

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	22.24	PASS
		1	3	22.35	PASS
		1	5	22.22	PASS
		3	0	21.35	PASS
		3	2	21.37	PASS
		3	3	21.35	PASS
		6	0	21.27	PASS
	MCH	1	0	22.16	PASS
		1	3	22.37	PASS
		1	5	22.14	PASS
		3	0	21.26	PASS
		3	2	21.27	PASS
		3	3	21.27	PASS
		6	0	21.21	PASS
16QAM	LCH	1	0	22.20	PASS
		1	3	22.34	PASS
		1	5	22.24	PASS
		3	0	21.32	PASS
		3	2	21.36	PASS
		3	3	21.37	PASS
		6	0	21.27	PASS
	MCH	1	0	21.50	PASS
		1	3	21.64	PASS
		1	5	21.52	PASS
		3	0	21.46	PASS
		3	2	21.48	PASS
		3	3	21.44	PASS
		6	0	20.98	PASS

		3	2	21.24	PASS
		3	3	21.22	PASS
		6	0	20.88	PASS
HCH	HCH	1	0	21.47	PASS
		1	3	21.70	PASS
		1	5	21.49	PASS
		3	0	21.36	PASS
		3	2	21.41	PASS
		3	3	21.41	PASS
		6	0	20.92	PASS

Channel Bandwidth: 3 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.24	PASS
		1	7	22.49	PASS
		1	14	22.29	PASS
		8	0	21.29	PASS
		8	4	21.32	PASS
		8	7	21.25	PASS
		15	0	21.22	PASS
	MCH	1	0	22.22	PASS
		1	7	22.44	PASS
		1	14	22.16	PASS
		8	0	21.23	PASS
		8	4	21.26	PASS
		8	7	21.19	PASS
		15	0	21.15	PASS
	HCH	1	0	22.24	PASS
		1	7	22.39	PASS
		1	14	22.21	PASS
		8	0	21.20	PASS
		8	4	21.26	PASS
		8	7	21.20	PASS
		15	0	21.24	PASS
16QAM	LCH	1	0	21.57	PASS
		1	7	21.80	PASS
		1	14	21.58	PASS
		8	0	20.55	PASS
		8	4	20.40	PASS
		8	7	20.93	PASS
		15	0	20.26	PASS

	MCH	1	0	21.55	PASS
		1	7	21.77	PASS
		1	14	21.54	PASS
		8	0	20.65	PASS
		8	4	20.75	PASS
		8	7	20.97	PASS
		15	0	20.56	PASS
	HCH	1	0	21.46	PASS
		1	7	21.70	PASS
		1	14	21.52	PASS
		8	0	20.75	PASS
		8	4	20.69	PASS
		8	7	20.45	PASS
		15	0	20.73	PASS

Channel Bandwidth: 5 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.24	PASS
		1	12	22.56	PASS
		1	24	22.27	PASS
		12	0	21.27	PASS
		12	6	21.31	PASS
		12	13	21.25	PASS
		25	0	21.28	PASS
	MCH	1	0	22.19	PASS
		1	12	22.38	PASS
		1	24	22.09	PASS
		12	0	21.21	PASS
		12	6	21.23	PASS
		12	13	21.06	PASS
		25	0	21.20	PASS
	HCH	1	0	22.14	PASS
		1	12	22.49	PASS
		1	24	22.22	PASS
		12	0	21.26	PASS
		12	6	21.26	PASS
		12	13	21.11	PASS
		25	0	21.20	PASS
16QAM	LCH	1	0	21.45	PASS
		1	12	21.85	PASS
		1	24	21.49	PASS

		12	0	20.74	PASS
		12	6	20.89	PASS
		12	13	20.75	PASS
		25	0	20.90	PASS
MCH	MCH	1	0	21.40	PASS
		1	12	21.68	PASS
		1	24	21.30	PASS
		12	0	20.71	PASS
		12	6	20.85	PASS
		12	13	20.80	PASS
		25	0	20.93	PASS
HCH	HCH	1	0	21.29	PASS
		1	12	21.70	PASS
		1	24	21.41	PASS
		12	0	20.69	PASS
		12	6	20.54	PASS
		12	13	20.77	PASS
		25	0	20.92	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.27	PASS
		1	24	22.48	PASS
		1	49	22.28	PASS
		25	0	21.46	PASS
		25	12	21.36	PASS
		25	25	21.37	PASS
		50	0	21.42	PASS
QPSK	MCH	1	0	22.24	PASS
		1	24	22.36	PASS
		1	49	22.09	PASS
		25	0	21.27	PASS
		25	12	21.21	PASS
		25	25	21.09	PASS
		50	0	21.18	PASS
QPSK	HCH	1	0	22.18	PASS
		1	24	22.33	PASS
		1	49	22.24	PASS
		25	0	21.13	PASS
		25	12	21.19	PASS
		25	25	21.06	PASS

		50	0	21.04	PASS
16QAM	LCH	1	0	21.52	PASS
		1	24	21.78	PASS
		1	49	21.61	PASS
		25	0	20.41	PASS
		25	12	20.39	PASS
		25	25	20.40	PASS
		50	0	20.44	PASS
	MCH	1	0	21.63	PASS
		1	24	21.70	PASS
		1	49	21.45	PASS
		25	0	20.78	PASS
		25	12	20.98	PASS
		25	25	20.78	PASS
		50	0	20.69	PASS
	HCH	1	0	21.45	PASS
		1	24	21.58	PASS
		1	49	21.50	PASS
		25	0	20.56	PASS
		25	12	20.48	PASS
		25	25	20.69	PASS
		50	0	20.97	PASS

Channel Bandwidth: 15 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.20	PASS
		1	37	22.59	PASS
		1	74	22.18	PASS
		37	0	21.44	PASS
		37	18	21.42	PASS
		37	38	21.36	PASS
		75	0	21.42	PASS
	MCH	1	0	22.19	PASS
		1	37	22.43	PASS
		1	74	21.93	PASS
		37	0	21.34	PASS
		37	18	21.34	PASS
		37	38	21.13	PASS
		75	0	21.24	PASS
	HCH	1	0	22.09	PASS
		1	37	22.35	PASS

		1	74	22.16	PASS
		37	0	21.10	PASS
		37	18	21.20	PASS
		37	38	21.17	PASS
		75	0	21.15	PASS
16QAM	LCH	1	0	21.50	PASS
		1	37	21.86	PASS
		1	74	21.54	PASS
		37	0	20.42	PASS
		37	18	20.41	PASS
		37	38	20.80	PASS
		75	0	20.43	PASS
	MCH	1	0	21.55	PASS
		1	37	21.79	PASS
		1	74	21.30	PASS
		37	0	20.90	PASS
		37	18	20.68	PASS
		37	38	20.74	PASS
		75	0	20.84	PASS
	HCH	1	0	21.45	PASS
		1	37	21.71	PASS
		1	74	21.37	PASS
		37	0	20.99	PASS
		37	18	20.74	PASS
		37	38	20.83	PASS
		75	0	20.62	PASS

Channel Bandwidth: 20 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.26	PASS
		1	49	22.62	PASS
		1	99	22.32	PASS
		50	0	21.50	PASS
		50	25	21.58	PASS
		50	50	21.42	PASS
		100	0	21.50	PASS
	MCH	1	0	22.27	PASS
		1	49	22.43	PASS
		1	99	22.01	PASS
		50	0	21.26	PASS
		50	25	21.22	PASS

		50	50	20.90	PASS
		100	0	21.06	PASS
	HCH	1	0	21.95	PASS
		1	49	22.42	PASS
		1	99	21.98	PASS
		50	0	21.10	PASS
		50	25	21.19	PASS
16QAM	LCH	50	50	21.13	PASS
		100	0	21.06	PASS
	MCH	1	0	21.46	PASS
		1	49	21.85	PASS
		1	99	21.50	PASS
		50	0	20.50	PASS
		50	25	20.40	PASS
	HCH	50	50	20.43	PASS
		100	0	20.51	PASS
	HCH	1	0	21.68	PASS
		1	49	21.72	PASS
		1	99	21.33	PASS
		50	0	20.91	PASS
		50	25	20.72	PASS
	MCH	50	50	20.96	PASS
		100	0	20.68	PASS
	HCH	1	0	21.33	PASS
		1	49	21.58	PASS
		1	99	21.33	PASS
		50	0	20.93	PASS
		50	25	20.72	PASS
	LCH	50	50	20.86	PASS
		100	0	20.92	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	4.51	<13	PASS
		1	3	4.32	<13	PASS
		1	5	4.46	<13	PASS
		3	0	4.49	<13	PASS
		3	2	4.4	<13	PASS
		3	3	4.44	<13	PASS
		6	0	5.01	<13	PASS
	MCH	1	0	4.03	<13	PASS
		1	3	3.94	<13	PASS
		1	5	4.06	<13	PASS
		3	0	3.99	<13	PASS
		3	2	3.95	<13	PASS
		3	3	3.95	<13	PASS
		6	0	4.7	<13	PASS
16QAM	LCH	1	0	4.51	<13	PASS
		1	3	4.35	<13	PASS
		1	5	4.47	<13	PASS
		3	0	4.57	<13	PASS
		3	2	4.47	<13	PASS
		3	3	4.52	<13	PASS
		6	0	5.11	<13	PASS
	MCH	1	0	5.4	<13	PASS
		1	3	5.27	<13	PASS
		1	5	5.35	<13	PASS
		3	0	5.24	<13	PASS
		3	2	5.21	<13	PASS
		3	3	5.24	<13	PASS
		6	0	6.08	<13	PASS

		3	2	4.99	<13	PASS
		3	3	5	<13	PASS
		6	0	5.74	<13	PASS
HCH		1	0	5.48	<13	PASS
		1	3	5.39	<13	PASS
		1	5	5.35	<13	PASS
		3	0	5.51	<13	PASS
		3	2	5.48	<13	PASS
		3	3	5.53	<13	PASS
		6	0	6.14	<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	4.43	<13	PASS
		1	7	4.28	<13	PASS
		1	14	4.38	<13	PASS
		8	0	5.07	<13	PASS
		8	4	5.09	<13	PASS
		8	7	5.13	<13	PASS
		15	0	5.13	<13	PASS
	MCH	1	0	3.98	<13	PASS
		1	7	3.79	<13	PASS
		1	14	3.87	<13	PASS
		8	0	4.77	<13	PASS
		8	4	4.65	<13	PASS
		8	7	4.77	<13	PASS
		15	0	4.77	<13	PASS
	HCH	1	0	4.53	<13	PASS
		1	7	4.44	<13	PASS
		1	14	4.56	<13	PASS
		8	0	5.14	<13	PASS
		8	4	5.17	<13	PASS
		8	7	5.32	<13	PASS
		15	0	5.21	<13	PASS
16QAM	LCH	1	0	5.23	<13	PASS
		1	7	5.04	<13	PASS
		1	14	5.26	<13	PASS
		8	0	5.84	<13	PASS
		8	4	5.96	<13	PASS

		8	7	5.89	<13	PASS
		15	0	6.15	<13	PASS
MCH		1	0	4.94	<13	PASS
		1	7	4.75	<13	PASS
		1	14	4.88	<13	PASS
		8	0	5.5	<13	PASS
		8	4	5.54	<13	PASS
		8	7	5.64	<13	PASS
		15	0	5.65	<13	PASS
HCH		1	0	5.47	<13	PASS
		1	7	5.43	<13	PASS
		1	14	5.39	<13	PASS
		8	0	6.16	<13	PASS
		8	4	6.21	<13	PASS
		8	7	6.22	<13	PASS
		15	0	5.99	<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	4.61	<13	PASS
		1	12	4.34	<13	PASS
		1	24	4.69	<13	PASS
		12	0	5.13	<13	PASS
		12	6	5.11	<13	PASS
		12	13	5.22	<13	PASS
		25	0	5.22	<13	PASS
	MCH	1	0	4.27	<13	PASS
		1	12	3.83	<13	PASS
		1	24	4.1	<13	PASS
		12	0	4.79	<13	PASS
		12	6	4.72	<13	PASS
		12	13	4.72	<13	PASS
		25	0	4.85	<13	PASS
	HCH	1	0	4.55	<13	PASS
		1	12	4.32	<13	PASS
		1	24	4.58	<13	PASS
		12	0	5.16	<13	PASS
		12	6	5.15	<13	PASS
		12	13	5.29	<13	PASS

		25	0	5.21	<13	PASS
16QAM	LCH	1	0	5.33	<13	PASS
		1	12	5.05	<13	PASS
		1	24	5.43	<13	PASS
		12	0	6.02	<13	PASS
		12	6	6.04	<13	PASS
		12	13	6.11	<13	PASS
		25	0	5.97	<13	PASS
	MCH	1	0	5.22	<13	PASS
		1	12	4.87	<13	PASS
		1	24	5	<13	PASS
		12	0	5.65	<13	PASS
		12	6	5.57	<13	PASS
		12	13	5.63	<13	PASS
		25	0	5.71	<13	PASS
	HCH	1	0	5.46	<13	PASS
		1	12	5.27	<13	PASS
		1	24	5.4	<13	PASS
		12	0	5.94	<13	PASS
		12	6	6.06	<13	PASS
		12	13	6.18	<13	PASS
		25	0	6.04	<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	4.37	<13	PASS
		1	24	4.39	<13	PASS
		1	49	5.16	<13	PASS
		25	0	5.16	<13	PASS
		25	12	5.26	<13	PASS
		25	25	5.5	<13	PASS
		50	0	5.42	<13	PASS
	MCH	1	0	4.27	<13	PASS
		1	24	3.69	<13	PASS
		1	49	3.98	<13	PASS
		25	0	4.9	<13	PASS
		25	12	4.8	<13	PASS
		25	25	4.88	<13	PASS
		50	0	5	<13	PASS

		1	0	5.02	<13	PASS
		1	24	4.5	<13	PASS
		1	49	4.55	<13	PASS
	HCH	25	0	5.33	<13	PASS
		25	12	5.13	<13	PASS
		25	25	5.22	<13	PASS
		50	0	5.3	<13	PASS
16QAM	LCH	1	0	5.35	<13	PASS
		1	24	5.28	<13	PASS
		1	49	5.91	<13	PASS
		25	0	6.03	<13	PASS
		25	12	6.14	<13	PASS
		25	25	6.32	<13	PASS
		50	0	6.15	<13	PASS
	MCH	1	0	5.23	<13	PASS
		1	24	4.7	<13	PASS
		1	49	4.86	<13	PASS
		25	0	5.79	<13	PASS
		25	12	5.7	<13	PASS
		25	25	5.75	<13	PASS
		50	0	5.75	<13	PASS
	HCH	1	0	5.96	<13	PASS
		1	24	5.44	<13	PASS
		1	49	5.51	<13	PASS
		25	0	6.22	<13	PASS
		25	12	6.15	<13	PASS
		25	25	6.13	<13	PASS
		50	0	6.16	<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	4.42	<13	PASS
		1	37	4.74	<13	PASS
		1	74	5.48	<13	PASS
		37	0	5.21	<13	PASS
		37	18	5.48	<13	PASS
		37	38	5.71	<13	PASS
		75	0	5.89	<13	PASS
	MCH	1	0	4.95	<13	PASS

	16QAM	HCH	1	37	3.88	<13	PASS
			1	74	4.26	<13	PASS
			37	0	5.02	<13	PASS
			37	18	4.72	<13	PASS
			37	38	4.89	<13	PASS
			75	0	5.37	<13	PASS
		LCH	1	0	4.83	<13	PASS
			1	37	4.6	<13	PASS
			1	74	4.58	<13	PASS
			37	0	5.57	<13	PASS
			37	18	5.38	<13	PASS
			37	38	5.23	<13	PASS
			75	0	5.74	<13	PASS
		MCH	1	0	5.39	<13	PASS
			1	37	5.46	<13	PASS
			1	74	6.37	<13	PASS
			37	0	6.13	<13	PASS
			37	18	6.34	<13	PASS
			37	38	6.49	<13	PASS
			75	0	6.52	<13	PASS
		HCH	1	0	5.92	<13	PASS
			1	37	4.97	<13	PASS
			1	74	5.27	<13	PASS
			37	0	6	<13	PASS
			37	18	5.77	<13	PASS
			37	38	5.85	<13	PASS
			75	0	6.04	<13	PASS
		LCH	1	0	5.85	<13	PASS
			1	37	5.63	<13	PASS
			1	74	5.6	<13	PASS
			37	0	6.42	<13	PASS
			37	18	6.25	<13	PASS
			37	38	6.09	<13	PASS
			75	0	6.31	<13	PASS

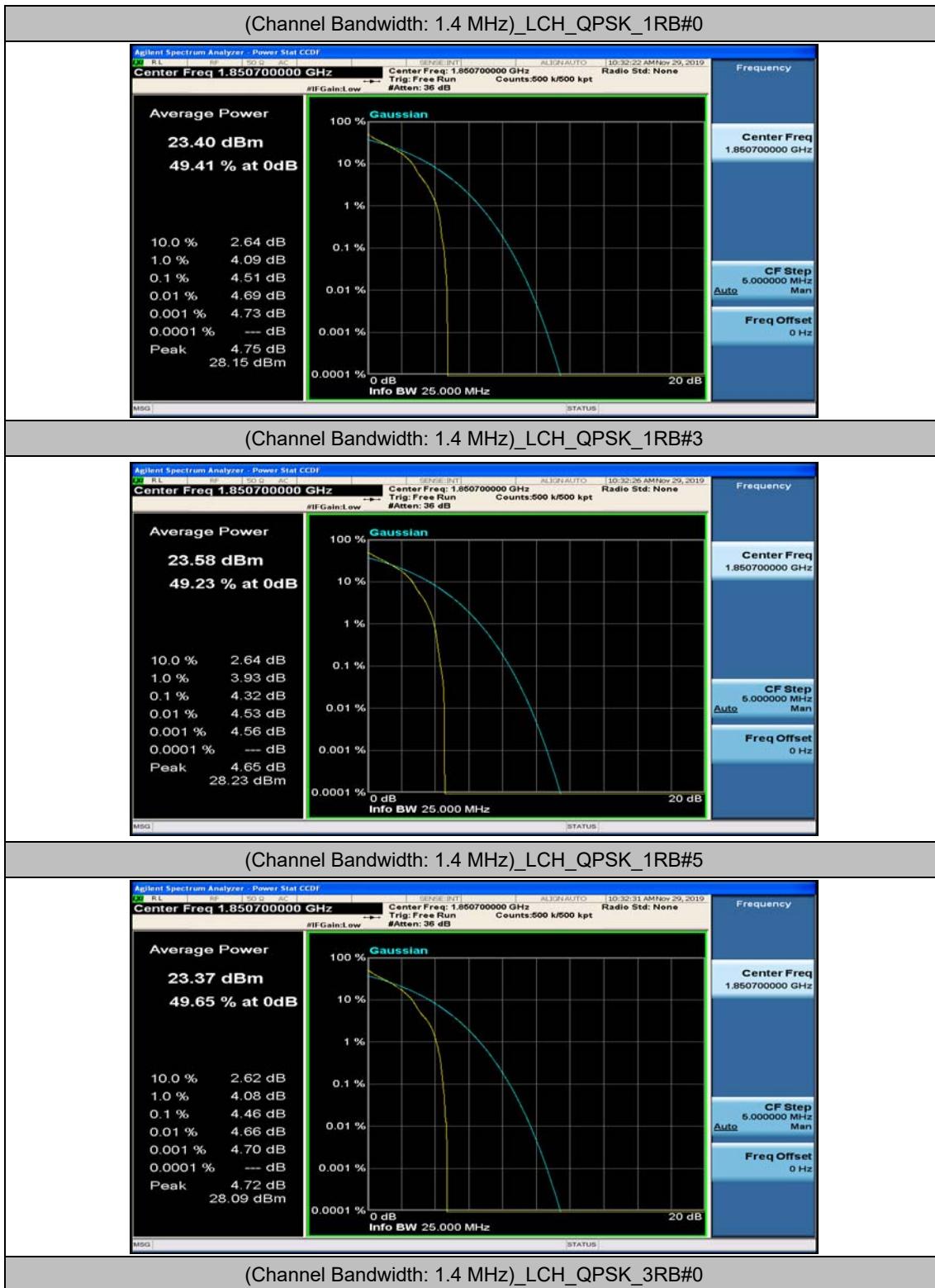
Channel Bandwidth: 20 MHz

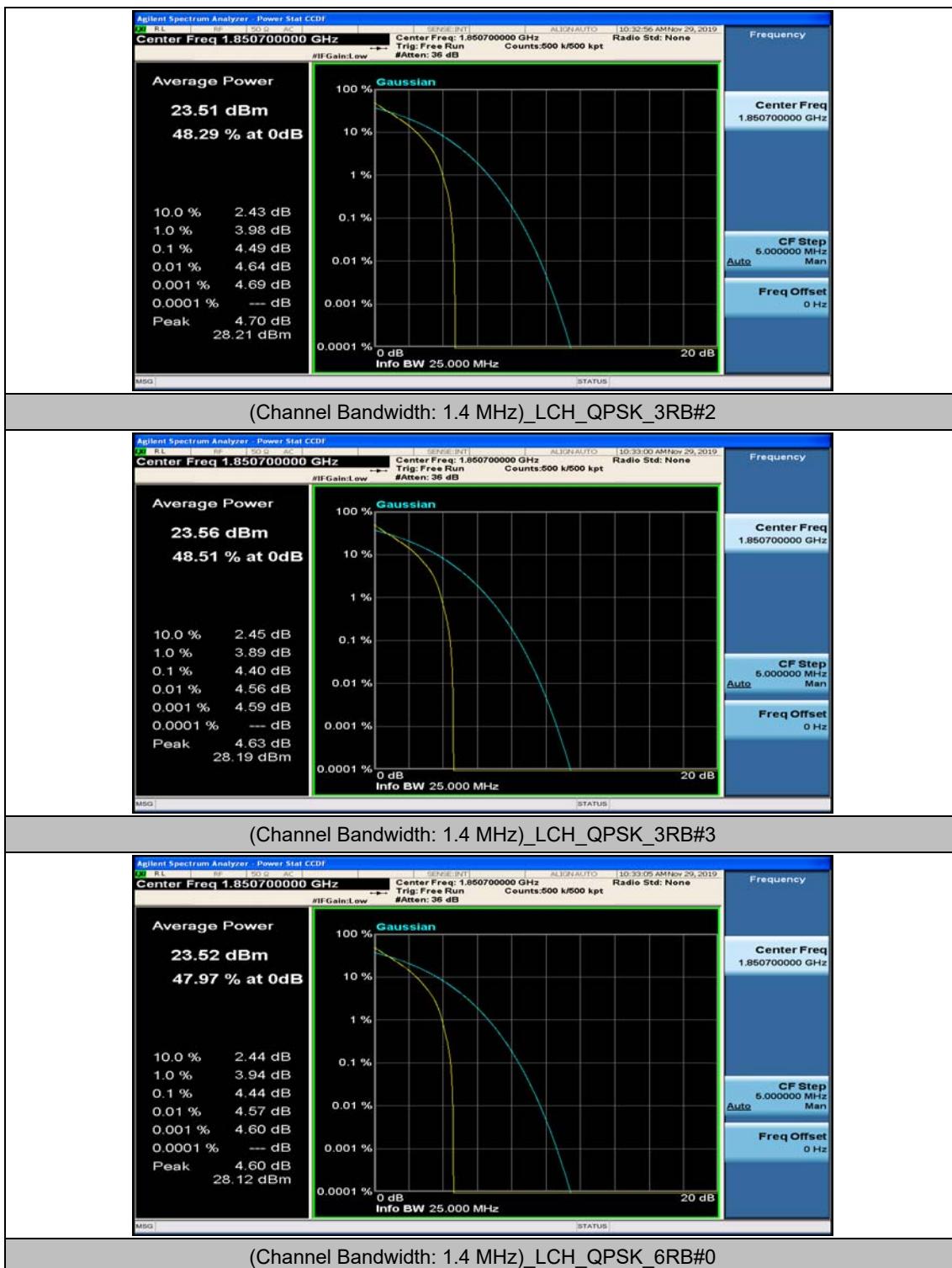
Channel Bandwidth: 20 MHz							
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict	
		Size	Offset				
QPSK	LCH	1	0	4.42	<13	PASS	
		1	49	4.9	<13	PASS	

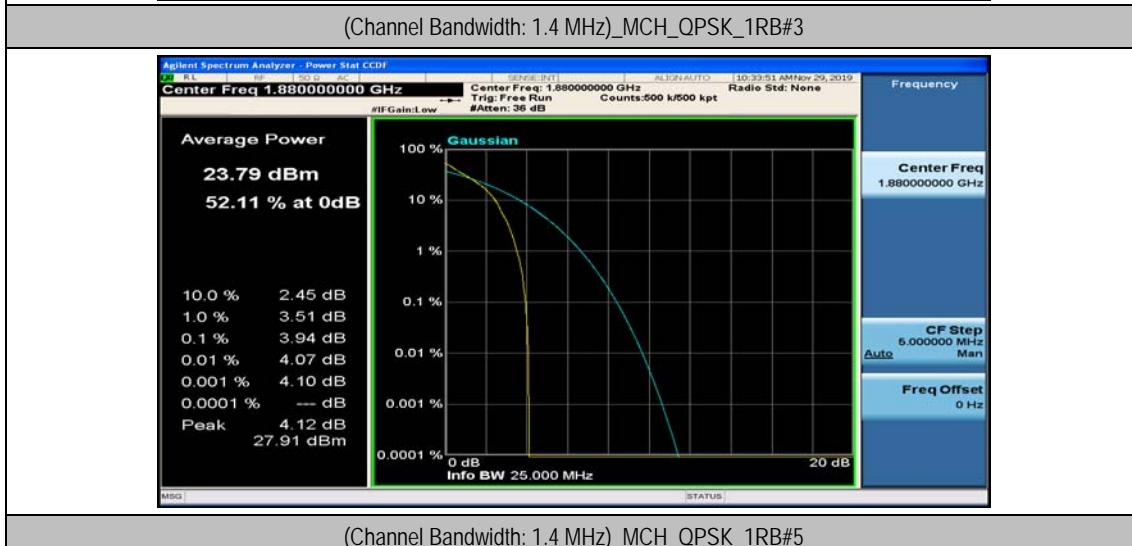
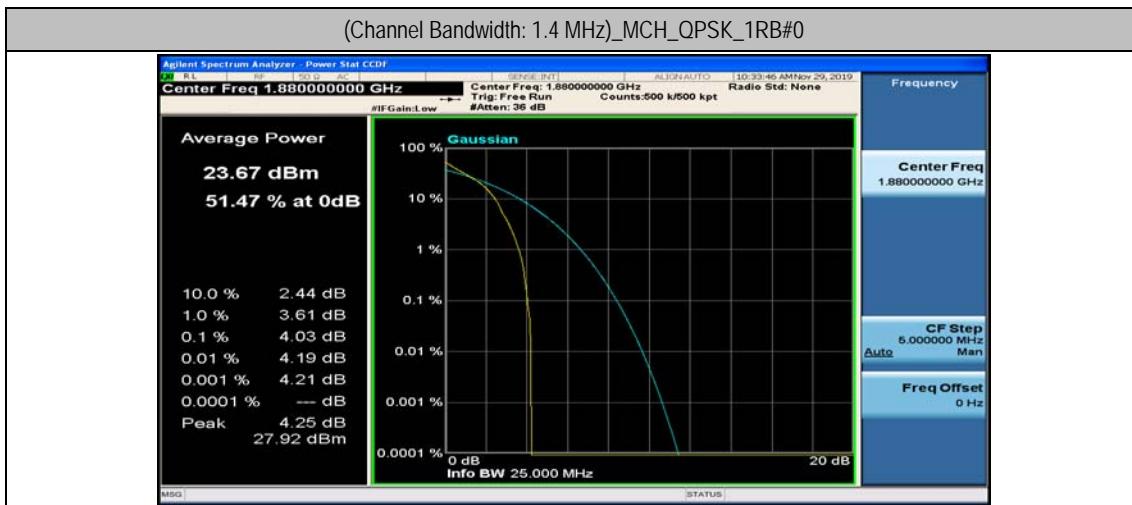
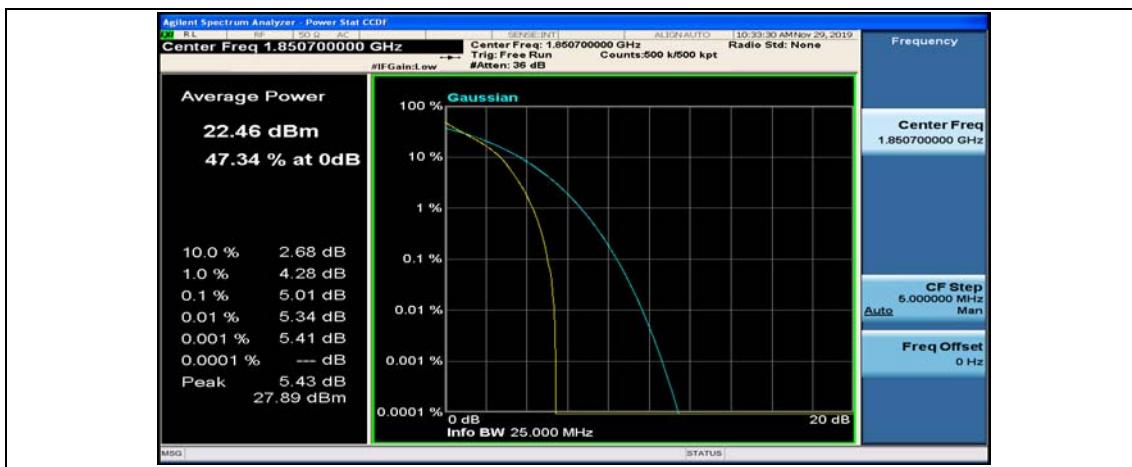
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		50	0	5.37	<13	PASS
		50	25	5.69	<13	PASS
		50	50	5.76	<13	PASS
		100	0	5.78	<13	PASS
	MCH	1	0	5.27	<13	PASS
		1	49	3.89	<13	PASS
		1	99	4.75	<13	PASS
		50	0	5.25	<13	PASS
		50	25	4.91	<13	PASS
		50	50	5.21	<13	PASS
		100	0	5.36	<13	PASS
	HCH	1	0	4.71	<13	PASS
		1	49	5.03	<13	PASS
		1	99	4.72	<13	PASS
		50	0	5.6	<13	PASS
		50	25	5.55	<13	PASS
		50	50	5.35	<13	PASS
		100	0	5.54	<13	PASS
16QAM	LCH	1	0	5.32	<13	PASS
		1	49	5.83	<13	PASS
		1	99	6.47	<13	PASS
		50	0	6.21	<13	PASS
		50	25	6.49	<13	PASS
		50	50	6.63	<13	PASS
		100	0	6.52	<13	PASS
	MCH	1	0	6	<13	PASS
		1	49	4.72	<13	PASS
		1	99	5.5	<13	PASS
		50	0	6.09	<13	PASS
		50	25	5.72	<13	PASS
		50	50	6.02	<13	PASS
		100	0	6.18	<13	PASS
	HCH	1	0	5.78	<13	PASS
		1	49	6.02	<13	PASS
		1	99	5.76	<13	PASS
		50	0	6.47	<13	PASS
		50	25	6.32	<13	PASS
		50	50	6.2	<13	PASS
		100	0	6.34	<13	PASS

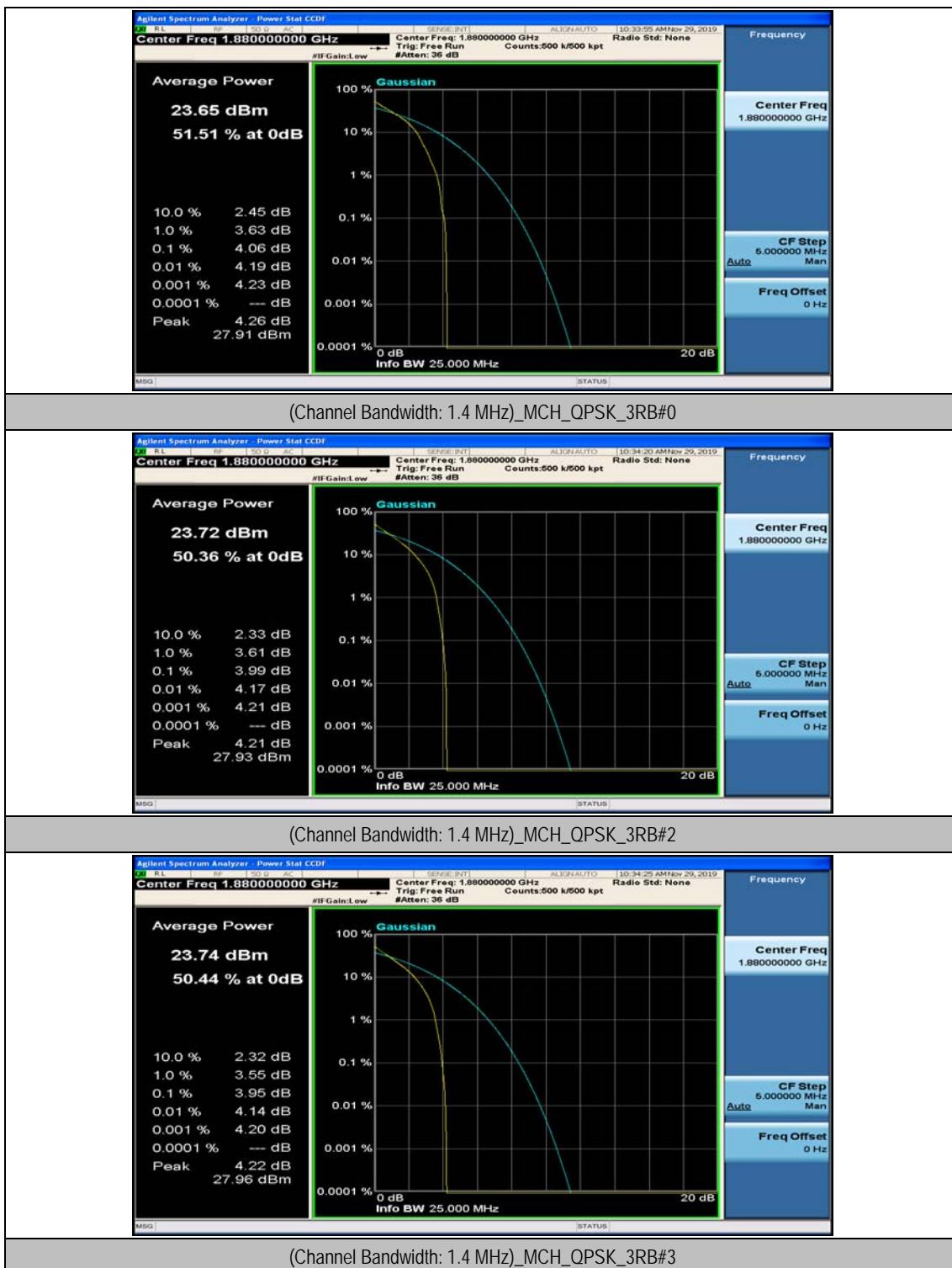
Test Graphs

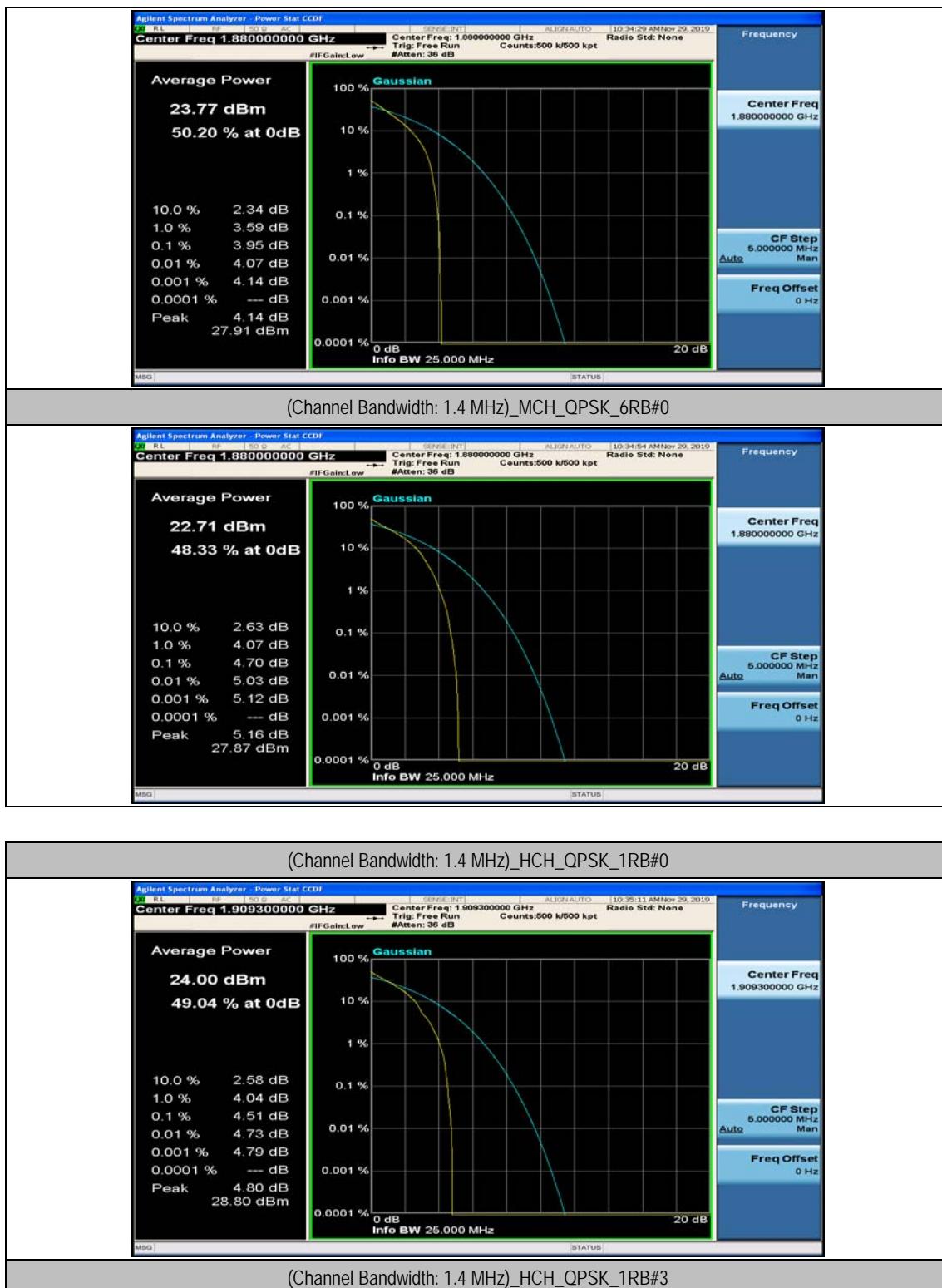
Channel Bandwidth: 1.4 MHz

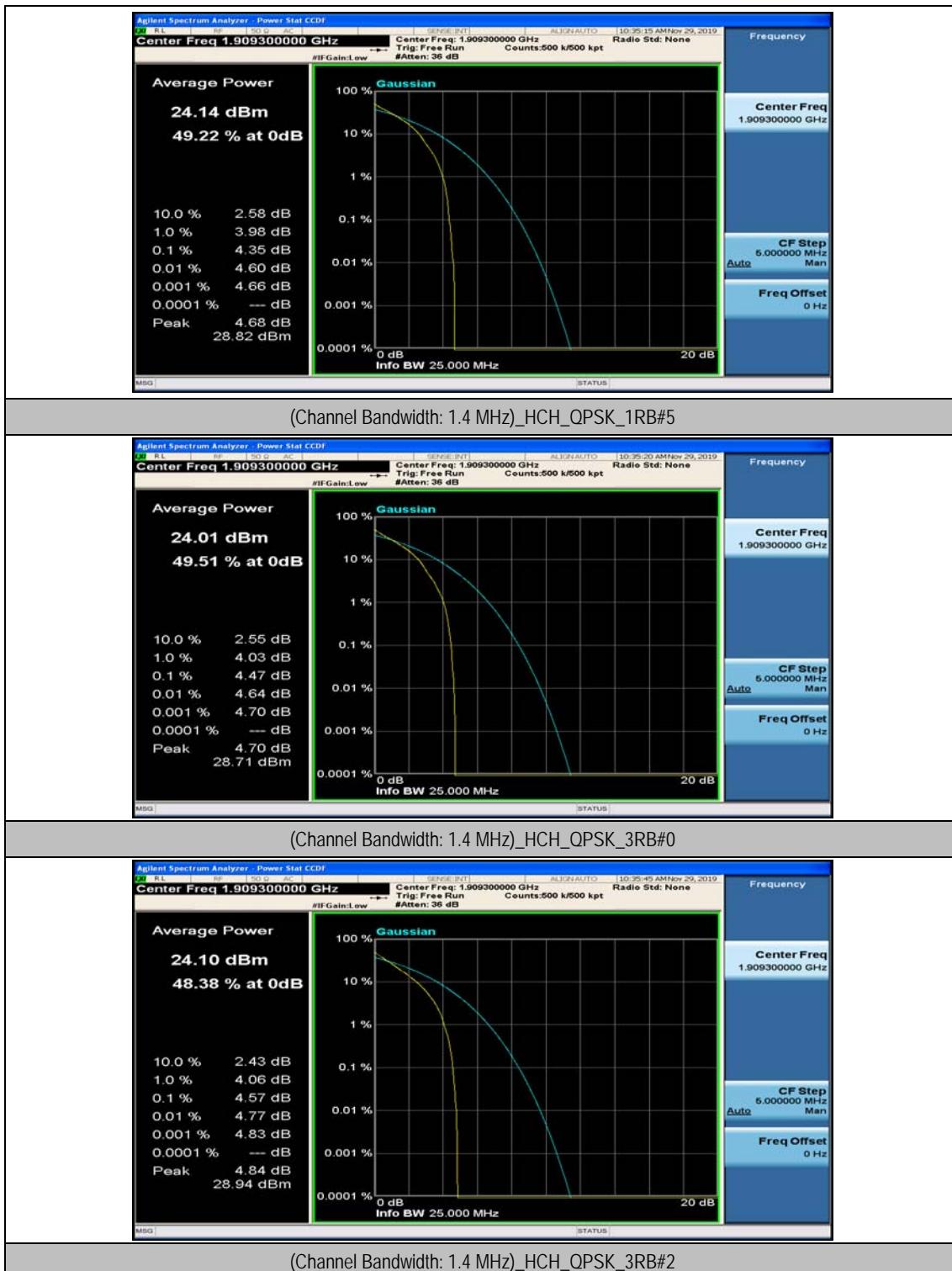


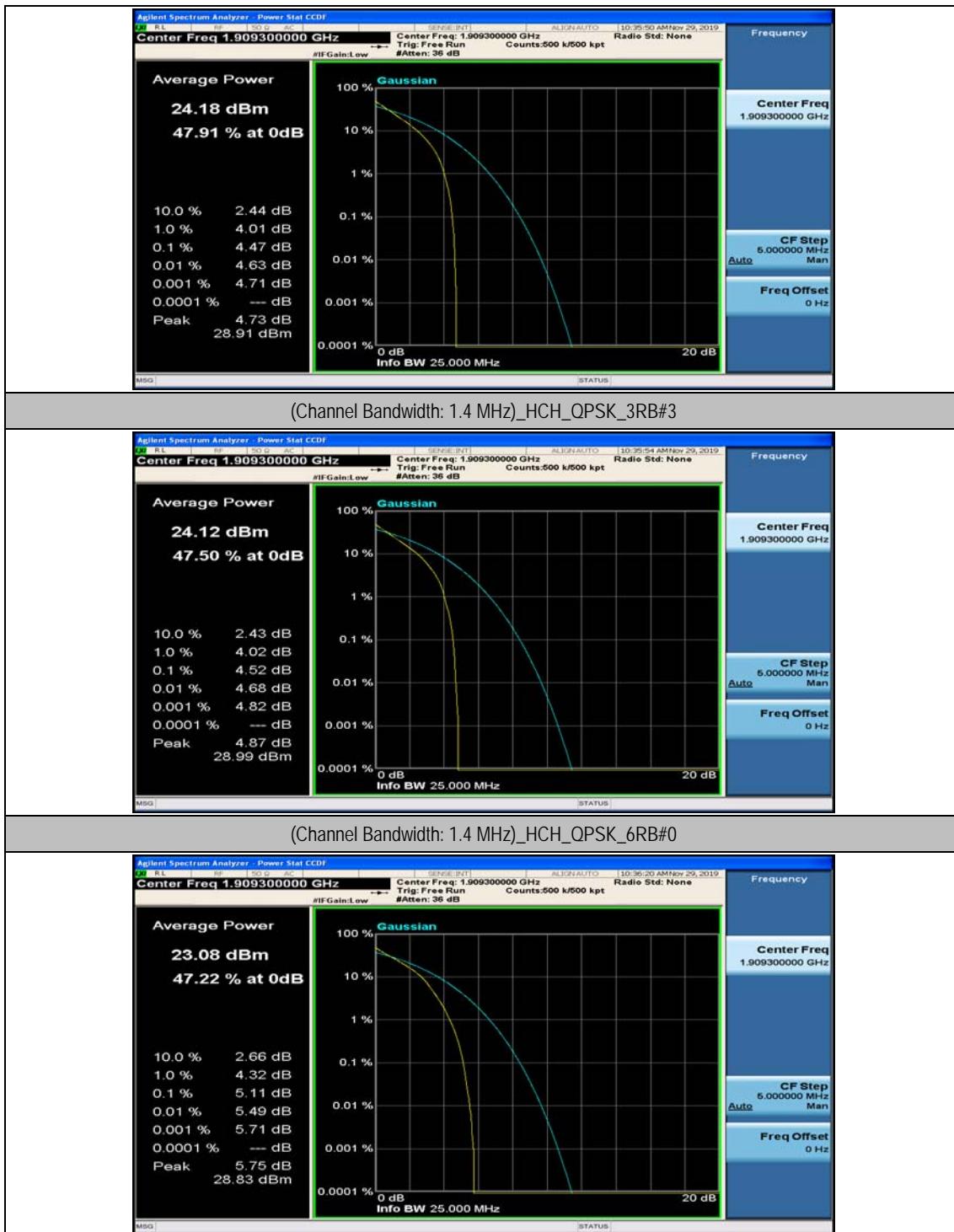


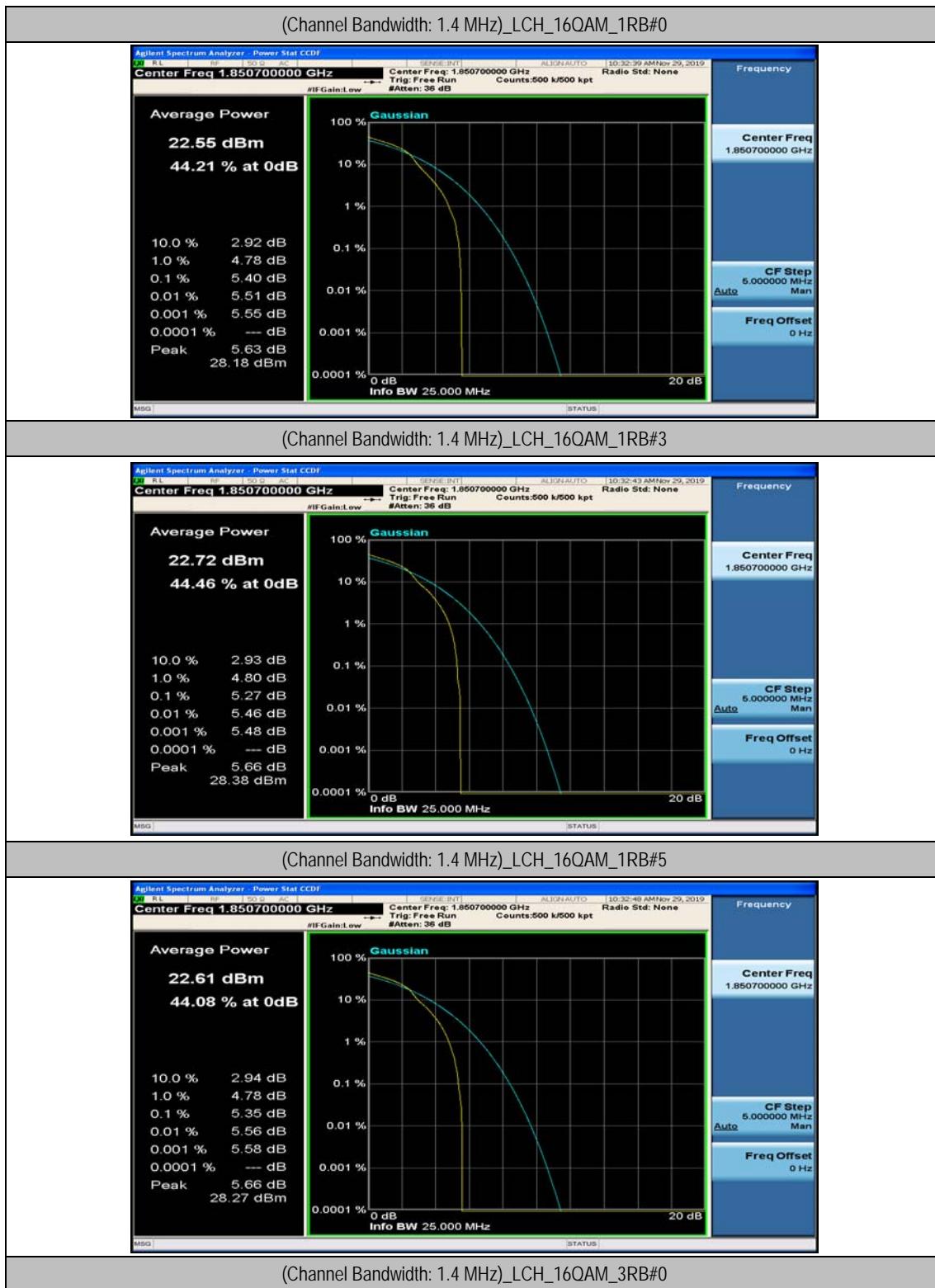


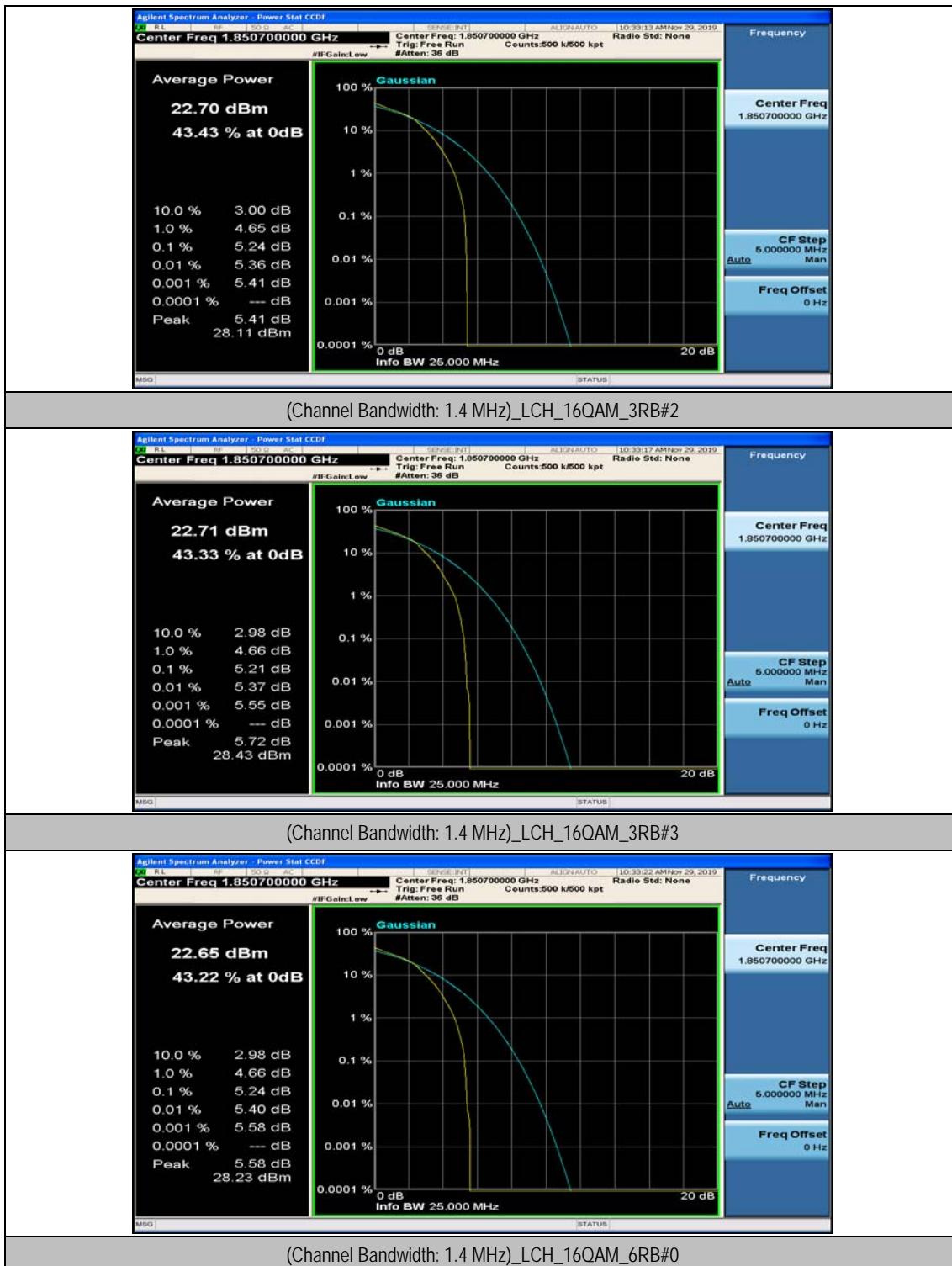


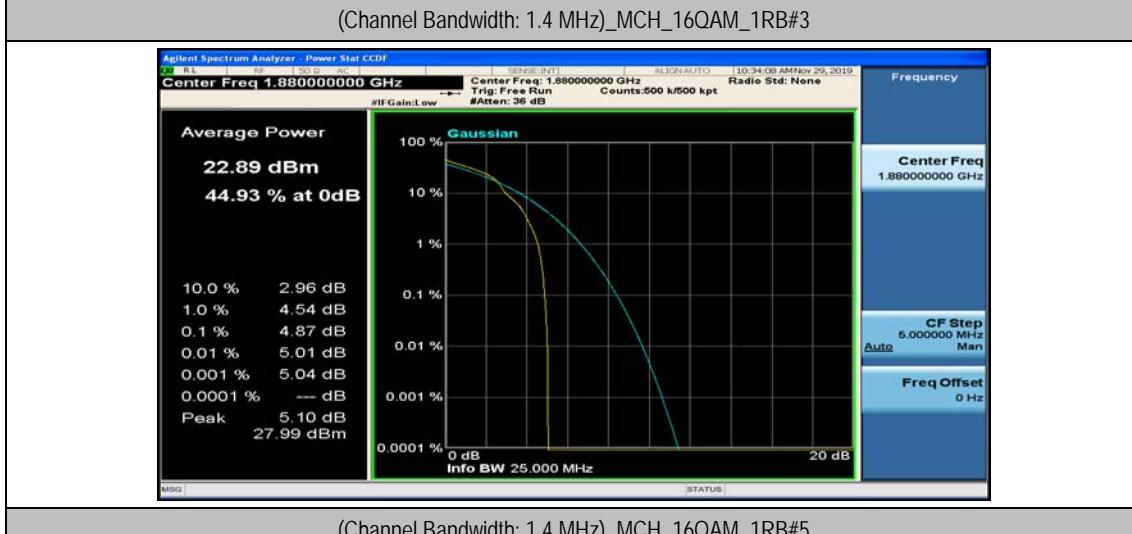
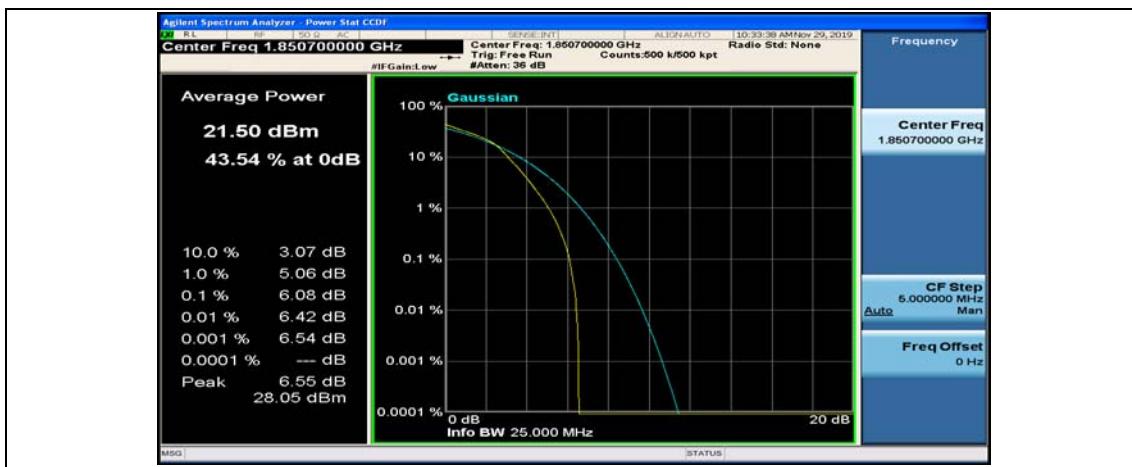


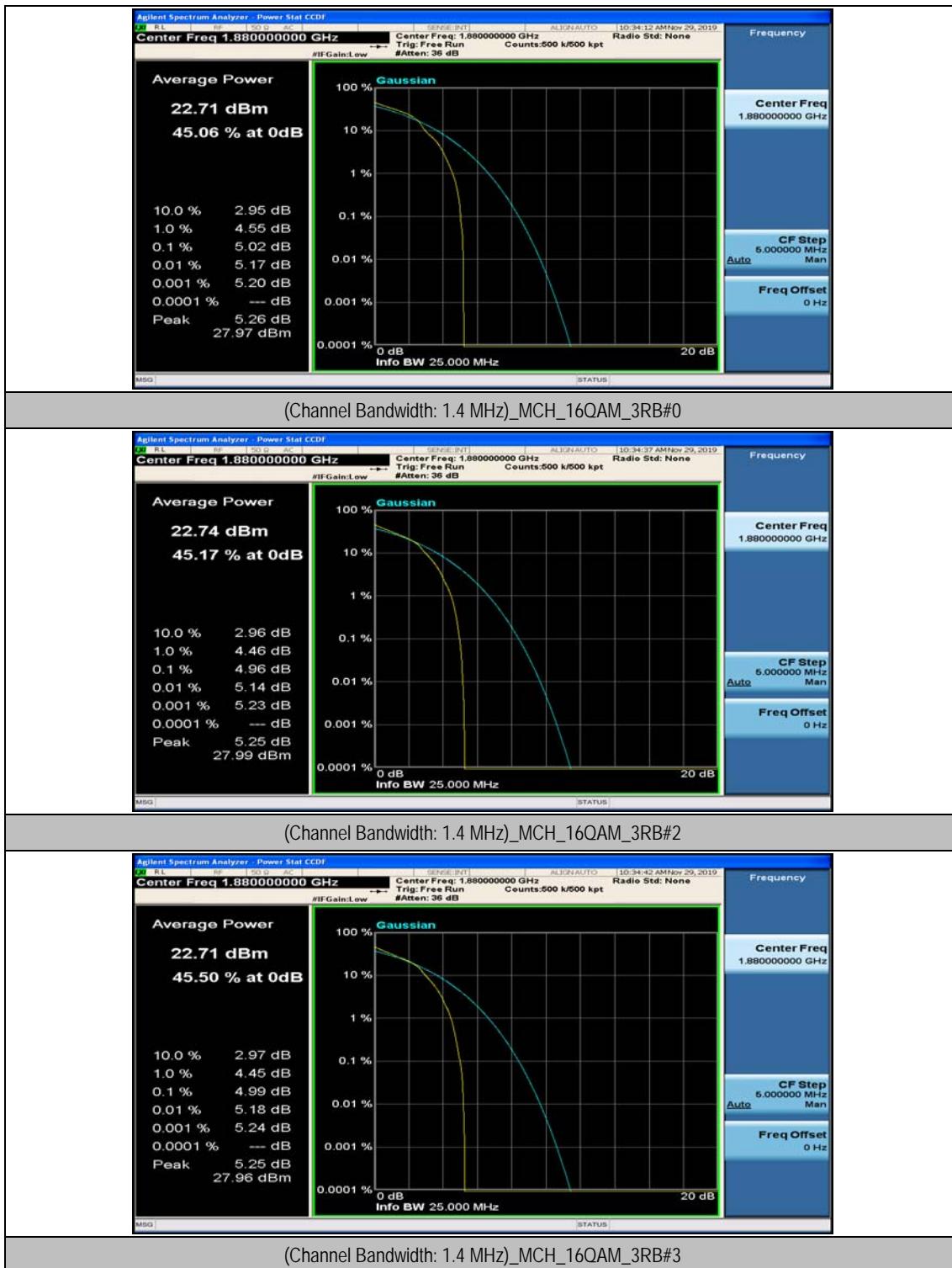


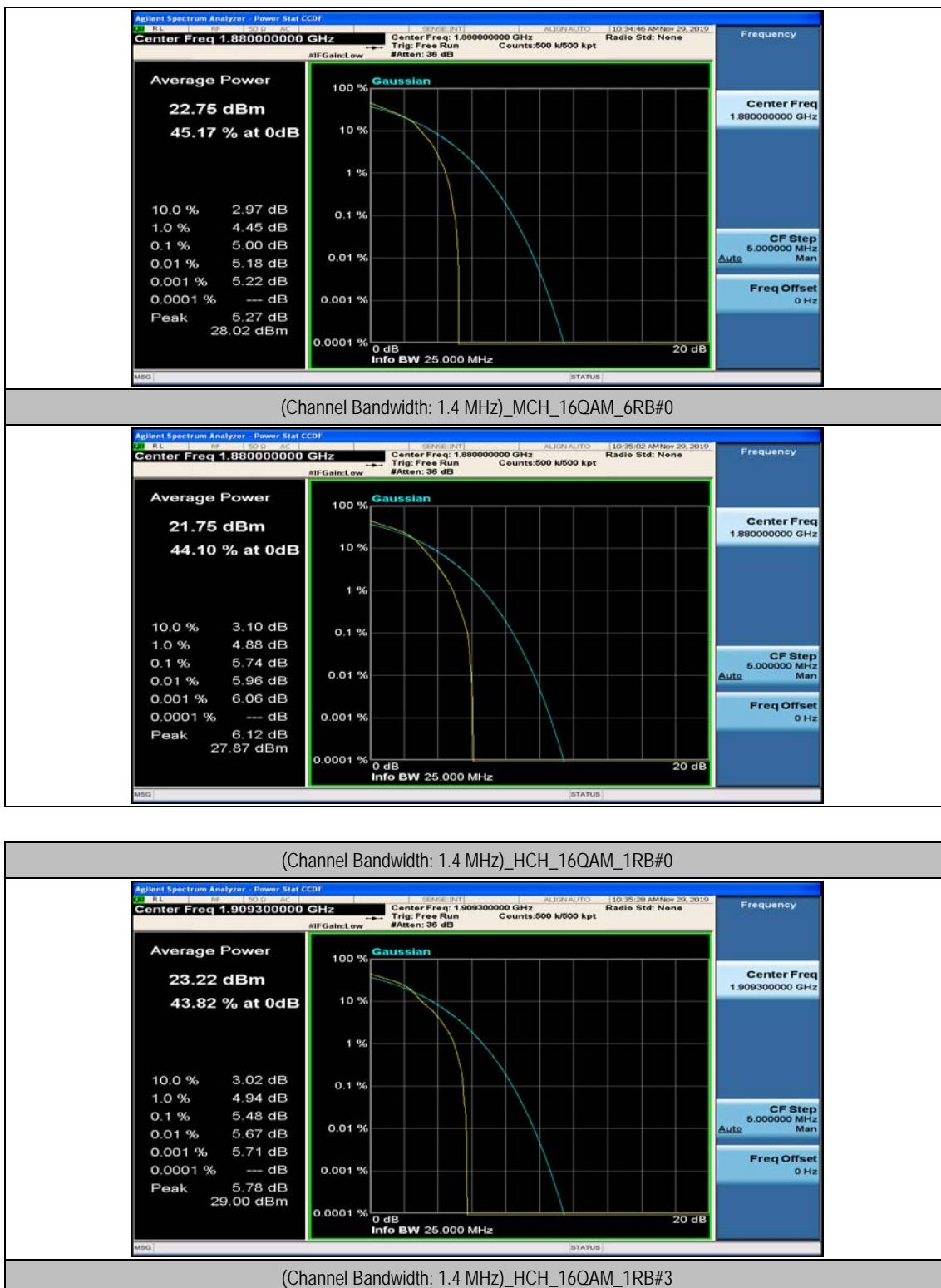


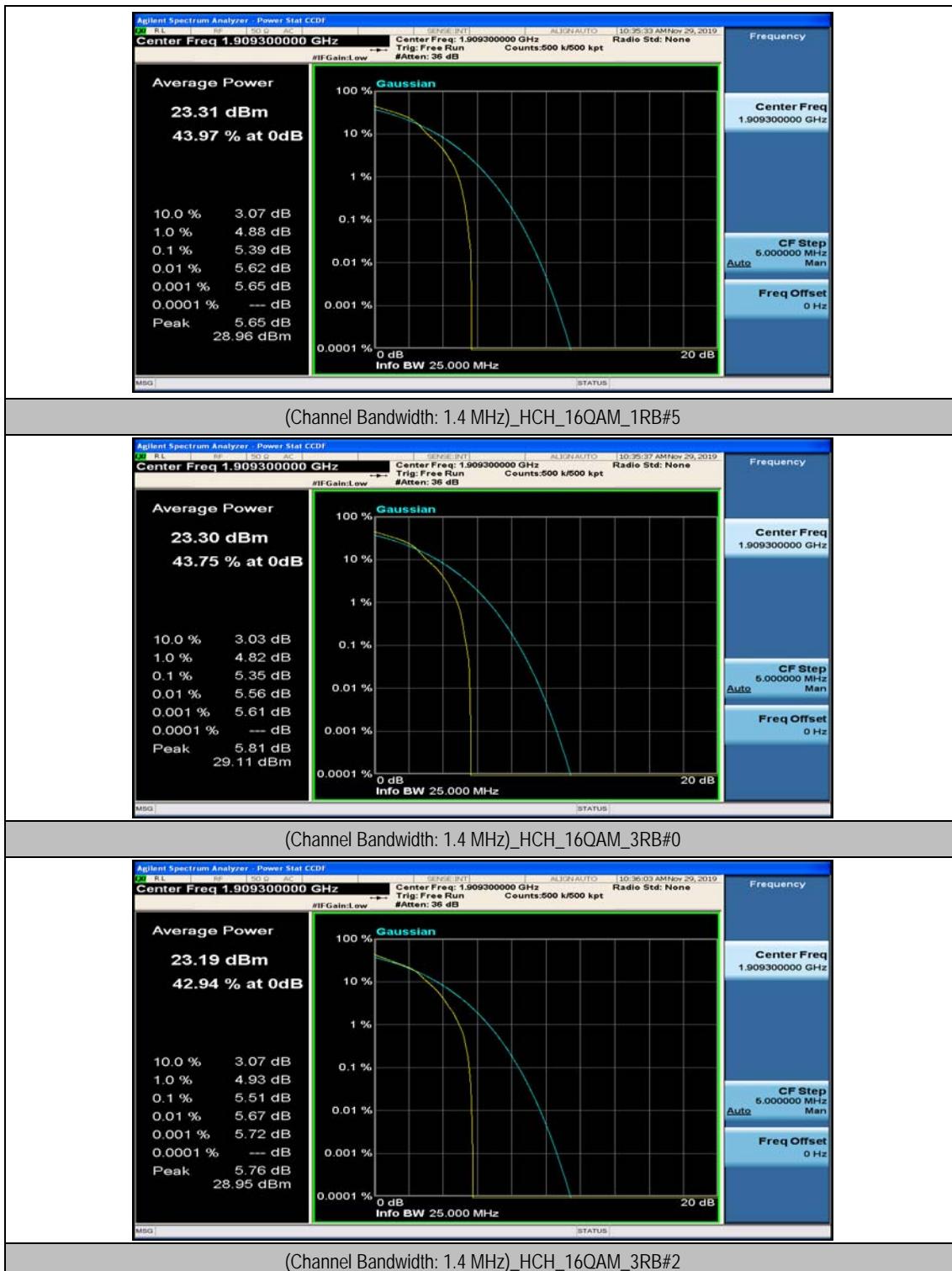


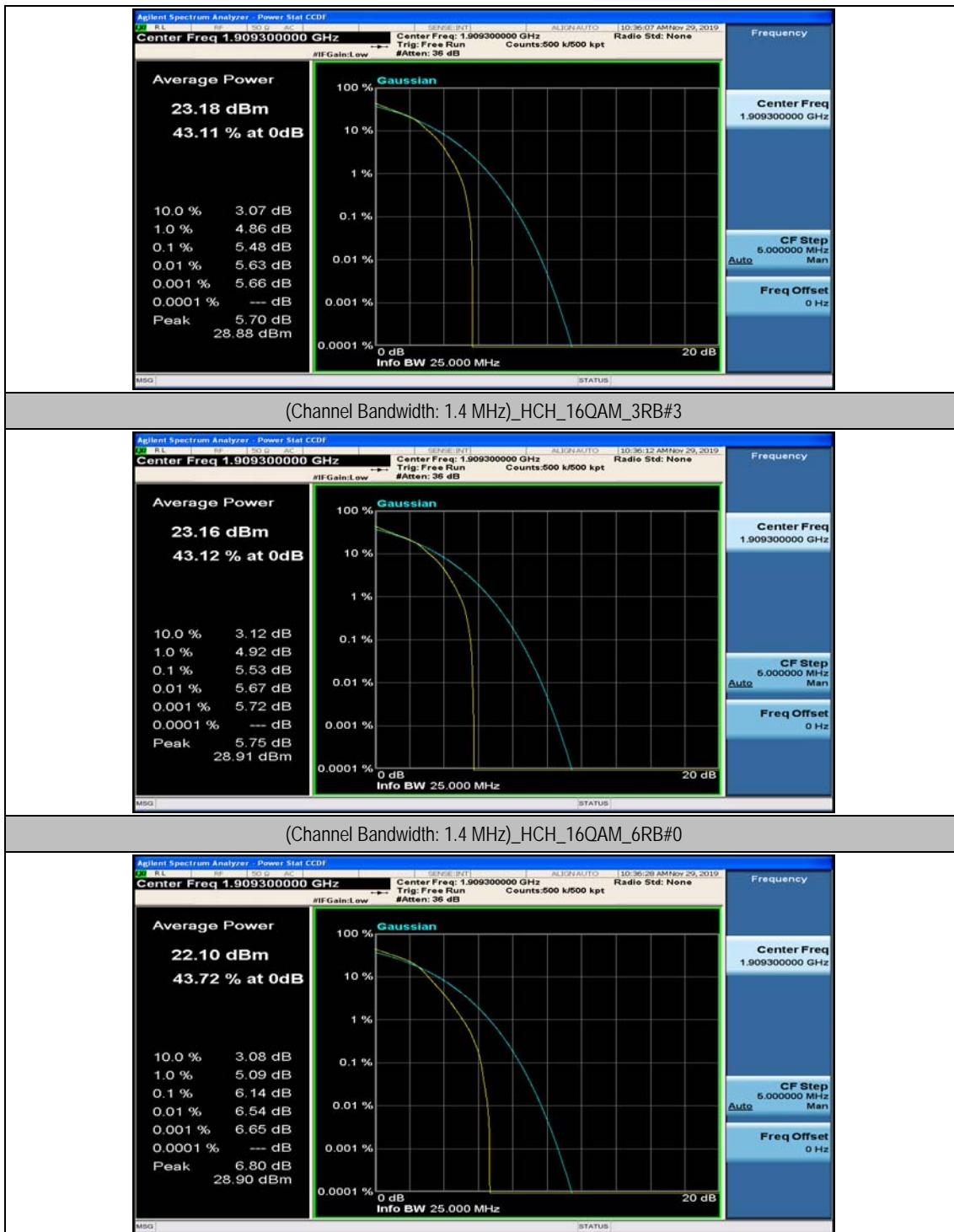




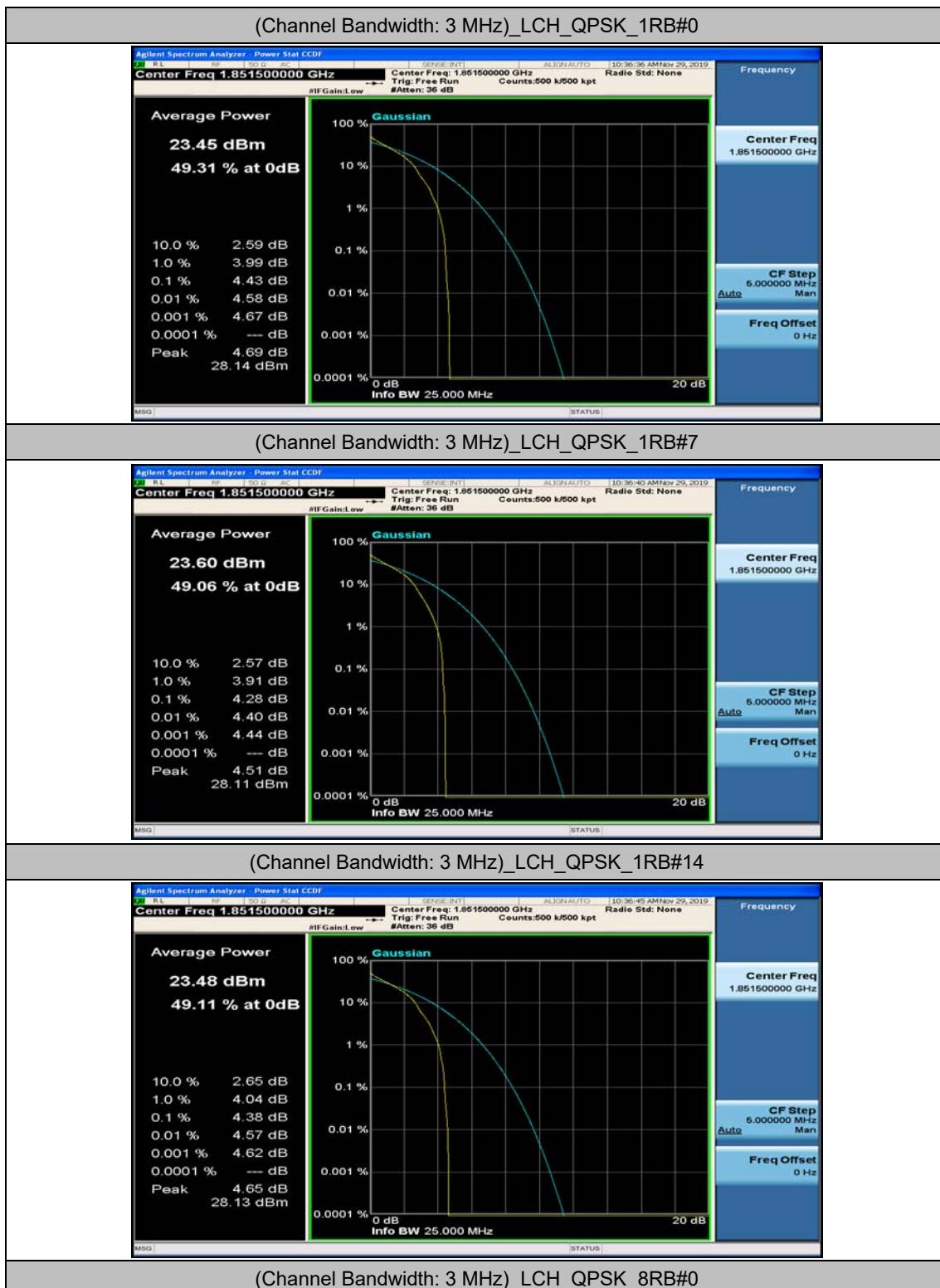


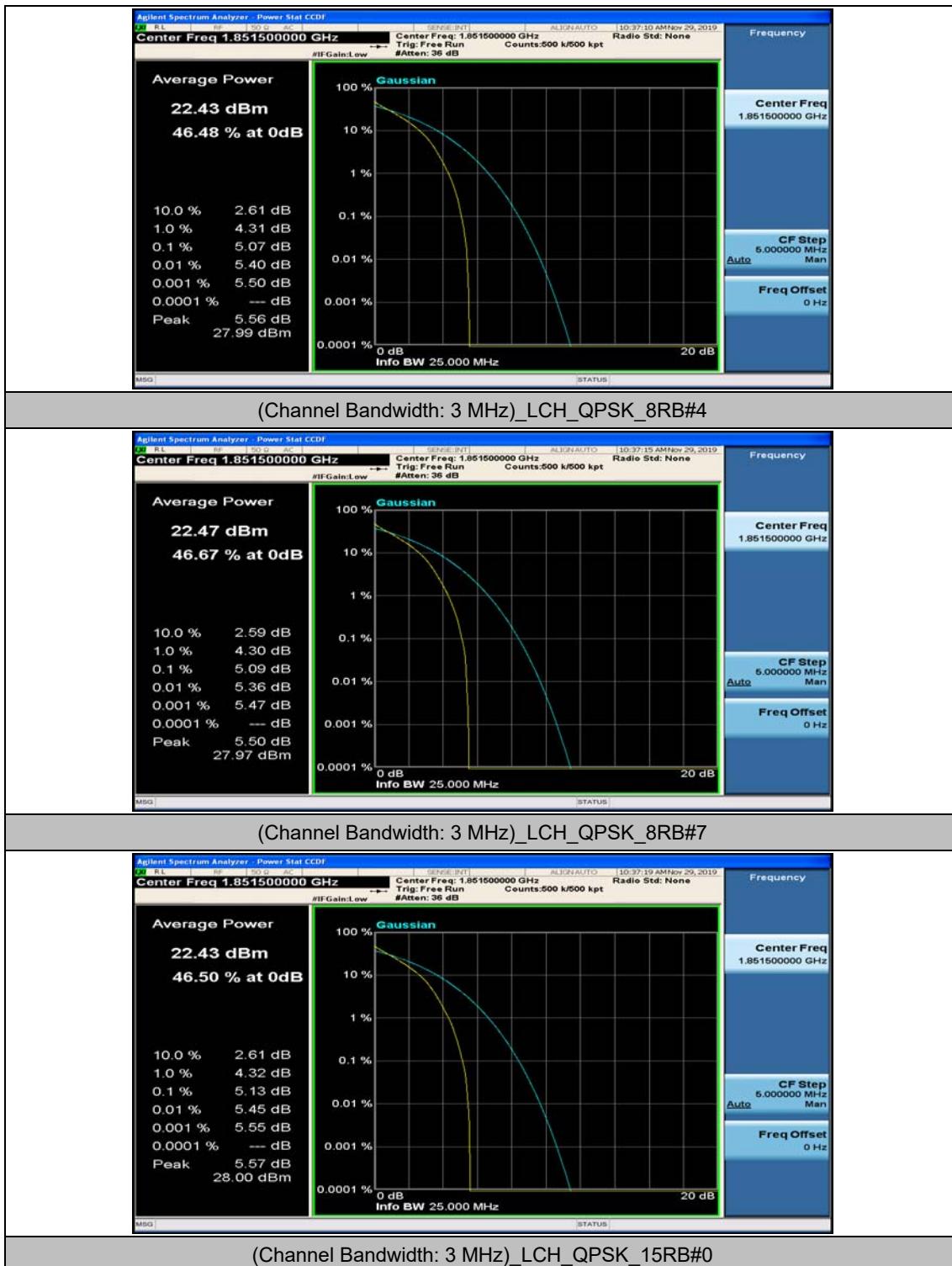


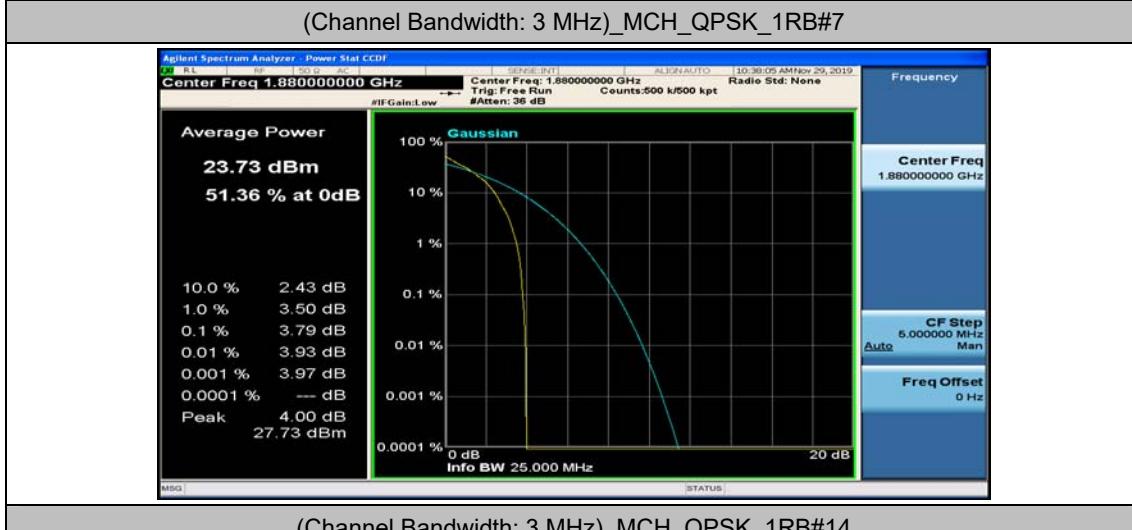
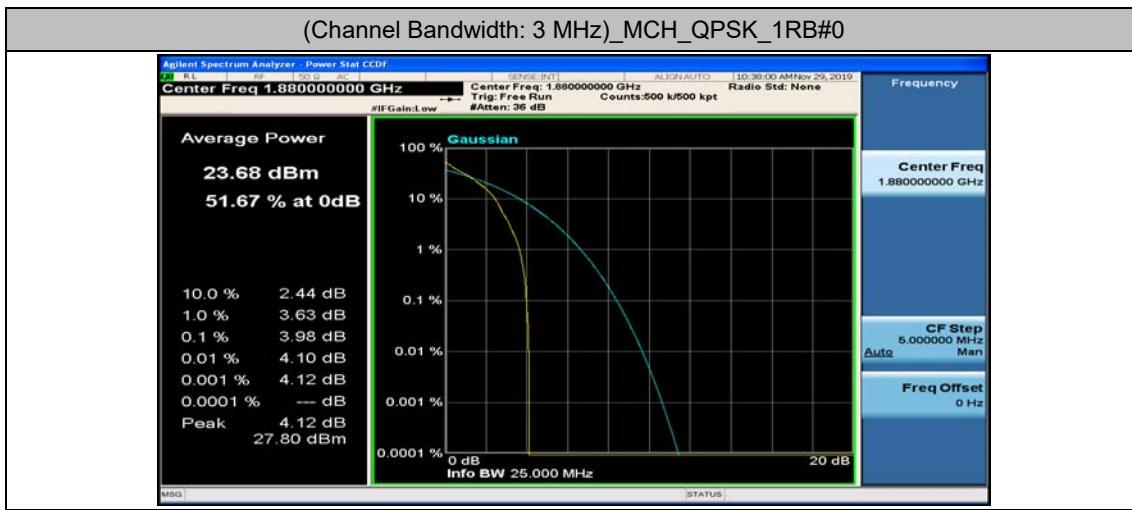
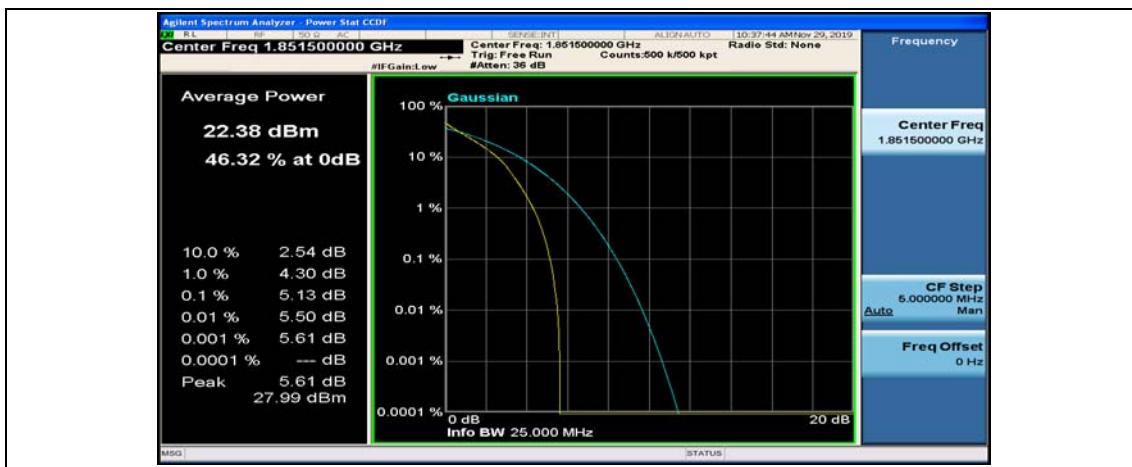




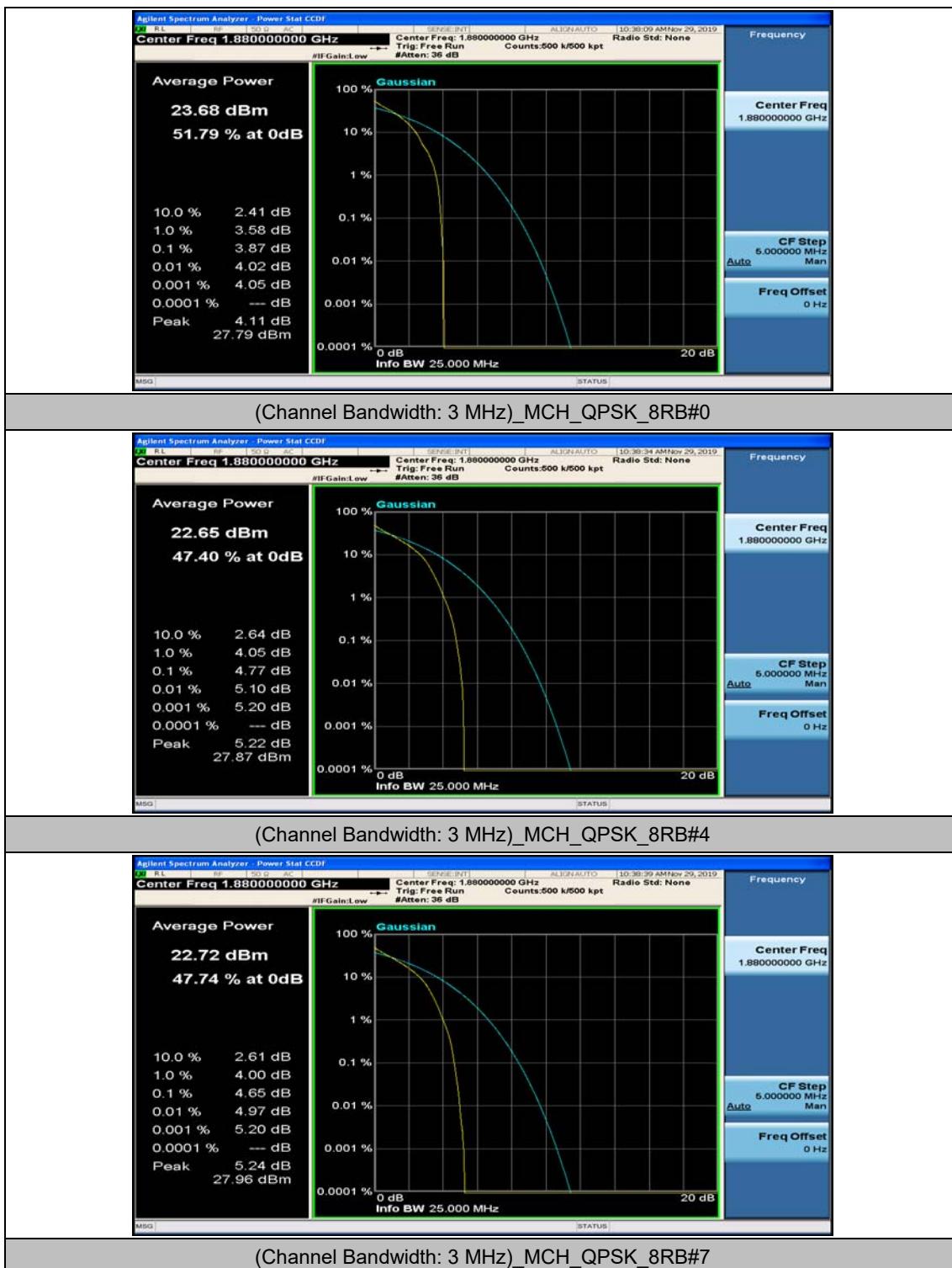
Channel Bandwidth: 3 MHz

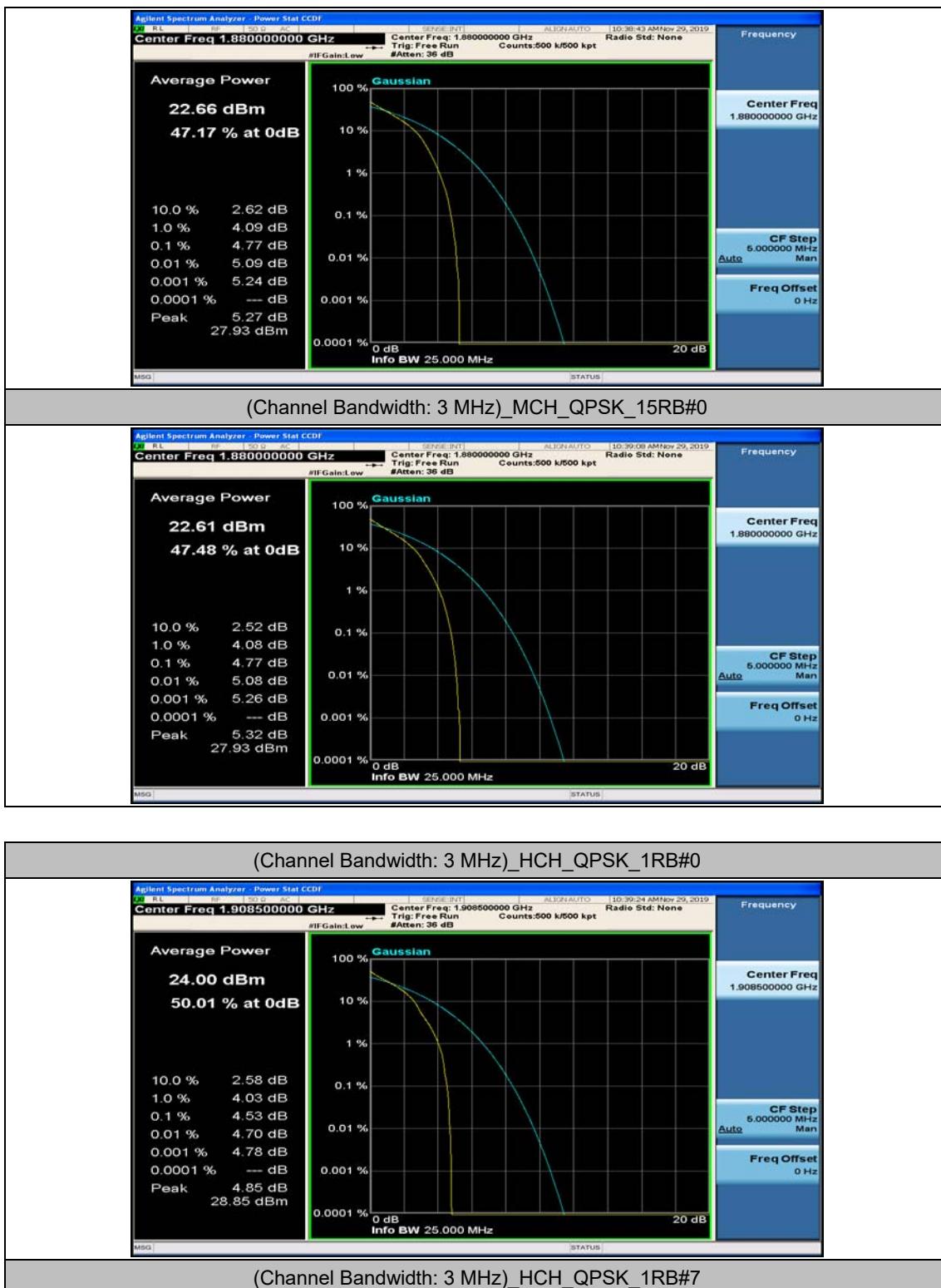


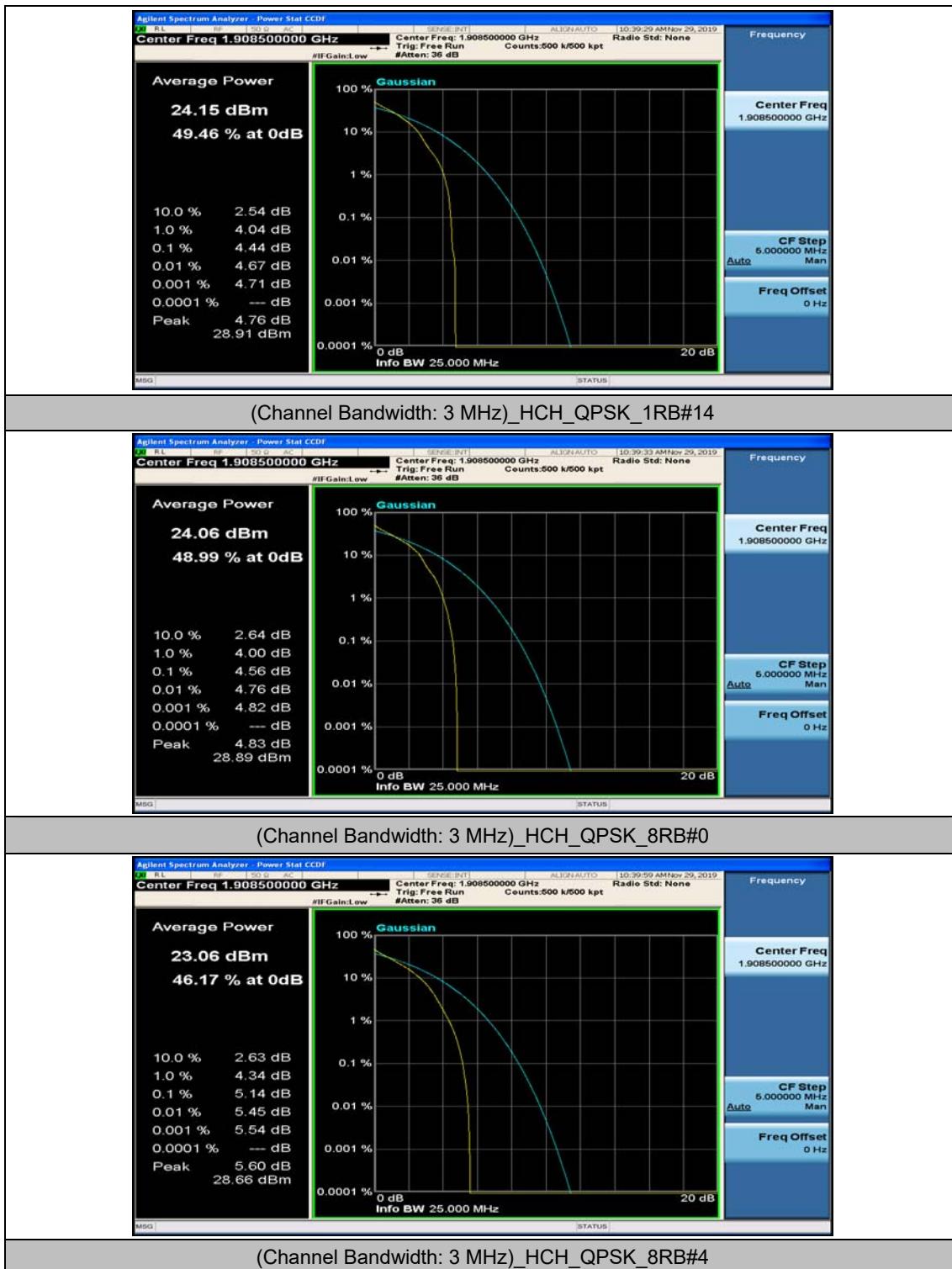


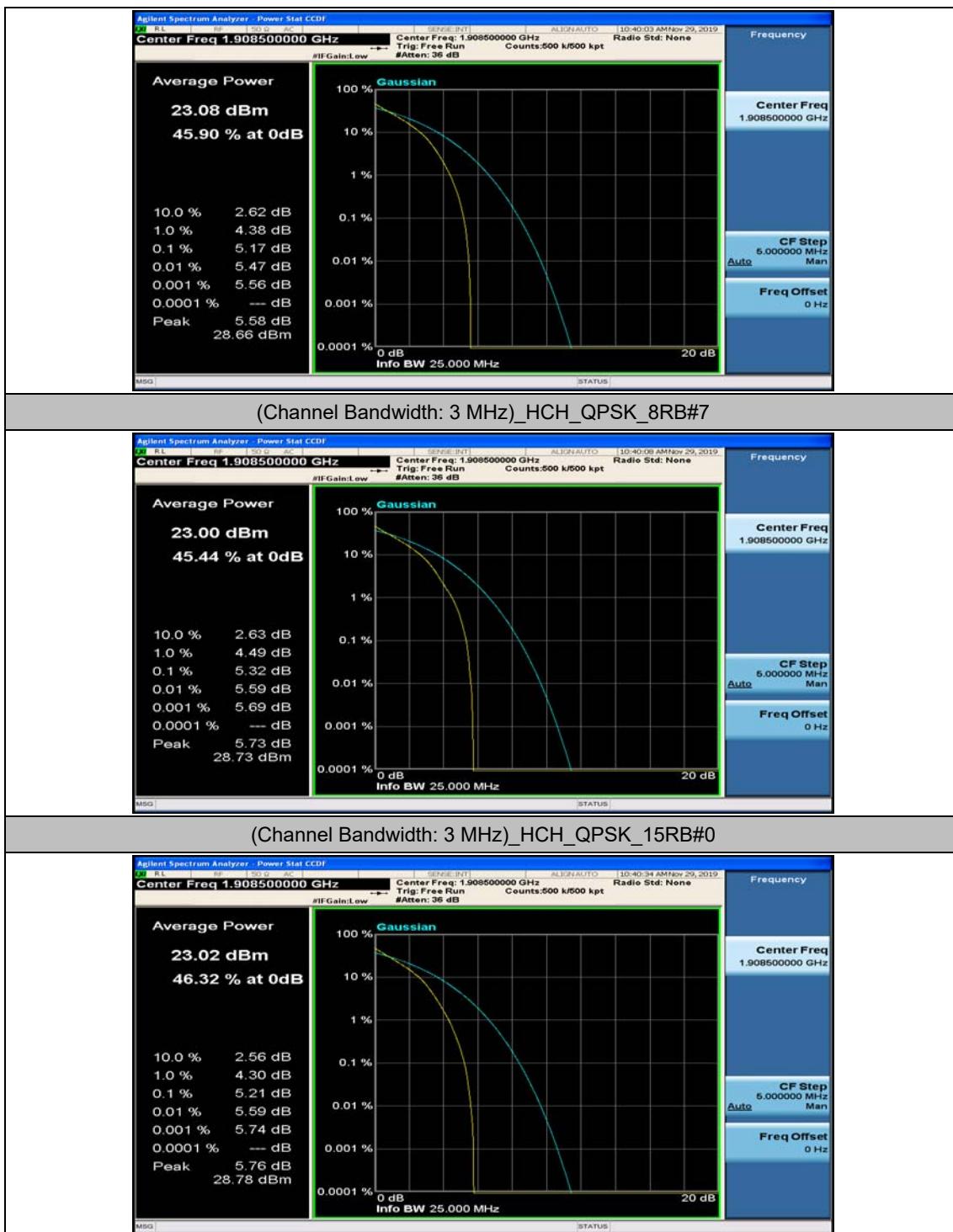


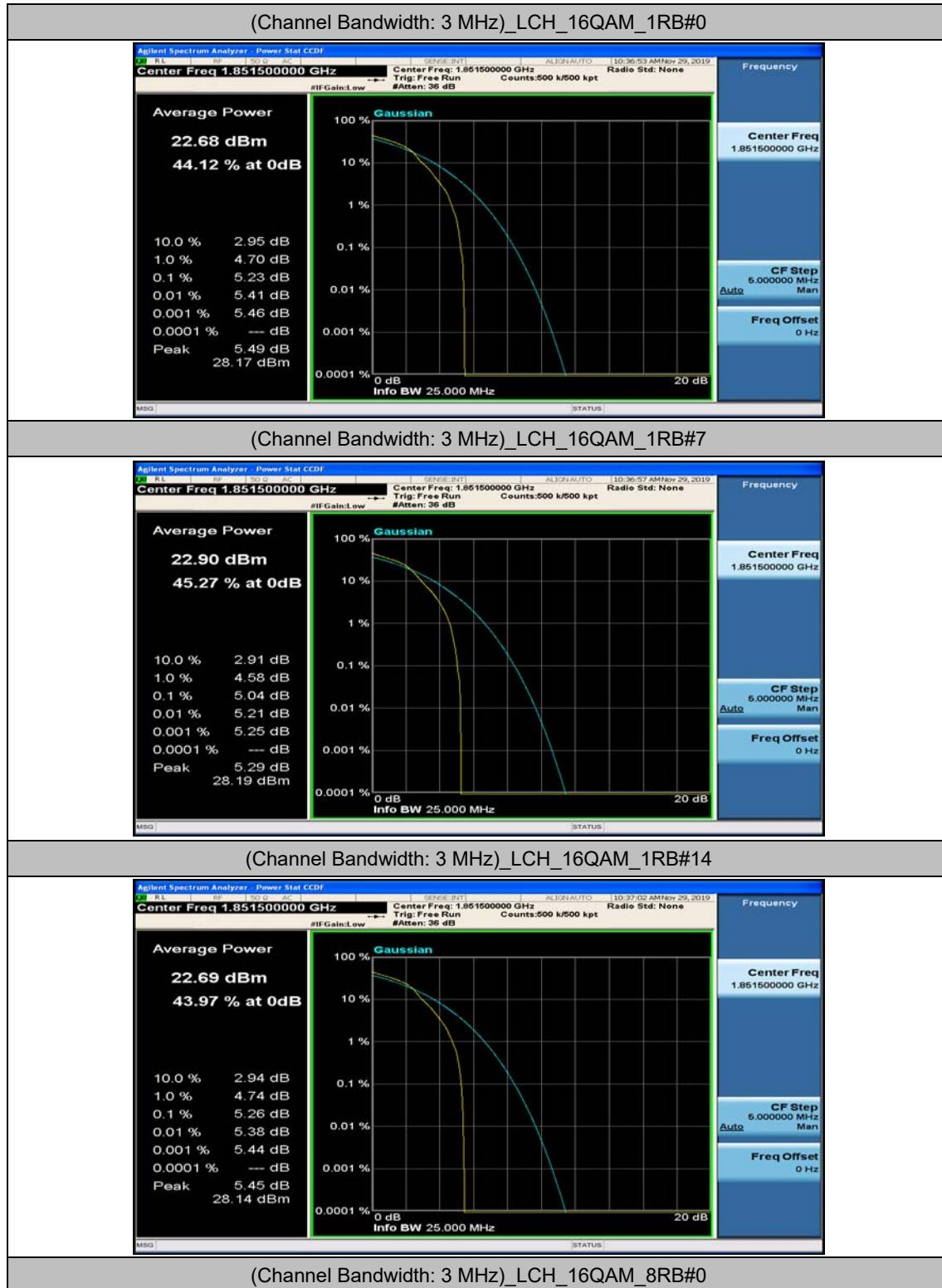
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14

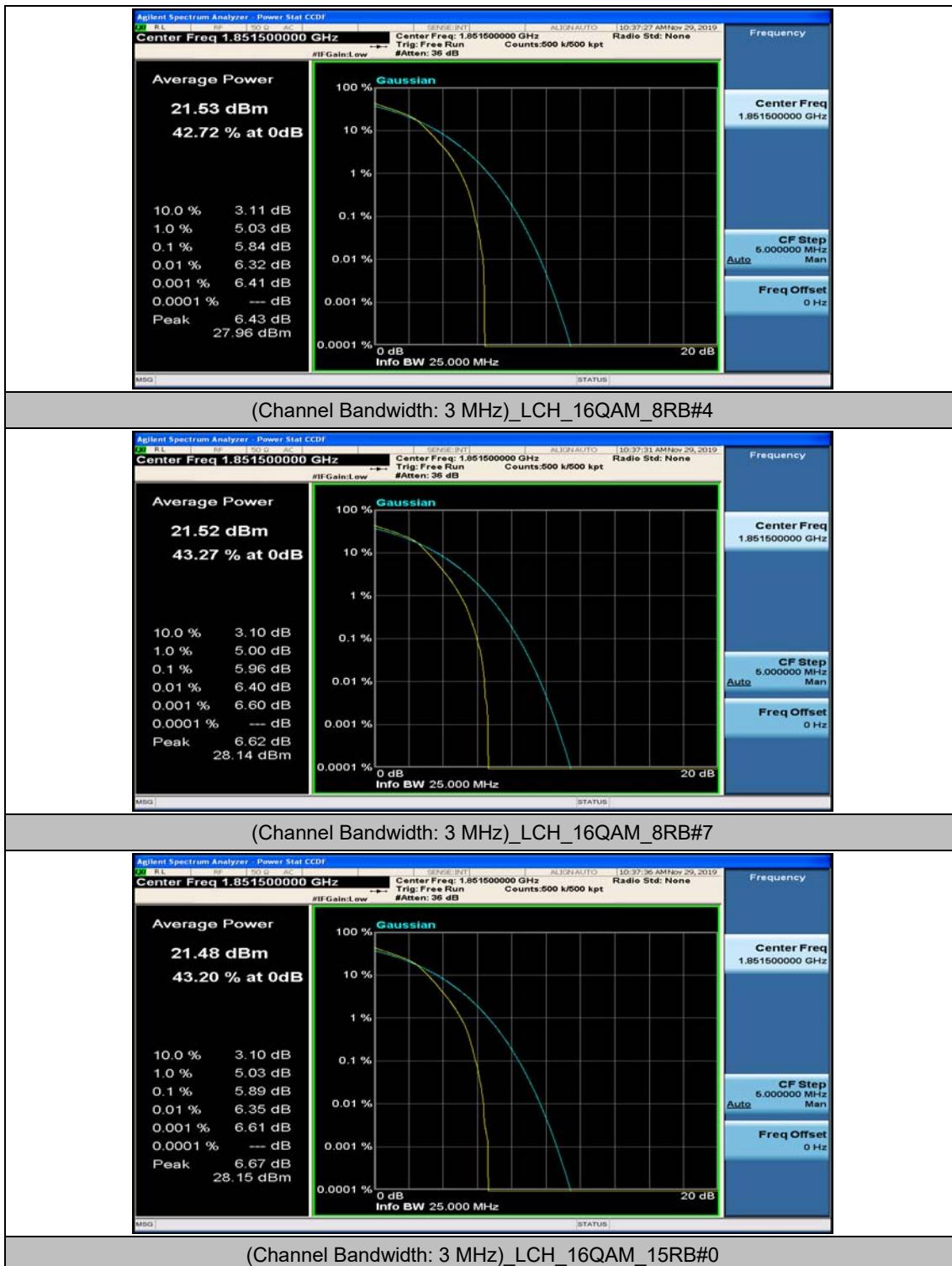


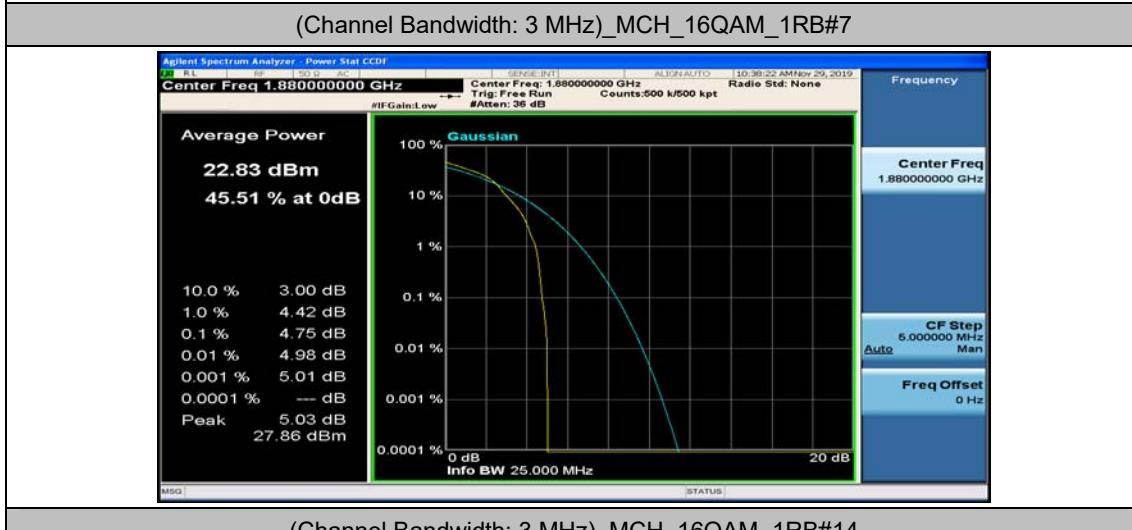
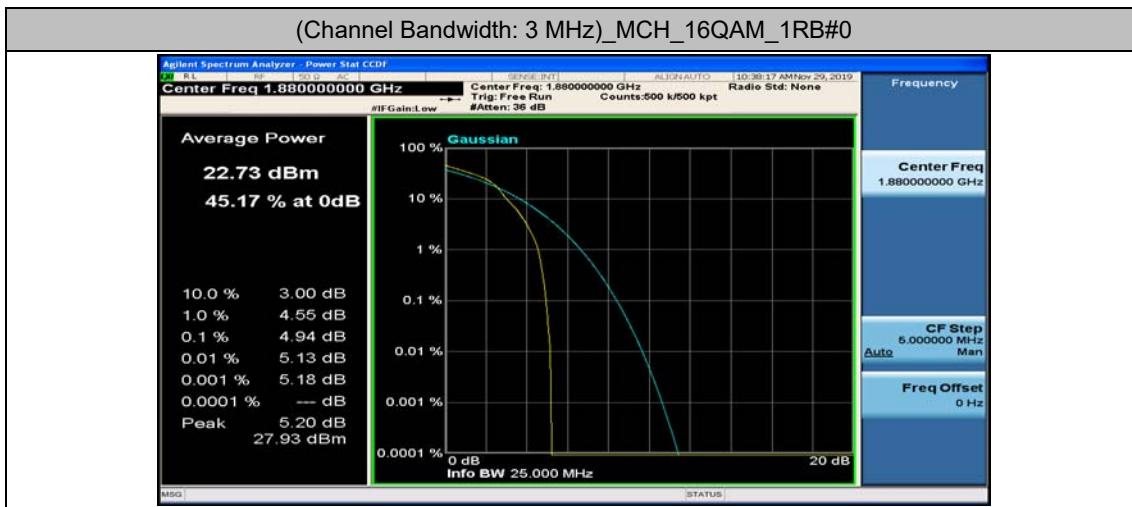
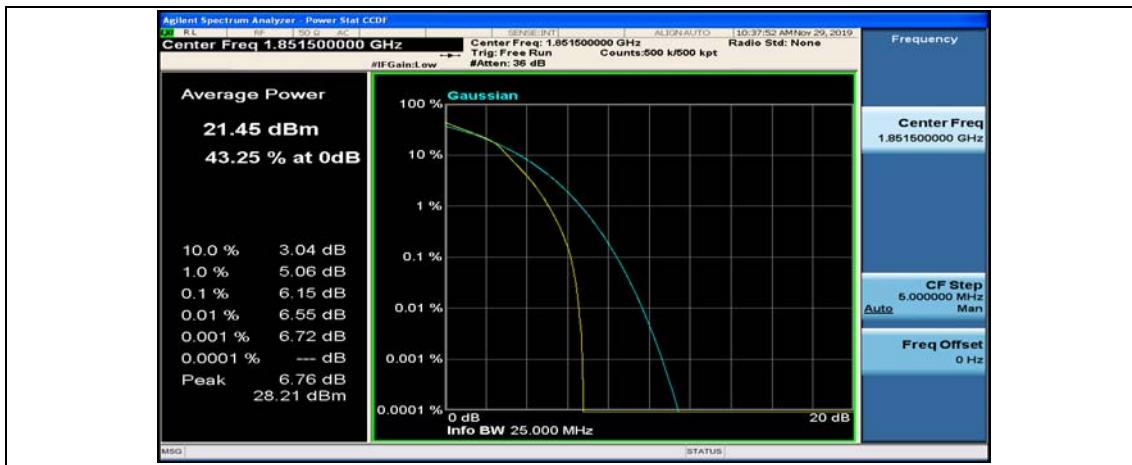




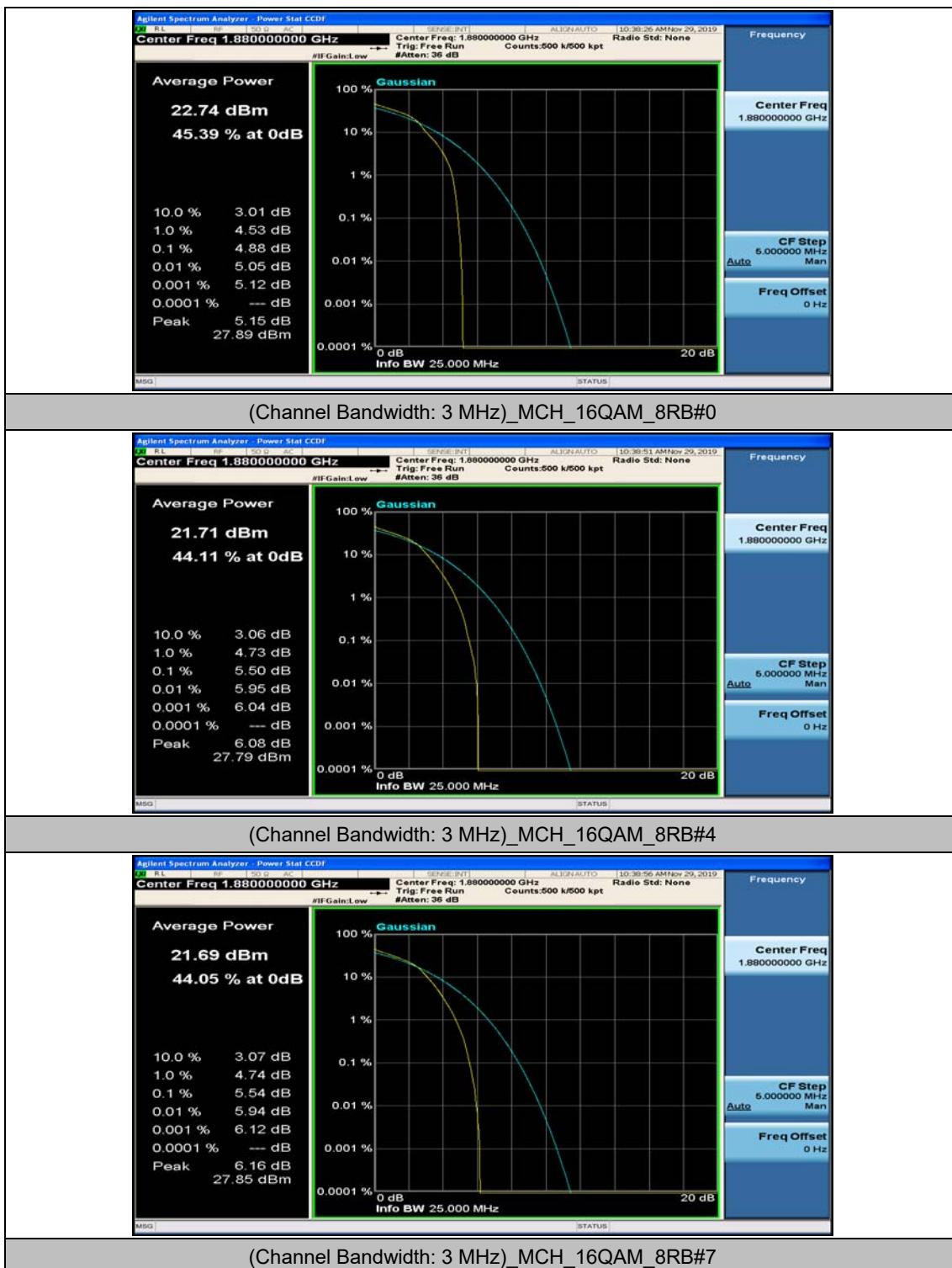


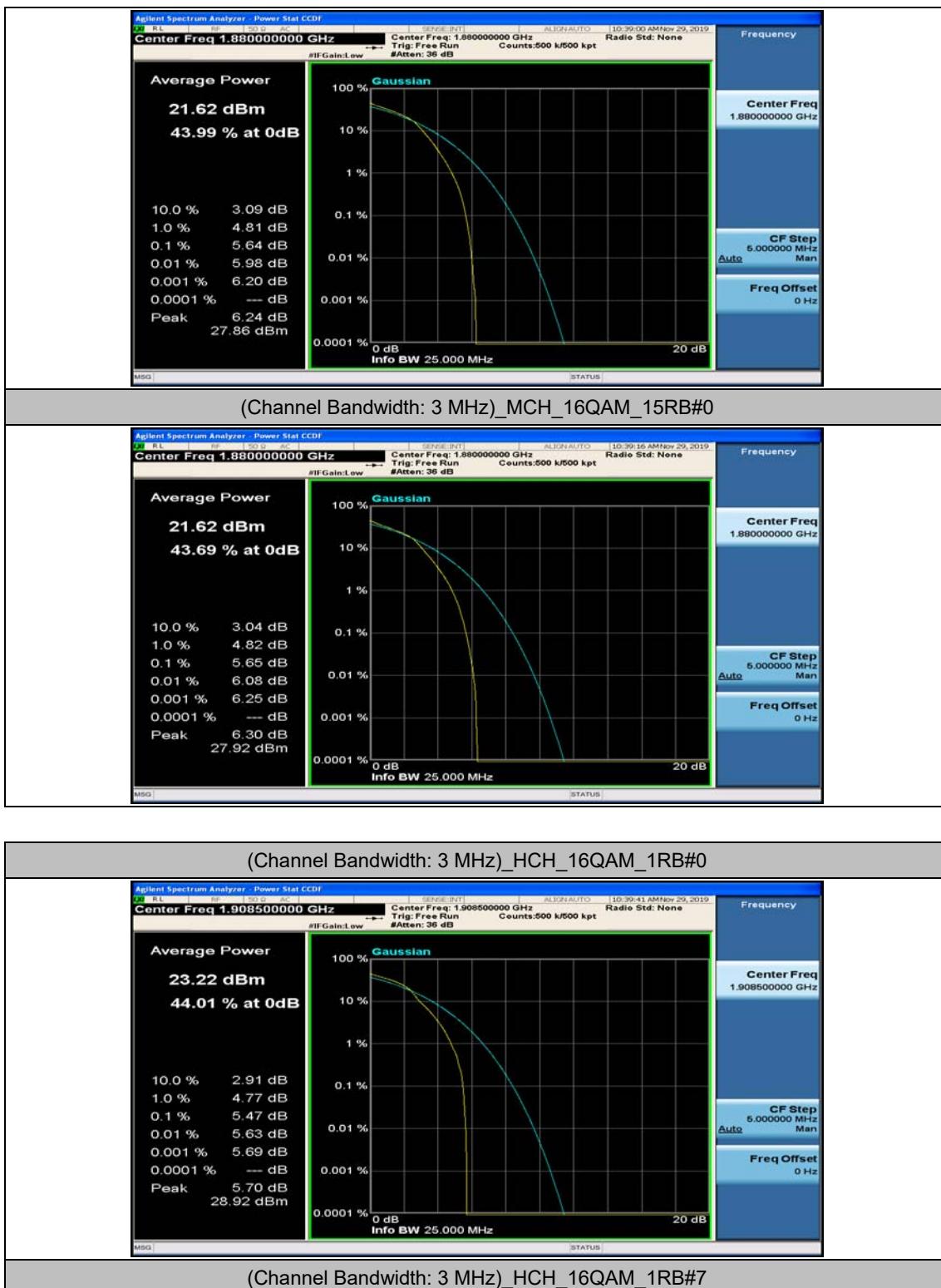


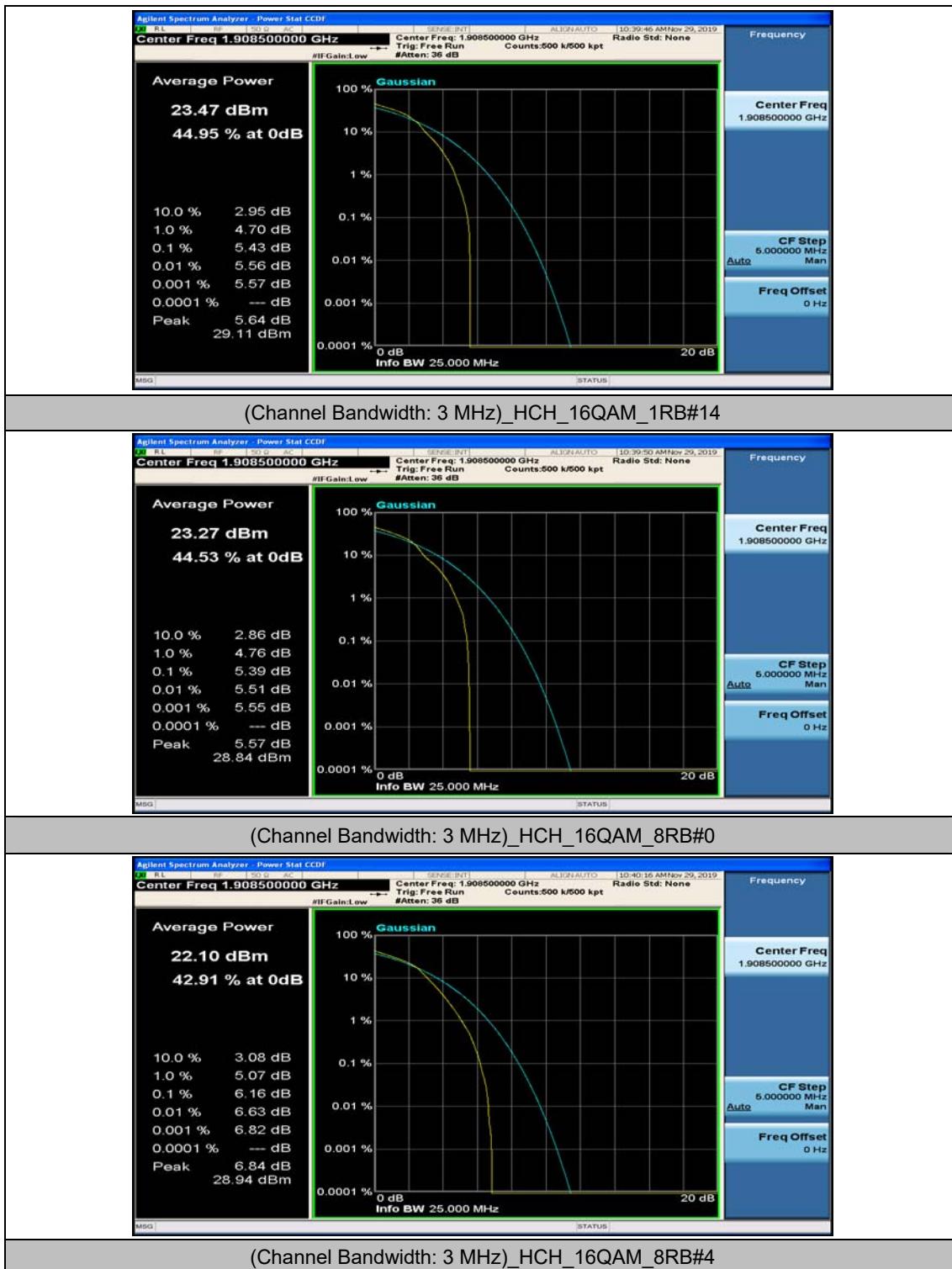


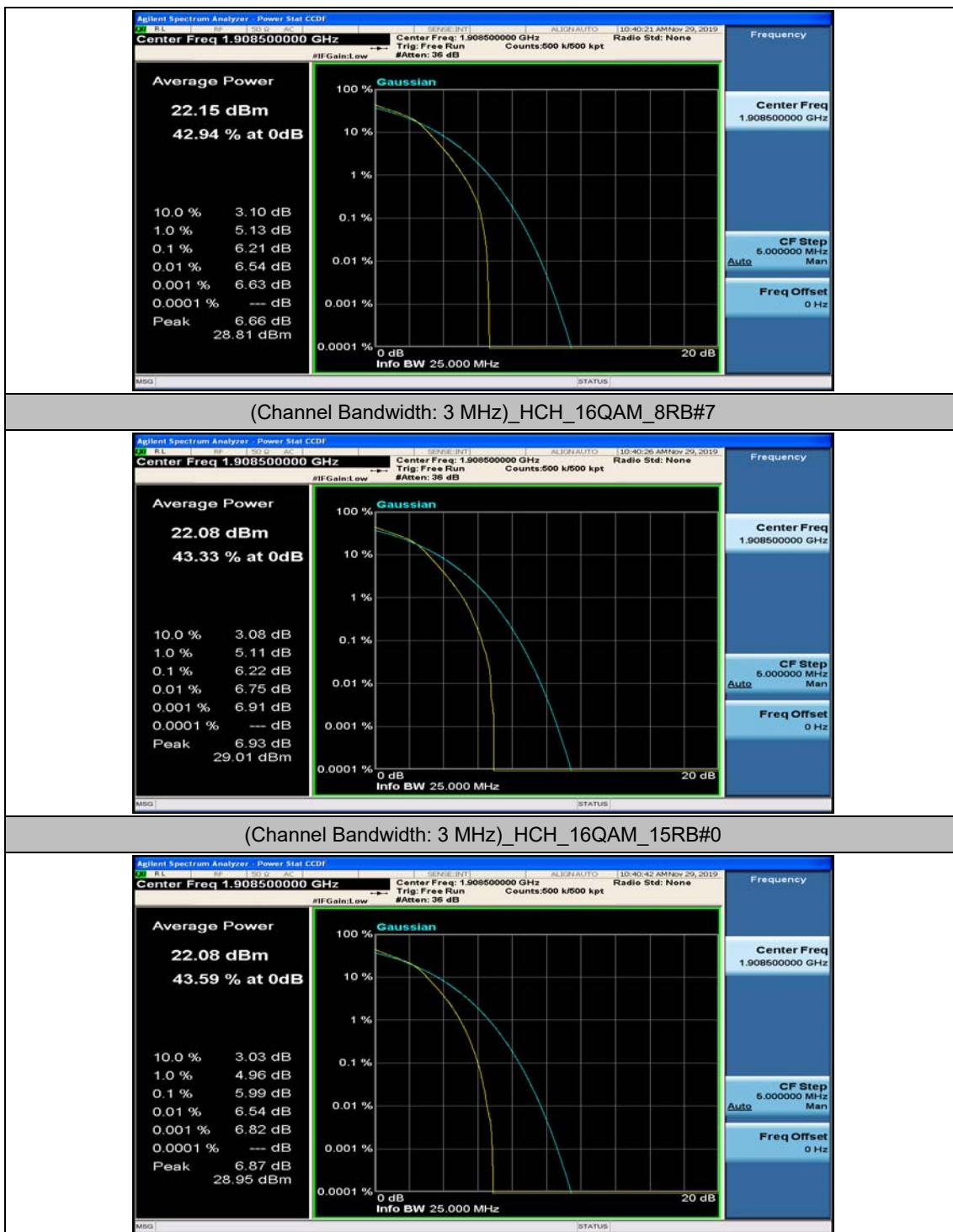


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14

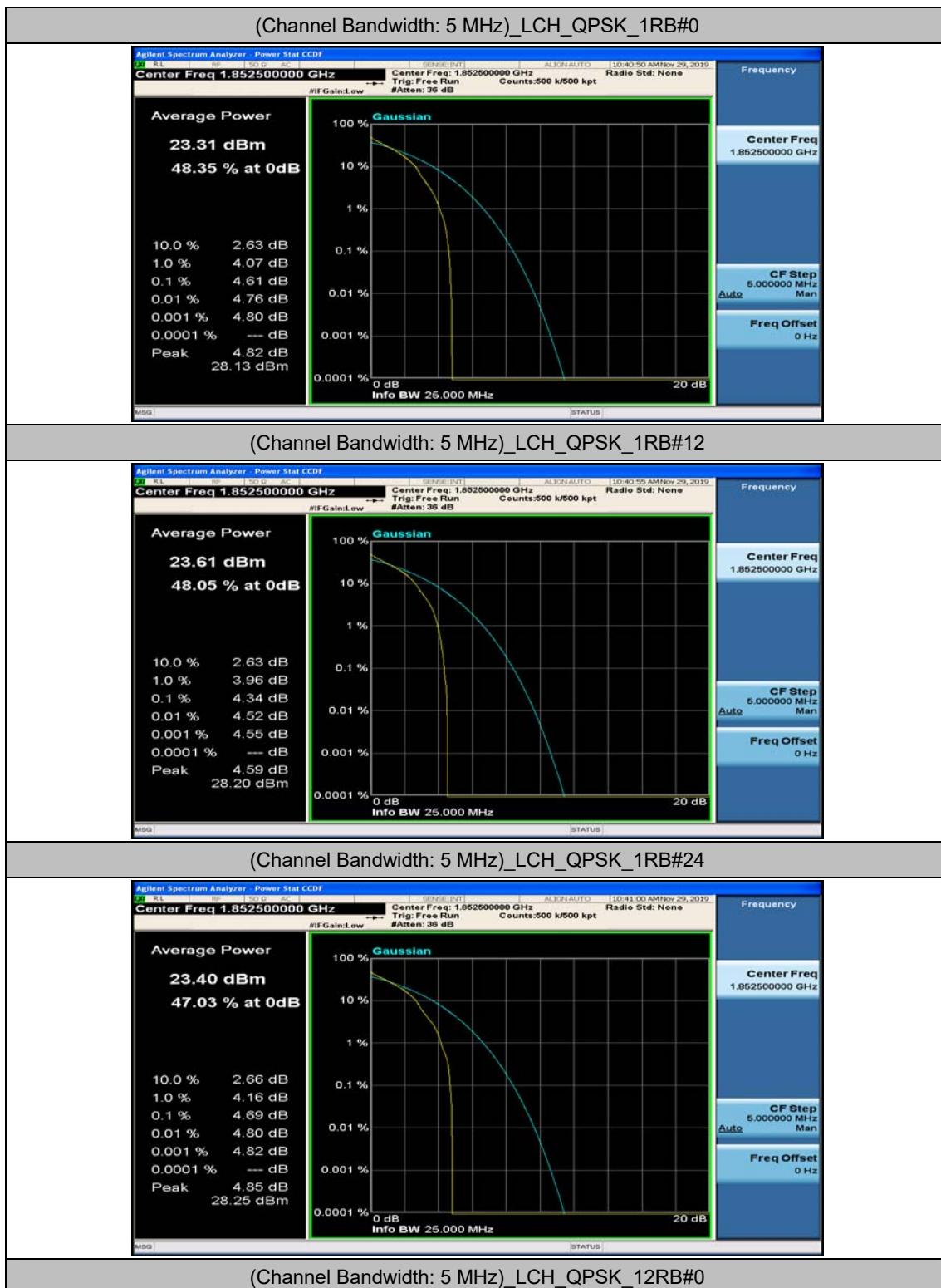


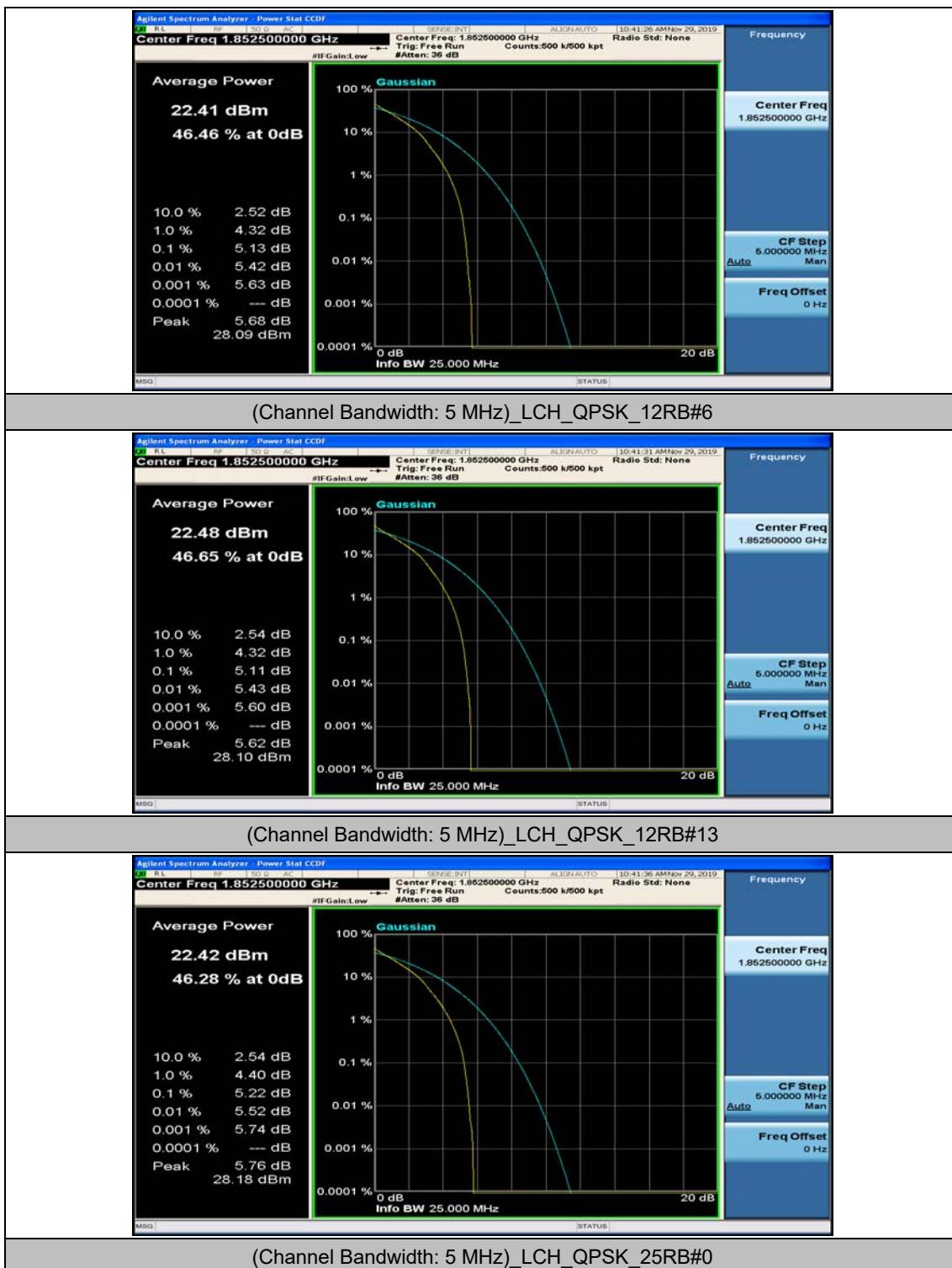


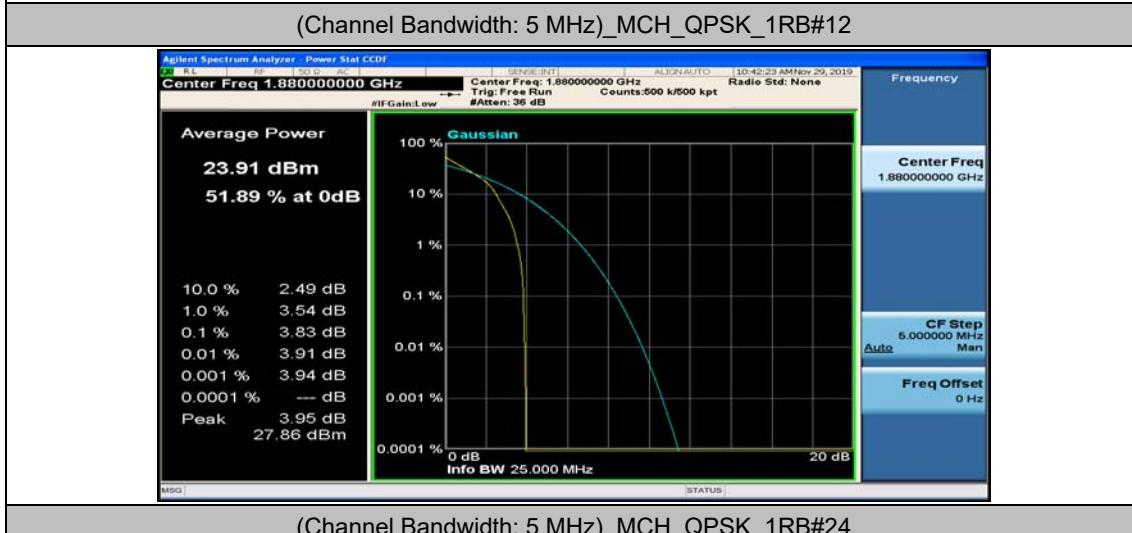
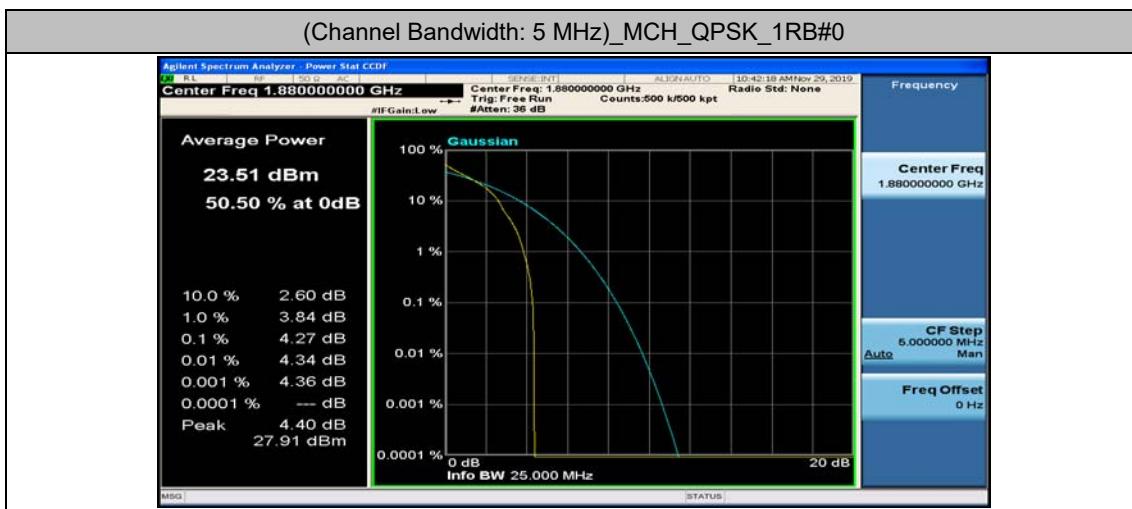
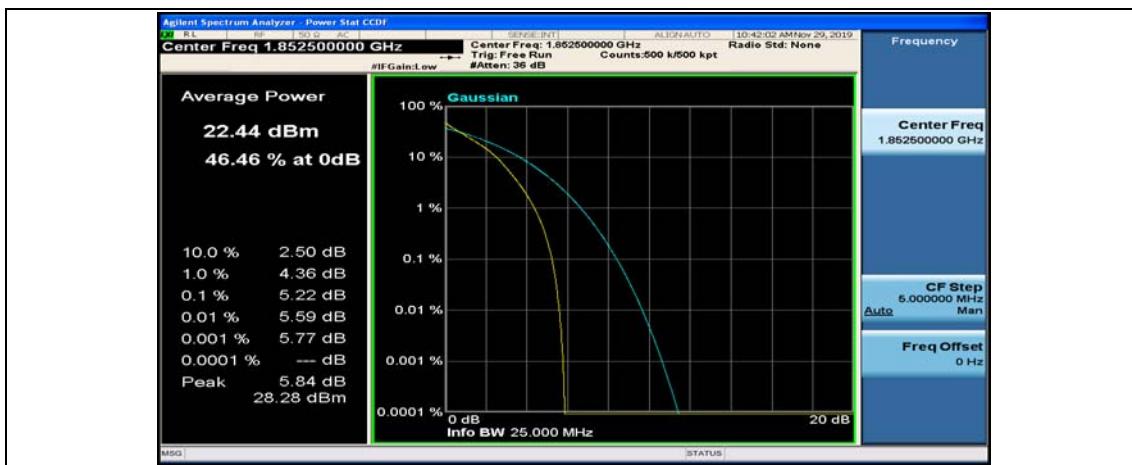




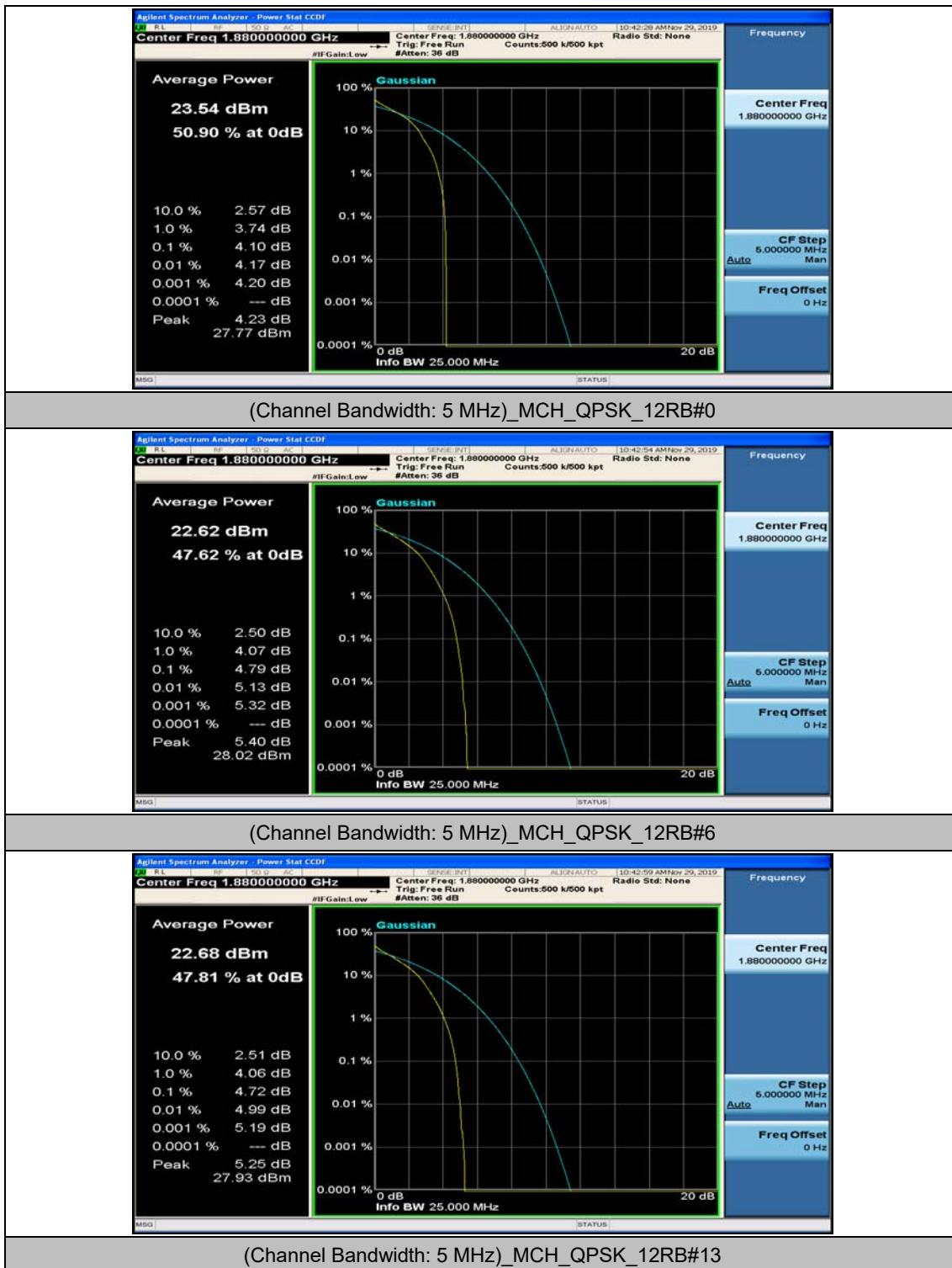
Channel Bandwidth: 5 MHz

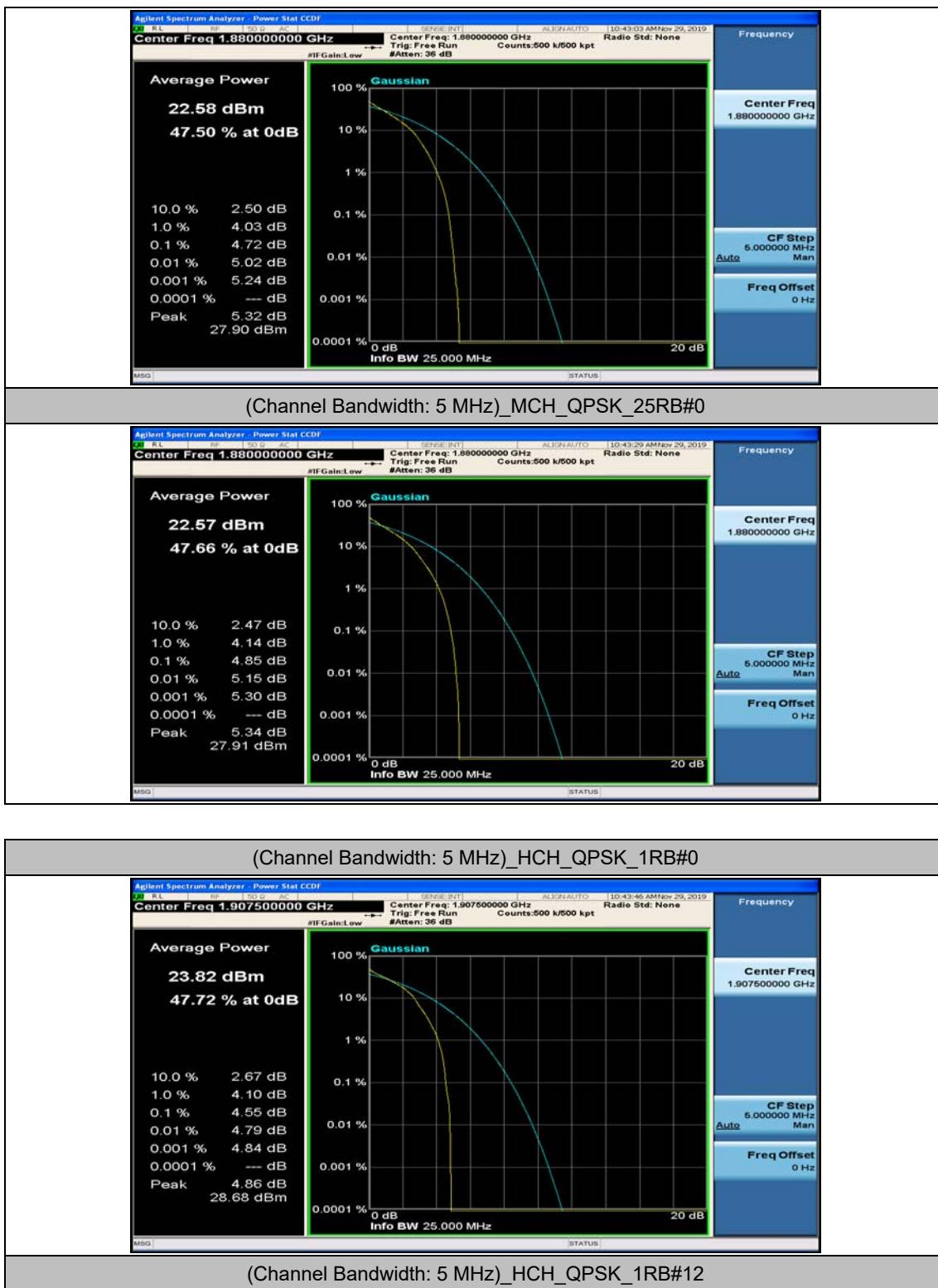


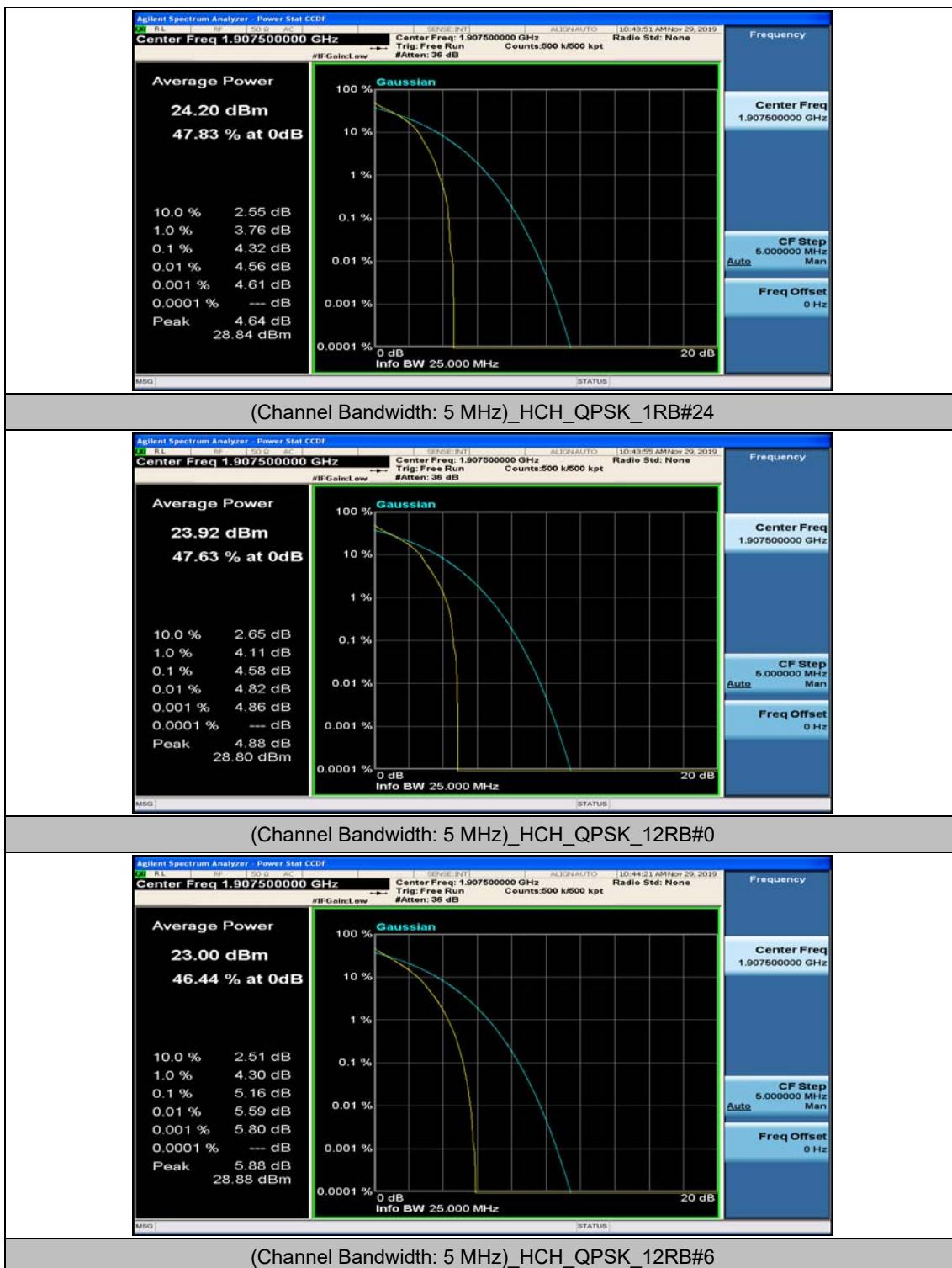


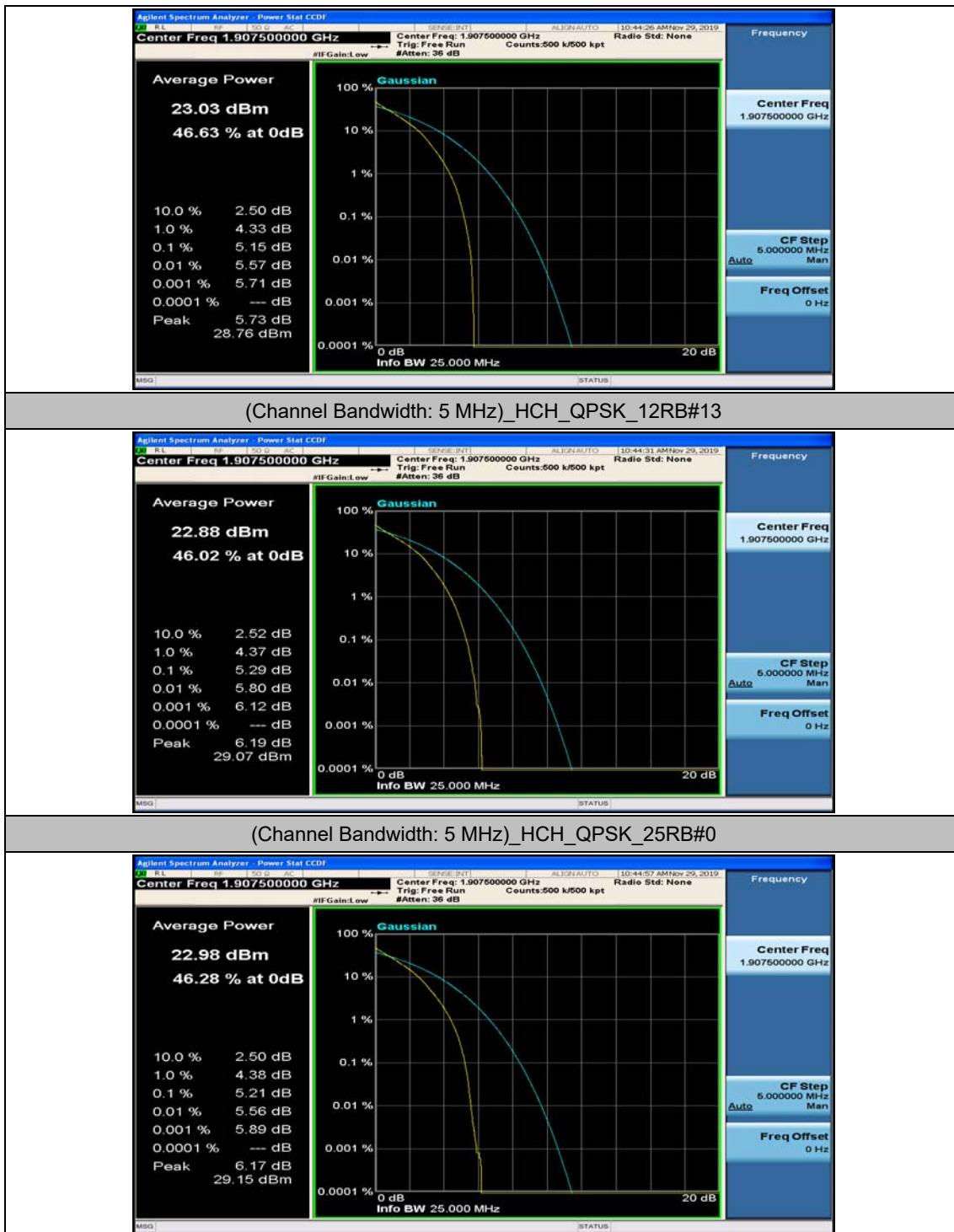


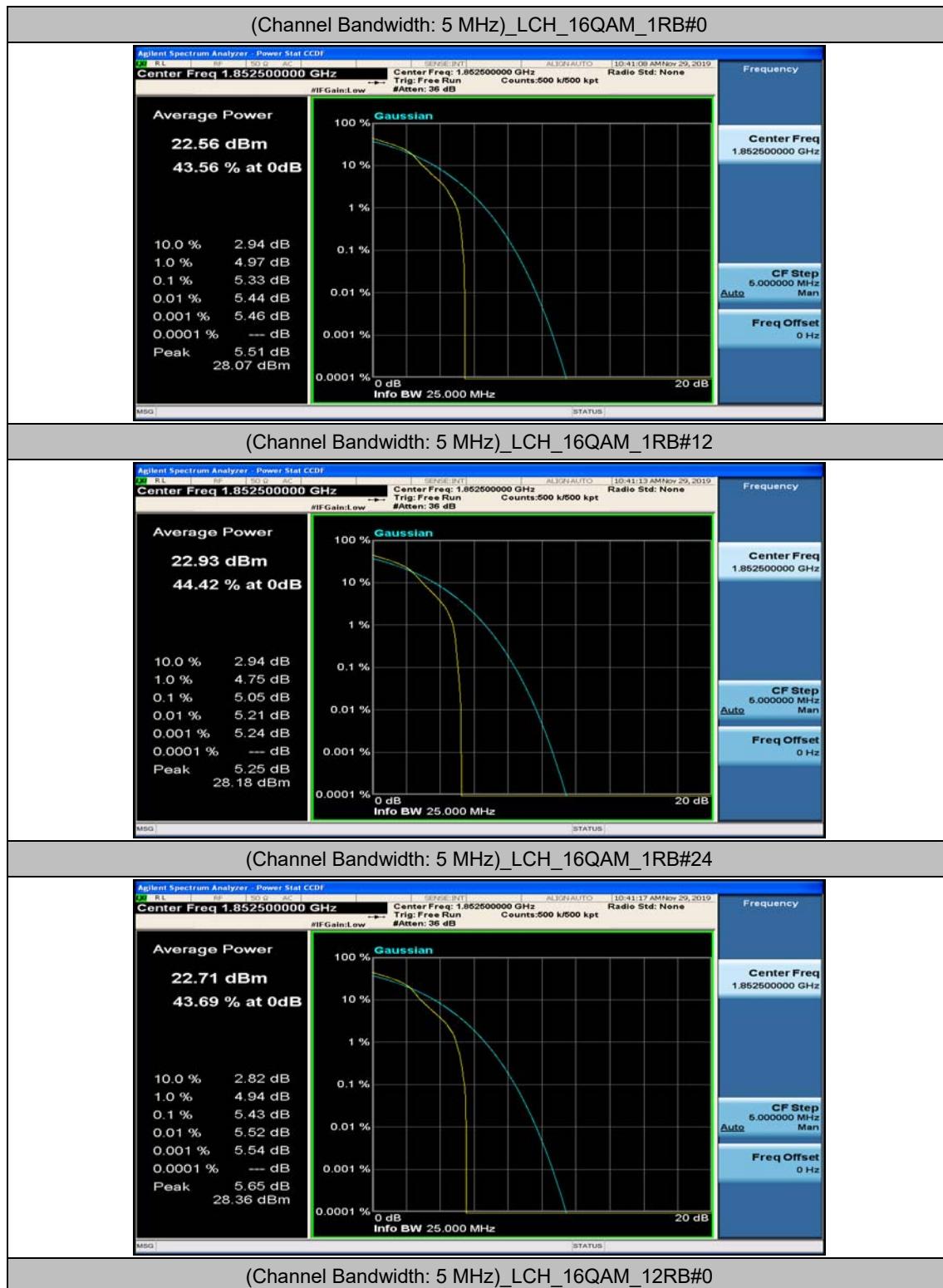
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24

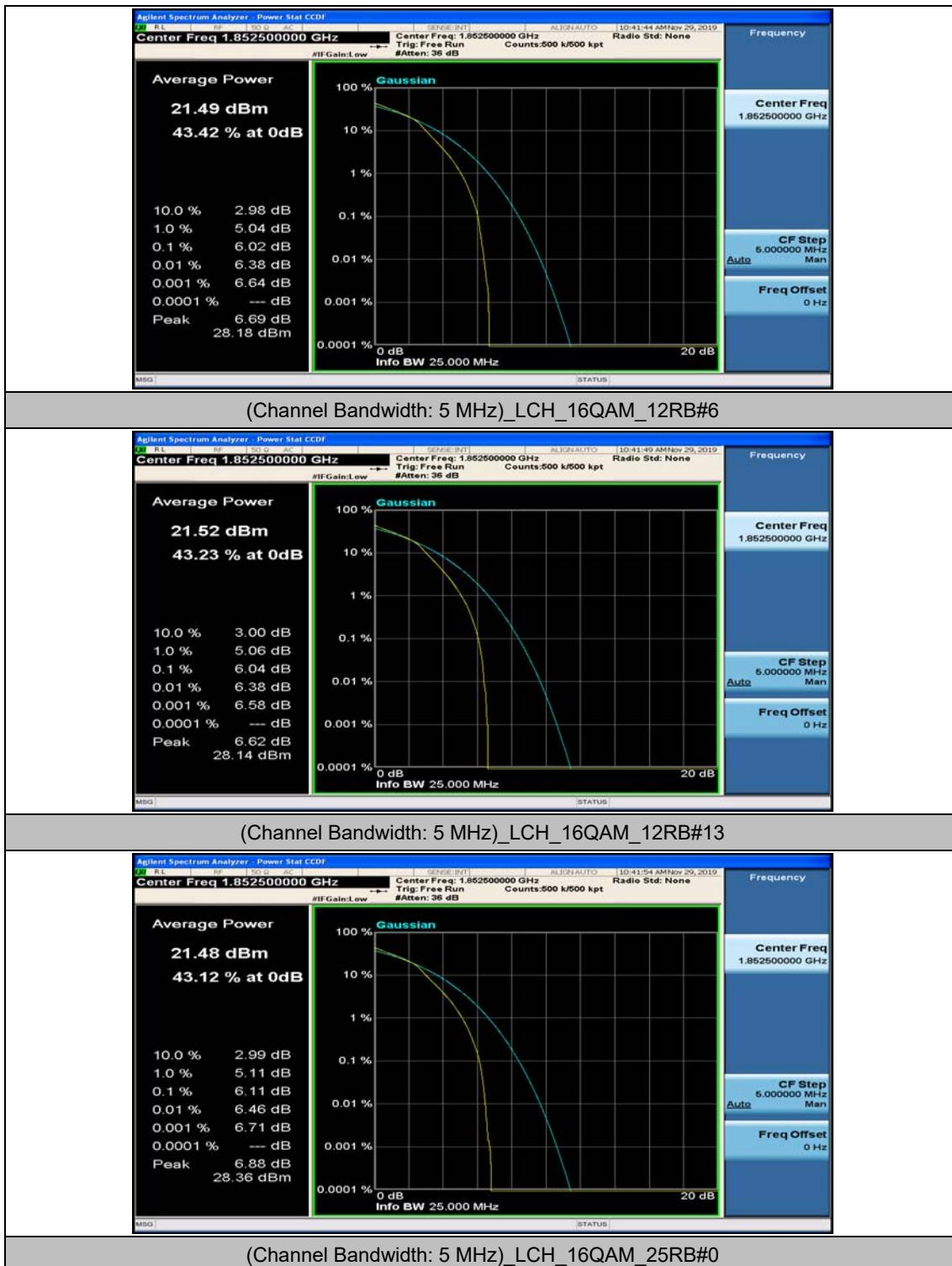


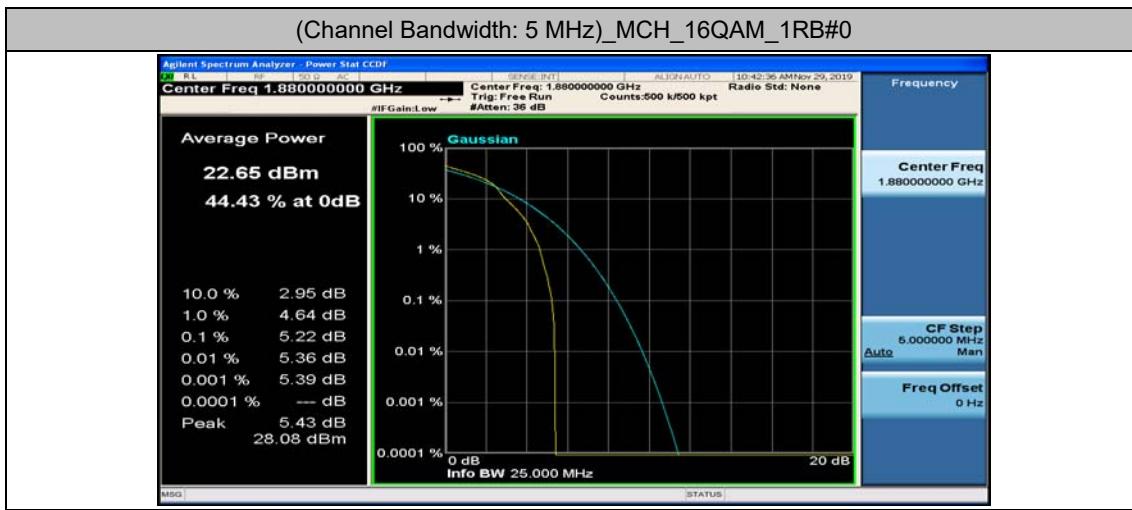
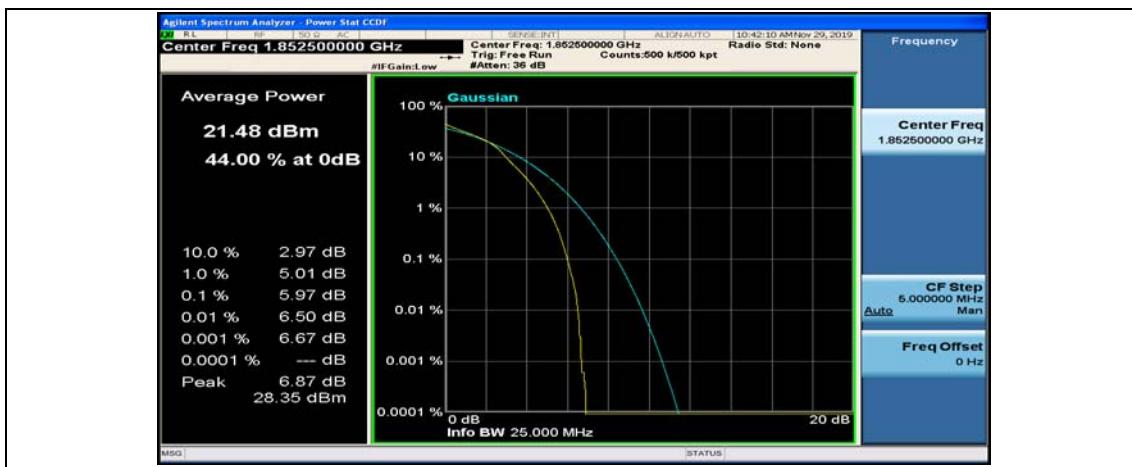


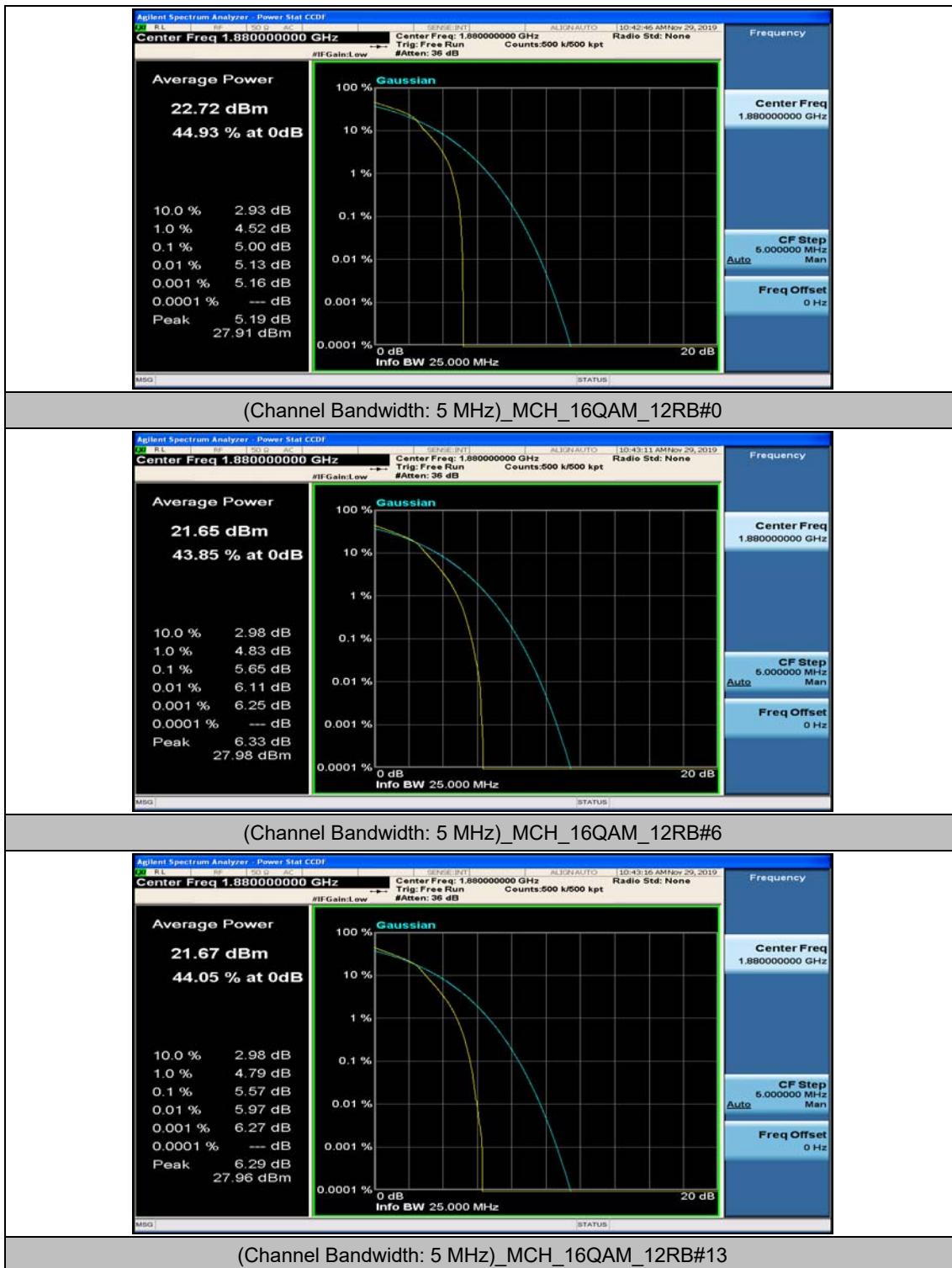


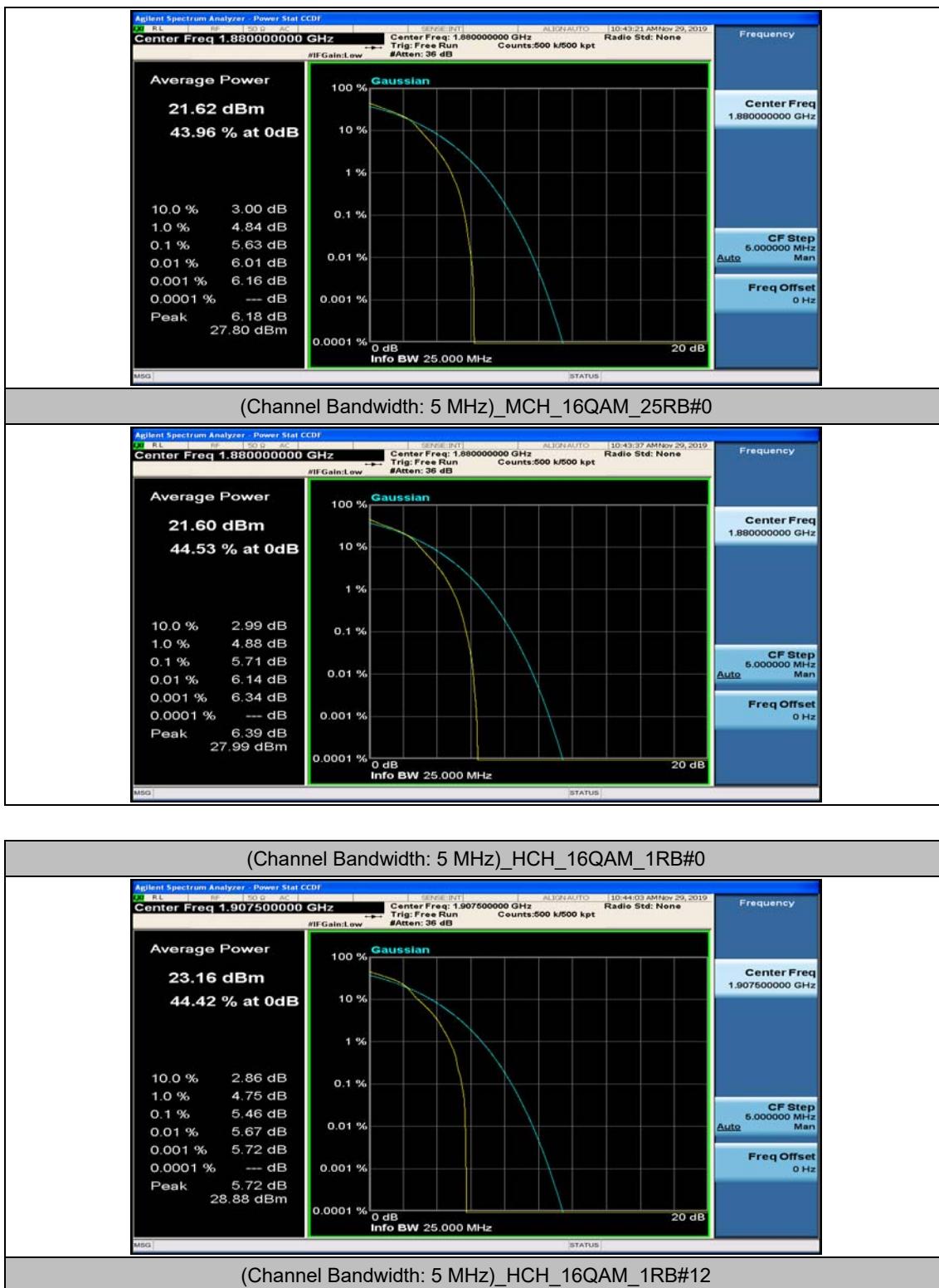


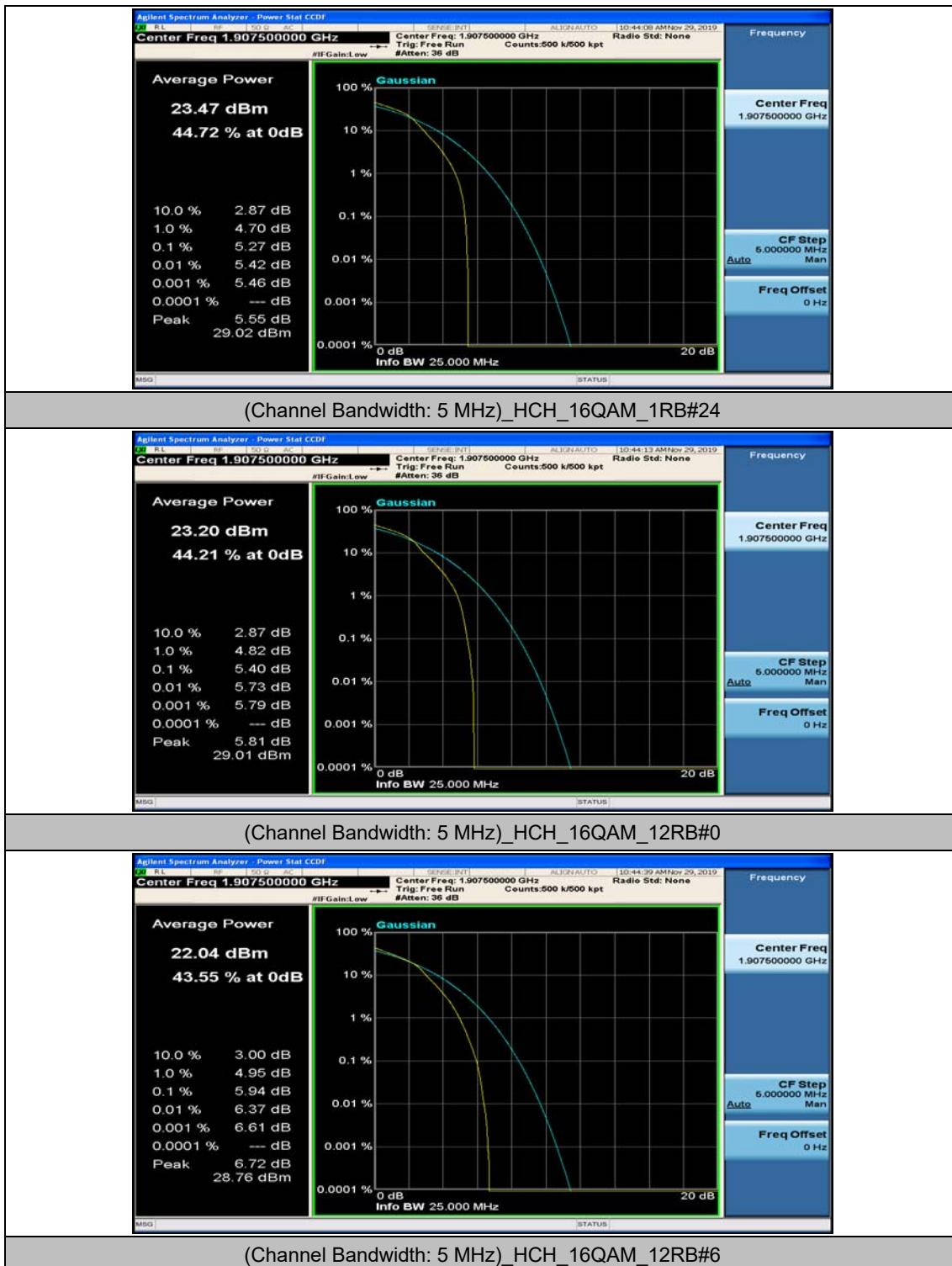


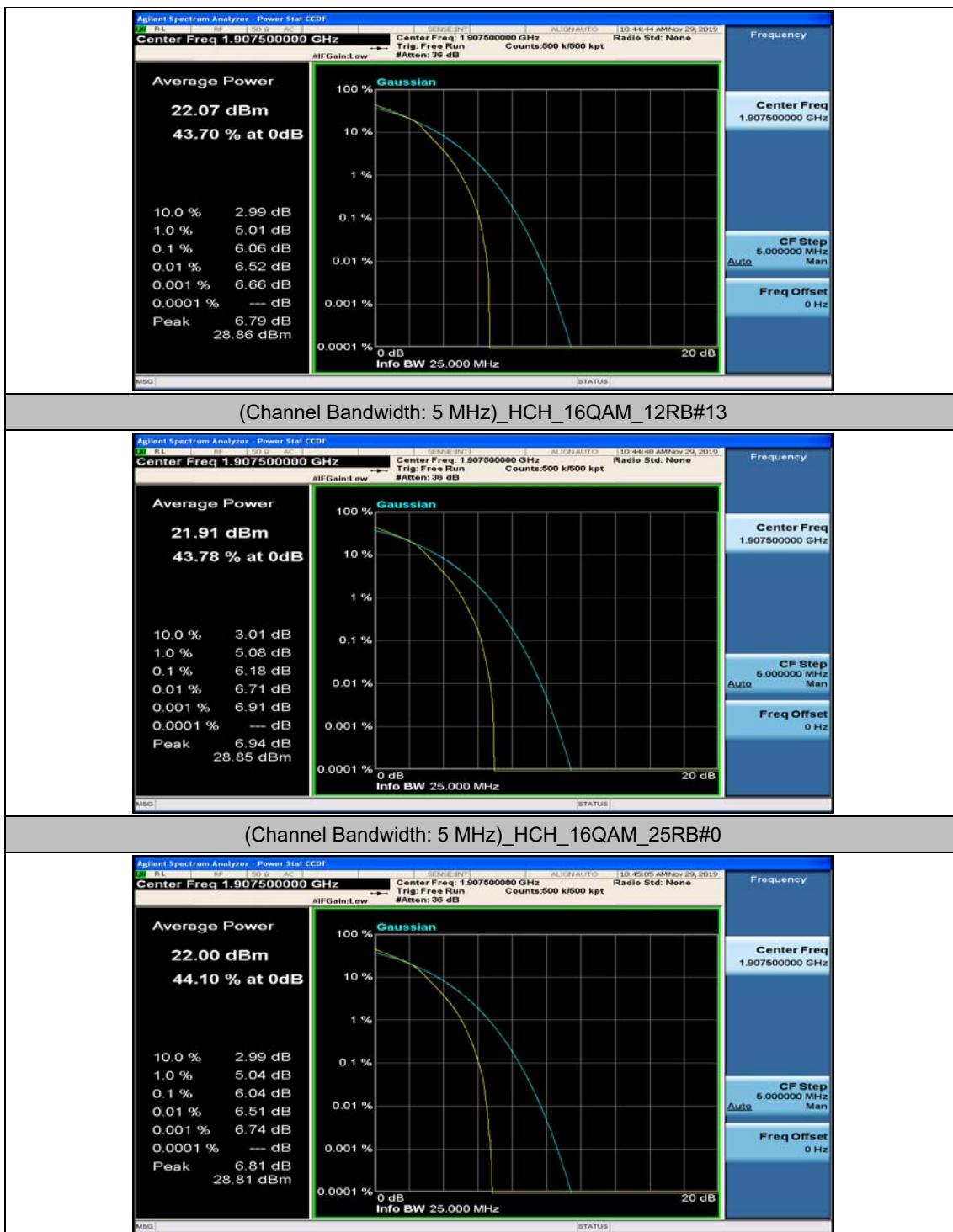


**(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24**









Channel Bandwidth: 10 MHz

