

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	24.77	PASS
		1	3	24.48	PASS
		1	5	24.48	PASS
		3	0	24.17	PASS
		3	2	24.06	PASS
		3	3	24.05	PASS
		6	0	23.15	PASS
	MCH	1	0	24.10	PASS
		1	3	24.16	PASS
		1	5	24.06	PASS
		3	0	24.11	PASS
		3	2	24.12	PASS
		3	3	24.10	PASS
		6	0	23.12	PASS
16QAM	HCH	1	0	23.55	PASS
		1	3	23.60	PASS
		1	5	23.52	PASS
		3	0	23.61	PASS
		3	2	23.55	PASS
		3	3	23.56	PASS
		6	0	22.54	PASS
	LCH	1	0	23.74	PASS
		1	3	23.63	PASS
		1	5	23.59	PASS
		3	0	23.23	PASS
		3	2	23.17	PASS
		3	3	23.18	PASS
		6	0	22.42	PASS
	MCH	1	0	23.30	PASS
		1	3	23.41	PASS
		1	5	23.27	PASS
		3	0	23.24	PASS
		3	2	23.21	PASS

		3	3	23.19	PASS
		6	0	22.09	PASS
HCH	HCH	1	0	22.94	PASS
		1	3	23.05	PASS
		1	5	22.89	PASS
		3	0	22.63	PASS
		3	2	22.62	PASS
		3	3	22.63	PASS
		6	0	21.55	PASS

Channel Bandwidth: 3 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	24.12	PASS
		1	7	24.02	PASS
		1	14	24.10	PASS
		8	0	23.14	PASS
		8	4	23.13	PASS
		8	7	23.14	PASS
		15	0	23.14	PASS
	MCH	1	0	24.05	PASS
		1	7	24.12	PASS
		1	14	23.96	PASS
		8	0	23.18	PASS
		8	4	23.10	PASS
		8	7	23.12	PASS
		15	0	23.12	PASS
	HCH	1	0	23.55	PASS
		1	7	23.64	PASS
		1	14	23.52	PASS
		8	0	22.62	PASS
		8	4	22.60	PASS
		8	7	22.60	PASS
		15	0	22.59	PASS
16QAM	LCH	1	0	23.44	PASS
		1	7	23.36	PASS
		1	14	23.45	PASS
		8	0	22.32	PASS
		8	4	22.30	PASS
		8	7	22.33	PASS
		15	0	22.21	PASS
	MCH	1	0	23.32	PASS

		1	7	23.40	PASS
		1	14	23.23	PASS
		8	0	22.22	PASS
		8	4	22.21	PASS
		8	7	22.17	PASS
		15	0	22.12	PASS
	HCH	1	0	22.95	PASS
		1	7	23.03	PASS
		1	14	22.91	PASS
		8	0	21.64	PASS
		8	4	21.60	PASS
		8	7	21.62	PASS
		15	0	21.63	PASS

Channel Bandwidth: 5 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.99	PASS
		1	12	23.50	PASS
		1	24	24.12	PASS
		12	0	22.63	PASS
		12	6	22.54	PASS
		12	13	22.74	PASS
		25	0	22.63	PASS
	MCH	1	0	24.24	PASS
		1	12	24.24	PASS
		1	24	24.10	PASS
		12	0	23.25	PASS
		12	6	23.18	PASS
		12	13	23.17	PASS
		25	0	23.14	PASS
	HCH	1	0	23.65	PASS
		1	12	23.70	PASS
		1	24	23.63	PASS
		12	0	22.69	PASS
		12	6	22.69	PASS
		12	13	22.69	PASS
		25	0	22.66	PASS
16QAM	LCH	1	0	23.38	PASS
		1	12	22.94	PASS
		1	24	23.55	PASS
		12	0	21.89	PASS

		12	6	21.85	PASS
		12	13	22.05	PASS
		25	0	21.82	PASS
MCH	MCH	1	0	23.60	PASS
		1	12	23.58	PASS
		1	24	23.44	PASS
		12	0	22.39	PASS
		12	6	22.33	PASS
		12	13	22.32	PASS
		25	0	22.20	PASS
HCH	HCH	1	0	22.76	PASS
		1	12	22.79	PASS
		1	24	22.72	PASS
		12	0	21.77	PASS
		12	6	21.75	PASS
		12	13	21.73	PASS
		25	0	21.71	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.53	PASS
		1	24	23.67	PASS
		1	49	24.15	PASS
		25	0	22.59	PASS
		25	12	22.72	PASS
		25	25	22.99	PASS
		50	0	22.79	PASS
	MCH	1	0	24.31	PASS
		1	24	24.15	PASS
		1	49	24.01	PASS
		25	0	23.27	PASS
		25	12	23.16	PASS
		25	25	23.09	PASS
		50	0	23.18	PASS
	HCH	1	0	23.74	PASS
		1	24	23.64	PASS
		1	49	23.61	PASS
		25	0	22.74	PASS
		25	12	22.68	PASS
		25	25	22.68	PASS
		50	0	22.72	PASS

16QAM	LCH	1	0	22.81	PASS
		1	24	22.99	PASS
		1	49	23.51	PASS
		25	0	21.71	PASS
		25	12	21.85	PASS
		25	25	22.14	PASS
		50	0	21.92	PASS
	MCH	1	0	23.60	PASS
		1	24	23.42	PASS
		1	49	23.28	PASS
		25	0	22.30	PASS
		25	12	22.18	PASS
		25	25	22.10	PASS
		50	0	22.21	PASS
	HCH	1	0	23.18	PASS
		1	24	23.08	PASS
		1	49	23.06	PASS
		25	0	21.78	PASS
		25	12	21.75	PASS
		25	25	21.70	PASS
		50	0	21.79	PASS

Channel Bandwidth: 15 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.66	PASS
		1	37	23.97	PASS
		1	74	24.50	PASS
		37	0	22.68	PASS
		37	18	22.99	PASS
		37	38	23.62	PASS
		75	0	23.16	PASS
	MCH	1	0	24.44	PASS
		1	37	24.22	PASS
		1	74	23.95	PASS
		37	0	23.37	PASS
		37	18	23.25	PASS
		37	38	23.12	PASS
		75	0	23.25	PASS
	HCH	1	0	23.90	PASS
		1	37	23.76	PASS
		1	74	23.62	PASS

		37	0	22.89	PASS
		37	18	22.79	PASS
		37	38	22.72	PASS
		75	0	22.80	PASS
16QAM	LCH	1	0	22.93	PASS
		1	37	23.29	PASS
		1	74	23.83	PASS
		37	0	21.80	PASS
		37	18	22.13	PASS
		37	38	22.74	PASS
		75	0	22.31	PASS
	MCH	1	0	23.76	PASS
		1	37	23.48	PASS
		1	74	23.21	PASS
		37	0	22.34	PASS
		37	18	22.21	PASS
		37	38	22.10	PASS
		75	0	22.25	PASS
	HCH	1	0	23.24	PASS
		1	37	23.09	PASS
		1	74	22.97	PASS
		37	0	21.89	PASS
		37	18	21.82	PASS
		37	38	21.76	PASS
		75	0	21.80	PASS

Channel Bandwidth: 20 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	24.78	PASS
		1	49	24.52	PASS
		1	99	24.45	PASS
		50	0	24.37	PASS
		50	25	23.97	PASS
		50	50	23.60	PASS
		100	0	23.56	PASS
	MCH	1	0	24.69	PASS
		1	49	24.25	PASS
		1	99	23.92	PASS
		50	0	23.41	PASS
		50	25	23.23	PASS
		50	50	23.06	PASS

		100	0	23.20	PASS
HCH		1	0	24.17	PASS
		1	49	23.81	PASS
		1	99	23.71	PASS
		50	0	22.97	PASS
		50	25	22.82	PASS
		50	50	22.77	PASS
		100	0	22.85	PASS
16QAM	LCH	1	0	22.95	PASS
		1	49	23.71	PASS
		1	99	23.67	PASS
		50	0	21.95	PASS
		50	25	22.58	PASS
		50	50	22.59	PASS
		100	0	22.67	PASS
	MCH	1	0	23.89	PASS
		1	49	23.43	PASS
		1	99	23.20	PASS
		50	0	22.41	PASS
		50	25	22.21	PASS
		50	50	22.06	PASS
		100	0	22.23	PASS
	HCH	1	0	23.52	PASS
		1	49	23.18	PASS
		1	99	23.11	PASS
		50	0	22.04	PASS
		50	25	21.88	PASS
		50	50	21.83	PASS
		100	0	21.89	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	4.47	<13	PASS
		1	3	4.67	<13	PASS
		1	5	4.53	<13	PASS
		3	0	4.73	<13	PASS
		3	2	4.8	<13	PASS
		3	3	4.93	<13	PASS
		6	0	5.35	<13	PASS
	MCH	1	0	4.4	<13	PASS
		1	3	4.26	<13	PASS
		1	5	4.31	<13	PASS
		3	0	4.44	<13	PASS
		3	2	4.44	<13	PASS
		3	3	4.43	<13	PASS
		6	0	5.09	<13	PASS
16QAM	LCH	1	0	4.89	<13	PASS
		1	3	5	<13	PASS
		1	5	4.99	<13	PASS
		3	0	5.13	<13	PASS
		3	2	5.11	<13	PASS
		3	3	5.05	<13	PASS
		6	0	5.54	<13	PASS
	MCH	1	0	5.38	<13	PASS
		1	3	5.42	<13	PASS
		1	5	5.5	<13	PASS
		3	0	5.59	<13	PASS
		3	2	5.68	<13	PASS
		3	3	5.74	<13	PASS
		6	0	6.15	<13	PASS

		3	2	5.45	<13	PASS
		3	3	5.39	<13	PASS
		6	0	5.9	<13	PASS
HCH		1	0	6.09	<13	PASS
		1	3	5.84	<13	PASS
		1	5	5.96	<13	PASS
		3	0	5.8	<13	PASS
		3	2	5.71	<13	PASS
		3	3	5.76	<13	PASS
		6	0	6.43	<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	4.67	<13	PASS
		1	7	4.83	<13	PASS
		1	14	4.91	<13	PASS
		8	0	5.44	<13	PASS
		8	4	5.46	<13	PASS
		8	7	5.47	<13	PASS
		15	0	5.53	<13	PASS
	MCH	1	0	4.51	<13	PASS
		1	7	4.47	<13	PASS
		1	14	4.51	<13	PASS
		8	0	5.11	<13	PASS
		8	4	5.17	<13	PASS
		8	7	5.12	<13	PASS
		15	0	5.23	<13	PASS
	HCH	1	0	4.84	<13	PASS
		1	7	4.76	<13	PASS
		1	14	4.9	<13	PASS
		8	0	5.48	<13	PASS
		8	4	5.63	<13	PASS
		8	7	5.53	<13	PASS
		15	0	5.67	<13	PASS
16QAM	LCH	1	0	5.54	<13	PASS
		1	7	5.85	<13	PASS
		1	14	5.79	<13	PASS
		8	0	6.05	<13	PASS
		8	4	6.24	<13	PASS

		8	7	6.09	<13	PASS
		15	0	6.43	<13	PASS
MCH		1	0	5.33	<13	PASS
		1	7	5.28	<13	PASS
		1	14	5.41	<13	PASS
		8	0	5.87	<13	PASS
		8	4	5.99	<13	PASS
		8	7	5.78	<13	PASS
		15	0	6.16	<13	PASS
HCH		1	0	5.74	<13	PASS
		1	7	5.62	<13	PASS
		1	14	5.69	<13	PASS
		8	0	6.24	<13	PASS
		8	4	6.28	<13	PASS
		8	7	6.3	<13	PASS
		15	0	6.47	<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	4.54	<13	PASS
		1	12	4.97	<13	PASS
		1	24	4.7	<13	PASS
		12	0	5.56	<13	PASS
		12	6	5.64	<13	PASS
		12	13	5.73	<13	PASS
		25	0	5.7	<13	PASS
	MCH	1	0	4.36	<13	PASS
		1	12	4.29	<13	PASS
		1	24	4.29	<13	PASS
		12	0	5.15	<13	PASS
		12	6	5.09	<13	PASS
		12	13	5.22	<13	PASS
		25	0	5.25	<13	PASS
	HCH	1	0	5.06	<13	PASS
		1	12	4.97	<13	PASS
		1	24	5.06	<13	PASS
		12	0	5.58	<13	PASS
		12	6	5.63	<13	PASS
		12	13	5.61	<13	PASS

		25	0	5.71	<13	PASS
16QAM	LCH	1	0	5.45	<13	PASS
		1	12	5.85	<13	PASS
		1	24	5.83	<13	PASS
		12	0	6.3	<13	PASS
		12	6	6.31	<13	PASS
		12	13	6.25	<13	PASS
		25	0	6.47	<13	PASS
	MCH	1	0	5.26	<13	PASS
		1	12	5.28	<13	PASS
		1	24	5.26	<13	PASS
		12	0	5.99	<13	PASS
		12	6	5.89	<13	PASS
		12	13	5.97	<13	PASS
		25	0	6.07	<13	PASS
	HCH	1	0	5.76	<13	PASS
		1	12	5.6	<13	PASS
		1	24	5.7	<13	PASS
		12	0	6.43	<13	PASS
		12	6	6.57	<13	PASS
		12	13	6.51	<13	PASS
		25	0	6.48	<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	4.94	<13	PASS
		1	24	5.24	<13	PASS
		1	49	5.27	<13	PASS
		25	0	5.62	<13	PASS
		25	12	5.72	<13	PASS
		25	25	5.77	<13	PASS
		50	0	5.72	<13	PASS
	MCH	1	0	4.5	<13	PASS
		1	24	4.44	<13	PASS
		1	49	4.55	<13	PASS
		25	0	5.23	<13	PASS
		25	12	5.2	<13	PASS
		25	25	5.24	<13	PASS
		50	0	5.26	<13	PASS

		1	0	4.68	<13	PASS
	HCH	1	24	4.88	<13	PASS
		1	49	4.81	<13	PASS
		25	0	5.54	<13	PASS
		25	12	5.65	<13	PASS
		25	25	5.59	<13	PASS
		50	0	5.62	<13	PASS
		1	0	5.86	<13	PASS
	LCH	1	24	6.11	<13	PASS
		1	49	6.12	<13	PASS
		25	0	6.39	<13	PASS
		25	12	6.48	<13	PASS
		25	25	6.49	<13	PASS
		50	0	6.4	<13	PASS
		1	0	5.43	<13	PASS
	MCH	1	24	5.31	<13	PASS
		1	49	5.47	<13	PASS
		25	0	5.98	<13	PASS
		25	12	6.04	<13	PASS
		25	25	6	<13	PASS
		50	0	5.96	<13	PASS
		1	0	5.65	<13	PASS
	HCH	1	24	5.67	<13	PASS
		1	49	5.65	<13	PASS
		25	0	6.39	<13	PASS
		25	12	6.37	<13	PASS
		25	25	6.41	<13	PASS
		50	0	6.35	<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	4.93	<13	PASS
		1	37	5.08	<13	PASS
		1	74	4.76	<13	PASS
		37	0	5.69	<13	PASS
		37	18	5.7	<13	PASS
		37	38	5.69	<13	PASS
		75	0	6.02	<13	PASS
	MCH	1	0	4.56	<13	PASS

	16QAM	HCH	1	37	4.41	<13	PASS
			1	74	4.64	<13	PASS
			37	0	5.28	<13	PASS
			37	18	5.16	<13	PASS
			37	38	5.18	<13	PASS
			75	0	5.62	<13	PASS
		LCH	1	0	4.62	<13	PASS
			1	37	4.87	<13	PASS
			1	74	4.99	<13	PASS
			37	0	5.44	<13	PASS
			37	18	5.54	<13	PASS
			37	38	5.57	<13	PASS
			75	0	5.93	<13	PASS
		MCH	1	0	5.83	<13	PASS
			1	37	6.14	<13	PASS
			1	74	5.7	<13	PASS
			37	0	6.43	<13	PASS
			37	18	6.43	<13	PASS
			37	38	6.35	<13	PASS
			75	0	6.51	<13	PASS
		HCH	1	0	5.39	<13	PASS
			1	37	5.3	<13	PASS
			1	74	5.63	<13	PASS
			37	0	6.06	<13	PASS
			37	18	6.01	<13	PASS
			37	38	5.97	<13	PASS
			75	0	6.2	<13	PASS
		LCH	1	0	5.69	<13	PASS
			1	37	5.94	<13	PASS
			1	74	5.92	<13	PASS
			37	0	6.26	<13	PASS
			37	18	6.33	<13	PASS
			37	38	6.36	<13	PASS
			75	0	6.41	<13	PASS

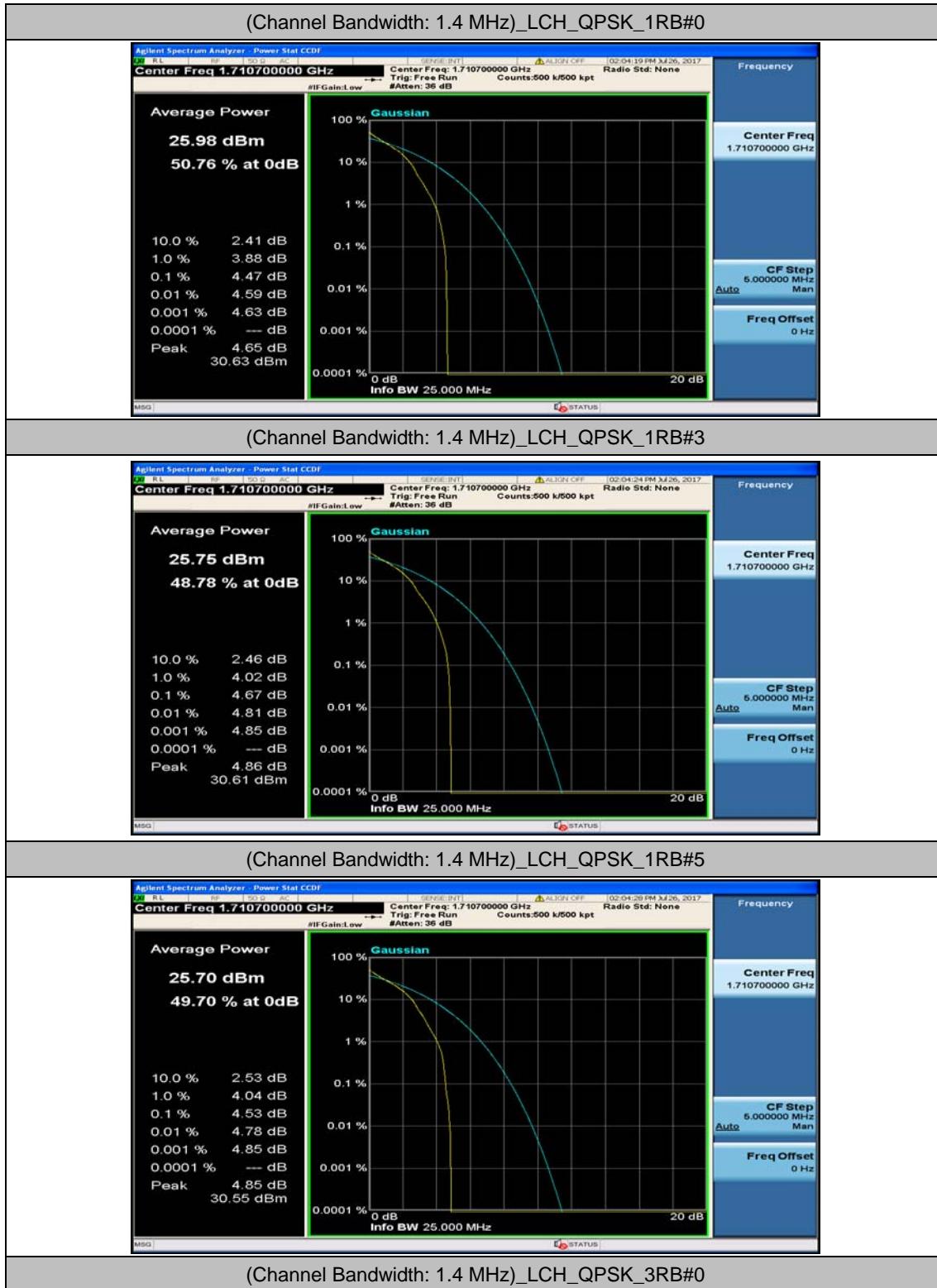
Channel Bandwidth: 20 MHz

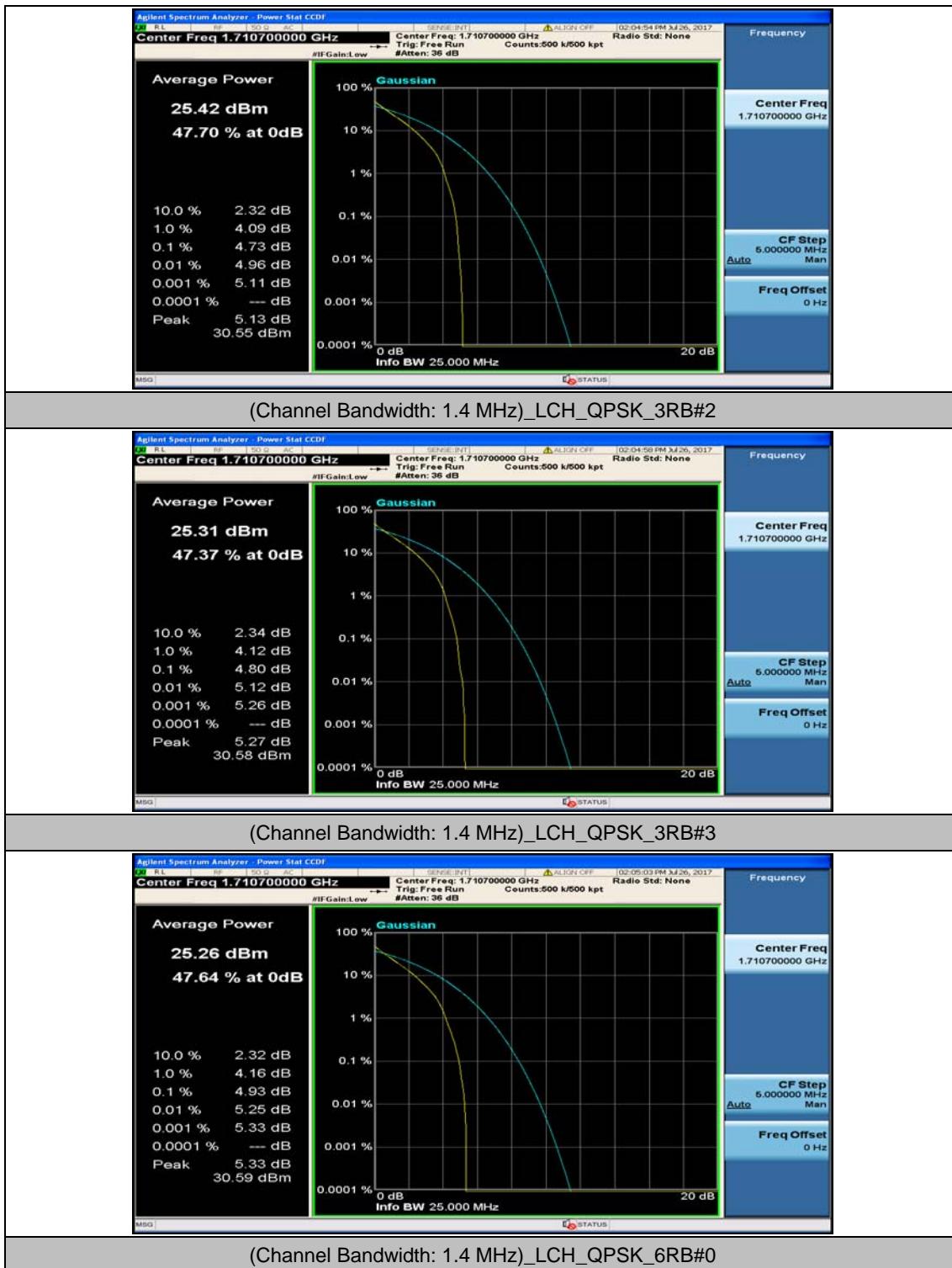
Channel Bandwidth: 20 MHz							
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict	
		Size	Offset				
QPSK	LCH	1	0	4.82	<13	PASS	
		1	49	4.96	<13	PASS	

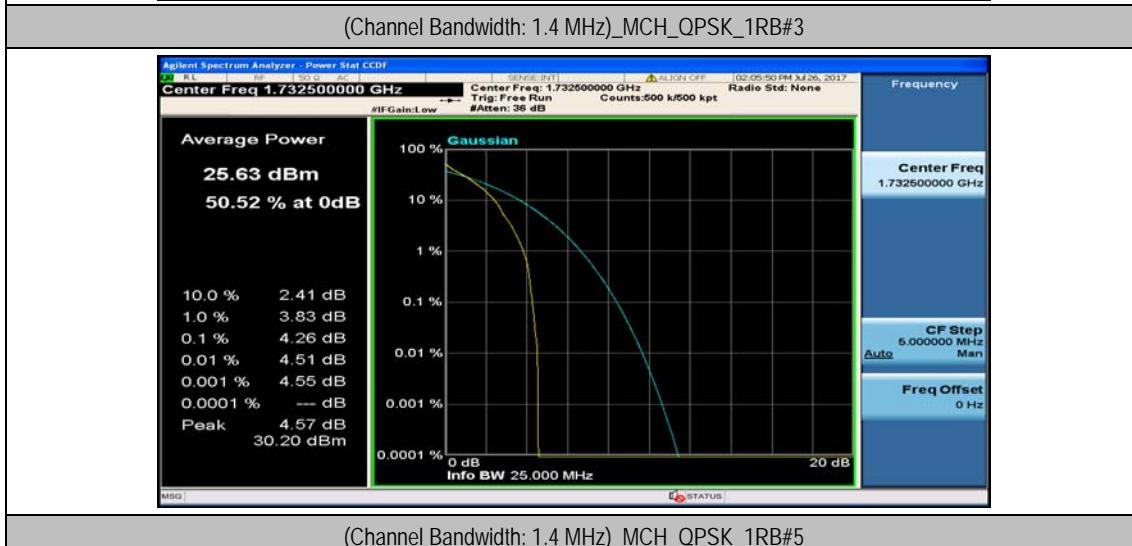
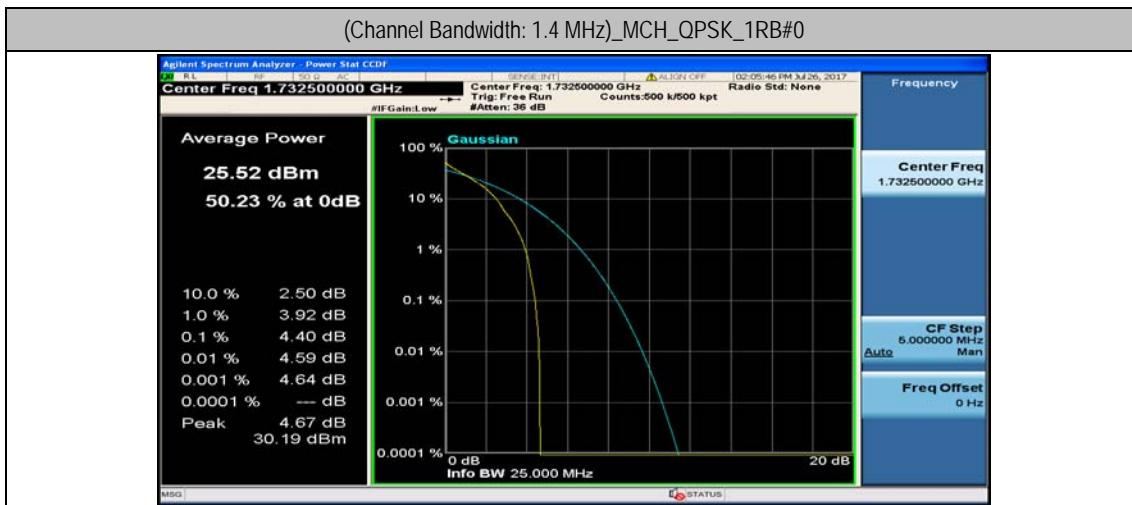
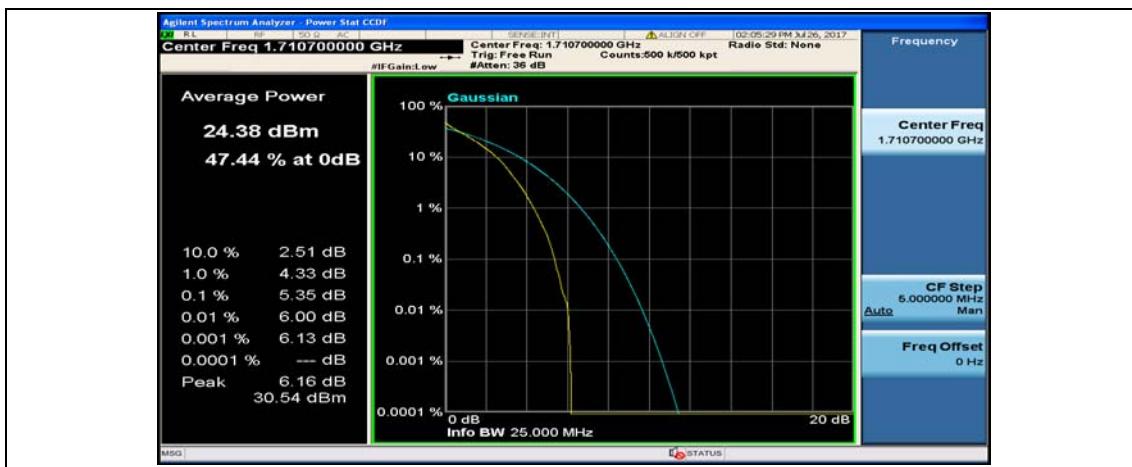
		1	99	4.46	<13	PASS
		50	0	5.72	<13	PASS
		50	25	5.63	<13	PASS
		50	50	5.53	<13	PASS
		100	0	5.67	<13	PASS
	MCH	1	0	4.66	<13	PASS
		1	49	4.29	<13	PASS
		1	99	4.63	<13	PASS
		50	0	5.35	<13	PASS
		50	25	5.21	<13	PASS
		50	50	5.28	<13	PASS
		100	0	5.48	<13	PASS
	HCH	1	0	4.48	<13	PASS
		1	49	5.04	<13	PASS
		1	99	5	<13	PASS
		50	0	5.43	<13	PASS
		50	25	5.55	<13	PASS
		50	50	5.65	<13	PASS
		100	0	5.66	<13	PASS
	LCH	1	0	5.23	<13	PASS
		1	49	5.87	<13	PASS
		1	99	5.13	<13	PASS
		50	0	6.46	<13	PASS
		50	25	6.33	<13	PASS
		50	50	6.3	<13	PASS
		100	0	6.37	<13	PASS
	MCH	1	0	5.53	<13	PASS
		1	49	5.21	<13	PASS
		1	99	5.29	<13	PASS
		50	0	6.11	<13	PASS
		50	25	6.02	<13	PASS
		50	50	6.08	<13	PASS
		100	0	6.17	<13	PASS
	HCH	1	0	5.24	<13	PASS
		1	49	5.73	<13	PASS
		1	99	5.84	<13	PASS
		50	0	6.14	<13	PASS
		50	25	6.24	<13	PASS
		50	50	6.35	<13	PASS
		100	0	6.34	<13	PASS

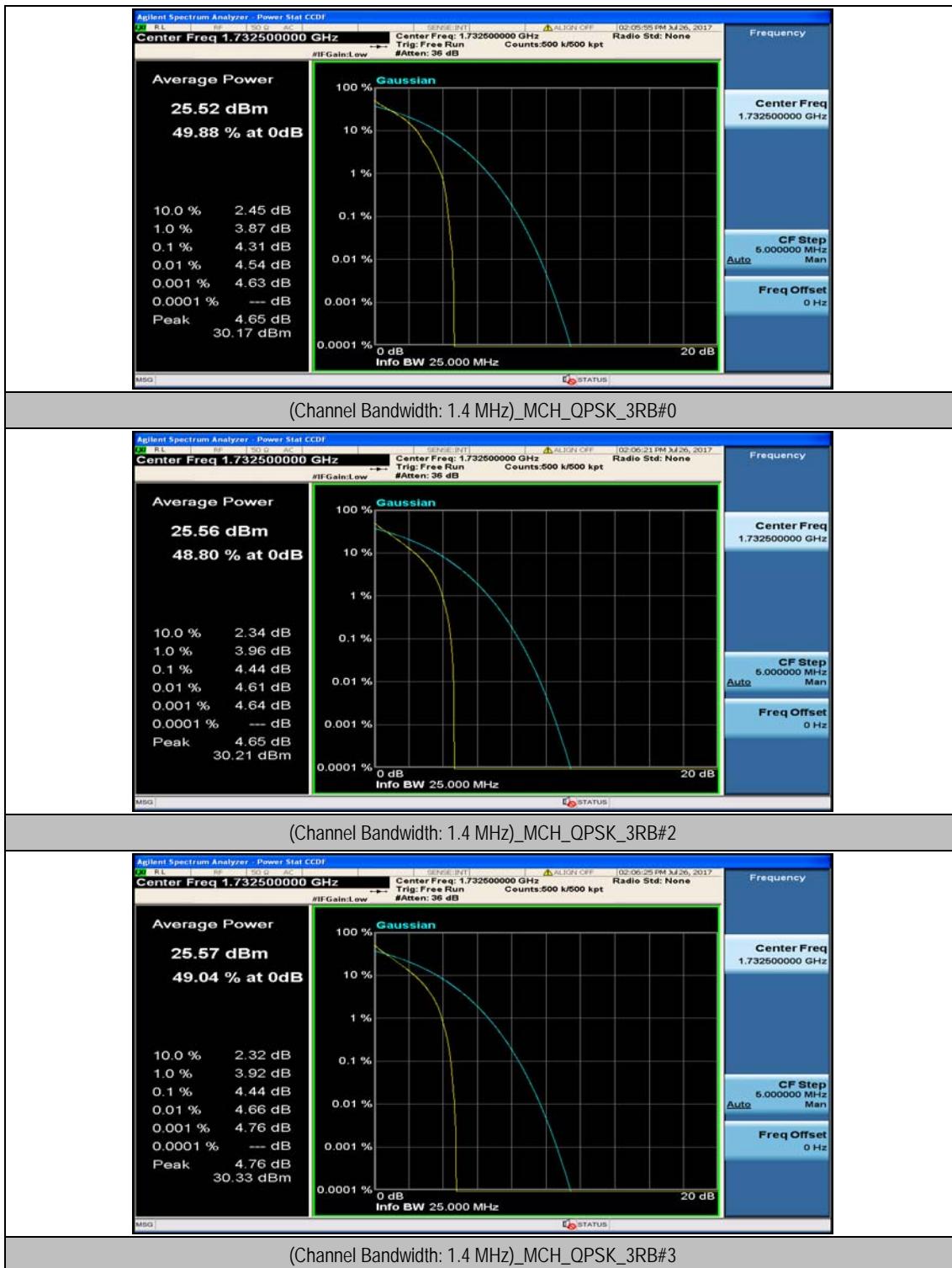
Test Graphs

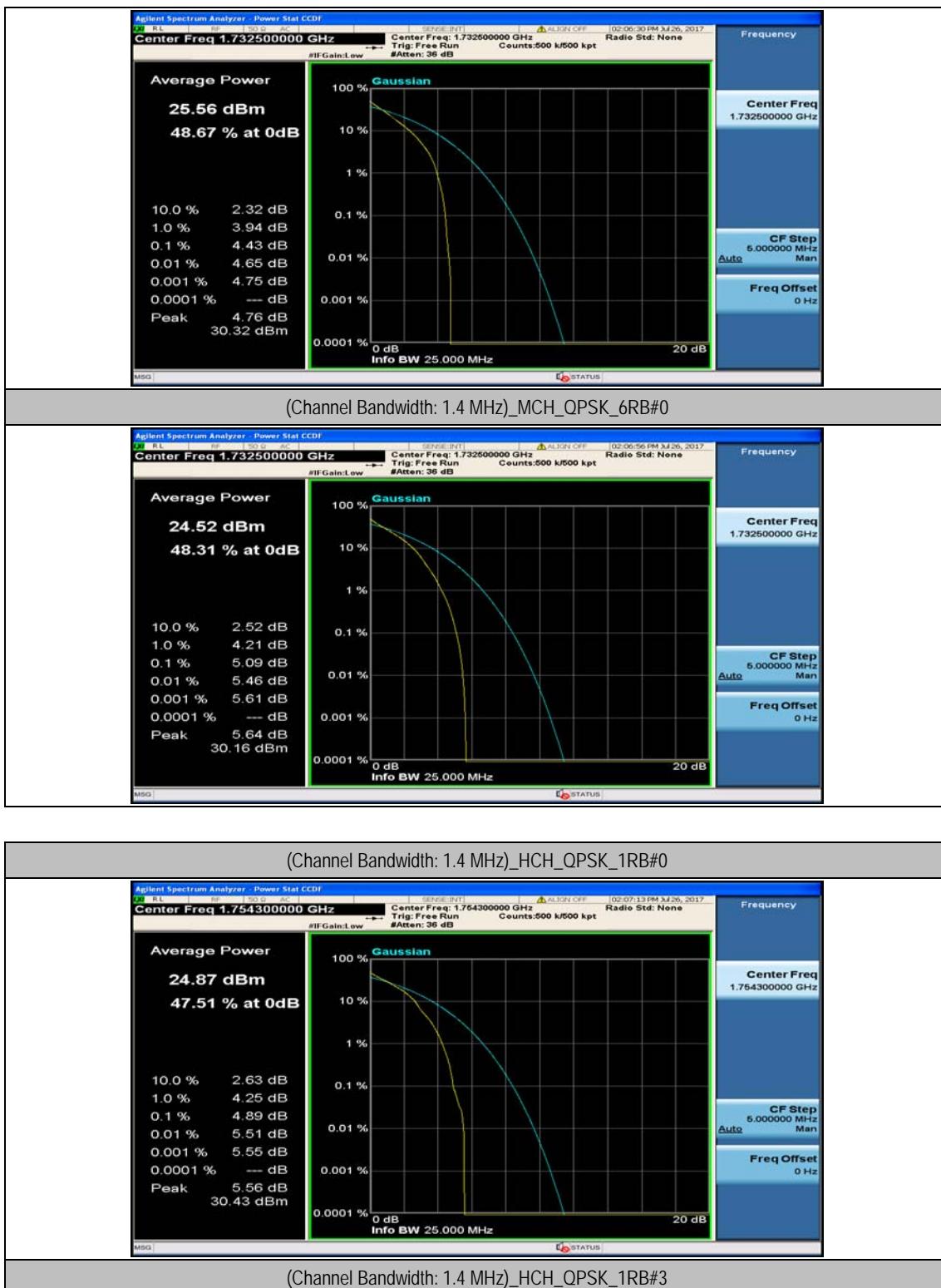
Channel Bandwidth: 1.4 MHz

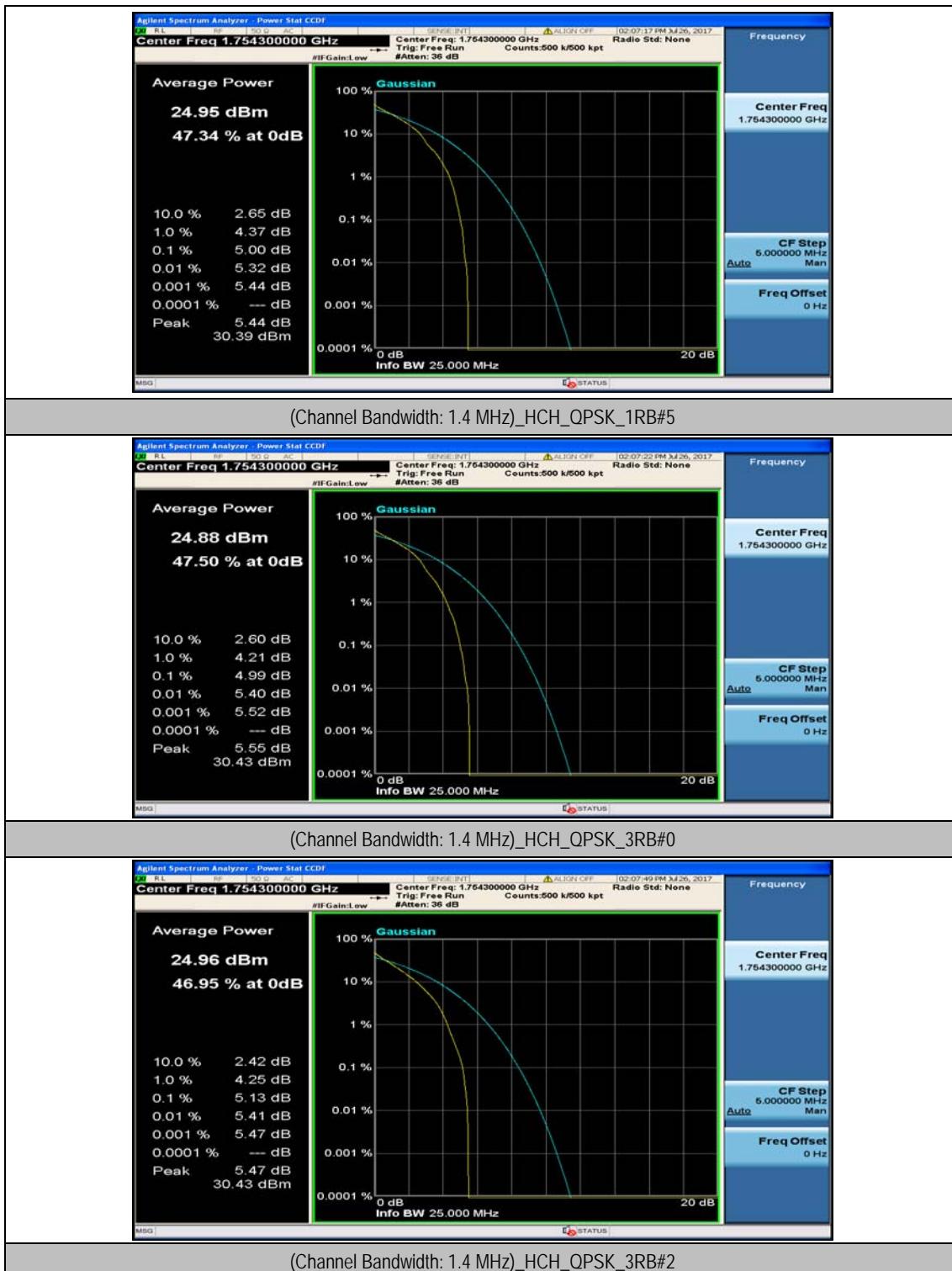


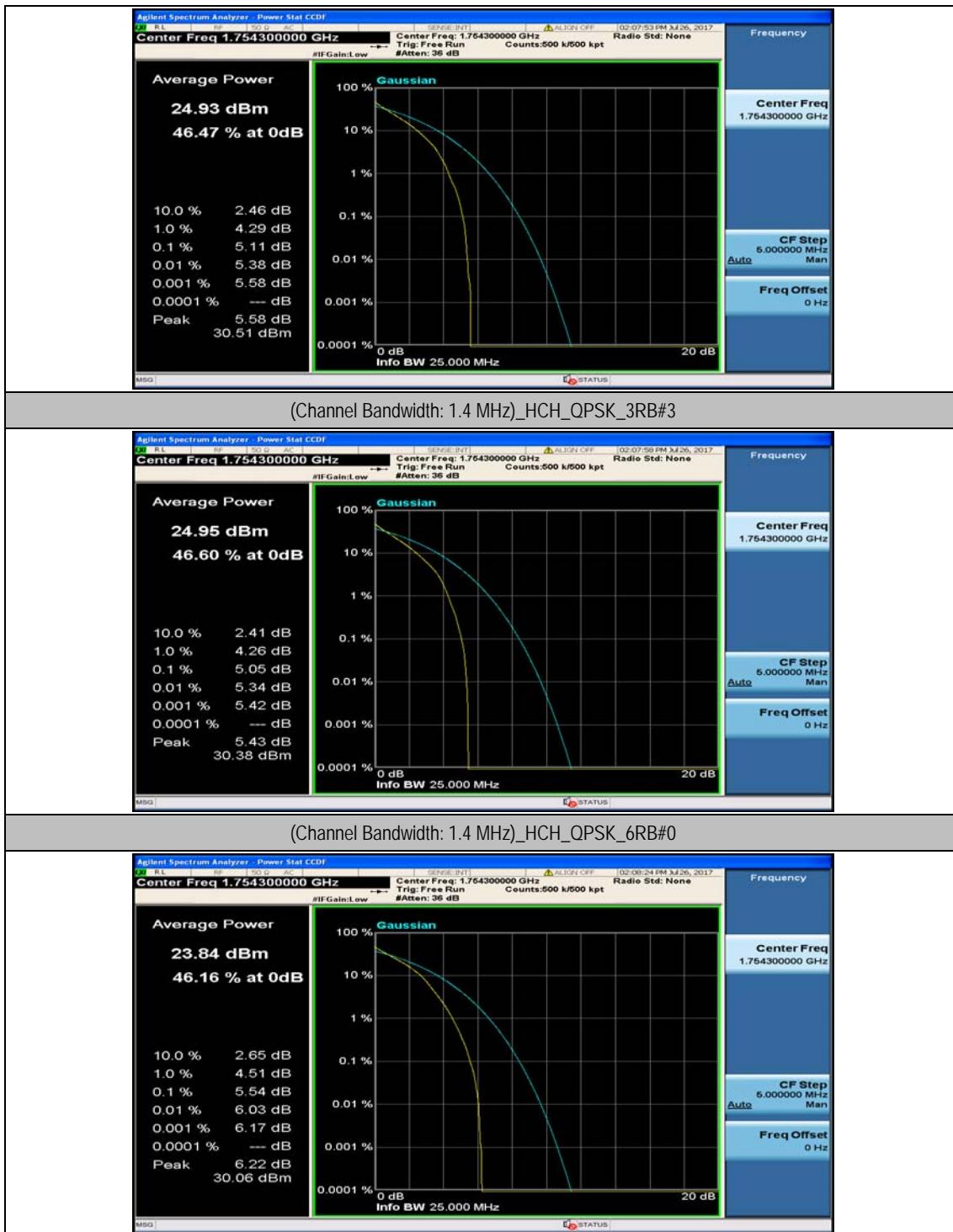


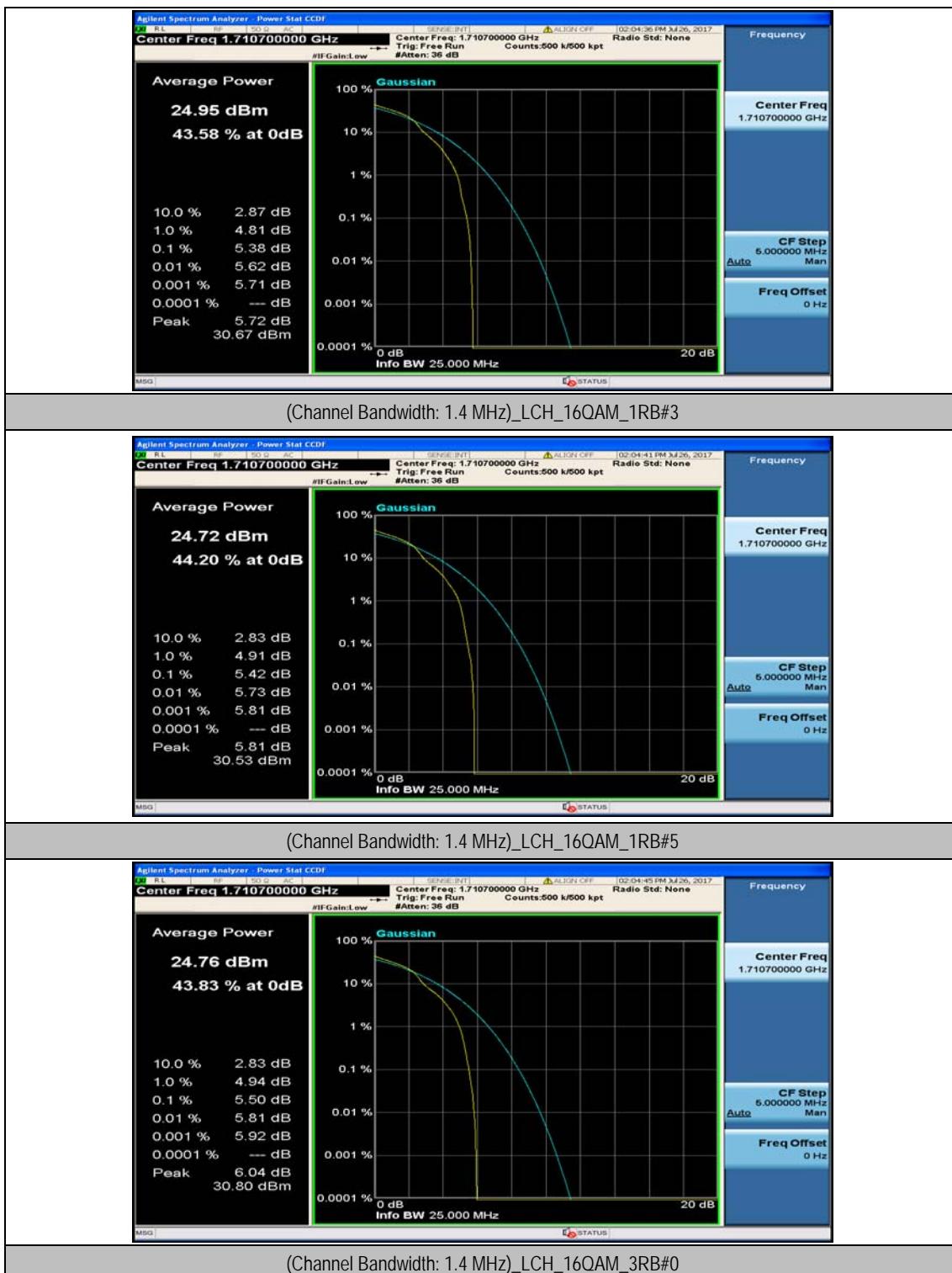


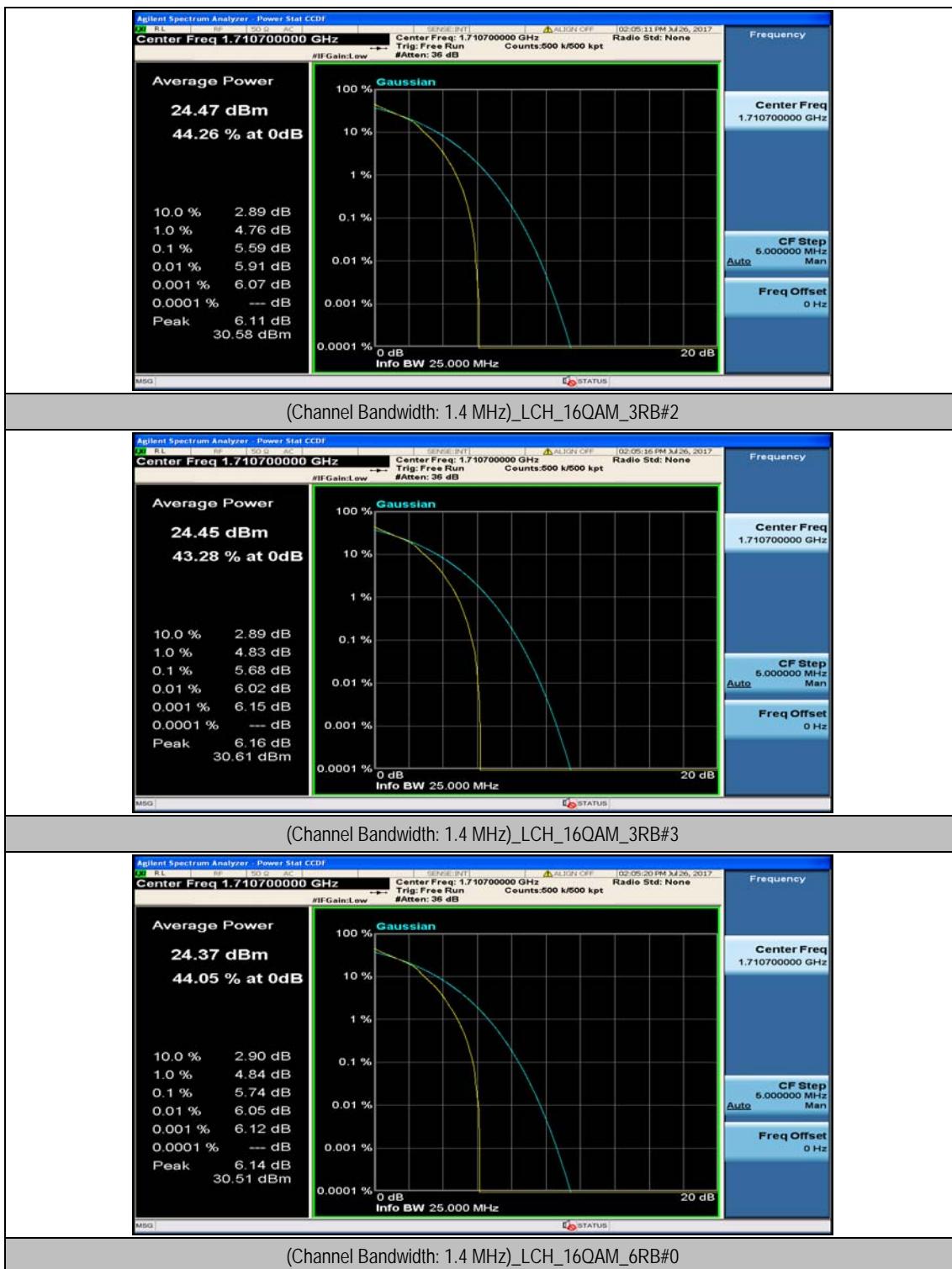


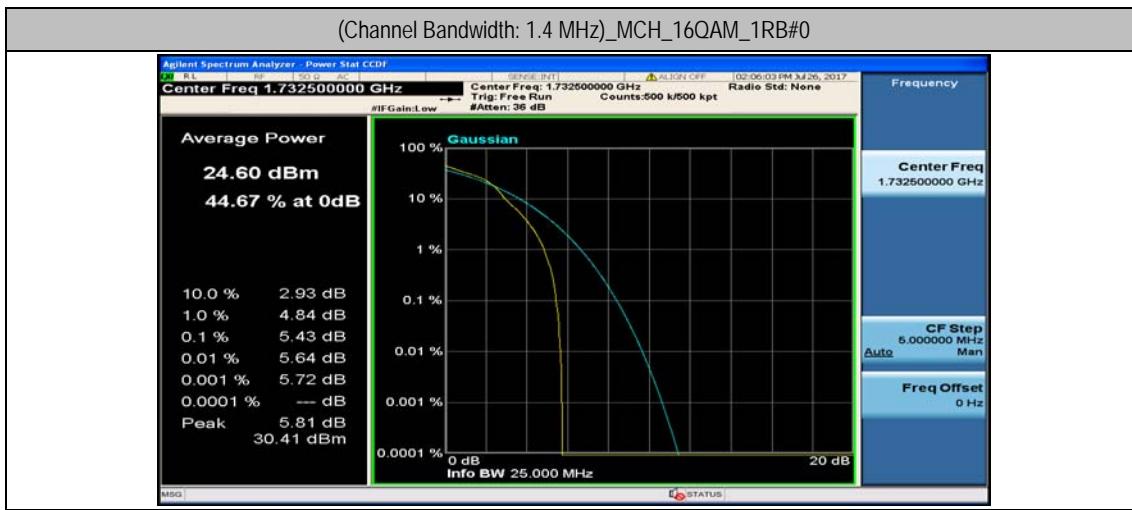
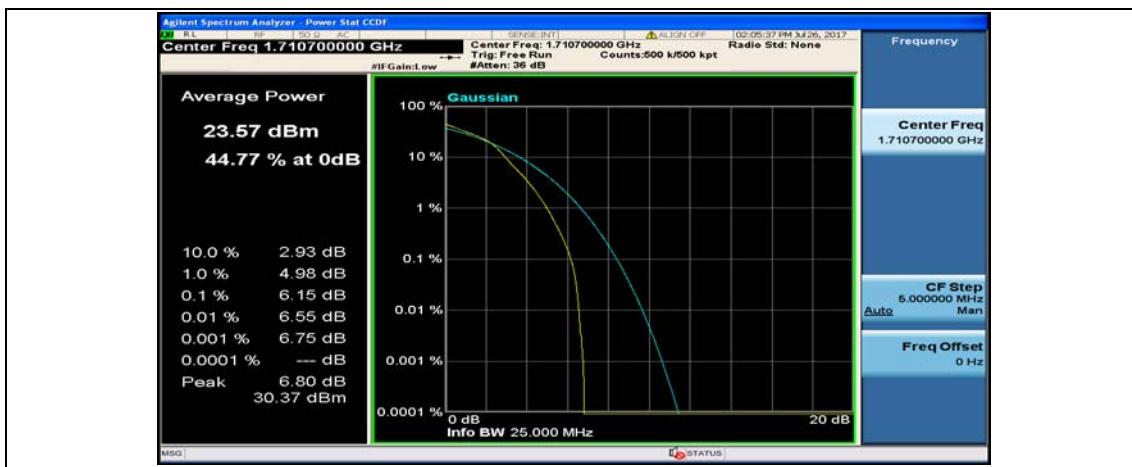


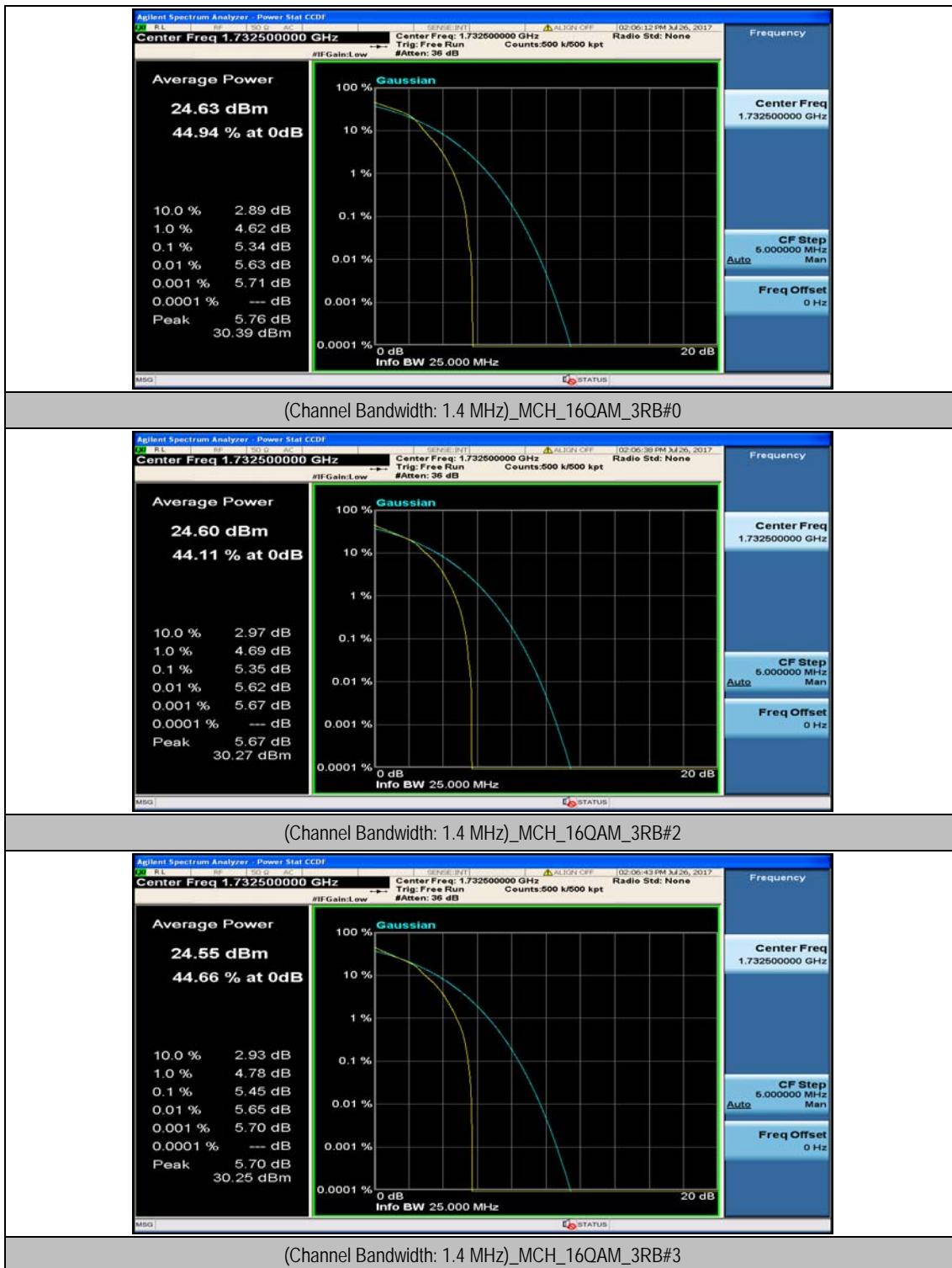


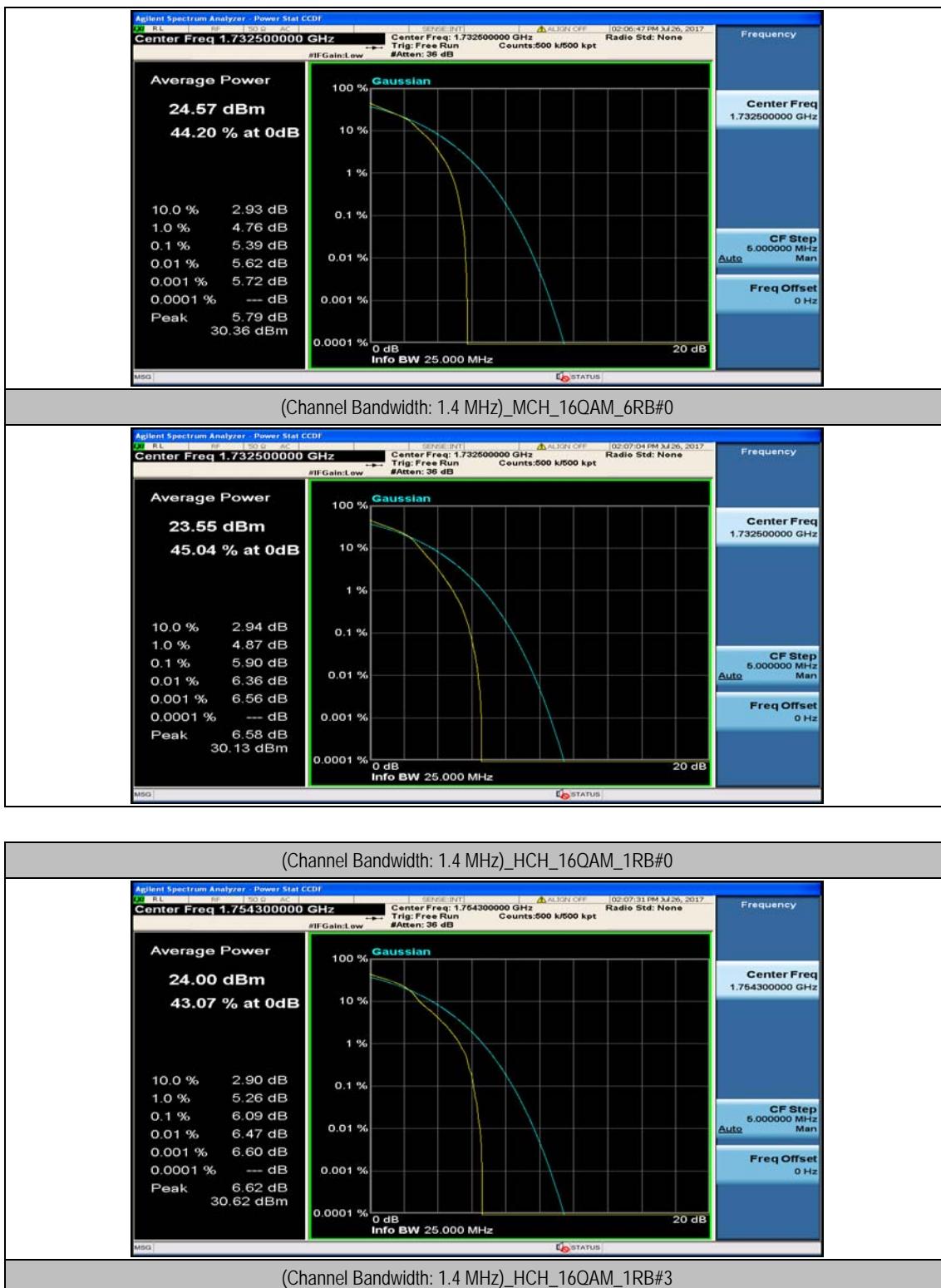


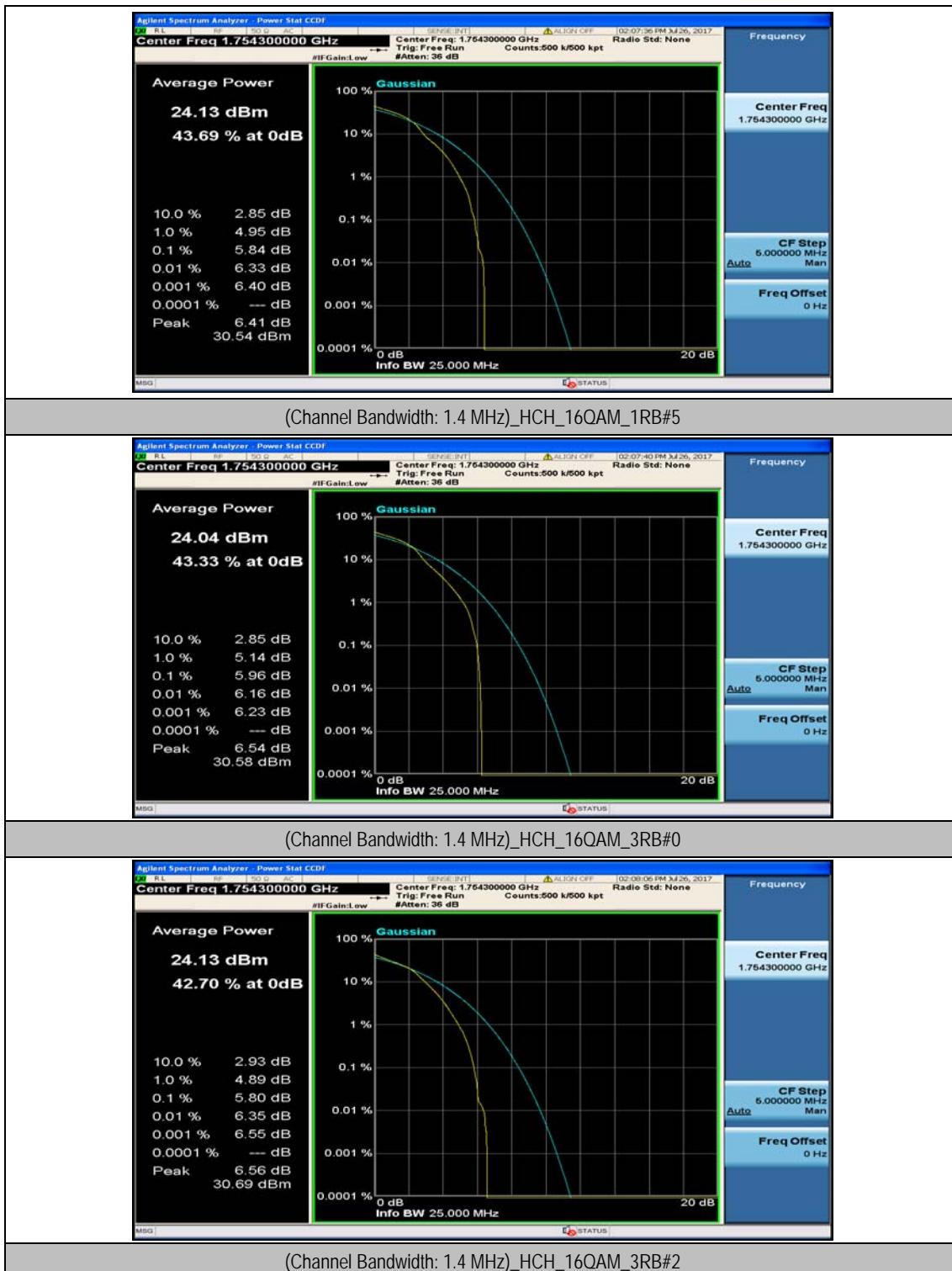


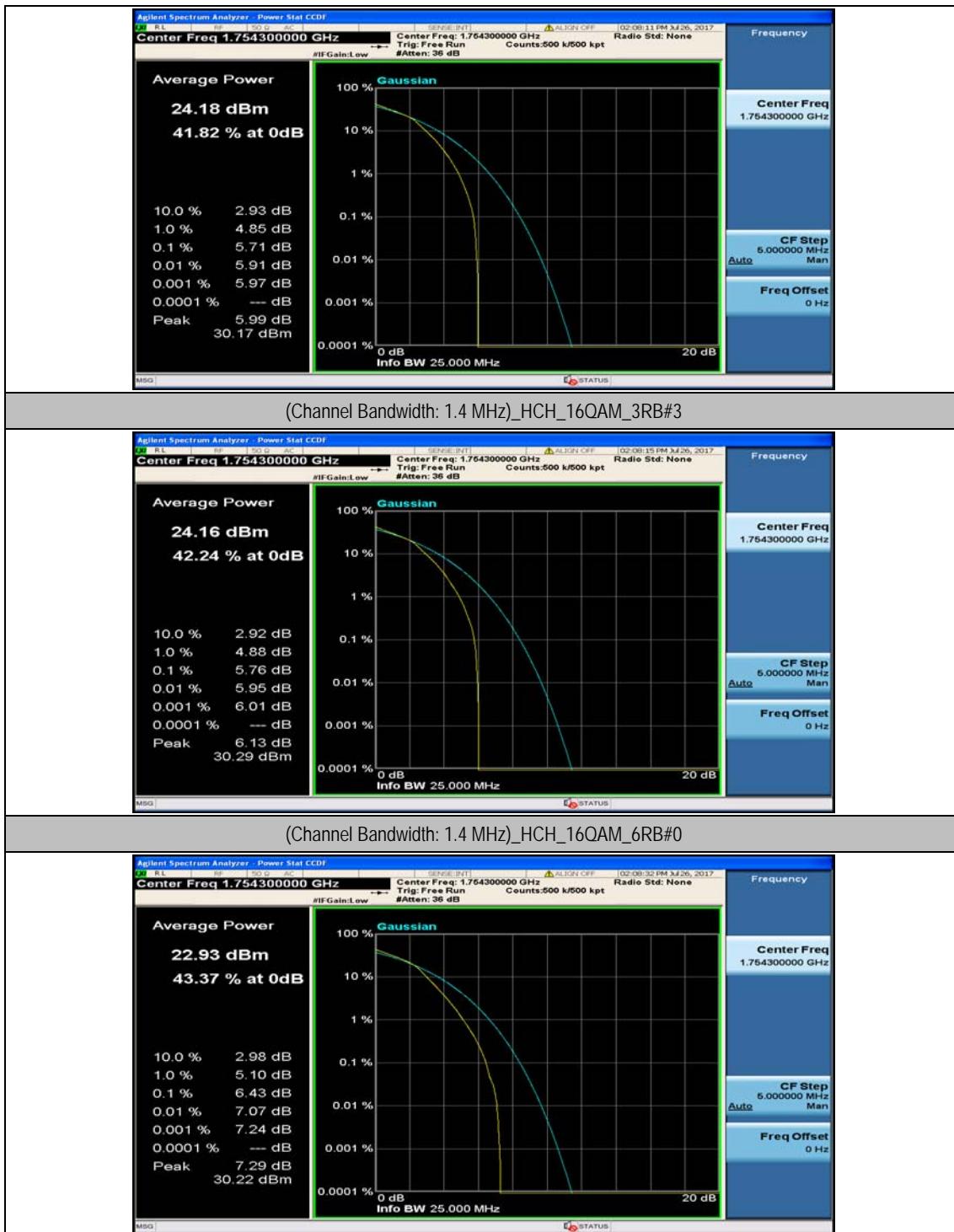






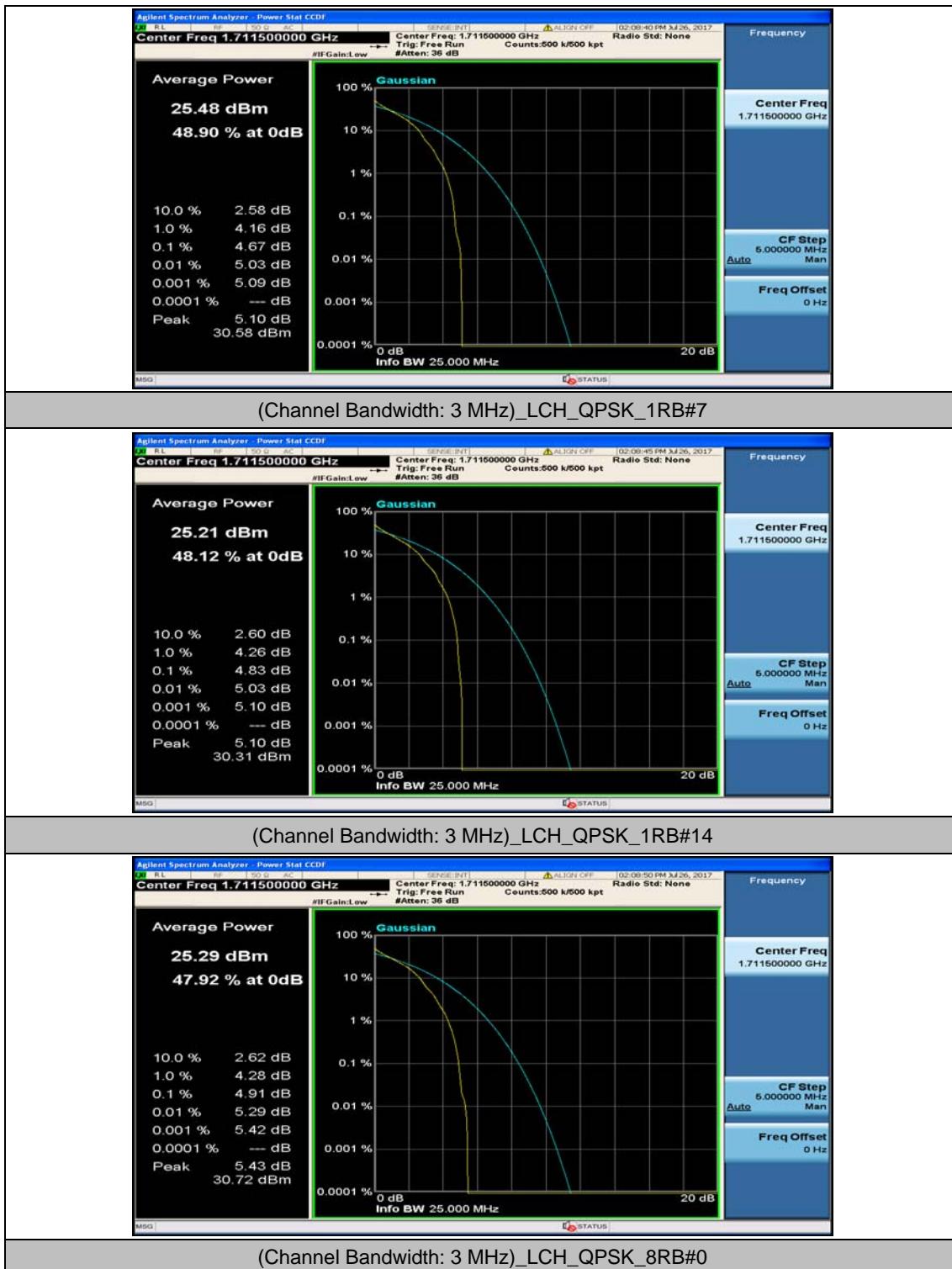


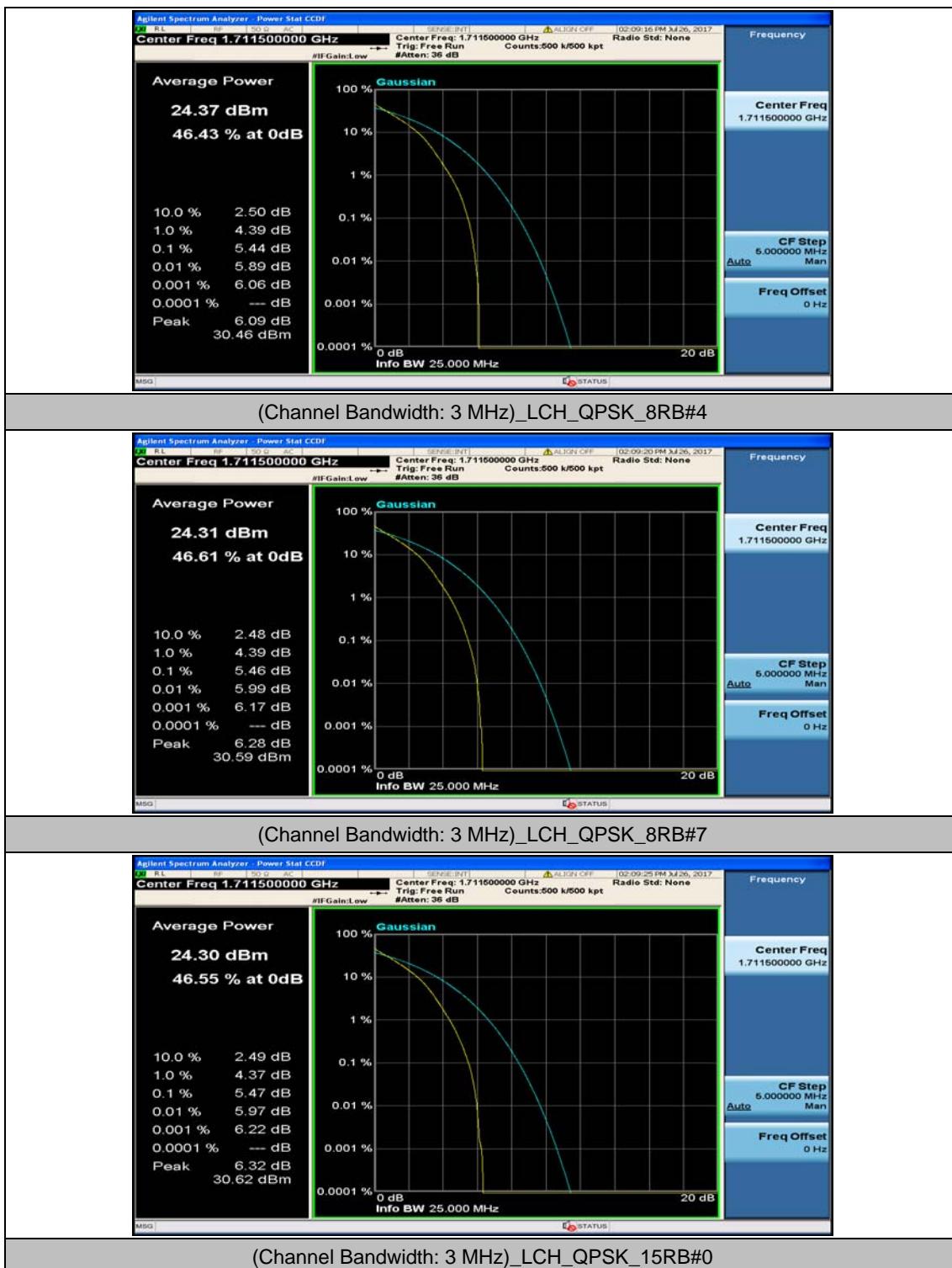


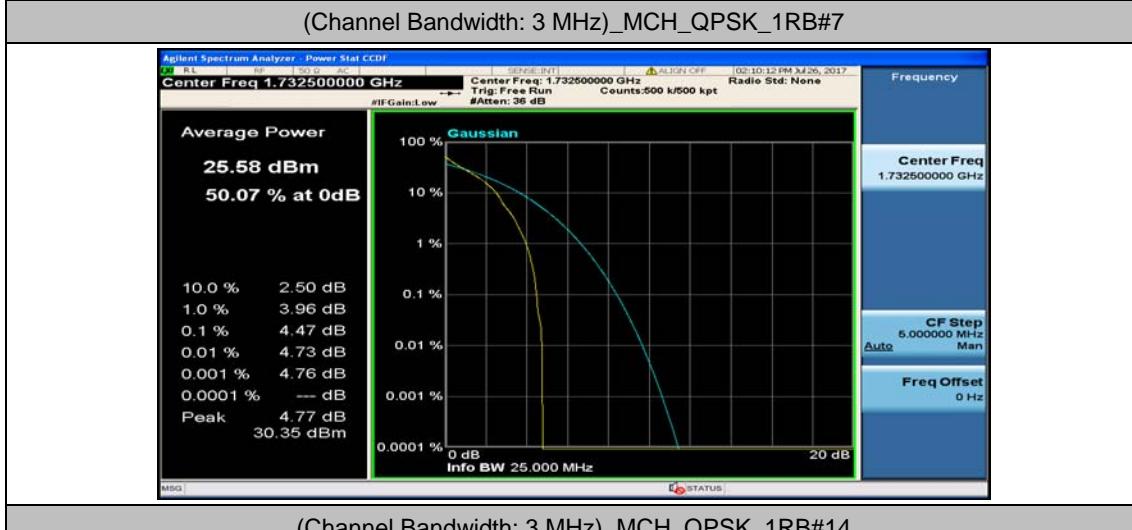
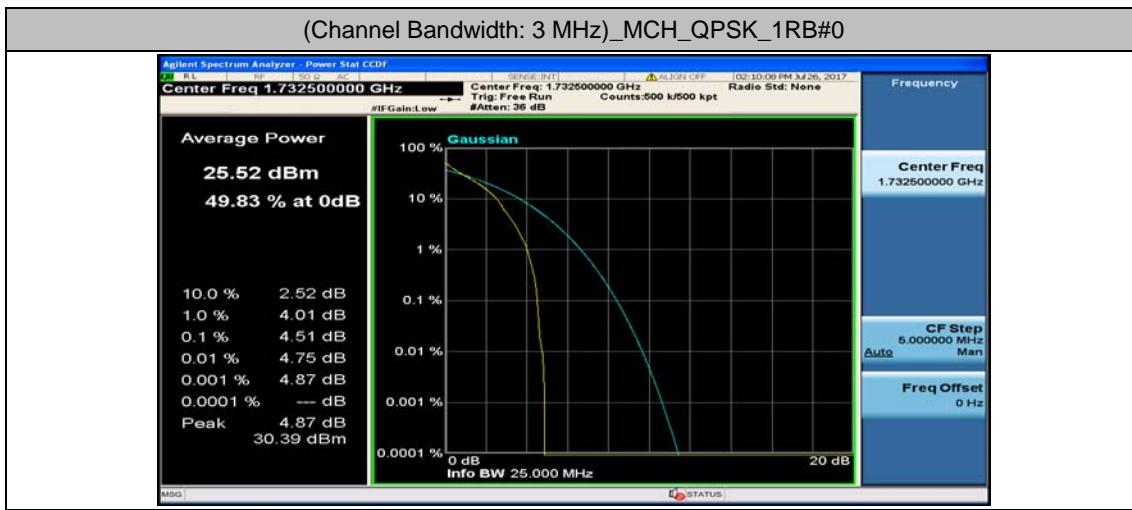
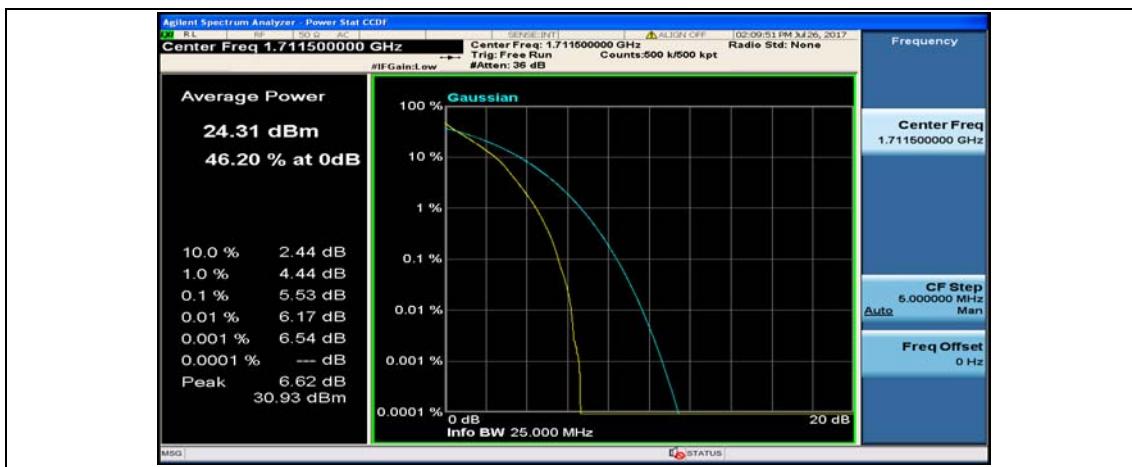


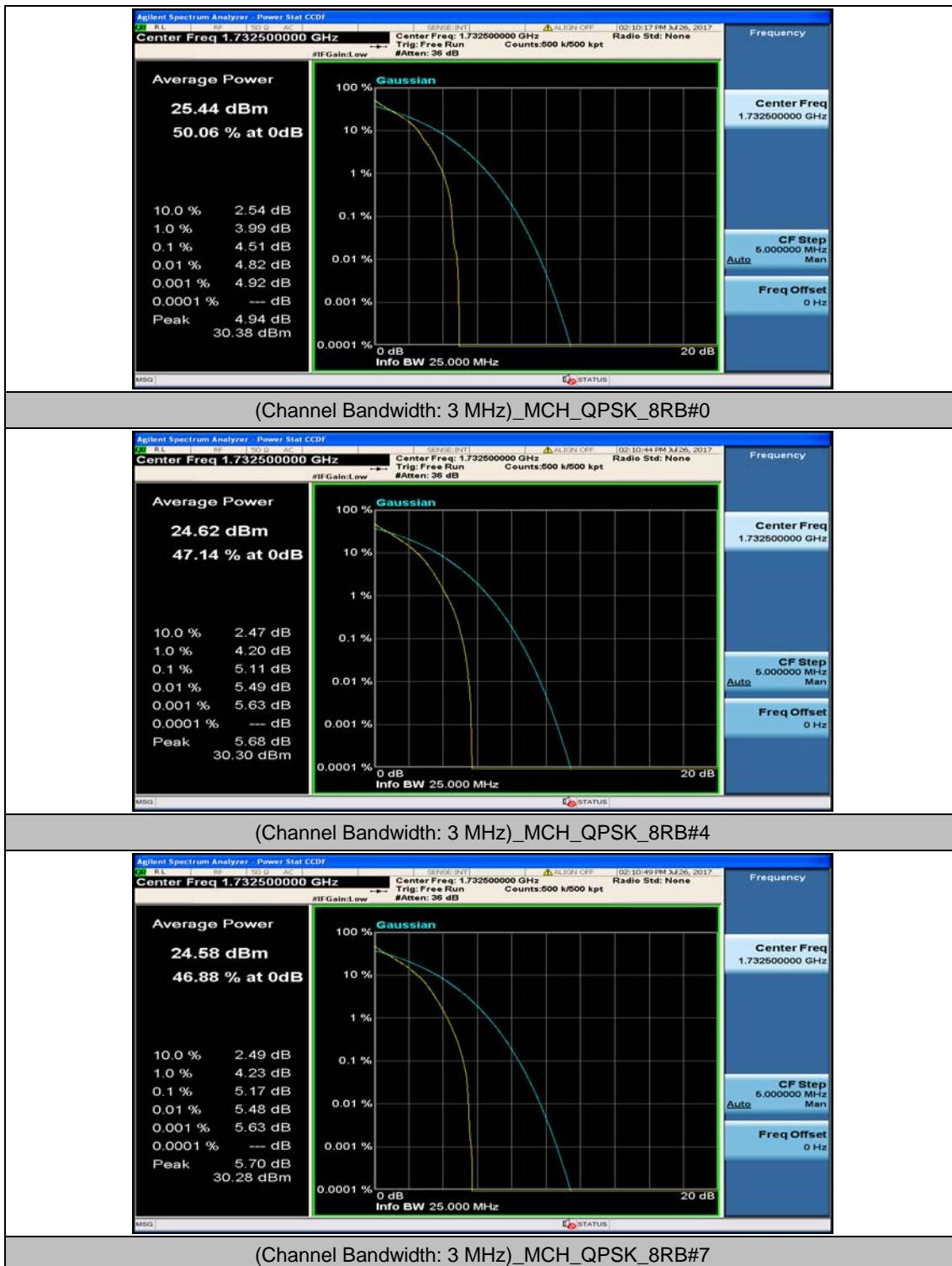
Channel Bandwidth: 3 MHz

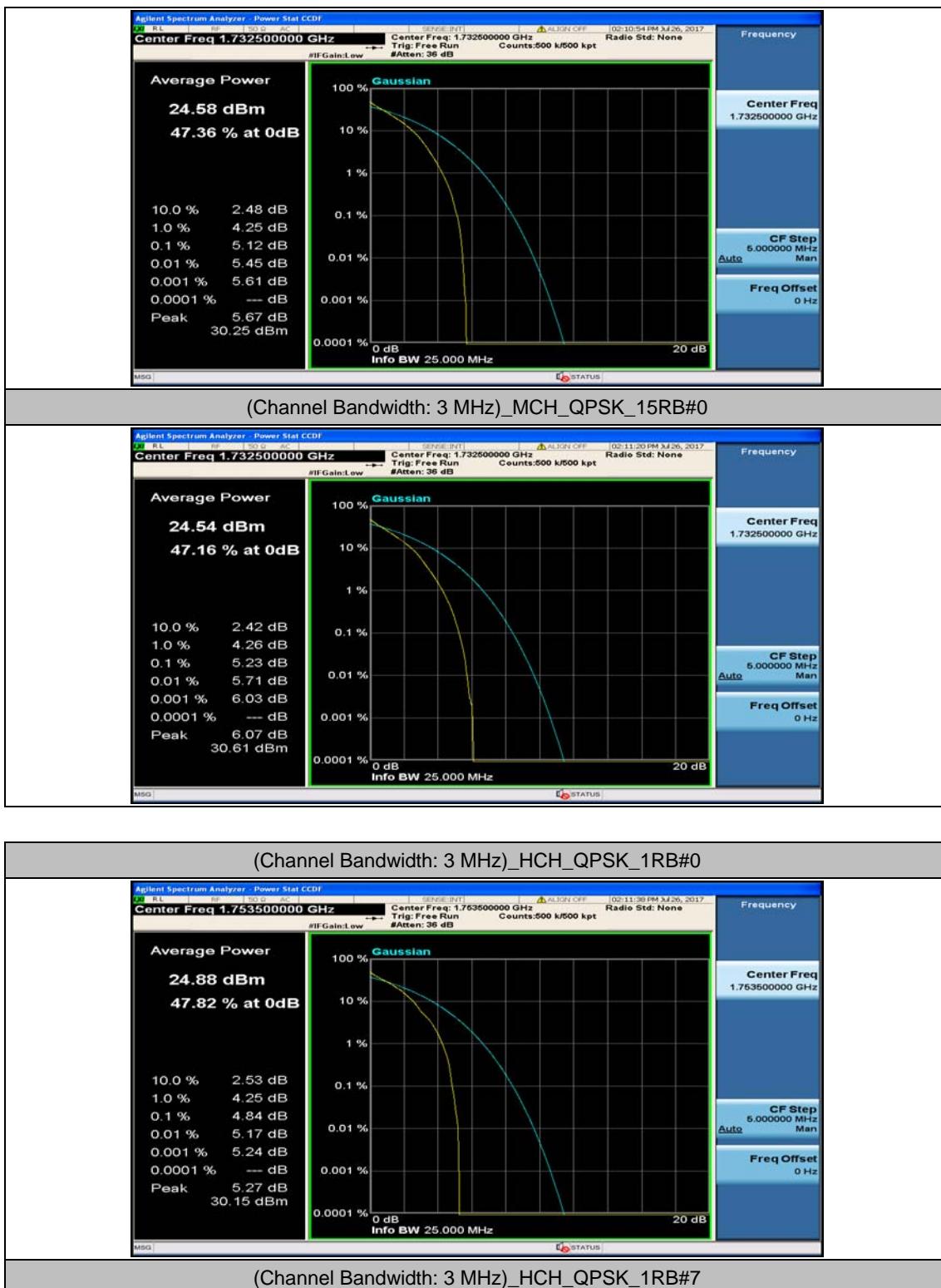
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0

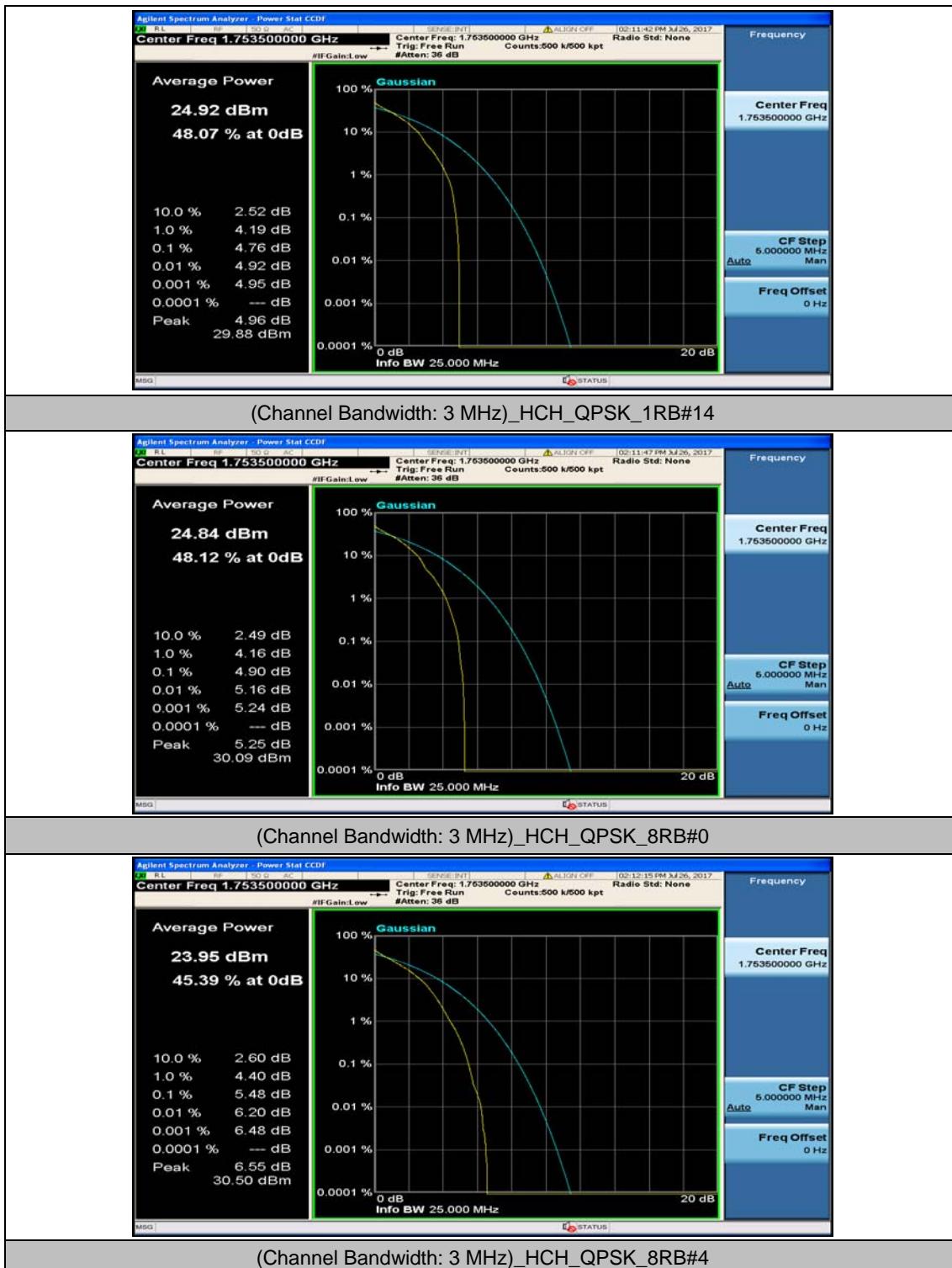


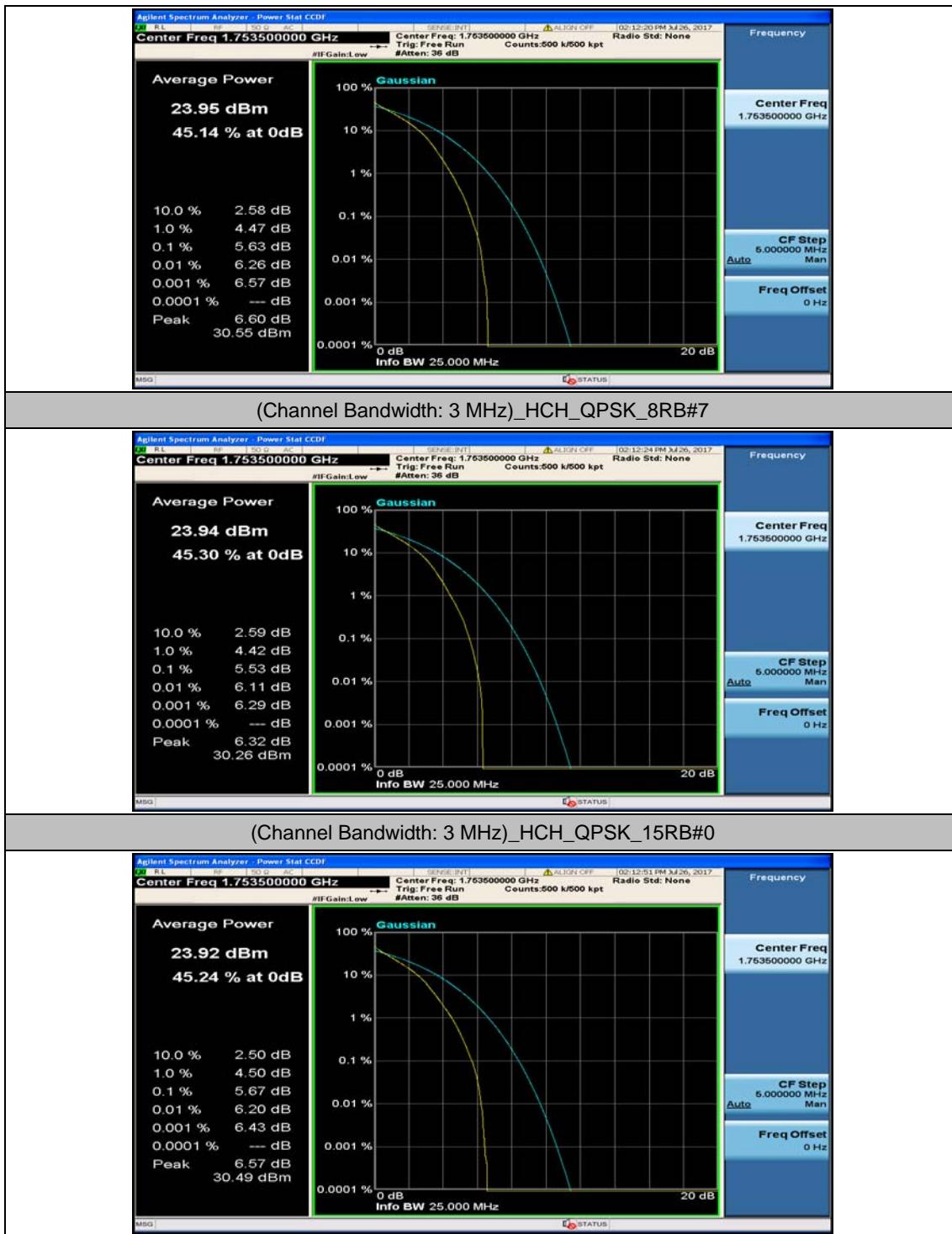


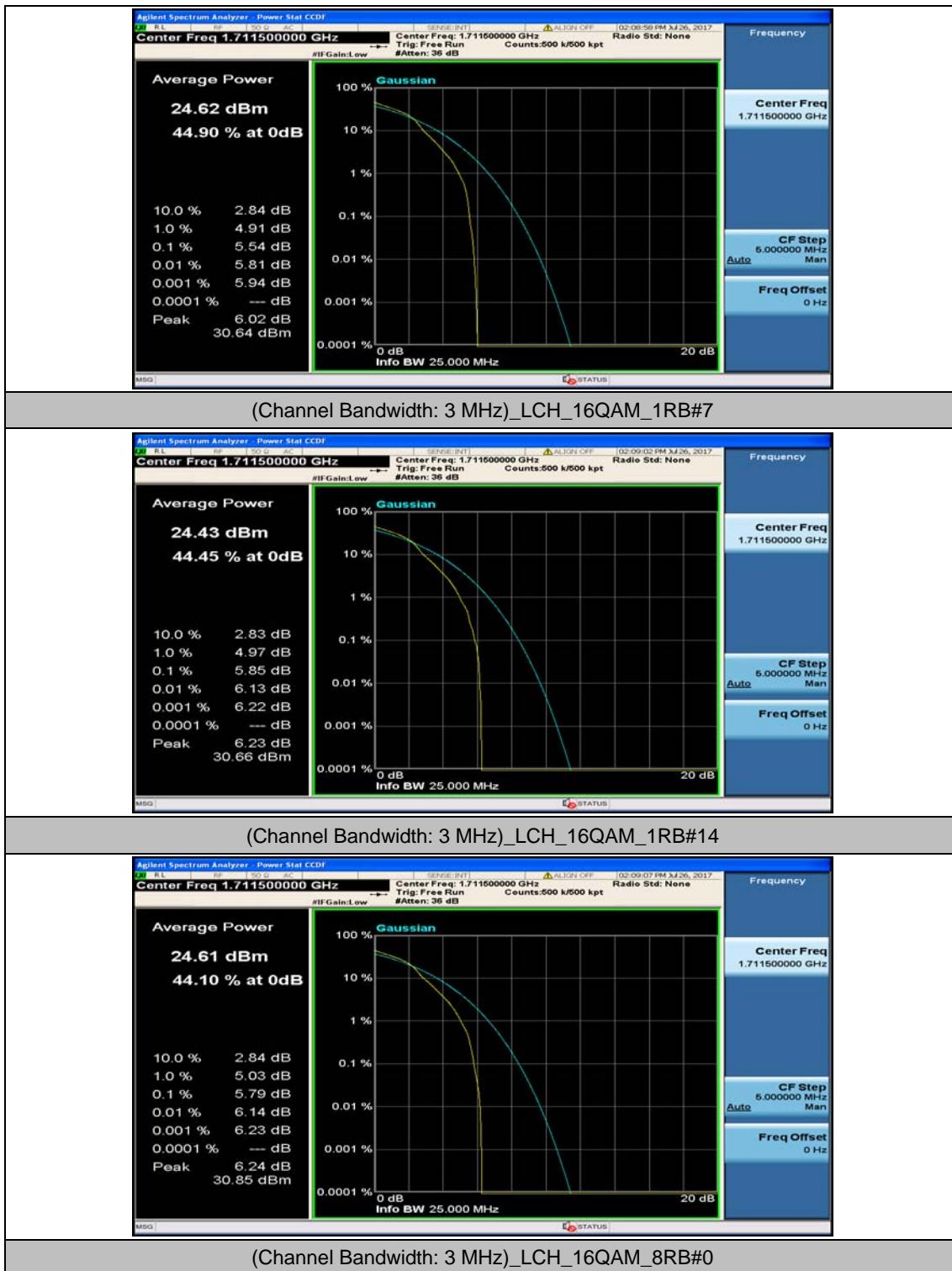


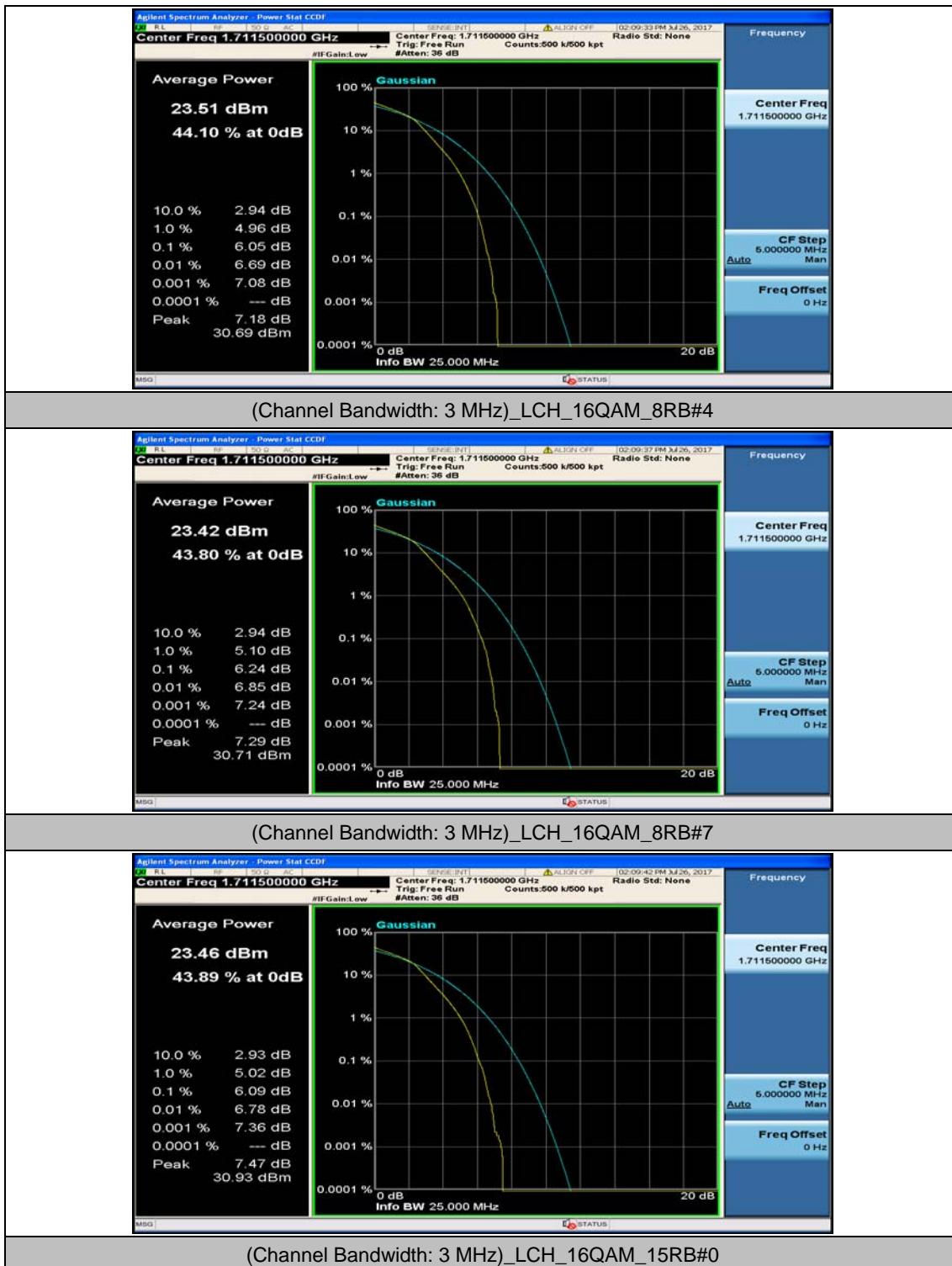


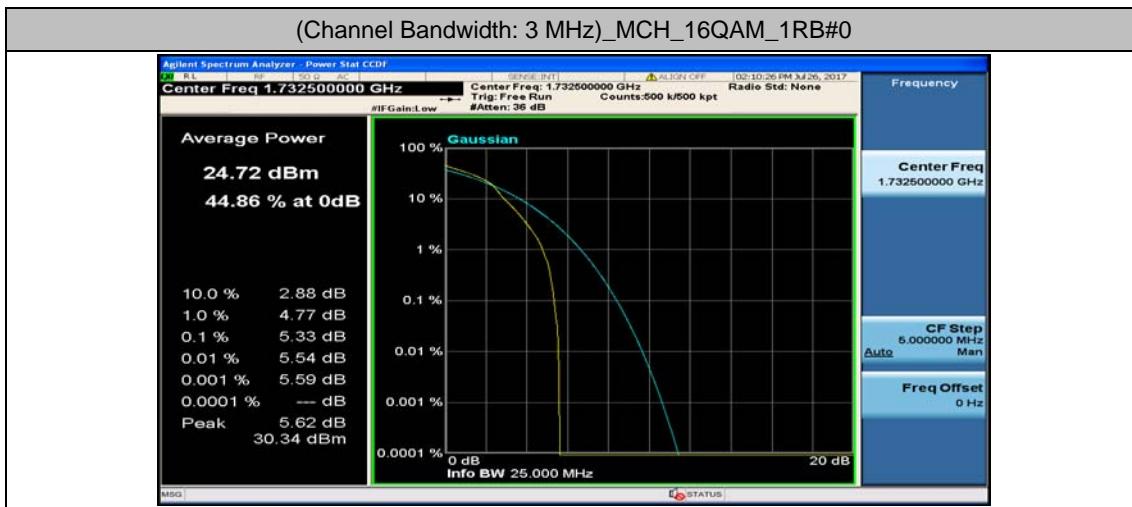
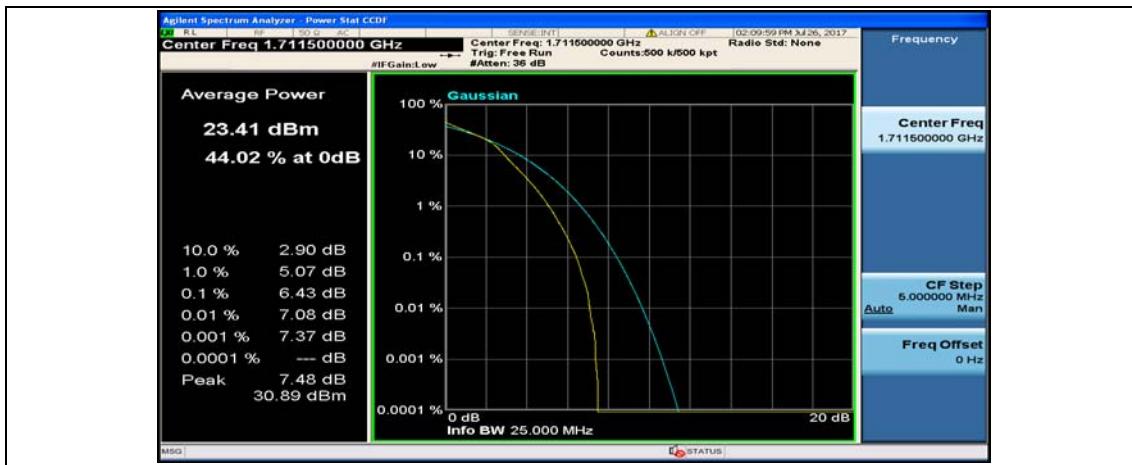




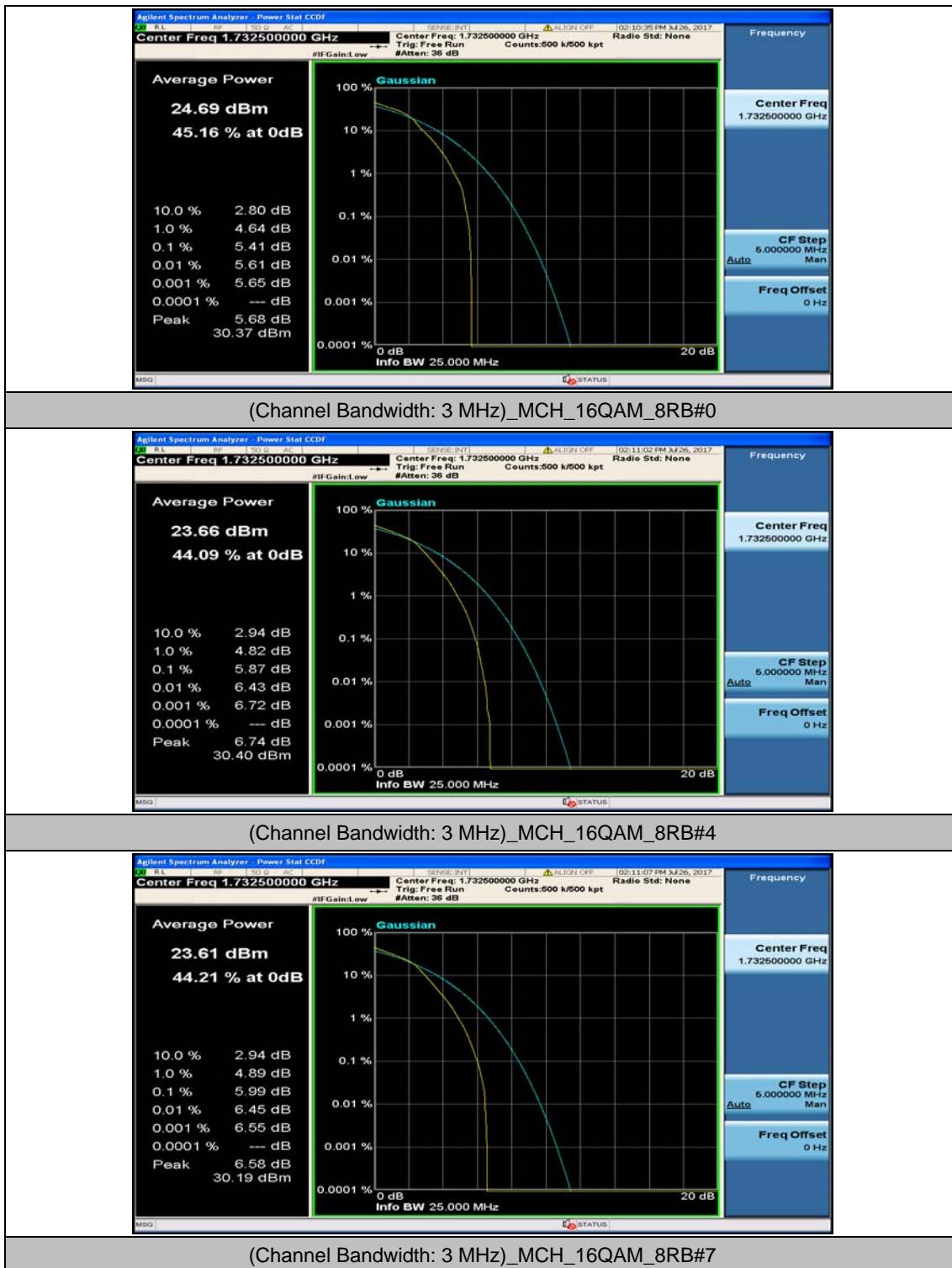


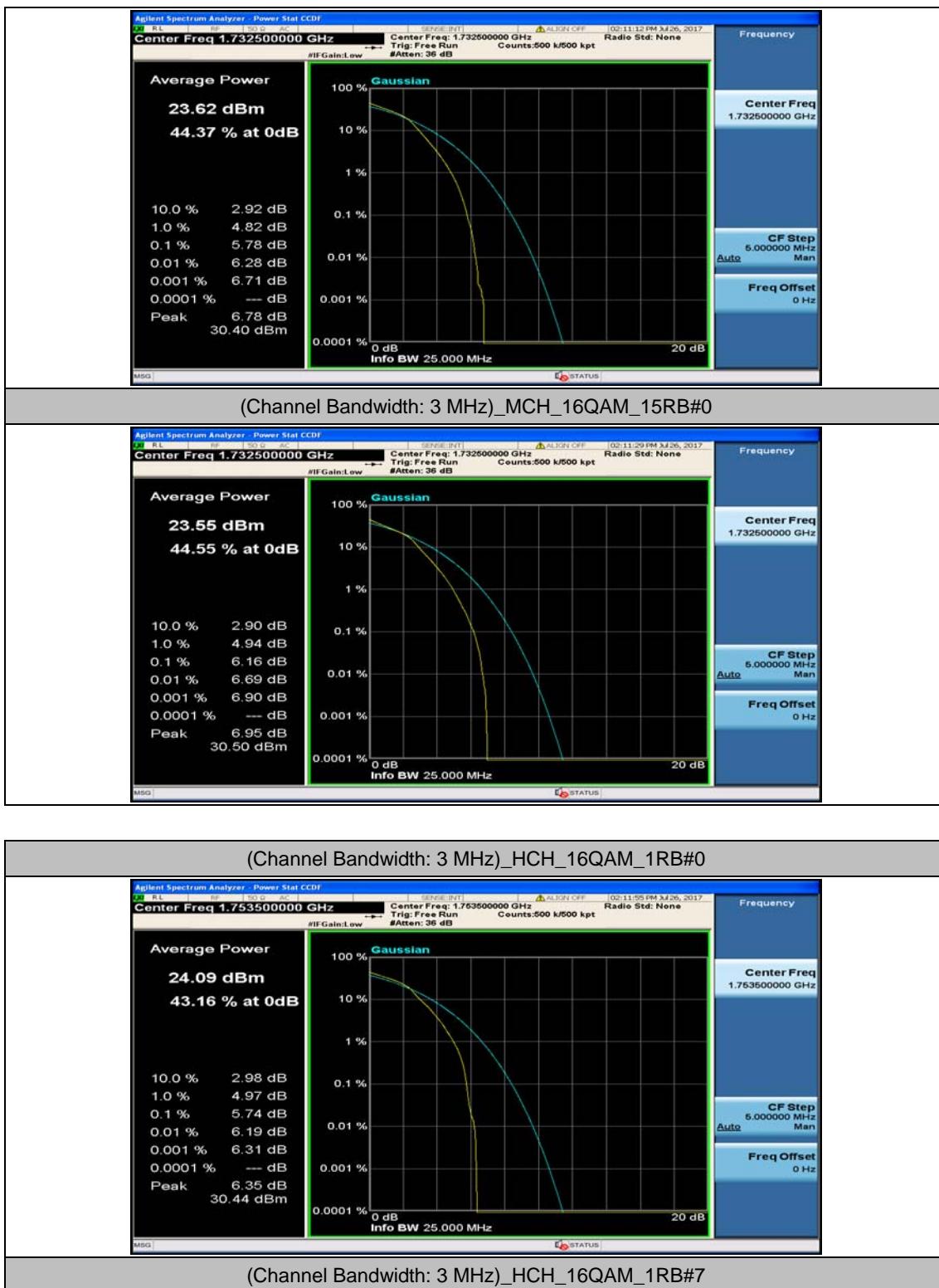


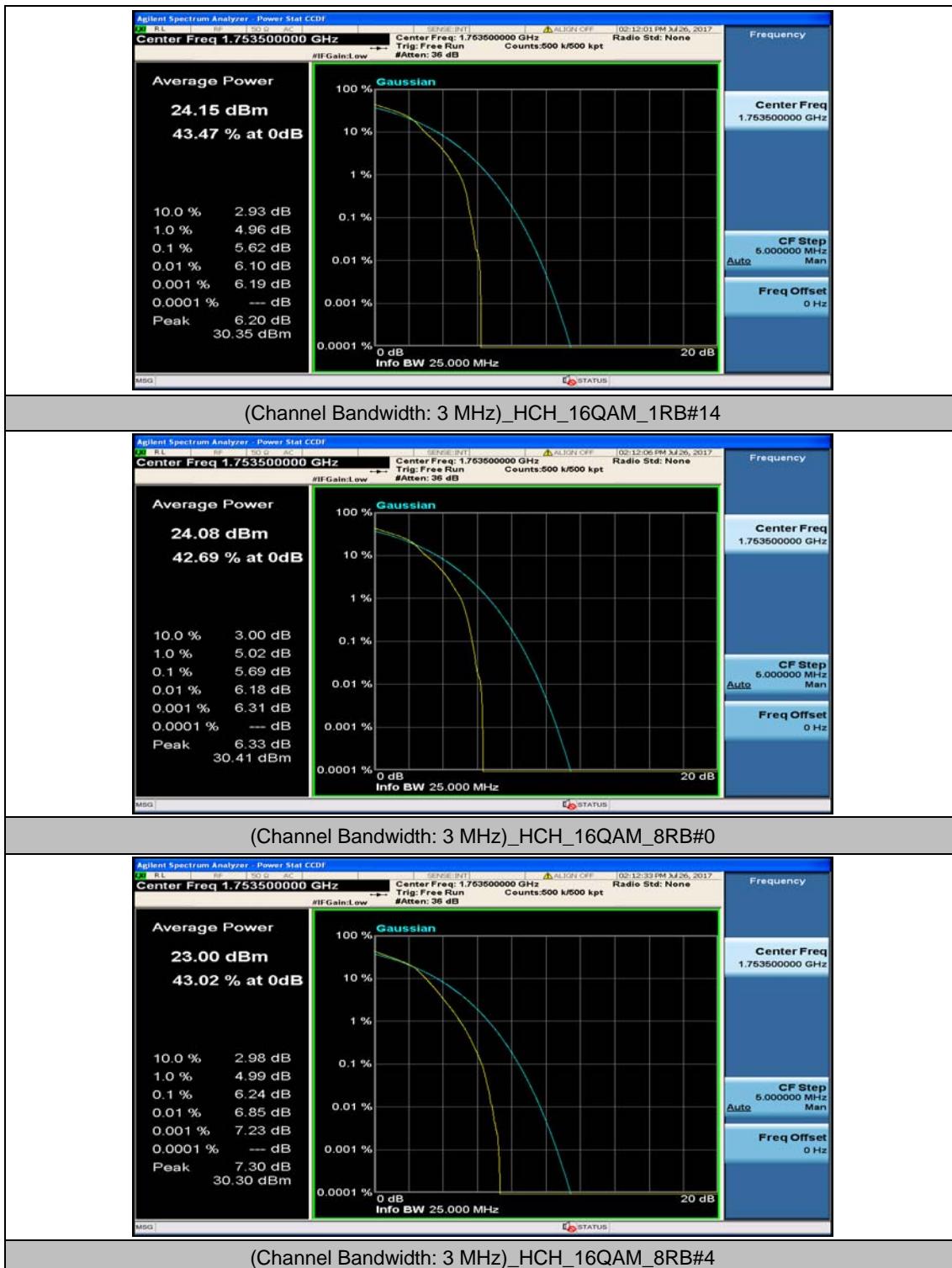


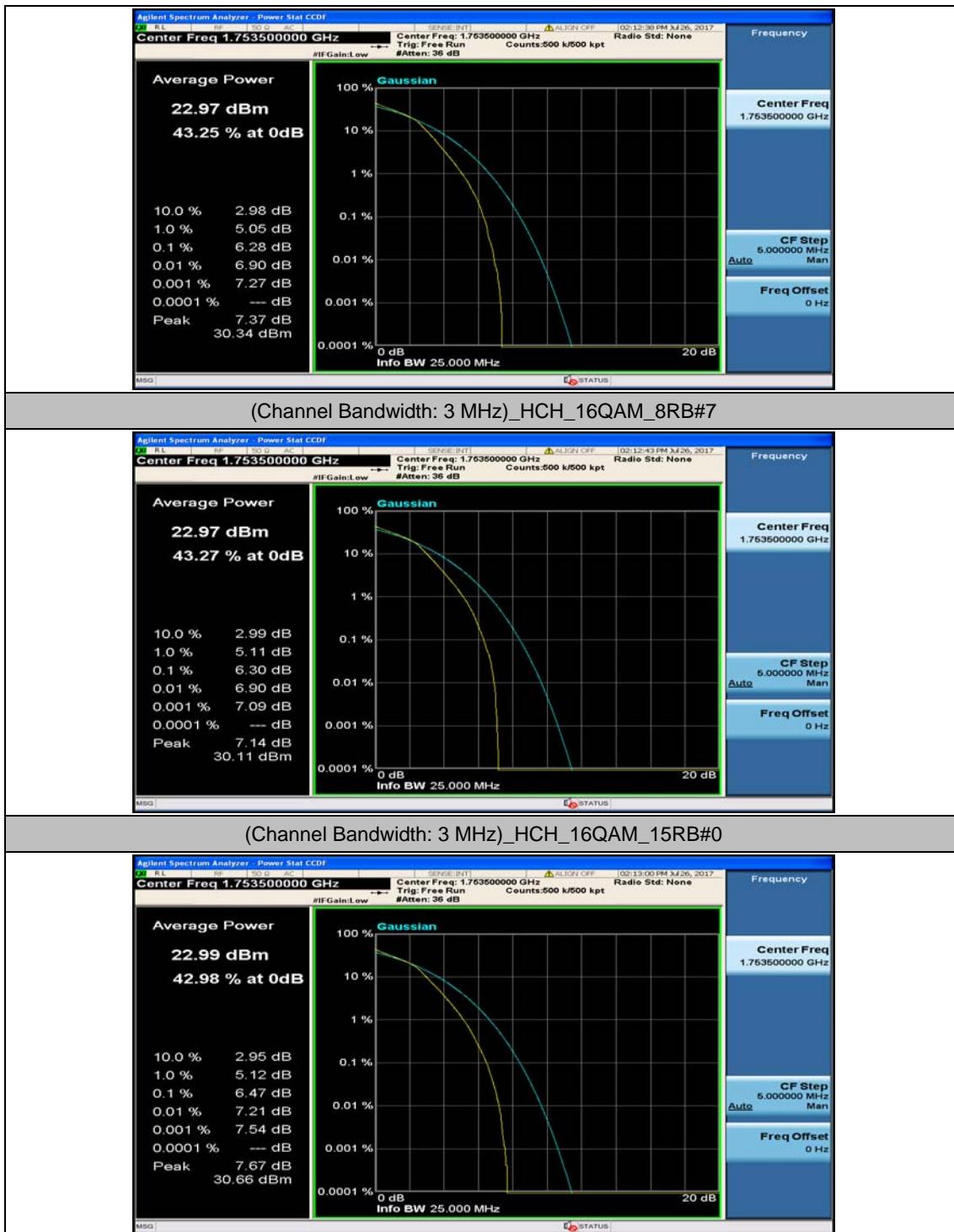


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14



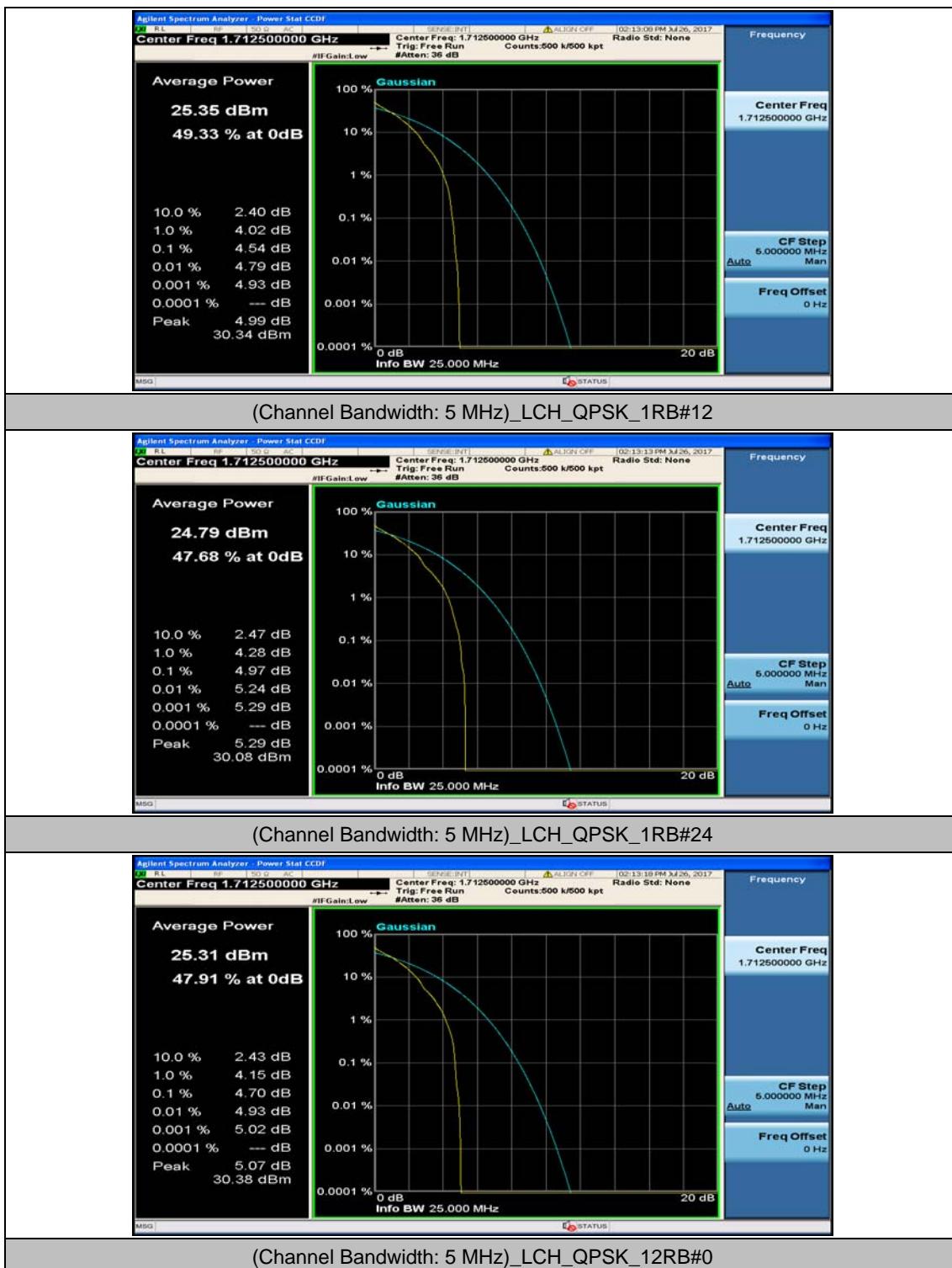


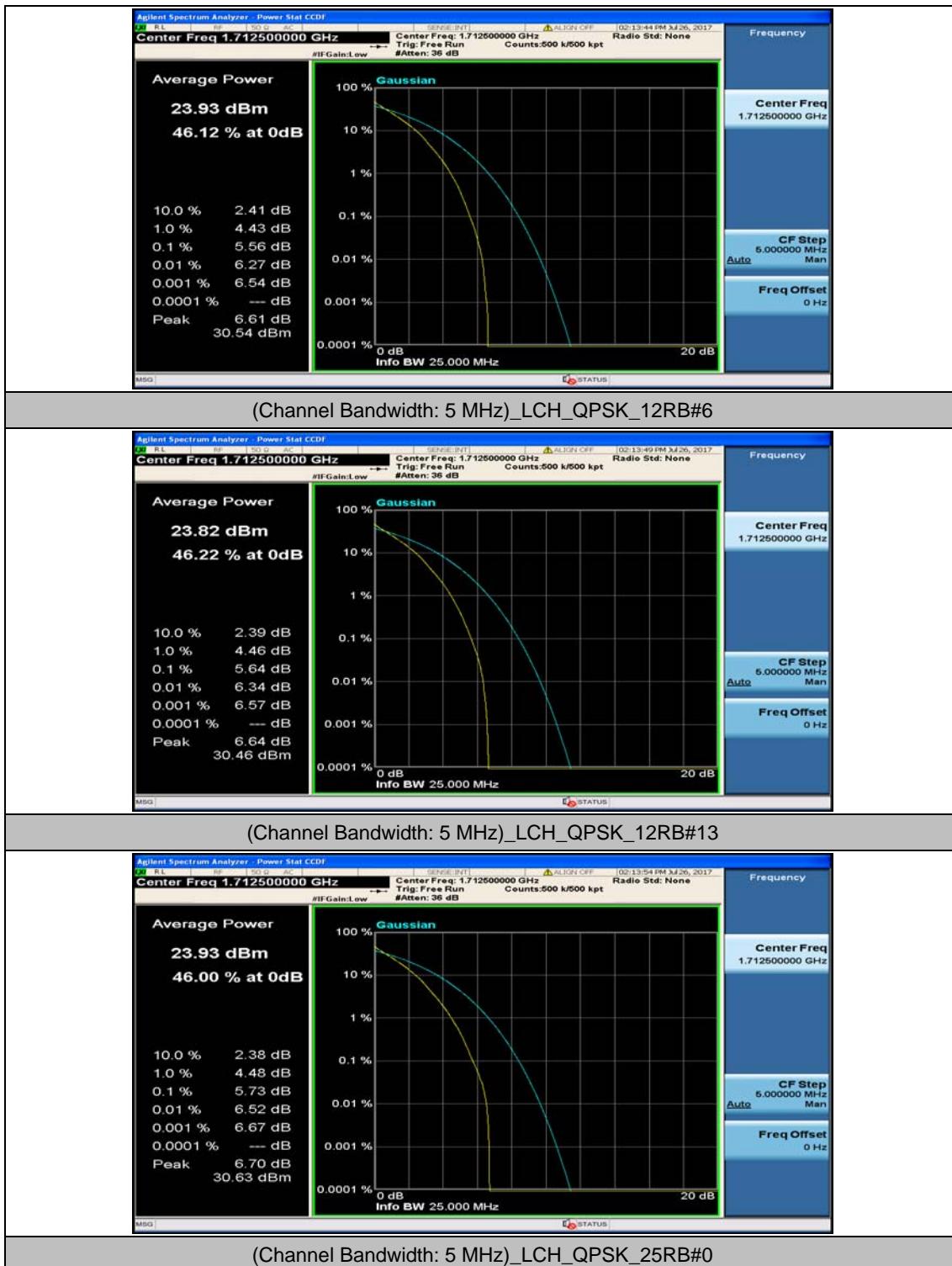


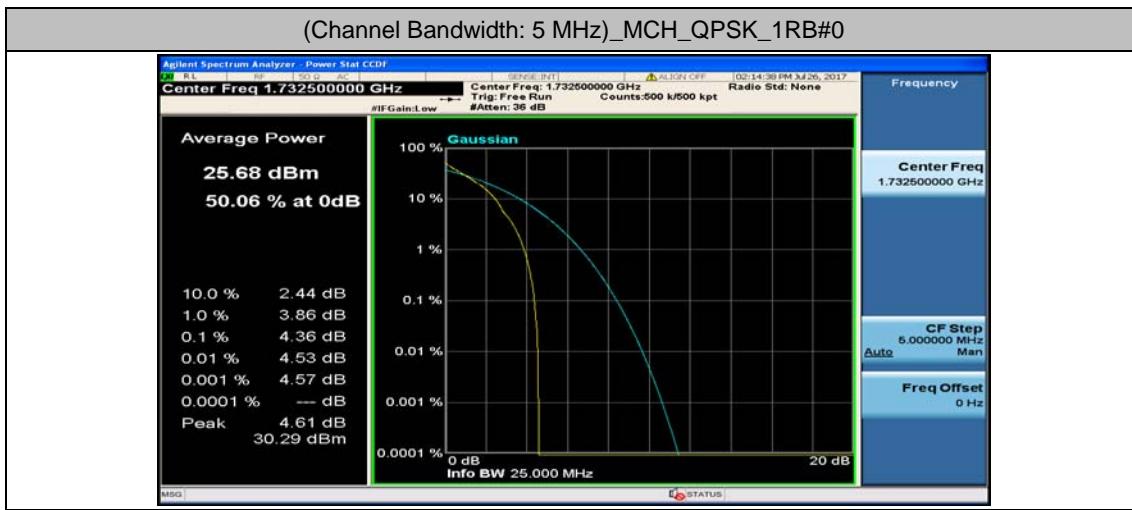
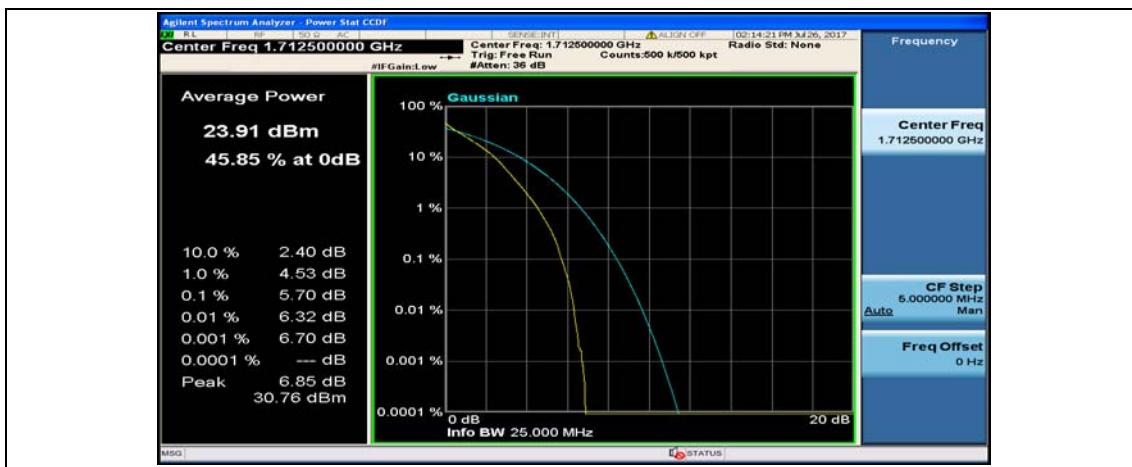


Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0







(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24

