

Appendix A: Conducted Output Power Data

Test Result

Channel Bandwidth: 1.4 MHz

Channel Bandwidth: 1.4 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.48	PASS
		1	3	23.27	PASS
		1	5	23.30	PASS
		3	0	23.15	PASS
		3	2	23.11	PASS
		3	3	23.10	PASS
		6	0	23.13	PASS
	MCH	1	0	23.13	PASS
		1	3	23.19	PASS
		1	5	23.12	PASS
		3	0	23.20	PASS
		3	2	23.15	PASS
		3	3	23.19	PASS
		6	0	23.20	PASS
16QAM	LCH	1	0	23.01	PASS
		1	3	22.99	PASS
		1	5	23.03	PASS
		3	0	23.10	PASS
		3	2	23.06	PASS
		3	3	23.06	PASS
		6	0	23.00	PASS
	MCH	1	0	23.44	PASS
		1	3	23.33	PASS
		1	5	23.34	PASS
		3	0	23.16	PASS
		3	2	23.11	PASS
		3	3	23.10	PASS
		6	0	23.02	PASS

		3	3	23.11	PASS
		6	0	23.09	PASS
HCH	HCH	1	0	23.16	PASS
		1	3	23.22	PASS
		1	5	23.19	PASS
		3	0	23.06	PASS
		3	2	23.02	PASS
		3	3	23.05	PASS
		6	0	23.06	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.05	PASS
		1	7	22.87	PASS
		1	14	23.05	PASS
		8	0	23.07	PASS
		8	4	23.04	PASS
		8	7	23.05	PASS
		15	0	23.05	PASS
	MCH	1	0	23.05	PASS
		1	7	23.08	PASS
		1	14	22.99	PASS
		8	0	23.21	PASS
		8	4	23.16	PASS
		8	7	23.16	PASS
		15	0	23.14	PASS
	HCH	1	0	22.94	PASS
		1	7	23.03	PASS
		1	14	22.96	PASS
		8	0	23.05	PASS
		8	4	23.05	PASS
		8	7	23.05	PASS
		15	0	22.99	PASS
16QAM	LCH	1	0	23.24	PASS
		1	7	23.08	PASS
		1	14	23.25	PASS
		8	0	23.05	PASS
		8	4	23.05	PASS
		8	7	23.04	PASS
		15	0	22.97	PASS

	MCH	1	0	23.25	PASS
	MCH	1	7	23.26	PASS
	MCH	1	14	23.17	PASS
	MCH	8	0	23.19	PASS
	MCH	8	4	23.16	PASS
	MCH	8	7	23.12	PASS
	MCH	15	0	23.03	PASS
	HCH	1	0	23.22	PASS
	HCH	1	7	23.27	PASS
	HCH	1	14	23.24	PASS
	HCH	8	0	23.01	PASS
	HCH	8	4	22.97	PASS
	HCH	8	7	22.99	PASS
	HCH	15	0	22.96	PASS

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.89	PASS
		1	12	22.41	PASS
		1	24	22.87	PASS
		12	0	22.62	PASS
		12	6	22.52	PASS
		12	13	22.65	PASS
		25	0	22.61	PASS
	MCH	1	0	23.19	PASS
		1	12	23.14	PASS
		1	24	23.08	PASS
		12	0	23.24	PASS
		12	6	23.22	PASS
		12	13	23.17	PASS
		25	0	23.16	PASS
	HCH	1	0	23.09	PASS
		1	12	23.08	PASS
		1	24	23.06	PASS
		12	0	23.05	PASS
		12	6	23.06	PASS
		12	13	23.06	PASS
		25	0	23.01	PASS
16QAM	LCH	1	0	23.17	PASS
		1	12	22.73	PASS

		1	24	23.22	PASS
		12	0	22.71	PASS
		12	6	22.63	PASS
		12	13	22.76	PASS
		25	0	22.62	PASS
	MCH	1	0	23.48	PASS
		1	12	23.38	PASS
		1	24	23.31	PASS
		12	0	23.29	PASS
		12	6	23.26	PASS
		12	13	23.20	PASS
		25	0	23.12	PASS
		1	0	23.00	PASS
	HCH	1	12	23.05	PASS
		1	24	22.99	PASS
		12	0	23.02	PASS
		12	6	23.05	PASS
		12	13	23.05	PASS
		25	0	23.00	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.38	PASS
		1	24	22.56	PASS
		1	49	22.71	PASS
		25	0	22.61	PASS
		25	12	22.64	PASS
		25	25	22.72	PASS
		50	0	22.67	PASS
	MCH	1	0	23.22	PASS
		1	24	23.15	PASS
		1	49	22.98	PASS
		25	0	23.23	PASS
		25	12	23.17	PASS
		25	25	23.15	PASS
		50	0	23.19	PASS
	HCH	1	0	22.99	PASS
		1	24	23.00	PASS
		1	49	22.92	PASS
		25	0	22.98	PASS

		25	12	22.99	PASS
		25	25	23.02	PASS
		50	0	23.02	PASS
16QAM	LCH	1	0	22.61	PASS
		1	24	22.81	PASS
		1	49	23.00	PASS
		25	0	22.60	PASS
		25	12	22.65	PASS
		25	25	22.74	PASS
		50	0	22.67	PASS
	MCH	1	0	23.45	PASS
		1	24	23.33	PASS
		1	49	23.15	PASS
		25	0	23.18	PASS
		25	12	23.11	PASS
		25	25	23.07	PASS
		50	0	23.14	PASS
	HCH	1	0	23.24	PASS
		1	24	23.29	PASS
		1	49	23.29	PASS
		25	0	22.93	PASS
		25	12	22.94	PASS
		25	25	23.02	PASS
		50	0	23.00	PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.63	PASS
		1	37	22.76	PASS
		1	74	23.35	PASS
		37	0	22.68	PASS
		37	18	22.79	PASS
		37	38	23.20	PASS
		75	0	22.91	PASS
	MCH	1	0	23.30	PASS
		1	37	23.16	PASS
		1	74	23.00	PASS
		37	0	23.39	PASS
		37	18	23.33	PASS
		37	38	23.30	PASS

		75	0	23.37	PASS
16QAM	HCH	1	0	23.09	PASS
		1	37	22.95	PASS
		1	74	23.02	PASS
		37	0	23.13	PASS
		37	18	23.15	PASS
		37	38	23.17	PASS
		75	0	23.16	PASS
	LCH	1	0	22.79	PASS
		1	37	22.96	PASS
		1	74	23.59	PASS
		37	0	22.67	PASS
		37	18	22.80	PASS
		37	38	23.22	PASS
		75	0	22.90	PASS
	MCH	1	0	23.53	PASS
		1	37	23.33	PASS
		1	74	23.18	PASS
		37	0	23.34	PASS
		37	18	23.25	PASS
		37	38	23.19	PASS
		75	0	23.29	PASS
	HCH	1	0	23.22	PASS
		1	37	23.15	PASS
		1	74	23.24	PASS
		37	0	23.07	PASS
		37	18	23.08	PASS
		37	38	23.12	PASS
		75	0	23.09	PASS

Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.63	PASS
		1	49	23.14	PASS
		1	99	23.37	PASS
		50	0	22.70	PASS
		50	25	23.06	PASS
		50	50	23.42	PASS
		100	0	23.09	PASS
	MCH	1	0	23.49	PASS

		1	49	23.27	PASS
		1	99	23.00	PASS
		50	0	23.32	PASS
		50	25	23.21	PASS
		50	50	23.13	PASS
		100	0	23.21	PASS
	HCH	1	0	23.24	PASS
		1	49	23.01	PASS
		1	99	23.14	PASS
		50	0	23.07	PASS
		50	25	23.01	PASS
		50	50	23.05	PASS
		100	0	23.05	PASS
		1	0	22.71	PASS
	LCH	1	49	23.22	PASS
		1	99	23.49	PASS
		50	0	22.66	PASS
		50	25	23.03	PASS
		50	50	23.38	PASS
		100	0	23.09	PASS
		1	0	23.63	PASS
	MCH	1	49	23.38	PASS
		1	99	23.07	PASS
		50	0	23.27	PASS
		50	25	23.12	PASS
		50	50	23.01	PASS
		100	0	23.13	PASS
		1	0	23.43	PASS
	HCH	1	49	23.26	PASS
		1	99	23.42	PASS
		50	0	23.03	PASS
		50	25	22.98	PASS
		50	50	23.03	PASS
		100	0	22.98	PASS
		1	0	23.43	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	1.52	<13	PASS
		1	3	2.85	<13	PASS
		1	5	1.55	<13	PASS
		3	0	2.71	<13	PASS
		3	2	2.8	<13	PASS
		3	3	2.72	<13	PASS
		6	0	3.33	<13	PASS
	MCH	1	0	1.51	<13	PASS
		1	3	2.71	<13	PASS
		1	5	1.5	<13	PASS
		3	0	2.69	<13	PASS
		3	2	2.7	<13	PASS
		3	3	2.71	<13	PASS
		6	0	3.27	<13	PASS
16QAM	LCH	1	0	1.63	<13	PASS
		1	3	2.86	<13	PASS
		1	5	1.65	<13	PASS
		3	0	2.77	<13	PASS
		3	2	2.83	<13	PASS
		3	3	2.79	<13	PASS
		6	0	3.4	<13	PASS
	MCH	1	0	1.84	<13	PASS
		1	3	3.1	<13	PASS
		1	5	1.85	<13	PASS
		3	0	3.14	<13	PASS
		3	2	3.13	<13	PASS
		3	3	3.16	<13	PASS
		6	0	3.77	<13	PASS

		3	2	3.07	<13	PASS
		3	3	3.15	<13	PASS
		6	0	3.78	<13	PASS
HCH		1	0	1.88	<13	PASS
		1	3	3.08	<13	PASS
		1	5	1.91	<13	PASS
		3	0	3.17	<13	PASS
		3	2	3.1	<13	PASS
		3	3	3.13	<13	PASS
		6	0	3.79	<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	1.43	<13	PASS
		1	7	2.66	<13	PASS
		1	14	1.5	<13	PASS
		8	0	2.69	<13	PASS
		8	4	2.89	<13	PASS
		8	7	2.73	<13	PASS
		15	0	3.67	<13	PASS
	MCH	1	0	1.49	<13	PASS
		1	7	2.59	<13	PASS
		1	14	1.47	<13	PASS
		8	0	2.73	<13	PASS
		8	4	2.85	<13	PASS
		8	7	2.75	<13	PASS
		15	0	3.66	<13	PASS
	HCH	1	0	1.51	<13	PASS
		1	7	2.68	<13	PASS
		1	14	1.57	<13	PASS
		8	0	2.79	<13	PASS
		8	4	2.95	<13	PASS
		8	7	2.83	<13	PASS
		15	0	3.75	<13	PASS
16QAM	LCH	1	0	1.73	<13	PASS
		1	7	2.86	<13	PASS
		1	14	1.74	<13	PASS
		8	0	3.09	<13	PASS
		8	4	3.22	<13	PASS

		8	7	3.14	<13	PASS
		15	0	4.01	<13	PASS
MCH		1	0	1.75	<13	PASS
		1	7	2.8	<13	PASS
		1	14	1.75	<13	PASS
		8	0	3.12	<13	PASS
		8	4	3.2	<13	PASS
		8	7	3.14	<13	PASS
		15	0	4	<13	PASS
HCH		1	0	1.88	<13	PASS
		1	7	2.99	<13	PASS
		1	14	1.92	<13	PASS
		8	0	3.16	<13	PASS
		8	4	3.28	<13	PASS
		8	7	3.22	<13	PASS
		15	0	4.06	<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	1.53	<13	PASS
		1	12	2.85	<13	PASS
		1	24	1.57	<13	PASS
		12	0	2.62	<13	PASS
		12	6	2.97	<13	PASS
		12	13	2.77	<13	PASS
		25	0	3.73	<13	PASS
	MCH	1	0	1.52	<13	PASS
		1	12	2.56	<13	PASS
		1	24	1.41	<13	PASS
		12	0	2.56	<13	PASS
		12	6	2.76	<13	PASS
		12	13	2.67	<13	PASS
		25	0	3.55	<13	PASS
	HCH	1	0	1.61	<13	PASS
		1	12	2.65	<13	PASS
		1	24	1.6	<13	PASS
		12	0	2.57	<13	PASS
		12	6	2.83	<13	PASS
		12	13	2.73	<13	PASS

		25	0	3.64	<13	PASS
16QAM	LCH	1	0	1.9	<13	PASS
		1	12	3.09	<13	PASS
		1	24	1.93	<13	PASS
		12	0	3.05	<13	PASS
		12	6	3.25	<13	PASS
		12	13	3.23	<13	PASS
		25	0	4.03	<13	PASS
	MCH	1	0	1.85	<13	PASS
		1	12	2.81	<13	PASS
		1	24	1.76	<13	PASS
		12	0	2.98	<13	PASS
		12	6	3.04	<13	PASS
		12	13	3.12	<13	PASS
		25	0	3.91	<13	PASS
	HCH	1	0	1.79	<13	PASS
		1	12	2.81	<13	PASS
		1	24	1.75	<13	PASS
		12	0	3	<13	PASS
		12	6	3.14	<13	PASS
		12	13	3.21	<13	PASS
		25	0	3.98	<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	2.41	<13	PASS
		1	24	2.83	<13	PASS
		1	49	1.9	<13	PASS
		25	0	2.88	<13	PASS
		25	12	3.14	<13	PASS
		25	25	3.06	<13	PASS
		50	0	4.22	<13	PASS
	MCH	1	0	2.12	<13	PASS
		1	24	2.54	<13	PASS
		1	49	1.65	<13	PASS
		25	0	2.73	<13	PASS
		25	12	3	<13	PASS
		25	25	2.92	<13	PASS
		50	0	4.09	<13	PASS

		1	0	2.06	<13	PASS
HCH	LCH	1	24	2.64	<13	PASS
		1	49	1.8	<13	PASS
		25	0	2.69	<13	PASS
		25	12	3.03	<13	PASS
		25	25	2.93	<13	PASS
		50	0	4.11	<13	PASS
		1	0	2.66	<13	PASS
16QAM	MCH	1	24	3.01	<13	PASS
		1	49	2.21	<13	PASS
		25	0	3.2	<13	PASS
		25	12	3.54	<13	PASS
		25	25	3.47	<13	PASS
		50	0	4.47	<13	PASS
		1	0	2.35	<13	PASS
	HCH	1	24	2.76	<13	PASS
		1	49	1.92	<13	PASS
		25	0	3.05	<13	PASS
		25	12	3.39	<13	PASS
		25	25	3.36	<13	PASS
		50	0	4.31	<13	PASS
		1	0	2.39	<13	PASS
	LCH	1	24	2.92	<13	PASS
		1	49	2.15	<13	PASS
		25	0	3.02	<13	PASS
		25	12	3.43	<13	PASS
		25	25	3.35	<13	PASS
		50	0	4.35	<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	9.48	<13	PASS
		1	37	2.77	<13	PASS
		1	74	8.33	<13	PASS
		37	0	3.9	<13	PASS
		37	18	3.6	<13	PASS
		37	38	3.74	<13	PASS
		75	0	4.82	<13	PASS
	MCH	1	0	9.19	<13	PASS

	16QAM	HCH	1	37	2.56	<13	PASS
			1	74	8.38	<13	PASS
			37	0	3.75	<13	PASS
			37	18	3.34	<13	PASS
			37	38	3.79	<13	PASS
			75	0	4.71	<13	PASS
		LCH	1	0	9.14	<13	PASS
			1	37	2.6	<13	PASS
			1	74	8.37	<13	PASS
			37	0	3.82	<13	PASS
			37	18	3.37	<13	PASS
			37	38	3.72	<13	PASS
			75	0	4.72	<13	PASS
		MCH	1	0	9.24	<13	PASS
			1	37	2.99	<13	PASS
			1	74	9.18	<13	PASS
			37	0	4.31	<13	PASS
			37	18	3.99	<13	PASS
			37	38	4.21	<13	PASS
			75	0	5.23	<13	PASS
		HCH	1	0	9.16	<13	PASS
			1	37	2.82	<13	PASS
			1	74	9.38	<13	PASS
			37	0	4.1	<13	PASS
			37	18	3.82	<13	PASS
			37	38	4.19	<13	PASS
			75	0	5.1	<13	PASS
		LCH	1	0	9.58	<13	PASS
			1	37	2.85	<13	PASS
			1	74	9.23	<13	PASS
			37	0	4.16	<13	PASS
			37	18	3.81	<13	PASS
			37	38	4.11	<13	PASS
			75	0	5.11	<13	PASS

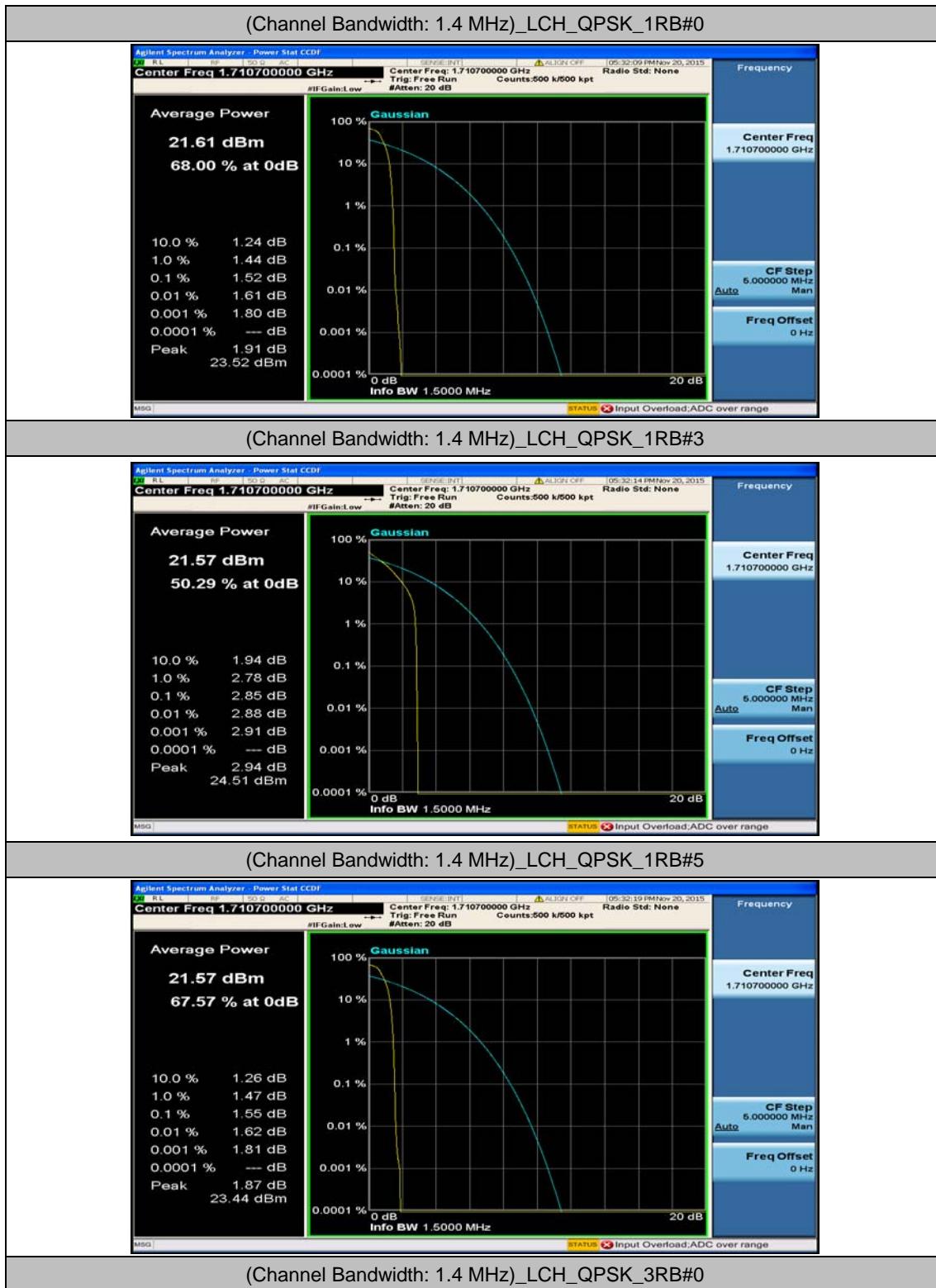
Channel Bandwidth: 20 MHz

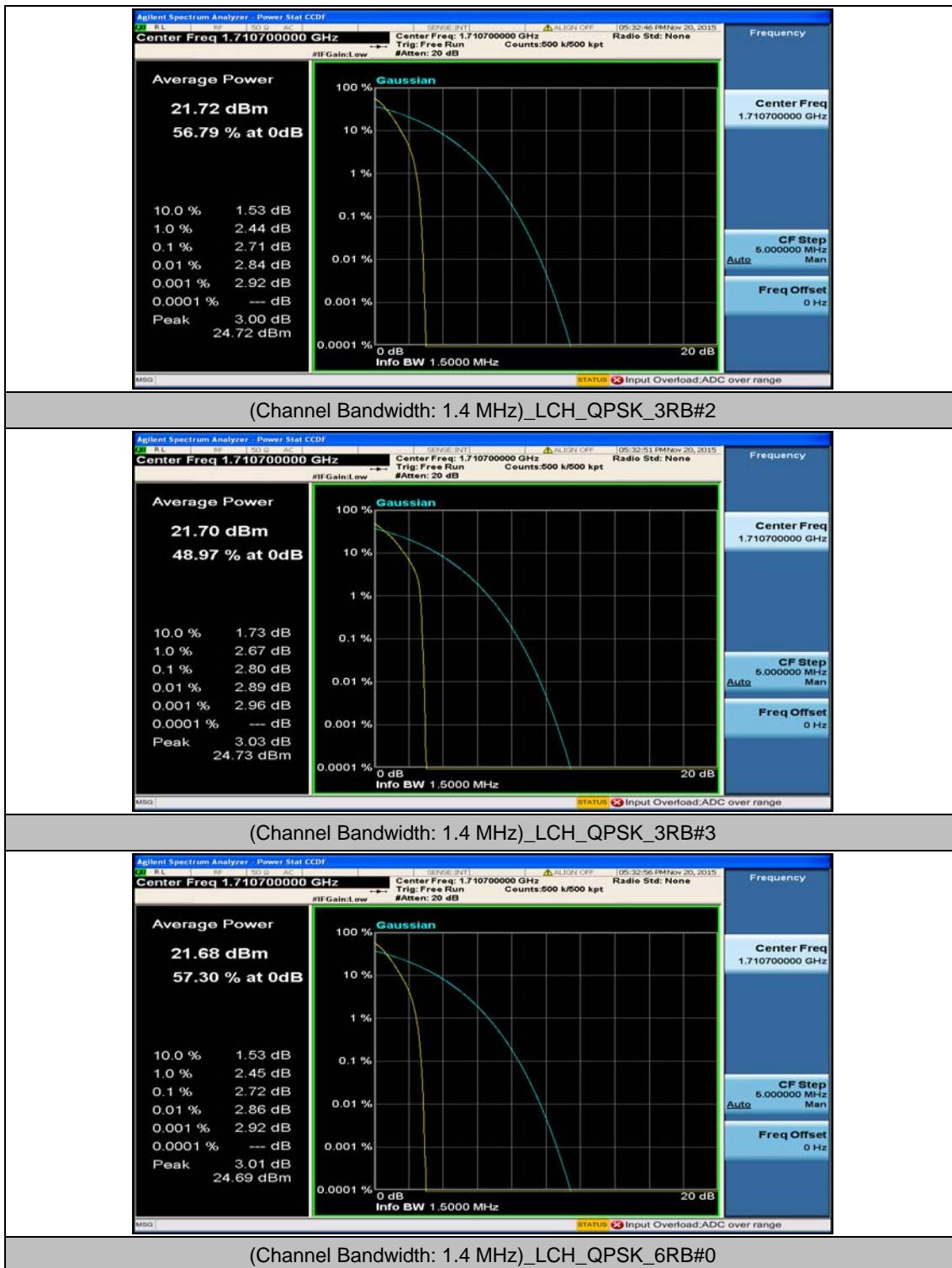
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	6.86	<13	PASS
		1	49	2.67	<13	PASS

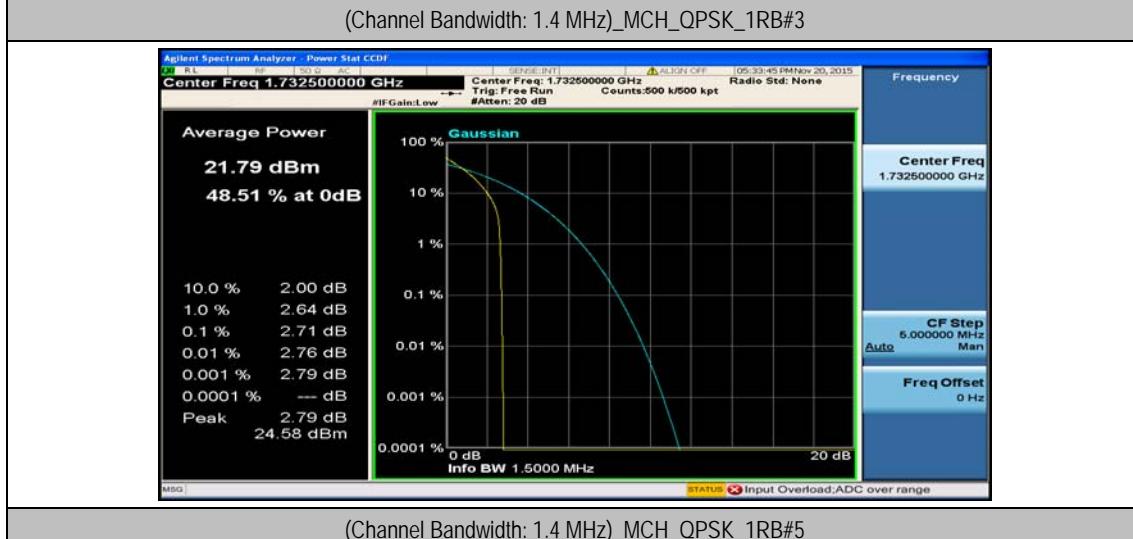
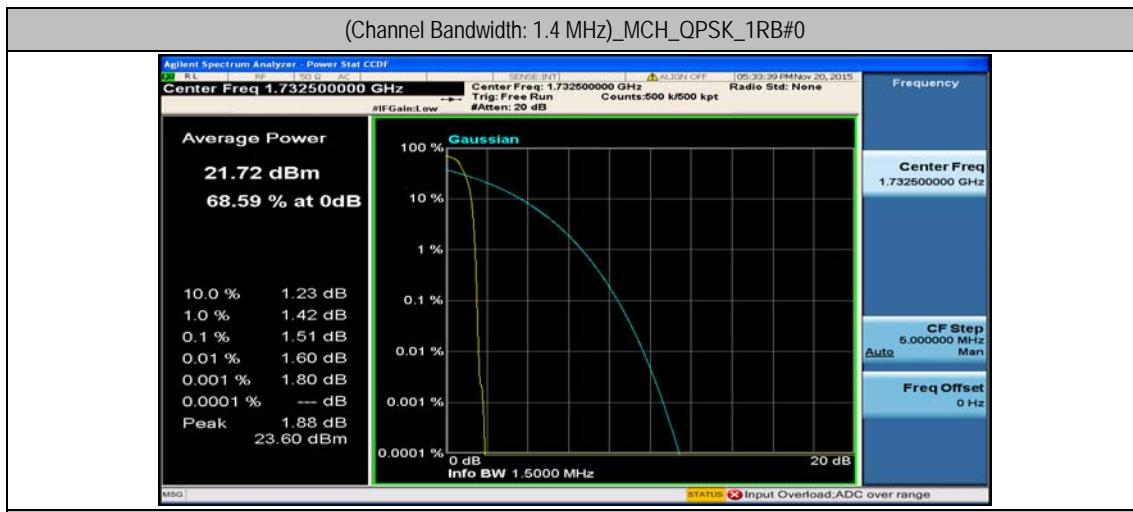
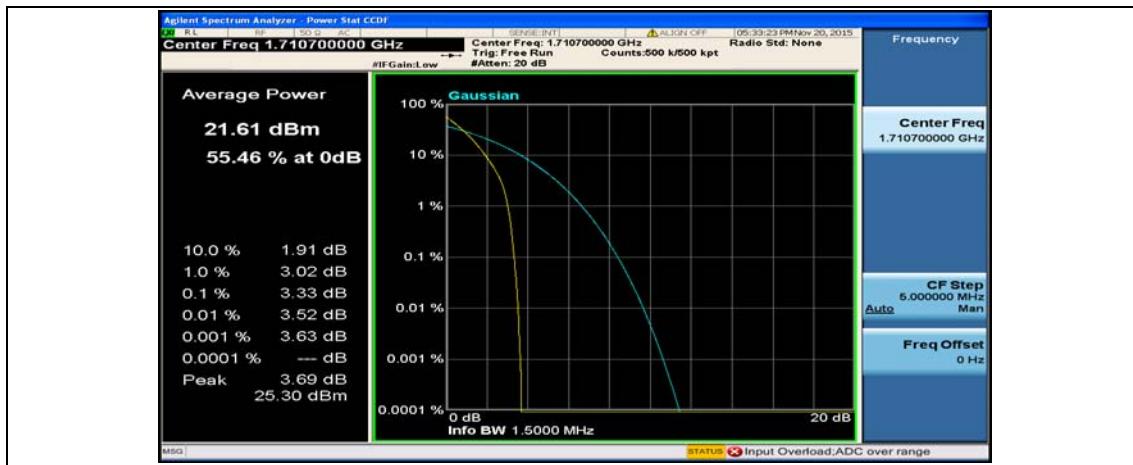
		1	99	7.42	<13	PASS
		50	0	4.58	<13	PASS
		50	25	4.2	<13	PASS
		50	50	4.45	<13	PASS
		100	0	5.5	<13	PASS
	MCH	1	0	6.36	<13	PASS
		1	49	2.54	<13	PASS
		1	99	6.76	<13	PASS
		50	0	4.35	<13	PASS
		50	25	4.08	<13	PASS
		50	50	4.51	<13	PASS
		100	0	5.51	<13	PASS
	HCH	1	0	6.88	<13	PASS
		1	49	2.63	<13	PASS
		1	99	7.21	<13	PASS
		50	0	4.39	<13	PASS
		50	25	4.08	<13	PASS
		50	50	4.45	<13	PASS
		100	0	5.52	<13	PASS
	LCH	1	0	7.37	<13	PASS
		1	49	2.78	<13	PASS
		1	99	7.51	<13	PASS
		50	0	4.95	<13	PASS
		50	25	4.44	<13	PASS
		50	50	4.7	<13	PASS
		100	0	5.78	<13	PASS
	MCH	1	0	6.86	<13	PASS
		1	49	2.64	<13	PASS
		1	99	7.12	<13	PASS
		50	0	4.63	<13	PASS
		50	25	4.32	<13	PASS
		50	50	4.78	<13	PASS
		100	0	5.73	<13	PASS
	HCH	1	0	7.59	<13	PASS
		1	49	2.79	<13	PASS
		1	99	7.68	<13	PASS
		50	0	4.73	<13	PASS
		50	25	4.31	<13	PASS
		50	50	4.66	<13	PASS
		100	0	5.75	<13	PASS

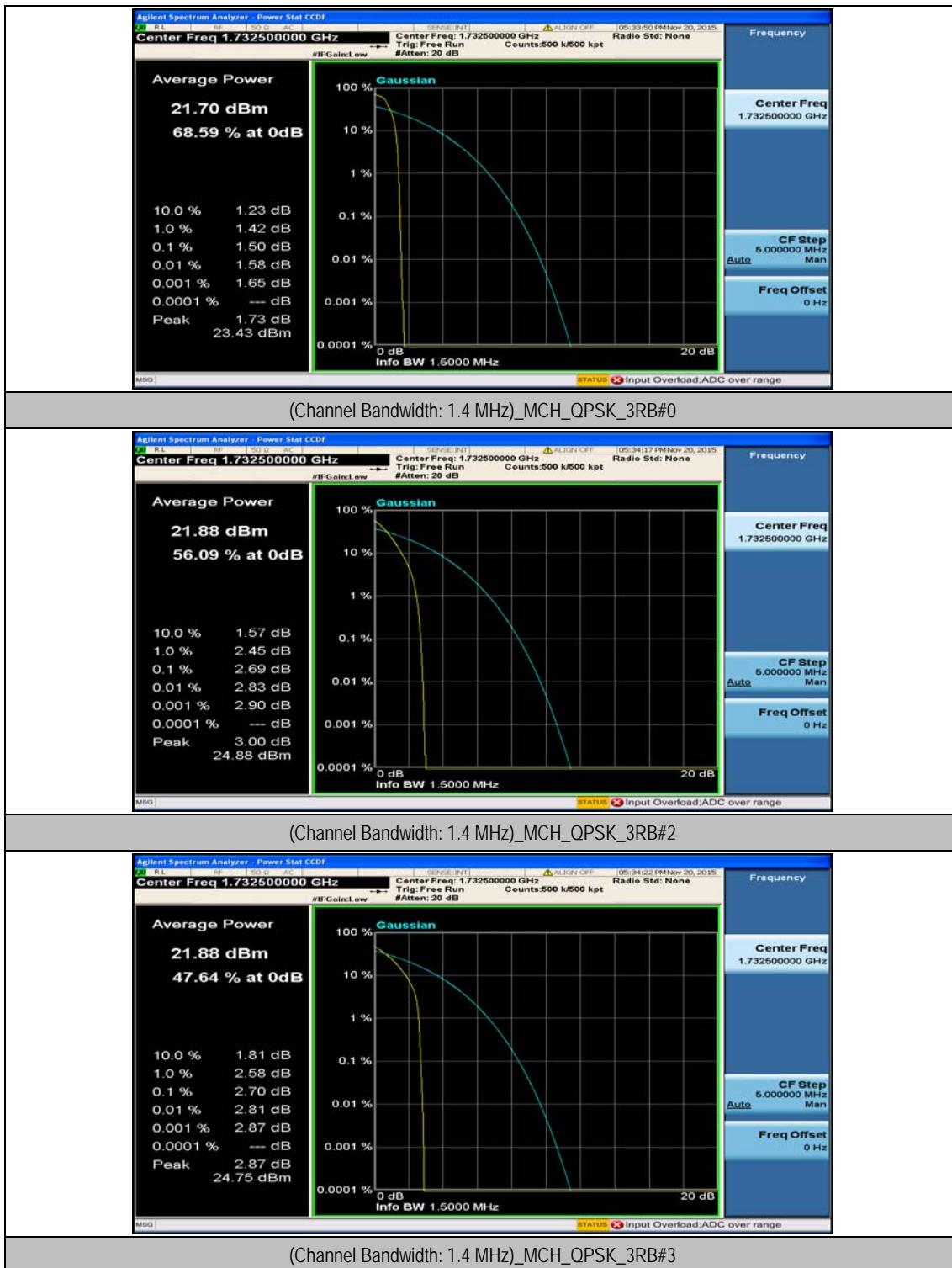
Test Graphs

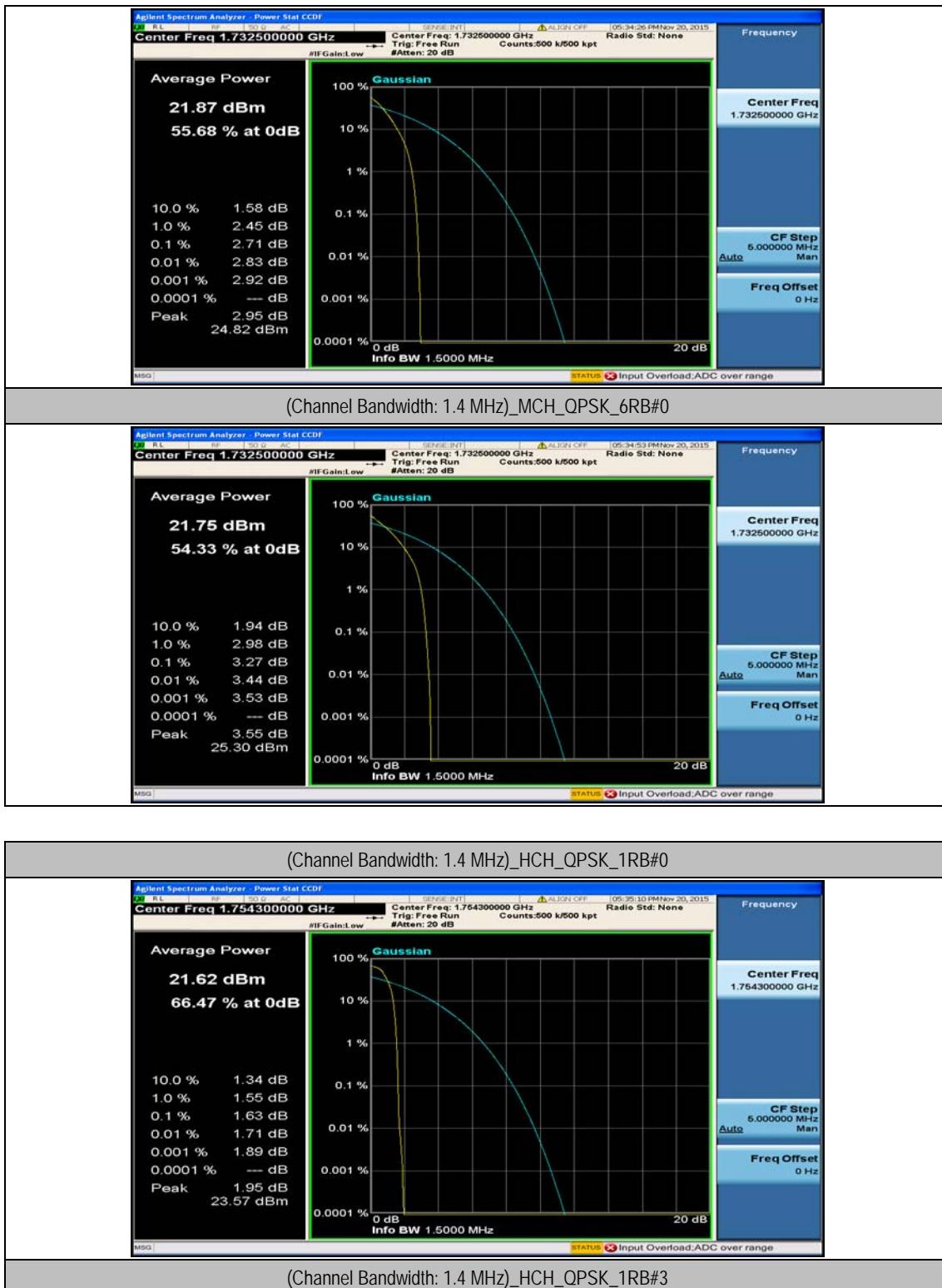
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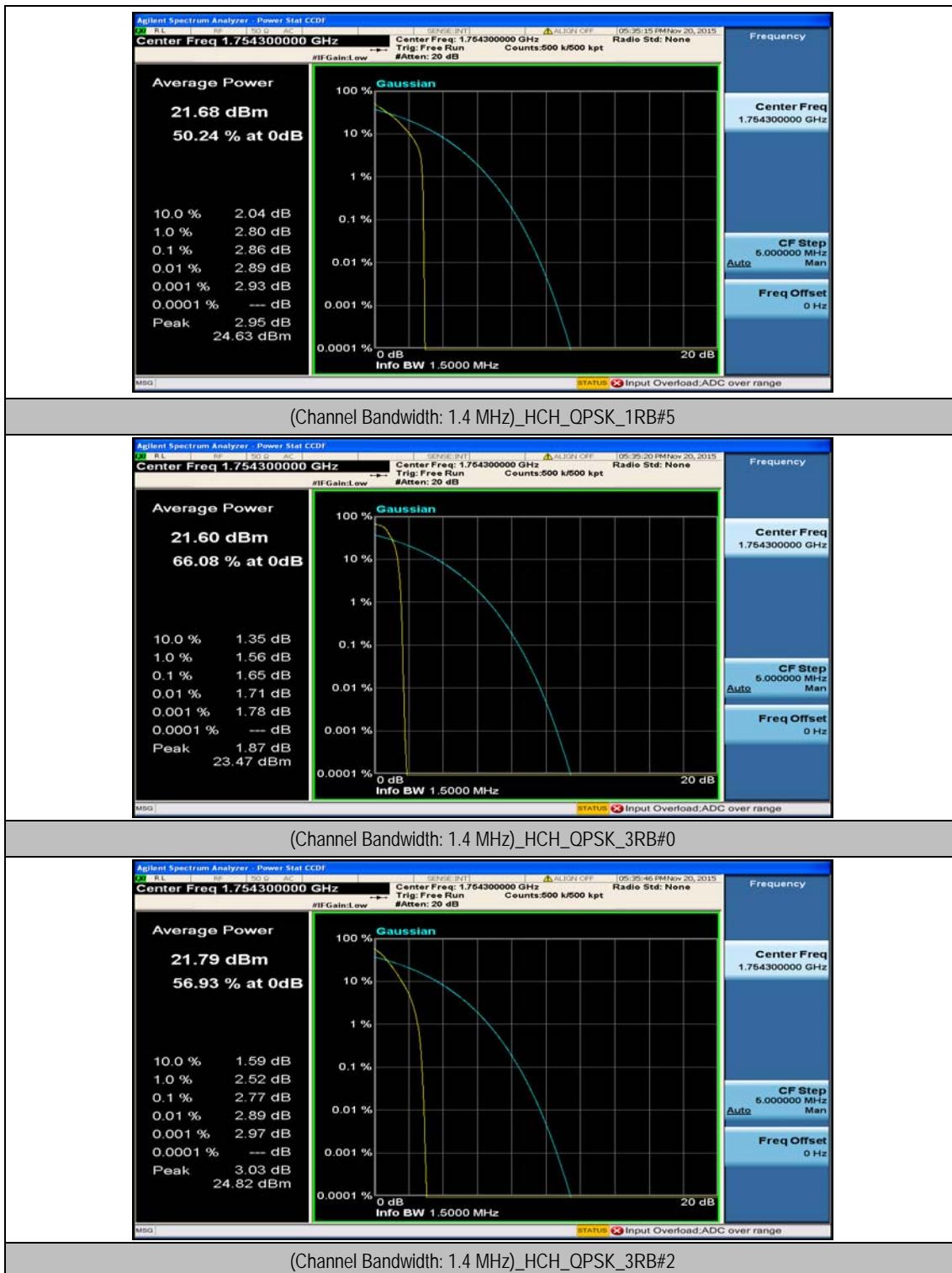


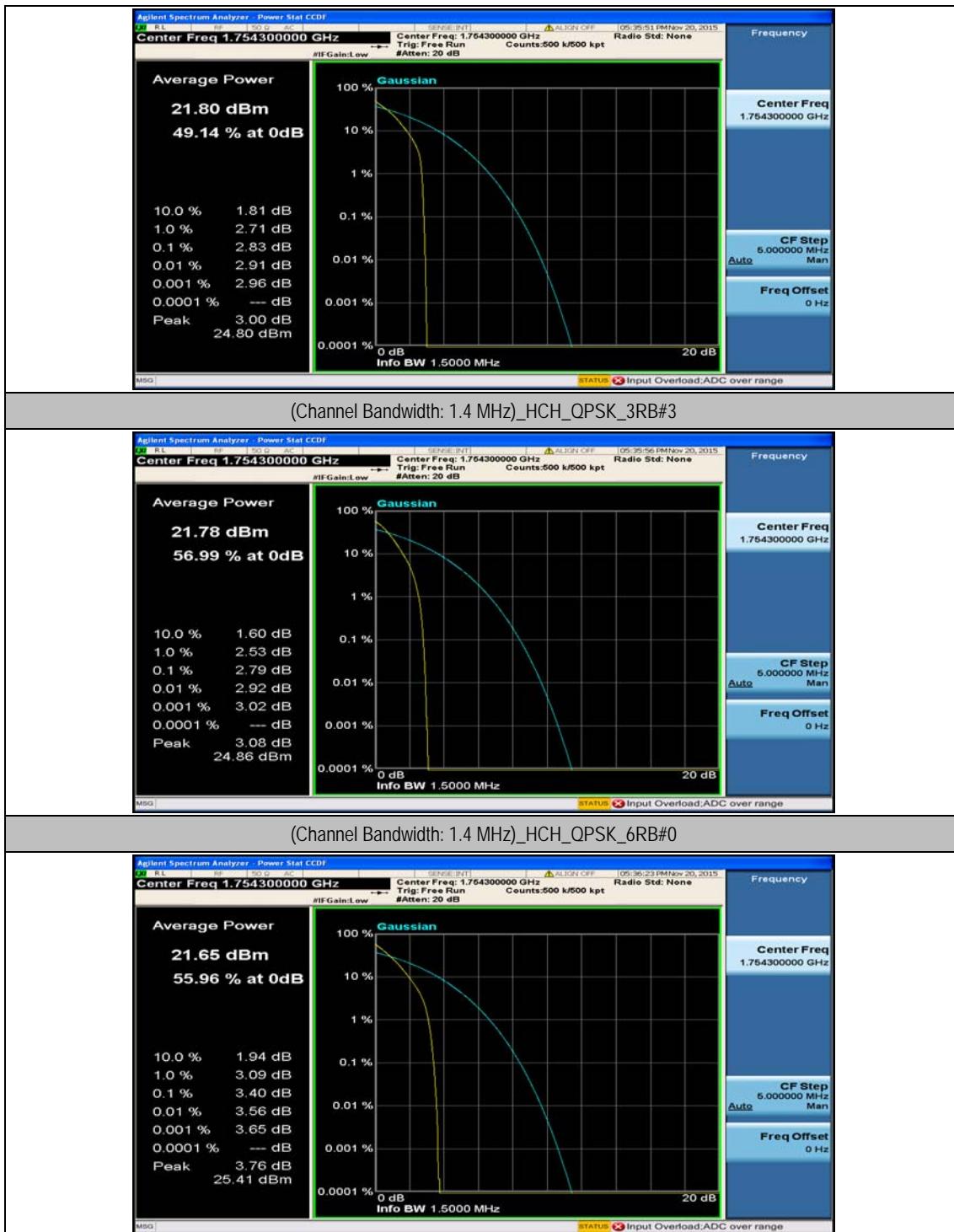


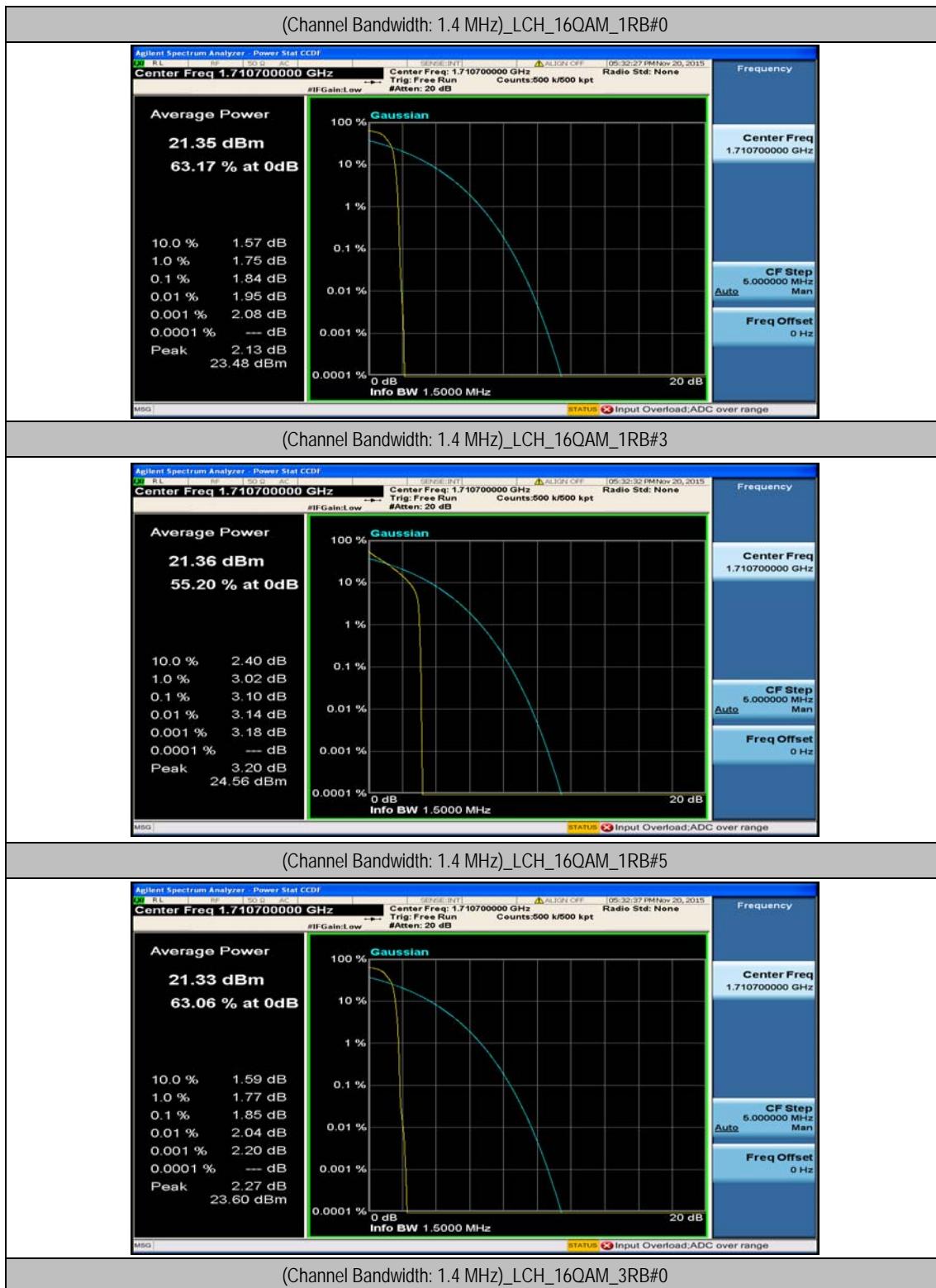


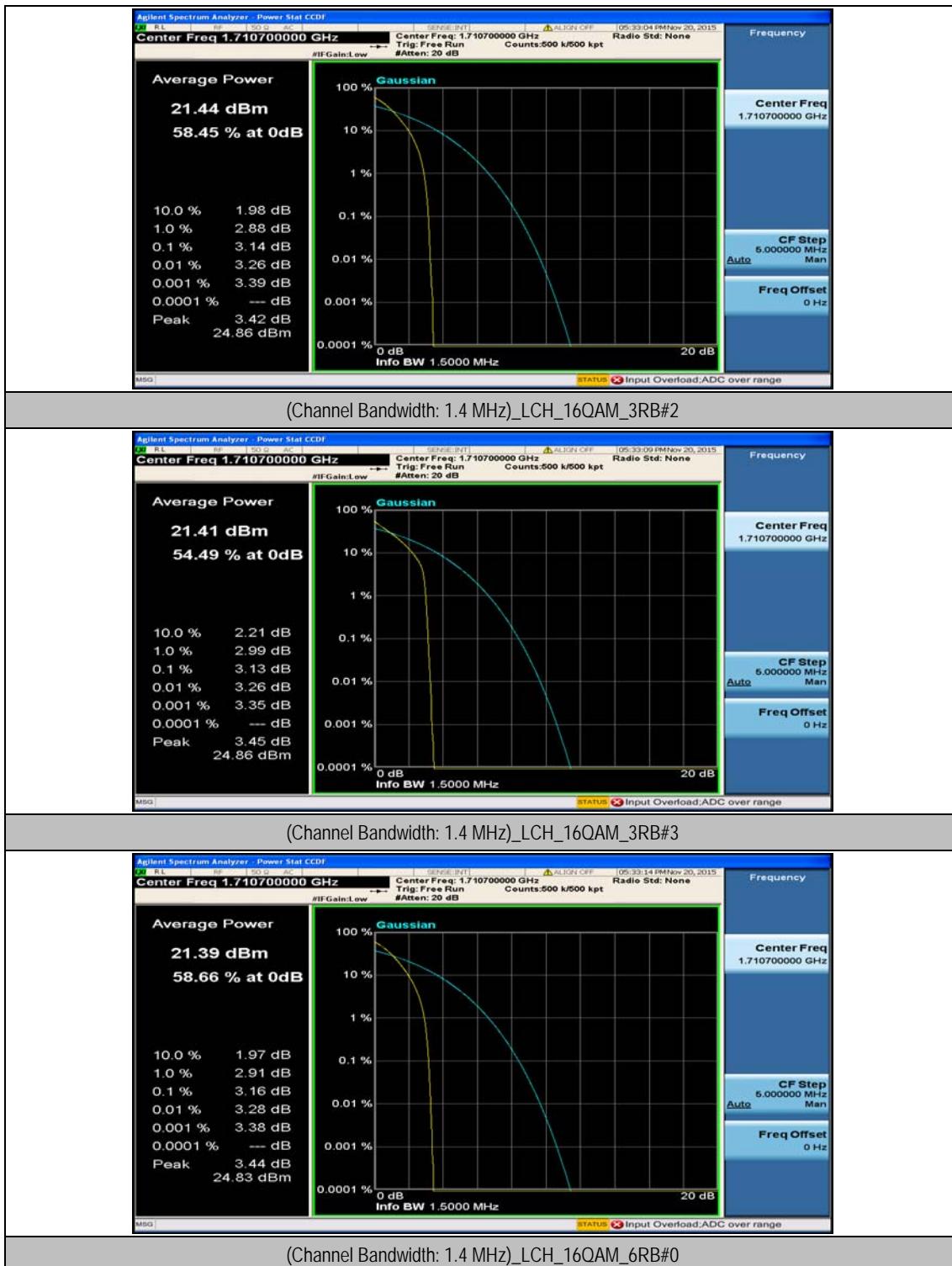


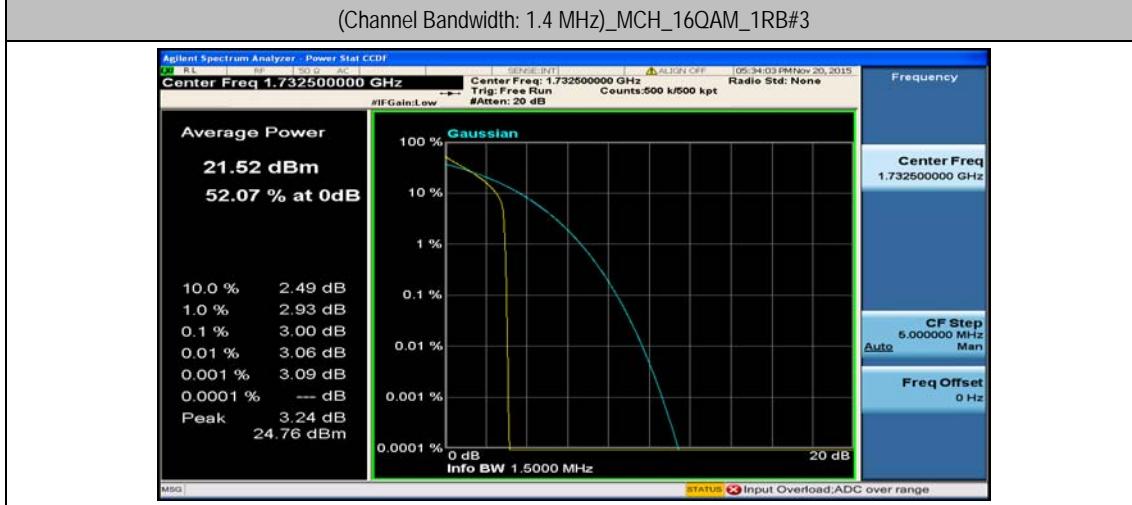
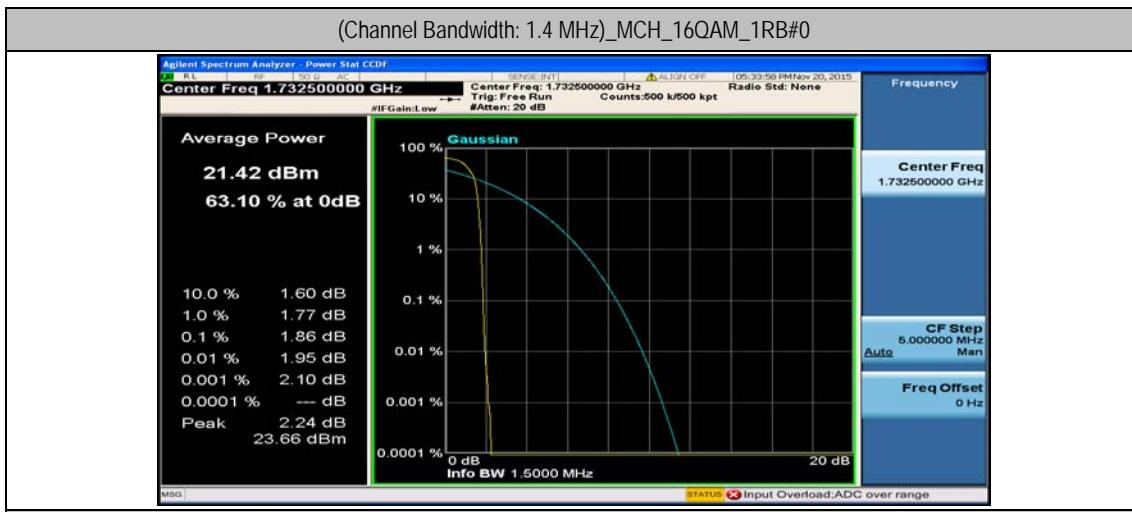
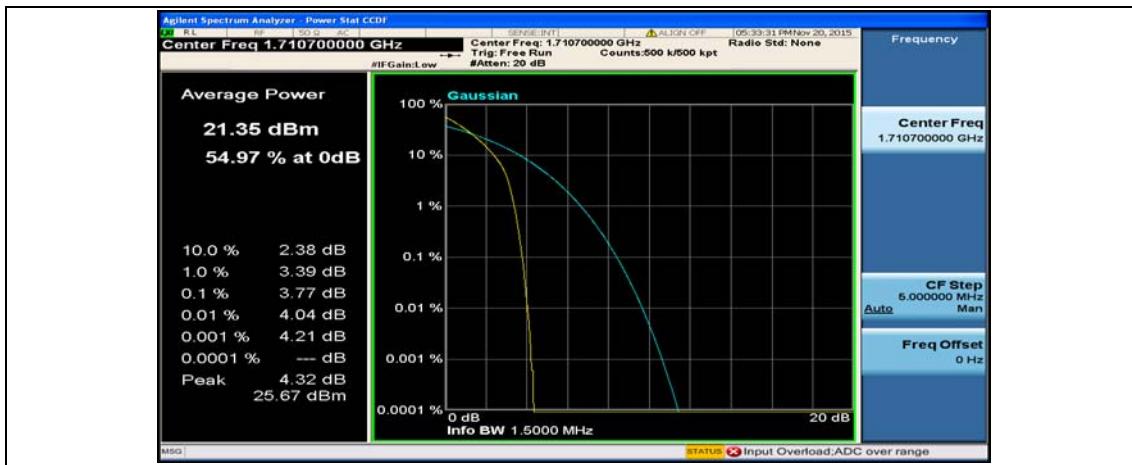


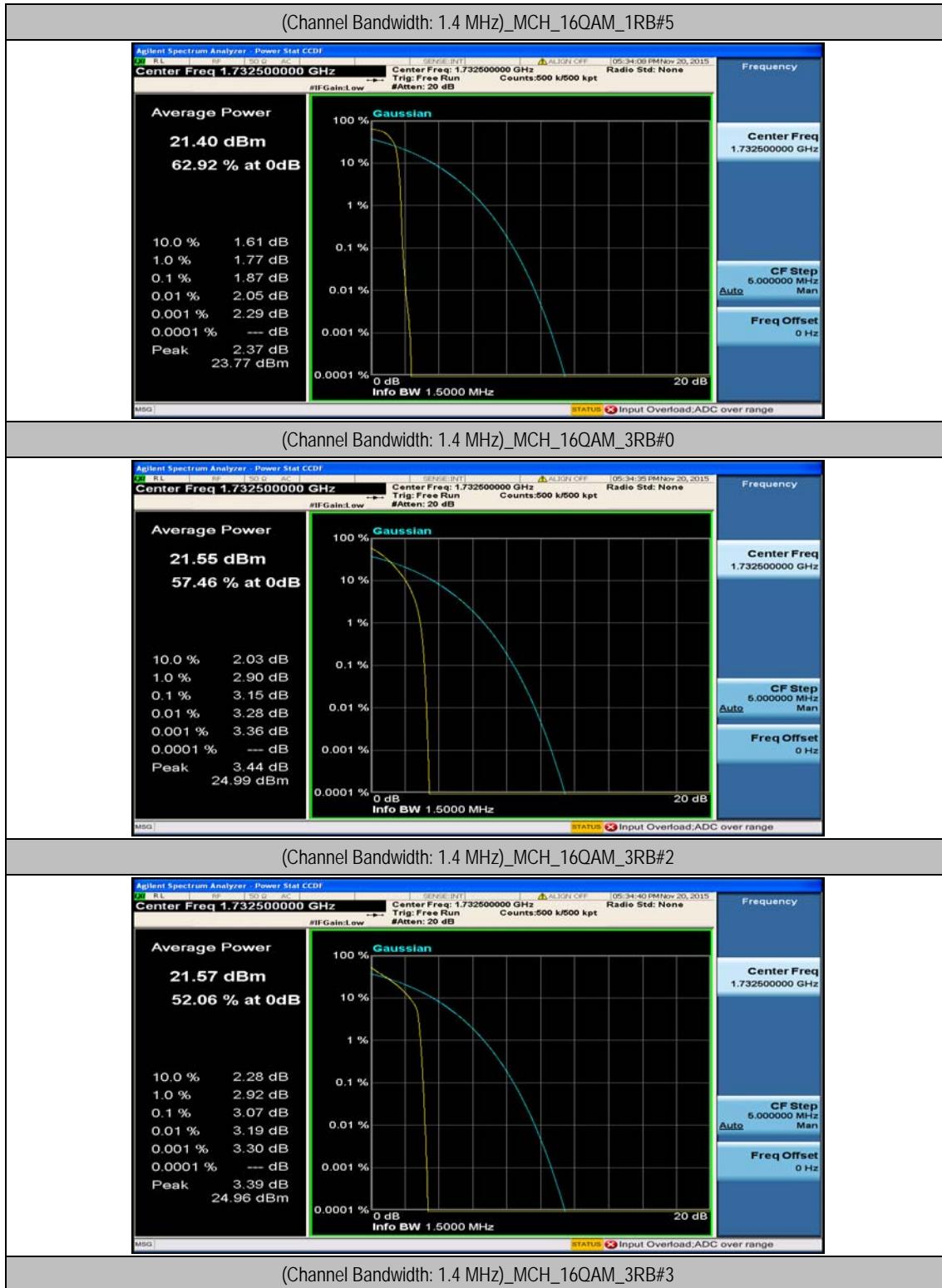


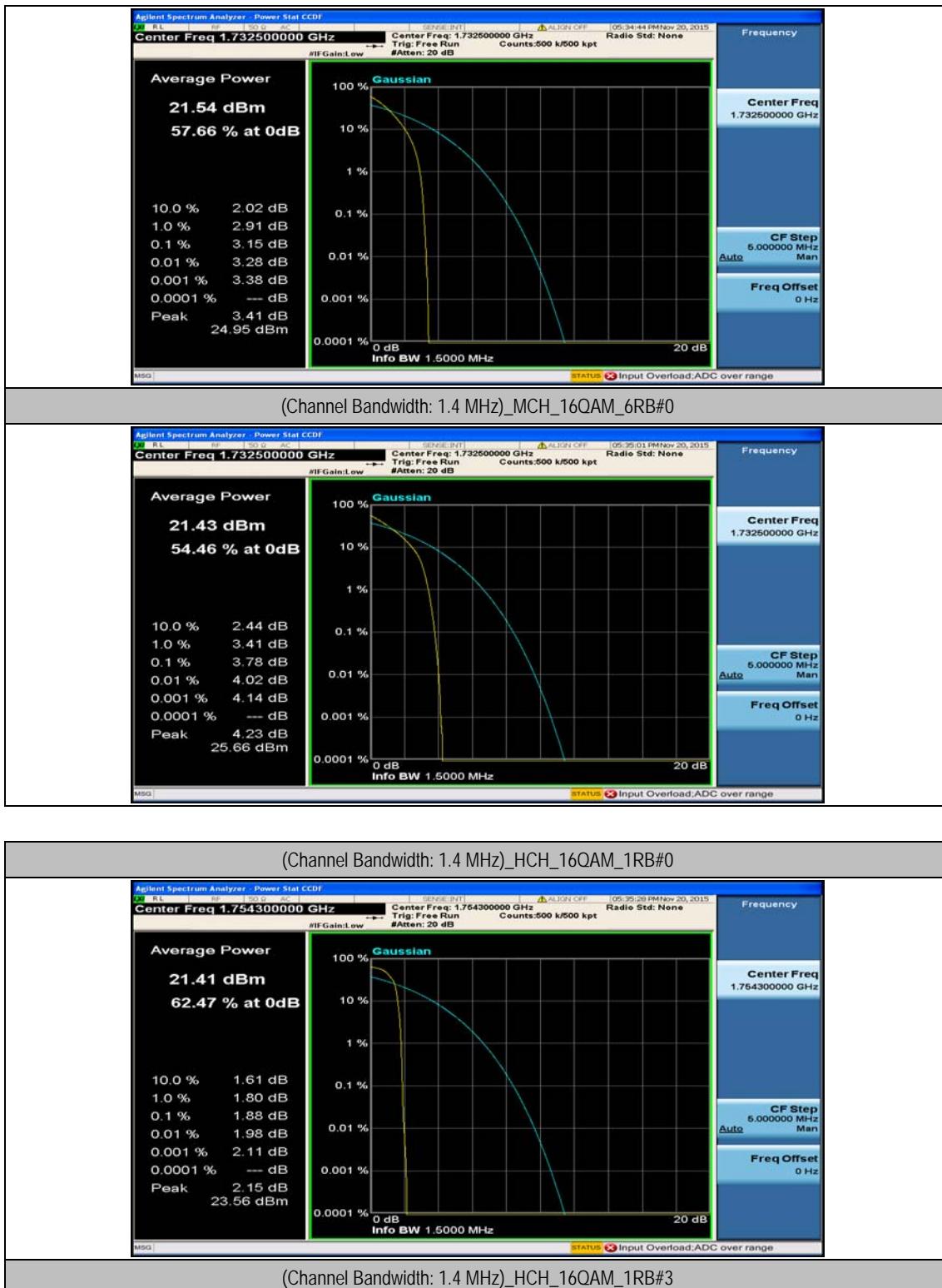


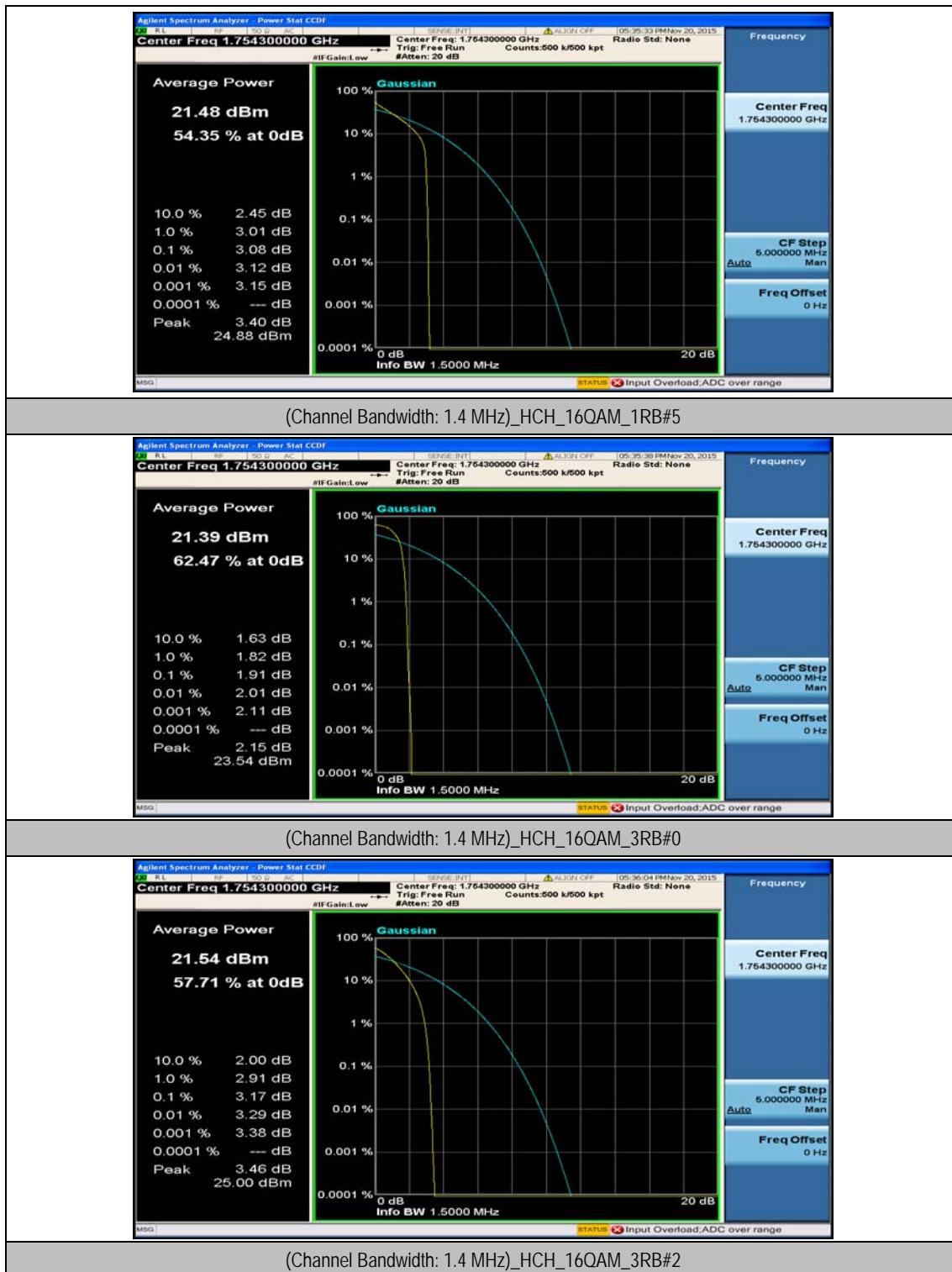


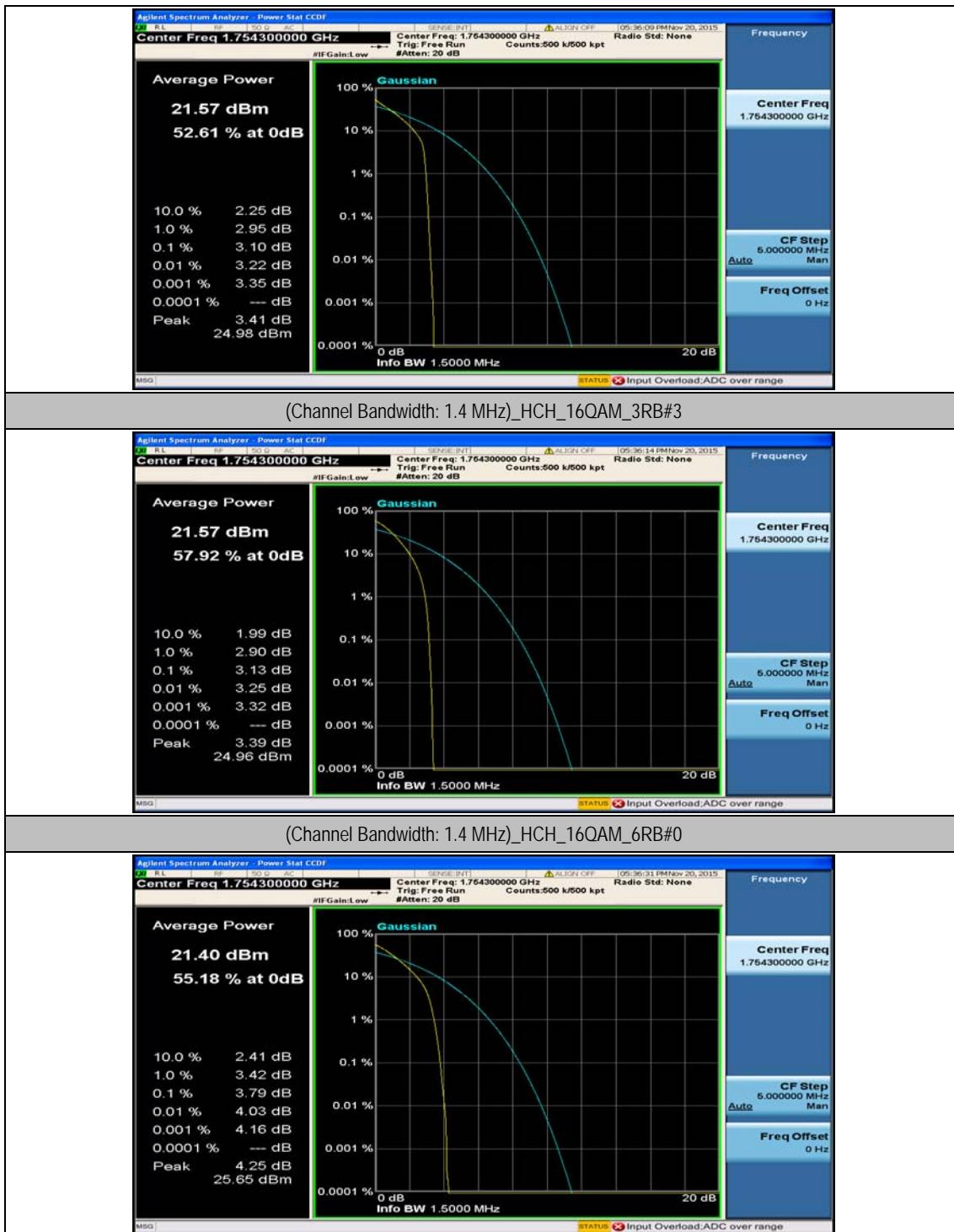




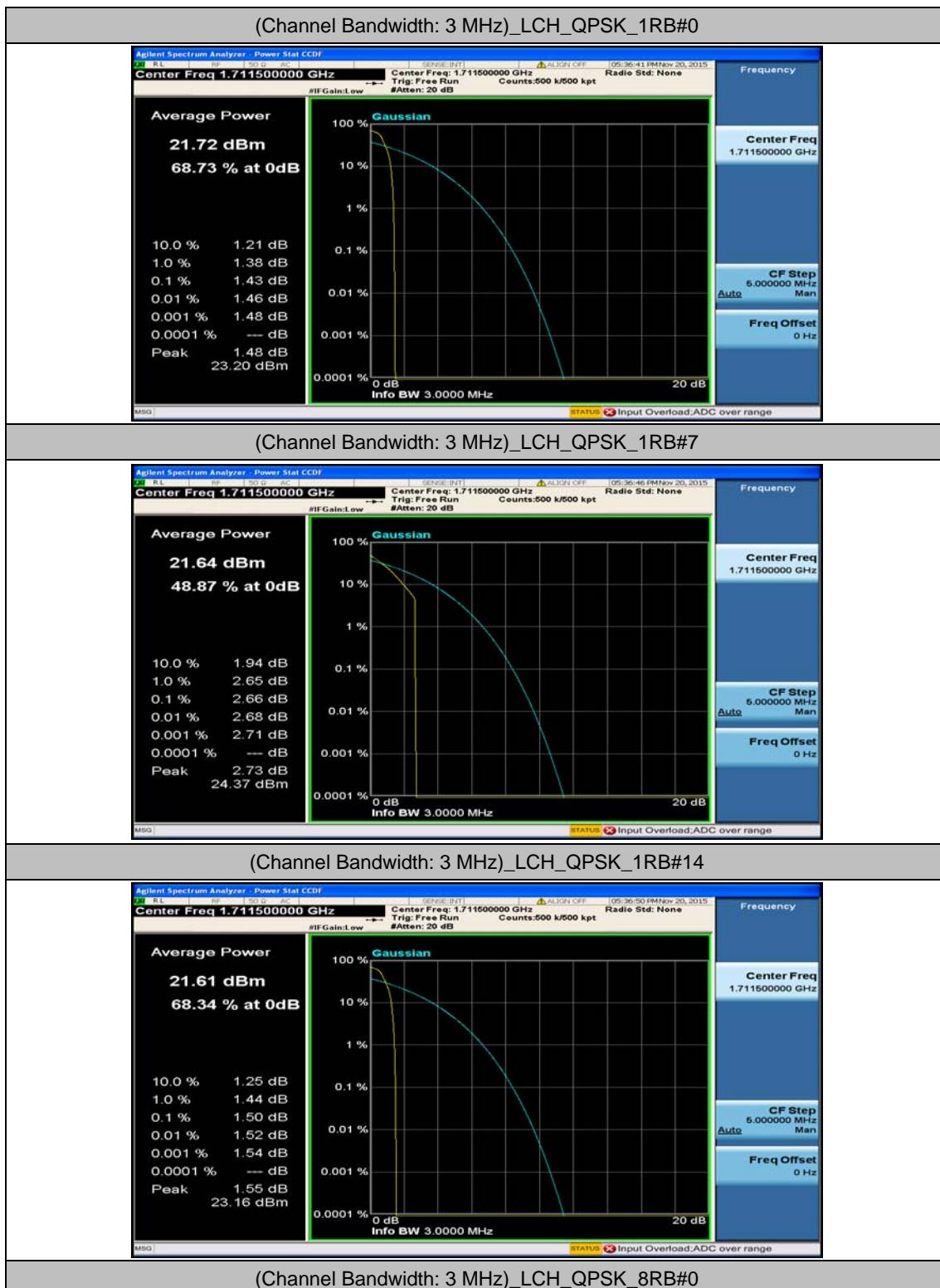


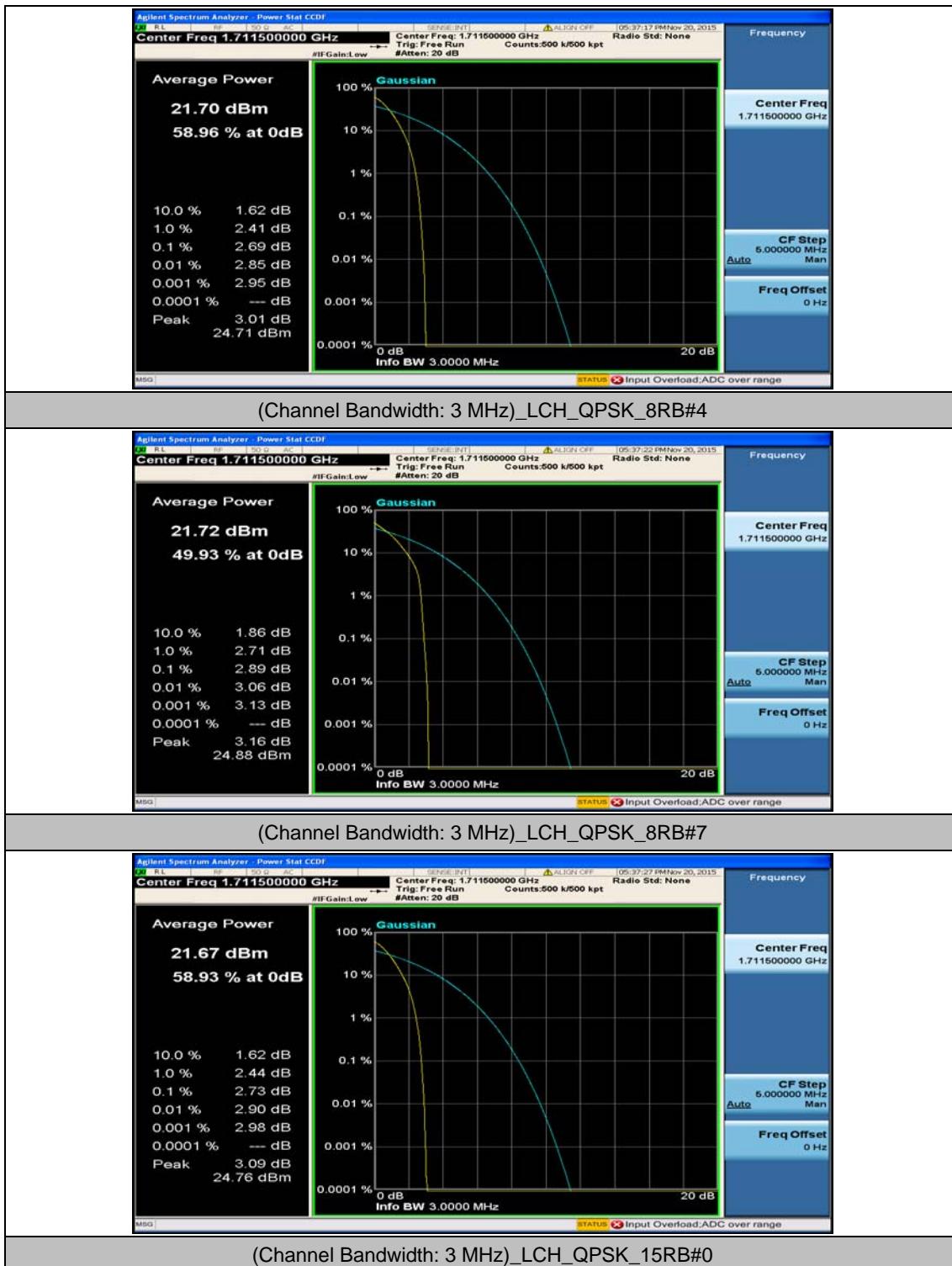


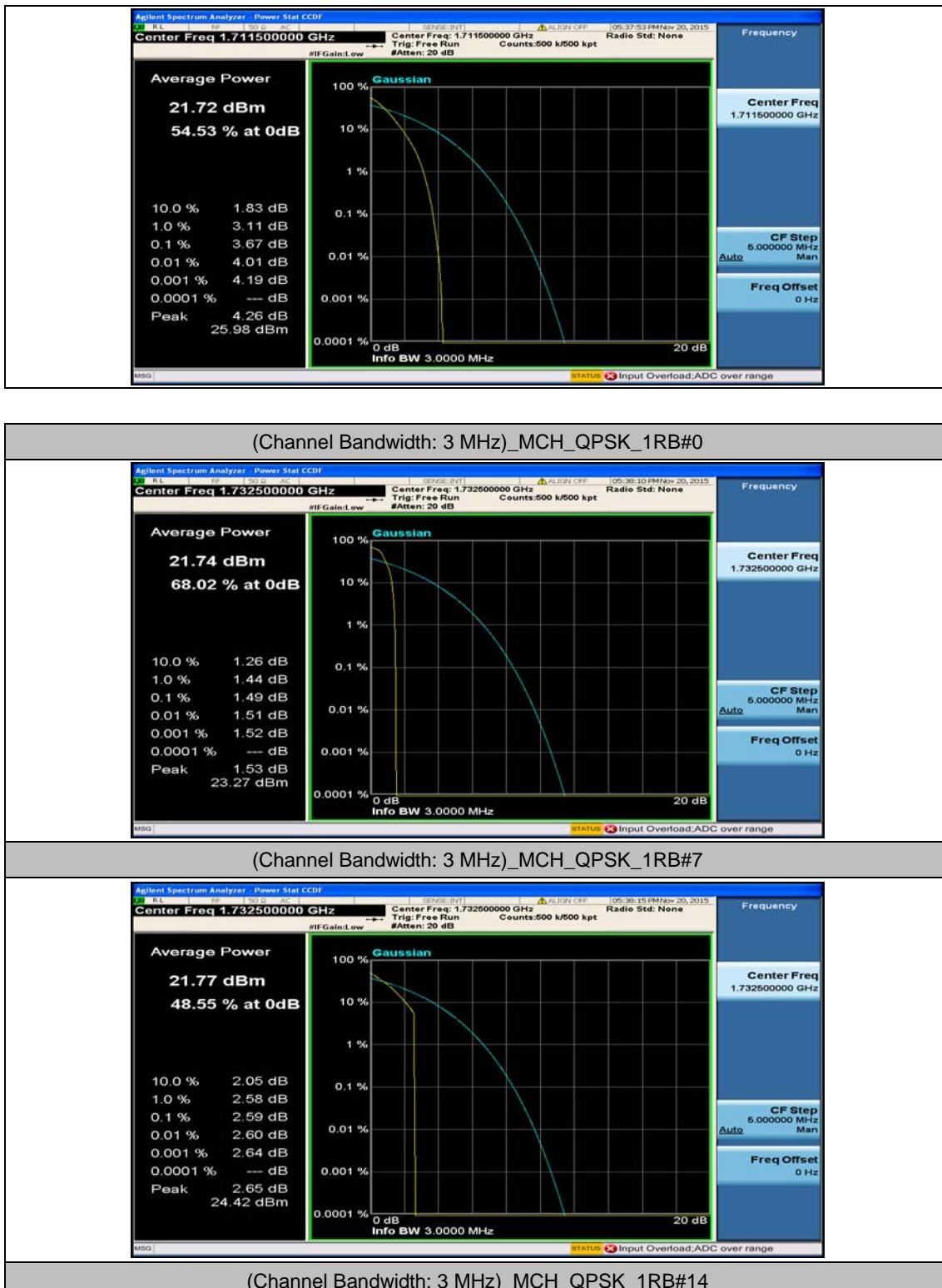


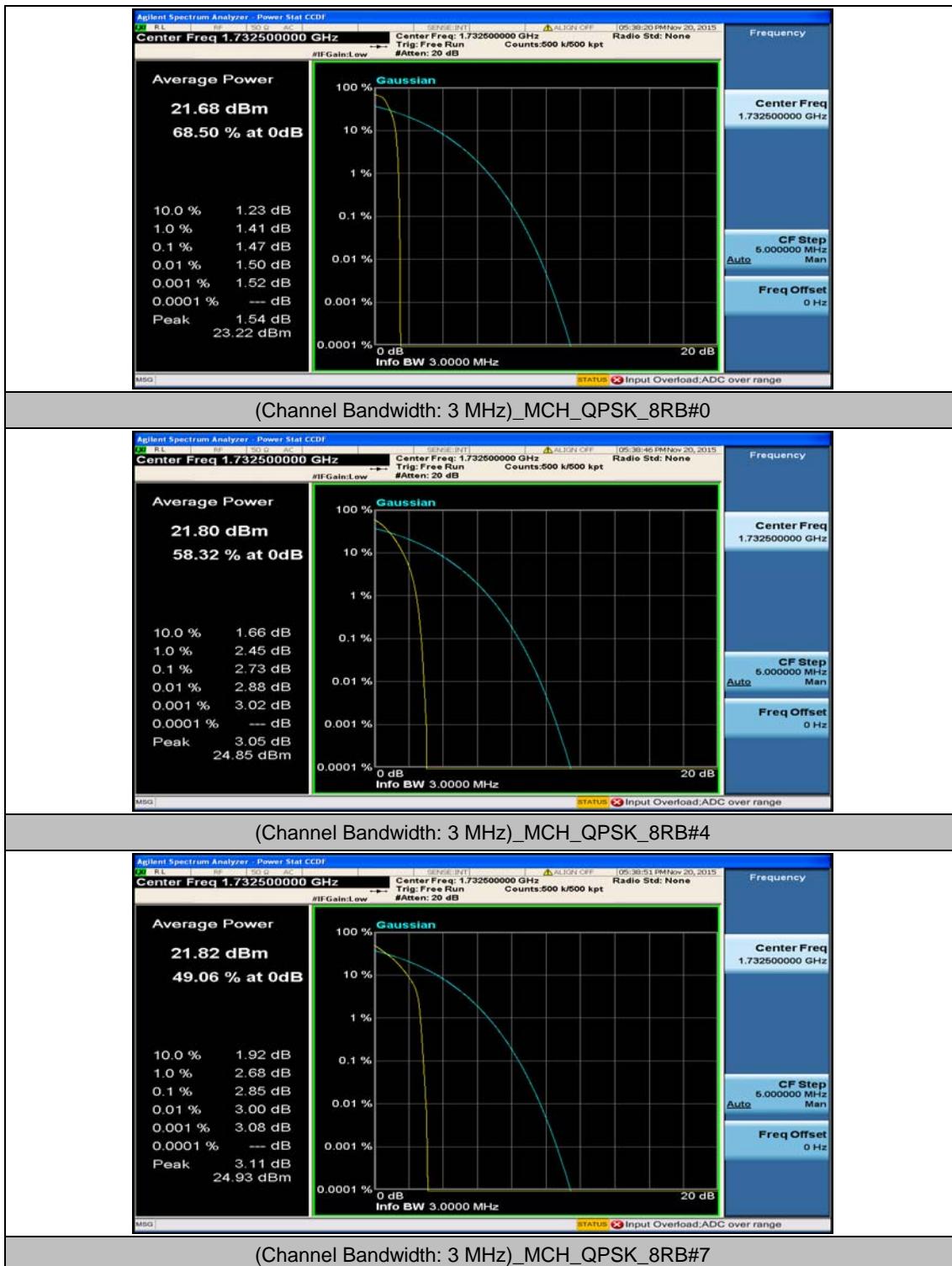


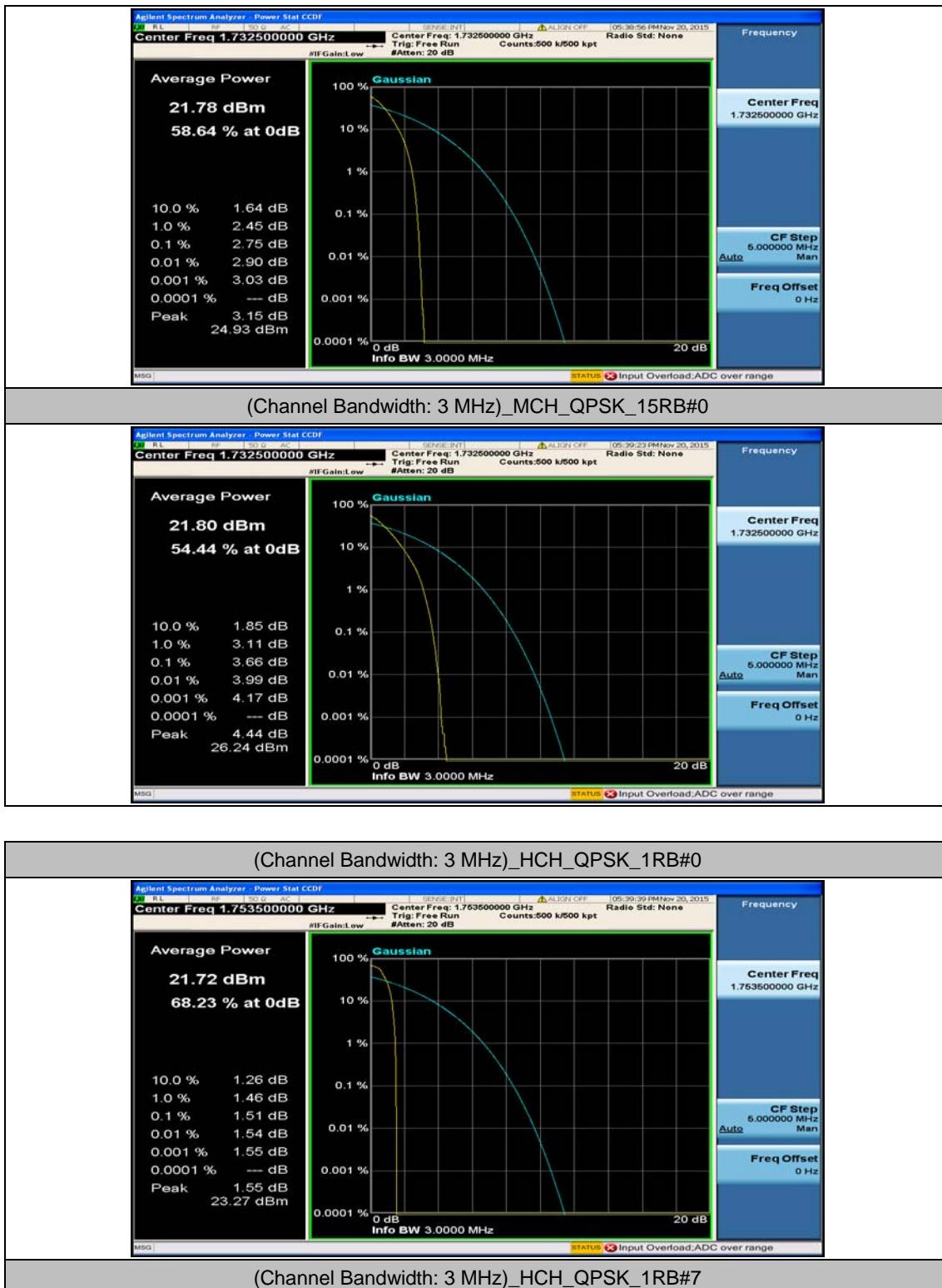
Channel Bandwidth: 3 MHz

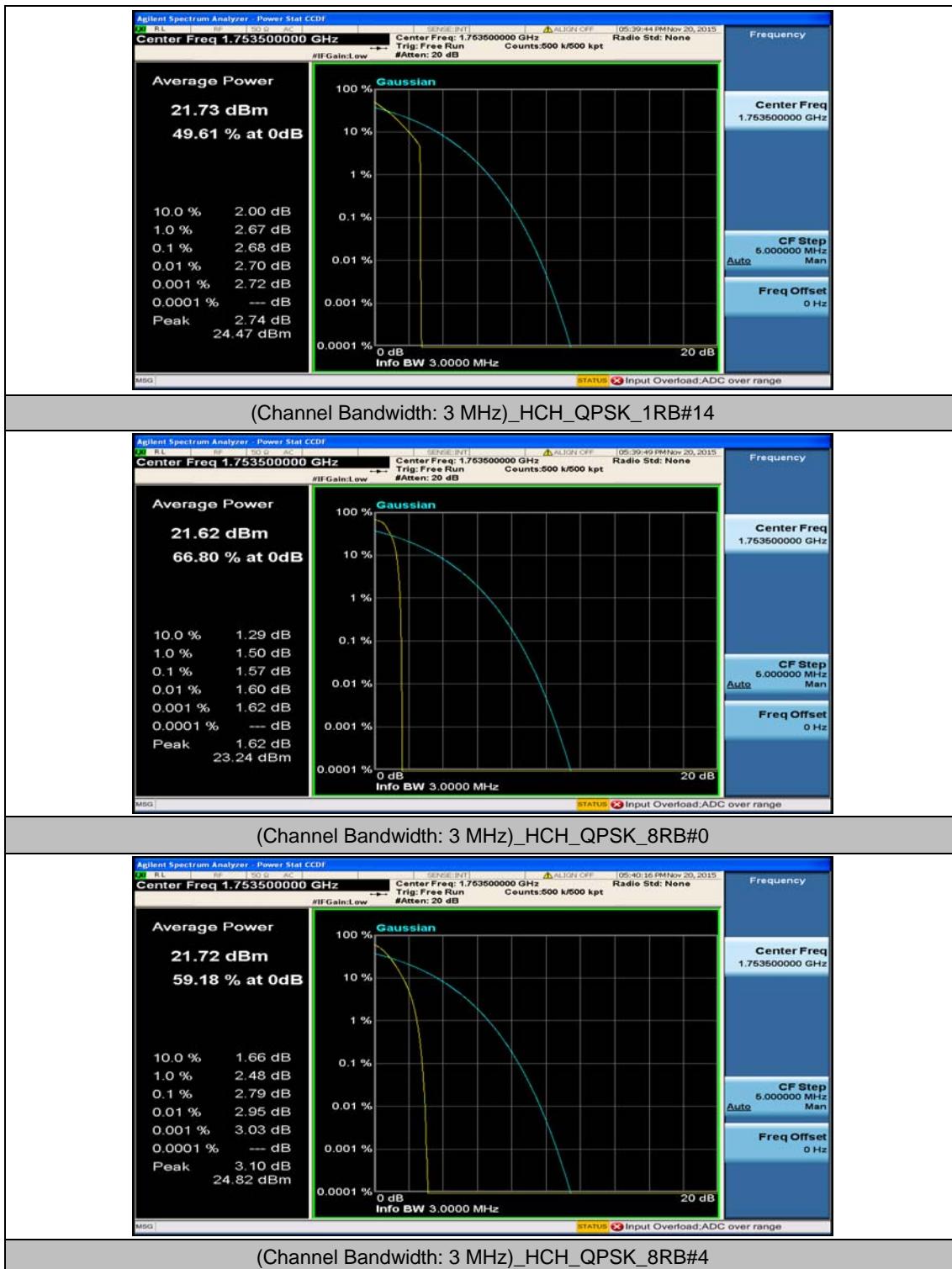


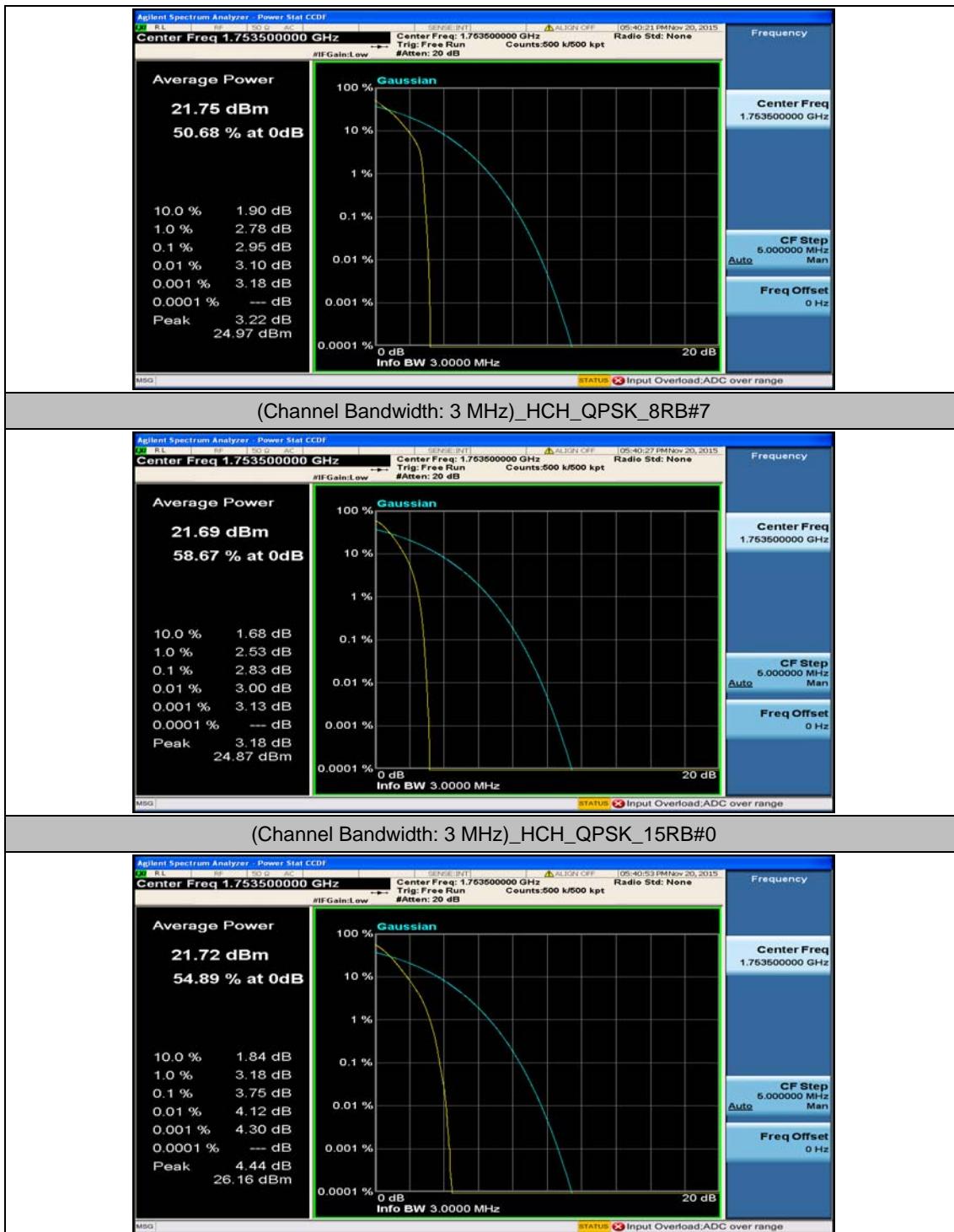


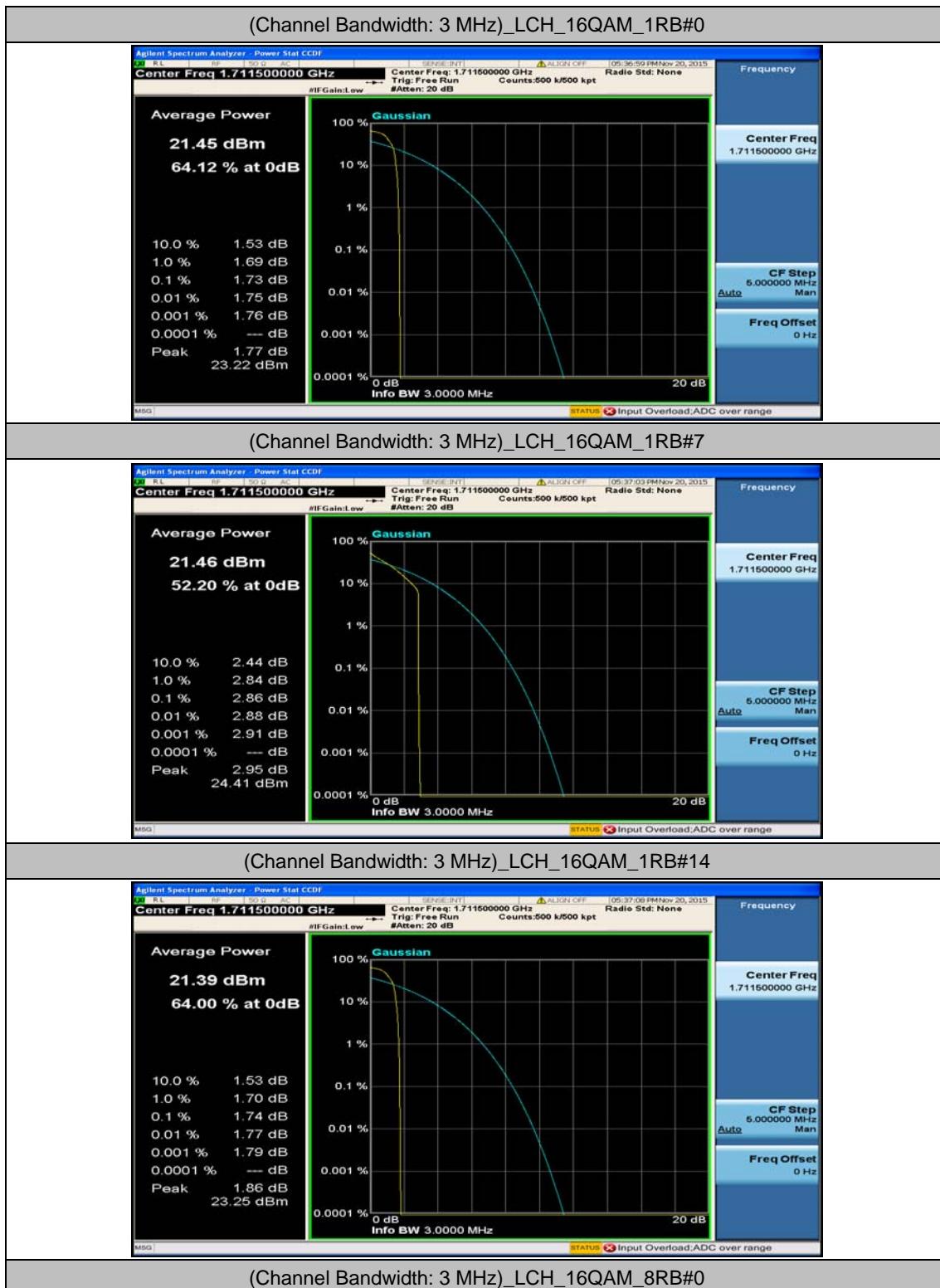


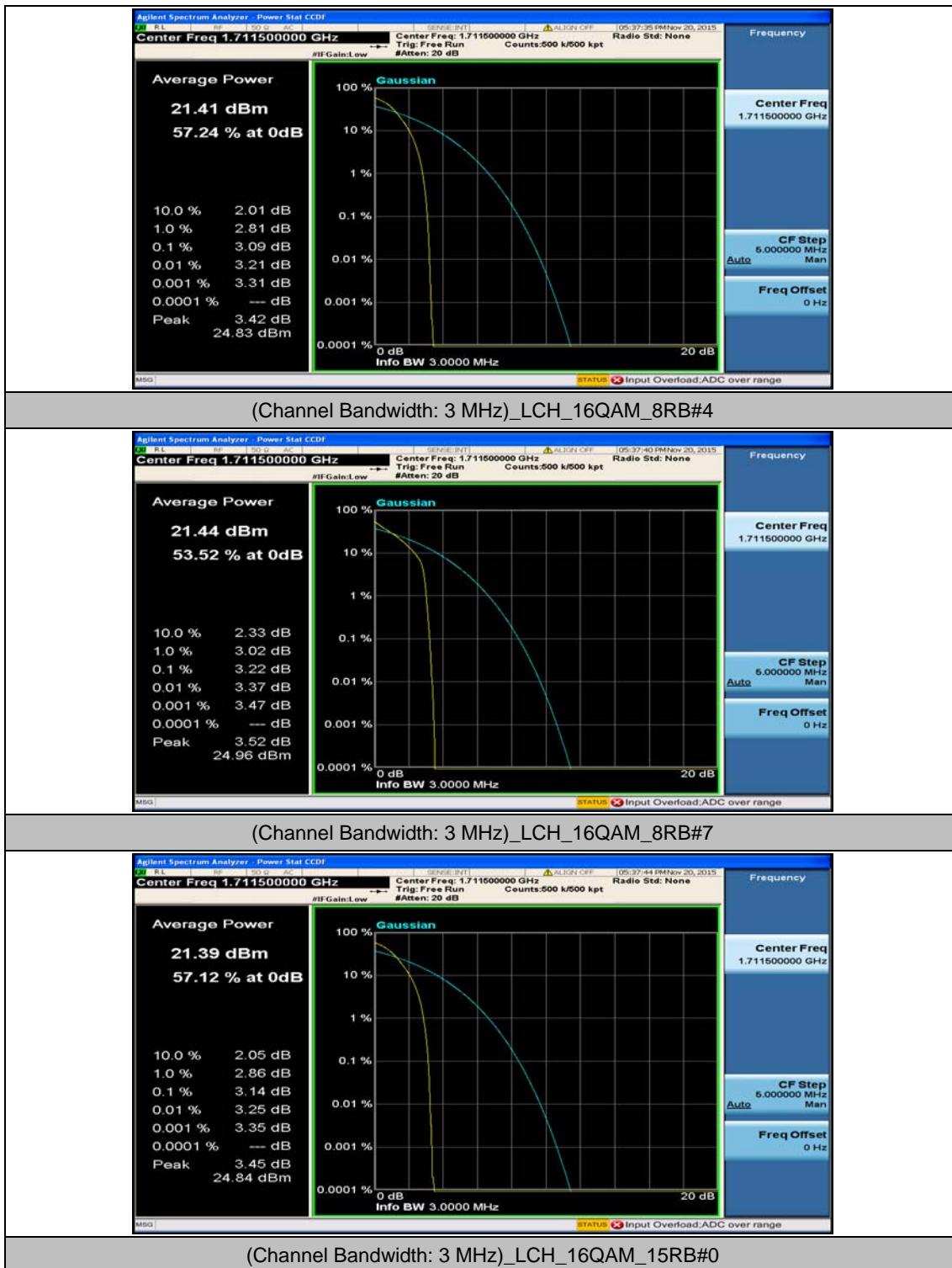


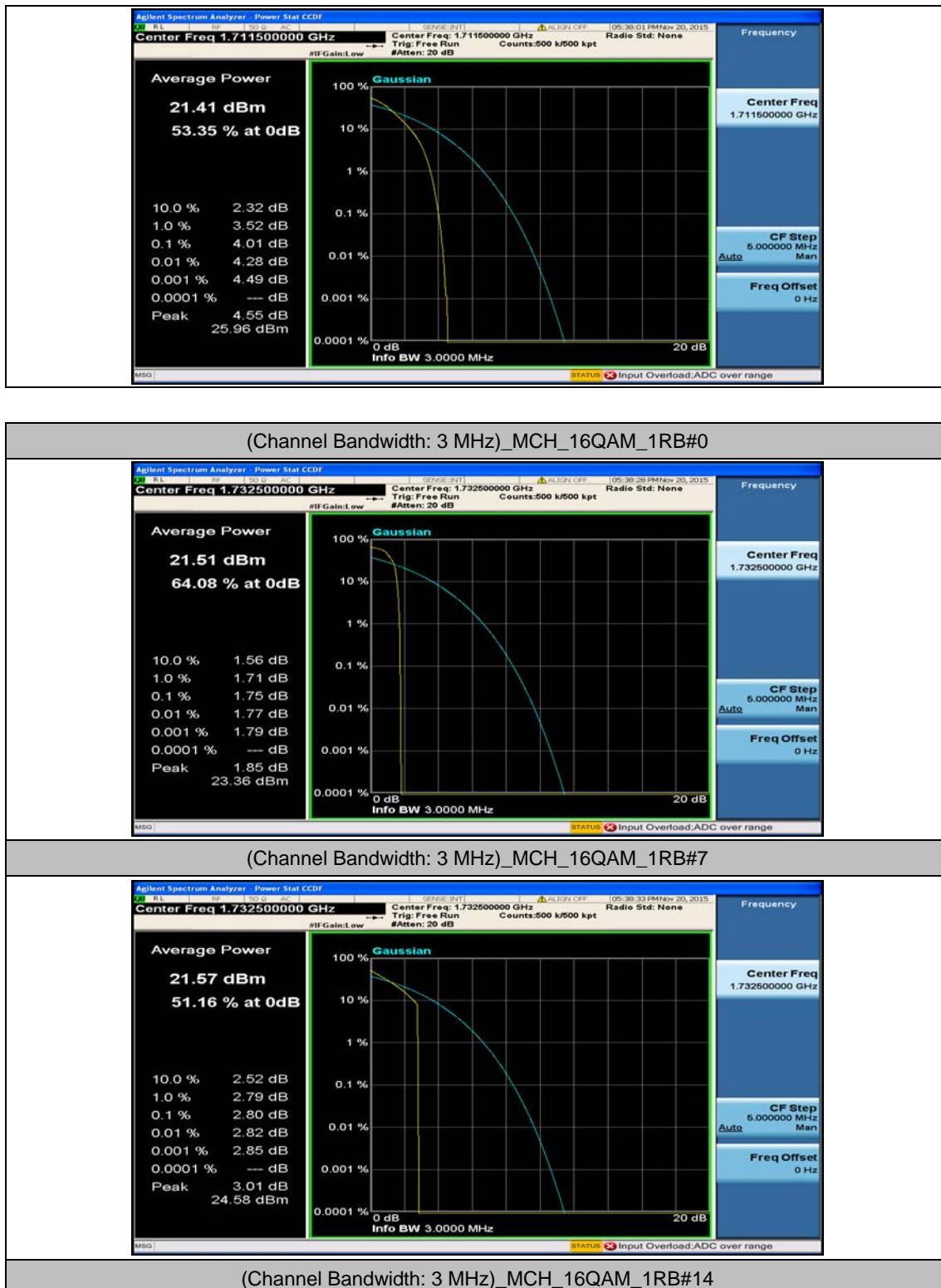


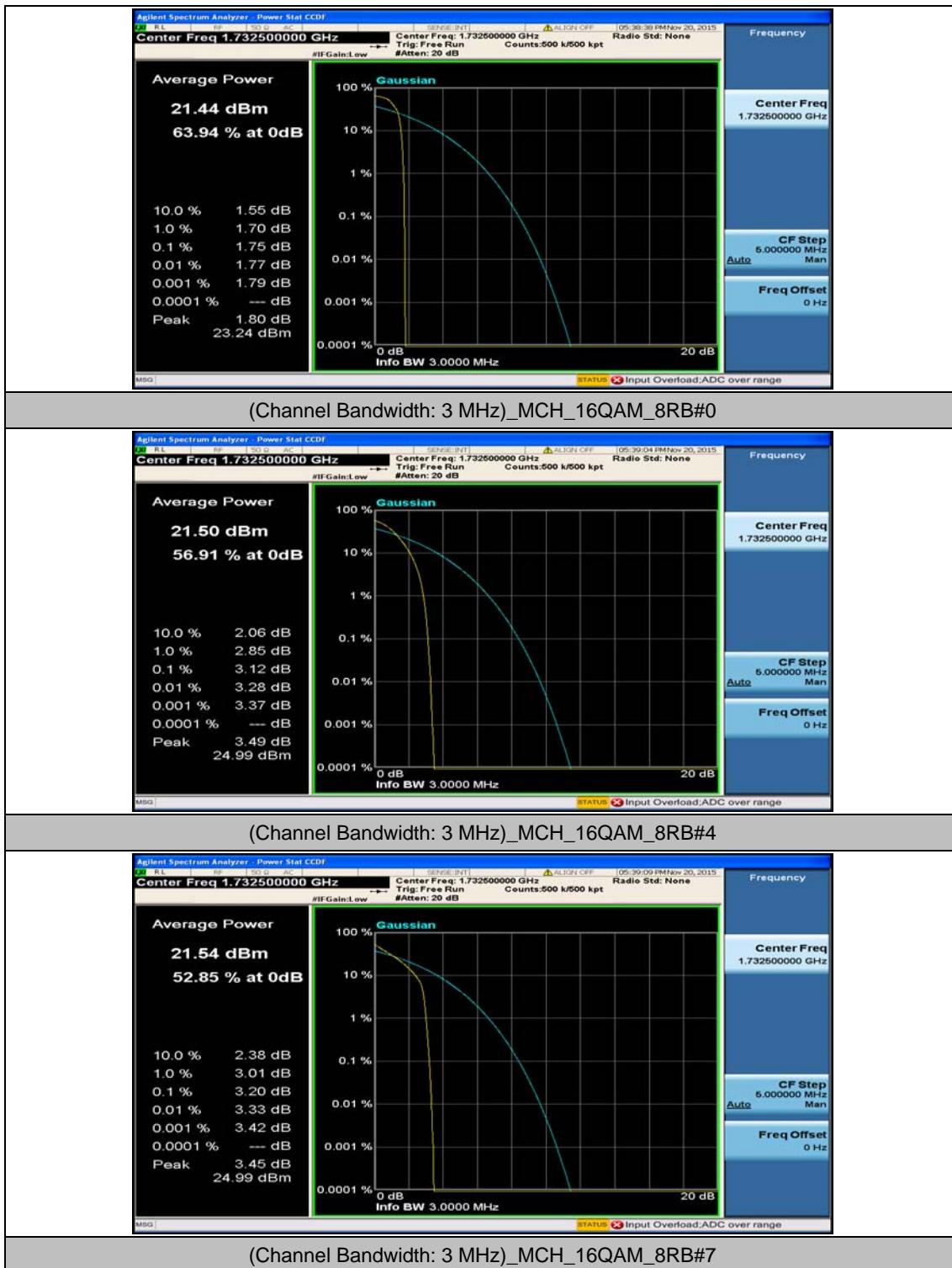




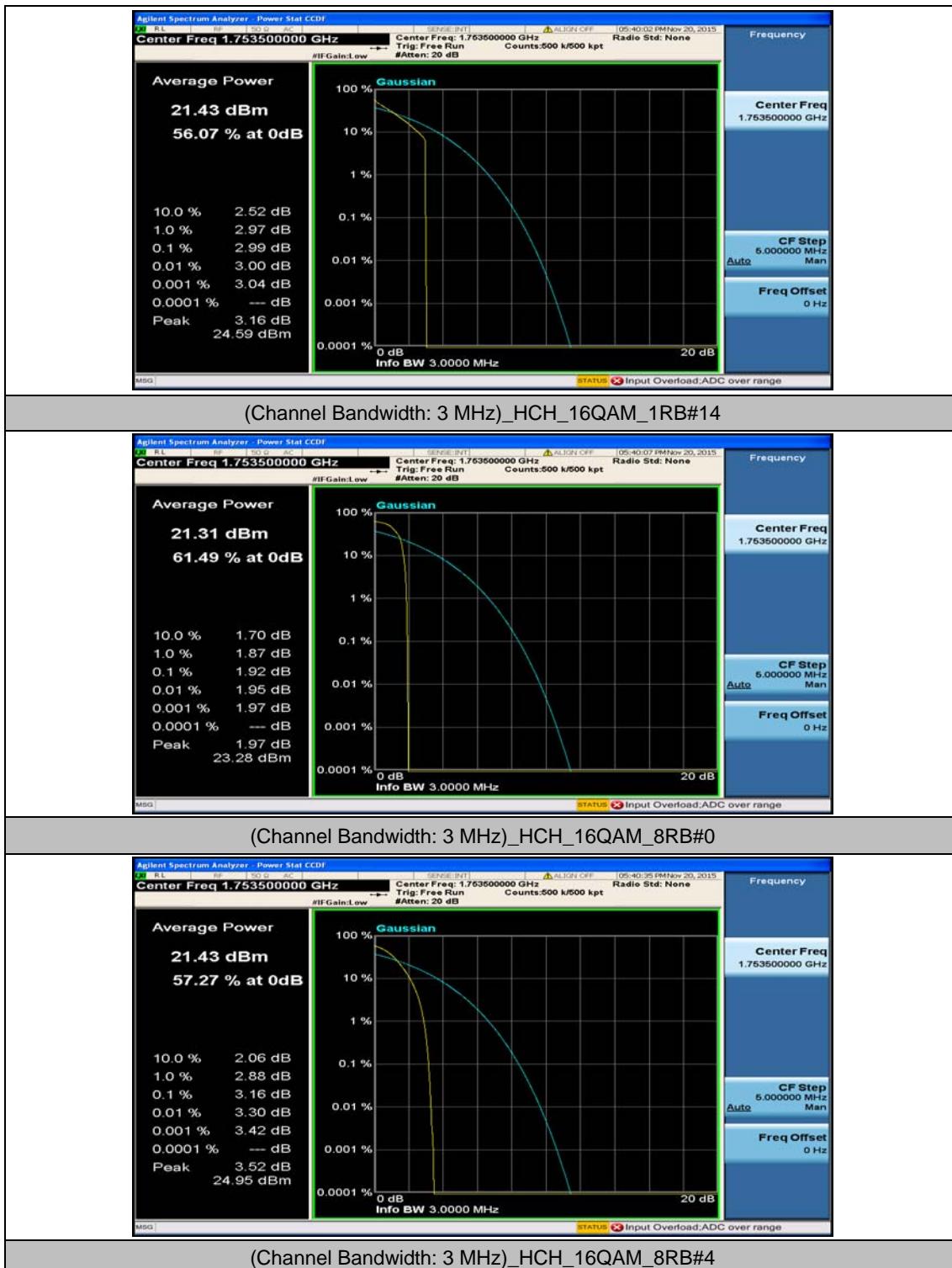


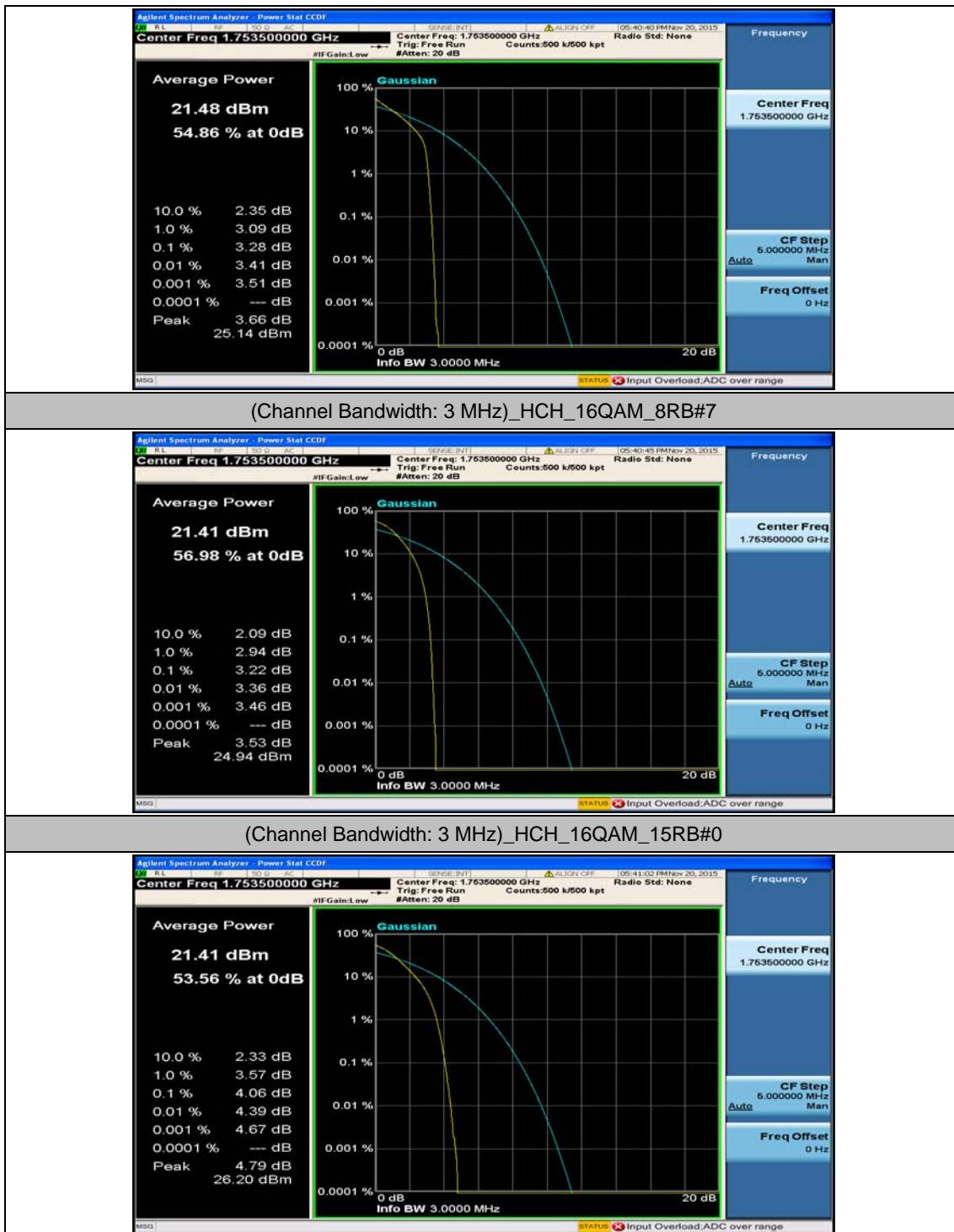












Channel Bandwidth: 5 MHz

