

Appendix for Band 17

Appendix A: Average Power Output Data

Test Result

Channel Bandwidth: 5 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.75	PASS
		1	12	23.73	PASS
		1	24	23.68	PASS
		12	0	22.64	PASS
		12	6	22.78	PASS
		12	13	22.78	PASS
		25	0	22.71	PASS
	MCH	1	0	23.77	PASS
		1	12	23.71	PASS
		1	24	23.77	PASS
		12	0	22.81	PASS
		12	6	22.79	PASS
		12	13	22.76	PASS
		25	0	22.75	PASS
16QAM	HCH	1	0	23.67	PASS
		1	12	23.75	PASS
		1	24	23.75	PASS
		12	0	22.77	PASS
		12	6	22.76	PASS
		12	13	22.82	PASS
		25	0	22.68	PASS
	LCH	1	0	22.94	PASS
		1	12	23.11	PASS
		1	24	23.09	PASS
		12	0	21.81	PASS
		12	6	21.91	PASS
		12	13	21.94	PASS
		25	0	21.74	PASS
	MCH	1	0	22.81	PASS
		1	12	22.87	PASS
		1	24	22.63	PASS
		12	0	21.81	PASS
		12	6	21.77	PASS

		12	13	21.76	PASS
		25	0	21.75	PASS
HCH		1	0	22.78	PASS
		1	12	22.79	PASS
		1	24	22.80	PASS
		12	0	21.78	PASS
		12	6	21.75	PASS
		12	13	21.81	PASS
		25	0	21.77	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.53	PASS
		1	24	23.74	PASS
		1	49	23.69	PASS
		25	0	22.75	PASS
		25	12	22.77	PASS
		25	25	22.73	PASS
		50	0	22.73	PASS
	MCH	1	0	23.59	PASS
		1	24	23.84	PASS
		1	49	23.41	PASS
		25	0	22.89	PASS
		25	12	22.77	PASS
		25	25	22.73	PASS
		50	0	22.73	PASS
	HCH	1	0	23.72	PASS
		1	24	23.68	PASS
		1	49	23.75	PASS
		25	0	22.75	PASS
		25	12	22.76	PASS
		25	25	22.71	PASS
		50	0	22.76	PASS
16QAM	LCH	1	0	22.84	PASS
		1	24	23.05	PASS
		1	49	22.83	PASS
		25	0	21.75	PASS
		25	12	21.75	PASS
		25	25	21.73	PASS
		50	0	21.74	PASS
	MCH	1	0	22.86	PASS

		1	24	23.00	PASS
		1	49	22.80	PASS
		25	0	21.78	PASS
		25	12	21.73	PASS
		25	25	21.74	PASS
		50	0	21.75	PASS
	HCH	1	0	23.08	PASS
		1	24	23.06	PASS
		1	49	23.04	PASS
		25	0	21.76	PASS
		25	12	21.76	PASS
		25	25	21.76	PASS
		50	0	21.79	PASS

Appendix B: Peak-to-Average Ratio

Test Result

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	2.92	<13	PASS
		1	12	3.8	<13	PASS
		1	24	4.54	<13	PASS
		12	0	4.49	<13	PASS
		12	6	4.82	<13	PASS
		12	13	5.34	<13	PASS
		25	0	5.34	<13	PASS
	MCH	1	0	4.53	<13	PASS
		1	12	4.41	<13	PASS
		1	24	3.2	<13	PASS
		12	0	5.45	<13	PASS
		12	6	5.23	<13	PASS
		12	13	4.81	<13	PASS
		25	0	5.28	<13	PASS
16QAM	LCH	1	0	3.75	<13	PASS
		1	12	2.83	<13	PASS
		1	24	3.29	<13	PASS
		12	0	4.34	<13	PASS
		12	6	3.78	<13	PASS
		12	13	4.05	<13	PASS
		25	0	4.77	<13	PASS
	MCH	1	0	3.78	<13	PASS
		1	12	4.63	<13	PASS
		1	24	5.54	<13	PASS
		12	0	5.28	<13	PASS
		12	6	5.66	<13	PASS
		12	13	6.13	<13	PASS
		25	0	6.11	<13	PASS

		12	13	5.77	<13	PASS
		25	0	6.12	<13	PASS
HCH	1	0	4.74	<13	PASS	
	1	12	3.78	<13	PASS	
	1	24	4.31	<13	PASS	
	12	0	5.18	<13	PASS	
	12	6	4.69	<13	PASS	
	12	13	4.88	<13	PASS	
	25	0	5.54	<13	PASS	

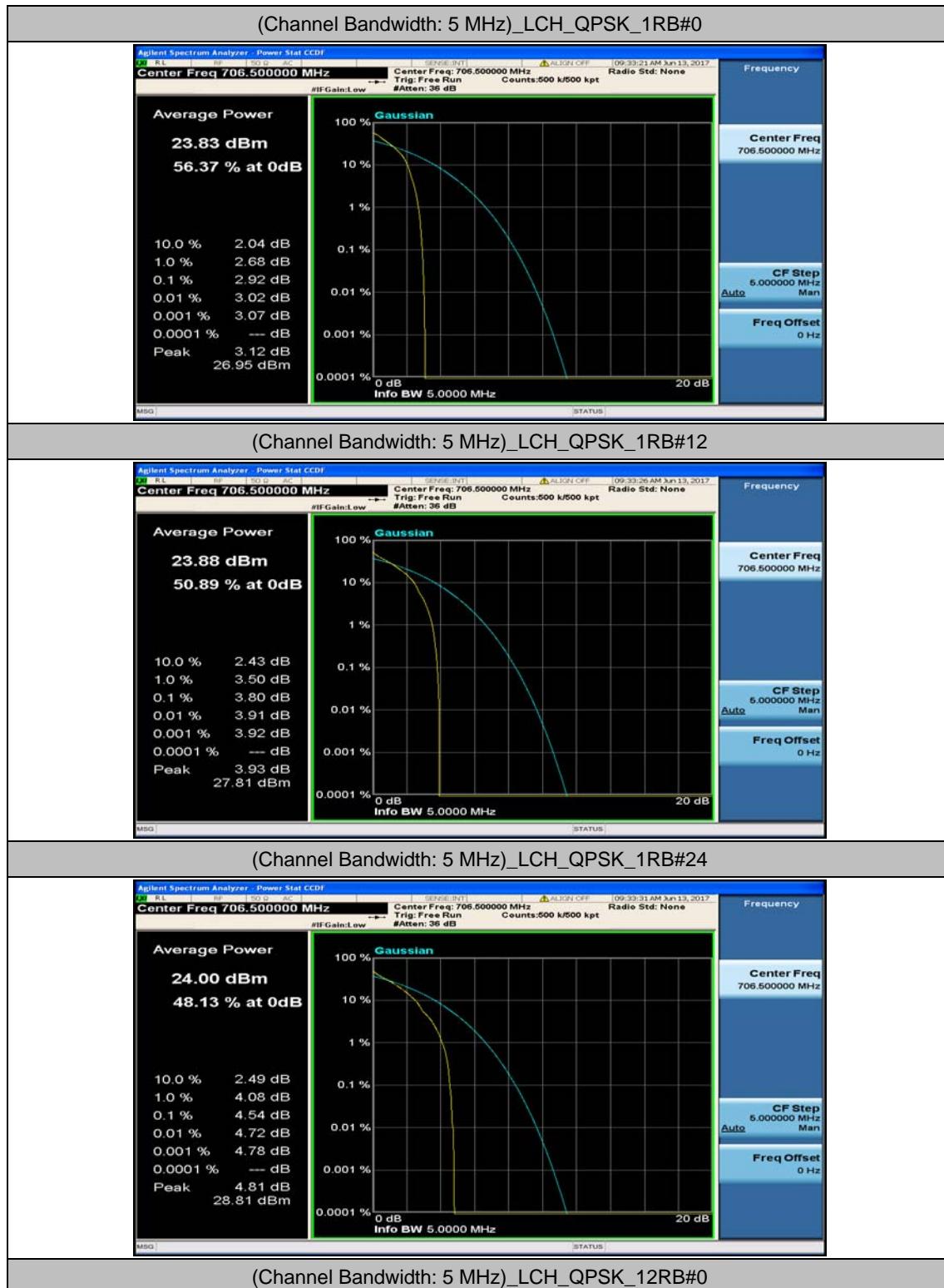
Channel Bandwidth: 10 MHz

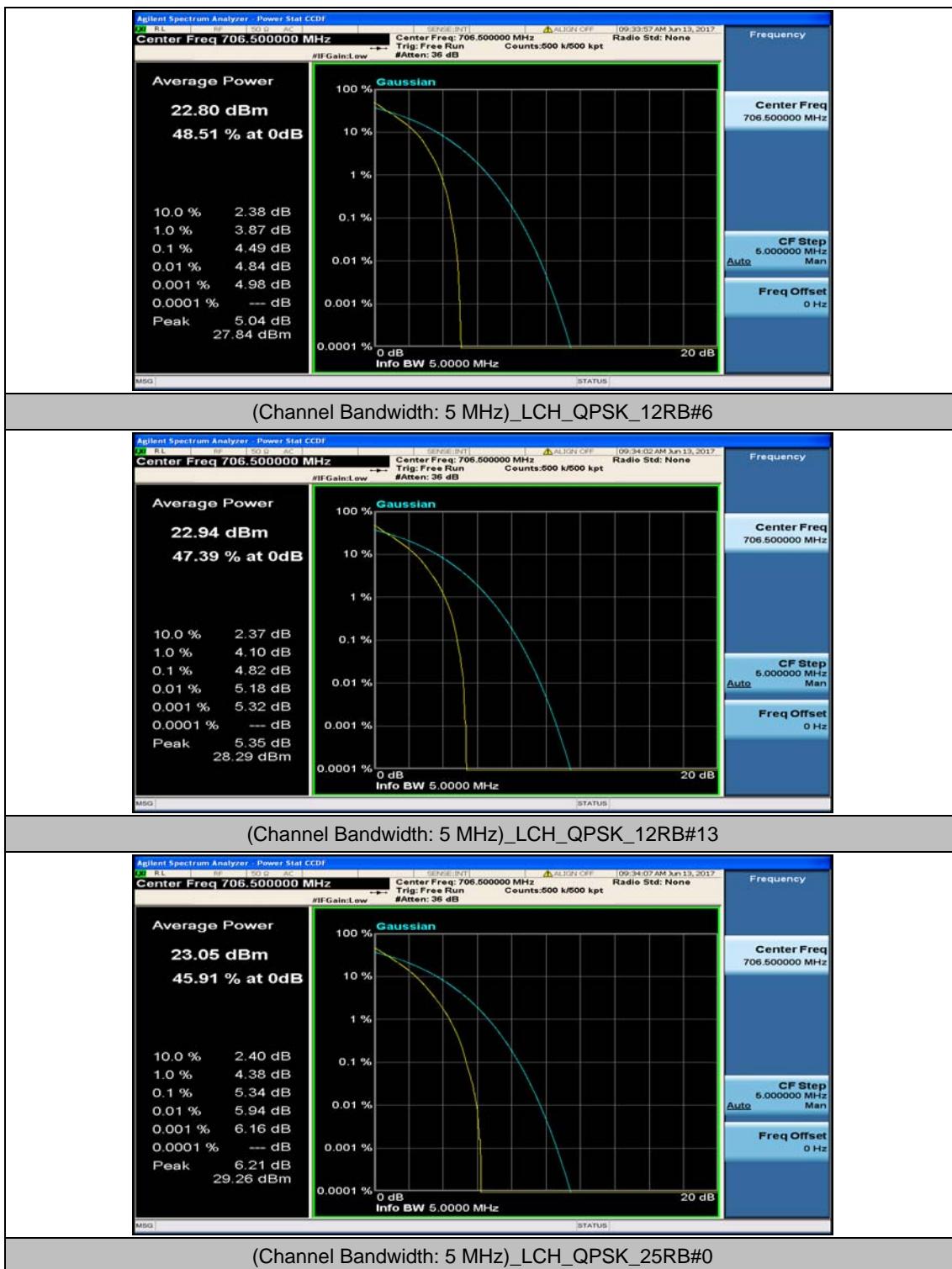
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.05	<13	PASS
		1	24	4.69	<13	PASS
		1	49	2.8	<13	PASS
		25	0	5.14	<13	PASS
		25	12	5.35	<13	PASS
		25	25	4.82	<13	PASS
		50	0	5.04	<13	PASS
	MCH	1	0	3.31	<13	PASS
		1	24	4.45	<13	PASS
		1	49	3.04	<13	PASS
		25	0	5.31	<13	PASS
		25	12	5.11	<13	PASS
		25	25	4.62	<13	PASS
		50	0	4.86	<13	PASS
	HCH	1	0	3.72	<13	PASS
		1	24	3.9	<13	PASS
		1	49	3.12	<13	PASS
		25	0	5.31	<13	PASS
		25	12	4.83	<13	PASS
		25	25	4.46	<13	PASS
		50	0	4.85	<13	PASS
16QAM	LCH	1	0	3.89	<13	PASS
		1	24	5.57	<13	PASS
		1	49	3.75	<13	PASS
		25	0	5.97	<13	PASS
		25	12	6.21	<13	PASS
		25	25	5.73	<13	PASS

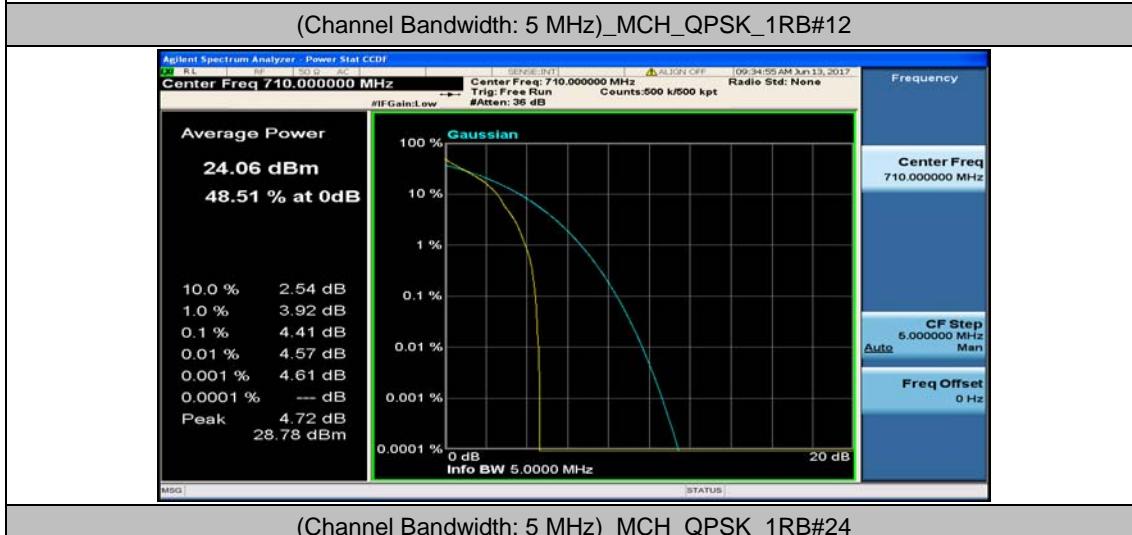
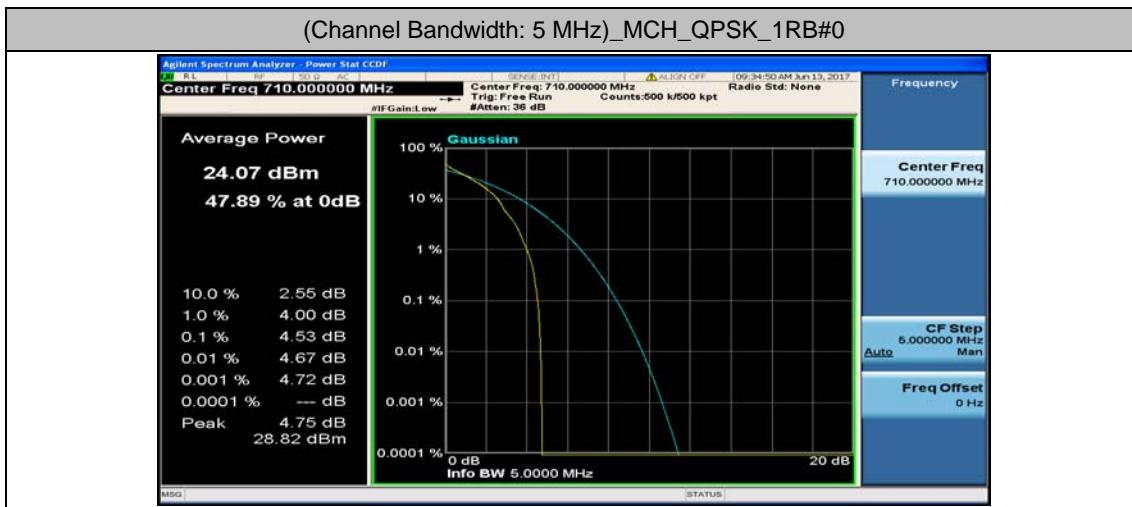
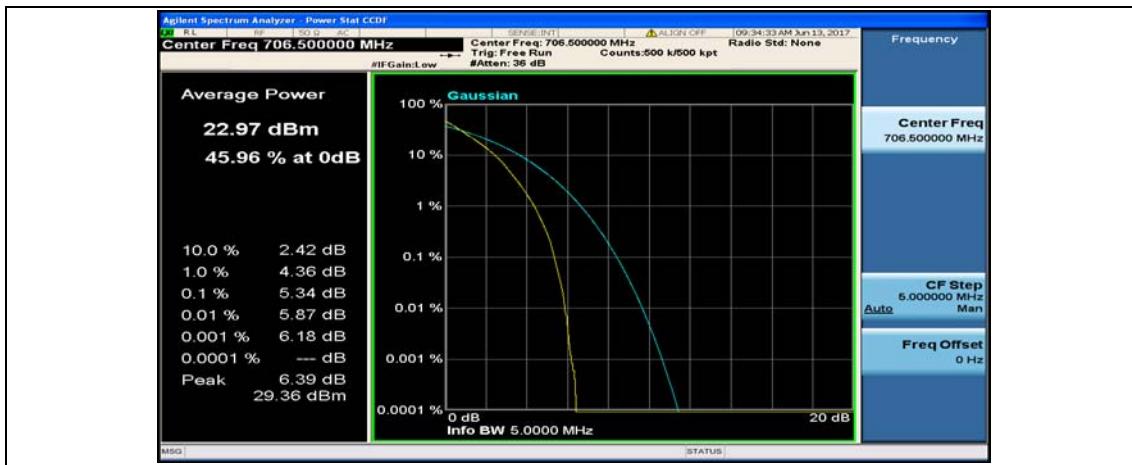
		50	0	5.91	<13	PASS
MCH	1	0	4.19	<13	PASS	
	1	24	5.42	<13	PASS	
	1	49	3.83	<13	PASS	
	25	0	6.13	<13	PASS	
	25	12	6.04	<13	PASS	
	25	25	5.47	<13	PASS	
	50	0	5.82	<13	PASS	
HCH	1	0	4.61	<13	PASS	
	1	24	4.84	<13	PASS	
	1	49	3.97	<13	PASS	
	25	0	6.19	<13	PASS	
	25	12	5.75	<13	PASS	
	25	25	5.3	<13	PASS	
	50	0	5.81	<13	PASS	

Test Graphs

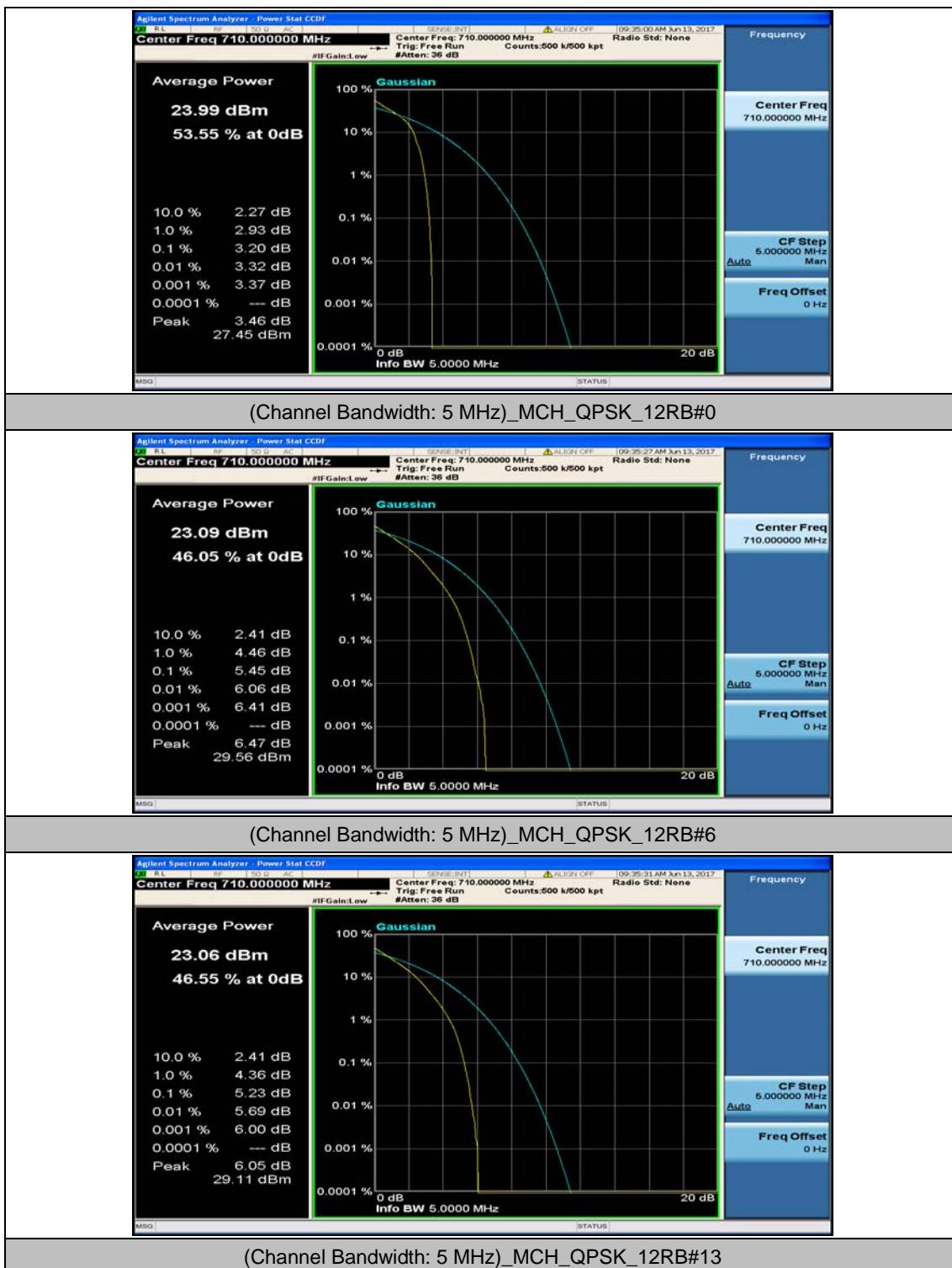
Channel Bandwidth: 5 MHz

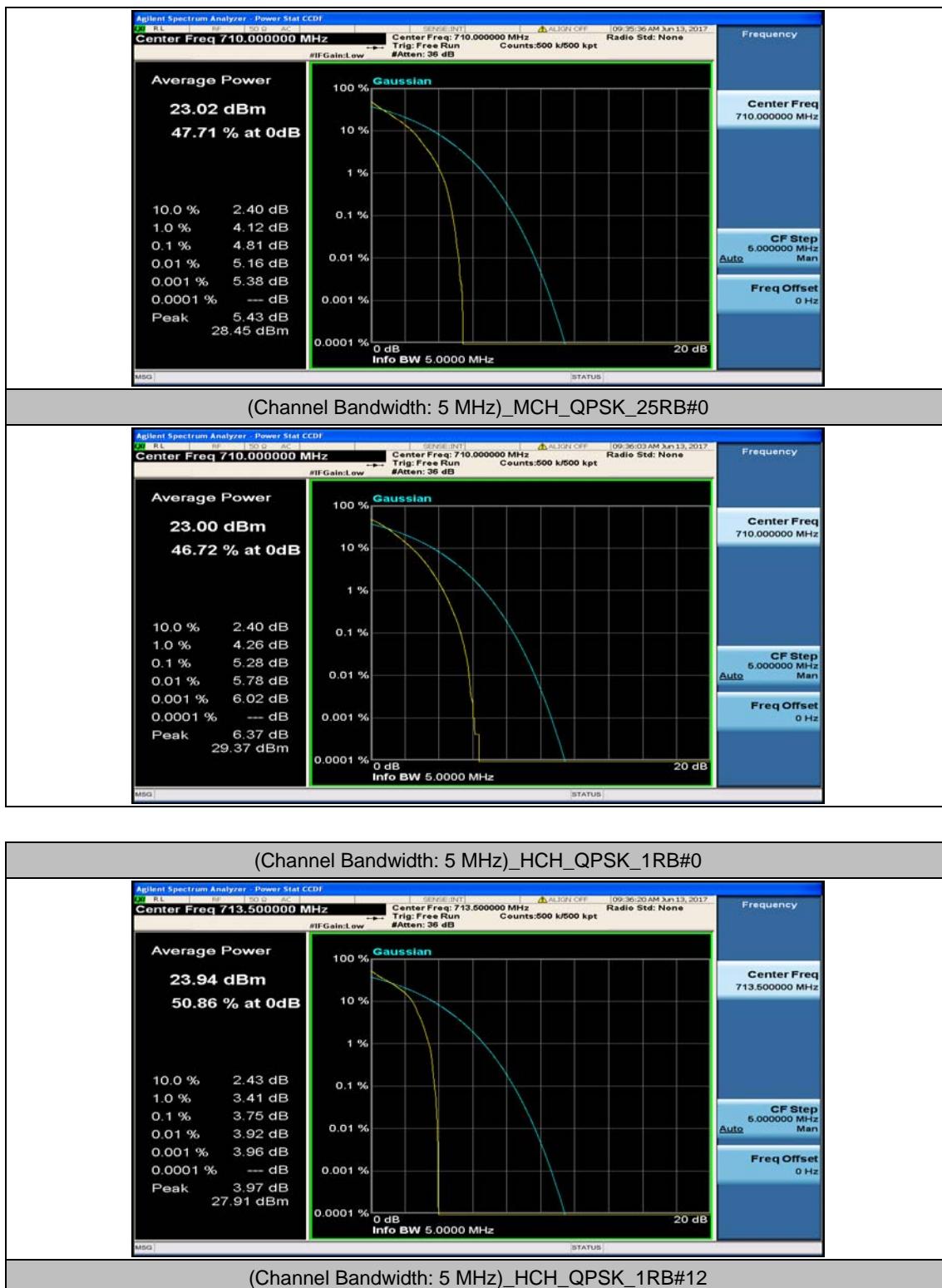


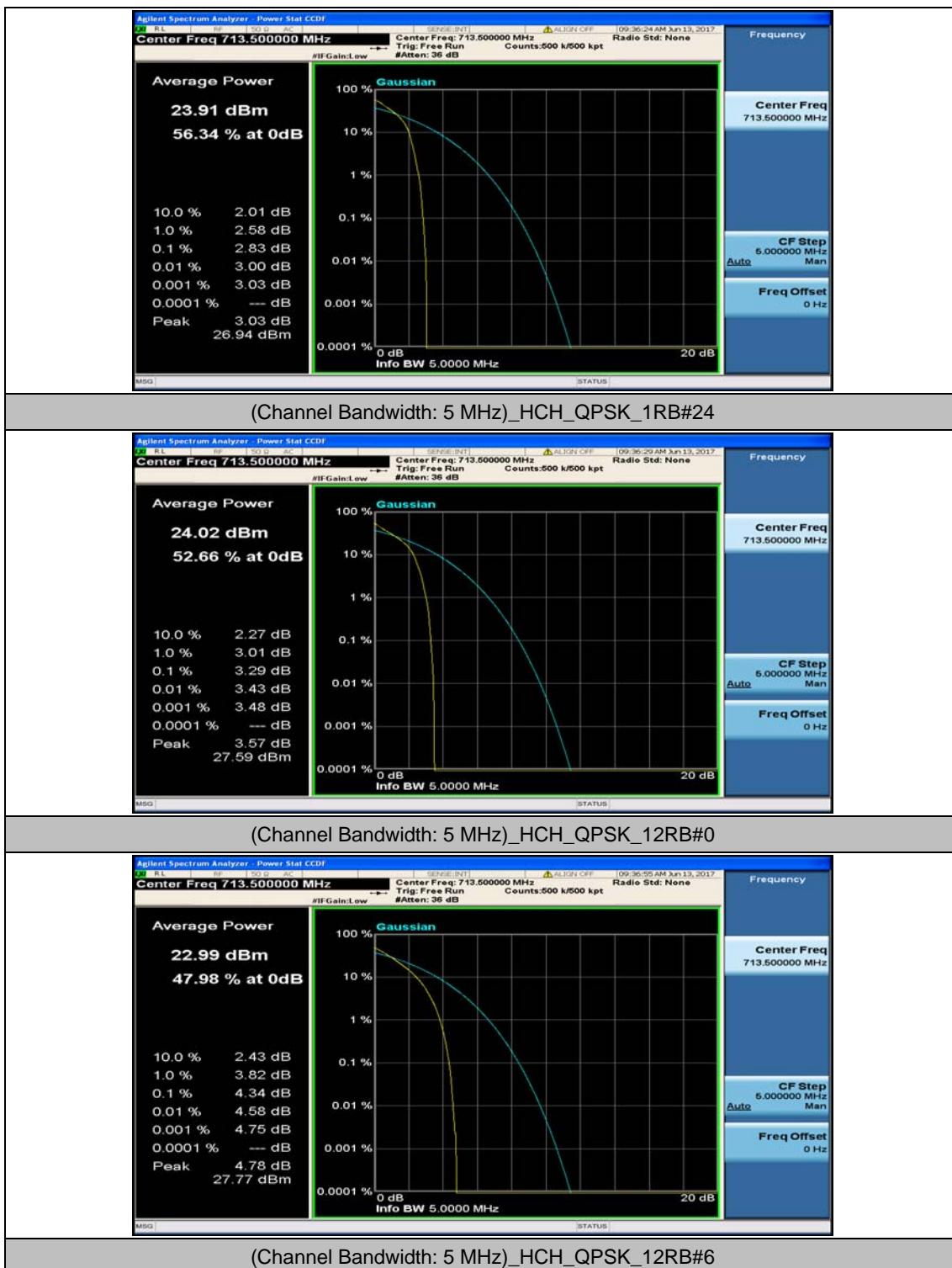


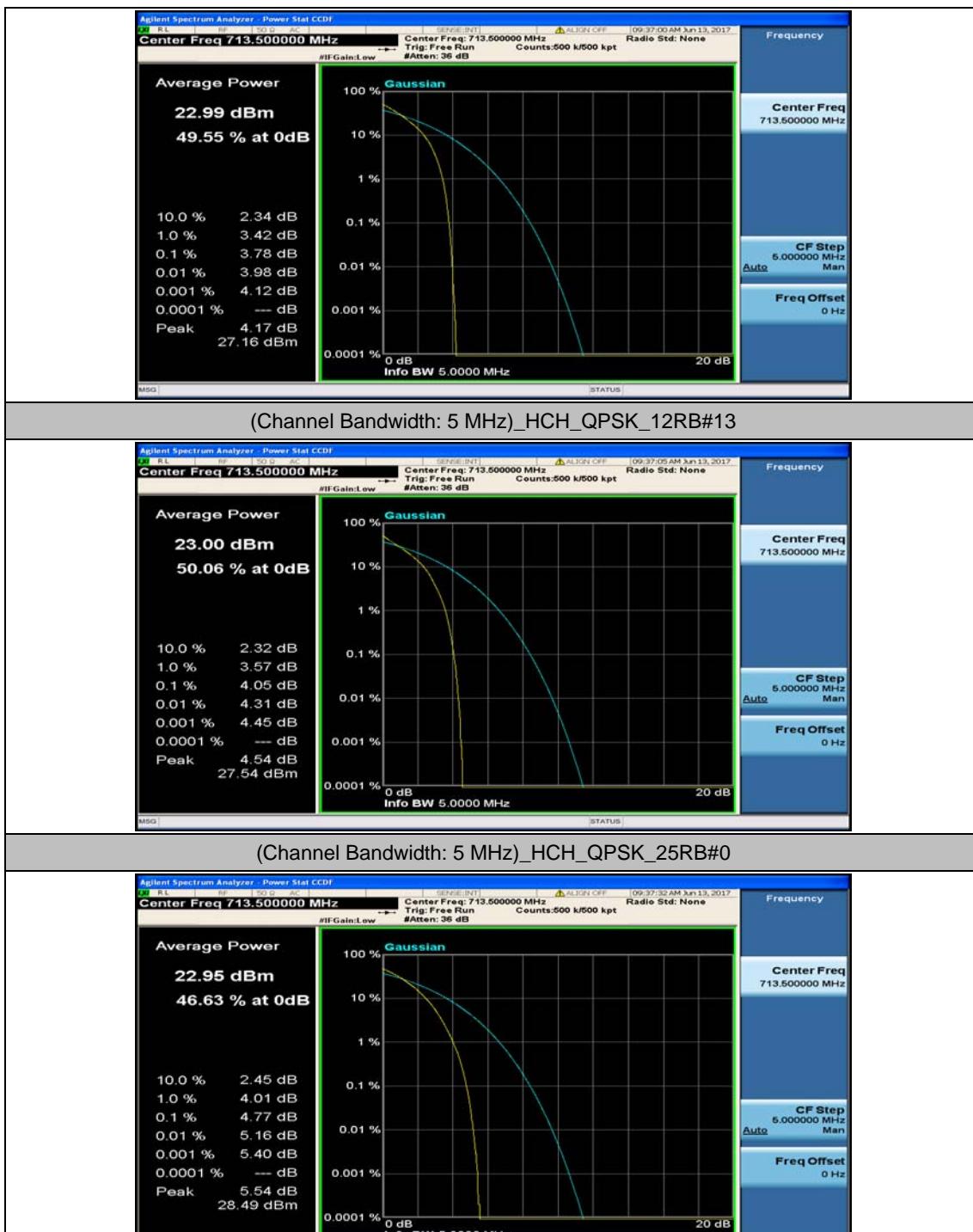


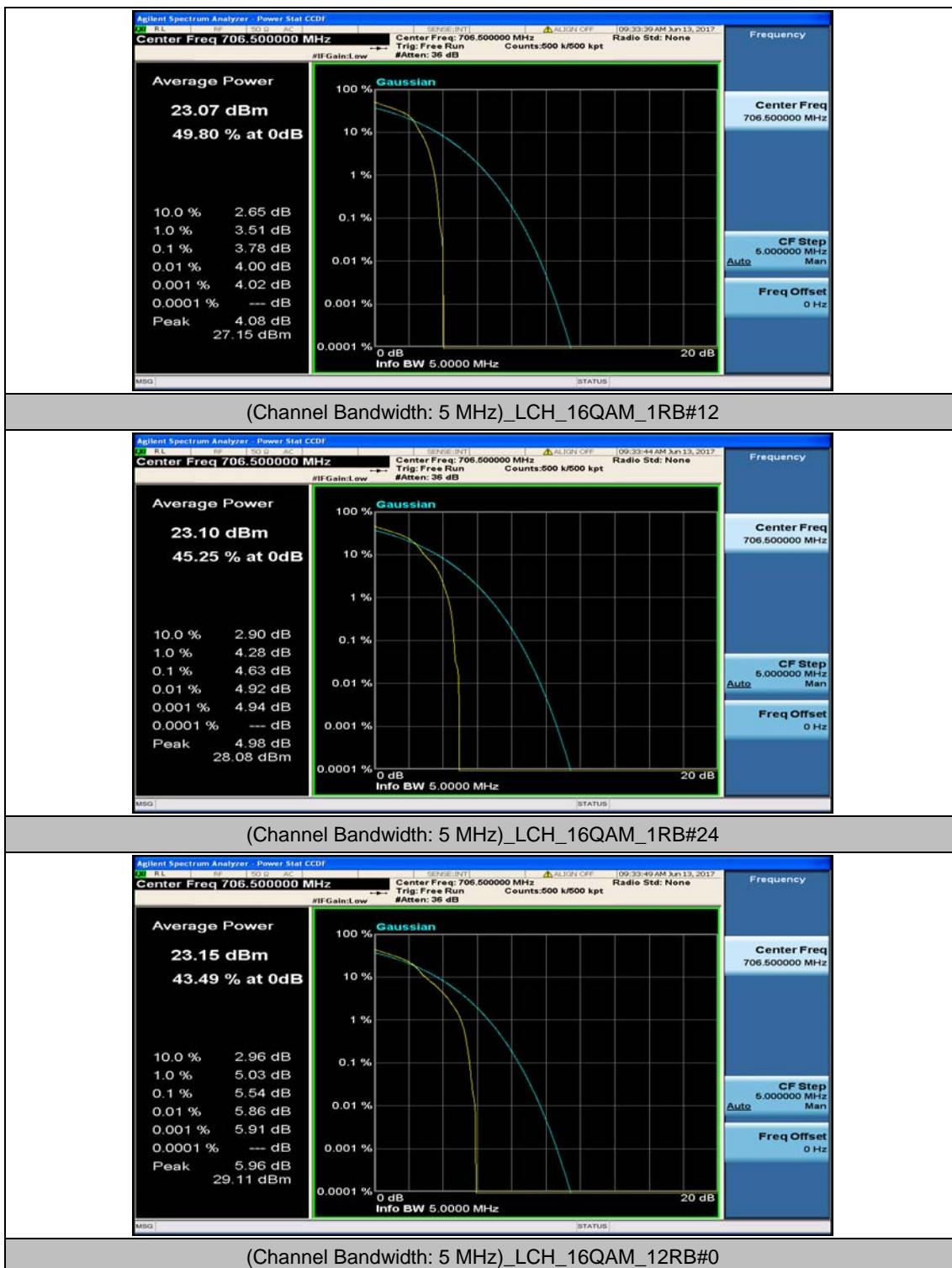
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24

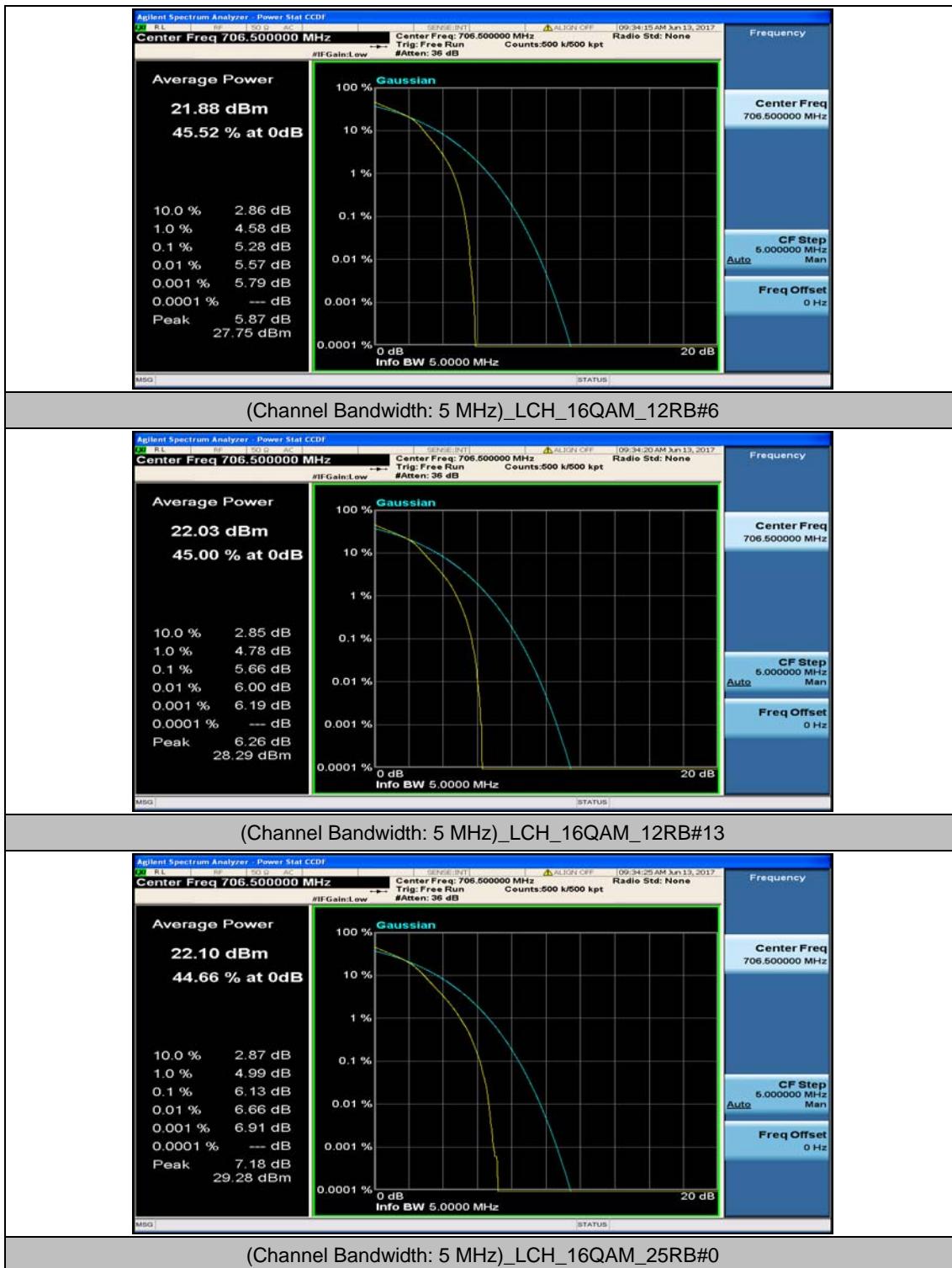


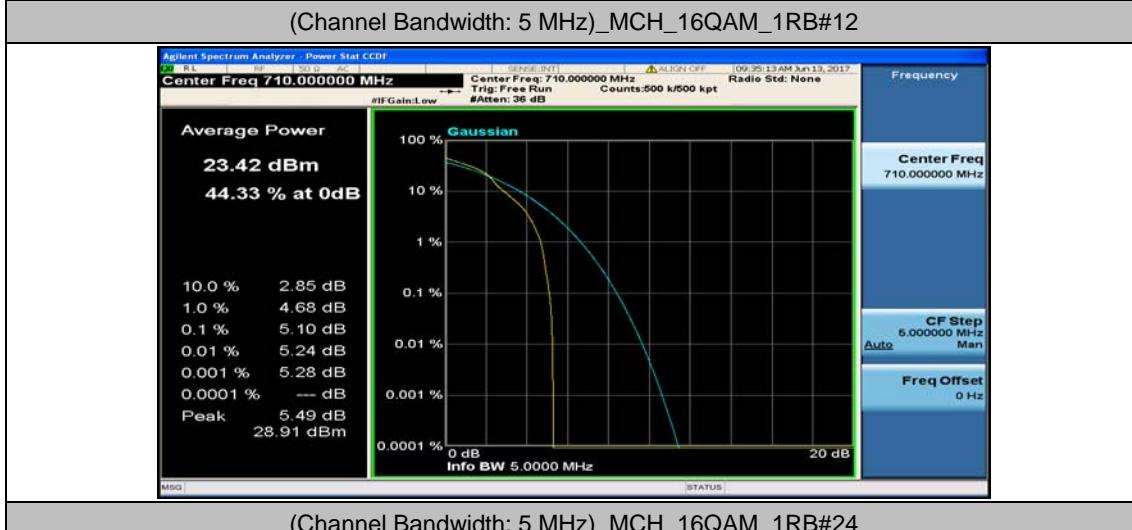
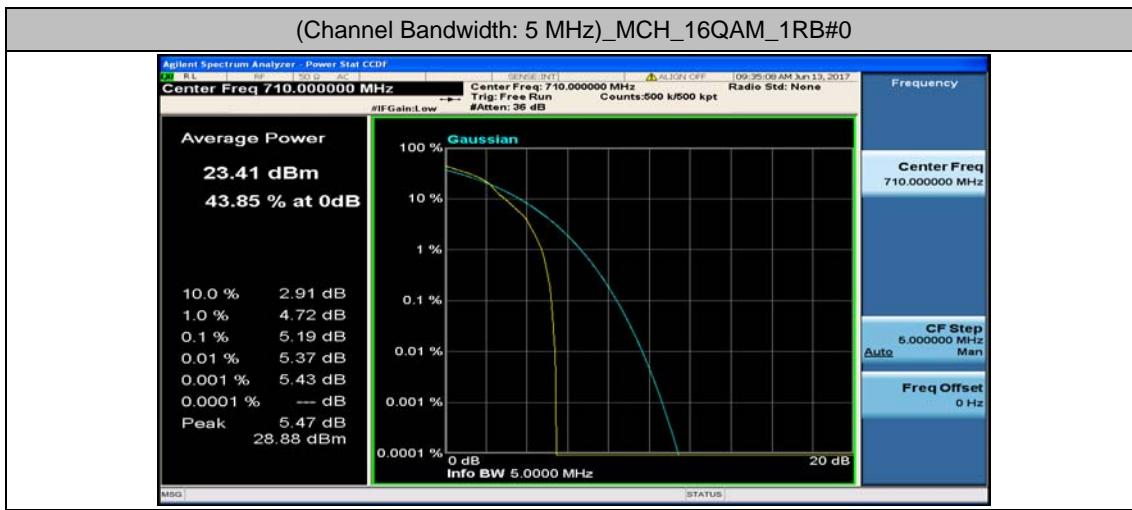




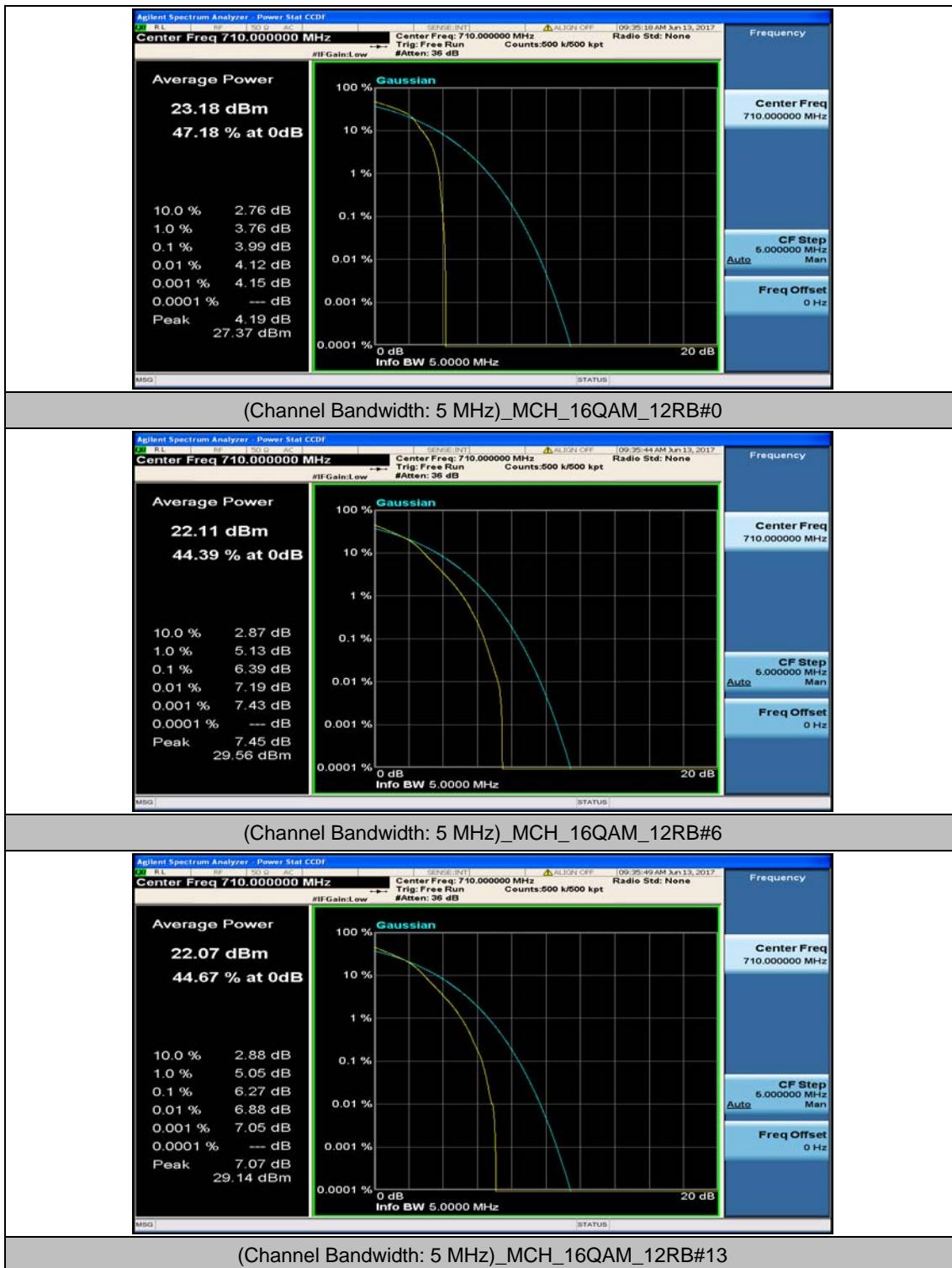


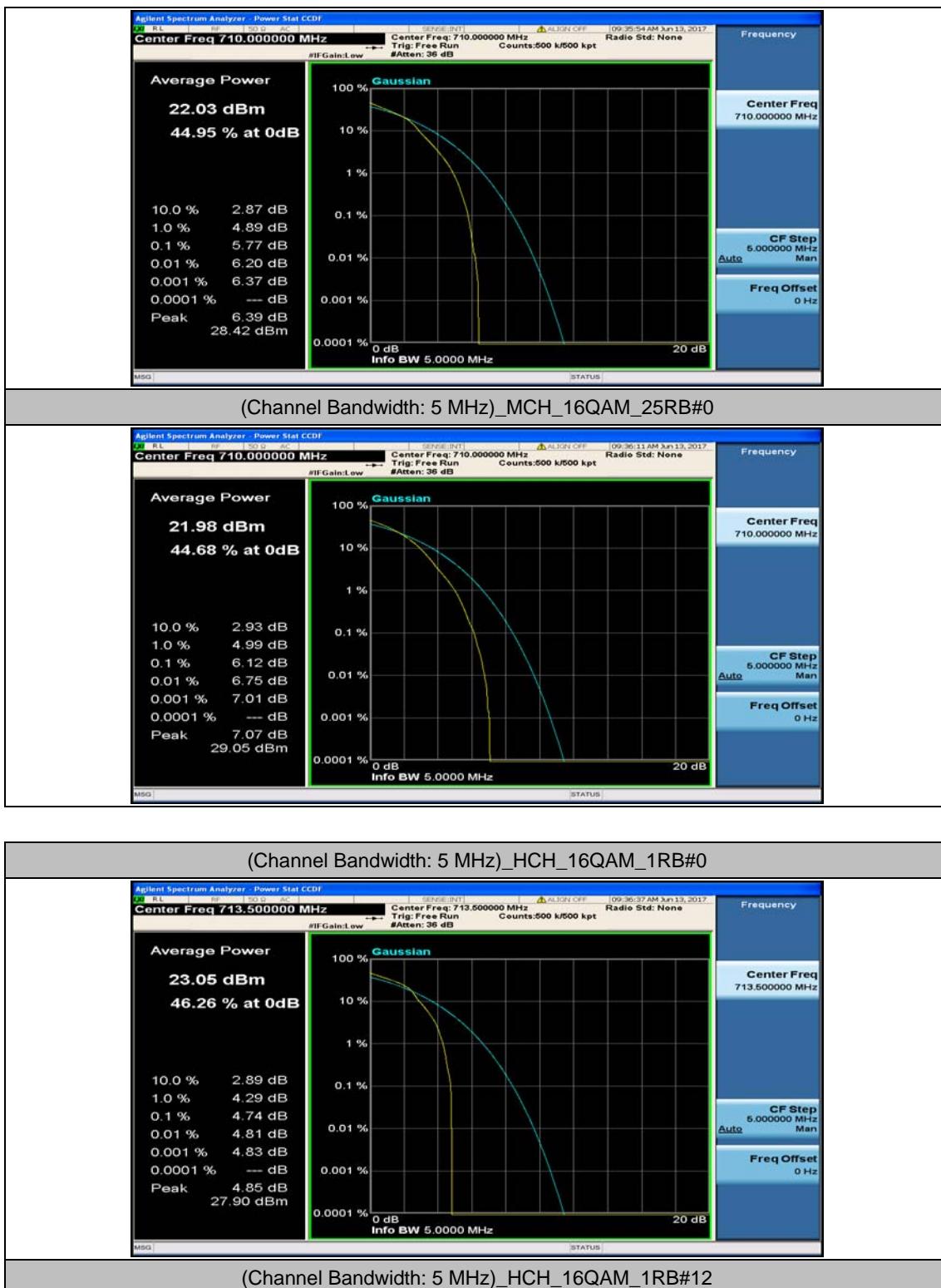


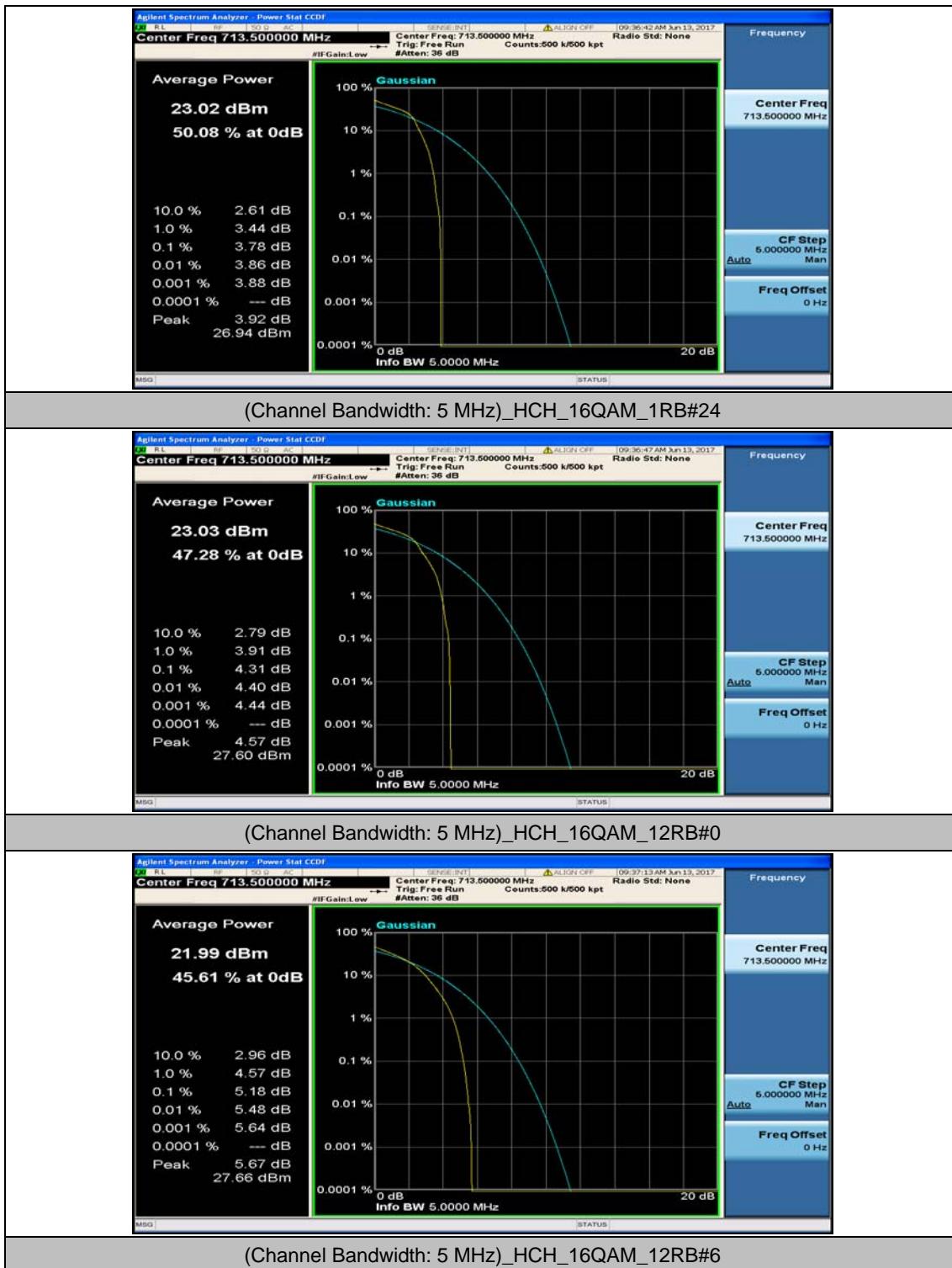


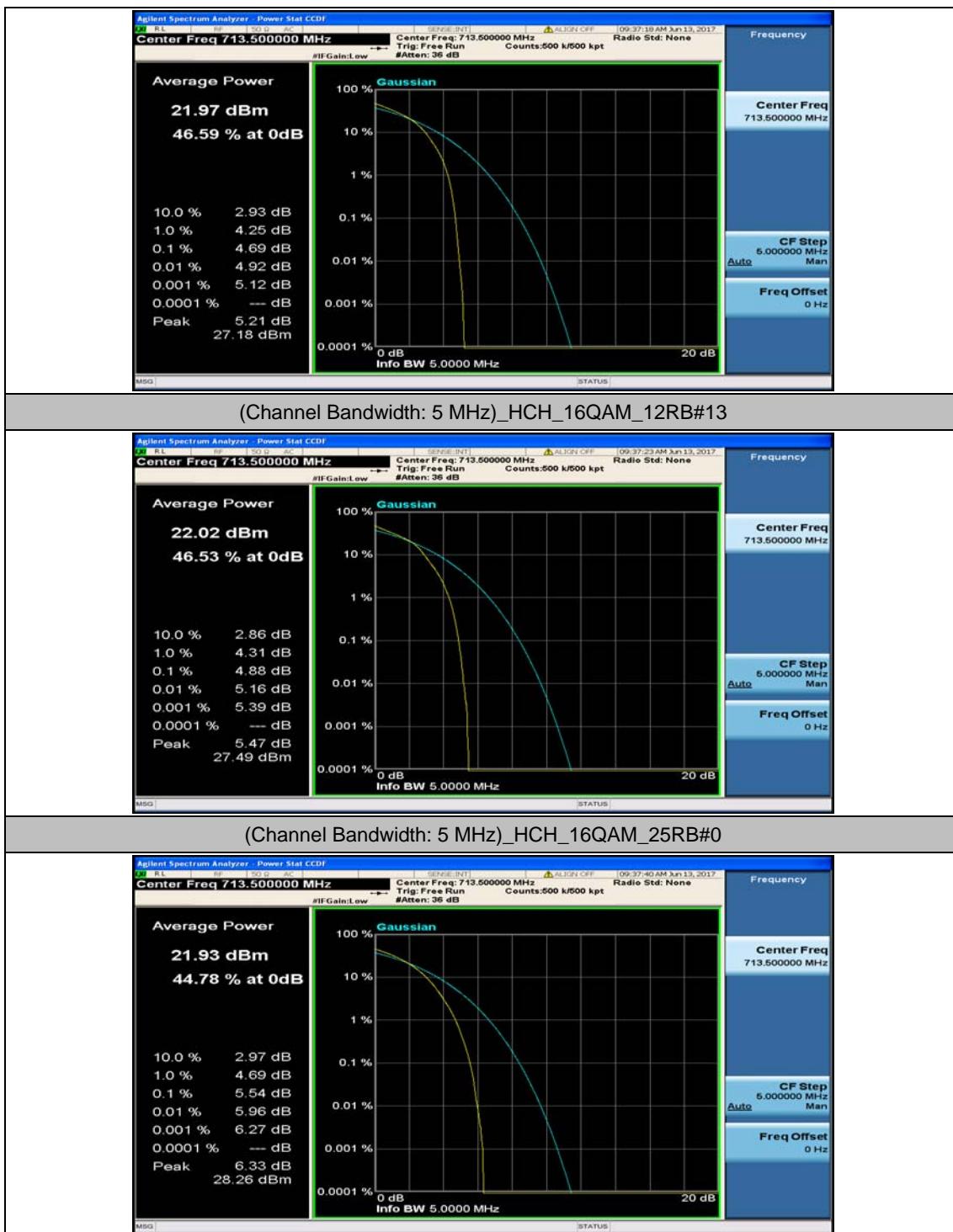


(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24

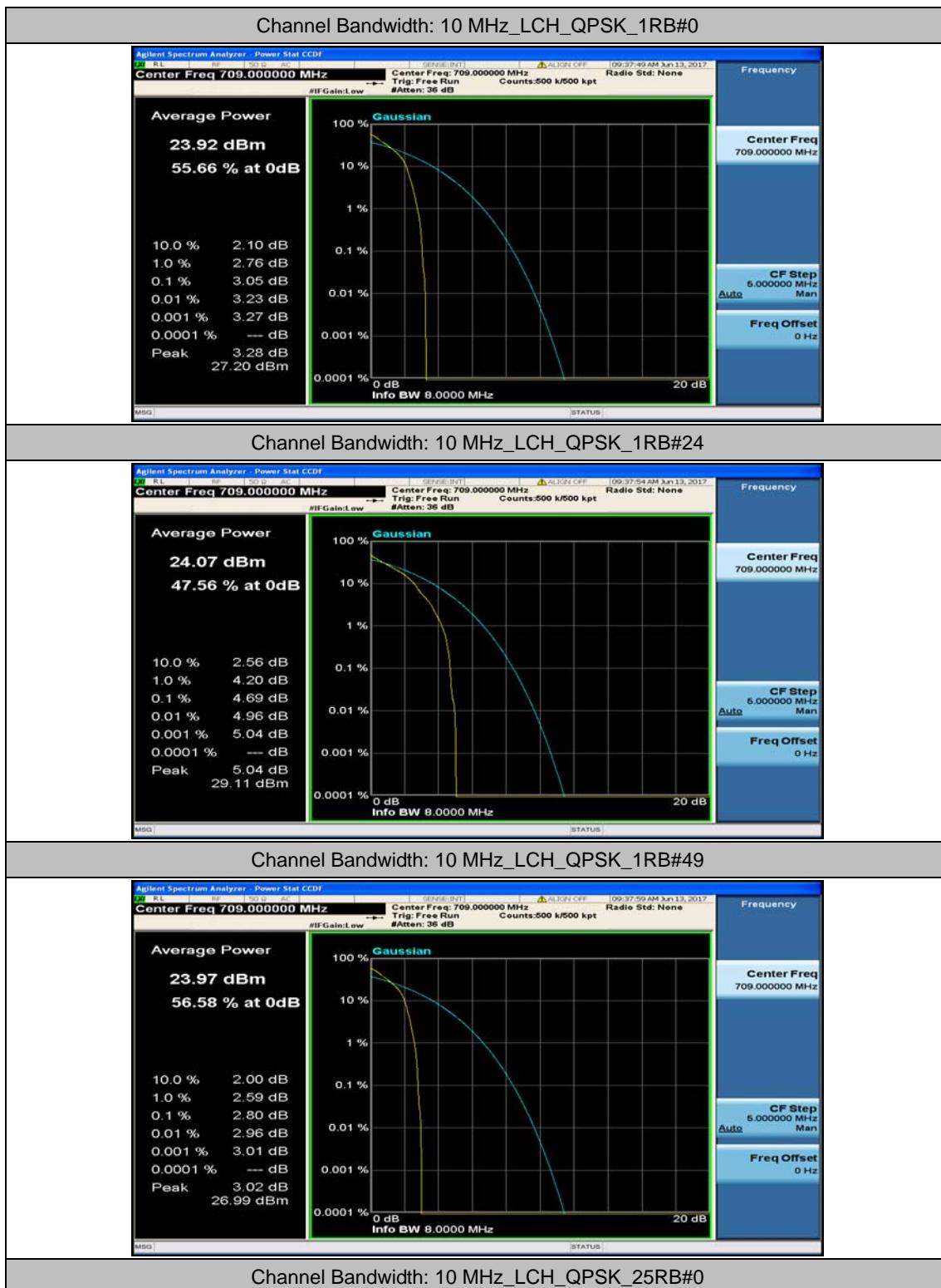


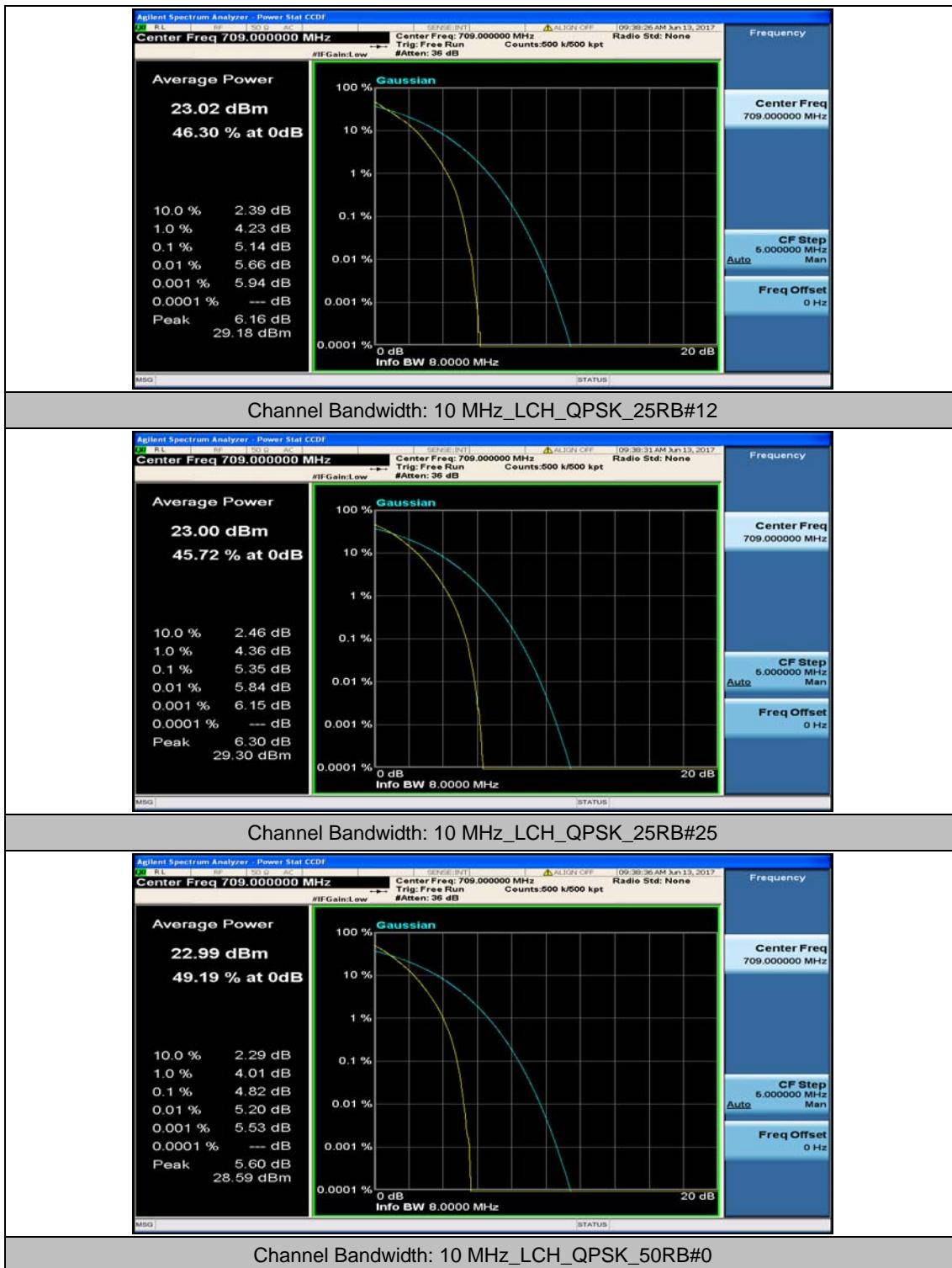


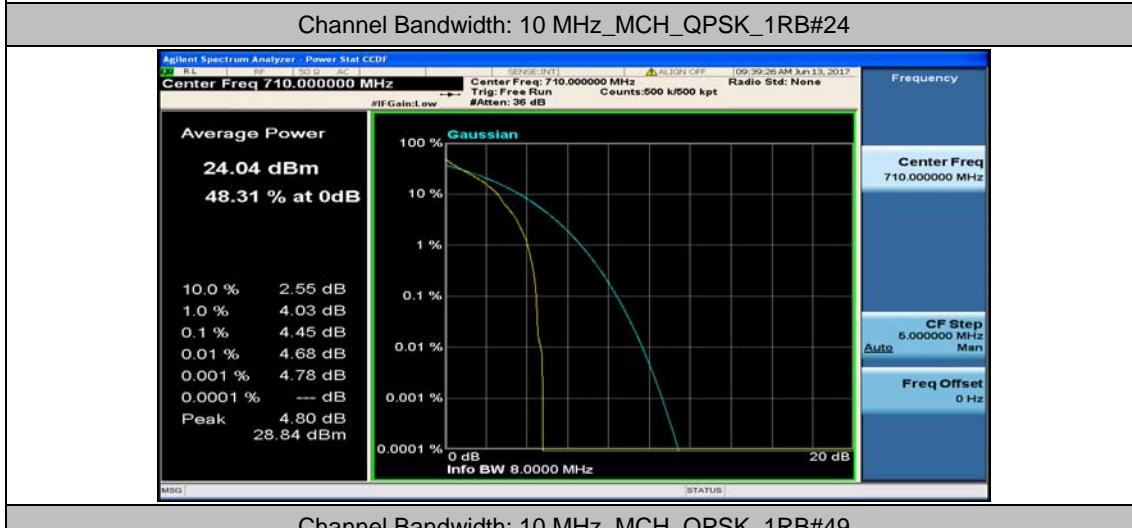
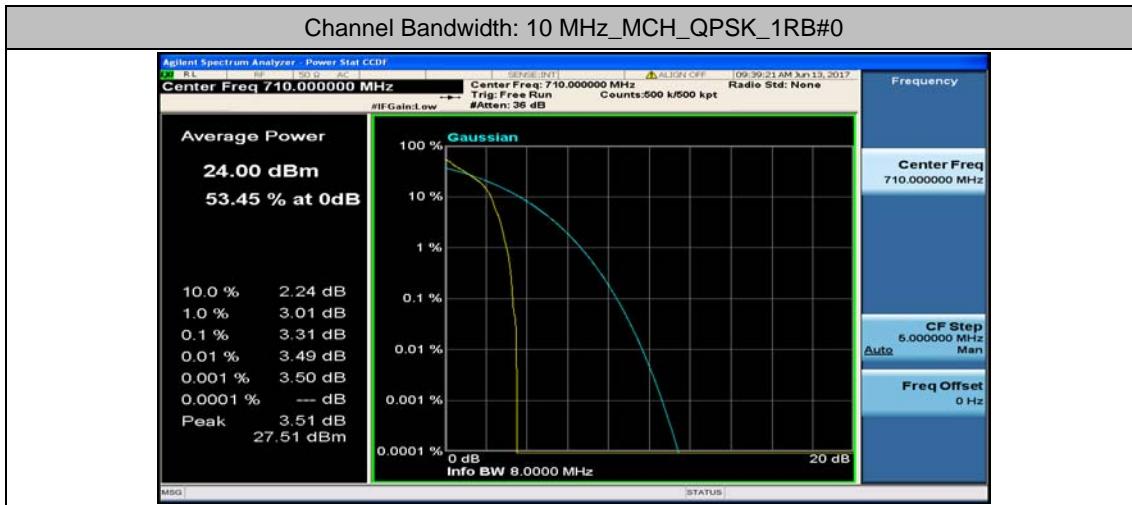
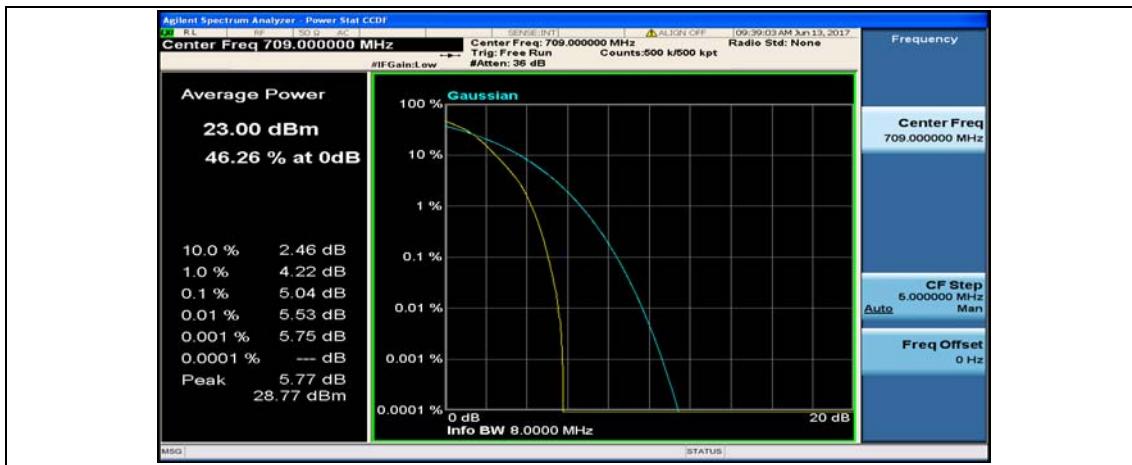




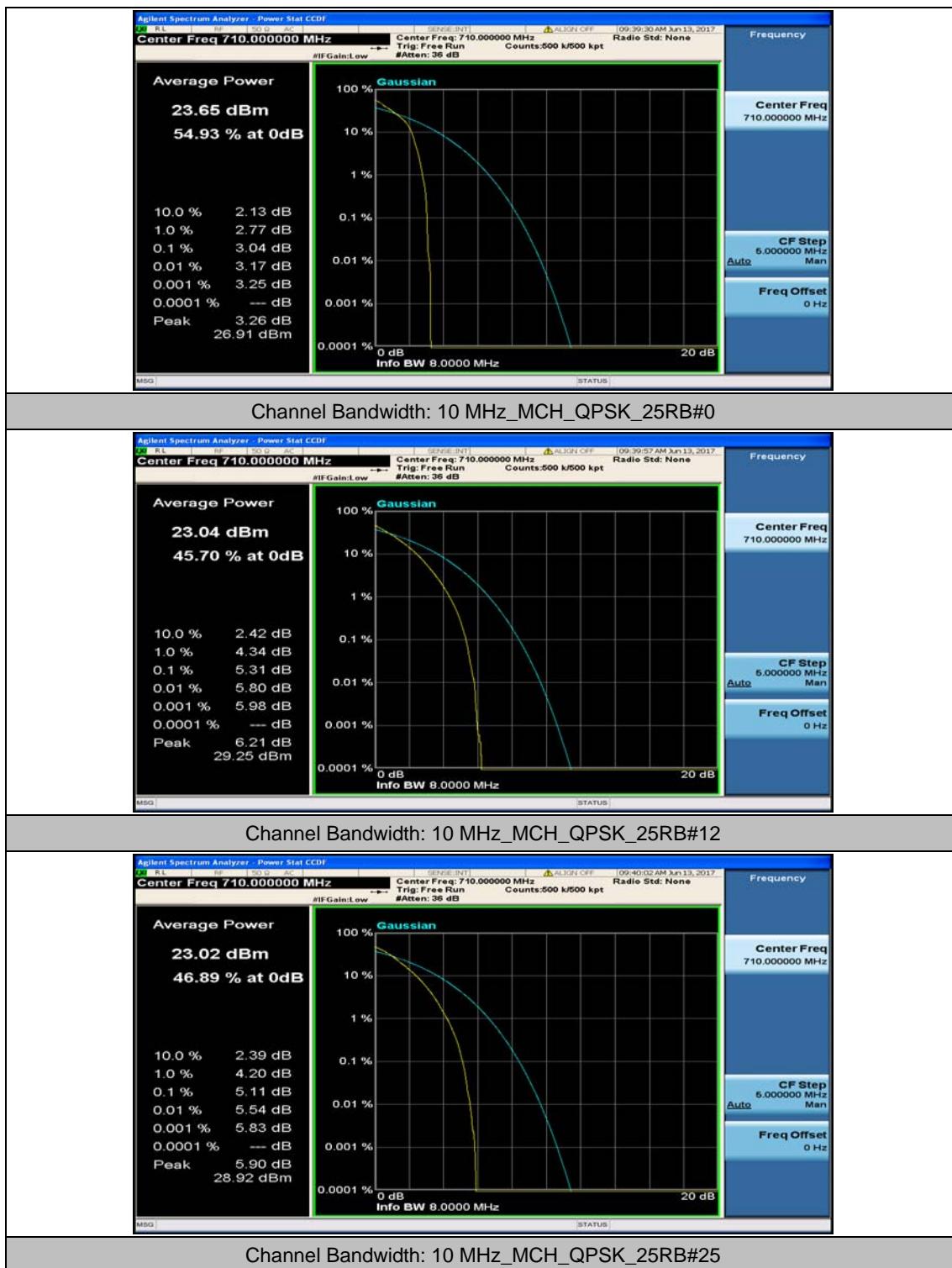
Channel Bandwidth: 10 MHz

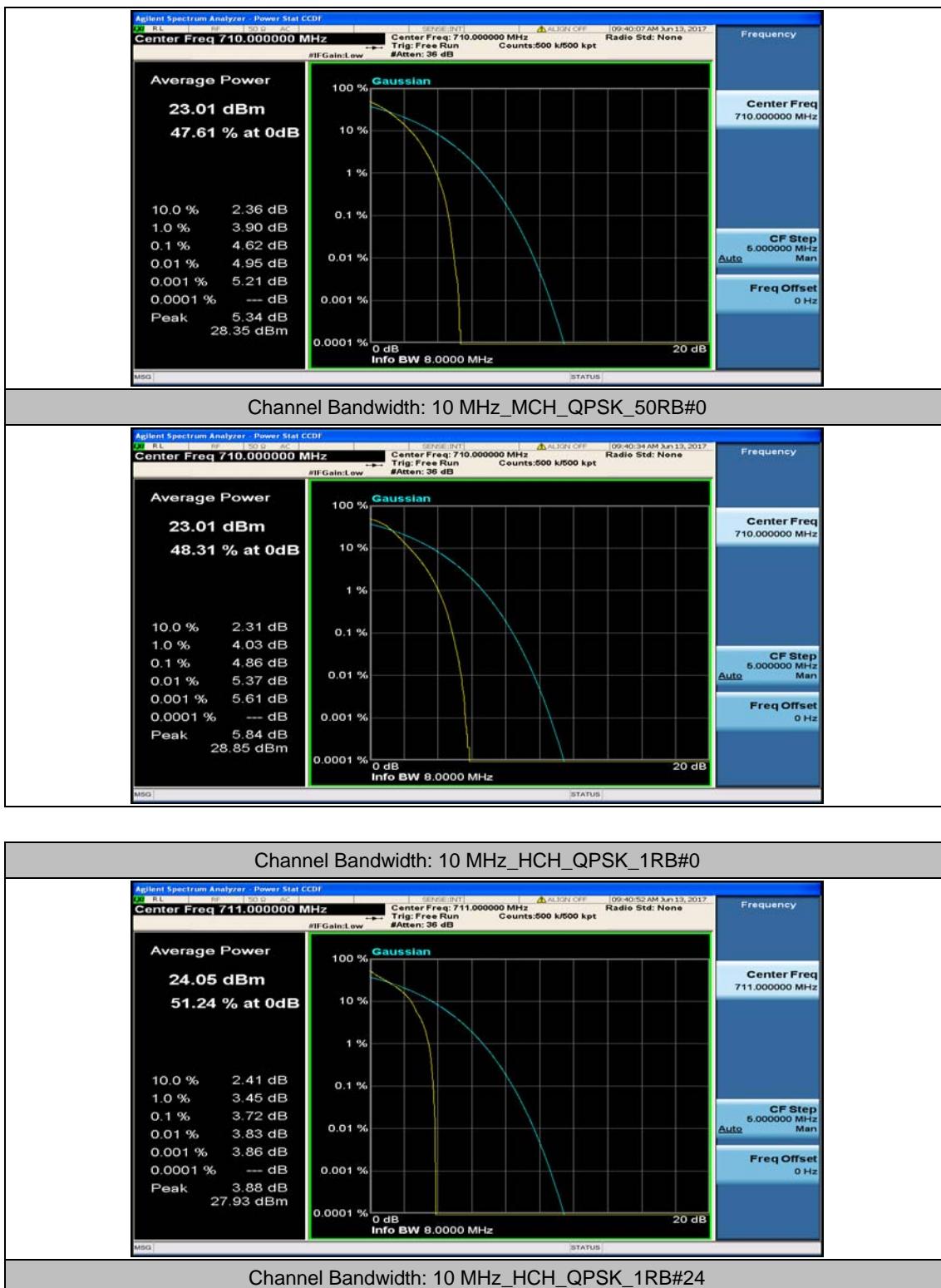


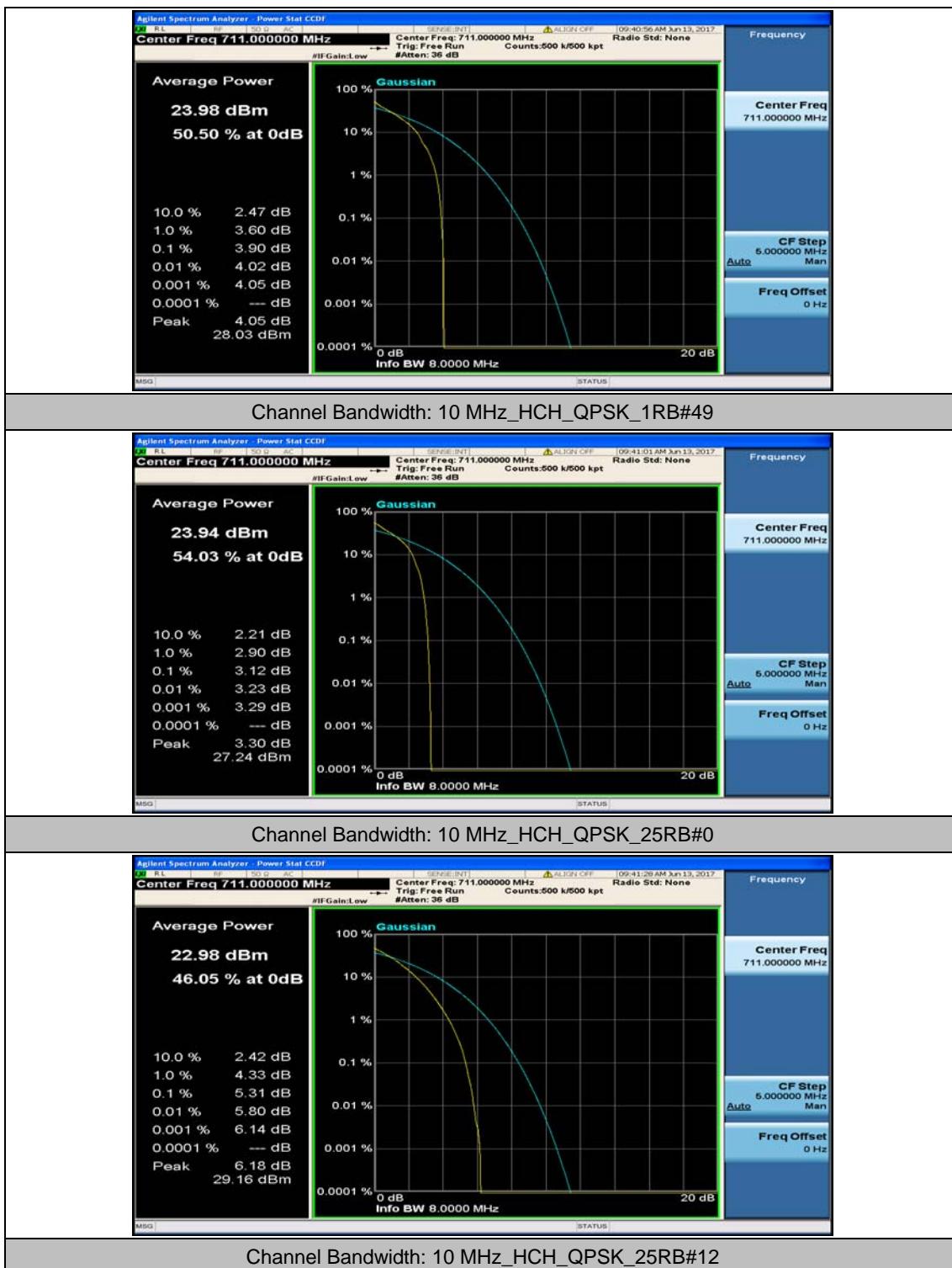


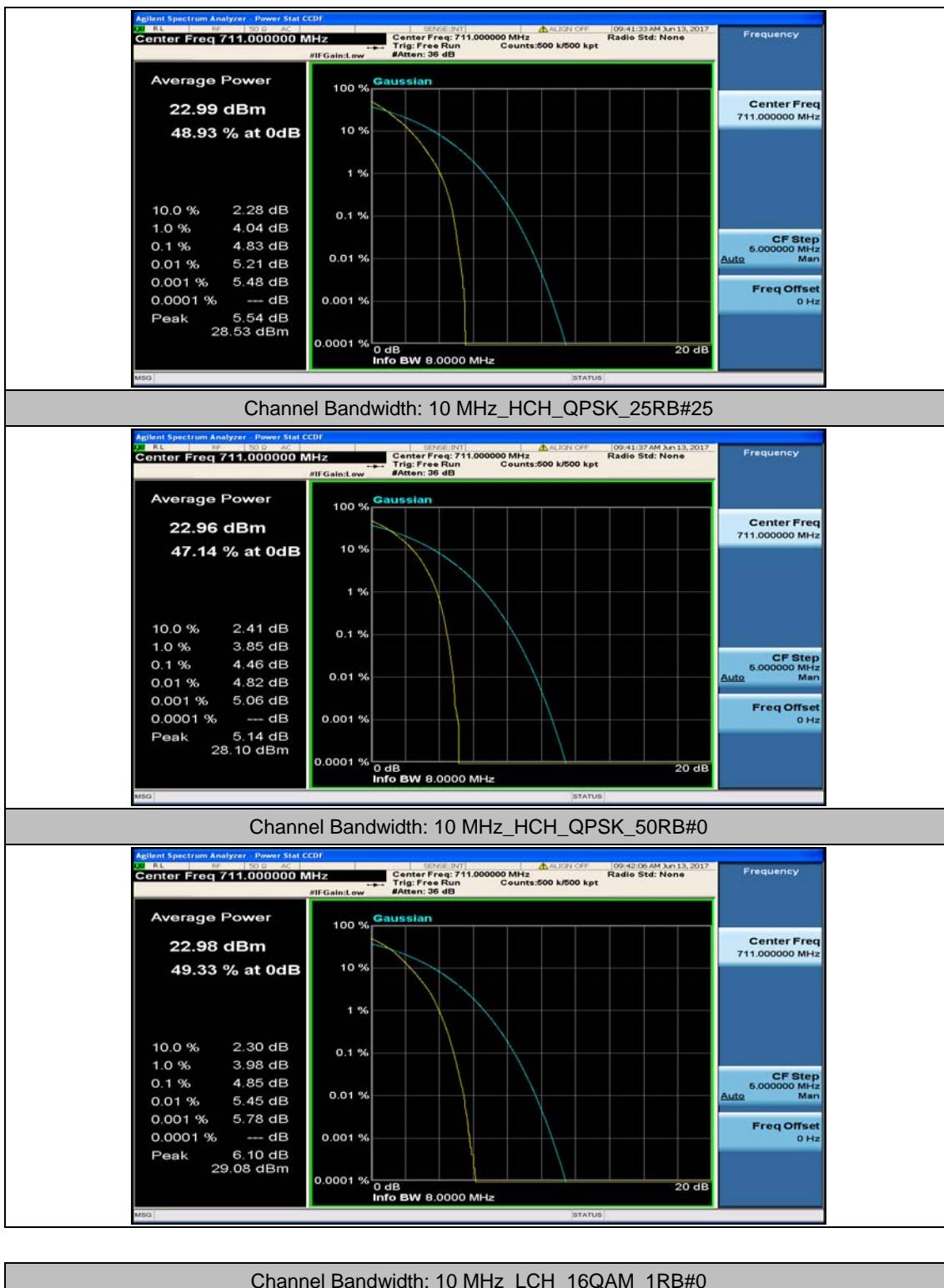


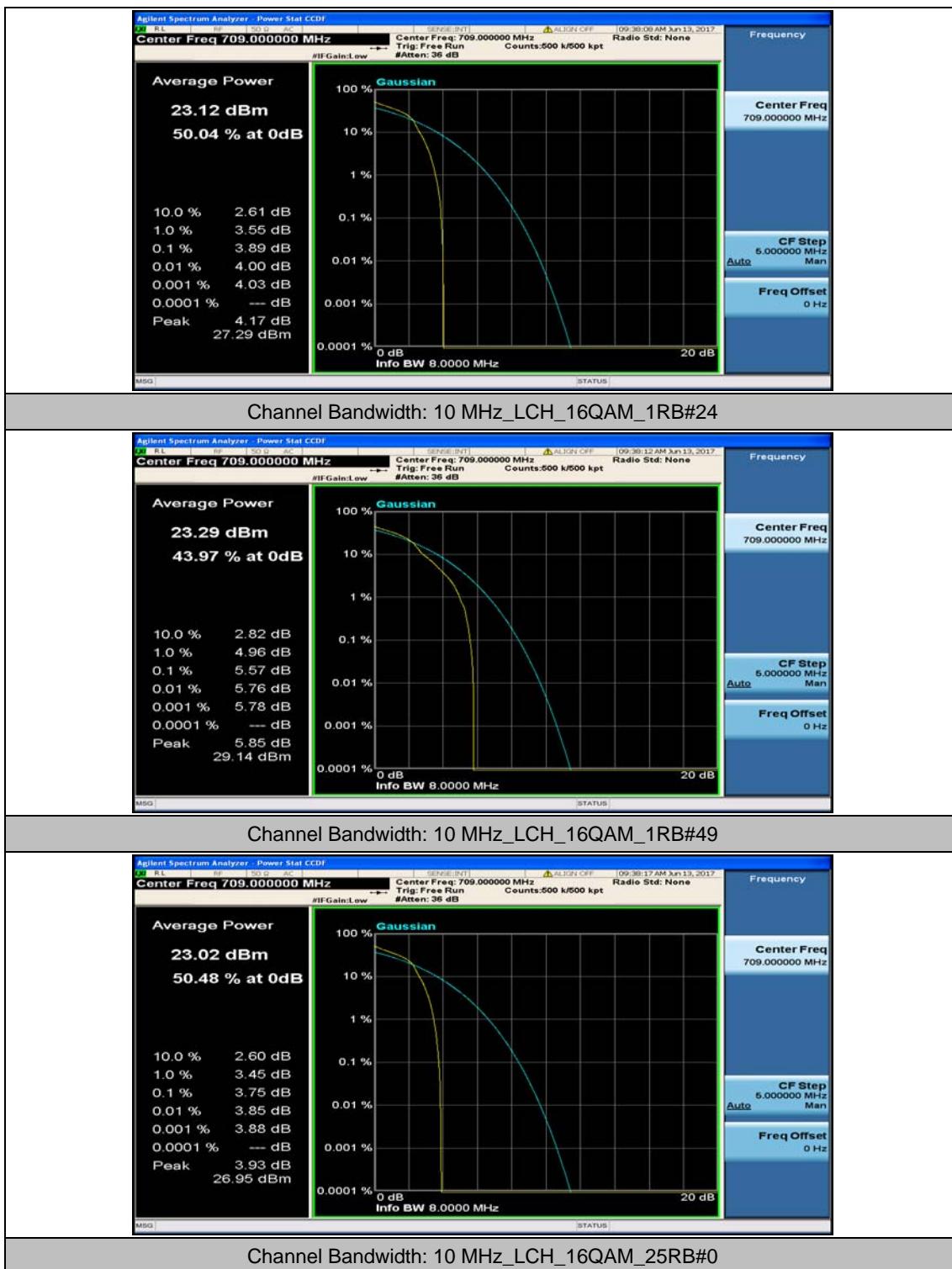
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49

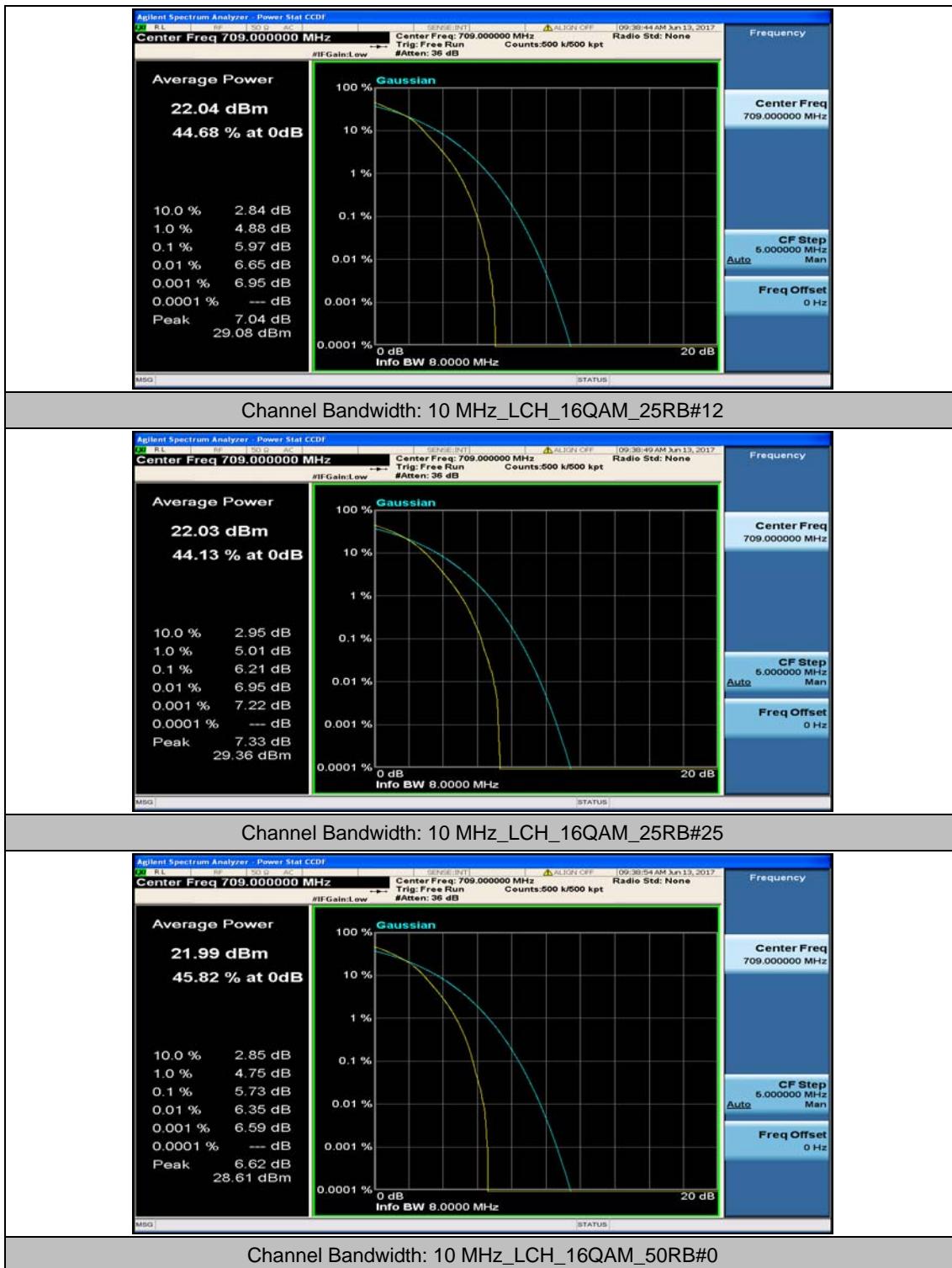


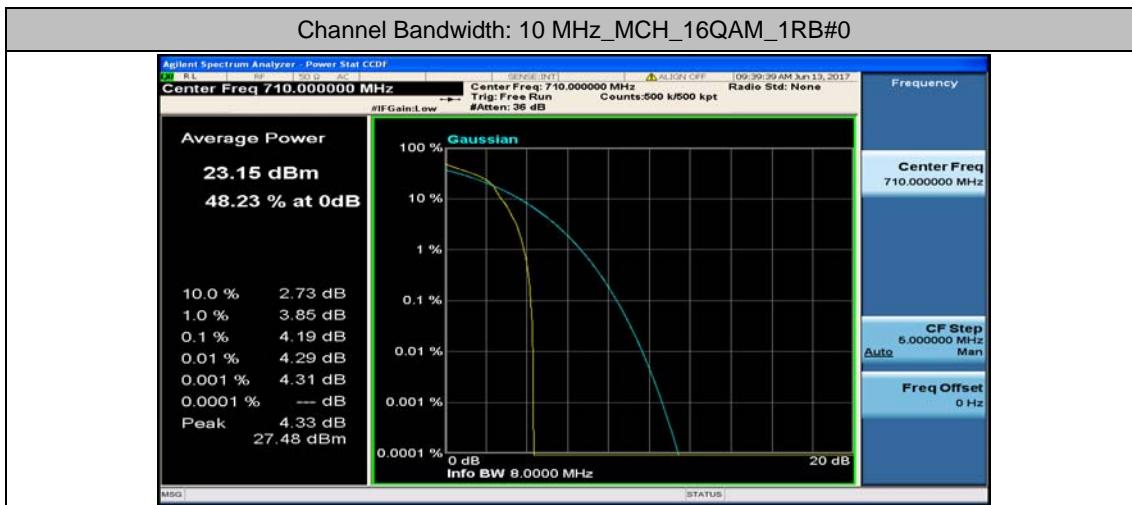




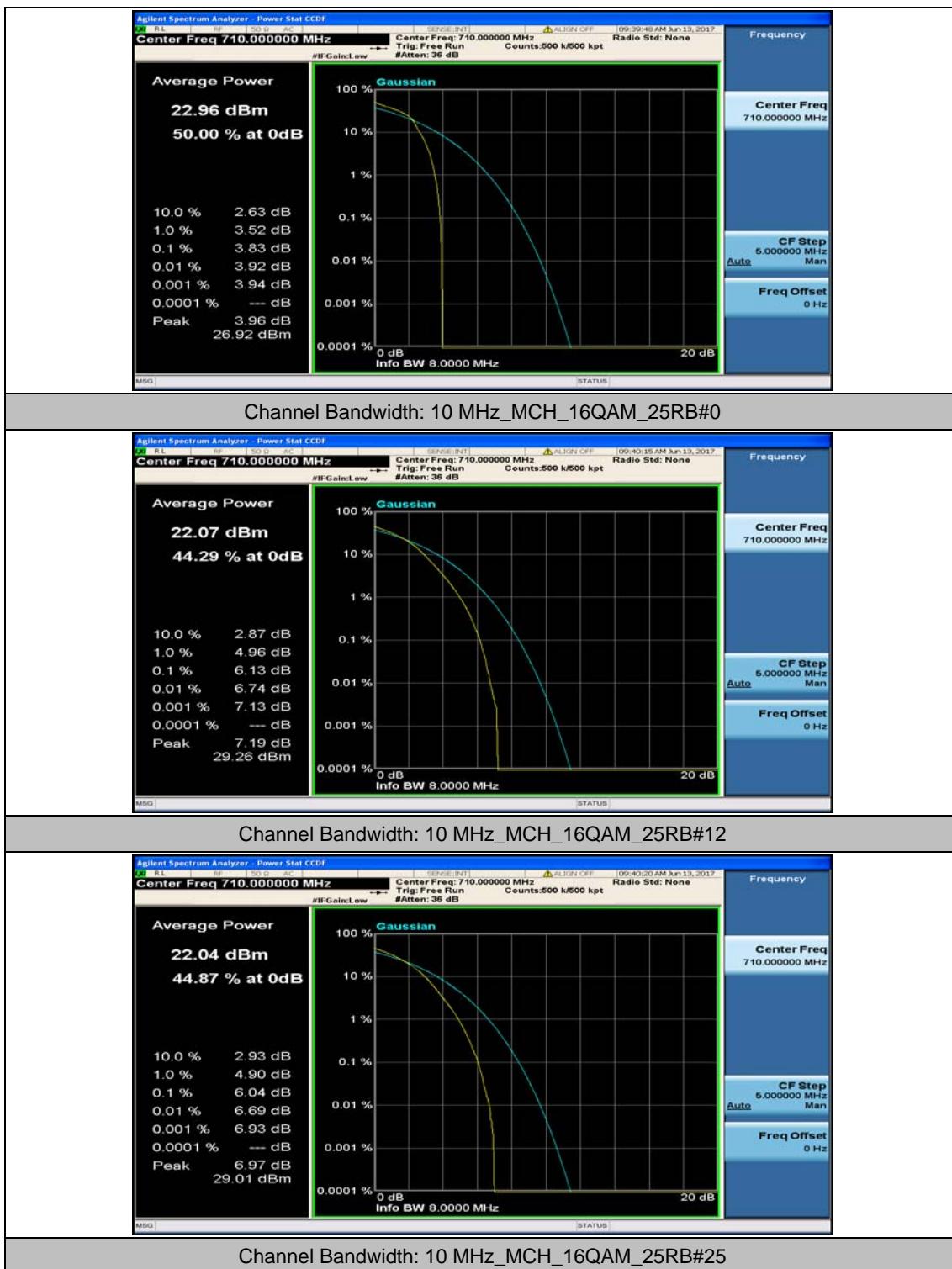


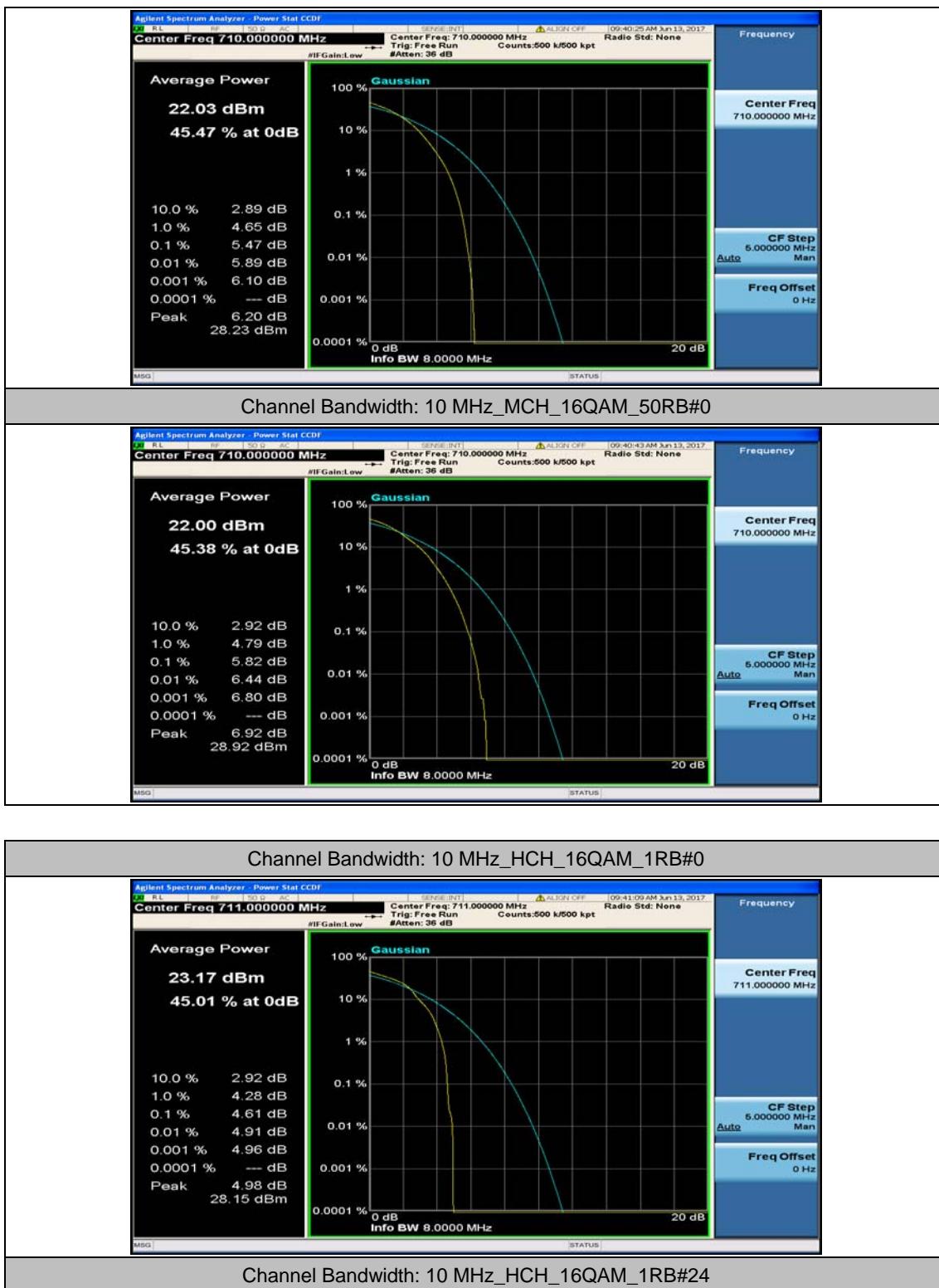


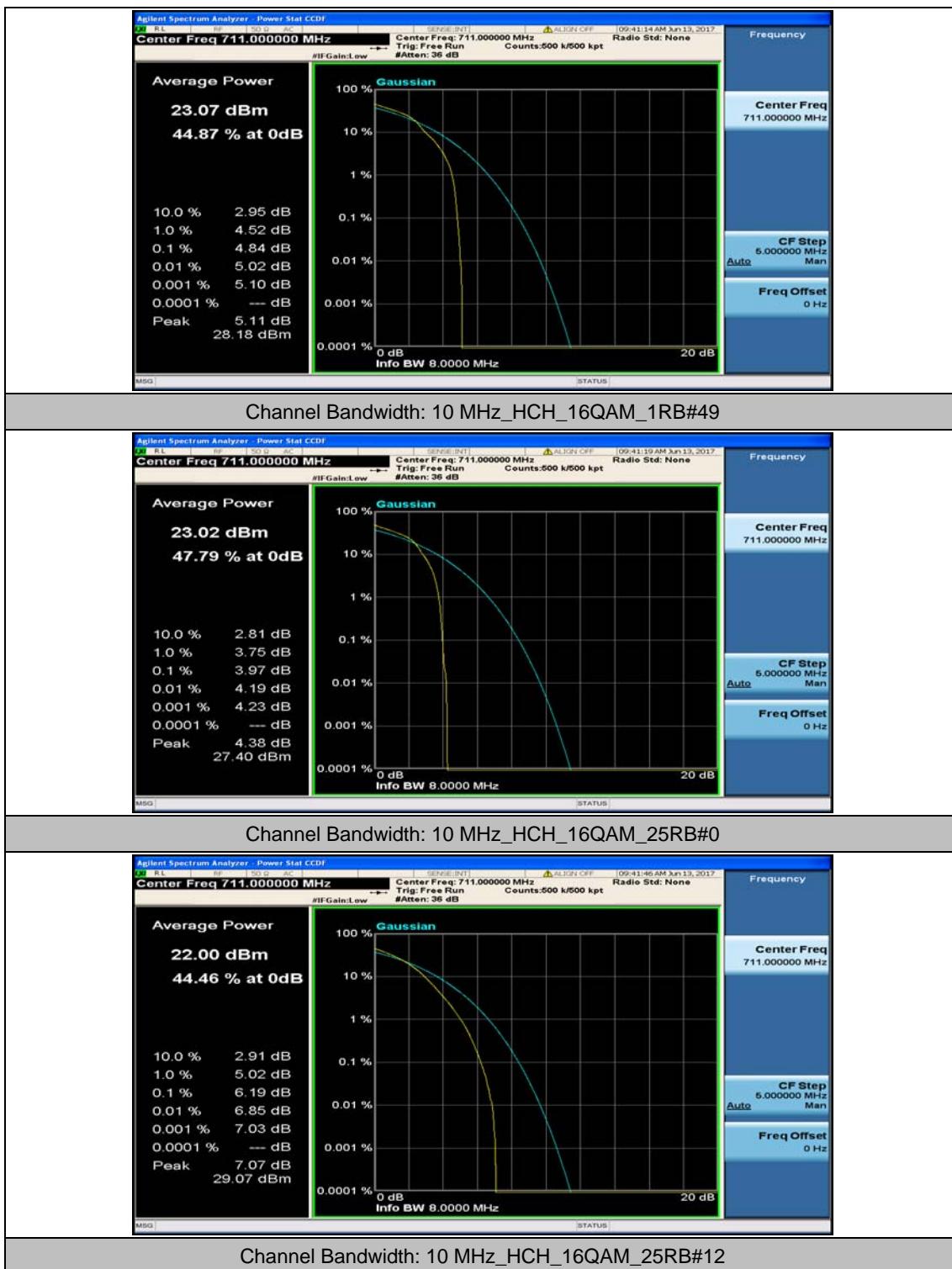


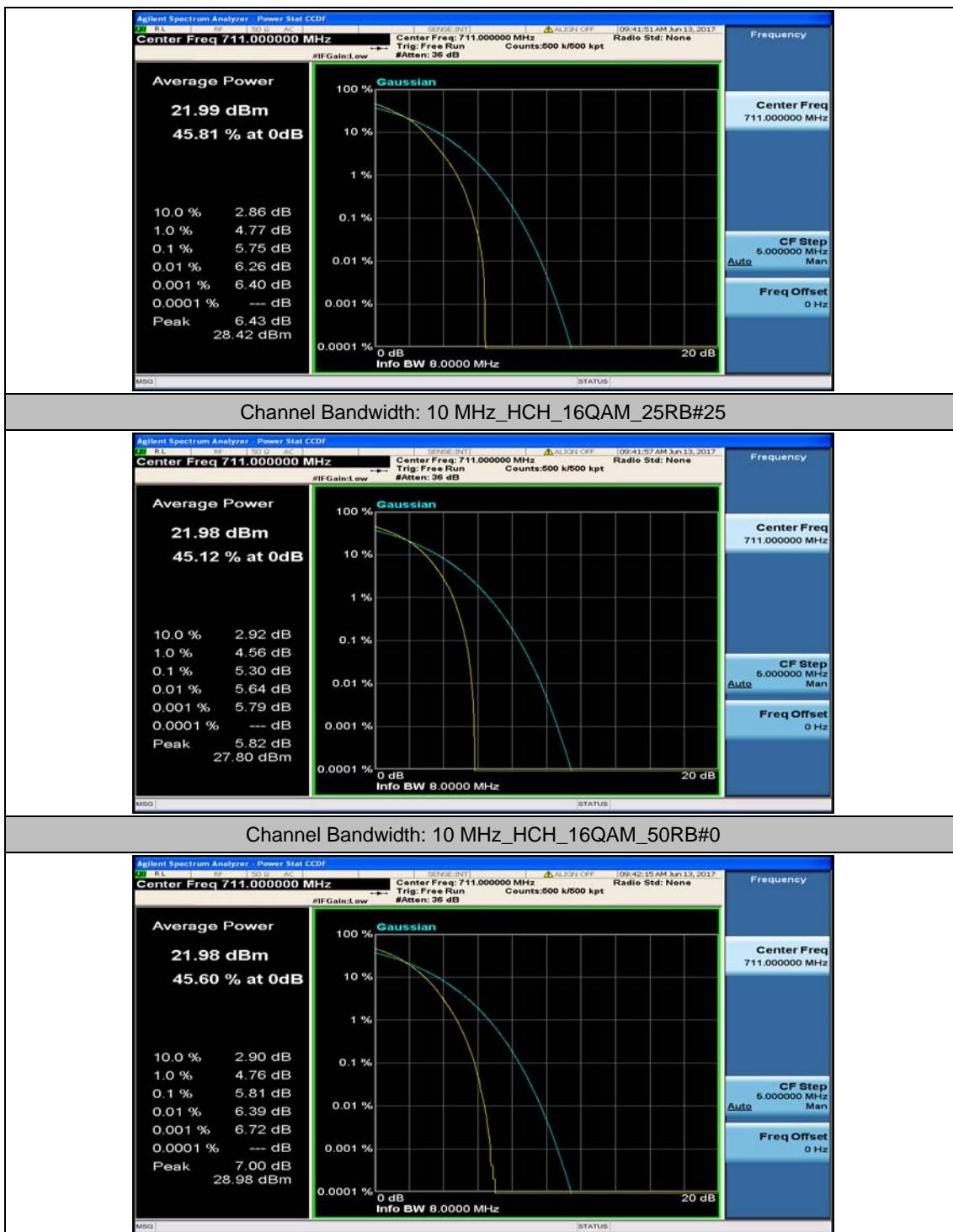


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49









Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Channel Bandwidth: 5 MHz

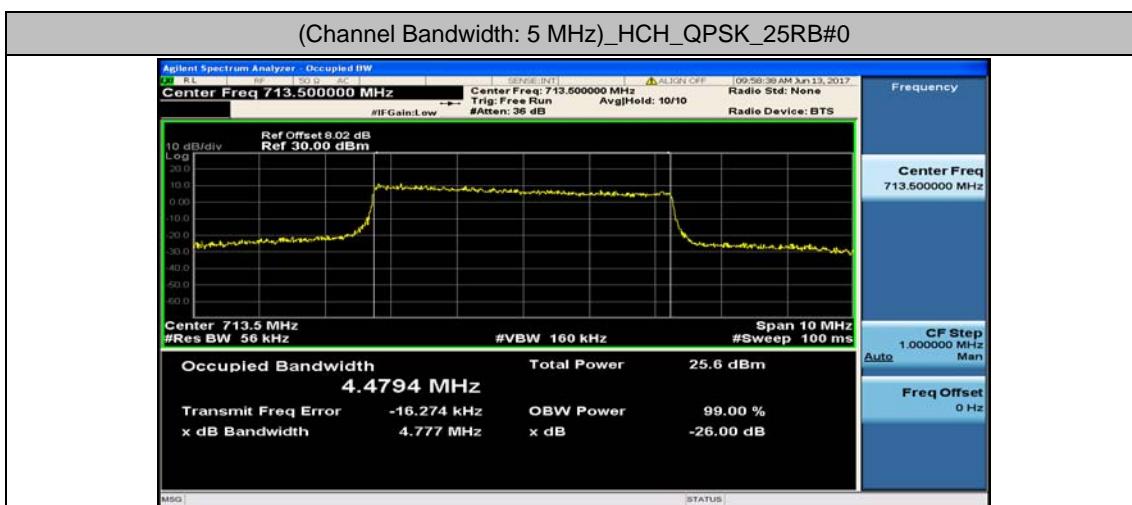
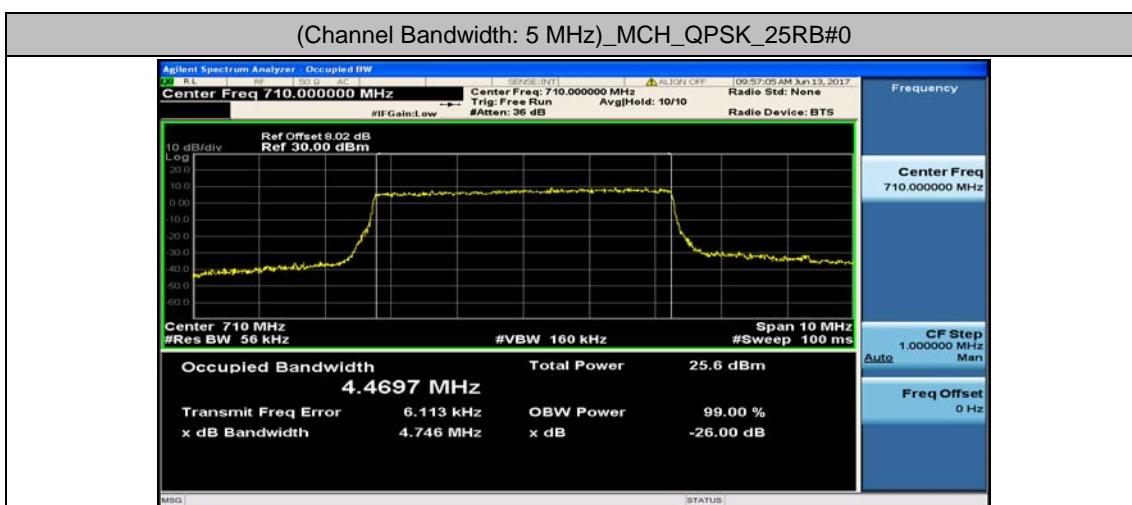
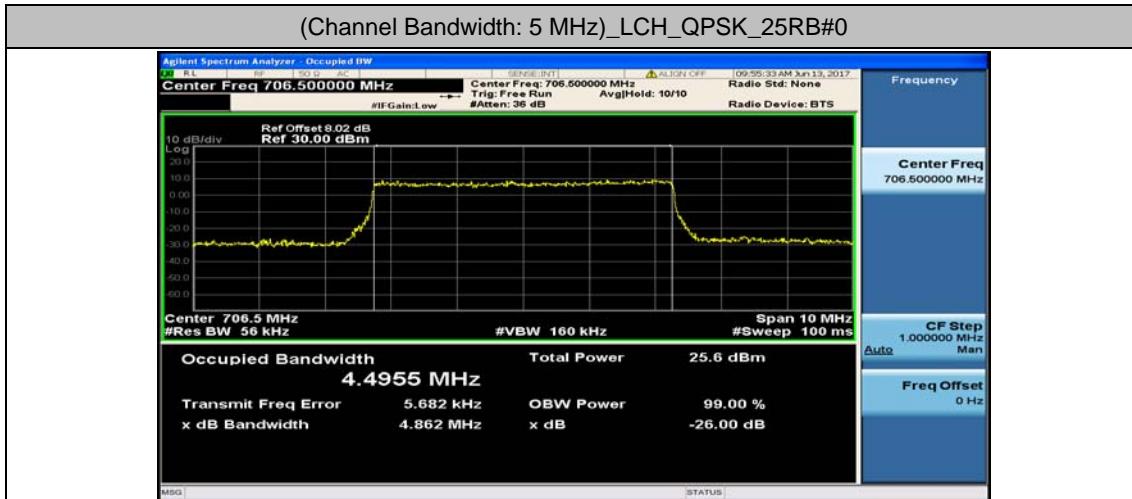
Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	25	0	4.4955	4.862	PASS
	MCH	25	0	4.4697	4.746	PASS
	HCH	25	0	4.4794	4.777	PASS
16QAM	LCH	25	0	4.4912	4.779	PASS
	MCH	25	0	4.4729	4.814	PASS
	HCH	25	0	4.4777	4.740	PASS

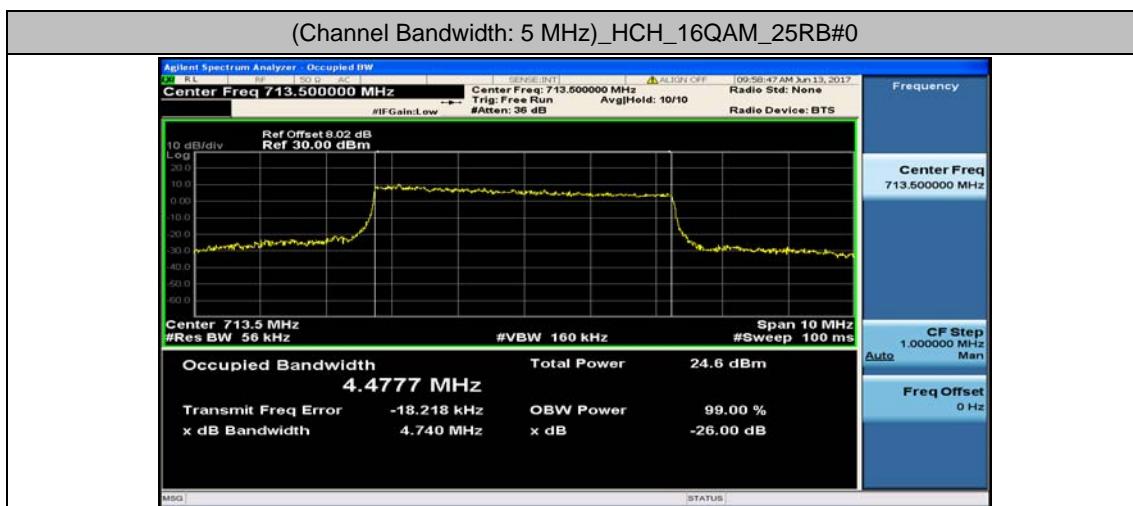
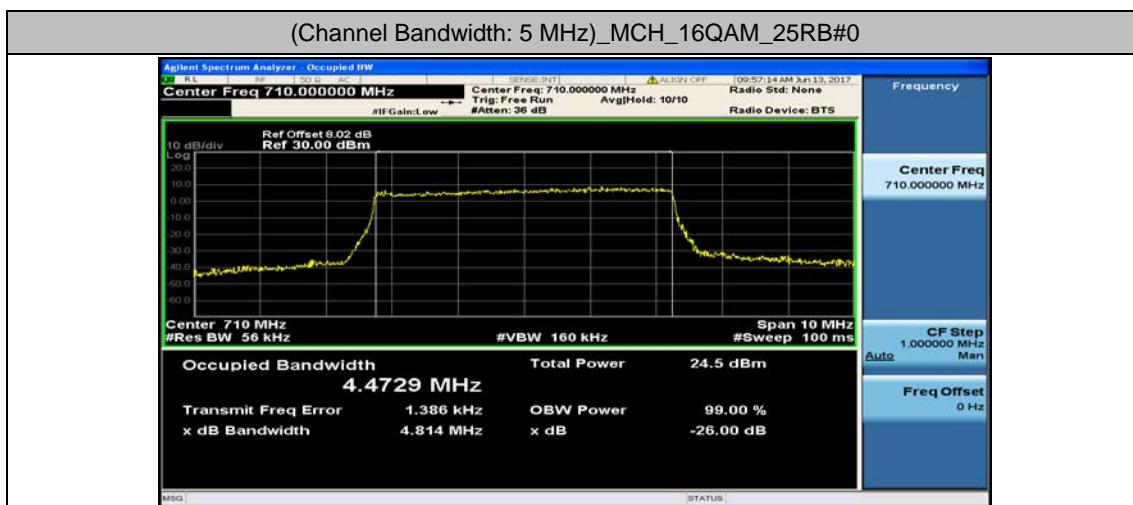
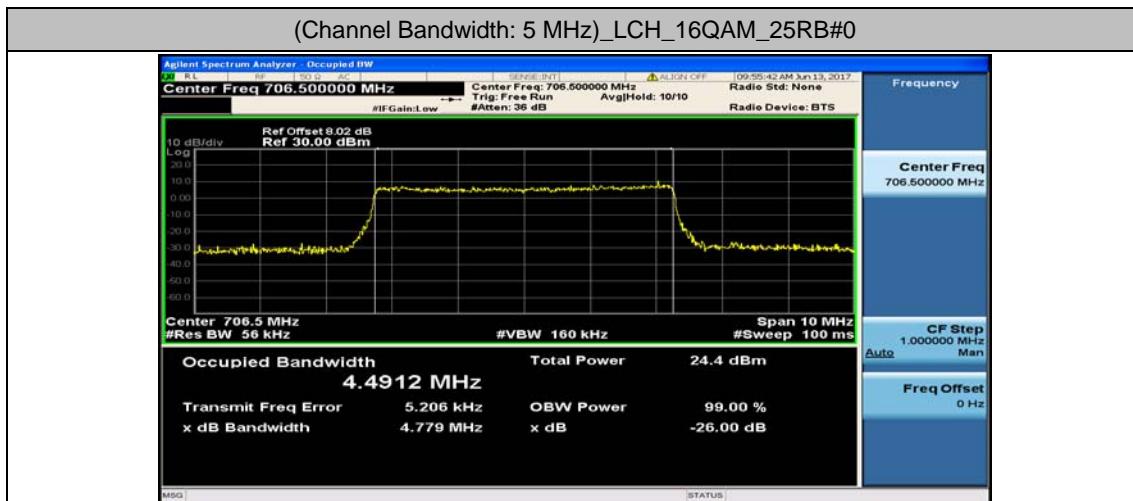
Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	50	0	8.9064	9.380	PASS
	MCH	50	0	8.8986	9.344	PASS
	HCH	50	0	8.8671	9.289	PASS
16QAM	LCH	50	0	8.9094	9.375	PASS
	MCH	50	0	8.8957	9.379	PASS
	HCH	50	0	8.8897	9.353	PASS

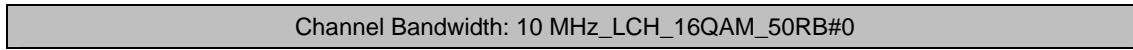
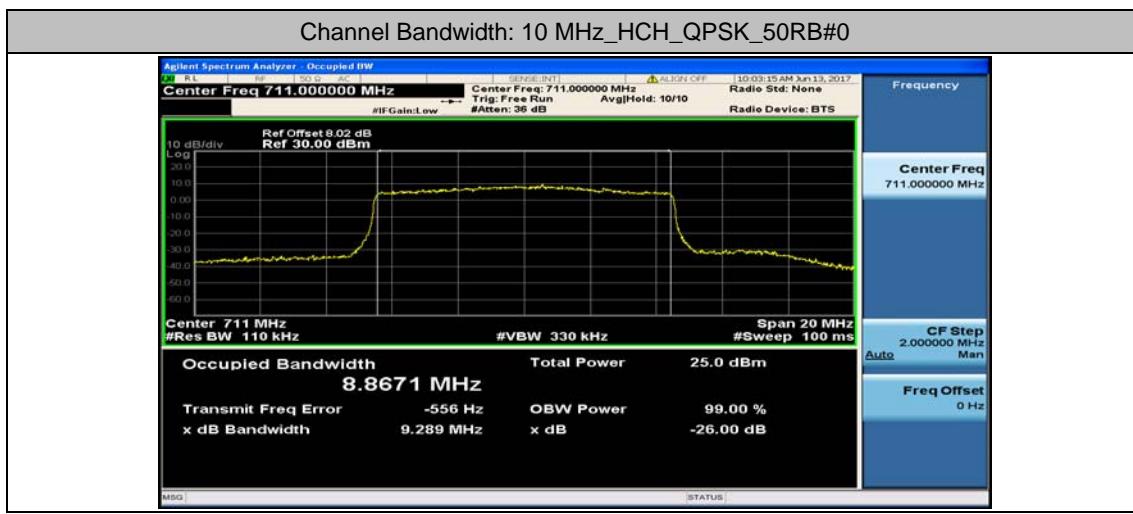
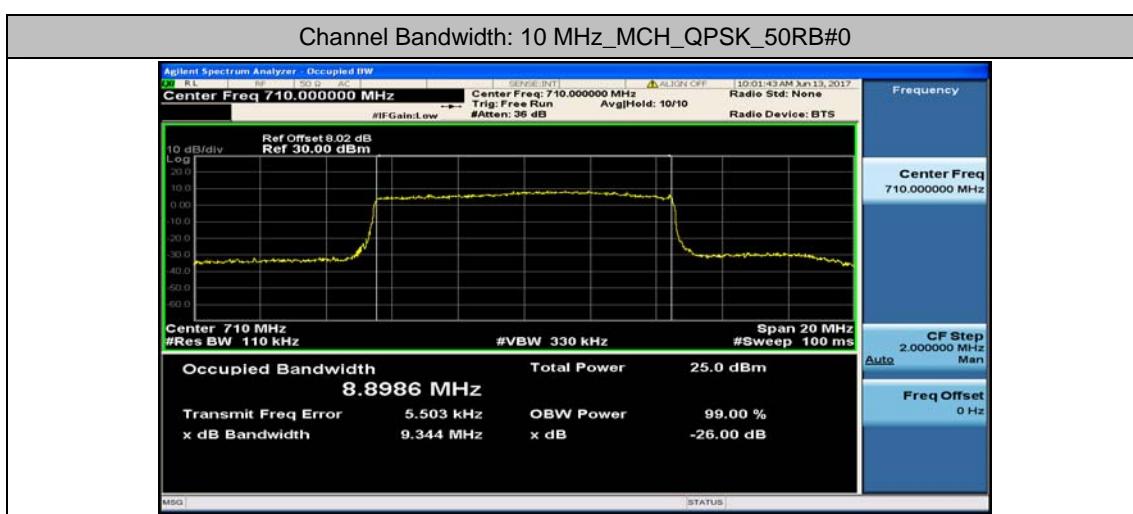
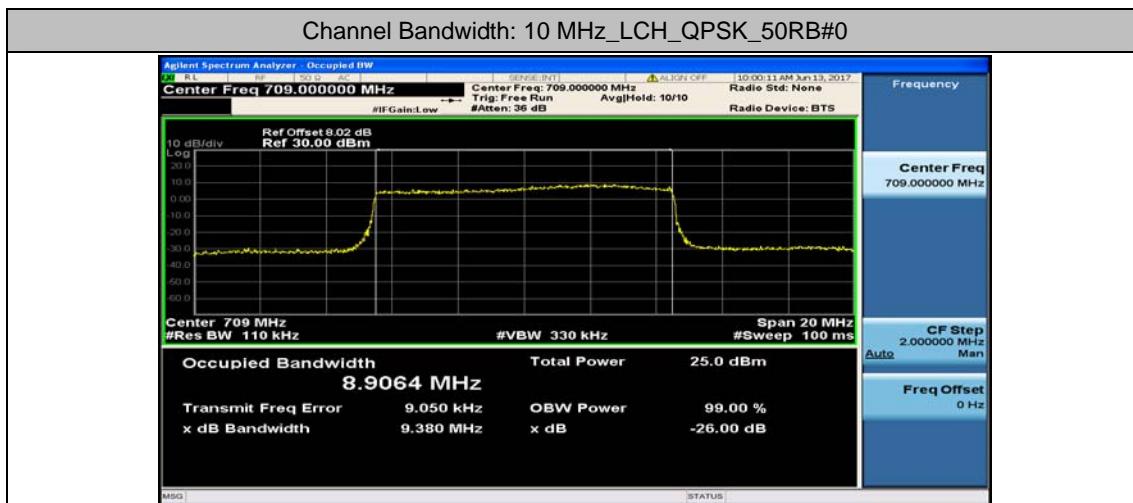
Test Graphs

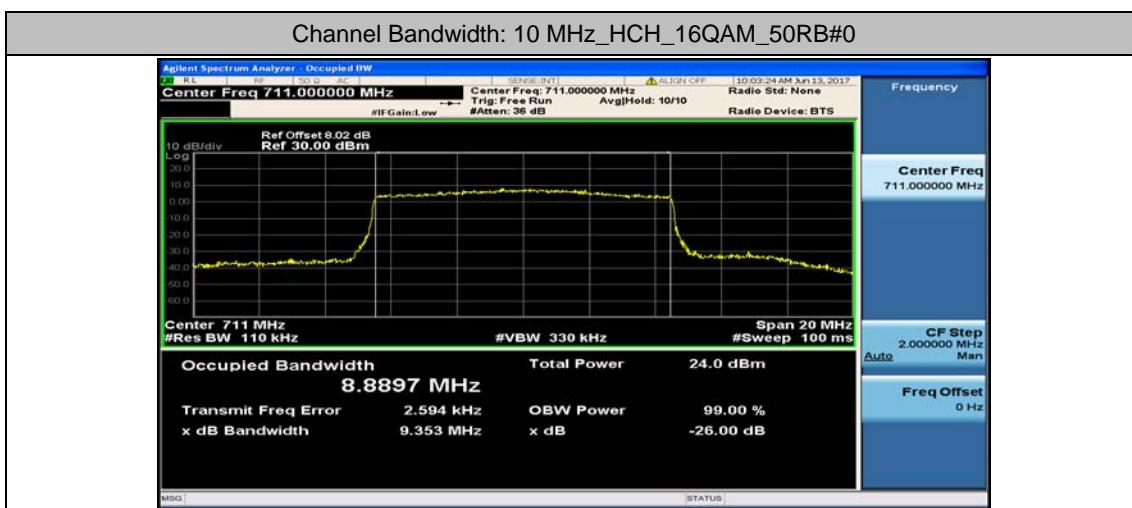
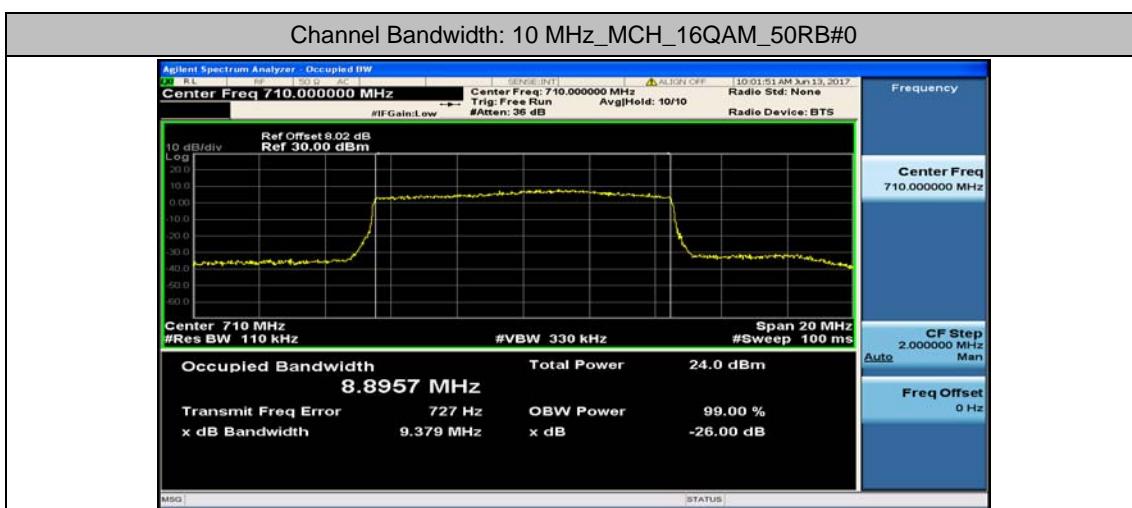
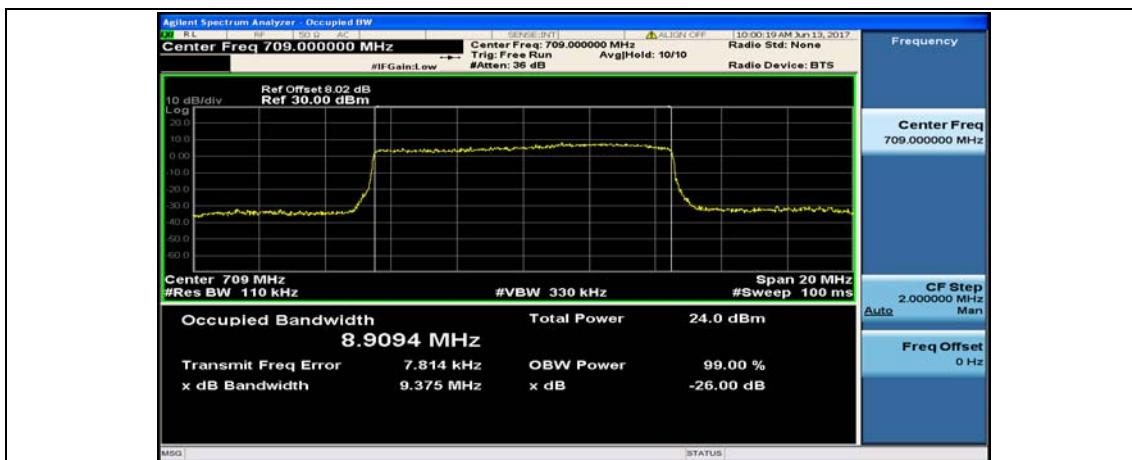
Channel Bandwidth: 5 MHz





Channel Bandwidth: 10 MHz

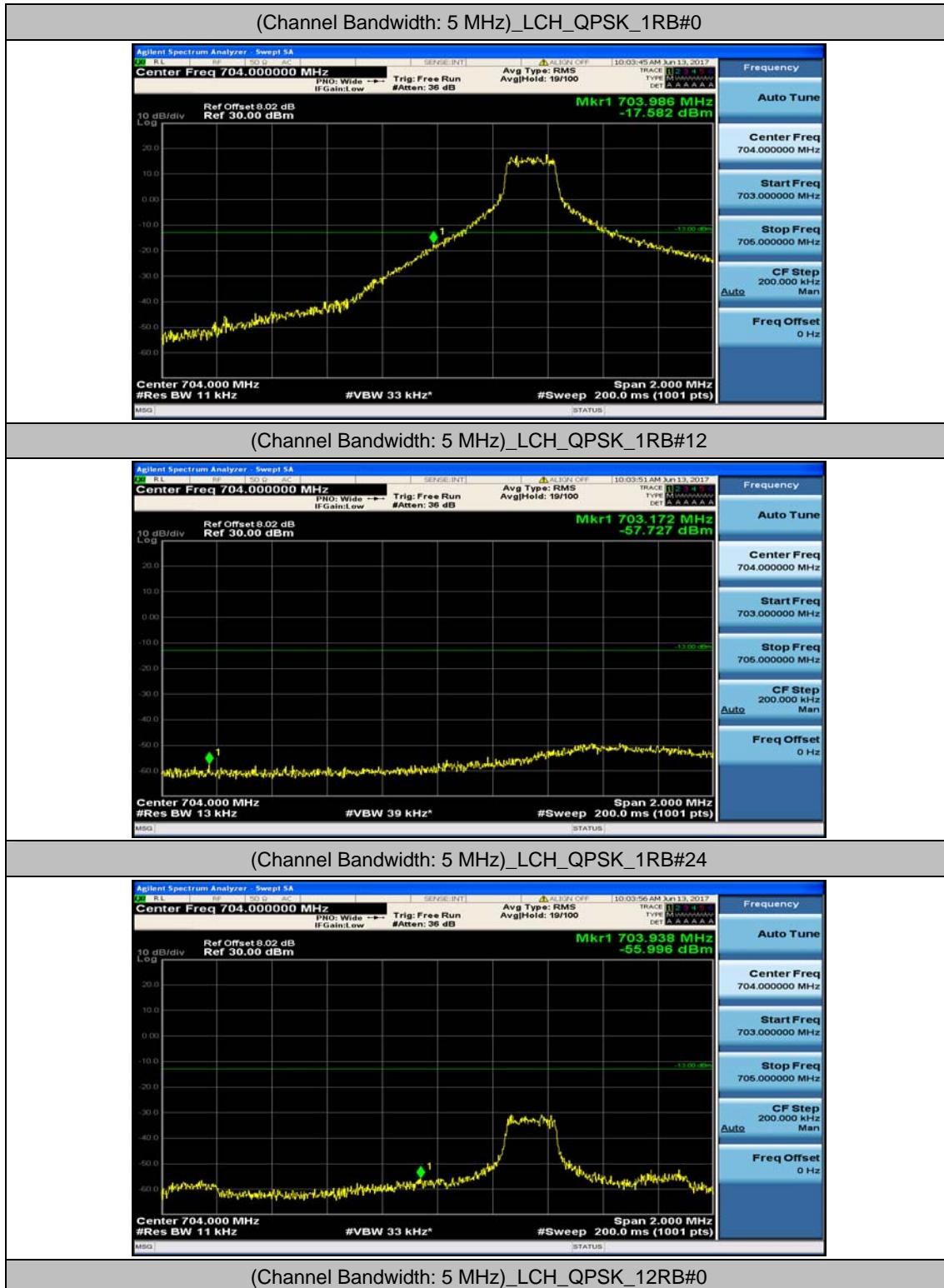


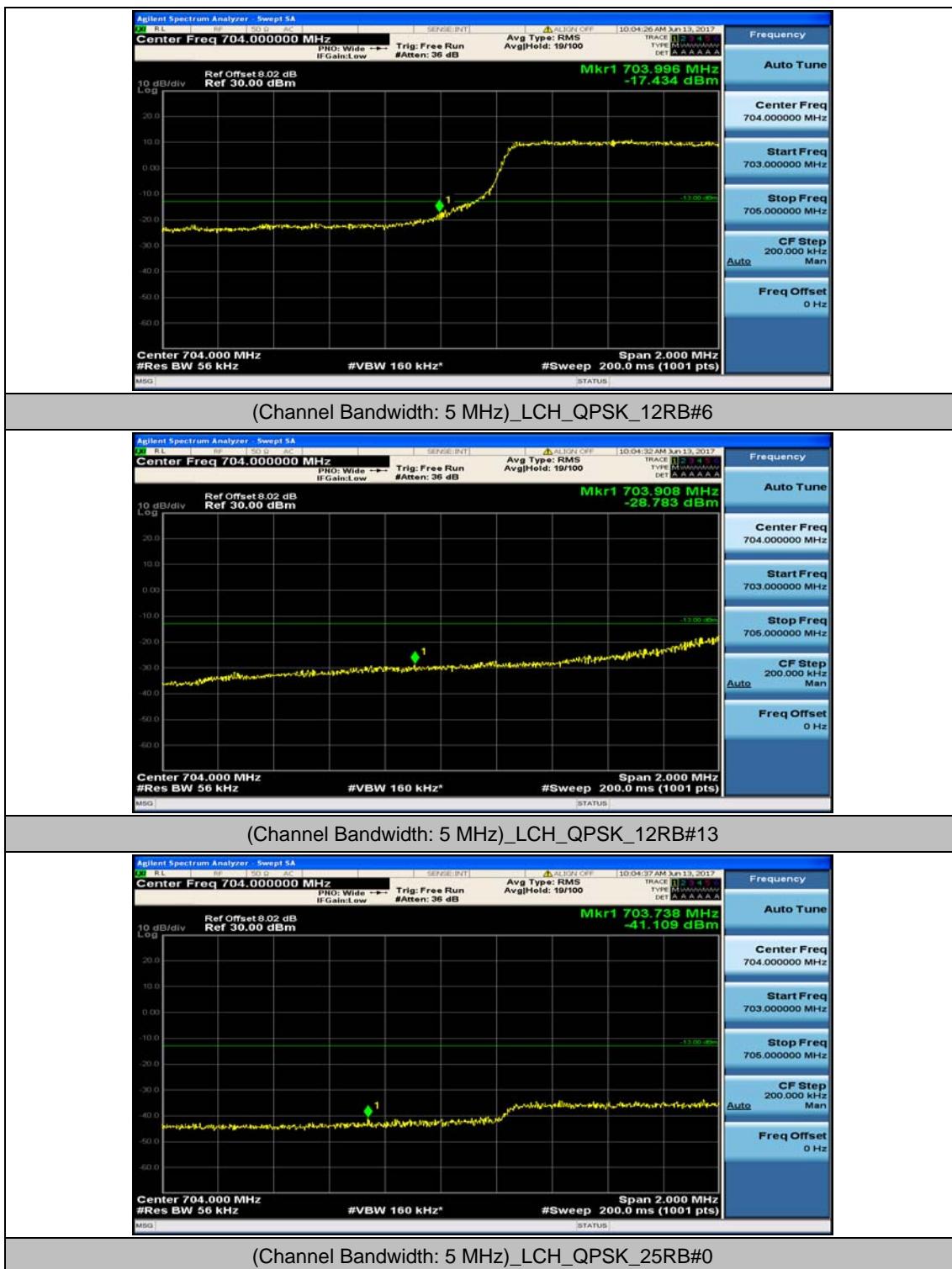


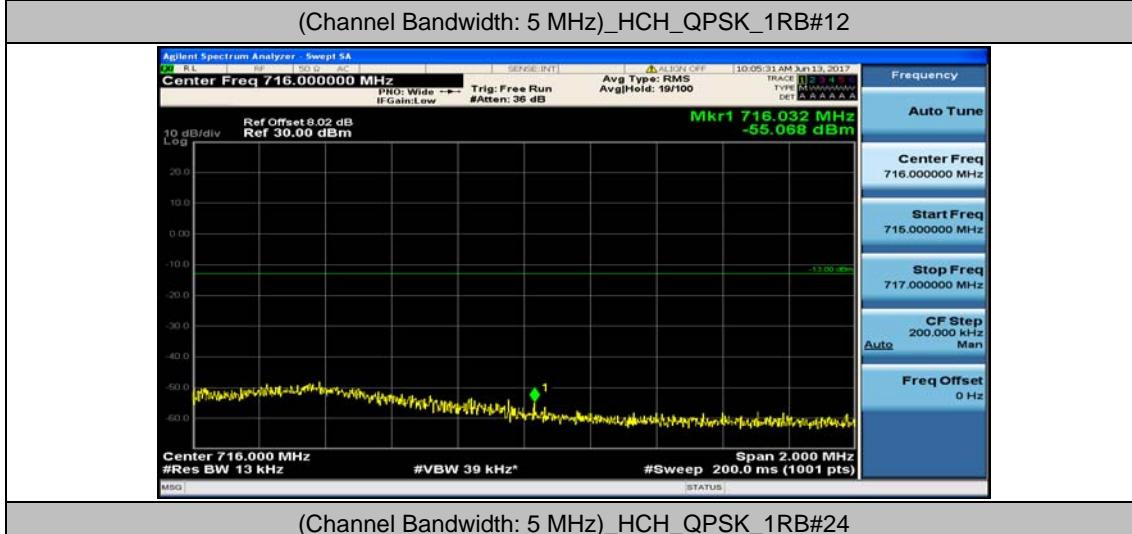
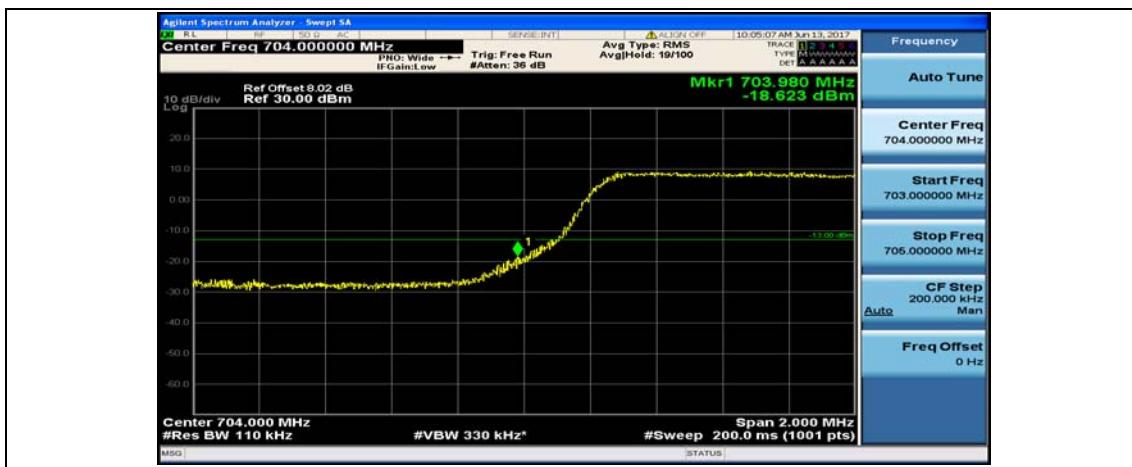
Appendix D: Band Edge

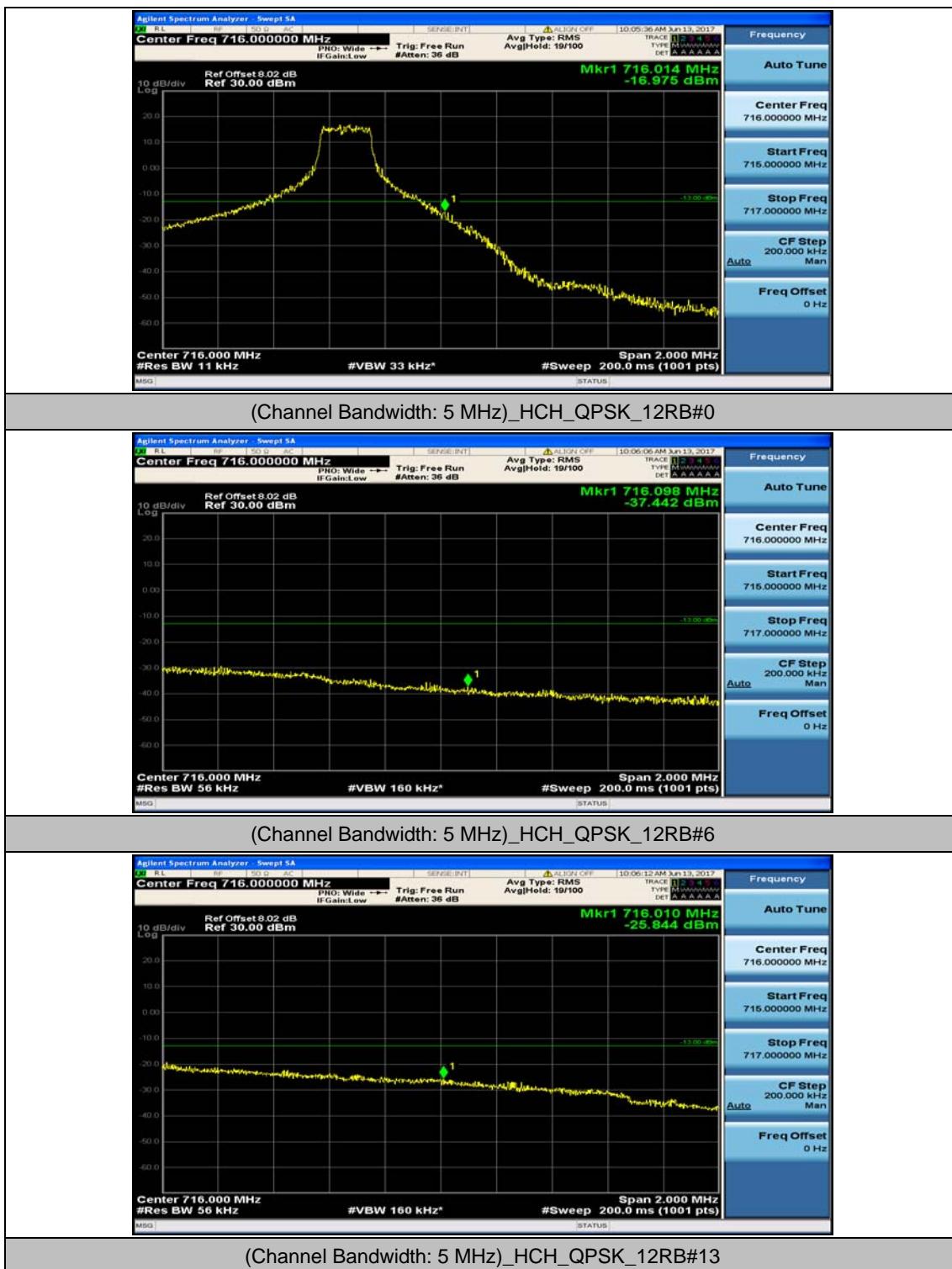
Test Graphs

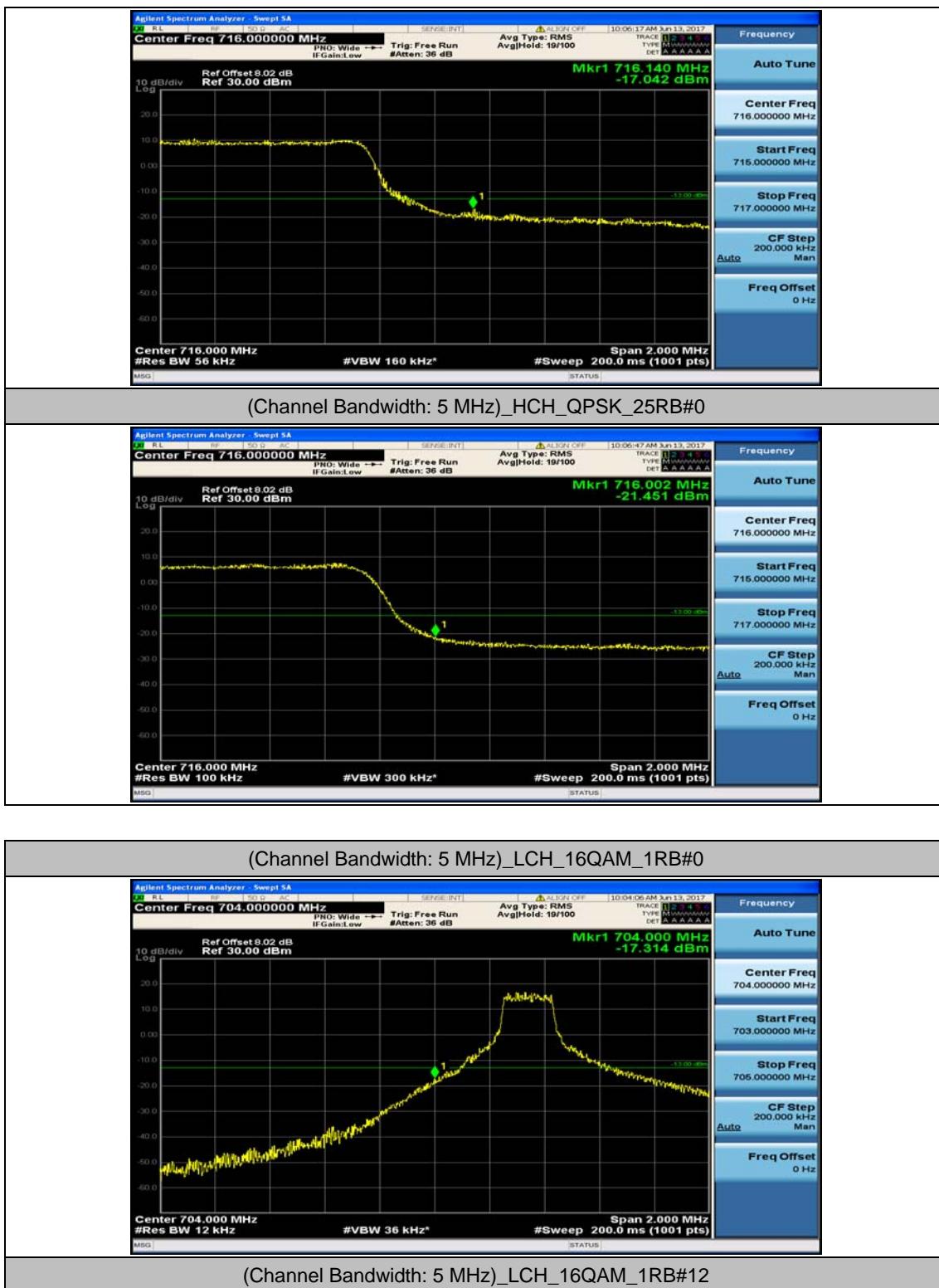
Channel Bandwidth: 5 MHz

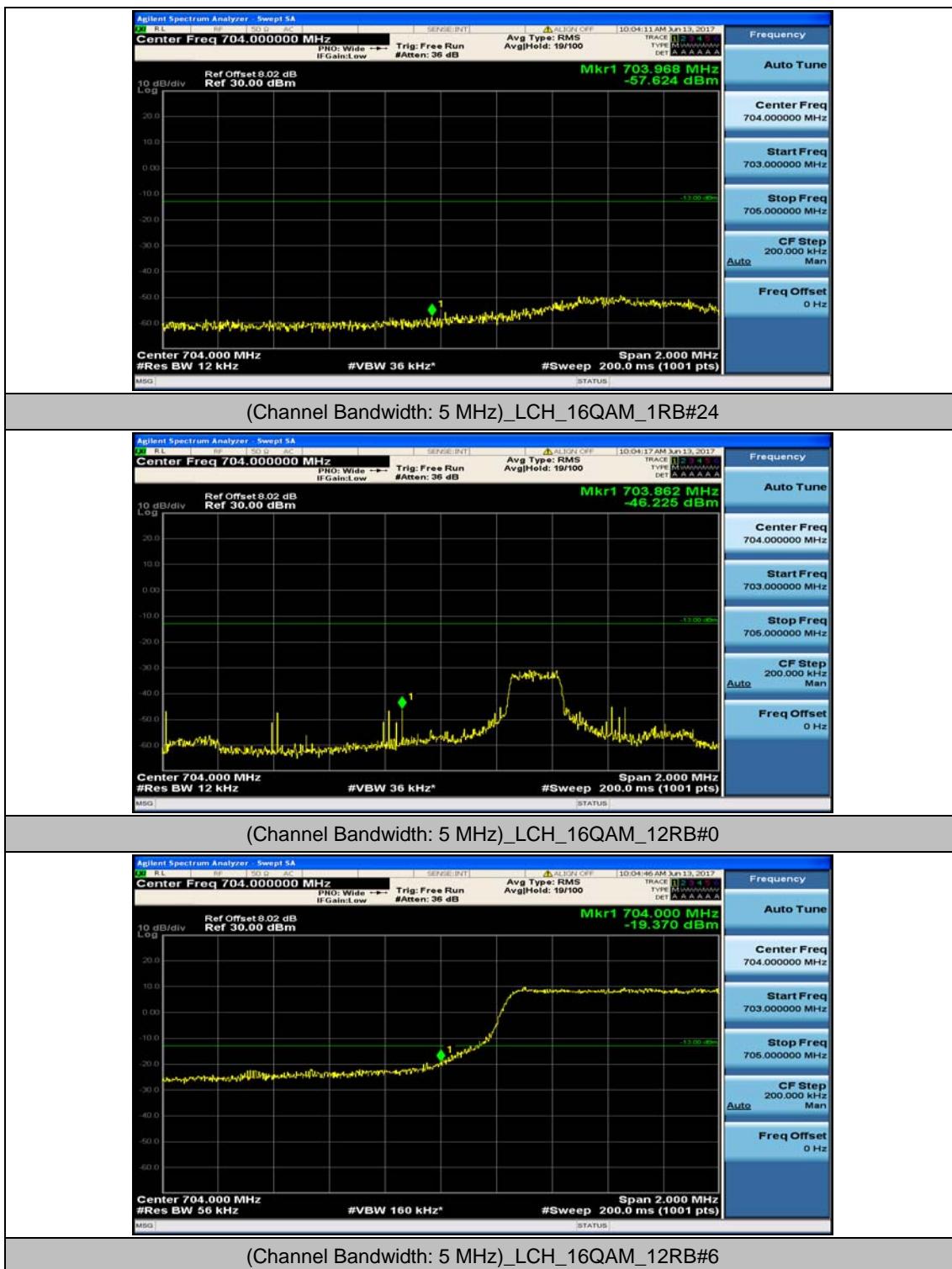


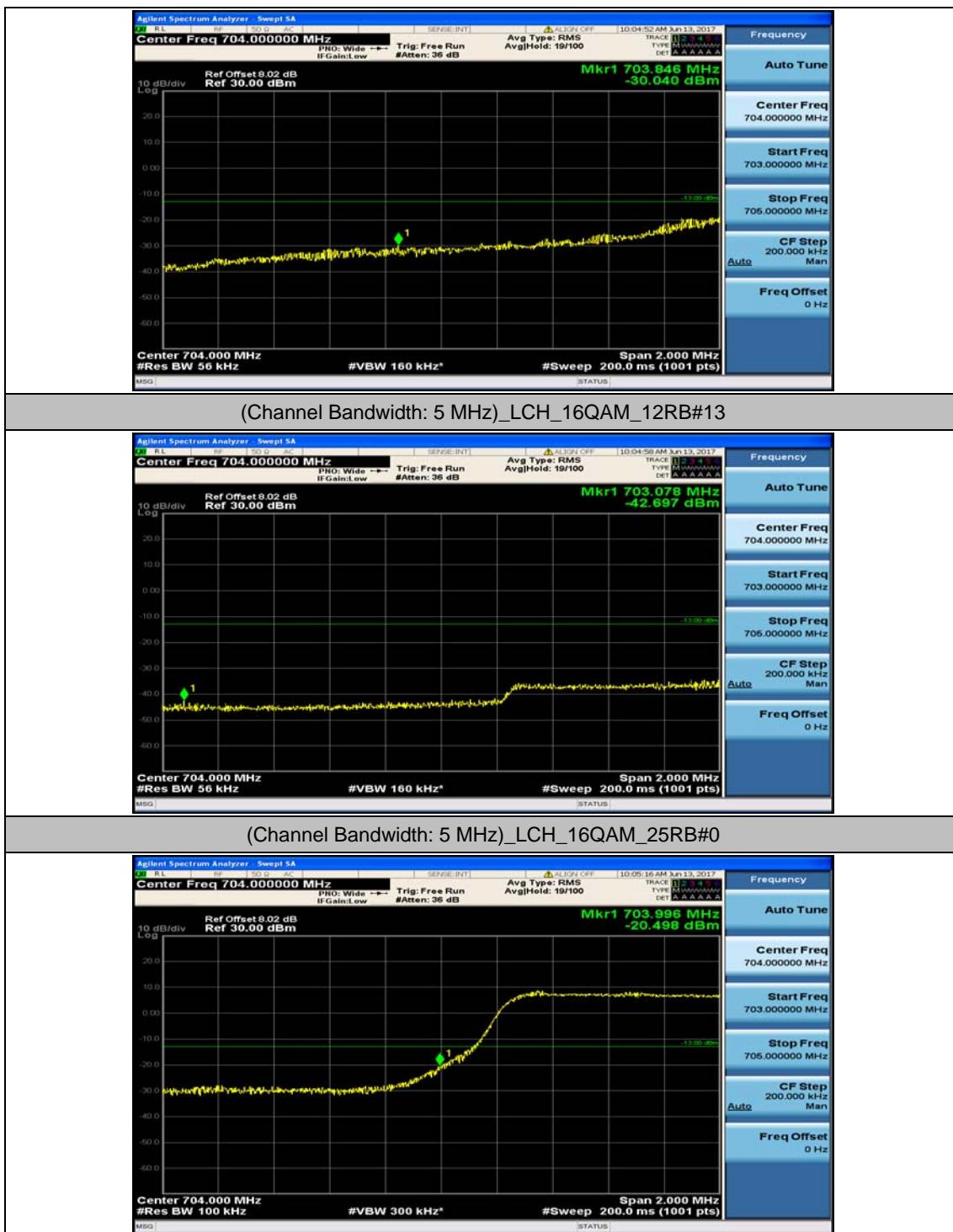


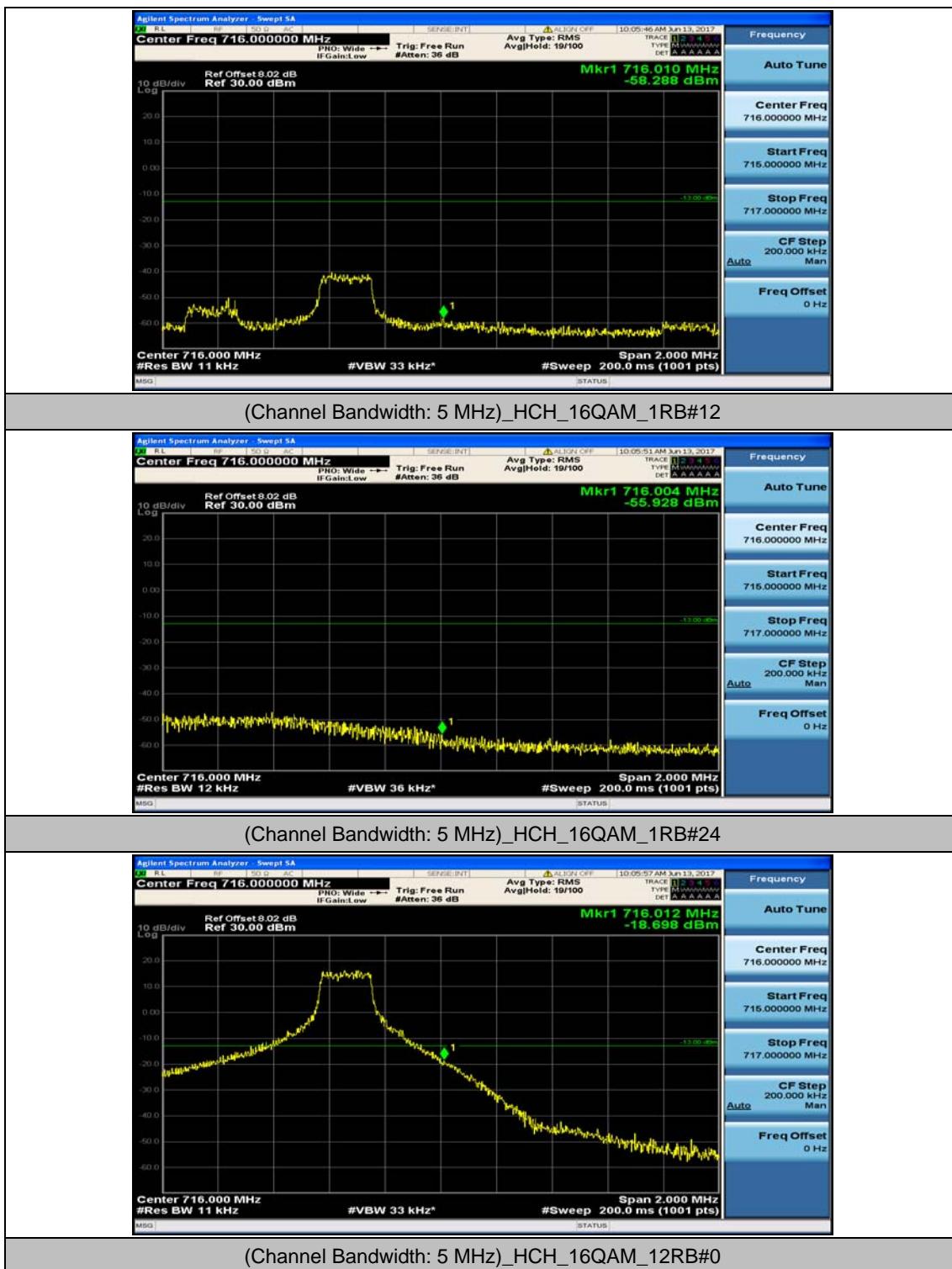


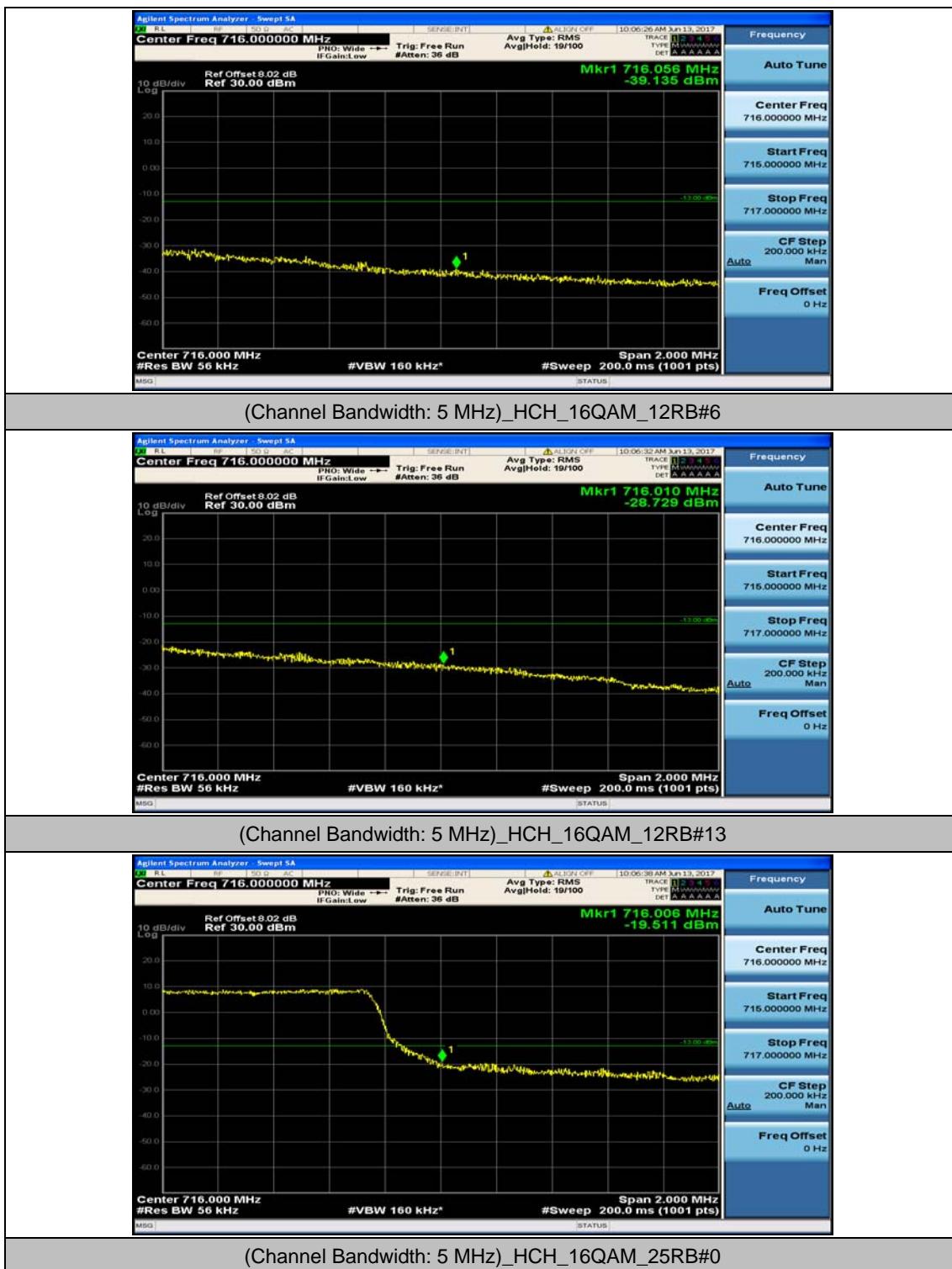










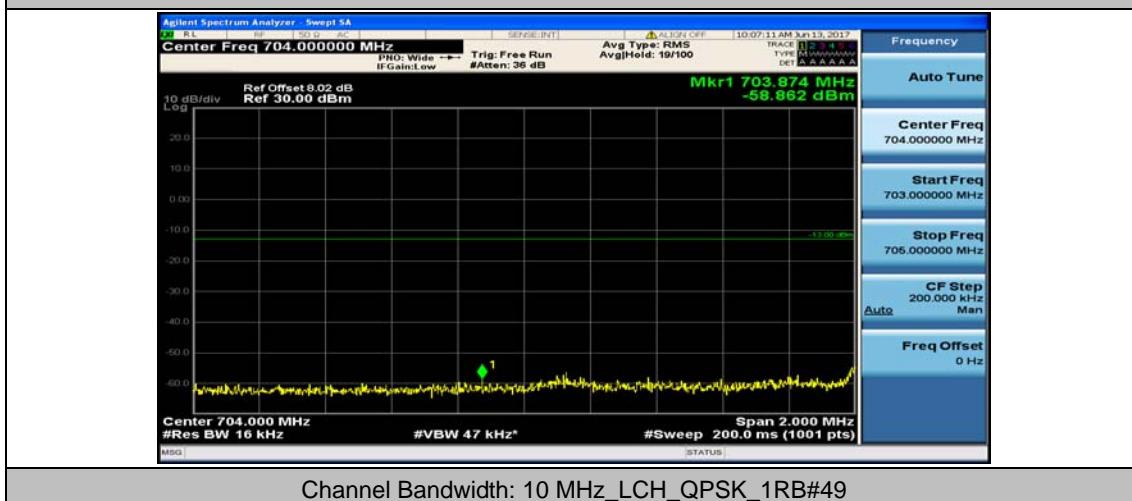




Channel Bandwidth: 10 MHz



Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#24



Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#49

