

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	24.03	PASS
		1	3	24.04	PASS
		1	5	24.05	PASS
		3	0	24.15	PASS
		3	2	24.14	PASS
		3	3	24.16	PASS
		6	0	23.08	PASS
	MCH	1	0	24.24	PASS
		1	3	24.24	PASS
		1	5	24.24	PASS
		3	0	24.26	PASS
		3	2	24.24	PASS
		3	3	24.27	PASS
		6	0	23.24	PASS
16QAM	LCH	1	0	24.37	PASS
		1	3	24.36	PASS
		1	5	24.37	PASS
		3	0	24.47	PASS
		3	2	24.38	PASS
		3	3	24.43	PASS
		6	0	23.40	PASS
	MCH	1	0	23.30	PASS
		1	3	23.40	PASS
		1	5	23.33	PASS
		3	0	23.30	PASS
		3	2	23.25	PASS
		3	3	23.26	PASS
		6	0	22.06	PASS

		6	0	22.21	PASS
HCH		1	0	23.72	PASS
		1	3	23.73	PASS
		1	5	23.67	PASS
		3	0	23.41	PASS
		3	2	23.37	PASS
		3	3	23.38	PASS
		6	0	22.35	PASS

Channel Bandwidth: 3 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.98	PASS
		1	7	24.06	PASS
		1	14	24.01	PASS
		8	0	23.11	PASS
		8	4	23.12	PASS
		8	7	23.13	PASS
		15	0	23.10	PASS
	MCH	1	0	24.10	PASS
		1	7	24.16	PASS
		1	14	24.12	PASS
		8	0	23.23	PASS
		8	4	23.22	PASS
		8	7	23.26	PASS
		15	0	23.22	PASS
	HCH	1	0	24.37	PASS
		1	7	24.40	PASS
		1	14	24.31	PASS
		8	0	23.45	PASS
		8	4	23.44	PASS
		8	7	23.44	PASS
		15	0	23.41	PASS
16QAM	LCH	1	0	23.27	PASS
		1	7	23.35	PASS
		1	14	23.32	PASS
		8	0	22.18	PASS
		8	4	22.21	PASS
		8	7	22.18	PASS
		15	0	22.10	PASS
	MCH	1	0	23.34	PASS
		1	7	23.39	PASS

		1	14	23.35	PASS
		8	0	22.30	PASS
		8	4	22.33	PASS
		8	7	22.31	PASS
		15	0	22.22	PASS
	HCH	1	0	23.73	PASS
		1	7	23.73	PASS
		1	14	23.65	PASS
		8	0	22.46	PASS
		8	4	22.42	PASS
		8	7	22.41	PASS
		15	0	22.42	PASS

Channel Bandwidth: 5 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	24.09	PASS
		1	12	24.15	PASS
		1	24	24.11	PASS
		12	0	23.17	PASS
		12	6	23.19	PASS
		12	13	23.22	PASS
		25	0	23.14	PASS
	MCH	1	0	24.23	PASS
		1	12	24.24	PASS
		1	24	24.21	PASS
		12	0	23.28	PASS
		12	6	23.27	PASS
		12	13	23.29	PASS
		25	0	23.22	PASS
16QAM	HCH	1	0	24.50	PASS
		1	12	24.48	PASS
		1	24	24.43	PASS
		12	0	23.52	PASS
		12	6	23.49	PASS
		12	13	23.48	PASS
		25	0	23.46	PASS
	LCH	1	0	23.49	PASS
		1	12	23.56	PASS
		1	24	23.53	PASS
		12	0	22.34	PASS

		12	13	22.39	PASS
		25	0	22.20	PASS
MCH	1	0	23.55	PASS	
	1	12	23.55	PASS	
	1	24	23.53	PASS	
	12	0	22.44	PASS	
	12	6	22.43	PASS	
	12	13	22.44	PASS	
	25	0	22.28	PASS	
HCH	1	0	23.54	PASS	
	1	12	23.50	PASS	
	1	24	23.33	PASS	
	12	0	22.57	PASS	
	12	6	22.53	PASS	
	12	13	22.52	PASS	
	25	0	22.48	PASS	

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	24.08	PASS
		1	24	24.17	PASS
		1	49	24.21	PASS
		25	0	23.20	PASS
		25	12	23.23	PASS
		25	25	23.26	PASS
		50	0	23.25	PASS
	MCH	1	0	24.19	PASS
		1	24	24.18	PASS
		1	49	24.21	PASS
		25	0	23.25	PASS
		25	12	23.23	PASS
		25	25	23.26	PASS
		50	0	23.25	PASS
	HCH	1	0	24.38	PASS
		1	24	24.42	PASS
		1	49	24.34	PASS
		25	0	23.44	PASS
		25	12	23.44	PASS
		25	25	23.43	PASS
		50	0	23.47	PASS
16QAM	LCH	1	0	23.38	PASS

		1	24	23.49	PASS
		1	49	23.51	PASS
		25	0	22.23	PASS
		25	12	22.27	PASS
		25	25	22.28	PASS
		50	0	22.28	PASS
	MCH	1	0	23.43	PASS
		1	24	23.41	PASS
		1	49	23.46	PASS
		25	0	22.28	PASS
		25	12	22.27	PASS
		25	25	22.30	PASS
		50	0	22.28	PASS
	HCH	1	0	23.83	PASS
		1	24	23.85	PASS
		1	49	23.70	PASS
		25	0	22.50	PASS
		25	12	22.49	PASS
		25	25	22.47	PASS
		50	0	22.54	PASS

Channel Bandwidth: 15 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	24.10	PASS
		1	37	24.31	PASS
		1	74	24.24	PASS
		37	0	23.27	PASS
		37	18	23.32	PASS
		37	38	23.34	PASS
		75	0	23.35	PASS
	MCH	1	0	24.23	PASS
		1	37	24.23	PASS
		1	74	24.26	PASS
		37	0	23.33	PASS
		37	18	23.36	PASS
		37	38	23.39	PASS
		75	0	23.39	PASS
	HCH	1	0	24.33	PASS
		1	37	24.43	PASS
		1	74	24.39	PASS
		37	0	23.49	PASS

		37	18	23.52	PASS
		37	38	23.51	PASS
		75	0	23.53	PASS
16QAM	LCH	1	0	23.41	PASS
		1	37	23.60	PASS
		1	74	23.53	PASS
		37	0	22.27	PASS
		37	18	22.31	PASS
		37	38	22.33	PASS
		75	0	22.33	PASS
	MCH	1	0	23.51	PASS
		1	37	23.48	PASS
		1	74	23.51	PASS
		37	0	22.30	PASS
		37	18	22.34	PASS
		37	38	22.34	PASS
		75	0	22.38	PASS
	HCH	1	0	23.63	PASS
		1	37	23.77	PASS
		1	74	23.61	PASS
		37	0	22.50	PASS
		37	18	22.52	PASS
		37	38	22.53	PASS
		75	0	22.50	PASS

Channel Bandwidth: 20 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	24.24	PASS
		1	49	24.39	PASS
		1	99	24.33	PASS
		50	0	23.28	PASS
		50	25	23.32	PASS
		50	50	23.34	PASS
		100	0	23.33	PASS
	MCH	1	0	24.35	PASS
		1	49	24.30	PASS
		1	99	24.46	PASS
		50	0	23.28	PASS
		50	25	23.27	PASS
		50	50	23.35	PASS
		100	0	23.30	PASS

		1	0	24.35	PASS
		1	49	24.49	PASS
		1	99	24.46	PASS
	HCH	50	0	23.42	PASS
		50	25	23.45	PASS
		50	50	23.48	PASS
		100	0	23.43	PASS
16QAM	LCH	1	0	23.44	PASS
		1	49	23.57	PASS
		1	99	23.48	PASS
		50	0	22.28	PASS
		50	25	22.34	PASS
		50	50	22.37	PASS
		100	0	22.32	PASS
	MCH	1	0	23.56	PASS
		1	49	23.45	PASS
		1	99	23.62	PASS
		50	0	22.30	PASS
		50	25	22.31	PASS
		50	50	22.34	PASS
		100	0	22.34	PASS
	HCH	1	0	23.64	PASS
		1	49	23.82	PASS
		1	99	23.78	PASS
		50	0	22.49	PASS
		50	25	22.52	PASS
		50	50	22.53	PASS
		100	0	22.46	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	4.51	<13	PASS
		1	3	4.44	<13	PASS
		1	5	4.55	<13	PASS
		3	0	4.52	<13	PASS
		3	2	4.59	<13	PASS
		3	3	4.57	<13	PASS
		6	0	5.49	<13	PASS
	MCH	1	0	3.57	<13	PASS
		1	3	3.5	<13	PASS
		1	5	3.53	<13	PASS
		3	0	3.69	<13	PASS
		3	2	3.71	<13	PASS
		3	3	3.68	<13	PASS
		6	0	4.69	<13	PASS
16QAM	LCH	1	0	3.87	<13	PASS
		1	3	3.75	<13	PASS
		1	5	3.59	<13	PASS
		3	0	3.85	<13	PASS
		3	2	3.83	<13	PASS
		3	3	3.81	<13	PASS
		6	0	4.75	<13	PASS
	MCH	1	0	5.48	<13	PASS
		1	3	5.48	<13	PASS
		1	5	5.41	<13	PASS
		3	0	5.45	<13	PASS
		3	2	5.49	<13	PASS
		3	3	5.53	<13	PASS
		6	0	6.43	<13	PASS

		3	2	4.76	<13	PASS
		3	3	4.68	<13	PASS
		6	0	5.6	<13	PASS
HCH		1	0	4.65	<13	PASS
		1	3	4.64	<13	PASS
		1	5	4.61	<13	PASS
		3	0	4.65	<13	PASS
		3	2	4.64	<13	PASS
		3	3	4.57	<13	PASS
		6	0	5.72	<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	4.55	<13	PASS
		1	7	4.6	<13	PASS
		1	14	4.76	<13	PASS
		8	0	5.41	<13	PASS
		8	4	5.48	<13	PASS
		8	7	5.49	<13	PASS
		15	0	5.51	<13	PASS
	MCH	1	0	3.73	<13	PASS
		1	7	3.65	<13	PASS
		1	14	3.56	<13	PASS
		8	0	4.69	<13	PASS
		8	4	4.67	<13	PASS
		8	7	4.58	<13	PASS
		15	0	4.77	<13	PASS
	HCH	1	0	3.99	<13	PASS
		1	7	3.8	<13	PASS
		1	14	3.56	<13	PASS
		8	0	4.99	<13	PASS
		8	4	4.96	<13	PASS
		8	7	4.82	<13	PASS
		15	0	5.03	<13	PASS
16QAM	LCH	1	0	5.34	<13	PASS
		1	7	5.47	<13	PASS
		1	14	5.48	<13	PASS
		8	0	6.16	<13	PASS
		8	4	6.22	<13	PASS

		8	7	6.24	<13	PASS
		15	0	6.49	<13	PASS
MCH		1	0	4.67	<13	PASS
		1	7	4.59	<13	PASS
		1	14	4.45	<13	PASS
		8	0	5.49	<13	PASS
		8	4	5.51	<13	PASS
		8	7	5.46	<13	PASS
		15	0	5.7	<13	PASS
HCH		1	0	4.91	<13	PASS
		1	7	4.73	<13	PASS
		1	14	4.56	<13	PASS
		8	0	5.78	<13	PASS
		8	4	5.72	<13	PASS
		8	7	5.67	<13	PASS
		15	0	5.86	<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	4.44	<13	PASS
		1	12	4.5	<13	PASS
		1	24	4.69	<13	PASS
		12	0	5.51	<13	PASS
		12	6	5.49	<13	PASS
		12	13	5.58	<13	PASS
		25	0	5.62	<13	PASS
	MCH	1	0	3.64	<13	PASS
		1	12	3.51	<13	PASS
		1	24	3.44	<13	PASS
		12	0	4.72	<13	PASS
		12	6	4.65	<13	PASS
		12	13	4.67	<13	PASS
		25	0	4.81	<13	PASS
	HCH	1	0	4.25	<13	PASS
		1	12	4.02	<13	PASS
		1	24	3.6	<13	PASS
		12	0	5.18	<13	PASS
		12	6	5.11	<13	PASS
		12	13	4.92	<13	PASS

		25	0	5.13	<13	PASS
16QAM	LCH	1	0	5.21	<13	PASS
		1	12	5.43	<13	PASS
		1	24	5.54	<13	PASS
		12	0	6.33	<13	PASS
		12	6	6.36	<13	PASS
		12	13	6.48	<13	PASS
		25	0	6.42	<13	PASS
	MCH	1	0	4.63	<13	PASS
		1	12	4.51	<13	PASS
		1	24	4.39	<13	PASS
		12	0	5.62	<13	PASS
		12	6	5.54	<13	PASS
		12	13	5.49	<13	PASS
		25	0	5.65	<13	PASS
	HCH	1	0	4.89	<13	PASS
		1	12	4.62	<13	PASS
		1	24	4.38	<13	PASS
		12	0	6.1	<13	PASS
		12	6	5.98	<13	PASS
		12	13	5.89	<13	PASS
		25	0	6	<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	4.48	<13	PASS
		1	24	4.71	<13	PASS
		1	49	4.85	<13	PASS
		25	0	5.49	<13	PASS
		25	12	5.61	<13	PASS
		25	25	5.64	<13	PASS
		50	0	5.63	<13	PASS
	MCH	1	0	4.02	<13	PASS
		1	24	3.58	<13	PASS
		1	49	3.56	<13	PASS
		25	0	4.88	<13	PASS
		25	12	4.77	<13	PASS
		25	25	4.69	<13	PASS
		50	0	4.88	<13	PASS

		1	0	4.09	<13	PASS
		1	24	4.06	<13	PASS
		1	49	3.64	<13	PASS
	HCH	25	0	5.33	<13	PASS
		25	12	5.35	<13	PASS
		25	25	5.1	<13	PASS
		50	0	5.29	<13	PASS
16QAM	LCH	1	0	5.28	<13	PASS
		1	24	5.62	<13	PASS
		1	49	5.66	<13	PASS
		25	0	6.42	<13	PASS
		25	12	6.4	<13	PASS
		25	25	6.49	<13	PASS
		50	0	6.43	<13	PASS
	MCH	1	0	4.94	<13	PASS
		1	24	4.45	<13	PASS
		1	49	4.46	<13	PASS
		25	0	5.81	<13	PASS
		25	12	5.69	<13	PASS
		25	25	5.58	<13	PASS
		50	0	5.71	<13	PASS
	HCH	1	0	4.96	<13	PASS
		1	24	5.01	<13	PASS
		1	49	4.63	<13	PASS
		25	0	6.16	<13	PASS
		25	12	6.15	<13	PASS
		25	25	6.05	<13	PASS
		50	0	6.12	<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	4.9	<13	PASS
		1	74	4.5	<13	PASS
		37	0	5.56	<13	PASS
		37	18	5.63	<13	PASS
		37	38	5.58	<13	PASS
		75	0	5.9	<13	PASS
	MCH	1	0	4.27	<13	PASS

		1	37	3.6	<13	PASS
		1	74	3.56	<13	PASS
		37	0	4.96	<13	PASS
		37	18	4.71	<13	PASS
		37	38	4.64	<13	PASS
		75	0	5.19	<13	PASS
		1	0	3.7	<13	PASS
		1	37	4.37	<13	PASS
		1	74	3.73	<13	PASS
		37	0	5.18	<13	PASS
		37	18	5.29	<13	PASS
		37	38	5.18	<13	PASS
		75	0	5.52	<13	PASS
16QAM	LCH	1	0	5.25	<13	PASS
		1	37	5.73	<13	PASS
		1	74	5.47	<13	PASS
		37	0	6.38	<13	PASS
		37	18	6.43	<13	PASS
		37	38	6.4	<13	PASS
		75	0	6.55	<13	PASS
	MCH	1	0	5.13	<13	PASS
		1	37	4.56	<13	PASS
		1	74	4.5	<13	PASS
		37	0	5.84	<13	PASS
		37	18	5.63	<13	PASS
		37	38	5.55	<13	PASS
		75	0	5.92	<13	PASS
	HCH	1	0	4.63	<13	PASS
		1	37	5.17	<13	PASS
		1	74	4.68	<13	PASS
		37	0	6.06	<13	PASS
		37	18	6.22	<13	PASS
		37	38	6.13	<13	PASS
		75	0	6.25	<13	PASS

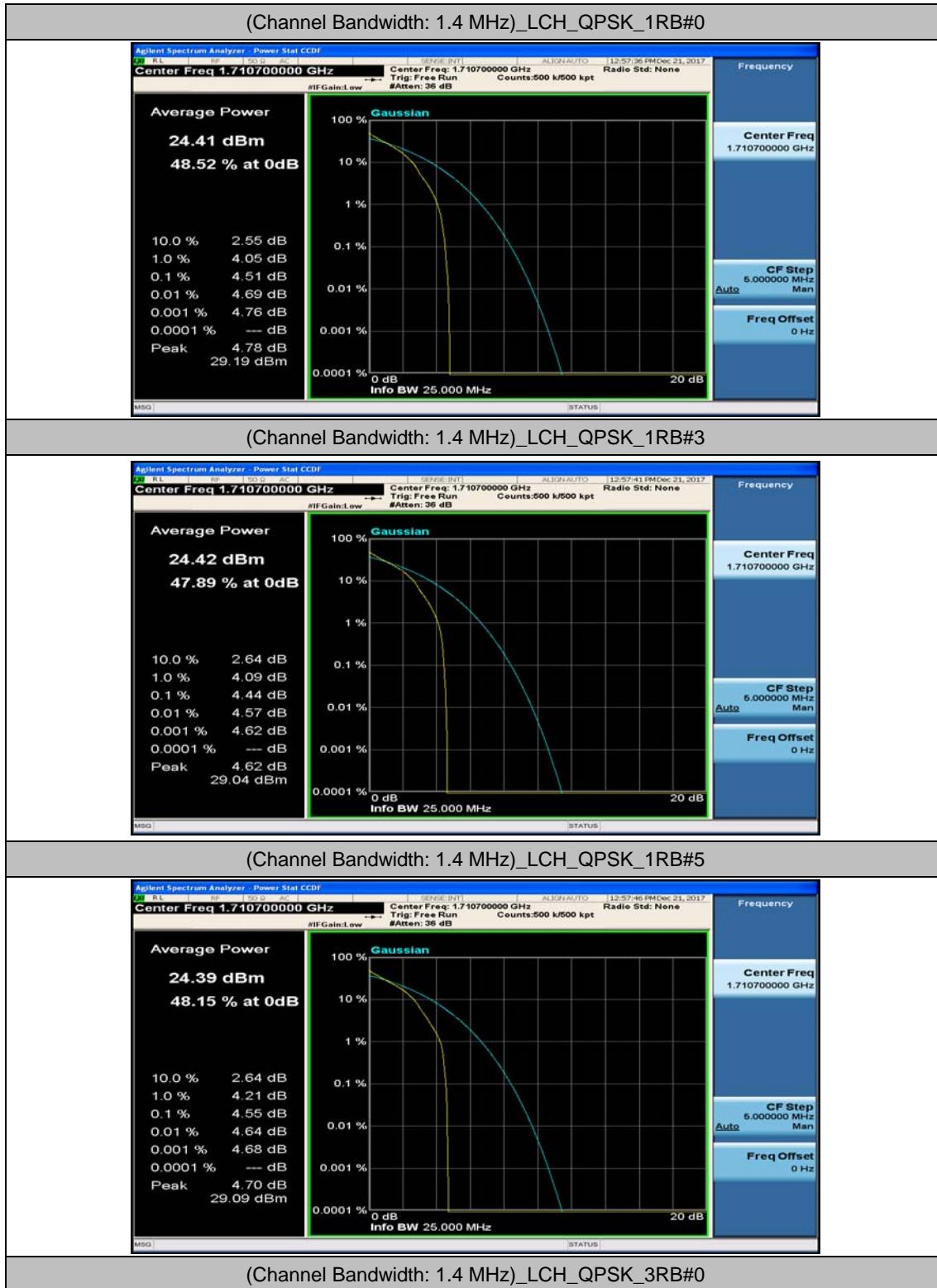
Channel Bandwidth: 20 MHz

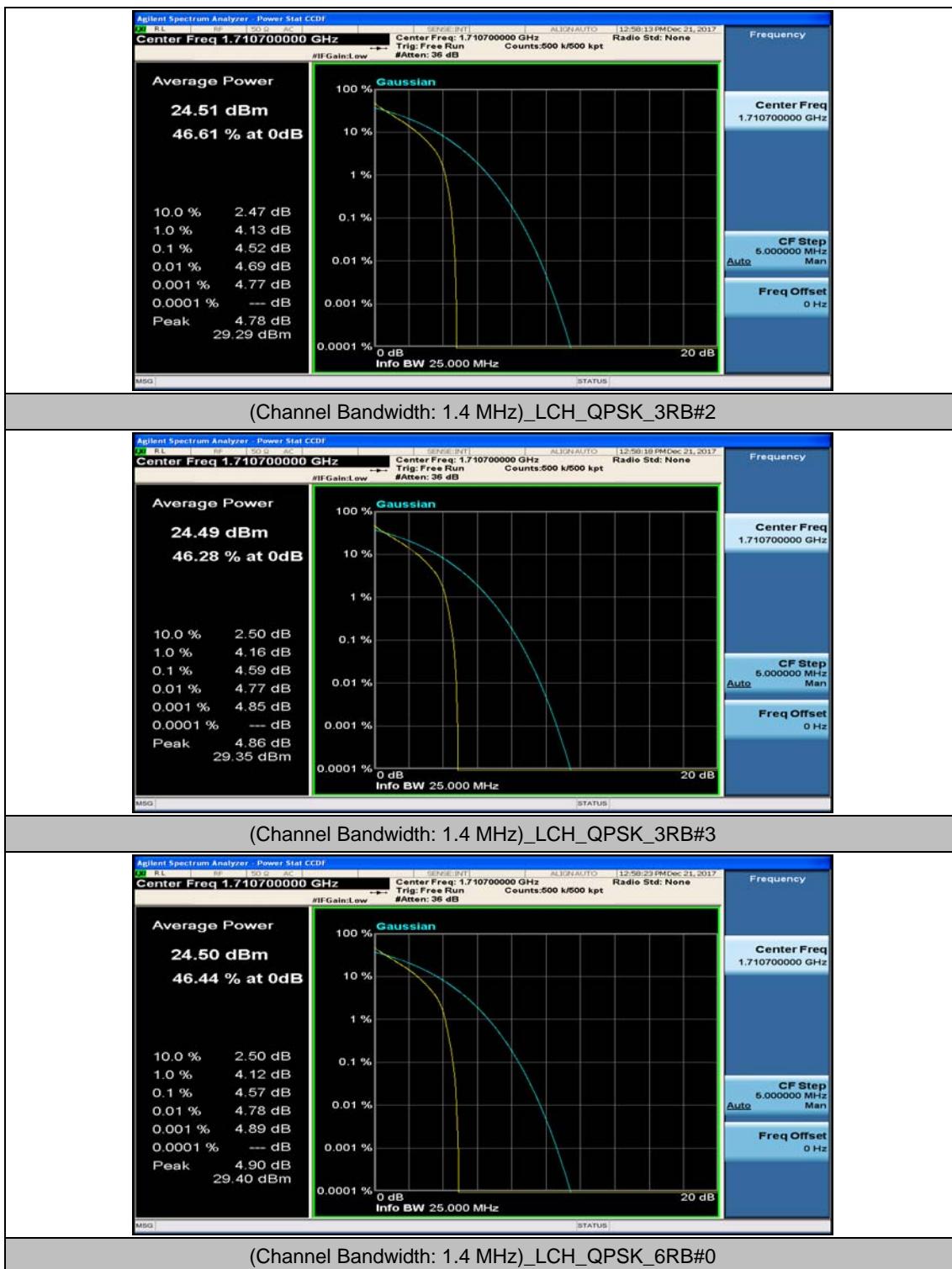
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.41	<13	PASS
		1	49	4.84	<13	PASS

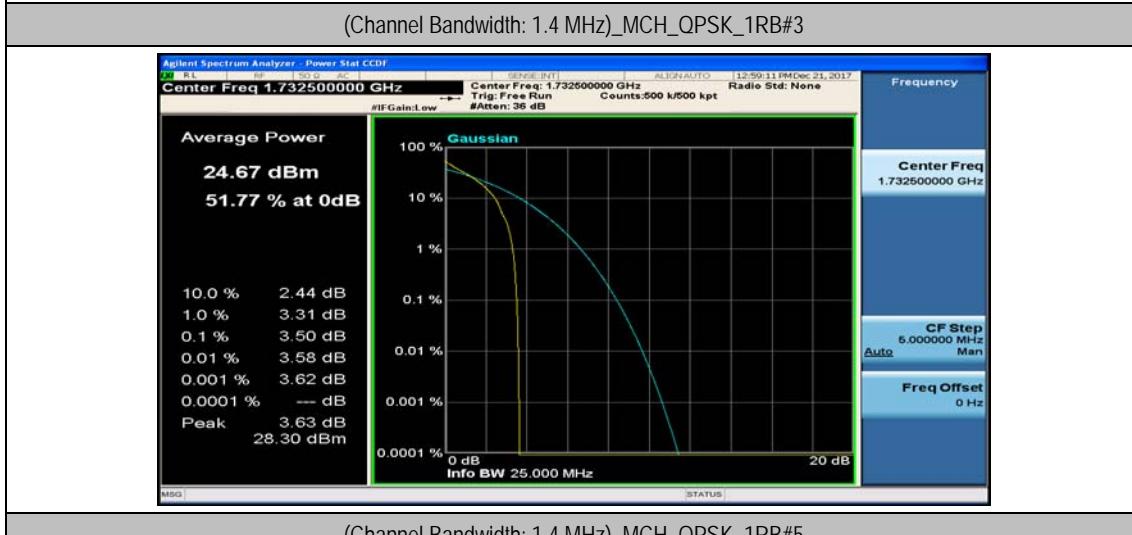
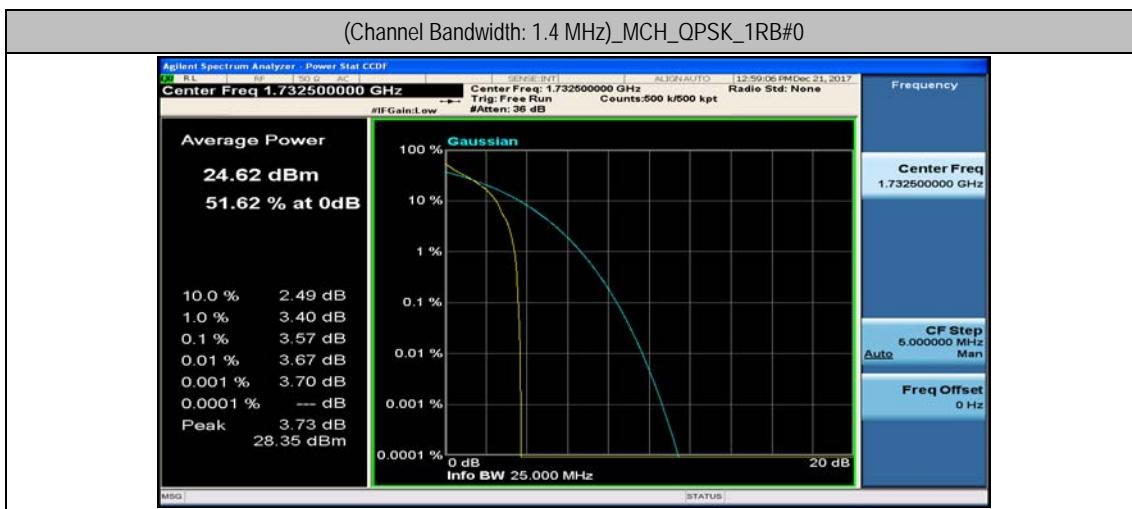
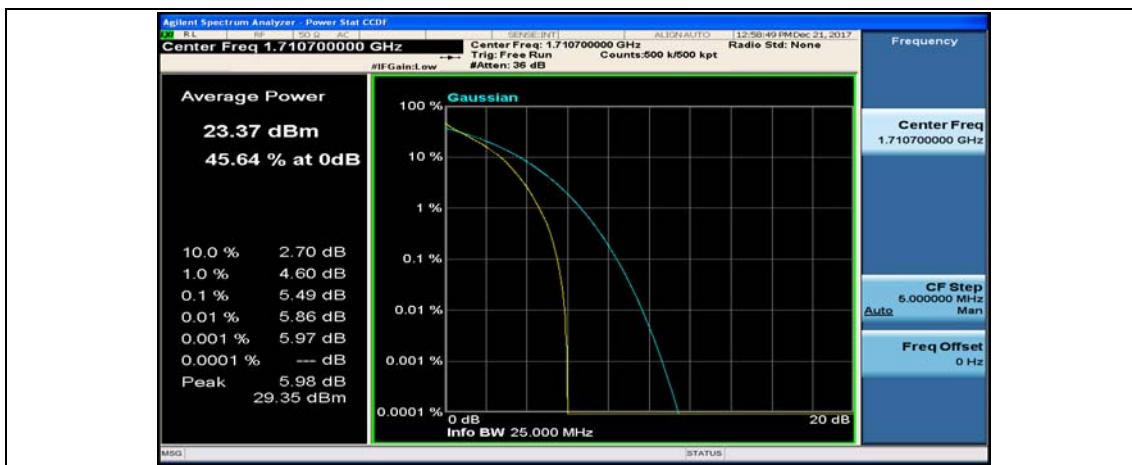
		1	99	3.92	<13	PASS
		50	0	5.62	<13	PASS
		50	25	5.62	<13	PASS
		50	50	5.4	<13	PASS
		100	0	5.62	<13	PASS
	MCH	1	0	4.65	<13	PASS
		1	49	3.59	<13	PASS
		1	99	3.78	<13	PASS
		50	0	5.14	<13	PASS
		50	25	4.86	<13	PASS
		50	50	4.81	<13	PASS
		100	0	5.21	<13	PASS
	HCH	1	0	3.54	<13	PASS
		1	49	4.14	<13	PASS
		1	99	3.77	<13	PASS
		50	0	5.04	<13	PASS
		50	25	5.32	<13	PASS
		50	50	5.35	<13	PASS
		100	0	5.45	<13	PASS
16QAM	LCH	1	0	5.05	<13	PASS
		1	49	5.49	<13	PASS
		1	99	4.73	<13	PASS
		50	0	6.49	<13	PASS
		50	25	6.41	<13	PASS
		50	50	6.25	<13	PASS
		100	0	6.37	<13	PASS
	MCH	1	0	5.51	<13	PASS
		1	49	4.39	<13	PASS
		1	99	4.56	<13	PASS
		50	0	6	<13	PASS
		50	25	5.68	<13	PASS
		50	50	5.68	<13	PASS
		100	0	6.03	<13	PASS
	HCH	1	0	4.35	<13	PASS
		1	49	4.87	<13	PASS
		1	99	4.58	<13	PASS
		50	0	5.86	<13	PASS
		50	25	6.14	<13	PASS
		50	50	6.15	<13	PASS
		100	0	6.22	<13	PASS

Test Graphs

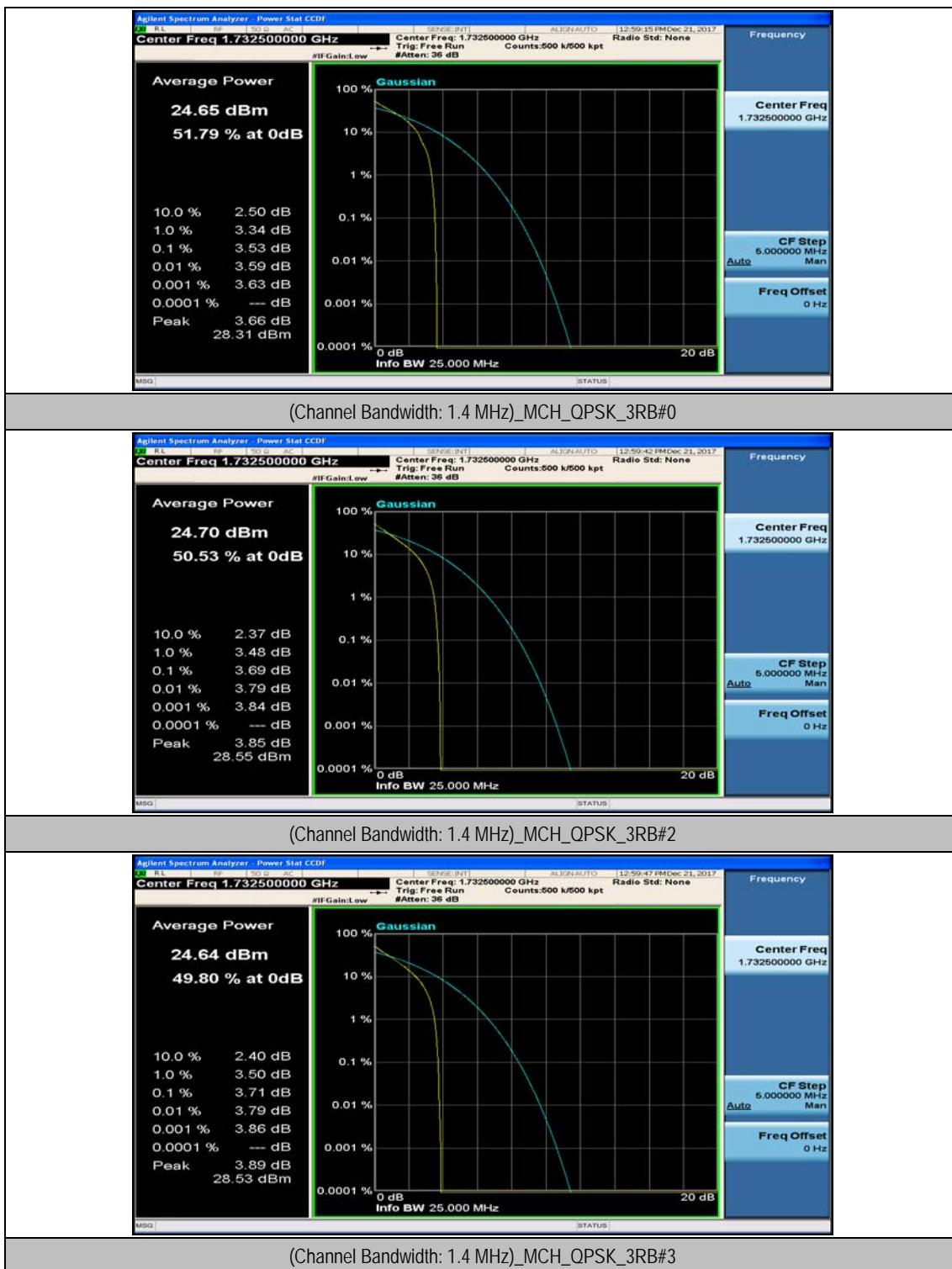
Channel Bandwidth: 1.4 MHz

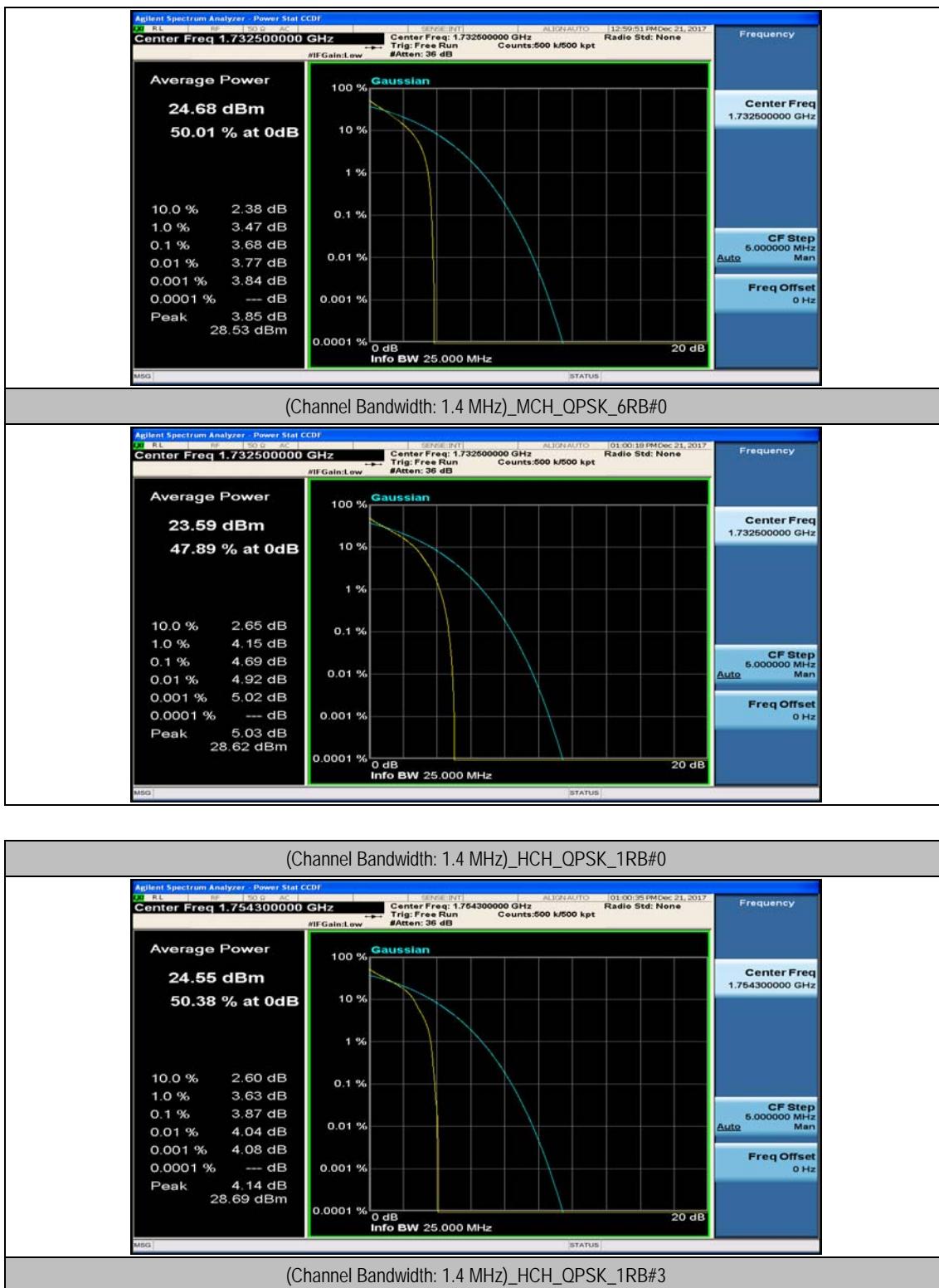


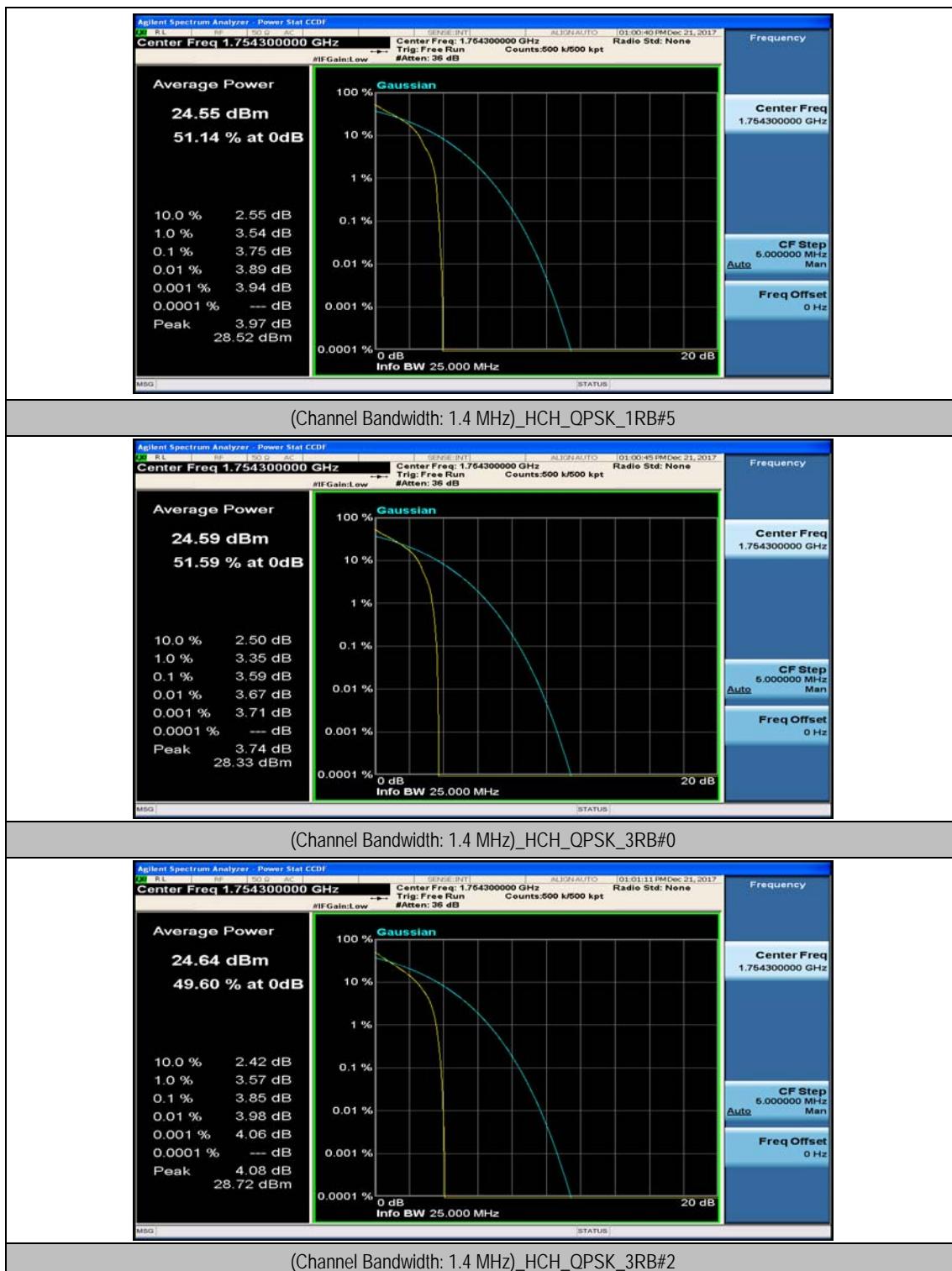


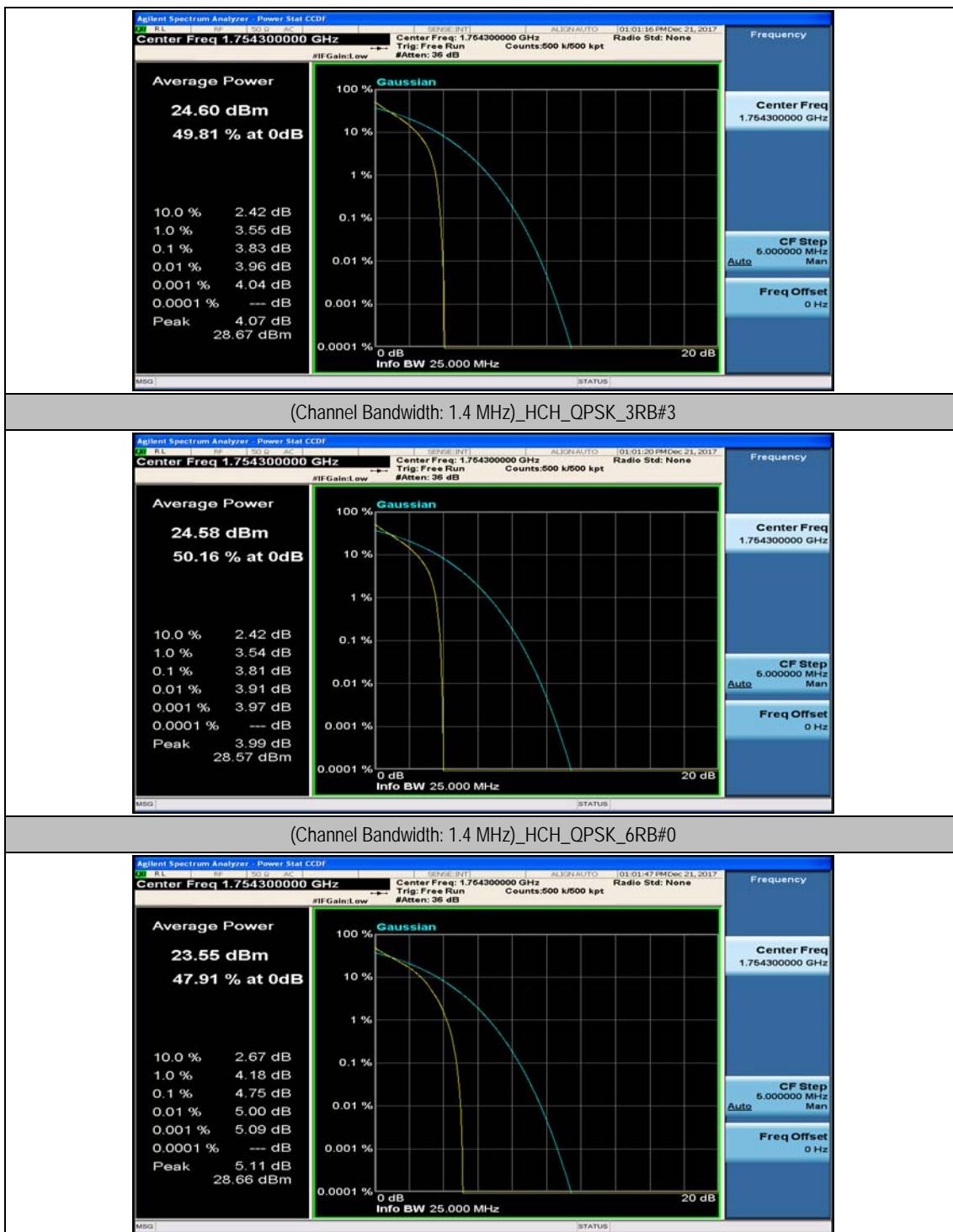


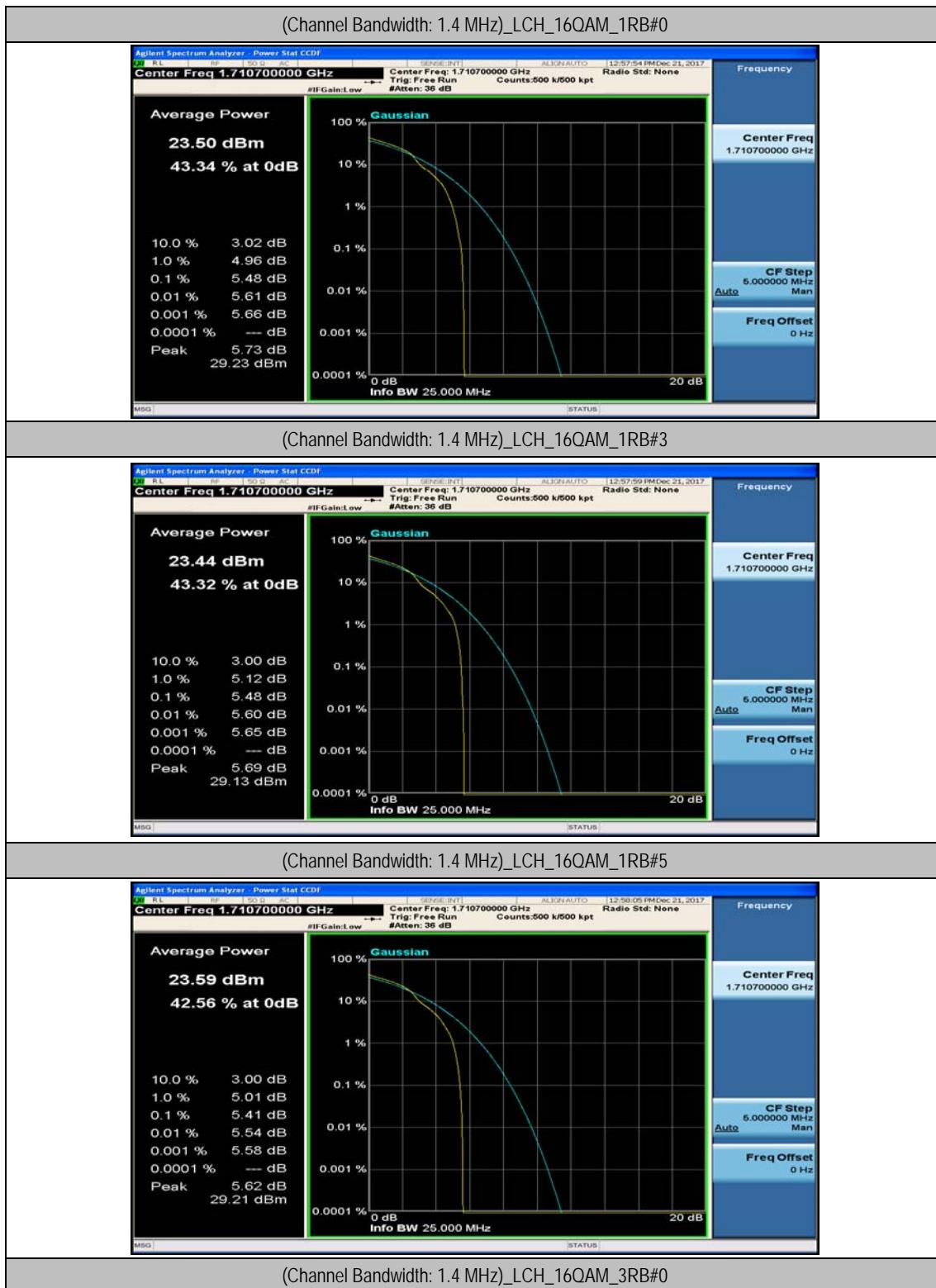
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5

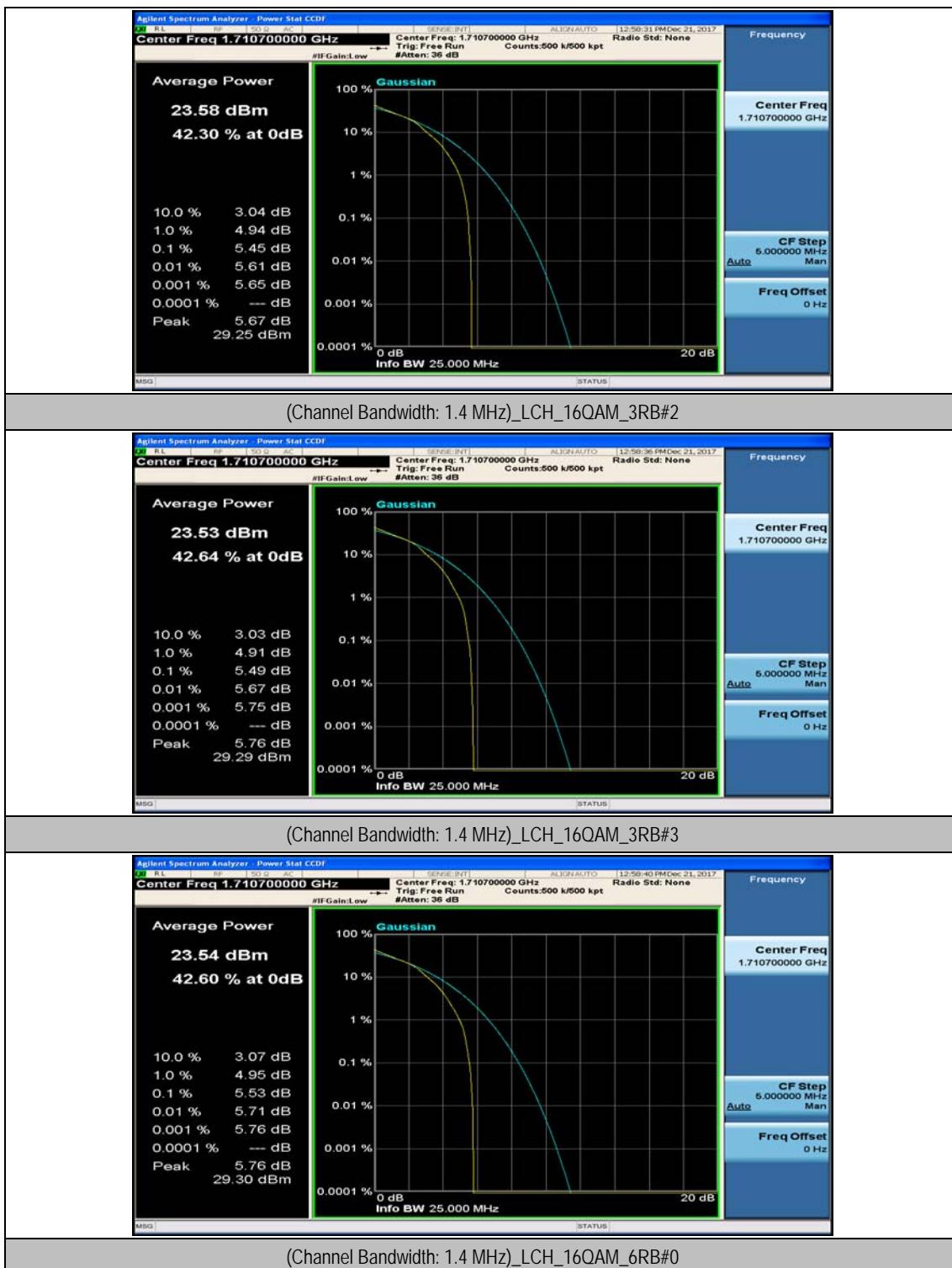




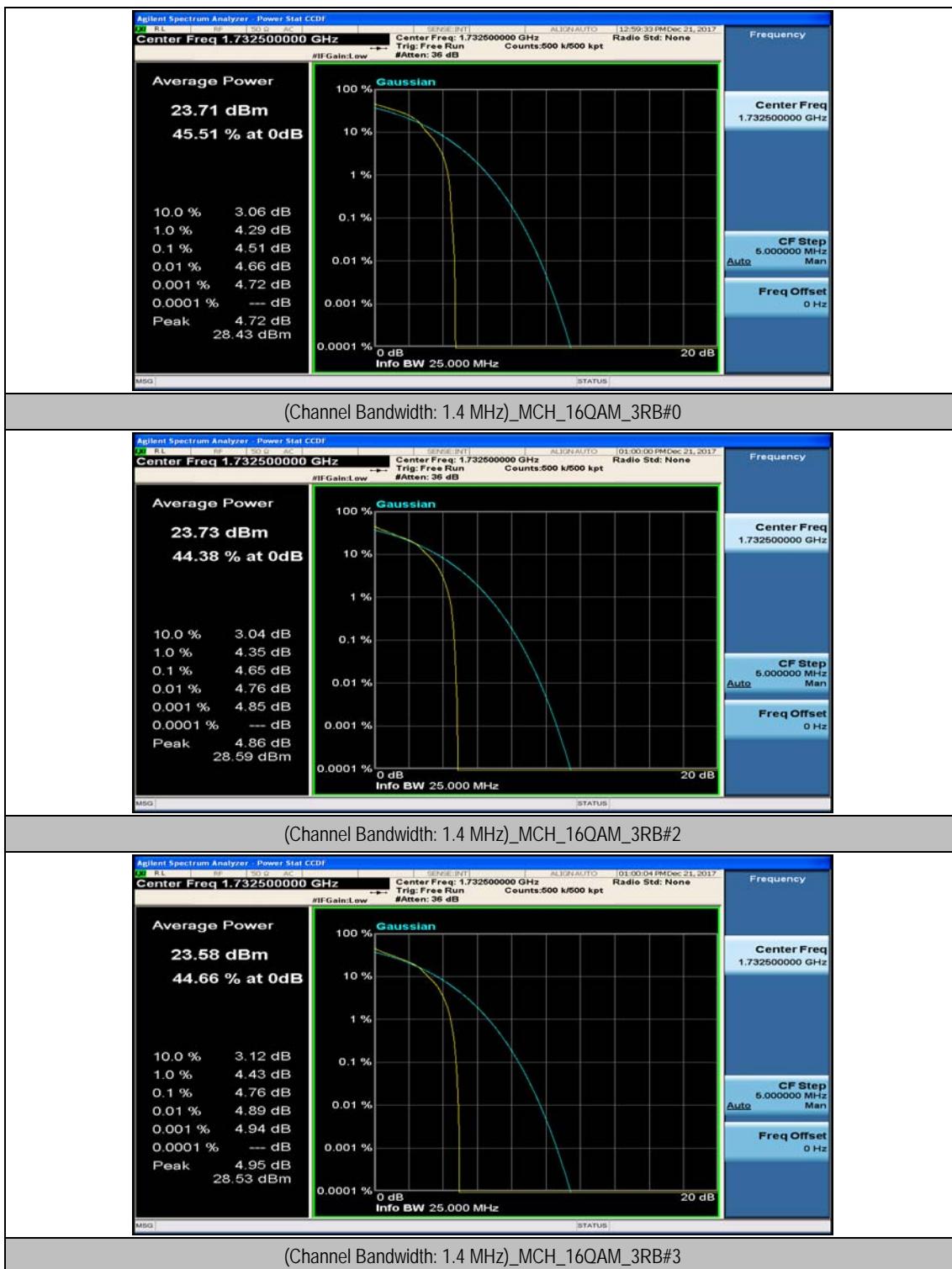


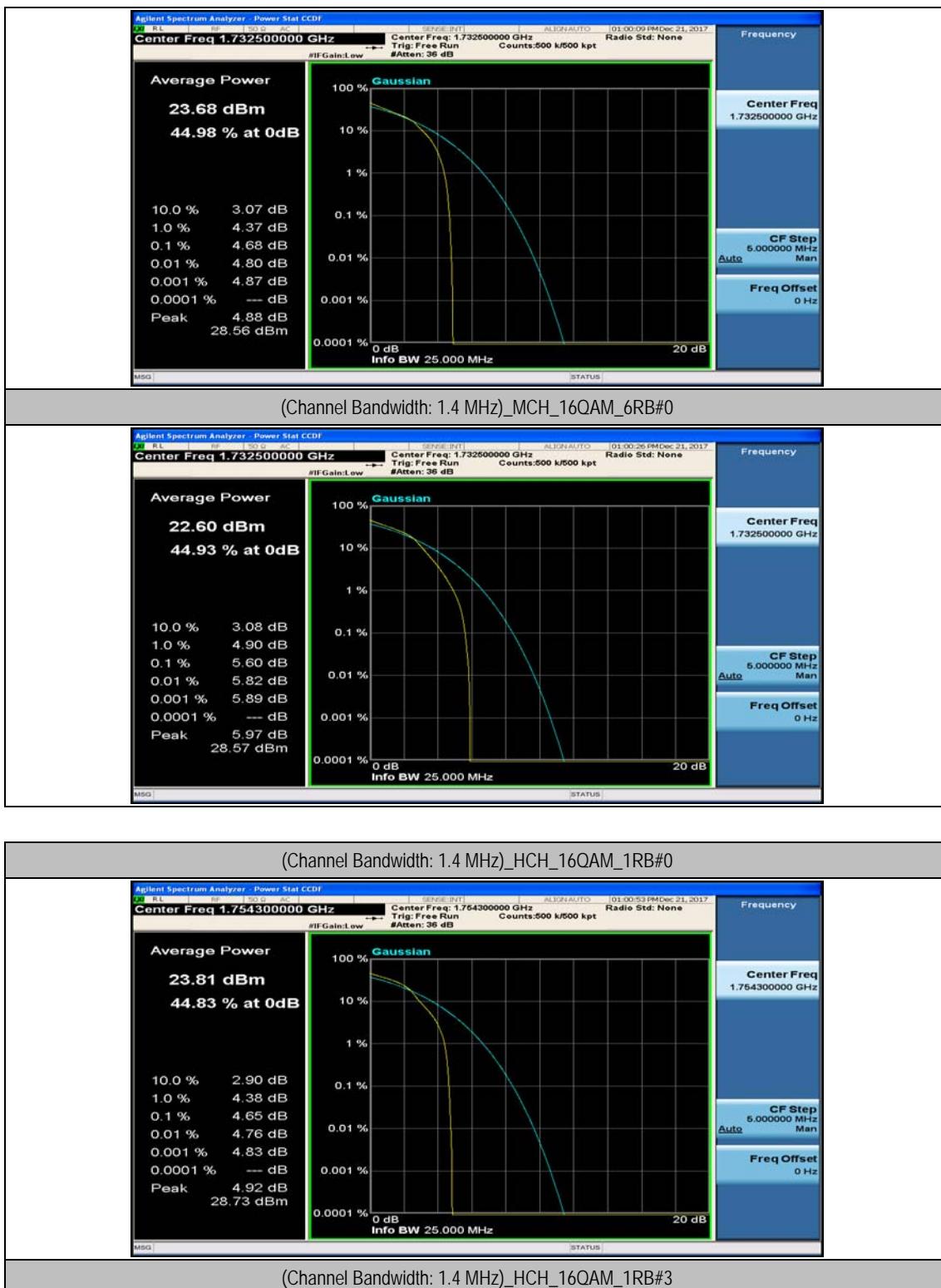


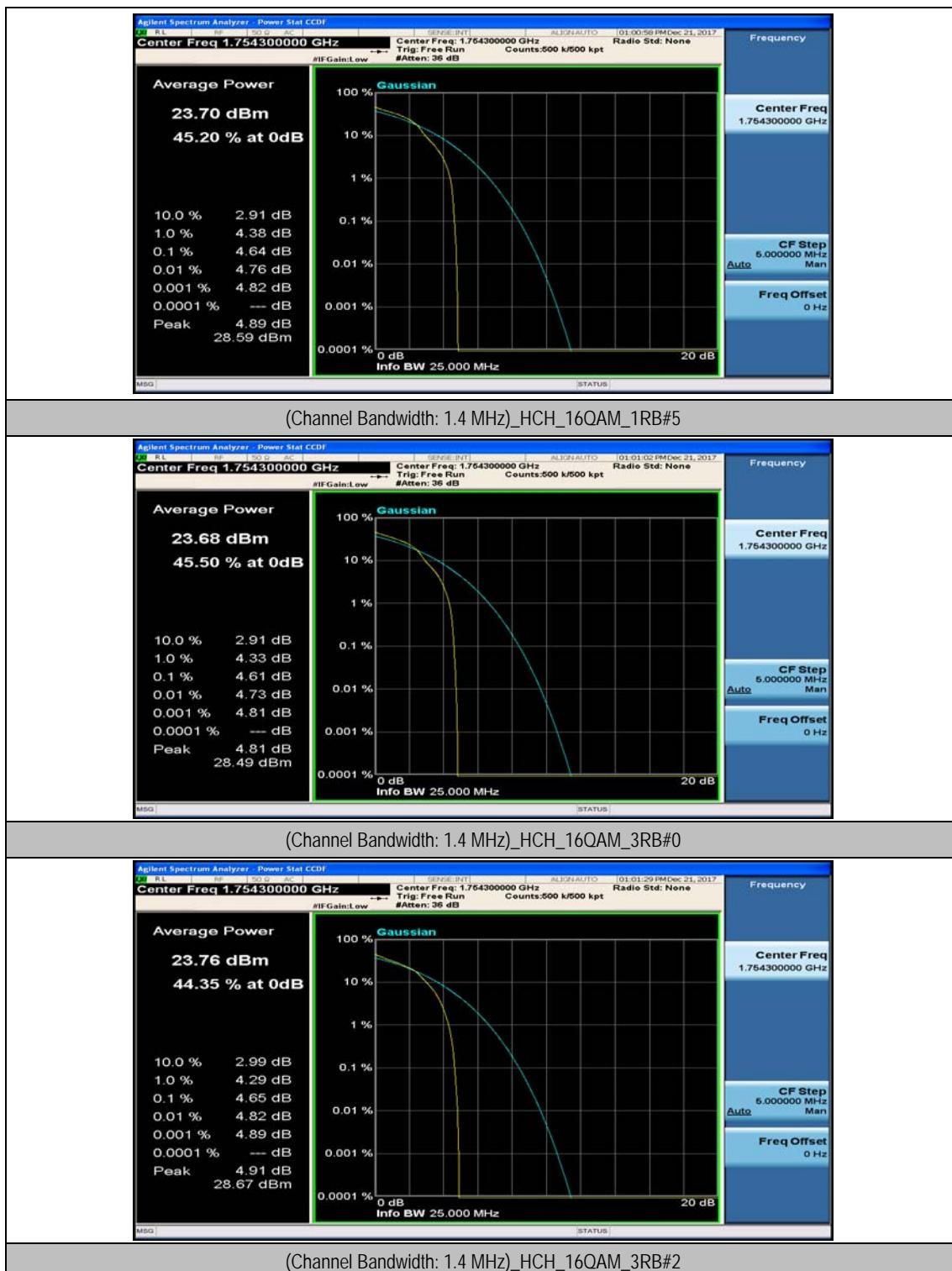


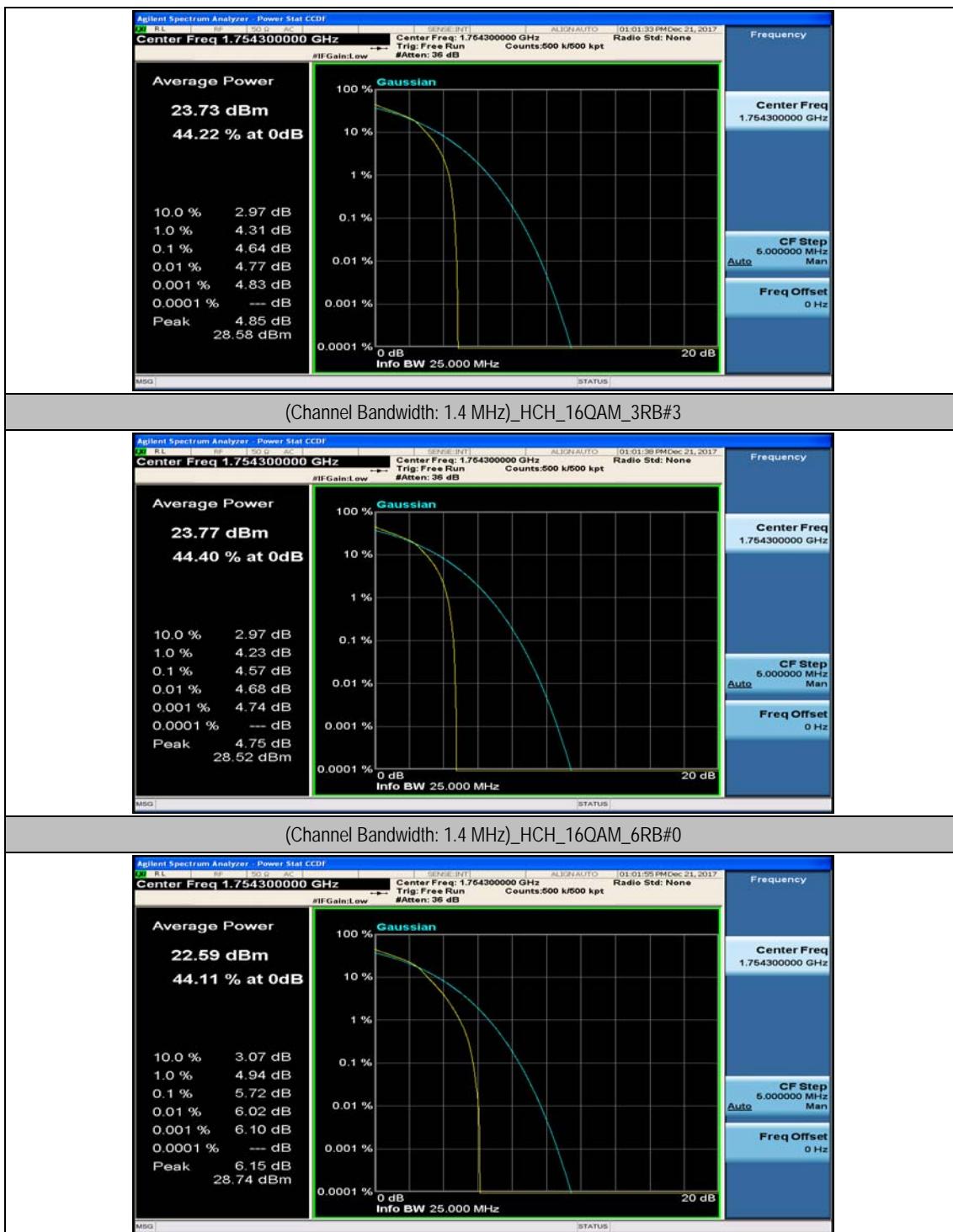




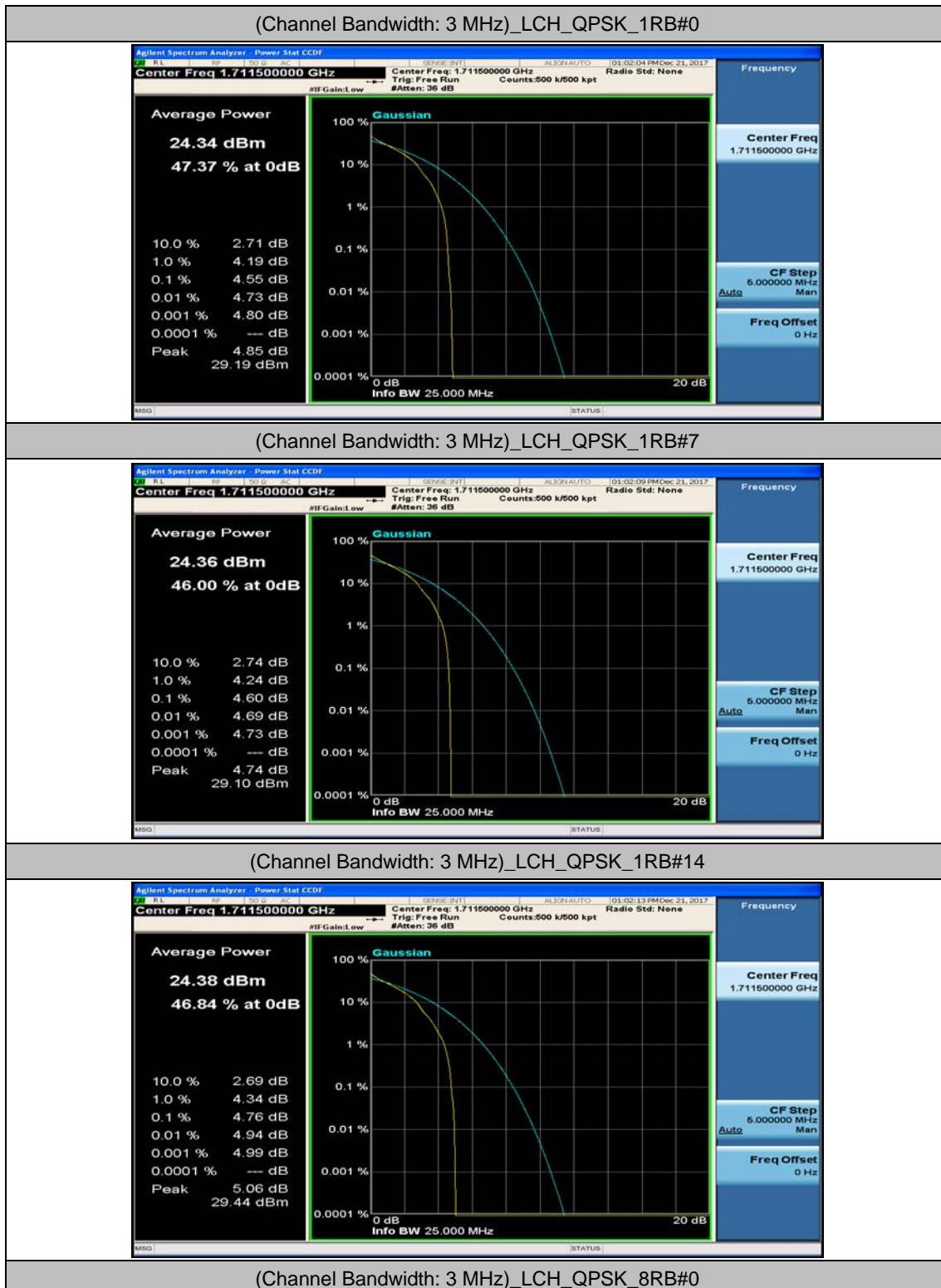


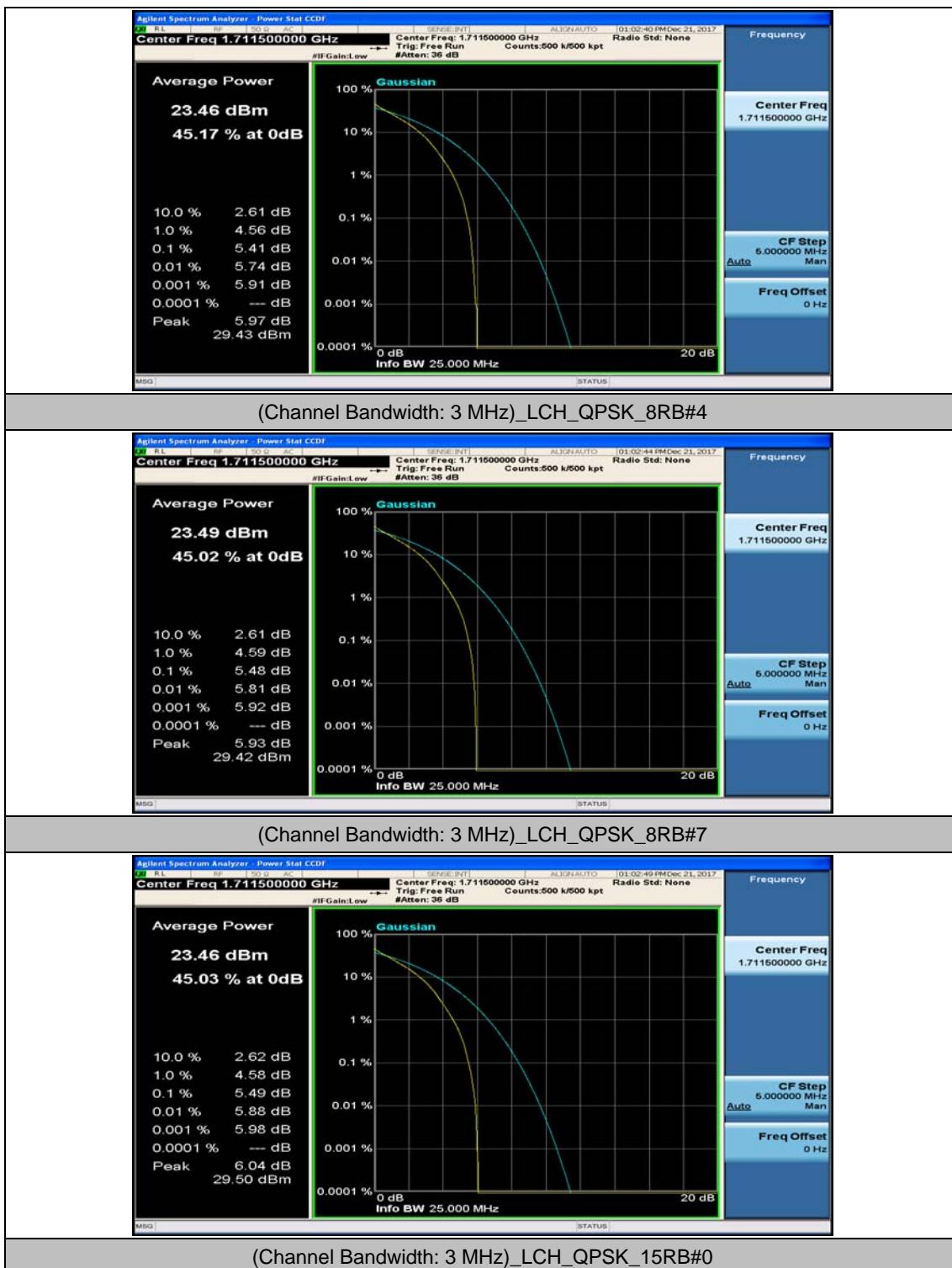


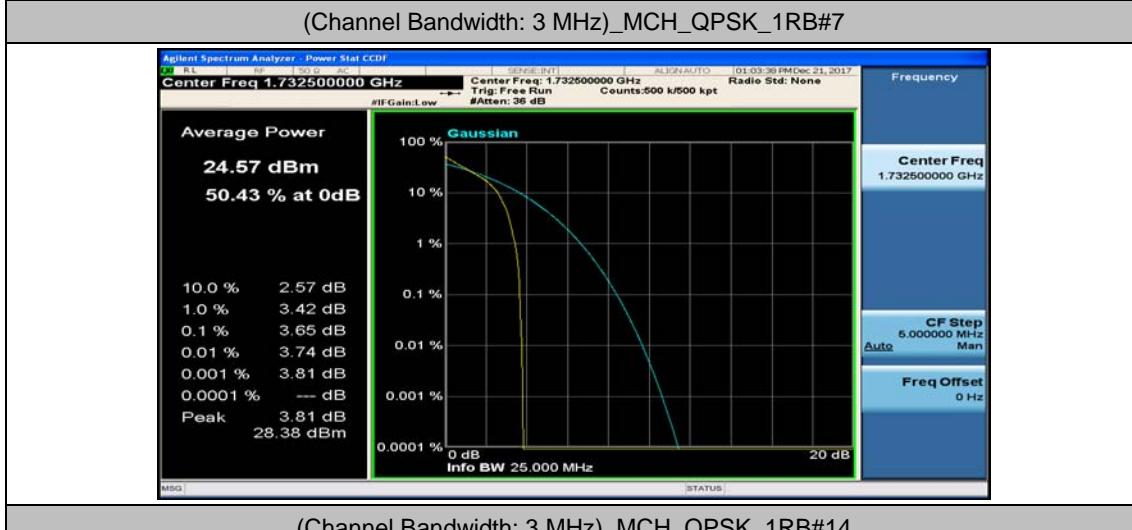
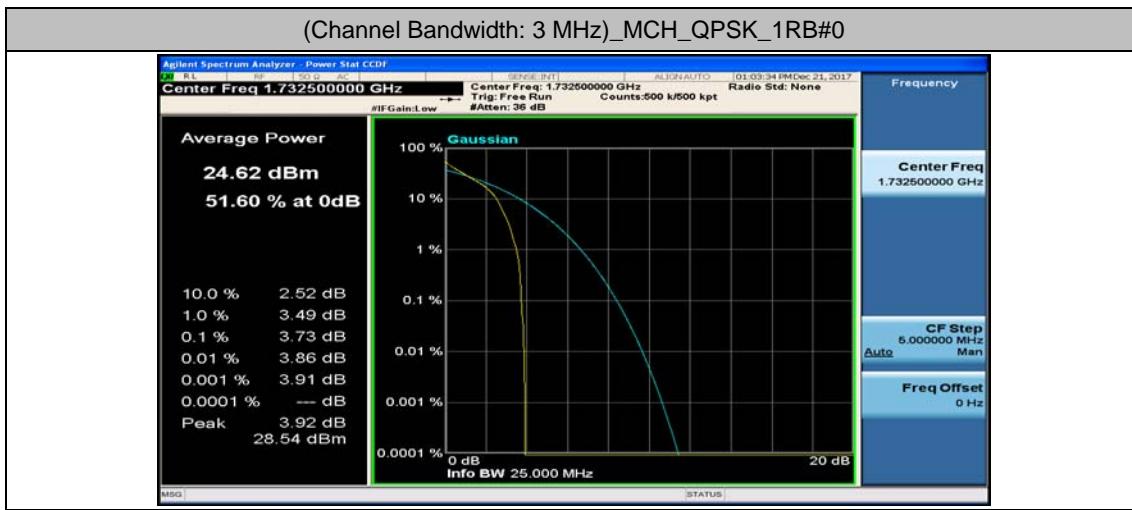
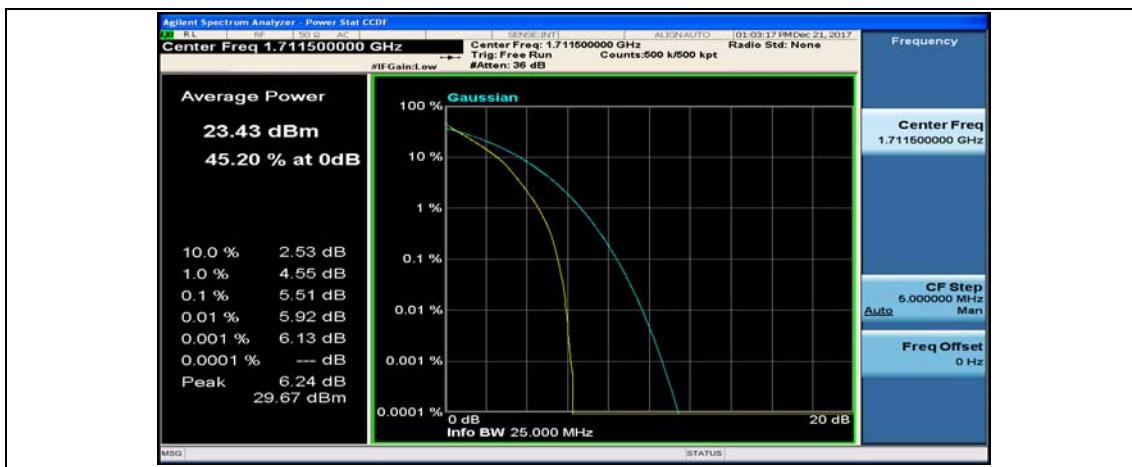




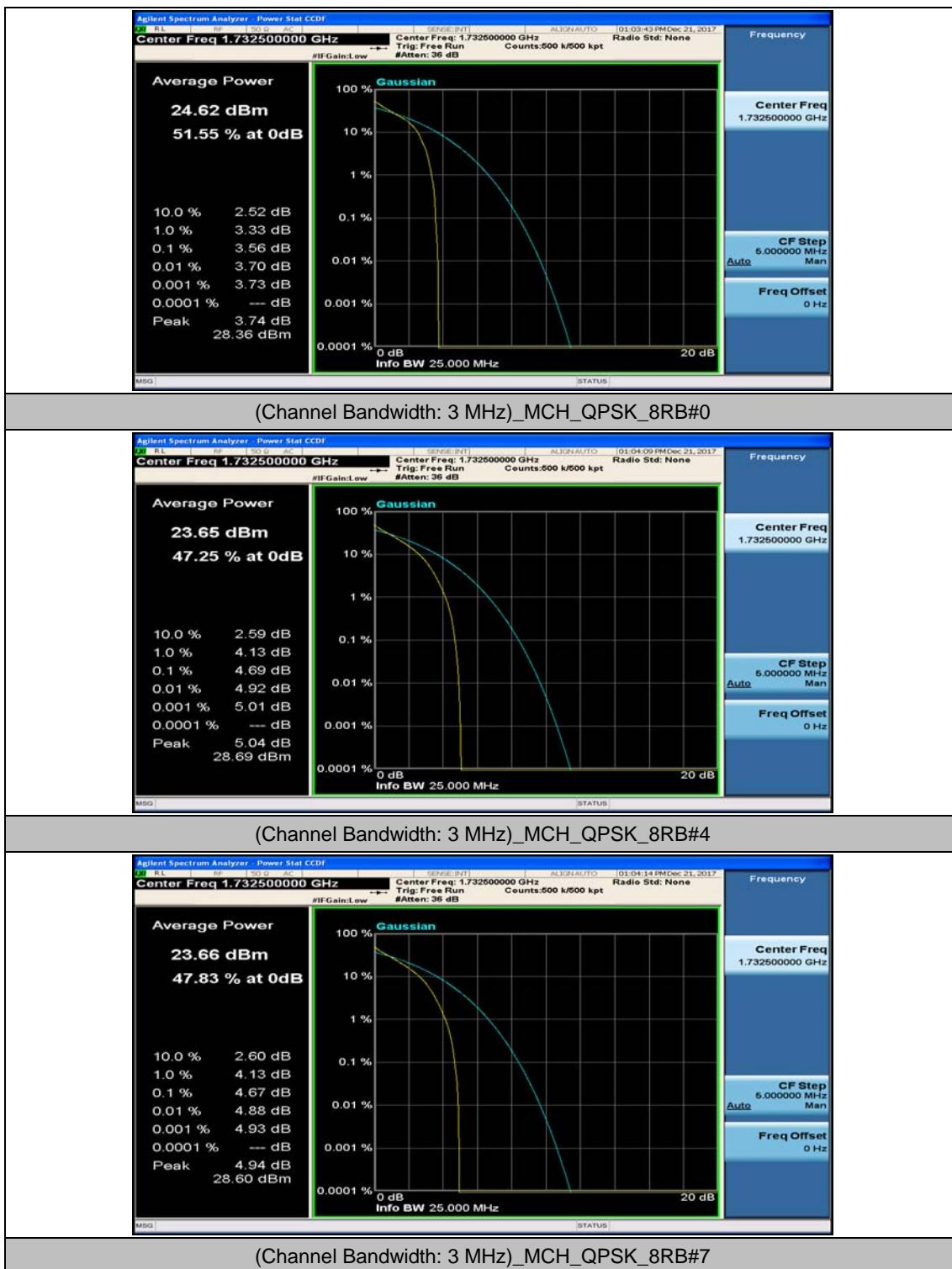
Channel Bandwidth: 3 MHz

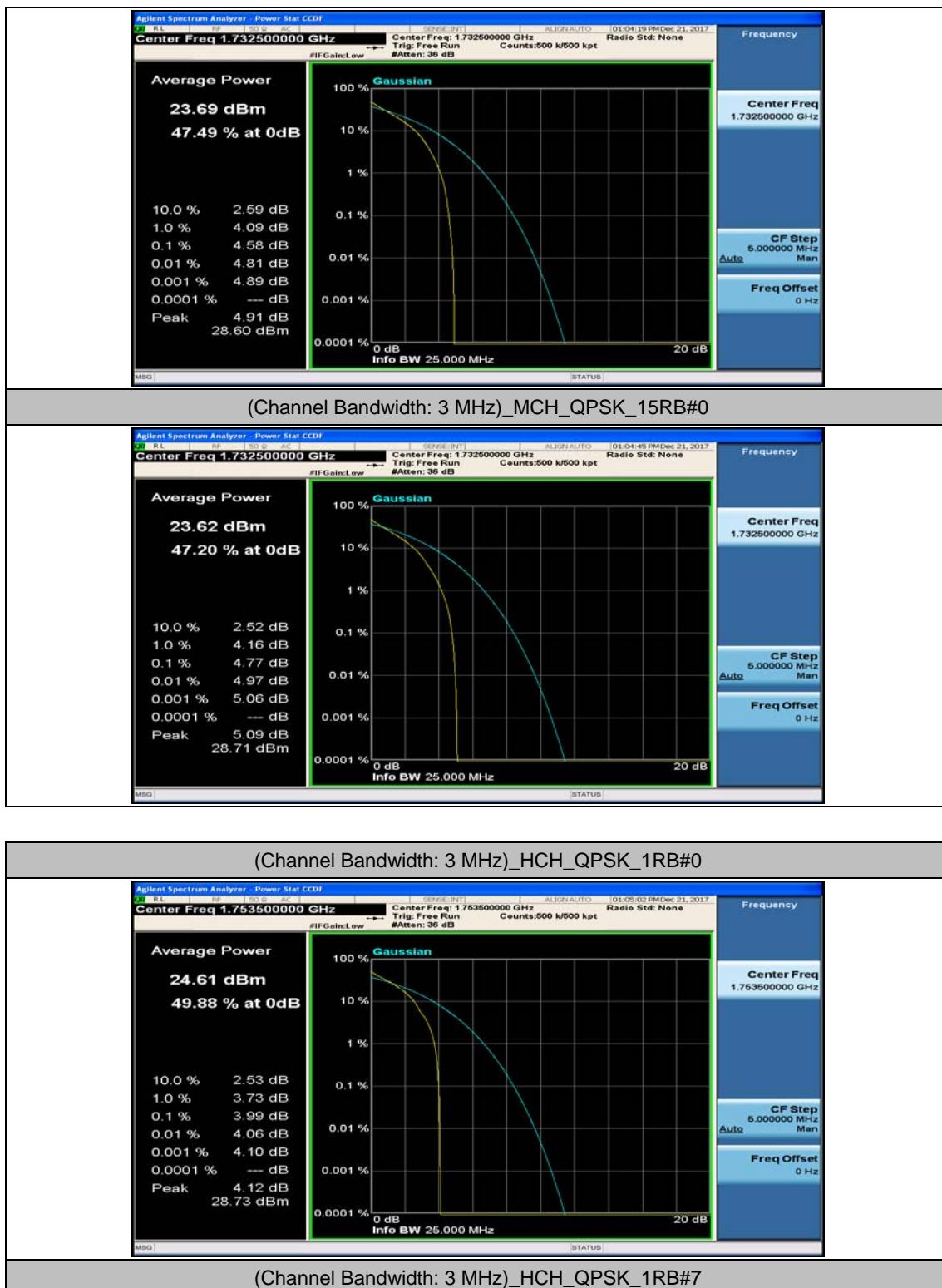


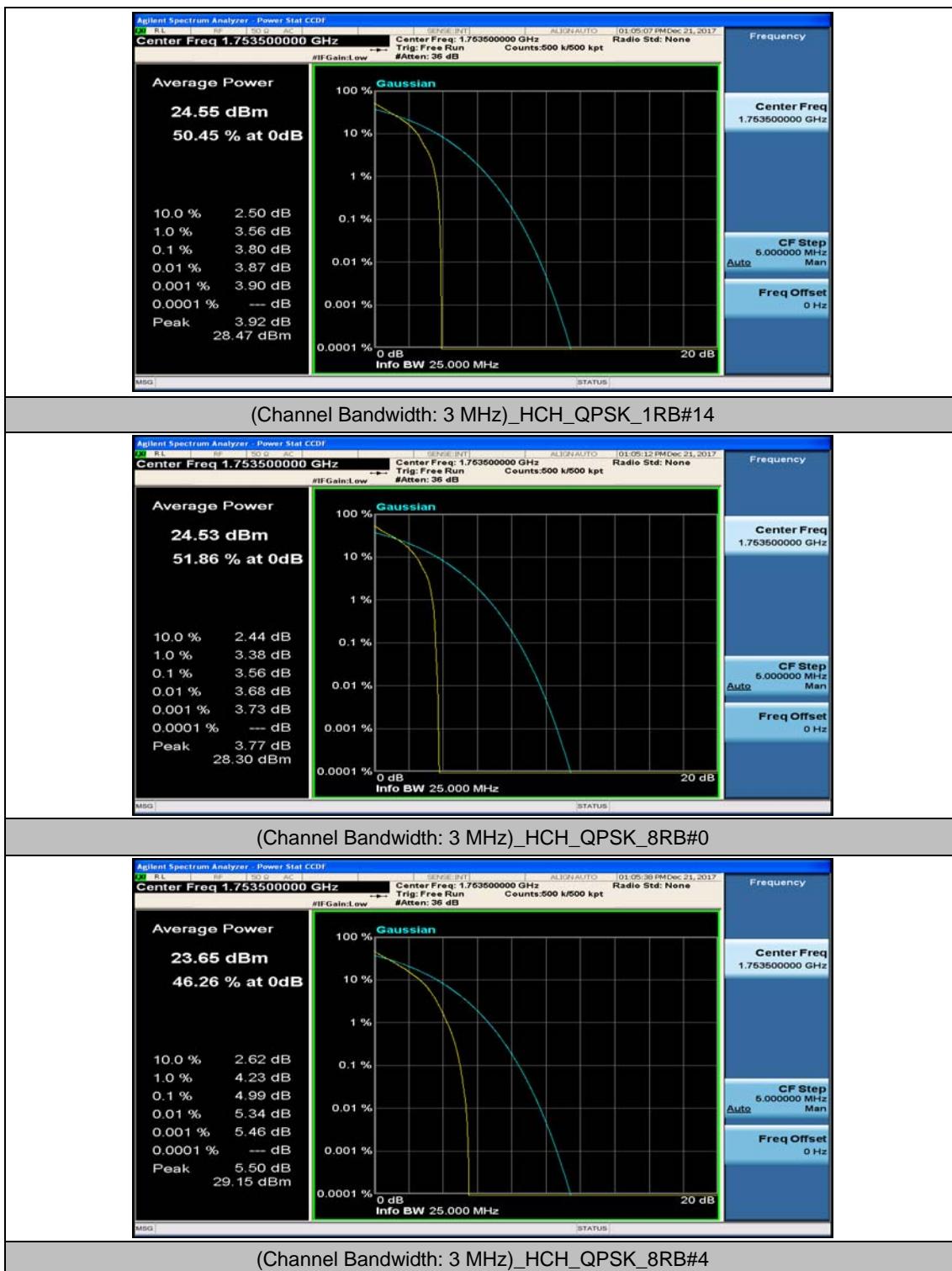


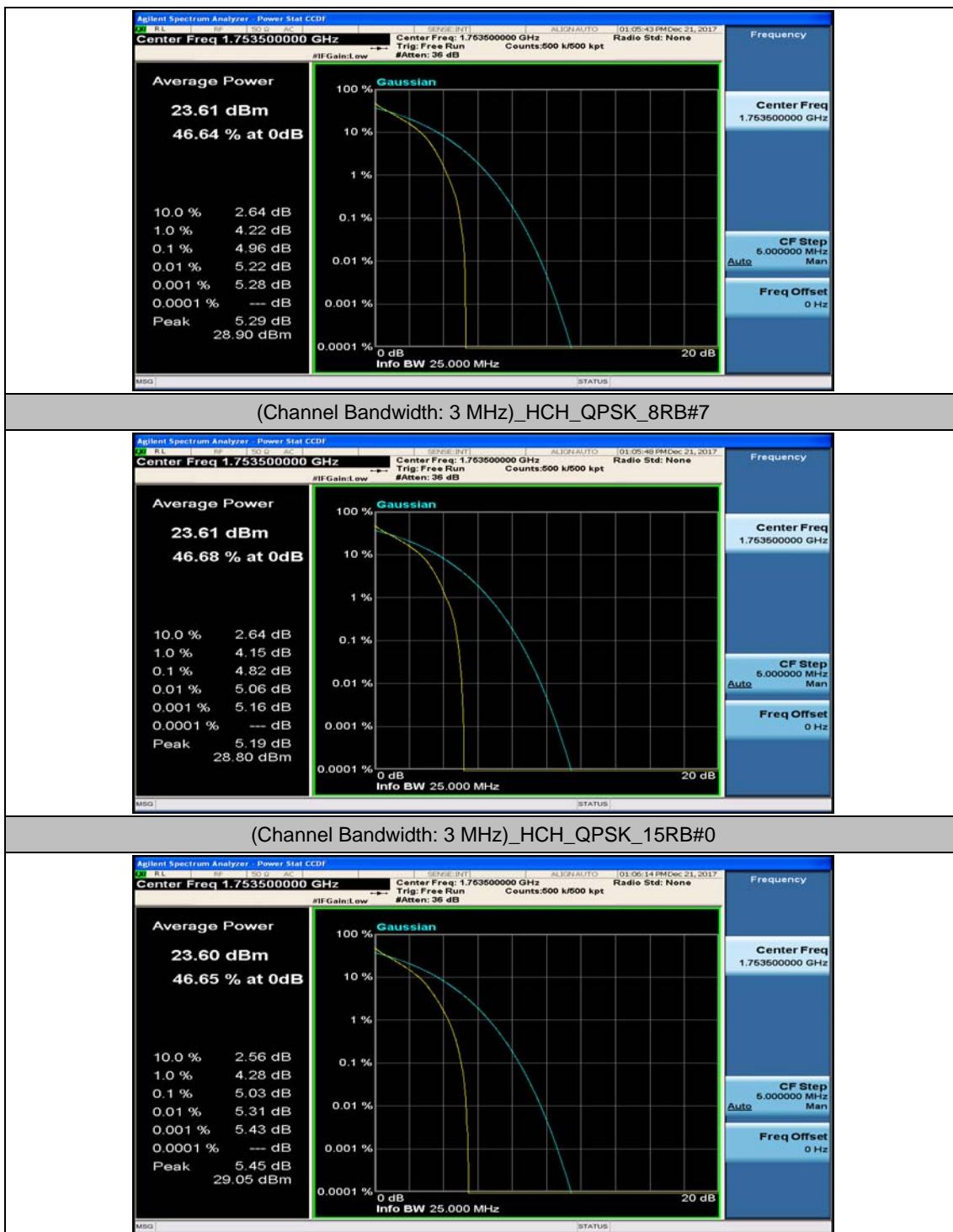


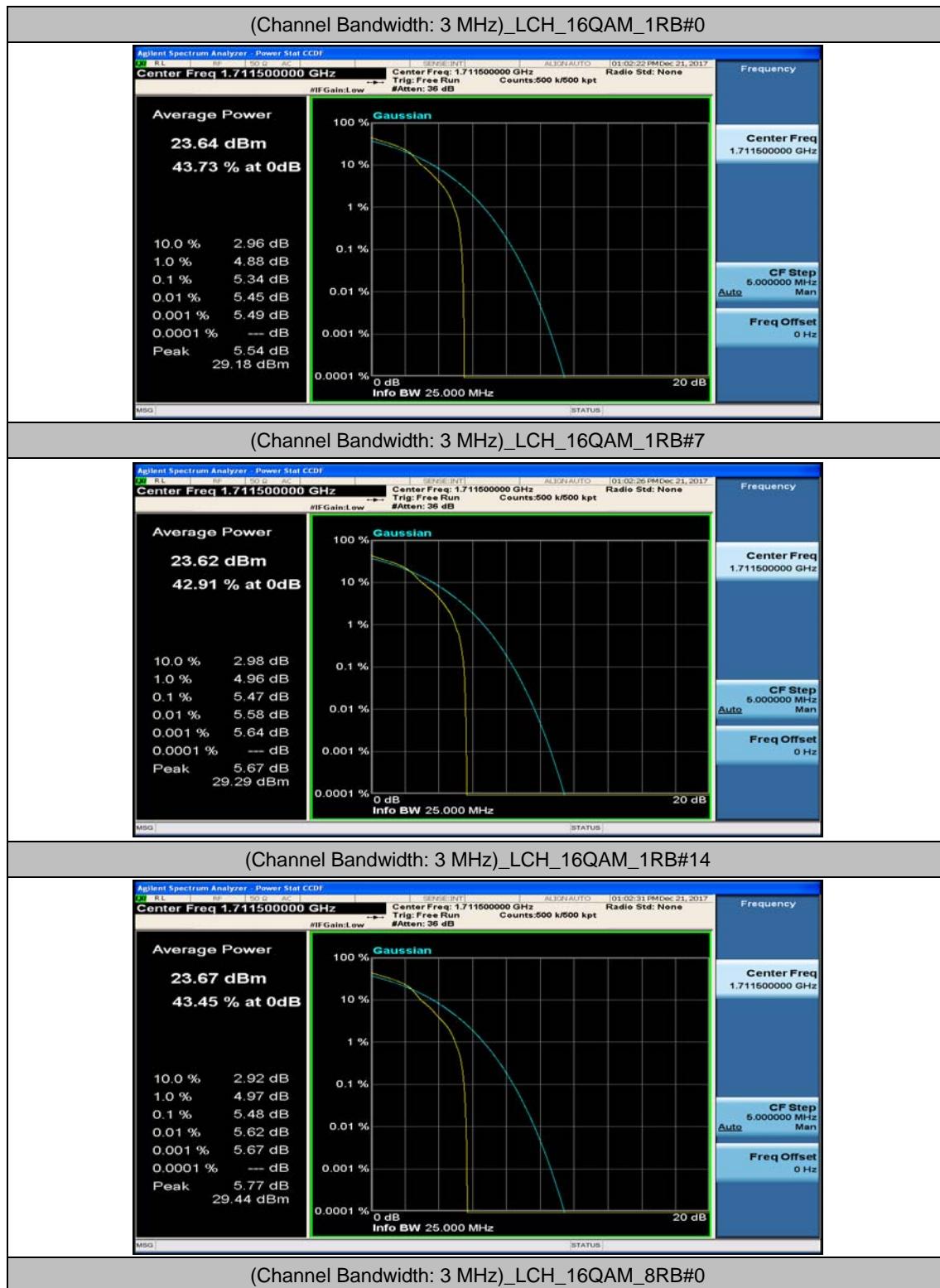
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14

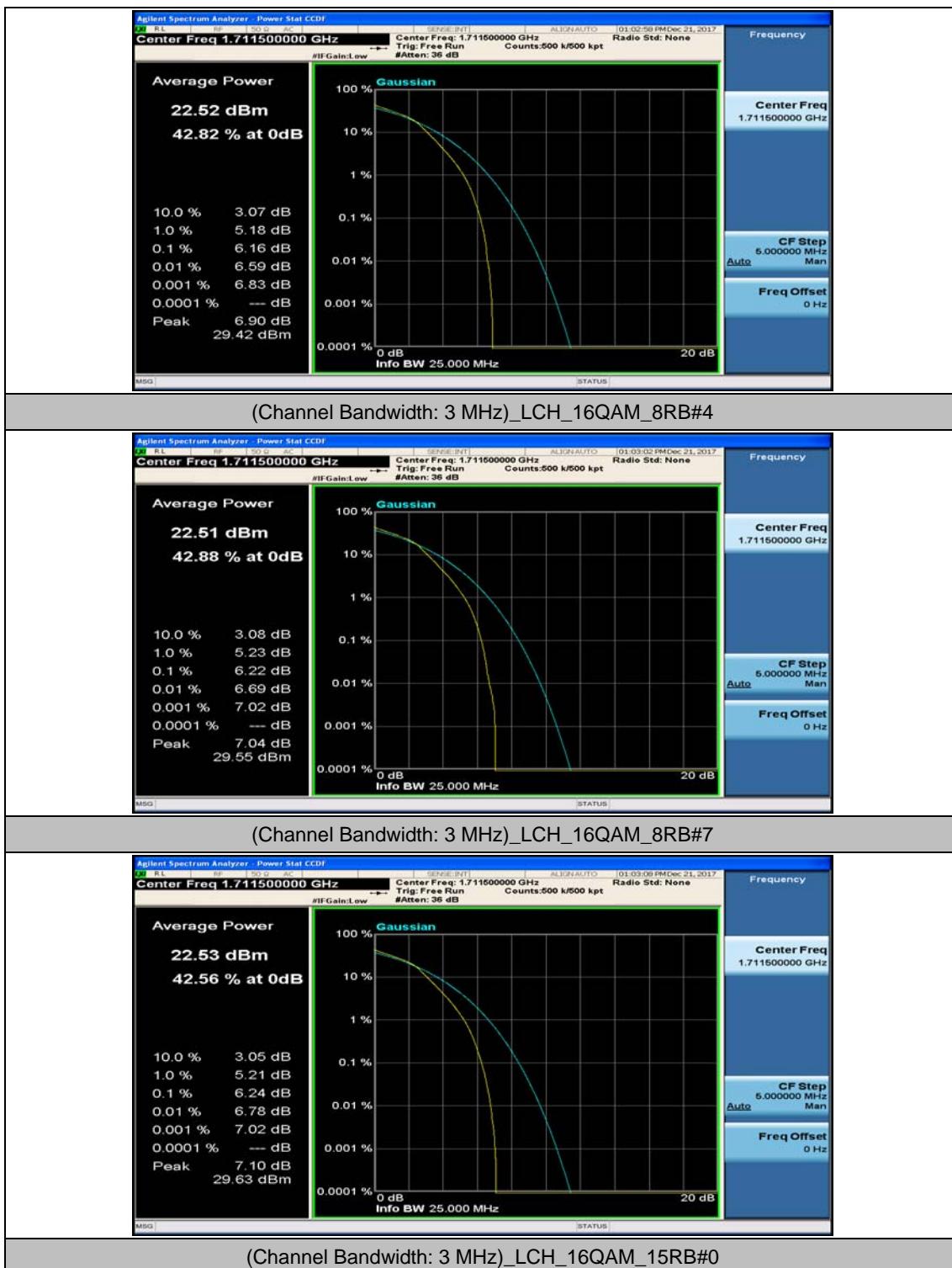


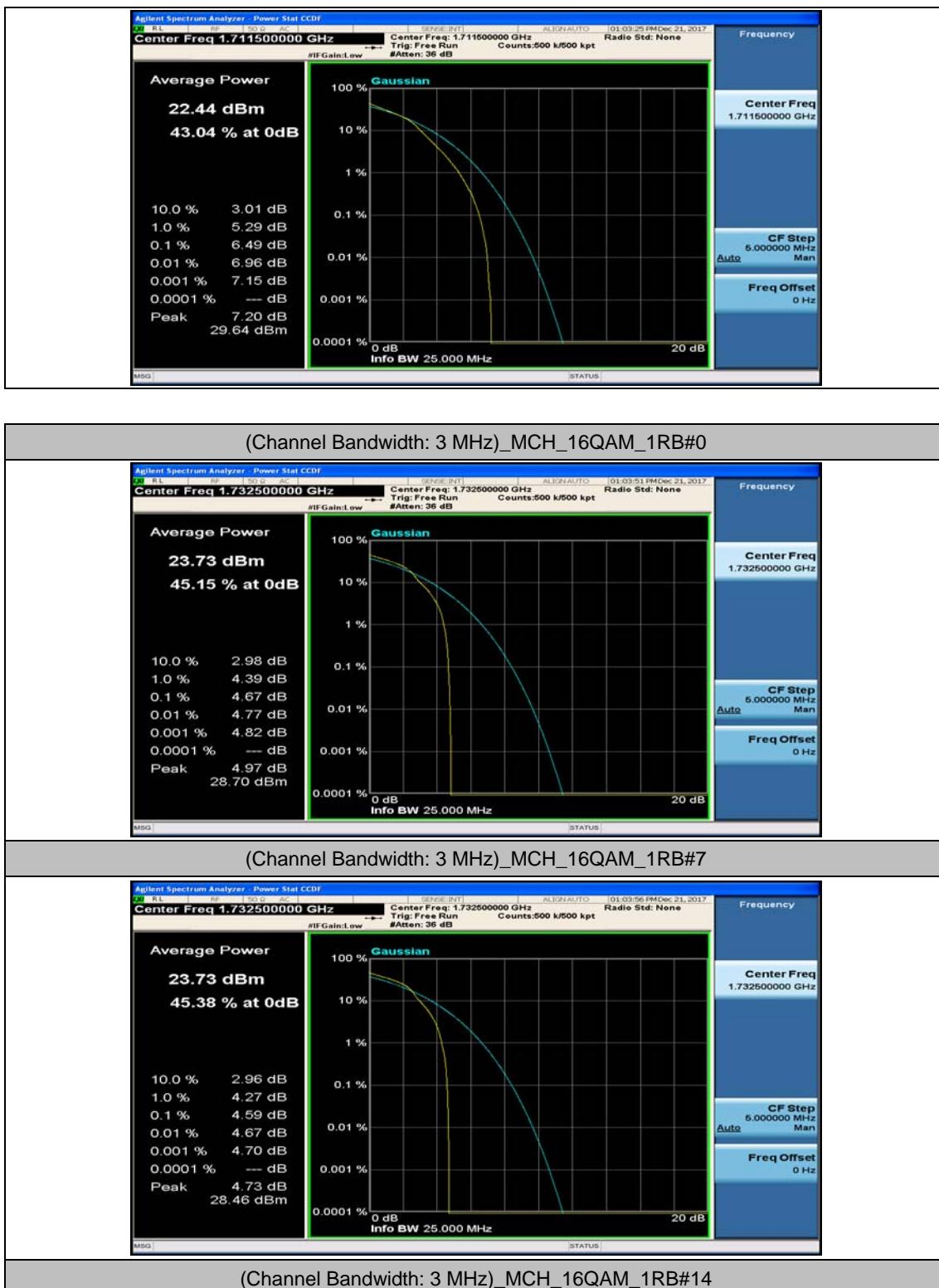


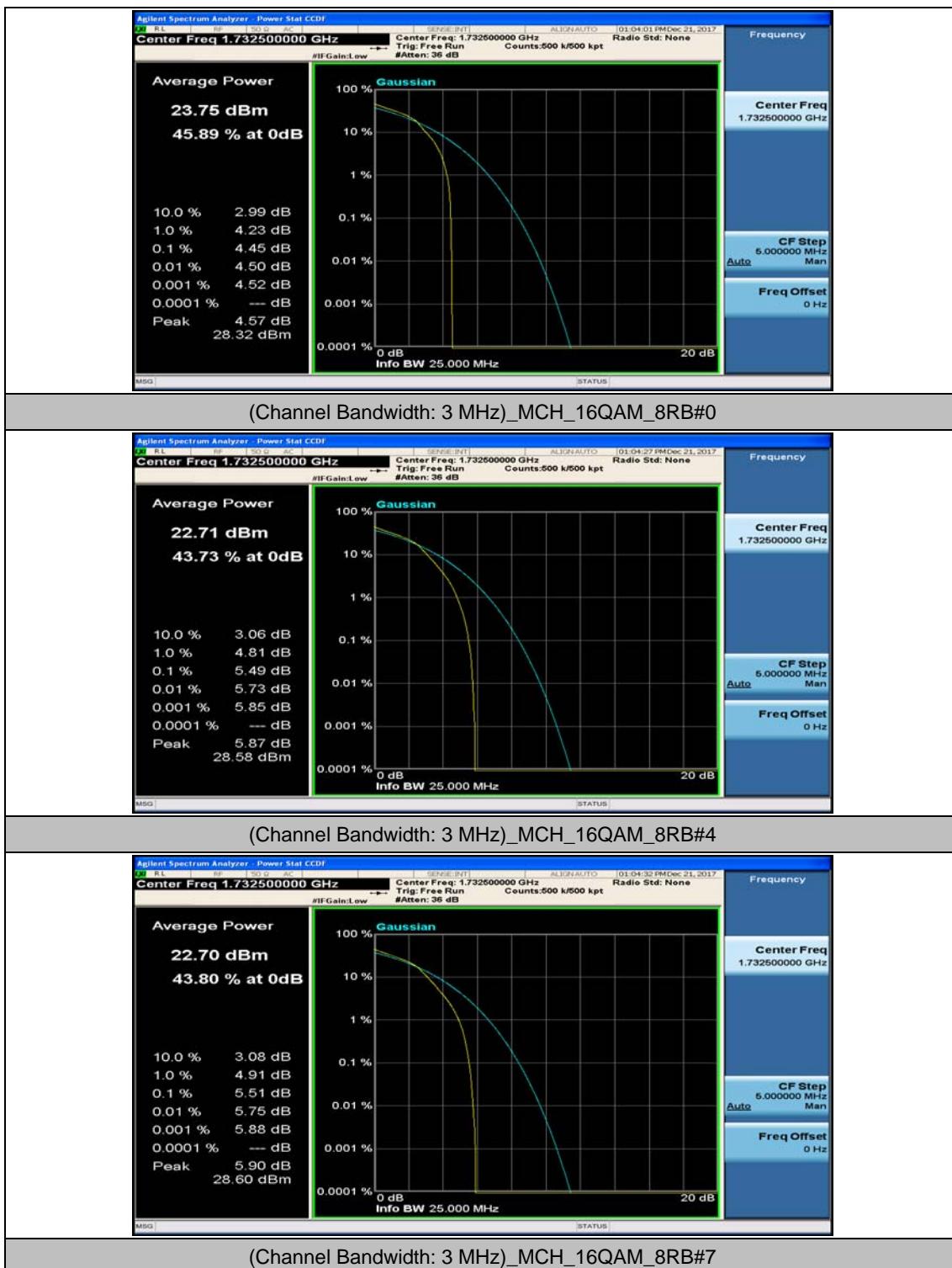


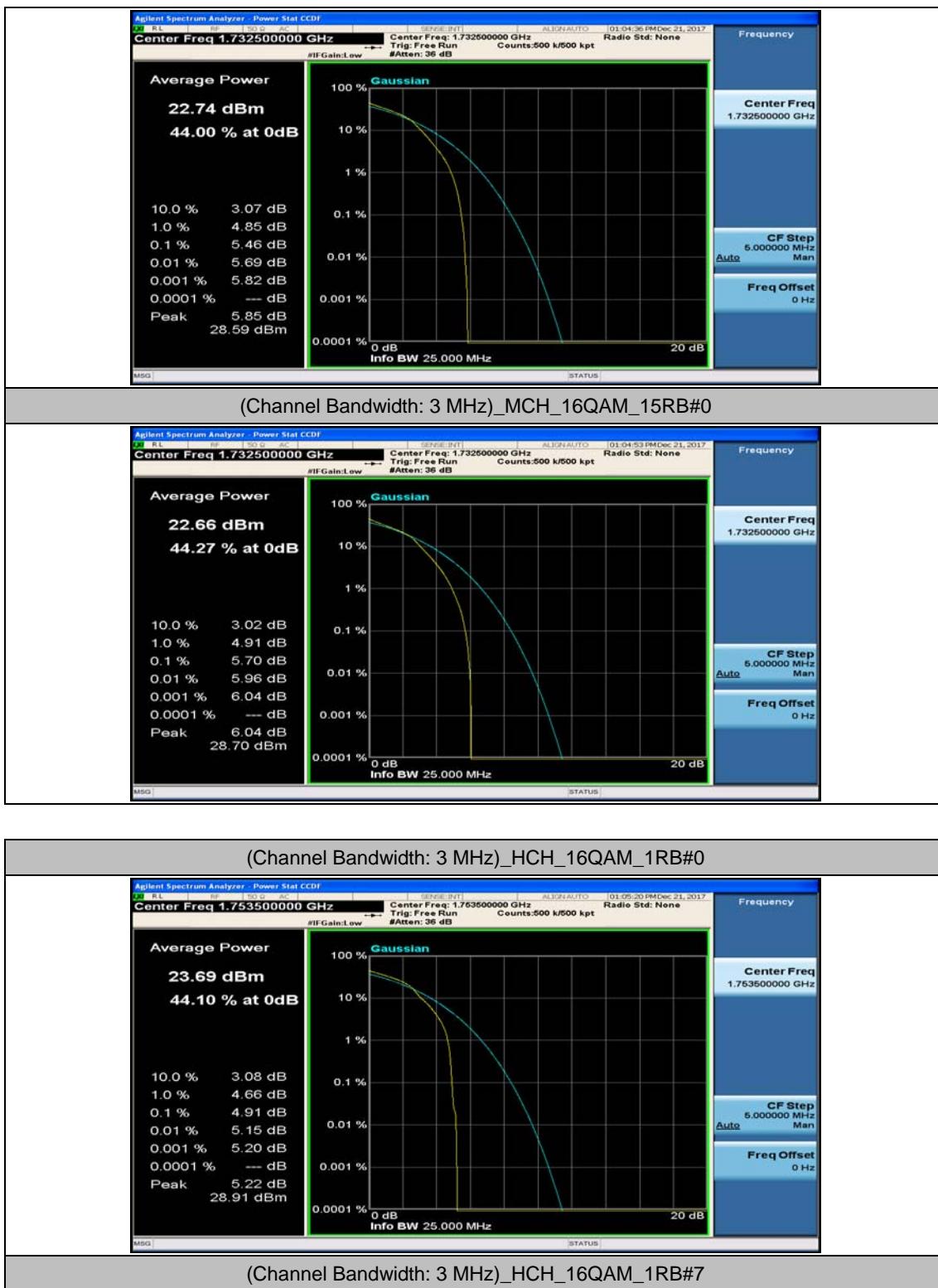


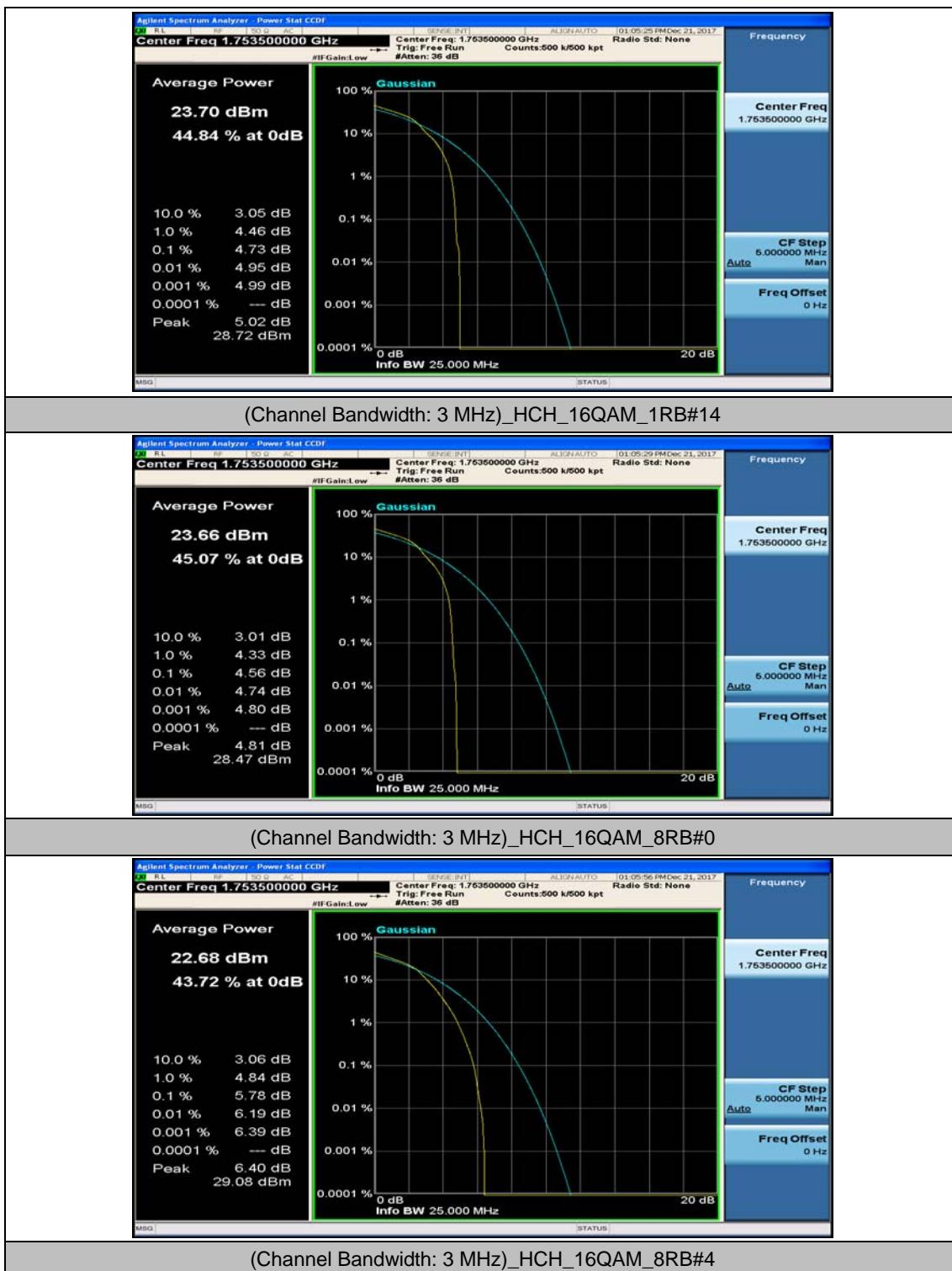


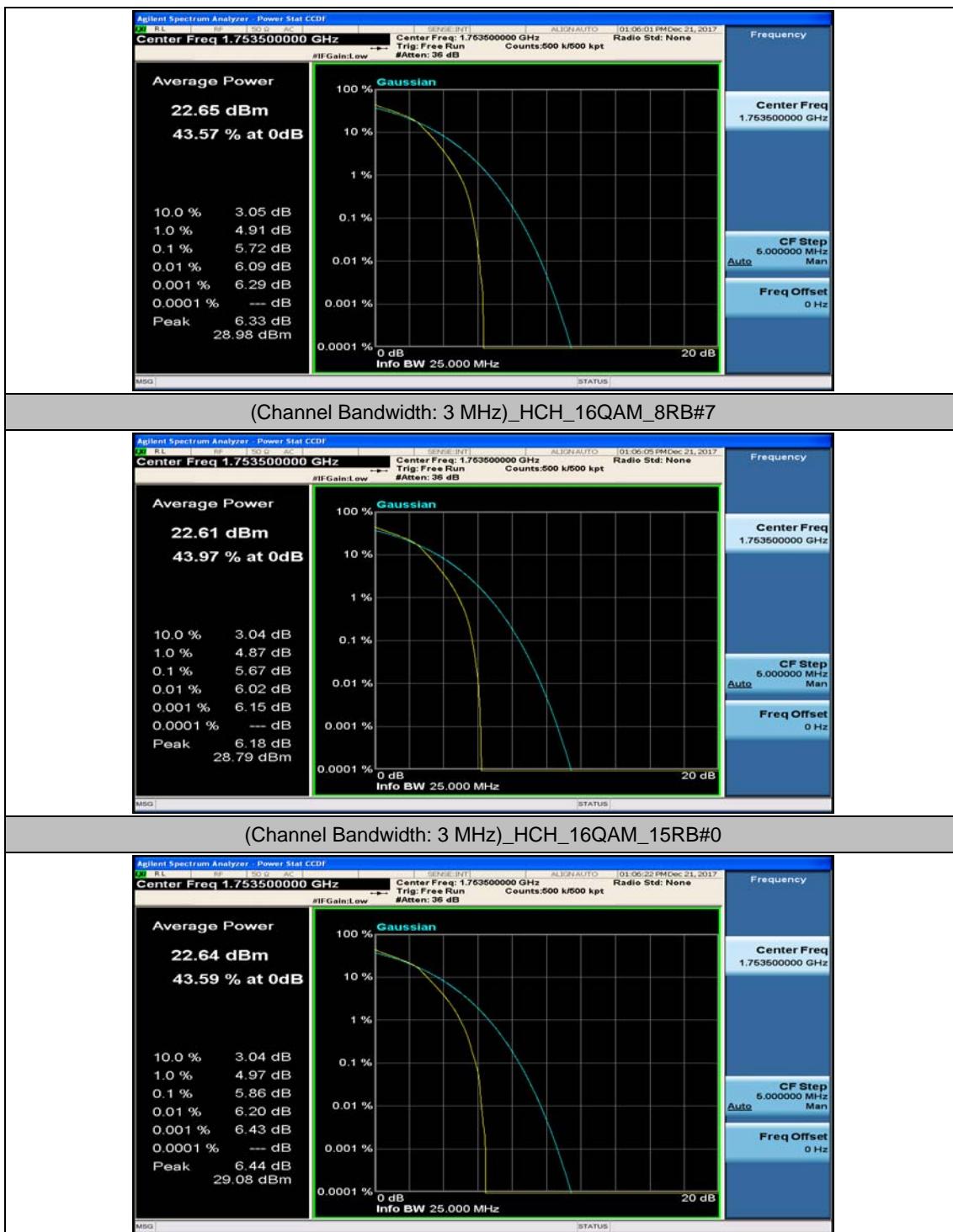




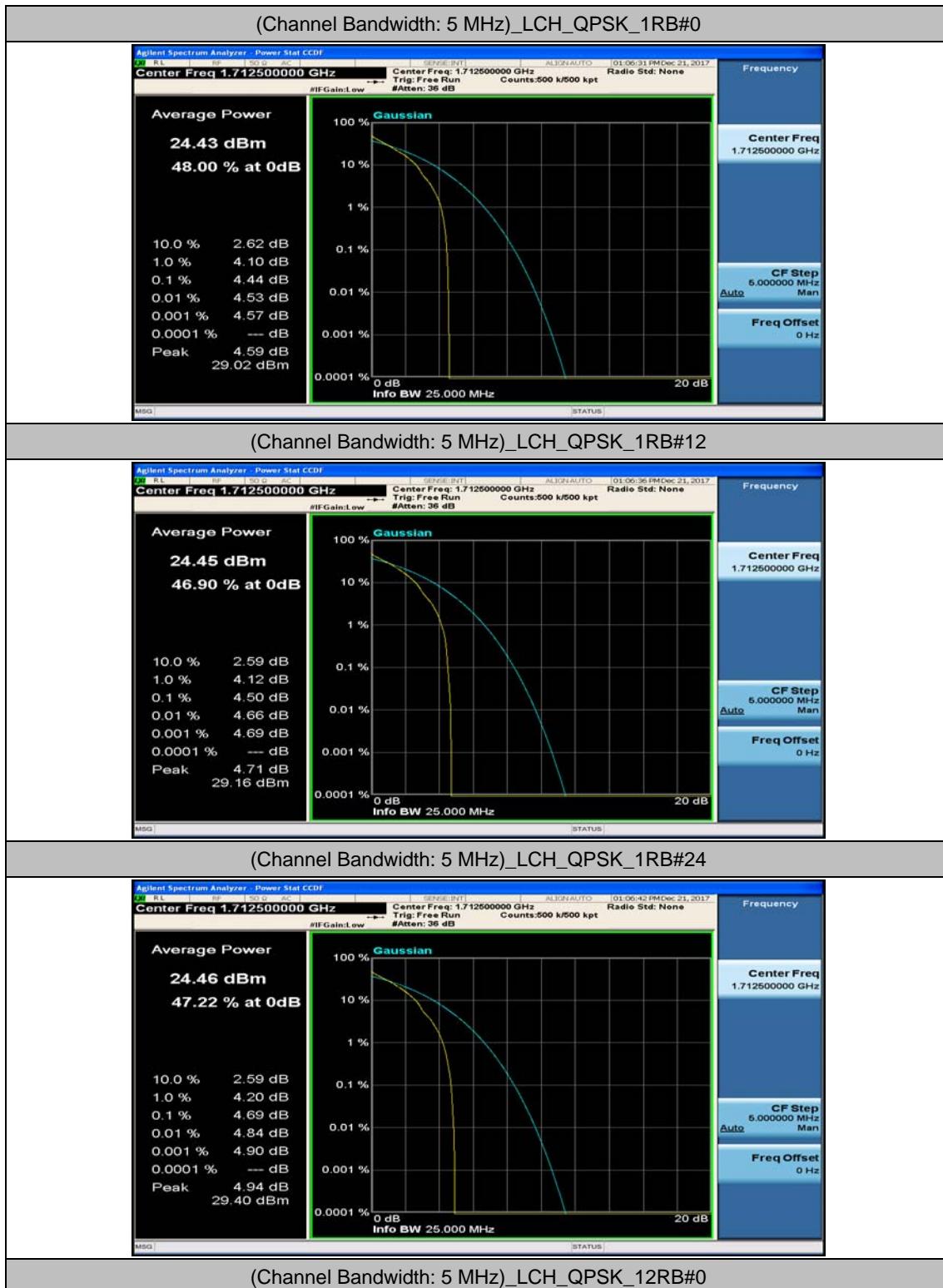


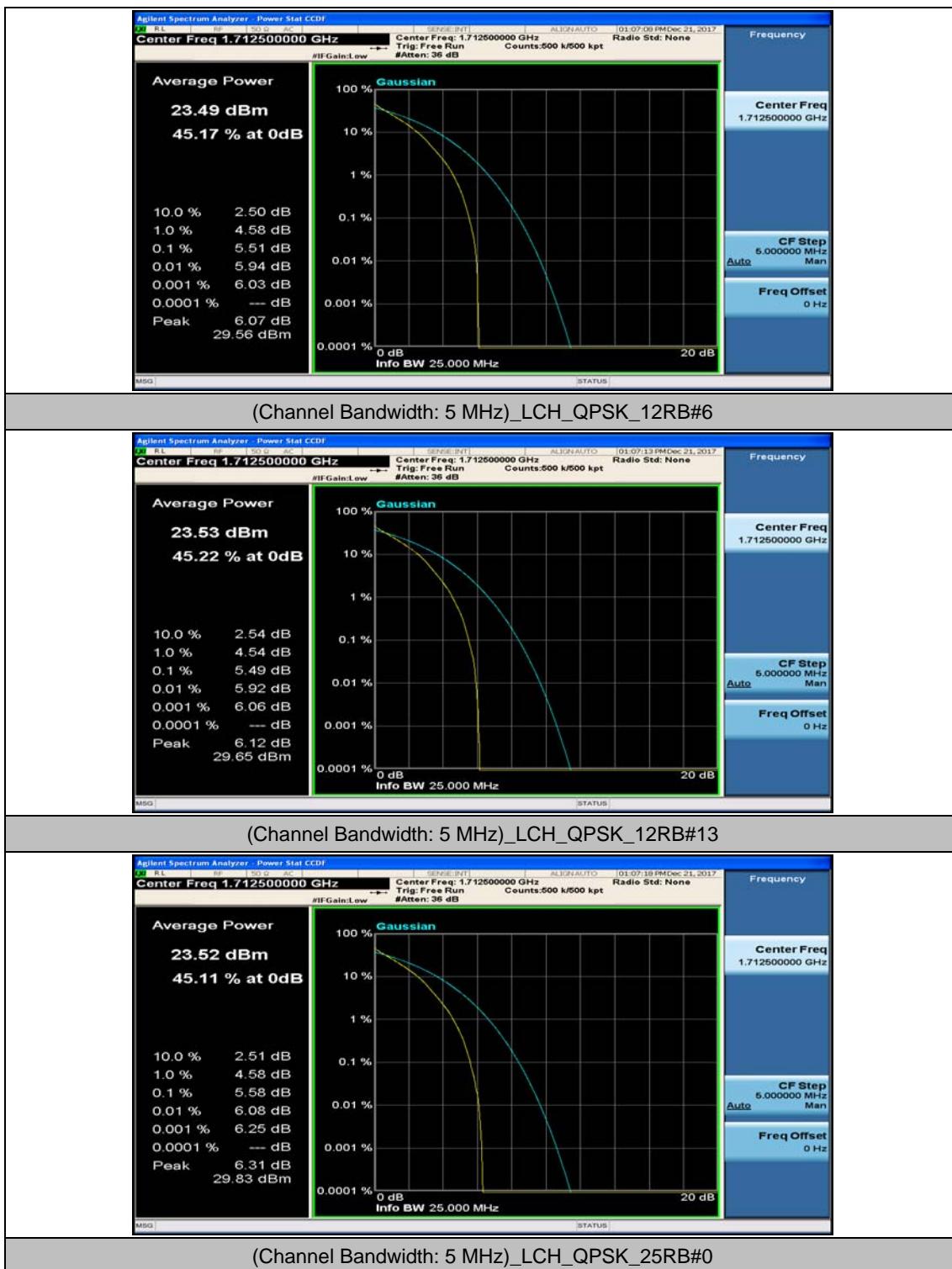


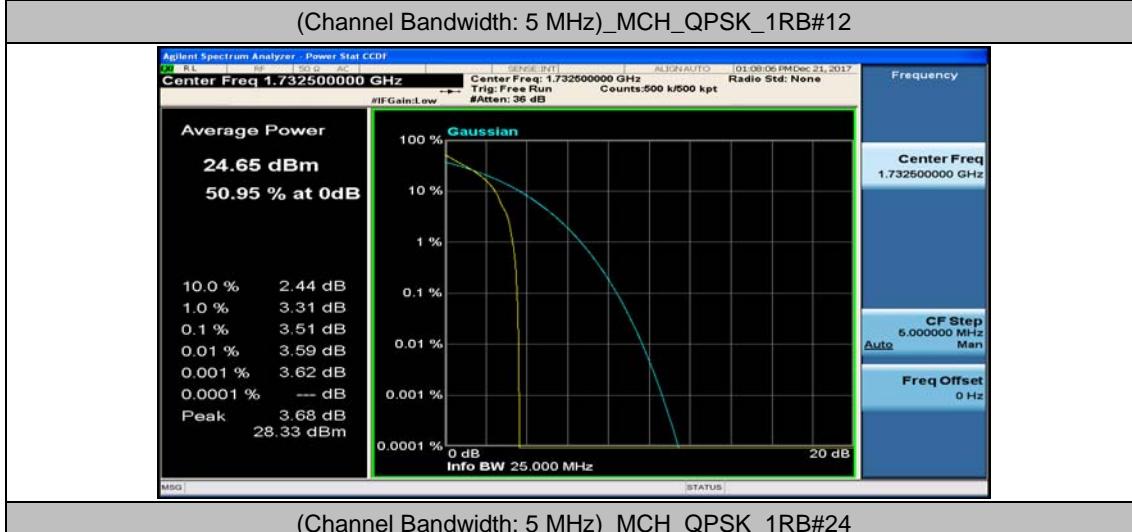
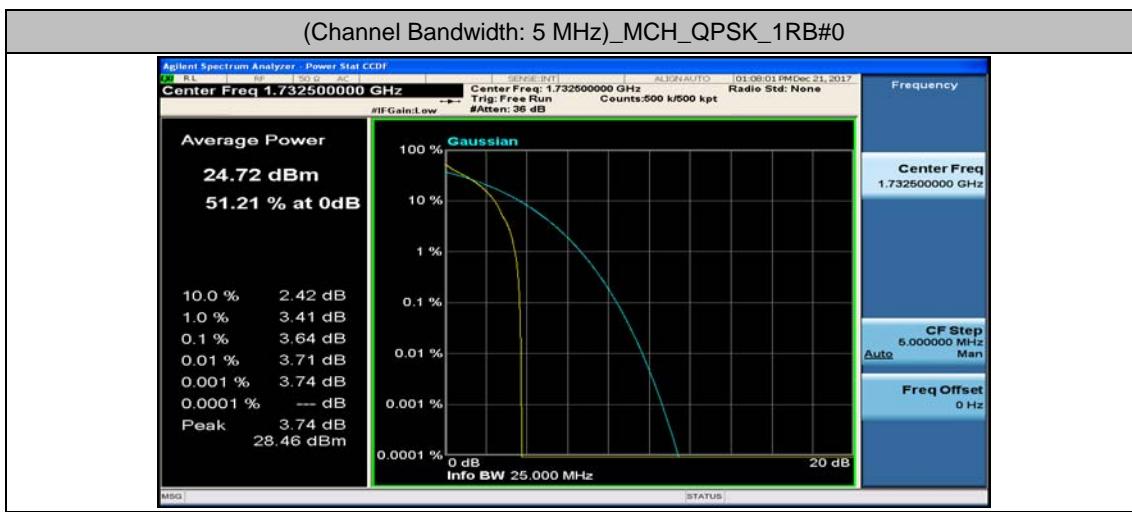
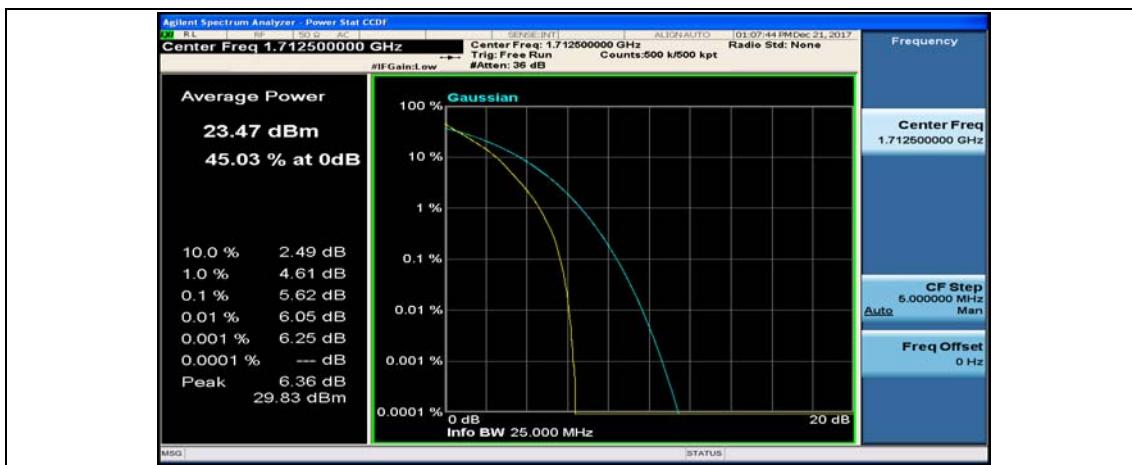




Channel Bandwidth: 5 MHz







(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24

