

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	23.68	PASS
		1	3	23.74	PASS
		1	5	23.64	PASS
		3	0	23.74	PASS
		3	2	23.74	PASS
		3	3	23.75	PASS
		6	0	22.68	PASS
	MCH	1	0	22.91	PASS
		1	3	22.91	PASS
		1	5	22.84	PASS
		3	0	22.92	PASS
		3	2	22.87	PASS
		3	3	22.88	PASS
		6	0	21.95	PASS
16QAM	LCH	1	0	21.72	PASS
		1	3	21.48	PASS
		1	5	21.44	PASS
		3	0	21.59	PASS
		3	2	21.45	PASS
		3	3	21.38	PASS
		6	0	20.79	PASS
	MCH	1	0	22.92	PASS
		1	3	23.07	PASS
		1	5	22.92	PASS
		3	0	22.88	PASS
		3	2	22.84	PASS
		3	3	22.87	PASS
		6	0	21.44	PASS

		3	3	21.83	PASS
		6	0	20.82	PASS
HCH	HCH	1	0	20.97	PASS
		1	3	20.88	PASS
		1	5	20.80	PASS
		3	0	20.73	PASS
		3	2	20.61	PASS
		3	3	20.58	PASS
		6	0	20.05	PASS

Channel Bandwidth: 3 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.62	PASS
		1	7	23.68	PASS
		1	14	23.51	PASS
		8	0	22.73	PASS
		8	4	22.68	PASS
		8	7	22.66	PASS
		15	0	22.69	PASS
	MCH	1	0	22.86	PASS
		1	7	22.89	PASS
		1	14	22.77	PASS
		8	0	21.97	PASS
		8	4	21.96	PASS
		8	7	21.97	PASS
		15	0	21.91	PASS
16QAM	HCH	1	0	21.97	PASS
		1	7	21.59	PASS
		1	14	21.30	PASS
		8	0	21.15	PASS
		8	4	20.93	PASS
		8	7	20.76	PASS
		15	0	20.92	PASS
	LCH	1	0	22.92	PASS
		1	7	22.98	PASS
		1	14	22.83	PASS
		8	0	21.82	PASS
		8	4	21.79	PASS
		8	7	21.74	PASS
		15	0	21.70	PASS

	MCH	1	0	22.06	PASS
		1	7	22.12	PASS
		1	14	21.96	PASS
		8	0	20.96	PASS
		8	4	20.98	PASS
		8	7	20.96	PASS
		15	0	20.84	PASS
	HCH	1	0	21.18	PASS
		1	7	21.08	PASS
		1	14	20.77	PASS
		8	0	20.04	PASS
		8	4	19.97	PASS
		8	7	19.93	PASS
		15	0	19.85	PASS

Channel Bandwidth: 5 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.74	PASS
		1	12	23.70	PASS
		1	24	23.58	PASS
		12	0	22.75	PASS
		12	6	22.68	PASS
		12	13	22.64	PASS
		25	0	22.65	PASS
	MCH	1	0	23.03	PASS
		1	12	23.02	PASS
		1	24	22.90	PASS
		12	0	22.03	PASS
		12	6	21.99	PASS
		12	13	21.95	PASS
		25	0	21.90	PASS
	HCH	1	0	22.28	PASS
		1	12	21.53	PASS
		1	24	21.32	PASS
		12	0	21.11	PASS
		12	6	20.78	PASS
		12	13	20.52	PASS
		25	0	20.84	PASS
16QAM	LCH	1	0	23.15	PASS
		1	12	23.11	PASS

		1	24	22.97	PASS
		12	0	21.93	PASS
		12	6	21.87	PASS
		12	13	21.83	PASS
		25	0	21.71	PASS
	MCH	1	0	22.31	PASS
		1	12	22.30	PASS
		1	24	22.18	PASS
		12	0	21.11	PASS
		12	6	21.07	PASS
		12	13	21.03	PASS
		25	0	20.90	PASS
	HCH	1	0	21.07	PASS
		1	12	20.61	PASS
		1	24	20.36	PASS
		12	0	20.07	PASS
		12	6	19.97	PASS
		12	13	19.71	PASS
		25	0	19.95	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.50	PASS
		1	24	23.54	PASS
		1	49	23.44	PASS
		25	0	22.68	PASS
		25	12	22.58	PASS
		25	25	22.50	PASS
		50	0	22.59	PASS
QPSK	MCH	1	0	23.05	PASS
		1	24	22.90	PASS
		1	49	22.22	PASS
		25	0	21.97	PASS
		25	12	21.91	PASS
		25	25	21.82	PASS
		50	0	21.90	PASS
QPSK	HCH	1	0	22.14	PASS
		1	24	21.83	PASS
		1	49	20.68	PASS
		25	0	21.27	PASS

		25	12	21.15	PASS
		25	25	20.78	PASS
		50	0	21.11	PASS
16QAM	LCH	1	0	22.83	PASS
		1	24	22.85	PASS
		1	49	22.73	PASS
		25	0	21.70	PASS
		25	12	21.62	PASS
		25	25	21.52	PASS
		50	0	21.61	PASS
	MCH	1	0	22.25	PASS
		1	24	22.13	PASS
		1	49	21.59	PASS
		25	0	20.94	PASS
		25	12	20.88	PASS
		25	25	20.80	PASS
		50	0	20.88	PASS
	HCH	1	0	21.56	PASS
		1	24	21.32	PASS
		1	49	20.19	PASS
		25	0	20.21	PASS
		25	12	20.06	PASS
		25	25	19.92	PASS
		50	0	20.08	PASS

Channel Bandwidth: 15 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.72	PASS
		1	37	23.57	PASS
		1	74	23.29	PASS
		37	0	22.73	PASS
		37	18	22.61	PASS
		37	38	22.51	PASS
		75	0	22.60	PASS
	MCH	1	0	23.14	PASS
		1	37	22.97	PASS
		1	74	21.87	PASS
		37	0	22.26	PASS
		37	18	22.15	PASS
		37	38	21.58	PASS

		75	0	22.16	PASS
HCH	HCH	1	0	21.74	PASS
		1	37	21.90	PASS
		1	74	20.54	PASS
		37	0	20.91	PASS
		37	18	21.04	PASS
		37	38	20.66	PASS
		75	0	20.86	PASS
16QAM	LCH	1	0	23.03	PASS
		1	37	22.86	PASS
		1	74	22.57	PASS
		37	0	21.71	PASS
		37	18	21.58	PASS
		37	38	21.48	PASS
		75	0	21.61	PASS
	MCH	1	0	22.39	PASS
		1	37	22.17	PASS
		1	74	21.36	PASS
		37	0	21.16	PASS
		37	18	21.05	PASS
		37	38	20.75	PASS
		75	0	21.06	PASS
	HCH	1	0	21.04	PASS
		1	37	21.24	PASS
		1	74	19.92	PASS
		37	0	20.01	PASS
		37	18	20.14	PASS
		37	38	19.78	PASS
		75	0	19.92	PASS

Channel Bandwidth: 20 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.77	PASS
		1	49	23.52	PASS
		1	99	23.38	PASS
		50	0	23.59	PASS
		50	25	22.44	PASS
		50	50	22.37	PASS
		100	0	22.48	PASS
	MCH	1	0	23.36	PASS

		1	49	23.07	PASS
		1	99	21.69	PASS
		50	0	22.10	PASS
		50	25	21.92	PASS
		50	50	21.42	PASS
		100	0	21.93	PASS
	HCH	1	0	21.87	PASS
		1	49	22.10	PASS
		1	99	20.81	PASS
		50	0	20.76	PASS
		50	25	21.03	PASS
		50	50	20.89	PASS
		100	0	20.88	PASS
16QAM	LCH	1	0	23.01	PASS
		1	49	22.71	PASS
		1	99	22.54	PASS
		50	0	21.60	PASS
		50	25	21.44	PASS
		50	50	21.37	PASS
		100	0	21.48	PASS
	MCH	1	0	22.52	PASS
		1	49	22.18	PASS
		1	99	20.93	PASS
		50	0	21.03	PASS
		50	25	20.87	PASS
		50	50	20.54	PASS
		100	0	20.89	PASS
	HCH	1	0	21.24	PASS
		1	49	21.49	PASS
		1	99	20.11	PASS
		50	0	19.84	PASS
		50	25	20.13	PASS
		50	50	19.96	PASS
		100	0	19.94	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	4.96	<13	PASS
		1	3	4.82	<13	PASS
		1	5	4.94	<13	PASS
		3	0	4.66	<13	PASS
		3	2	4.59	<13	PASS
		3	3	4.53	<13	PASS
		6	0	5.39	<13	PASS
	MCH	1	0	3.61	<13	PASS
		1	3	3.46	<13	PASS
		1	5	3.59	<13	PASS
		3	0	3.32	<13	PASS
		3	2	3.3	<13	PASS
		3	3	3.32	<13	PASS
		6	0	4.05	<13	PASS
16QAM	LCH	1	0	2.52	<13	PASS
		1	3	2.71	<13	PASS
		1	5	2.84	<13	PASS
		3	0	2.55	<13	PASS
		3	2	2.59	<13	PASS
		3	3	2.69	<13	PASS
		6	0	3.06	<13	PASS
	MCH	1	0	5.82	<13	PASS
		1	3	5.59	<13	PASS
		1	5	5.86	<13	PASS
		3	0	5.69	<13	PASS
		3	2	5.69	<13	PASS
		3	3	5.56	<13	PASS
		6	0	6.17	<13	PASS

		3	2	4.32	<13	PASS
		3	3	4.24	<13	PASS
		6	0	4.96	<13	PASS
HCH		1	0	3.37	<13	PASS
		1	3	3.61	<13	PASS
		1	5	3.72	<13	PASS
		3	0	3.25	<13	PASS
		3	2	3.4	<13	PASS
		3	3	3.37	<13	PASS
		6	0	3.78	<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	4.92	<13	PASS
		1	7	4.85	<13	PASS
		1	14	4.95	<13	PASS
		8	0	5.26	<13	PASS
		8	4	5.26	<13	PASS
		8	7	5.39	<13	PASS
		15	0	5.33	<13	PASS
	MCH	1	0	3.83	<13	PASS
		1	7	3.66	<13	PASS
		1	14	3.64	<13	PASS
		8	0	4.07	<13	PASS
		8	4	4.01	<13	PASS
		8	7	4.04	<13	PASS
		15	0	4.17	<13	PASS
	HCH	1	0	2.23	<13	PASS
		1	7	2.51	<13	PASS
		1	14	2.91	<13	PASS
		8	0	2.74	<13	PASS
		8	4	2.89	<13	PASS
		8	7	3.06	<13	PASS
		15	0	2.88	<13	PASS
16QAM	LCH	1	0	5.87	<13	PASS
		1	7	5.9	<13	PASS
		1	14	5.87	<13	PASS
		8	0	5.92	<13	PASS
		8	4	6.02	<13	PASS

		8	7	6	<13	PASS
		15	0	6.25	<13	PASS
MCH		1	0	4.84	<13	PASS
		1	7	4.67	<13	PASS
		1	14	4.77	<13	PASS
		8	0	4.93	<13	PASS
		8	4	4.88	<13	PASS
		8	7	4.81	<13	PASS
		15	0	5.04	<13	PASS
HCH		1	0	3.14	<13	PASS
		1	7	3.26	<13	PASS
		1	14	3.7	<13	PASS
		8	0	3.58	<13	PASS
		8	4	3.62	<13	PASS
		8	7	3.71	<13	PASS
		15	0	3.7	<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	4.69	<13	PASS
		1	12	4.72	<13	PASS
		1	24	4.73	<13	PASS
		12	0	5.29	<13	PASS
		12	6	5.32	<13	PASS
		12	13	5.31	<13	PASS
		25	0	5.33	<13	PASS
	MCH	1	0	3.77	<13	PASS
		1	12	3.46	<13	PASS
		1	24	3.48	<13	PASS
		12	0	4.15	<13	PASS
		12	6	4.14	<13	PASS
		12	13	4.1	<13	PASS
		25	0	4.18	<13	PASS
	HCH	1	0	2.33	<13	PASS
		1	12	2.52	<13	PASS
		1	24	2.92	<13	PASS
		12	0	2.92	<13	PASS
		12	6	2.97	<13	PASS
		12	13	3.15	<13	PASS

		25	0	2.95	<13	PASS
16QAM	LCH	1	0	5.56	<13	PASS
		1	12	5.71	<13	PASS
		1	24	5.59	<13	PASS
		12	0	6.16	<13	PASS
		12	6	6.13	<13	PASS
		12	13	6.09	<13	PASS
		25	0	6.13	<13	PASS
	MCH	1	0	4.68	<13	PASS
		1	12	4.56	<13	PASS
		1	24	4.54	<13	PASS
		12	0	4.99	<13	PASS
		12	6	4.93	<13	PASS
		12	13	4.92	<13	PASS
		25	0	5.04	<13	PASS
	HCH	1	0	3.21	<13	PASS
		1	12	3.3	<13	PASS
		1	24	3.71	<13	PASS
		12	0	3.81	<13	PASS
		12	6	3.7	<13	PASS
		12	13	3.8	<13	PASS
		25	0	3.75	<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	4.88	<13	PASS
		1	24	4.78	<13	PASS
		1	49	4.68	<13	PASS
		25	0	5.25	<13	PASS
		25	12	5.25	<13	PASS
		25	25	5.18	<13	PASS
		50	0	5.2	<13	PASS
	MCH	1	0	3.95	<13	PASS
		1	24	3.73	<13	PASS
		1	49	3.99	<13	PASS
		25	0	4.25	<13	PASS
		25	12	4.14	<13	PASS
		25	25	4.08	<13	PASS
		50	0	4.17	<13	PASS

		1	0	3.73	<13	PASS
		1	24	2.53	<13	PASS
		1	49	3.11	<13	PASS
	HCH	25	0	3.77	<13	PASS
		25	12	3.18	<13	PASS
		25	25	2.97	<13	PASS
		50	0	3.53	<13	PASS
16QAM	LCH	1	0	5.85	<13	PASS
		1	24	5.72	<13	PASS
		1	49	5.67	<13	PASS
		25	0	6.08	<13	PASS
		25	12	6.06	<13	PASS
		25	25	6	<13	PASS
		50	0	6	<13	PASS
	MCH	1	0	4.99	<13	PASS
		1	24	4.67	<13	PASS
		1	49	4.82	<13	PASS
		25	0	5.07	<13	PASS
		25	12	4.98	<13	PASS
		25	25	4.92	<13	PASS
		50	0	4.98	<13	PASS
	HCH	1	0	4.63	<13	PASS
		1	24	3.42	<13	PASS
		1	49	3.96	<13	PASS
		25	0	4.76	<13	PASS
		25	12	4.18	<13	PASS
		25	25	3.77	<13	PASS
		50	0	4.41	<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	4.89	<13	PASS
		1	37	4.75	<13	PASS
		1	74	4.6	<13	PASS
		37	0	5.2	<13	PASS
		37	18	5.1	<13	PASS
		37	38	5.03	<13	PASS
		75	0	5.47	<13	PASS
	MCH	1	0	4.12	<13	PASS

	16QAM	HCH	1	37	3.62	<13	PASS
			1	74	4.08	<13	PASS
			37	0	4.22	<13	PASS
			37	18	4.02	<13	PASS
			37	38	4.08	<13	PASS
			75	0	4.52	<13	PASS
		LCH	1	0	4.86	<13	PASS
			1	37	3.14	<13	PASS
			1	74	3.14	<13	PASS
			37	0	4.71	<13	PASS
			37	18	3.85	<13	PASS
			37	38	3.18	<13	PASS
			75	0	4.28	<13	PASS
		MCH	1	0	5.76	<13	PASS
			1	37	5.64	<13	PASS
			1	74	5.5	<13	PASS
			37	0	6	<13	PASS
			37	18	5.97	<13	PASS
			37	38	5.89	<13	PASS
			75	0	6.11	<13	PASS
		HCH	1	0	4.92	<13	PASS
			1	37	4.63	<13	PASS
			1	74	5.01	<13	PASS
			37	0	5.08	<13	PASS
			37	18	4.91	<13	PASS
			37	38	4.83	<13	PASS
			75	0	5.23	<13	PASS
		LCH	1	0	5.71	<13	PASS
			1	37	4.03	<13	PASS
			1	74	3.86	<13	PASS
			37	0	5.61	<13	PASS
			37	18	4.8	<13	PASS
			37	38	3.97	<13	PASS
			75	0	5.02	<13	PASS

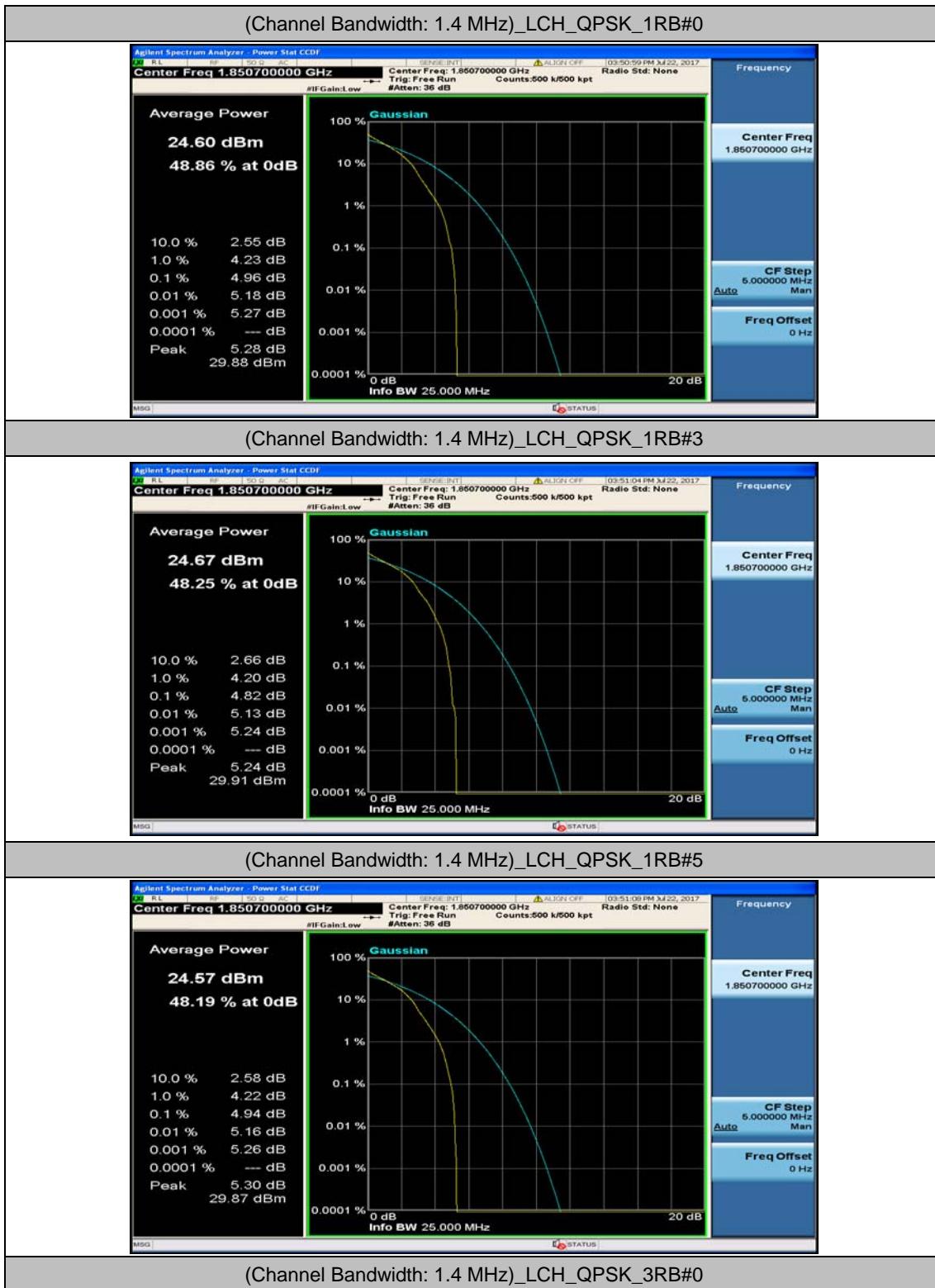
Channel Bandwidth: 20 MHz

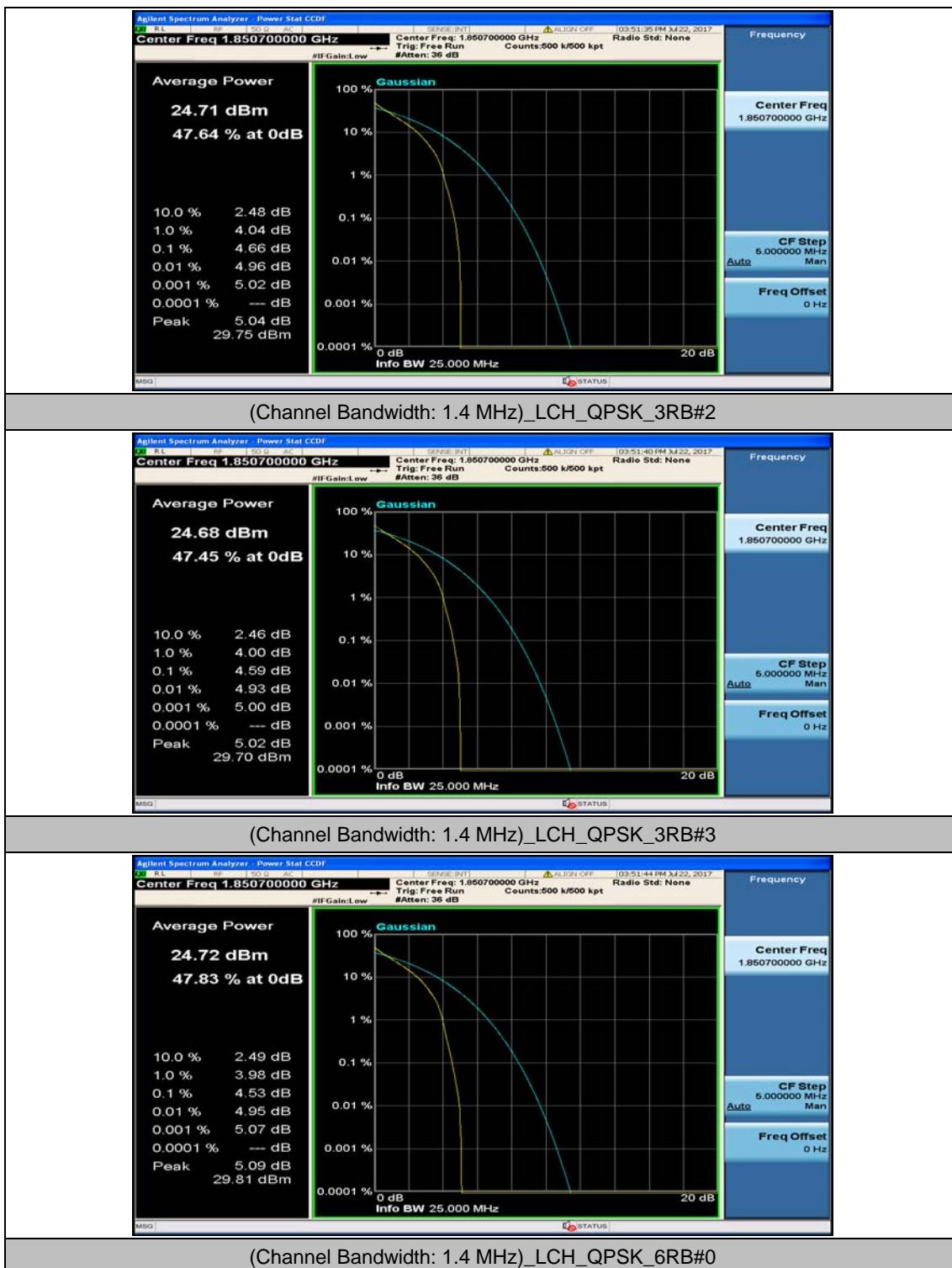
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.62	<13	PASS
		1	49	4.85	<13	PASS

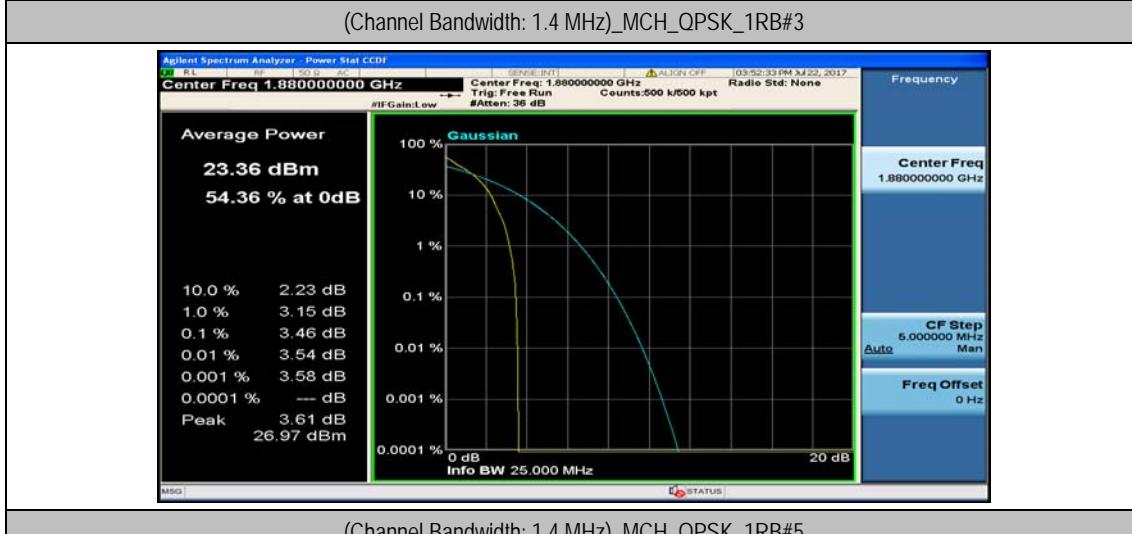
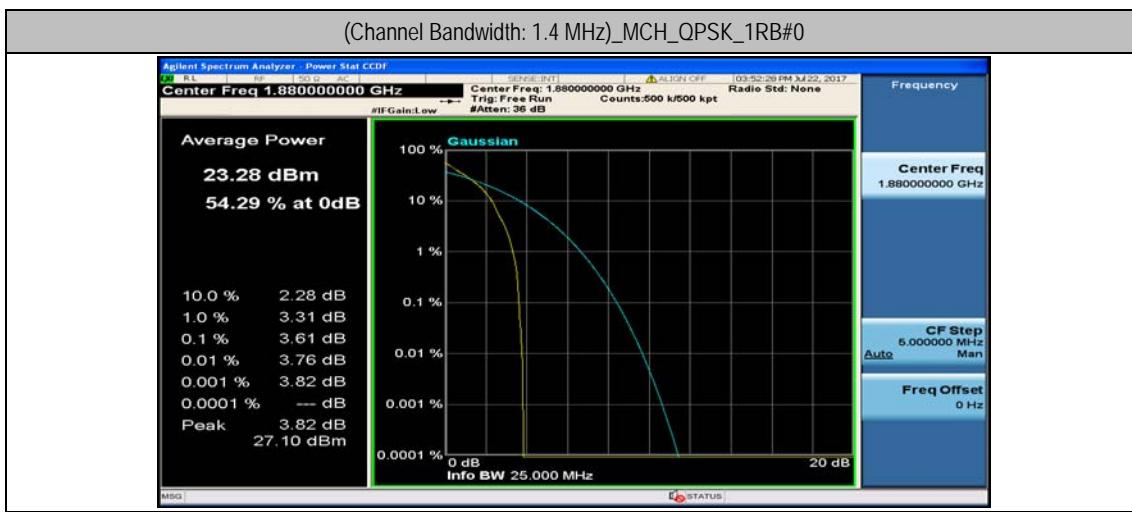
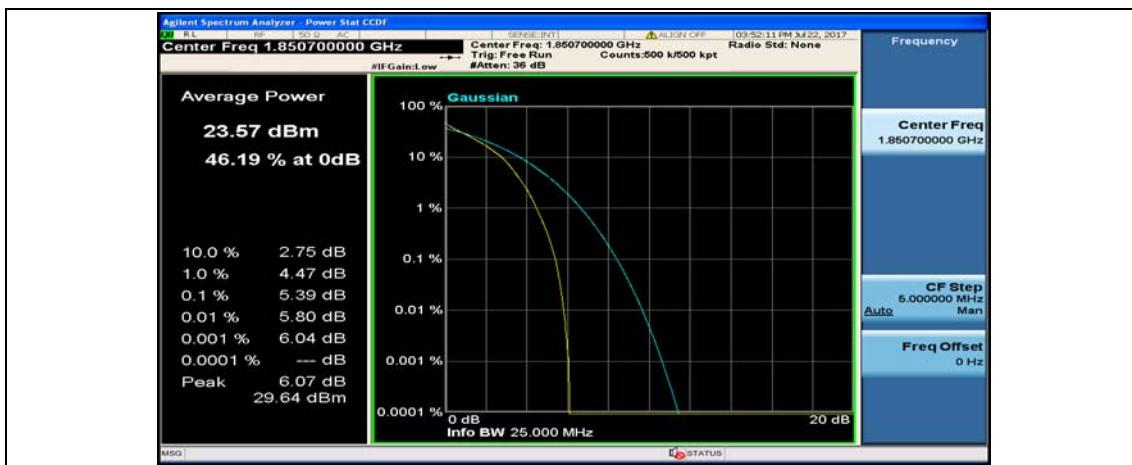
		1	99	4.26	<13	PASS
		50	0	5.2	<13	PASS
		50	25	5.1	<13	PASS
		50	50	5.01	<13	PASS
		100	0	5.27	<13	PASS
	MCH	1	0	4.15	<13	PASS
		1	49	3.7	<13	PASS
		1	99	4.31	<13	PASS
		50	0	4.49	<13	PASS
		50	25	4.15	<13	PASS
		50	50	4.3	<13	PASS
		100	0	4.78	<13	PASS
	HCH	1	0	4.53	<13	PASS
		1	49	4.13	<13	PASS
		1	99	3.04	<13	PASS
		50	0	5.13	<13	PASS
		50	25	4.42	<13	PASS
		50	50	3.65	<13	PASS
		100	0	4.64	<13	PASS
	LCH	1	0	5.82	<13	PASS
		1	49	5.46	<13	PASS
		1	99	5.3	<13	PASS
		50	0	6.02	<13	PASS
		50	25	5.86	<13	PASS
		50	50	5.84	<13	PASS
		100	0	6.06	<13	PASS
	MCH	1	0	4.95	<13	PASS
		1	49	4.53	<13	PASS
		1	99	5.15	<13	PASS
		50	0	5.27	<13	PASS
		50	25	4.98	<13	PASS
		50	50	5.02	<13	PASS
		100	0	5.48	<13	PASS
	HCH	1	0	5.37	<13	PASS
		1	49	4.89	<13	PASS
		1	99	3.75	<13	PASS
		50	0	5.93	<13	PASS
		50	25	5.28	<13	PASS
		50	50	4.49	<13	PASS
		100	0	5.45	<13	PASS

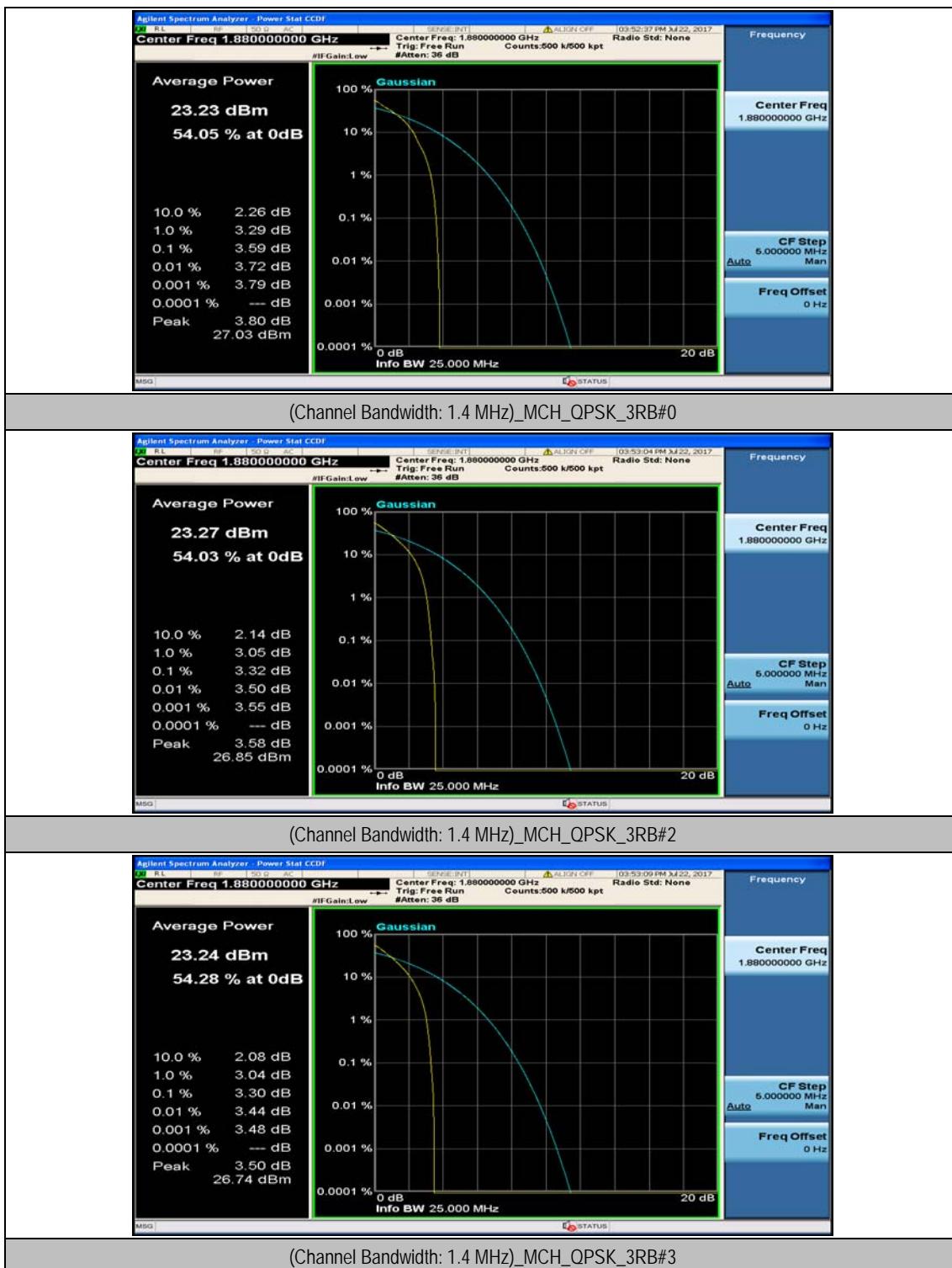
Test Graphs

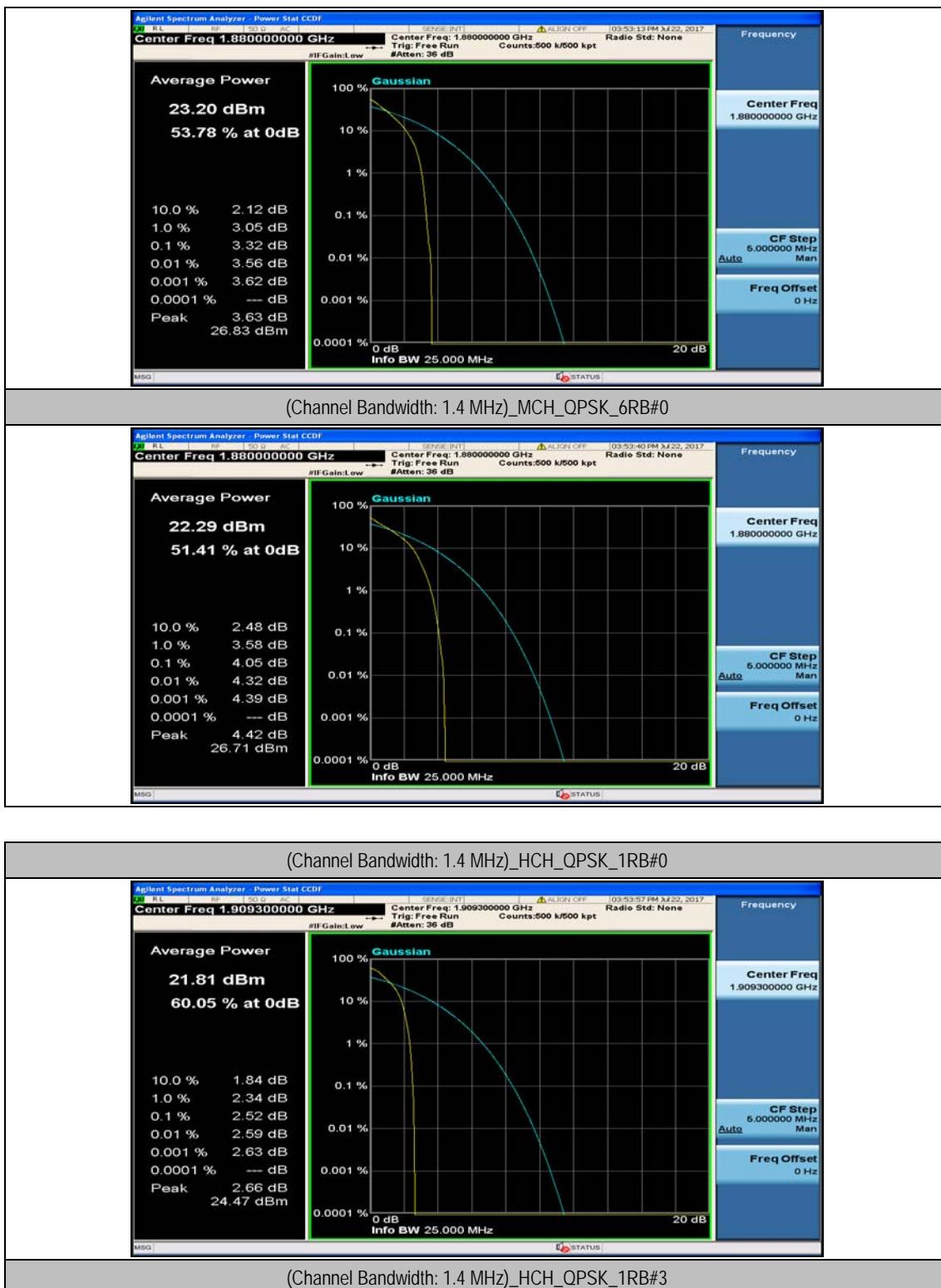
Channel Bandwidth: 1.4 MHz

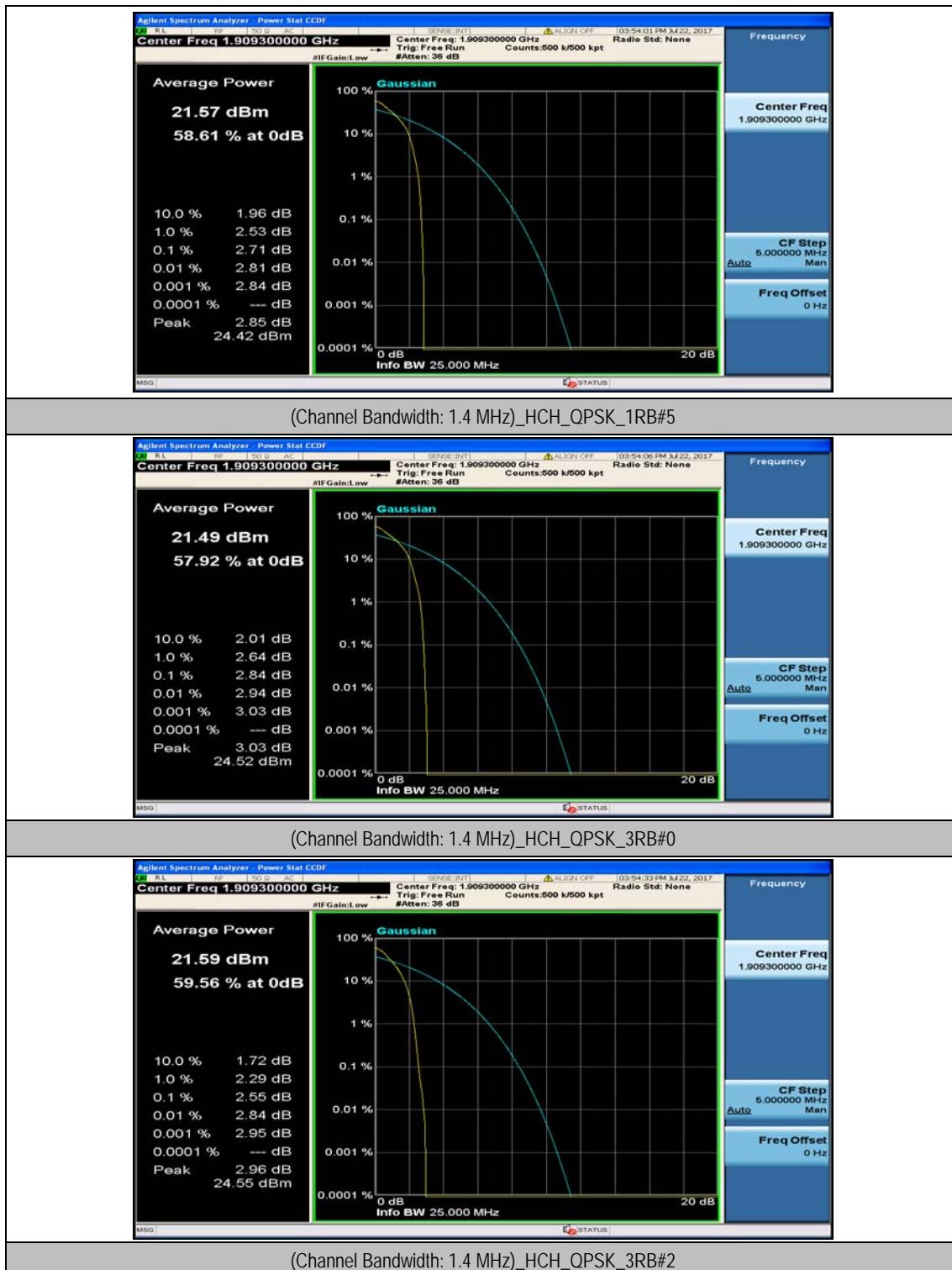


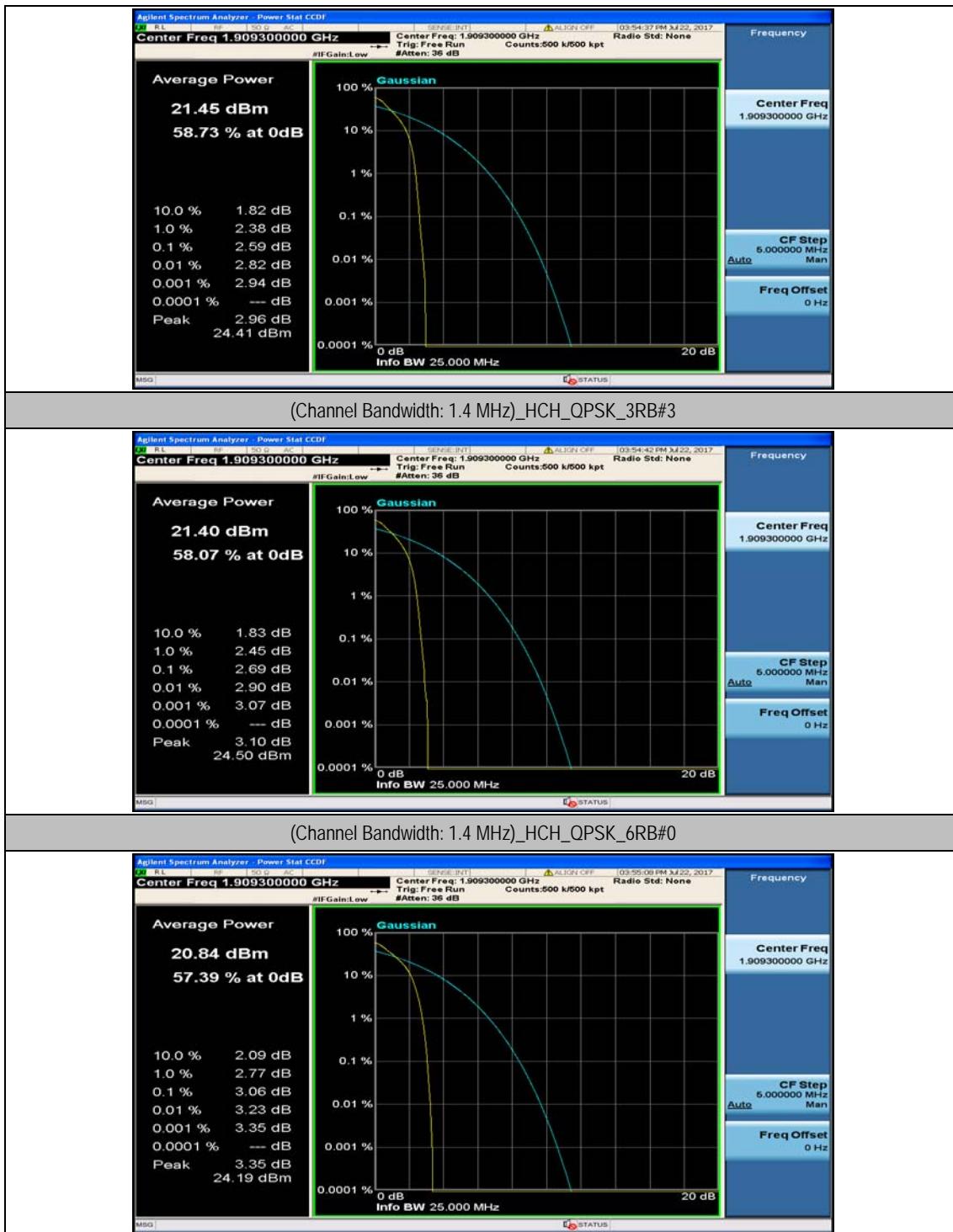




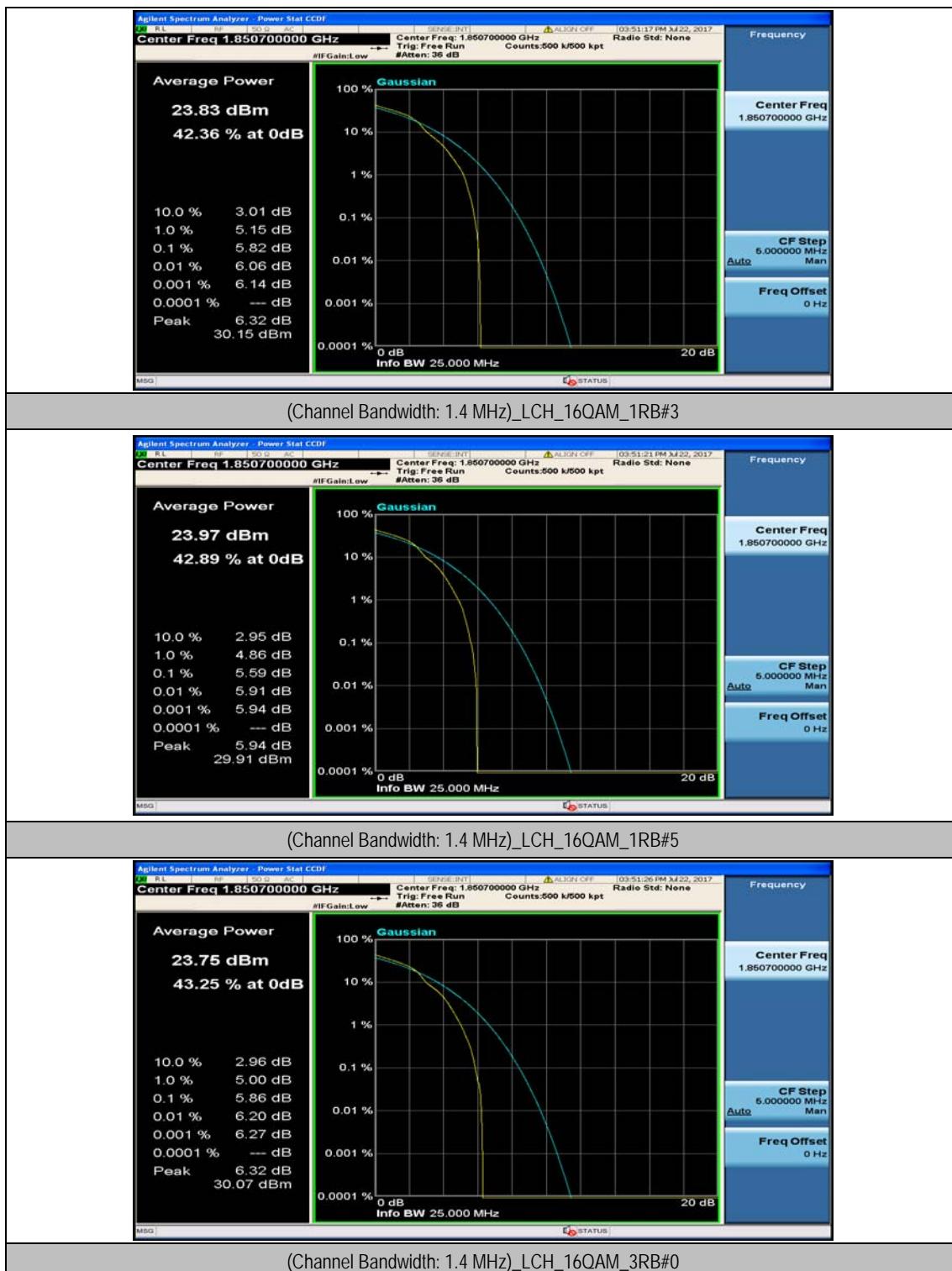


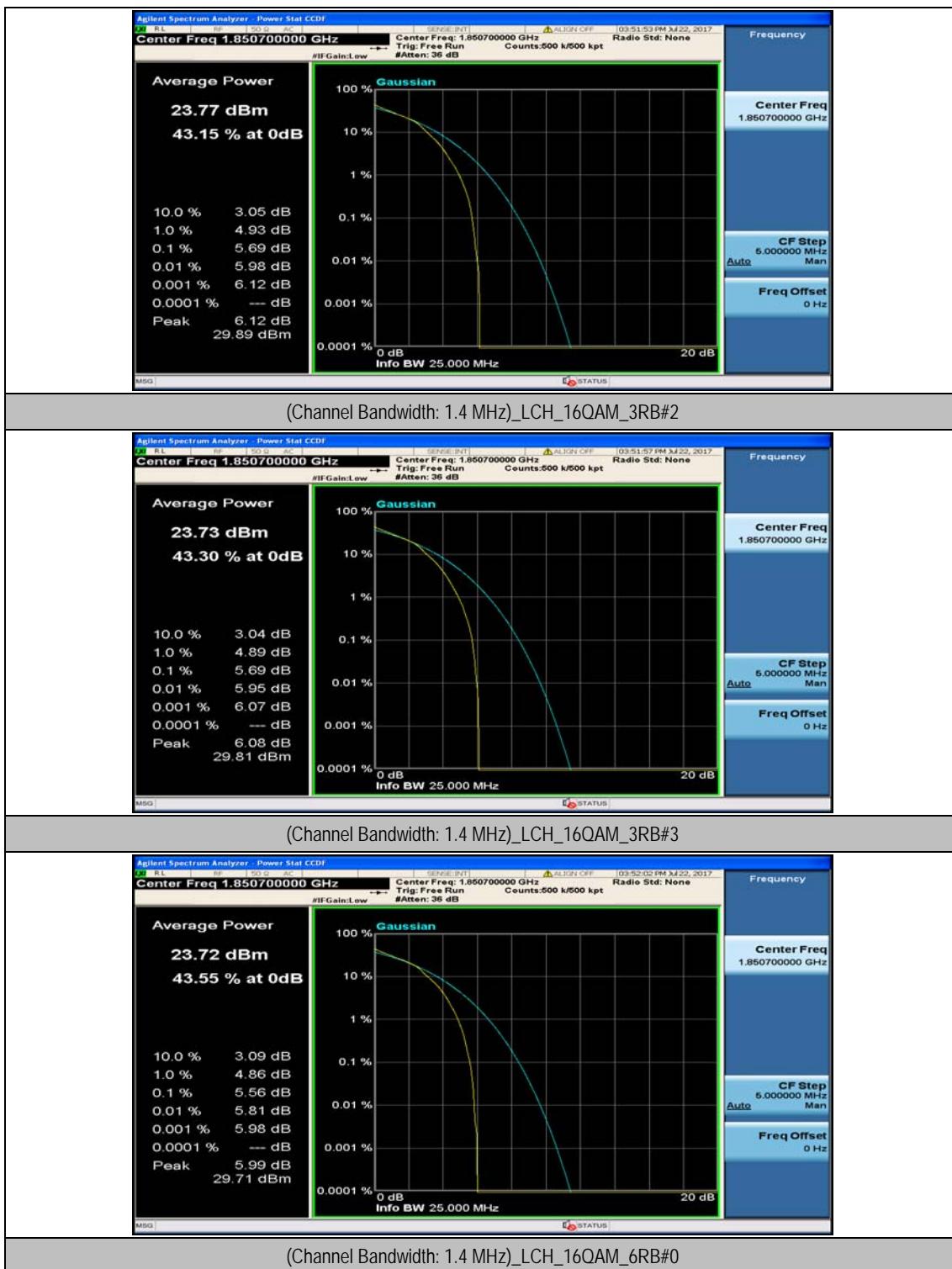


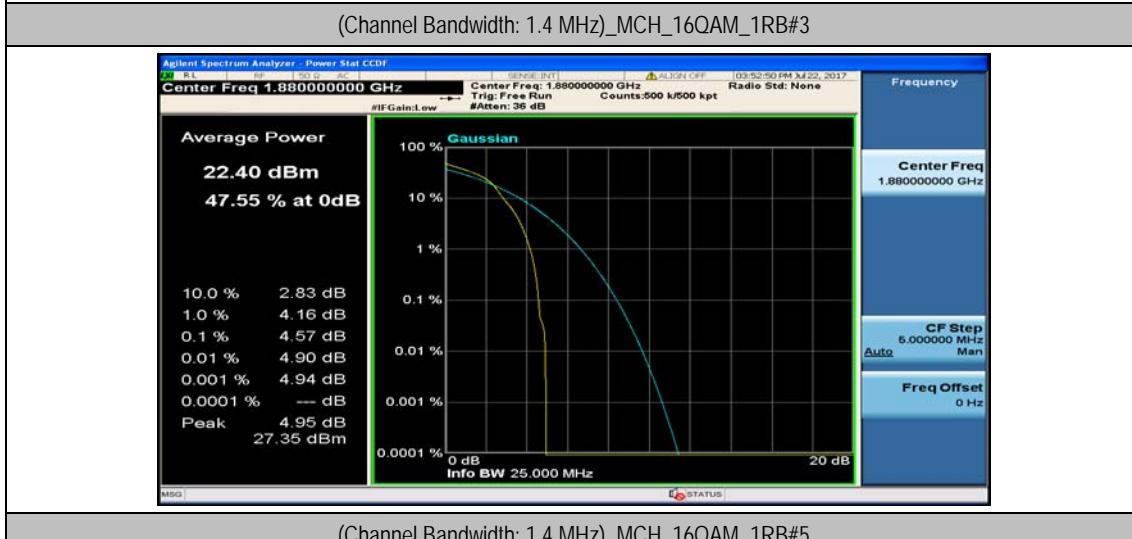
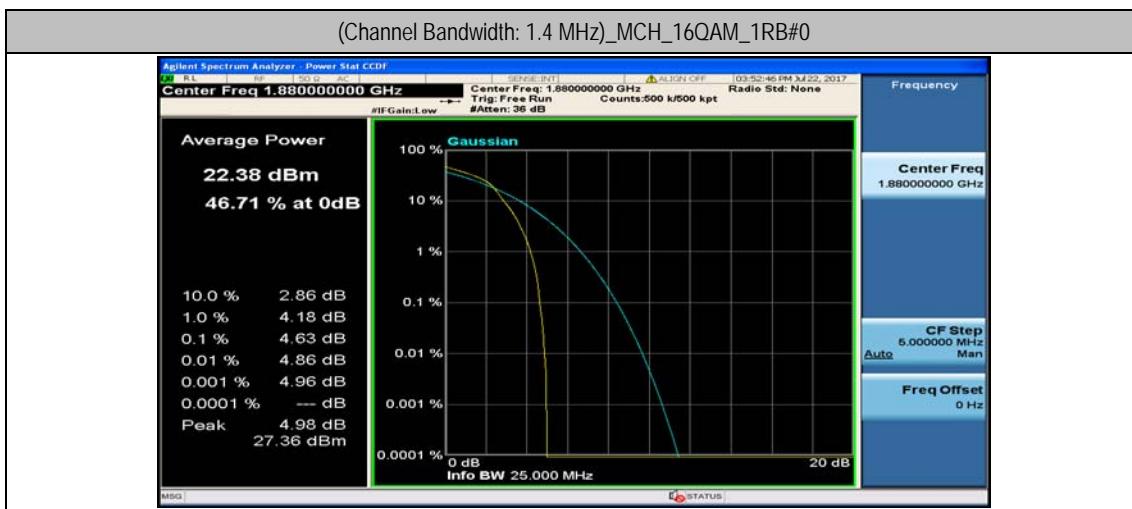
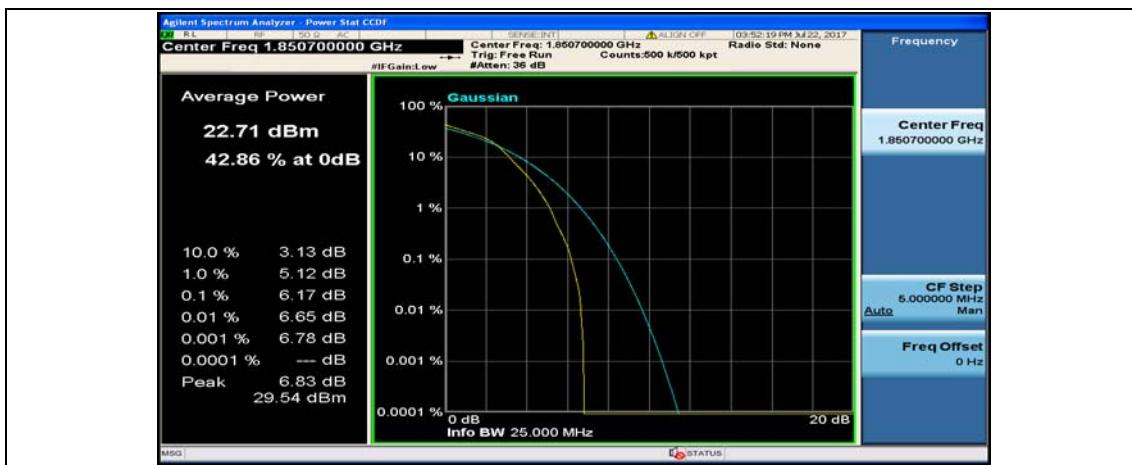


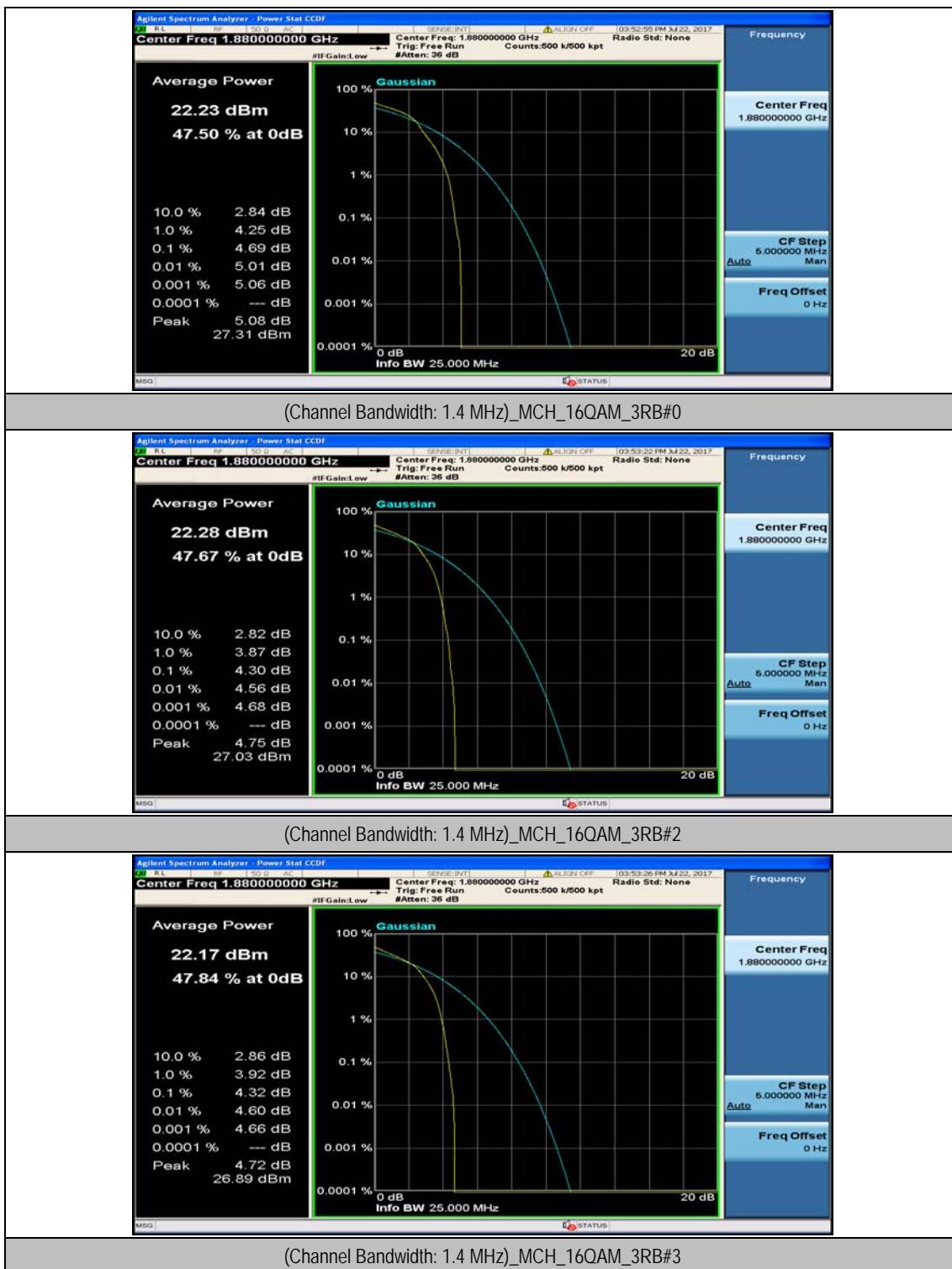


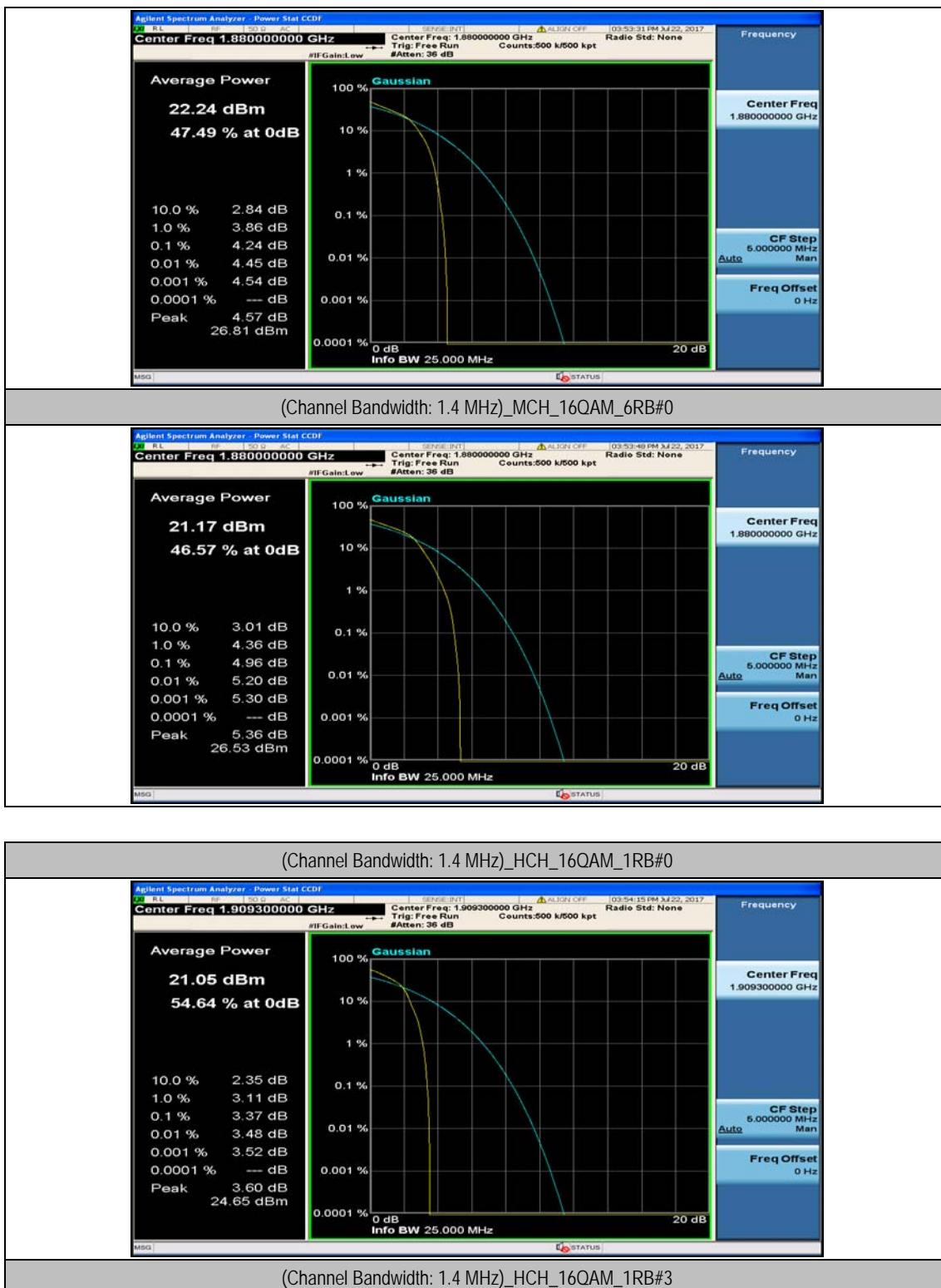
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0

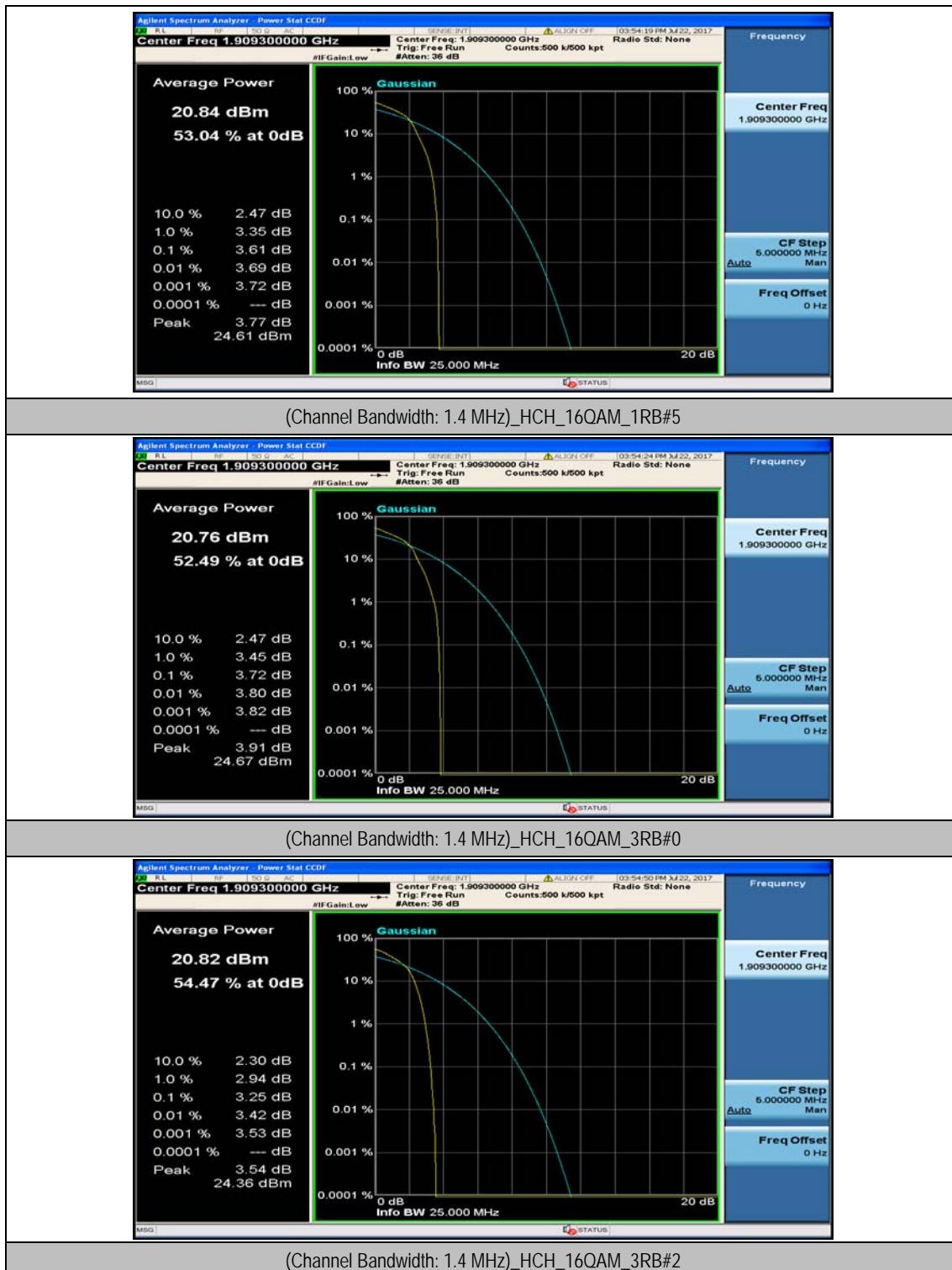


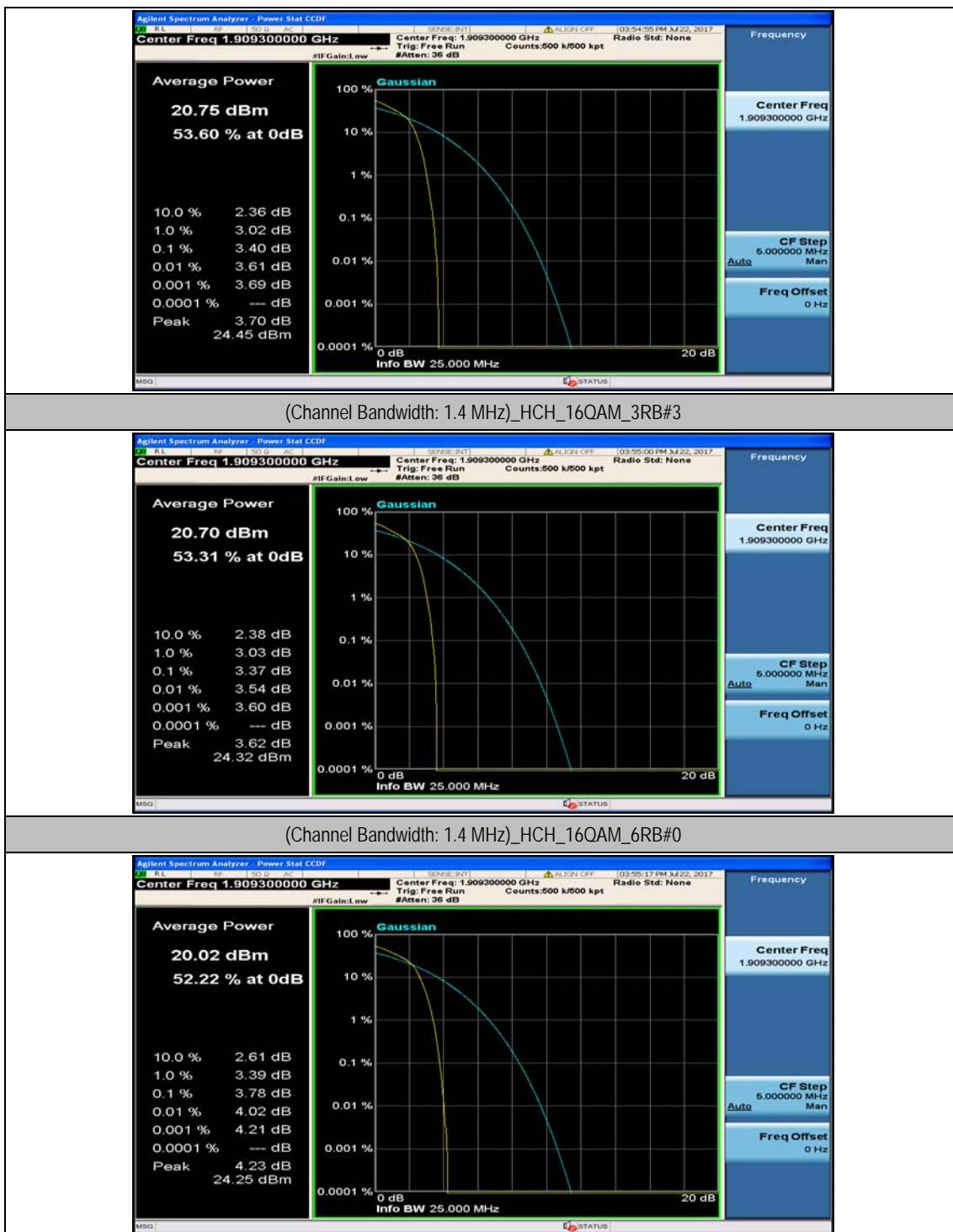






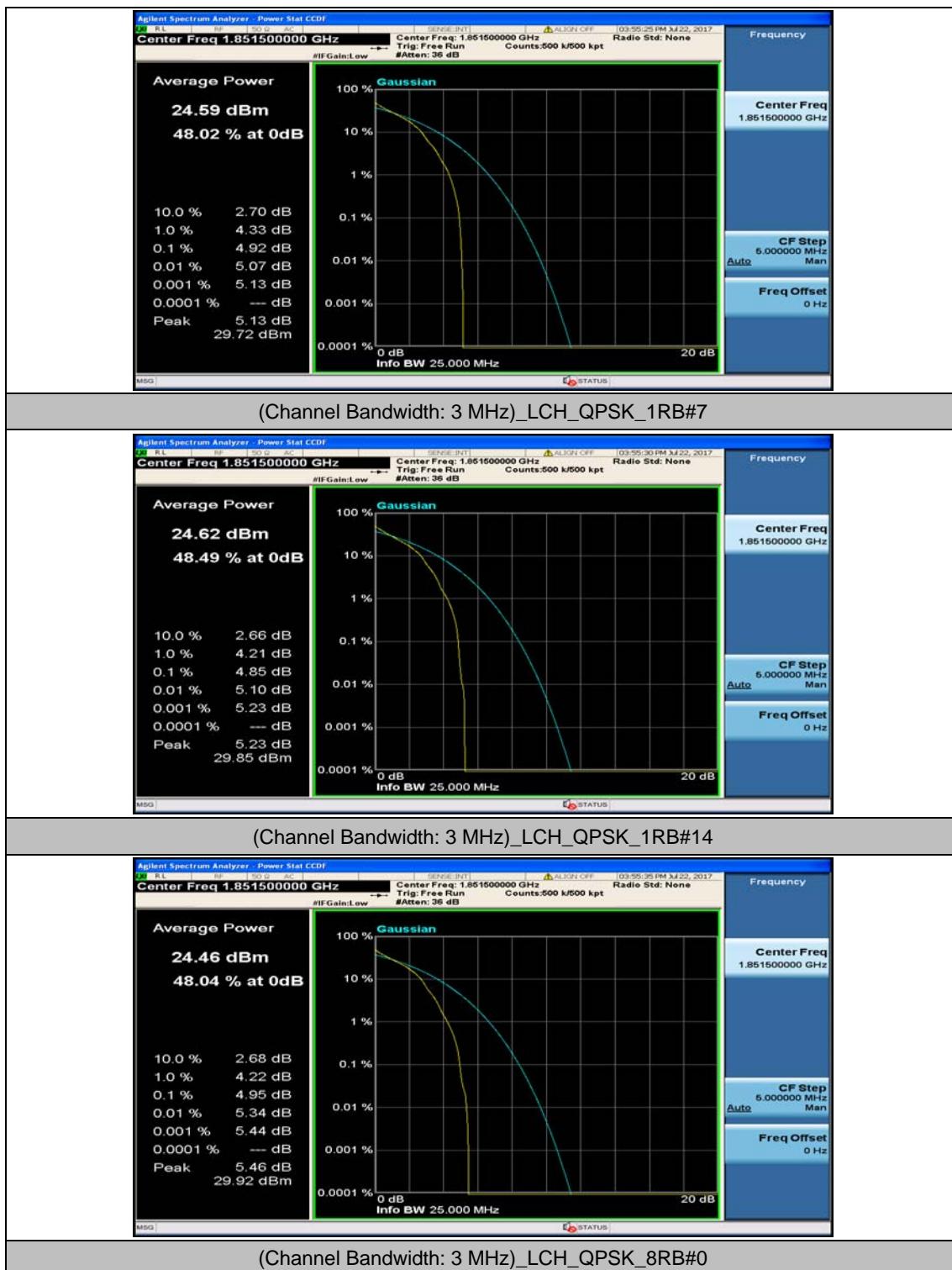


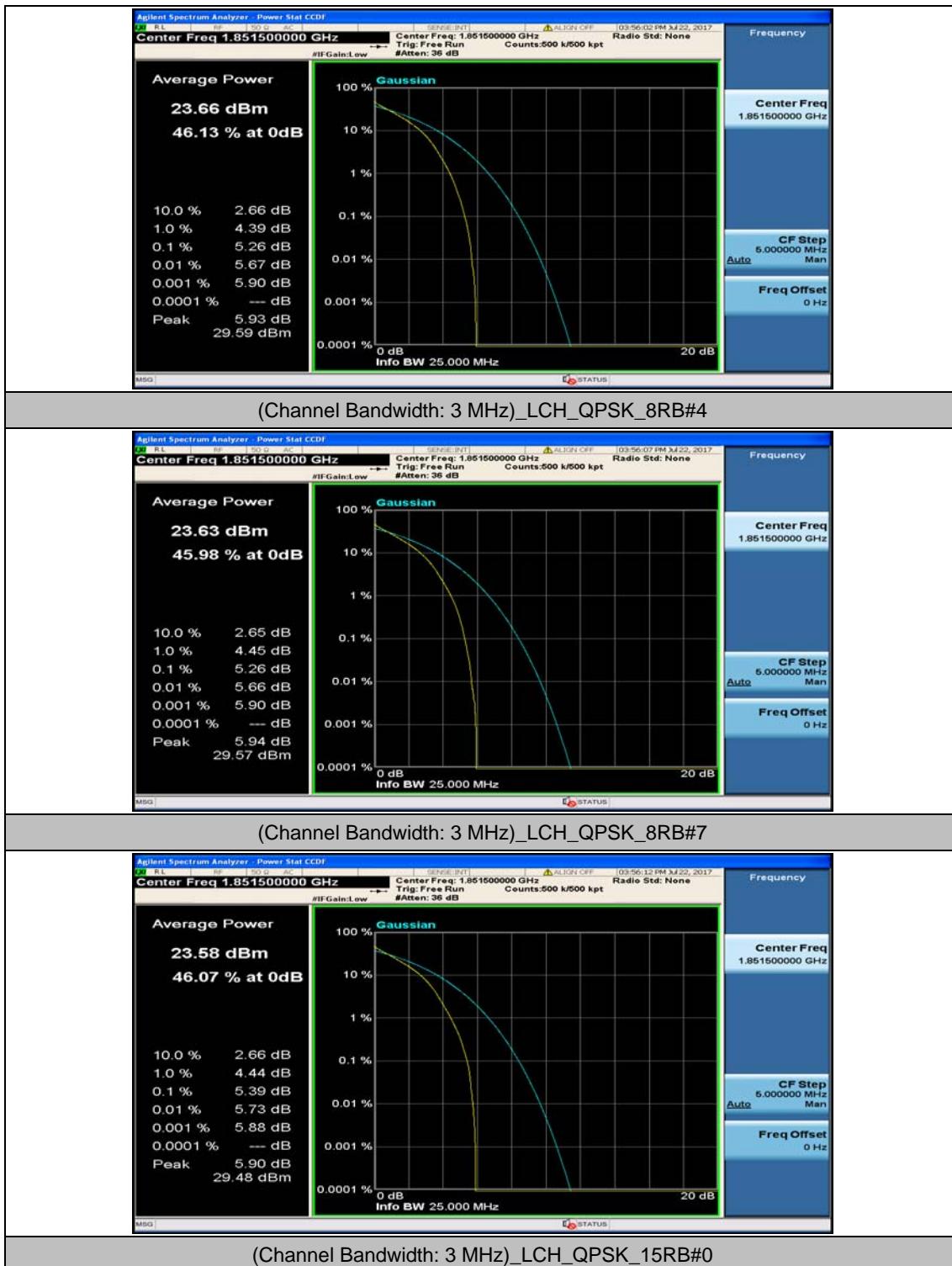


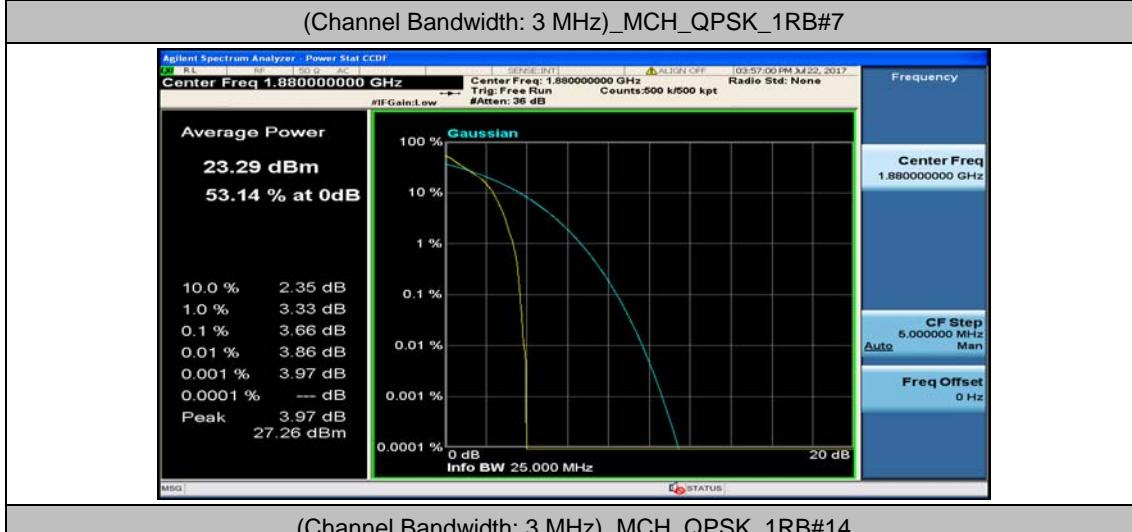
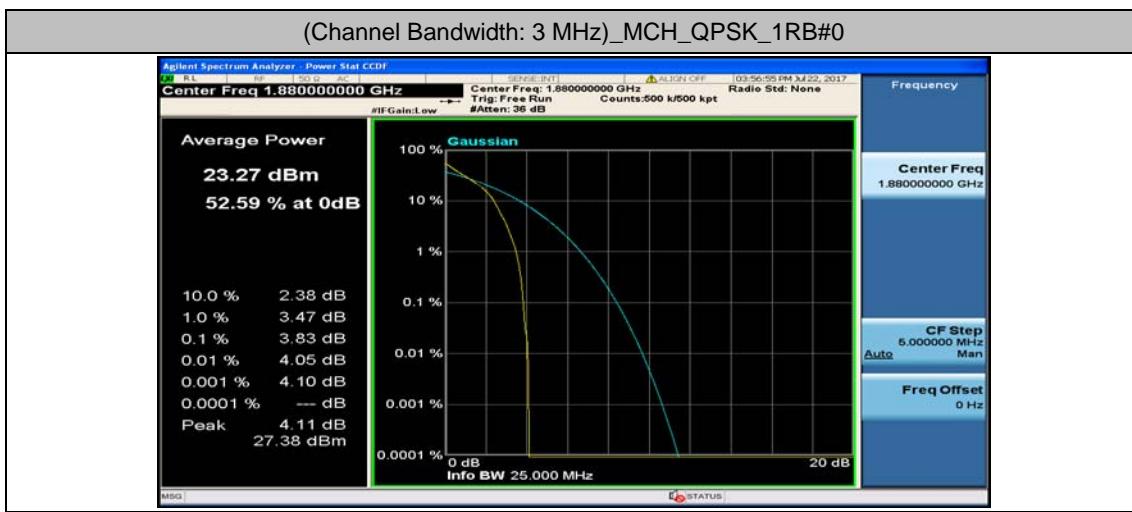
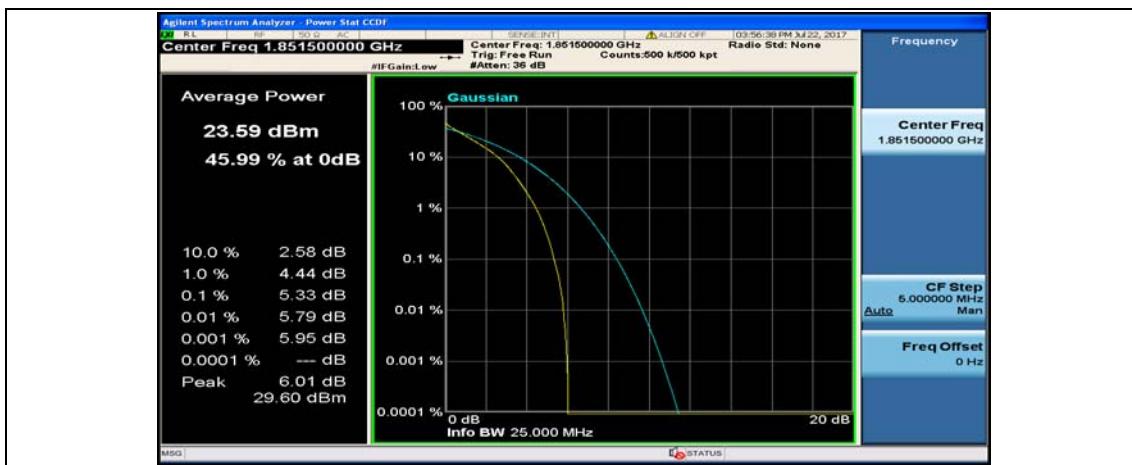


Channel Bandwidth: 3 MHz

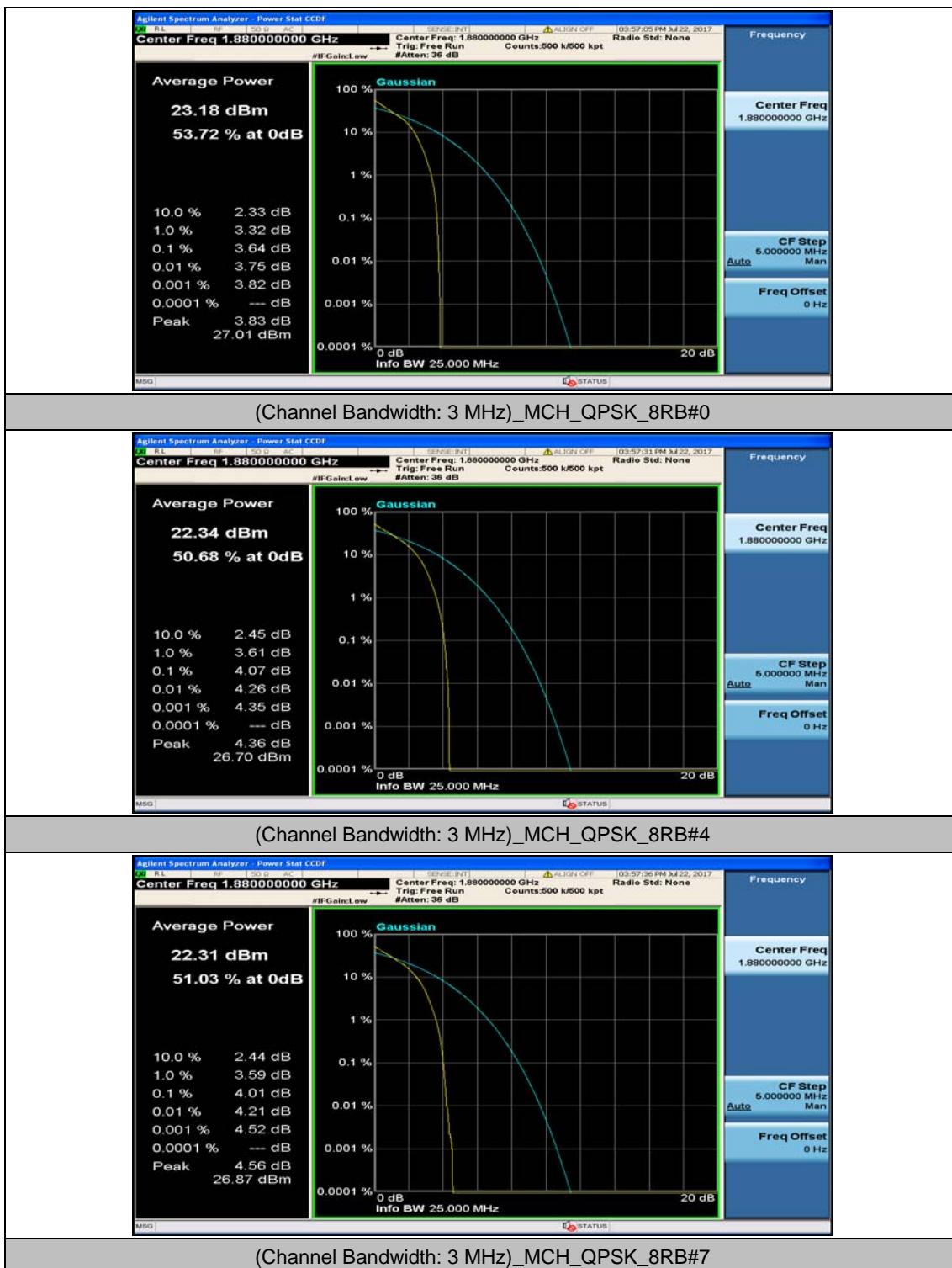
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0

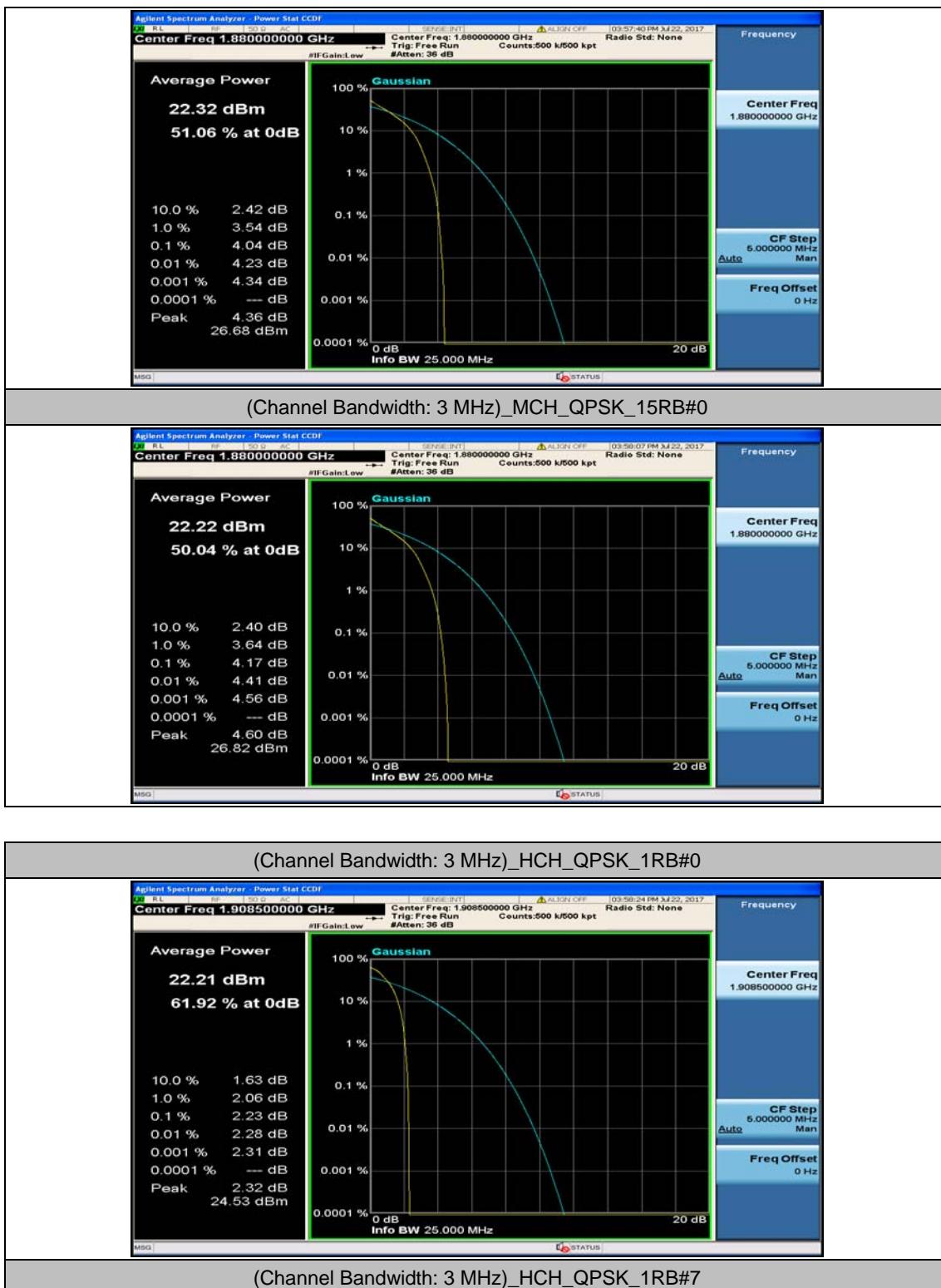


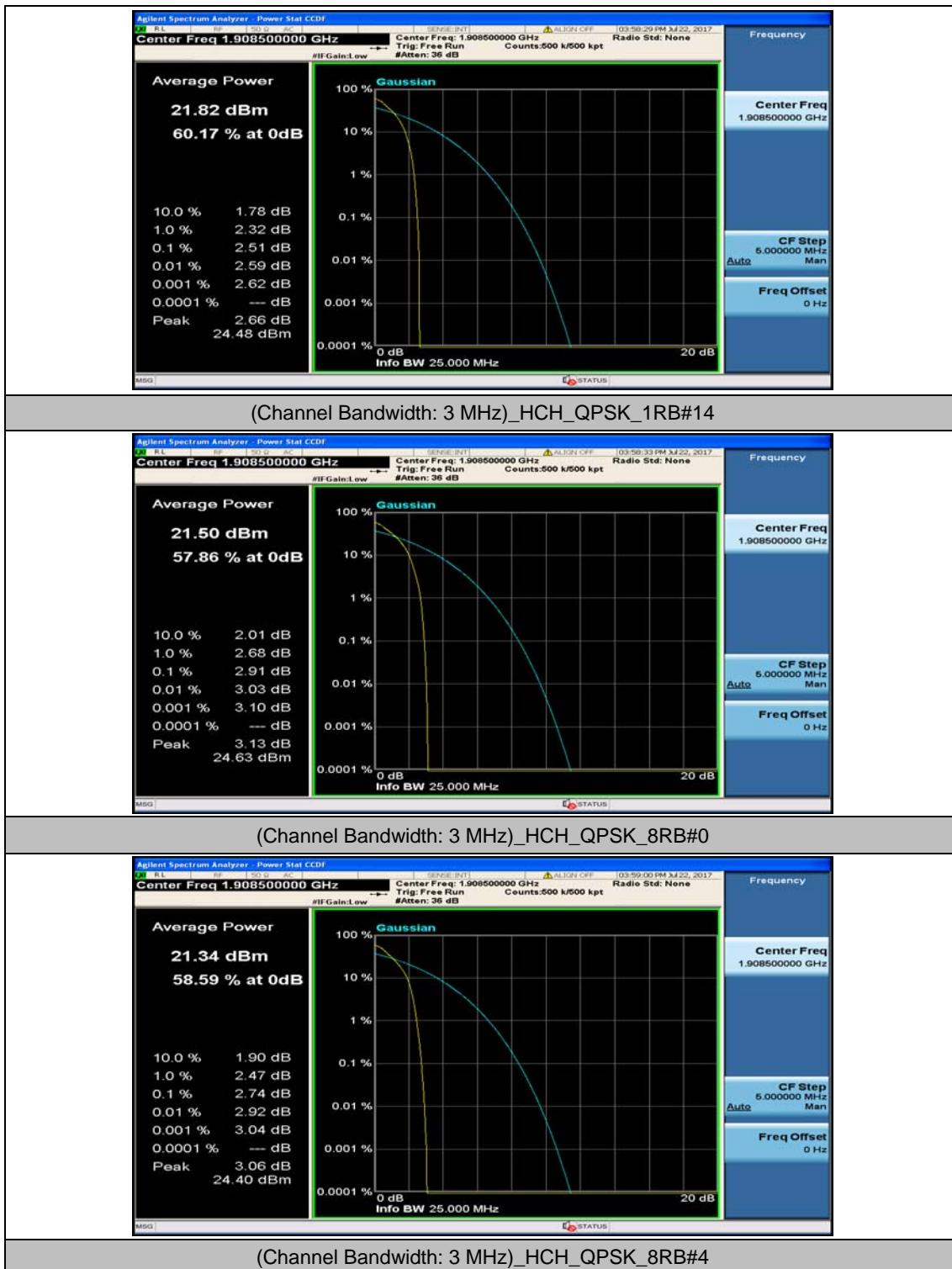


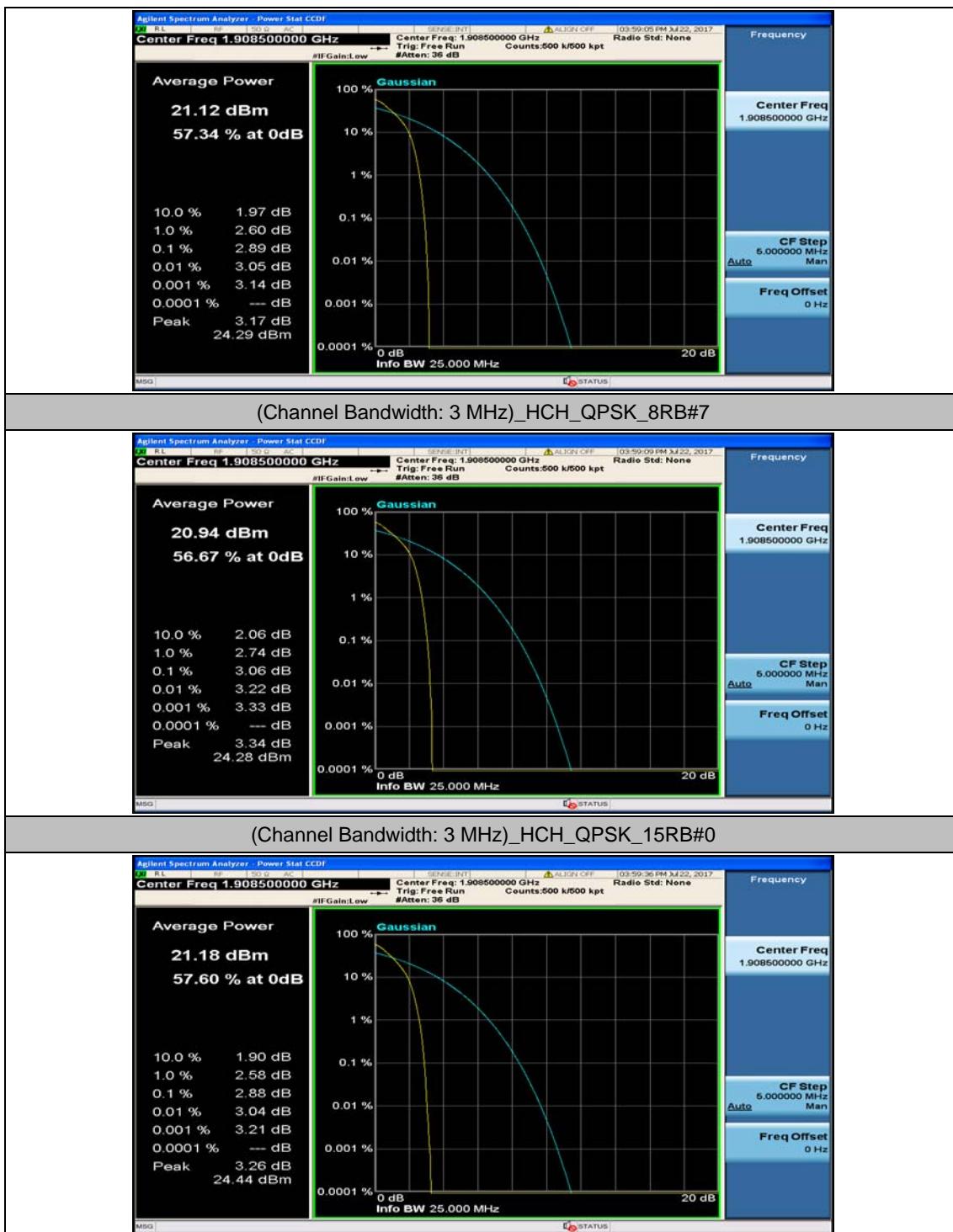


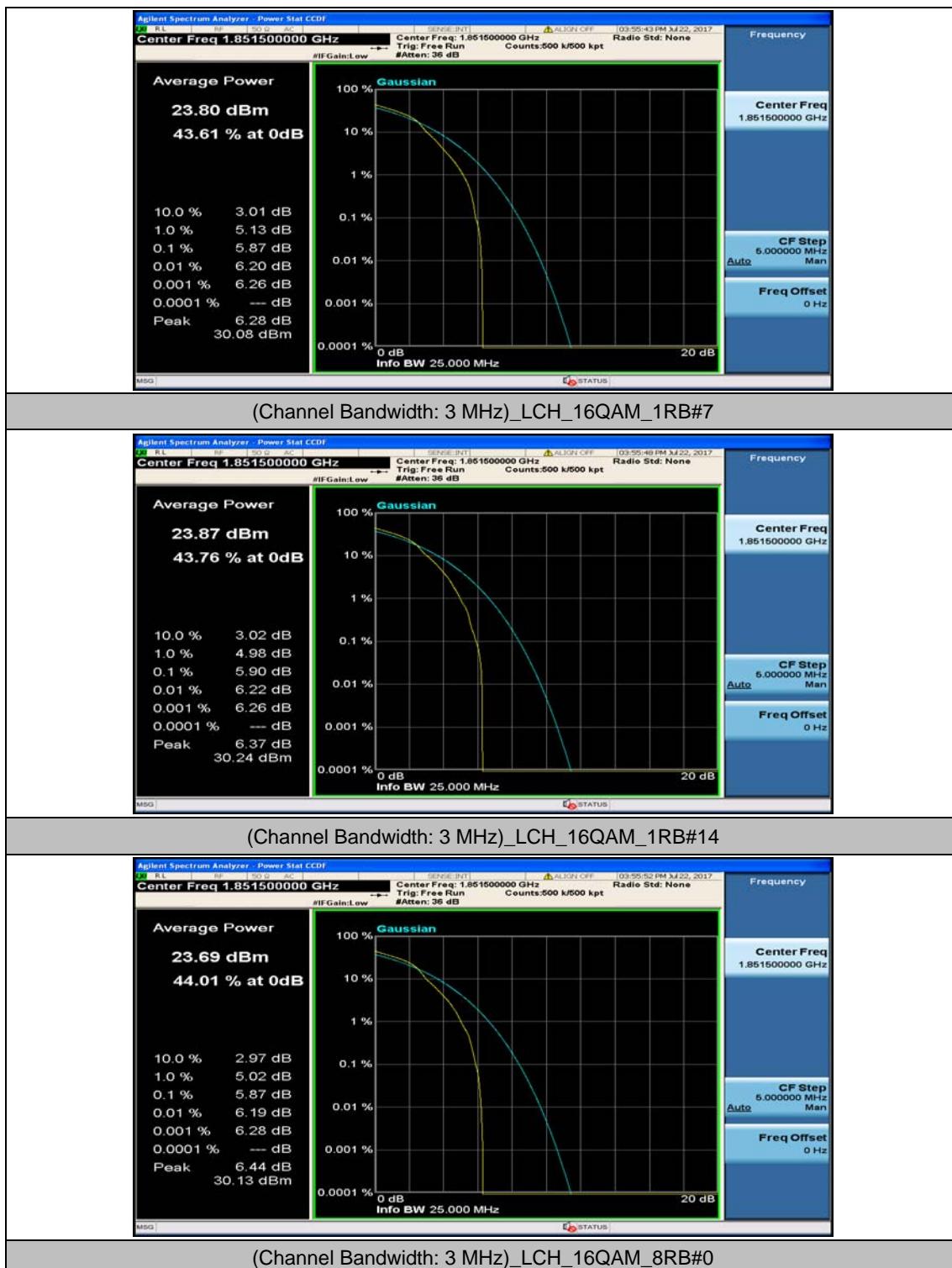
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14

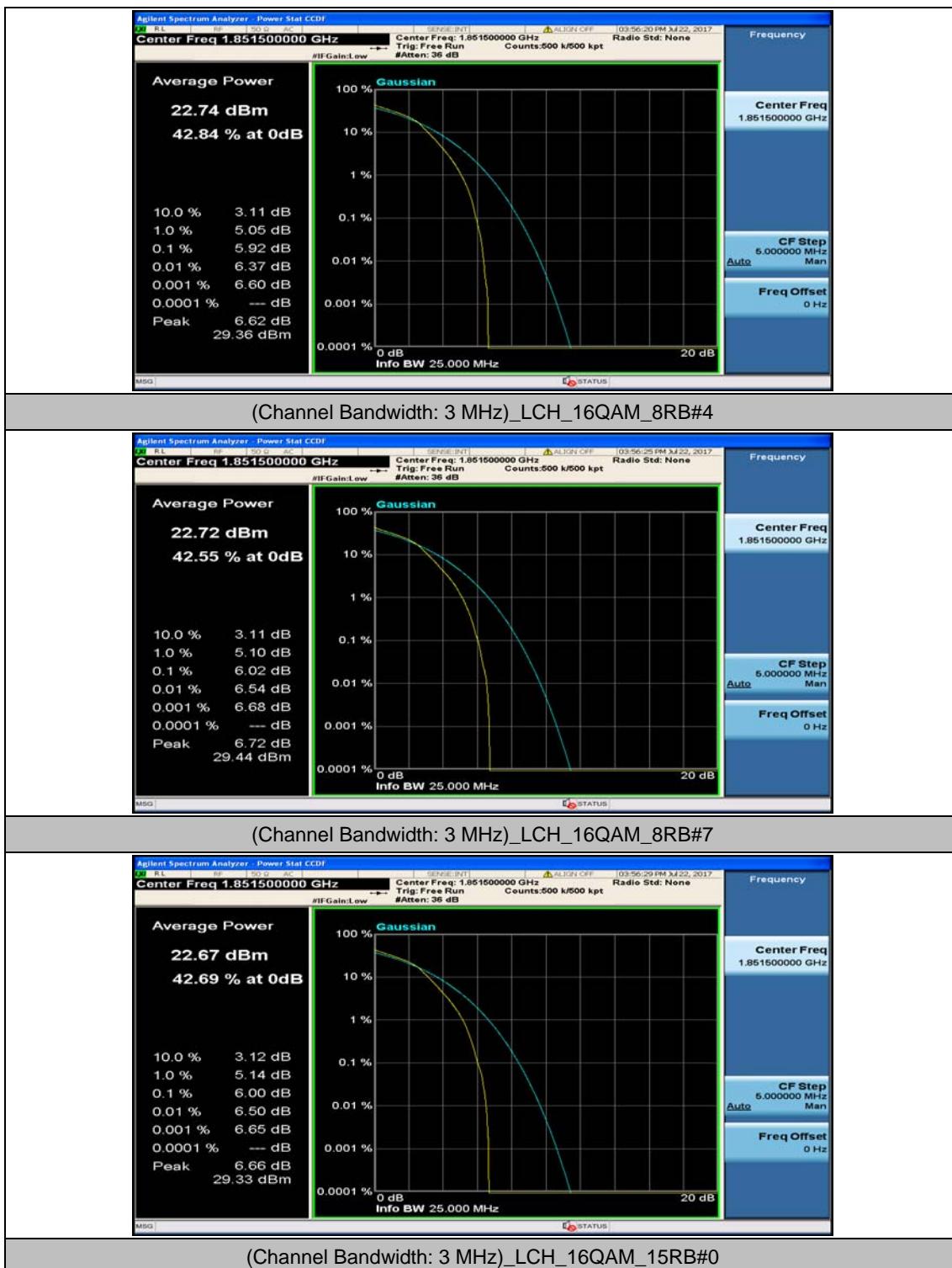


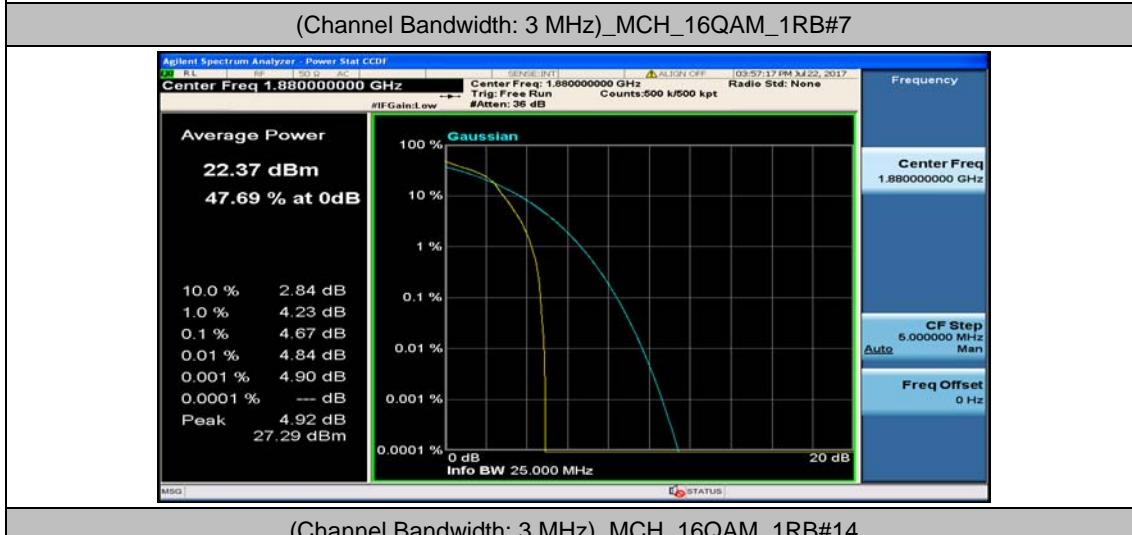
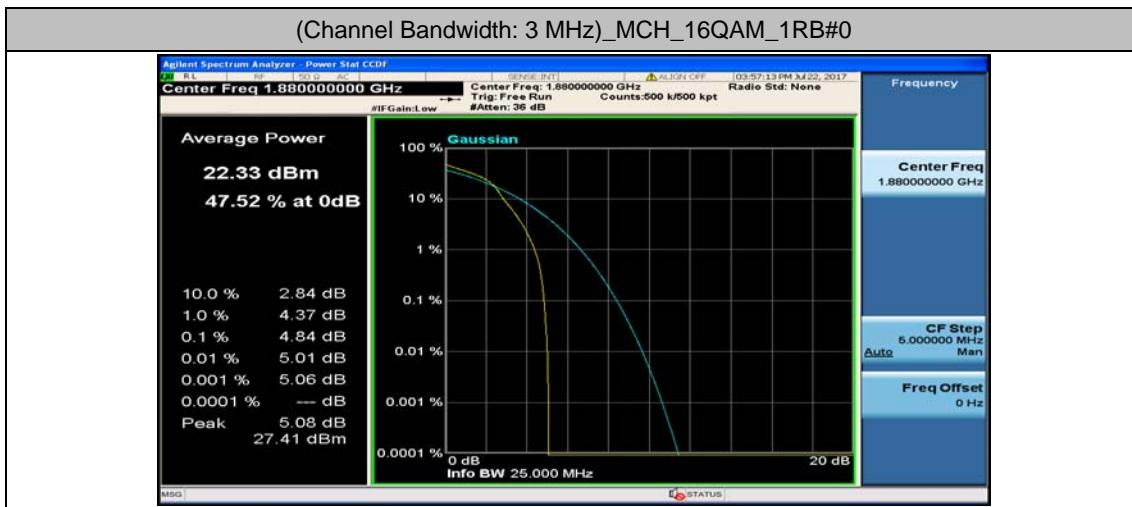
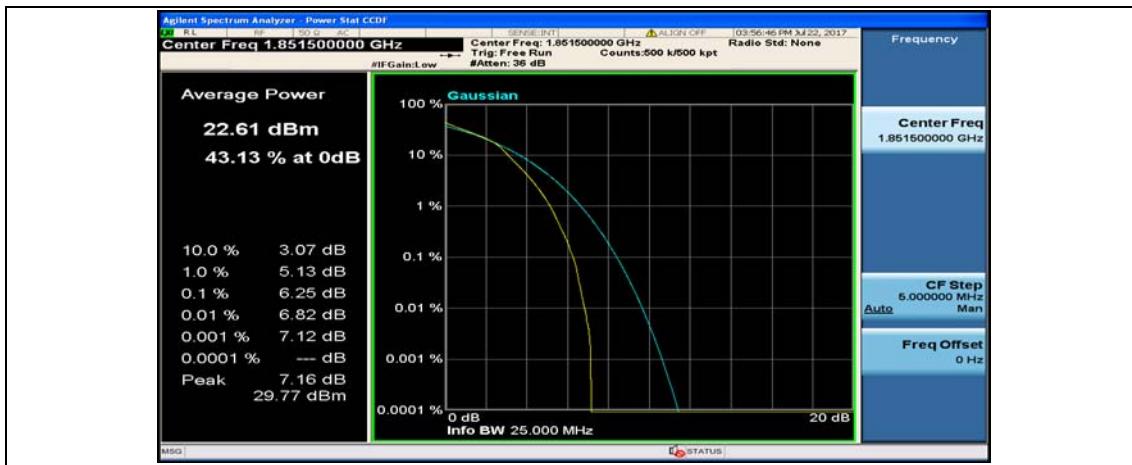




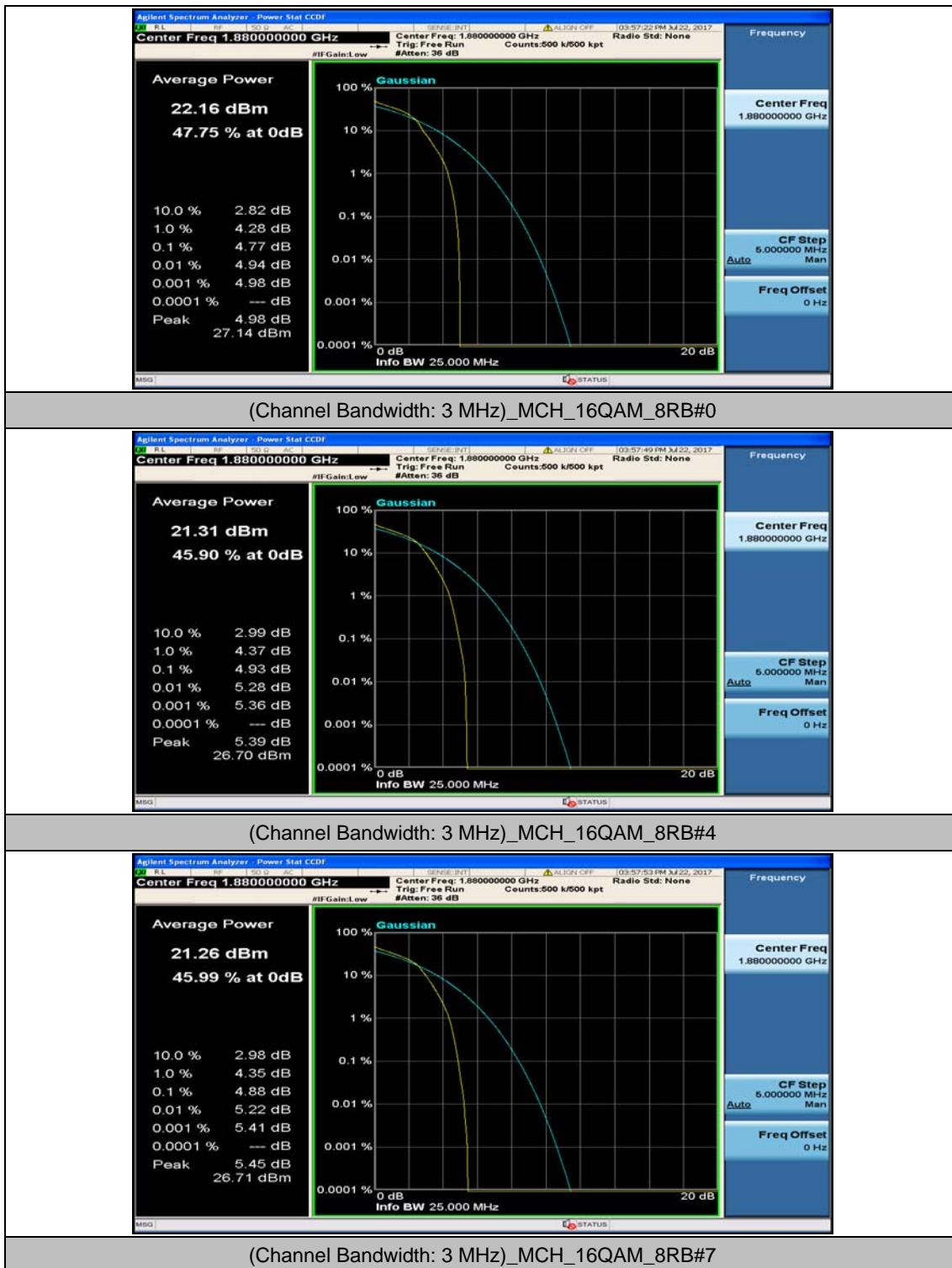


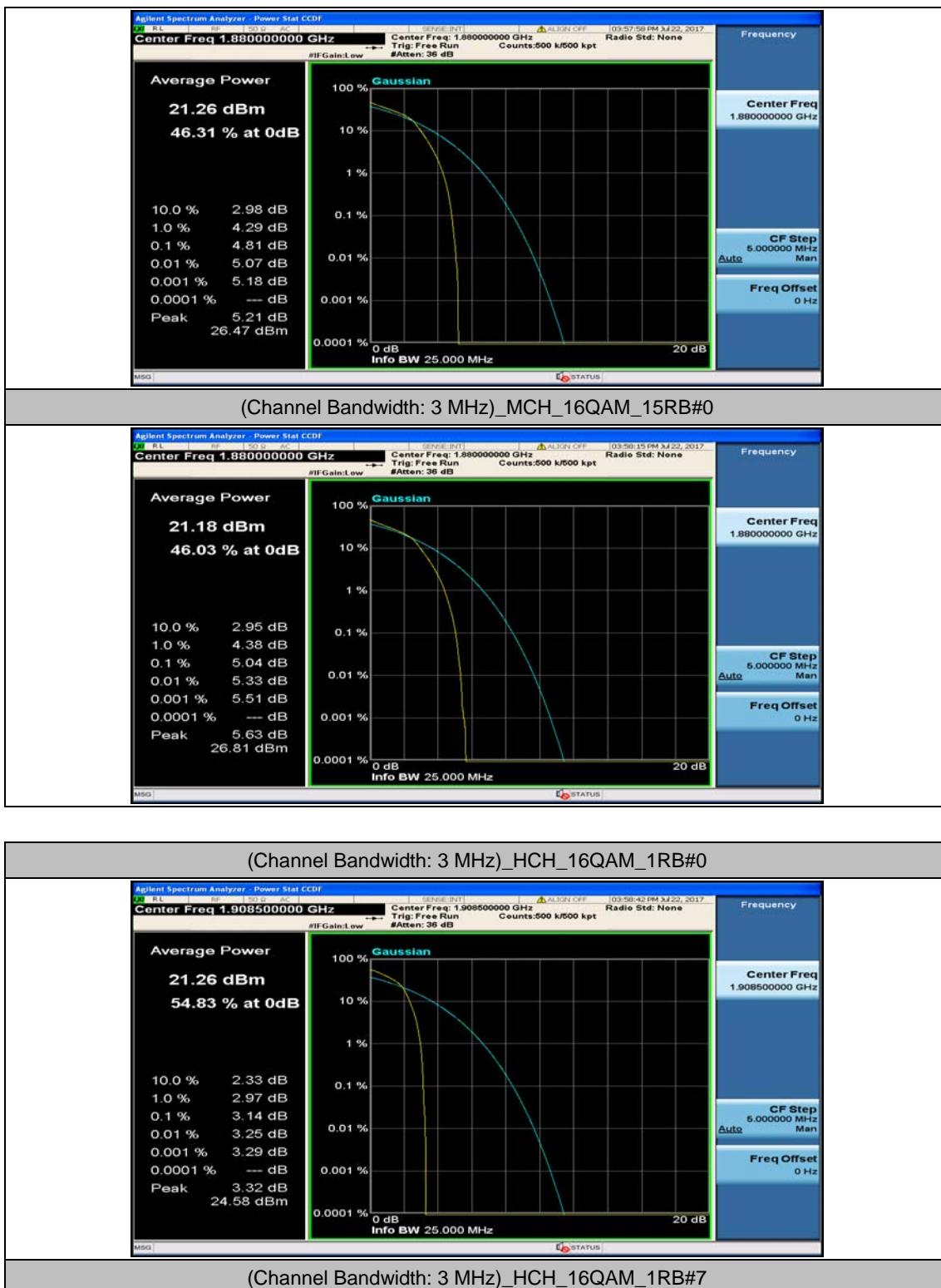


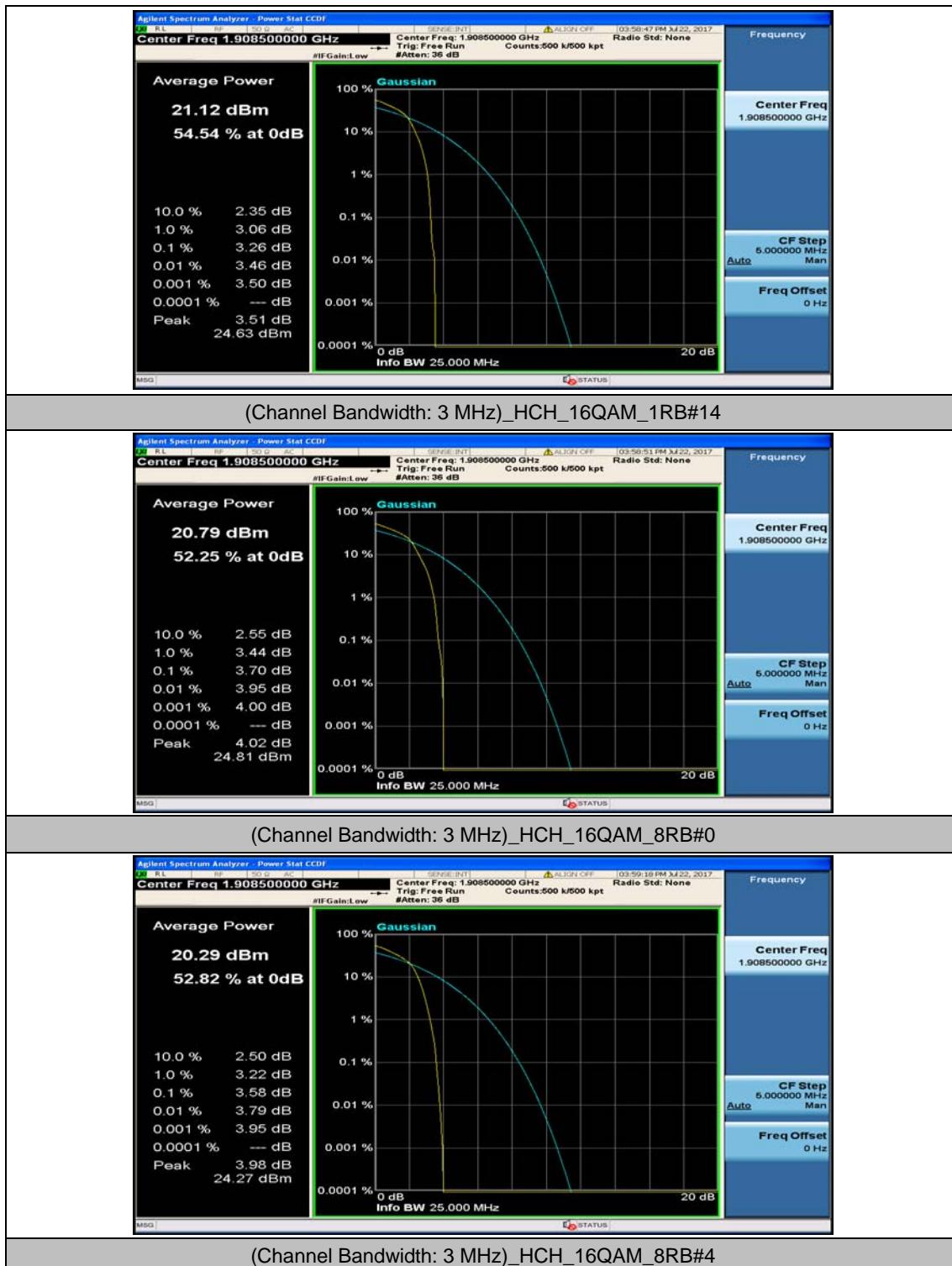


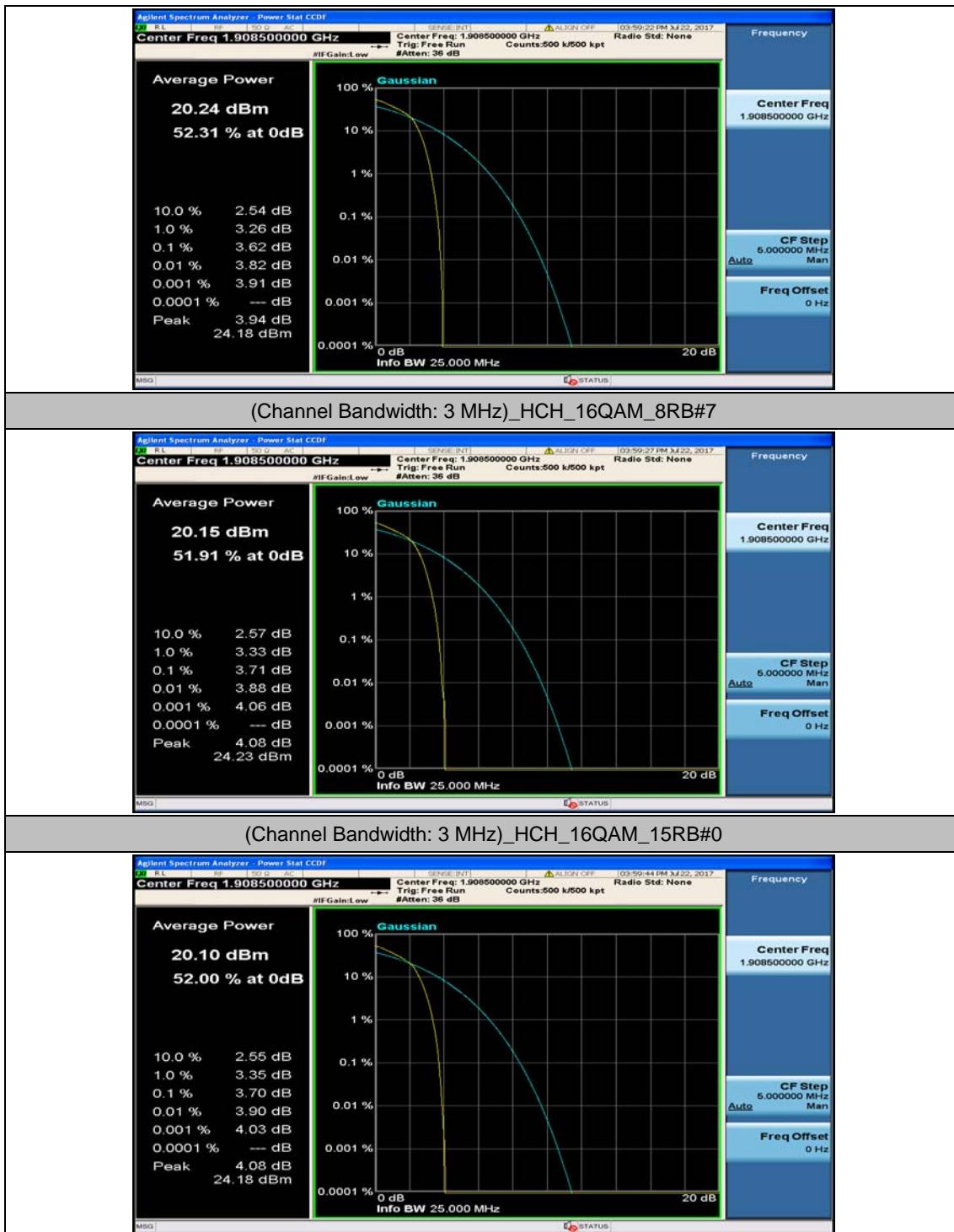


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14



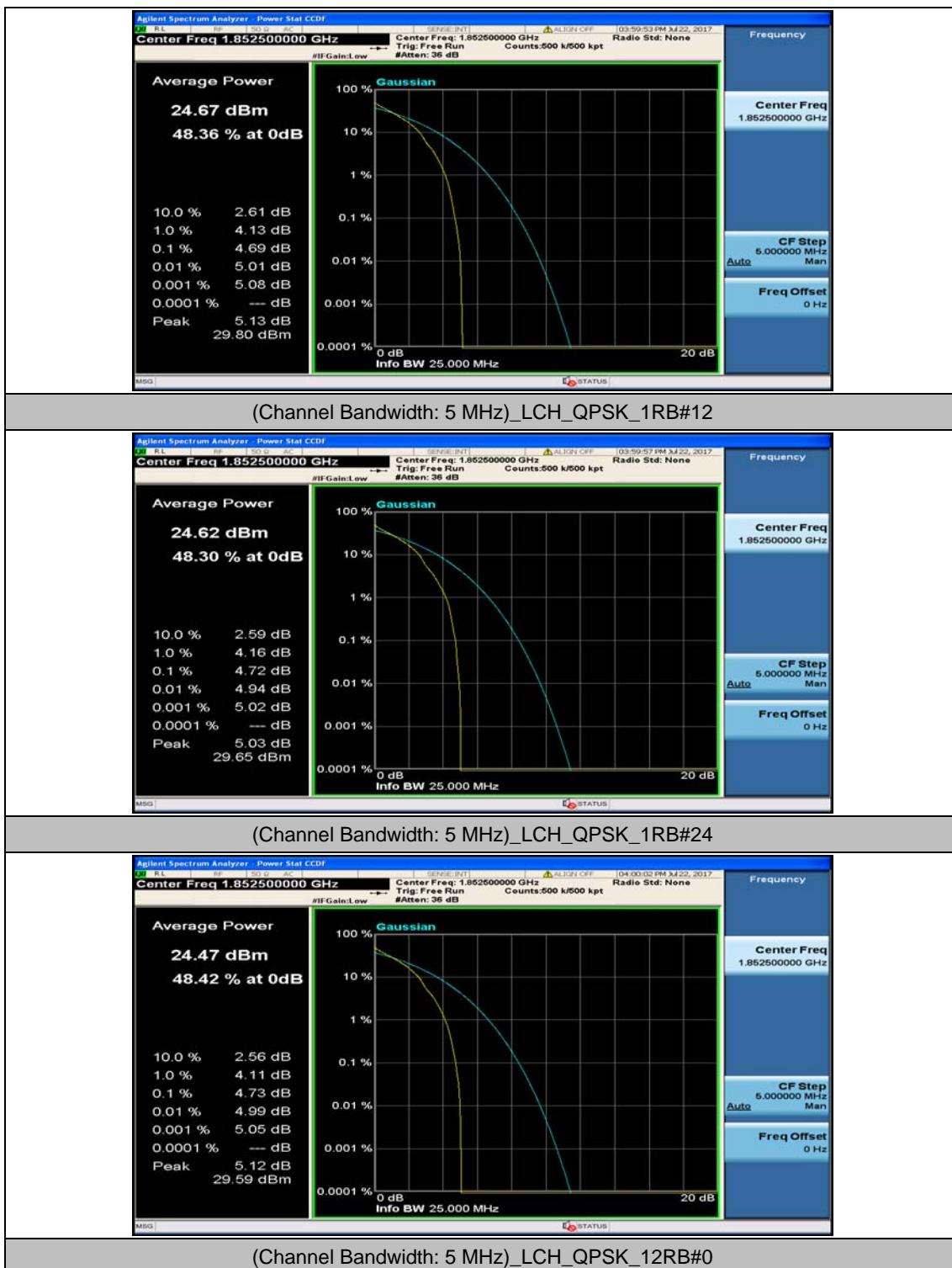


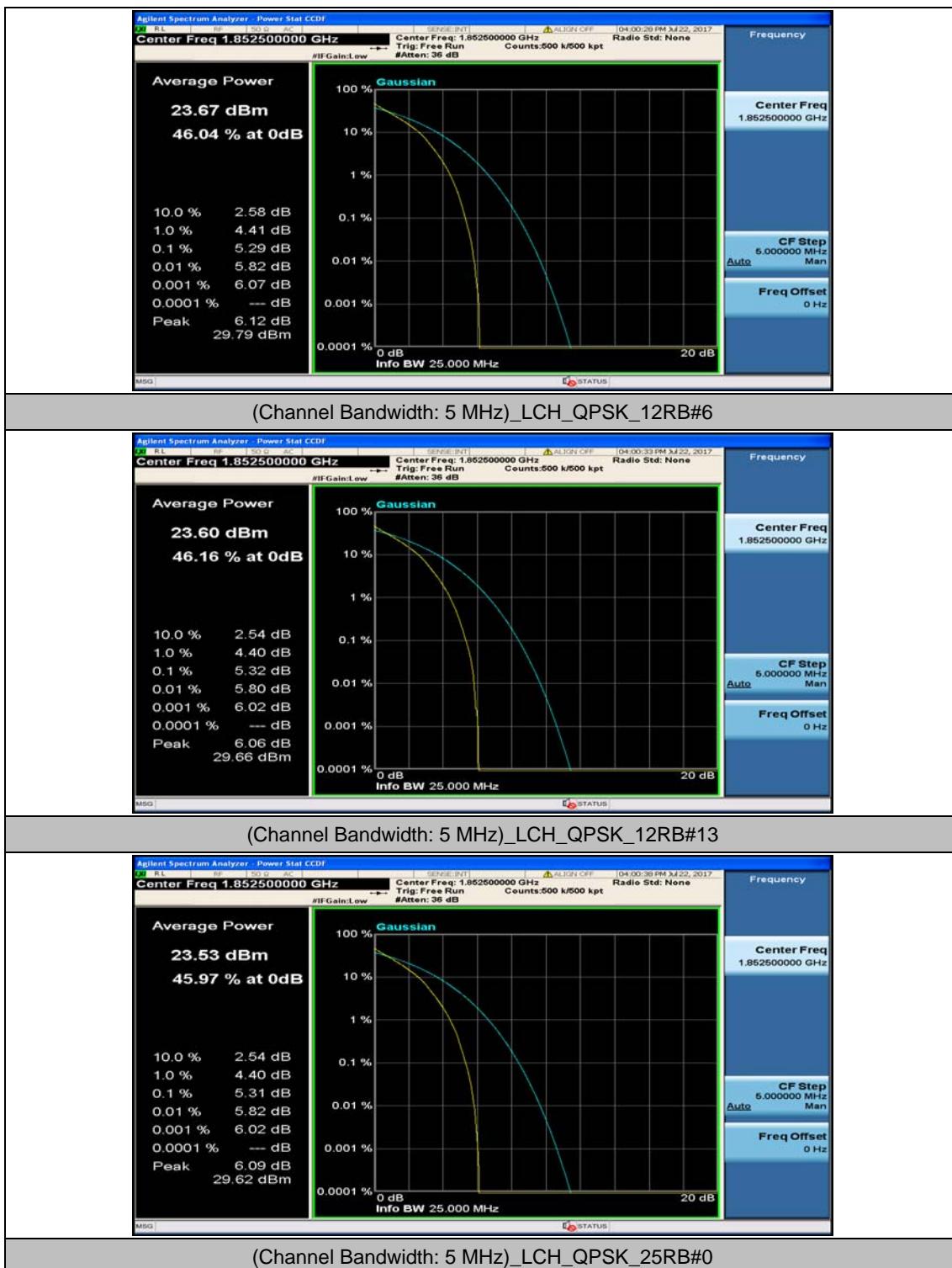


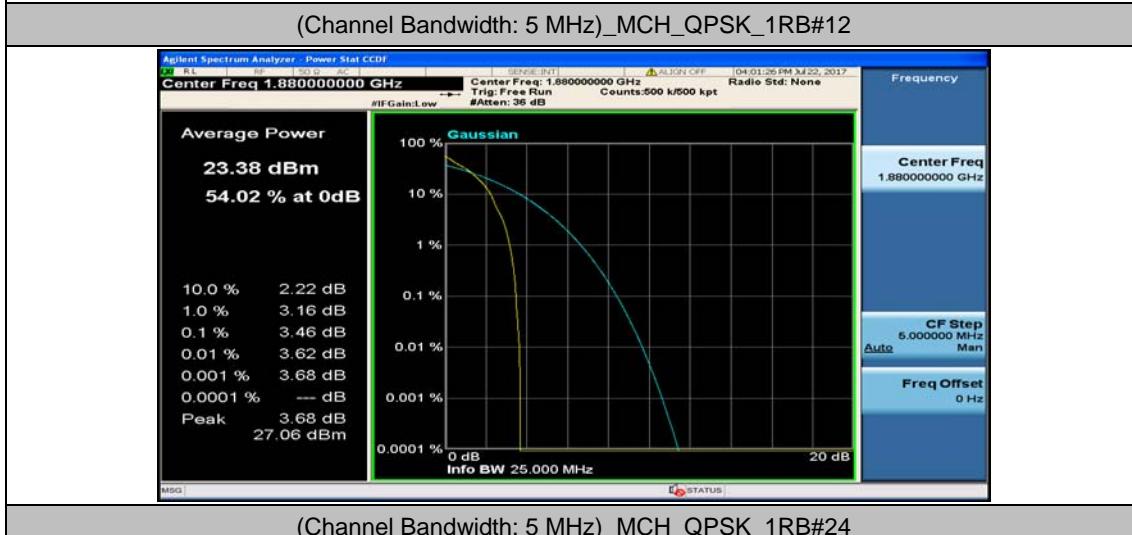
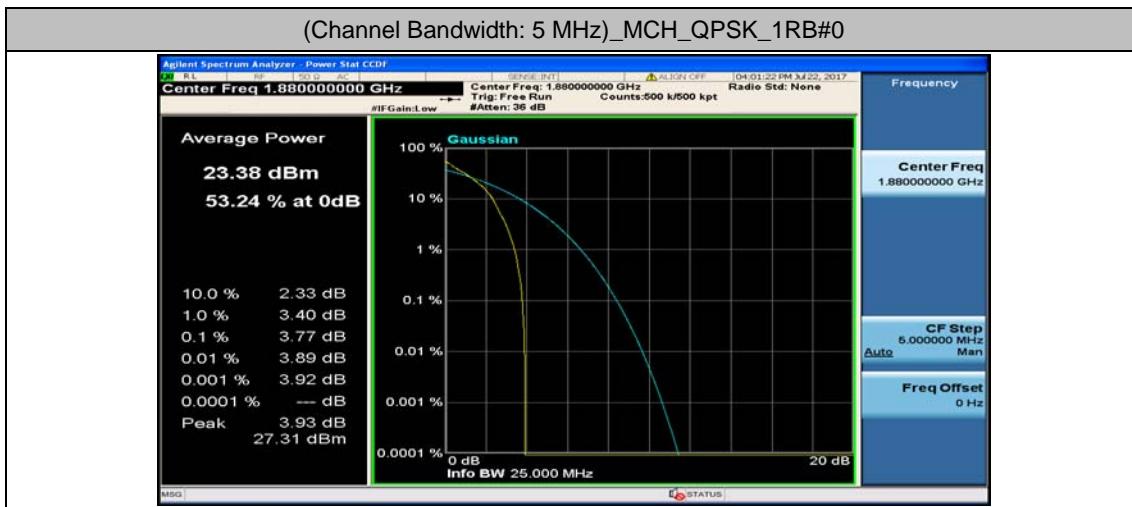
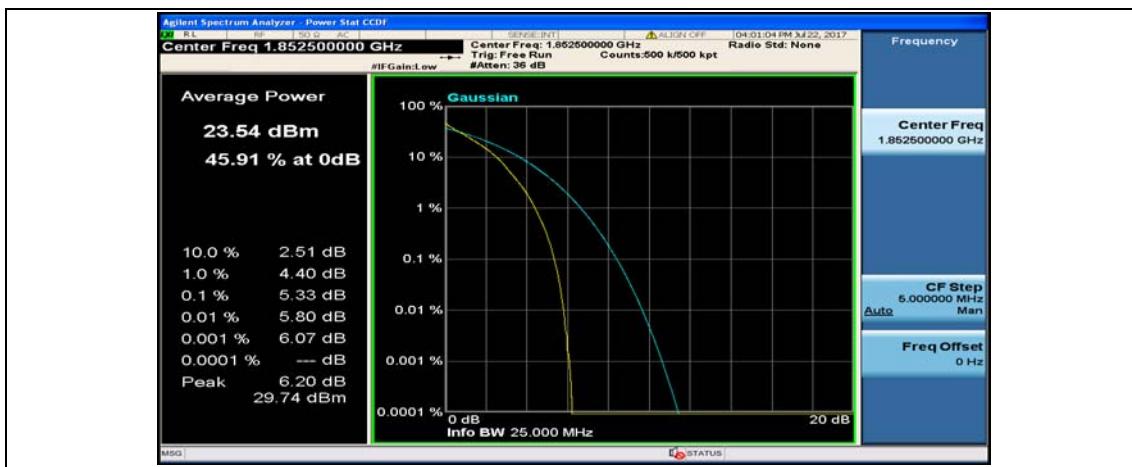


Channel Bandwidth: 5 MHz

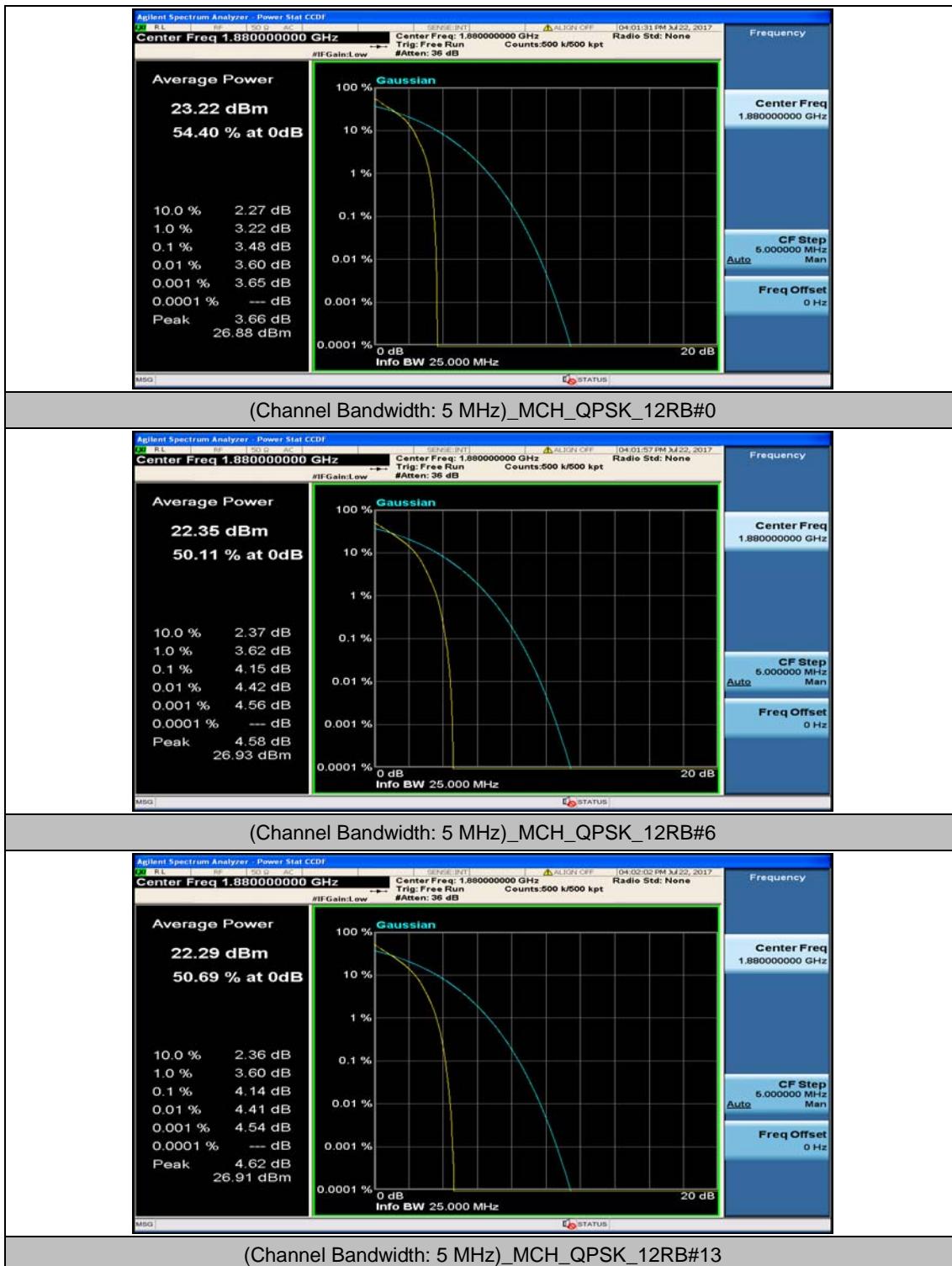
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0

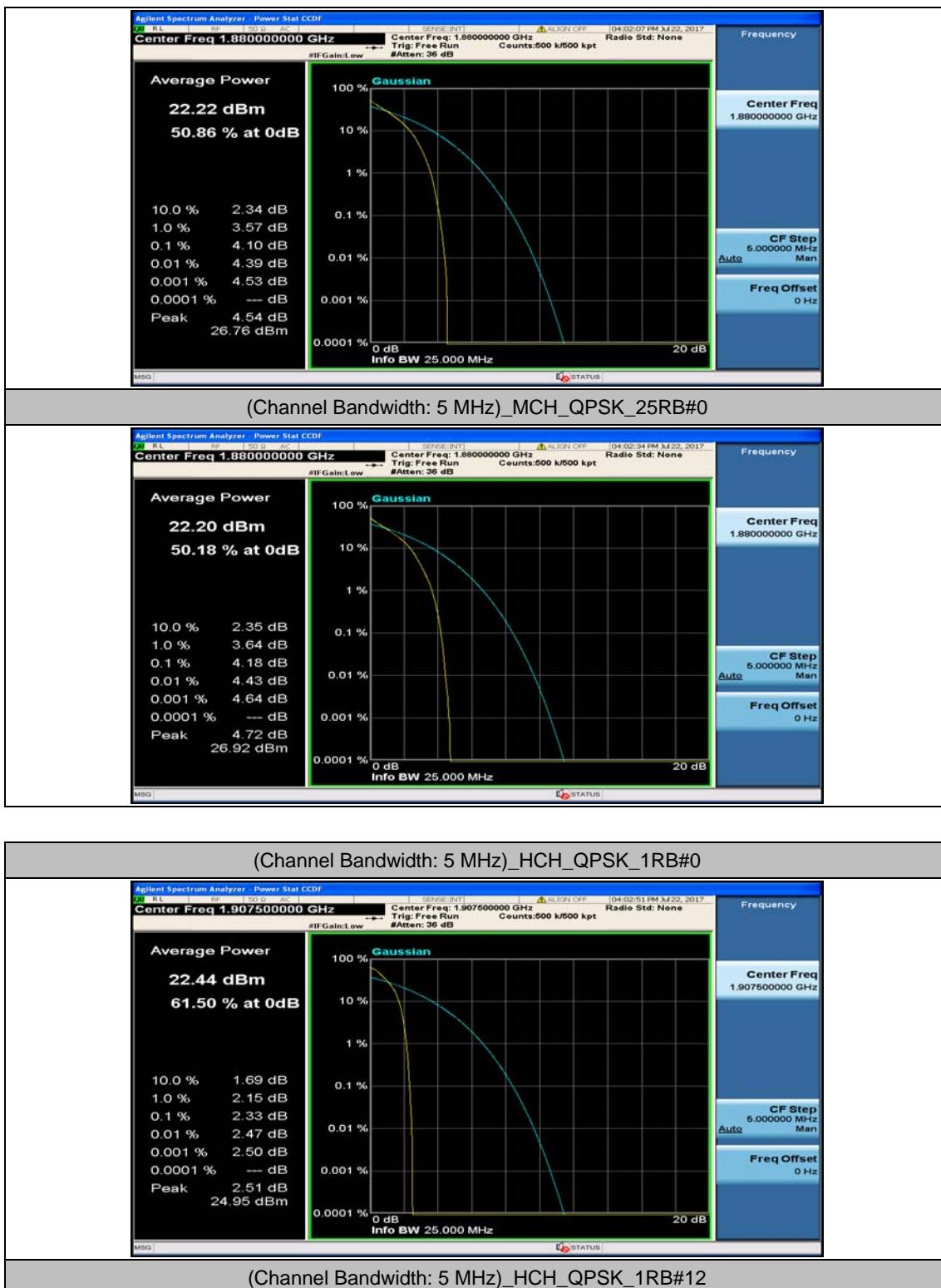


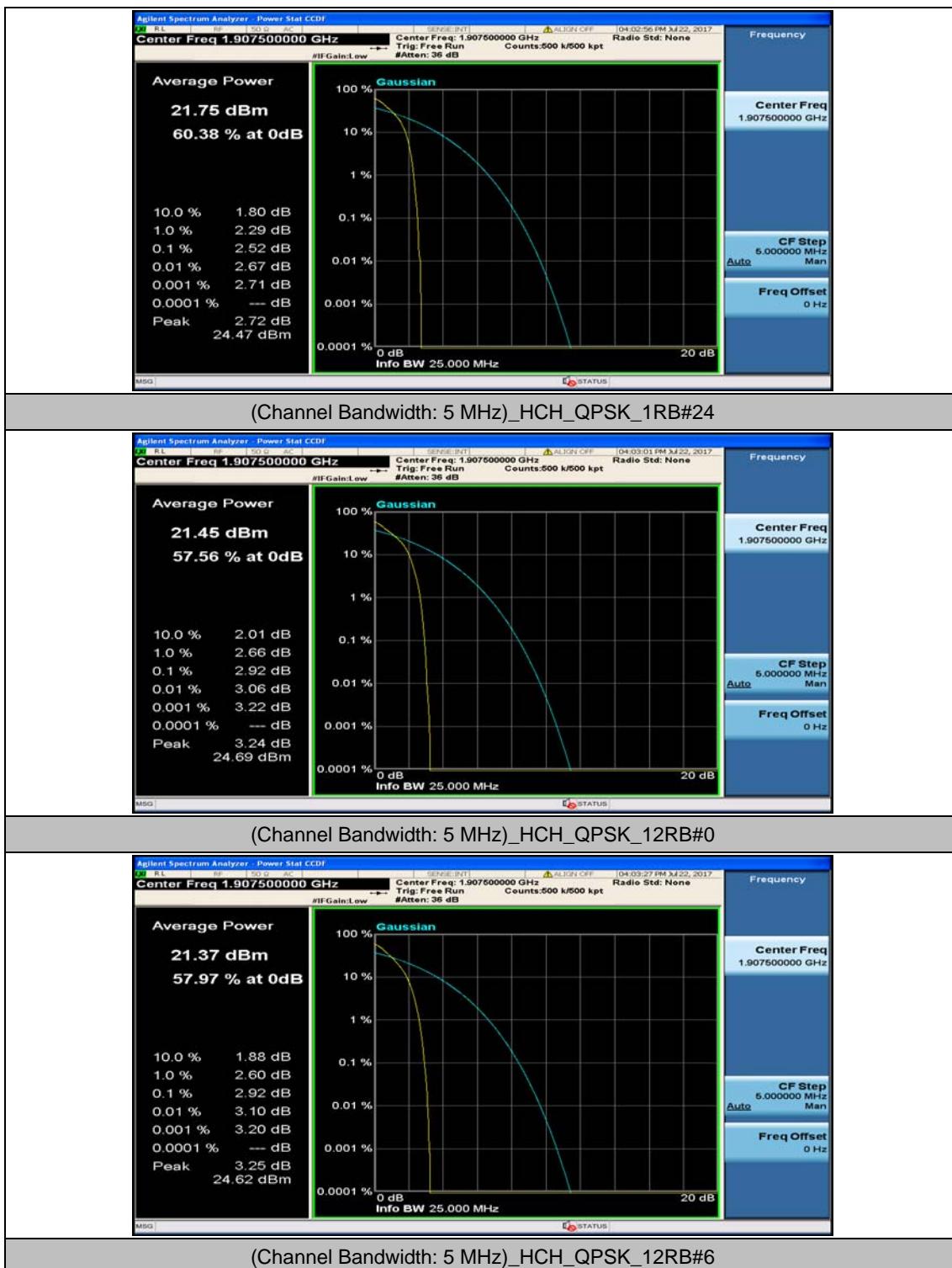


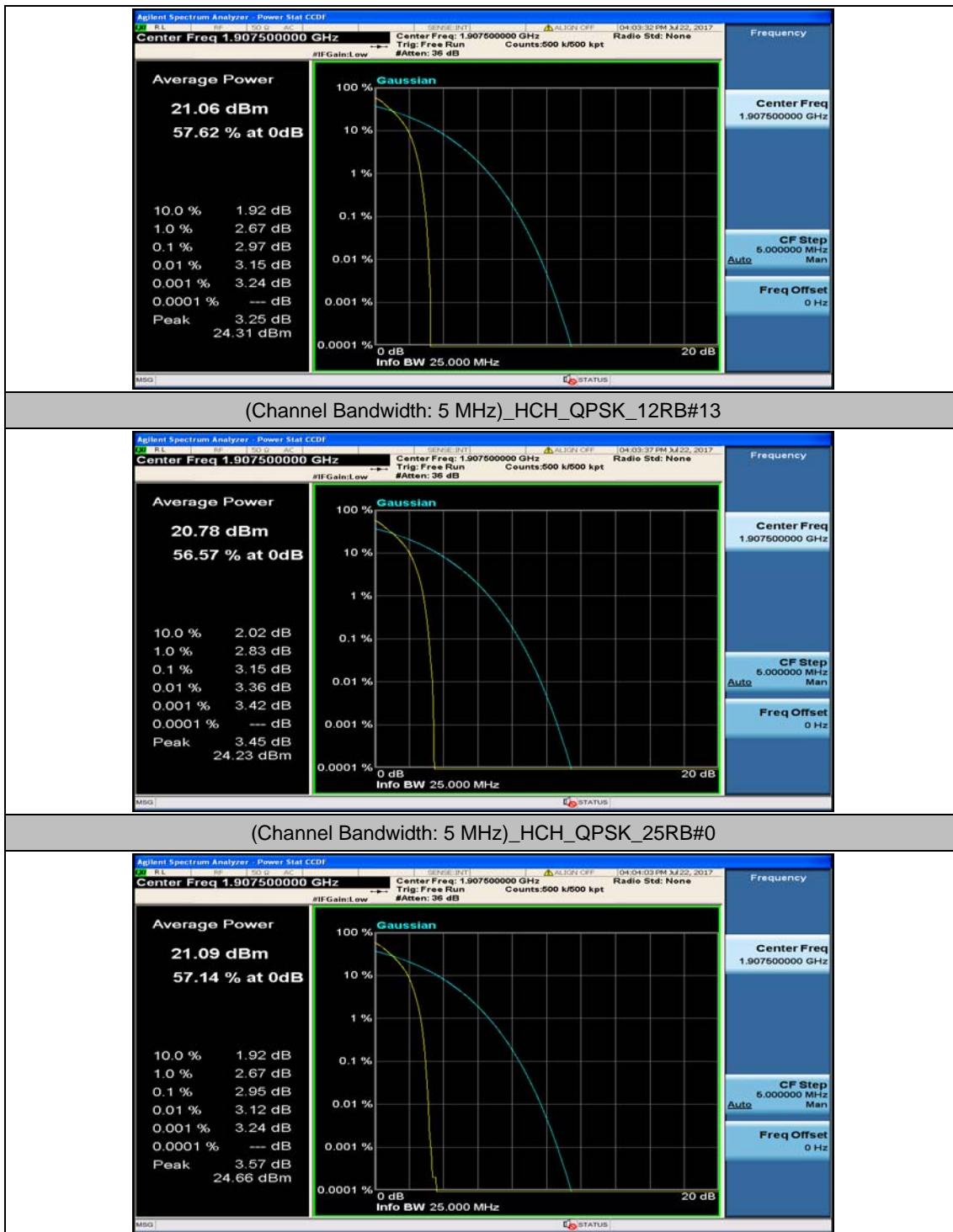


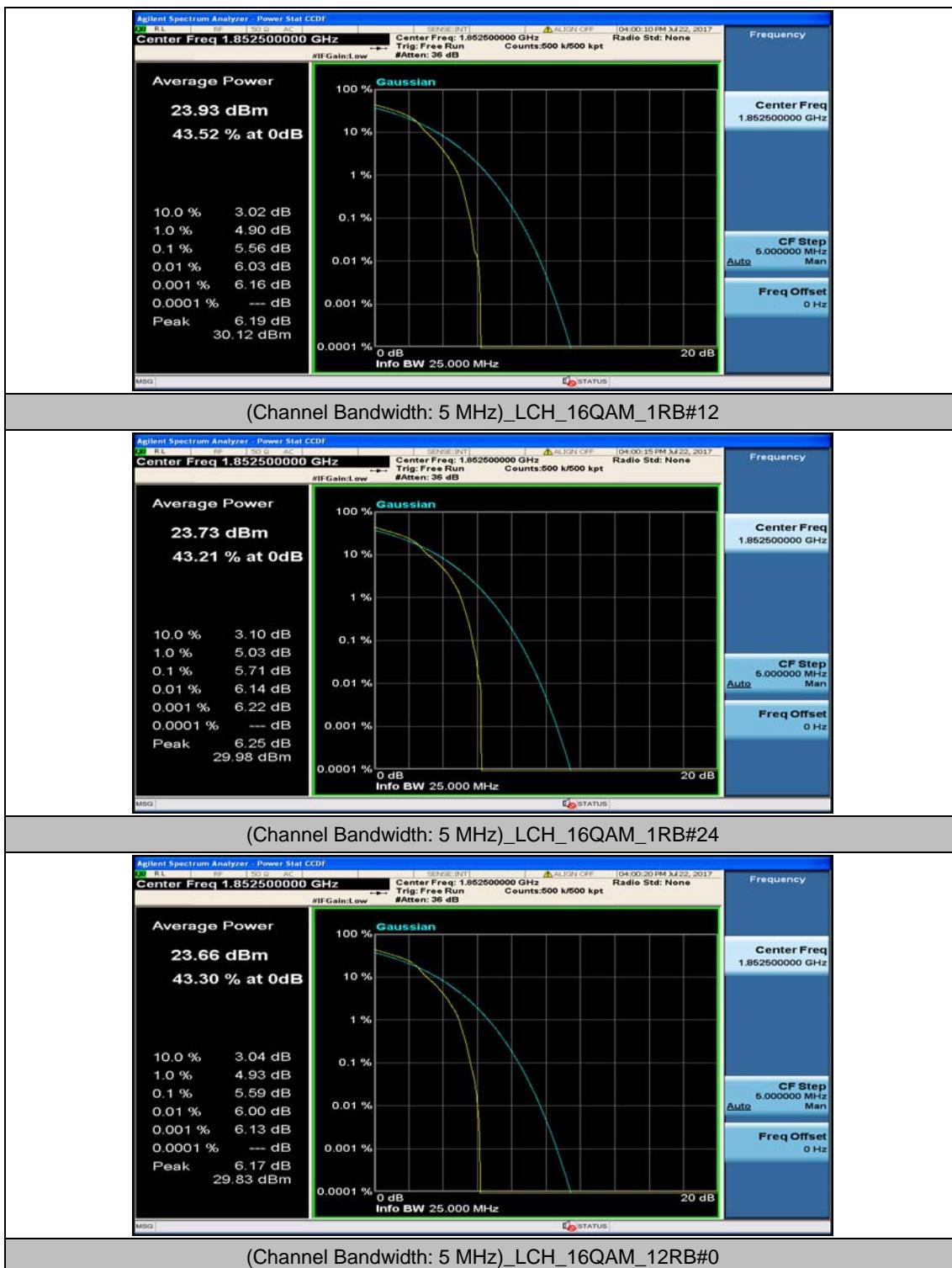
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24

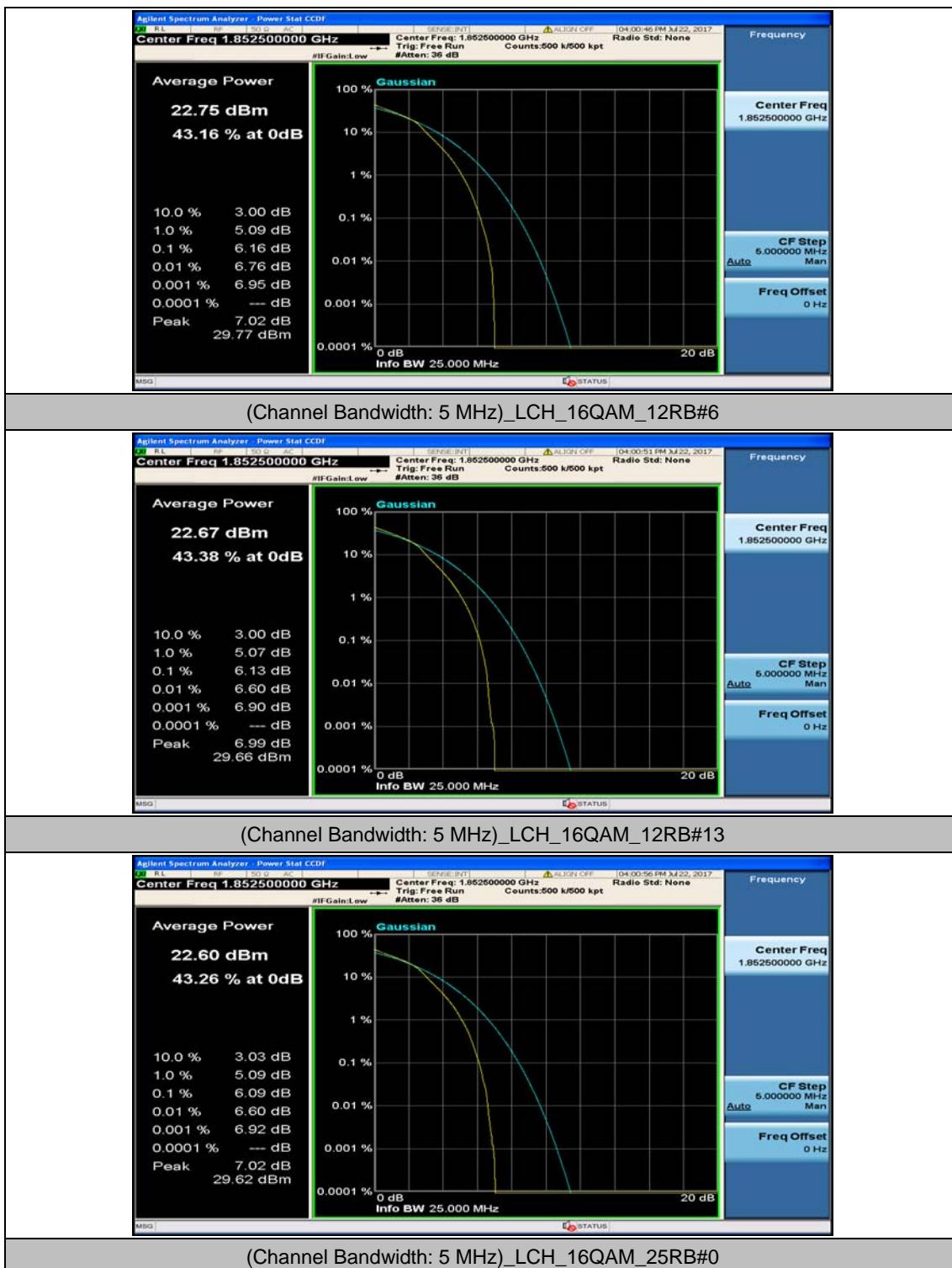


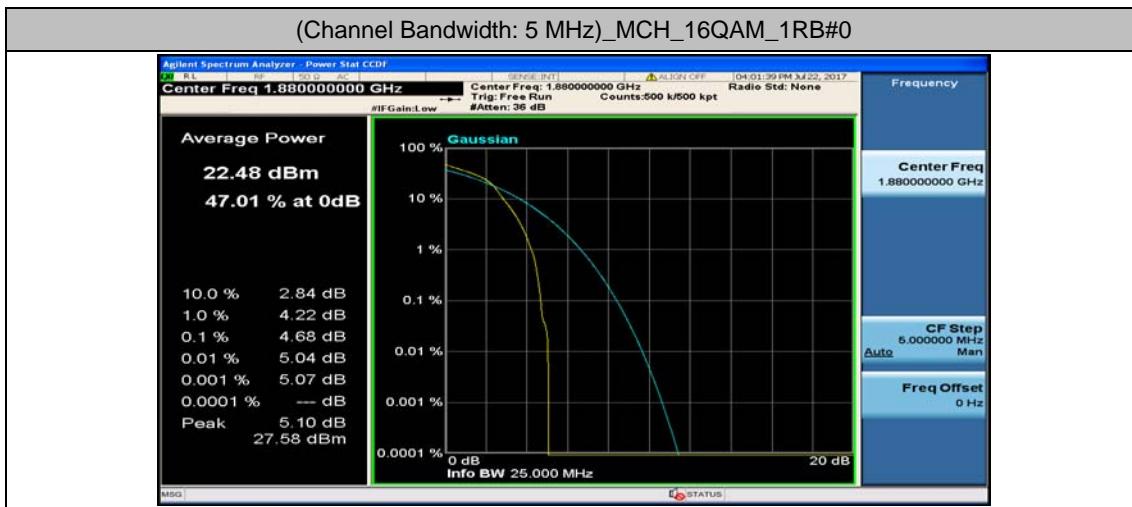
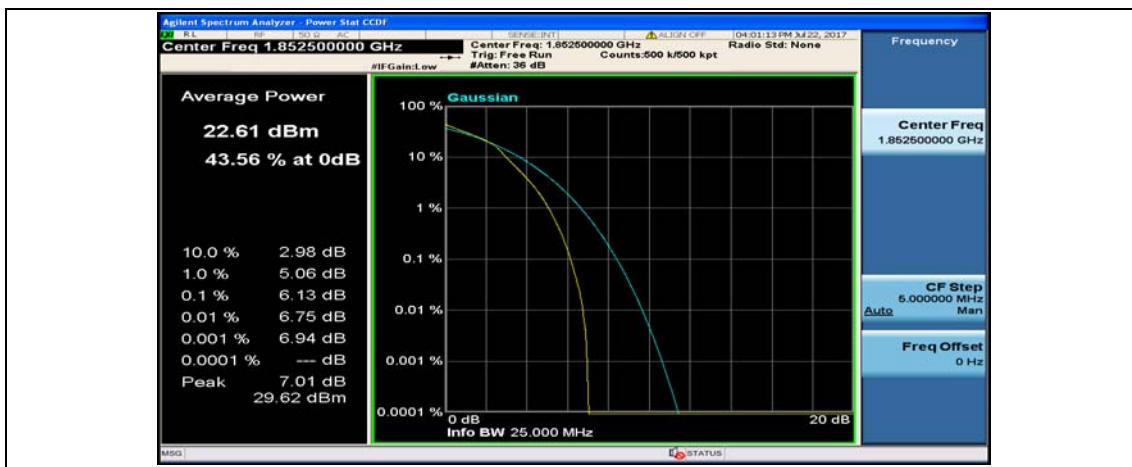












(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24

