

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	23.16	PASS
		1	3	23.16	PASS
		1	5	23.09	PASS
		3	0	23.06	PASS
		3	2	23.05	PASS
		3	3	23.02	PASS
		6	0	22.18	PASS
	MCH	1	0	22.79	PASS
		1	3	22.87	PASS
		1	5	22.80	PASS
		3	0	22.87	PASS
		3	2	22.80	PASS
		3	3	22.85	PASS
		6	0	21.79	PASS
16QAM	HCH	1	0	23.78	PASS
		1	3	23.88	PASS
		1	5	23.85	PASS
		3	0	22.05	PASS
		3	2	22.26	PASS
		3	3	22.56	PASS
		6	0	22.28	PASS
	LCH	1	0	22.11	PASS
		1	3	22.20	PASS
		1	5	22.07	PASS
		3	0	22.07	PASS
		3	2	22.03	PASS
		3	3	22.01	PASS
		6	0	21.00	PASS
	MCH	1	0	22.17	PASS
		1	3	22.25	PASS
		1	5	22.19	PASS
		3	0	21.84	PASS
		3	2	21.82	PASS

		3	3	21.89	PASS
		6	0	20.75	PASS
HCH	HCH	1	0	22.91	PASS
		1	3	23.09	PASS
		1	5	22.95	PASS
		3	0	22.81	PASS
		3	2	22.79	PASS
		3	3	22.85	PASS
		6	0	21.96	PASS

Channel Bandwidth: 3 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.00	PASS
		1	7	23.02	PASS
		1	14	22.88	PASS
		8	0	22.13	PASS
		8	4	22.09	PASS
		8	7	22.07	PASS
		15	0	22.03	PASS
	MCH	1	0	22.68	PASS
		1	7	22.81	PASS
		1	14	22.70	PASS
		8	0	21.82	PASS
		8	4	21.84	PASS
		8	7	21.85	PASS
		15	0	21.82	PASS
	HCH	1	0	23.69	PASS
		1	7	23.84	PASS
		1	14	23.82	PASS
		8	0	22.80	PASS
		8	4	22.86	PASS
		8	7	22.88	PASS
		15	0	22.76	PASS
16QAM	LCH	1	0	22.11	PASS
		1	7	22.12	PASS
		1	14	21.97	PASS
		8	0	21.07	PASS
		8	4	21.05	PASS
		8	7	21.01	PASS
		15	0	20.92	PASS
	MCH	1	0	21.97	PASS

		1	7	22.10	PASS
		1	14	22.00	PASS
		8	0	20.89	PASS
		8	4	20.93	PASS
		8	7	20.90	PASS
		15	0	20.81	PASS
	HCH	1	0	22.89	PASS
		1	7	23.06	PASS
		1	14	23.01	PASS
		8	0	21.75	PASS
		8	4	21.80	PASS
		8	7	21.83	PASS
		15	0	21.75	PASS

Channel Bandwidth: 5 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.16	PASS
		1	12	23.08	PASS
		1	24	22.93	PASS
		12	0	22.12	PASS
		12	6	22.03	PASS
		12	13	21.98	PASS
		25	0	21.97	PASS
	MCH	1	0	22.77	PASS
		1	12	22.89	PASS
		1	24	22.80	PASS
		12	0	21.86	PASS
		12	6	21.86	PASS
		12	13	21.91	PASS
		25	0	21.82	PASS
	HCH	1	0	23.68	PASS
		1	12	23.89	PASS
		1	24	23.94	PASS
		12	0	22.69	PASS
		12	6	22.74	PASS
		12	13	22.83	PASS
		25	0	22.73	PASS
16QAM	LCH	1	0	22.30	PASS
		1	12	22.24	PASS
		1	24	22.12	PASS
		12	0	21.14	PASS

		12	6	21.08	PASS
		12	13	21.05	PASS
		25	0	20.95	PASS
MCH		1	0	22.16	PASS
		1	12	22.27	PASS
		1	24	22.18	PASS
		12	0	21.03	PASS
		12	6	21.02	PASS
		12	13	21.06	PASS
		25	0	20.87	PASS
HCH		1	0	22.54	PASS
		1	12	22.68	PASS
		1	24	22.74	PASS
		12	0	21.72	PASS
		12	6	21.77	PASS
		12	13	21.85	PASS
		25	0	21.73	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.09	PASS
		1	24	22.88	PASS
		1	49	22.77	PASS
		25	0	21.98	PASS
		25	12	21.89	PASS
		25	25	21.87	PASS
		50	0	21.92	PASS
	MCH	1	0	22.77	PASS
		1	24	22.77	PASS
		1	49	22.82	PASS
		25	0	21.80	PASS
		25	12	21.81	PASS
		25	25	21.87	PASS
		50	0	21.83	PASS
	HCH	1	0	23.33	PASS
		1	24	23.55	PASS
		1	49	23.83	PASS
		25	0	22.45	PASS
		25	12	22.56	PASS
		25	25	22.69	PASS
		50	0	22.56	PASS

16QAM	LCH	1	0	22.18	PASS
		1	24	22.02	PASS
		1	49	21.96	PASS
		25	0	20.93	PASS
		25	12	20.86	PASS
		25	25	20.86	PASS
		50	0	20.89	PASS
	MCH	1	0	22.06	PASS
		1	24	22.06	PASS
		1	49	22.09	PASS
		25	0	20.80	PASS
		25	12	20.85	PASS
		25	25	20.89	PASS
		50	0	20.86	PASS
	HCH	1	0	22.60	PASS
		1	24	22.83	PASS
		1	49	23.08	PASS
		25	0	21.46	PASS
		25	12	21.58	PASS
		25	25	21.69	PASS
		50	0	21.60	PASS

Channel Bandwidth: 15 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.11	PASS
		1	37	22.89	PASS
		1	74	22.78	PASS
		37	0	22.16	PASS
		37	18	22.04	PASS
		37	38	21.96	PASS
		75	0	22.06	PASS
	MCH	1	0	22.79	PASS
		1	37	22.87	PASS
		1	74	22.87	PASS
		37	0	21.89	PASS
		37	18	21.89	PASS
		37	38	21.99	PASS
		75	0	21.93	PASS
	HCH	1	0	23.05	PASS
		1	37	23.55	PASS
		1	74	23.89	PASS

		37	0	22.34	PASS
		37	18	22.58	PASS
		37	38	22.80	PASS
		75	0	22.58	PASS
16QAM	LCH	1	0	22.19	PASS
		1	37	22.08	PASS
		1	74	22.05	PASS
		37	0	21.02	PASS
		37	18	20.96	PASS
		37	38	20.89	PASS
		75	0	21.00	PASS
	MCH	1	0	22.08	PASS
		1	37	22.16	PASS
		1	74	22.14	PASS
		37	0	20.88	PASS
		37	18	20.87	PASS
		37	38	20.97	PASS
		75	0	20.93	PASS
	HCH	1	0	22.25	PASS
		1	37	22.68	PASS
		1	74	23.01	PASS
		37	0	21.30	PASS
		37	18	21.51	PASS
		37	38	21.74	PASS
		75	0	21.51	PASS

Channel Bandwidth: 20 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.25	PASS
		1	49	22.88	PASS
		1	99	22.91	PASS
		50	0	21.94	PASS
		50	25	21.84	PASS
		50	50	21.85	PASS
		100	0	21.89	PASS
	MCH	1	0	22.92	PASS
		1	49	22.93	PASS
		1	99	23.09	PASS
		50	0	21.84	PASS
		50	25	21.85	PASS
		50	50	21.92	PASS

		100	0	21.88	PASS
HCH	HCH	1	0	22.98	PASS
		1	49	23.36	PASS
		1	99	24.02	PASS
		50	0	23.85	PASS
		50	25	23.85	PASS
		50	50	23.86	PASS
		100	0	22.90	PASS
16QAM	LCH	1	0	22.24	PASS
		1	49	22.03	PASS
		1	99	22.08	PASS
		50	0	20.89	PASS
		50	25	20.83	PASS
		50	50	20.84	PASS
		100	0	20.88	PASS
	MCH	1	0	22.11	PASS
		1	49	22.08	PASS
		1	99	22.23	PASS
		50	0	20.83	PASS
		50	25	20.86	PASS
		50	50	20.93	PASS
		100	0	20.88	PASS
	HCH	1	0	22.27	PASS
		1	49	22.59	PASS
		1	99	23.12	PASS
		50	0	21.12	PASS
		50	25	21.31	PASS
		50	50	21.61	PASS
		100	0	21.30	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	2.7	<13	PASS
		1	3	2.56	<13	PASS
		1	5	2.6	<13	PASS
		3	0	2.8	<13	PASS
		3	2	2.74	<13	PASS
		3	3	2.72	<13	PASS
		6	0	3.6	<13	PASS
	MCH	1	0	4.66	<13	PASS
		1	3	4.62	<13	PASS
		1	5	4.53	<13	PASS
		3	0	4.78	<13	PASS
		3	2	4.74	<13	PASS
		3	3	4.7	<13	PASS
		6	0	5.34	<13	PASS
16QAM	LCH	1	0	3.2	<13	PASS
		1	3	3.1	<13	PASS
		1	5	3.09	<13	PASS
		3	0	3.22	<13	PASS
		3	2	3.21	<13	PASS
		3	3	3.18	<13	PASS
		6	0	4.04	<13	PASS
	MCH	1	0	3.83	<13	PASS
		1	3	3.65	<13	PASS
		1	5	3.66	<13	PASS
		3	0	3.84	<13	PASS
		3	2	3.83	<13	PASS
		3	3	3.86	<13	PASS
		6	0	4.61	<13	PASS

		3	2	5.73	<13	PASS
		3	3	5.68	<13	PASS
		6	0	6.11	<13	PASS
HCH		1	0	4.15	<13	PASS
		1	3	4.04	<13	PASS
		1	5	4.12	<13	PASS
		3	0	4.05	<13	PASS
		3	2	4.09	<13	PASS
		3	3	4.07	<13	PASS
		6	0	4.97	<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	2.73	<13	PASS
		1	7	2.58	<13	PASS
		1	14	2.77	<13	PASS
		8	0	3.59	<13	PASS
		8	4	3.6	<13	PASS
		8	7	3.61	<13	PASS
		15	0	3.7	<13	PASS
	MCH	1	0	4.85	<13	PASS
		1	7	4.63	<13	PASS
		1	14	4.71	<13	PASS
		8	0	5.37	<13	PASS
		8	4	5.31	<13	PASS
		8	7	5.25	<13	PASS
		15	0	5.43	<13	PASS
	HCH	1	0	3.09	<13	PASS
		1	7	3.11	<13	PASS
		1	14	3.1	<13	PASS
		8	0	4.13	<13	PASS
		8	4	4.07	<13	PASS
		8	7	4.09	<13	PASS
		15	0	4.22	<13	PASS
16QAM	LCH	1	0	3.82	<13	PASS
		1	7	3.66	<13	PASS
		1	14	3.72	<13	PASS
		8	0	4.52	<13	PASS
		8	4	4.55	<13	PASS

		8	7	4.51	<13	PASS
		15	0	4.68	<13	PASS
MCH		1	0	5.6	<13	PASS
		1	7	5.54	<13	PASS
		1	14	5.47	<13	PASS
		8	0	6.18	<13	PASS
		8	4	6.03	<13	PASS
		8	7	6.08	<13	PASS
		15	0	6.38	<13	PASS
HCH		1	0	4.14	<13	PASS
		1	7	4.01	<13	PASS
		1	14	4.08	<13	PASS
		8	0	4.99	<13	PASS
		8	4	5.07	<13	PASS
		8	7	5	<13	PASS
		15	0	5.13	<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	2.62	<13	PASS
		1	12	2.58	<13	PASS
		1	24	2.86	<13	PASS
		12	0	3.66	<13	PASS
		12	6	3.75	<13	PASS
		12	13	3.8	<13	PASS
		25	0	3.83	<13	PASS
	MCH	1	0	4.67	<13	PASS
		1	12	4.58	<13	PASS
		1	24	4.51	<13	PASS
		12	0	5.4	<13	PASS
		12	6	5.33	<13	PASS
		12	13	5.25	<13	PASS
		25	0	5.45	<13	PASS
	HCH	1	0	3.23	<13	PASS
		1	12	3.06	<13	PASS
		1	24	3.11	<13	PASS
		12	0	4.19	<13	PASS
		12	6	4.2	<13	PASS
		12	13	4.17	<13	PASS

		25	0	4.3	<13	PASS
16QAM	LCH	1	0	3.73	<13	PASS
		1	12	3.7	<13	PASS
		1	24	3.96	<13	PASS
		12	0	4.59	<13	PASS
		12	6	4.61	<13	PASS
		12	13	4.71	<13	PASS
		25	0	4.76	<13	PASS
	MCH	1	0	5.65	<13	PASS
		1	12	5.42	<13	PASS
		1	24	5.34	<13	PASS
		12	0	6.17	<13	PASS
		12	6	6.14	<13	PASS
		12	13	6.06	<13	PASS
		25	0	6.28	<13	PASS
	HCH	1	0	3.92	<13	PASS
		1	12	3.93	<13	PASS
		1	24	3.86	<13	PASS
		12	0	5.19	<13	PASS
		12	6	5.1	<13	PASS
		12	13	5.14	<13	PASS
		25	0	5.2	<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	2.64	<13	PASS
		1	24	2.85	<13	PASS
		1	49	3.52	<13	PASS
		25	0	3.8	<13	PASS
		25	12	3.96	<13	PASS
		25	25	4.2	<13	PASS
		50	0	4.06	<13	PASS
	MCH	1	0	4.77	<13	PASS
		1	24	4.75	<13	PASS
		1	49	4.24	<13	PASS
		25	0	5.44	<13	PASS
		25	12	5.39	<13	PASS
		25	25	5.25	<13	PASS
		50	0	5.36	<13	PASS

		1	0	3.33	<13	PASS
	HCH	1	24	3.18	<13	PASS
		1	49	3.07	<13	PASS
		25	0	4.31	<13	PASS
		25	12	4.28	<13	PASS
		25	25	4.26	<13	PASS
		50	0	4.36	<13	PASS
		1	0	3.64	<13	PASS
	LCH	1	24	3.81	<13	PASS
		1	49	4.42	<13	PASS
		25	0	4.71	<13	PASS
		25	12	4.81	<13	PASS
		25	25	5.03	<13	PASS
		50	0	4.94	<13	PASS
		1	0	5.66	<13	PASS
	MCH	1	24	5.56	<13	PASS
		1	49	5.13	<13	PASS
		25	0	6.33	<13	PASS
		25	12	6.17	<13	PASS
		25	25	6.07	<13	PASS
		50	0	6.07	<13	PASS
		1	0	4.35	<13	PASS
	HCH	1	24	4.14	<13	PASS
		1	49	4.09	<13	PASS
		25	0	5.21	<13	PASS
		25	12	5.18	<13	PASS
		25	25	5.12	<13	PASS
		50	0	5.21	<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	2.58	<13	PASS
		1	37	3.13	<13	PASS
		1	74	4.32	<13	PASS
		37	0	3.75	<13	PASS
		37	18	4.15	<13	PASS
		37	38	4.74	<13	PASS
		75	0	4.73	<13	PASS
	MCH	1	0	4.53	<13	PASS

		1	37	4.72	<13	PASS
		1	74	3.92	<13	PASS
		37	0	5.39	<13	PASS
		37	18	5.32	<13	PASS
		37	38	5.13	<13	PASS
		75	0	5.57	<13	PASS
		1	0	3.82	<13	PASS
		1	37	3.29	<13	PASS
		1	74	3.08	<13	PASS
		37	0	4.46	<13	PASS
		37	18	4.21	<13	PASS
		37	38	4.18	<13	PASS
		75	0	4.7	<13	PASS
16QAM	LCH	1	0	3.69	<13	PASS
		1	37	4.11	<13	PASS
		1	74	5.24	<13	PASS
		37	0	4.74	<13	PASS
		37	18	5.03	<13	PASS
		37	38	5.59	<13	PASS
		75	0	5.48	<13	PASS
	MCH	1	0	5.49	<13	PASS
		1	37	5.53	<13	PASS
		1	74	4.92	<13	PASS
		37	0	6.15	<13	PASS
		37	18	6.19	<13	PASS
		37	38	5.99	<13	PASS
		75	0	6.22	<13	PASS
	HCH	1	0	4.79	<13	PASS
		1	37	4.27	<13	PASS
		1	74	4.07	<13	PASS
		37	0	5.39	<13	PASS
		37	18	5.16	<13	PASS
		37	38	5.16	<13	PASS
		75	0	5.47	<13	PASS

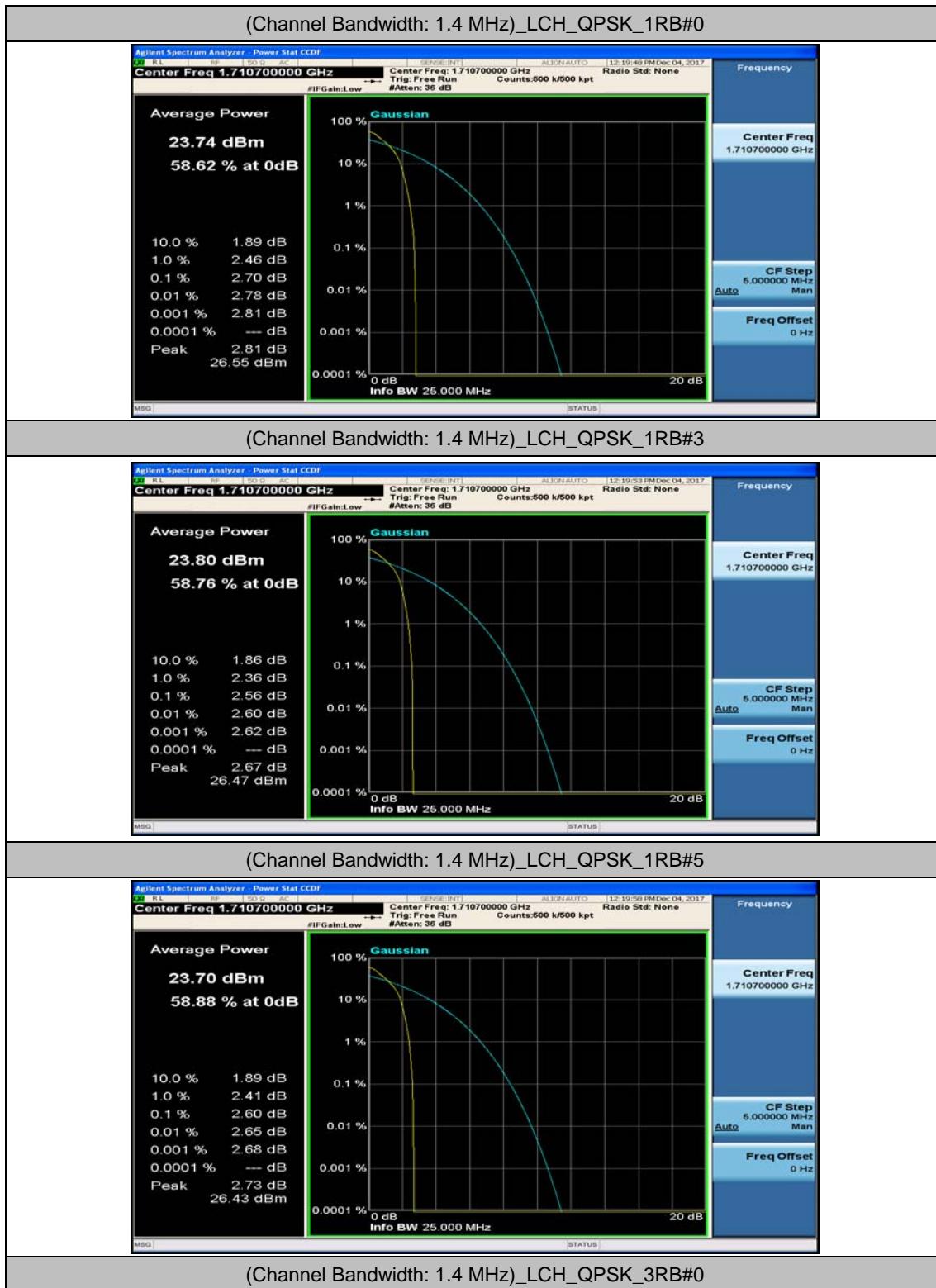
Channel Bandwidth: 20 MHz

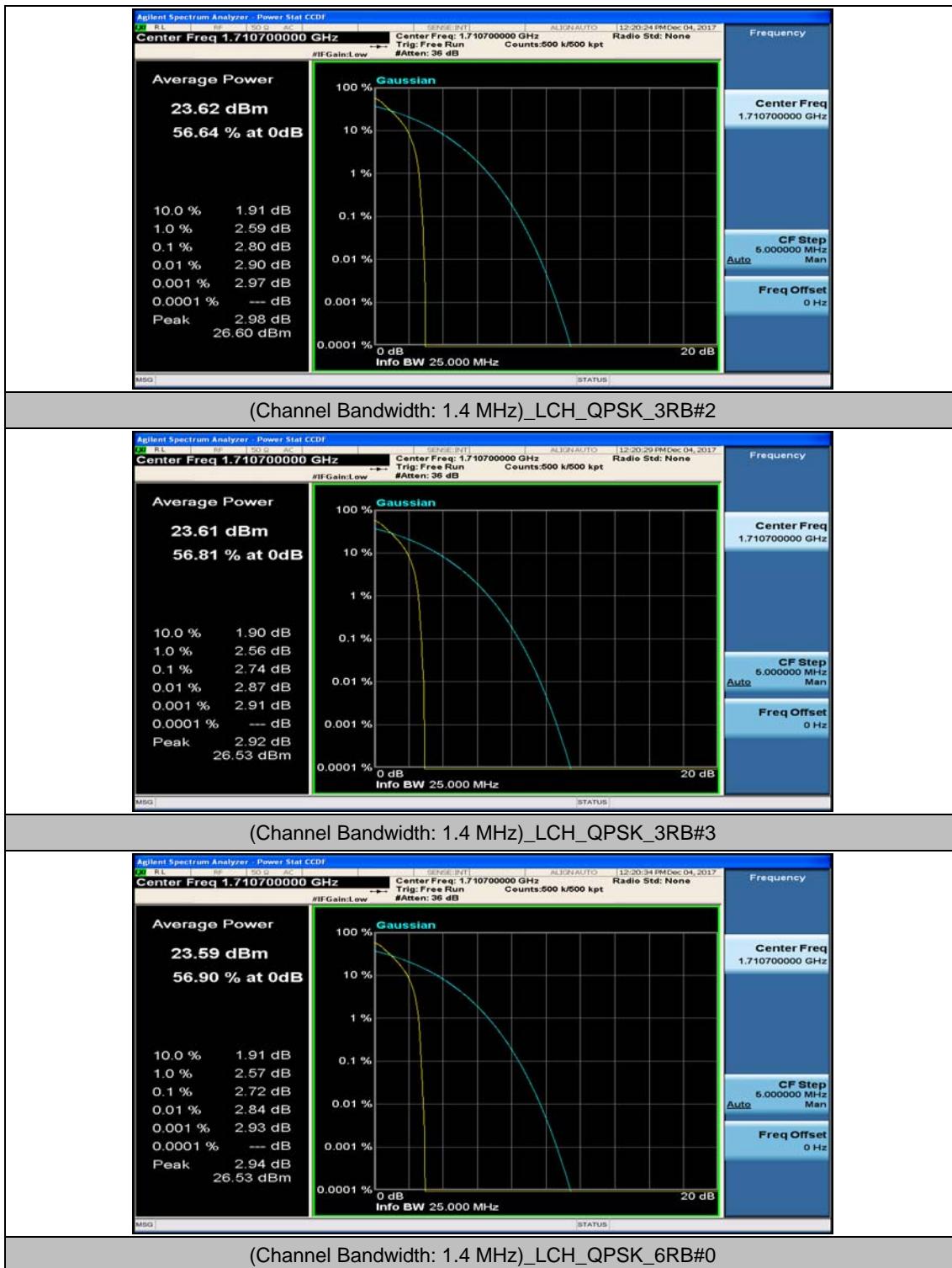
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	2.56	<13	PASS
		1	49	3.52	<13	PASS

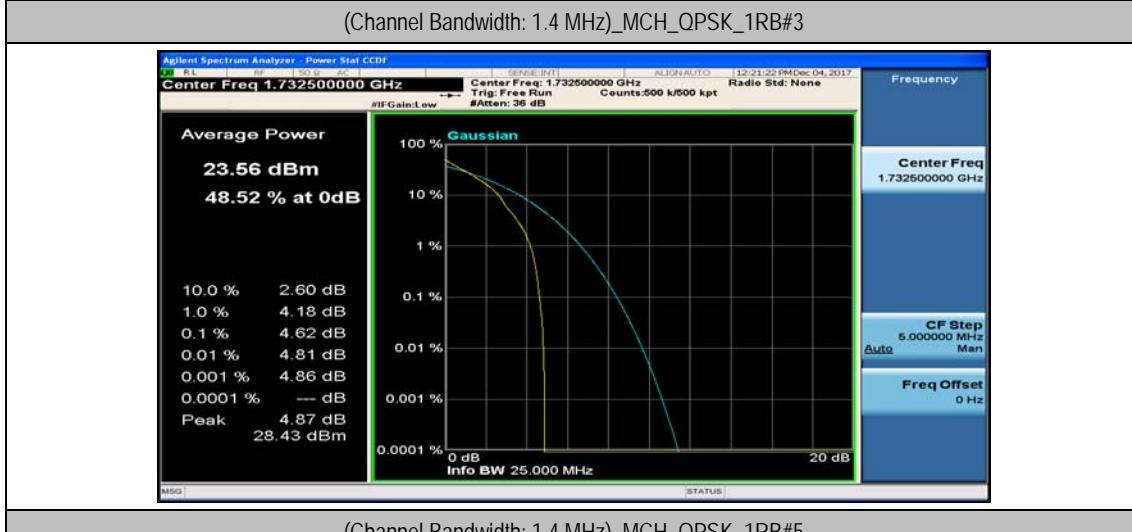
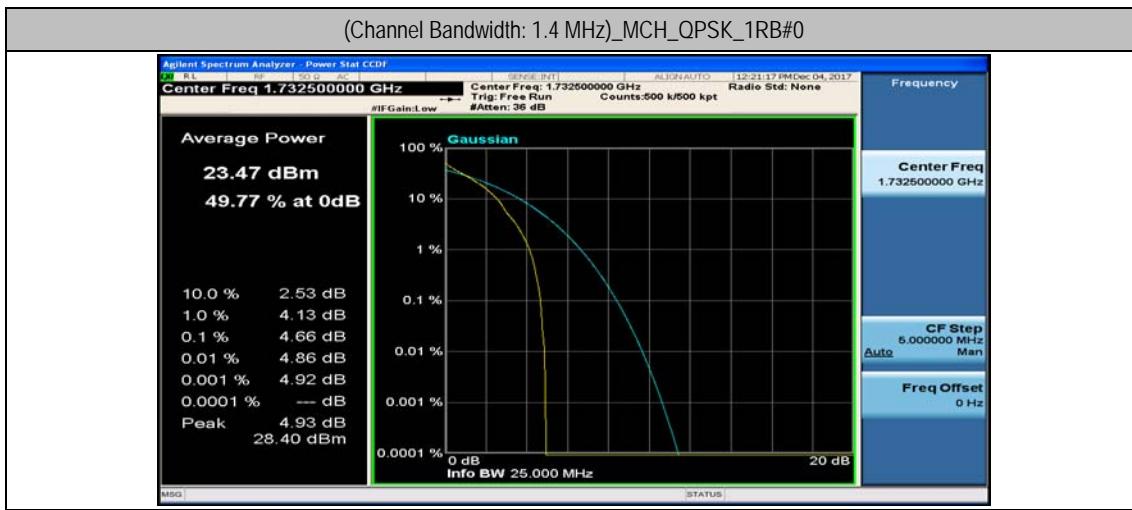
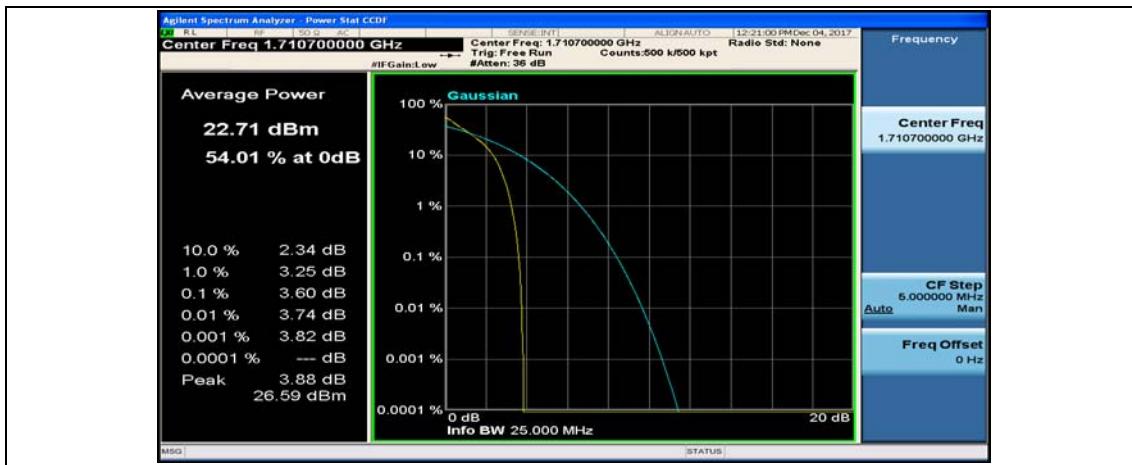
		1	99	4.68	<13	PASS
		50	0	4.16	<13	PASS
		50	25	4.67	<13	PASS
		50	50	5.23	<13	PASS
		100	0	5.11	<13	PASS
	MCH	1	0	4.1	<13	PASS
		1	49	4.68	<13	PASS
		1	99	3.69	<13	PASS
		50	0	5.35	<13	PASS
		50	25	5.3	<13	PASS
		50	50	5.14	<13	PASS
		100	0	5.43	<13	PASS
	HCH	1	0	4.4	<13	PASS
		1	49	3.42	<13	PASS
		1	99	3.12	<13	PASS
		50	0	4.8	<13	PASS
		50	25	4.51	<13	PASS
		50	50	4.41	<13	PASS
		100	0	5	<13	PASS
	LCH	1	0	3.5	<13	PASS
		1	49	4.43	<13	PASS
		1	99	5.74	<13	PASS
		50	0	4.99	<13	PASS
		50	25	5.51	<13	PASS
		50	50	6.09	<13	PASS
		100	0	5.86	<13	PASS
	MCH	1	0	5.04	<13	PASS
		1	49	5.21	<13	PASS
		1	99	4.65	<13	PASS
		50	0	6.17	<13	PASS
		50	25	6.17	<13	PASS
		50	50	5.91	<13	PASS
		100	0	6.16	<13	PASS
	HCH	1	0	5.18	<13	PASS
		1	49	4.22	<13	PASS
		1	99	4.02	<13	PASS
		50	0	5.61	<13	PASS
		50	25	5.34	<13	PASS
		50	50	5.25	<13	PASS
		100	0	5.74	<13	PASS

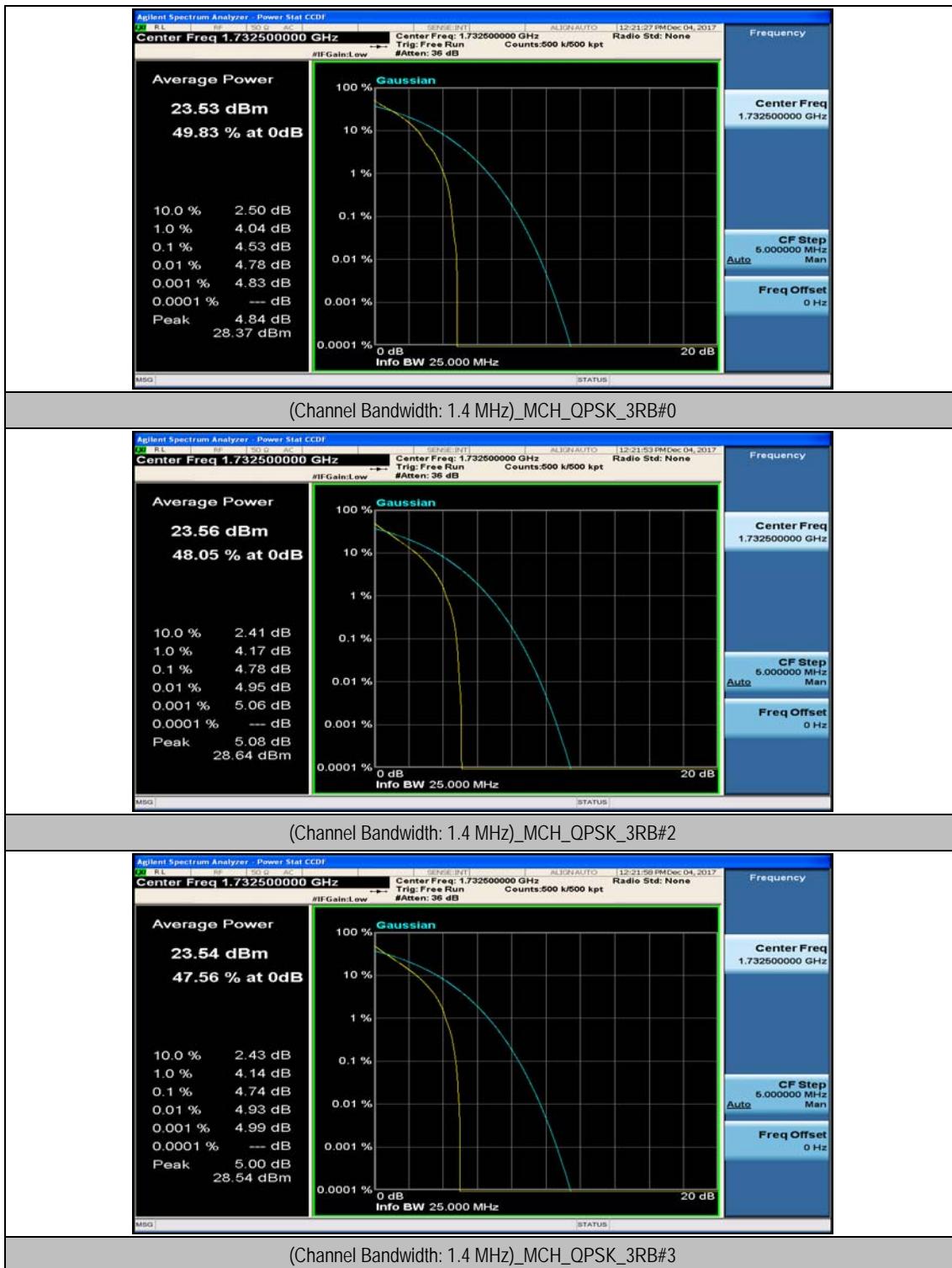
Test Graphs

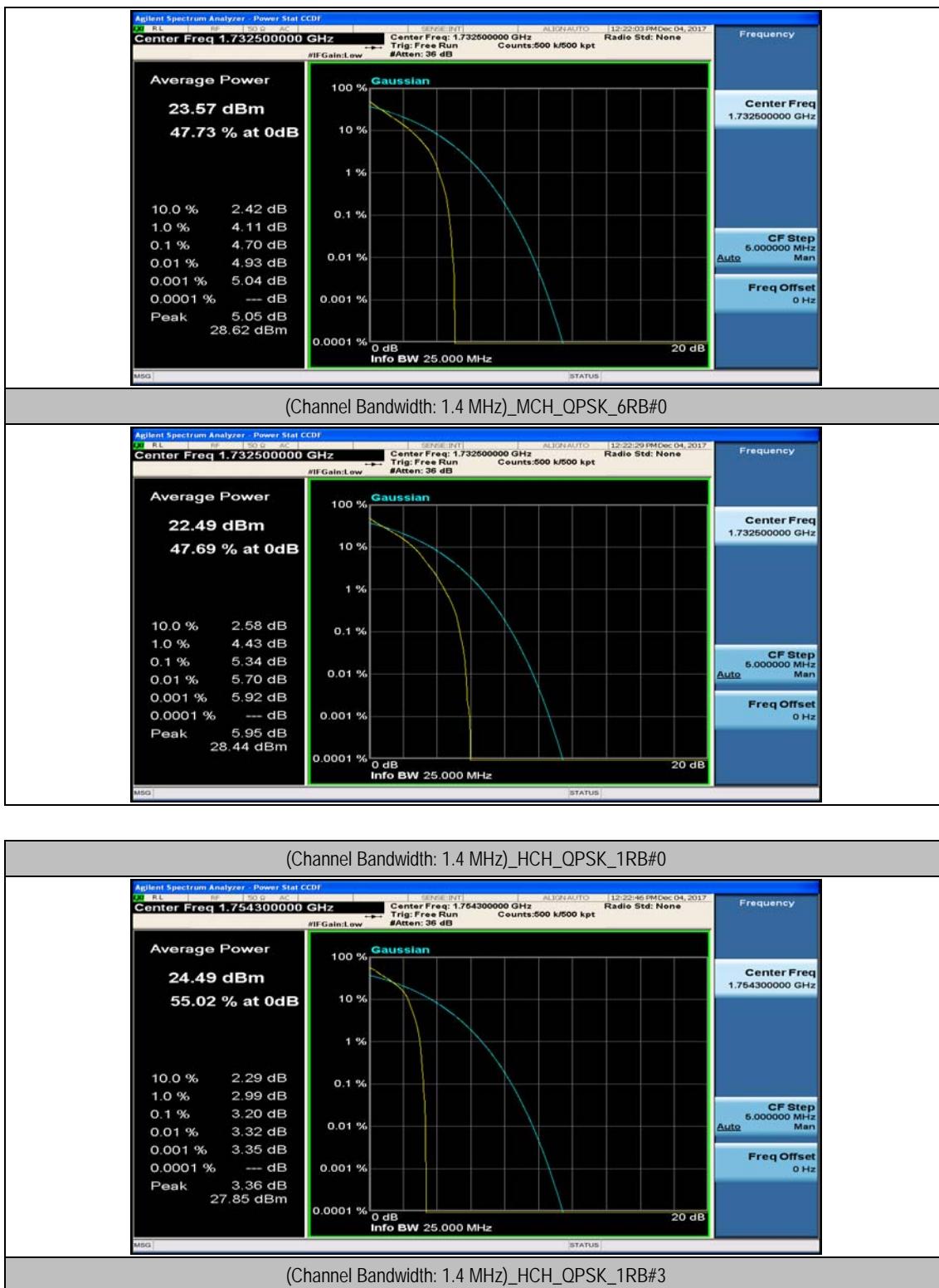
Channel Bandwidth: 1.4 MHz

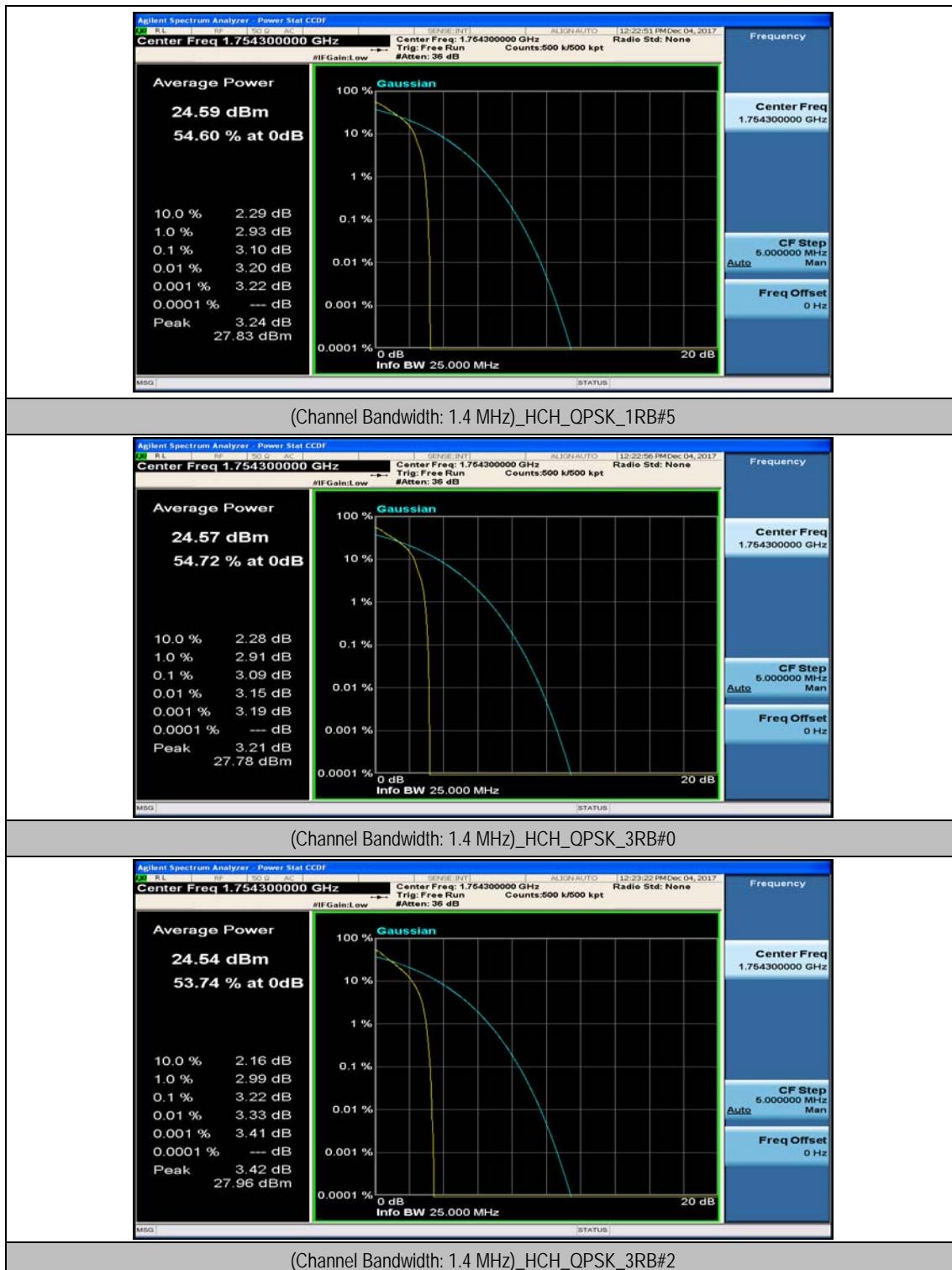


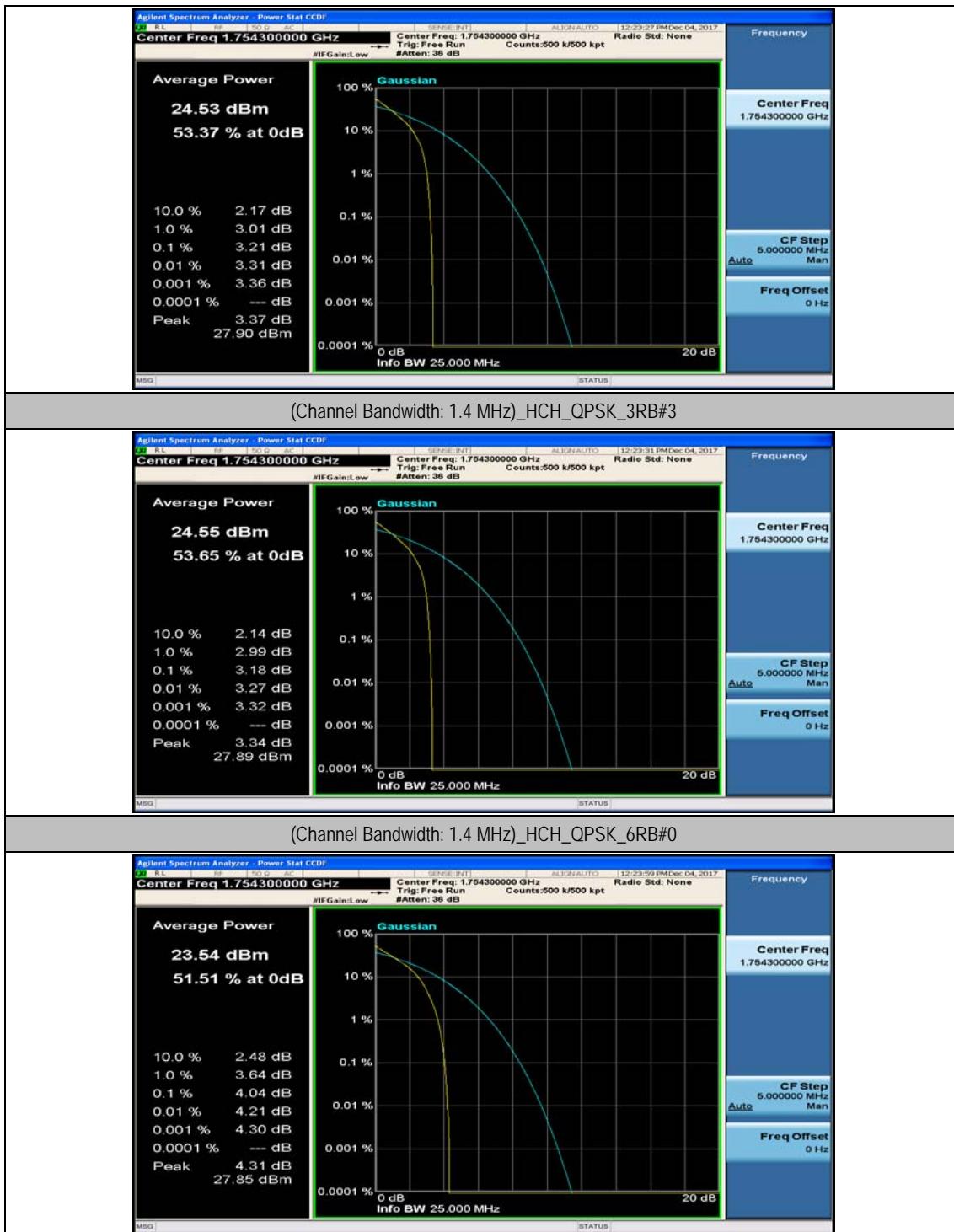


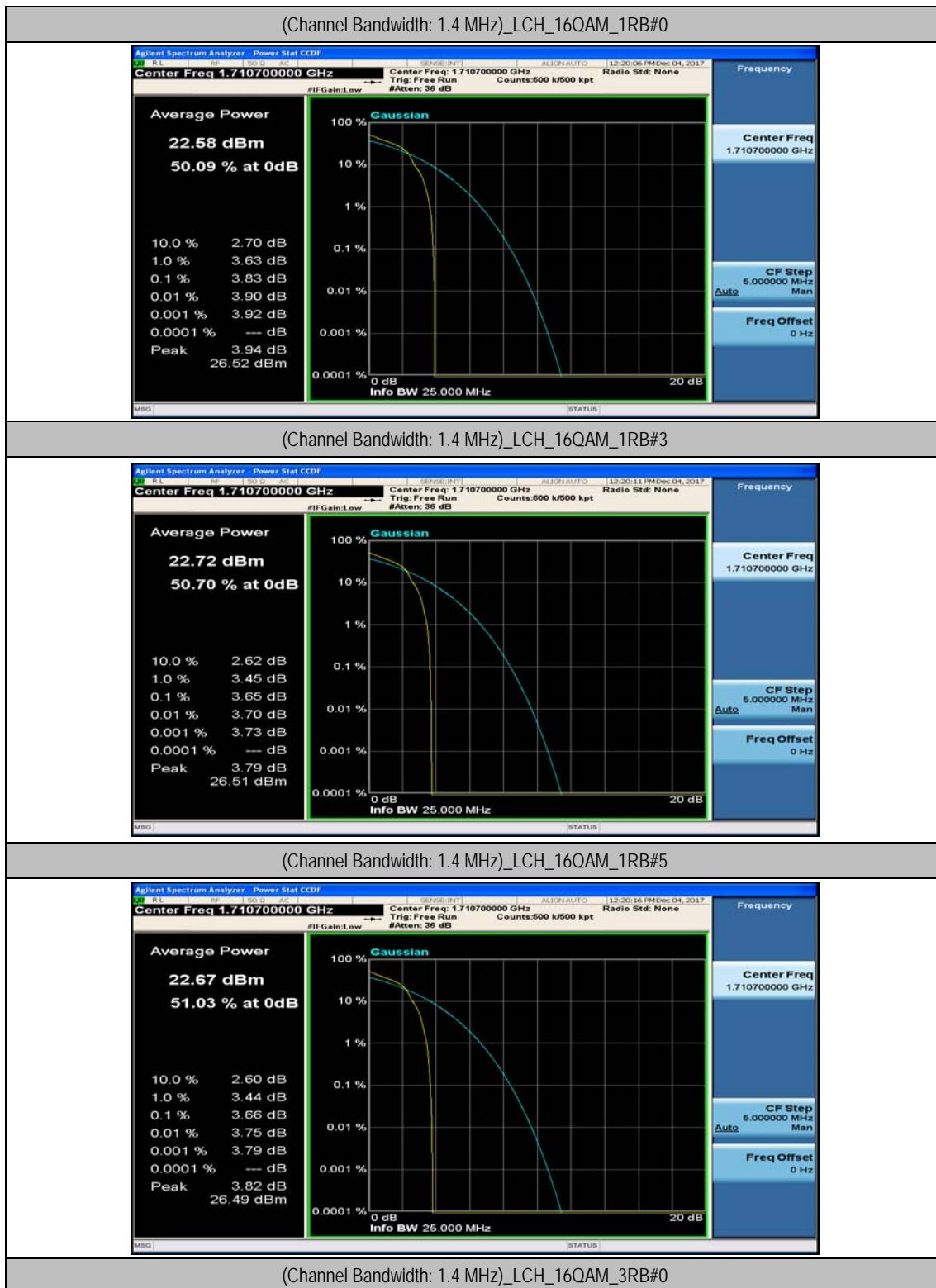


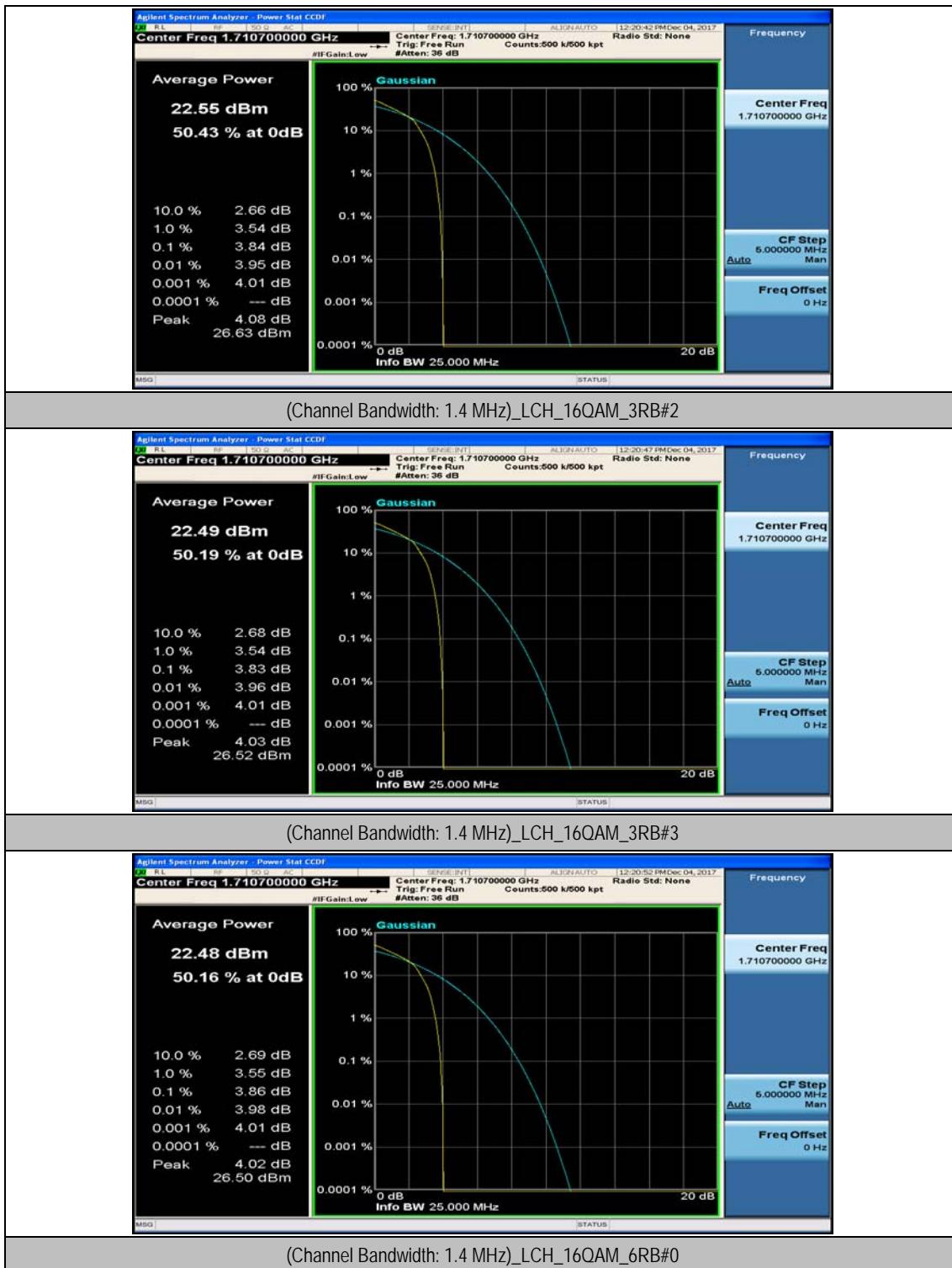


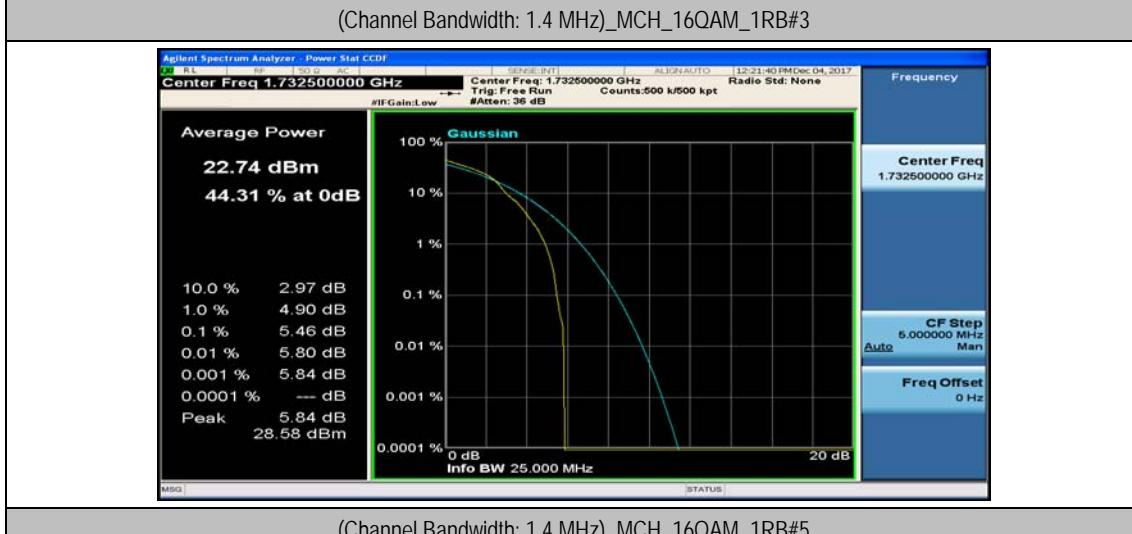


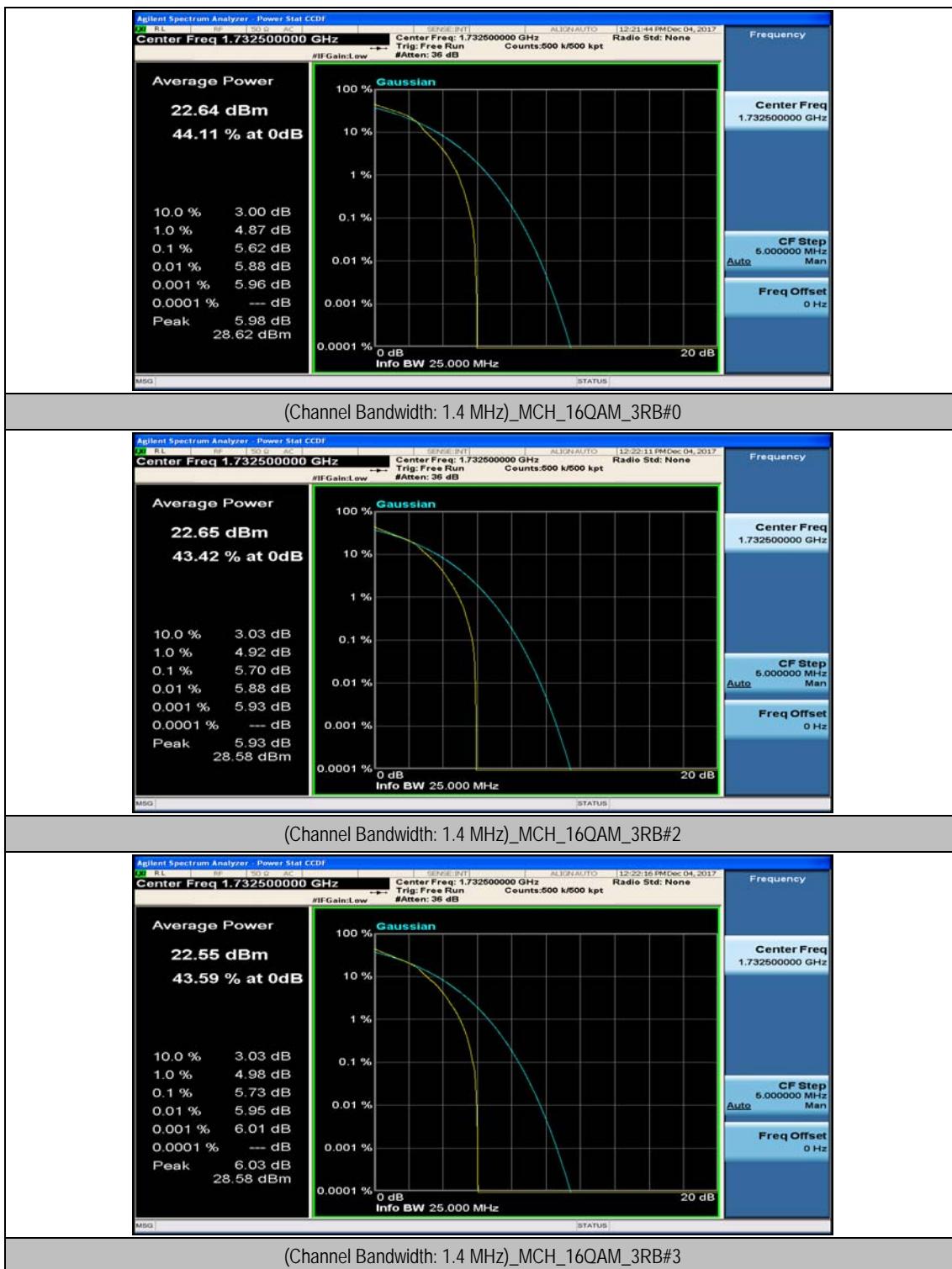


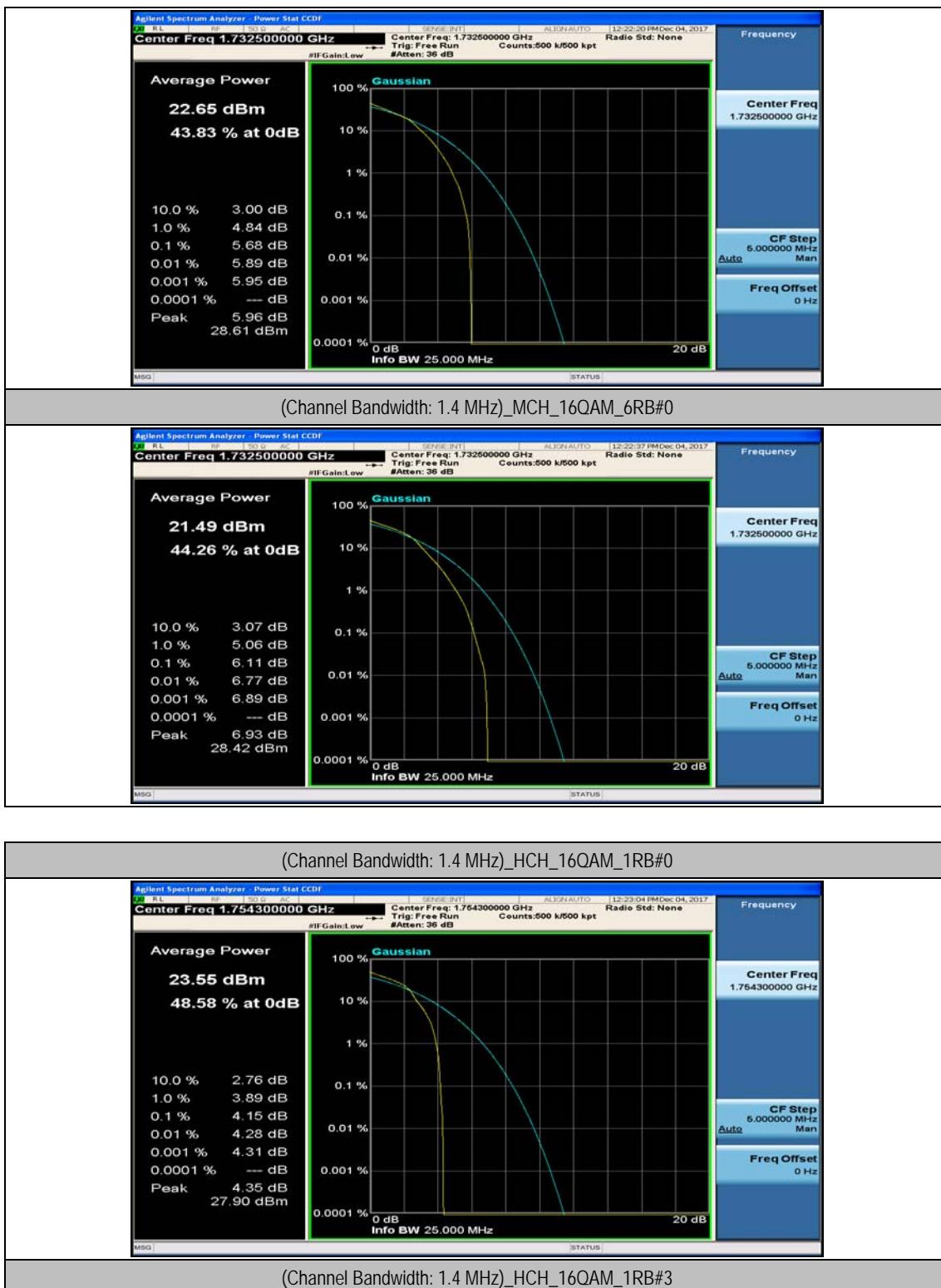


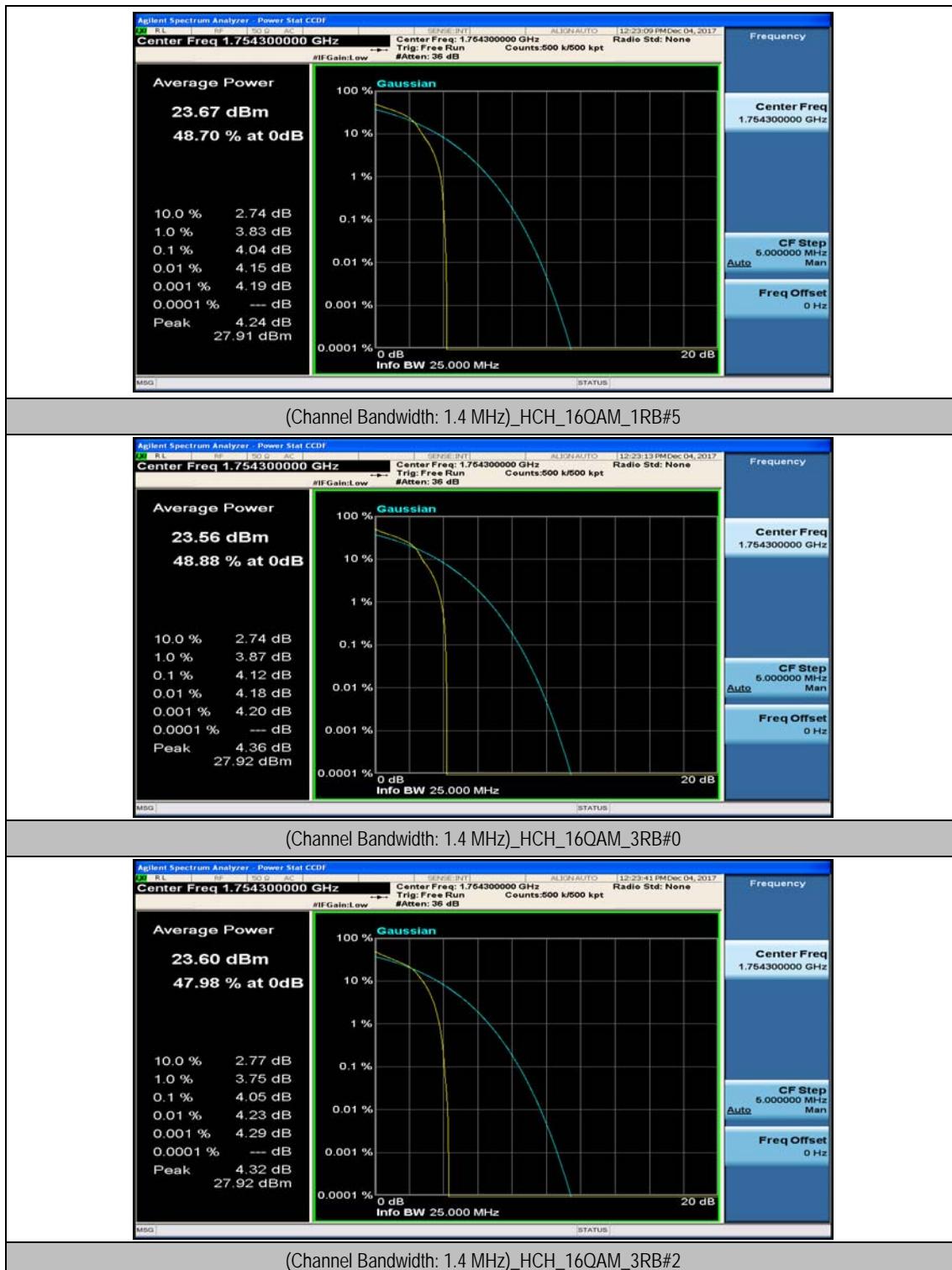


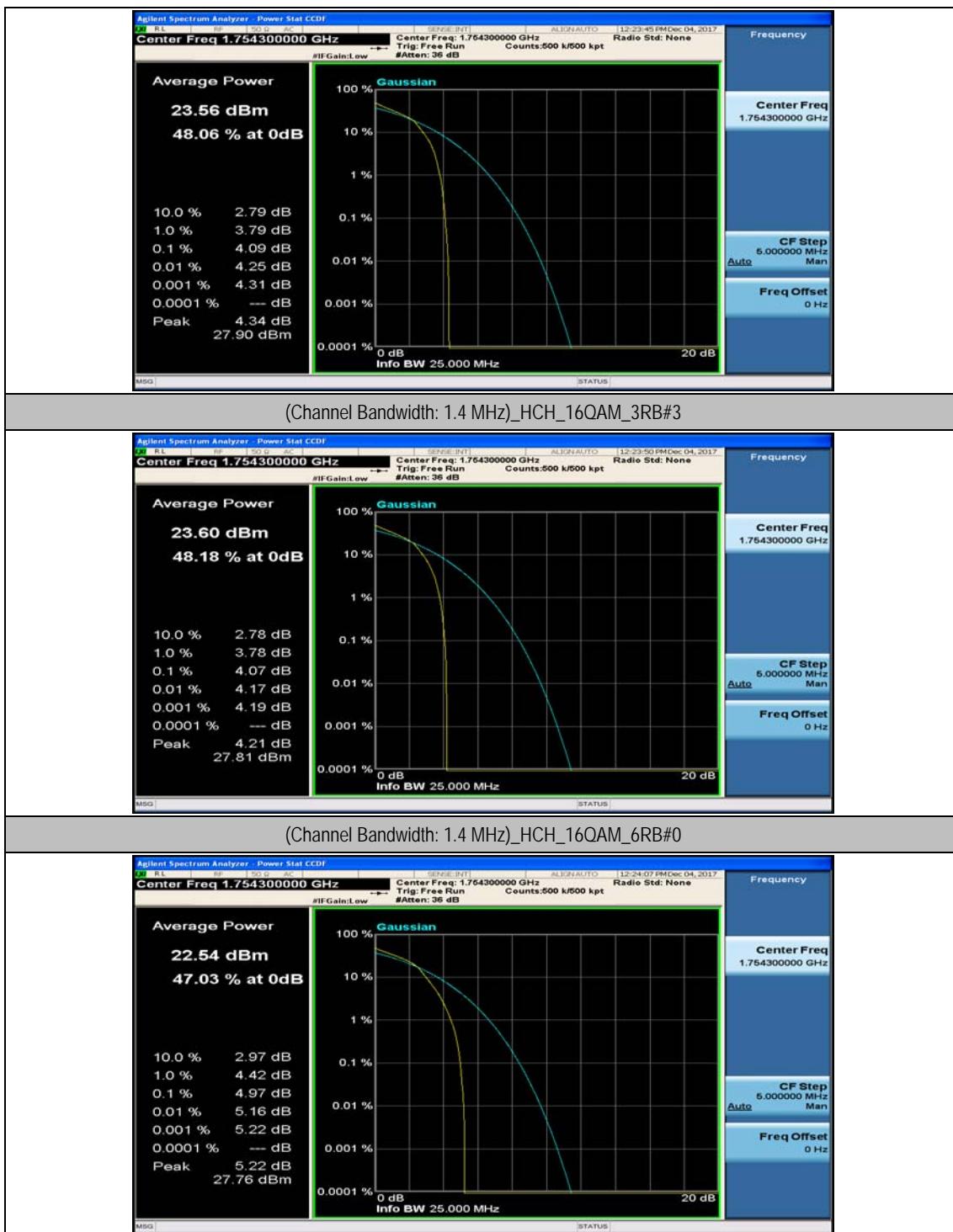




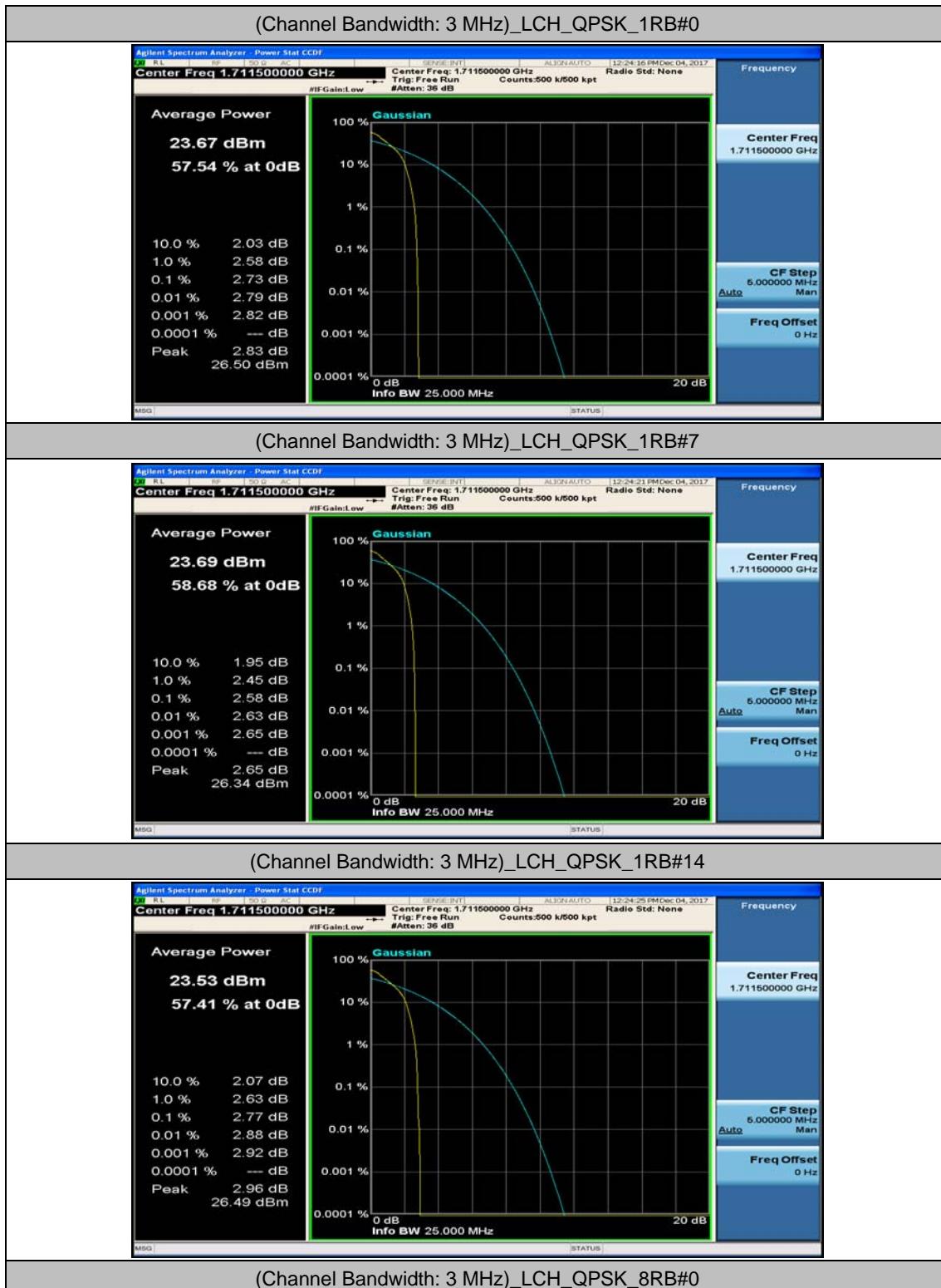


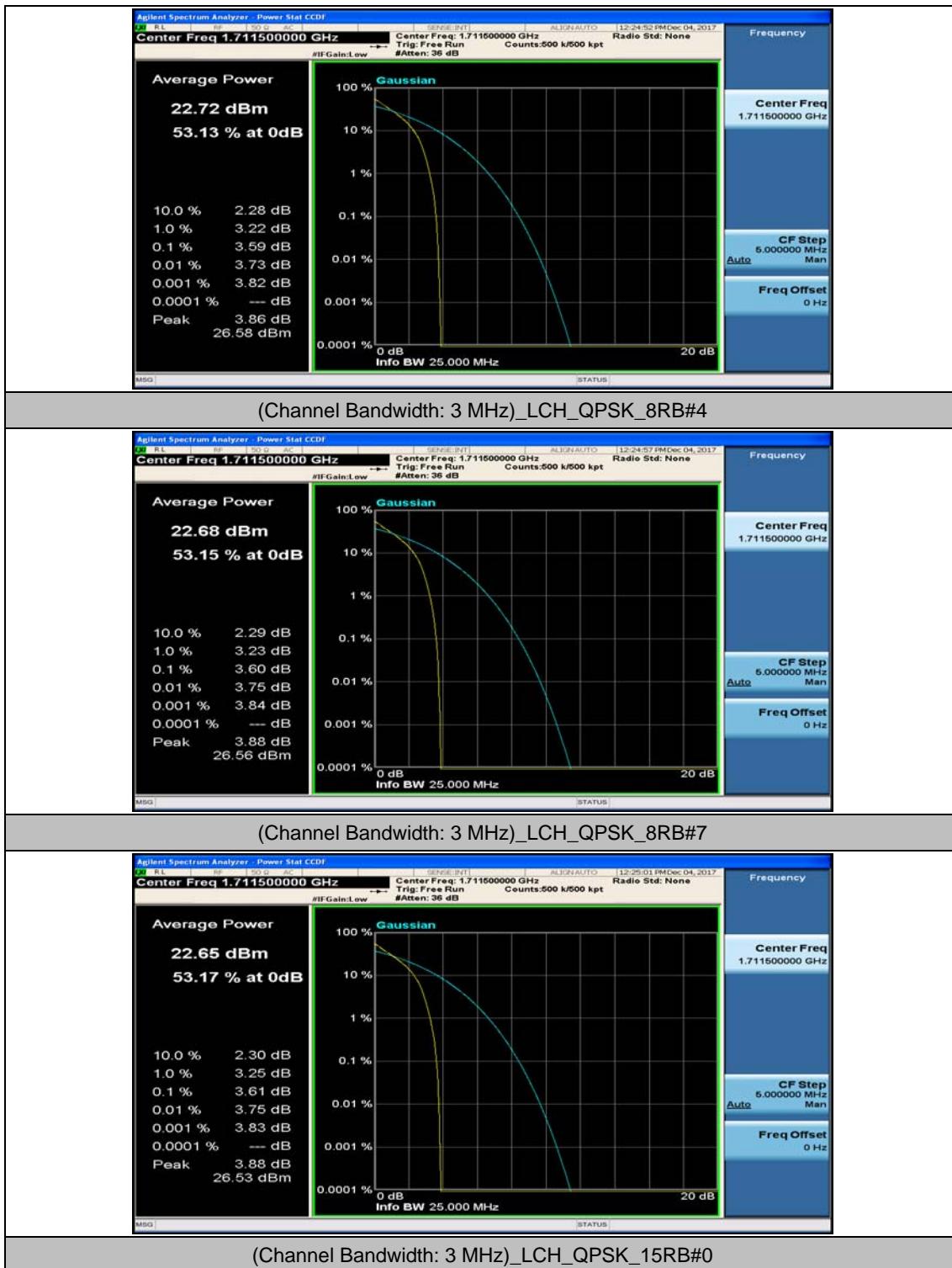


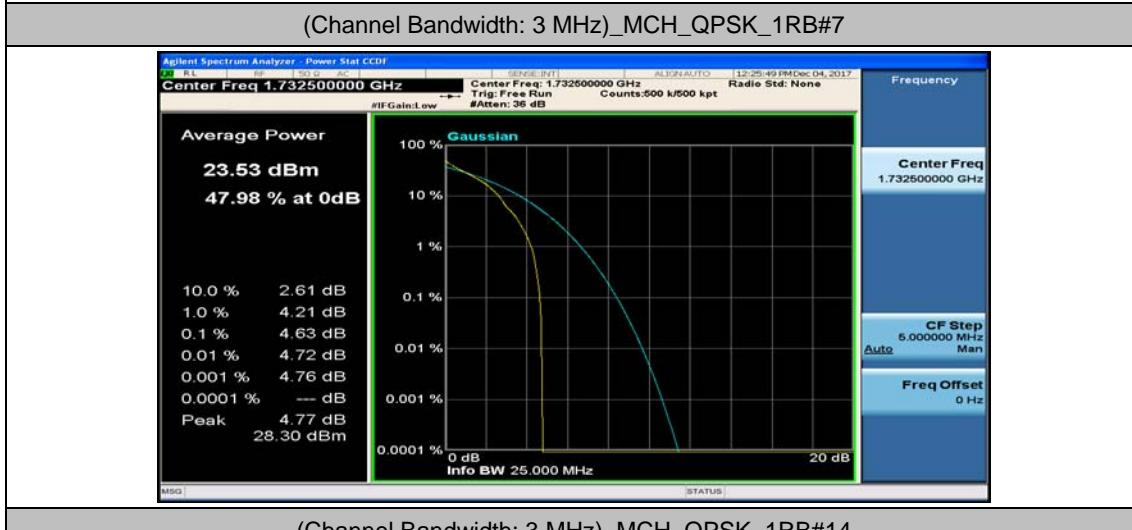
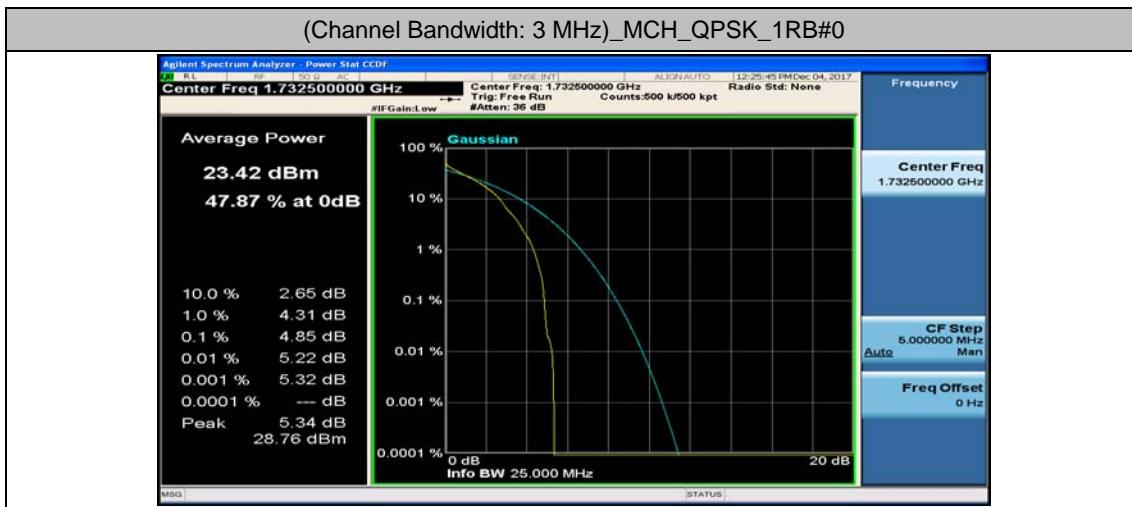
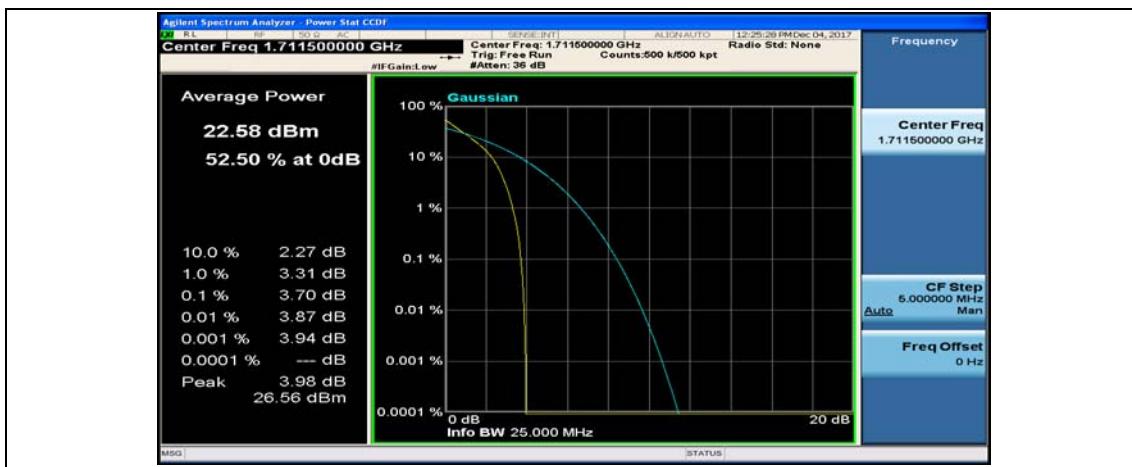


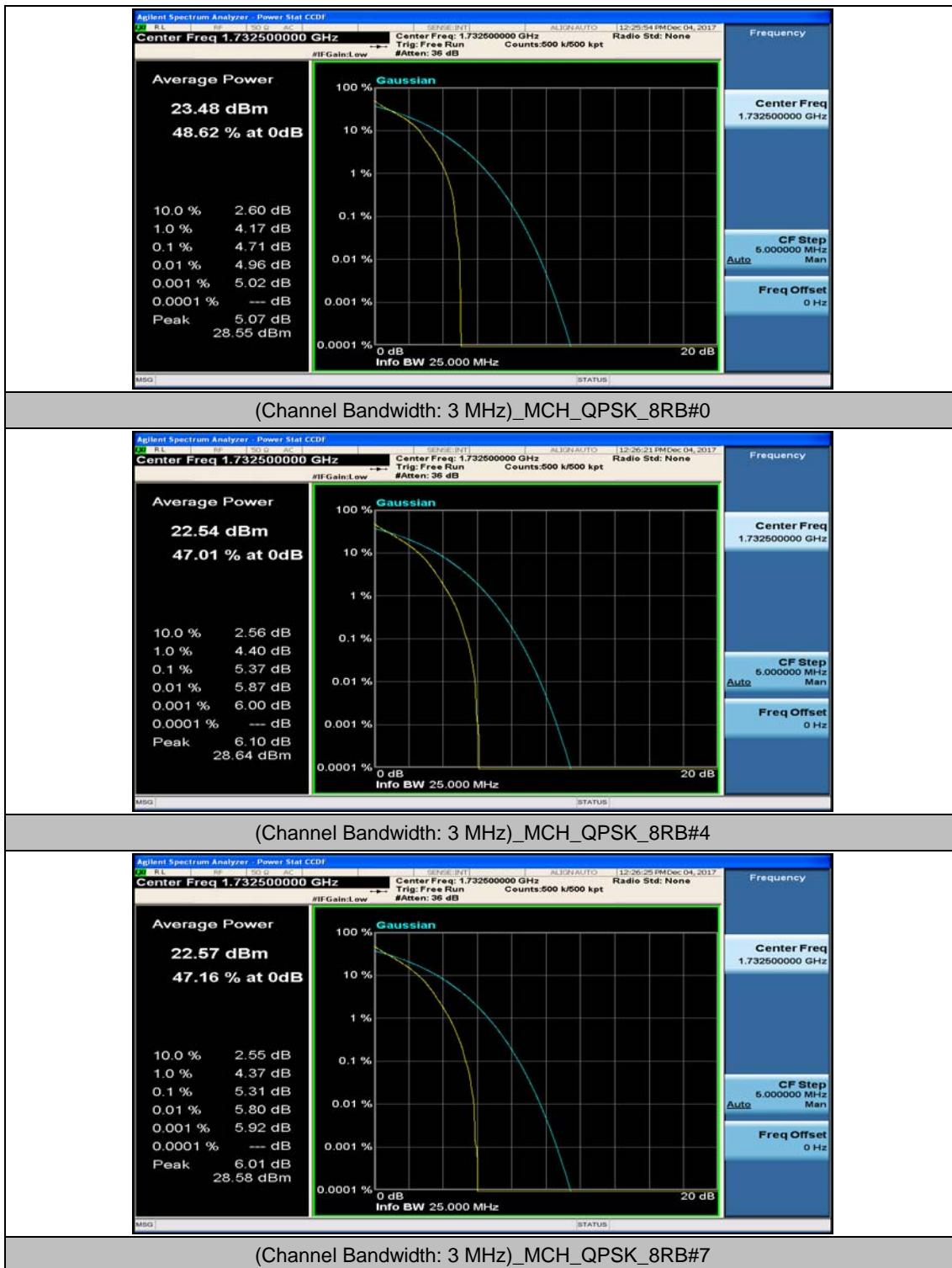


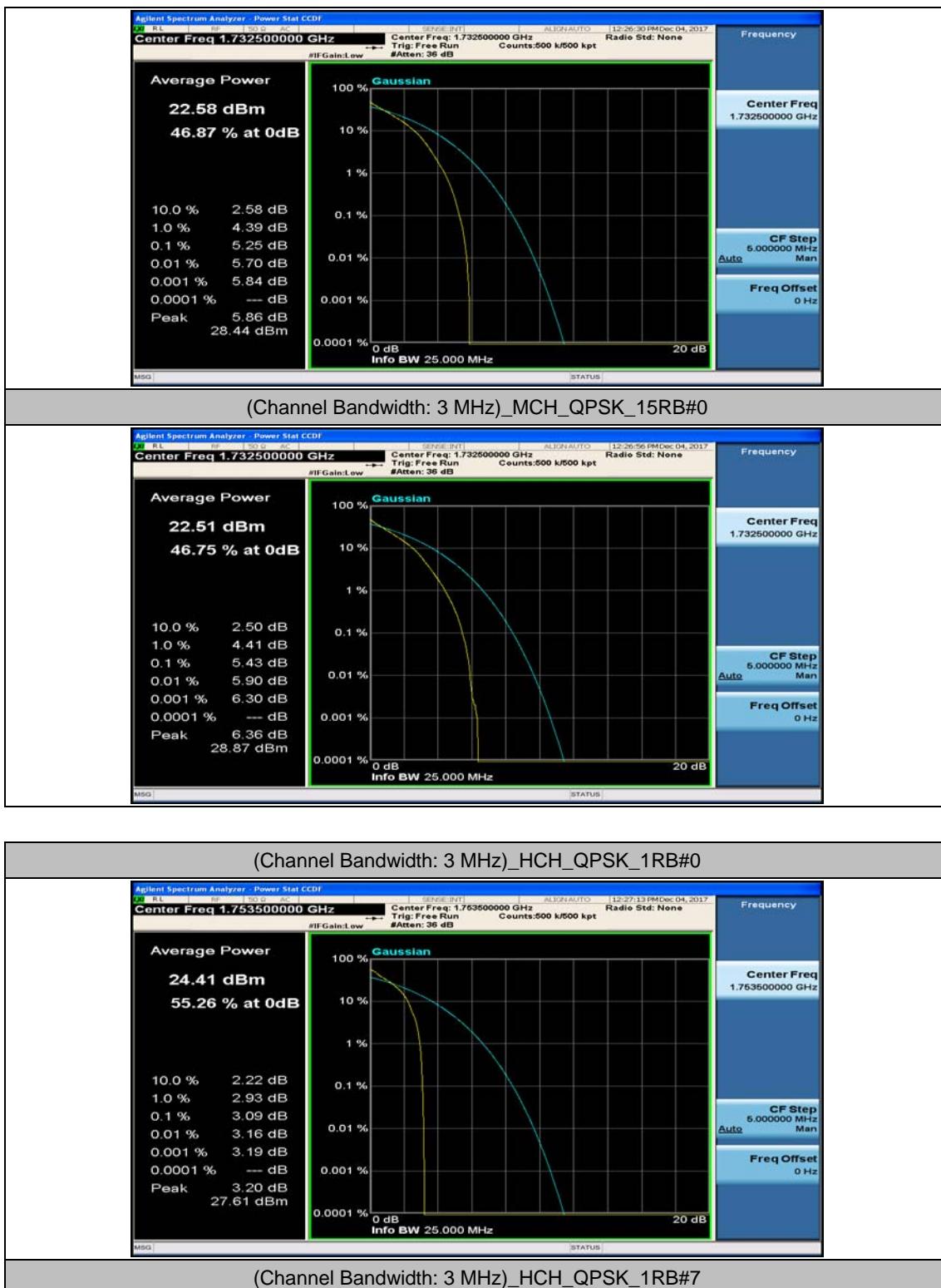
Channel Bandwidth: 3 MHz

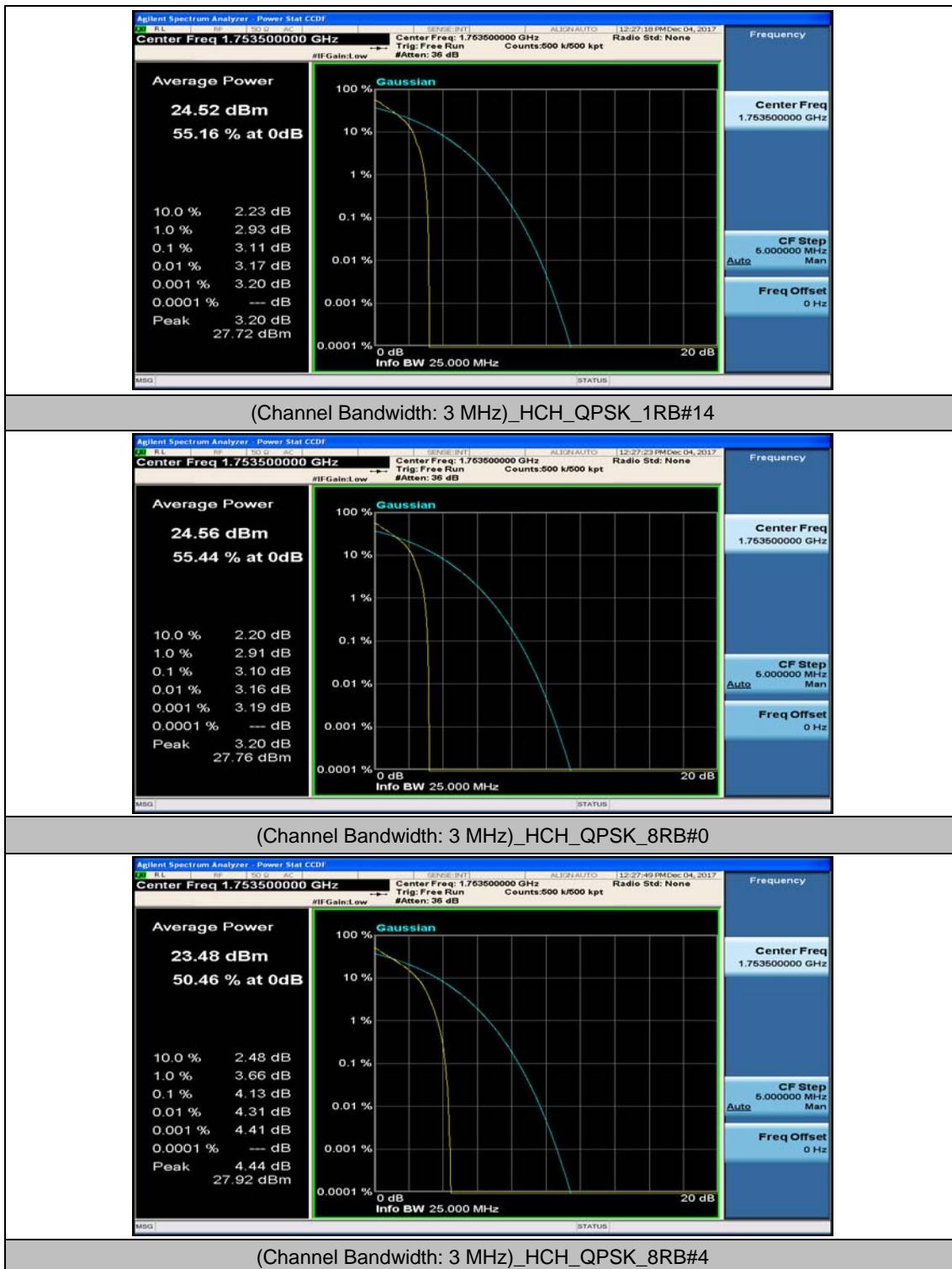


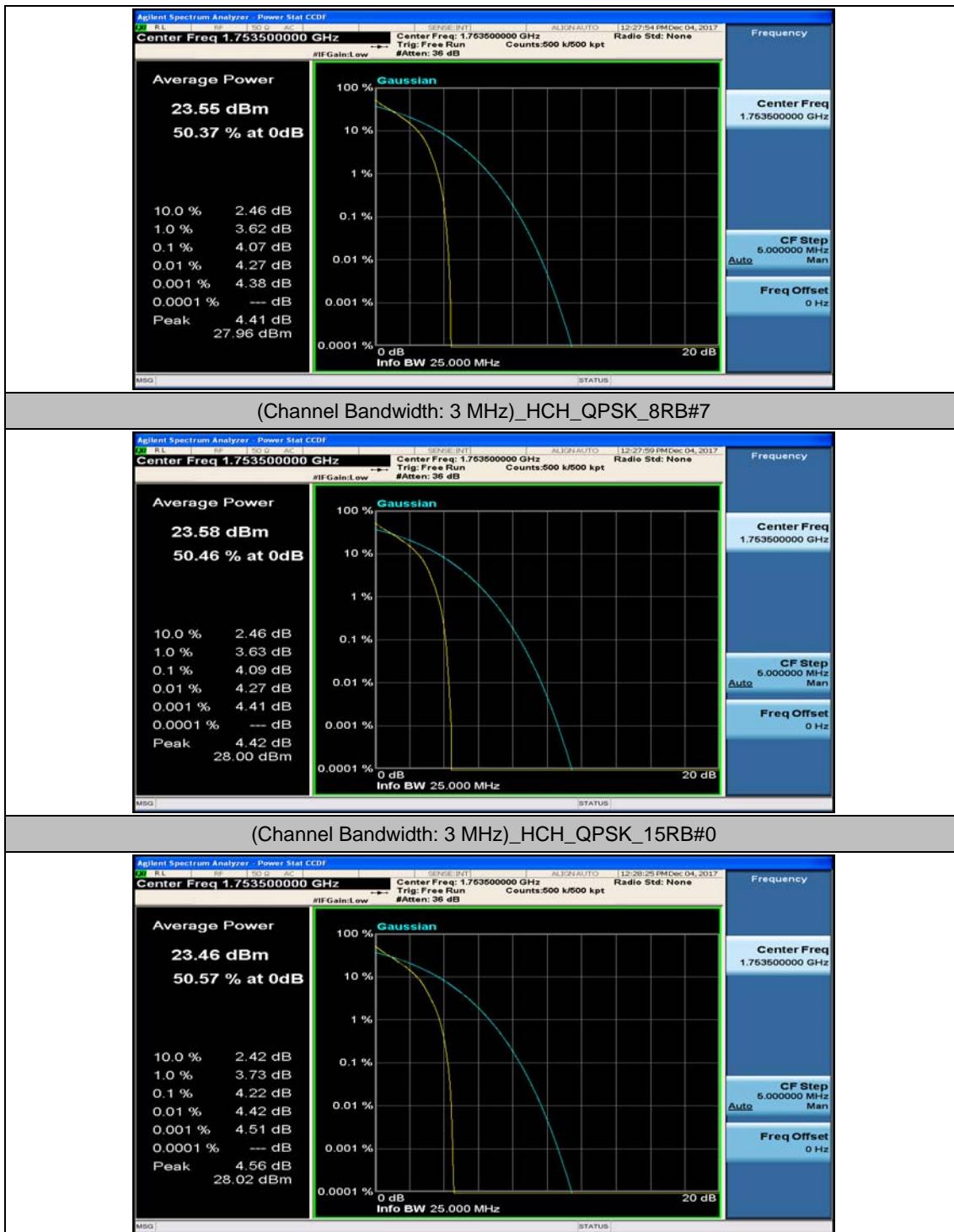


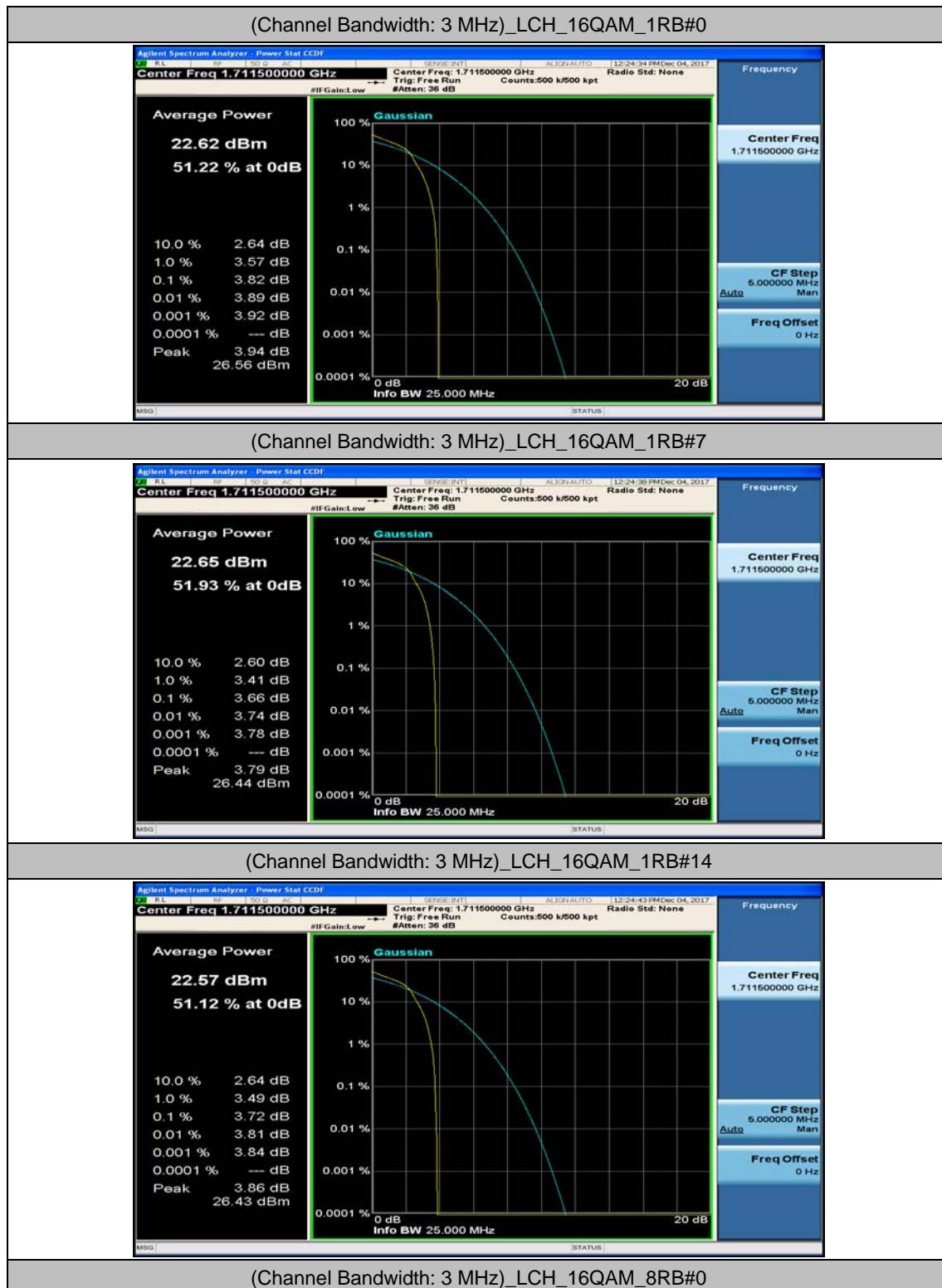


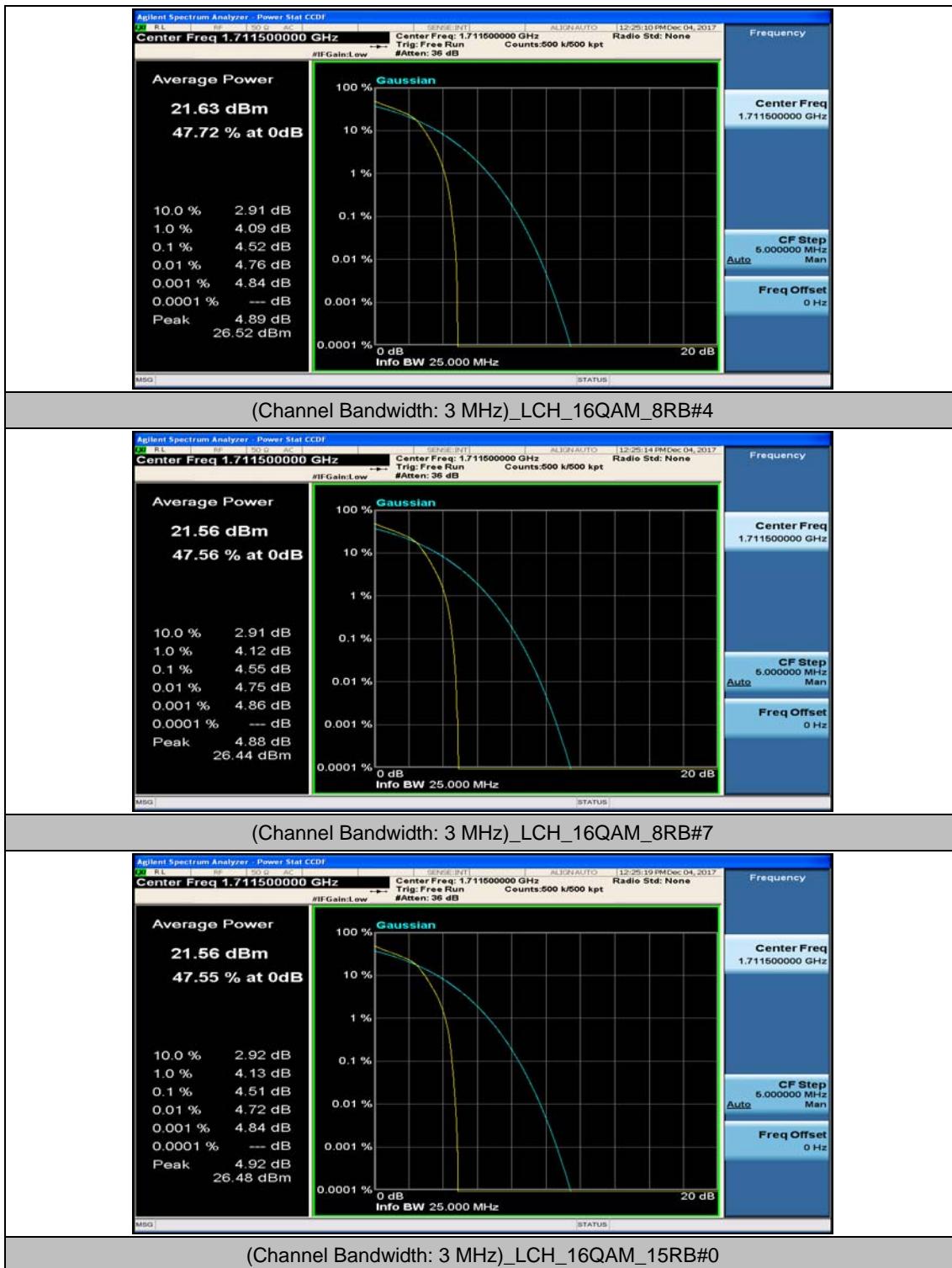


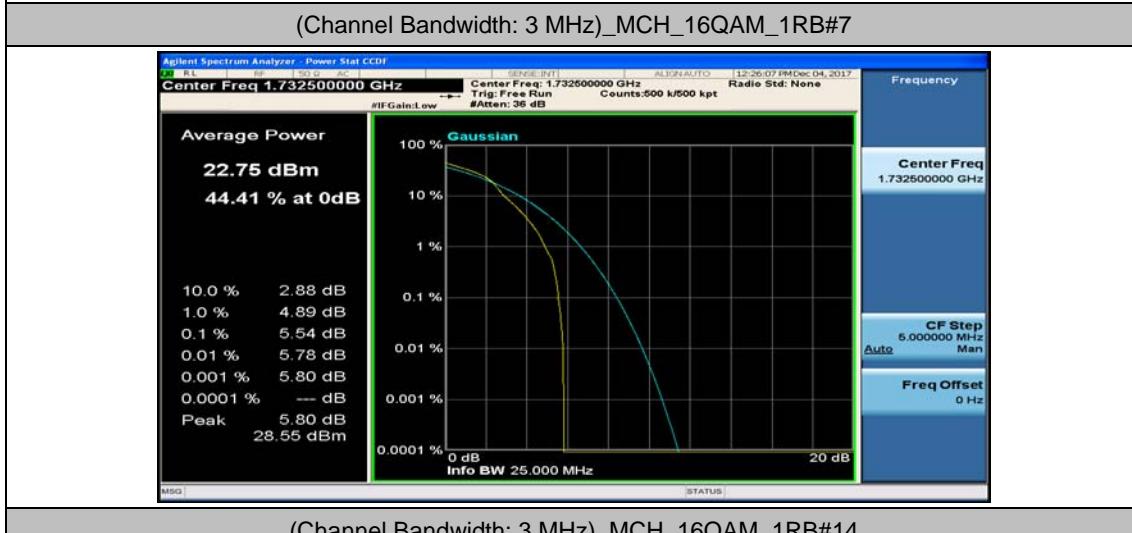
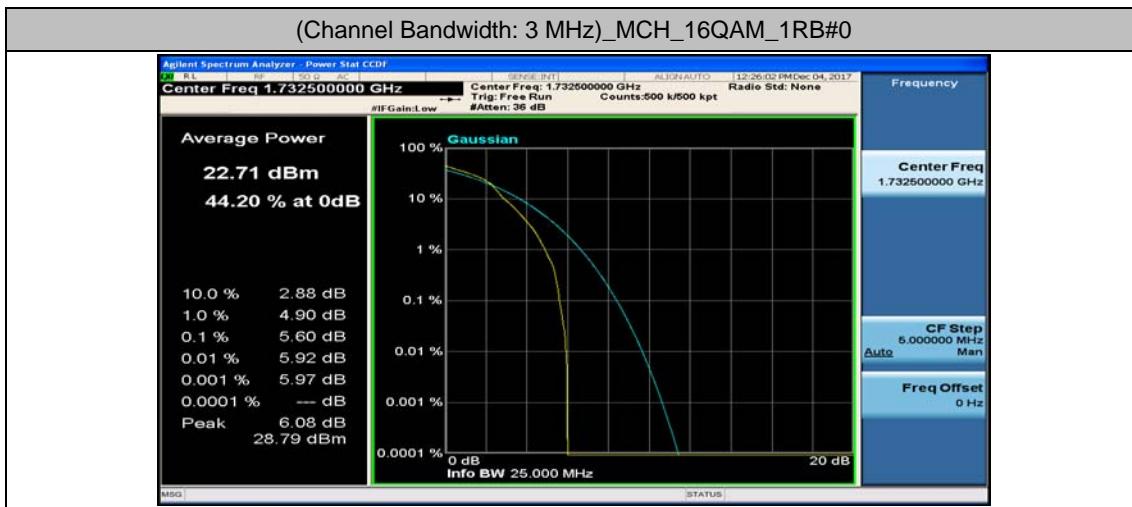
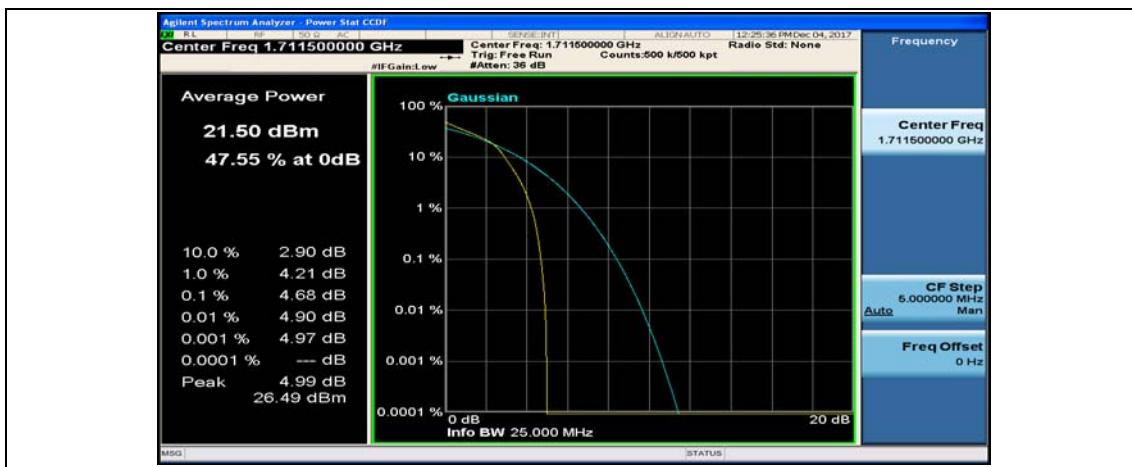




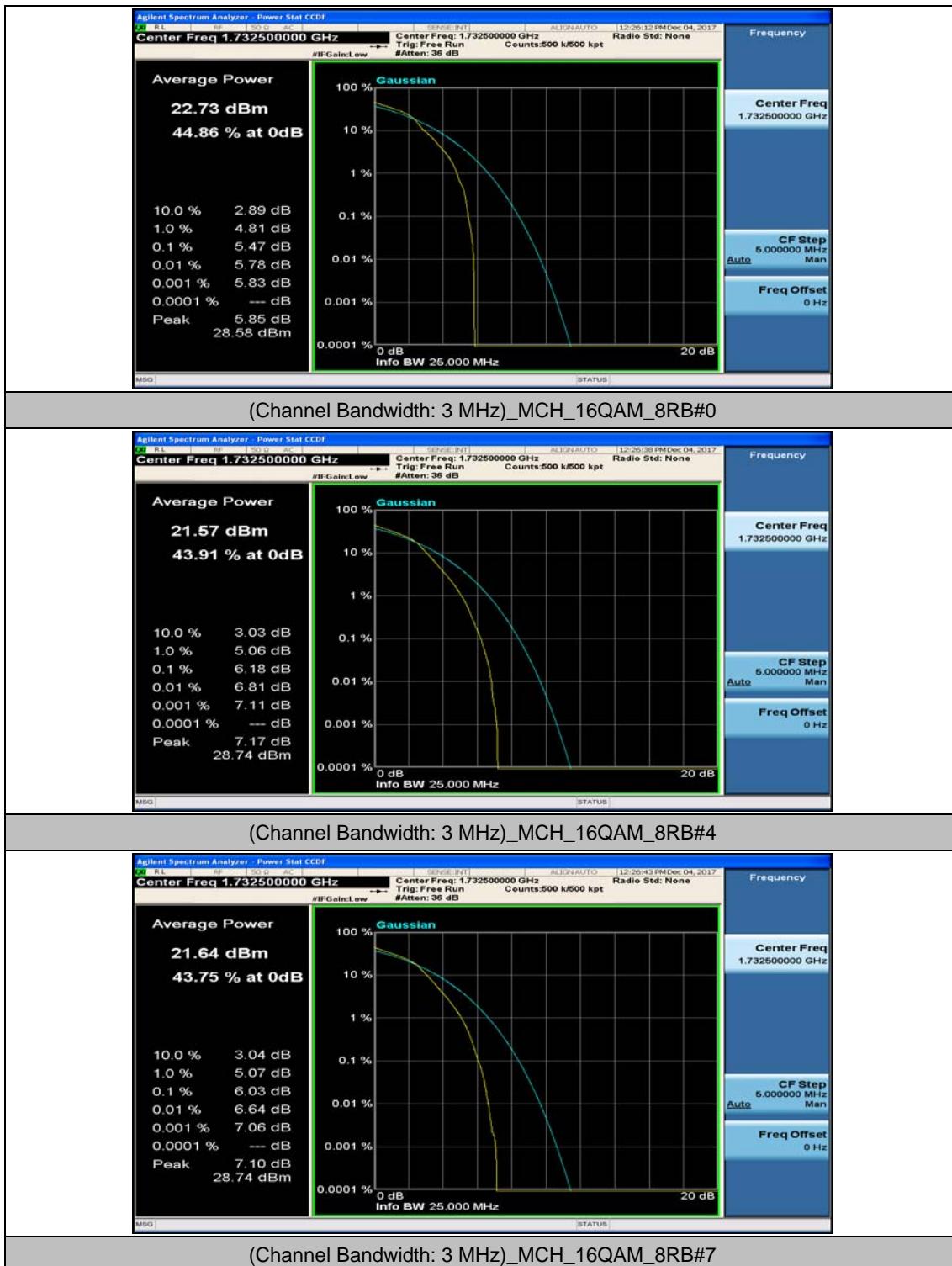


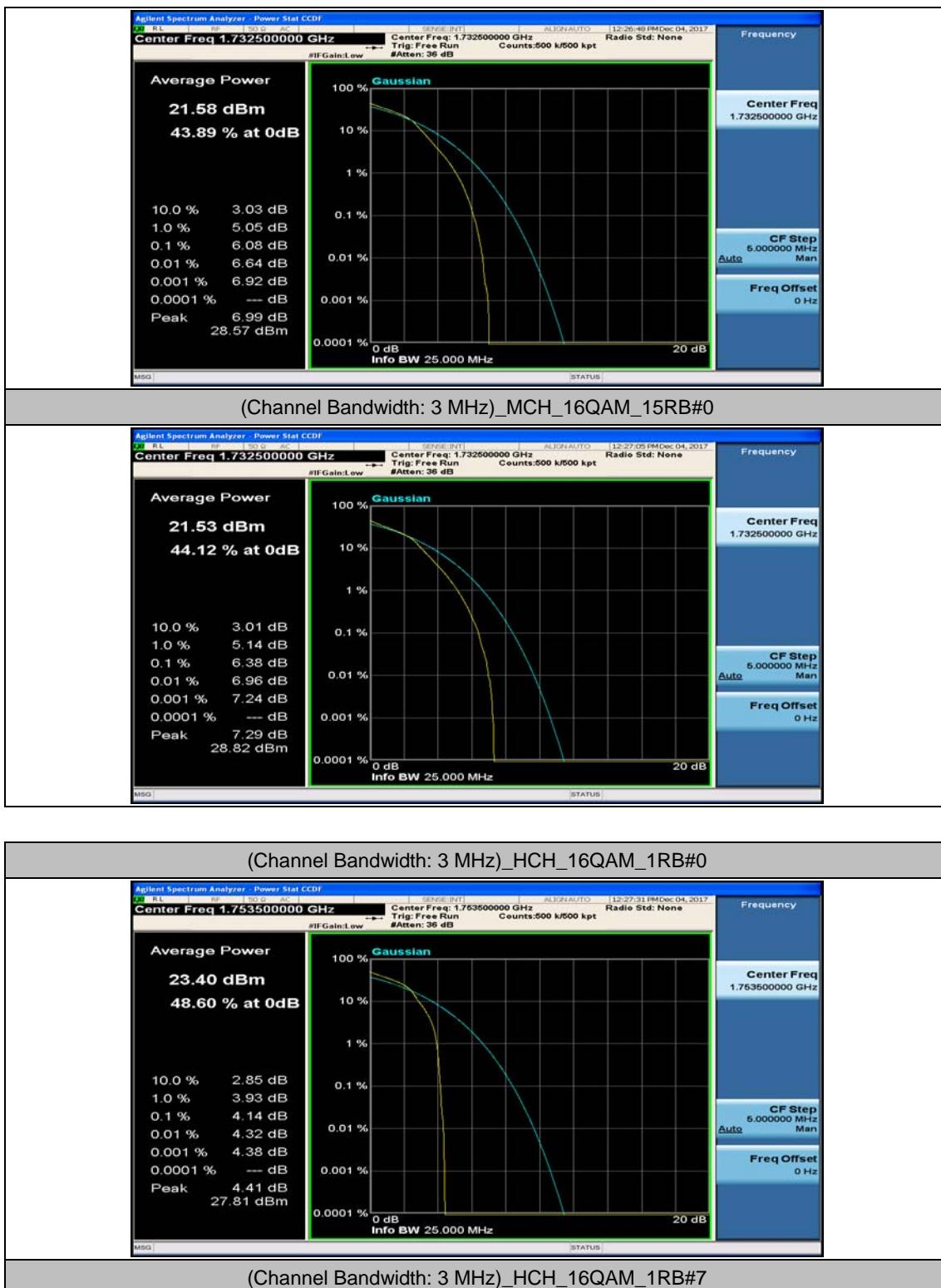


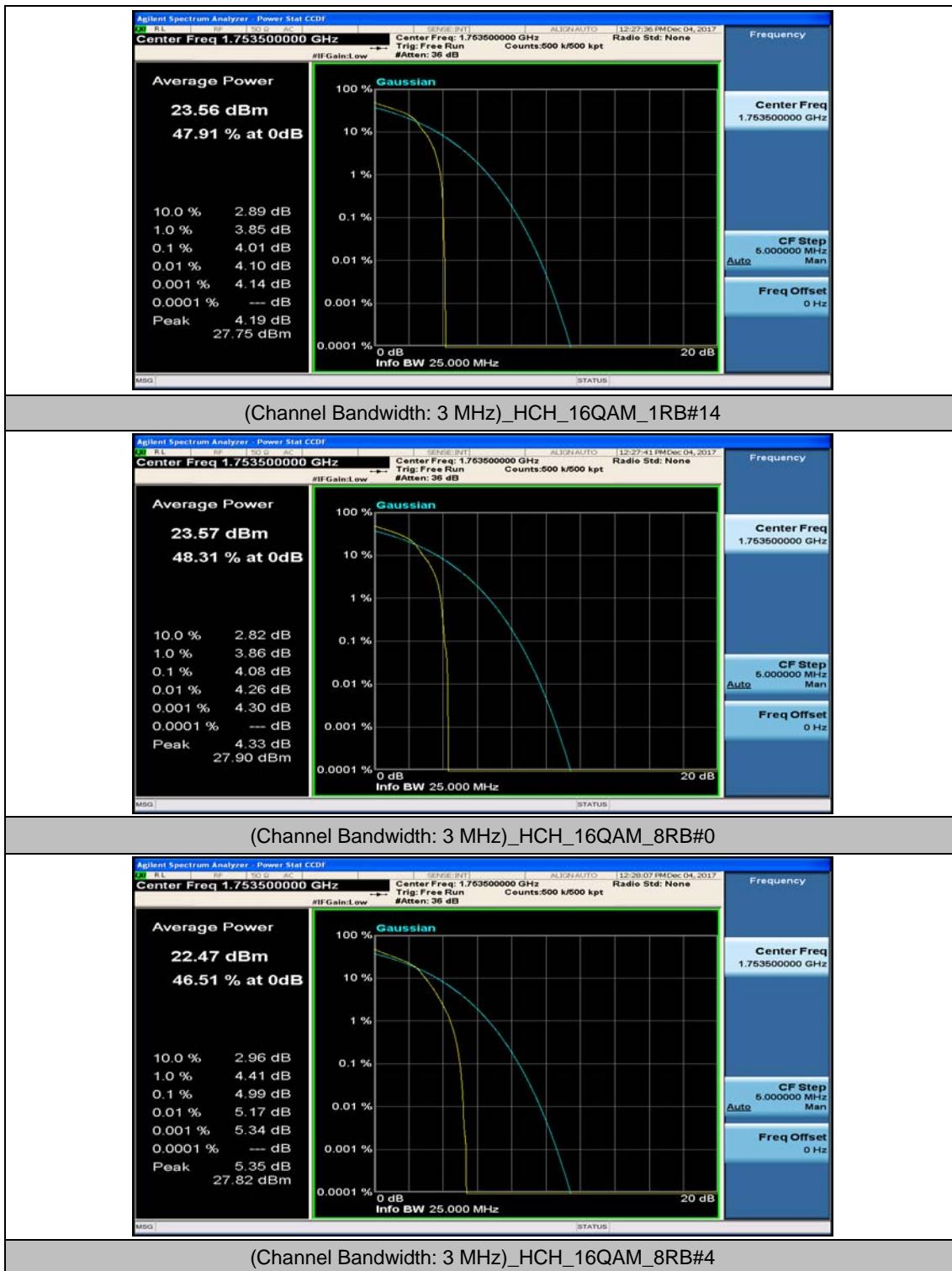


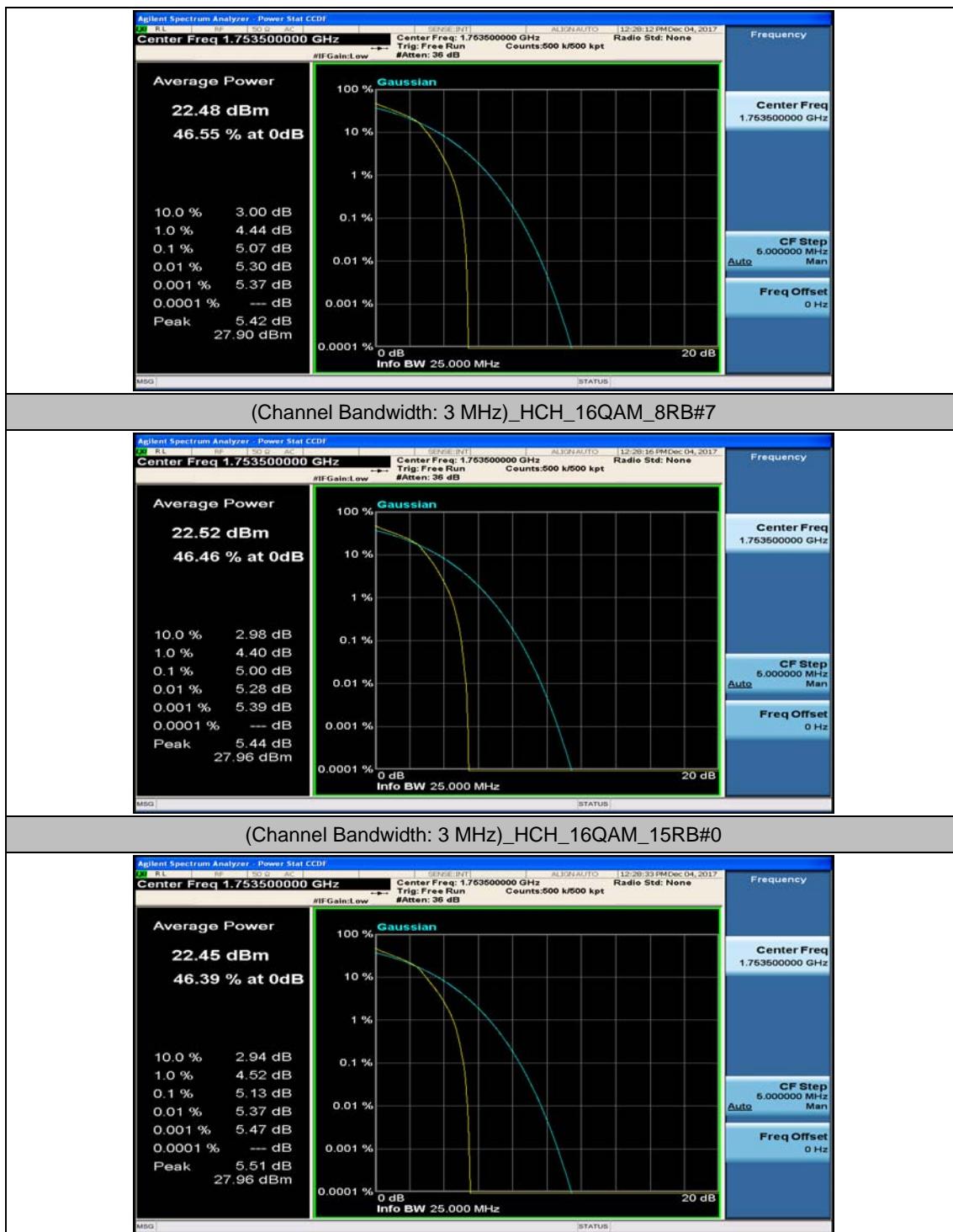


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14

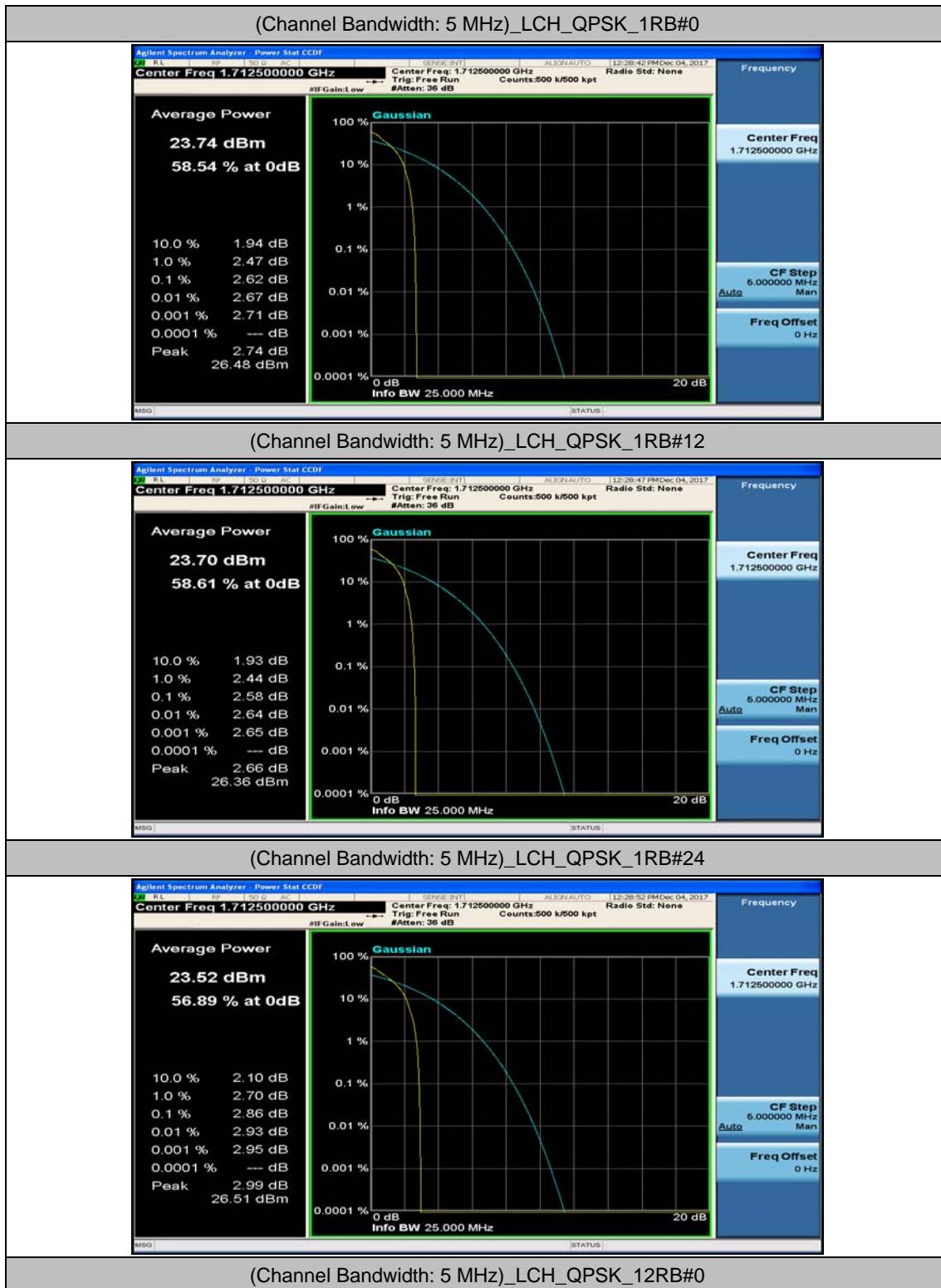


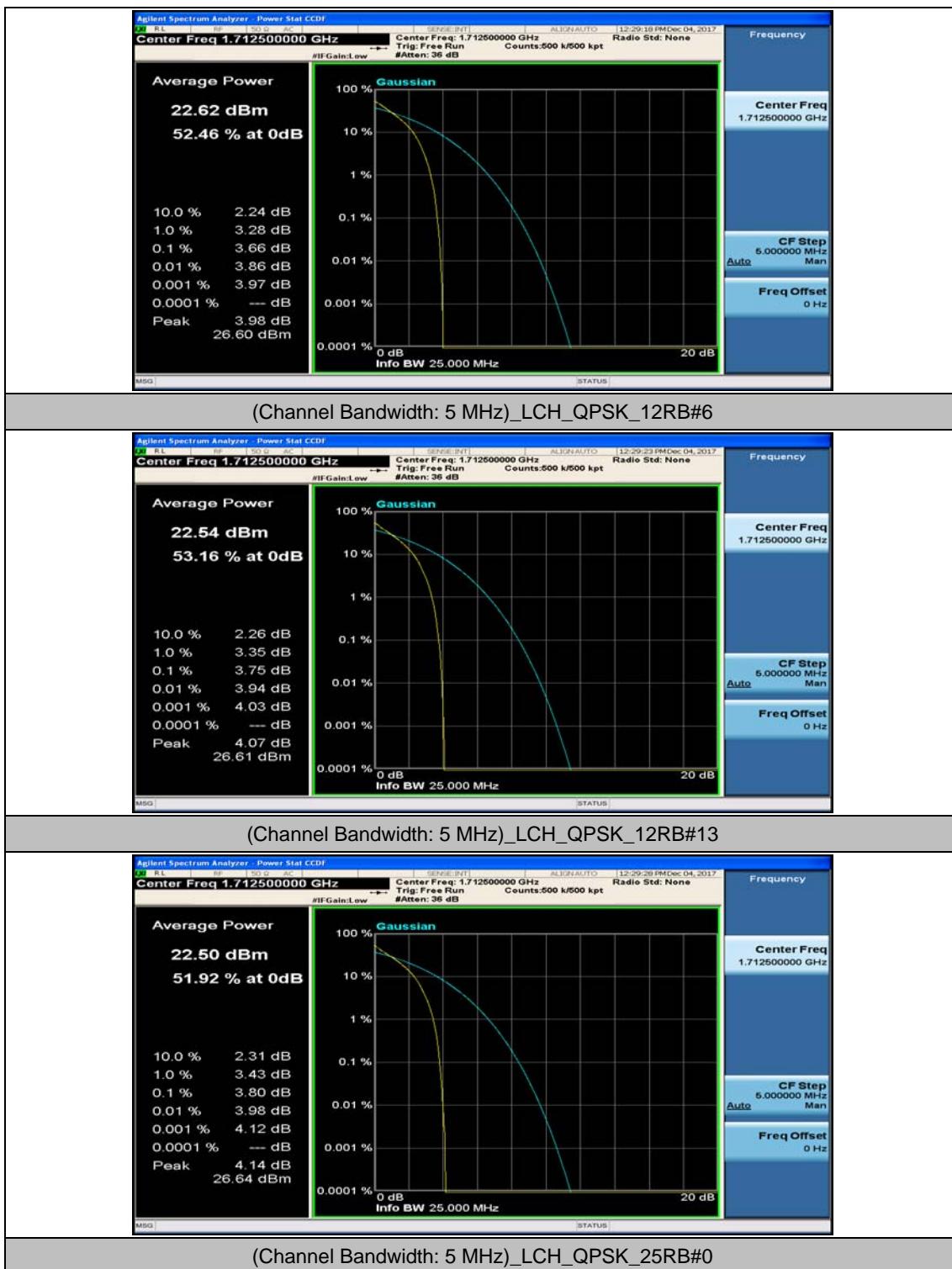


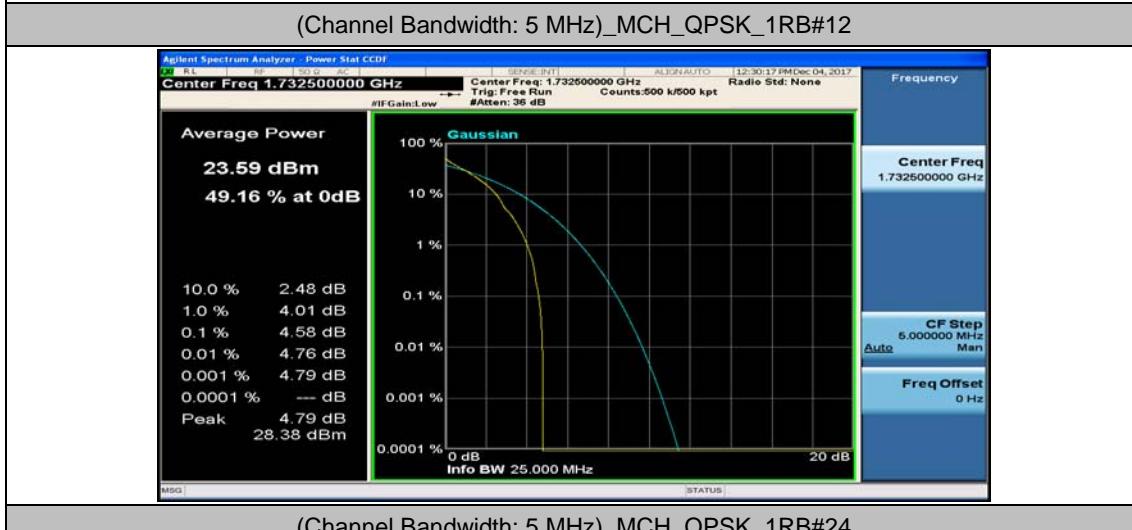
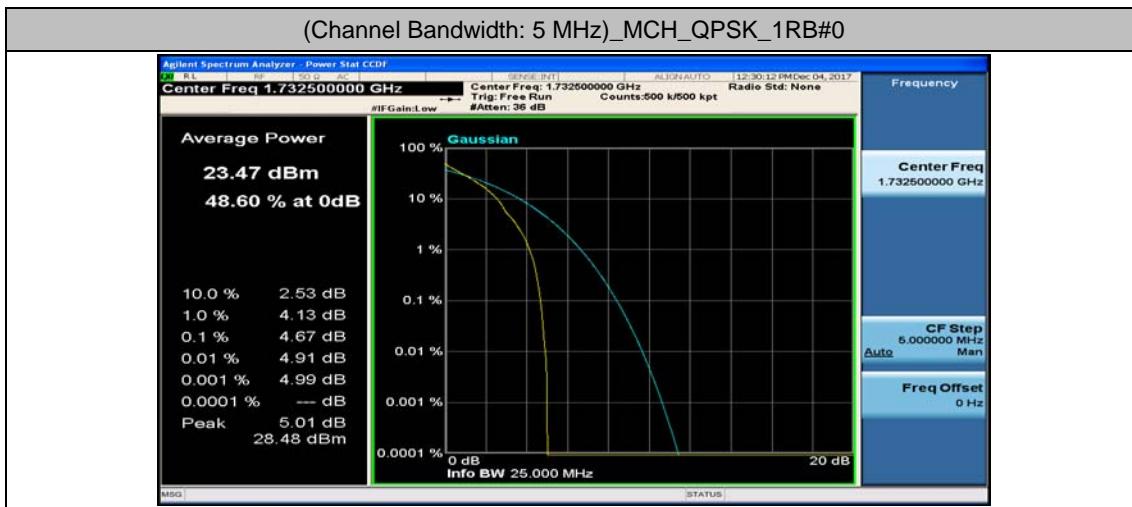
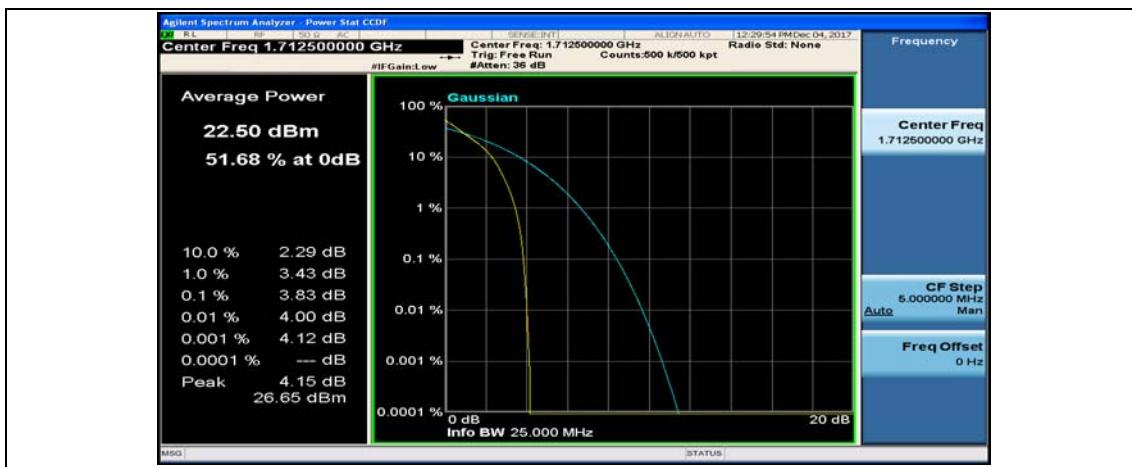




Channel Bandwidth: 5 MHz







(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24

