

Appendix A.2: 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	6	0	4.94	<13	PASS
	MCH	6	0	4.96	<13	PASS
	HCH	6	0	5.42	<13	PASS
16QAM	LCH	6	0	5.84	<13	PASS
	MCH	6	0	5.77	<13	PASS
	HCH	6	0	6.33	<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	15	0	5.12	<13	PASS
	MCH	15	0	5.1	<13	PASS
	HCH	15	0	5.6	<13	PASS
16QAM	LCH	15	0	6.01	<13	PASS
	MCH	15	0	5.93	<13	PASS
	HCH	15	0	6.2	<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	25	0	5.28	<13	PASS
	MCH	25	0	5.15	<13	PASS
	HCH	25	0	5.37	<13	PASS
16QAM	LCH	25	0	6.17	<13	PASS
	MCH	25	0	5.87	<13	PASS
	HCH	25	0	6.14	<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	50	0	5.53	<13	PASS
	MCH	50	0	5.21	<13	PASS
	HCH	50	0	5.2	<13	PASS
16QAM	LCH	50	0	6.23	<13	PASS
	MCH	50	0	5.93	<13	PASS
	HCH	50	0	5.82	<13	PASS

Channel Bandwidth: 15 MHz

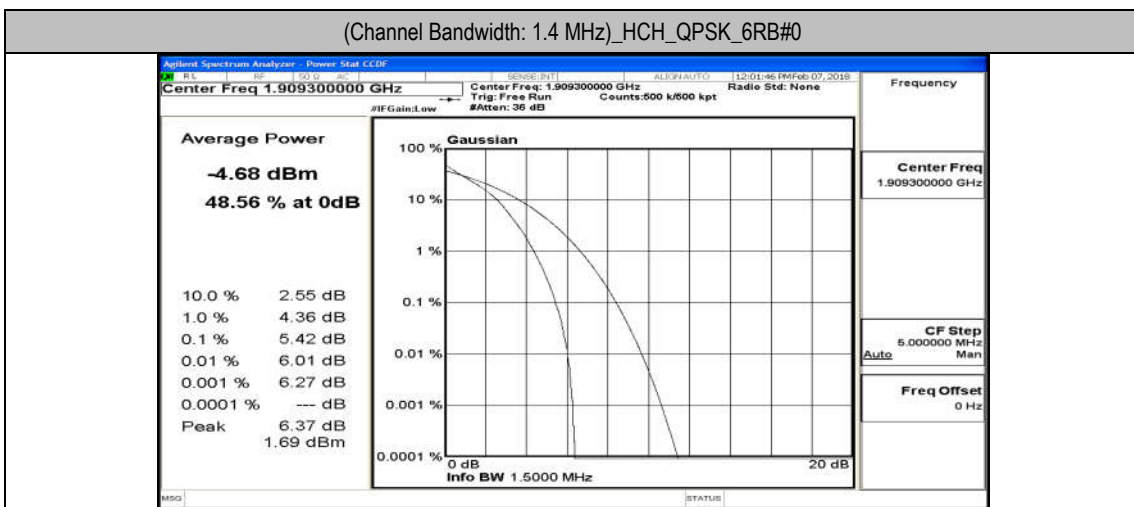
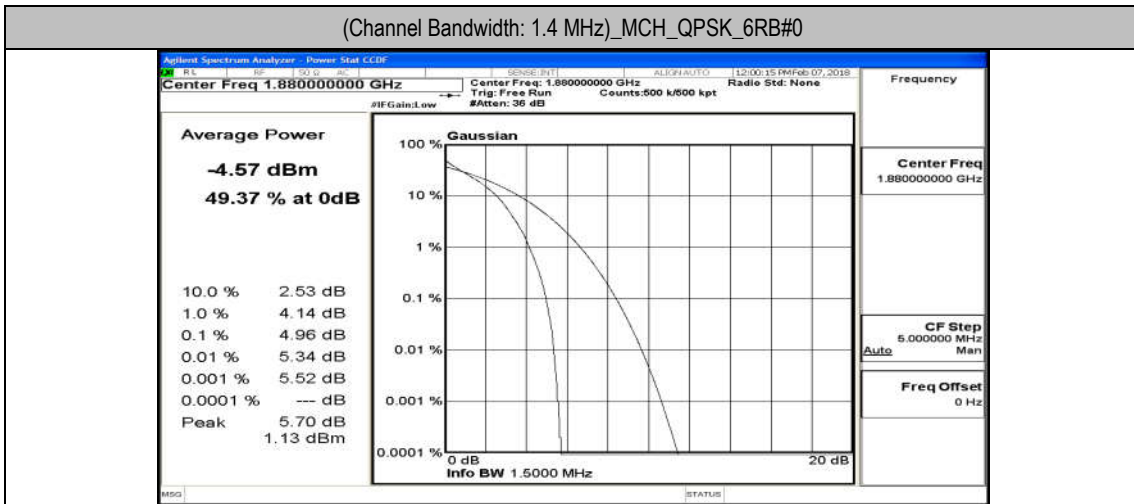
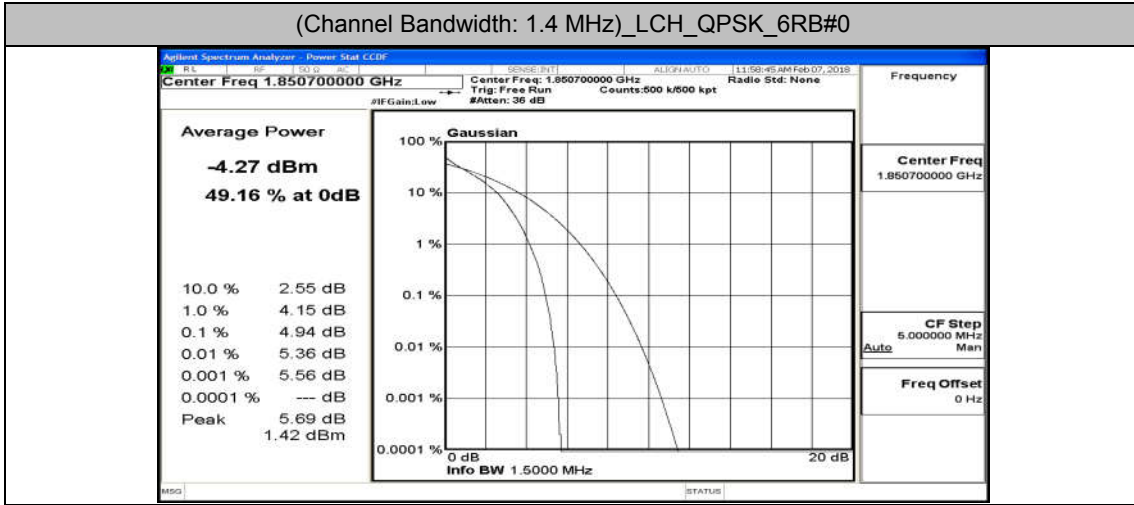
Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	75	0	5.02	<13	PASS
	MCH	75	0	4.82	<13	PASS
	HCH	75	0	4.75	<13	PASS
16QAM	LCH	75	0	6.25	<13	PASS
	MCH	75	0	6.1	<13	PASS
	HCH	75	0	5.95	<13	PASS

Channel Bandwidth: 20 MHz

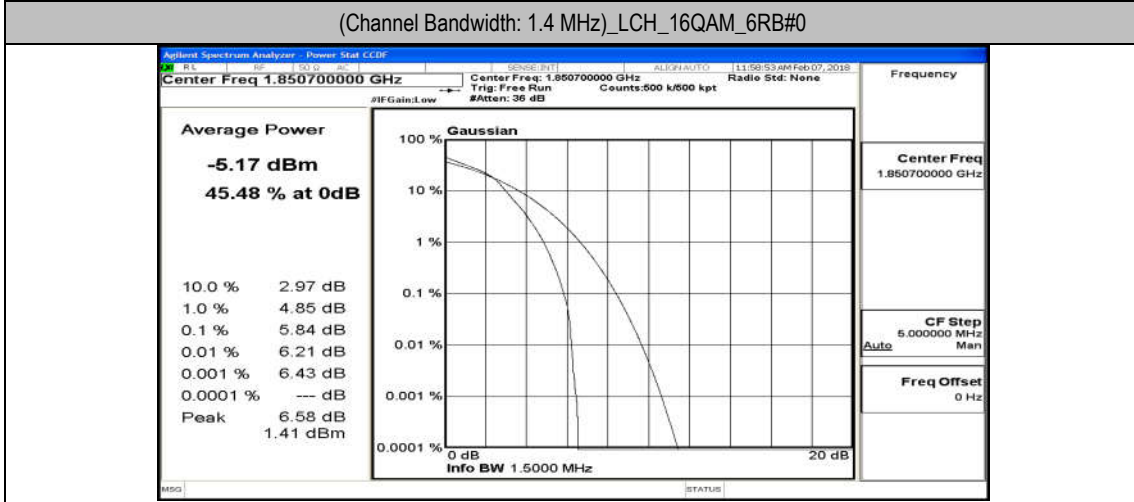
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	100	0	5.73	<13	PASS
	MCH	100	0	5.69	<13	PASS
	HCH	100	0	5.51	<13	PASS
16QAM	LCH	100	0	6.71	<13	PASS
	MCH	100	0	6.63	<13	PASS
	HCH	100	0	6.43	<13	PASS

Test Graphs

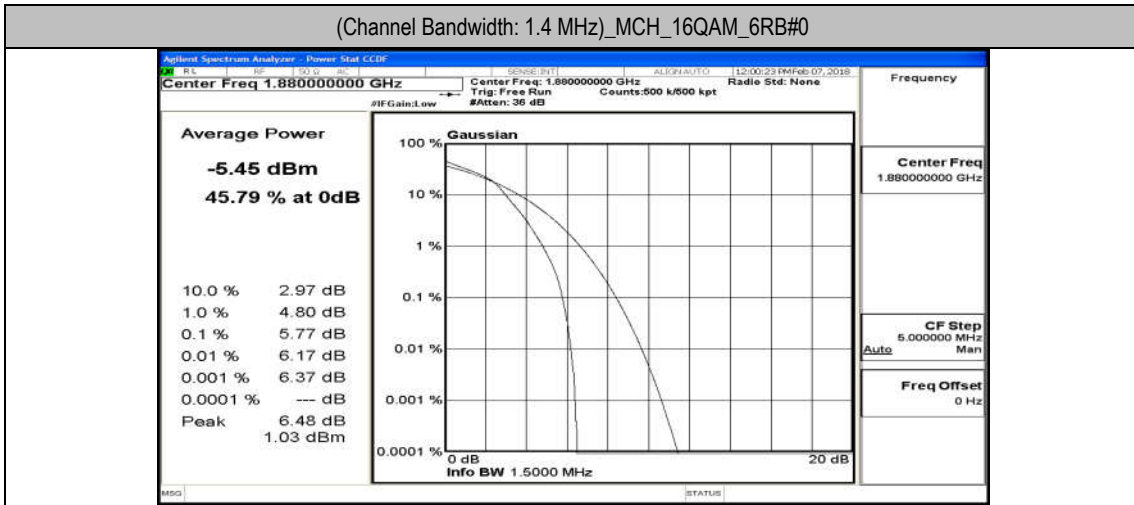
Channel Bandwidth: 1.4 MHz



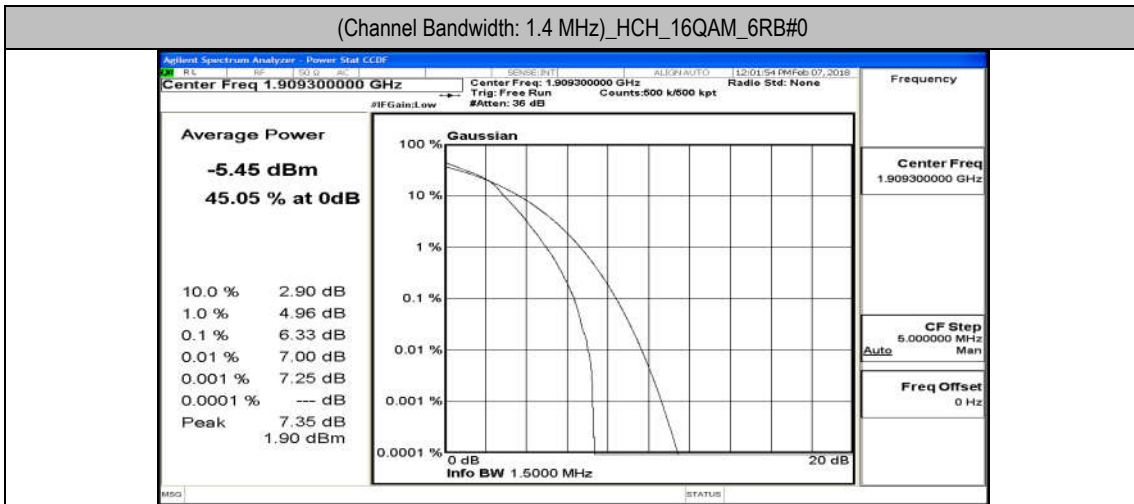
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0



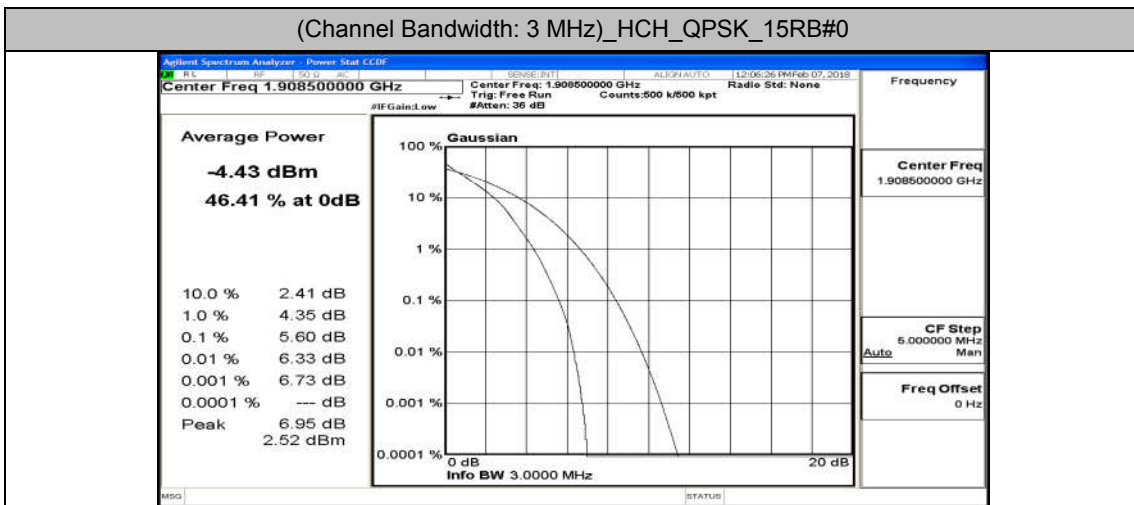
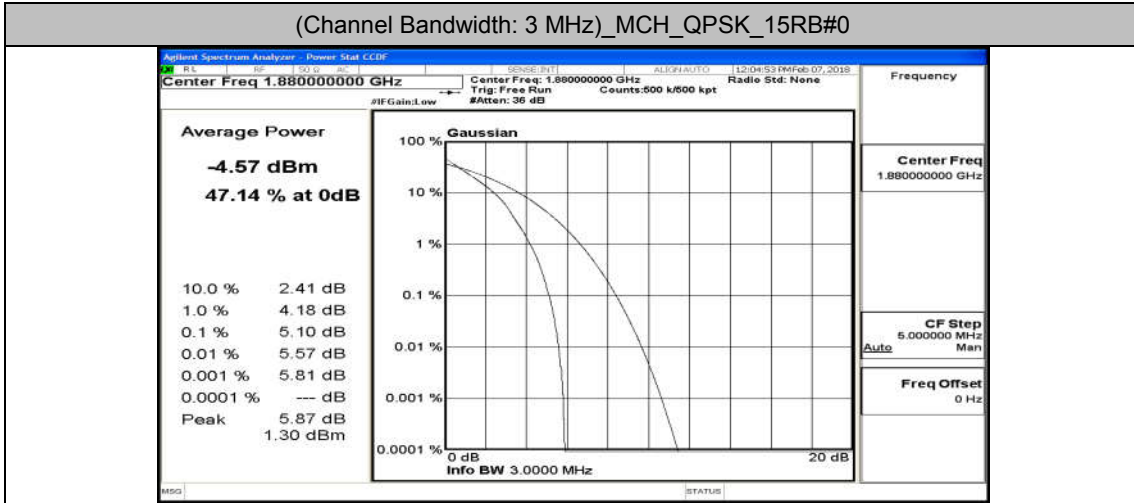
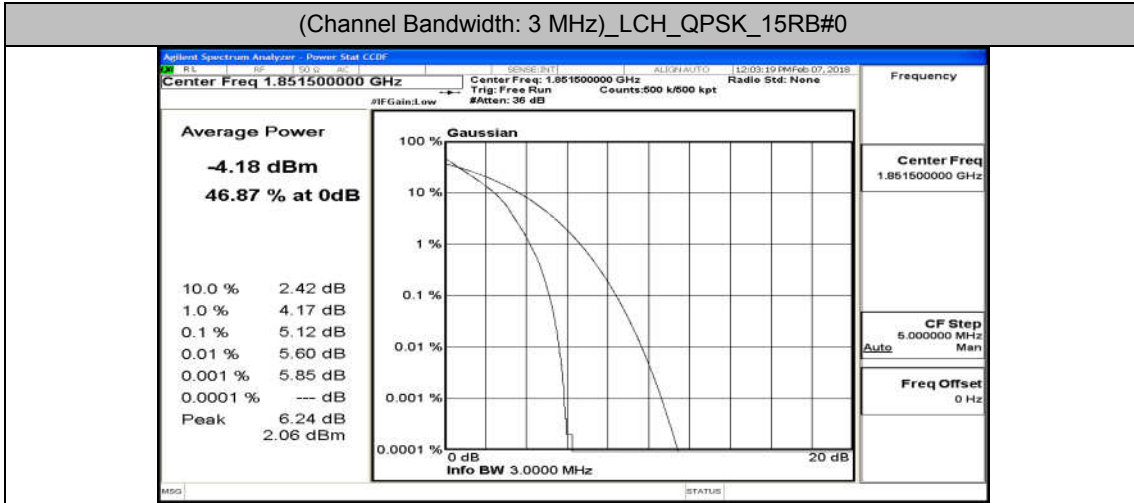
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0



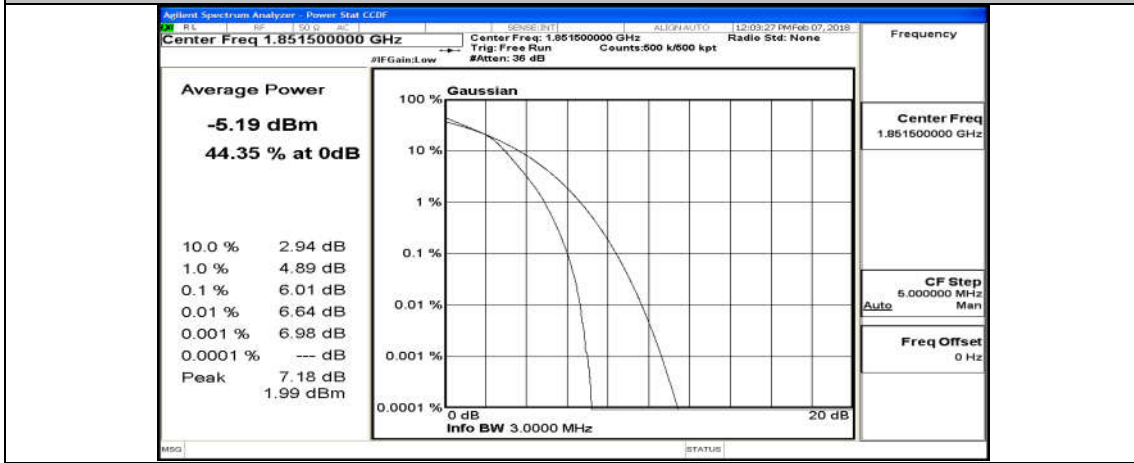
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0



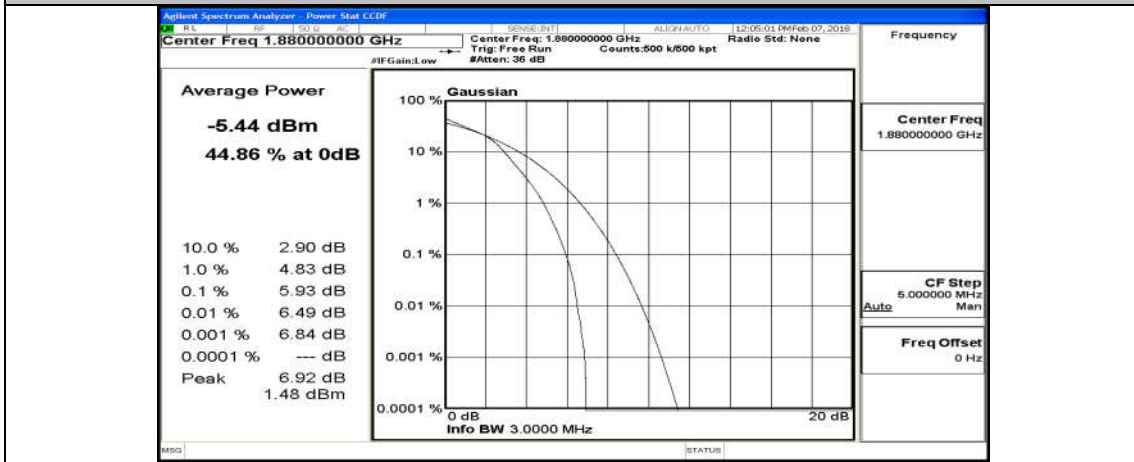
Channel Bandwidth: 3 MHz



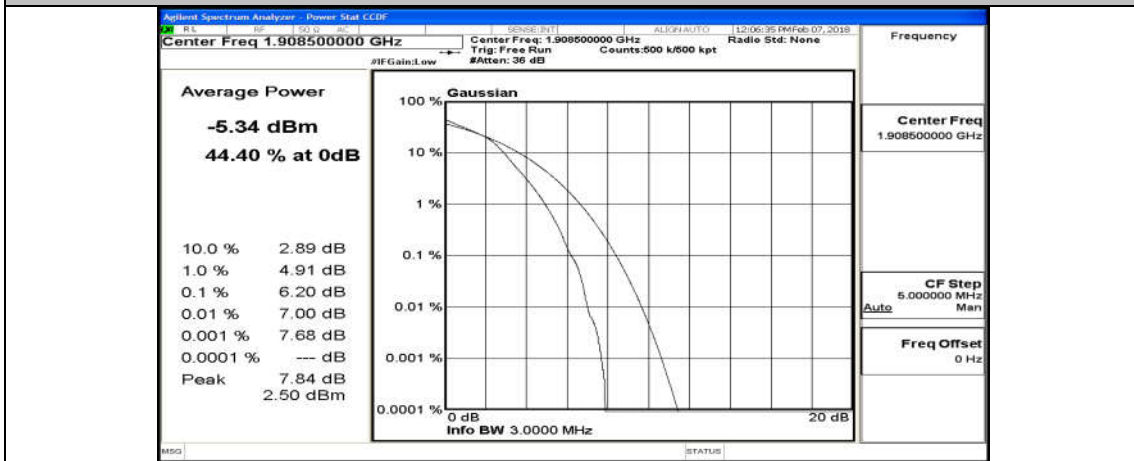
(Channel Bandwidth: 3 MHz)_LCH_16QAM_15RB#0



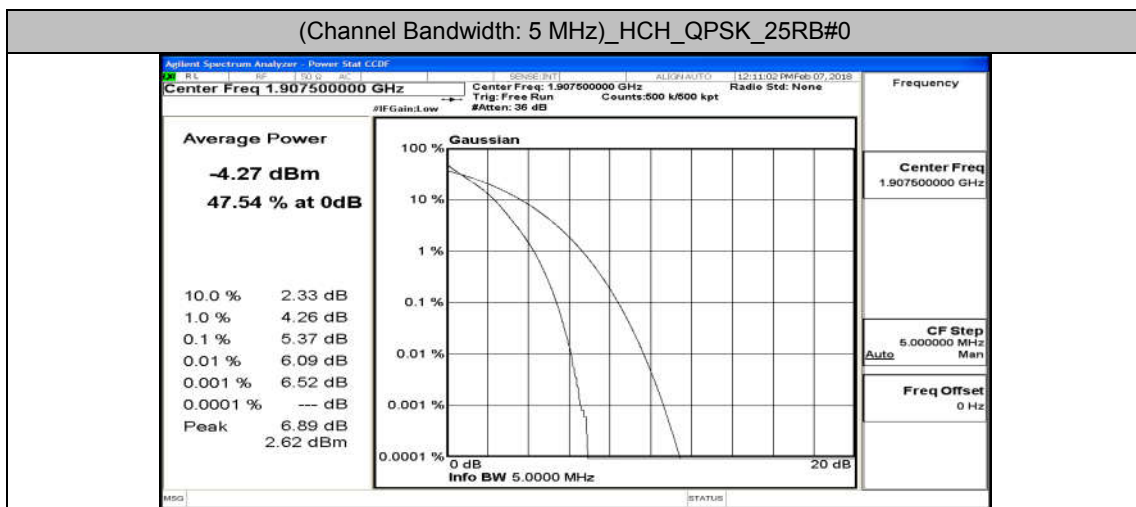
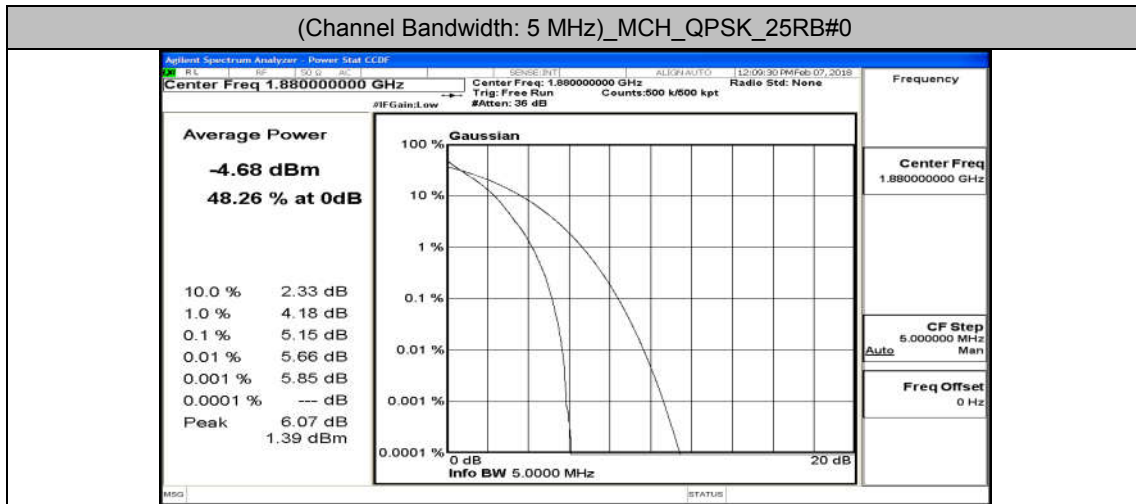
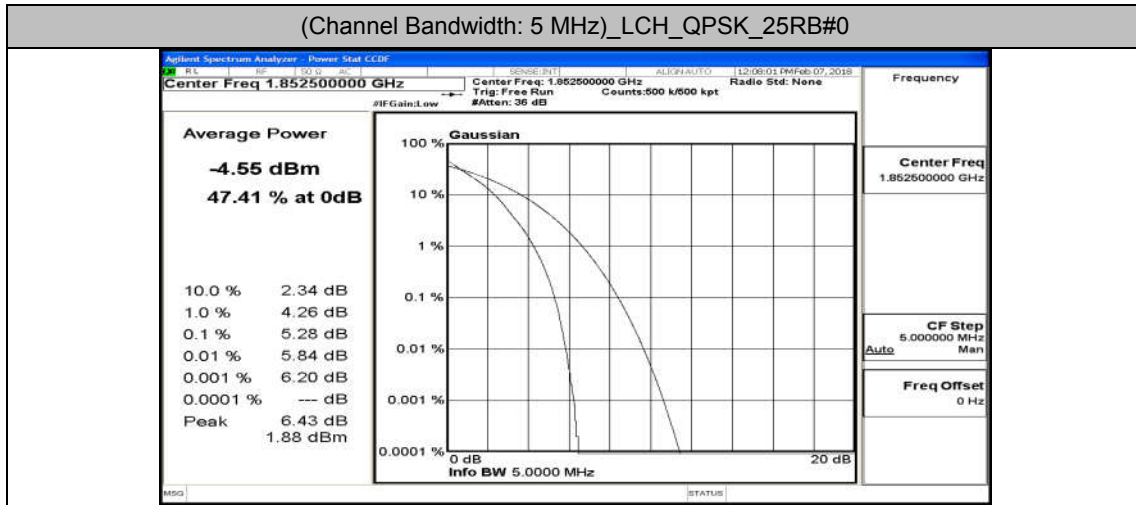
(Channel Bandwidth: 3 MHz)_MCH_16QAM_15RB#0



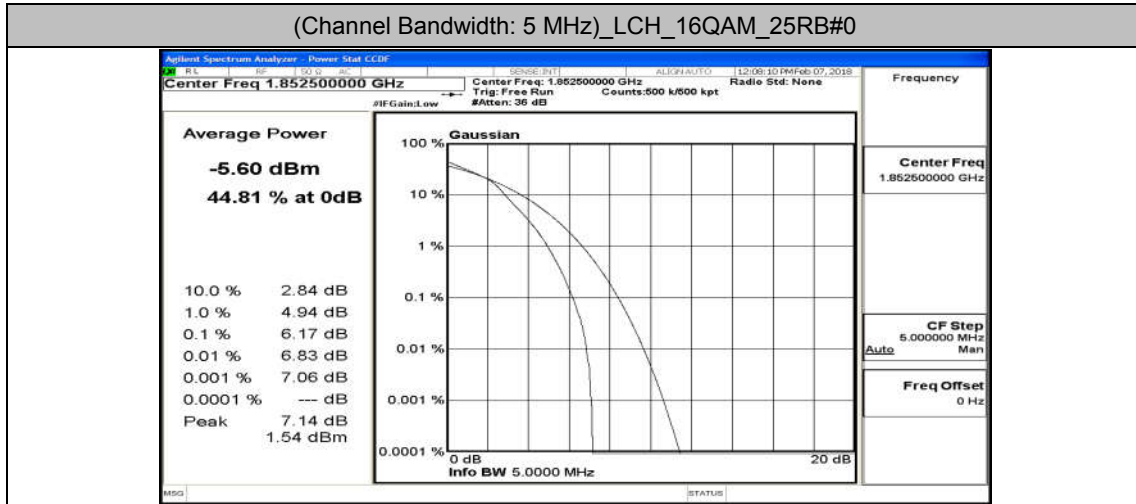
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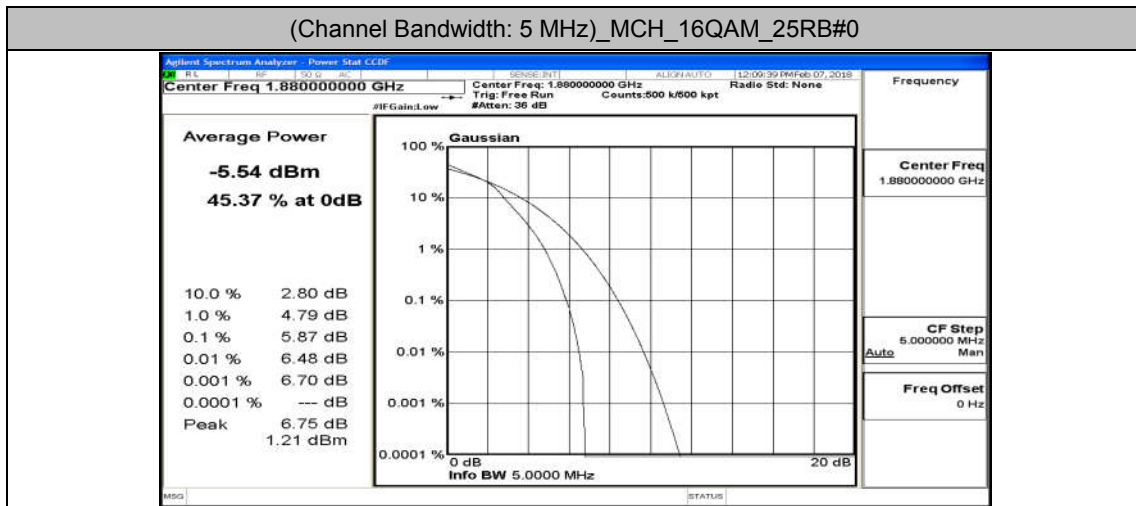
Channel Bandwidth: 5 MHz



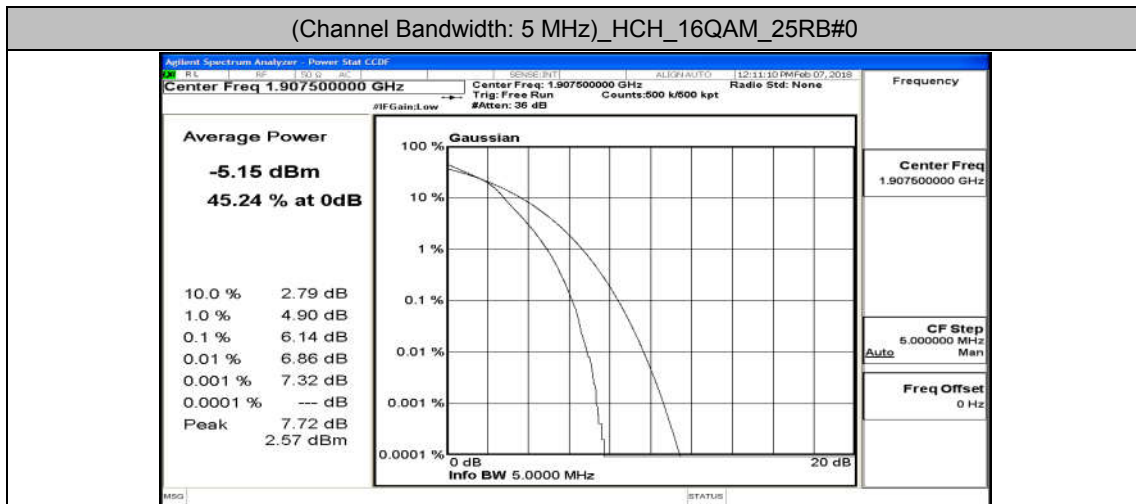
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



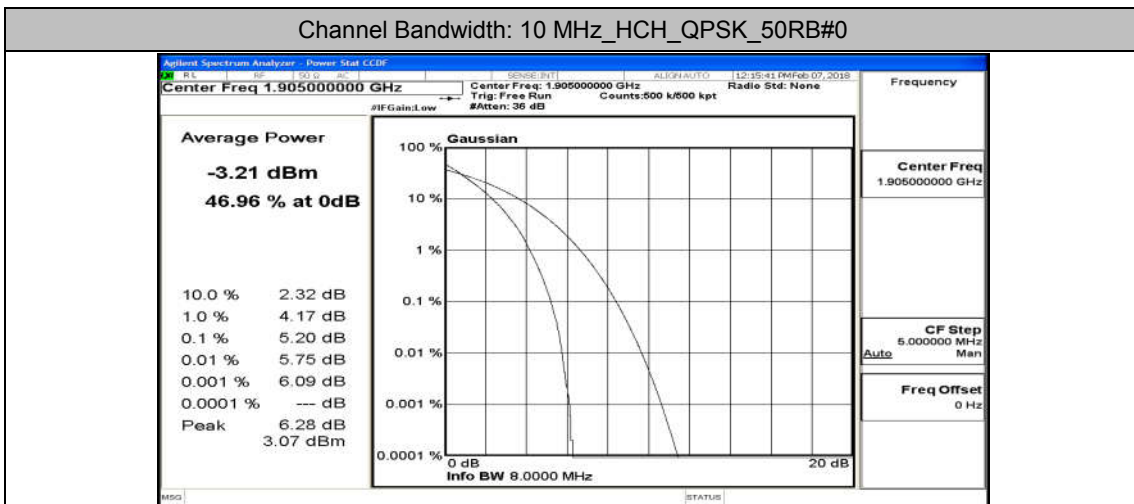
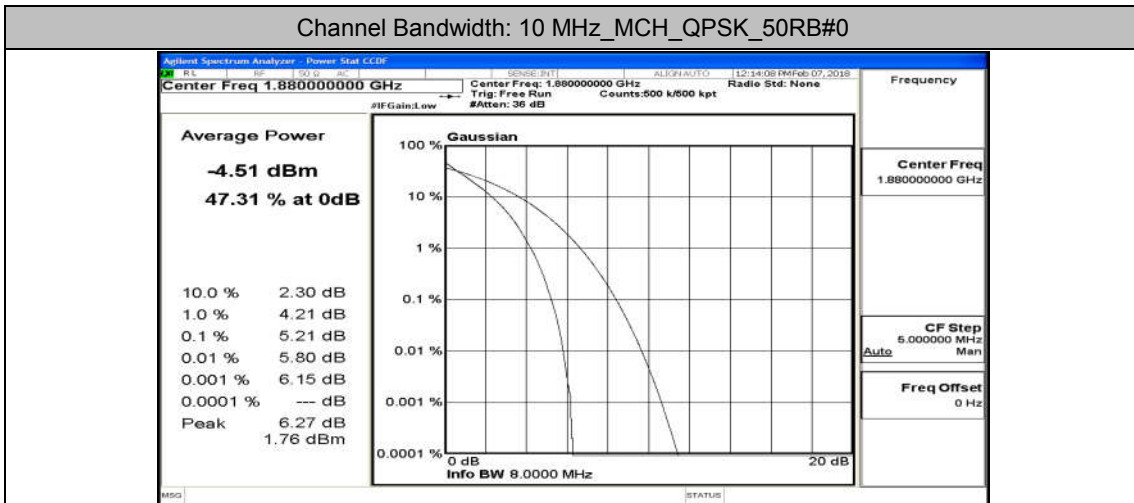
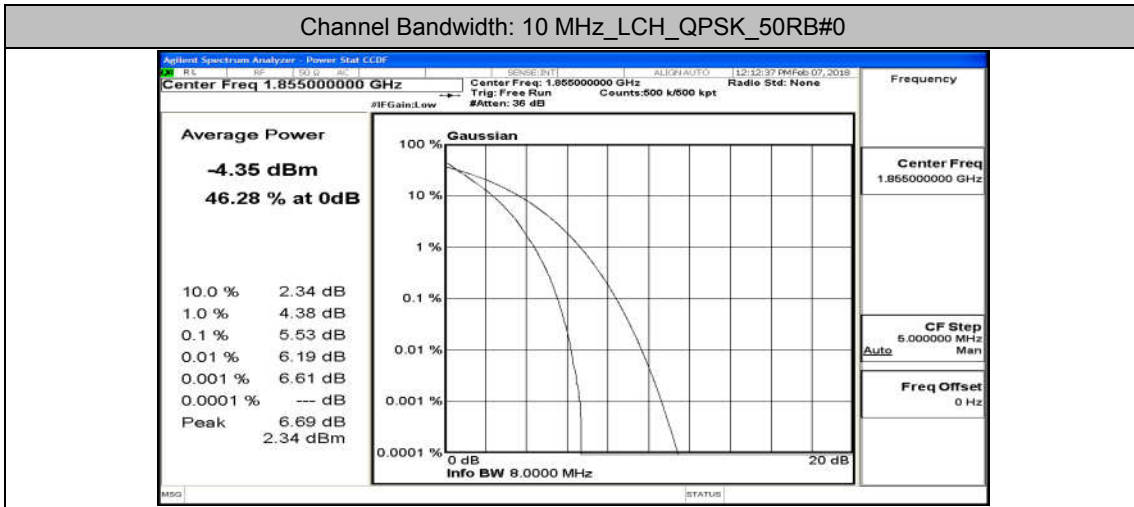
(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0



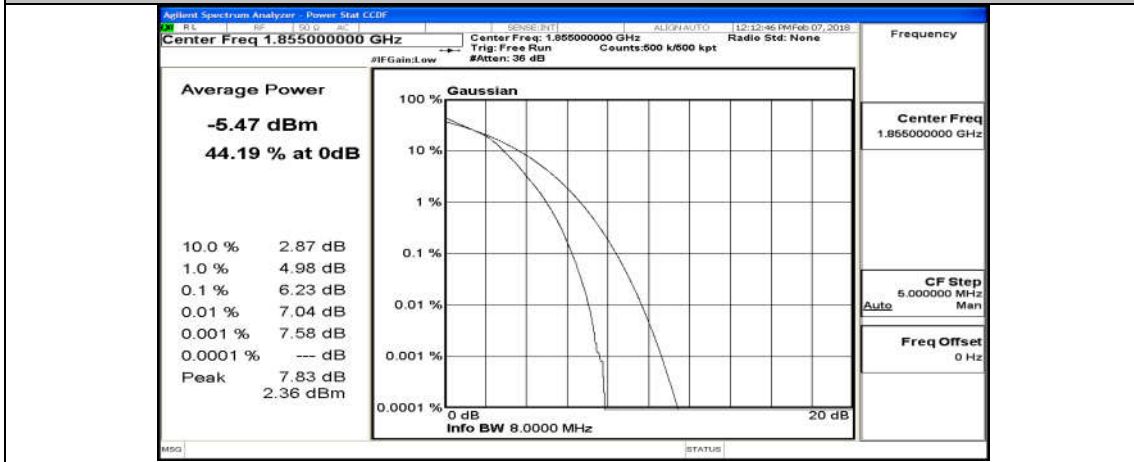
(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



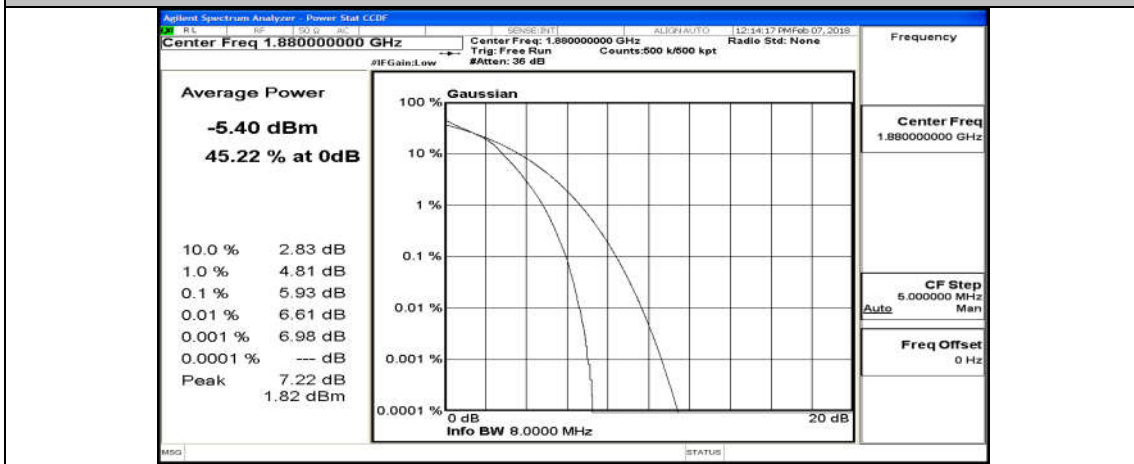
Channel Bandwidth: 10 MHz



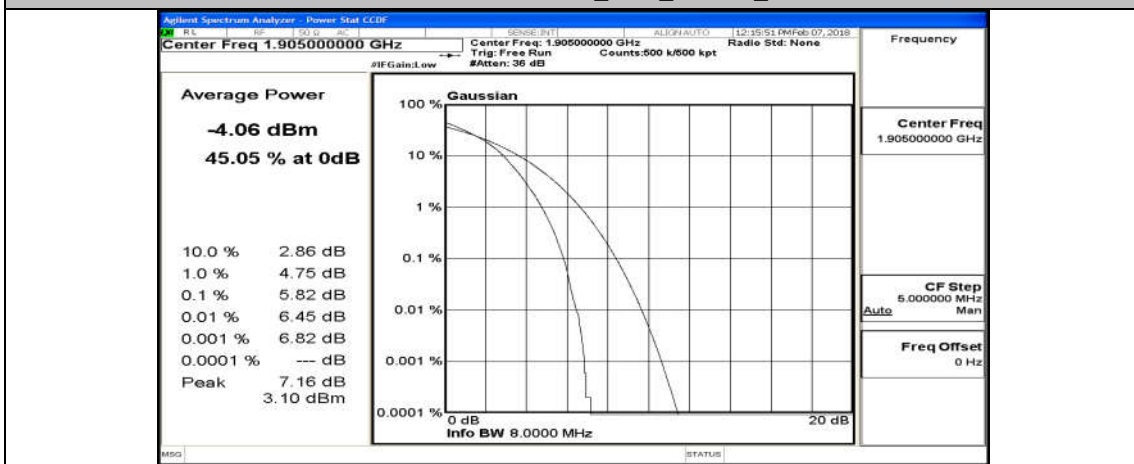
Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0



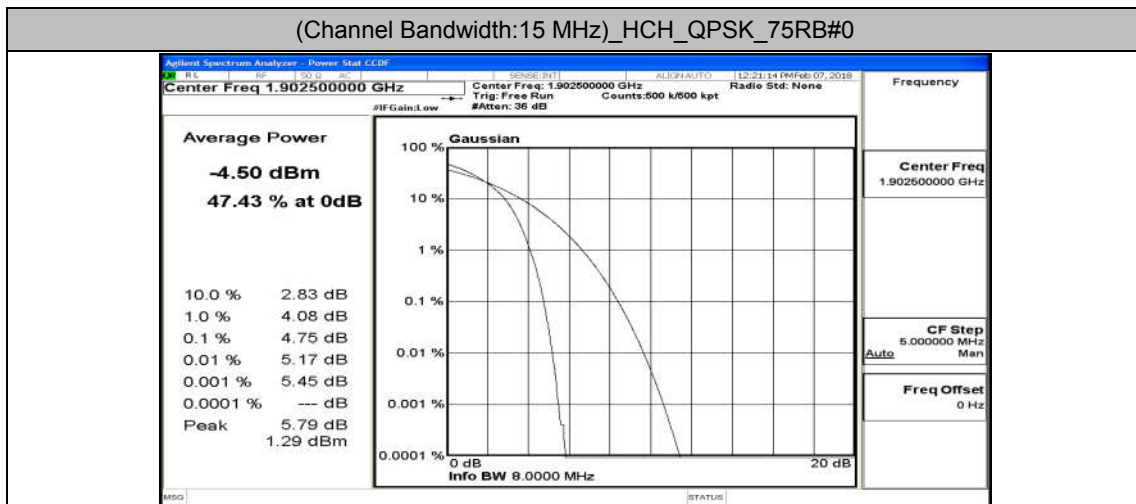
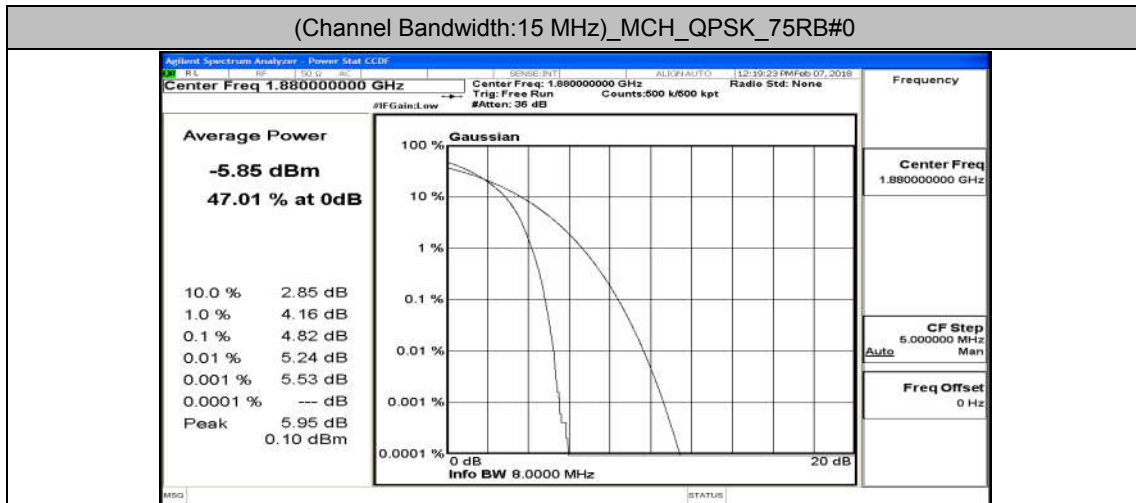
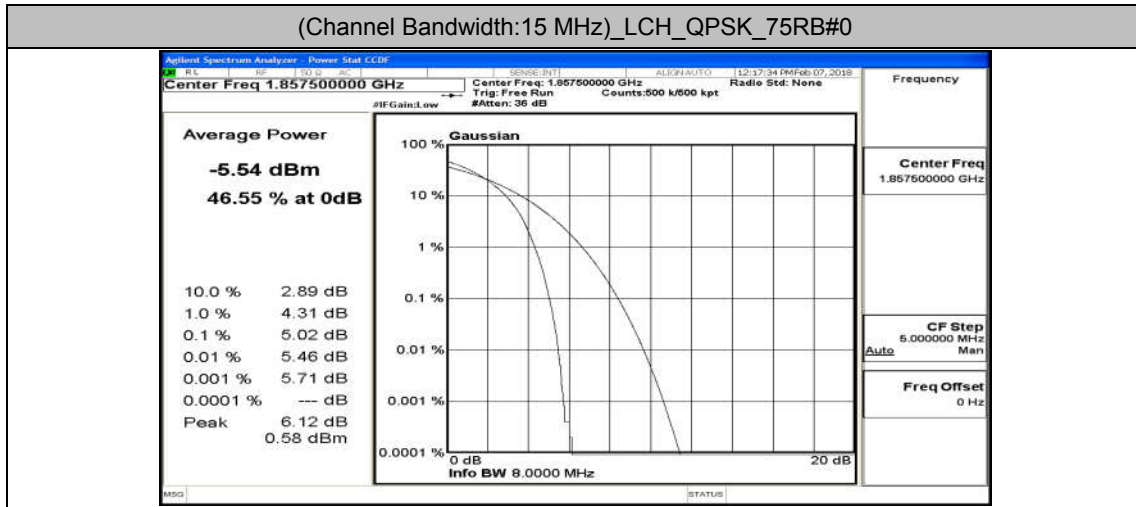
Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0



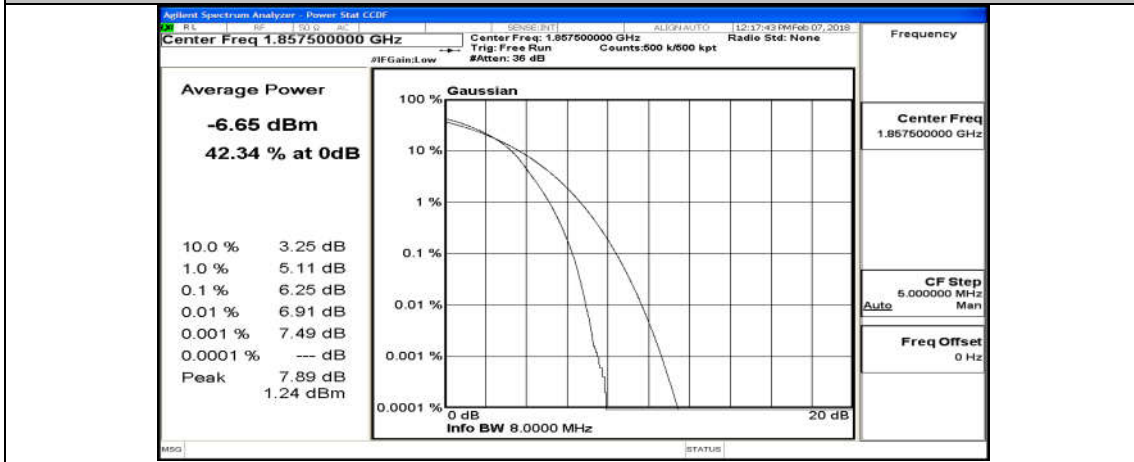
Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0



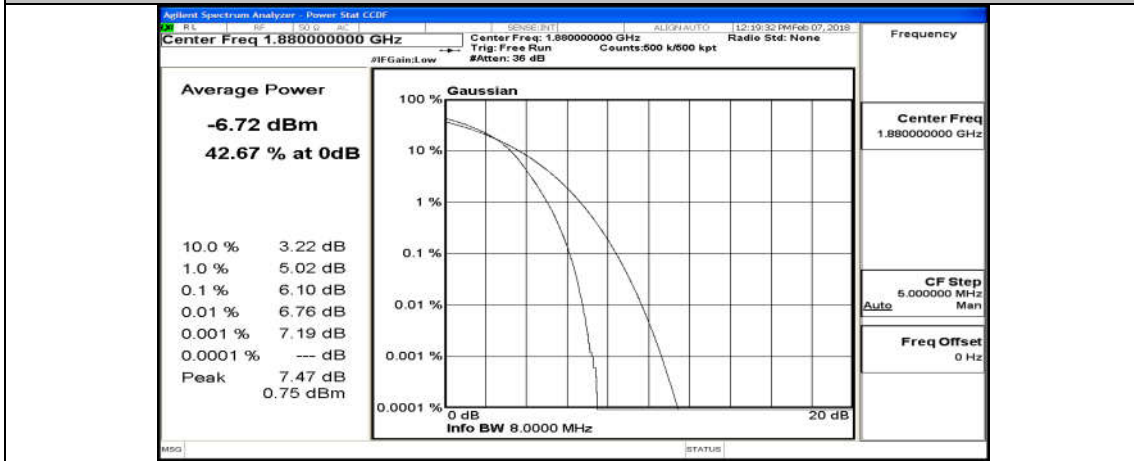
Channel Bandwidth: 15 MHz



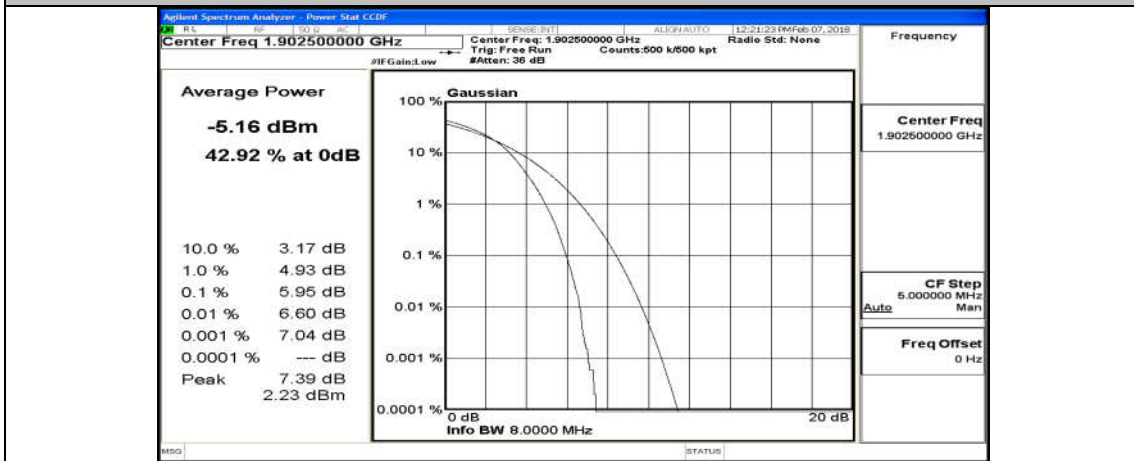
(Channel Bandwidth:15 MHz)_LCH_16QAM_75RB#0



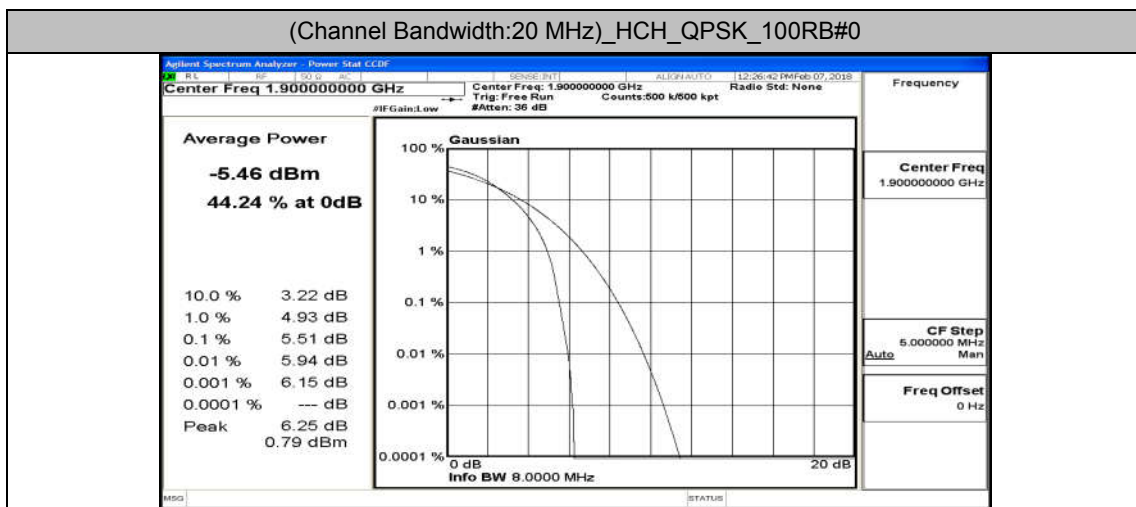
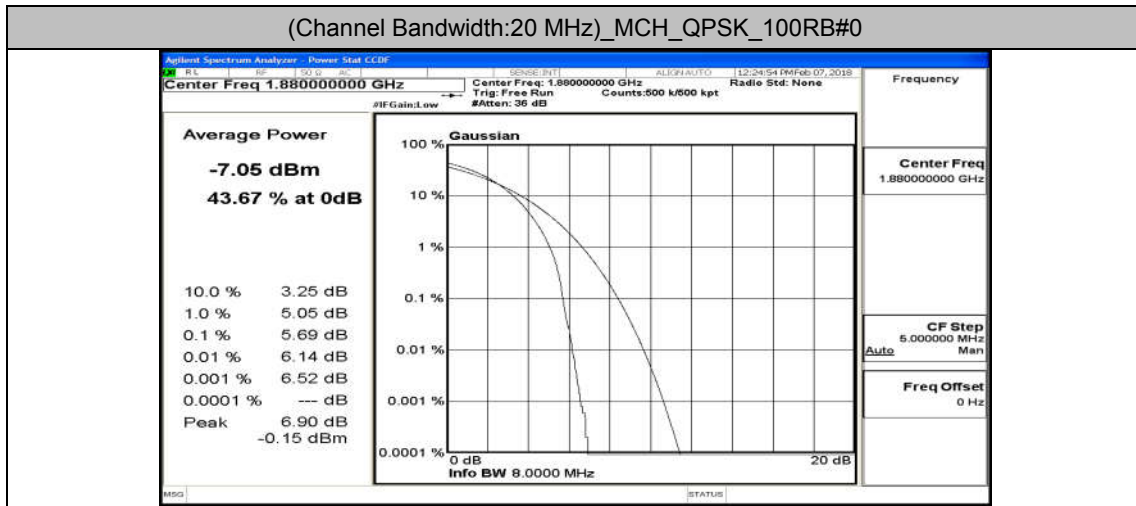
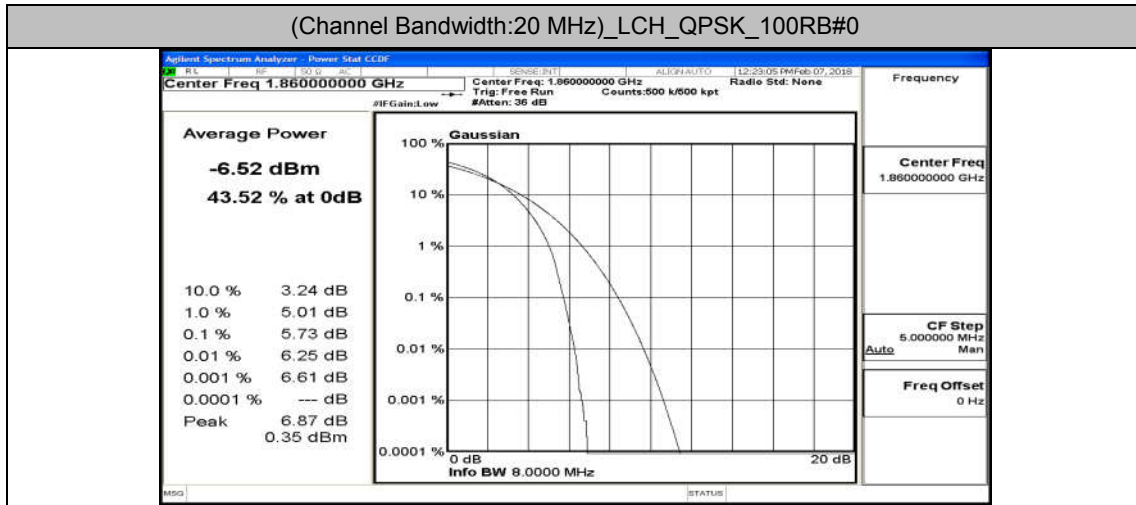
(Channel Bandwidth:15 MHz)_MCH_16QAM_75RB#0



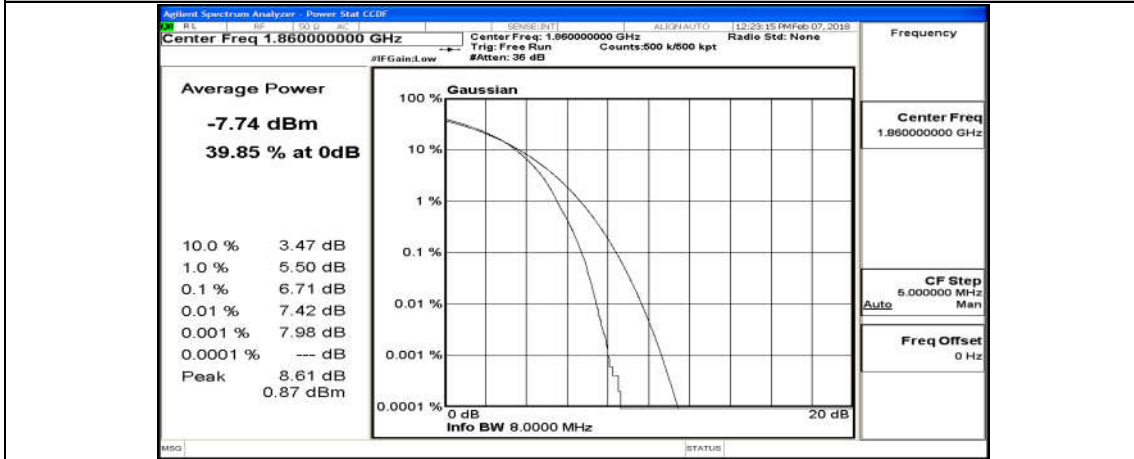
(Channel Bandwidth:15 MHz)_HCH_16QAM_75RB#0



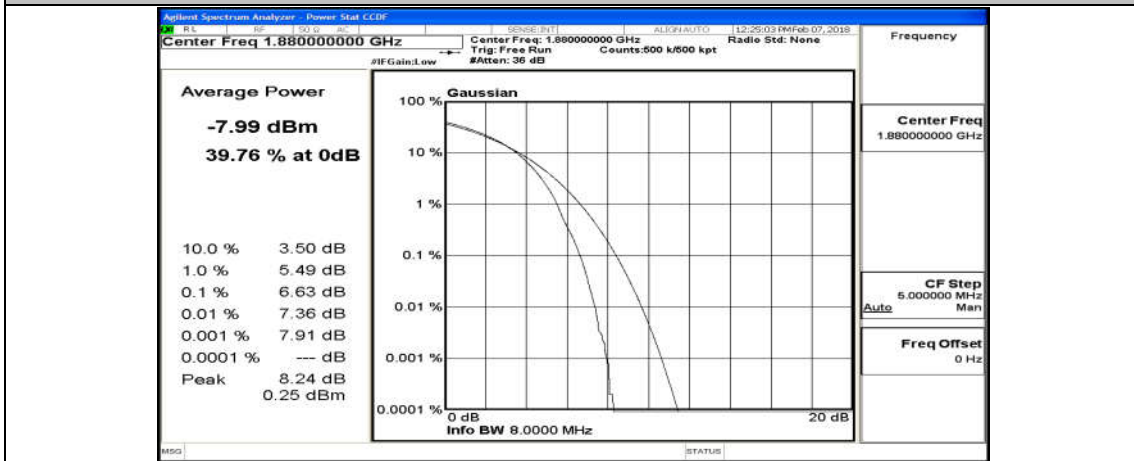
Channel Bandwidth: 20 MHz



(Channel Bandwidth:20 MHz)_LCH_16QAM_100RB#0



(Channel Bandwidth:20 MHz)_MCH_16QAM_100RB#0



(Channel Bandwidth:20 MHz)_HCH_16QAM_100RB#0

