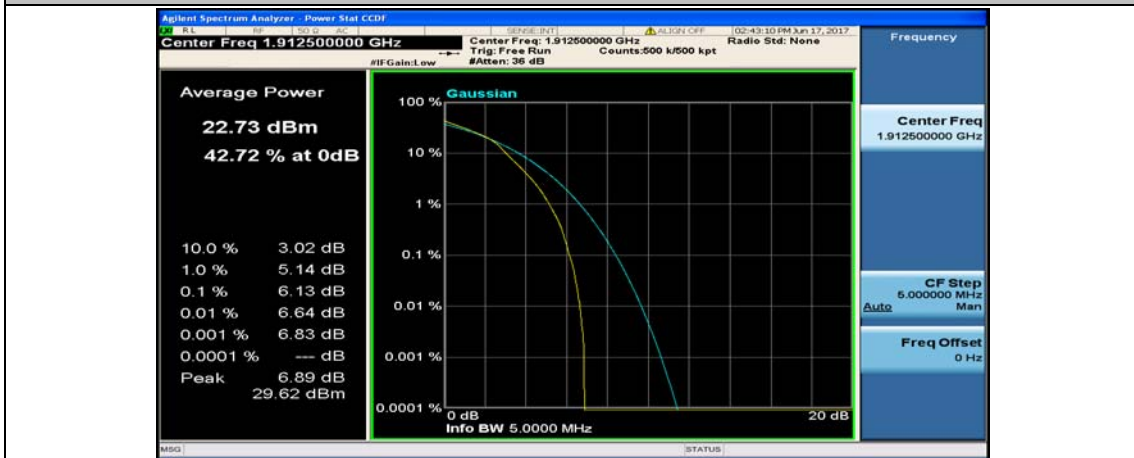


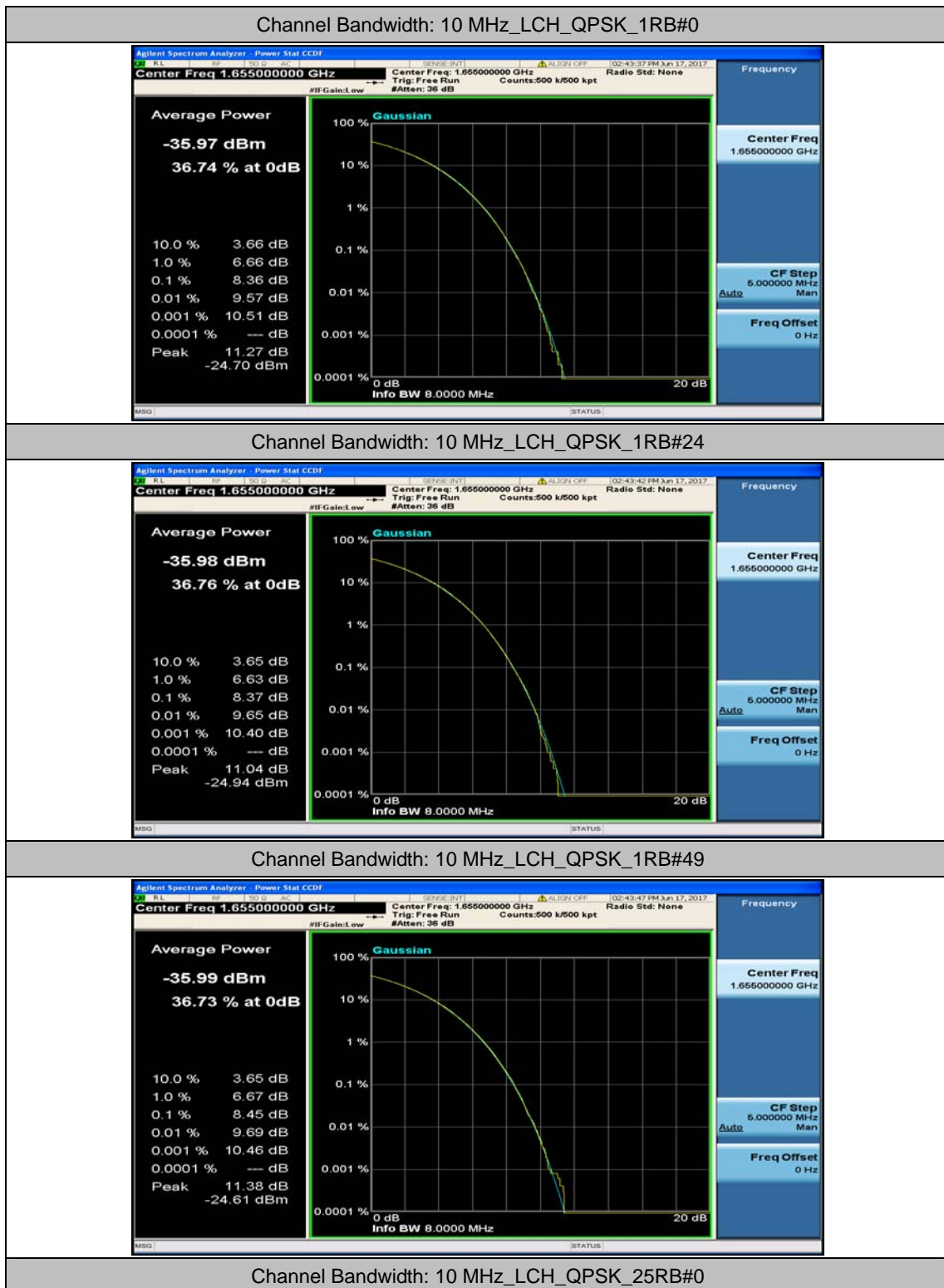
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_12RB#13

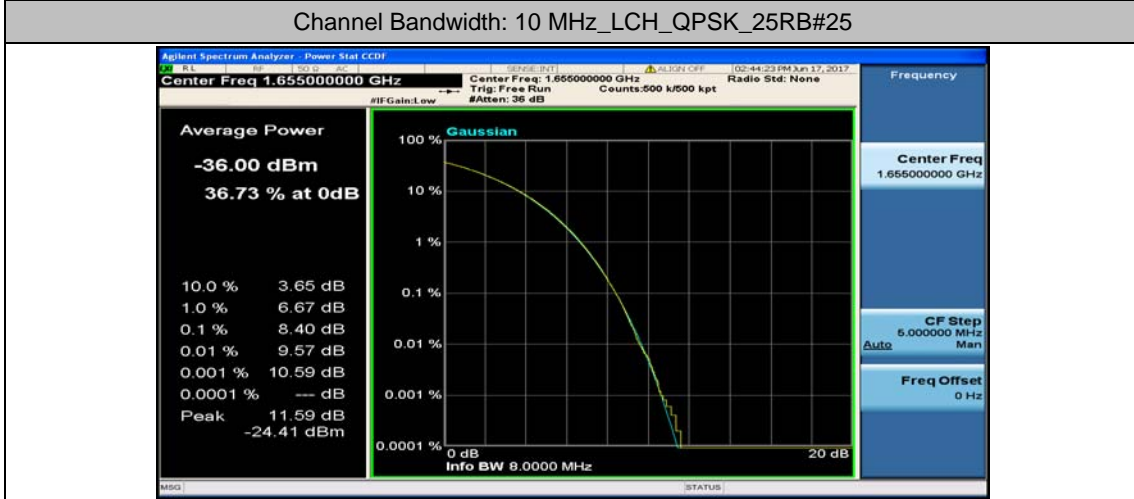
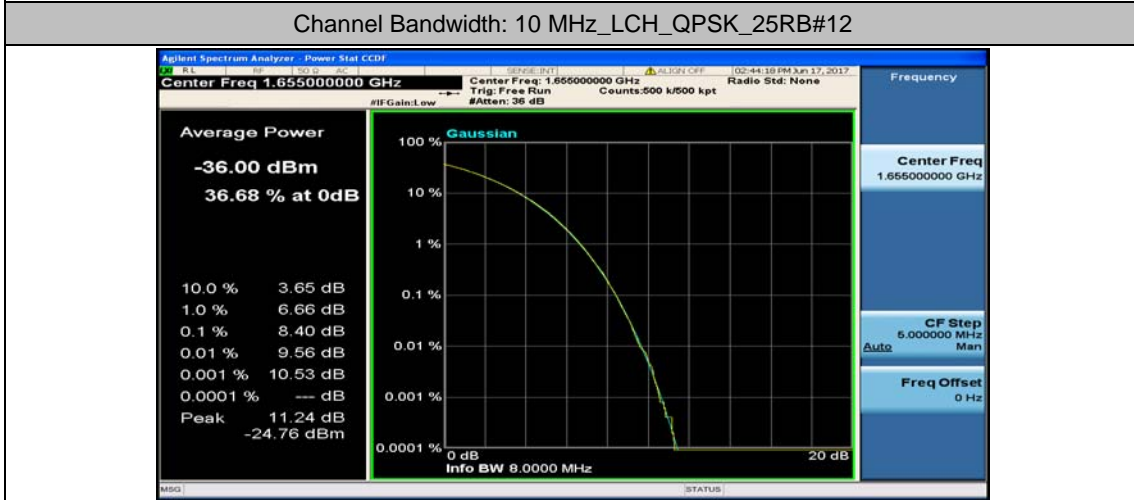


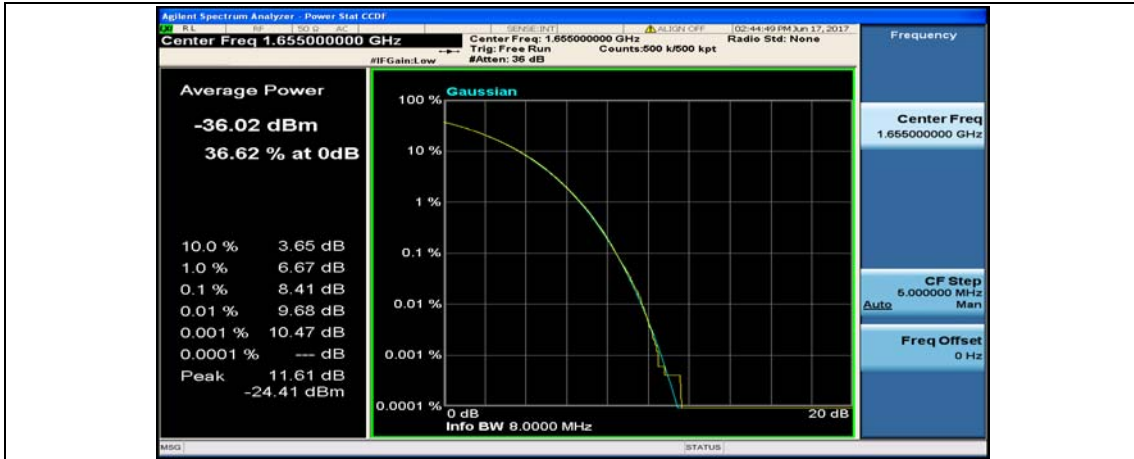
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_25RB#0



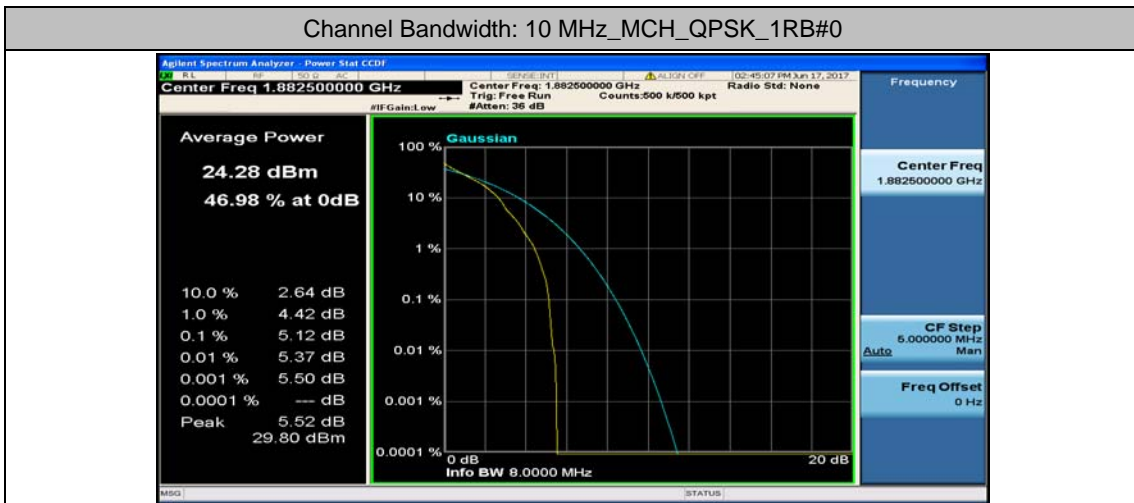
### Channel Bandwidth: 10 MHz



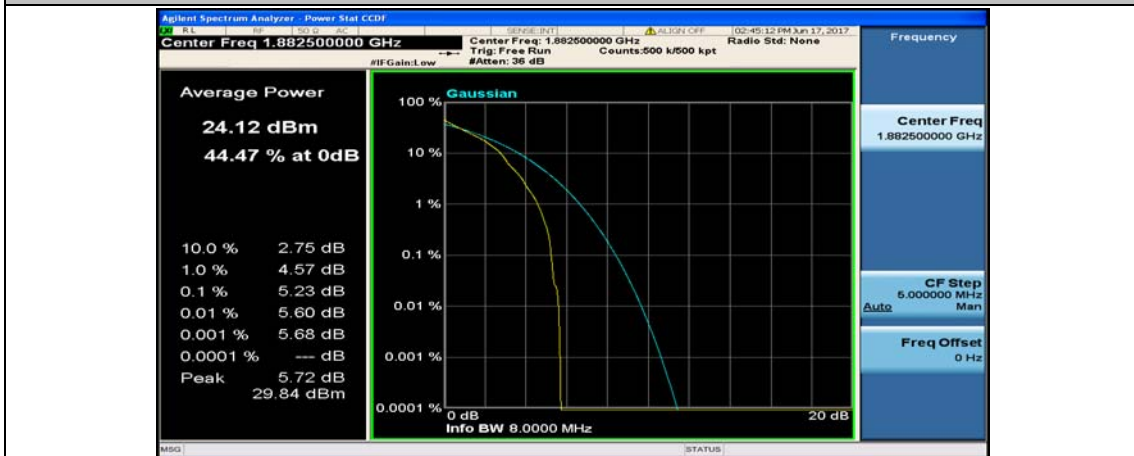




Channel Bandwidth: 10 MHz\_MCH\_QPSK\_1RB#0



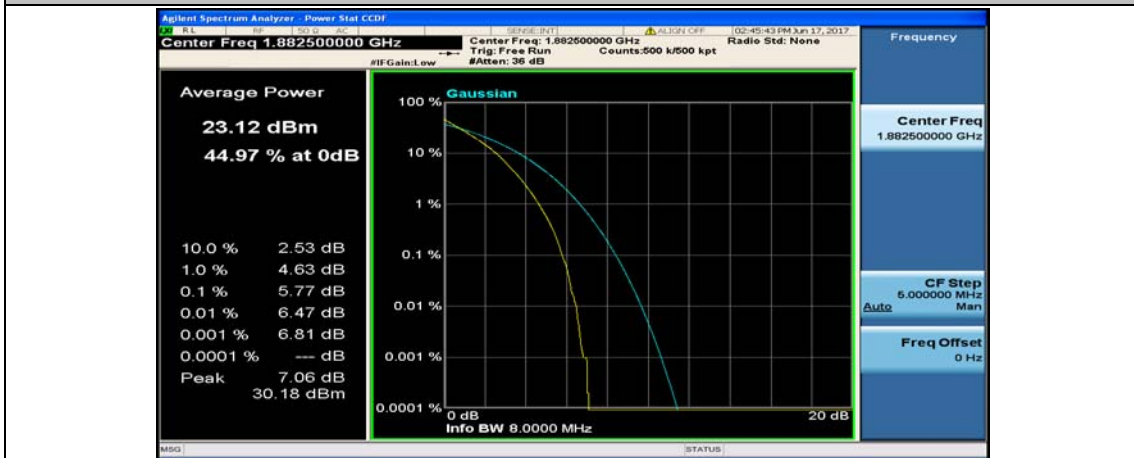
Channel Bandwidth: 10 MHz\_MCH\_QPSK\_1RB#24



Channel Bandwidth: 10 MHz\_MCH\_QPSK\_1RB#49



Channel Bandwidth: 10 MHz\_MCH\_QPSK\_25RB#0



Channel Bandwidth: 10 MHz\_MCH\_QPSK\_25RB#12



Channel Bandwidth: 10 MHz\_MCH\_QPSK\_25RB#25

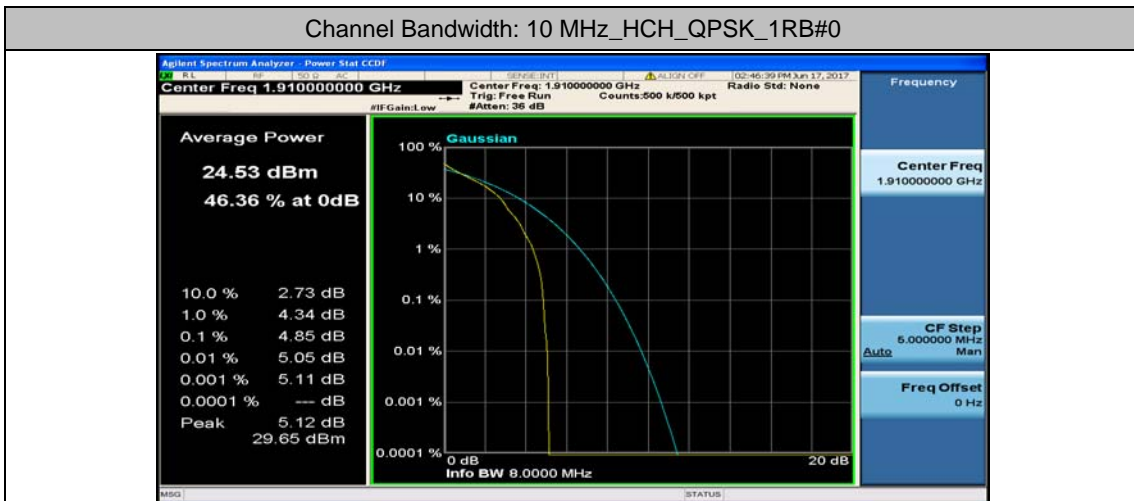




Channel Bandwidth: 10 MHz\_MCH\_QPSK\_50RB#0

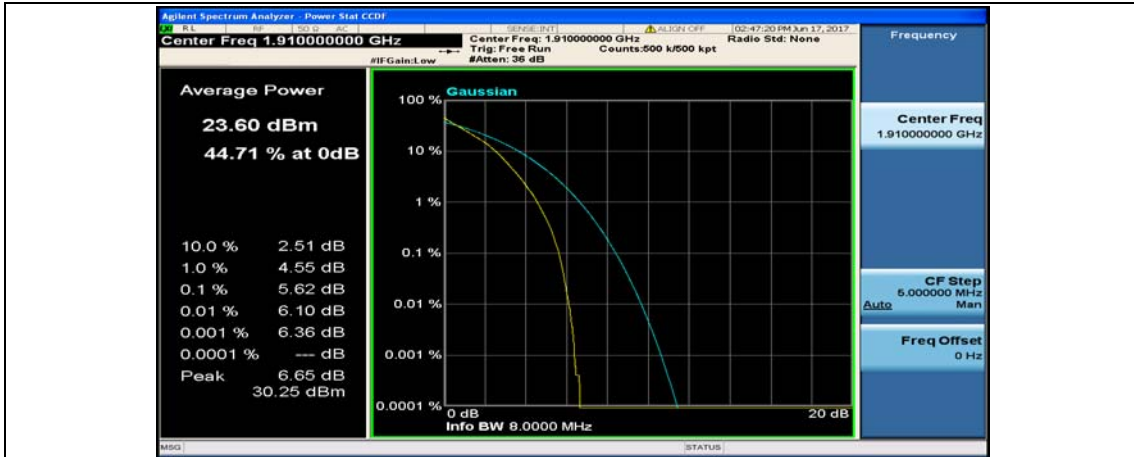


Channel Bandwidth: 10 MHz\_HCH\_QPSK\_1RB#0



Channel Bandwidth: 10 MHz\_HCH\_QPSK\_1RB#24

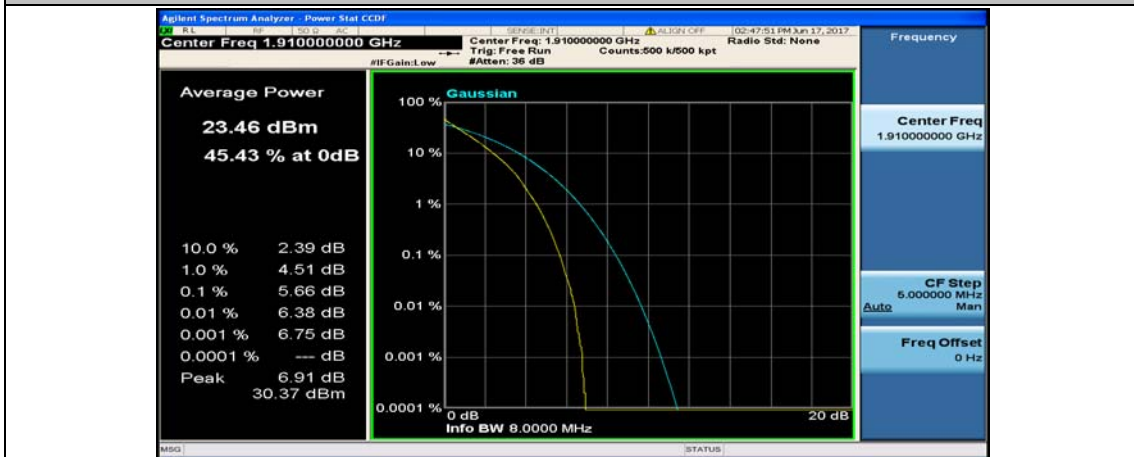




Channel Bandwidth: 10 MHz\_HCH\_QPSK\_25RB#25

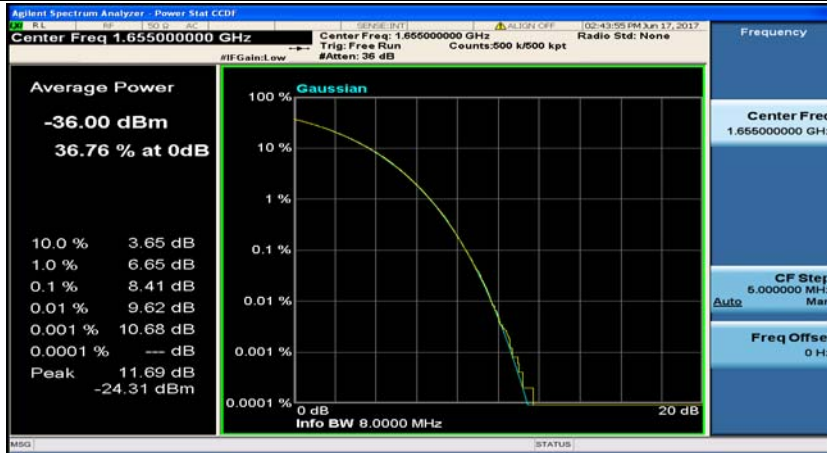


Channel Bandwidth: 10 MHz\_HCH\_QPSK\_50RB#0





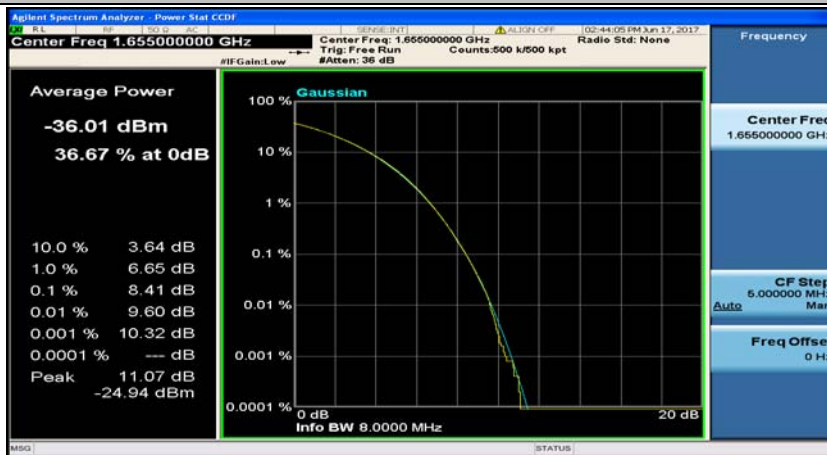
Channel Bandwidth: 10 MHz\_LCH\_16QAM\_1RB#0



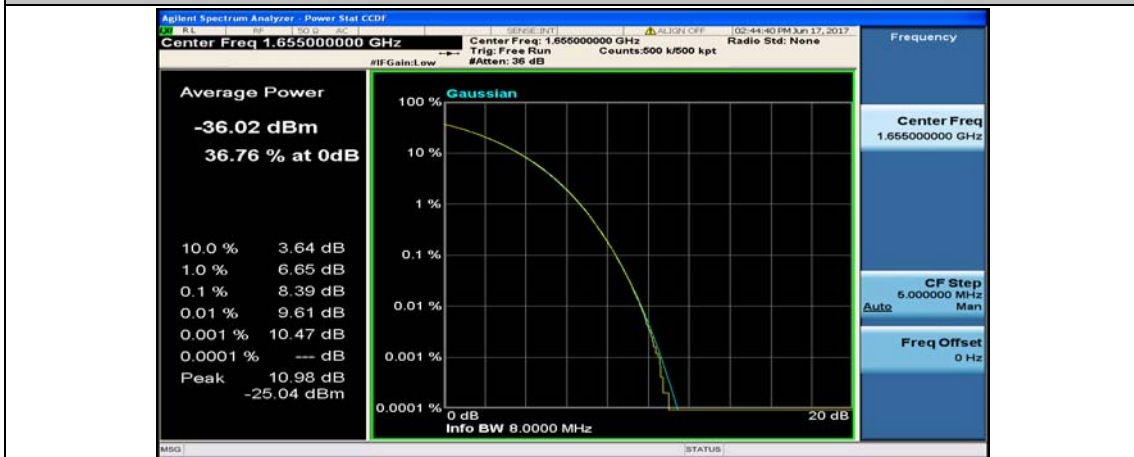
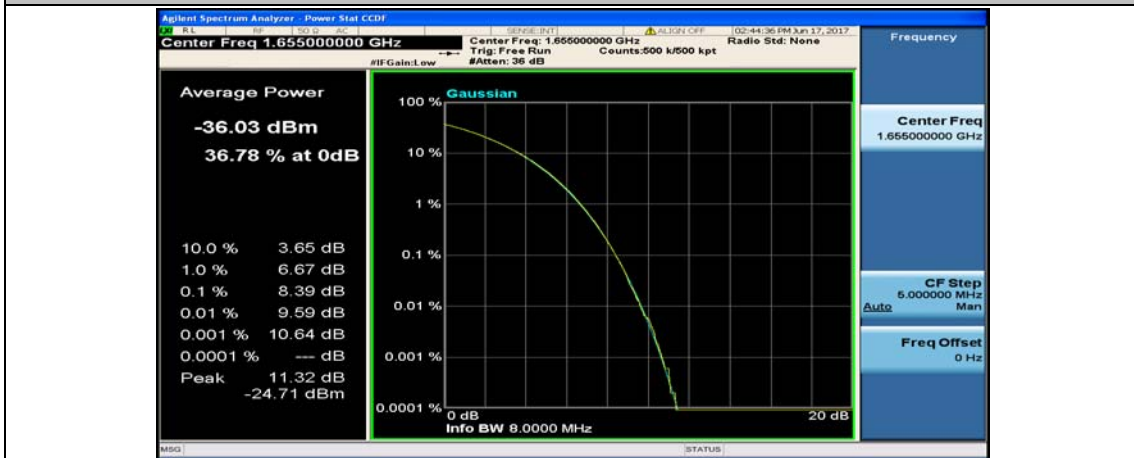
Channel Bandwidth: 10 MHz\_LCH\_16QAM\_1RB#24

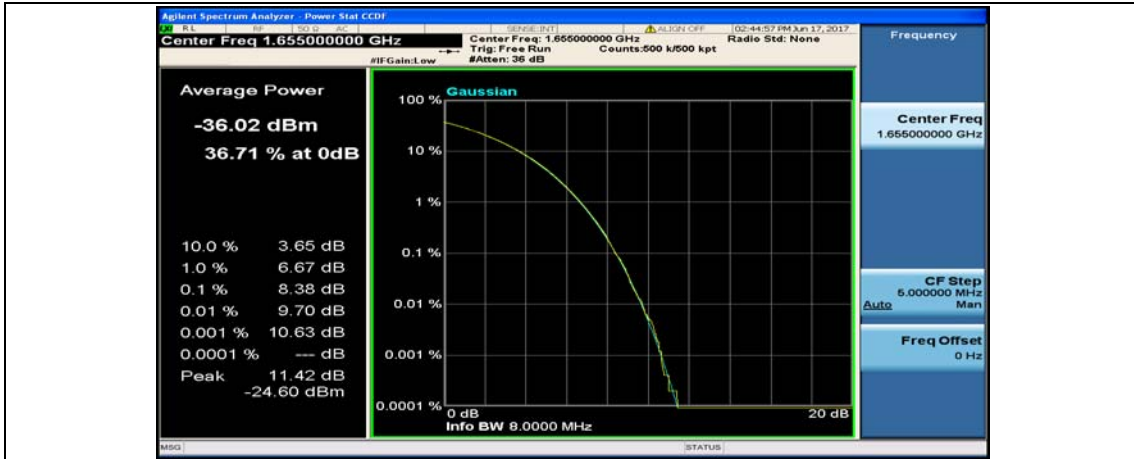


Channel Bandwidth: 10 MHz\_LCH\_16QAM\_1RB#49

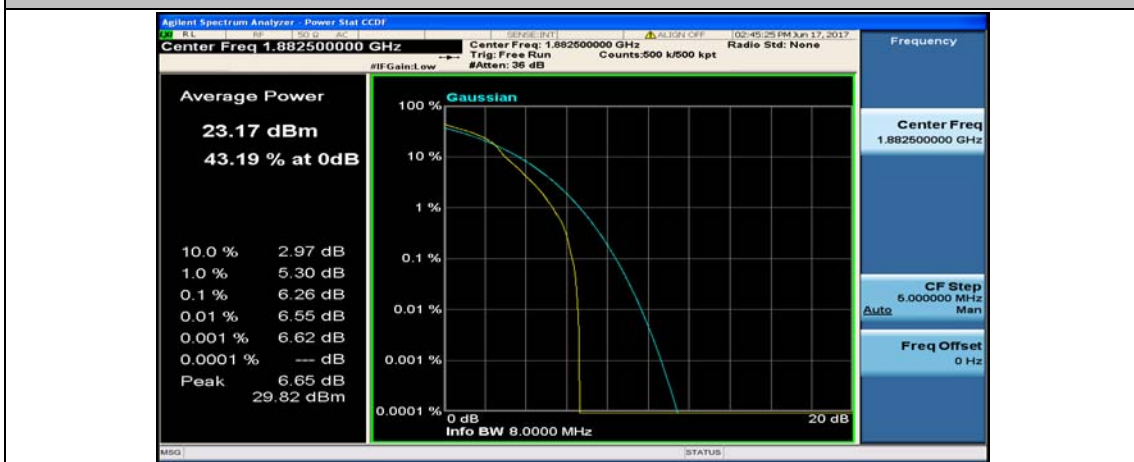


Channel Bandwidth: 10 MHz\_LCH\_16QAM\_25RB#0





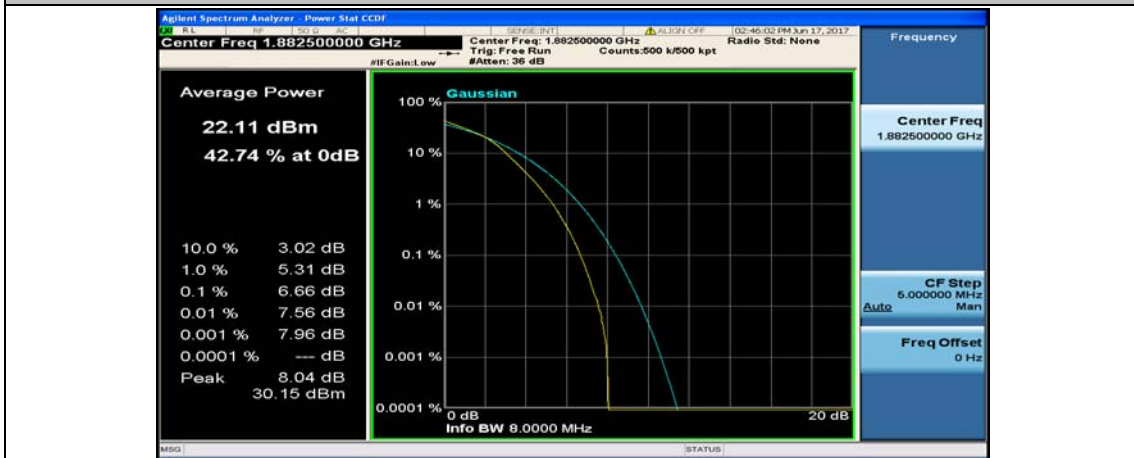
Channel Bandwidth: 10 MHz\_MCH\_16QAM\_1RB#0



Channel Bandwidth: 10 MHz\_MCH\_16QAM\_1RB#24



Channel Bandwidth: 10 MHz\_MCH\_16QAM\_1RB#49

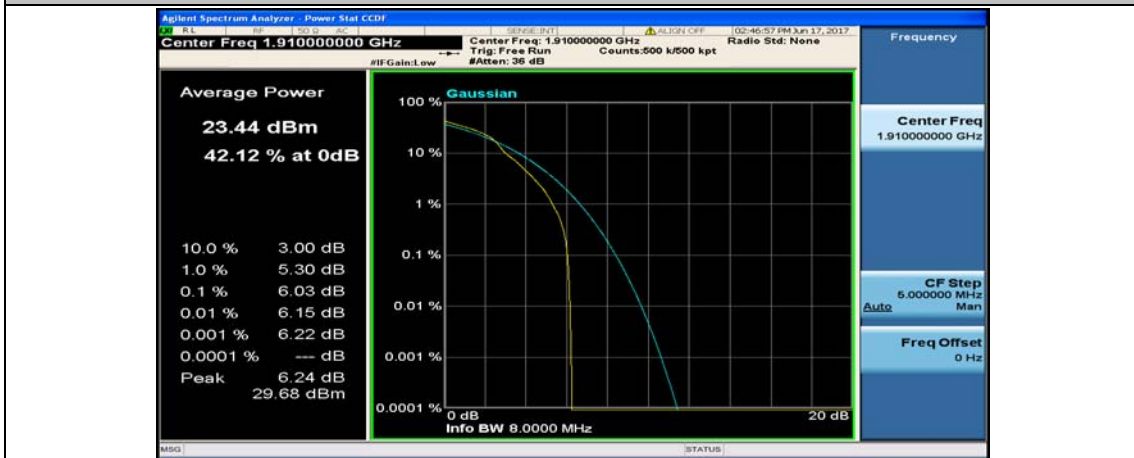




Channel Bandwidth: 10 MHz\_MCH\_16QAM\_50RB#0



Channel Bandwidth: 10 MHz\_HCH\_16QAM\_1RB#0

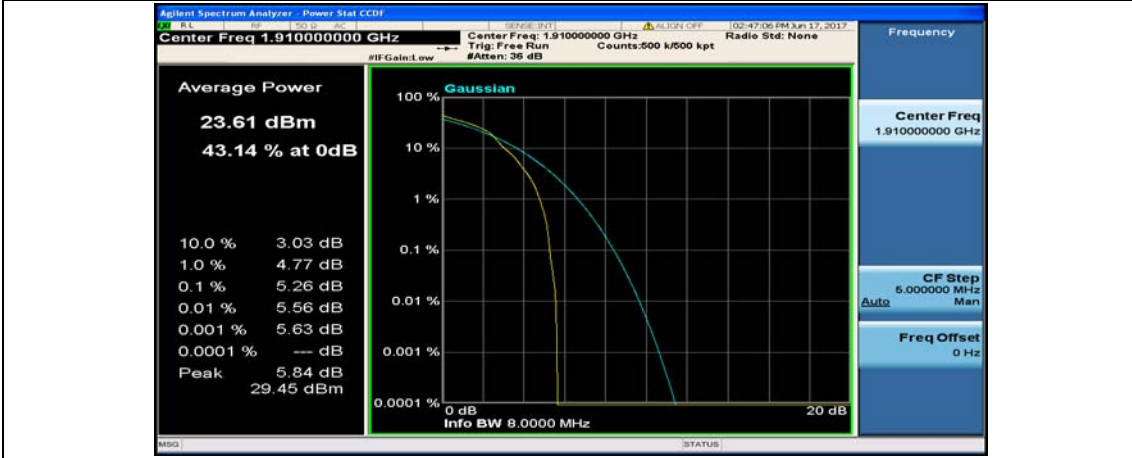


Channel Bandwidth: 10 MHz\_HCH\_16QAM\_1RB#24





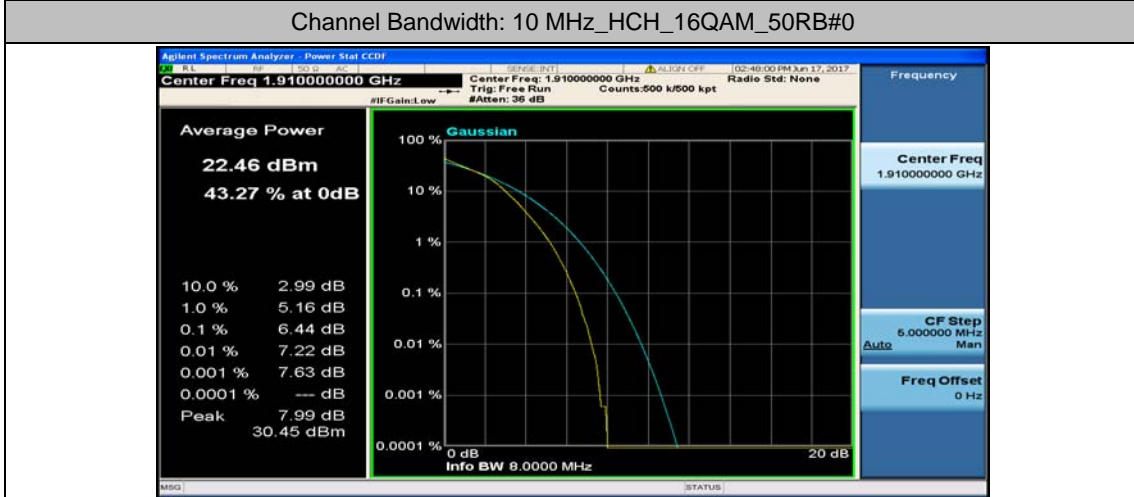
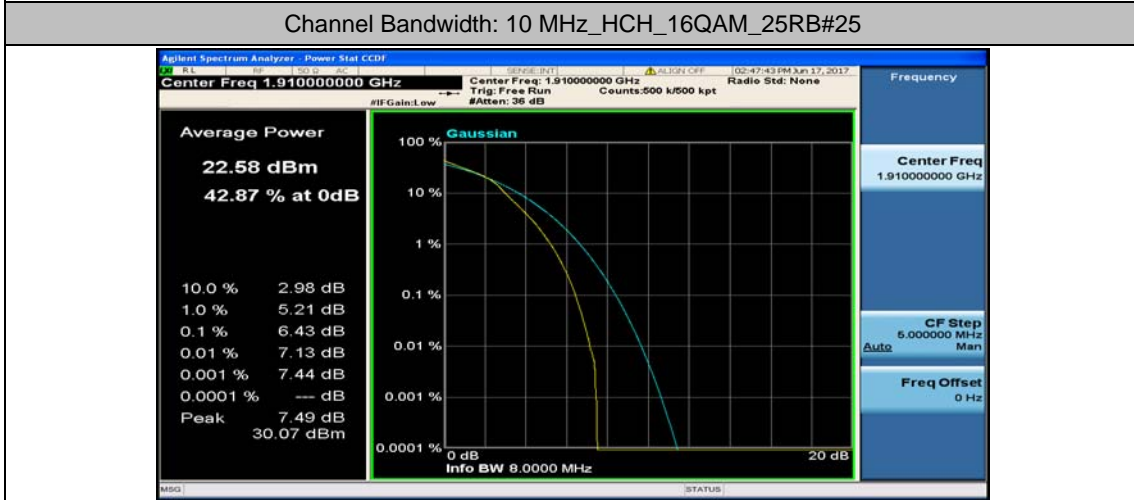
Channel Bandwidth: 10 MHz\_HCH\_16QAM\_1RB#49



Channel Bandwidth: 10 MHz\_HCH\_16QAM\_25RB#0



Channel Bandwidth: 10 MHz\_HCH\_16QAM\_25RB#12



**Channel Bandwidth: 15 MHz**

(Channel Bandwidth:15 MHz)\_LCH\_QPSK\_1RB#0



(Channel Bandwidth:15 MHz)\_LCH\_QPSK\_1RB#37



(Channel Bandwidth:15 MHz)\_LCH\_QPSK\_1RB#74



(Channel Bandwidth:15 MHz)\_LCH\_QPSK\_37RB#0



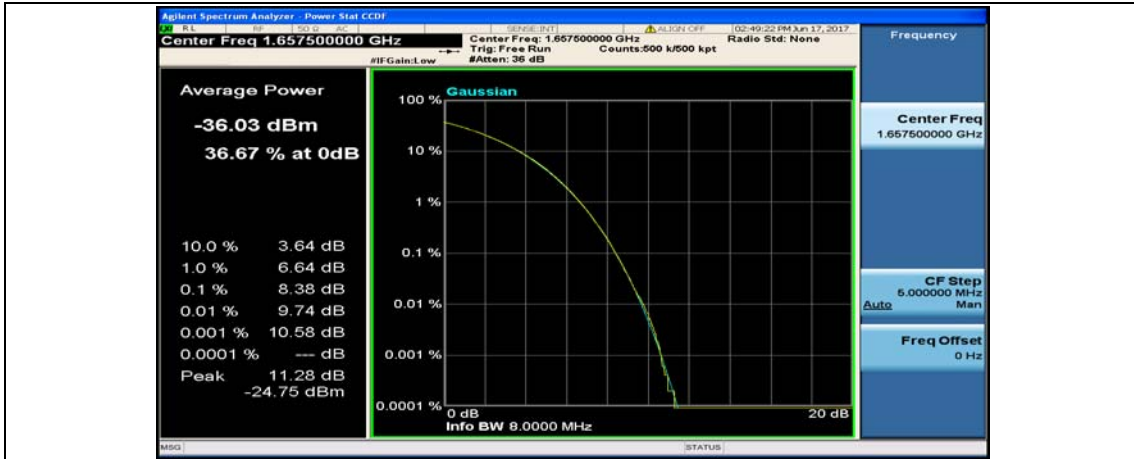
(Channel Bandwidth:15 MHz)\_LCH\_QPSK\_37RB#18



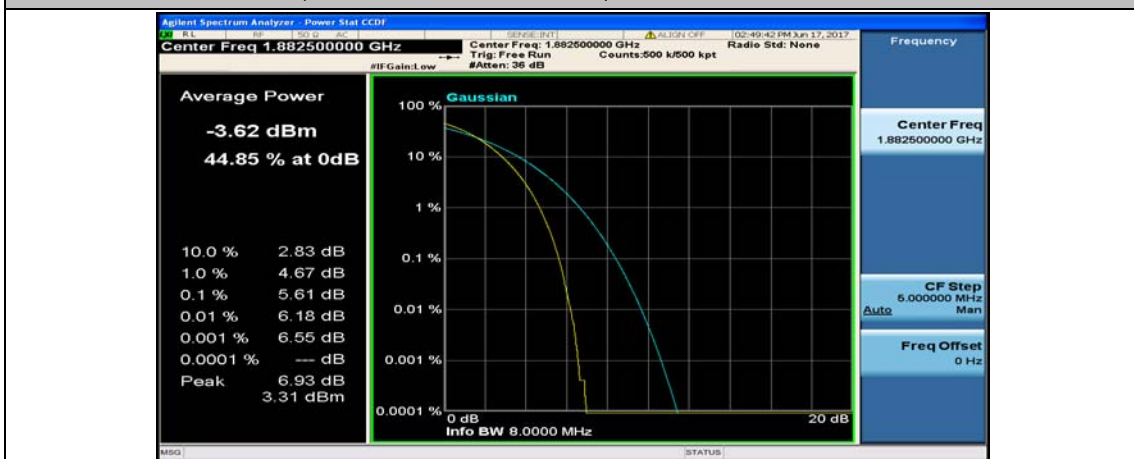
(Channel Bandwidth:15 MHz)\_LCH\_QPSK\_37RB#38



(Channel Bandwidth:15 MHz)\_LCH\_QPSK\_75RB#0



(Channel Bandwidth:15 MHz)\_MCH\_QPSK\_1RB#0

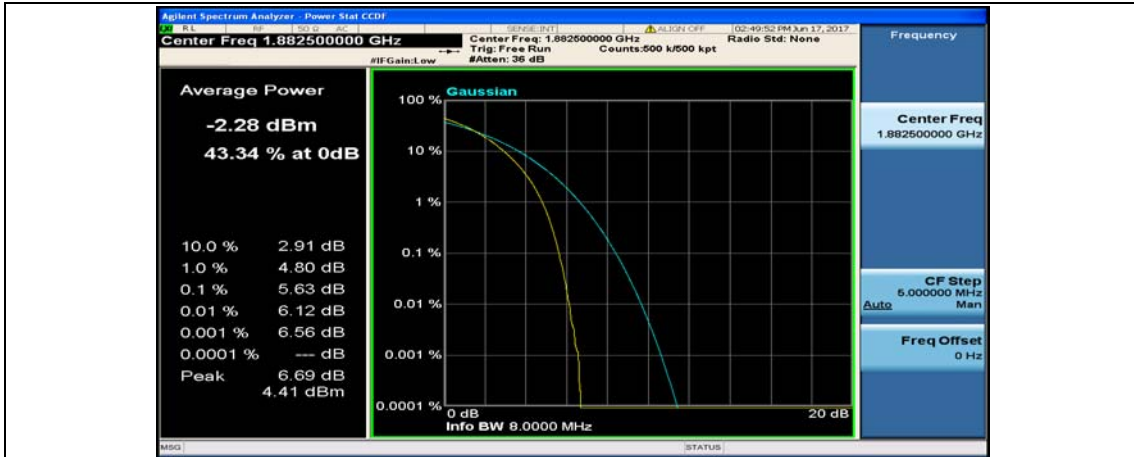


(Channel Bandwidth:15 MHz)\_MCH\_QPSK\_1RB#37



(Channel Bandwidth:15 MHz)\_MCH\_QPSK\_1RB#74





(Channel Bandwidth:15 MHz)\_MCH\_QPSK\_37RB#0



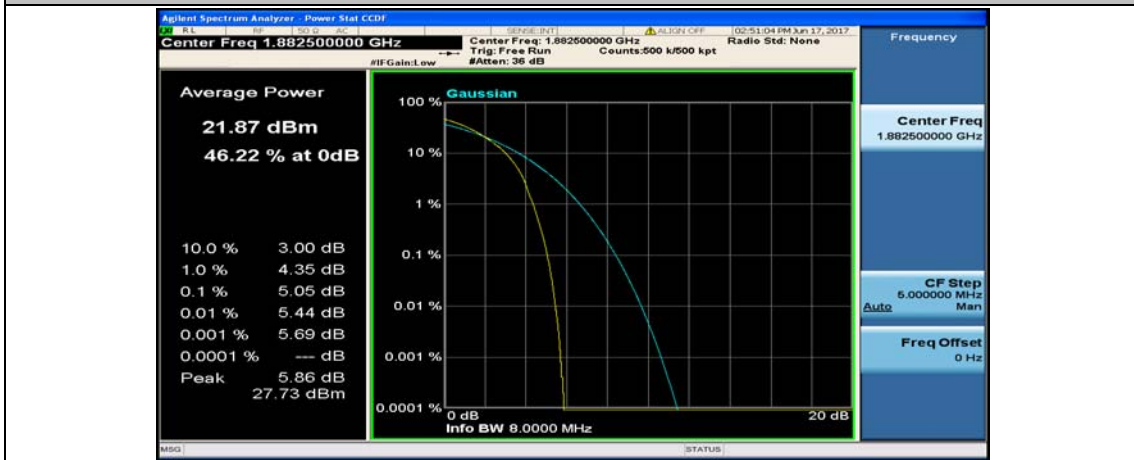
(Channel Bandwidth:15 MHz)\_MCH\_QPSK\_37RB#18



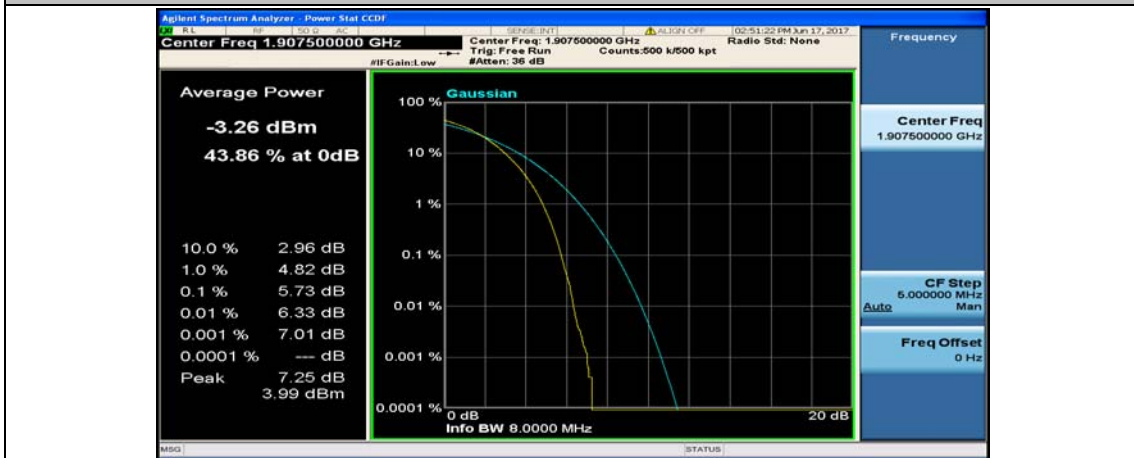
(Channel Bandwidth:15 MHz)\_MCH\_QPSK\_37RB#38



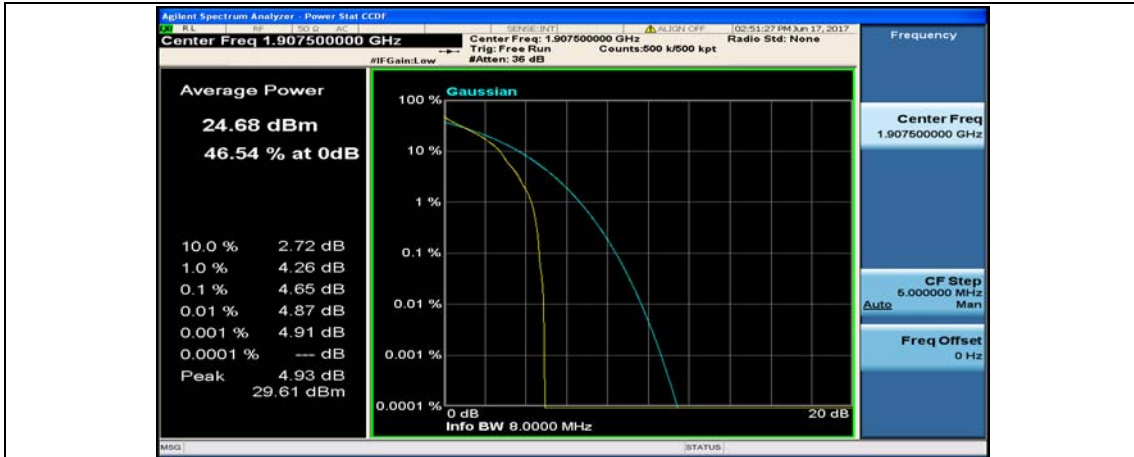
(Channel Bandwidth:15 MHz)\_MCH\_QPSK\_75RB#0



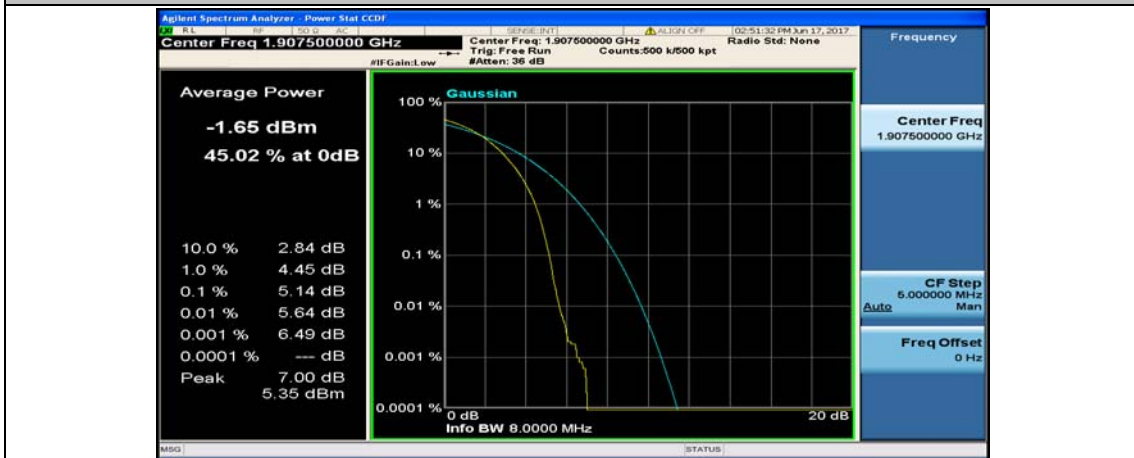
(Channel Bandwidth:15 MHz)\_HCH\_QPSK\_1RB#0



(Channel Bandwidth:15 MHz)\_HCH\_QPSK\_1RB#37



(Channel Bandwidth:15 MHz)\_HCH\_QPSK\_1RB#74



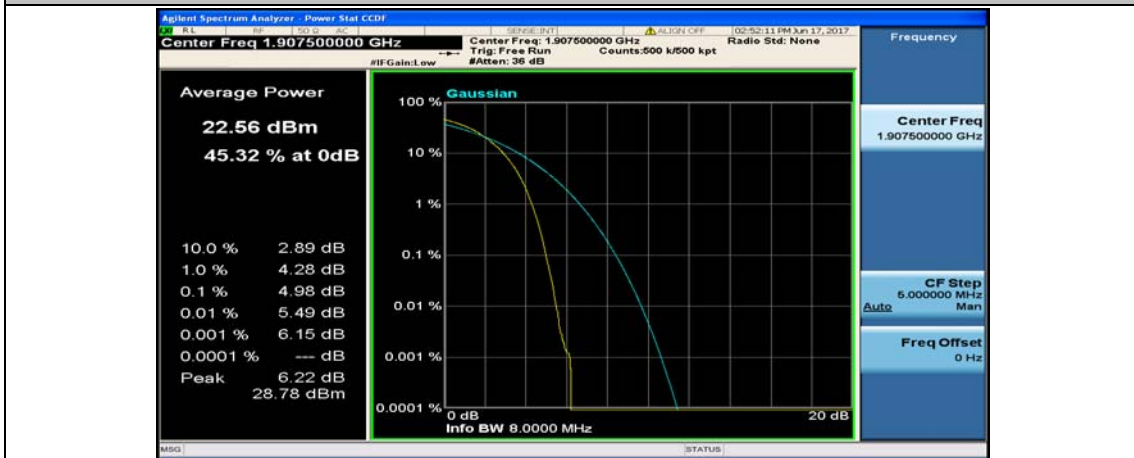
(Channel Bandwidth:15 MHz)\_HCH\_QPSK\_37RB#0



(Channel Bandwidth:15 MHz)\_HCH\_QPSK\_37RB#18



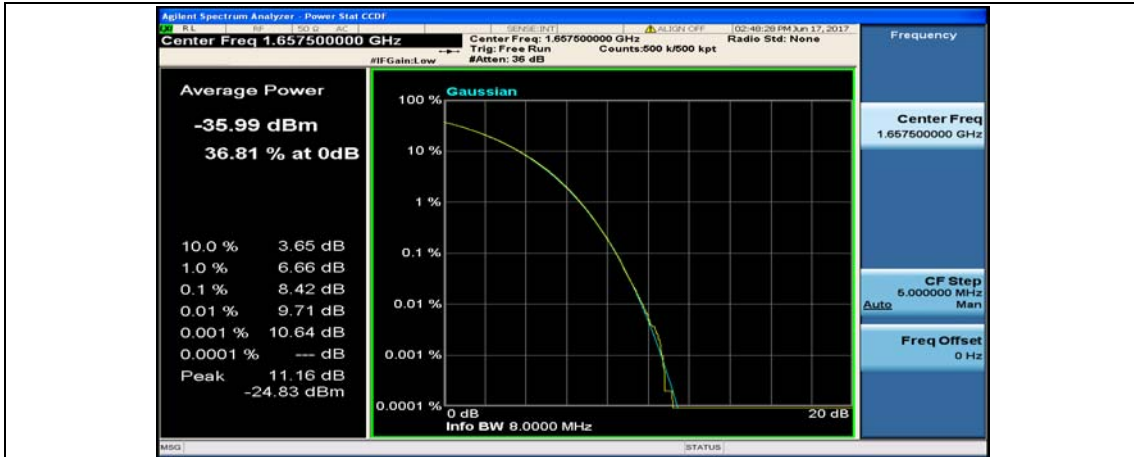
(Channel Bandwidth:15 MHz)\_HCH\_QPSK\_37RB#38



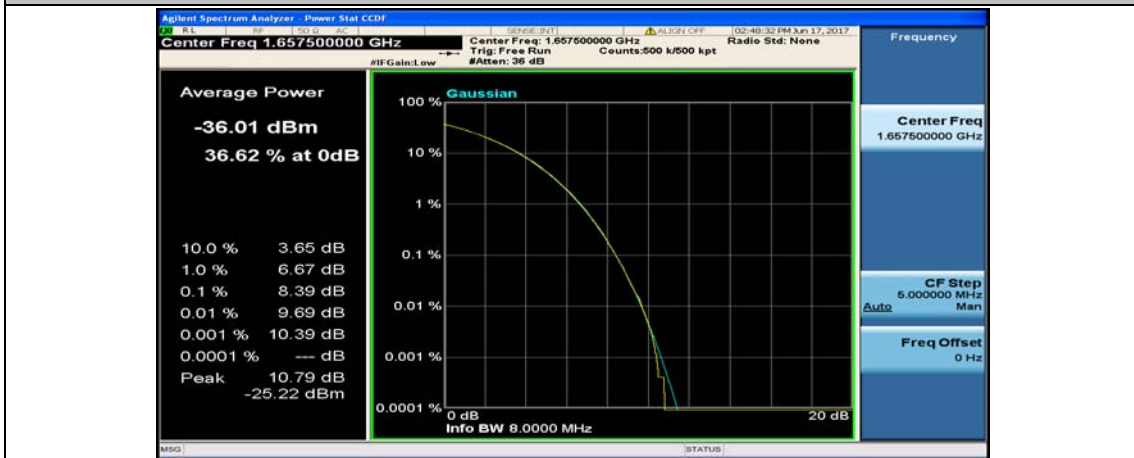
(Channel Bandwidth:15 MHz)\_HCH\_QPSK\_75RB#0



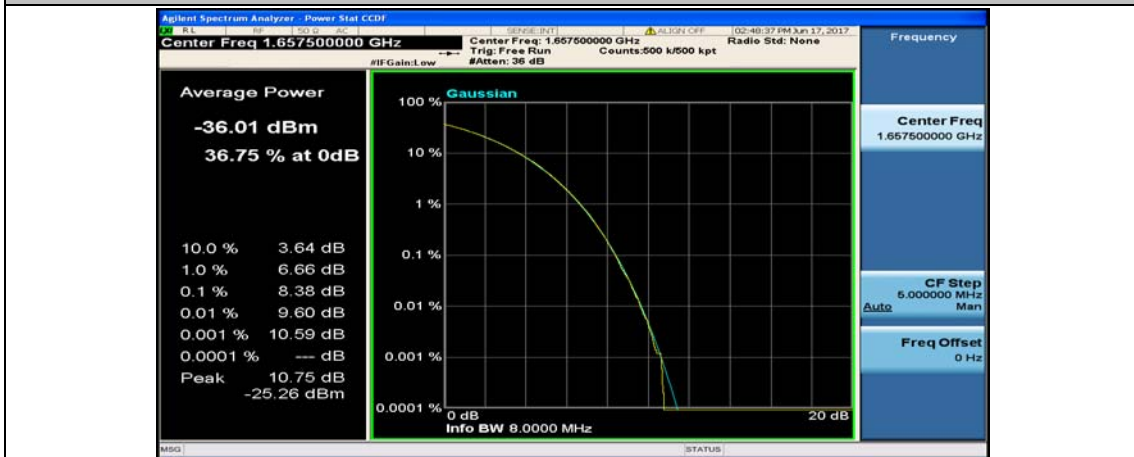
(Channel Bandwidth:15 MHz)\_LCH\_16QAM\_1RB#0



(Channel Bandwidth:15 MHz)\_LCH\_16QAM\_1RB#37



(Channel Bandwidth:15 MHz)\_LCH\_16QAM\_1RB#74



(Channel Bandwidth:15 MHz)\_LCH\_16QAM\_37RB#0





(Channel Bandwidth:15 MHz)\_LCH\_16QAM\_37RB#18



(Channel Bandwidth:15 MHz)\_LCH\_16QAM\_37RB#38



(Channel Bandwidth:15 MHz)\_LCH\_16QAM\_75RB#0



(Channel Bandwidth:15 MHz)\_MCH\_16QAM\_1RB#0



(Channel Bandwidth:15 MHz)\_MCH\_16QAM\_1RB#37



(Channel Bandwidth:15 MHz)\_MCH\_16QAM\_1RB#74



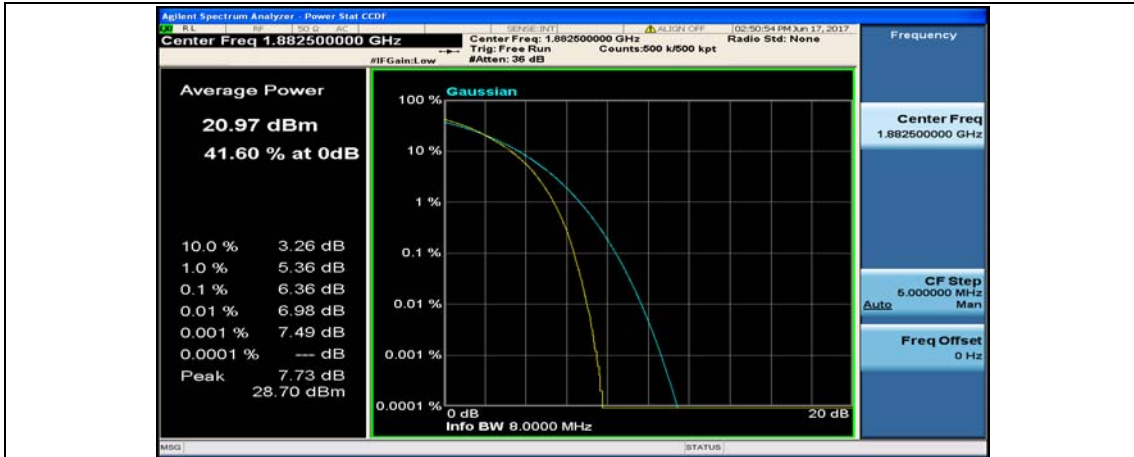
(Channel Bandwidth:15 MHz)\_MCH\_16QAM\_37RB#0



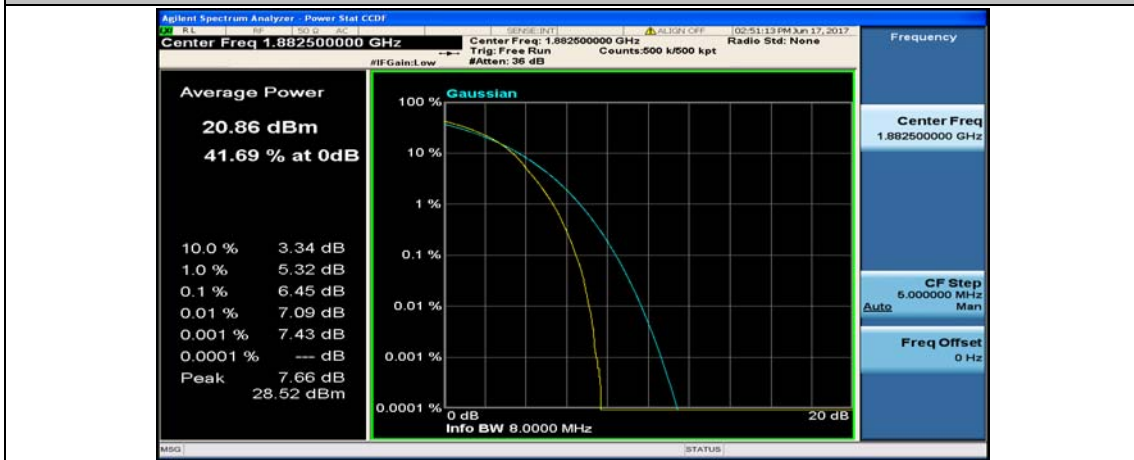
(Channel Bandwidth:15 MHz)\_MCH\_16QAM\_37RB#18



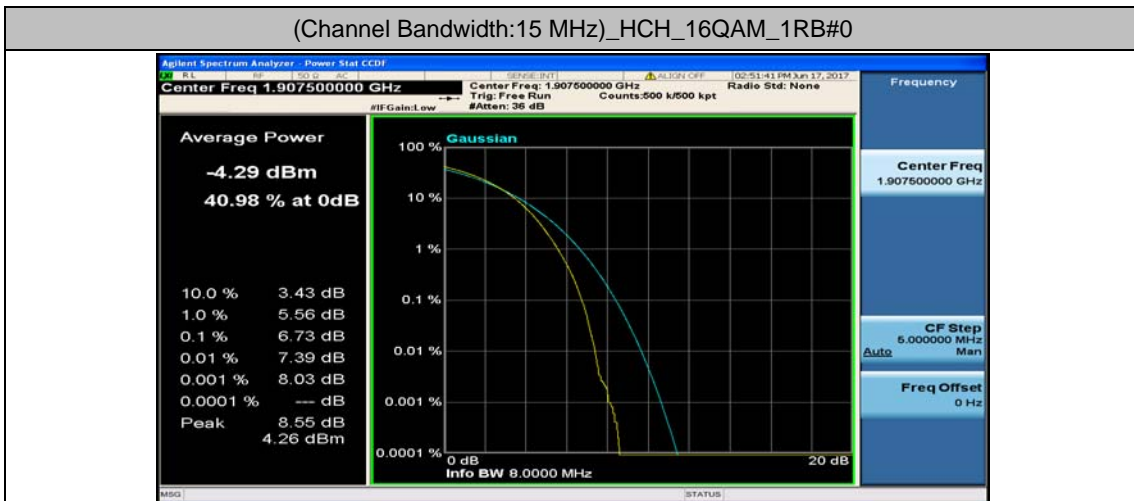
(Channel Bandwidth:15 MHz)\_MCH\_16QAM\_37RB#38



(Channel Bandwidth:15 MHz)\_MCH\_16QAM\_75RB#0



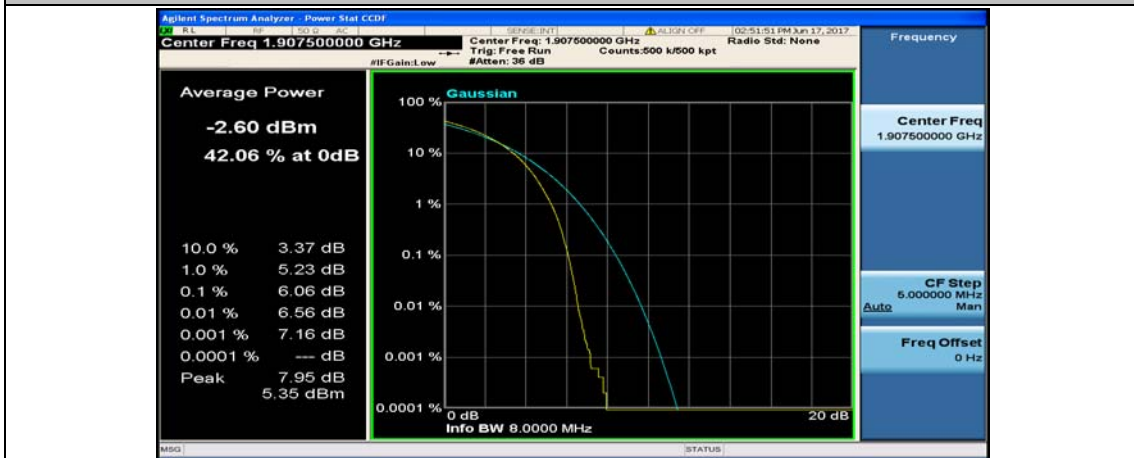
(Channel Bandwidth:15 MHz)\_HCH\_16QAM\_1RB#0



(Channel Bandwidth:15 MHz)\_HCH\_16QAM\_1RB#37



(Channel Bandwidth:15 MHz)\_HCH\_16QAM\_1RB#74



(Channel Bandwidth:15 MHz)\_HCH\_16QAM\_37RB#0



(Channel Bandwidth:15 MHz)\_HCH\_16QAM\_37RB#18





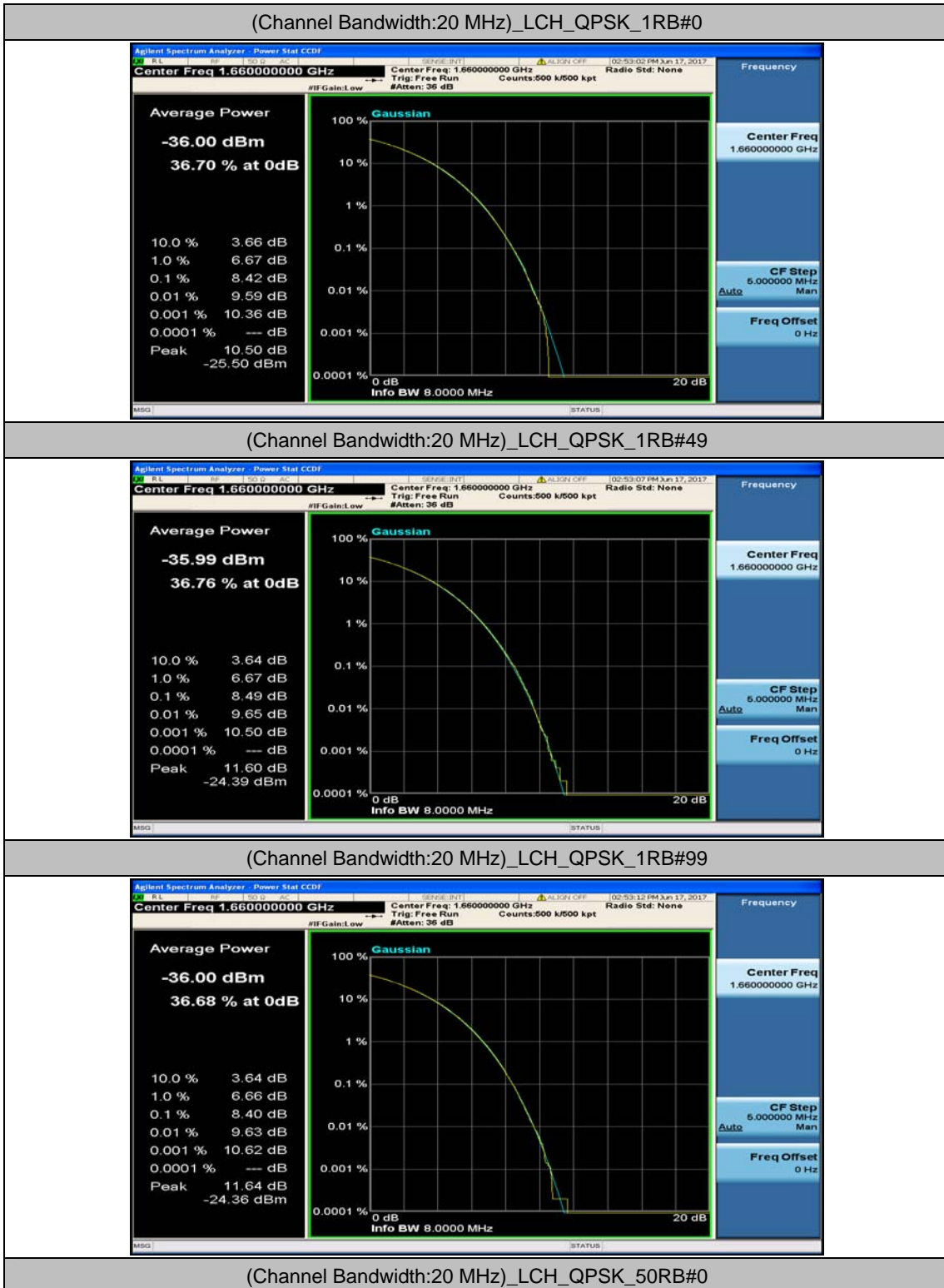
(Channel Bandwidth:15 MHz)\_HCH\_16QAM\_37RB#38



(Channel Bandwidth:15 MHz)\_HCH\_16QAM\_75RB#0

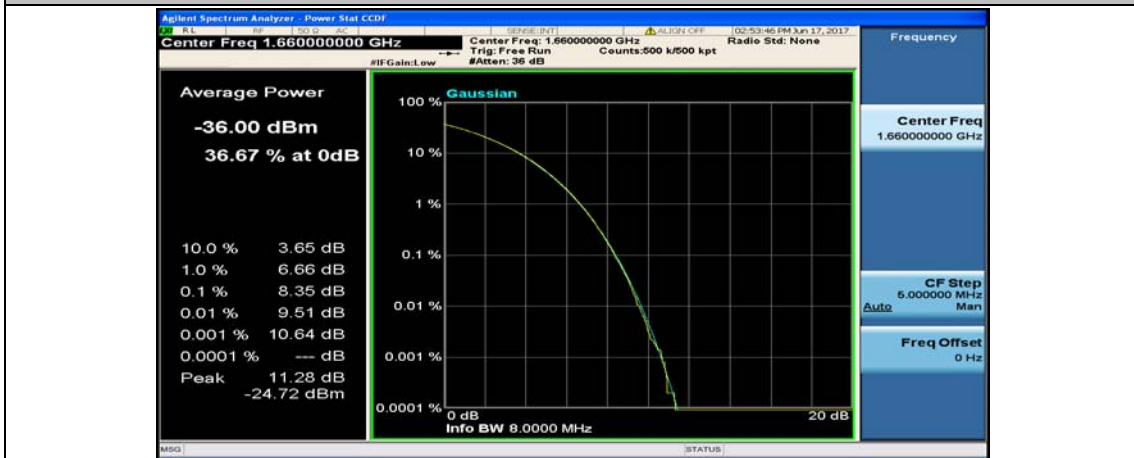


### Channel Bandwidth: 20 MHz





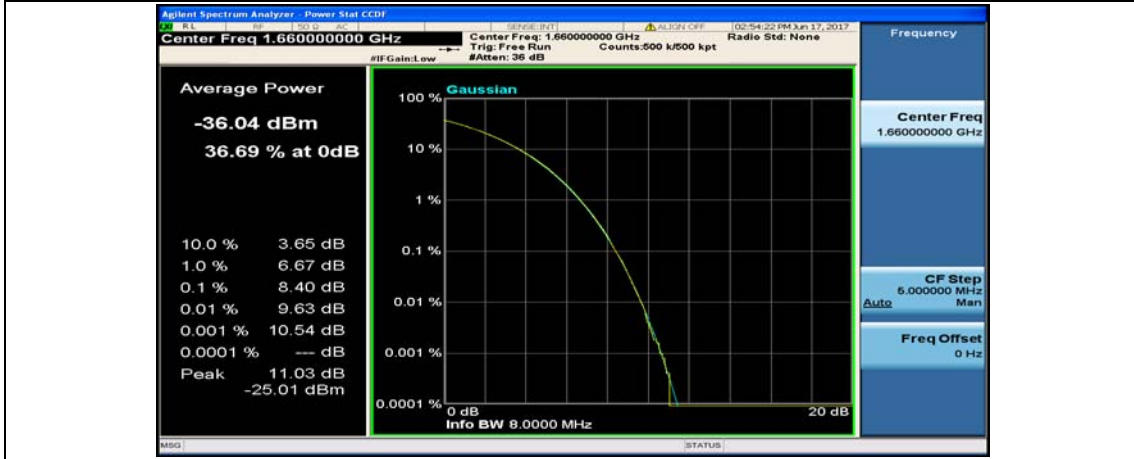
(Channel Bandwidth:20 MHz)\_LCH\_QPSK\_50RB#25



(Channel Bandwidth:20 MHz)\_LCH\_QPSK\_50RB#50



(Channel Bandwidth:20 MHz)\_LCH\_QPSK\_100RB#0



(Channel Bandwidth:20 MHz)\_MCH\_QPSK\_1RB#0



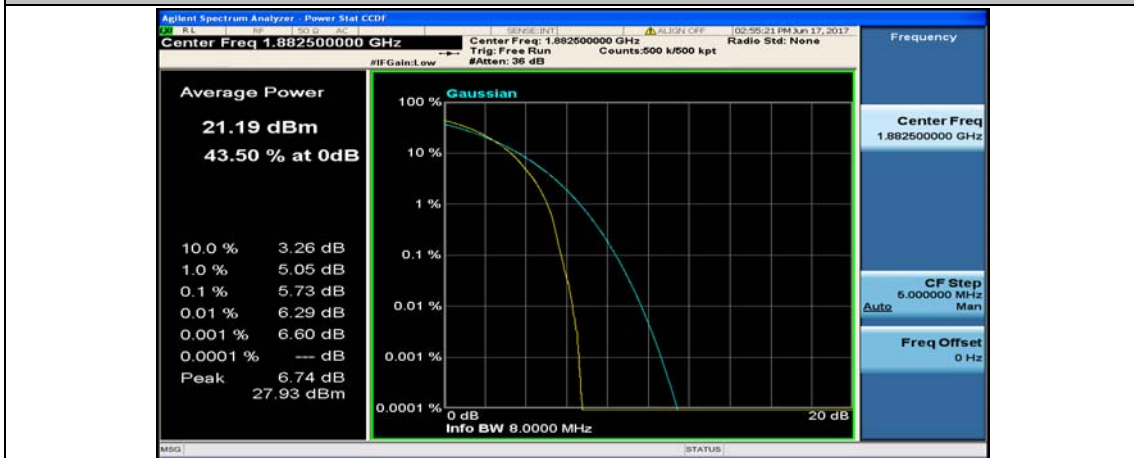
(Channel Bandwidth:20 MHz)\_MCH\_QPSK\_1RB#49



(Channel Bandwidth:20 MHz)\_MCH\_QPSK\_1RB#99



(Channel Bandwidth:20 MHz)\_MCH\_QPSK\_50RB#0



(Channel Bandwidth:20 MHz)\_MCH\_QPSK\_50RB#25



(Channel Bandwidth:20 MHz)\_MCH\_QPSK\_50RB#50

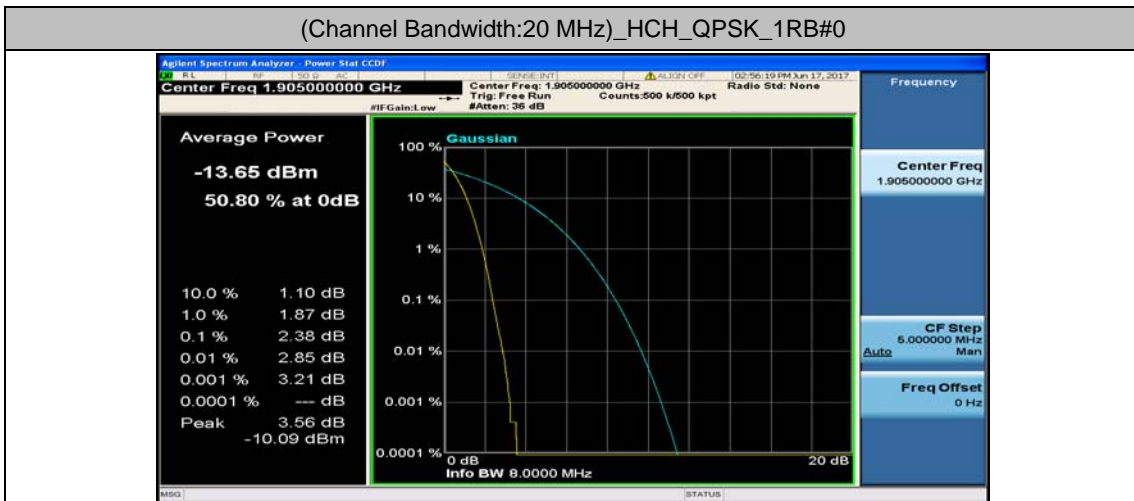




(Channel Bandwidth:20 MHz)\_MCH\_QPSK\_100RB#0



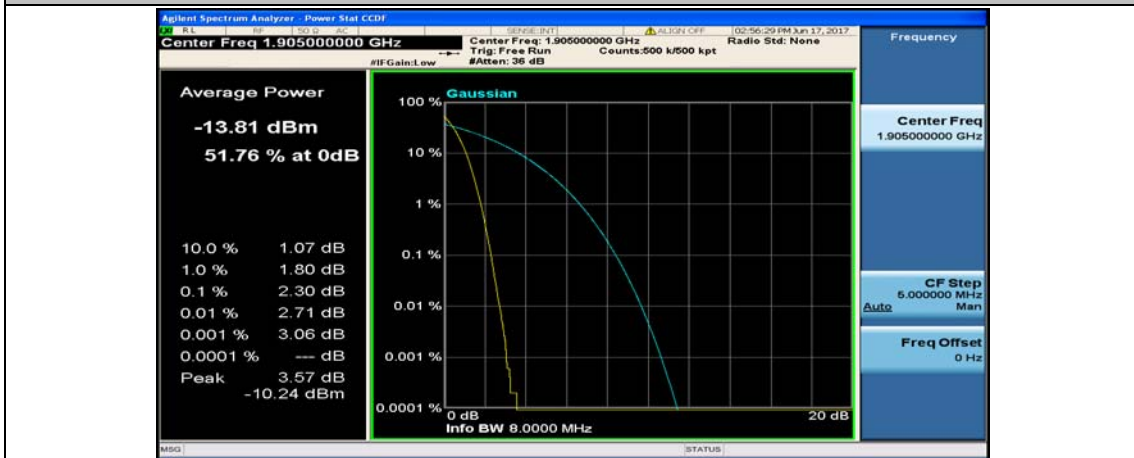
(Channel Bandwidth:20 MHz)\_HCH\_QPSK\_1RB#0



(Channel Bandwidth:20 MHz)\_HCH\_QPSK\_1RB#49



(Channel Bandwidth:20 MHz)\_HCH\_QPSK\_1RB#99



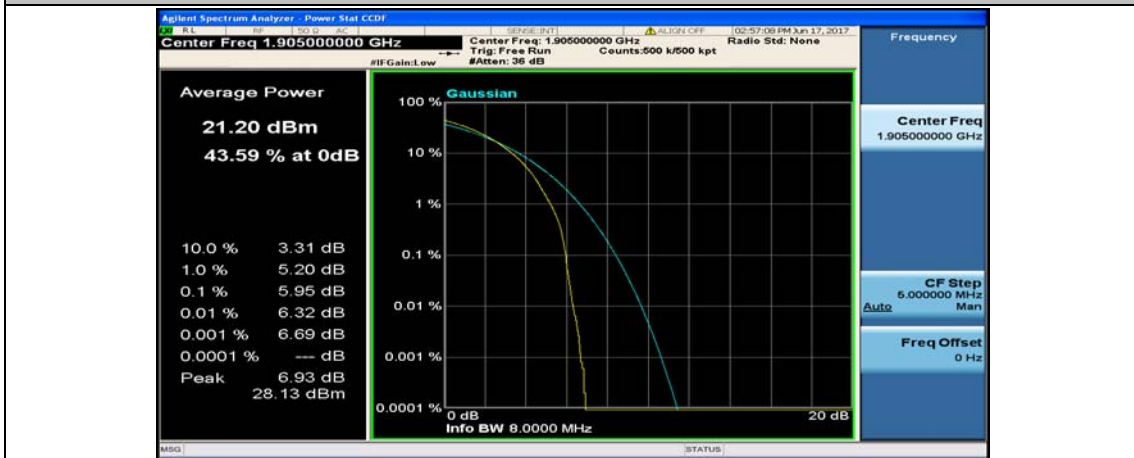
(Channel Bandwidth:20 MHz)\_HCH\_QPSK\_50RB#0



(Channel Bandwidth:20 MHz)\_HCH\_QPSK\_50RB#25



(Channel Bandwidth:20 MHz)\_HCH\_QPSK\_50RB#50



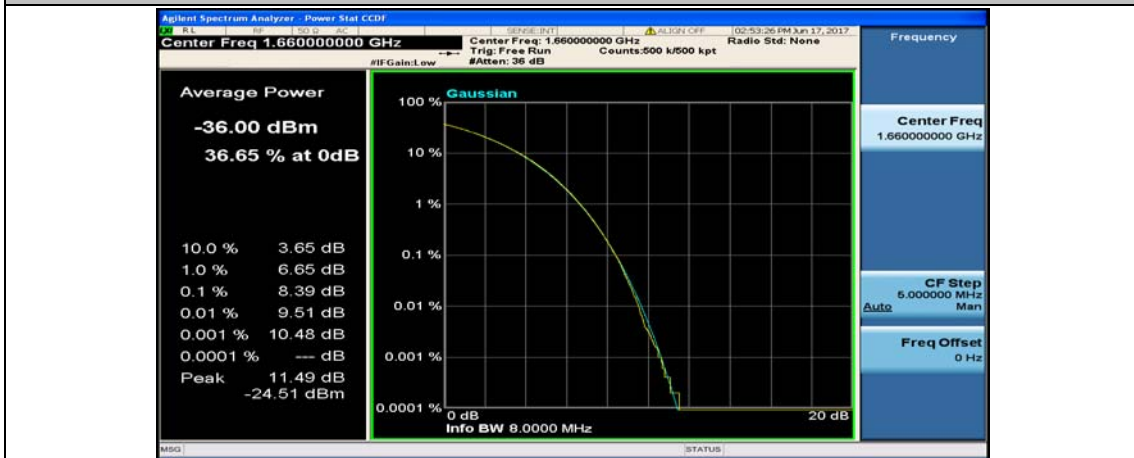
(Channel Bandwidth:20 MHz)\_HCH\_QPSK\_100RB#0



(Channel Bandwidth:20 MHz)\_LCH\_16QAM\_1RB#0



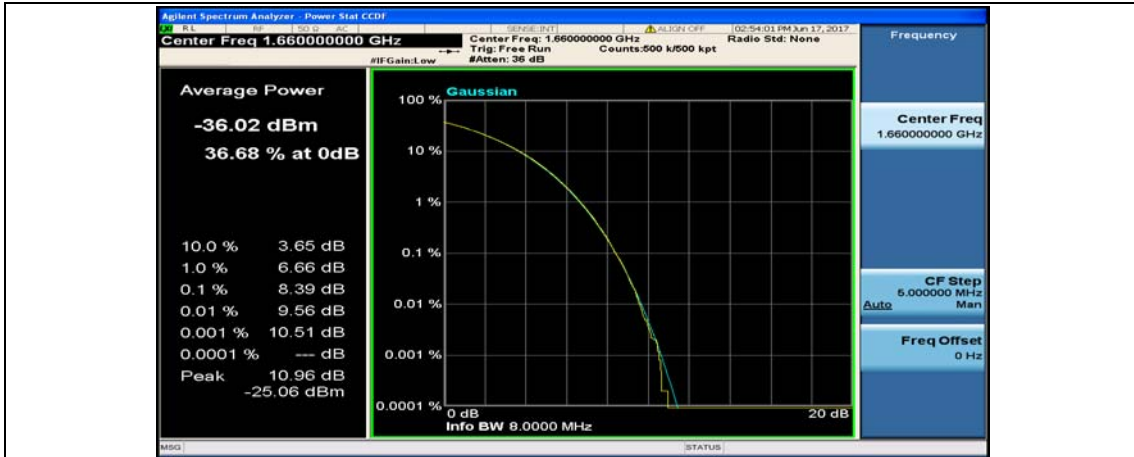
(Channel Bandwidth:20 MHz)\_LCH\_16QAM\_1RB#49



(Channel Bandwidth:20 MHz)\_LCH\_16QAM\_1RB#99



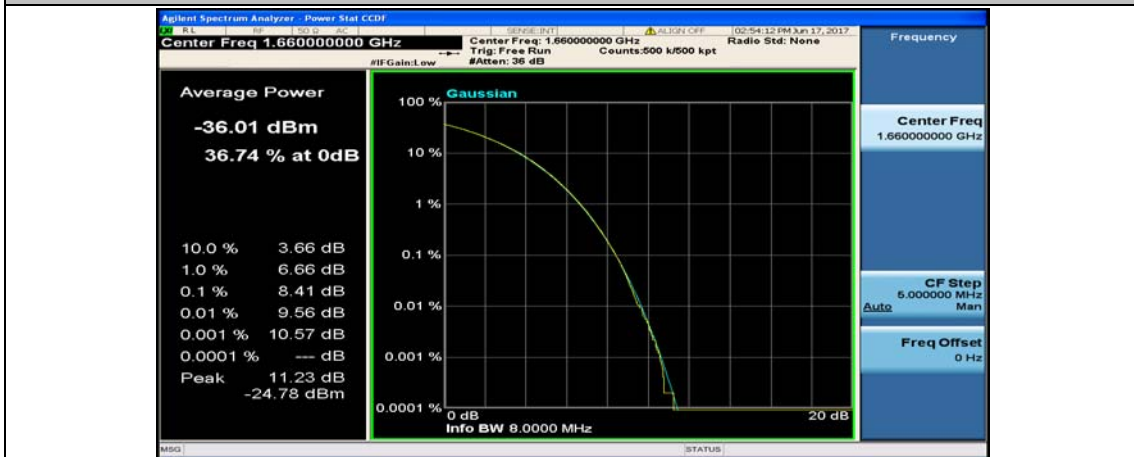
(Channel Bandwidth:20 MHz)\_LCH\_16QAM\_50RB#0



(Channel Bandwidth:20 MHz)\_LCH\_16QAM\_50RB#25

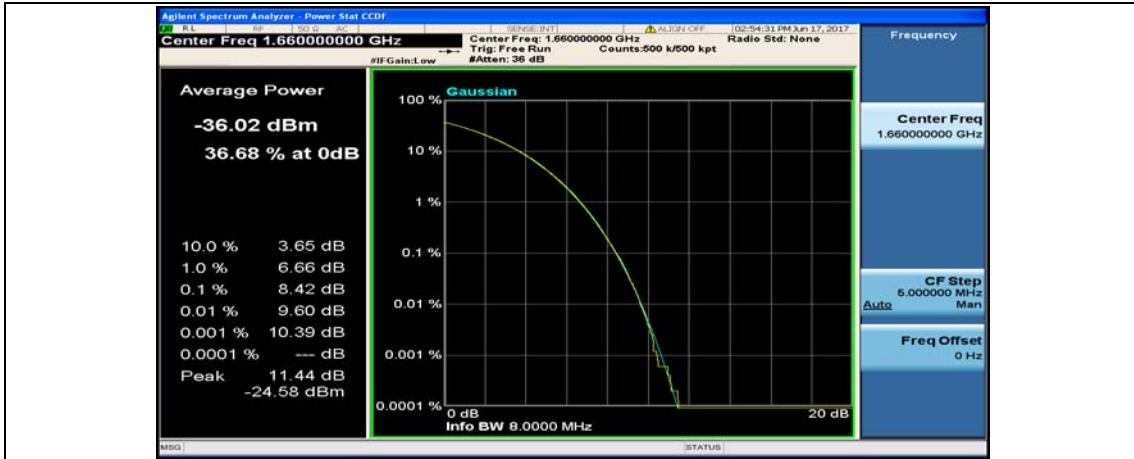


(Channel Bandwidth:20 MHz)\_LCH\_16QAM\_50RB#50



(Channel Bandwidth:20 MHz)\_LCH\_16QAM\_100RB#0





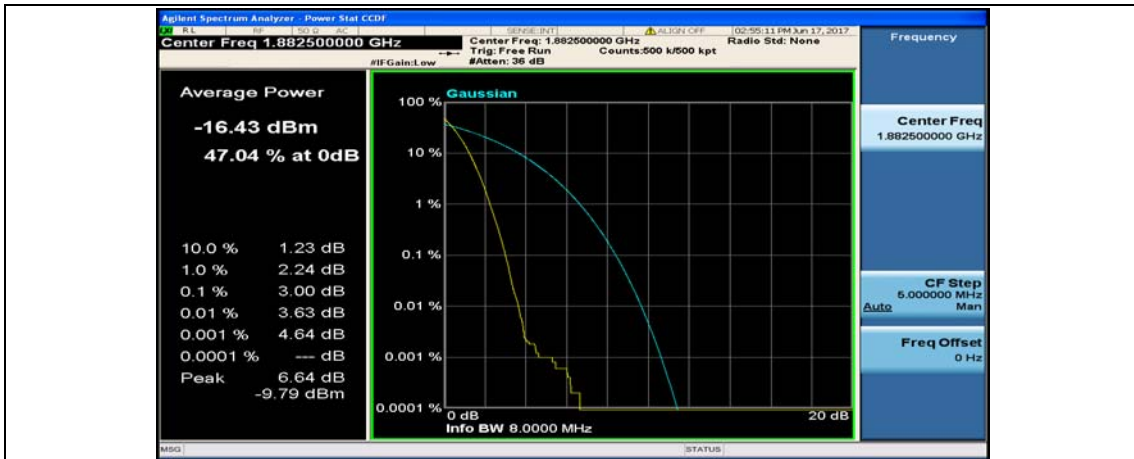
(Channel Bandwidth:20 MHz)\_MCH\_16QAM\_1RB#0



(Channel Bandwidth:20 MHz)\_MCH\_16QAM\_1RB#49



(Channel Bandwidth:20 MHz)\_MCH\_16QAM\_1RB#99



(Channel Bandwidth:20 MHz)\_MCH\_16QAM\_50RB#0



(Channel Bandwidth:20 MHz)\_MCH\_16QAM\_50RB#25



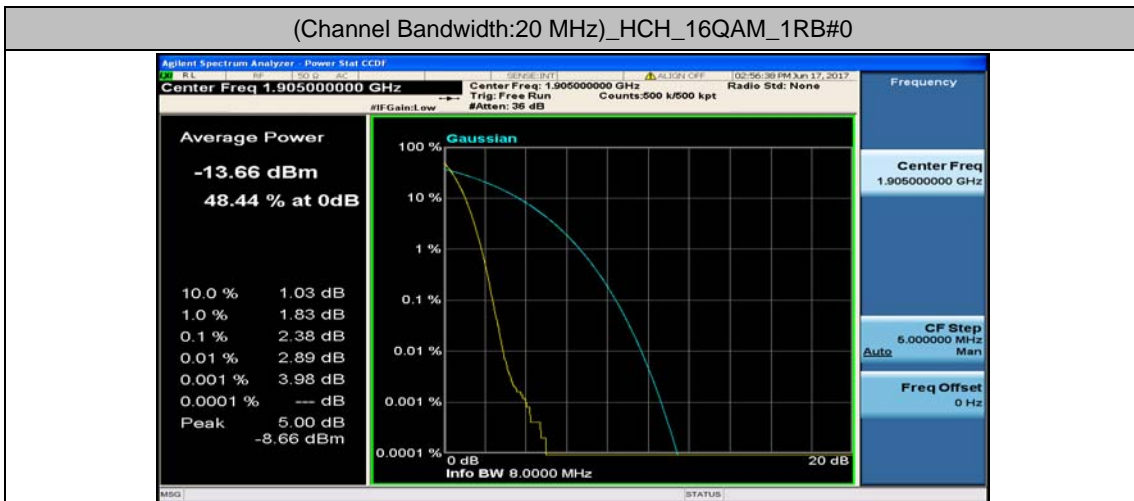
(Channel Bandwidth:20 MHz)\_MCH\_16QAM\_50RB#50



(Channel Bandwidth:20 MHz)\_MCH\_16QAM\_100RB#0



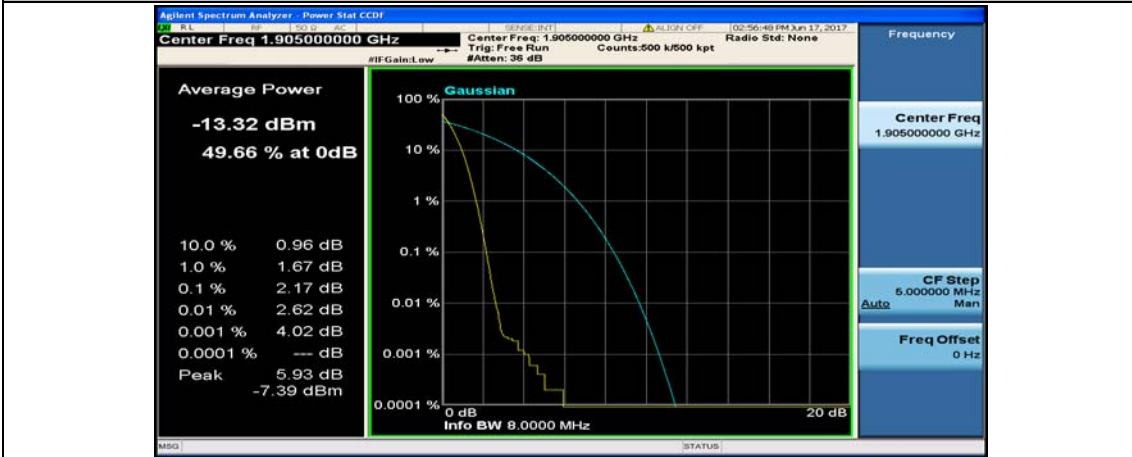
(Channel Bandwidth:20 MHz)\_HCH\_16QAM\_1RB#0



(Channel Bandwidth:20 MHz)\_HCH\_16QAM\_1RB#49



(Channel Bandwidth:20 MHz)\_HCH\_16QAM\_1RB#99



(Channel Bandwidth:20 MHz)\_HCH\_16QAM\_50RB#0



(Channel Bandwidth:20 MHz)\_HCH\_16QAM\_50RB#25



(Channel Bandwidth:20 MHz)\_HCH\_16QAM\_50RB#0



(Channel Bandwidth:20 MHz)\_HCH\_16QAM\_100RB#0





## Appendix C: 26dB Bandwidth and Occupied Bandwidth

### Test Result

#### Channel Bandwidth: 1.4 MHz

Channel Bandwidth: 1.4 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	6	0	1.0775	1.251	PASS
	MCH	6	0	1.0759	1.250	PASS
	HCH	6	0	1.0787	1.238	PASS
16QAM	LCH	6	0	1.0824	1.276	PASS
	MCH	6	0	1.0805	1.262	PASS
	HCH	6	0	1.0797	1.233	PASS

#### Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	15	0	2.6856	2.915	PASS
	MCH	15	0	2.6848	2.935	PASS
	HCH	15	0	2.6857	2.922	PASS
16QAM	LCH	15	0	2.6860	2.884	PASS
	MCH	15	0	2.6817	2.919	PASS
	HCH	15	0	2.6872	2.978	PASS

#### 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	4.4765	4.824	PASS
	MCH	25	0	4.4718	4.800	PASS
	HCH	25	0	4.4760	4.832	PASS
16QAM	LCH	25	0	4.4632	4.827	PASS
	MCH	25	0	4.4608	4.858	PASS
	HCH	25	0	4.4752	4.789	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	8.9132	9.481	PASS
	MCH	50	0	8.9302	9.517	PASS
	HCH	50	0	8.9313	9.452	PASS
16QAM	LCH	50	0	8.9124	9.360	PASS
	MCH	50	0	8.9222	9.400	PASS
	HCH	50	0	8.9332	9.510	PASS

### Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	75	0	13.334	13.94	PASS
	MCH	75	0	13.367	14.01	PASS
	HCH	75	0	13.381	14.00	PASS
16QAM	LCH	75	0	13.326	13.94	PASS
	MCH	75	0	13.363	14.05	PASS
	HCH	75	0	13.377	14.13	PASS

### Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	100	0	17.720	18.49	PASS
	MCH	100	0	17.782	18.56	PASS
	HCH	100	0	17.840	18.66	PASS
16QAM	LCH	100	0	17.730	18.50	PASS
	MCH	100	0	17.795	18.53	PASS
	HCH	100	0	17.845	18.78	PASS

## Test Graphs

### Channel Bandwidth: 1.4 MHz

(Channel Bandwidth: 1.4 MHz)\_LCH\_QPSK\_6RB#0