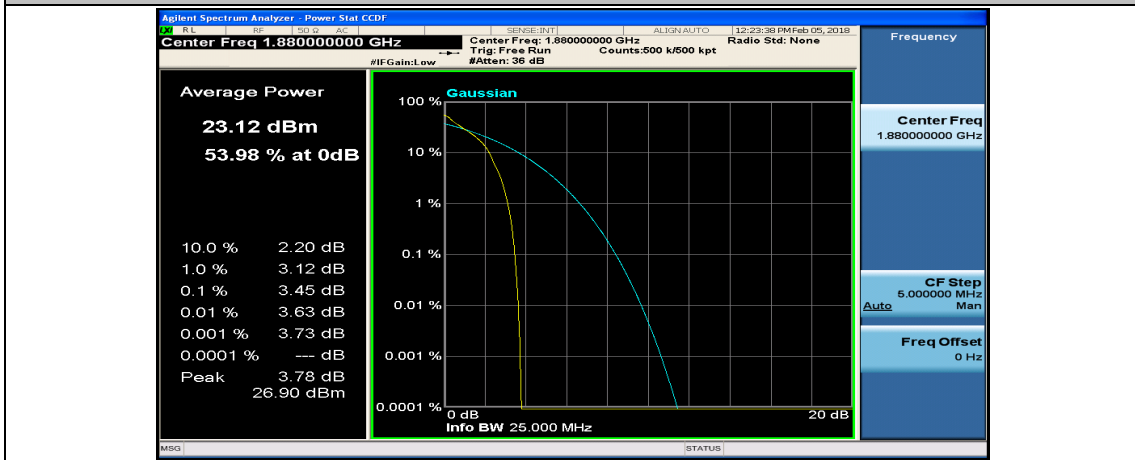
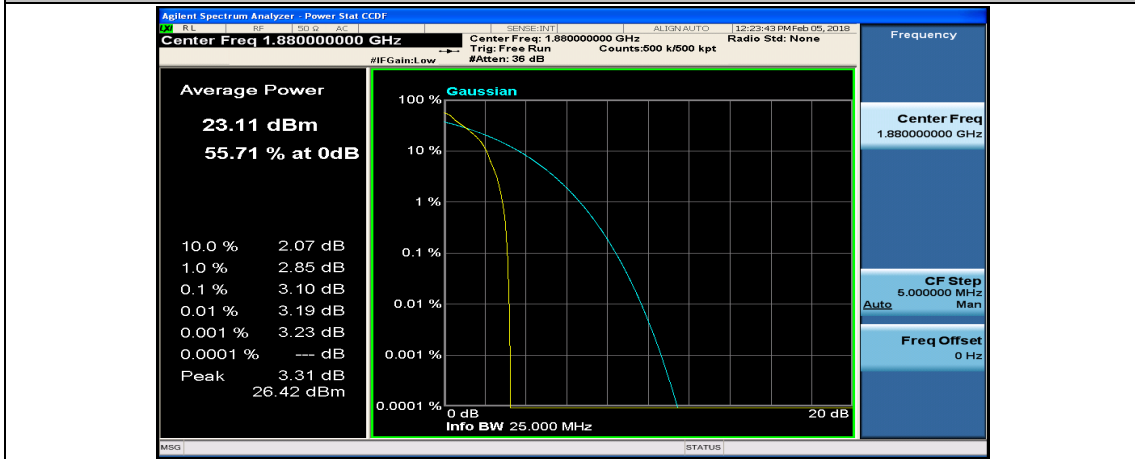


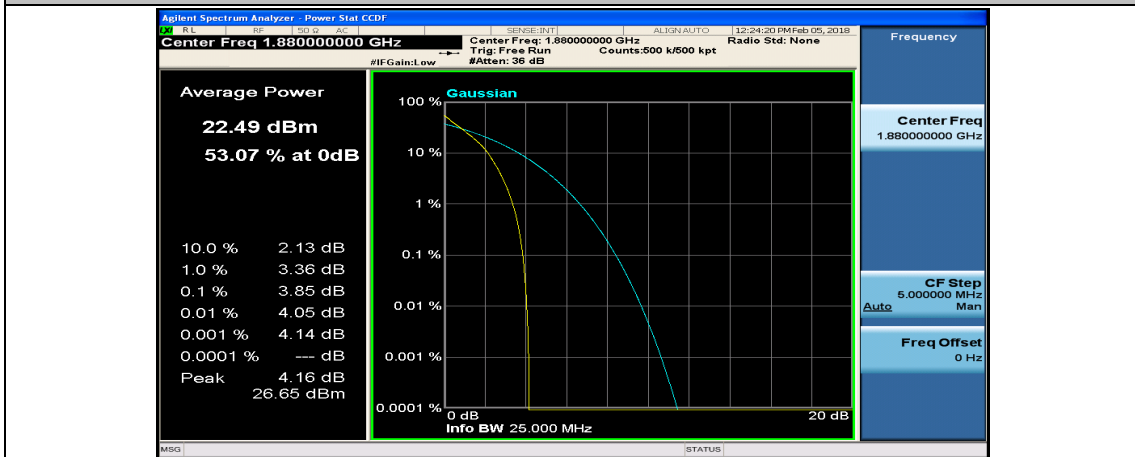
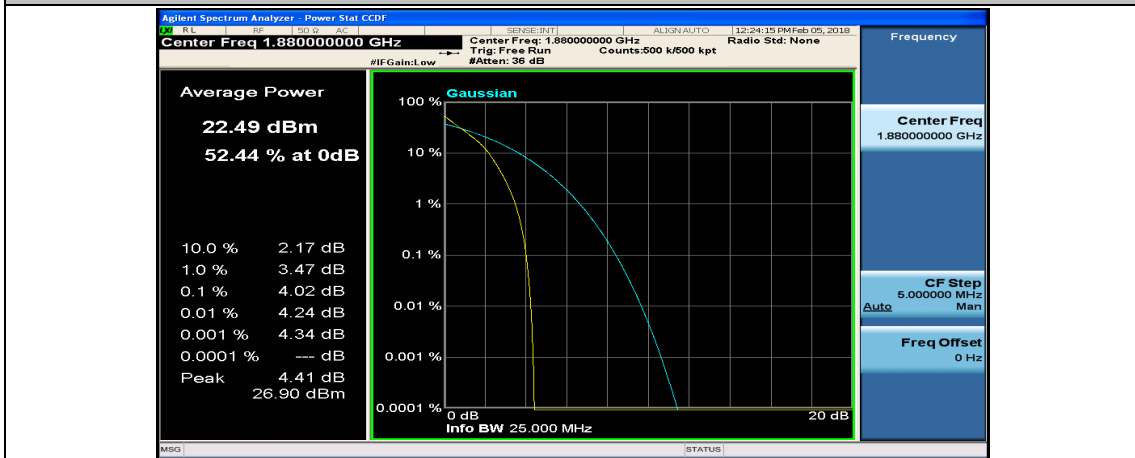
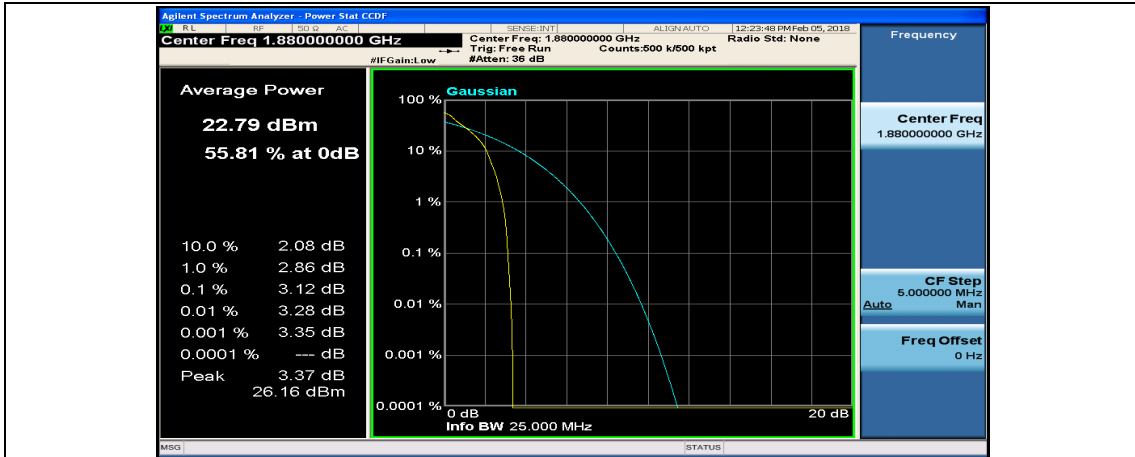
Channel Bandwidth: 10 MHz\_MCH\_QPSK\_1RB#0

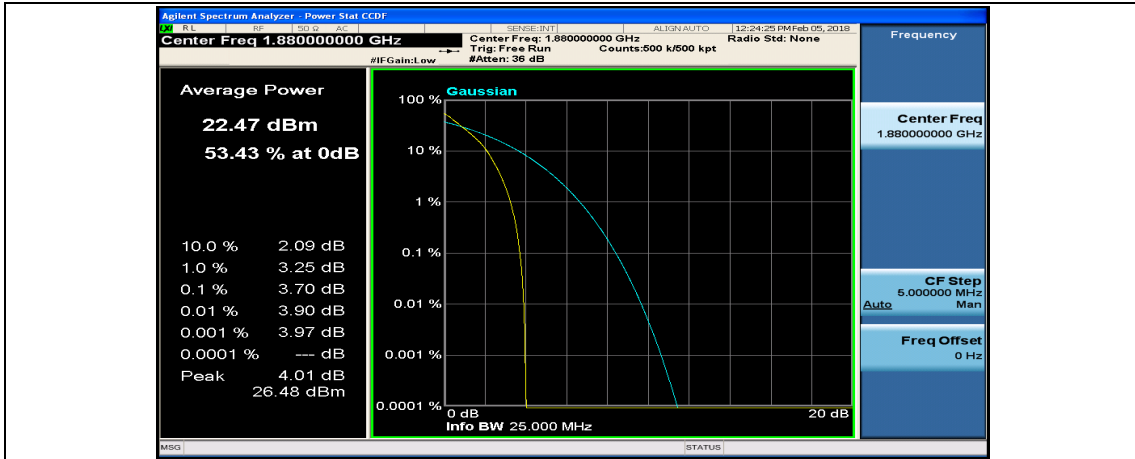


Channel Bandwidth: 10 MHz\_MCH\_QPSK\_1RB#24

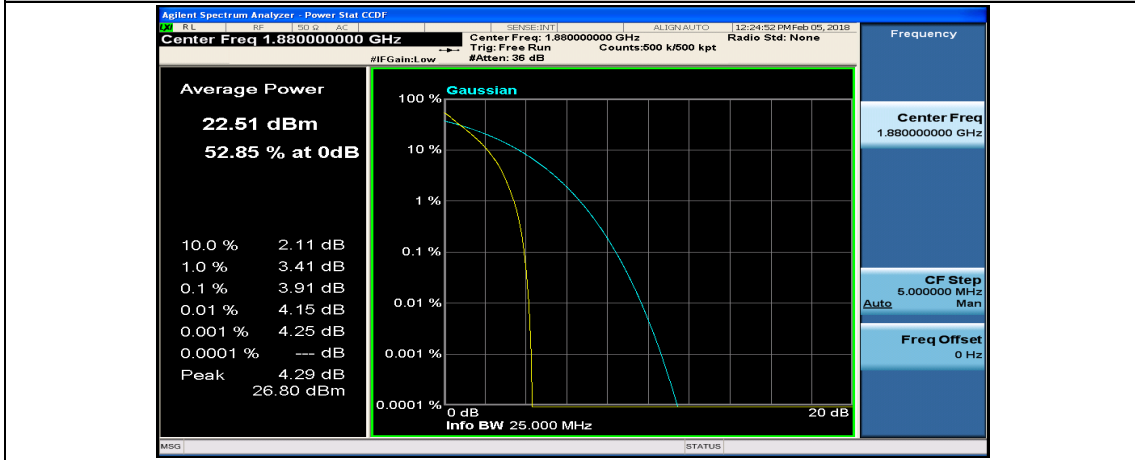


Channel Bandwidth: 10 MHz\_MCH\_QPSK\_1RB#49

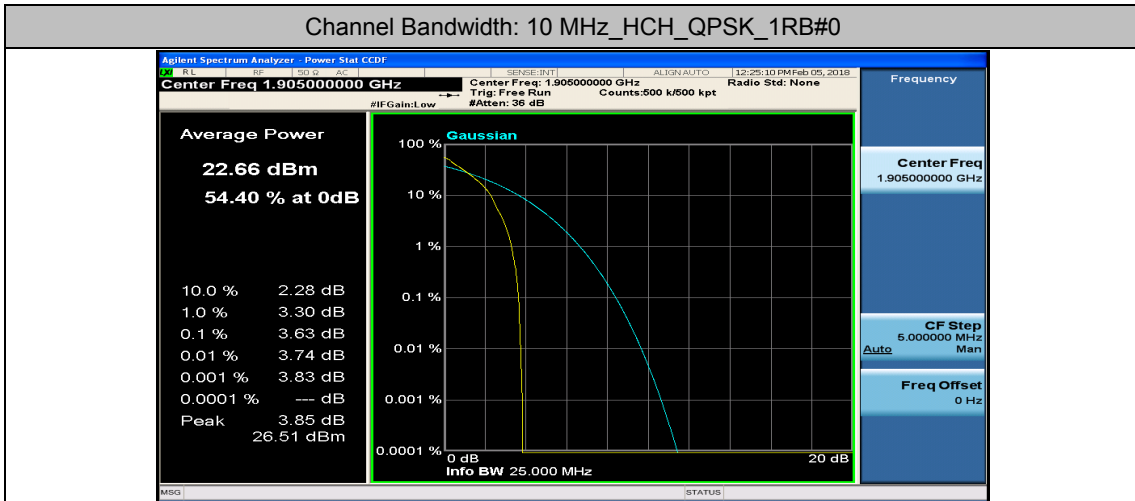




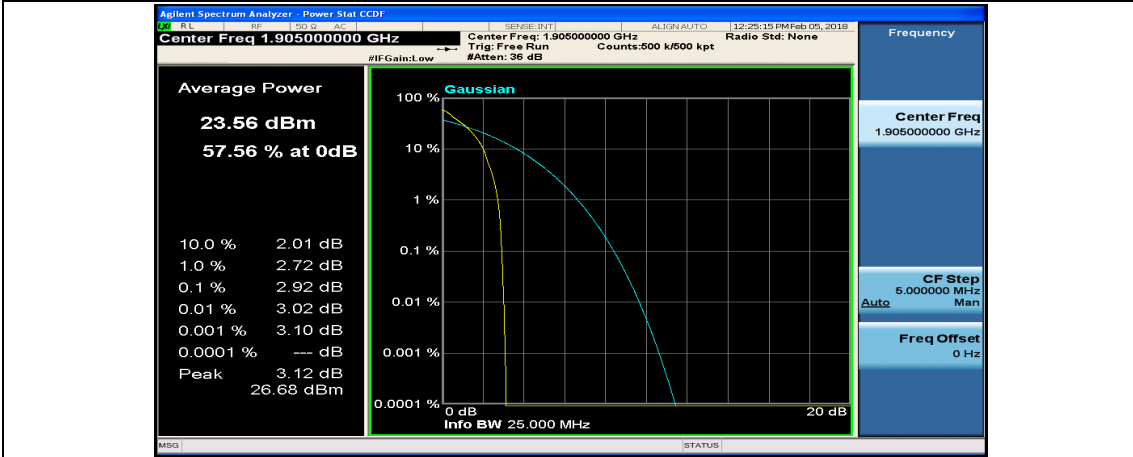
Channel Bandwidth: 10 MHz\_MCH\_QPSK\_50RB#0



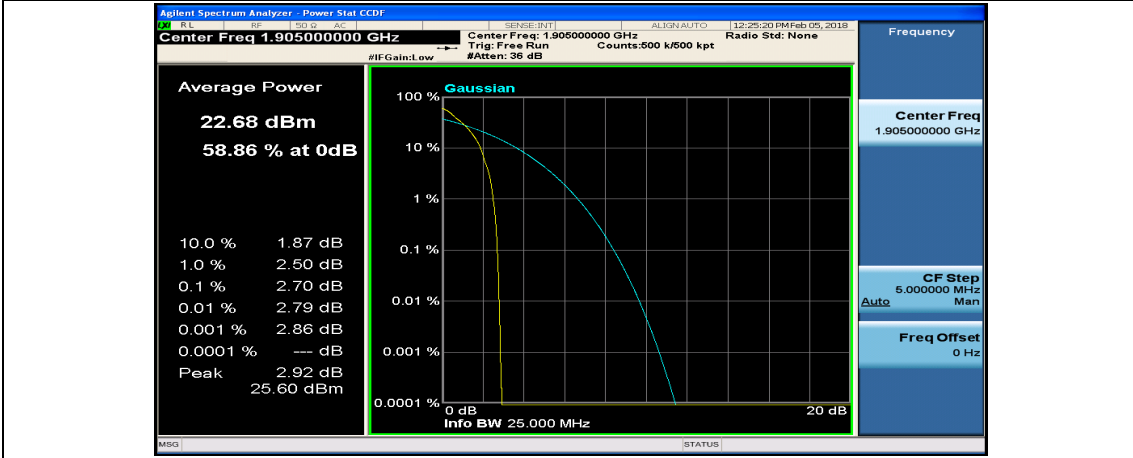
Channel Bandwidth: 10 MHz\_HCH\_QPSK\_1RB#0



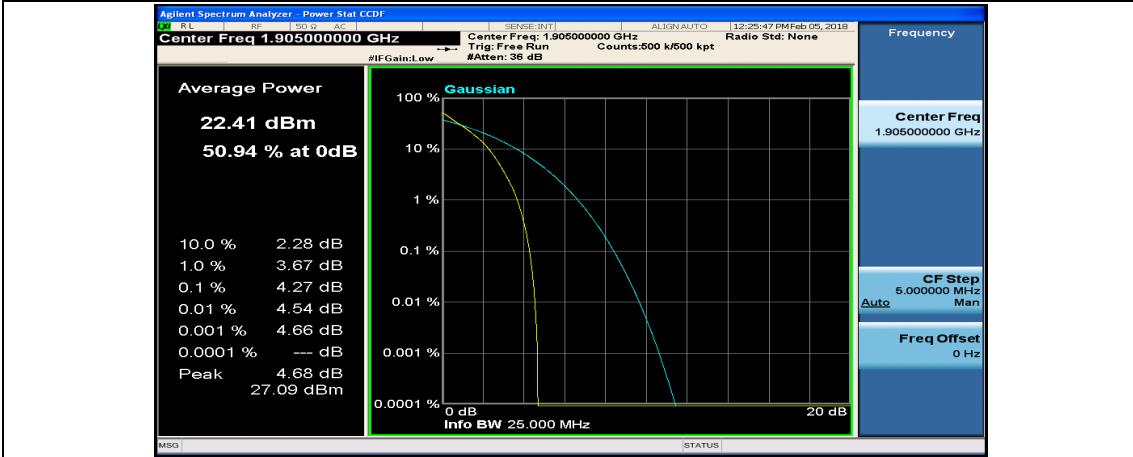
Channel Bandwidth: 10 MHz\_HCH\_QPSK\_1RB#24



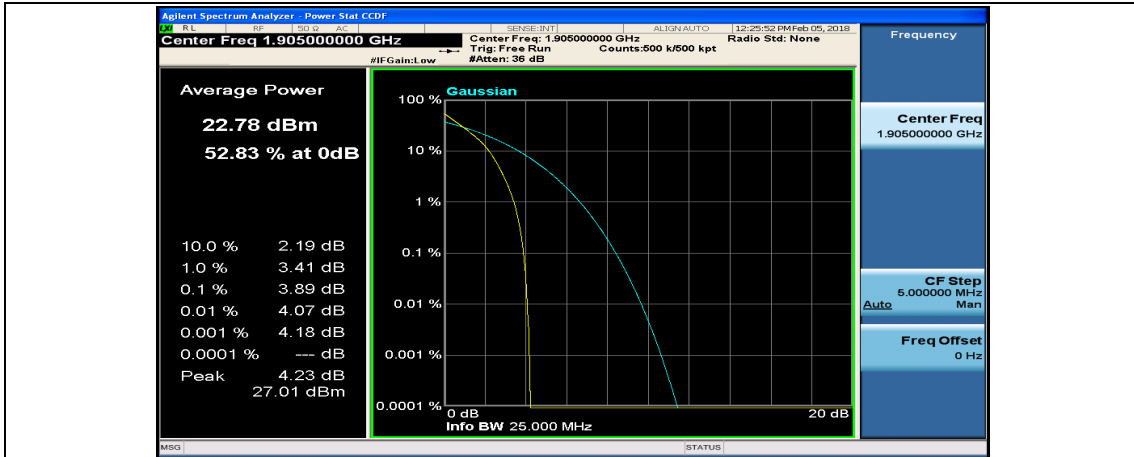
Channel Bandwidth: 10 MHz\_HCH\_QPSK\_1RB#49



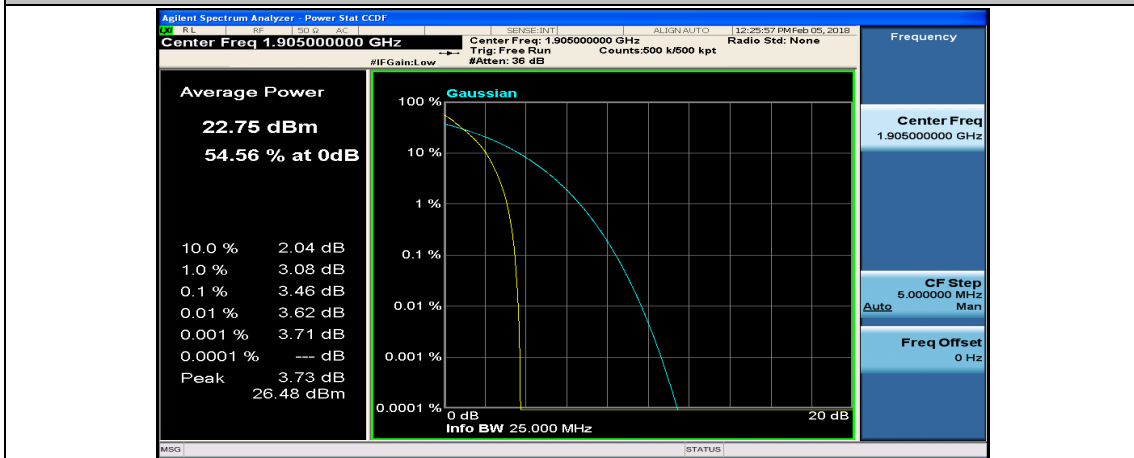
Channel Bandwidth: 10 MHz\_HCH\_QPSK\_25RB#0



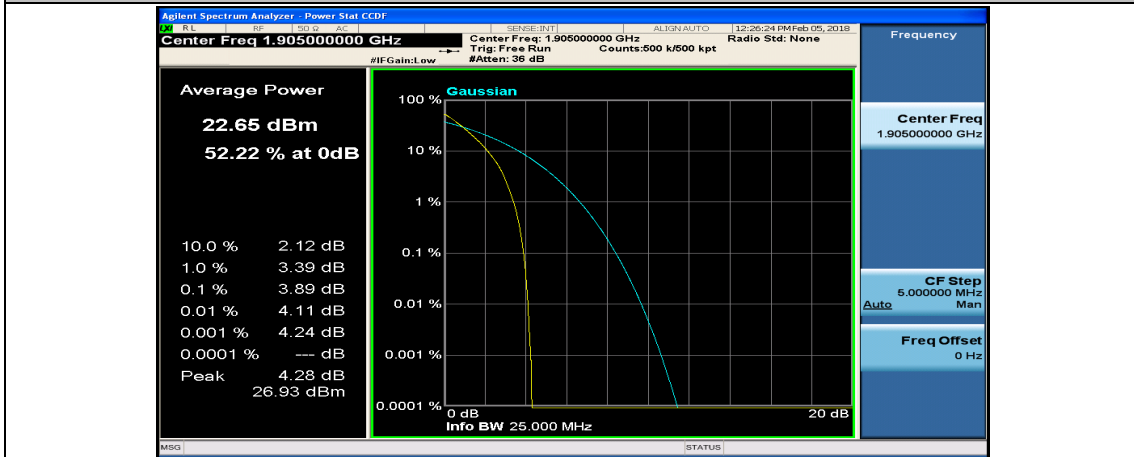
Channel Bandwidth: 10 MHz\_HCH\_QPSK\_25RB#12



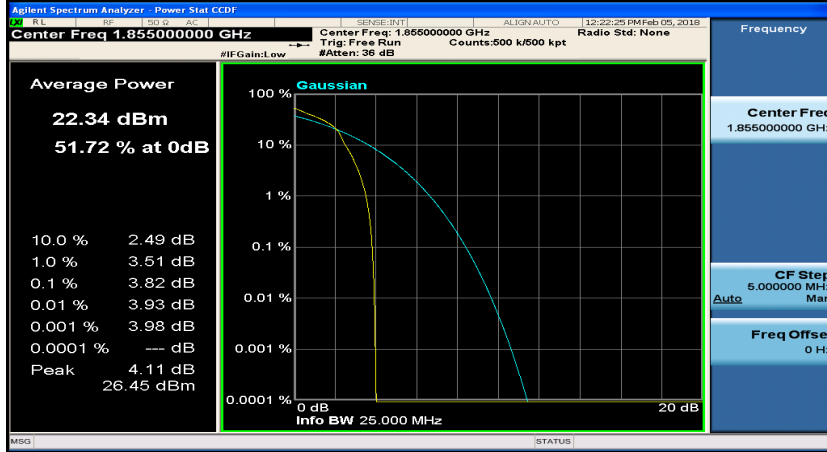
Channel Bandwidth: 10 MHz\_HCH\_QPSK\_25RB#25



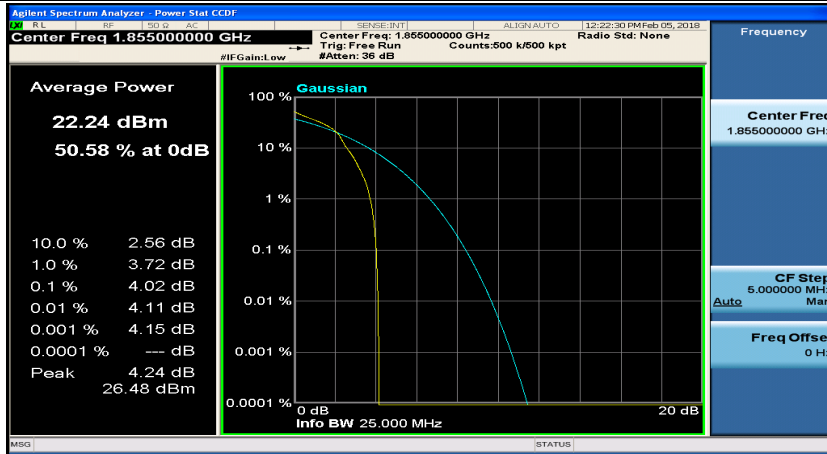
Channel Bandwidth: 10 MHz\_HCH\_QPSK\_50RB#0



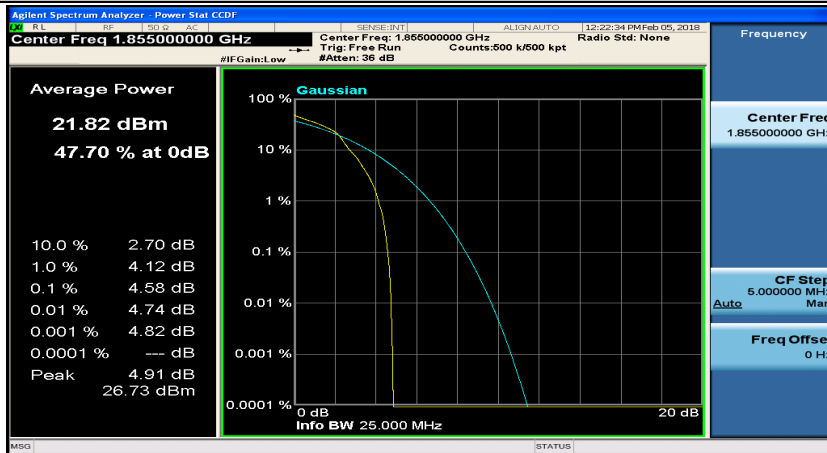
Channel Bandwidth: 10 MHz\_LCH\_16QAM\_1RB#0



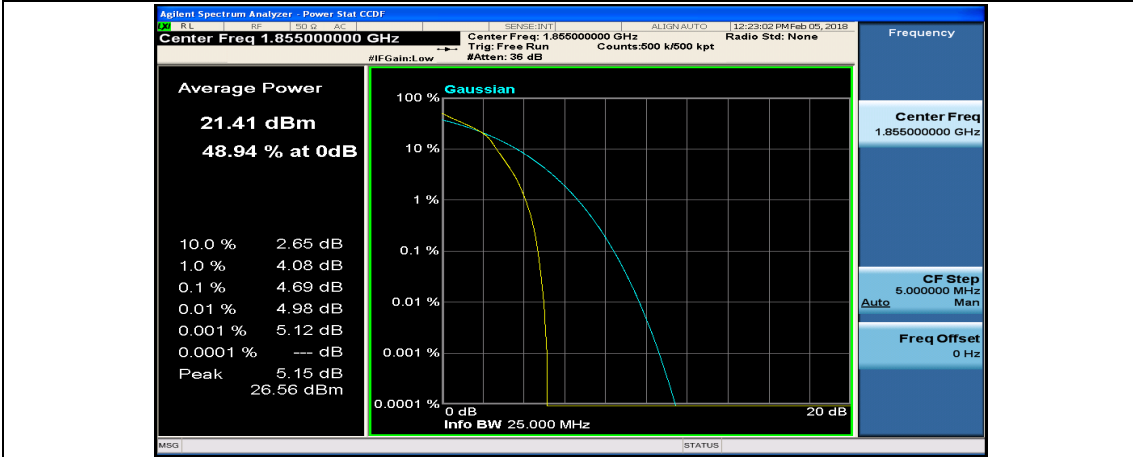
Channel Bandwidth: 10 MHz\_LCH\_16QAM\_1RB#24



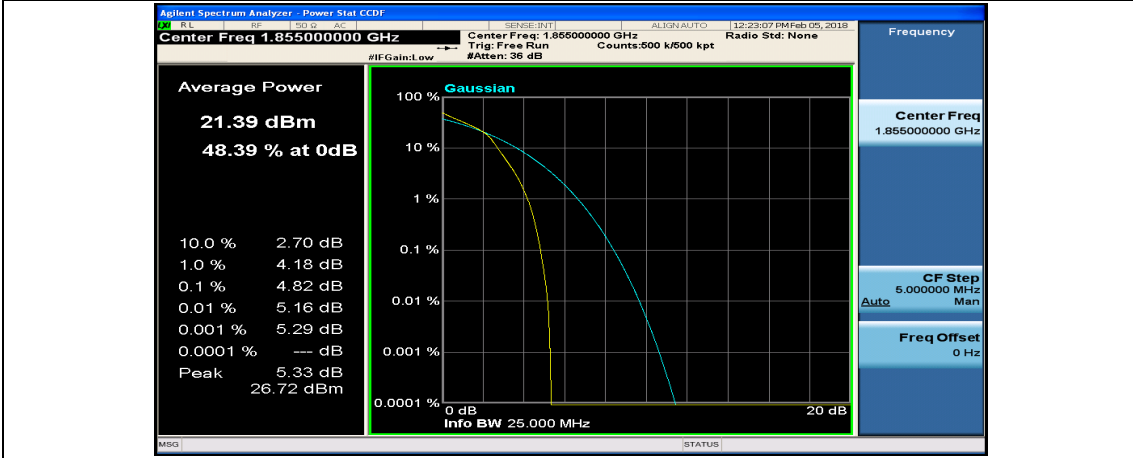
Channel Bandwidth: 10 MHz\_LCH\_16QAM\_1RB#49



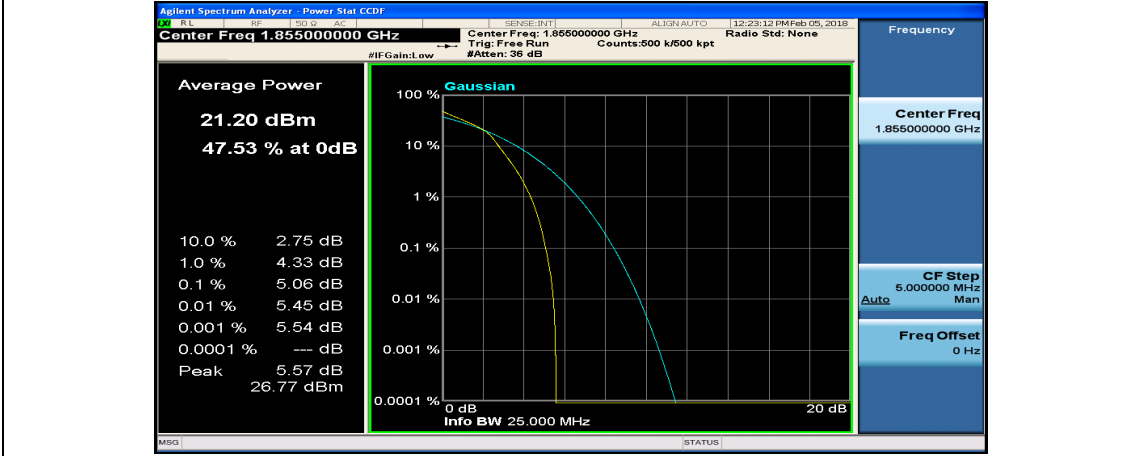
Channel Bandwidth: 10 MHz\_LCH\_16QAM\_25RB#0



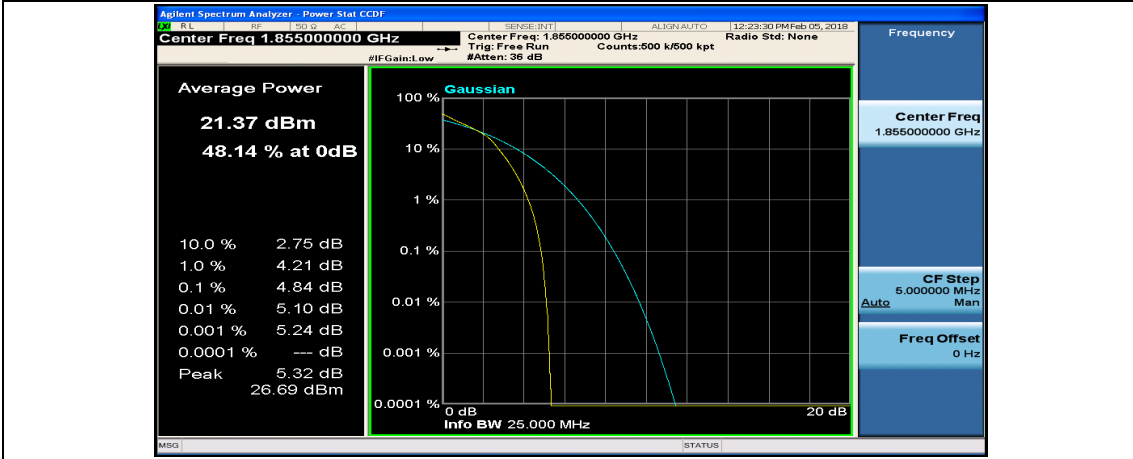
Channel Bandwidth: 10 MHz\_LCH\_16QAM\_25RB#12



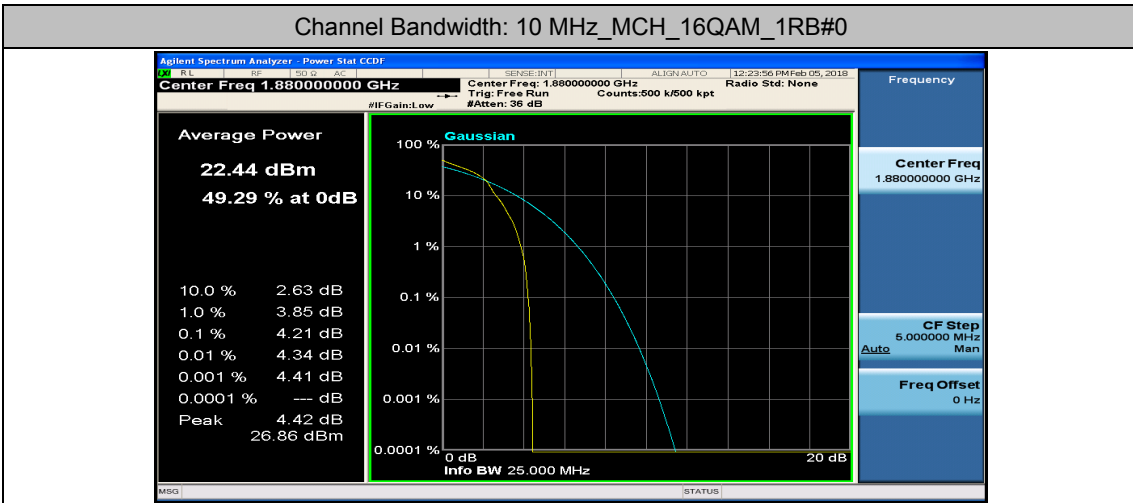
Channel Bandwidth: 10 MHz\_LCH\_16QAM\_25RB#25



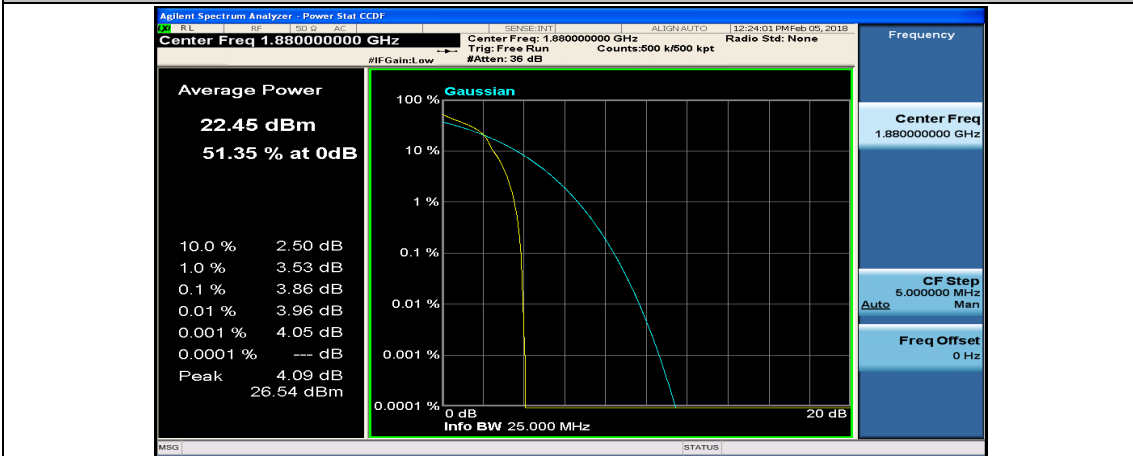
Channel Bandwidth: 10 MHz\_LCH\_16QAM\_50RB#0



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

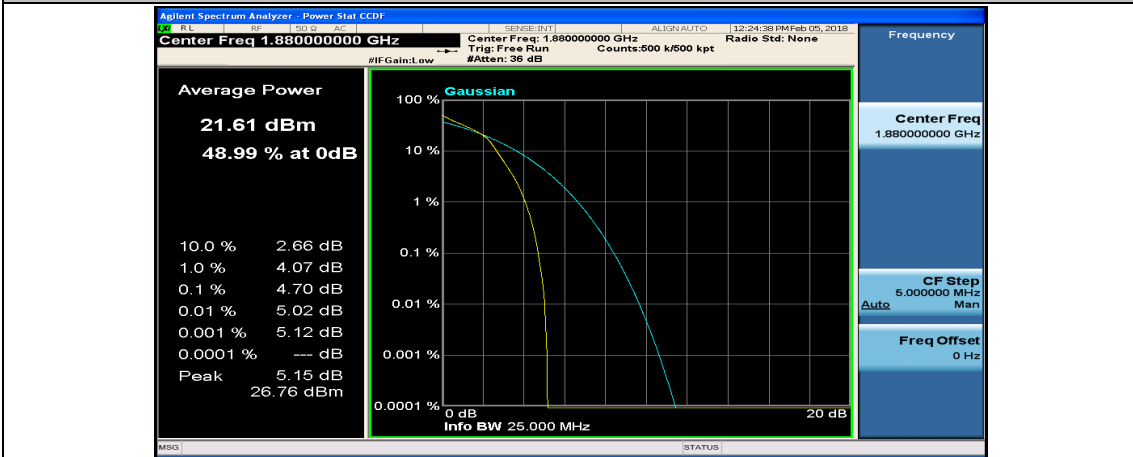
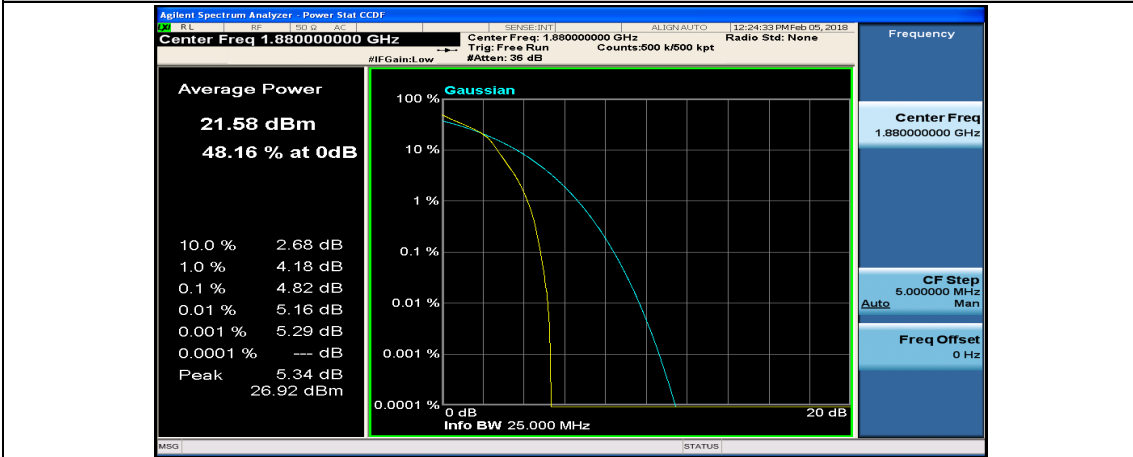
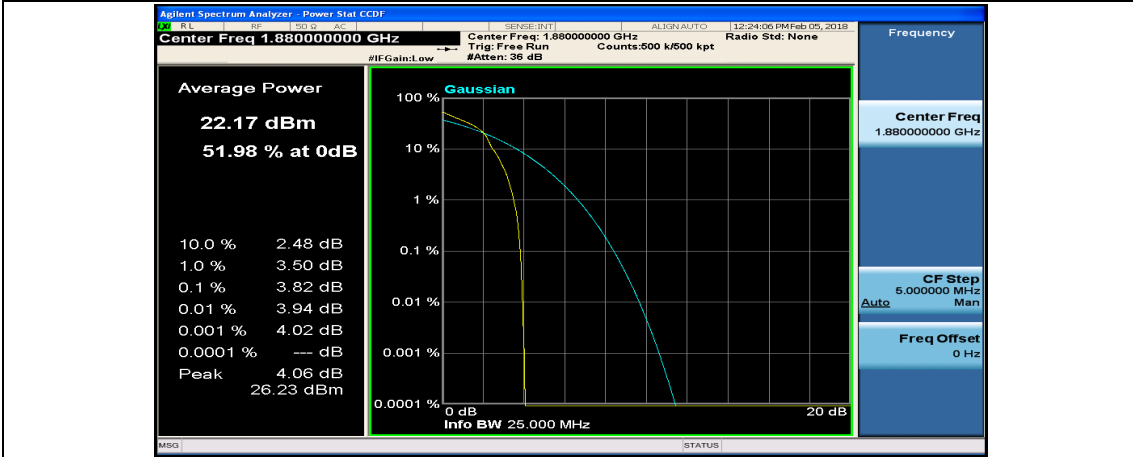


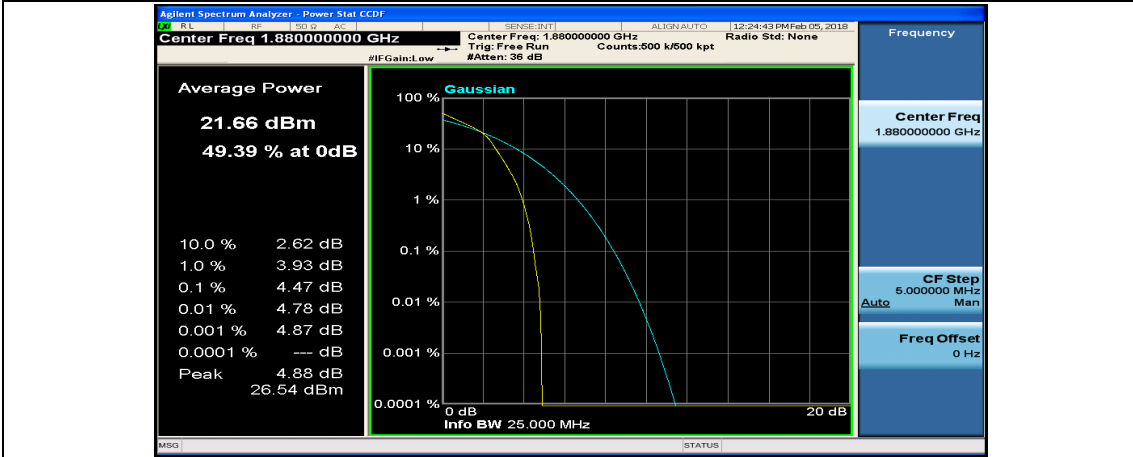
Channel Bandwidth: 10 MHz\_MCH\_16QAM\_1RB#24



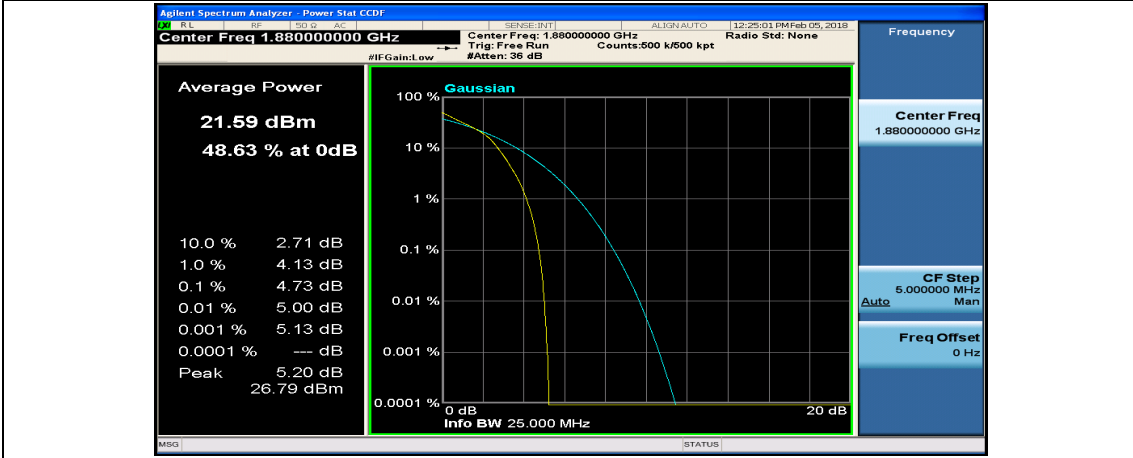
Channel Bandwidth: 10 MHz\_MCH\_16QAM\_1RB#49



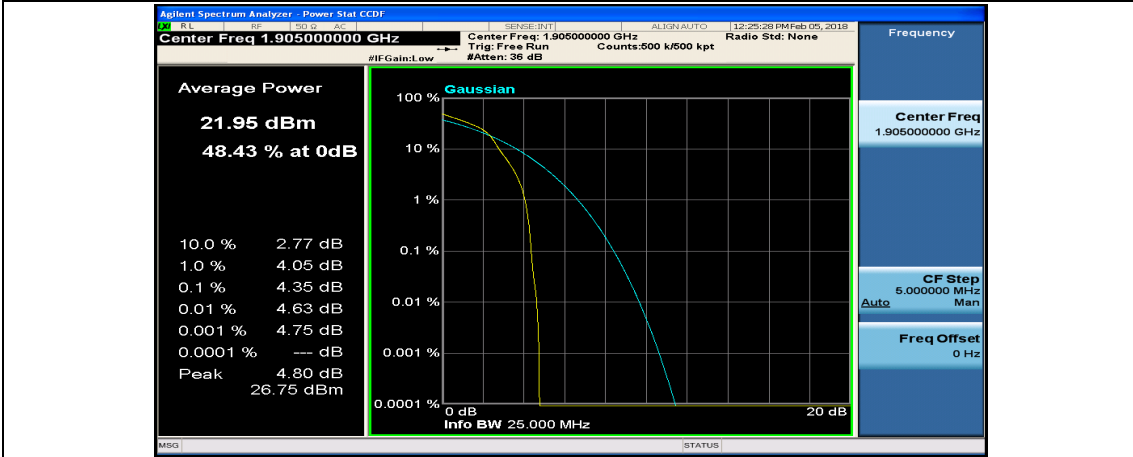




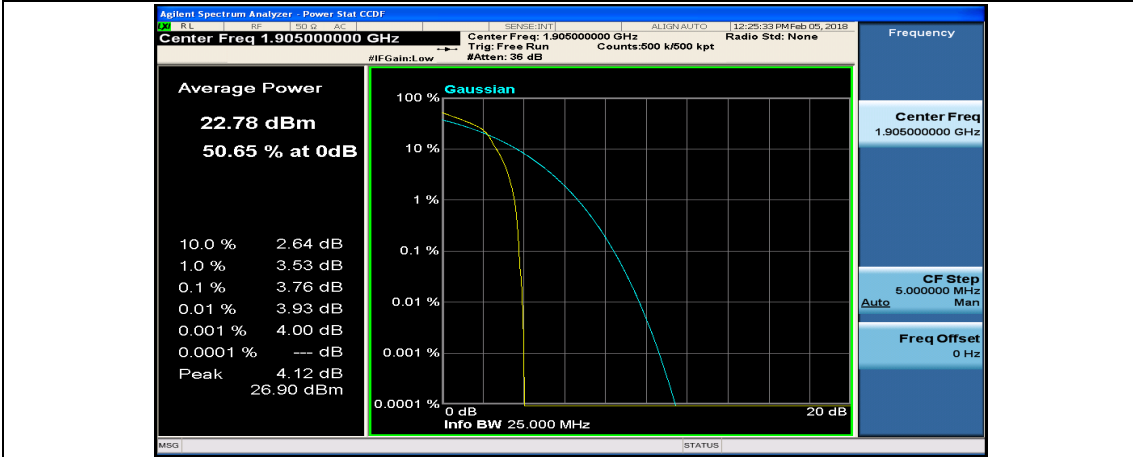
Channel Bandwidth: 10 MHz\_MCH\_16QAM\_50RB#0



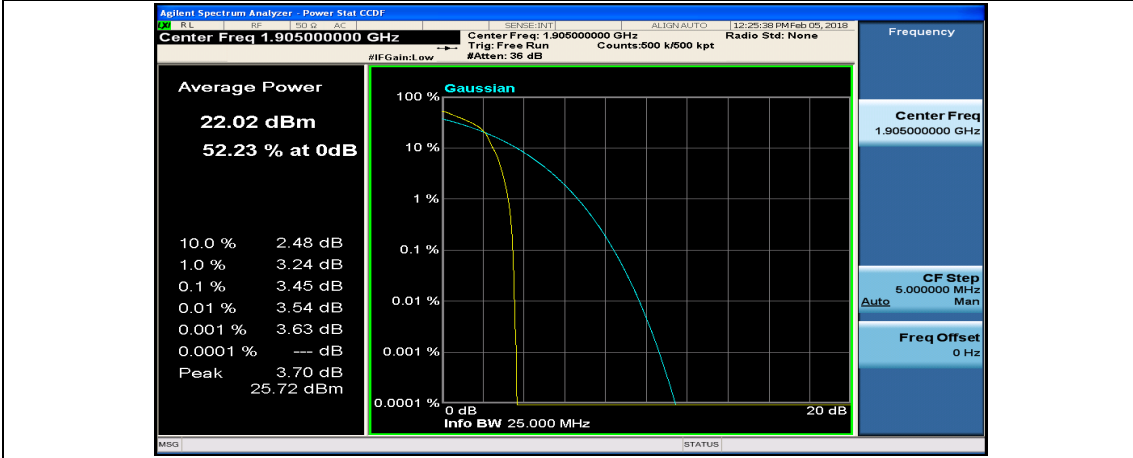
Channel Bandwidth: 10 MHz\_HCH\_16QAM\_1RB#0



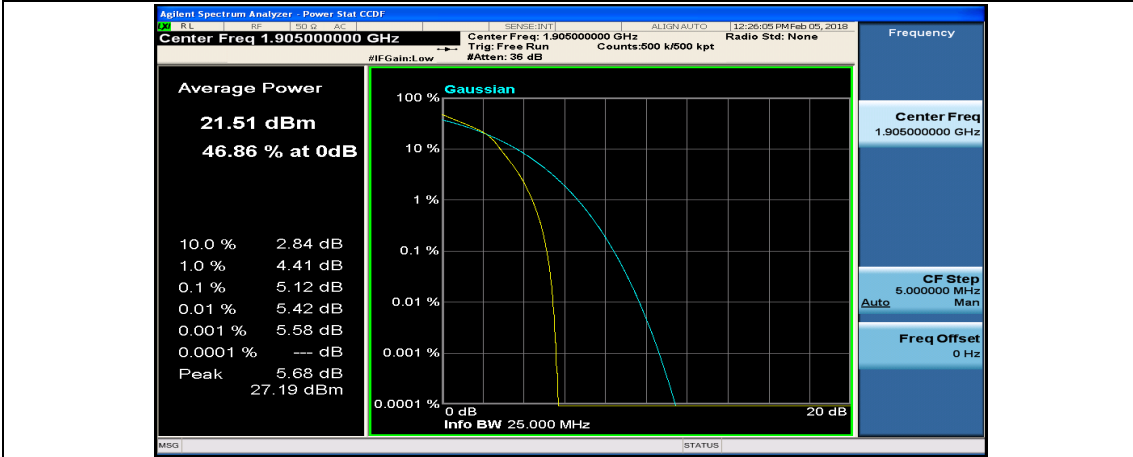
Channel Bandwidth: 10 MHz\_HCH\_16QAM\_1RB#24



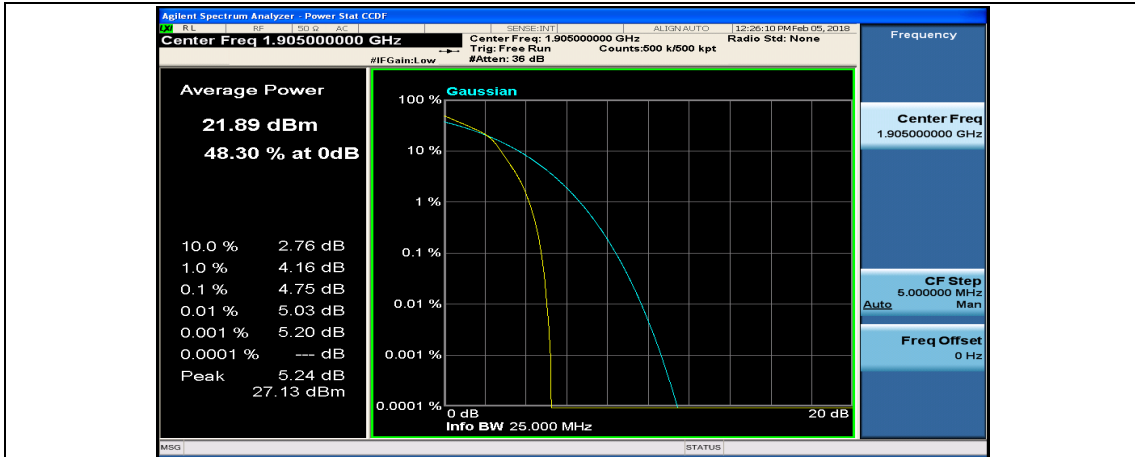
Channel Bandwidth: 10 MHz\_HCH\_16QAM\_1RB#49



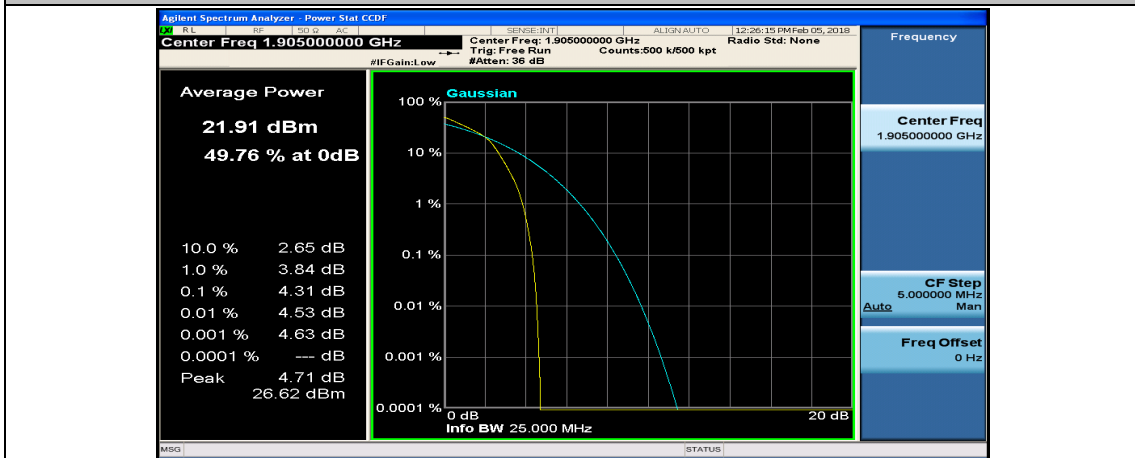
Channel Bandwidth: 10 MHz\_HCH\_16QAM\_25RB#0



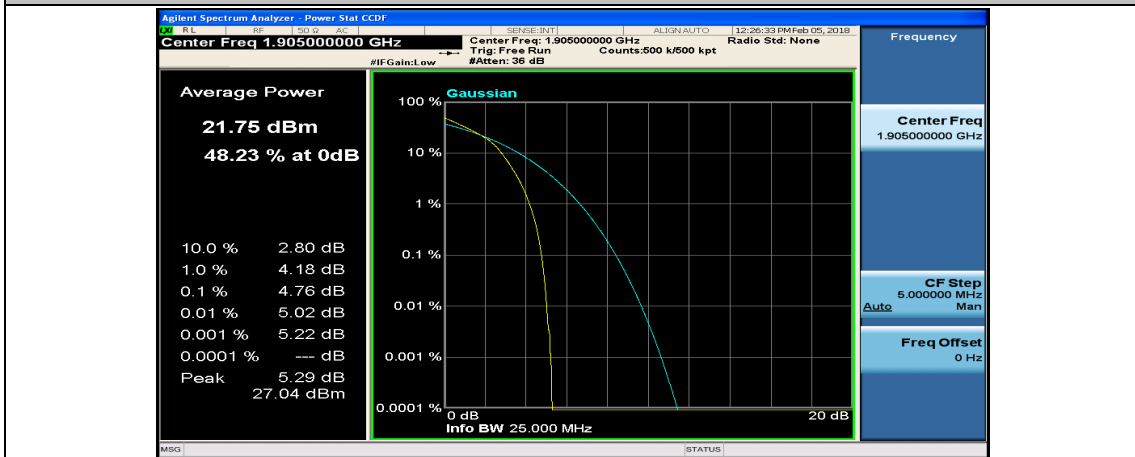
Channel Bandwidth: 10 MHz\_HCH\_16QAM\_25RB#12



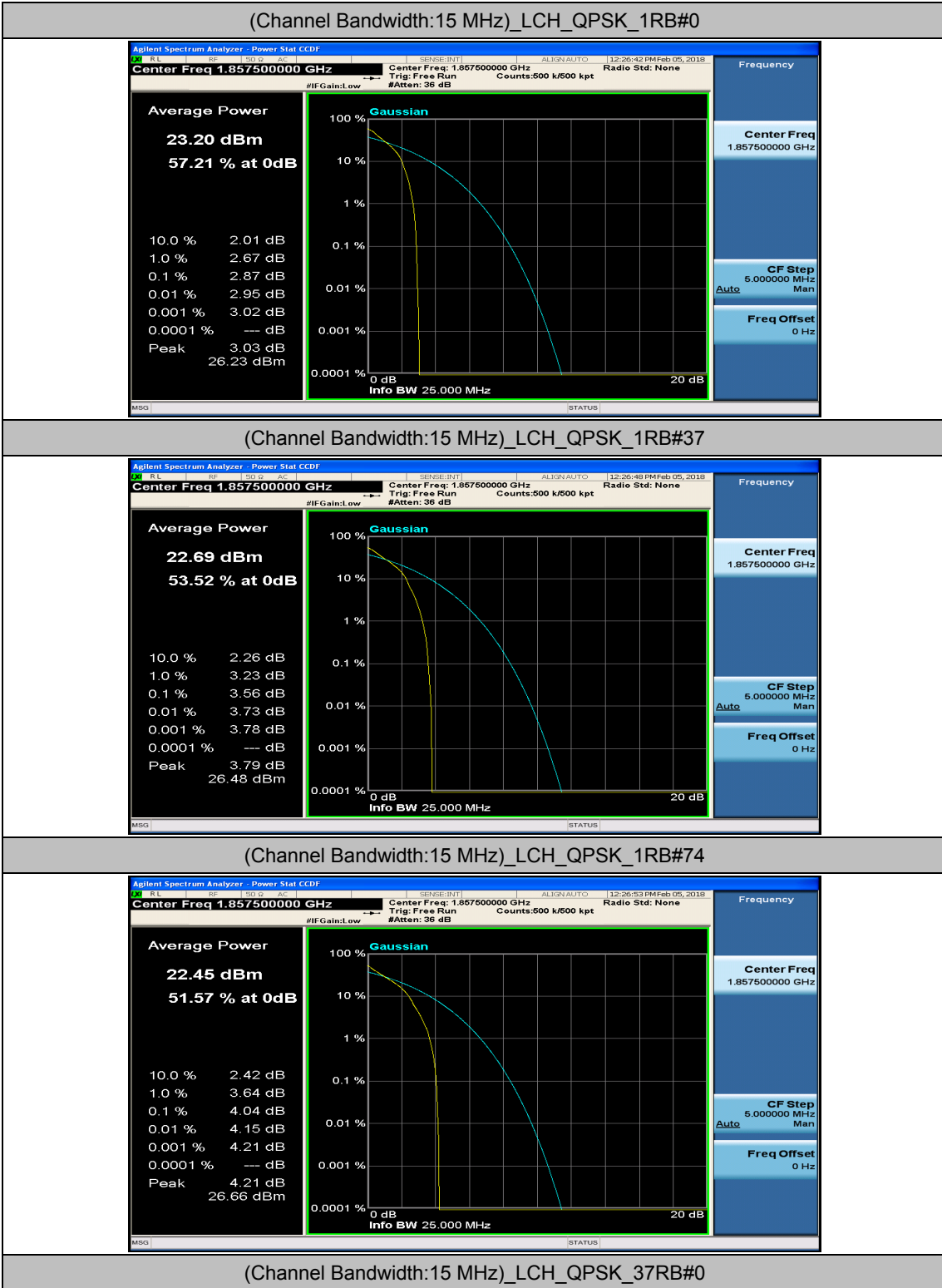
Channel Bandwidth: 10 MHz\_HCH\_16QAM\_25RB#25

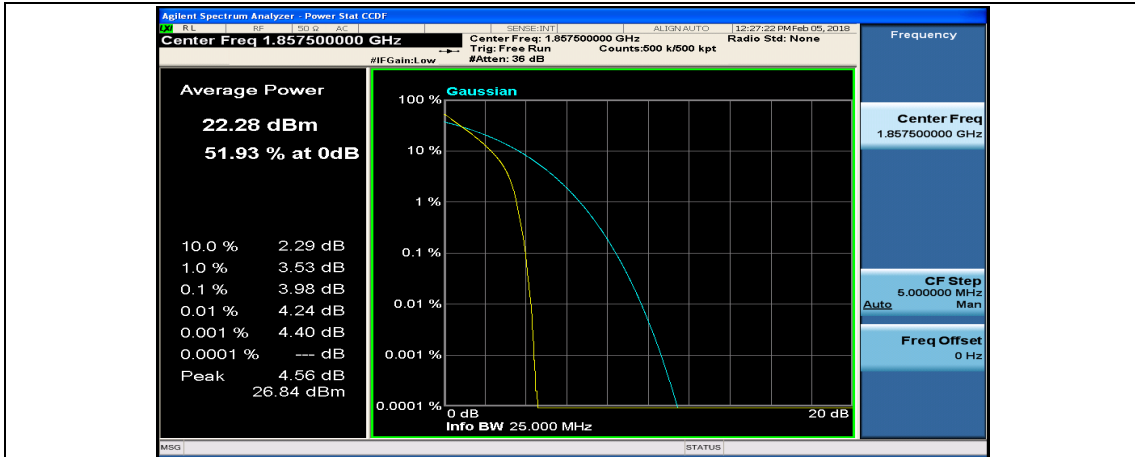


Channel Bandwidth: 10 MHz\_HCH\_16QAM\_50RB#0

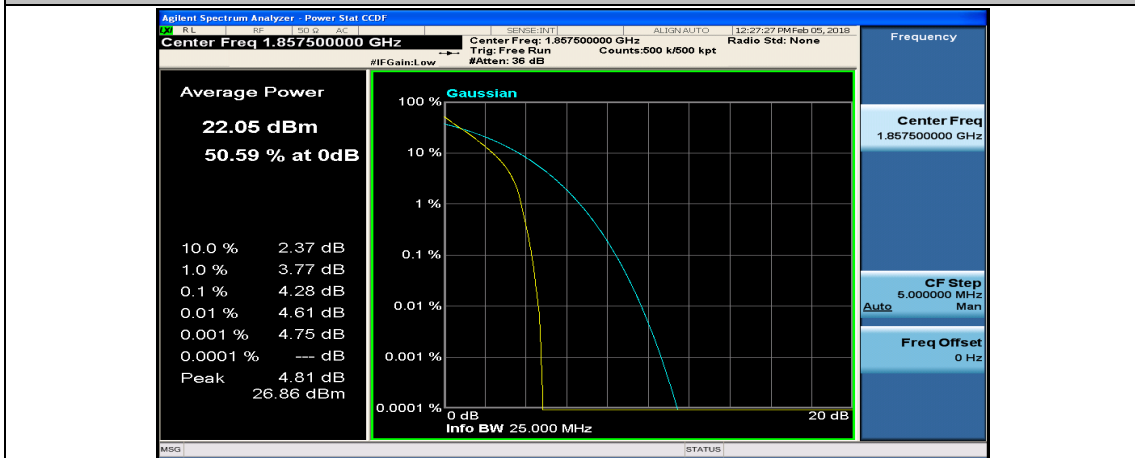


**Channel Bandwidth: 15 MHz**

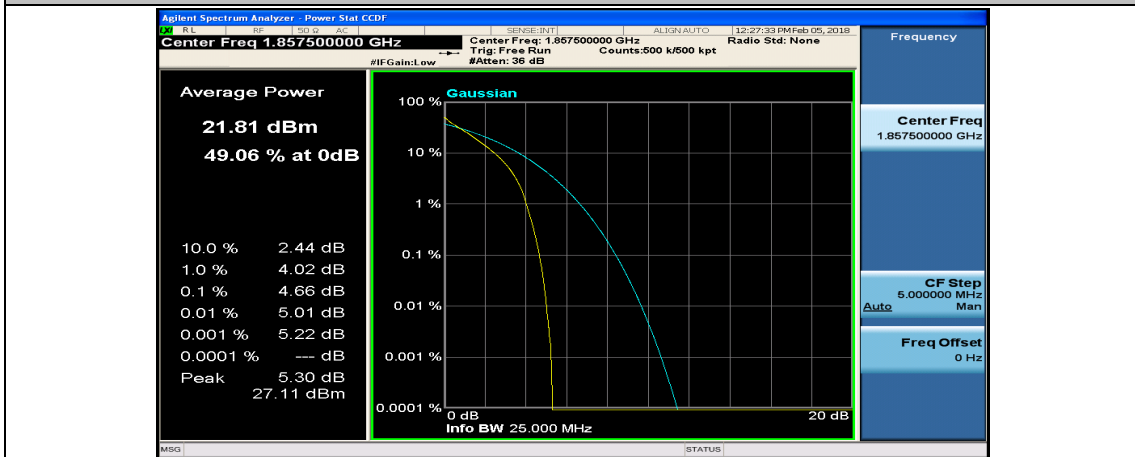




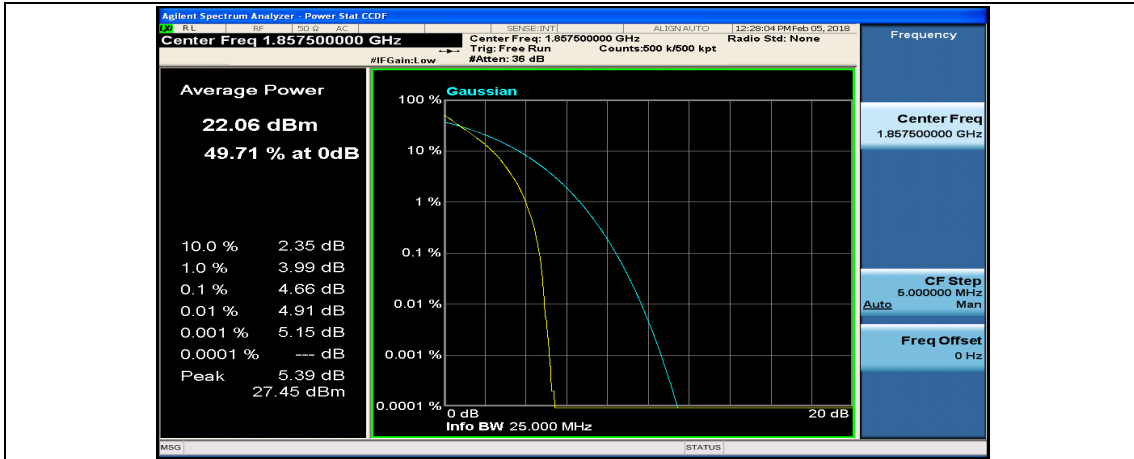
(Channel Bandwidth:15 MHz)\_LCH\_QPSK\_37RB#18



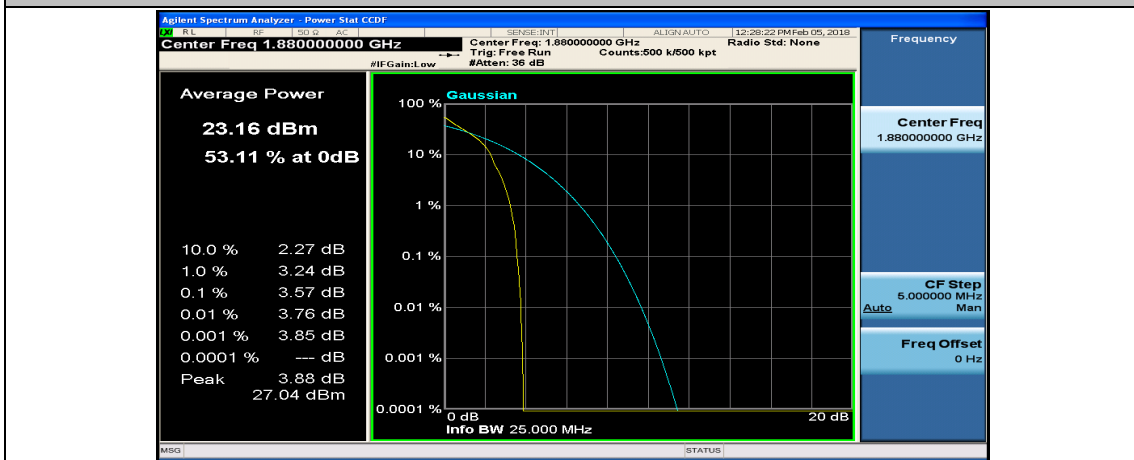
(Channel Bandwidth:15 MHz)\_LCH\_QPSK\_37RB#38



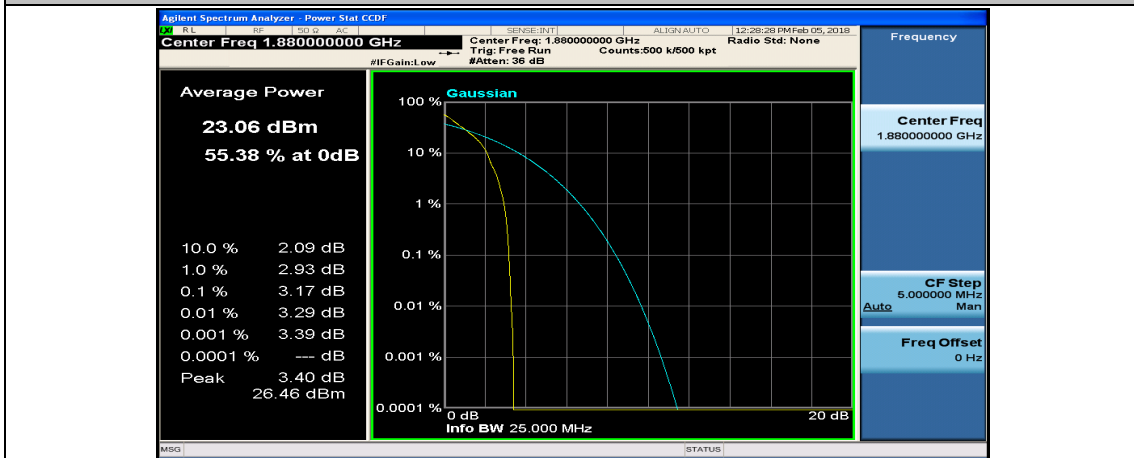
(Channel Bandwidth:15 MHz)\_LCH\_QPSK\_75RB#0



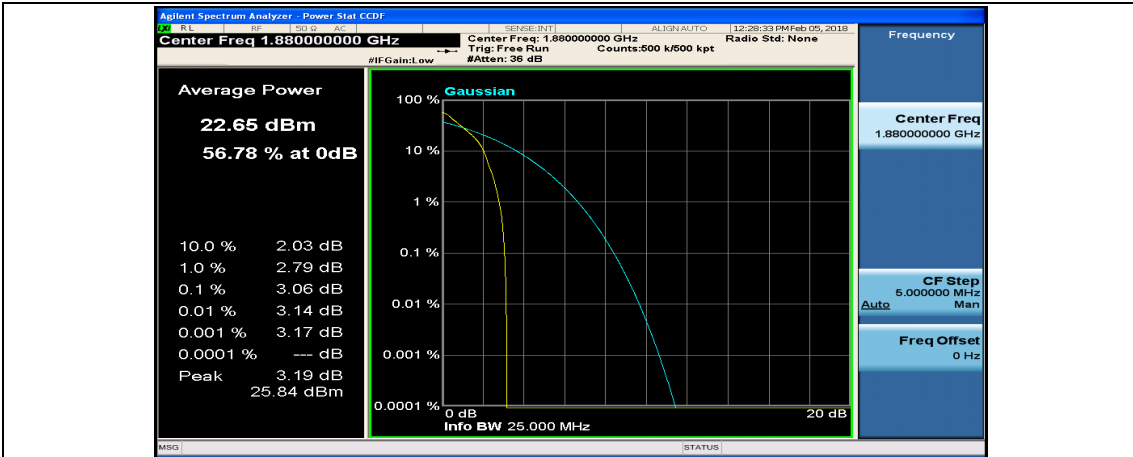
(Channel Bandwidth:15 MHz)\_MCH\_QPSK\_1RB#0



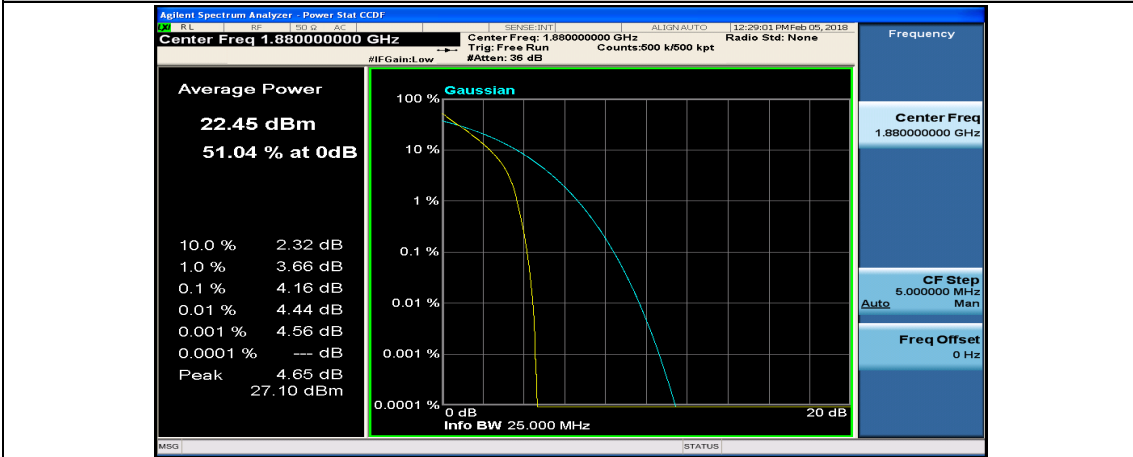
(Channel Bandwidth:15 MHz)\_MCH\_QPSK\_1RB#37



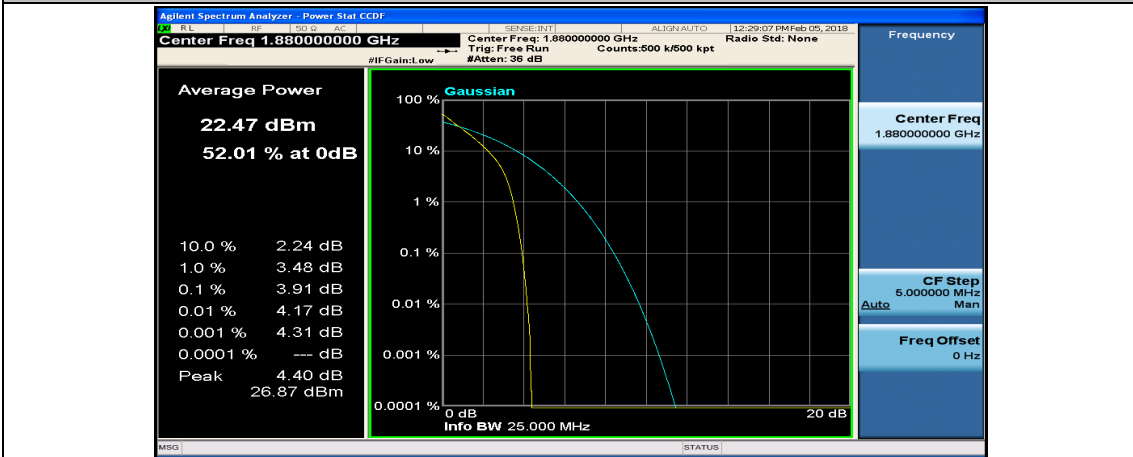
(Channel Bandwidth:15 MHz)\_MCH\_QPSK\_1RB#74



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

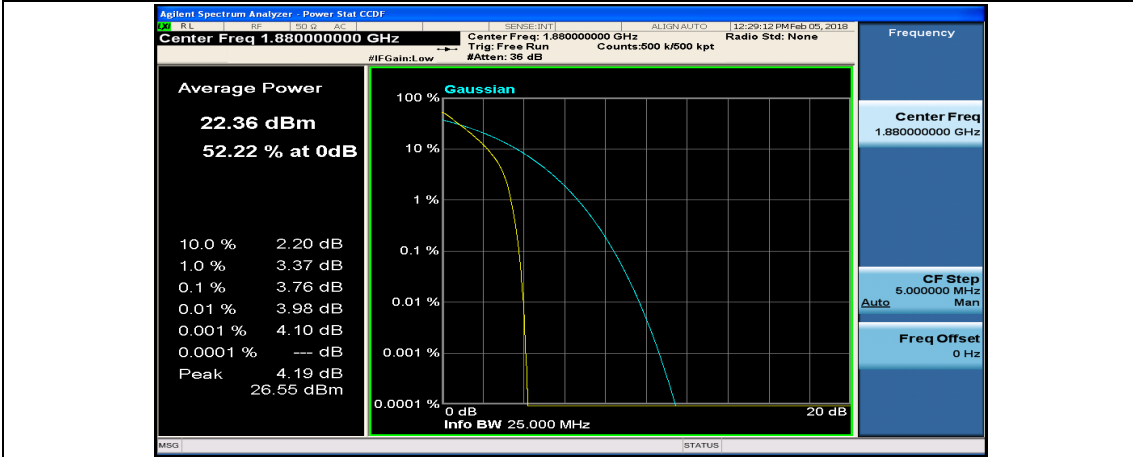


(Channel Bandwidth:15 MHz)\_MCH\_QPSK\_37RB#18

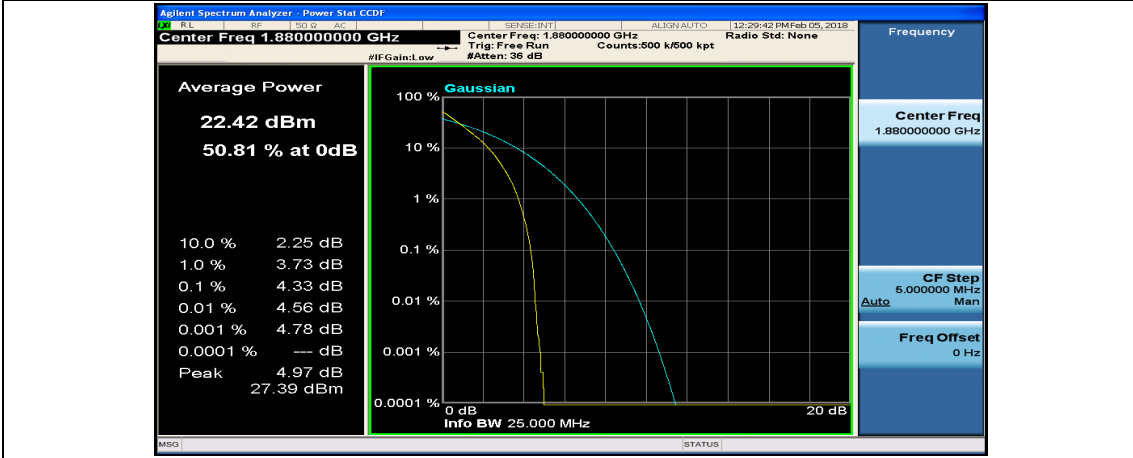


(Channel Bandwidth:15 MHz)\_MCH\_QPSK\_37RB#38

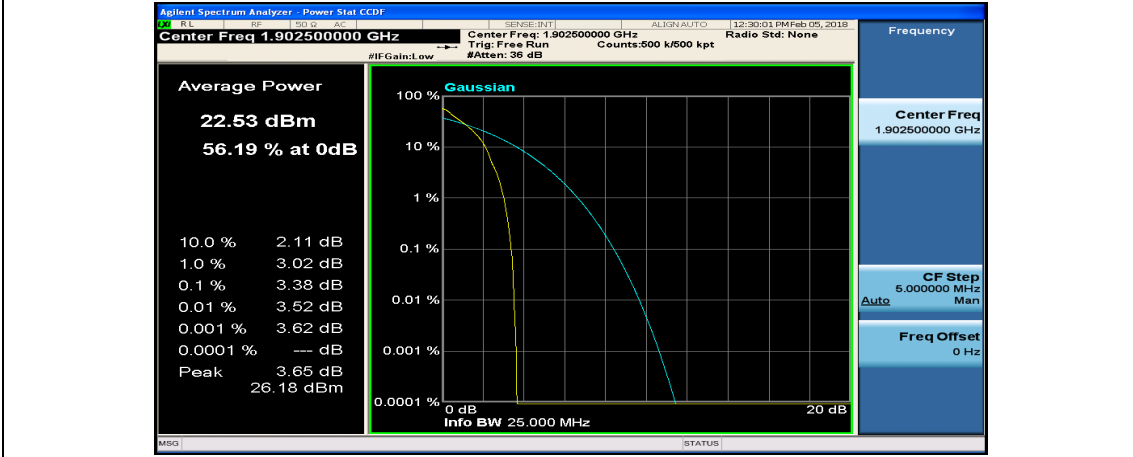




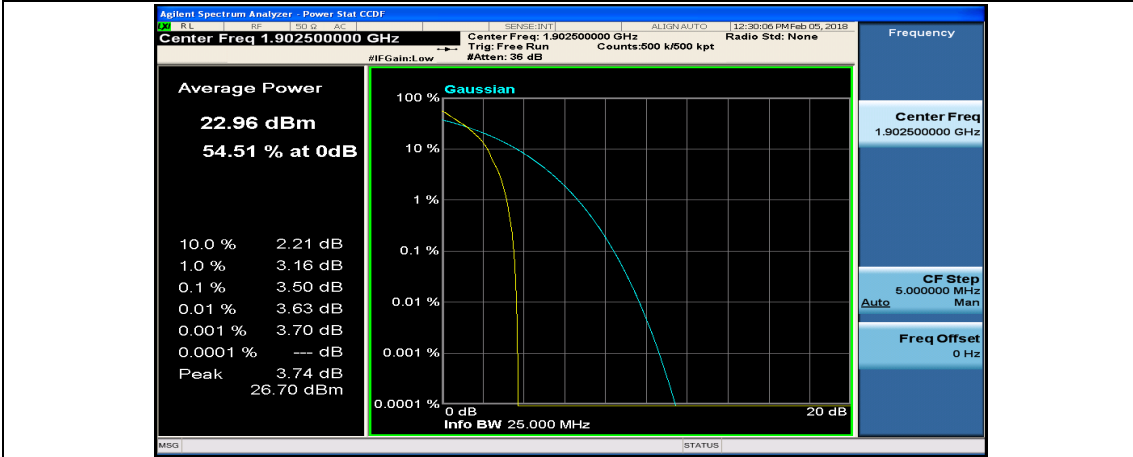
(Channel Bandwidth:15 MHz)\_MCH\_QPSK\_75RB#0



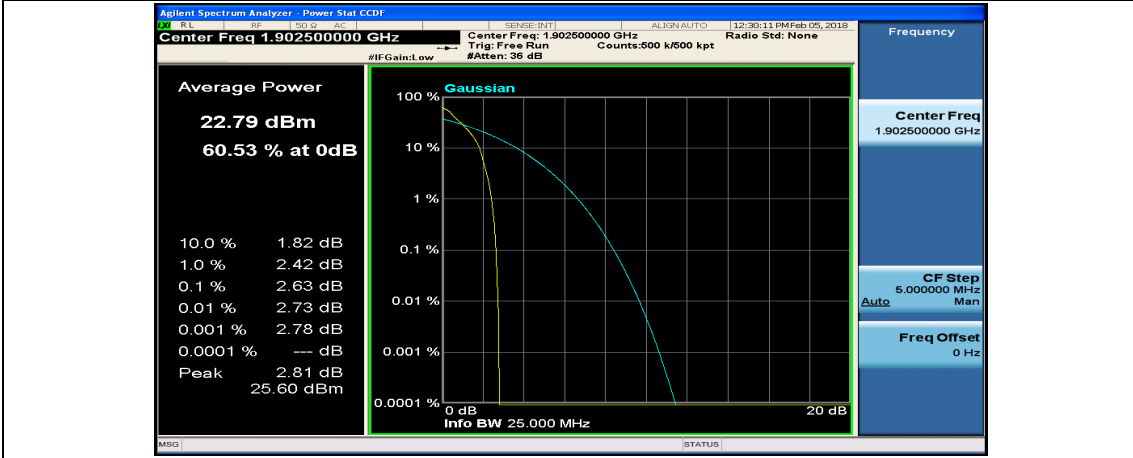
(Channel Bandwidth:15 MHz)\_HCH\_QPSK\_1RB#0



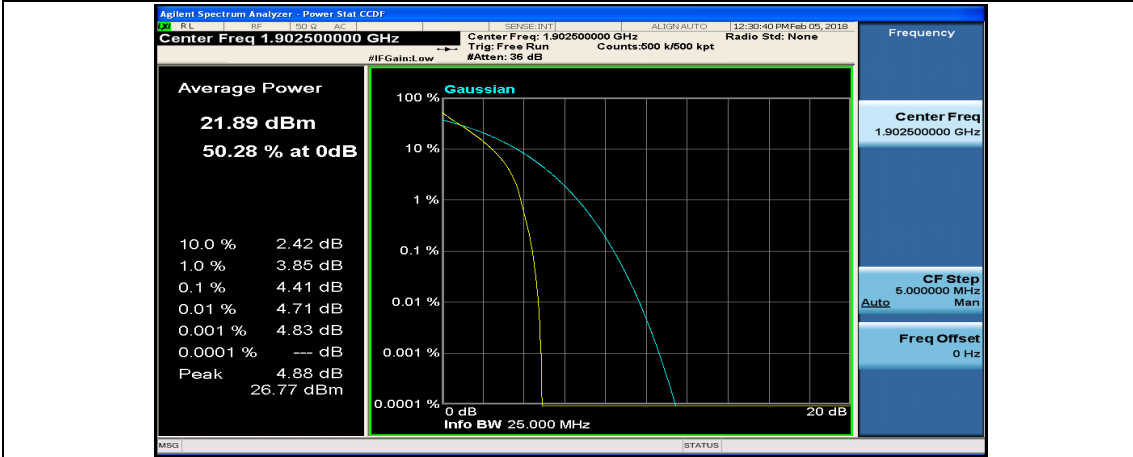
(Channel Bandwidth:15 MHz)\_HCH\_QPSK\_1RB#37



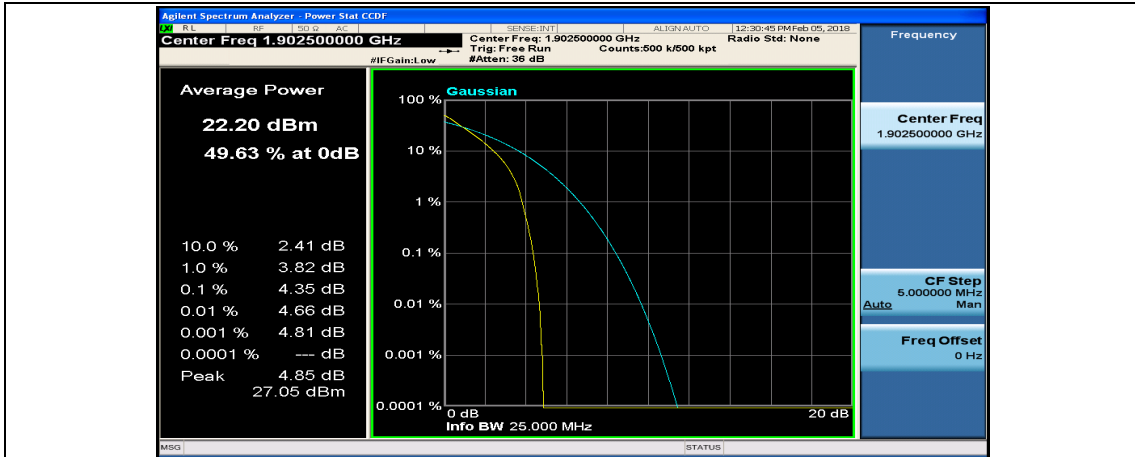
(Channel Bandwidth:15 MHz)\_HCH\_QPSK\_1RB#74



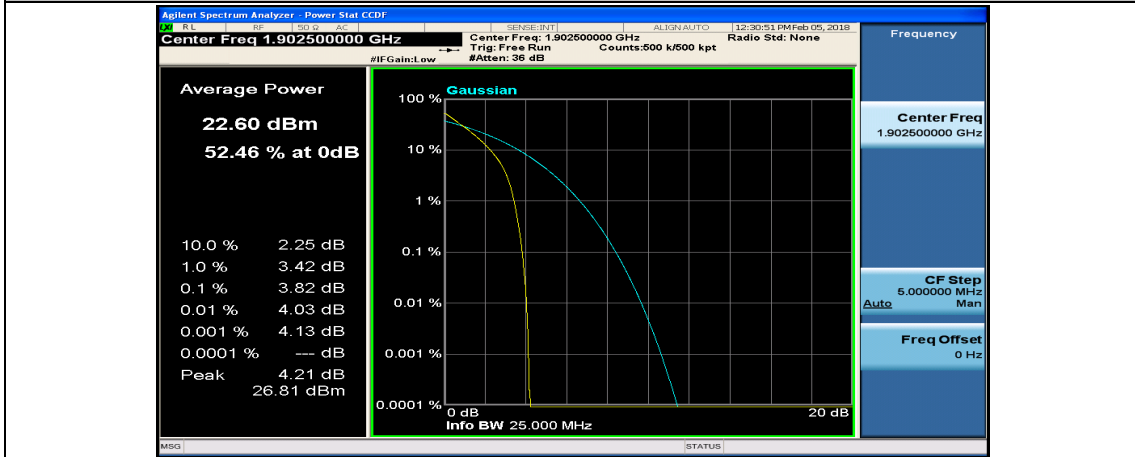
(Channel Bandwidth:15 MHz)\_HCH\_QPSK\_37RB#0



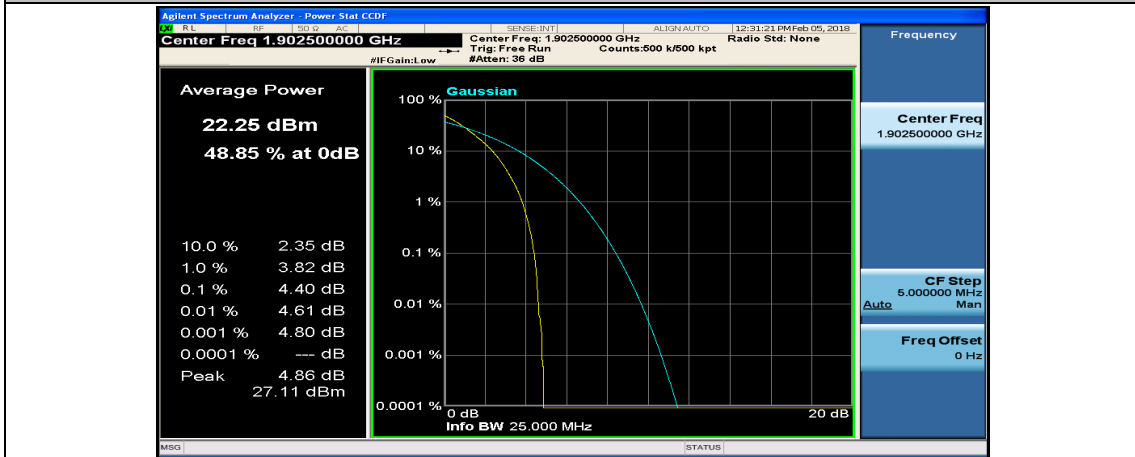
(Channel Bandwidth:15 MHz)\_HCH\_QPSK\_37RB#18



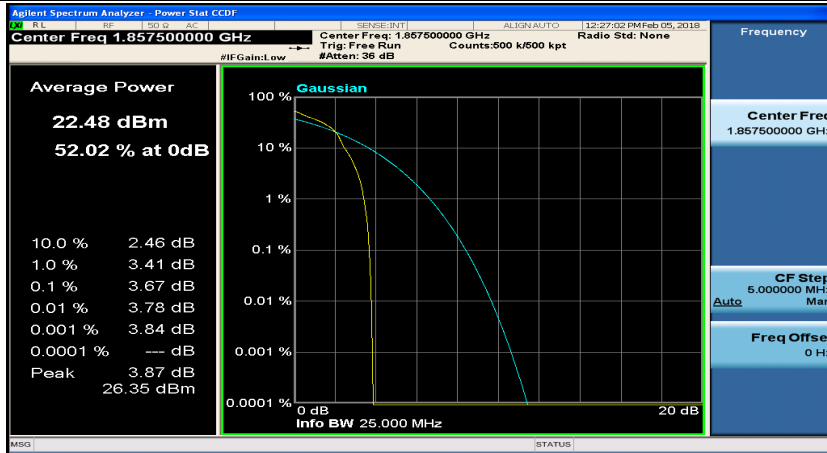
(Channel Bandwidth:15 MHz)\_HCH\_QPSK\_37RB#38



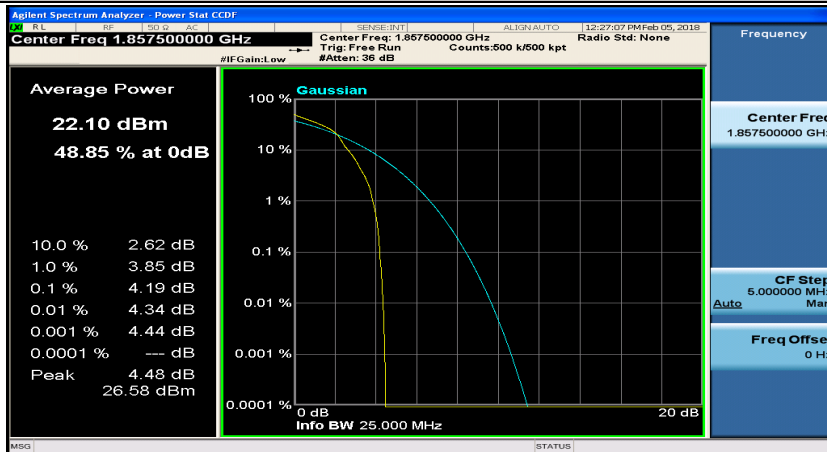
(Channel Bandwidth:15 MHz)\_HCH\_QPSK\_75RB#0



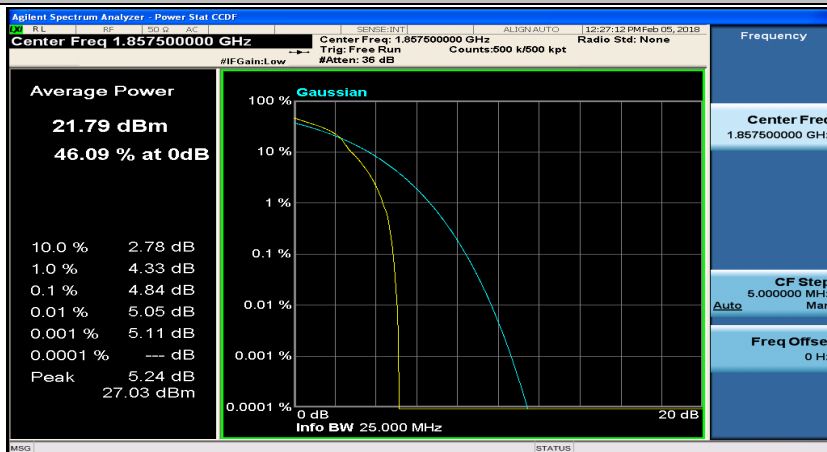
(Channel Bandwidth:15 MHz)\_LCH\_16QAM\_1RB#0



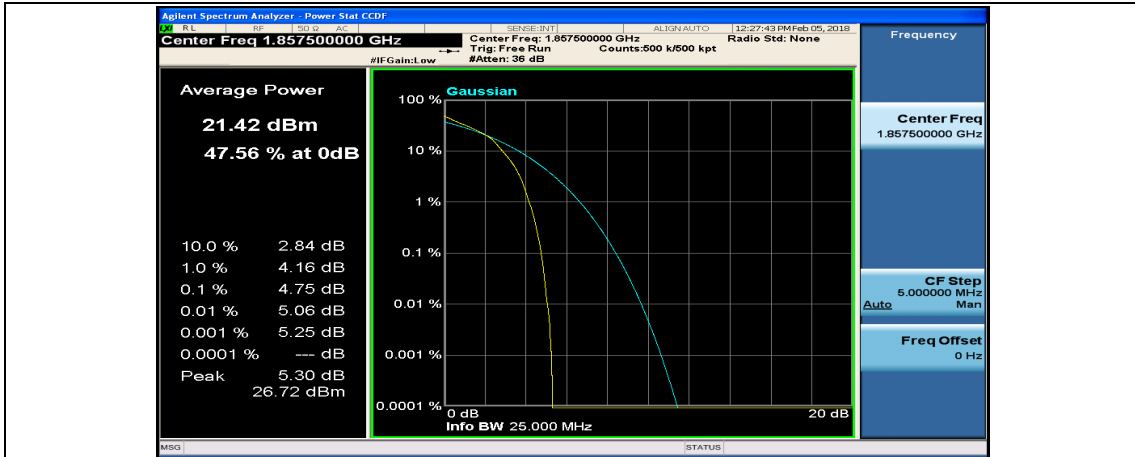
(Channel Bandwidth:15 MHz)\_LCH\_16QAM\_1RB#37



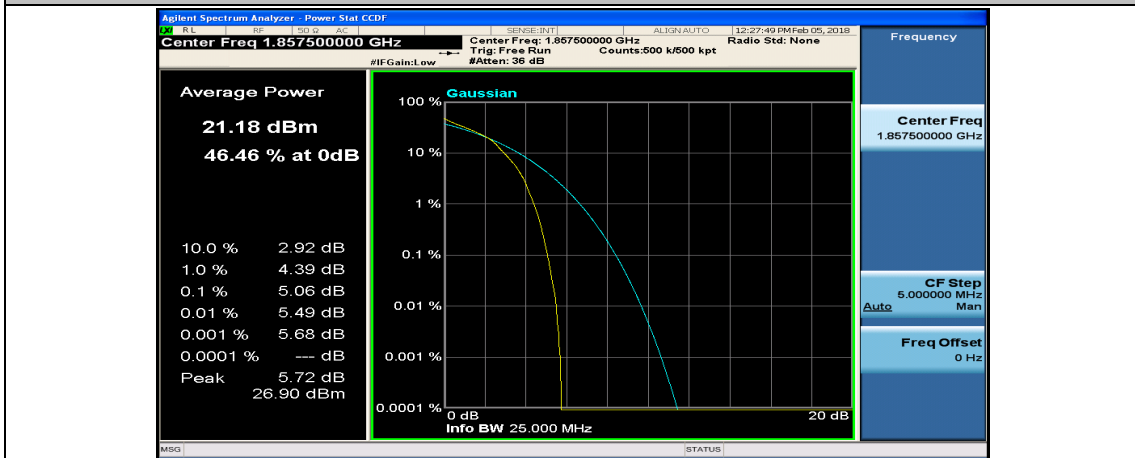
(Channel Bandwidth:15 MHz)\_LCH\_16QAM\_1RB#74



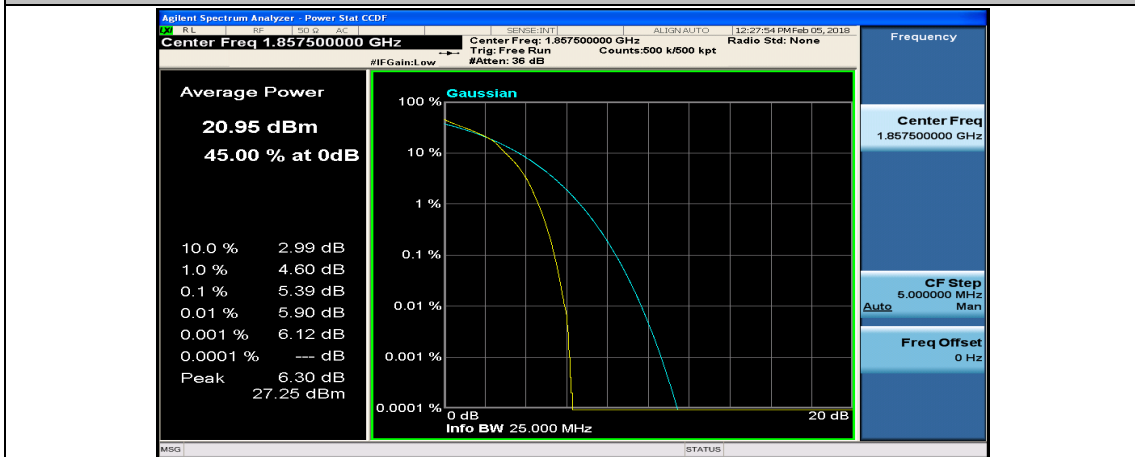
(Channel Bandwidth:15 MHz)\_LCH\_16QAM\_37RB#0



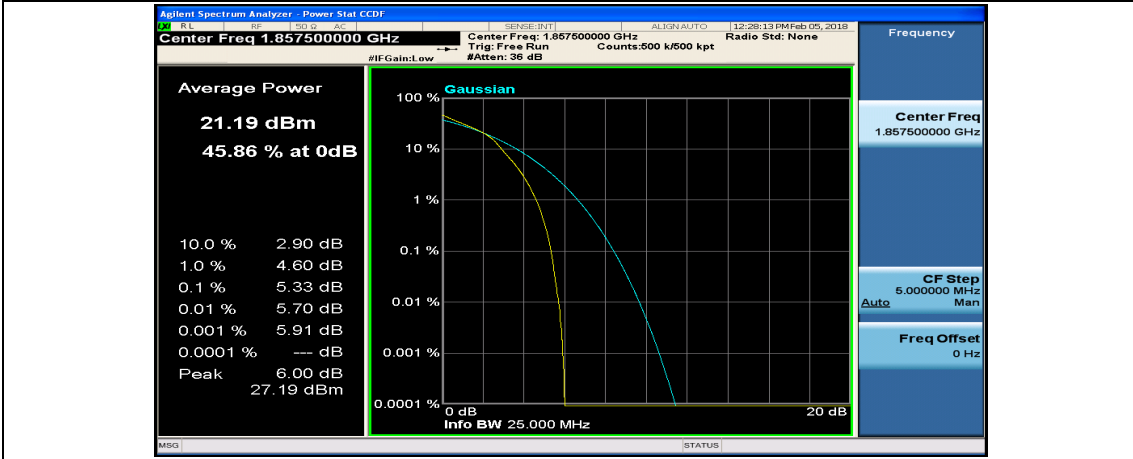
(Channel Bandwidth:15 MHz)\_LCH\_16QAM\_37RB#18



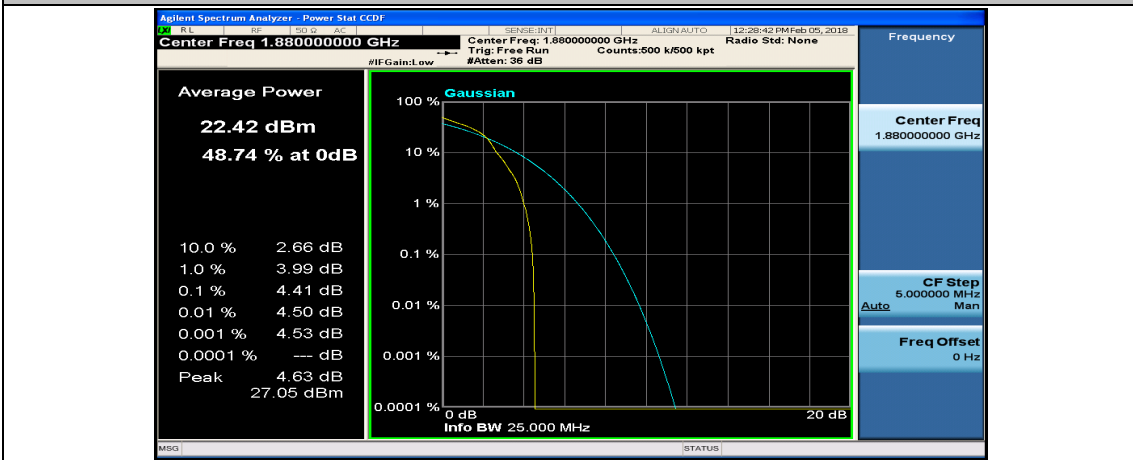
(Channel Bandwidth:15 MHz)\_LCH\_16QAM\_37RB#38



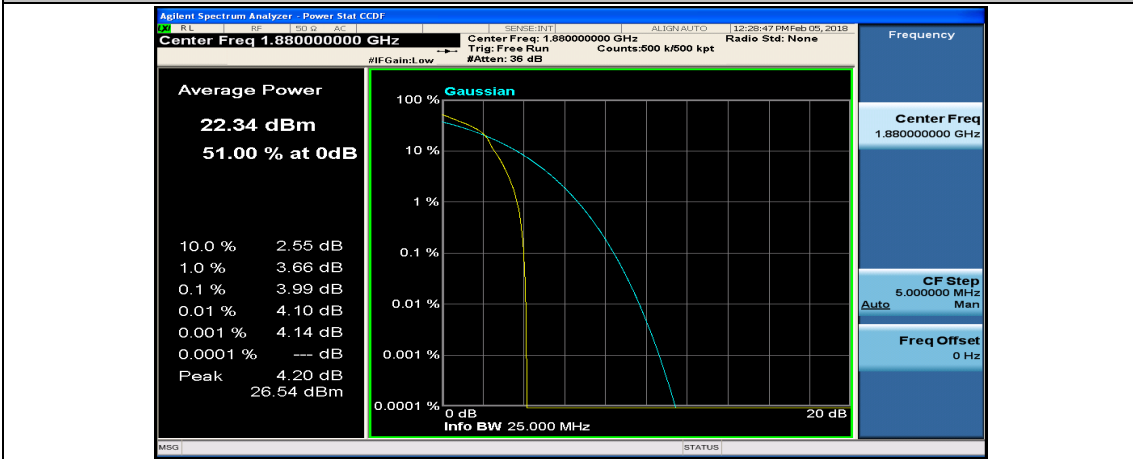
(Channel Bandwidth:15 MHz)\_LCH\_16QAM\_75RB#0



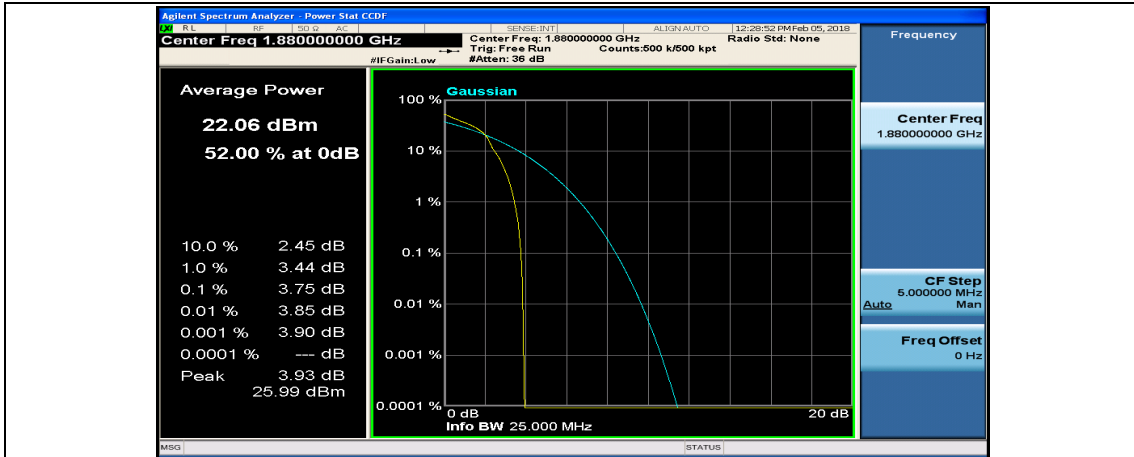
(Channel Bandwidth:15 MHz)\_MCH\_16QAM\_1RB#0



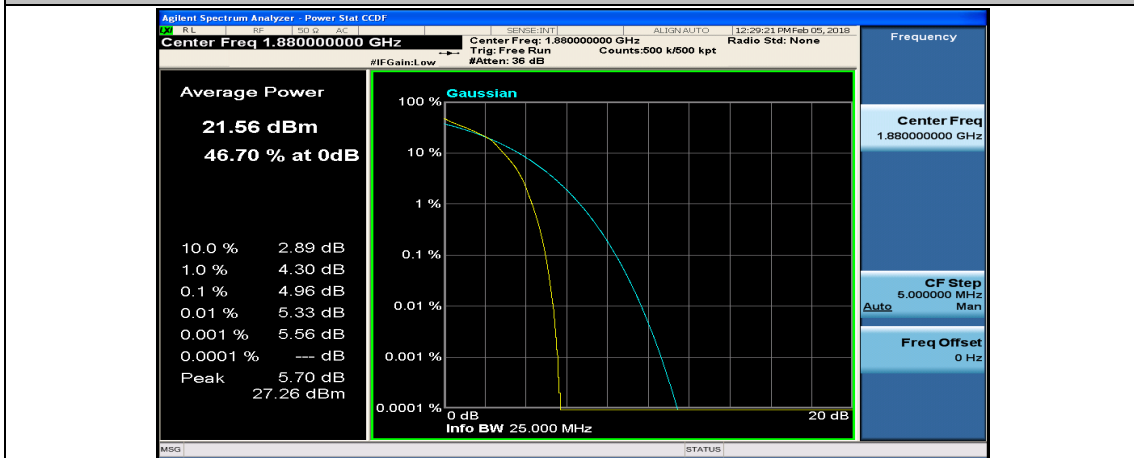
(Channel Bandwidth:15 MHz)\_MCH\_16QAM\_1RB#37



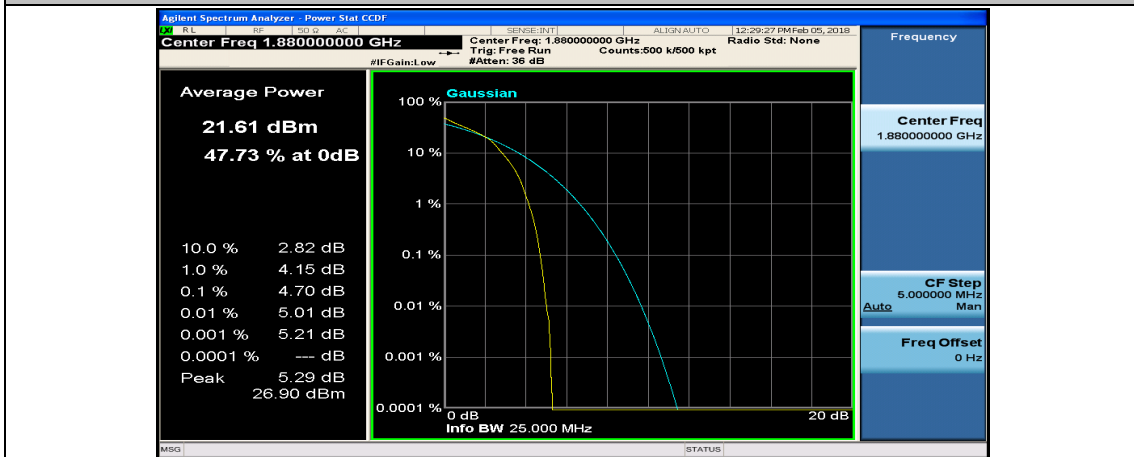
(Channel Bandwidth:15 MHz)\_MCH\_16QAM\_1RB#74



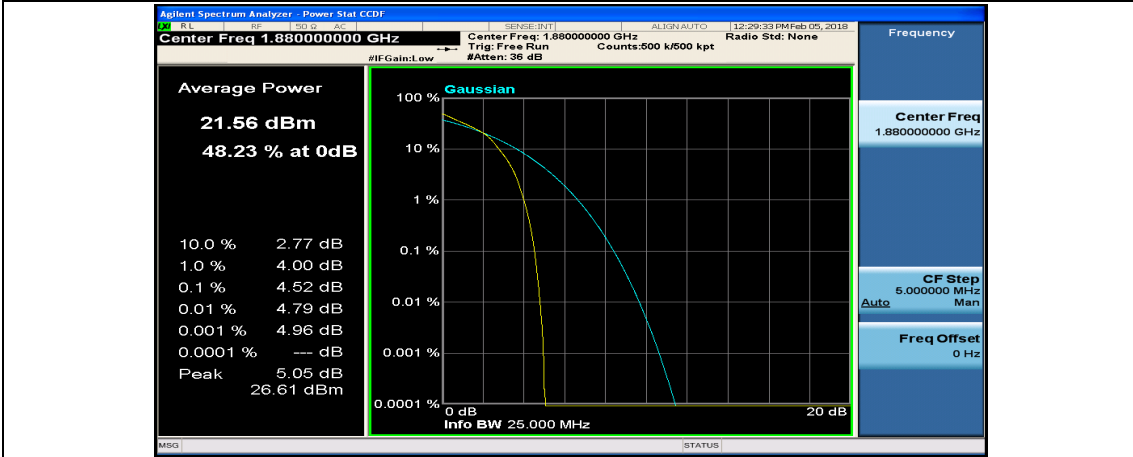
(Channel Bandwidth:15 MHz)\_MCH\_16QAM\_37RB#0



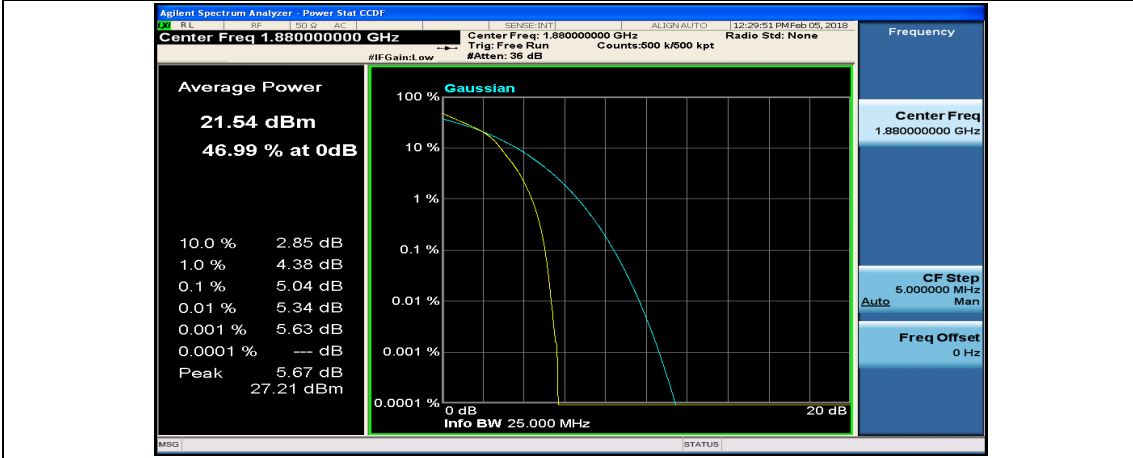
(Channel Bandwidth:15 MHz)\_MCH\_16QAM\_37RB#18



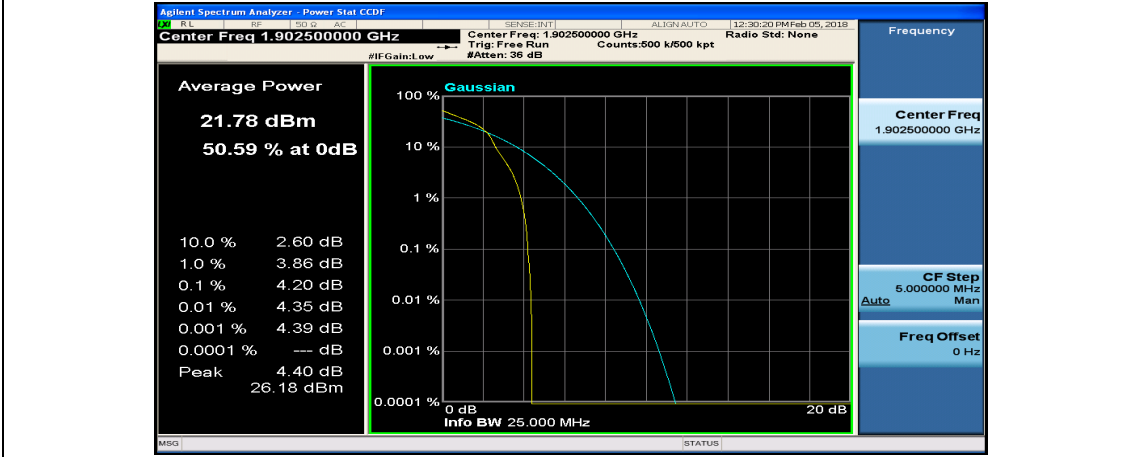
(Channel Bandwidth:15 MHz)\_MCH\_16QAM\_37RB#38



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

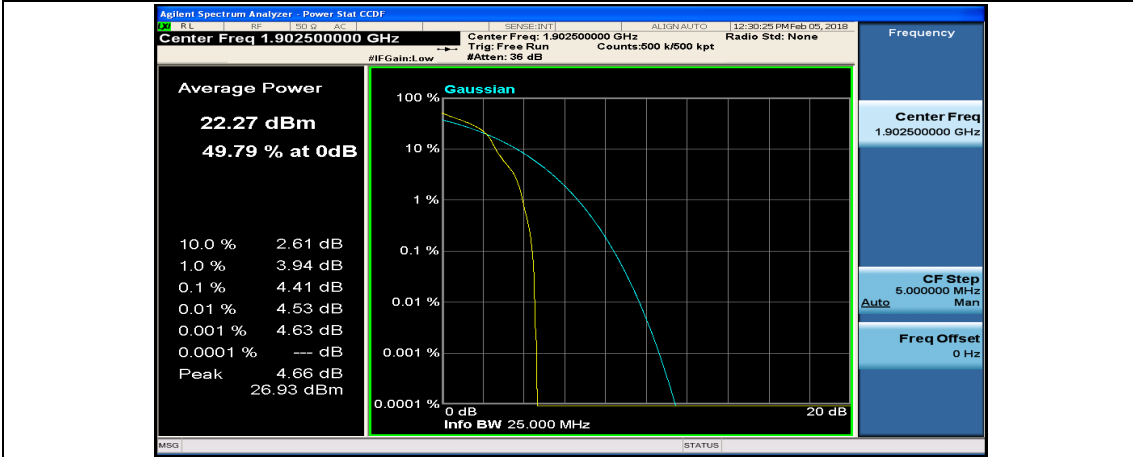


(Channel Bandwidth:15 MHz)\_HCH\_16QAM\_1RB#0

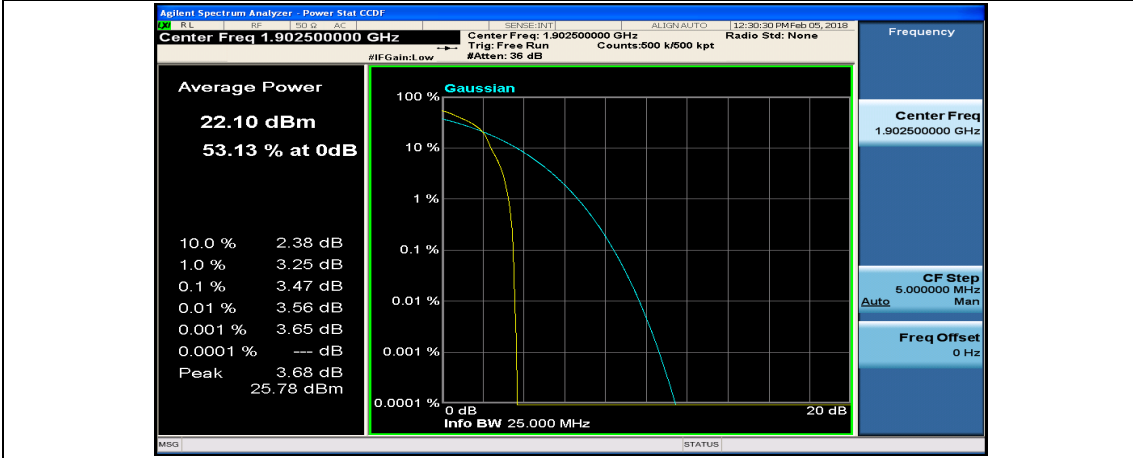


(Channel Bandwidth:15 MHz)\_HCH\_16QAM\_1RB#37

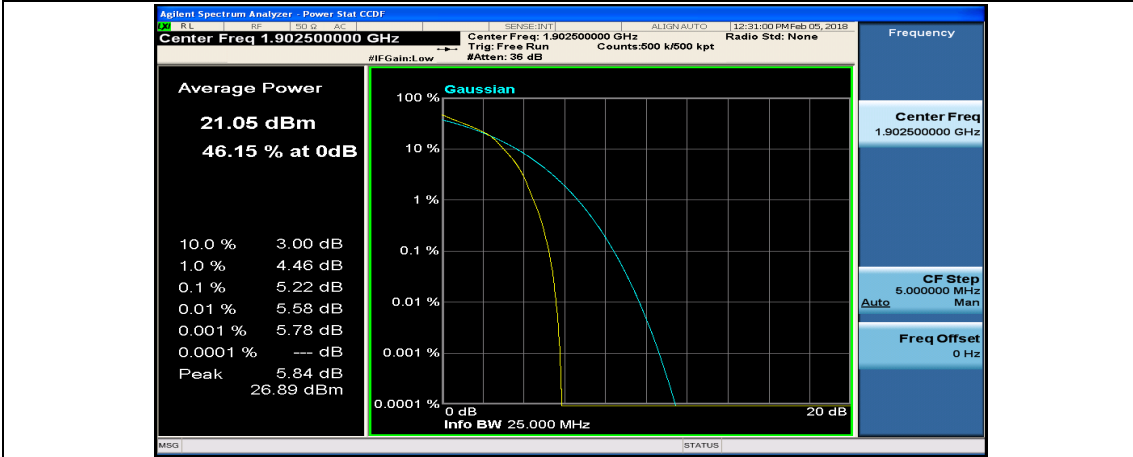




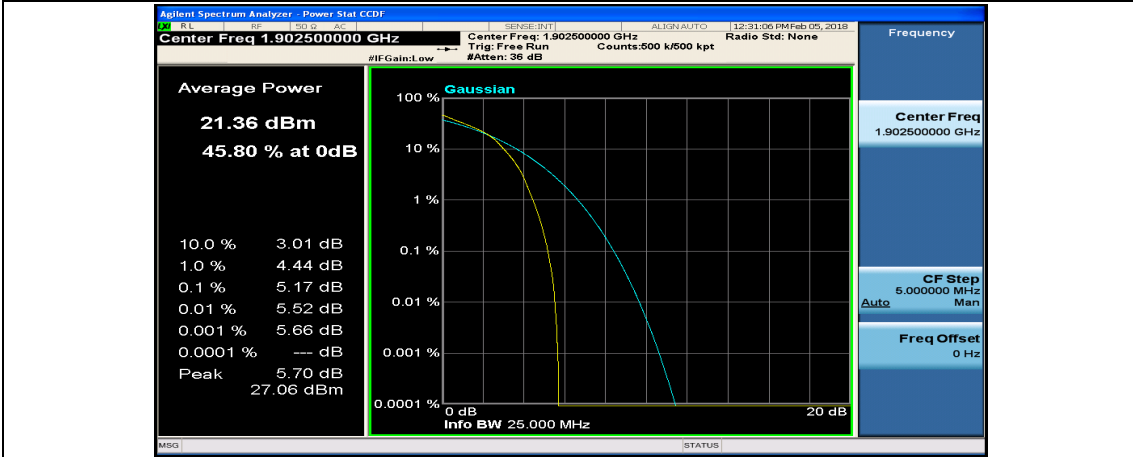
(Channel Bandwidth:15 MHz)\_HCH\_16QAM\_1RB#74



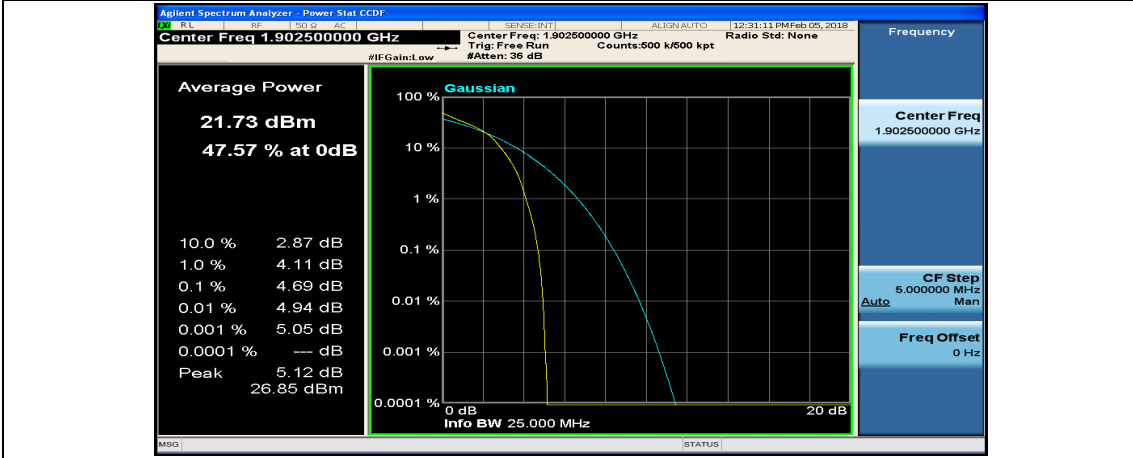
(Channel Bandwidth:15 MHz)\_HCH\_16QAM\_37RB#0



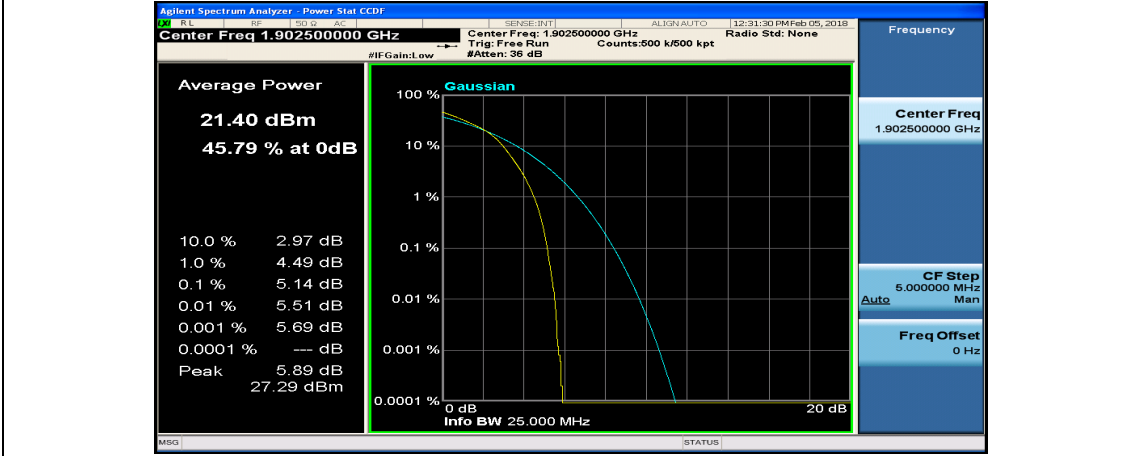
(Channel Bandwidth:15 MHz)\_HCH\_16QAM\_37RB#18



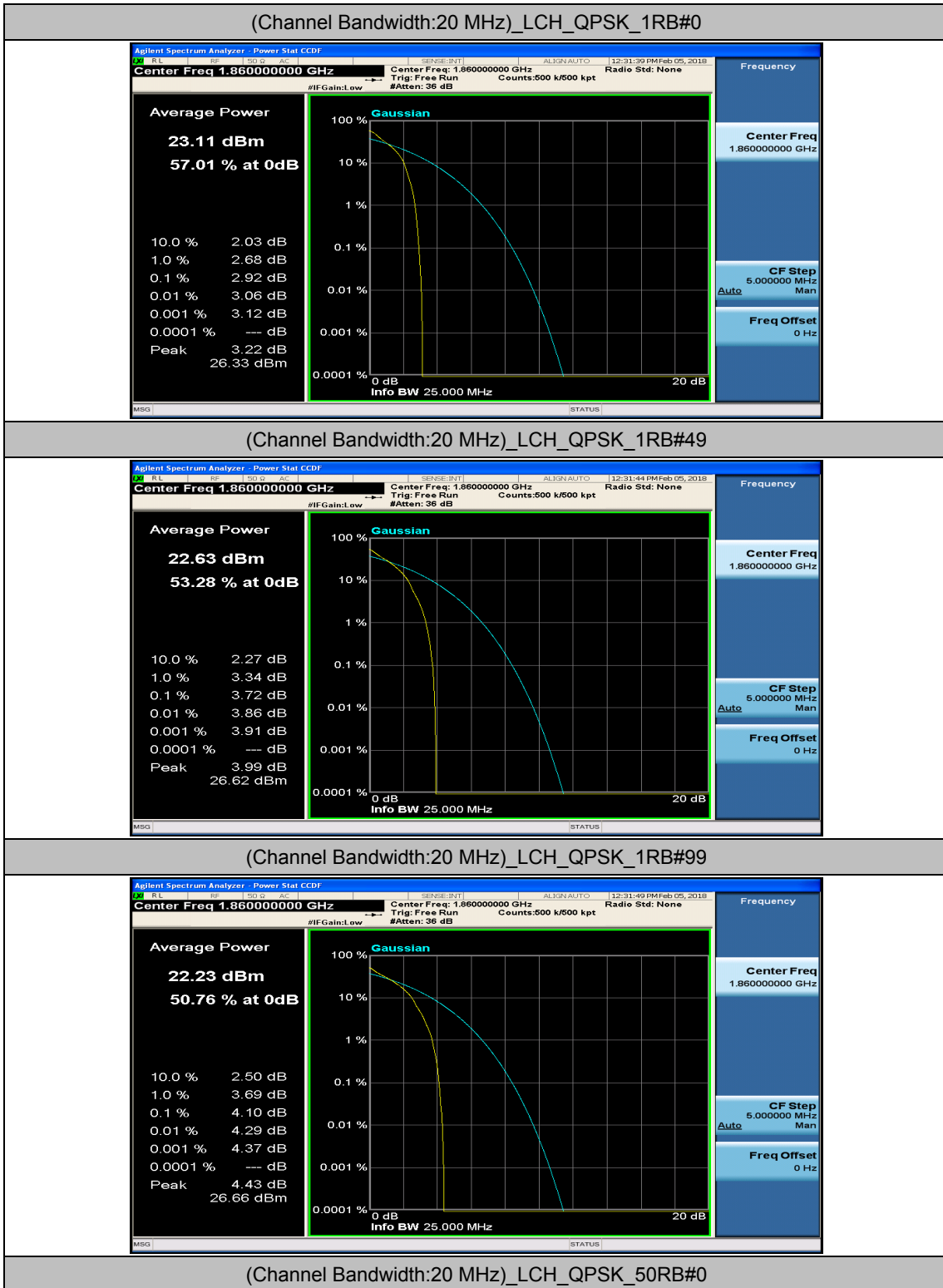
(Channel Bandwidth:15 MHz)\_HCH\_16QAM\_37RB#38

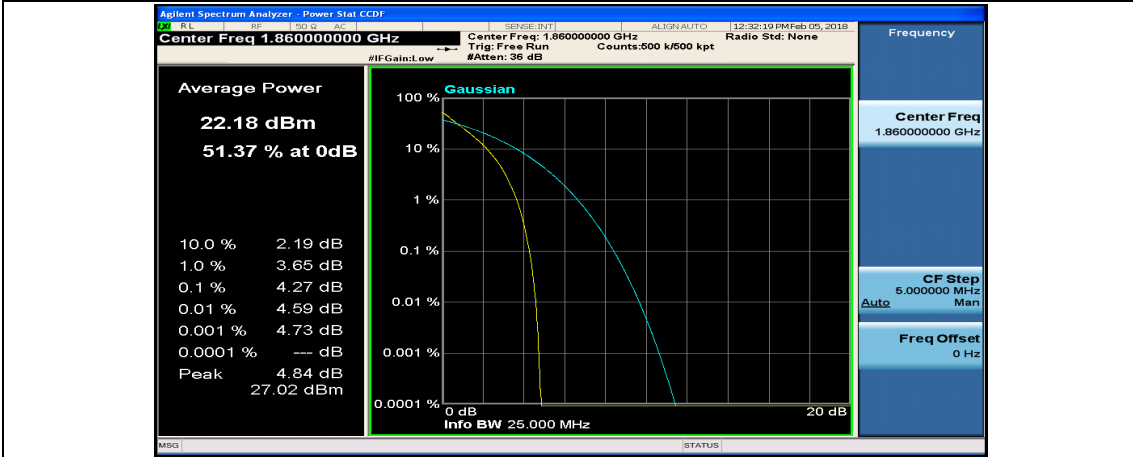


(Channel Bandwidth:15 MHz)\_HCH\_16QAM\_75RB#0

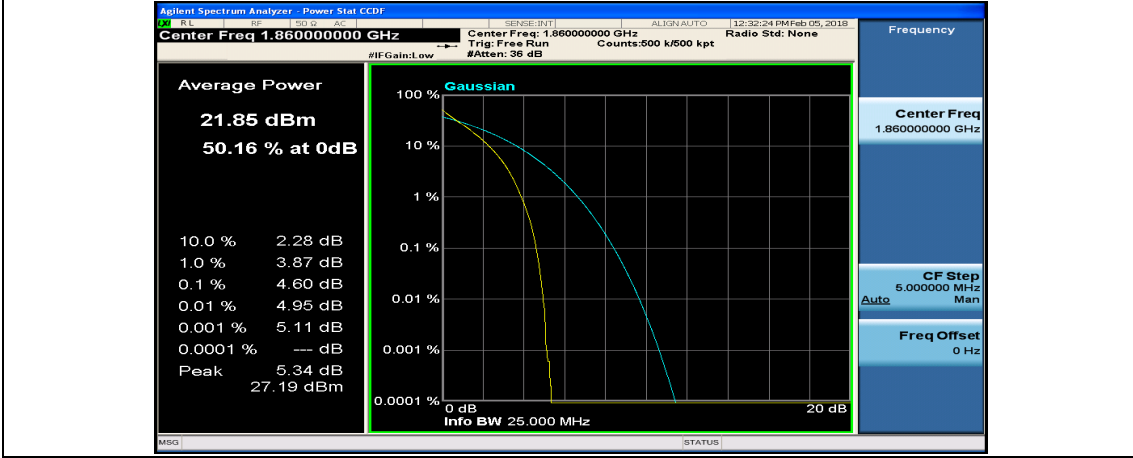


### Channel Bandwidth: 20 MHz

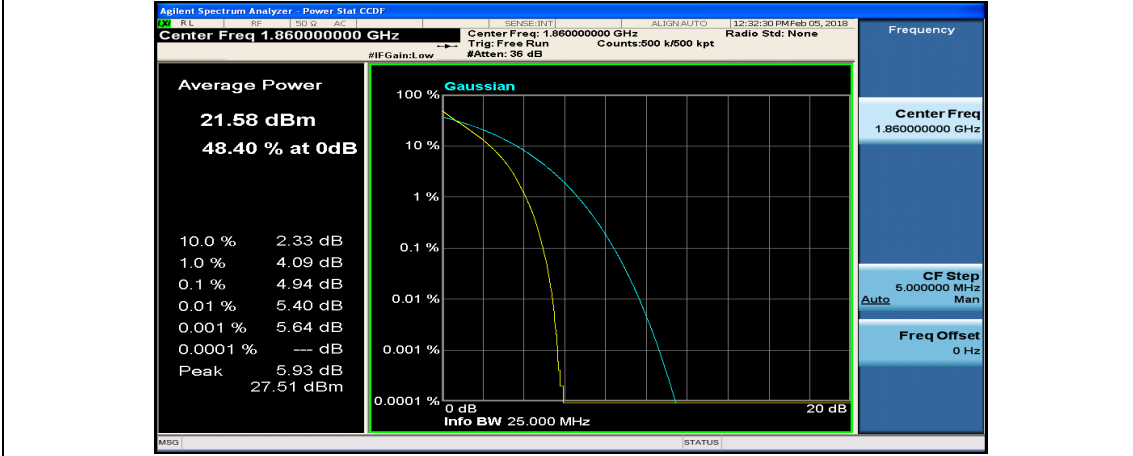




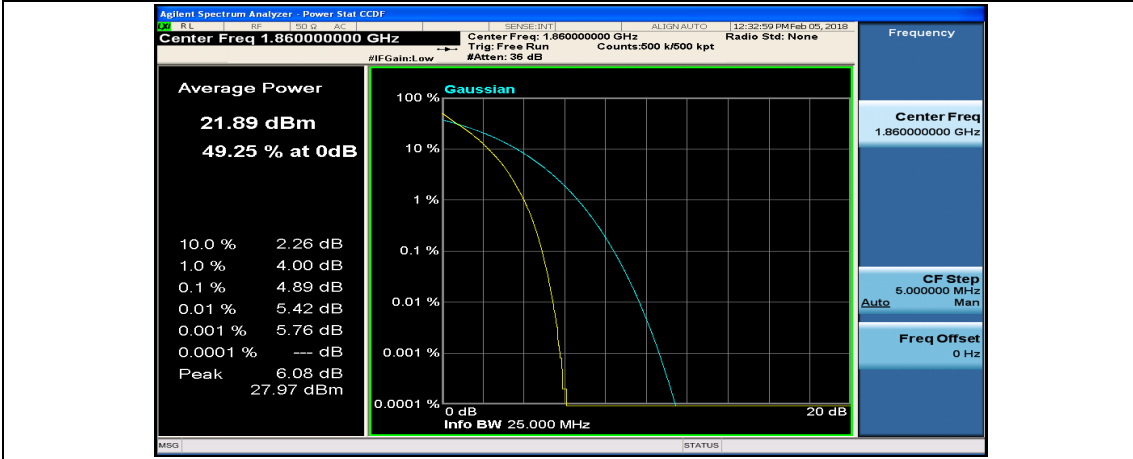
(Channel Bandwidth:20 MHz)\_LCH\_QPSK\_50RB#25



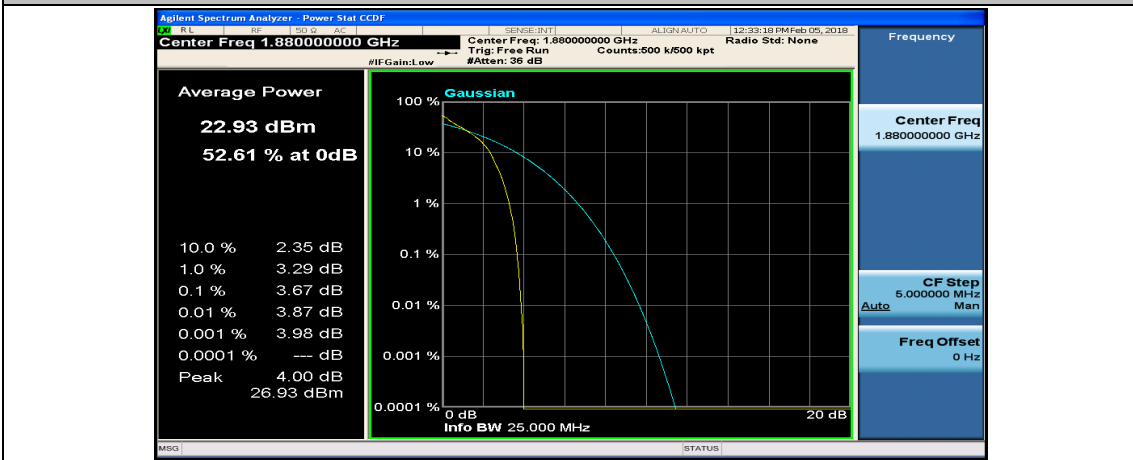
(Channel Bandwidth:20 MHz)\_LCH\_QPSK\_50RB#50



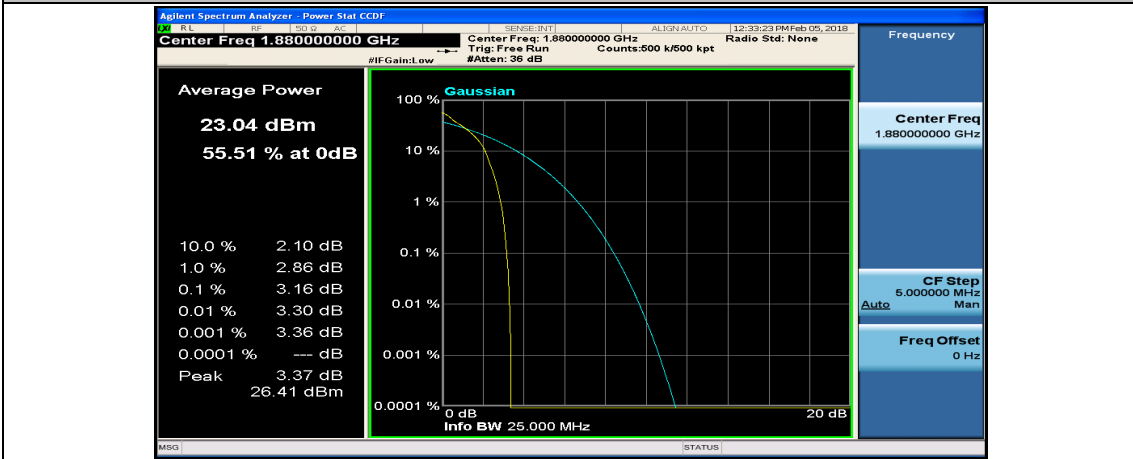
(Channel Bandwidth:20 MHz)\_LCH\_QPSK\_100RB#0



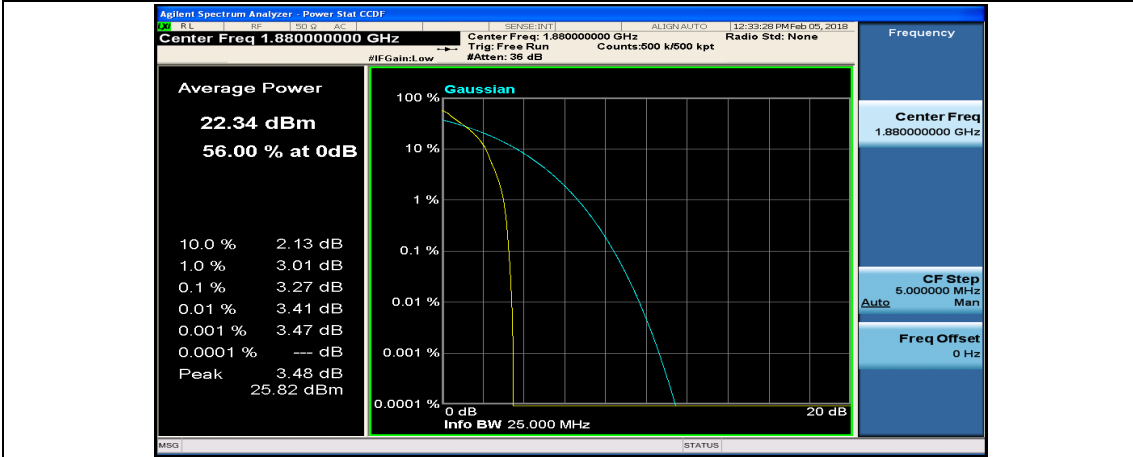
(Channel Bandwidth:20 MHz)\_MCH\_QPSK\_1RB#0



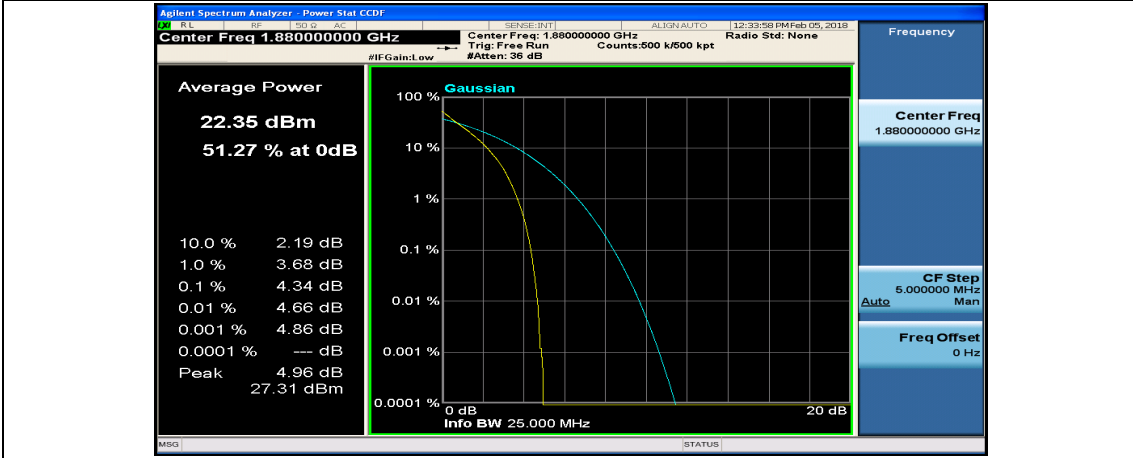
(Channel Bandwidth:20 MHz)\_MCH\_QPSK\_1RB#49



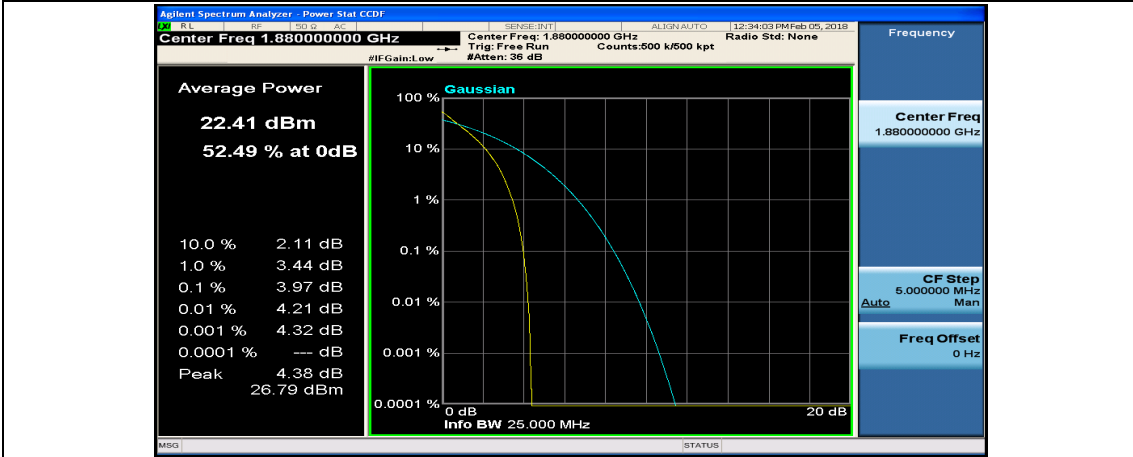
(Channel Bandwidth:20 MHz)\_MCH\_QPSK\_1RB#99



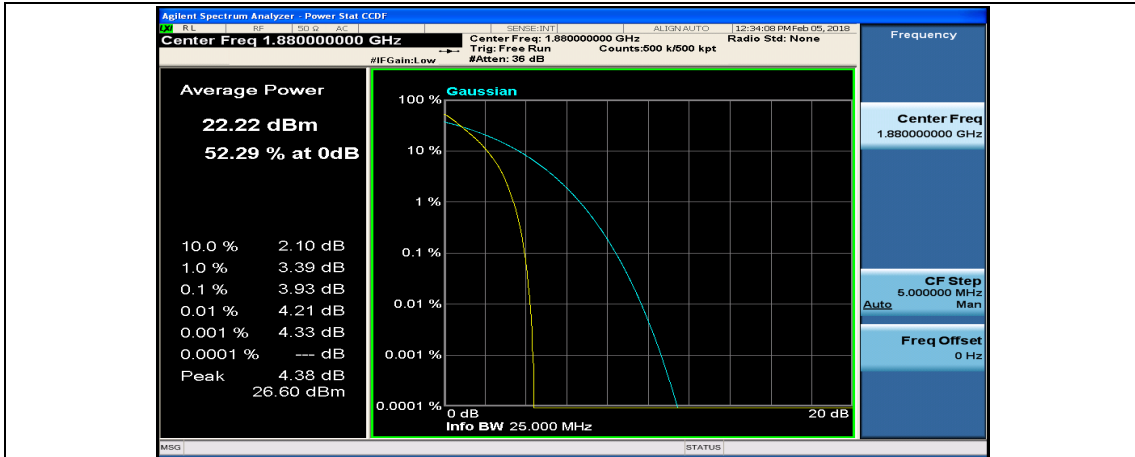
(Channel Bandwidth:20 MHz)\_MCH\_QPSK\_50RB#0



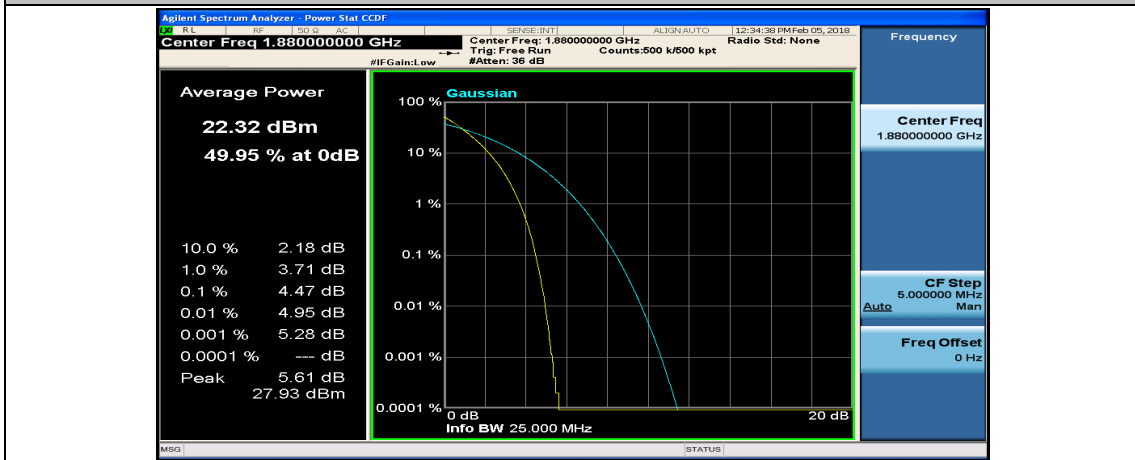
(Channel Bandwidth:20 MHz)\_MCH\_QPSK\_50RB#25



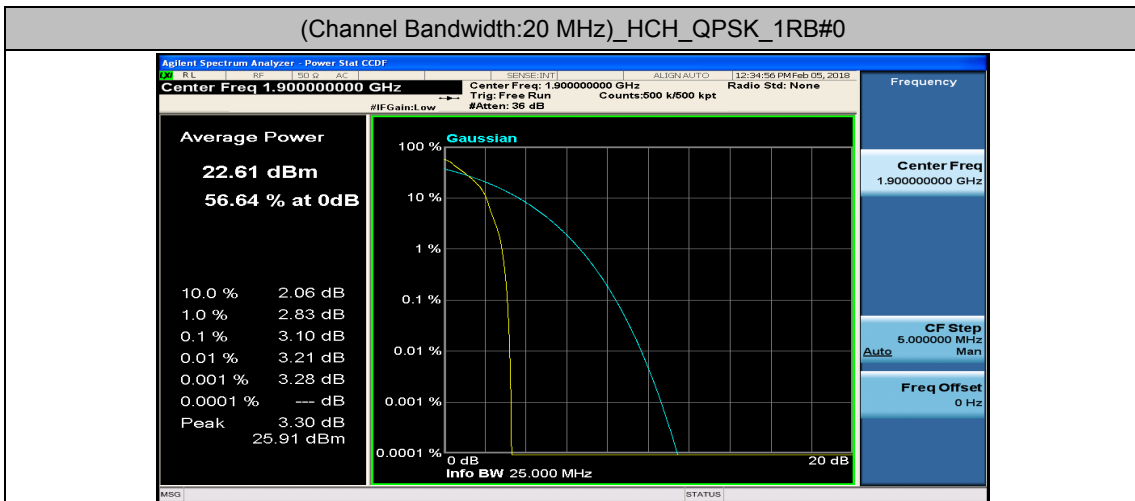
(Channel Bandwidth:20 MHz)\_MCH\_QPSK\_50RB#50



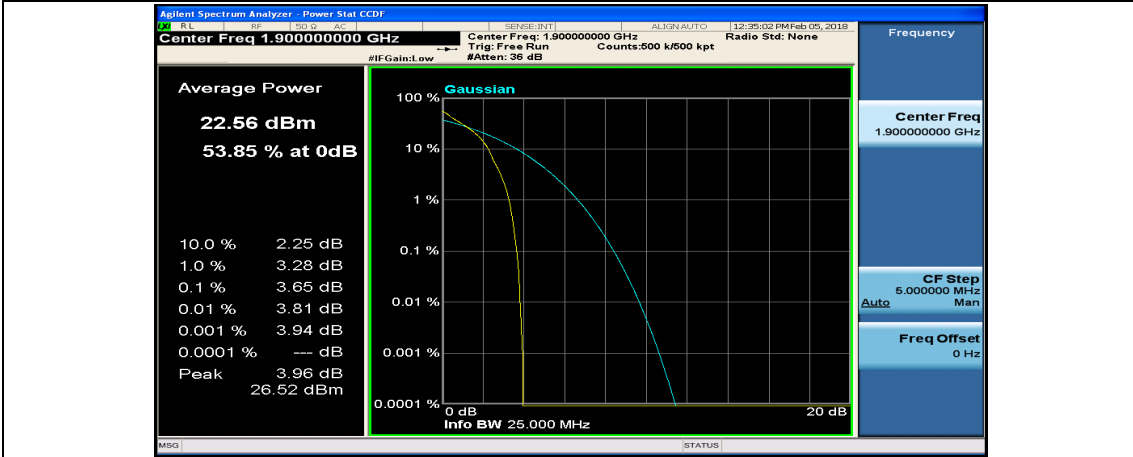
(Channel Bandwidth:20 MHz)\_MCH\_QPSK\_100RB#0



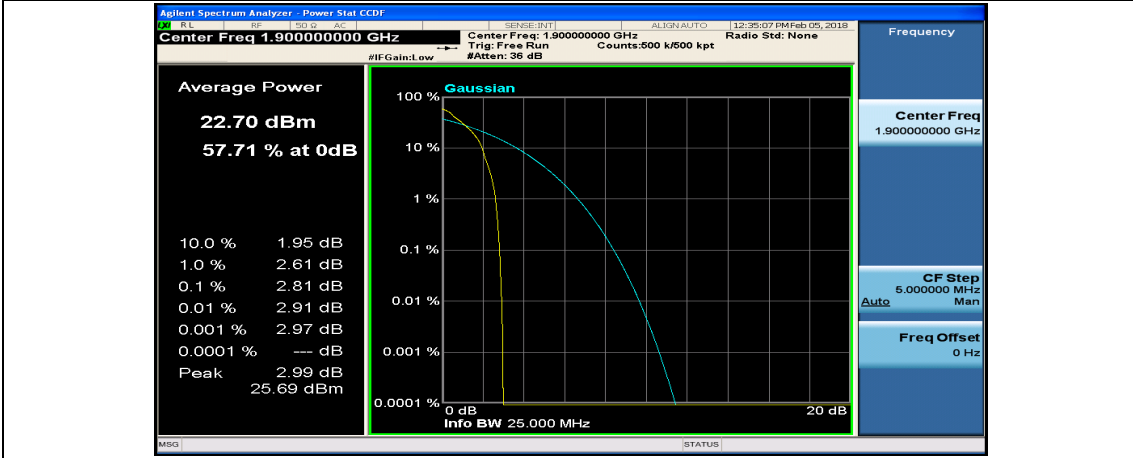
(Channel Bandwidth:20 MHz)\_HCH\_QPSK\_1RB#0



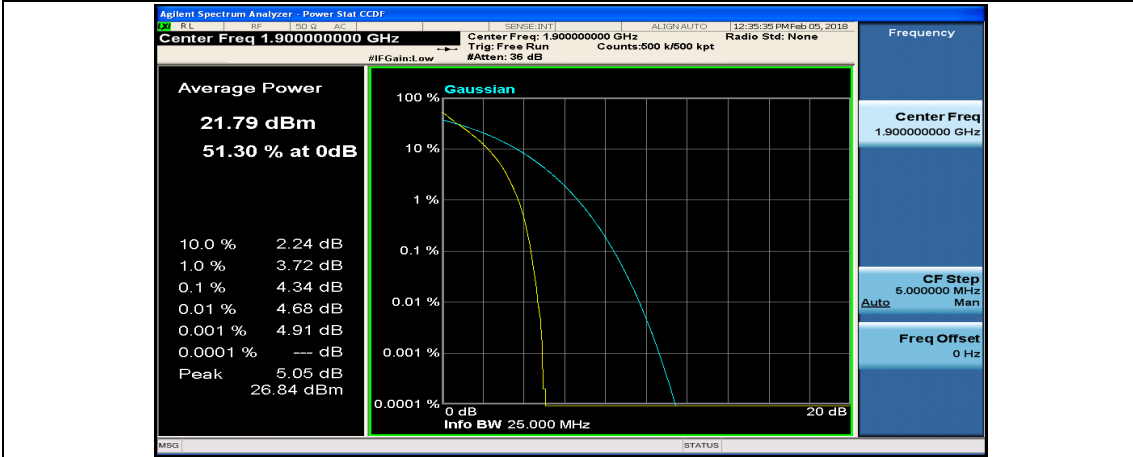
(Channel Bandwidth:20 MHz)\_HCH\_QPSK\_1RB#49



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

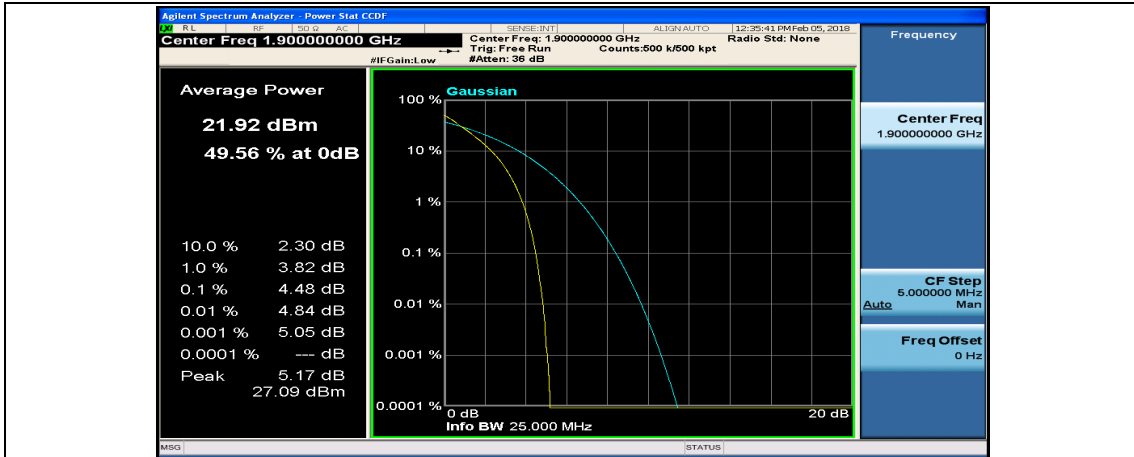


(Channel Bandwidth:20 MHz)\_HCH\_QPSK\_50RB#0

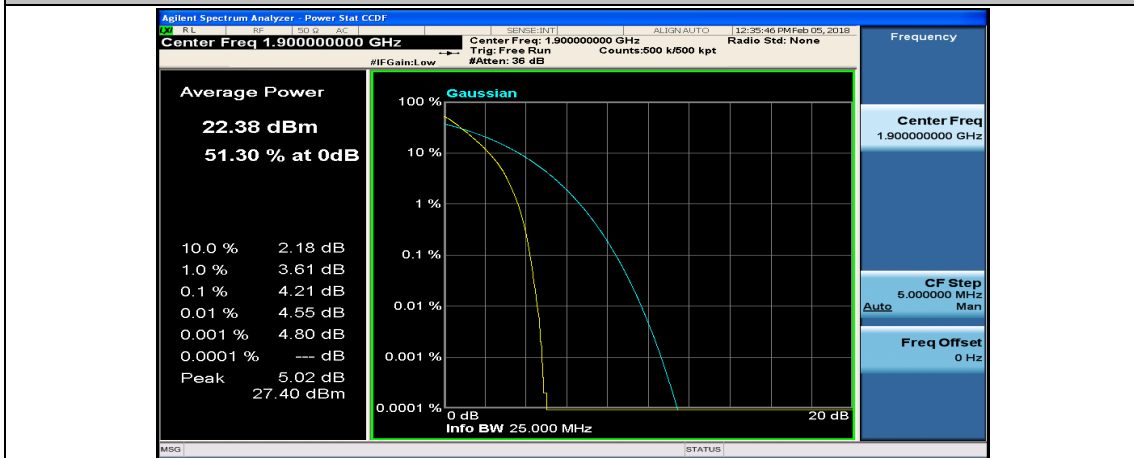


(Channel Bandwidth:20 MHz)\_HCH\_QPSK\_50RB#25

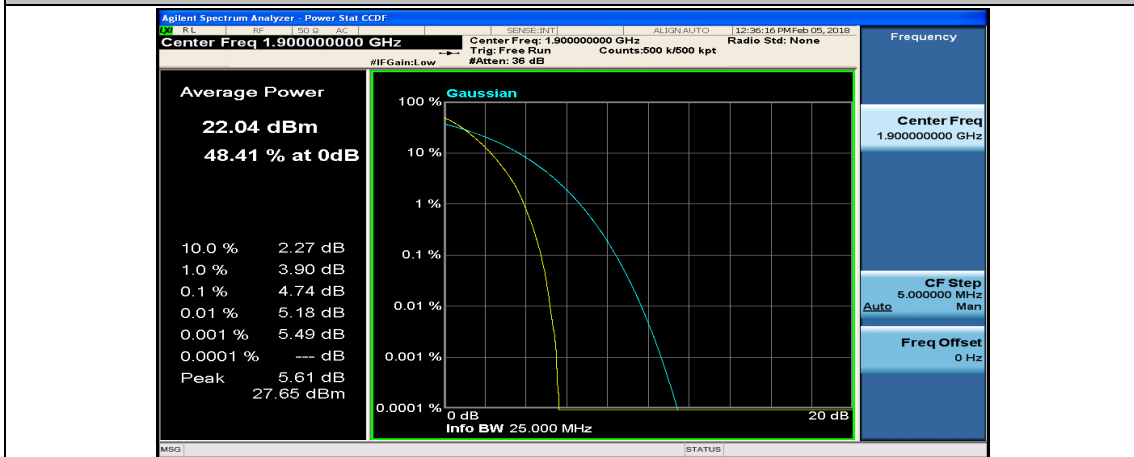




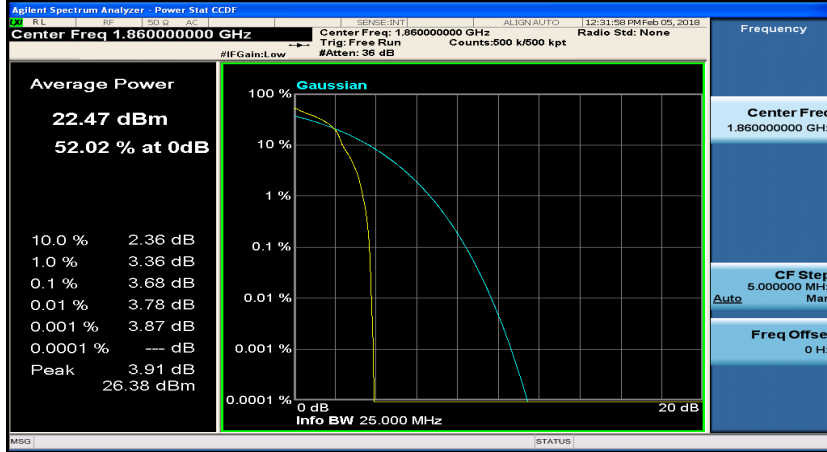
(Channel Bandwidth:20 MHz)\_HCH\_QPSK\_50RB#50



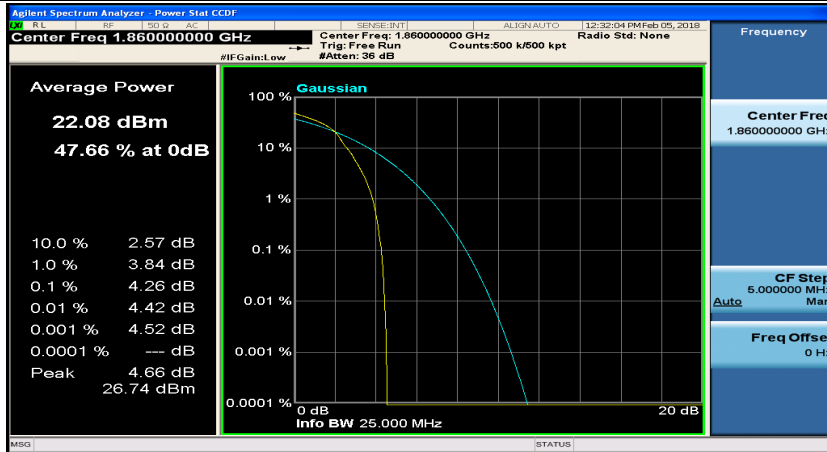
(Channel Bandwidth:20 MHz)\_HCH\_QPSK\_100RB#0



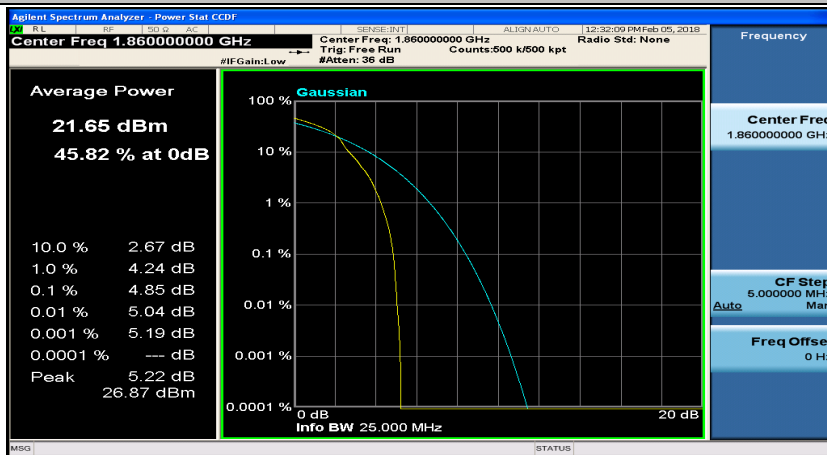
(Channel Bandwidth:20 MHz)\_LCH\_16QAM\_1RB#0



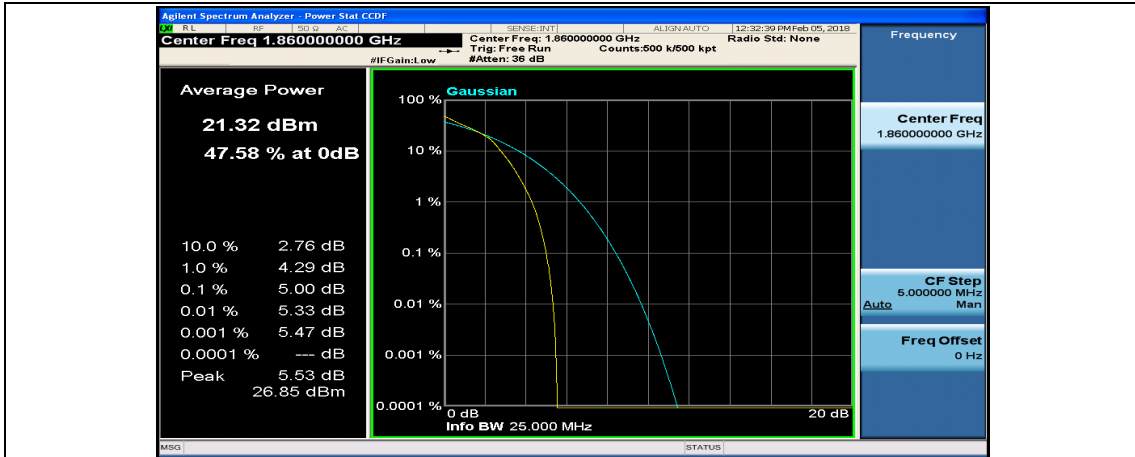
(Channel Bandwidth:20 MHz)\_LCH\_16QAM\_1RB#49



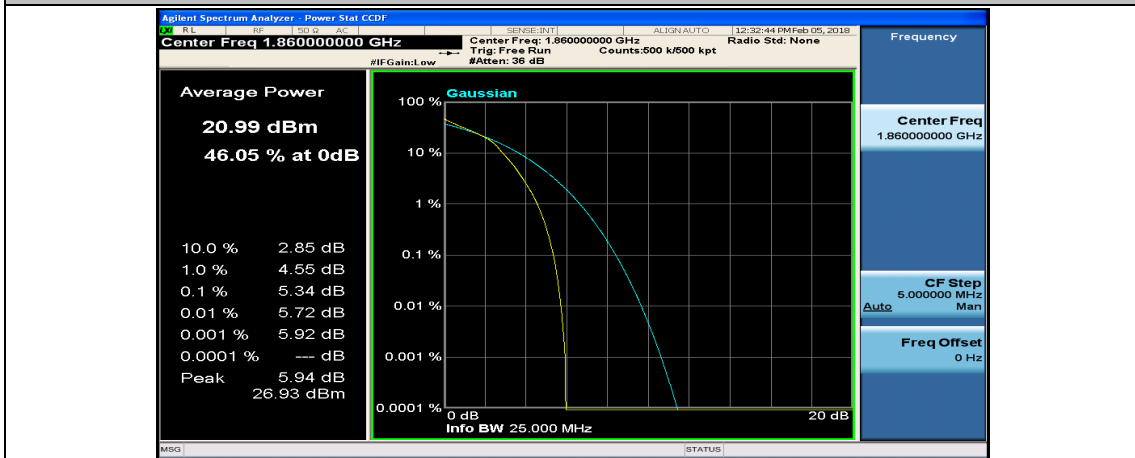
(Channel Bandwidth:20 MHz)\_LCH\_16QAM\_1RB#99



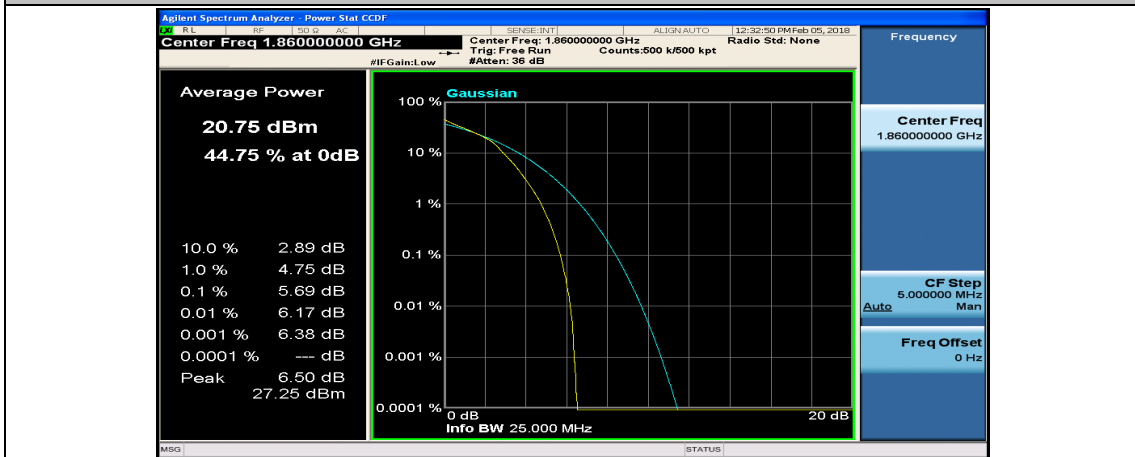
(Channel Bandwidth:20 MHz)\_LCH\_16QAM\_50RB#0



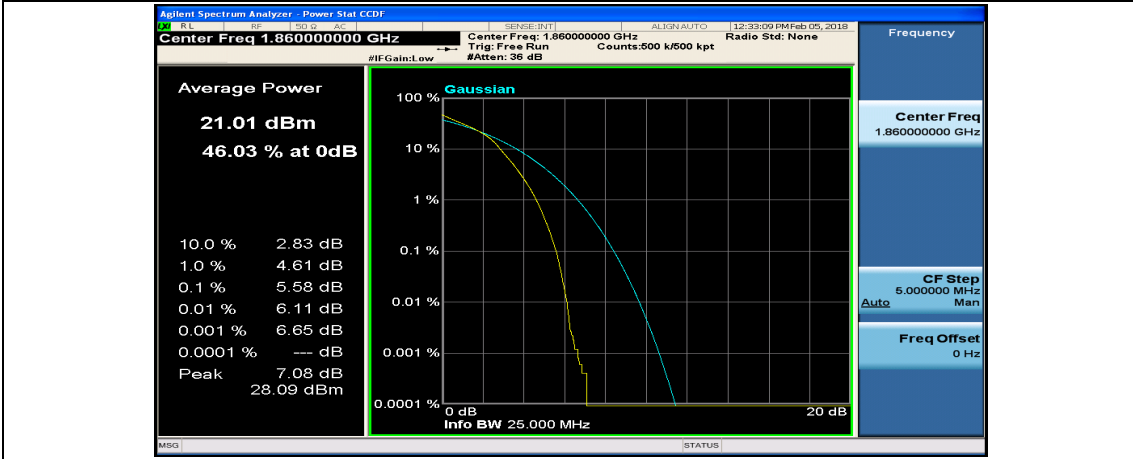
(Channel Bandwidth:20 MHz)\_LCH\_16QAM\_50RB#25



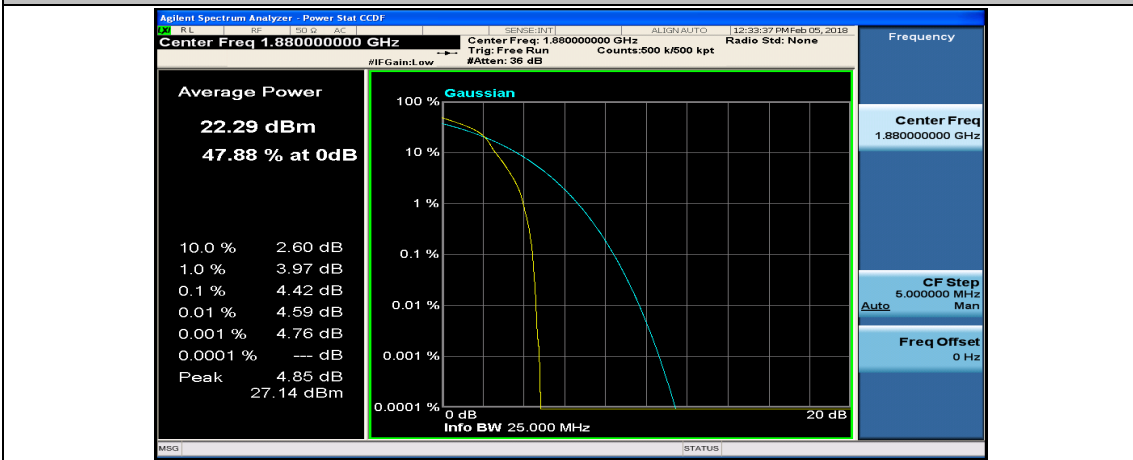
(Channel Bandwidth:20 MHz)\_LCH\_16QAM\_50RB#50



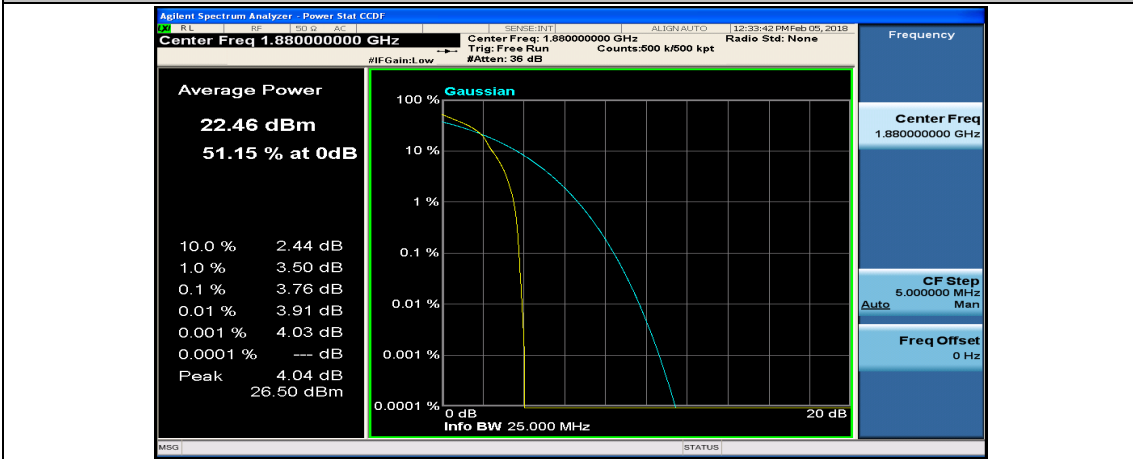
(Channel Bandwidth:20 MHz)\_LCH\_16QAM\_100RB#0



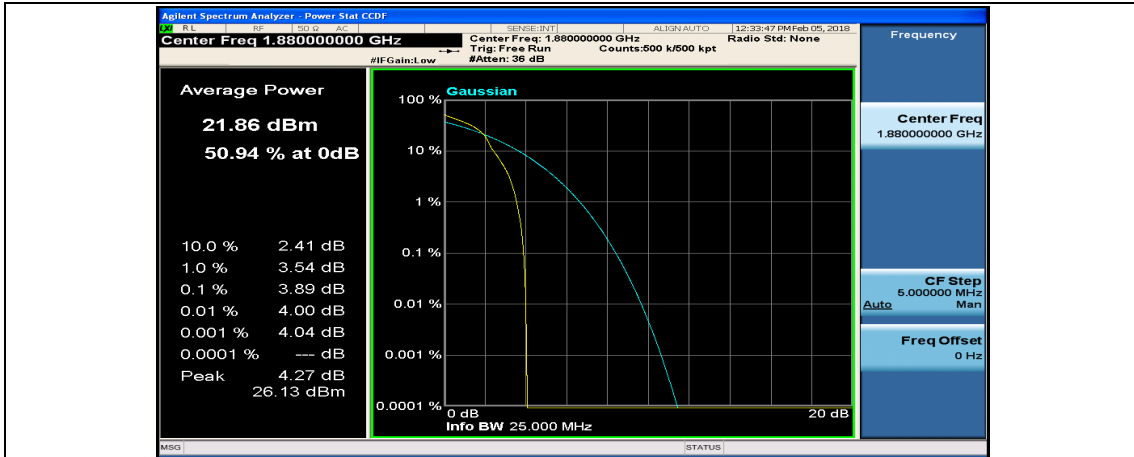
(Channel Bandwidth:20 MHz)\_MCH\_16QAM\_1RB#0



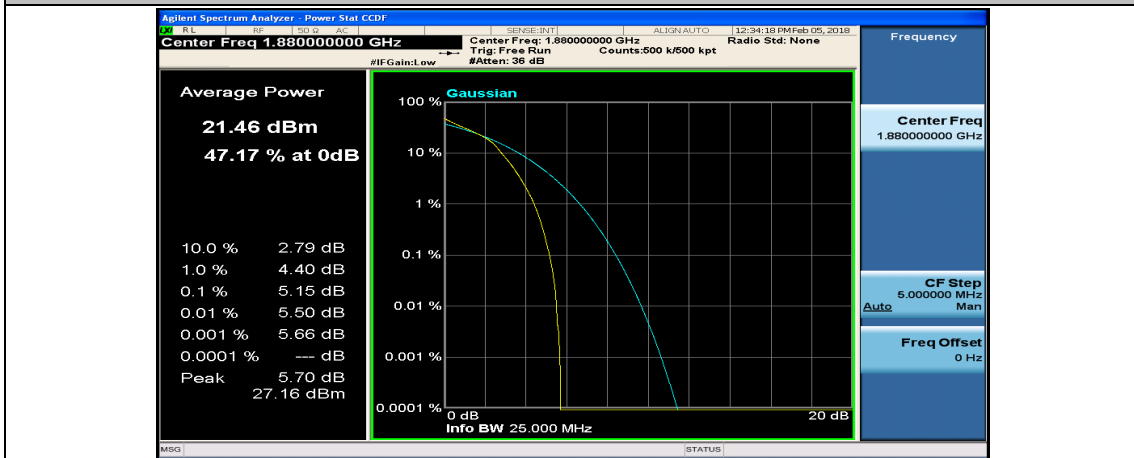
(Channel Bandwidth:20 MHz)\_MCH\_16QAM\_1RB#49



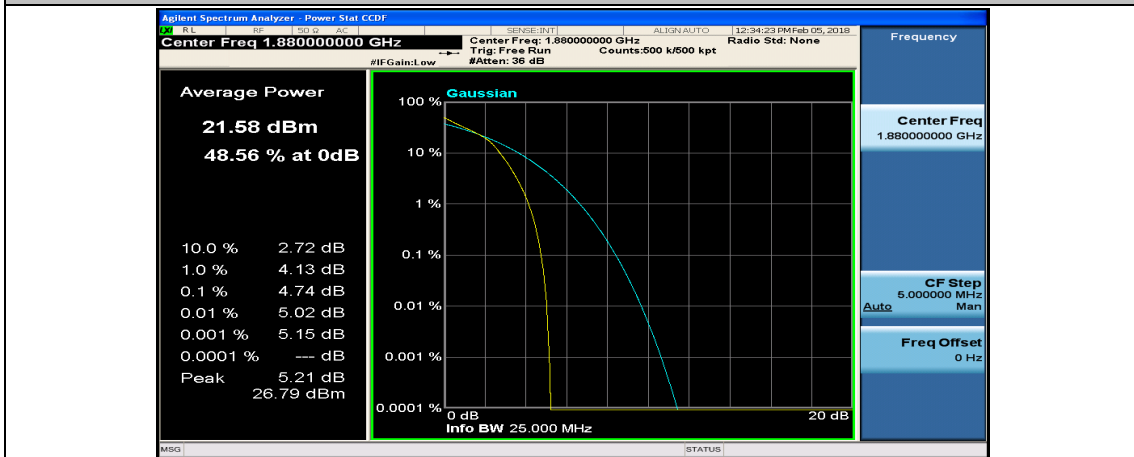
(Channel Bandwidth:20 MHz)\_MCH\_16QAM\_1RB#99



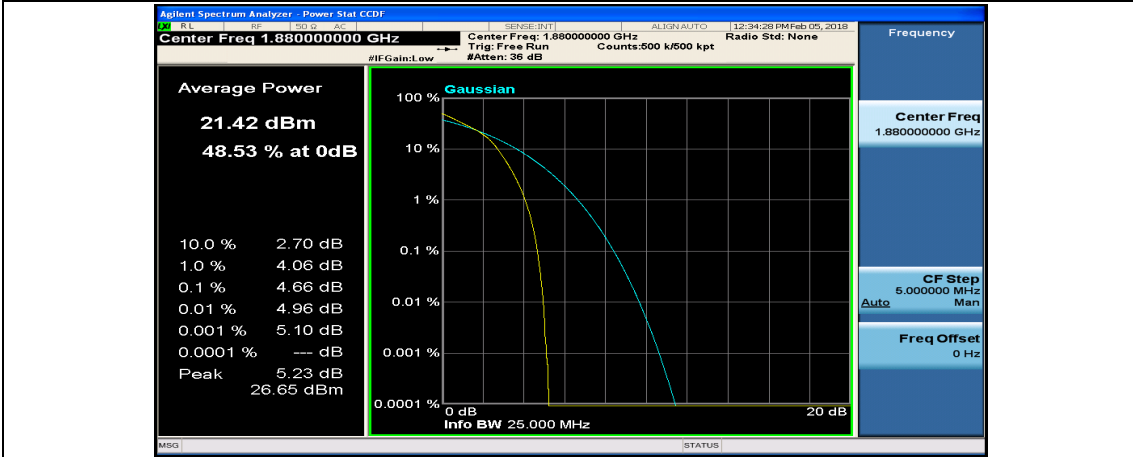
(Channel Bandwidth:20 MHz)\_MCH\_16QAM\_50RB#0



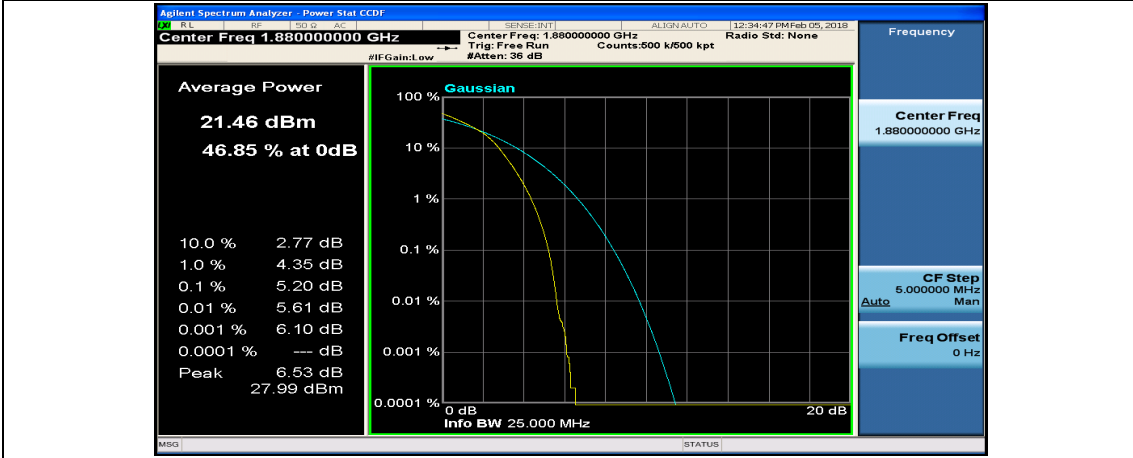
(Channel Bandwidth:20 MHz)\_MCH\_16QAM\_50RB#25



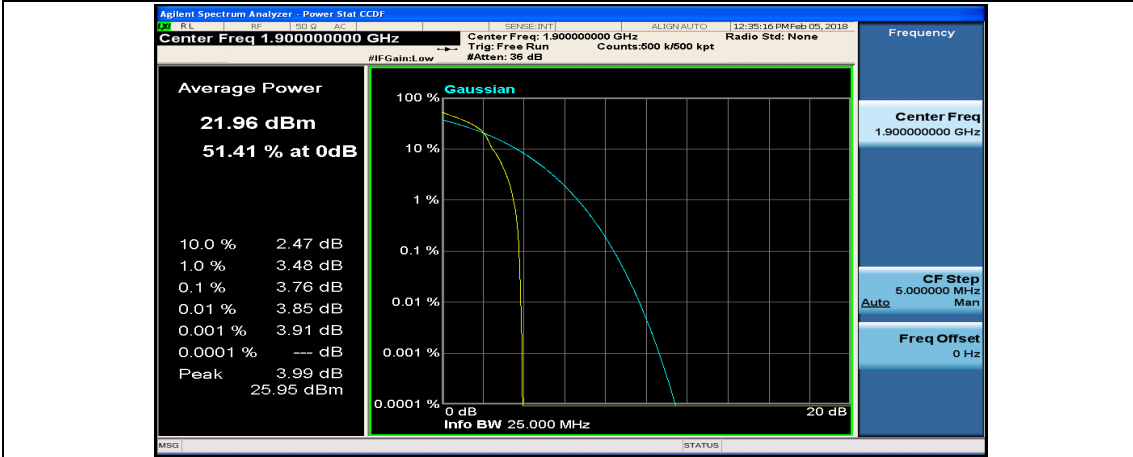
(Channel Bandwidth:20 MHz)\_MCH\_16QAM\_50RB#50



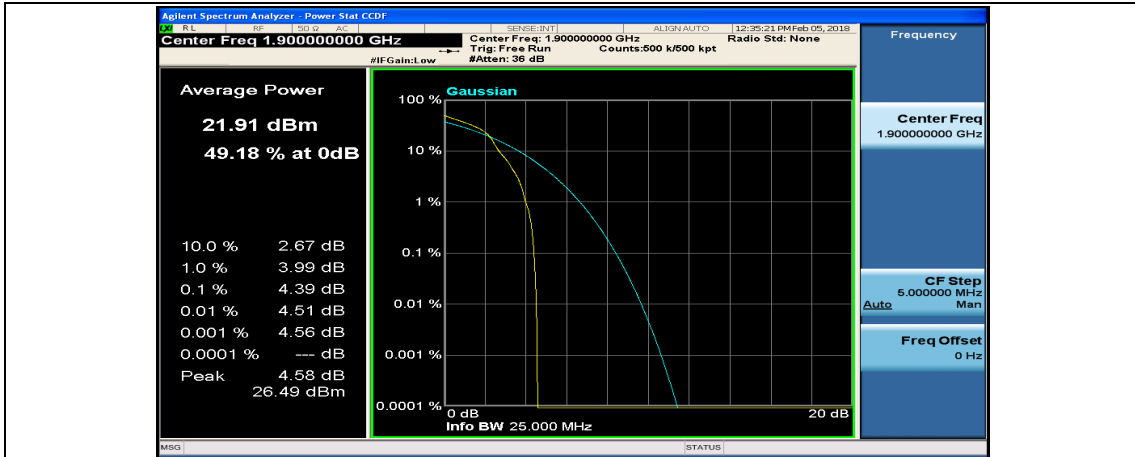
(Channel Bandwidth:20 MHz)\_MCH\_16QAM\_100RB#0



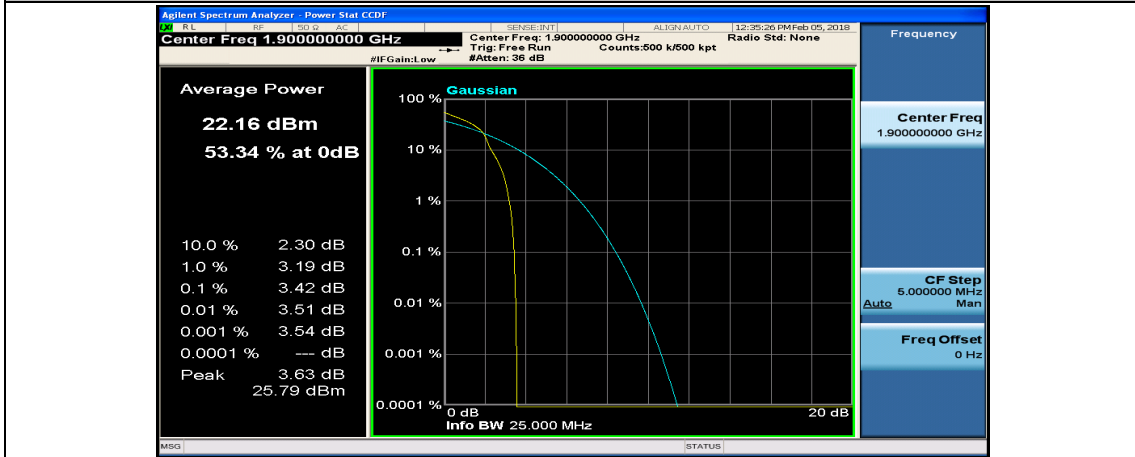
(Channel Bandwidth:20 MHz)\_HCH\_16QAM\_1RB#0



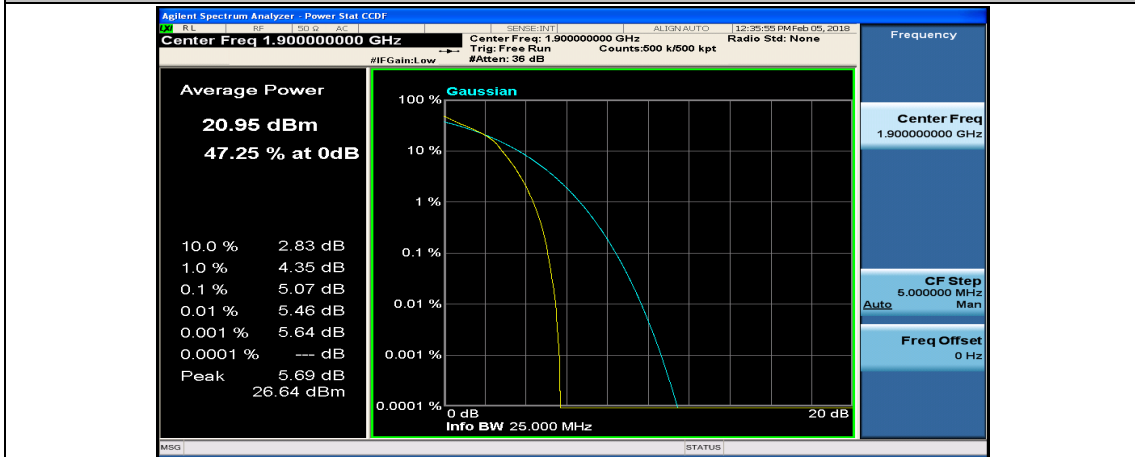
(Channel Bandwidth:20 MHz)\_HCH\_16QAM\_1RB#49



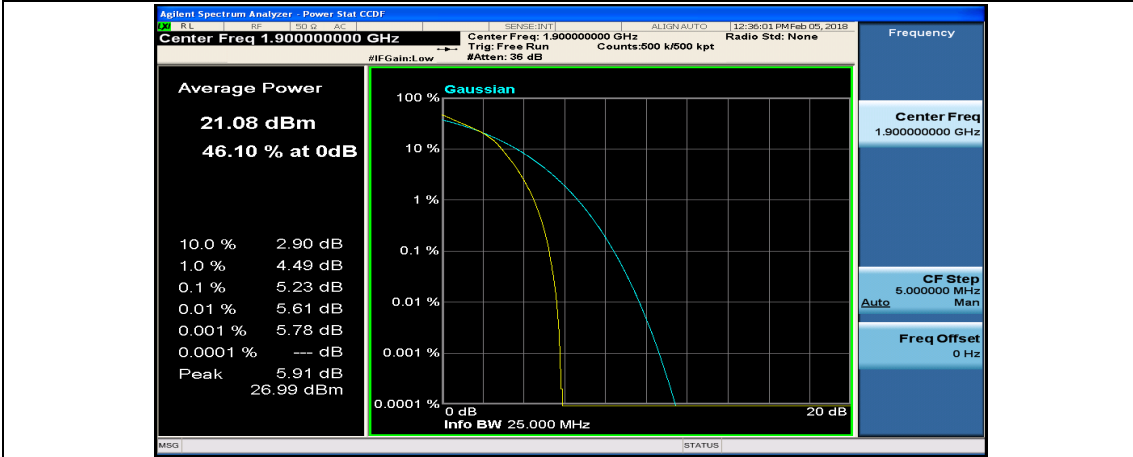
(Channel Bandwidth:20 MHz)\_HCH\_16QAM\_1RB#99



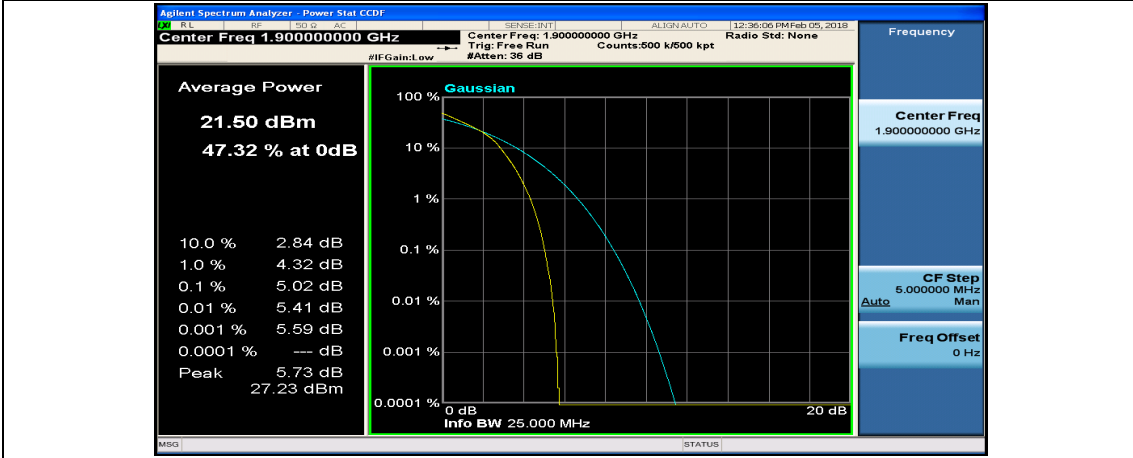
(Channel Bandwidth:20 MHz)\_HCH\_16QAM\_50RB#0



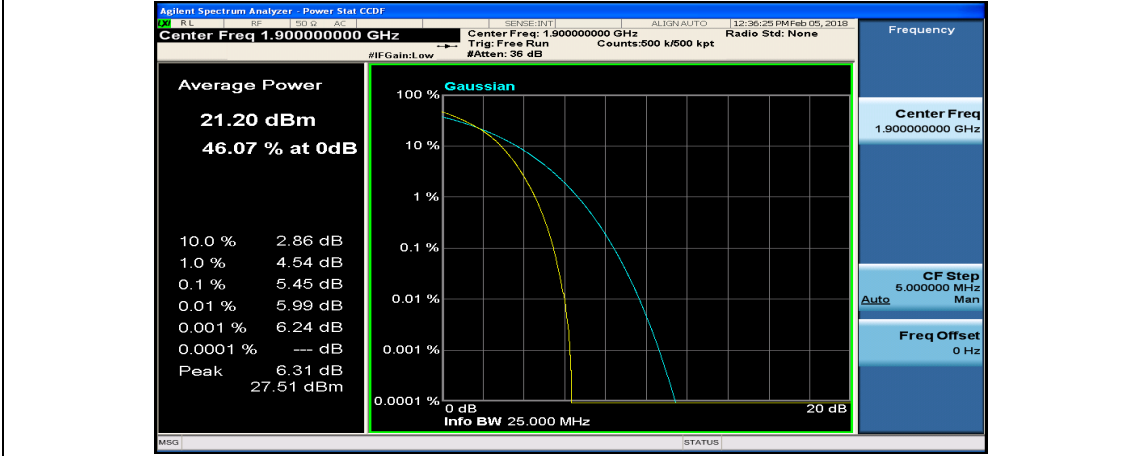
(Channel Bandwidth:20 MHz)\_HCH\_16QAM\_50RB#25



(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	1.0792	1.354	PASS
	MCH	6	0	1.0798	1.282	PASS
	HCH	6	0	1.0865	1.802	PASS
16QAM	LCH	6	0	1.0808	1.235	PASS
	MCH	6	0	1.0808	1.236	PASS
	HCH	6	0	1.0859	1.698	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	2.6835	2.893	PASS
	MCH	15	0	2.6902	2.907	PASS
	HCH	15	0	2.6931	4.090	PASS
16QAM	LCH	15	0	2.6901	2.921	PASS
	MCH	15	0	2.6840	2.891	PASS
	HCH	15	0	2.6940	3.340	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	4.4848	4.877	PASS
	MCH	25	0	4.4885	4.883	PASS
	HCH	25	0	4.4875	5.208	PASS
16QAM	LCH	25	0	4.4744	4.881	PASS
	MCH	25	0	4.4894	4.817	PASS
	HCH	25	0	4.4839	4.903	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	8.9313	9.539	PASS
	MCH	50	0	8.9444	9.557	PASS
	HCH	50	0	8.9269	9.477	PASS
16QAM	LCH	50	0	8.9340	9.540	PASS
	MCH	50	0	8.9412	9.554	PASS
	HCH	50	0	8.9375	9.466	PASS

### Channel Bandwidth: 15 MHz

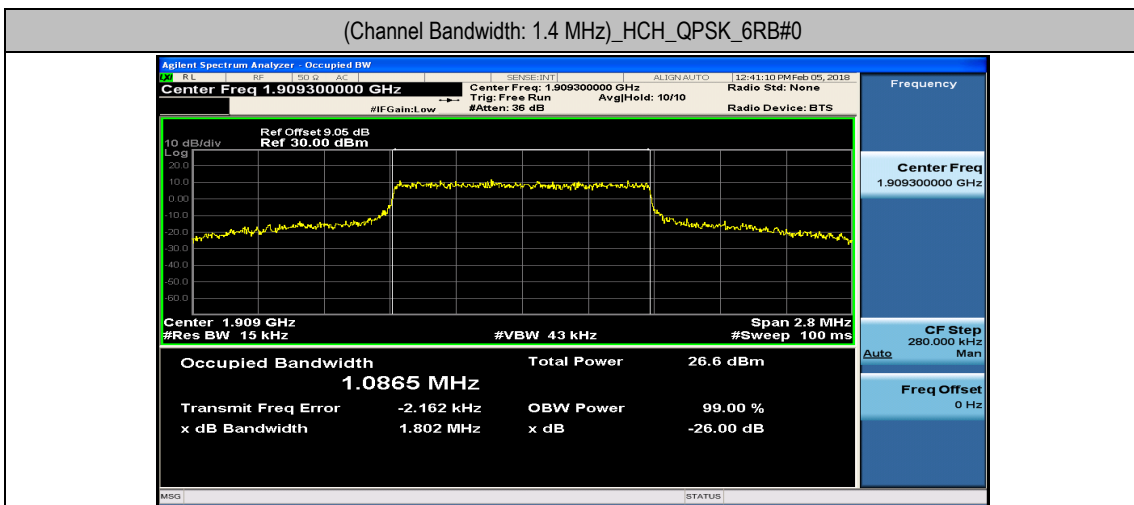
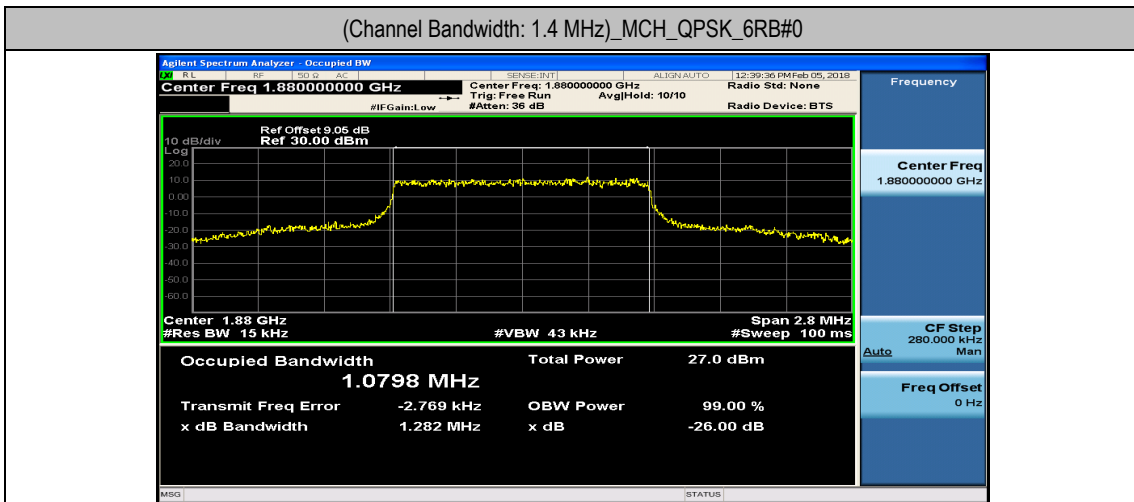
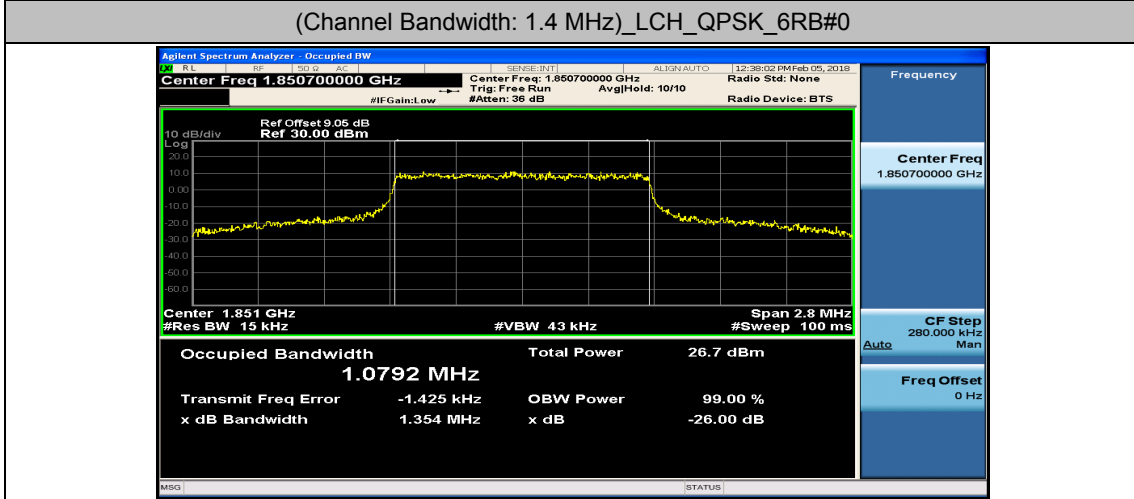
Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	75	0	13.431	14.17	PASS
	MCH	75	0	13.398	14.21	PASS
	HCH	75	0	13.410	15.48	PASS
16QAM	LCH	75	0	13.414	14.09	PASS
	MCH	75	0	13.398	14.12	PASS
	HCH	75	0	13.397	14.18	PASS

### Channel Bandwidth: 20 MHz

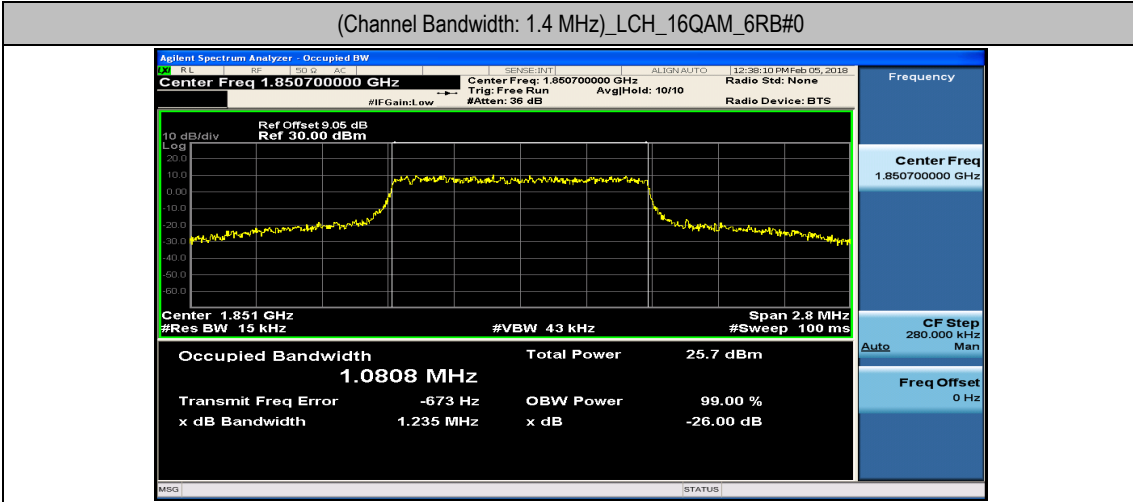
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	100	0	17.880	18.75	PASS
	MCH	100	0	17.842	18.64	PASS
	HCH	100	0	17.887	18.79	PASS
16QAM	LCH	100	0	17.901	18.67	PASS
	MCH	100	0	17.827	18.62	PASS
	HCH	100	0	17.889	18.59	PASS

## Test Graphs

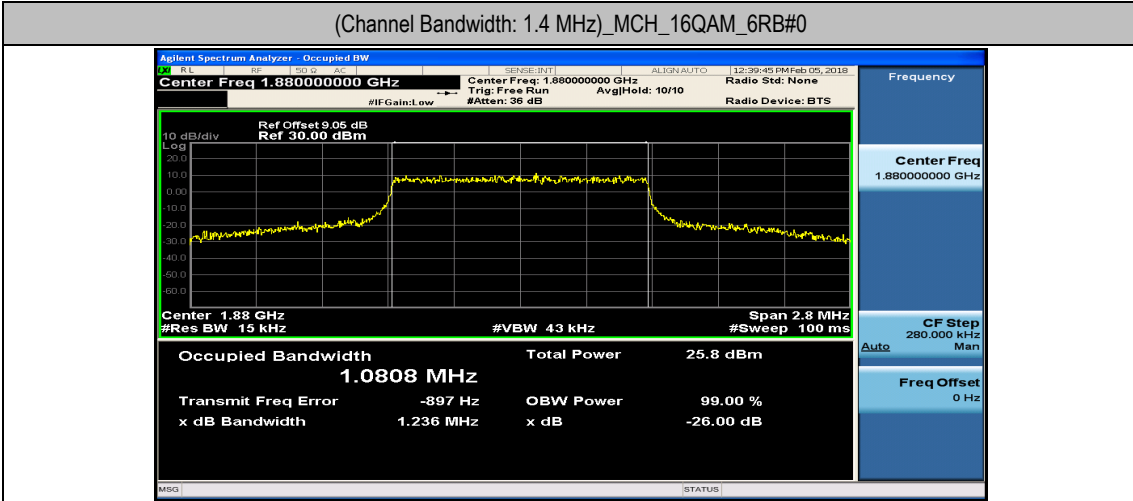
### Channel Bandwidth: 1.4 MHz



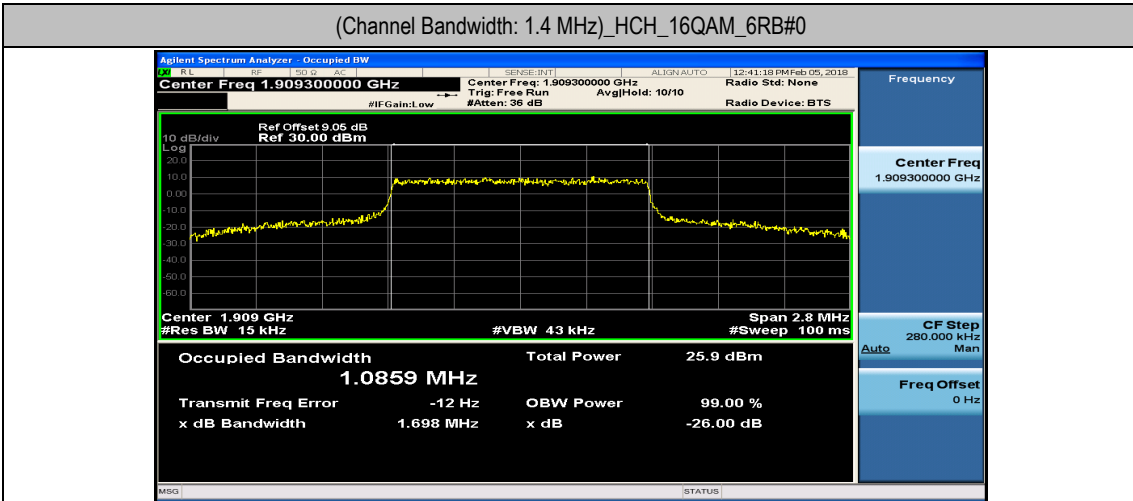
(Channel Bandwidth: 1.4 MHz)\_LCH\_16QAM\_6RB#0



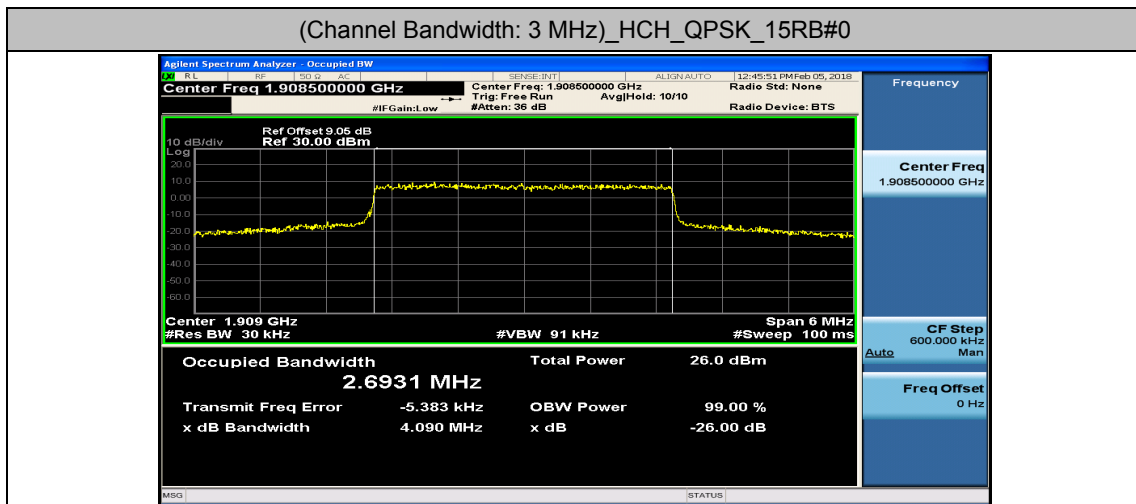
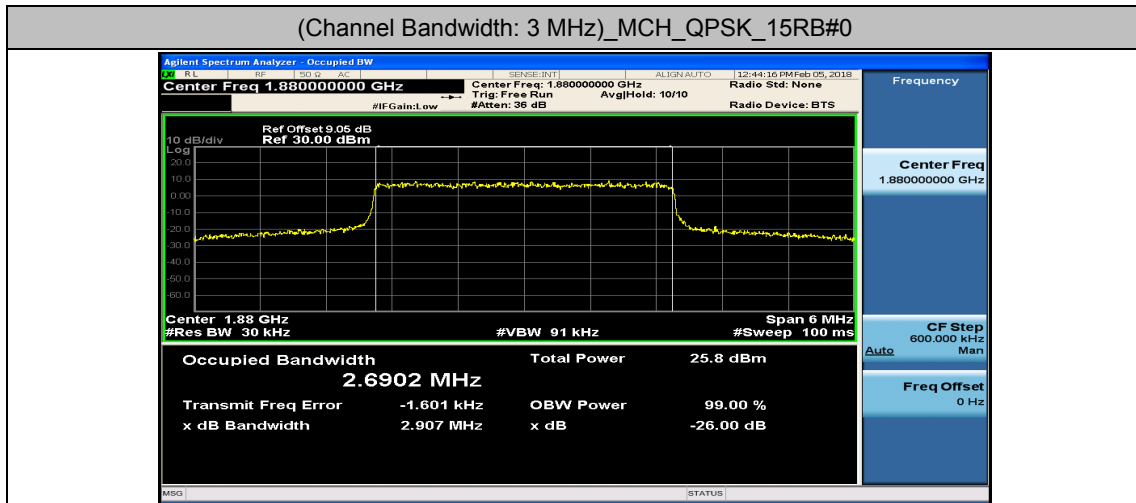
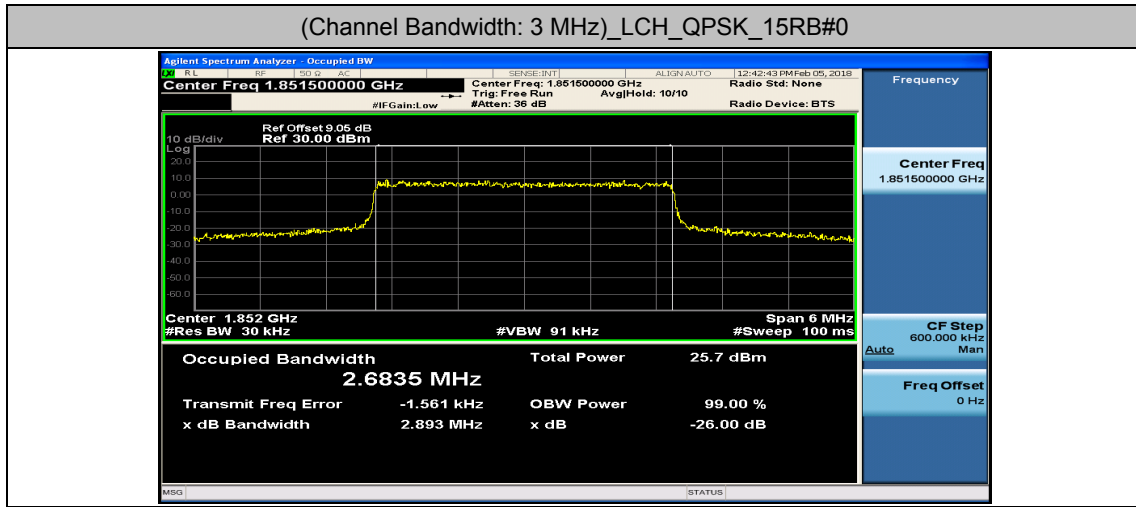
(Channel Bandwidth: 1.4 MHz)\_MCH\_16QAM\_6RB#0



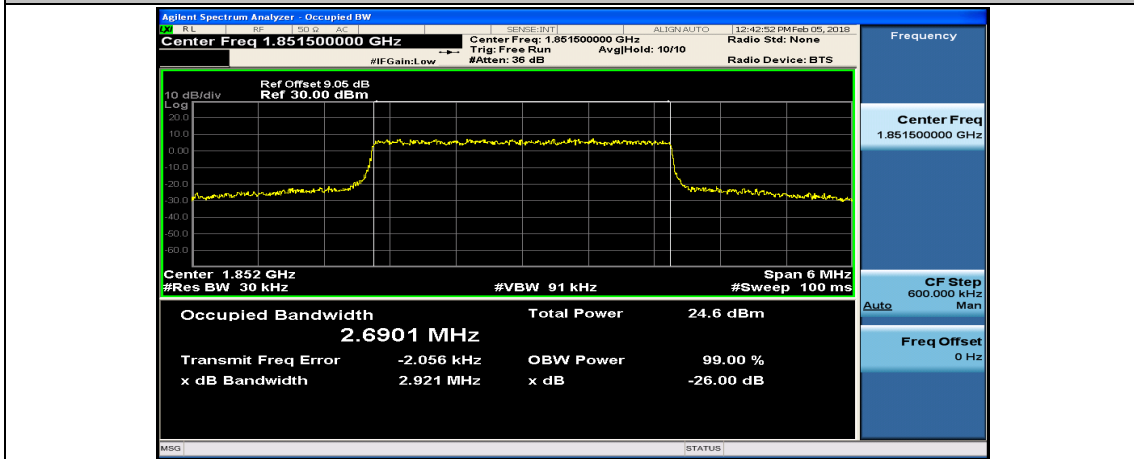
(Channel Bandwidth: 1.4 MHz)\_HCH\_16QAM\_6RB#0



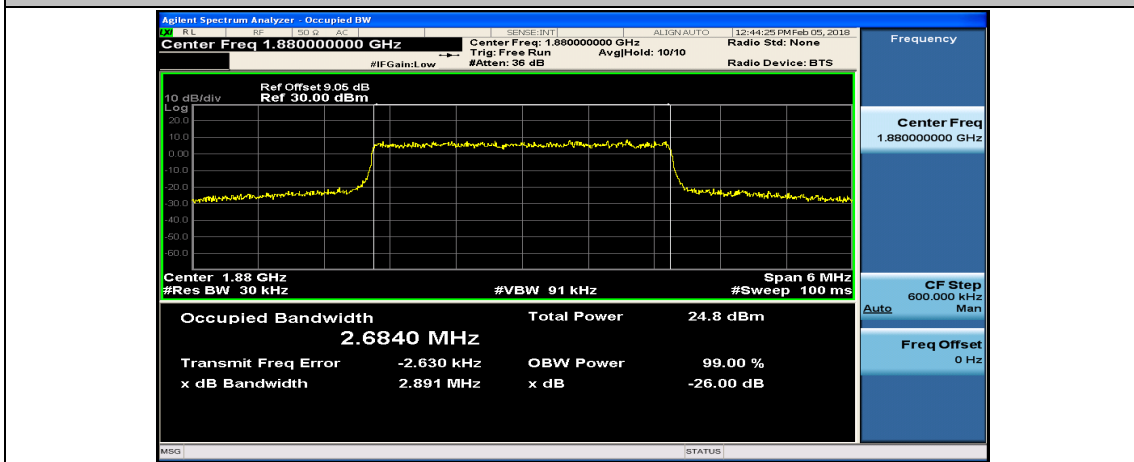
### Channel Bandwidth: 3 MHz



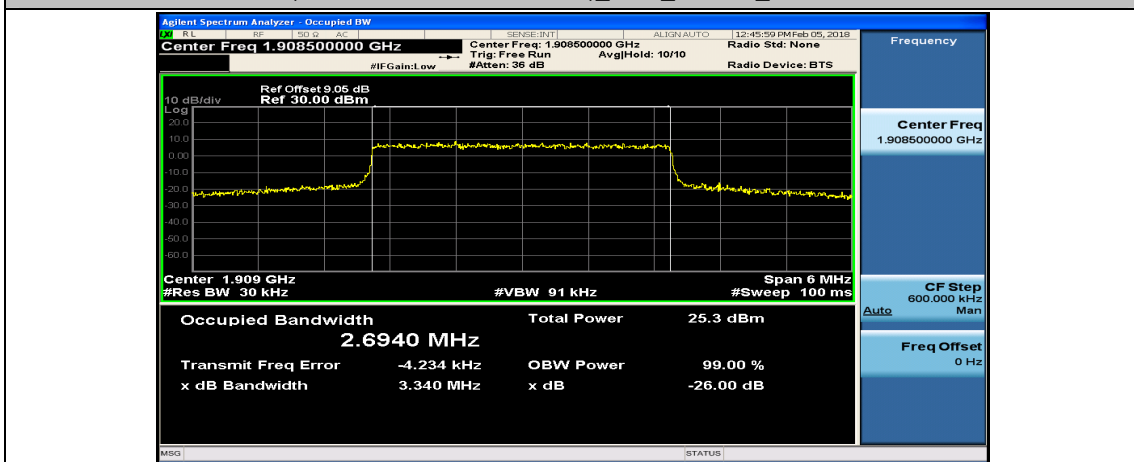
(Channel Bandwidth: 3 MHz)\_LCH\_16QAM\_15RB#0



(Channel Bandwidth: 3 MHz)\_MCH\_16QAM\_15RB#0



(Channel Bandwidth: 3 MHz)\_HCH\_16QAM\_15RB#0



## Channel Bandwidth: 5 MHz

