

Appendix A: Conducted Output Power Data

Test Result

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	24.20	PASS
		1	12	24.08	PASS
		1	24	24.23	PASS
		12	0	22.93	PASS
		12	6	22.95	PASS
		12	13	23.29	PASS
		25	0	22.96	PASS
	MCH	1	0	23.18	PASS
		1	12	22.82	PASS
		1	24	23.27	PASS
		12	0	22.13	PASS
		12	6	22.02	PASS
		12	13	22.24	PASS
		25	0	22.24	PASS
	HCH	1	0	22.81	PASS
		1	12	22.17	PASS
		1	24	22.30	PASS
		12	0	21.63	PASS
		12	6	21.46	PASS
		12	13	21.43	PASS
		25	0	21.54	PASS
16QAM	LCH	1	0	23.36	PASS
		1	12	23.29	PASS
		1	24	23.46	PASS
		12	0	21.96	PASS
		12	6	22.09	PASS
		12	13	22.42	PASS
		25	0	22.04	PASS
	MCH	1	0	22.31	PASS
		1	12	21.86	PASS

		1	24	22.45	PASS
		12	0	21.33	PASS
		12	6	21.25	PASS
		12	13	21.42	PASS
		25	0	21.36	PASS
	HCH	1	0	22.06	PASS
		1	12	21.40	PASS
		1	24	21.63	PASS
		12	0	20.78	PASS
		12	6	20.66	PASS
		12	13	20.65	PASS
		25	0	20.69	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.15	PASS
		1	24	24.08	PASS
		1	49	24.19	PASS
		25	0	22.84	PASS
		25	12	23.32	PASS
		25	25	23.30	PASS
		50	0	23.30	PASS
	MCH	1	0	22.60	PASS
		1	24	22.55	PASS
		1	49	22.70	PASS
		25	0	21.96	PASS
		25	12	22.01	PASS
		25	25	22.12	PASS
		50	0	22.08	PASS
	HCH	1	0	22.63	PASS
		1	24	22.06	PASS
		1	49	21.67	PASS
		25	0	21.42	PASS
		25	12	21.30	PASS
		25	25	21.27	PASS
		50	0	21.39	PASS
16QAM	LCH	1	0	22.47	PASS
		1	24	23.45	PASS
		1	49	23.36	PASS
		25	0	21.88	PASS

		25	12	22.30	PASS
		25	25	22.28	PASS
		50	0	22.29	PASS
MCH		1	0	21.99	PASS
		1	24	21.97	PASS
		1	49	22.27	PASS
		25	0	21.07	PASS
		25	12	21.14	PASS
		25	25	21.26	PASS
		50	0	21.19	PASS
		1	0	22.08	PASS
HCH		1	24	21.57	PASS
		1	49	21.22	PASS
		25	0	20.58	PASS
		25	12	20.46	PASS
		25	25	20.42	PASS
		50	0	20.57	PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.16	PASS
		1	37	24.12	PASS
		1	74	24.08	PASS
		37	0	23.01	PASS
		37	18	23.39	PASS
		37	38	23.29	PASS
		75	0	23.39	PASS
	MCH	1	0	22.72	PASS
		1	37	22.50	PASS
		1	74	23.03	PASS
		37	0	21.94	PASS
		37	18	21.90	PASS
		37	38	22.16	PASS
		75	0	22.05	PASS
	HCH	1	0	23.40	PASS
		1	37	22.05	PASS
		1	74	21.91	PASS
		37	0	22.05	PASS
		37	18	21.42	PASS
		37	38	21.23	PASS

		75	0	21.68	PASS
16QAM	LCH	1	0	22.49	PASS
		1	37	23.40	PASS
		1	74	23.23	PASS
		37	0	22.07	PASS
		37	18	22.29	PASS
		37	38	22.20	PASS
		75	0	22.34	PASS
	MCH	1	0	22.10	PASS
		1	37	21.91	PASS
		1	74	22.61	PASS
		37	0	21.05	PASS
		37	18	21.10	PASS
		37	38	21.31	PASS
		75	0	21.23	PASS
	HCH	1	0	22.82	PASS
		1	37	21.40	PASS
		1	74	21.34	PASS
		37	0	21.26	PASS
		37	18	20.55	PASS
		37	38	20.42	PASS
		75	0	20.75	PASS

Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.38	PASS
		1	49	24.28	PASS
		1	99	24.05	PASS
		50	0	23.30	PASS
		50	25	23.21	PASS
		50	50	23.16	PASS
		100	0	23.24	PASS
	MCH	1	0	23.17	PASS
		1	49	22.65	PASS
		1	99	23.27	PASS
		50	0	22.00	PASS
		50	25	21.98	PASS
		50	50	22.31	PASS
		100	0	22.14	PASS
	HCH	1	0	23.46	PASS

		1	49	22.58	PASS
		1	99	21.91	PASS
		50	0	22.43	PASS
		50	25	21.70	PASS
		50	50	21.21	PASS
		100	0	21.88	PASS
16QAM	LCH	1	0	22.64	PASS
		1	49	23.38	PASS
		1	99	23.29	PASS
		50	0	22.29	PASS
		50	25	22.17	PASS
		50	50	22.10	PASS
		100	0	22.22	PASS
	MCH	1	0	22.44	PASS
		1	49	21.91	PASS
		1	99	22.71	PASS
		50	0	21.09	PASS
		50	25	21.09	PASS
		50	50	21.44	PASS
		100	0	21.25	PASS
	HCH	1	0	22.96	PASS
		1	49	21.92	PASS
		1	99	21.35	PASS
		50	0	21.57	PASS
		50	25	20.81	PASS
		50	50	20.40	PASS
		100	0	20.95	PASS

Appendix B: Peak-to-Average Ratio

Test Result

Channel Bandwidth: 5 MHz

Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	1.59	<13	PASS
		1	12	2.82	<13	PASS
		1	24	1.22	<13	PASS
		12	0	2.9	<13	PASS
		12	6	3.39	<13	PASS
		12	13	2.82	<13	PASS
		25	0	4.04	<13	PASS
	MCH	1	0	1.64	<13	PASS
		1	12	3.3	<13	PASS
		1	24	1.56	<13	PASS
		12	0	2.9	<13	PASS
		12	6	3.71	<13	PASS
		12	13	2.92	<13	PASS
		25	0	4.12	<13	PASS
16QAM	LCH	1	0	1.91	<13	PASS
		1	12	3.51	<13	PASS
		1	24	1.97	<13	PASS
		12	0	3.29	<13	PASS
		12	6	4.09	<13	PASS
		12	13	3.41	<13	PASS
		25	0	4.44	<13	PASS
	MCH	1	0	2.33	<13	PASS
		1	12	3.53	<13	PASS
		1	24	1.89	<13	PASS
		12	0	3.69	<13	PASS
		12	6	4.18	<13	PASS
		12	13	3.5	<13	PASS
		25	0	4.66	<13	PASS

		1	24	2.1	<13	PASS
		12	0	3.66	<13	PASS
		12	6	4.43	<13	PASS
		12	13	3.69	<13	PASS
		25	0	4.79	<13	PASS
	HCH	1	0	2.66	<13	PASS
		1	12	4.26	<13	PASS
		1	24	2.69	<13	PASS
		12	0	4.03	<13	PASS
		12	6	4.79	<13	PASS
		12	13	4.04	<13	PASS
		25	0	5.09	<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	2.36	<13	PASS
		1	24	2.54	<13	PASS
		1	49	1.46	<13	PASS
		25	0	3.05	<13	PASS
		25	12	3.23	<13	PASS
		25	25	2.94	<13	PASS
		50	0	4.23	<13	PASS
	MCH	1	0	2.57	<13	PASS
		1	24	3.29	<13	PASS
		1	49	1.92	<13	PASS
		25	0	3.29	<13	PASS
		25	12	3.75	<13	PASS
		25	25	3.15	<13	PASS
		50	0	4.36	<13	PASS
	HCH	1	0	2.66	<13	PASS
		1	24	3.51	<13	PASS
		1	49	2.49	<13	PASS
		25	0	3.73	<13	PASS
		25	12	4.25	<13	PASS
		25	25	3.66	<13	PASS
		50	0	4.68	<13	PASS
16QAM	LCH	1	0	3.15	<13	PASS
		1	24	3.16	<13	PASS
		1	49	2.19	<13	PASS

		25	0	3.81	<13	PASS
		25	12	3.99	<13	PASS
		25	25	3.67	<13	PASS
		50	0	4.81	<13	PASS
MCH	MCH	1	0	3.33	<13	PASS
		1	24	4.05	<13	PASS
		1	49	2.54	<13	PASS
		25	0	4.03	<13	PASS
		25	12	4.44	<13	PASS
		25	25	3.85	<13	PASS
		50	0	4.95	<13	PASS
HCH	HCH	1	0	3.5	<13	PASS
		1	24	4.28	<13	PASS
		1	49	3.24	<13	PASS
		25	0	4.46	<13	PASS
		25	12	4.93	<13	PASS
		25	25	4.36	<13	PASS
		50	0	5.31	<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	10.01	<13	PASS
		1	37	2.4	<13	PASS
		1	74	9.35	<13	PASS
		37	0	3.91	<13	PASS
		37	18	3.6	<13	PASS
		37	38	3.8	<13	PASS
		75	0	4.78	<13	PASS
	MCH	1	0	10.41	<13	PASS
		1	37	3.29	<13	PASS
		1	74	9.29	<13	PASS
		37	0	4.23	<13	PASS
		37	18	4.13	<13	PASS
		37	38	3.89	<13	PASS
		75	0	4.79	<13	PASS
	HCH	1	0	9.59	<13	PASS
		1	37	3.51	<13	PASS
		1	74	8.73	<13	PASS
		37	0	4.12	<13	PASS

		37	18	4.5	<13	PASS
		37	38	4.09	<13	PASS
		75	0	4.81	<13	PASS
16QAM	LCH	1	0	9.67	<13	PASS
		1	37	3.12	<13	PASS
		1	74	9.36	<13	PASS
		37	0	4.62	<13	PASS
		37	18	4.39	<13	PASS
		37	38	4.55	<13	PASS
		75	0	5.41	<13	PASS
	MCH	1	0	9.81	<13	PASS
		1	37	4.06	<13	PASS
		1	74	9.58	<13	PASS
		37	0	5.11	<13	PASS
		37	18	4.73	<13	PASS
		37	38	4.71	<13	PASS
		75	0	5.55	<13	PASS
	HCH	1	0	9.46	<13	PASS
		1	37	4.25	<13	PASS
		1	74	9.35	<13	PASS
		37	0	5.01	<13	PASS
		37	18	5.15	<13	PASS
		37	38	5.06	<13	PASS
		75	0	5.68	<13	PASS

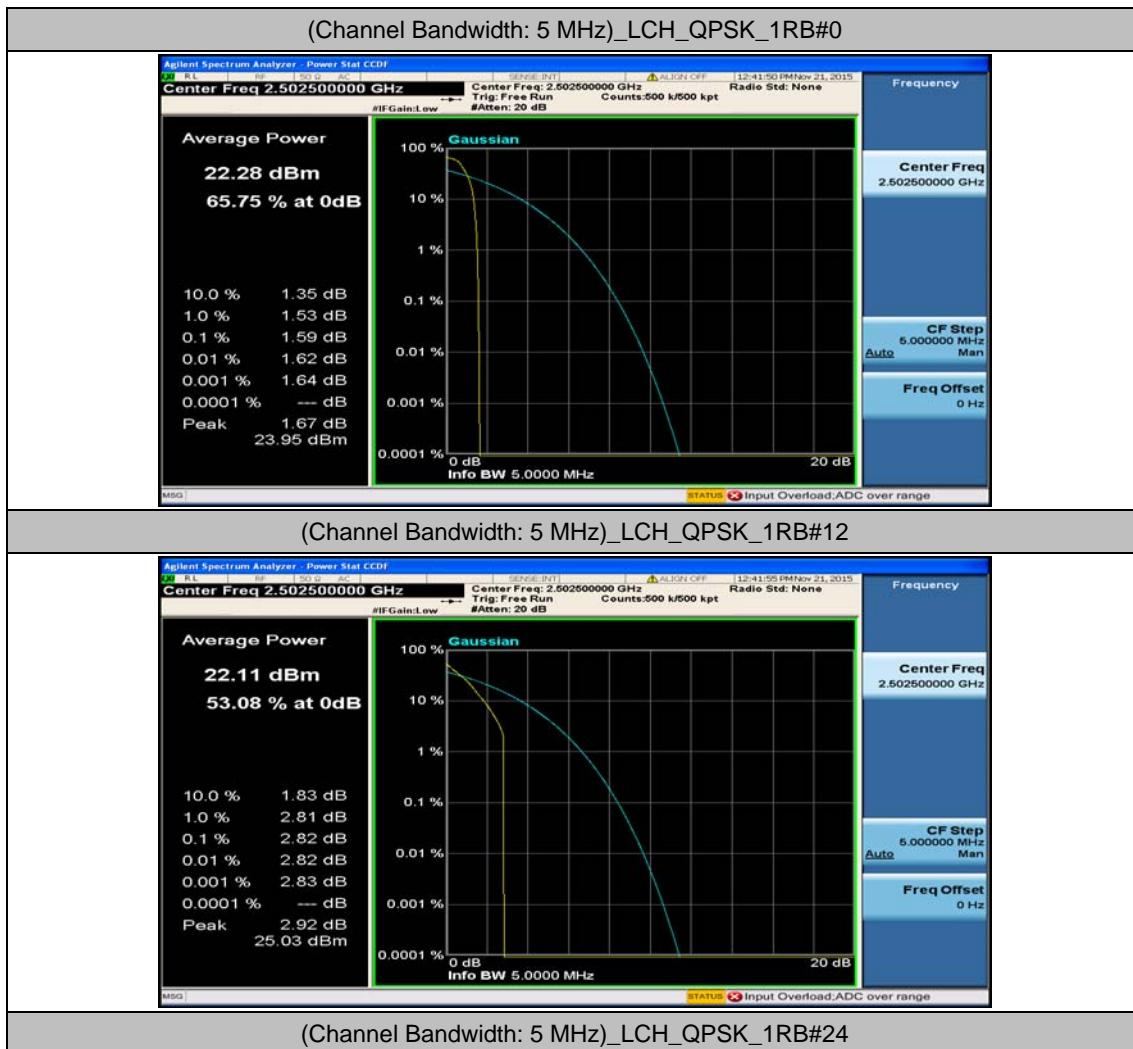
Channel Bandwidth: 20 MHz

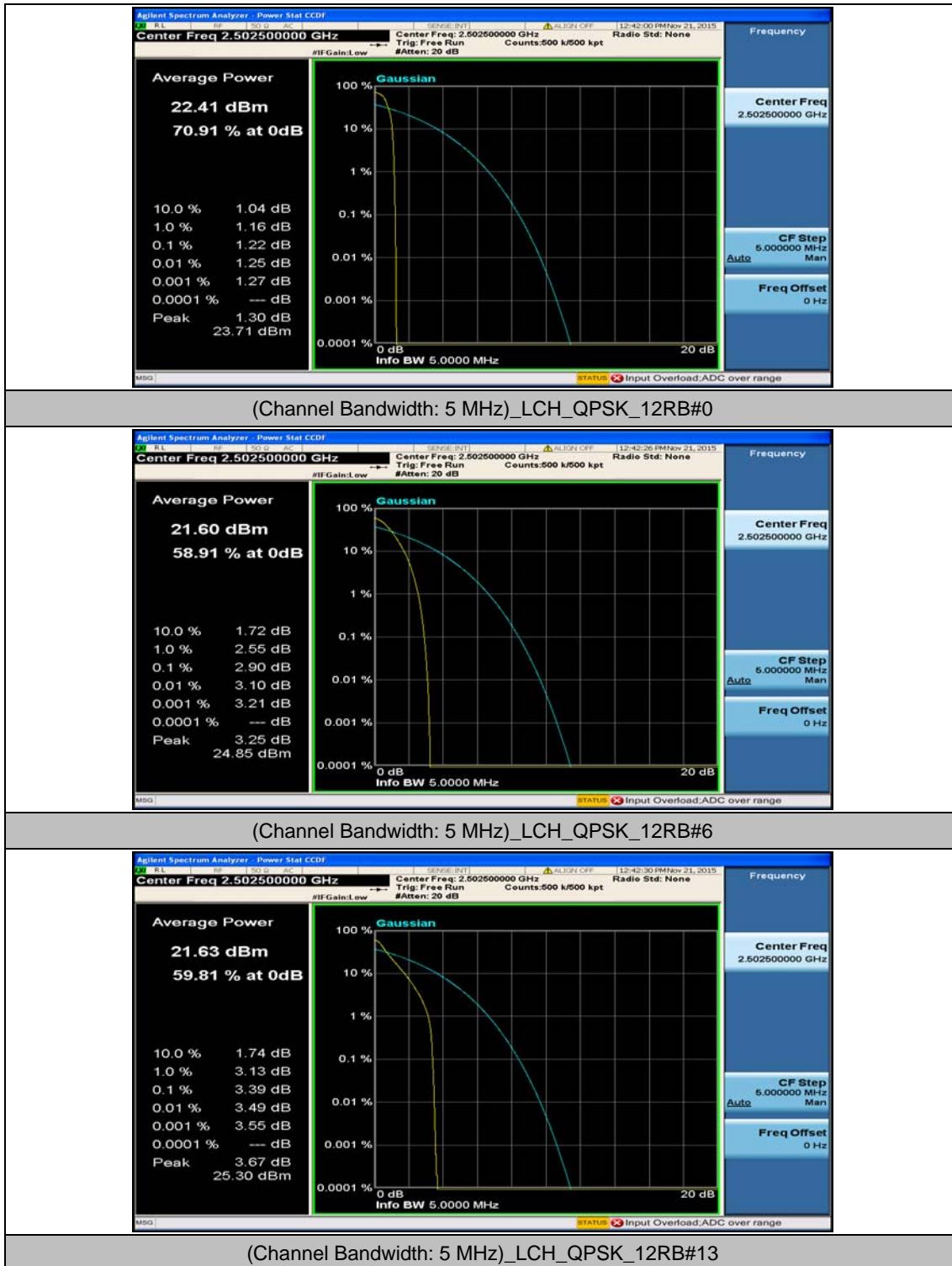
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	9.3	<13	PASS
		1	49	2.48	<13	PASS
		1	99	8.63	<13	PASS
		50	0	4.56	<13	PASS
		50	25	4.23	<13	PASS
		50	50	4.73	<13	PASS
		100	0	5.54	<13	PASS
	MCH	1	0	8.8	<13	PASS
		1	49	3.29	<13	PASS
		1	99	11.03	<13	PASS
		50	0	5.16	<13	PASS
		50	25	4.39	<13	PASS

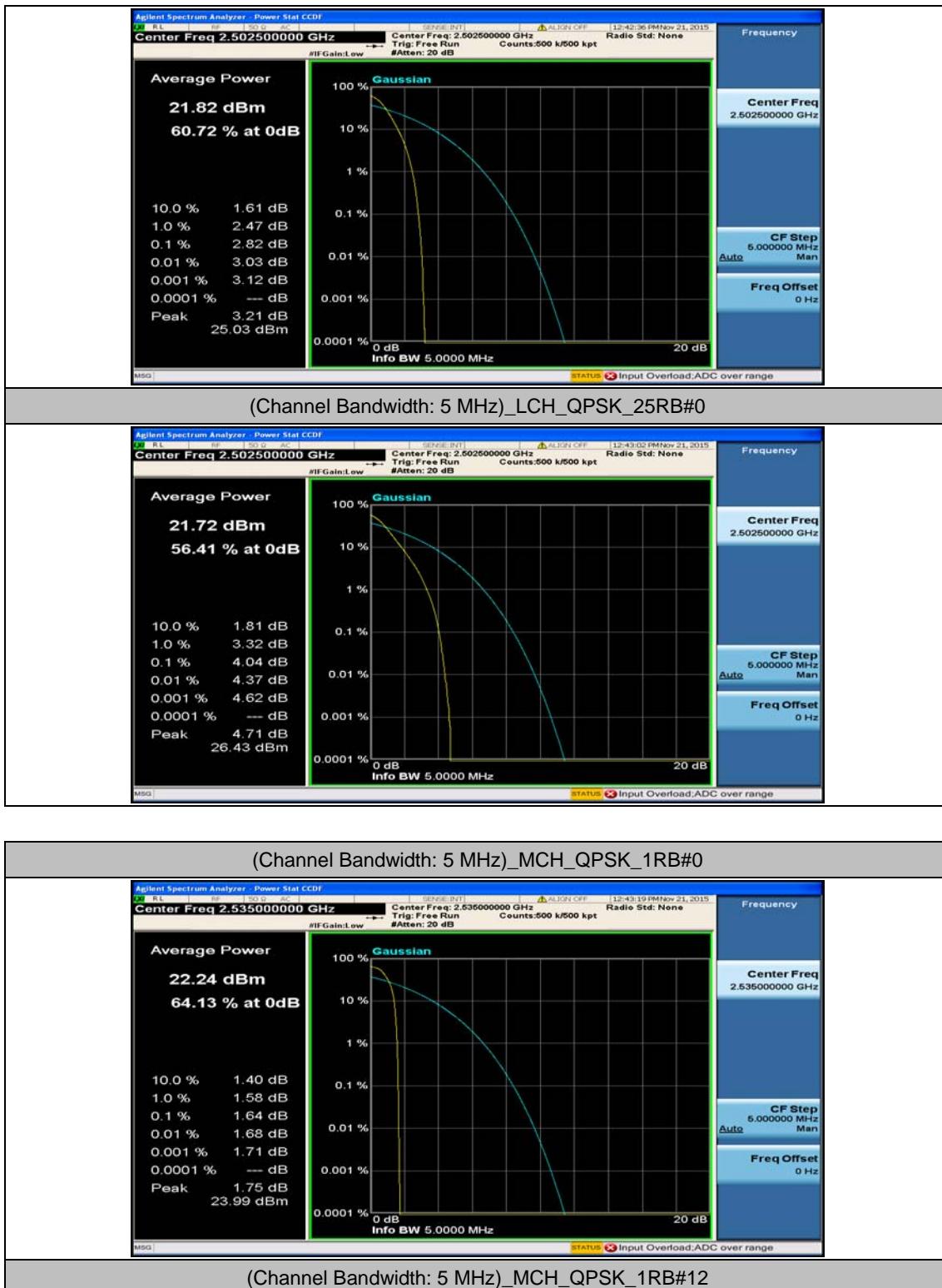
		50	50	4.84	<13	PASS
		100	0	5.61	<13	PASS
16QAM	HCH	1	0	10.76	<13	PASS
		1	49	3.29	<13	PASS
		1	99	9.38	<13	PASS
		50	0	4.78	<13	PASS
		50	25	4.65	<13	PASS
		50	50	5.36	<13	PASS
		100	0	5.54	<13	PASS
		1	0	9.18	<13	PASS
16QAM	LCH	1	49	3.08	<13	PASS
		1	99	8.88	<13	PASS
		50	0	5.2	<13	PASS
		50	25	4.79	<13	PASS
		50	50	5.33	<13	PASS
		100	0	5.95	<13	PASS
		1	0	9.05	<13	PASS
16QAM	MCH	1	49	3.92	<13	PASS
		1	99	10.11	<13	PASS
		50	0	6.01	<13	PASS
		50	25	4.99	<13	PASS
		50	50	5.43	<13	PASS
		100	0	6.16	<13	PASS
		1	0	10.96	<13	PASS
16QAM	HCH	1	49	3.97	<13	PASS
		1	99	9.29	<13	PASS
		50	0	5.58	<13	PASS
		50	25	5.27	<13	PASS
		50	50	5.94	<13	PASS
		100	0	6.21	<13	PASS

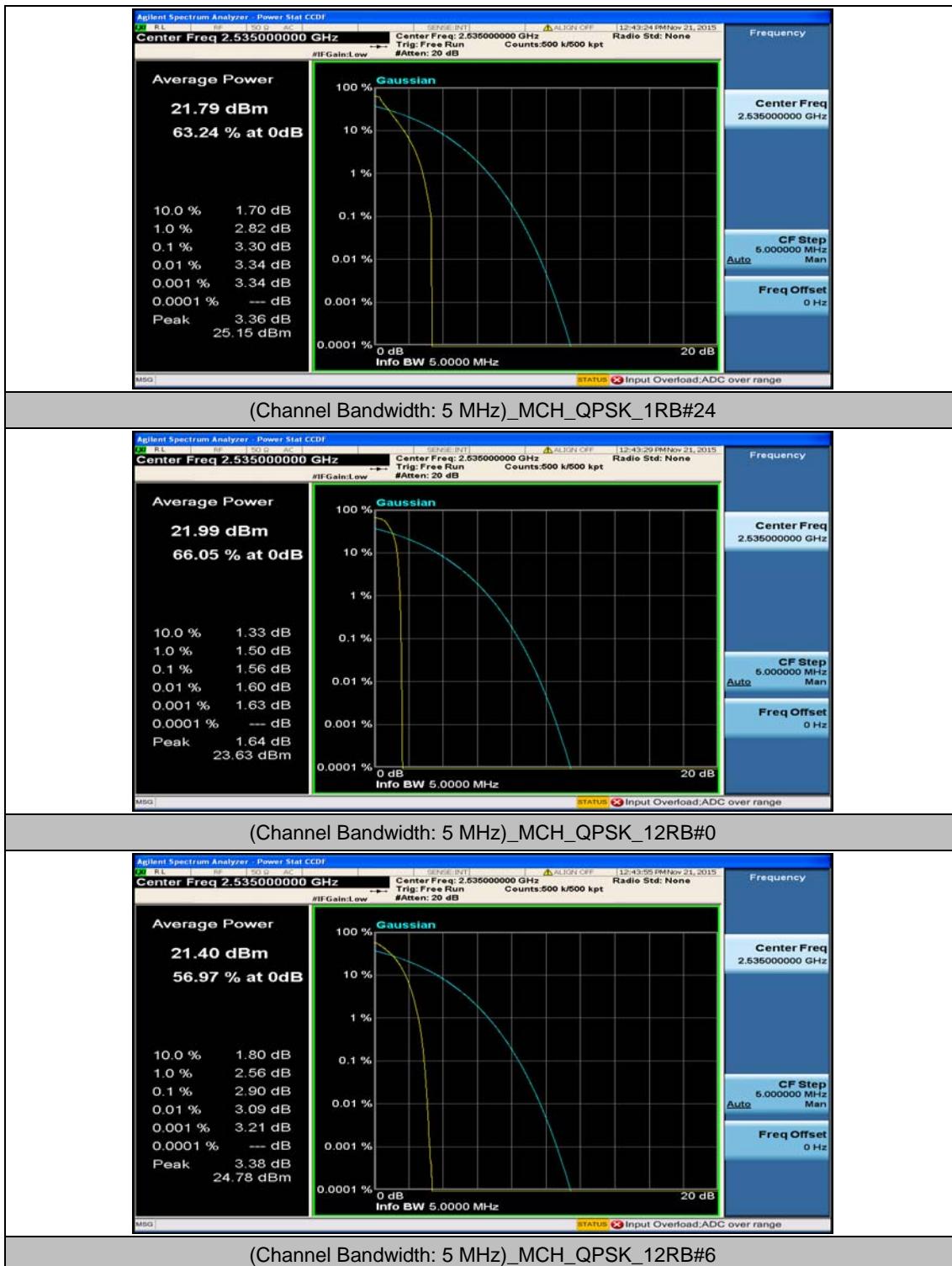
Test Graphs

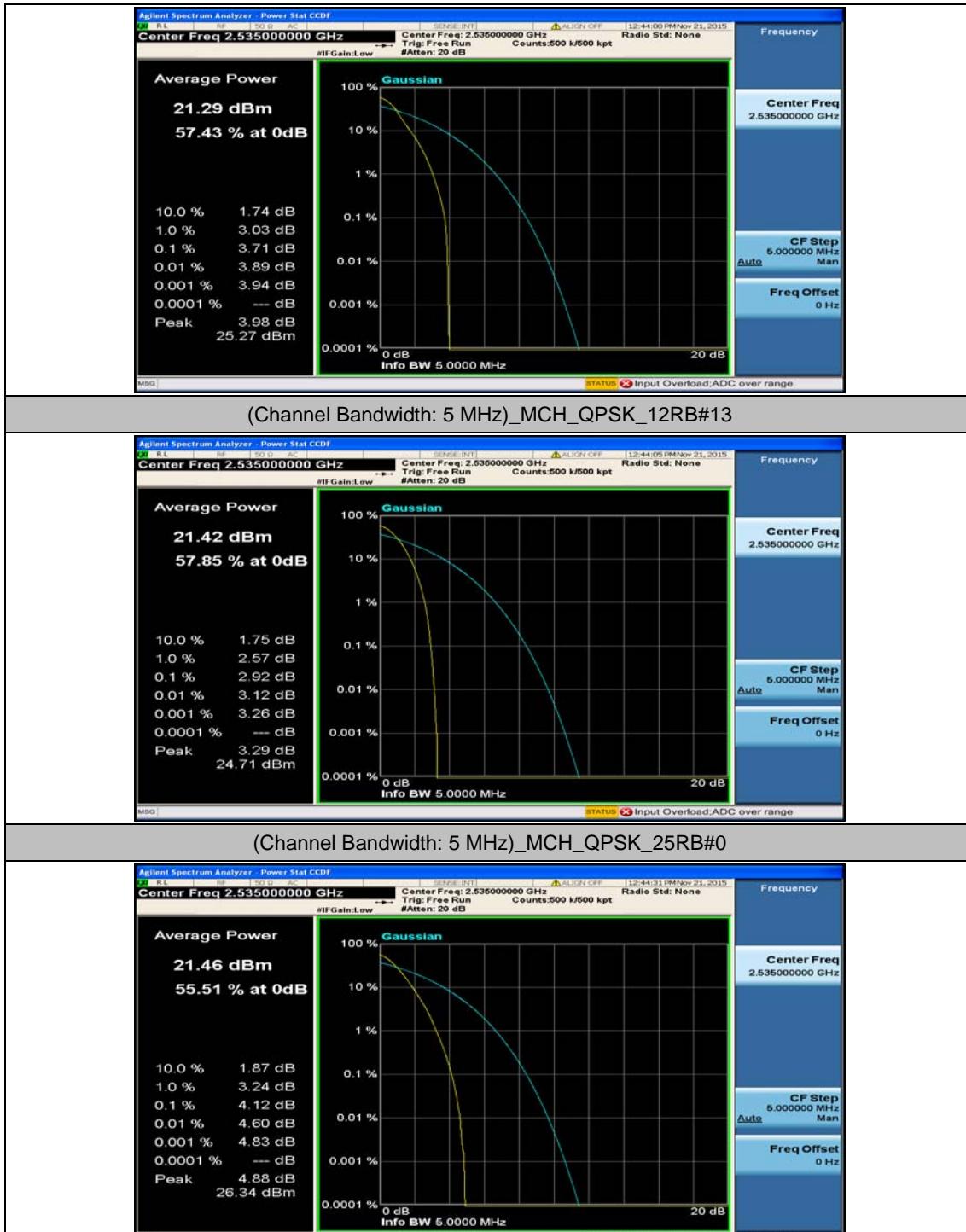
Channel Bandwidth: 5 MHz

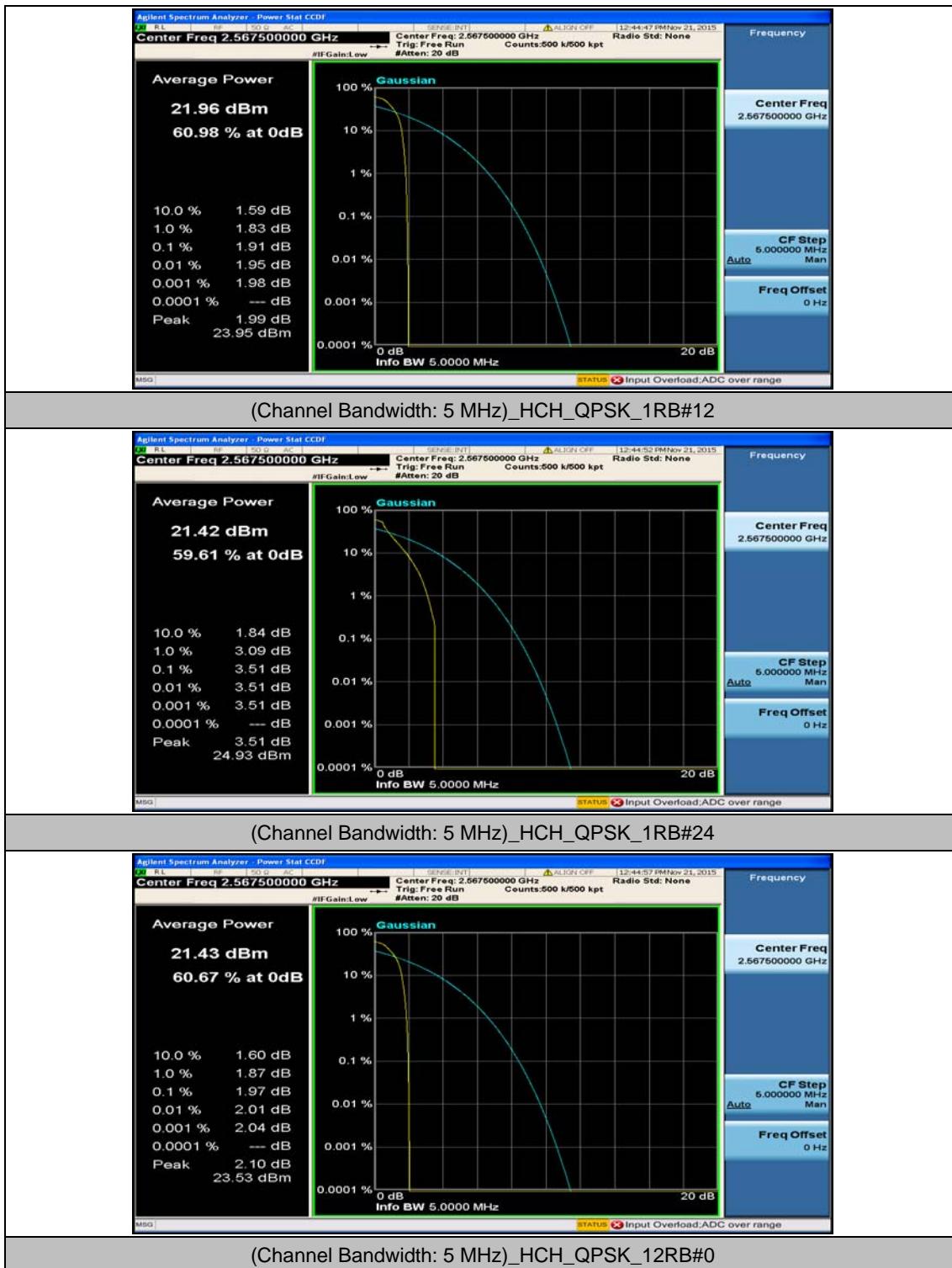


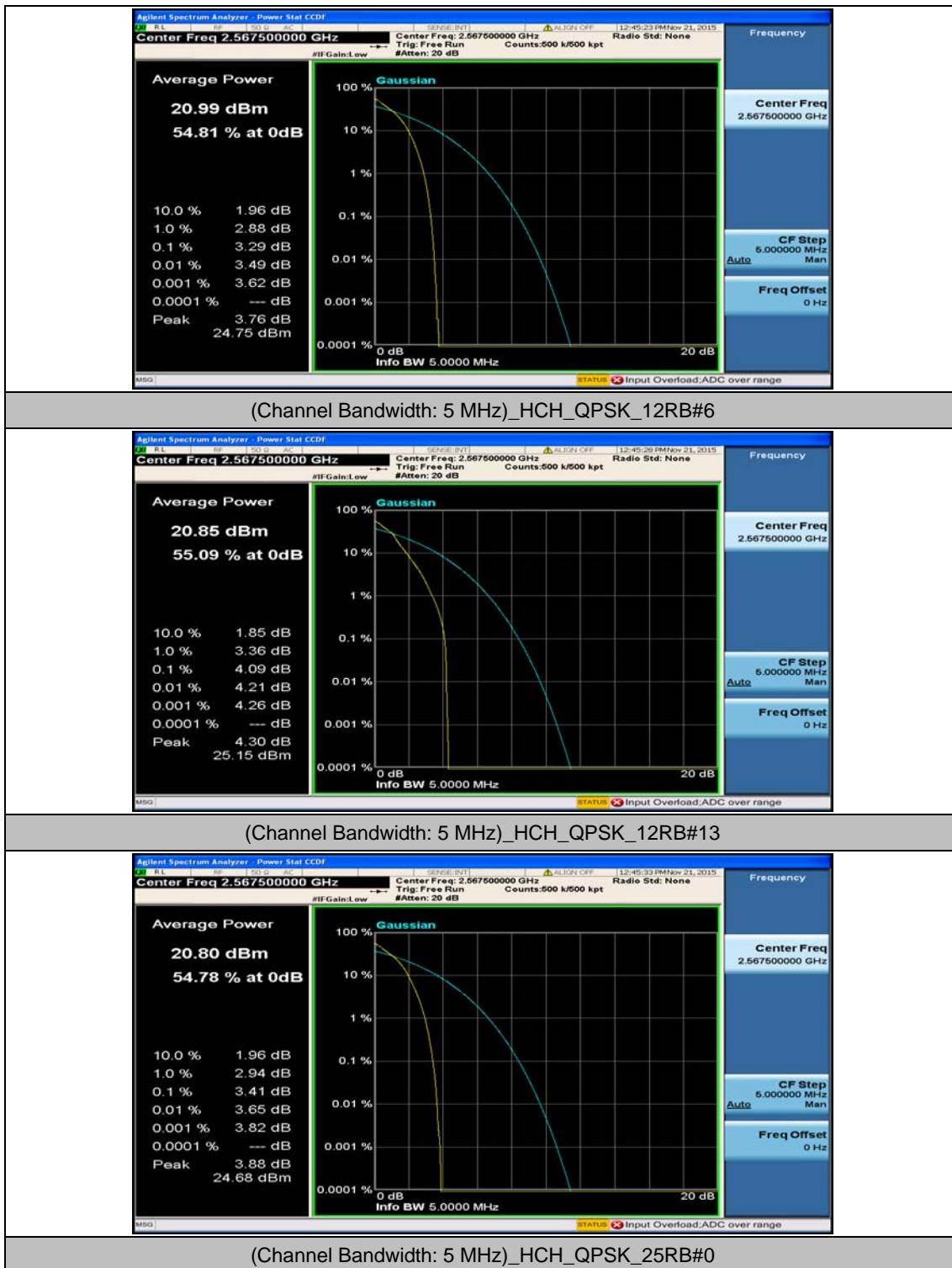


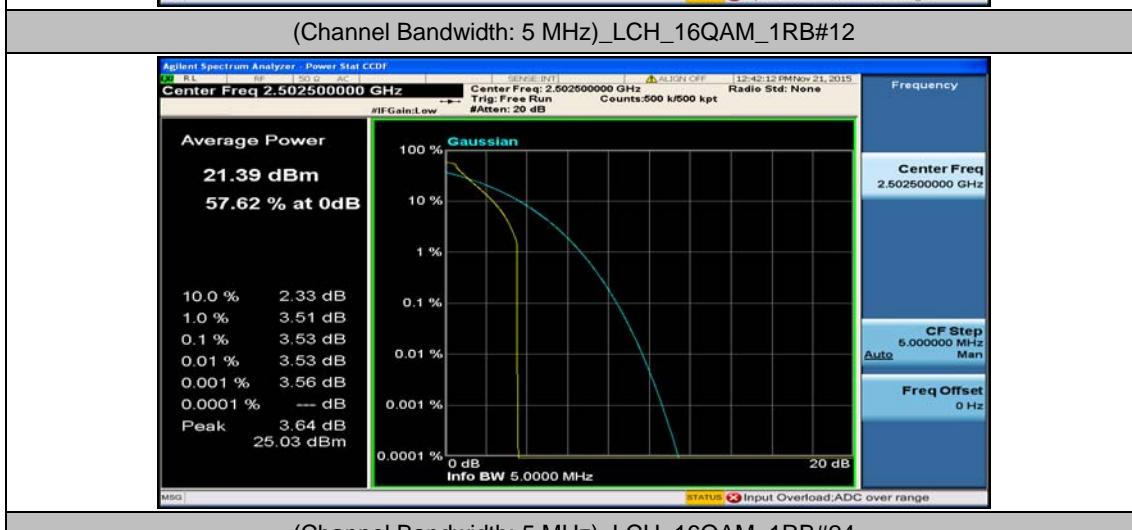
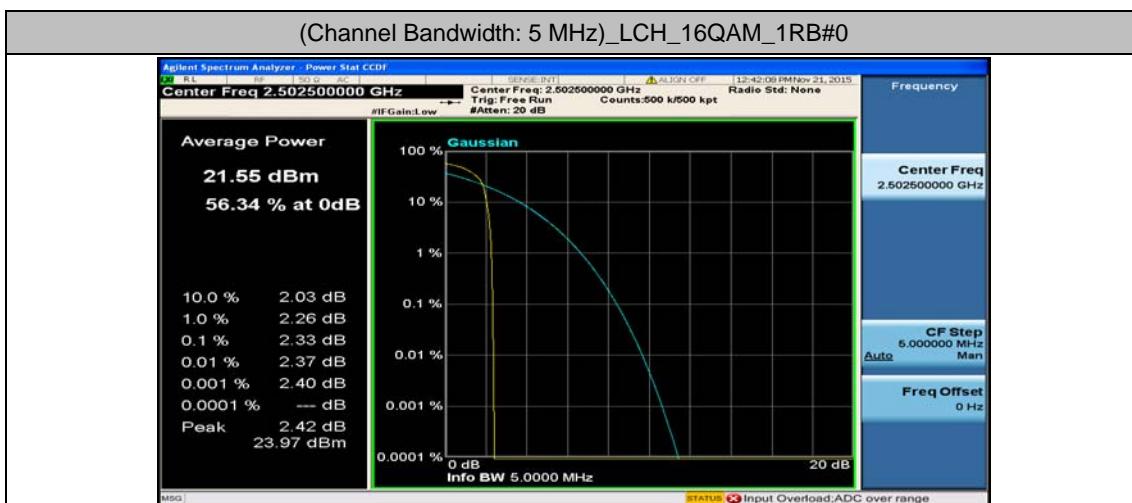
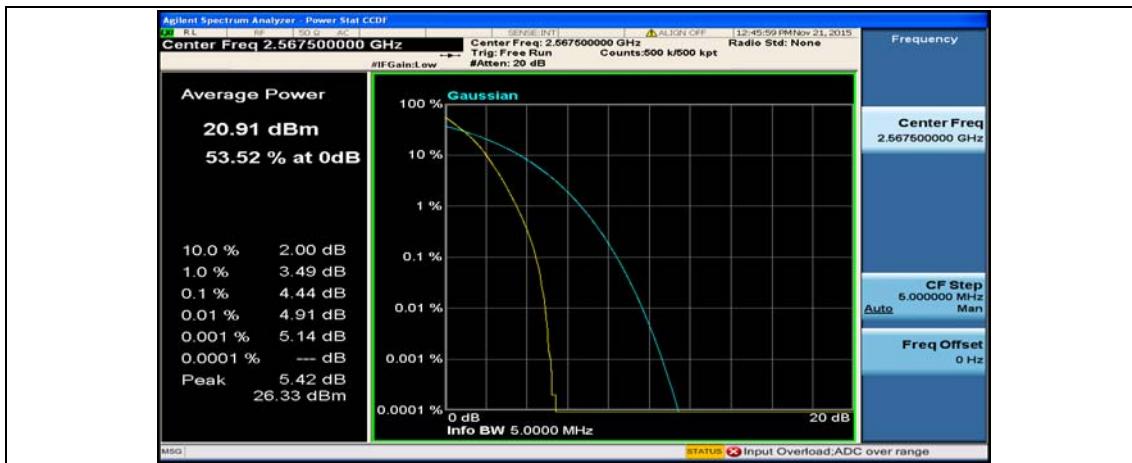




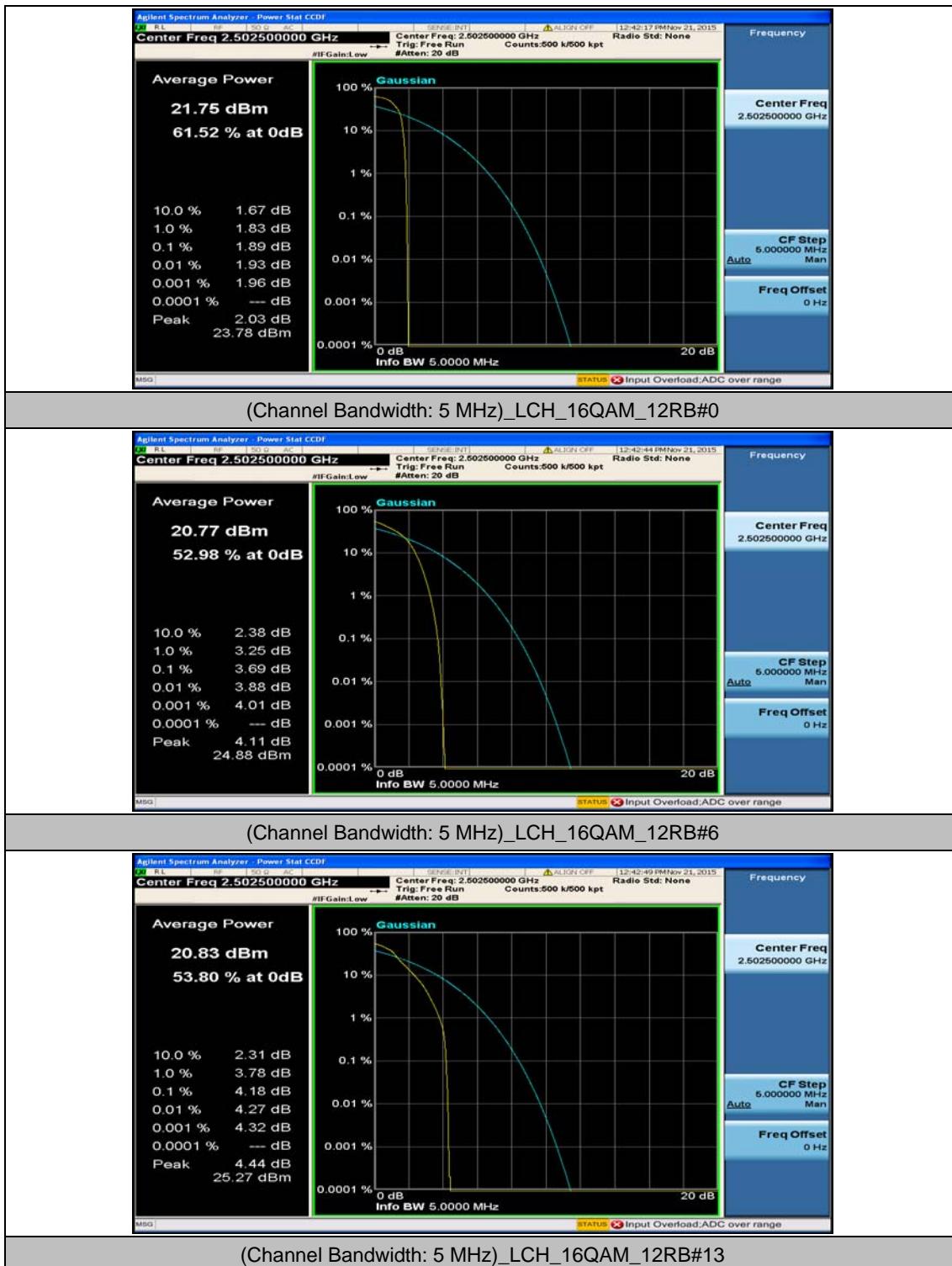


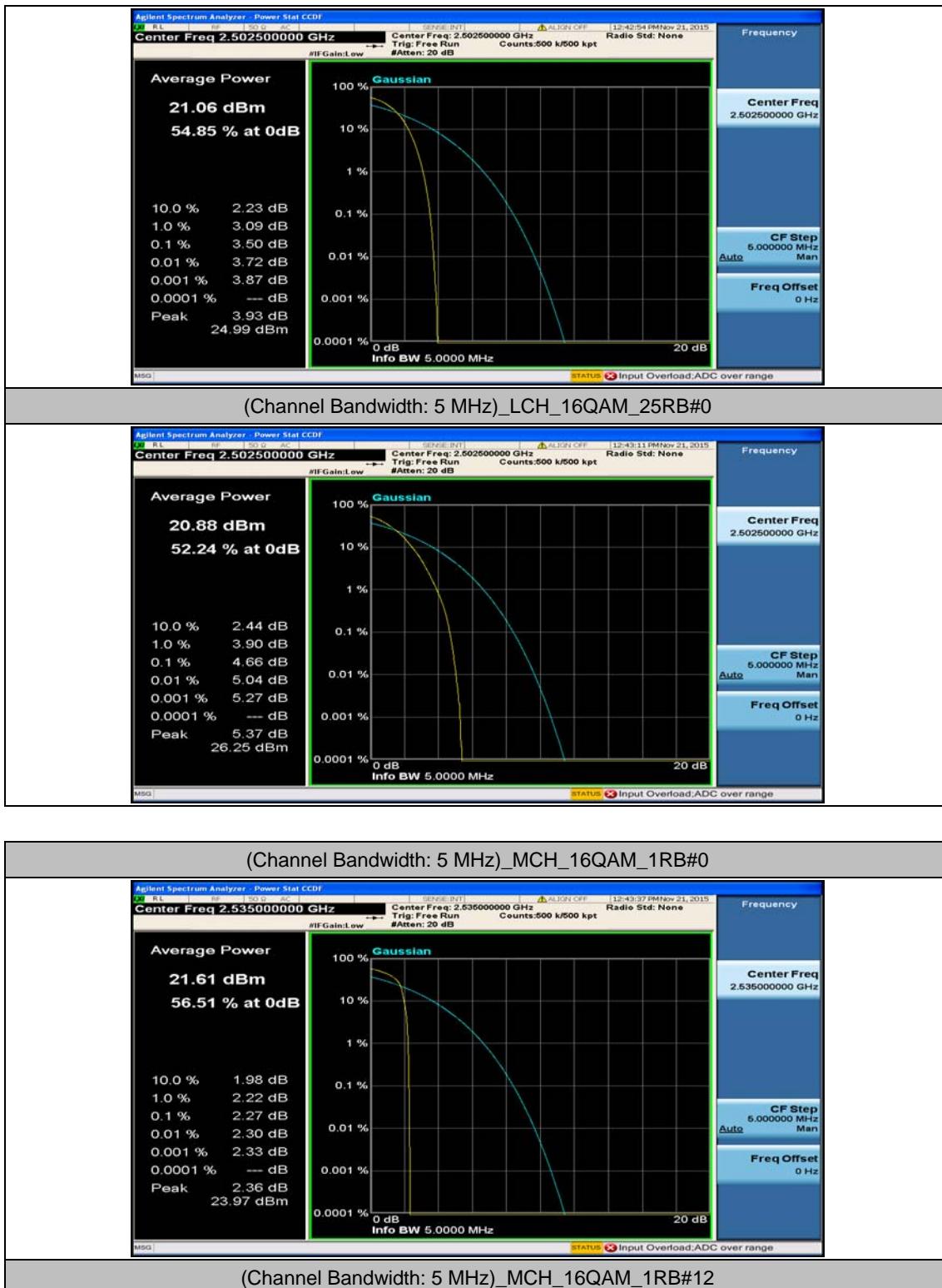


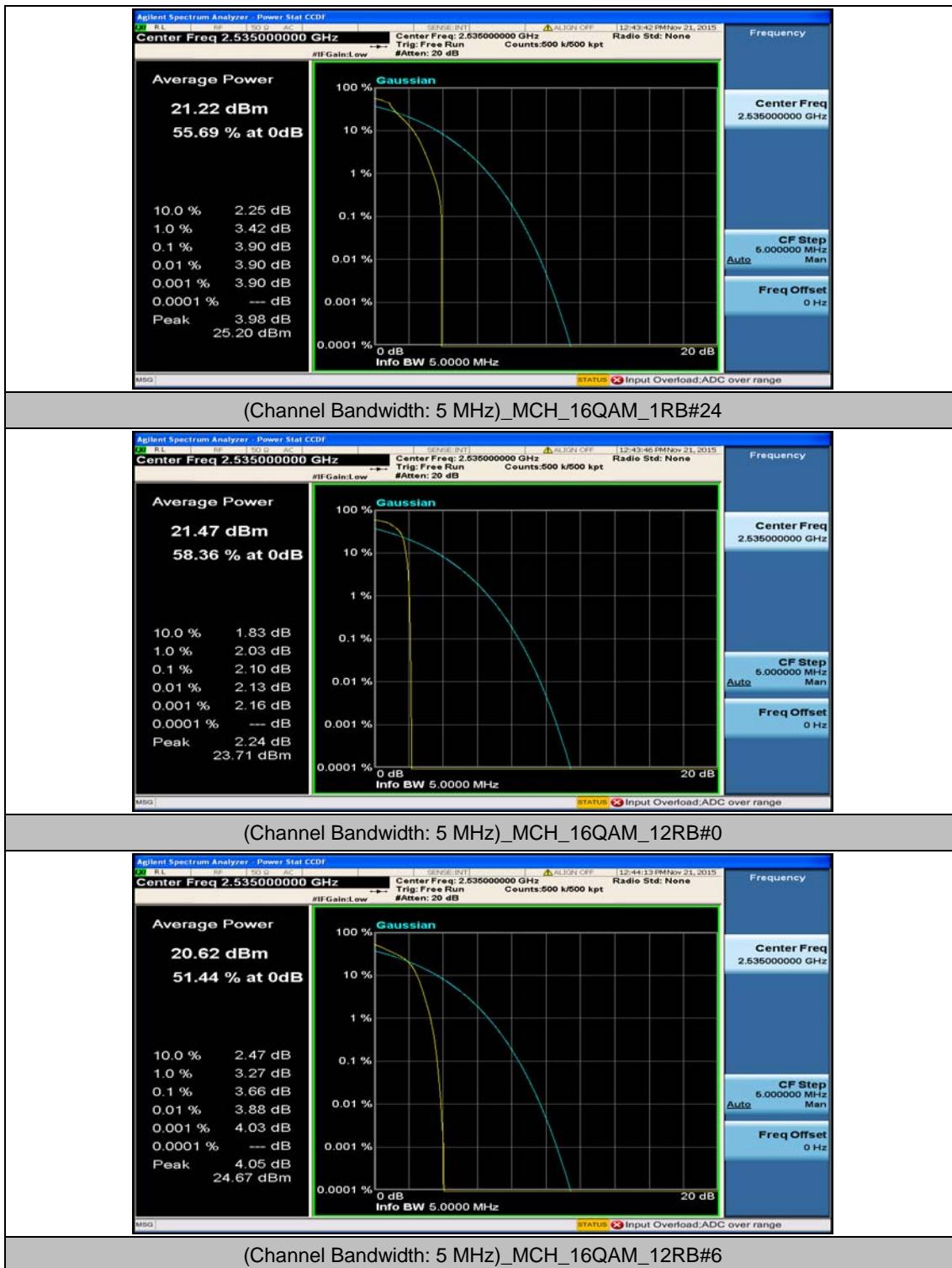


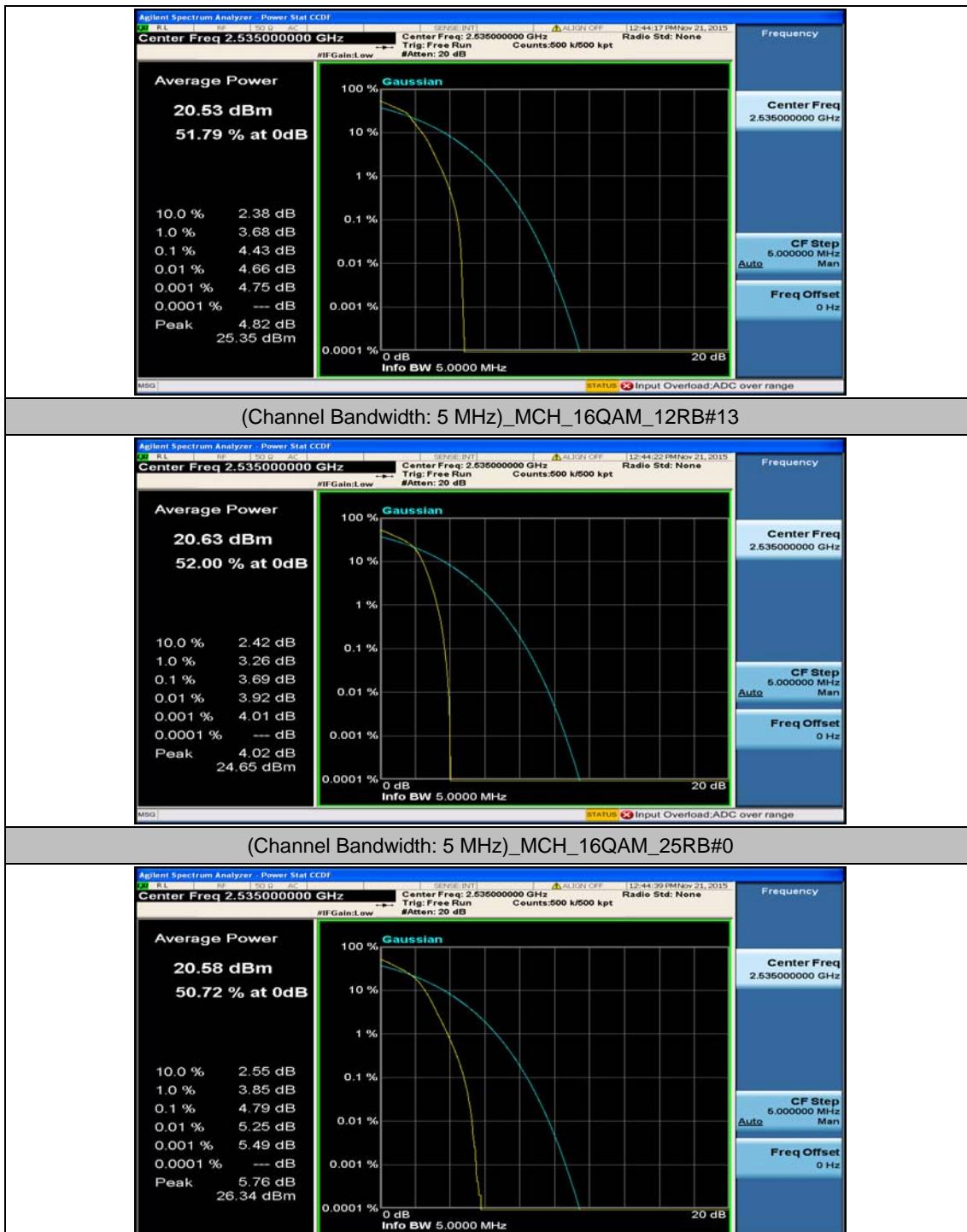


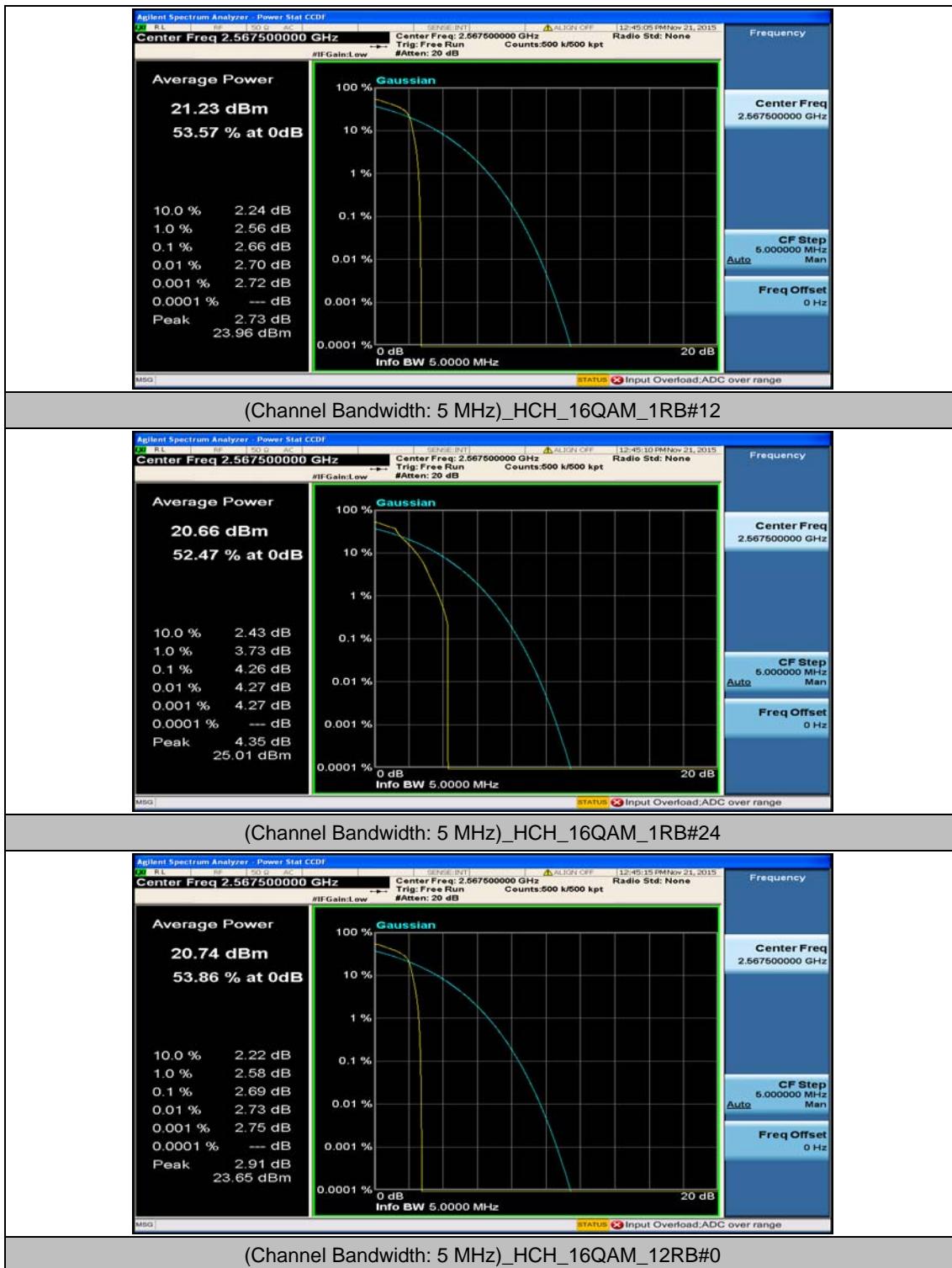
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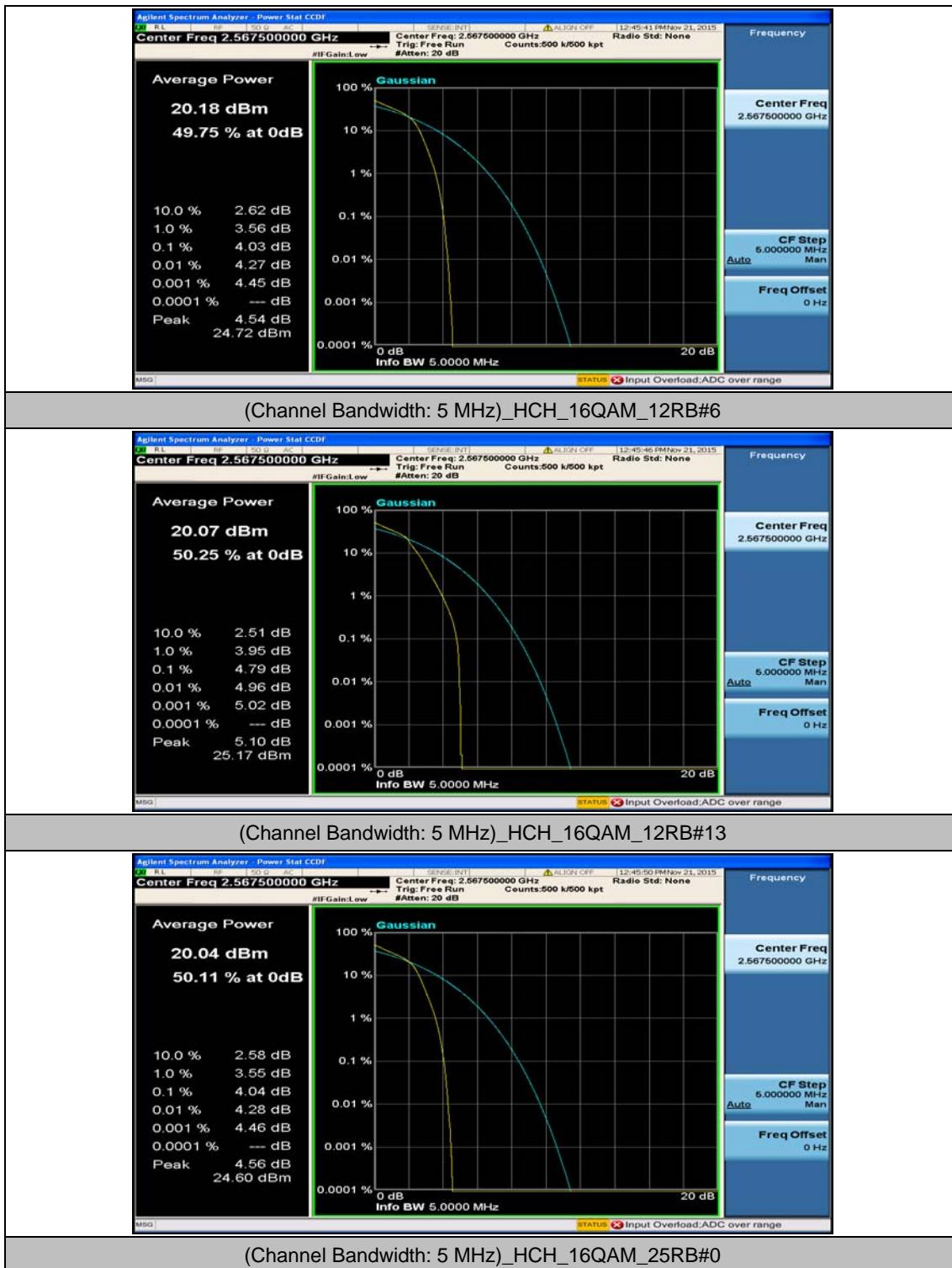


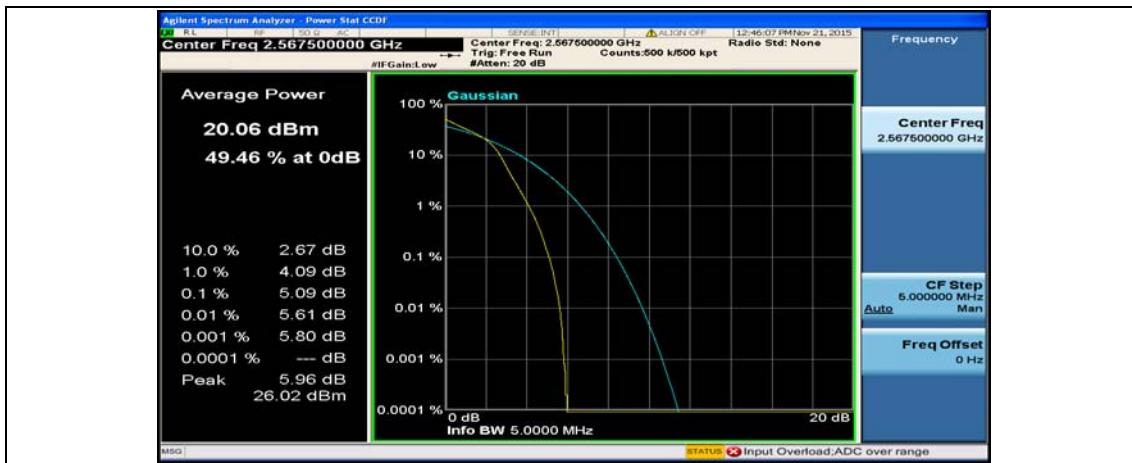




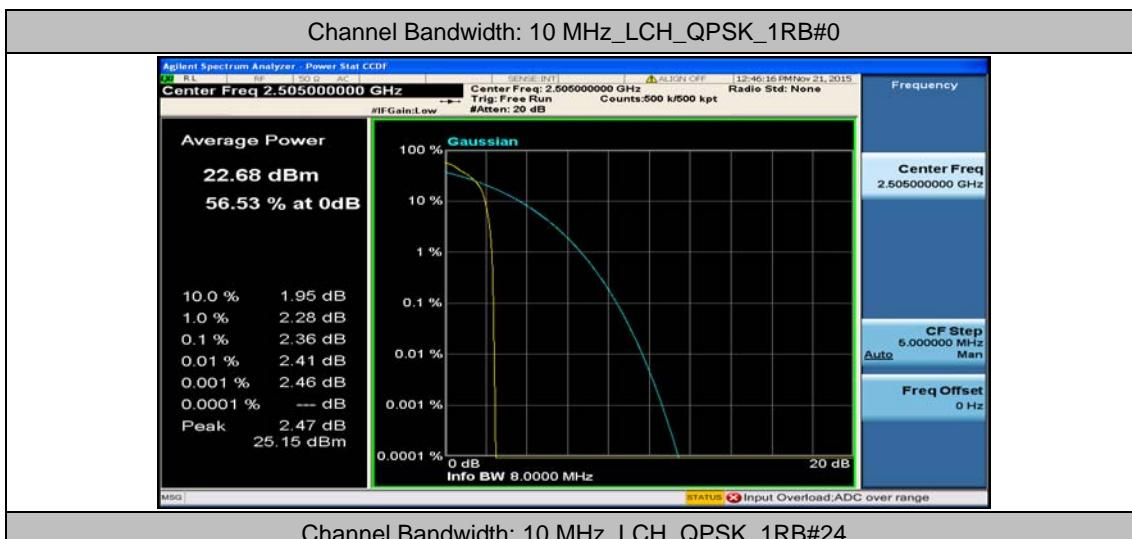




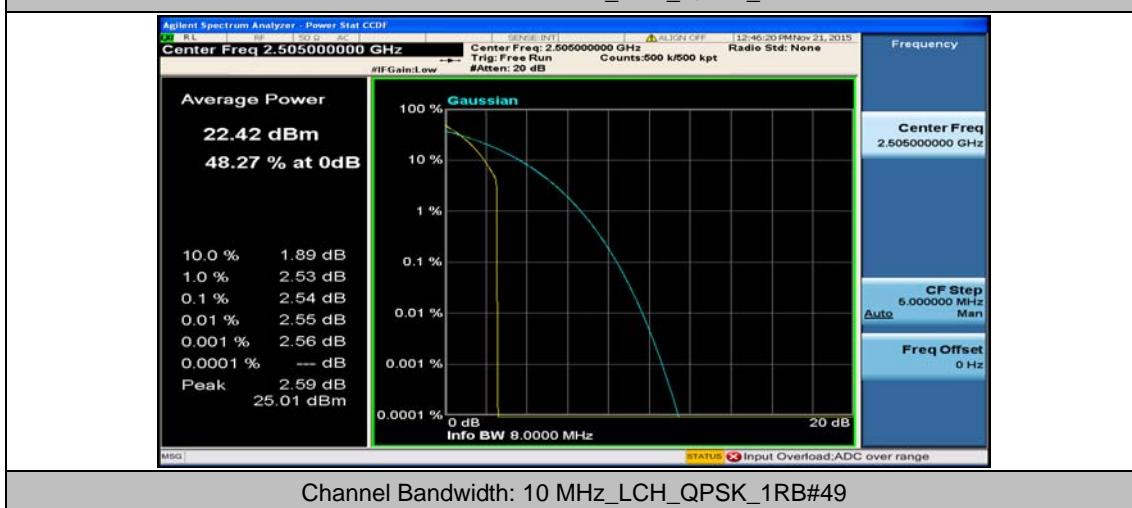




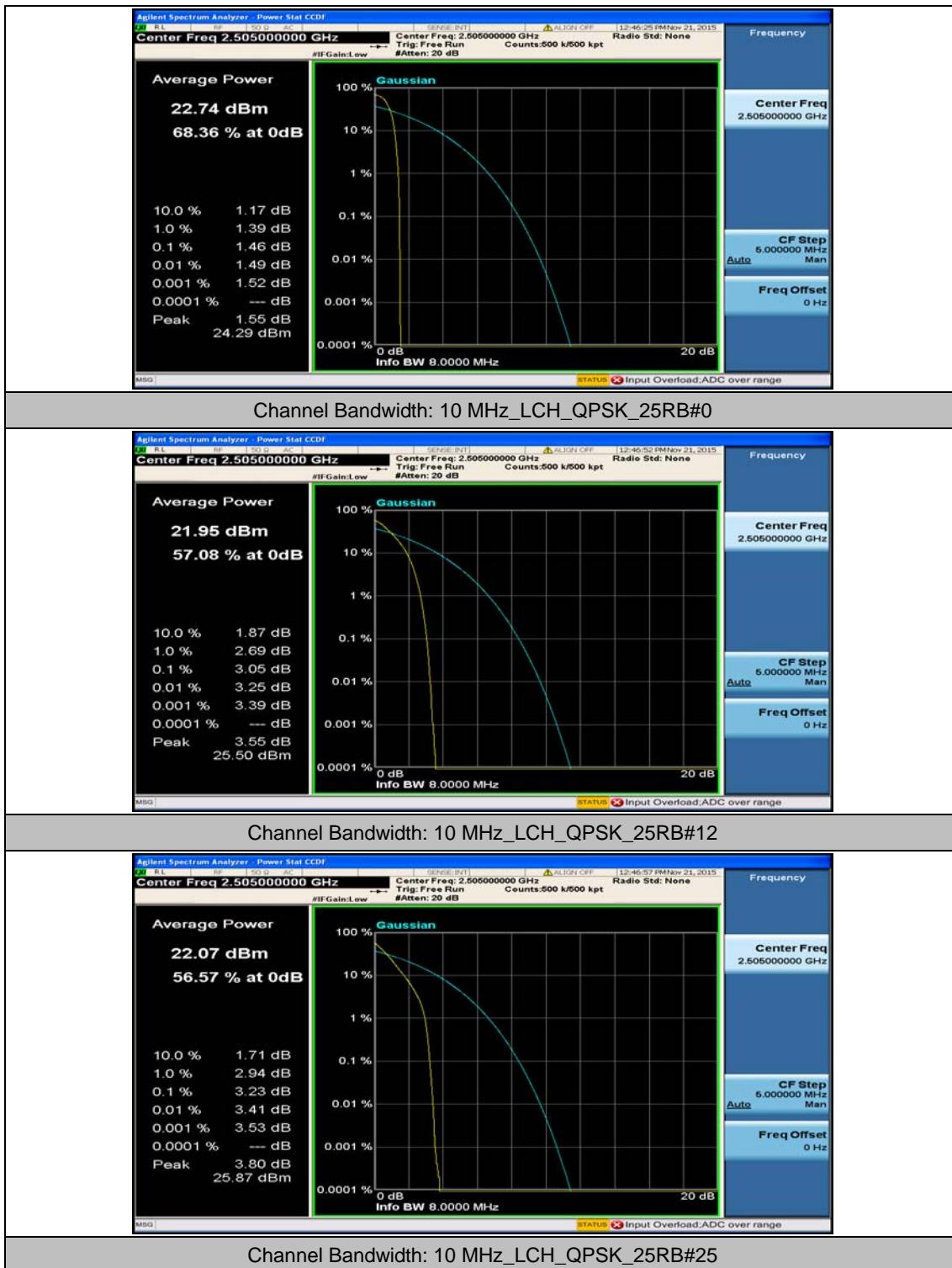
Channel Bandwidth: 10 MHz

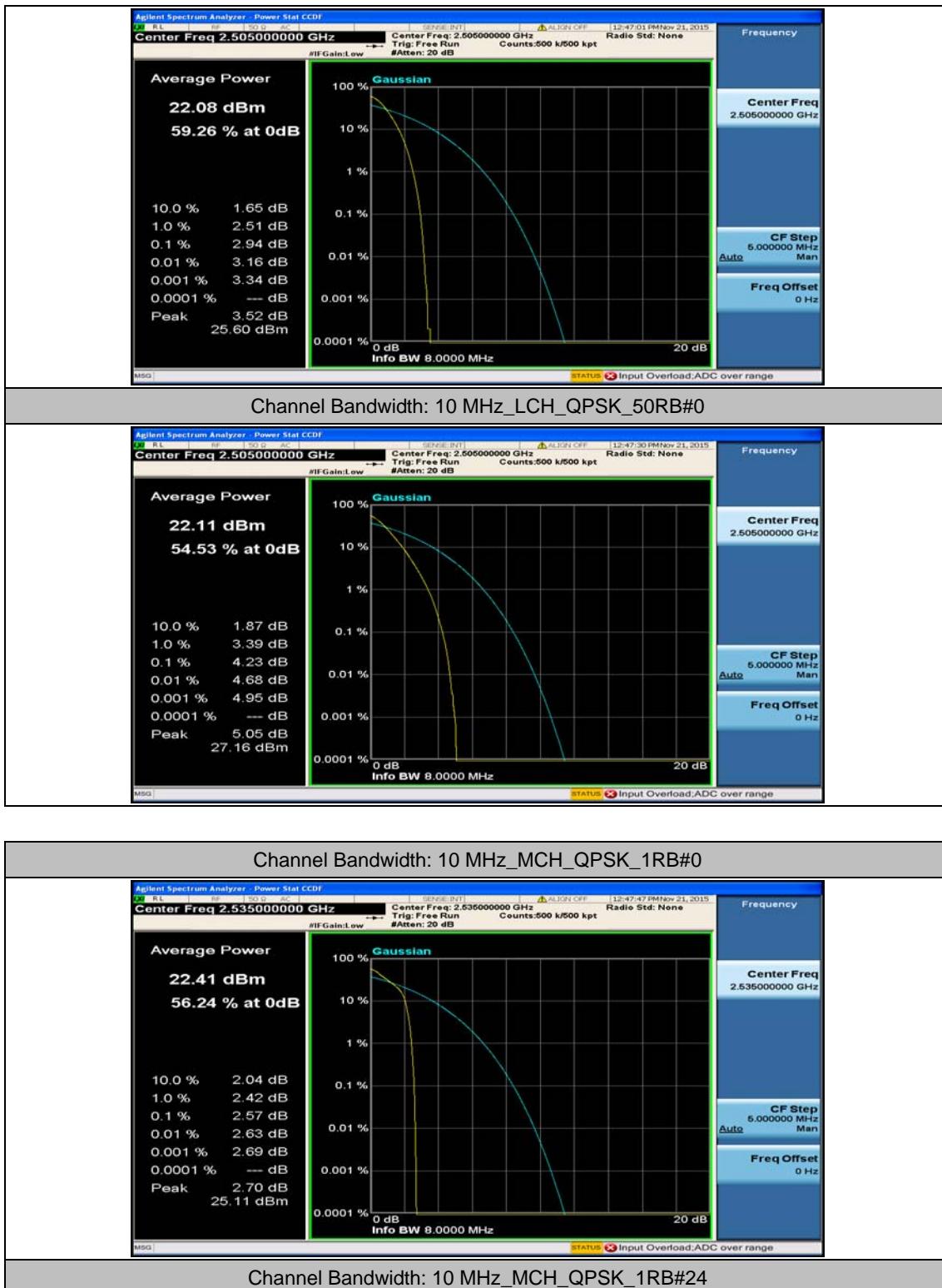


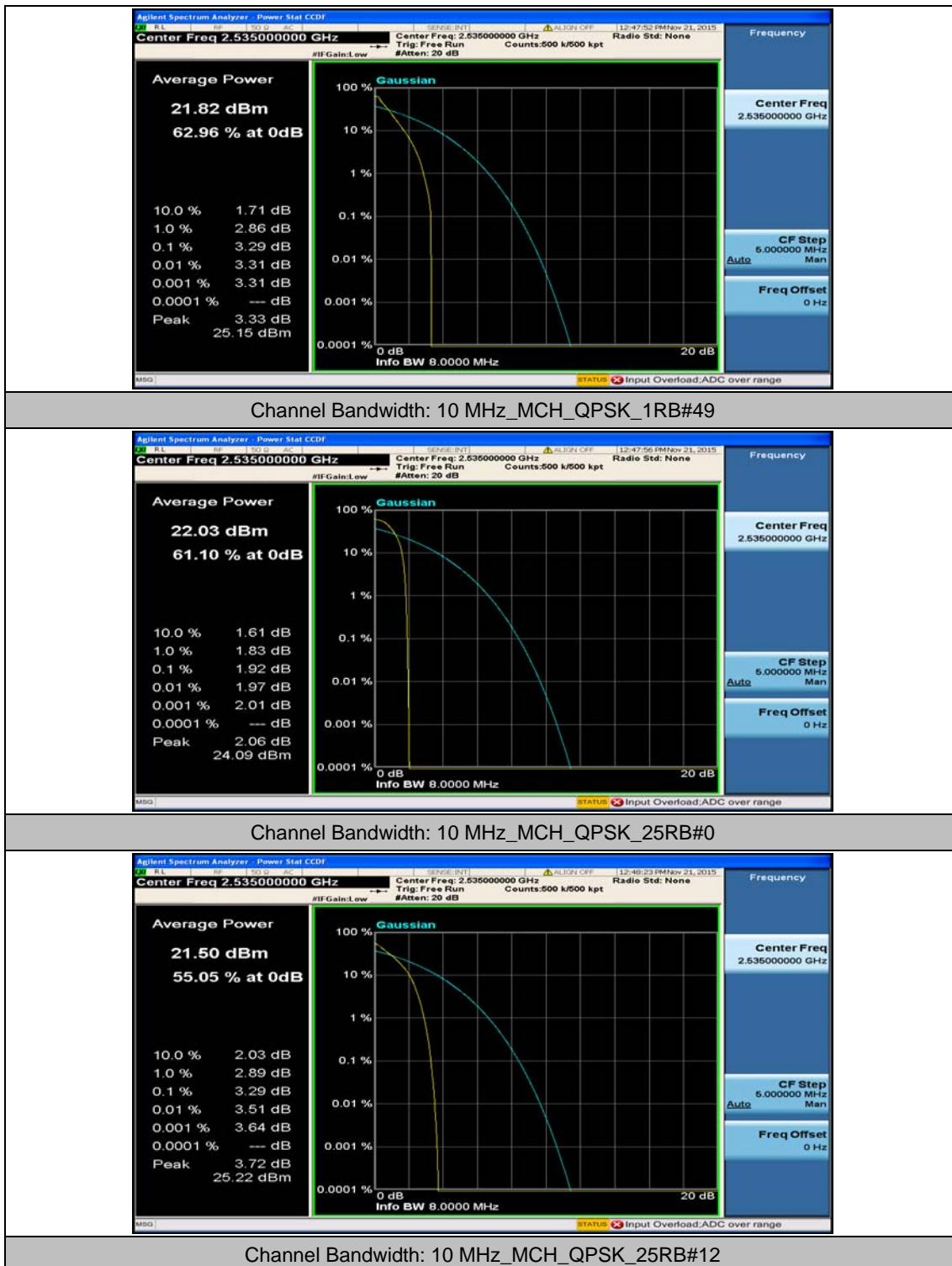
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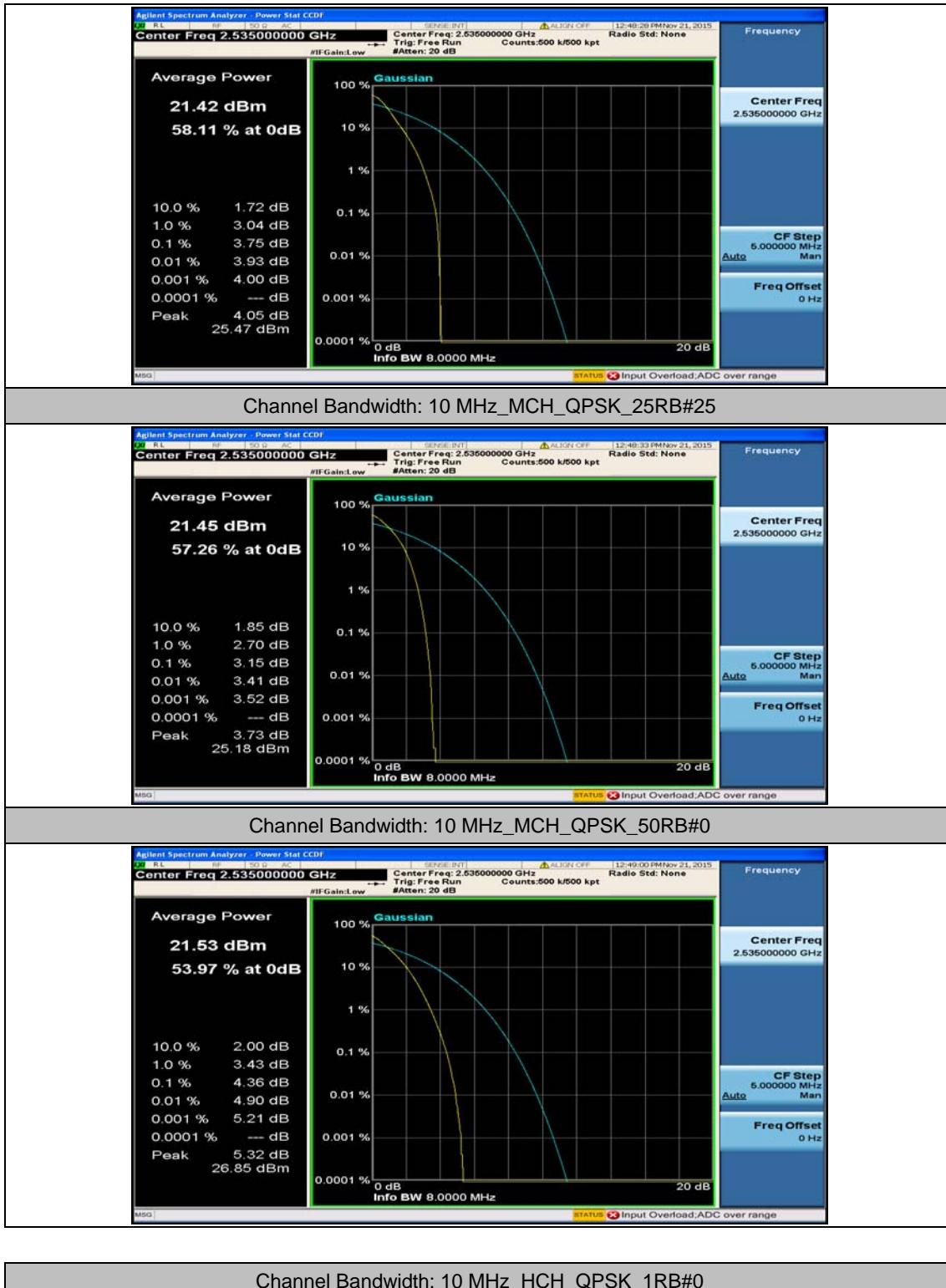


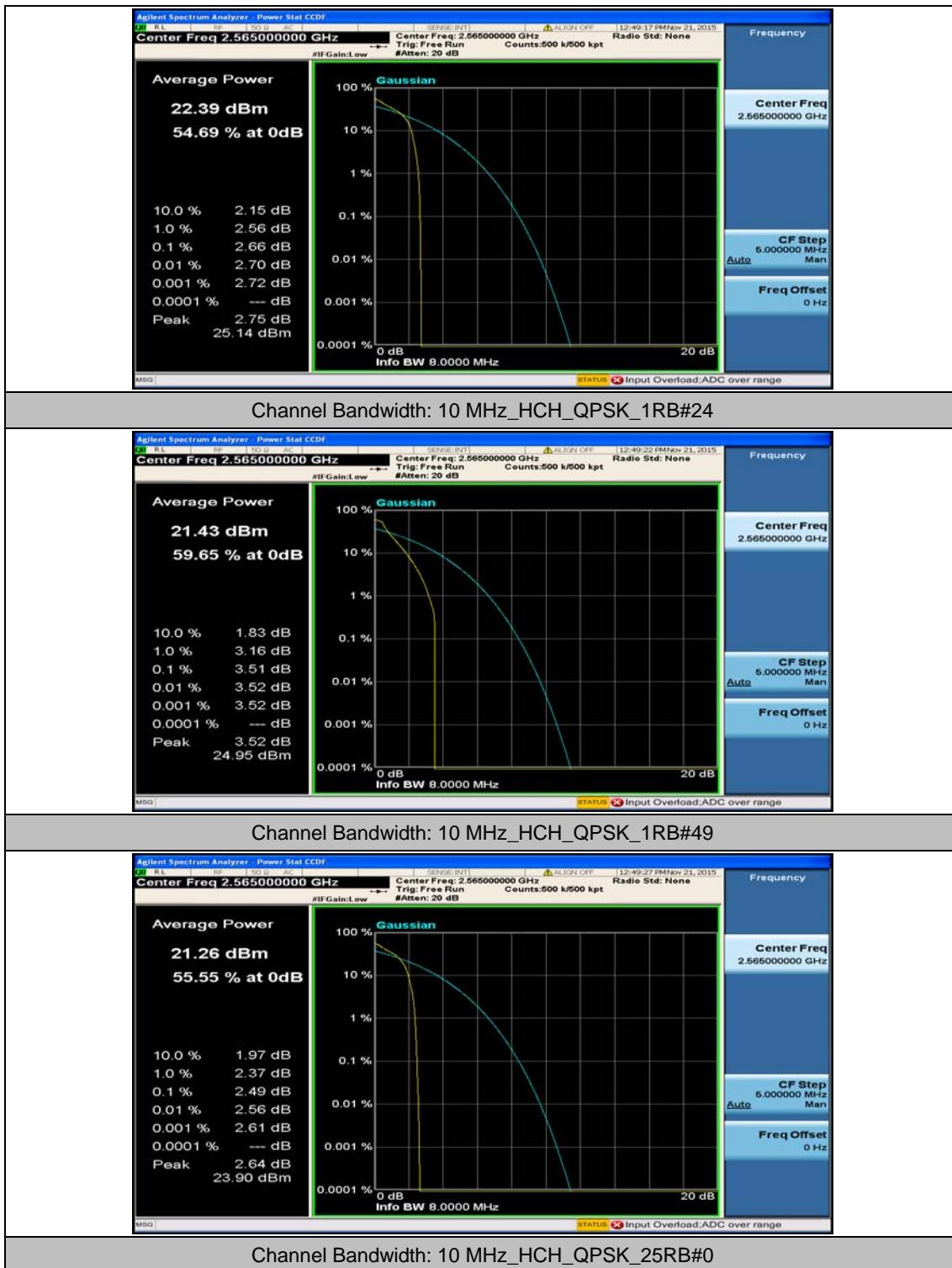
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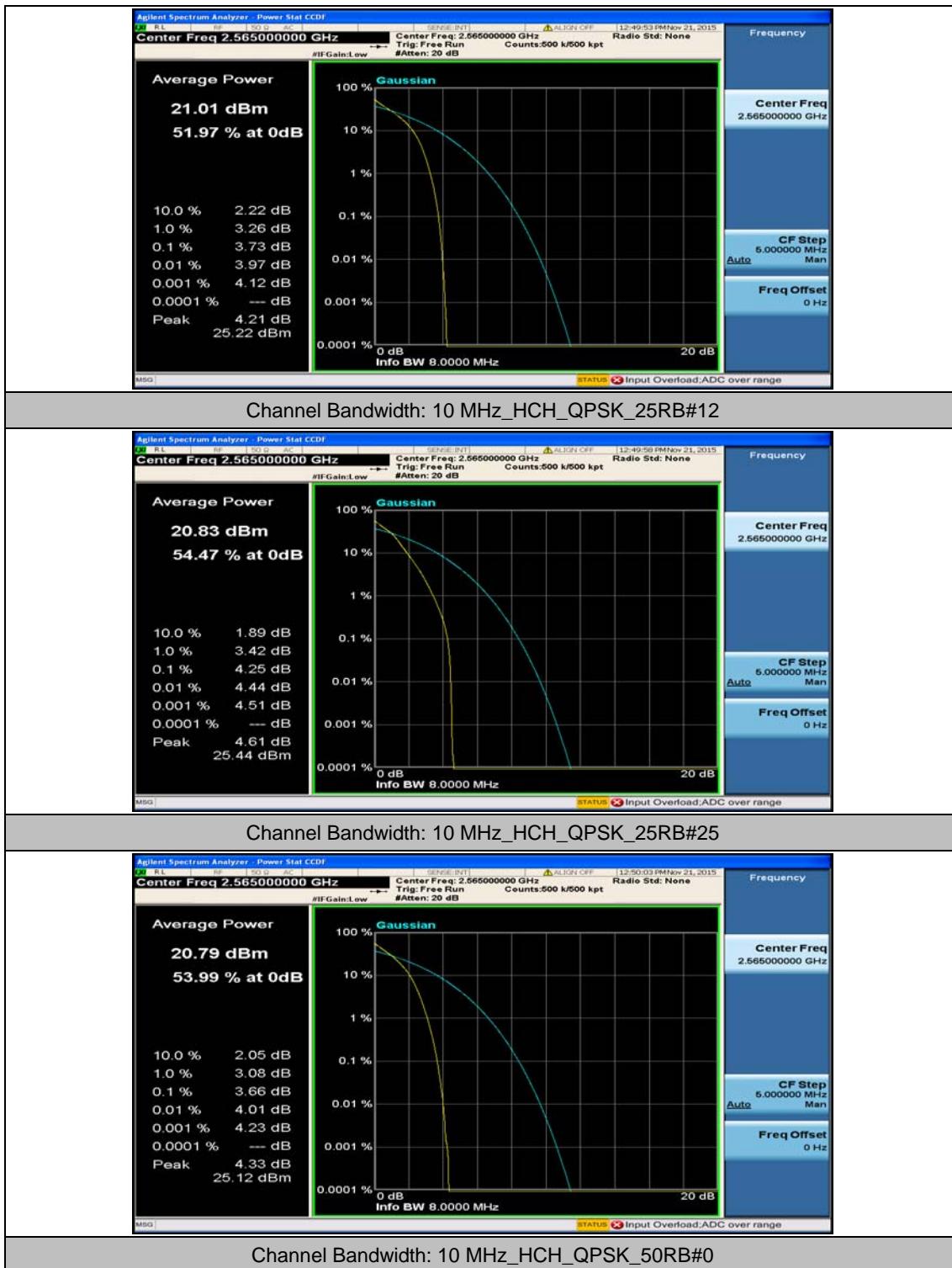


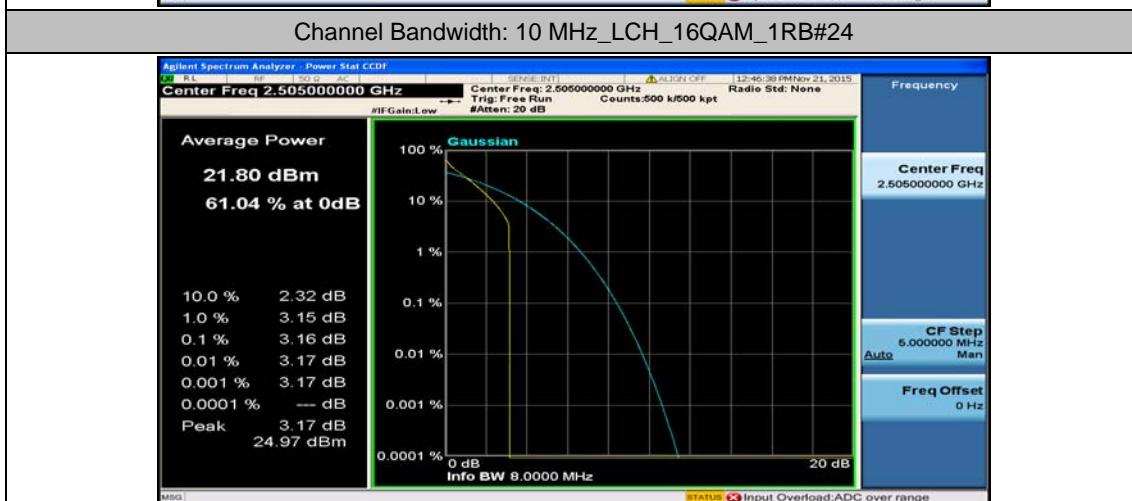
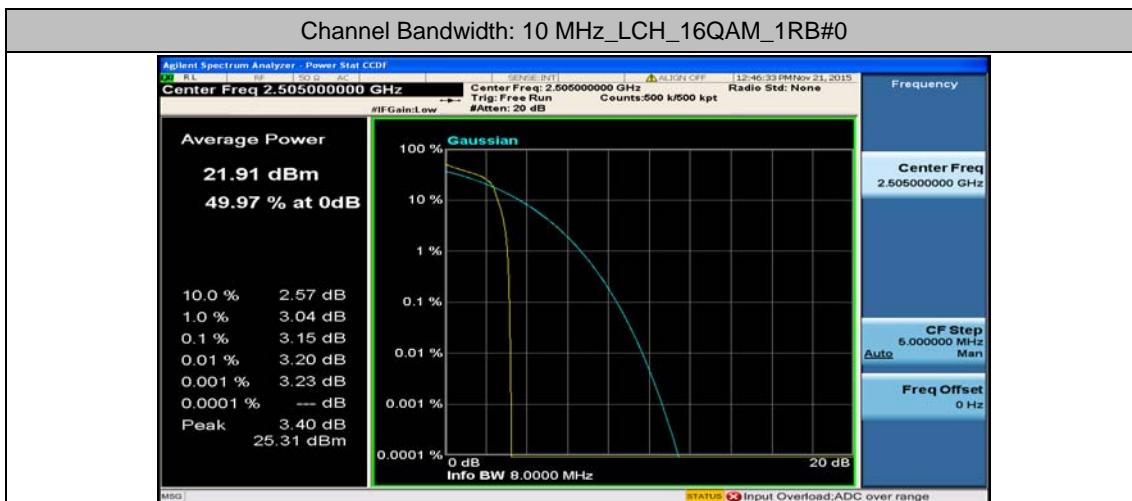
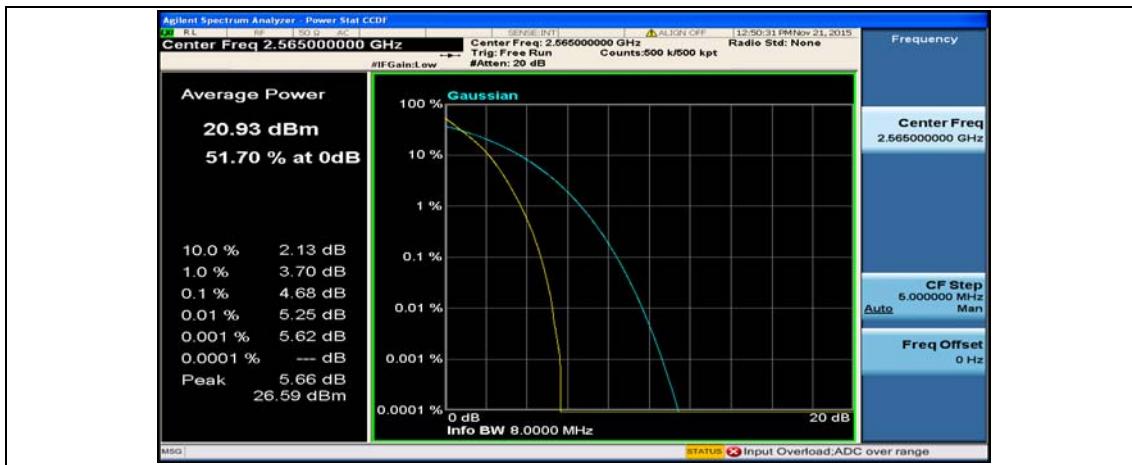


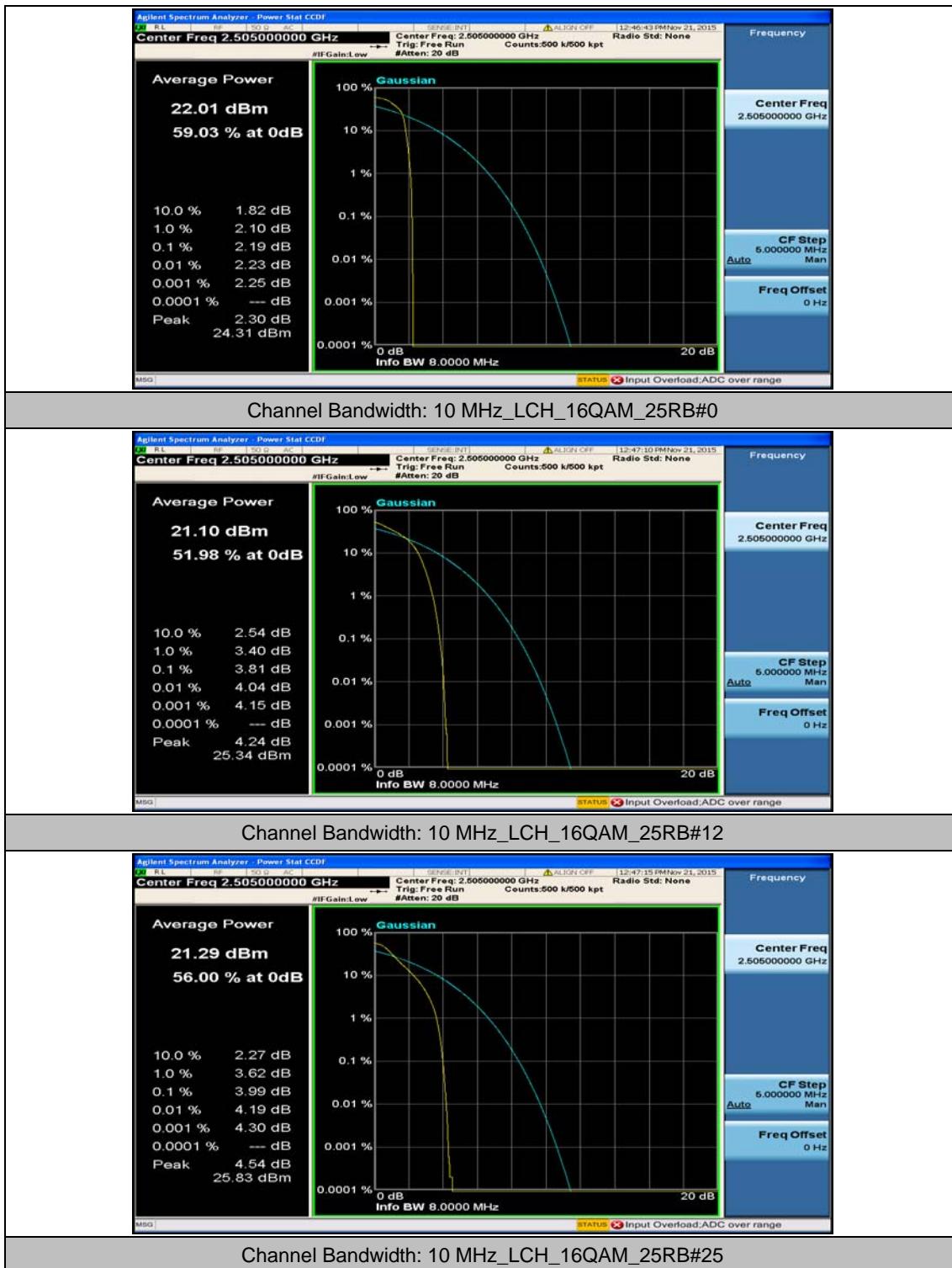


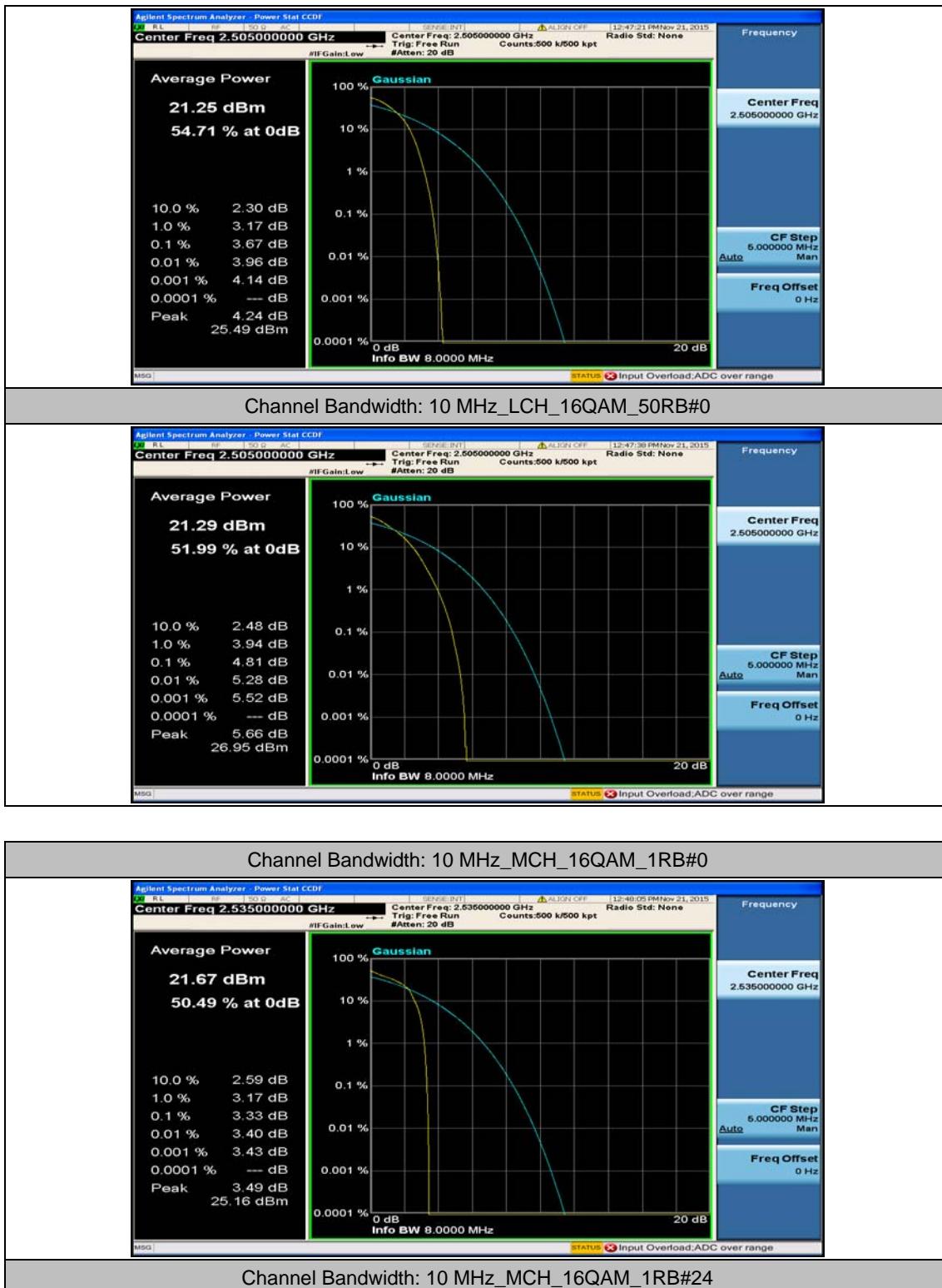


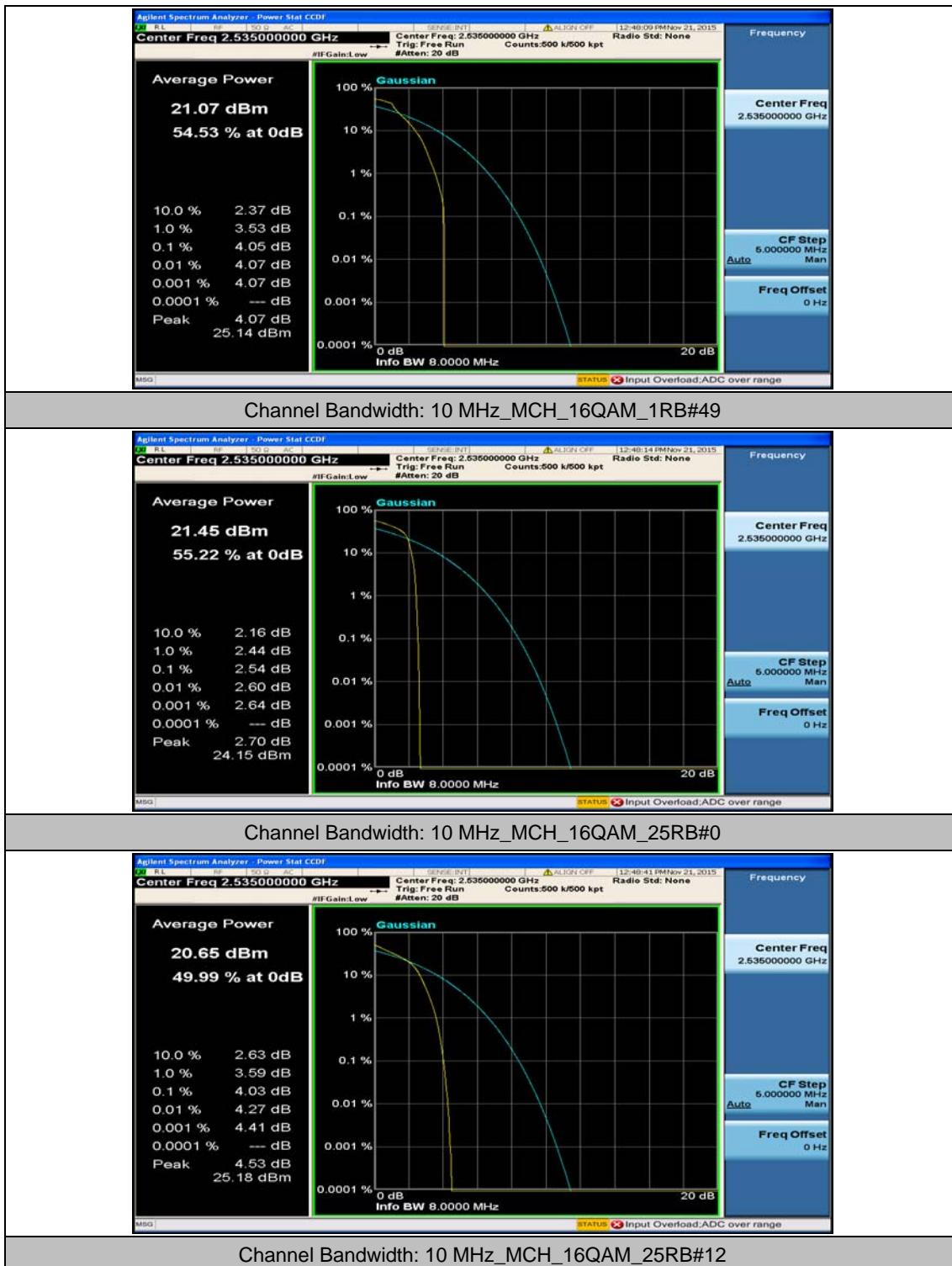


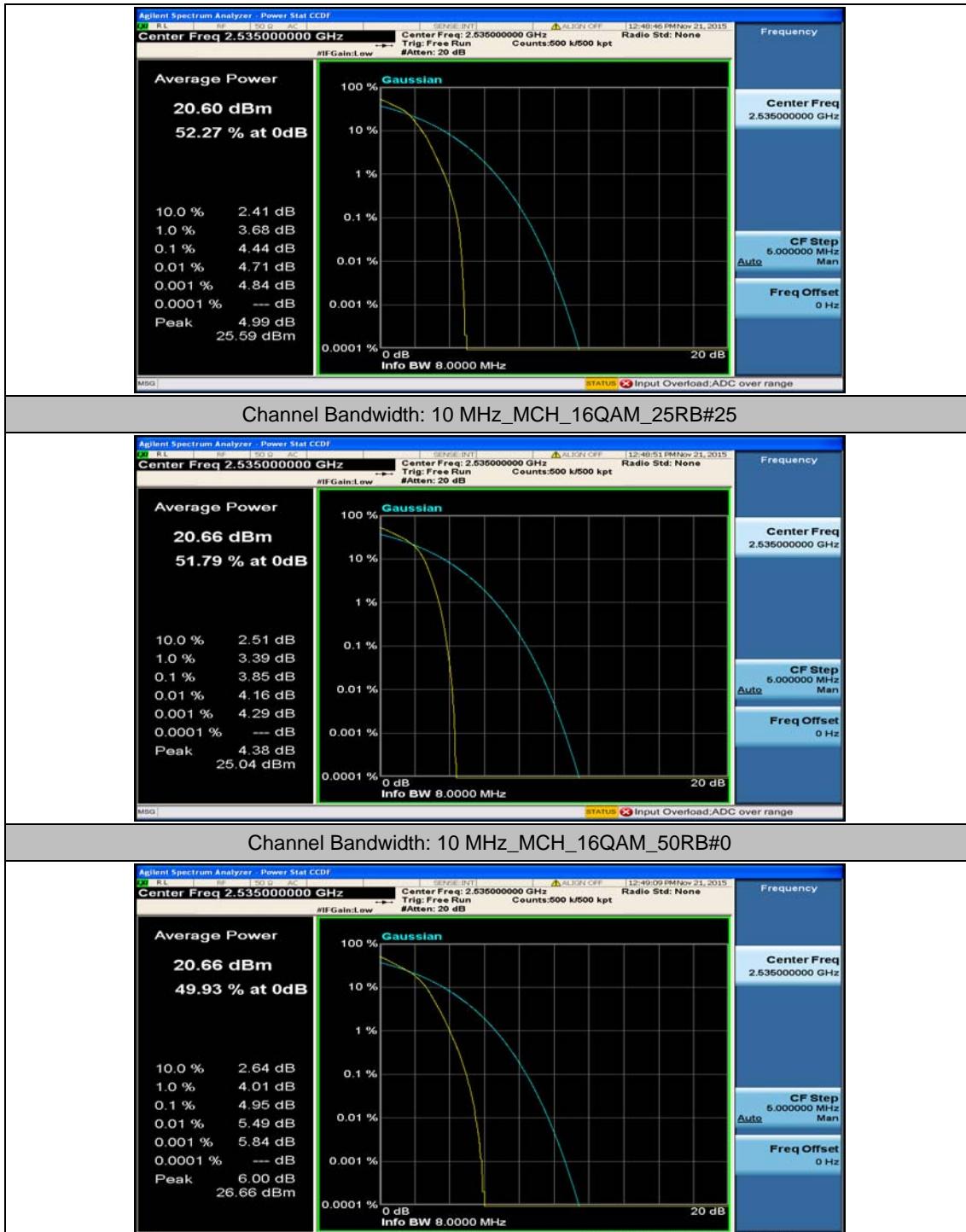


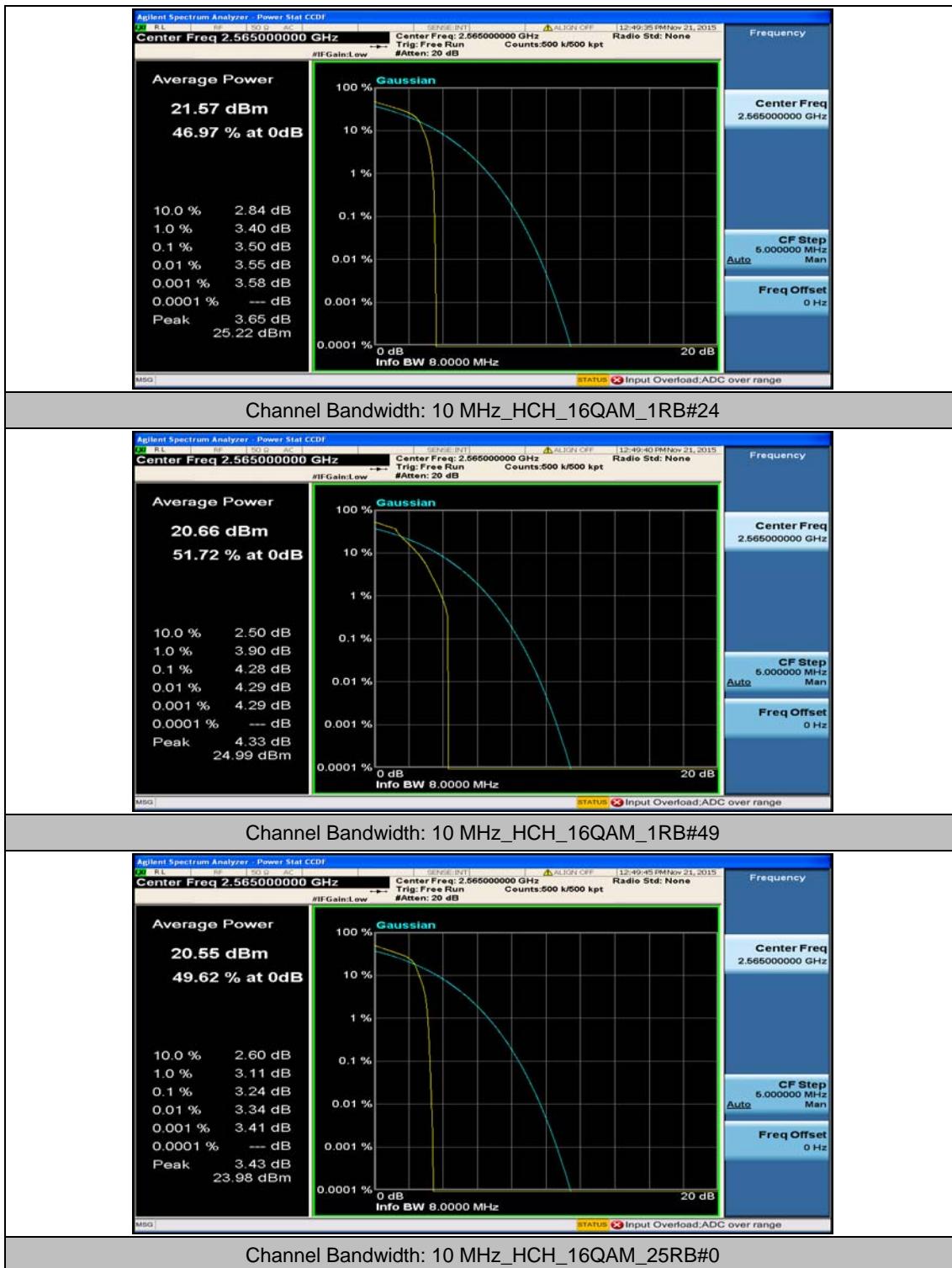


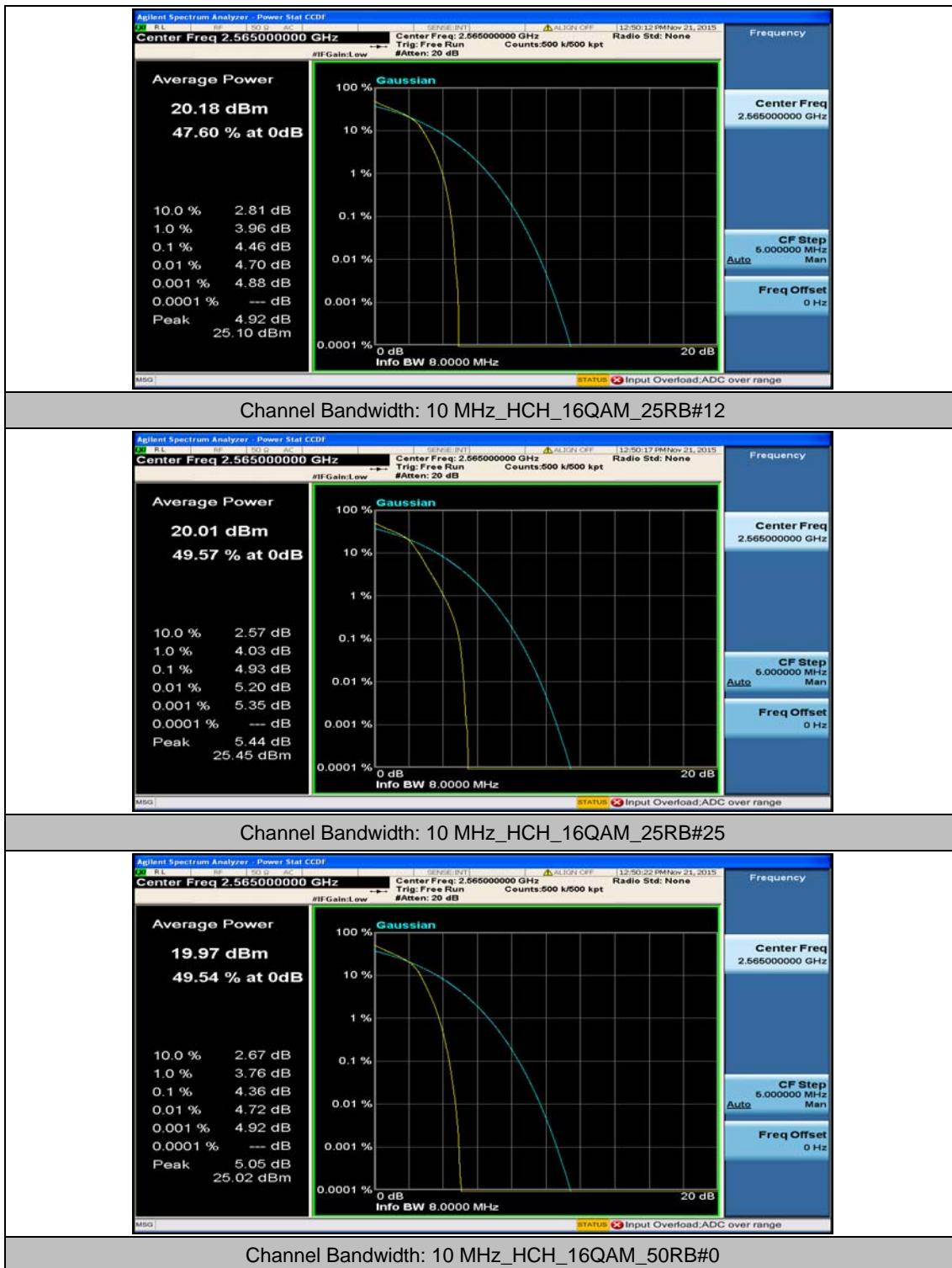


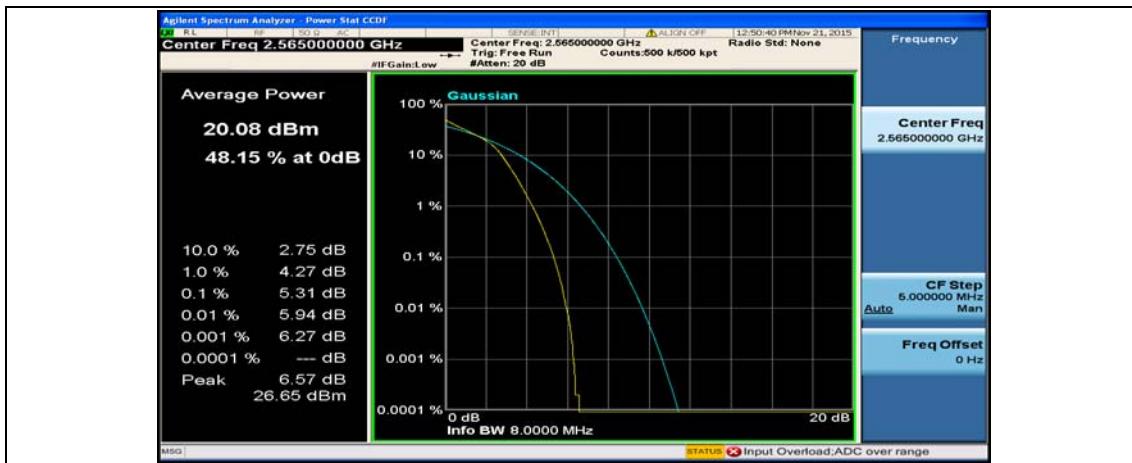












Channel Bandwidth: 15 MHz

