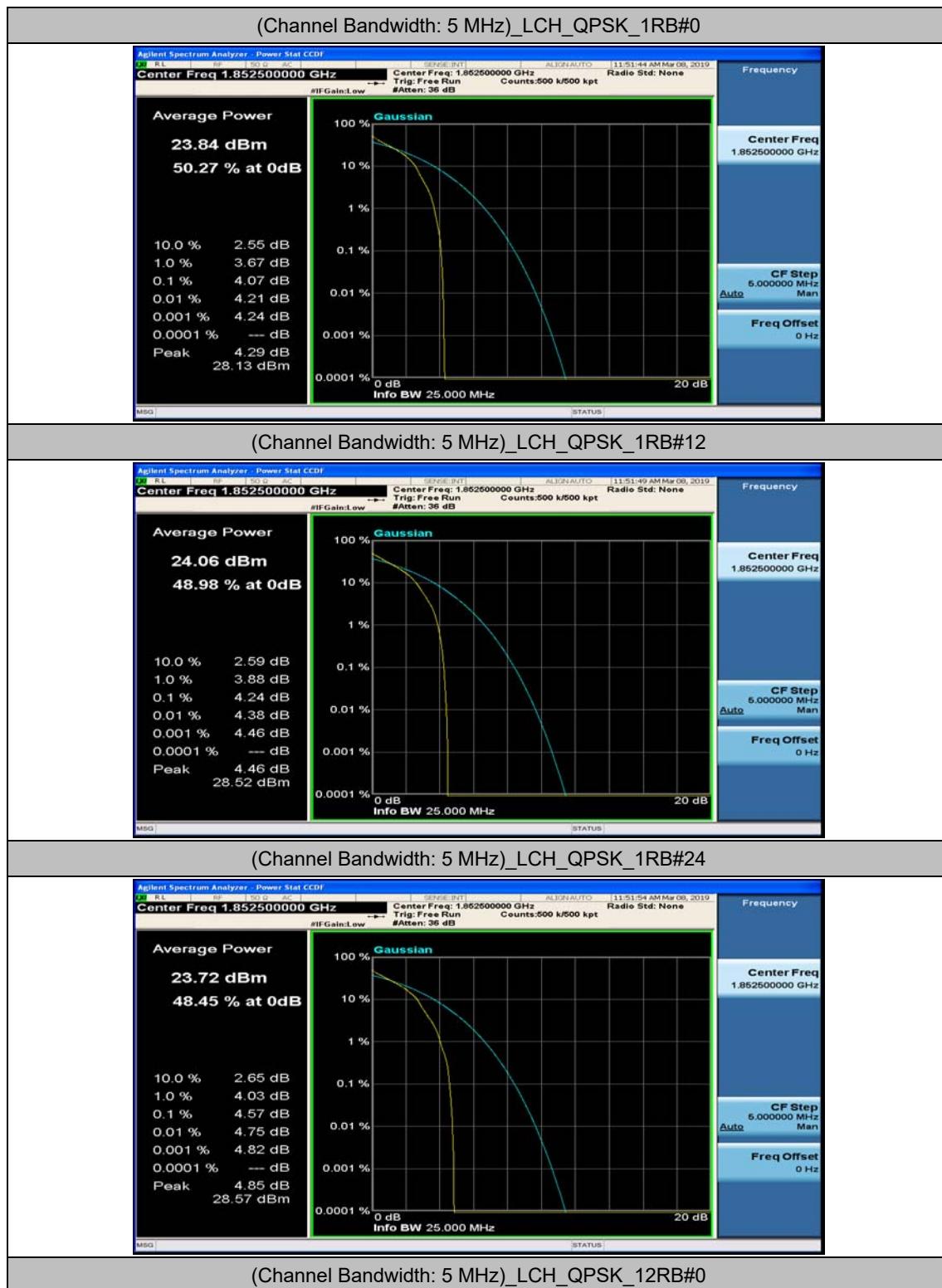


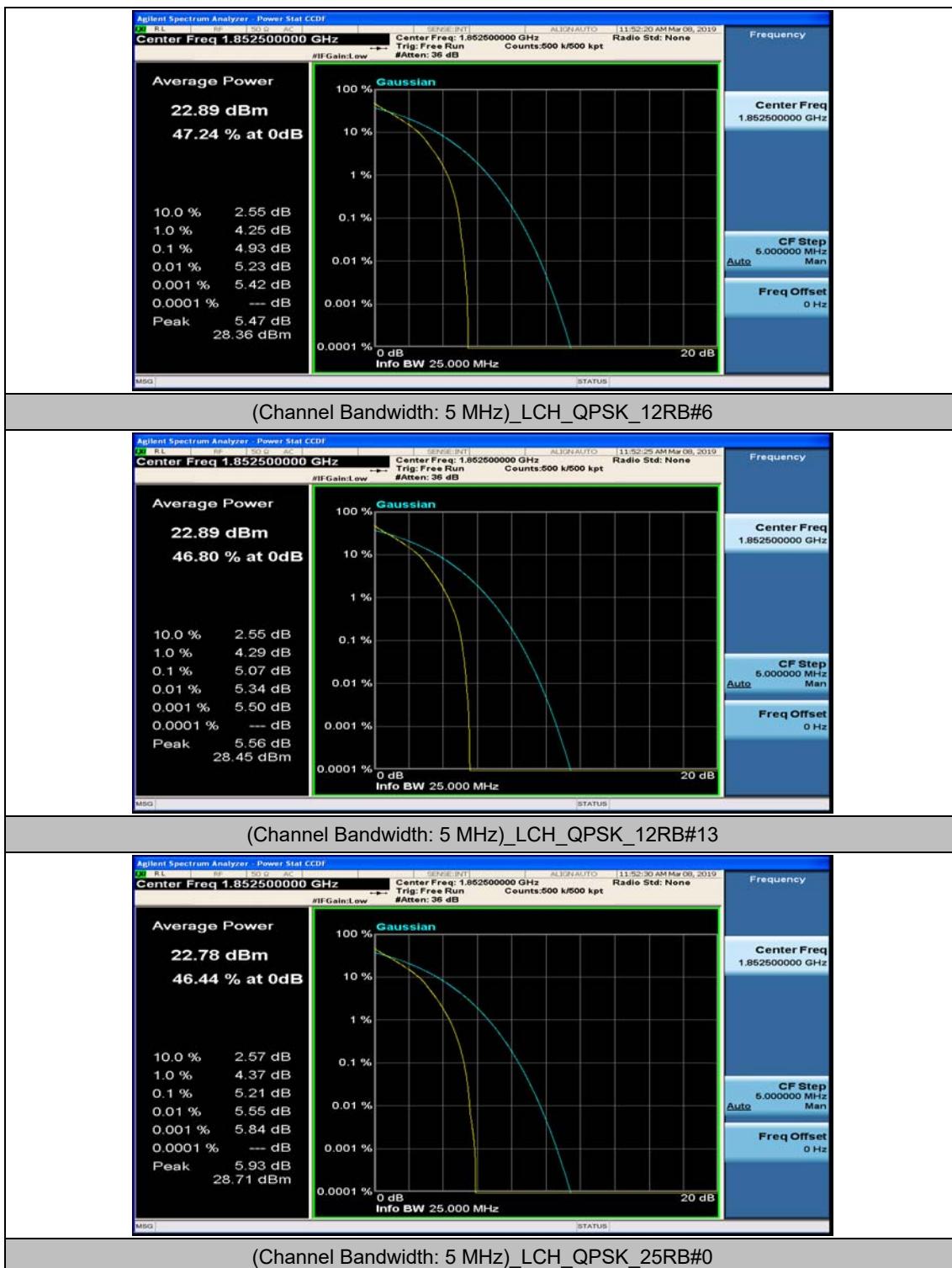


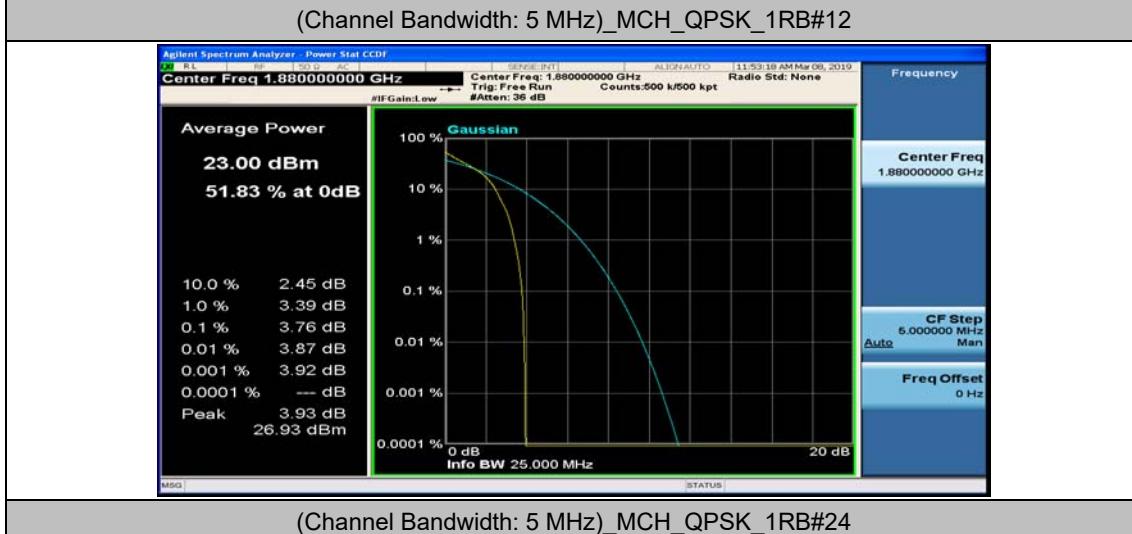
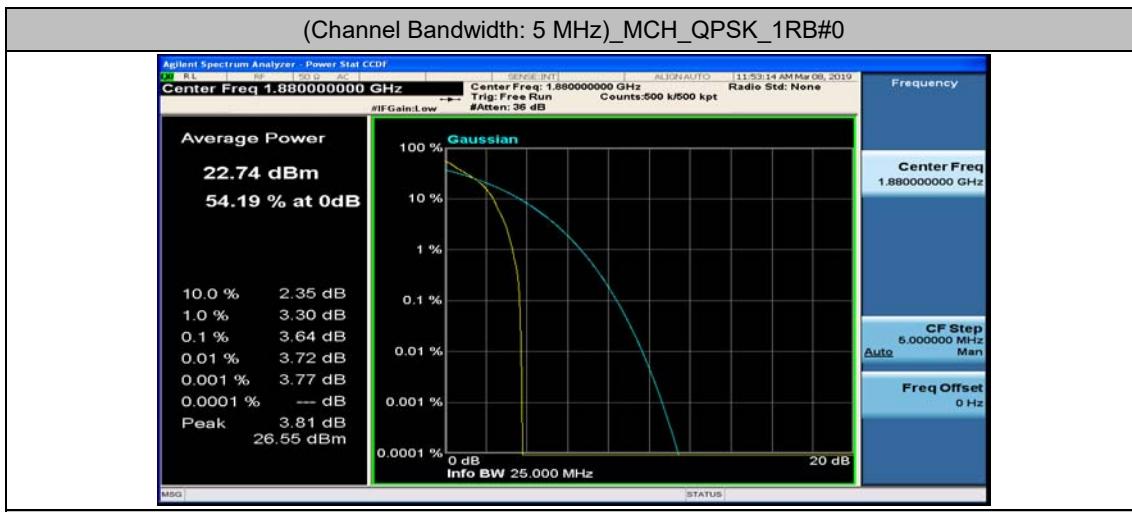
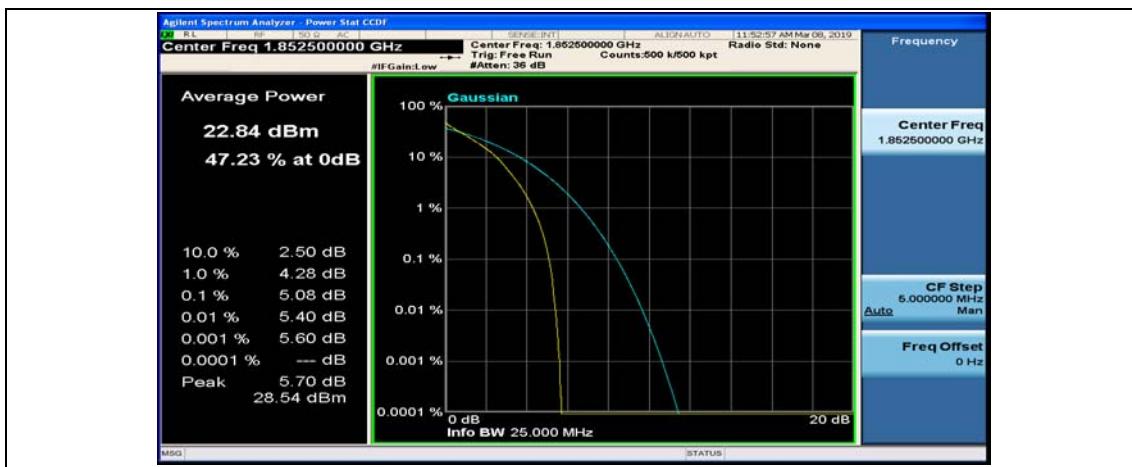


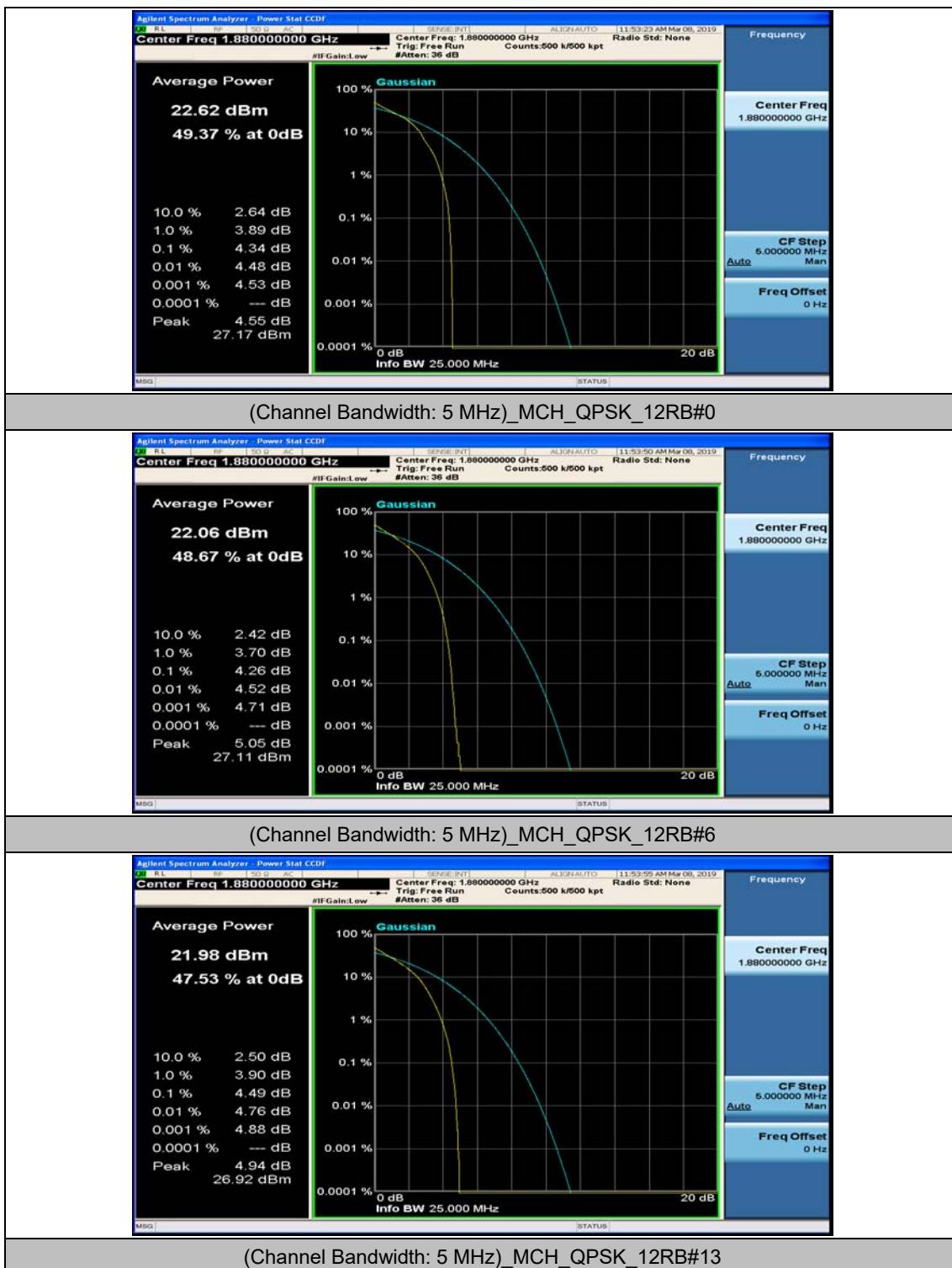


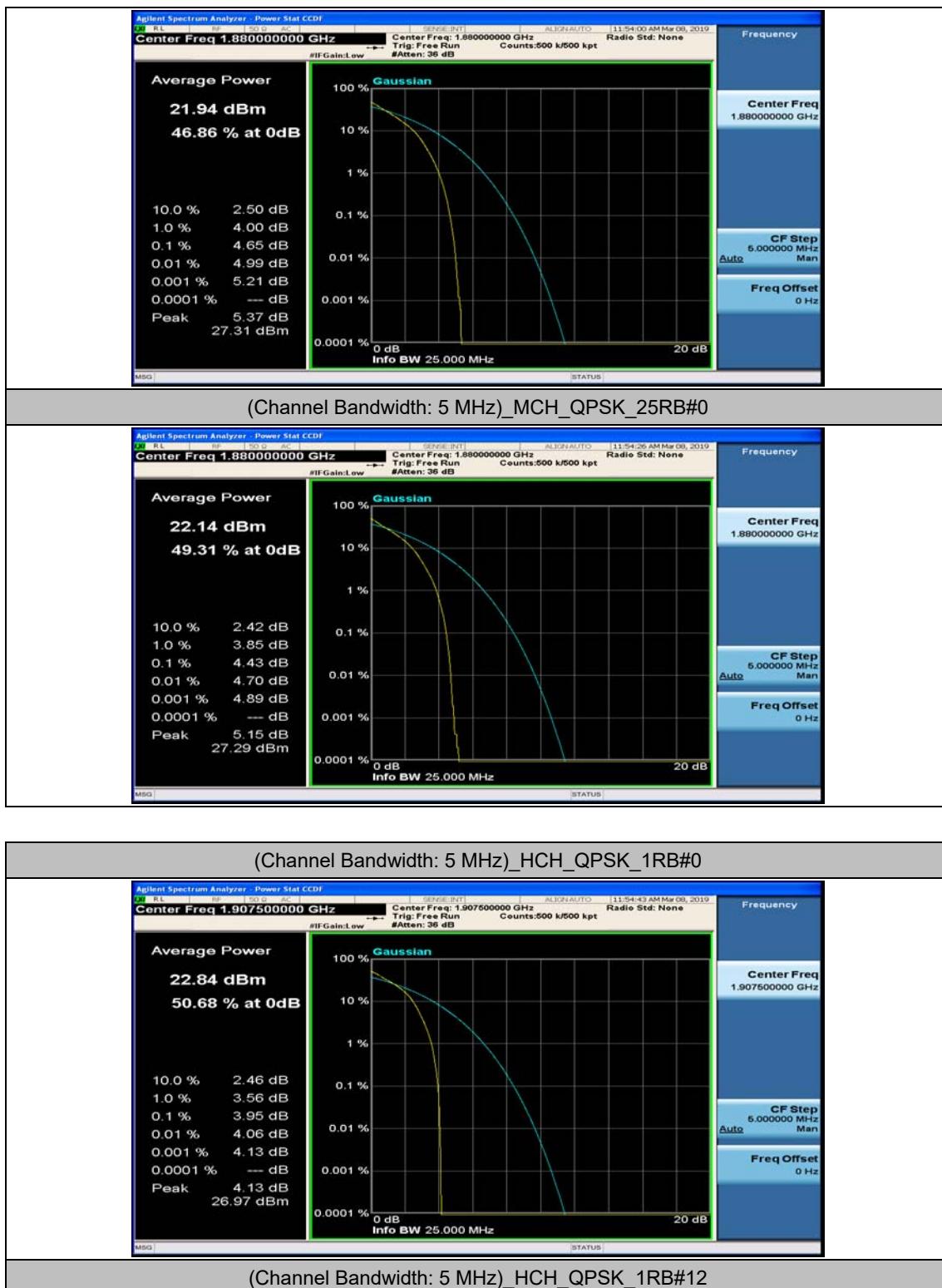
Channel Bandwidth: 5 MHz

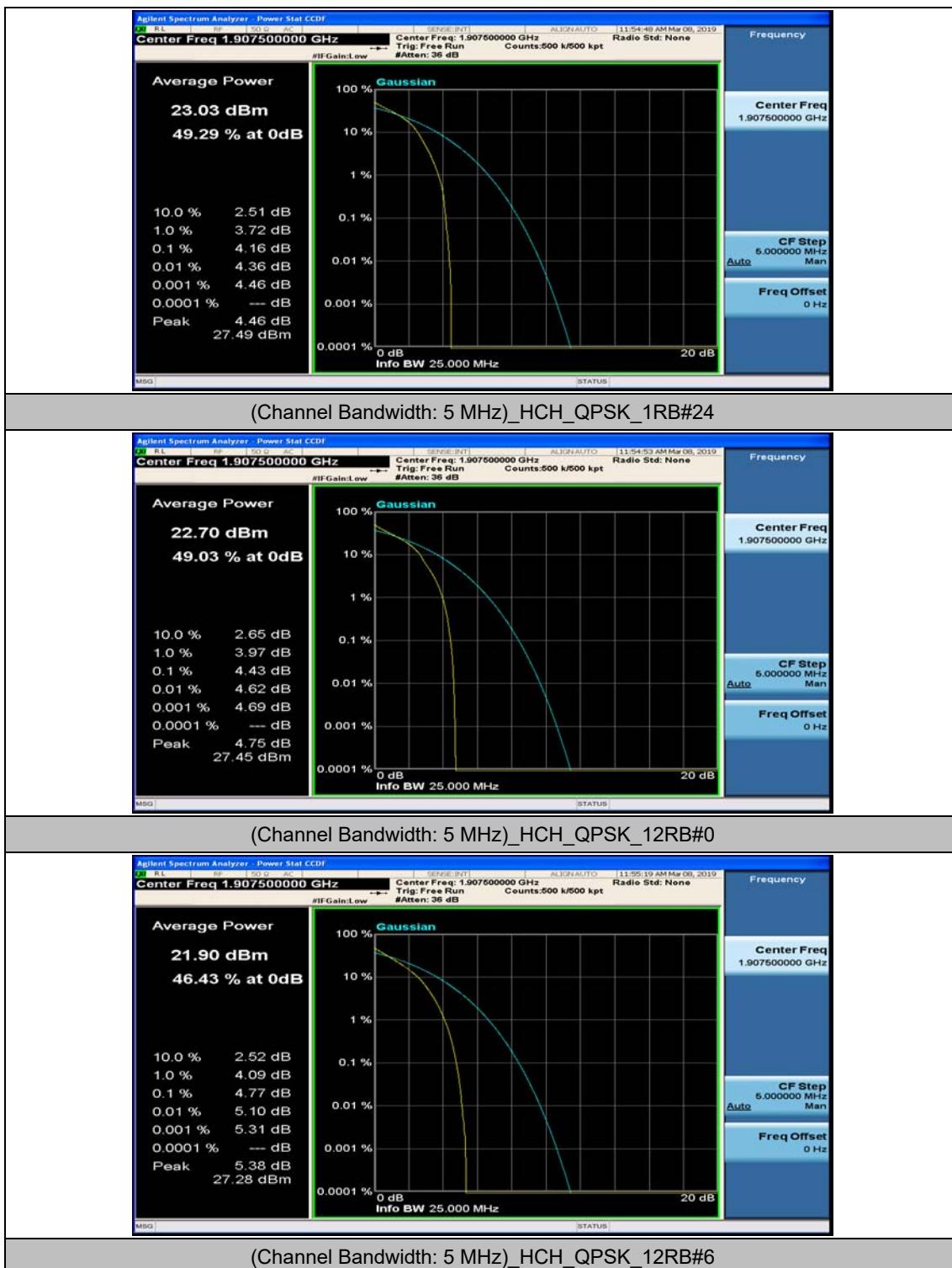


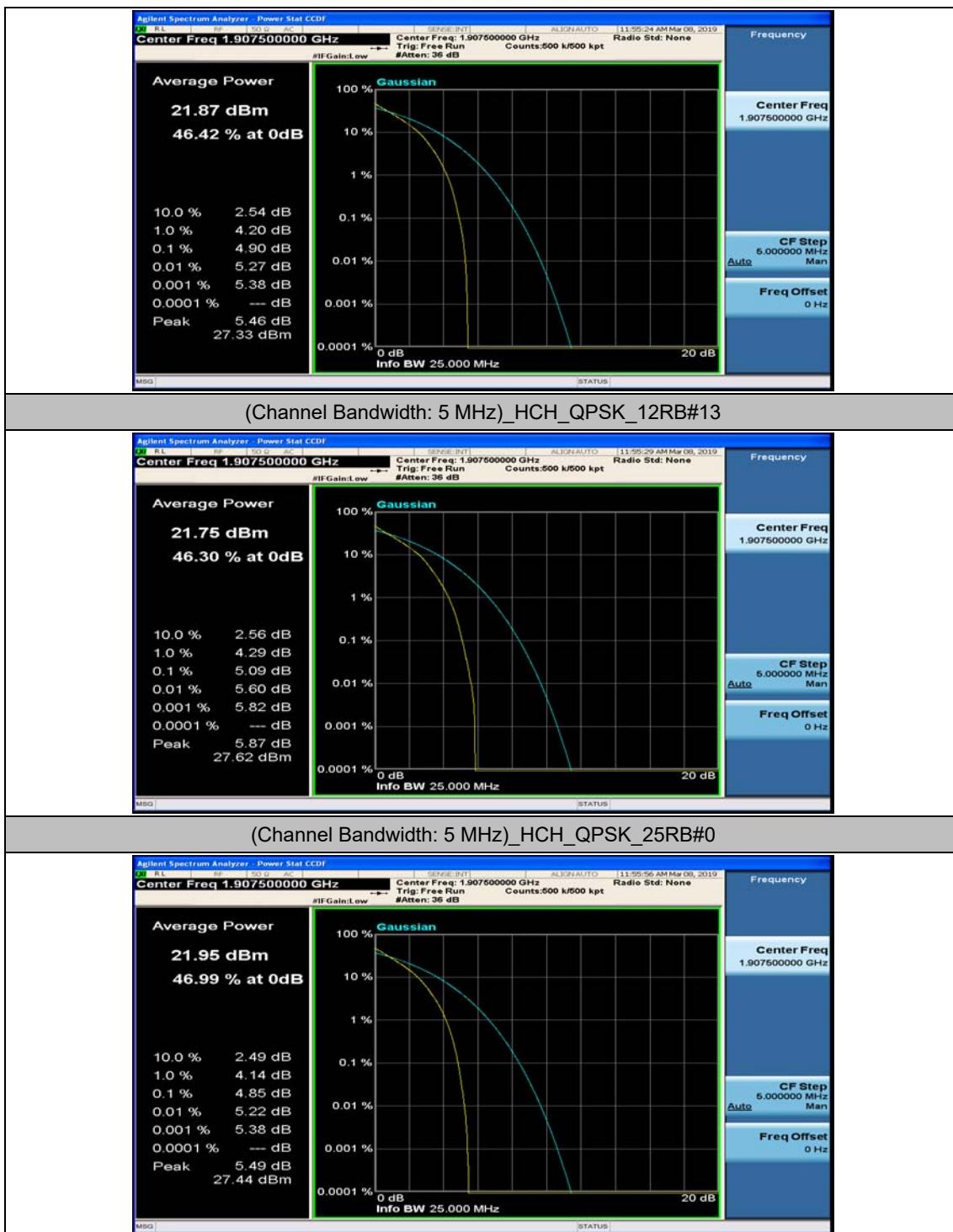


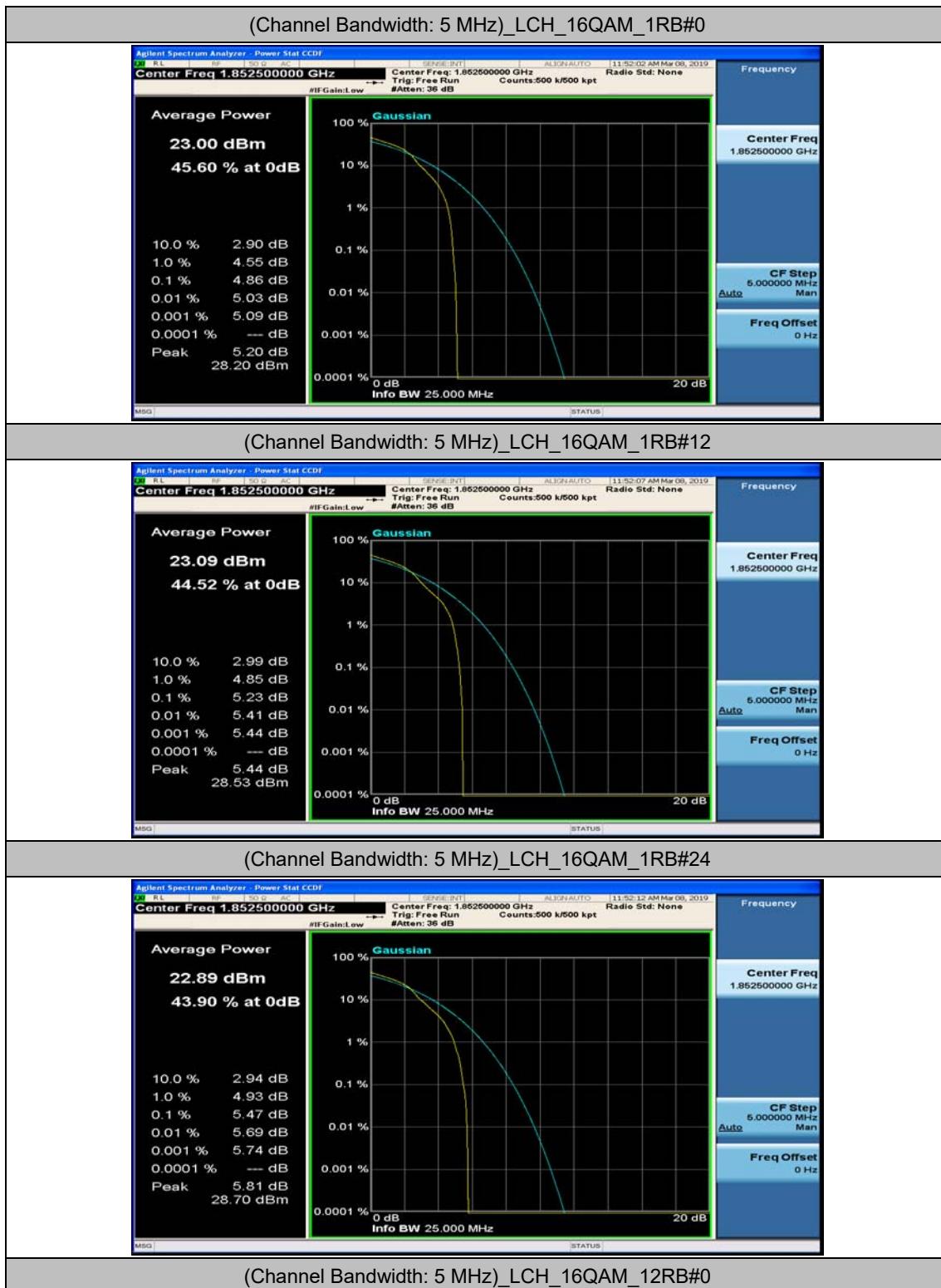


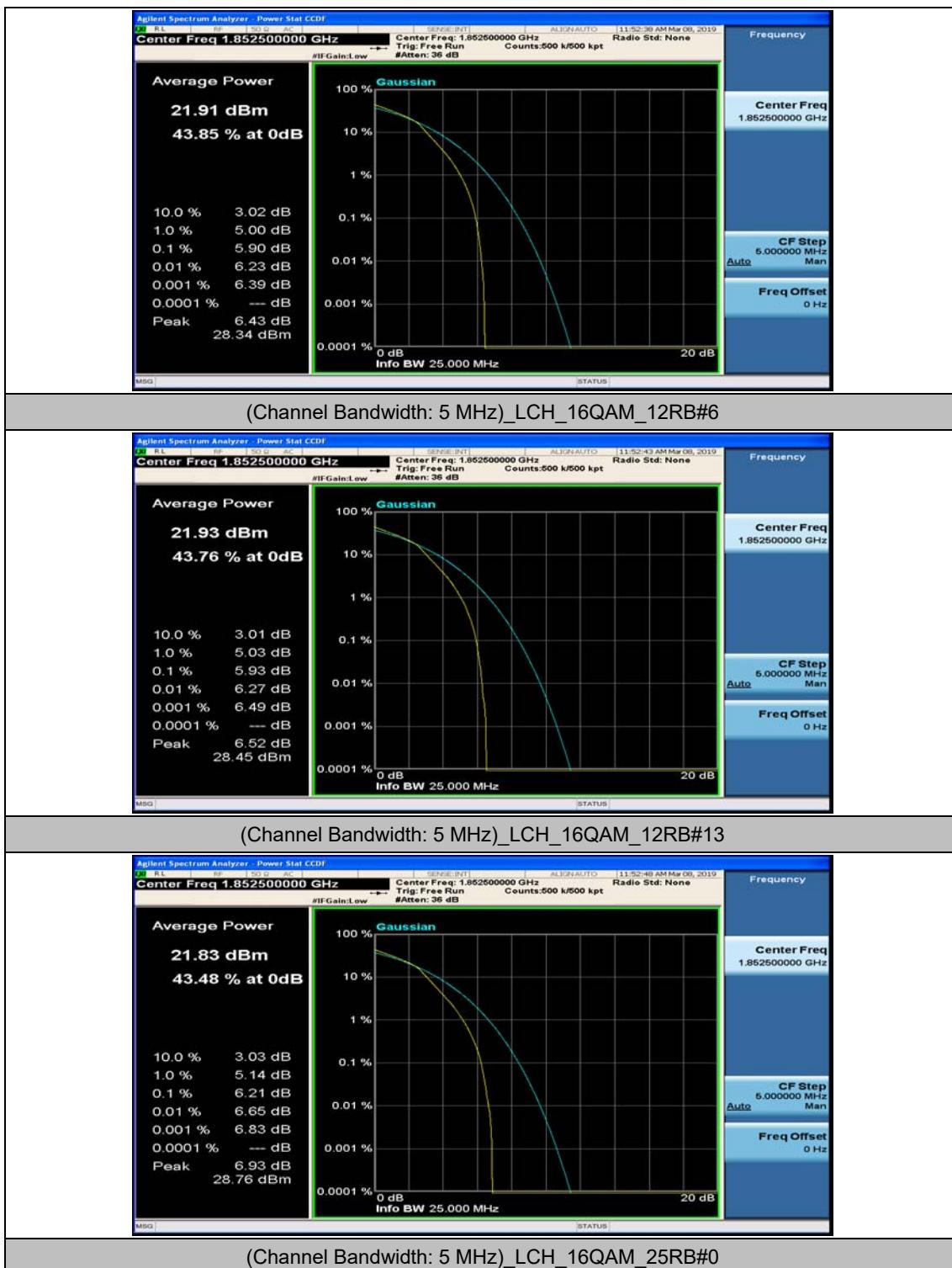


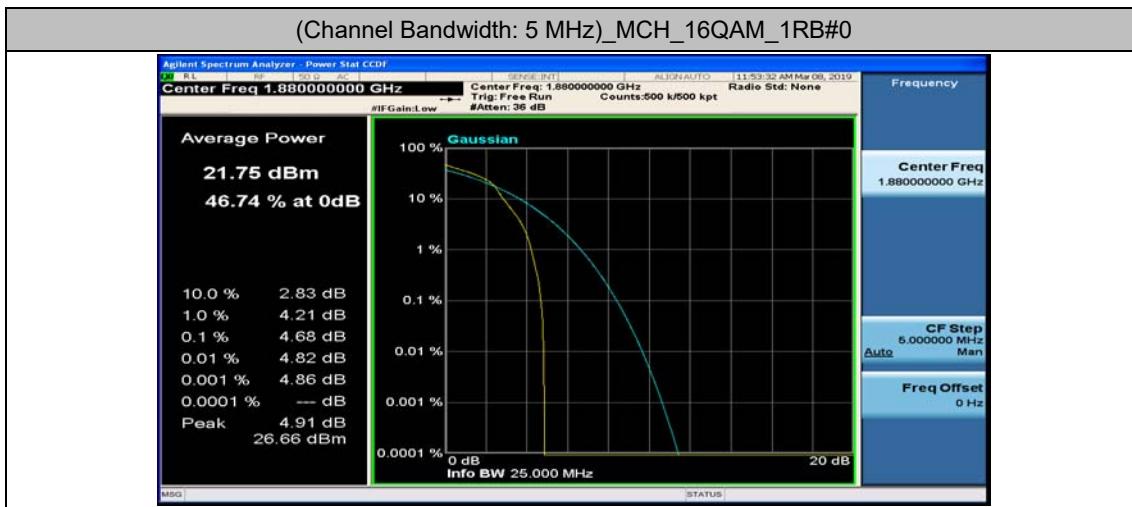
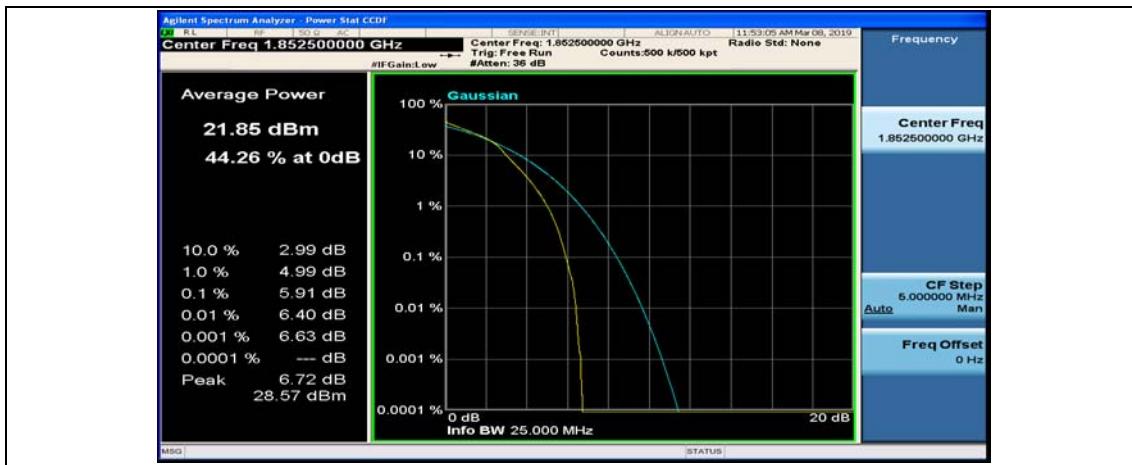




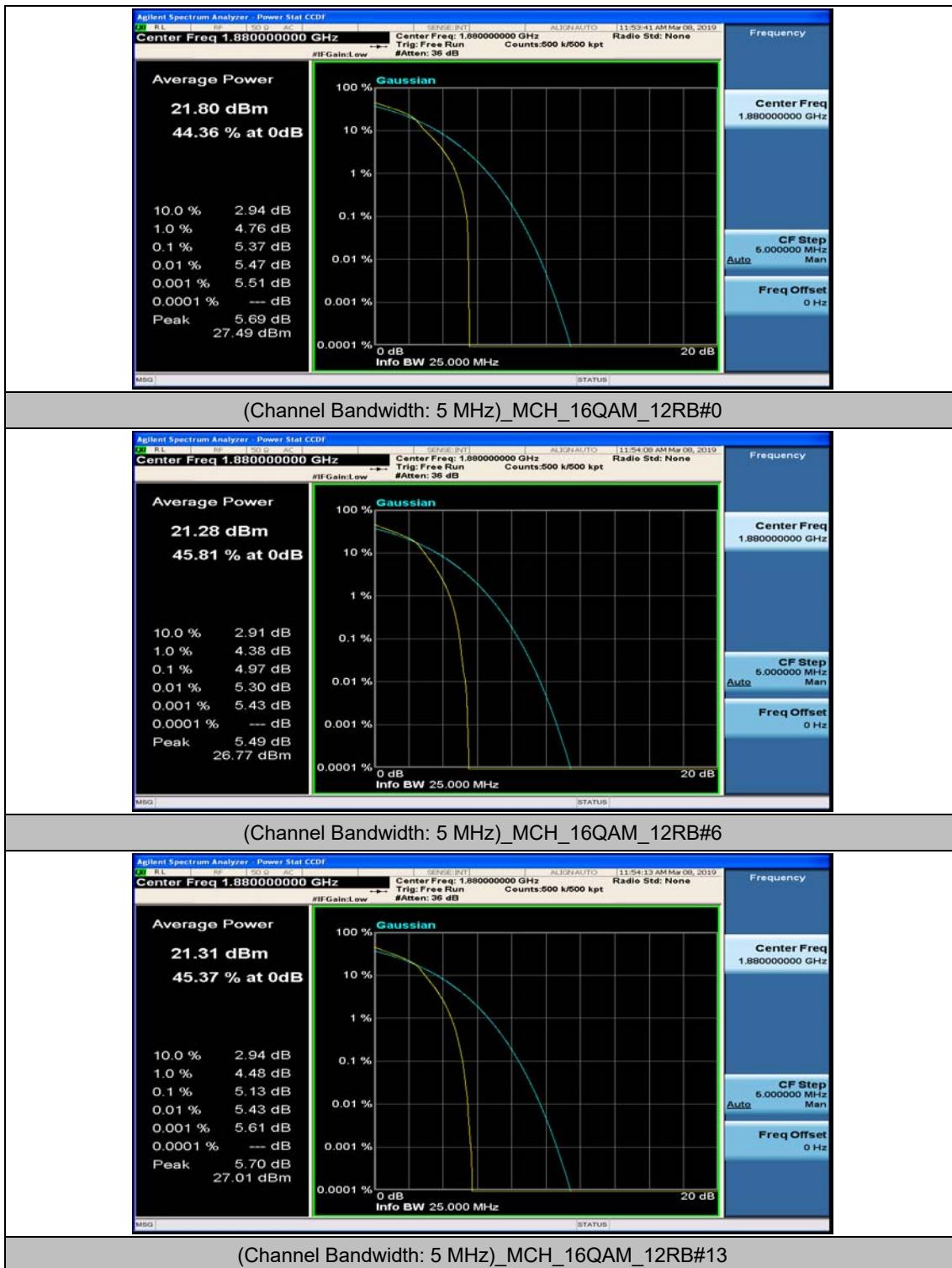


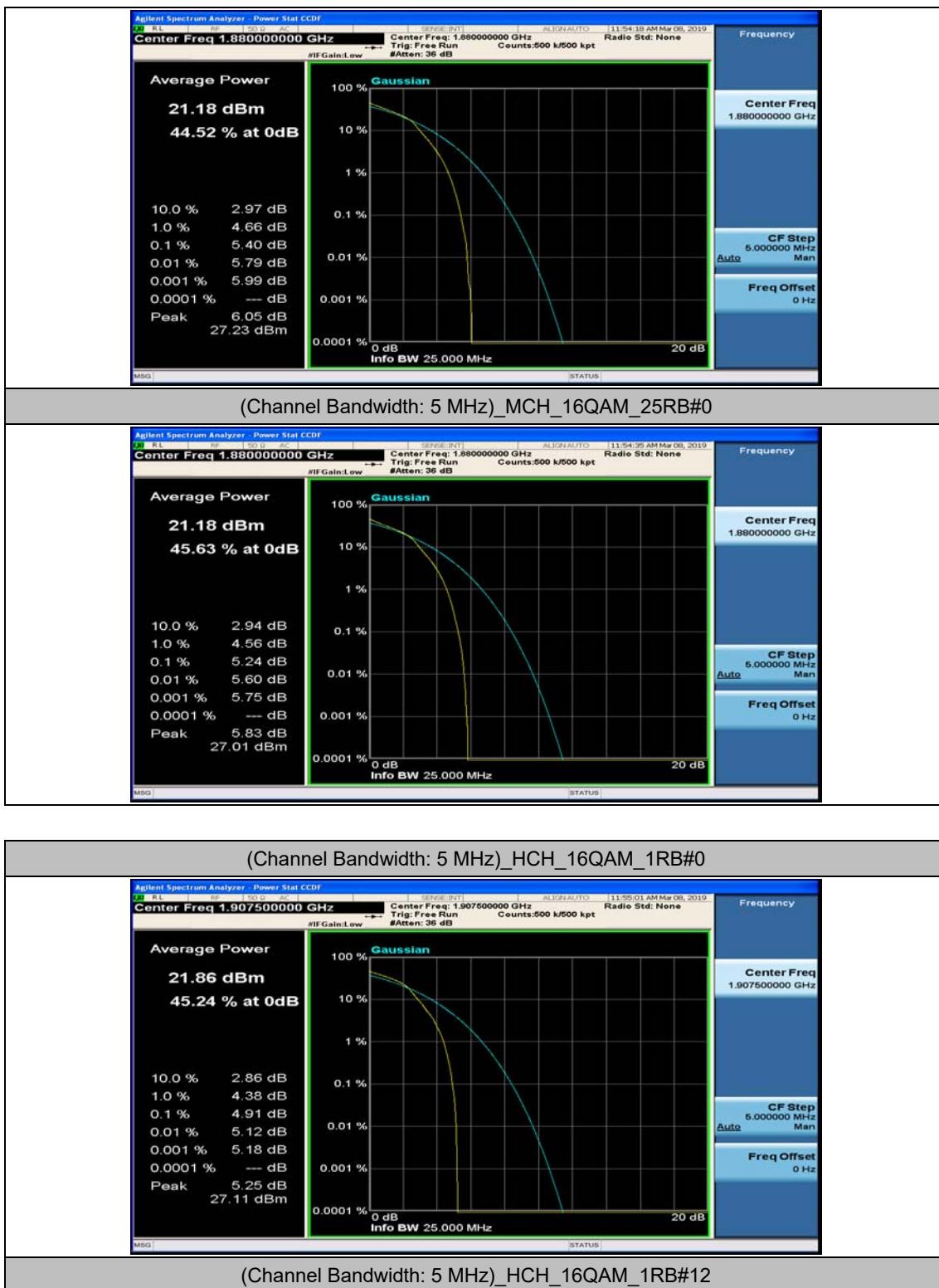


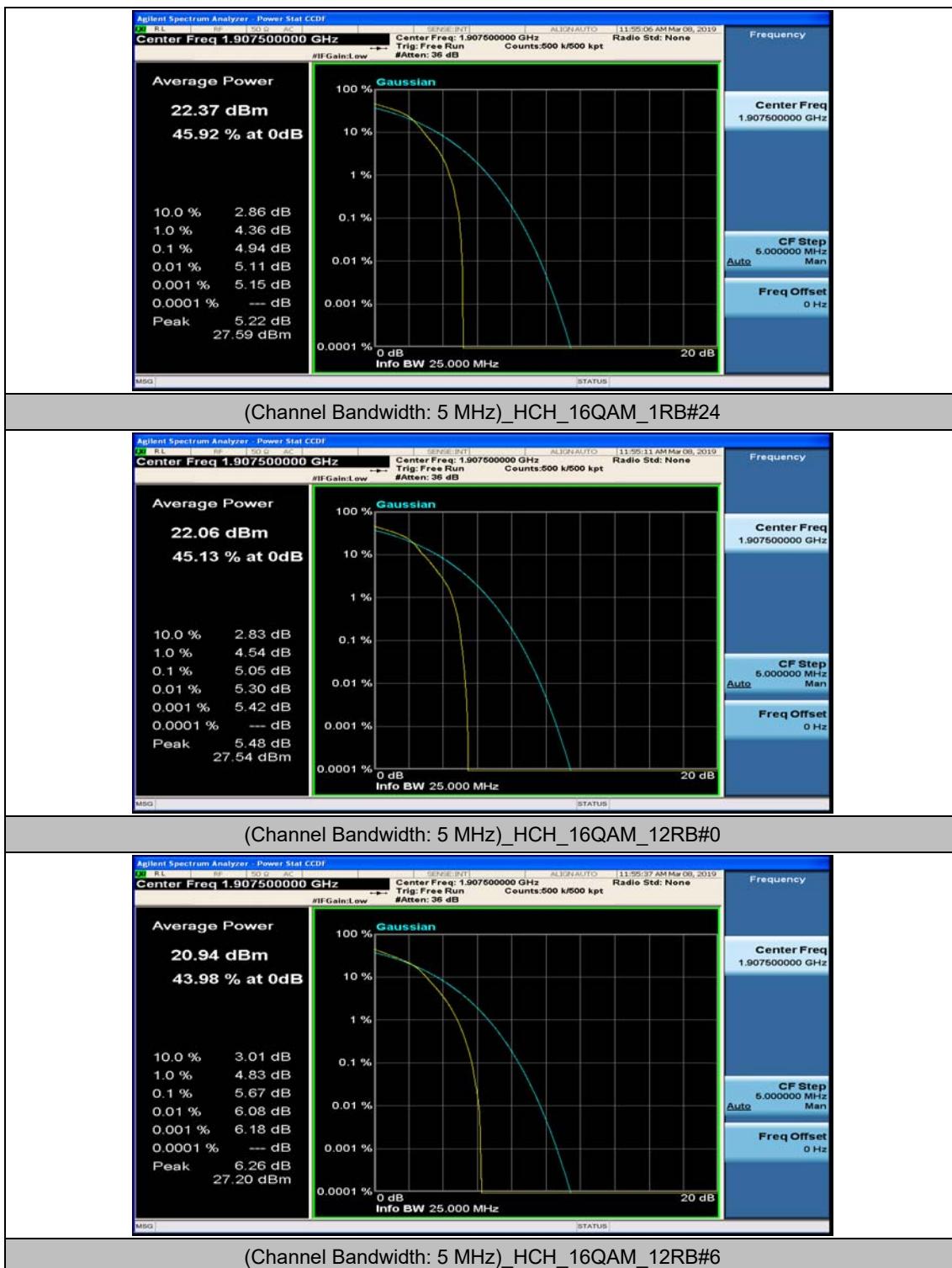


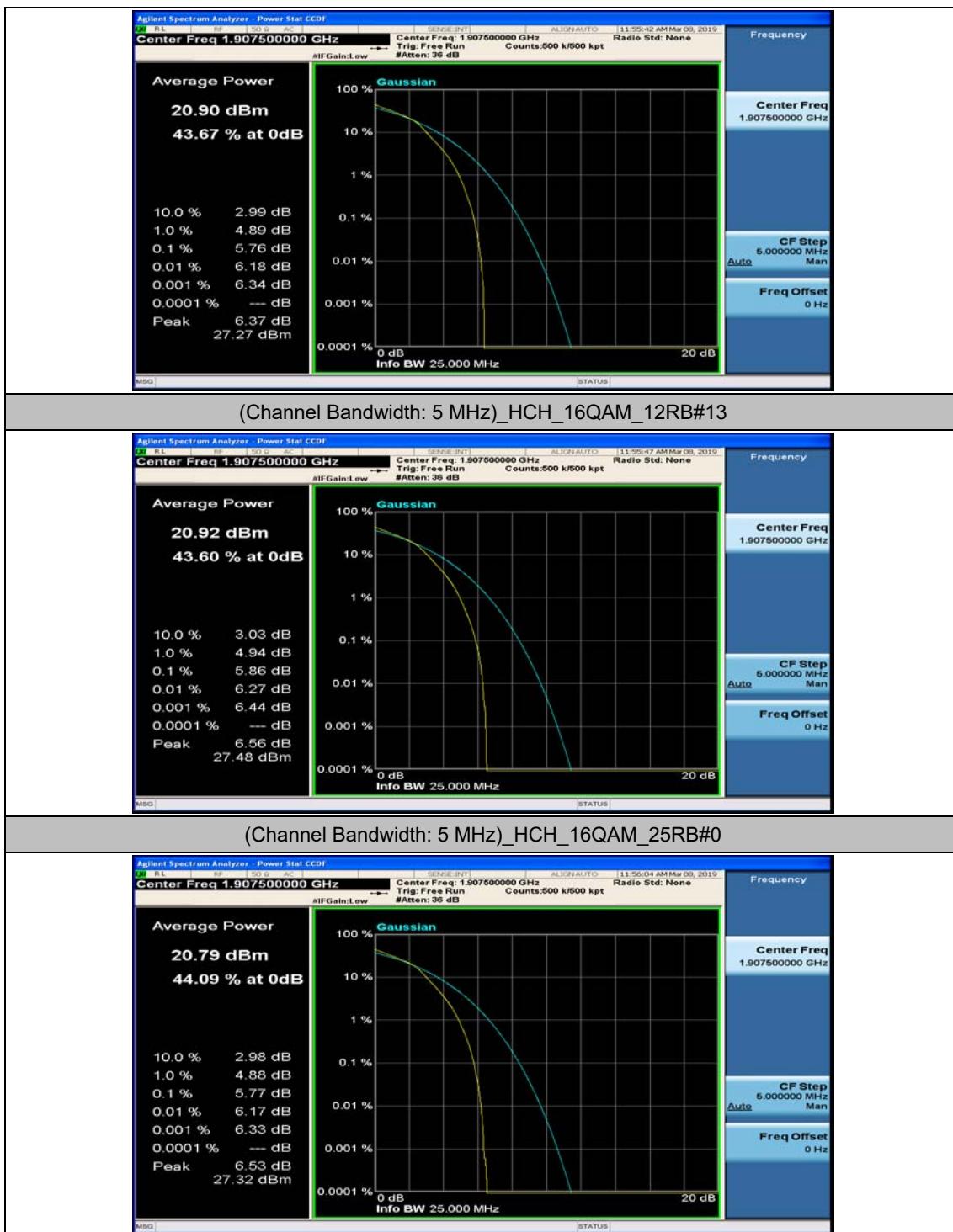


(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24









Channel Bandwidth: 10 MHz

