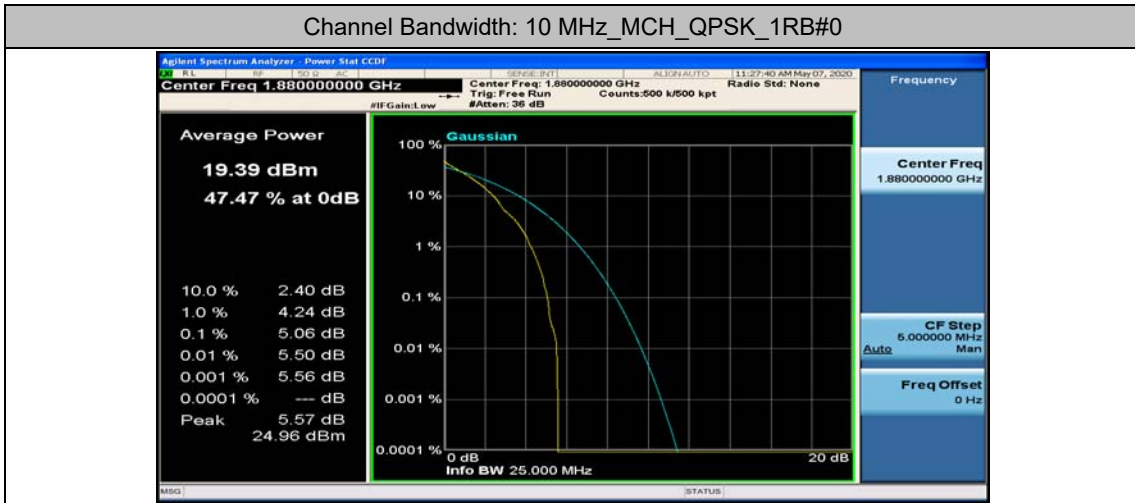


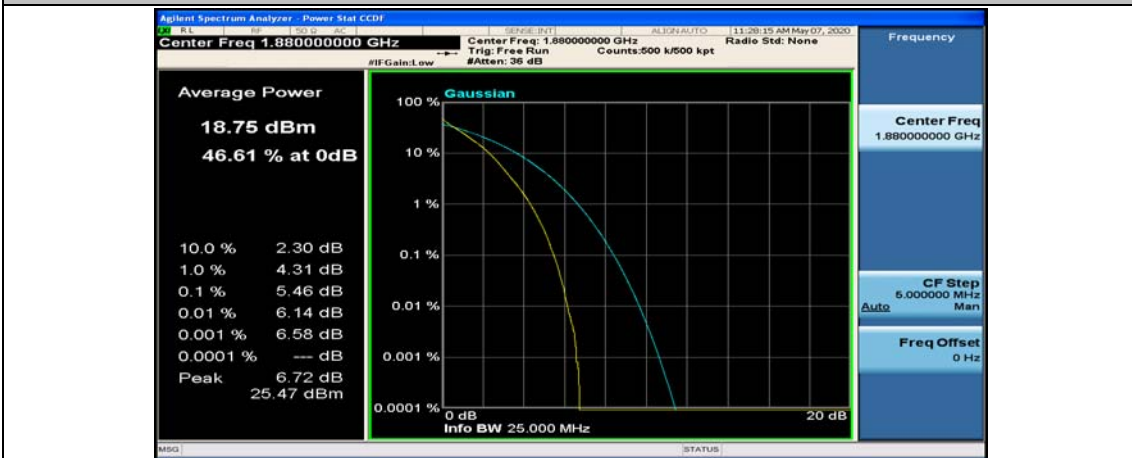
Channel Bandwidth: 10 MHz\_MCH\_QPSK\_1RB#0

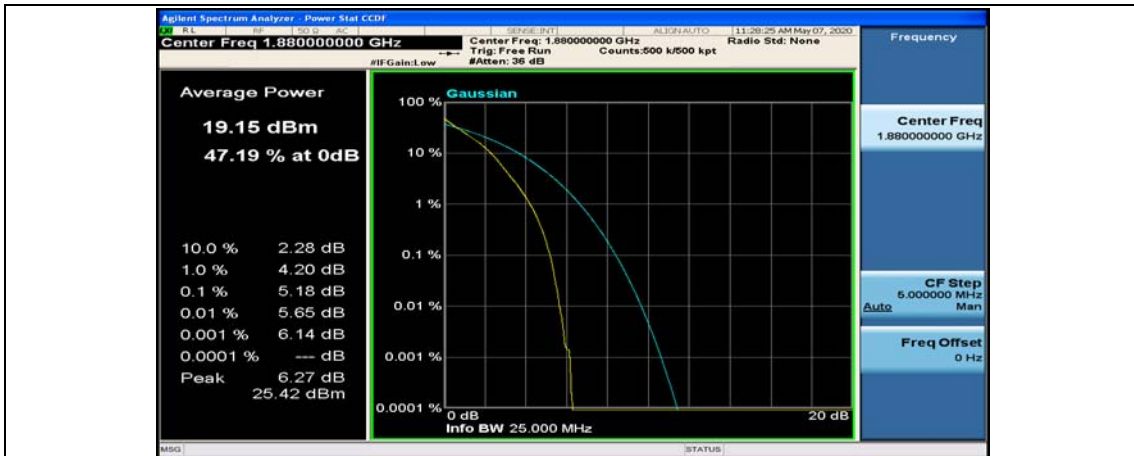


Channel Bandwidth: 10 MHz\_MCH\_QPSK\_1RB#24

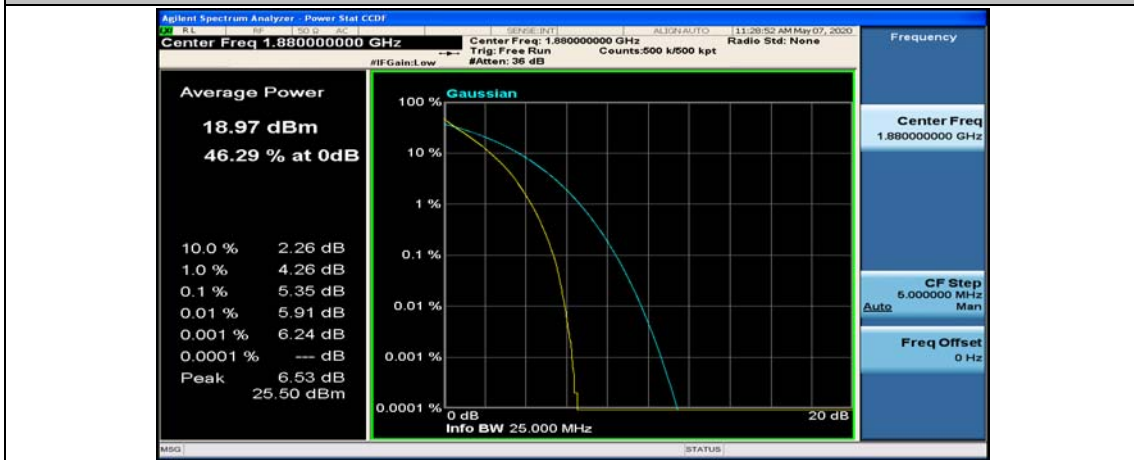


Channel Bandwidth: 10 MHz\_MCH\_QPSK\_1RB#49

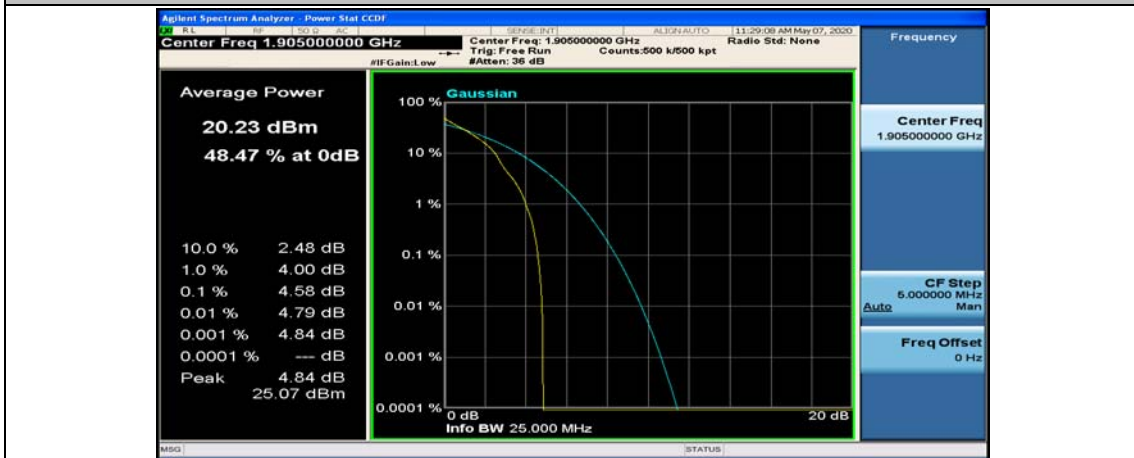




Channel Bandwidth: 10 MHz\_MCH\_QPSK\_50RB#0



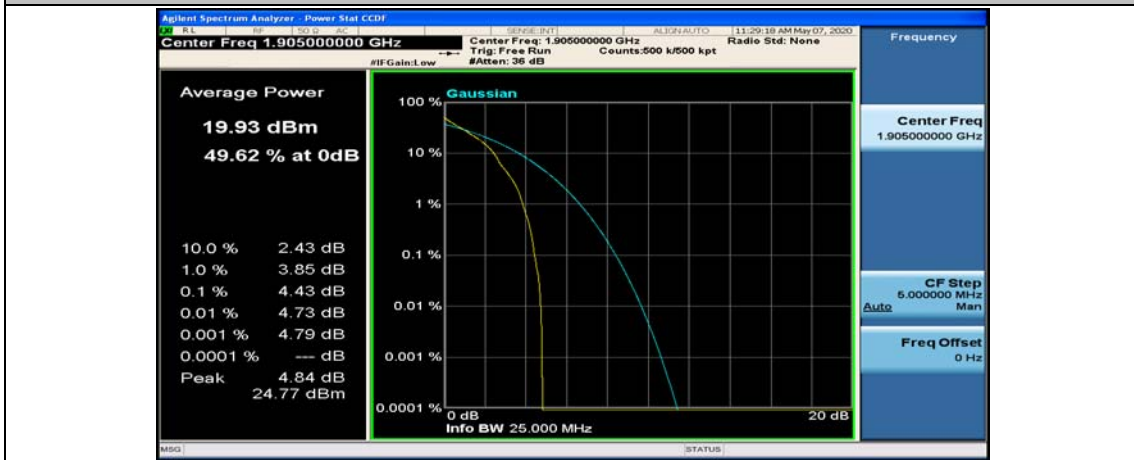
Channel Bandwidth: 10 MHz\_HCH\_QPSK\_1RB#0



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



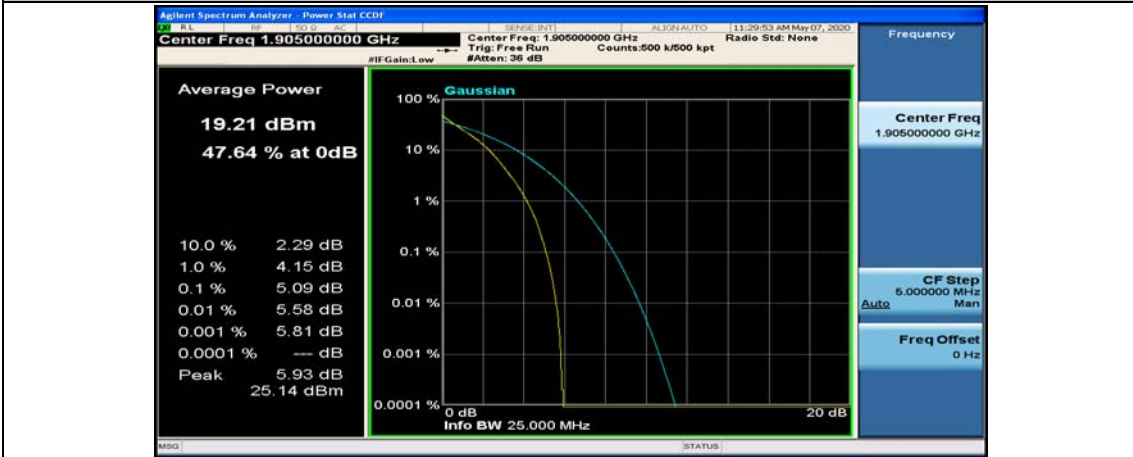
Channel Bandwidth: 10 MHz\_HCH\_QPSK\_1RB#49



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

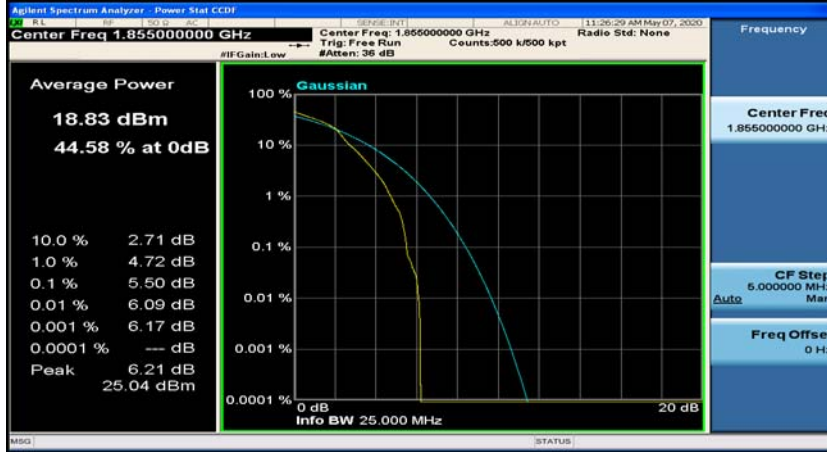


Channel Bandwidth: 10 MHz\_HCH\_QPSK\_25RB#12

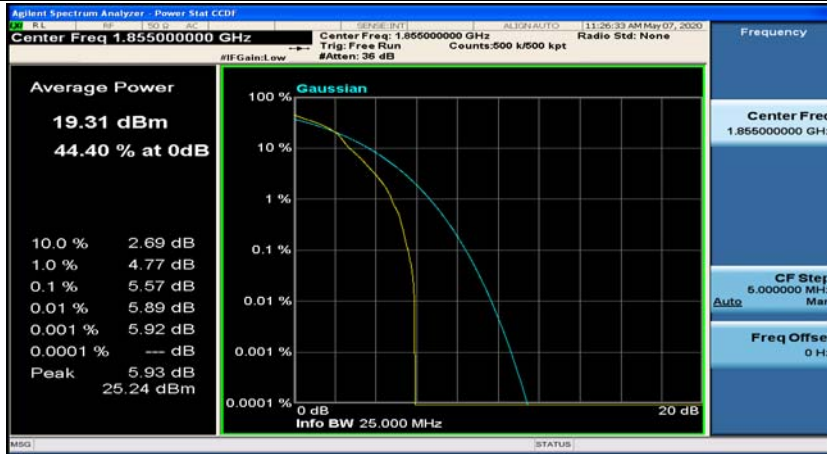




Channel Bandwidth: 10 MHz\_LCH\_16QAM\_1RB#0



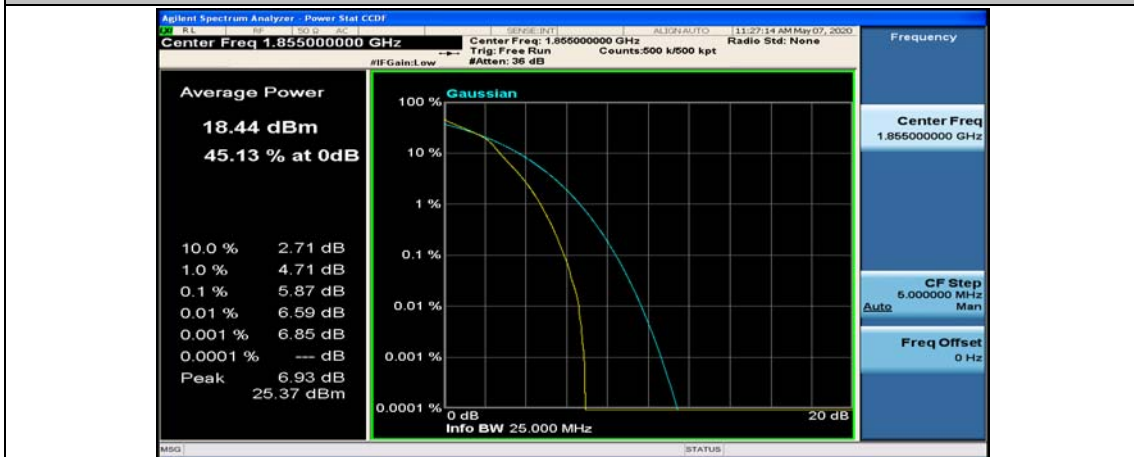
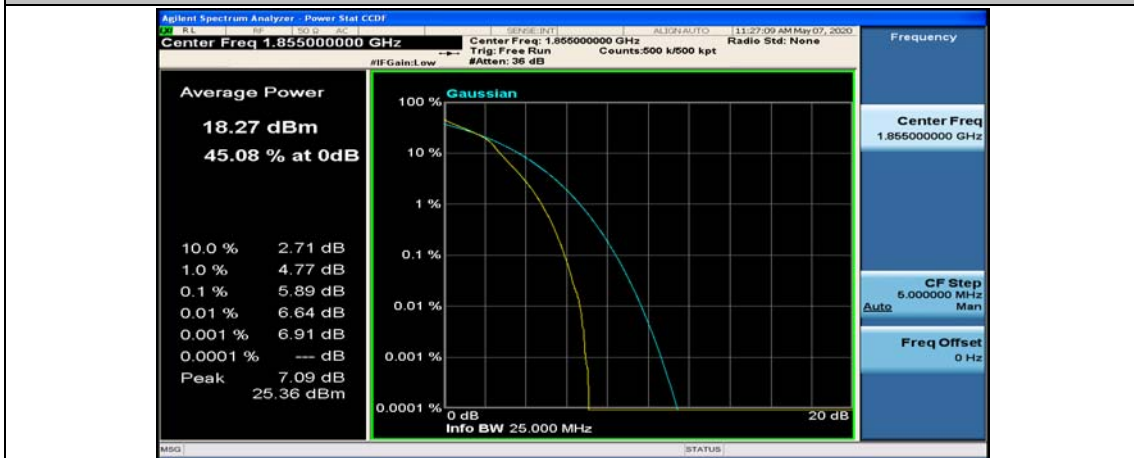
Channel Bandwidth: 10 MHz\_LCH\_16QAM\_1RB#24

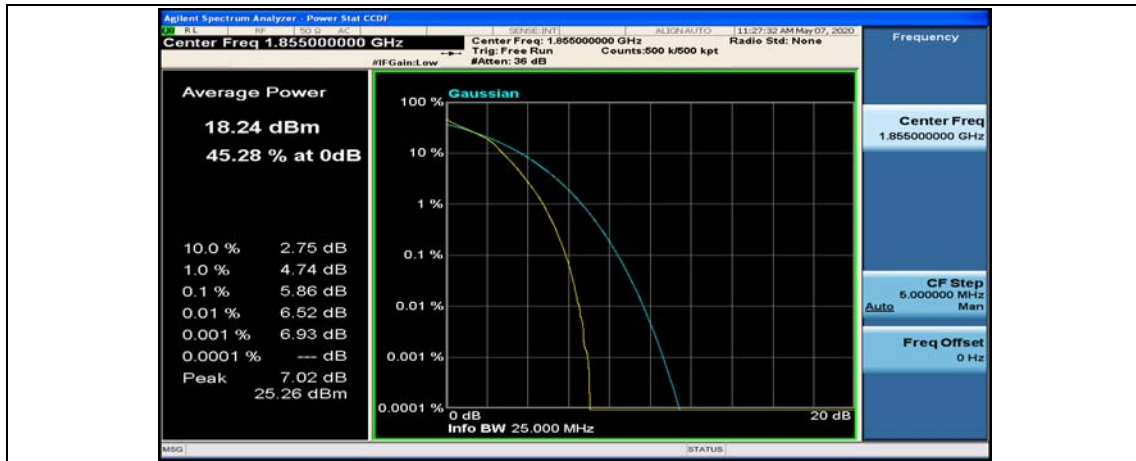


Channel Bandwidth: 10 MHz\_LCH\_16QAM\_1RB#49

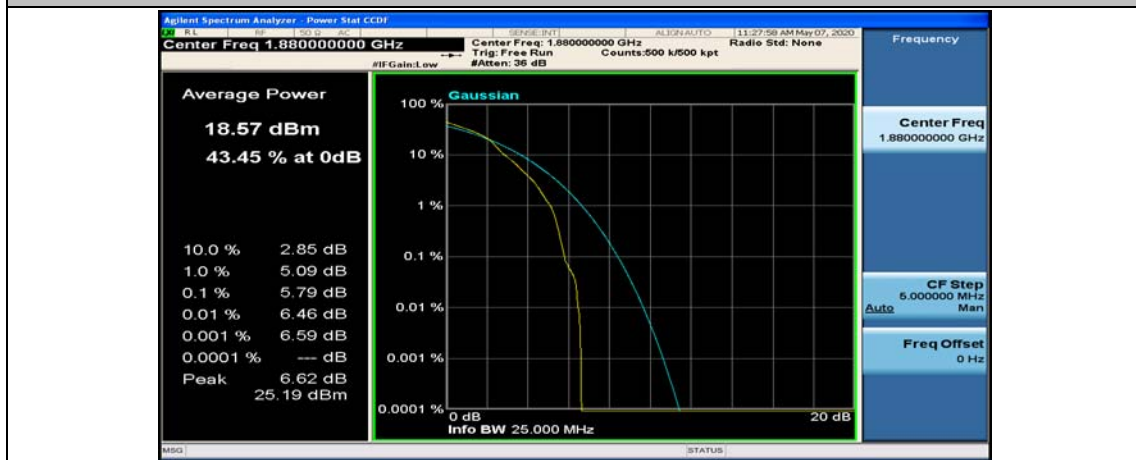


Channel Bandwidth: 10 MHz\_LCH\_16QAM\_25RB#0

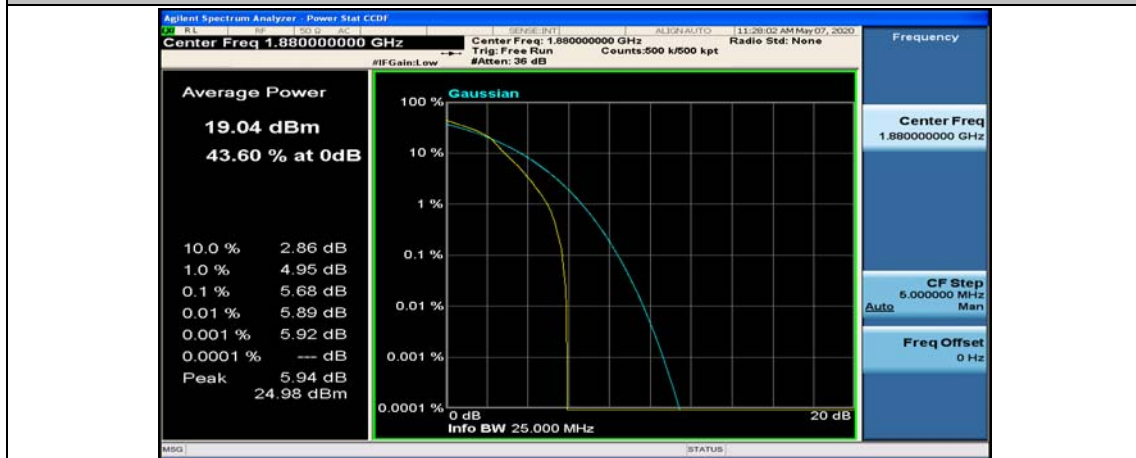




Channel Bandwidth: 10 MHz\_MCH\_16QAM\_1RB#0

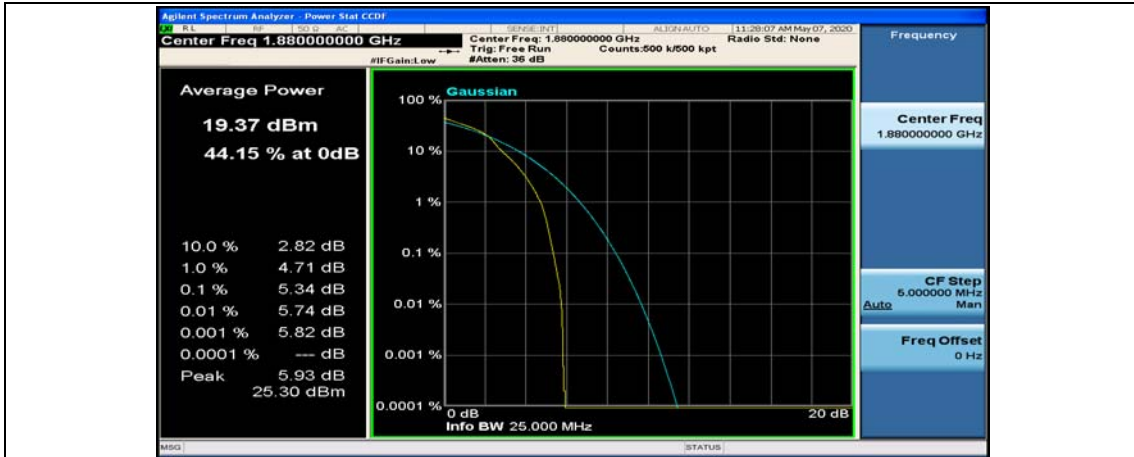


Channel Bandwidth: 10 MHz\_MCH\_16QAM\_1RB#24

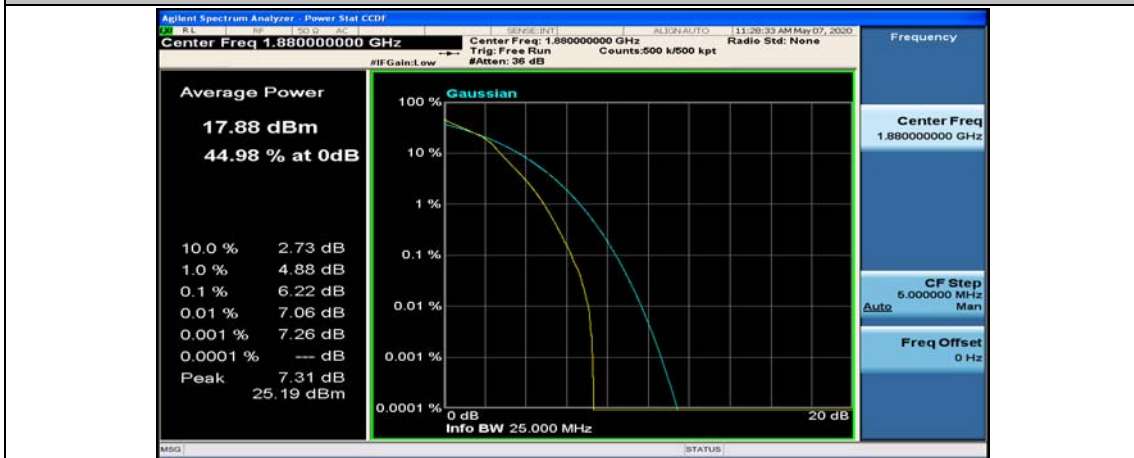


Channel Bandwidth: 10 MHz\_MCH\_16QAM\_1RB#49





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



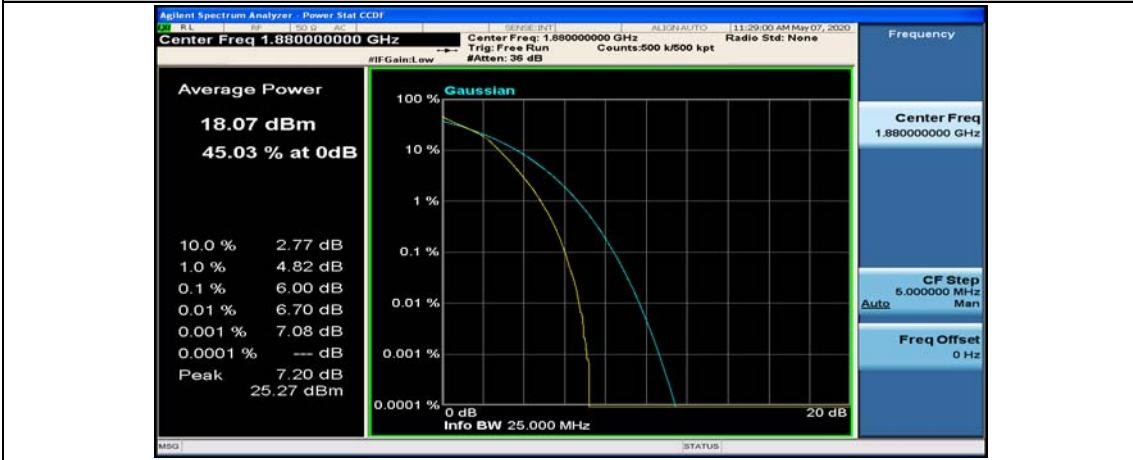
Channel Bandwidth: 10 MHz\_MCH\_16QAM\_25RB#12



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



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



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



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



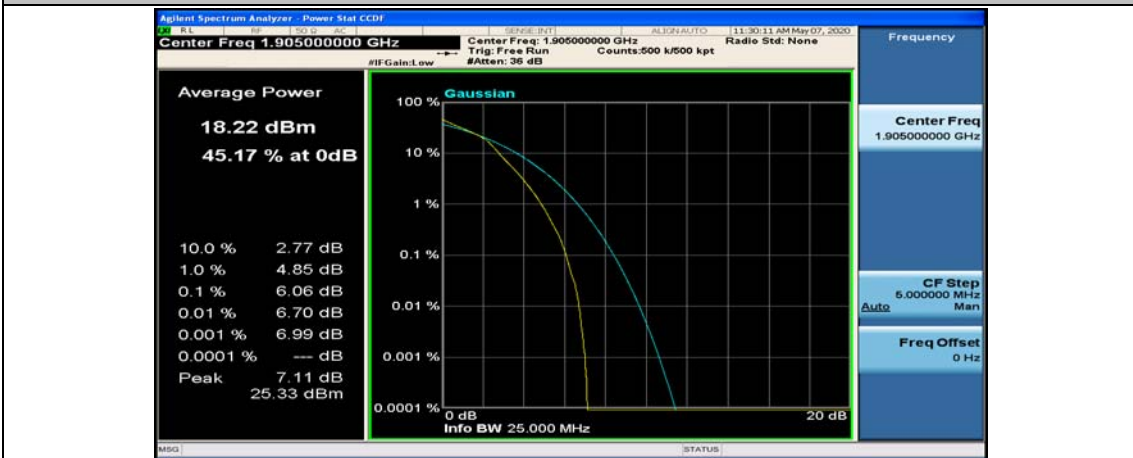
Channel Bandwidth: 10 MHz\_HCH\_16QAM\_1RB#49



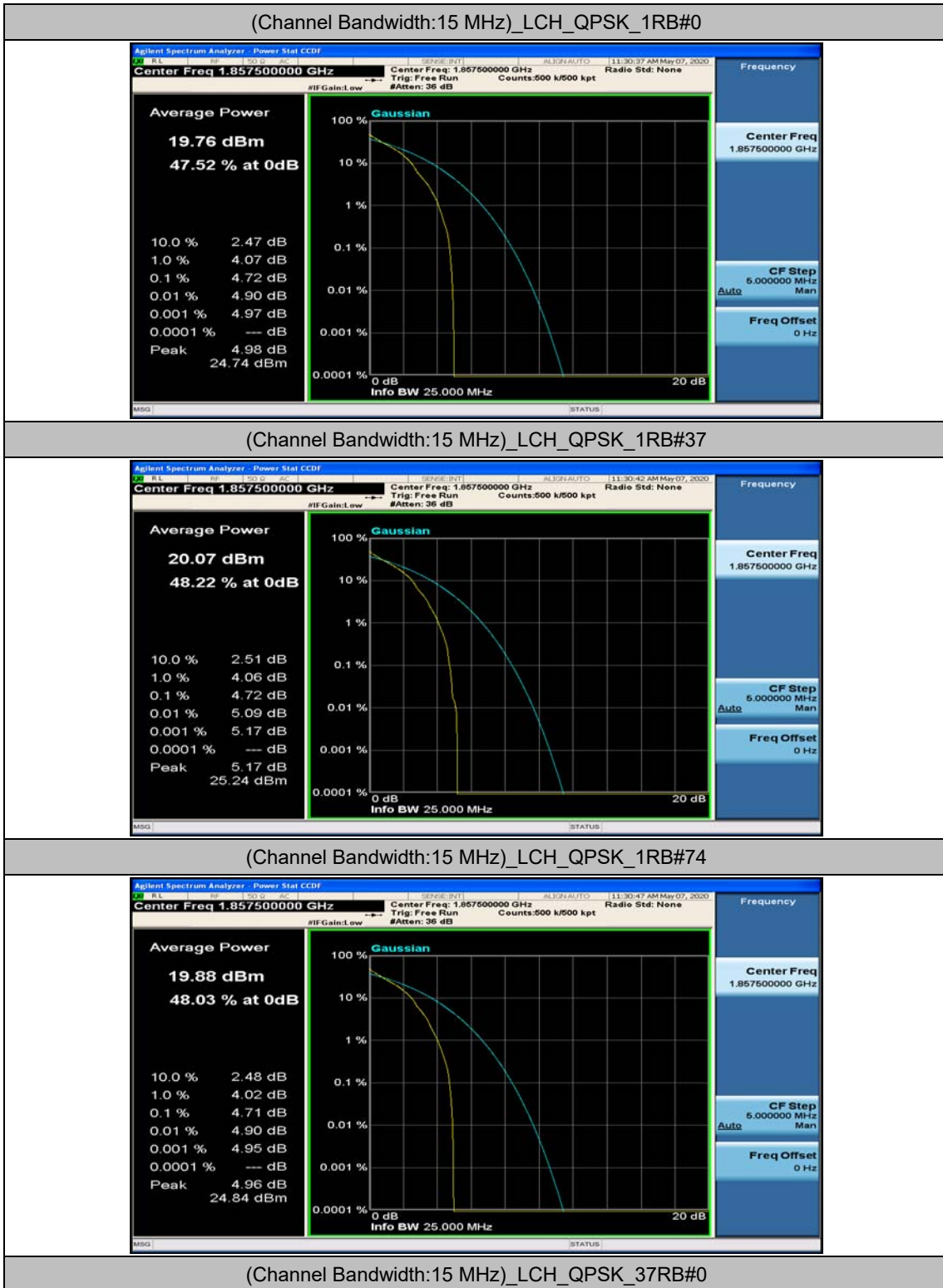
Channel Bandwidth: 10 MHz\_HCH\_16QAM\_25RB#0



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



**Channel Bandwidth: 15 MHz**





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



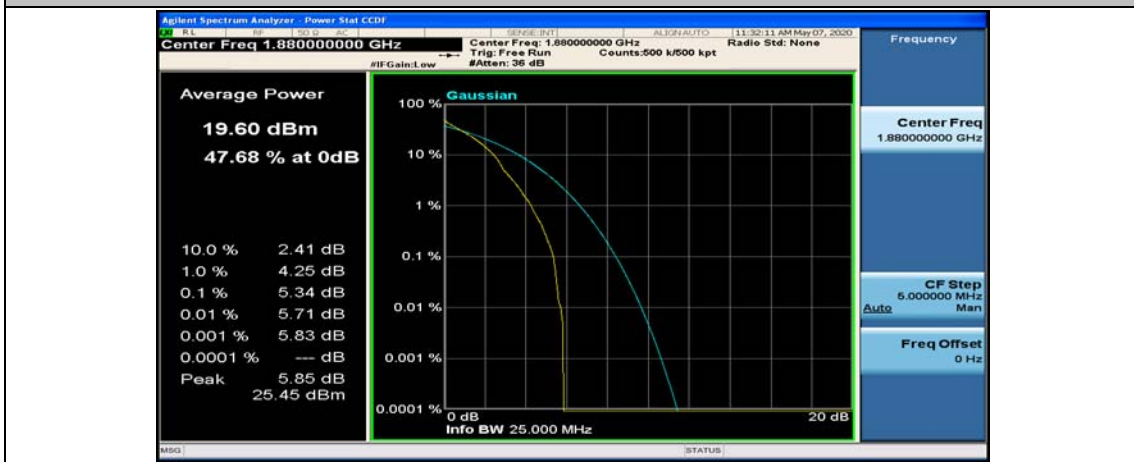
(Channel Bandwidth:15 MHz)\_LCH\_QPSK\_37RB#38



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



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



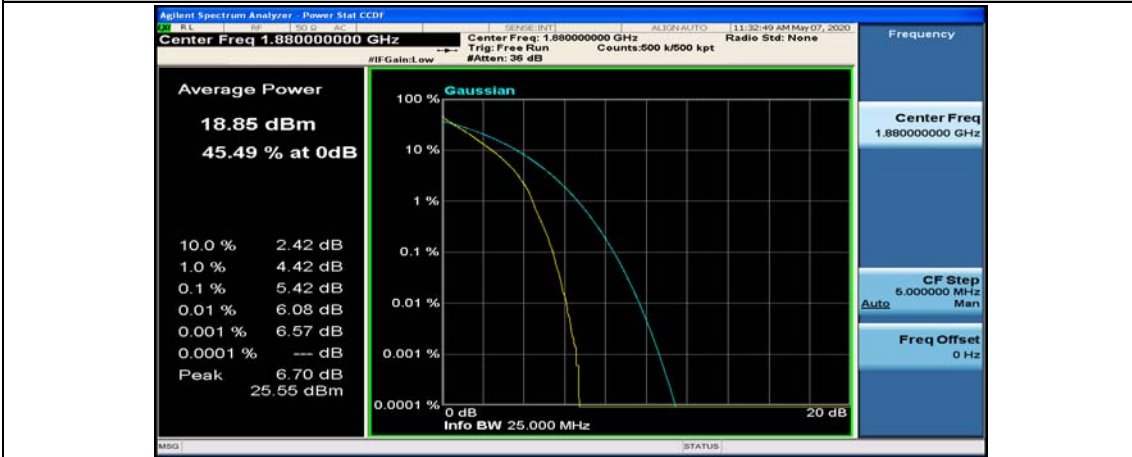
(Channel Bandwidth:15 MHz)\_MCH\_QPSK\_1RB#37



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



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

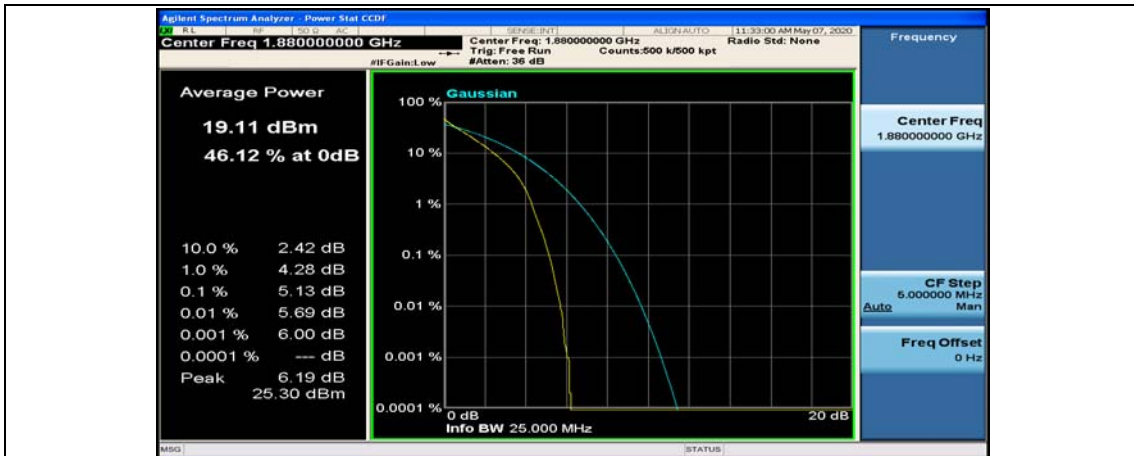


(Channel Bandwidth:15 MHz)\_MCH\_QPSK\_37RB#18

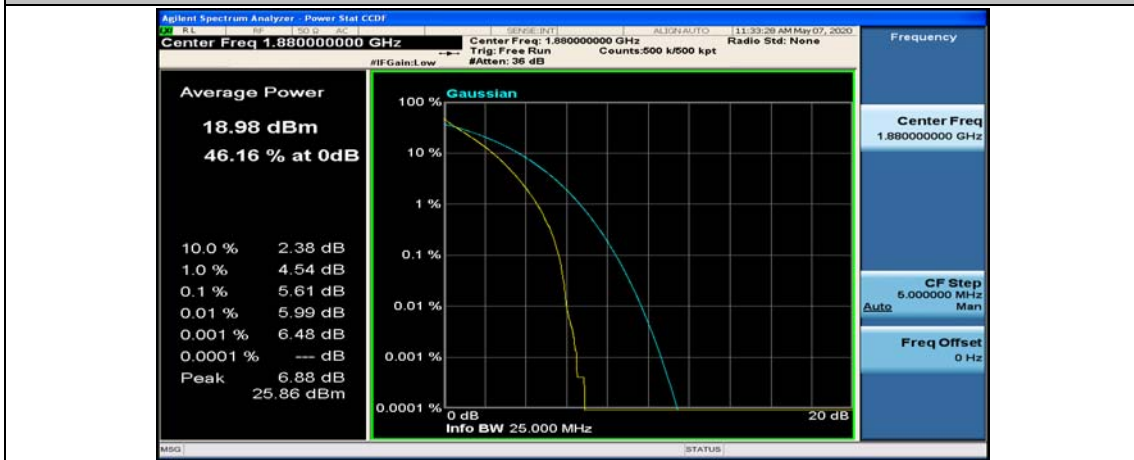


(Channel Bandwidth:15 MHz)\_MCH\_QPSK\_37RB#38

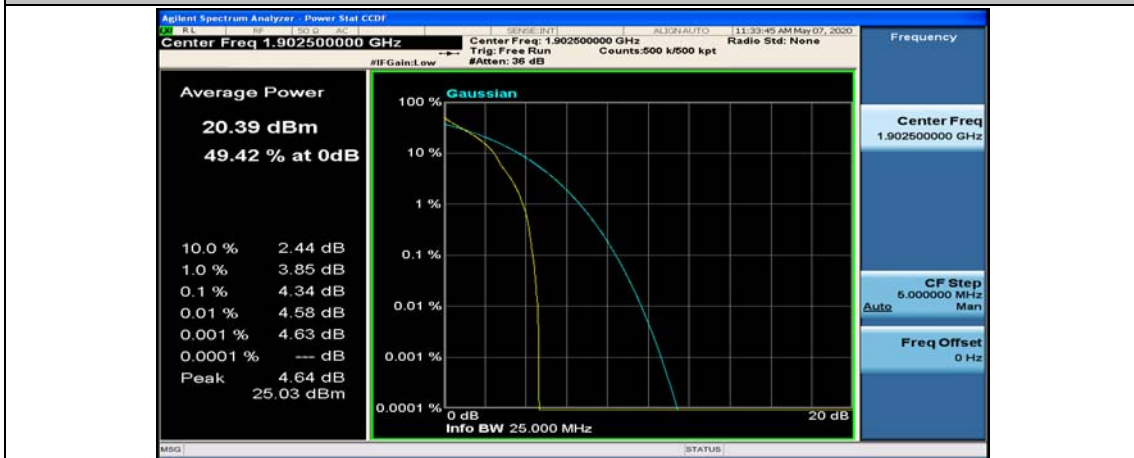




(Channel Bandwidth:15 MHz)\_MCH\_QPSK\_75RB#0



(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



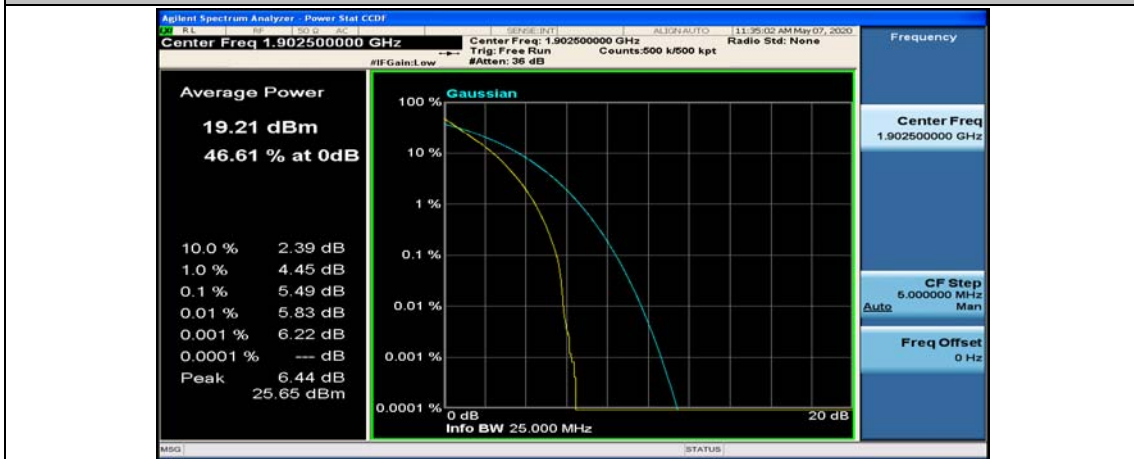
(Channel Bandwidth:15 MHz)\_HCH\_QPSK\_37RB#18



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



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

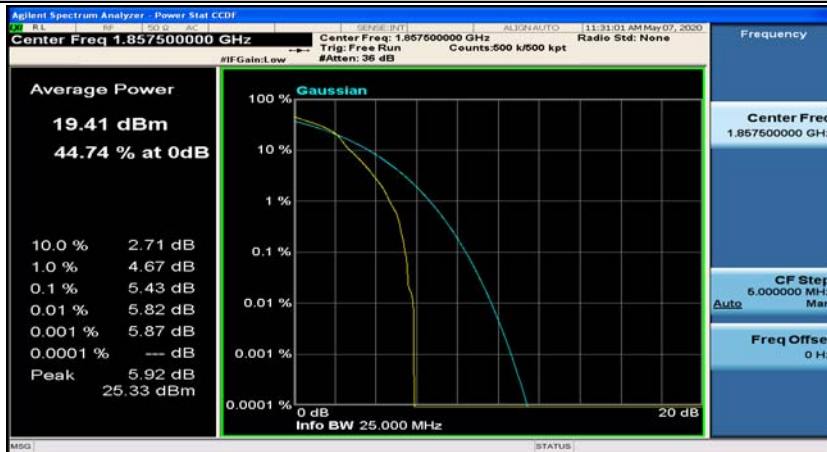




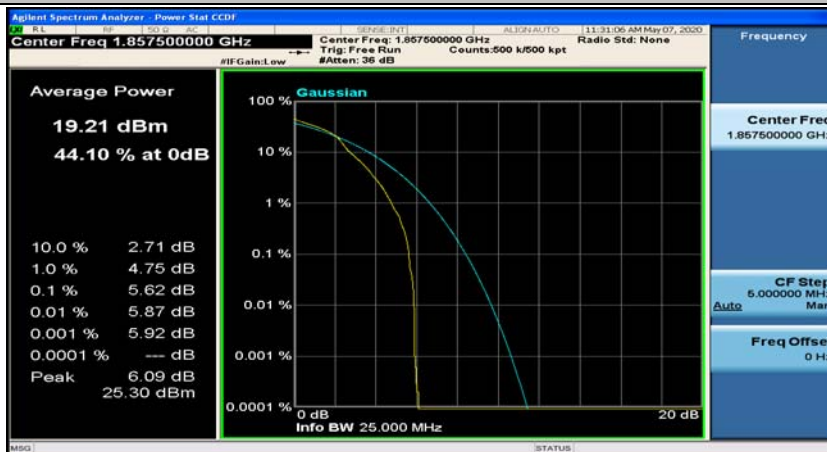
(Channel Bandwidth:15 MHz)\_LCH\_16QAM\_1RB#0



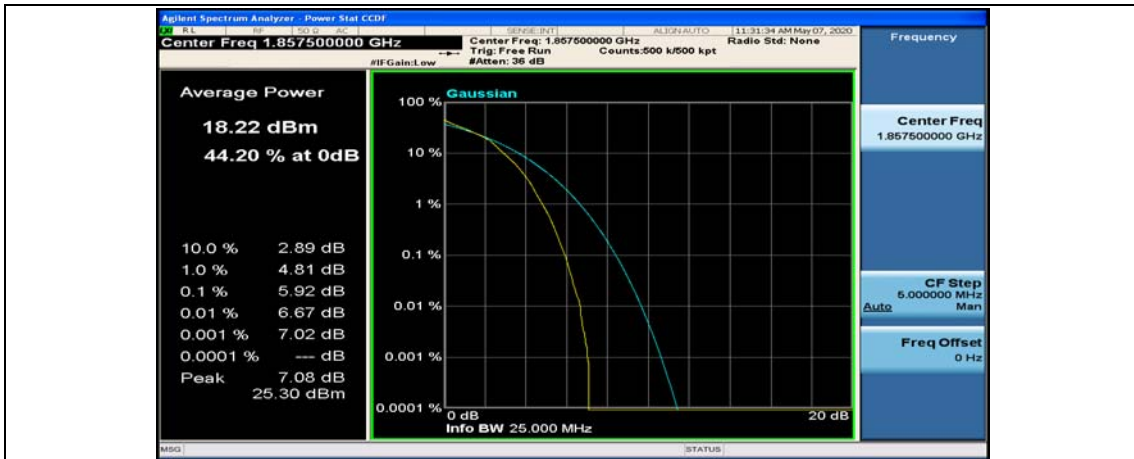
(Channel Bandwidth:15 MHz)\_LCH\_16QAM\_1RB#37



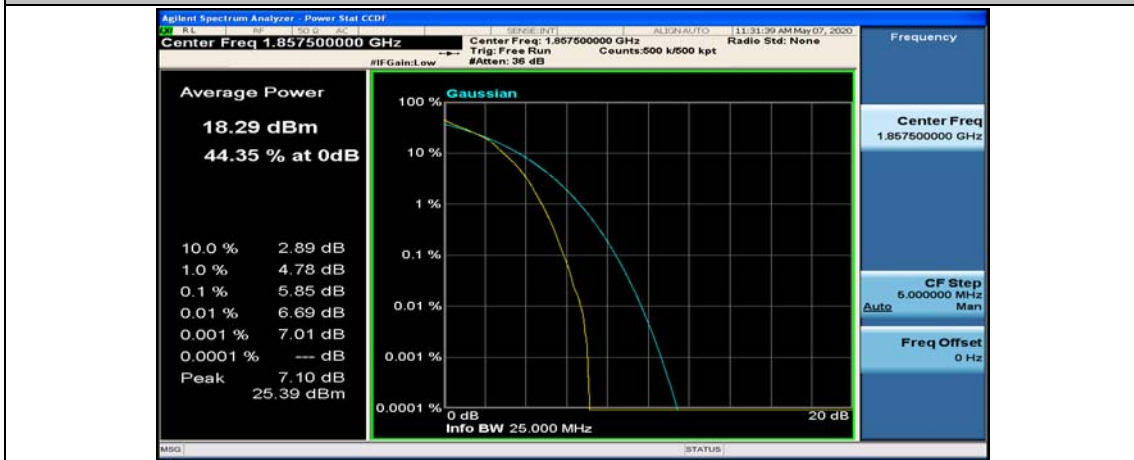
(Channel Bandwidth:15 MHz)\_LCH\_16QAM\_1RB#74



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



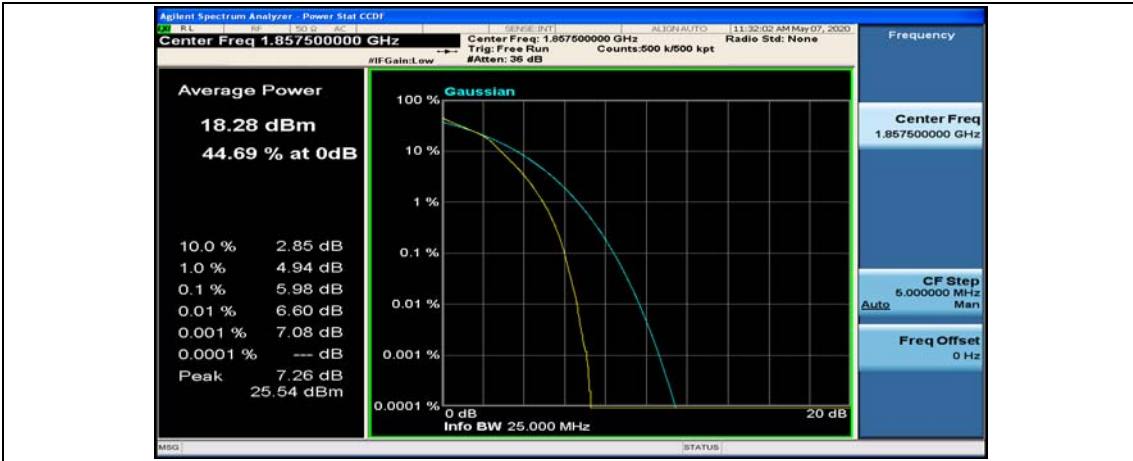
(Channel Bandwidth:15 MHz)\_LCH\_16QAM\_37RB#18



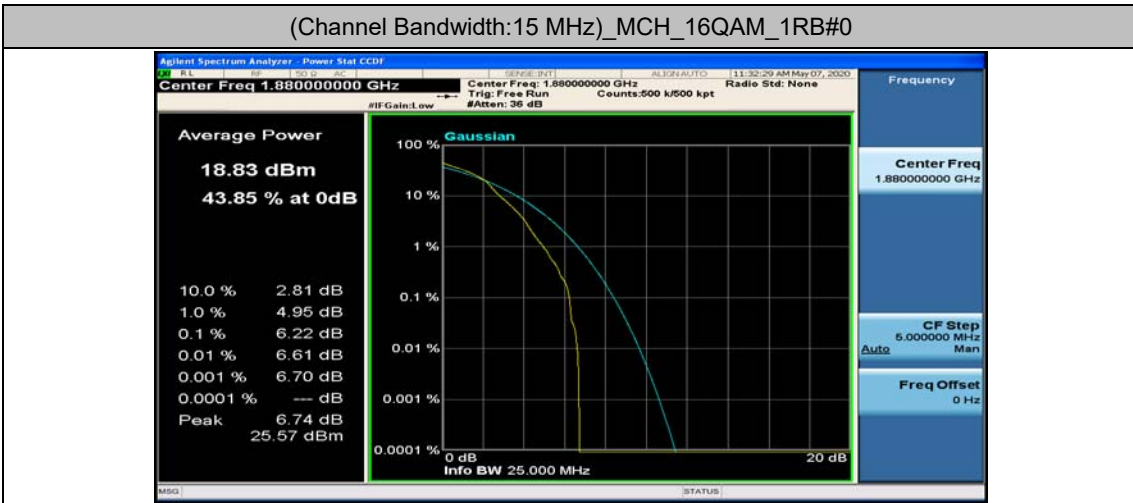
(Channel Bandwidth:15 MHz)\_LCH\_16QAM\_37RB#38



(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



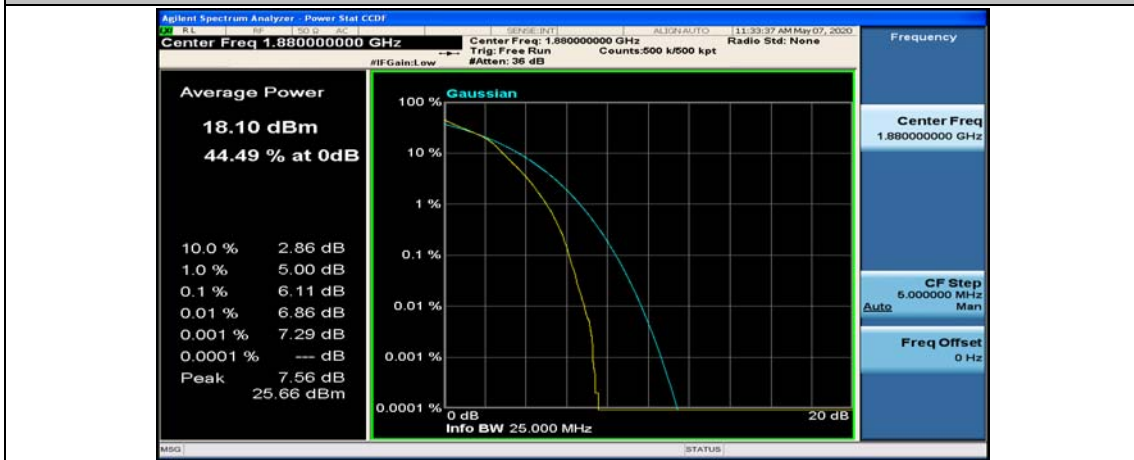
(Channel Bandwidth:15 MHz)\_MCH\_16QAM\_37RB#18



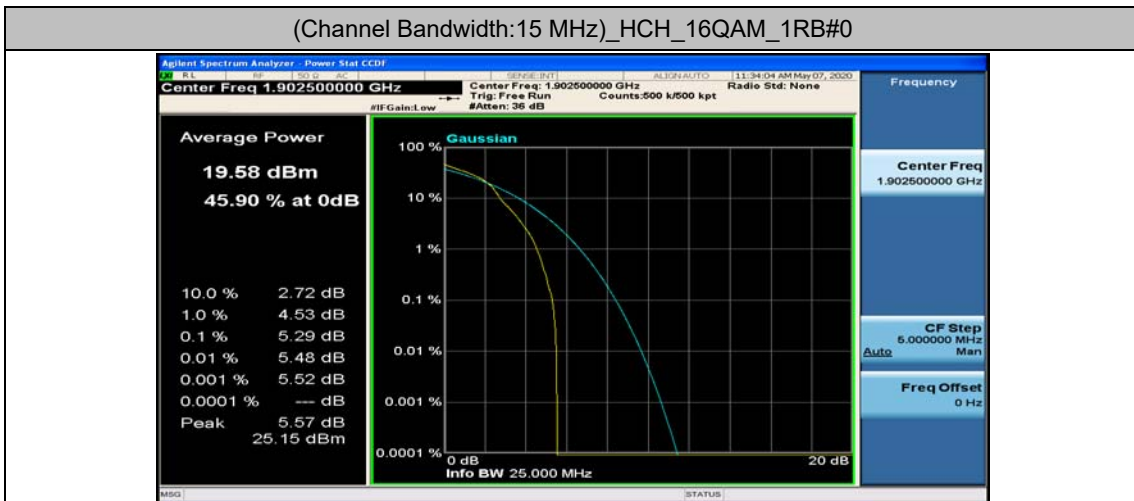
(Channel Bandwidth:15 MHz)\_MCH\_16QAM\_37RB#38



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



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

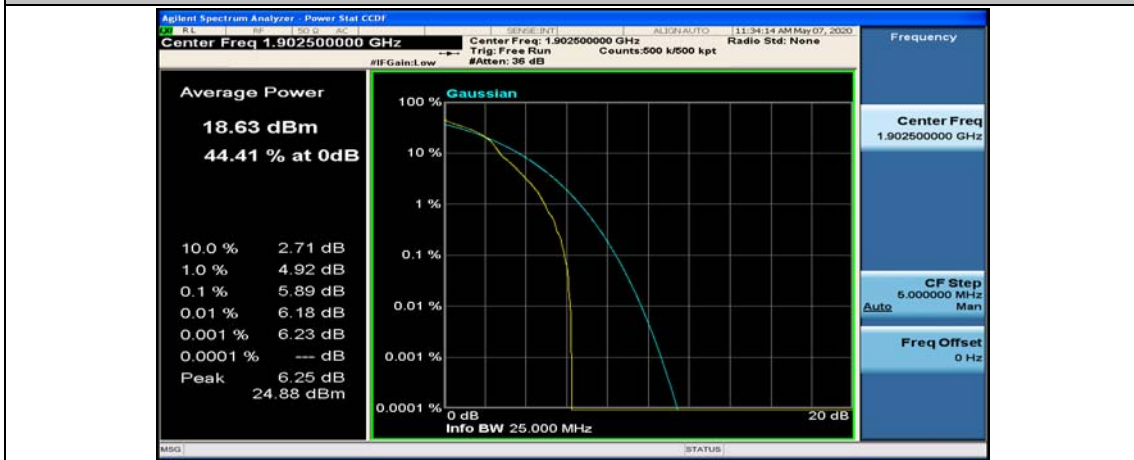


(Channel Bandwidth: 15 MHz)\_HCH\_16QAM\_1RB#37





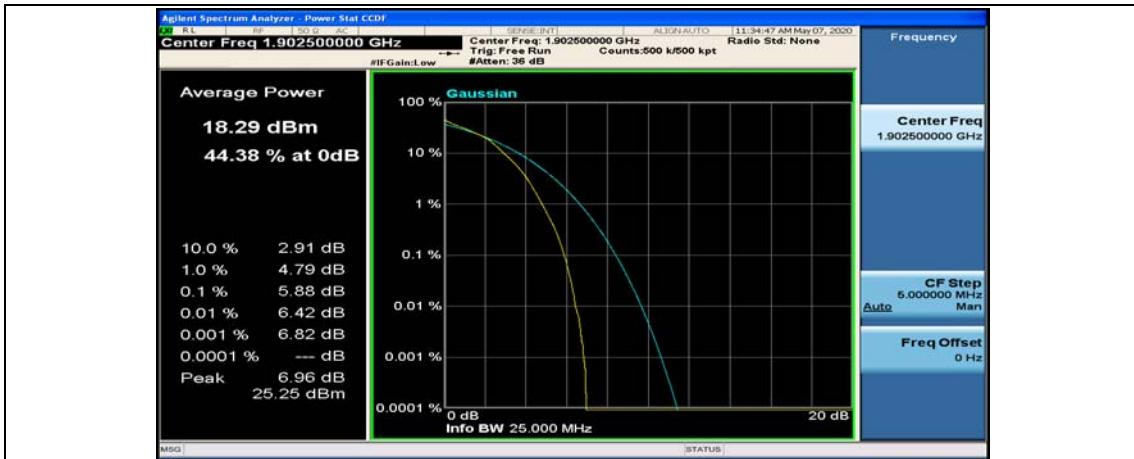
(Channel Bandwidth:15 MHz)\_HCH\_16QAM\_1RB#74



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



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



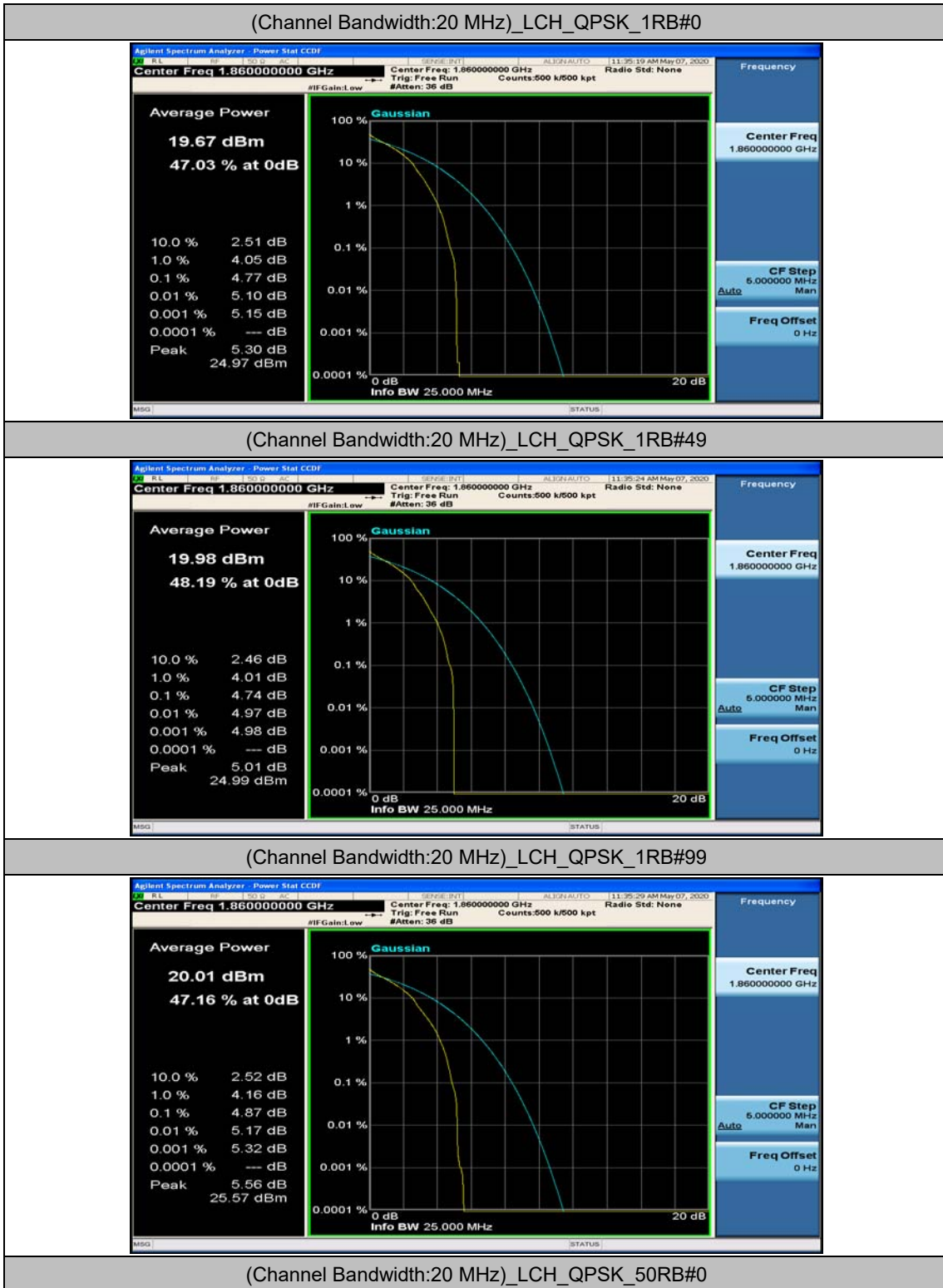
(Channel Bandwidth:15 MHz)\_HCH\_16QAM\_37RB#38

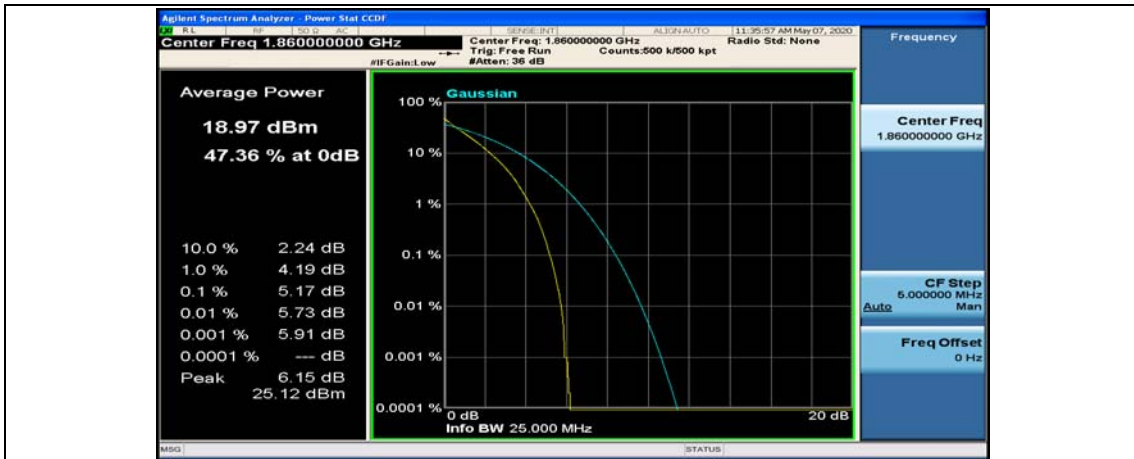


(Channel Bandwidth:15 MHz)\_HCH\_16QAM\_75RB#0



**Channel Bandwidth: 20 MHz**





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



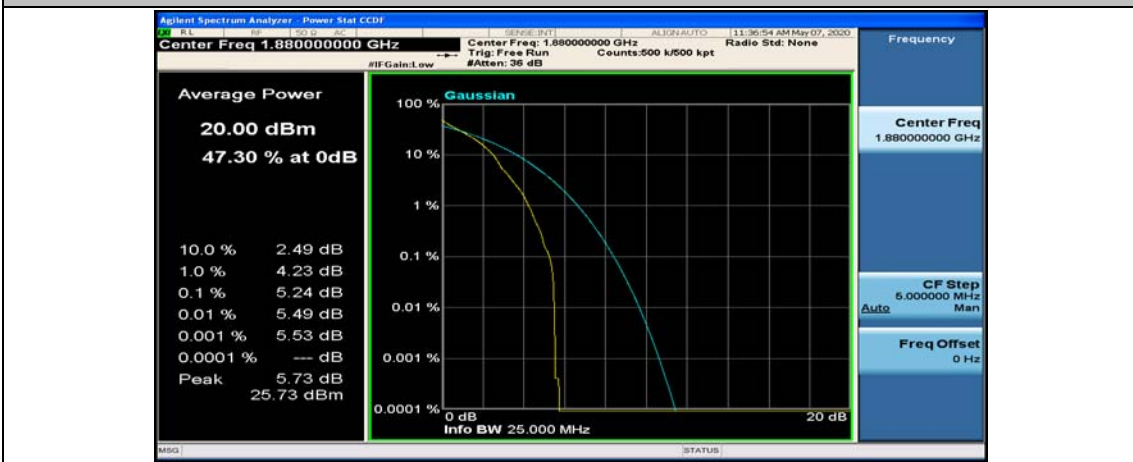
(Channel Bandwidth:20 MHz)\_LCH\_QPSK\_50RB#50



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



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



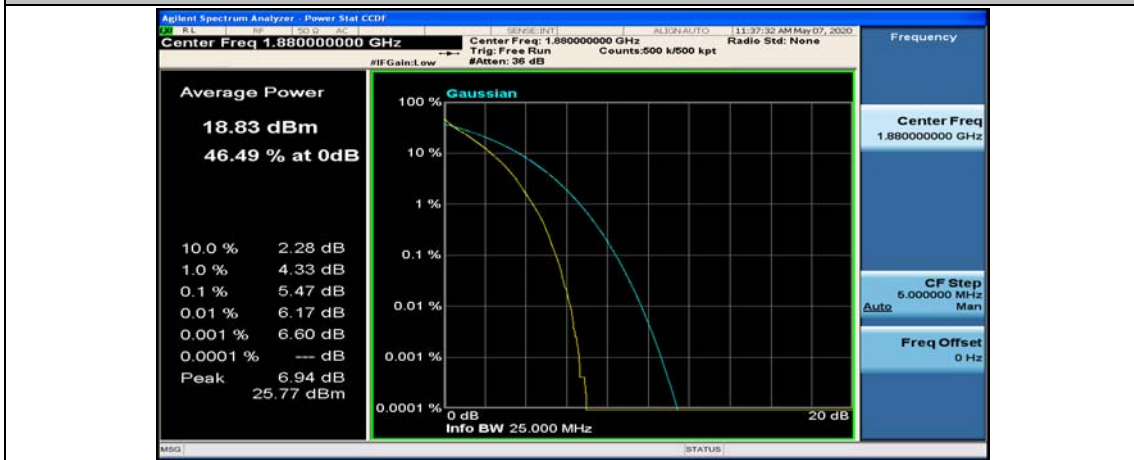
(Channel Bandwidth:20 MHz)\_MCH\_QPSK\_1RB#49



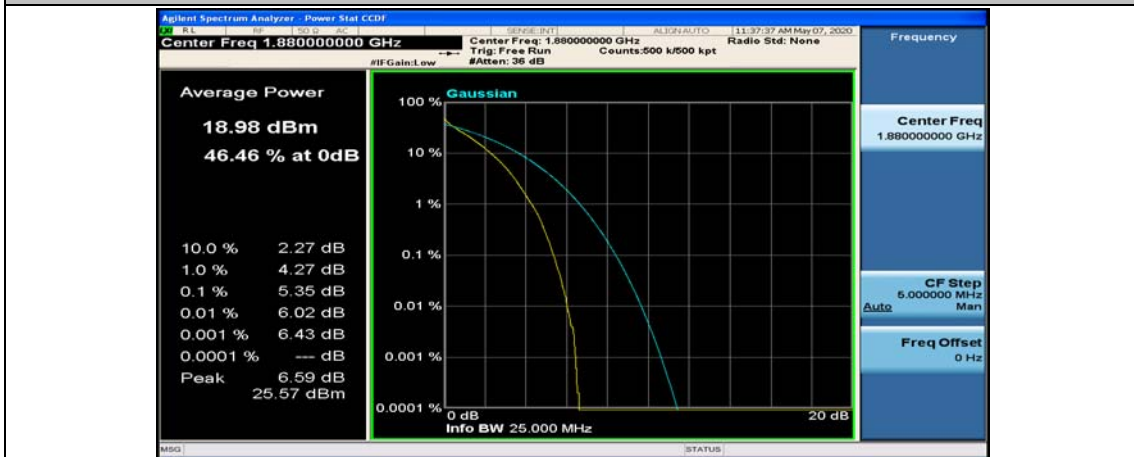
(Channel Bandwidth:20 MHz)\_MCH\_QPSK\_1RB#99



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



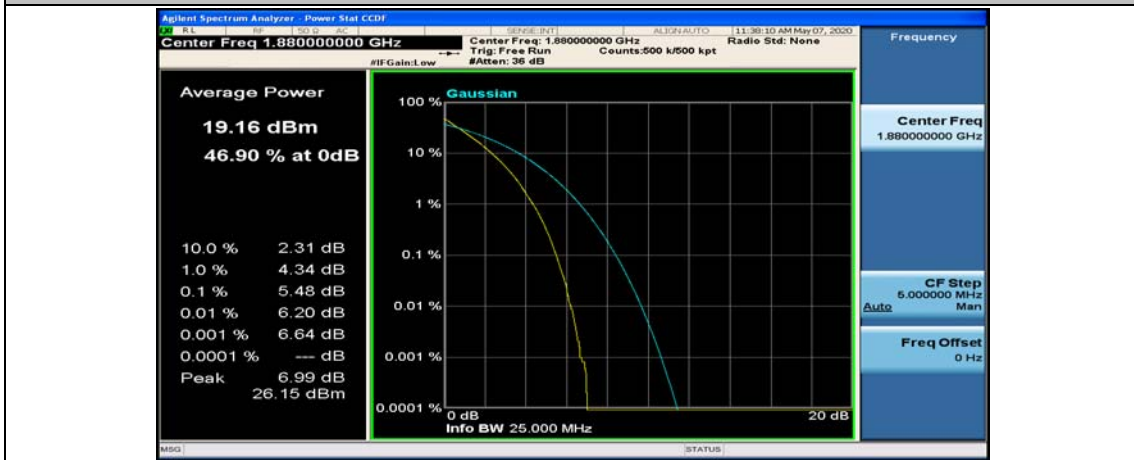
(Channel Bandwidth:20 MHz)\_MCH\_QPSK\_50RB#25



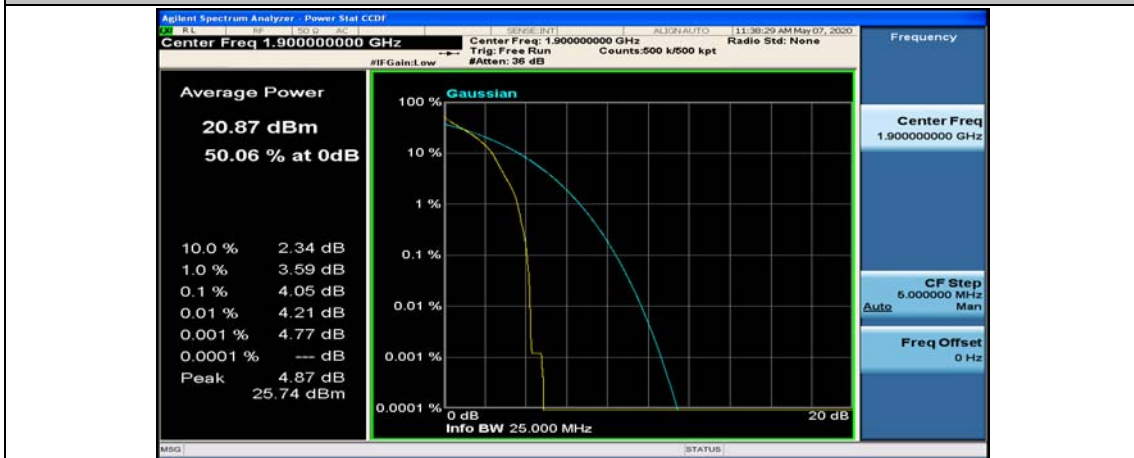
(Channel Bandwidth:20 MHz)\_MCH\_QPSK\_50RB#50



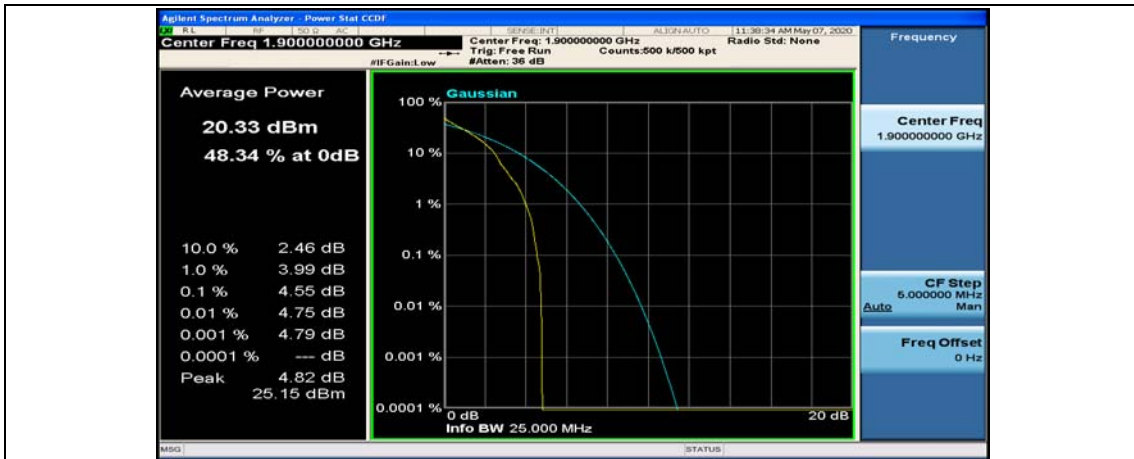
(Channel Bandwidth:20 MHz)\_MCH\_QPSK\_100RB#0



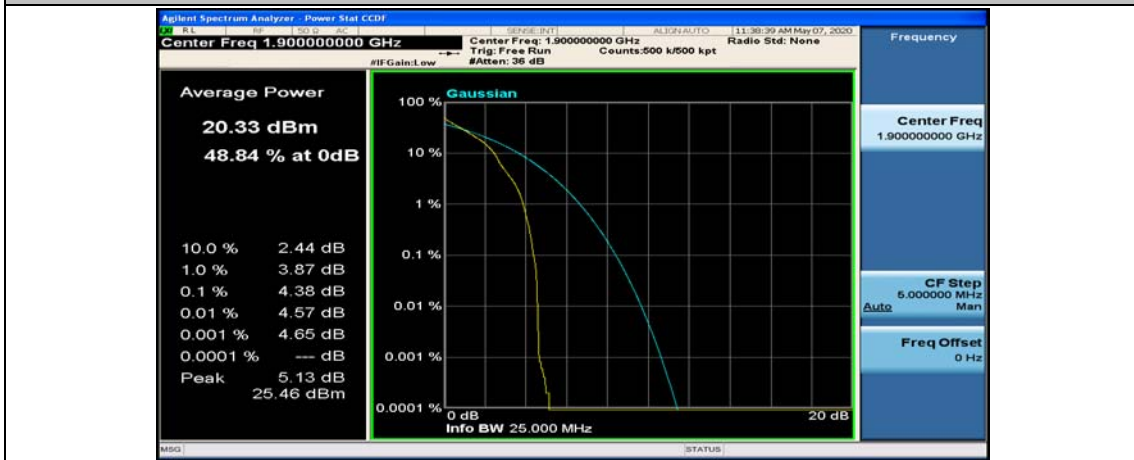
(Channel Bandwidth:20 MHz)\_HCH\_QPSK\_1RB#0



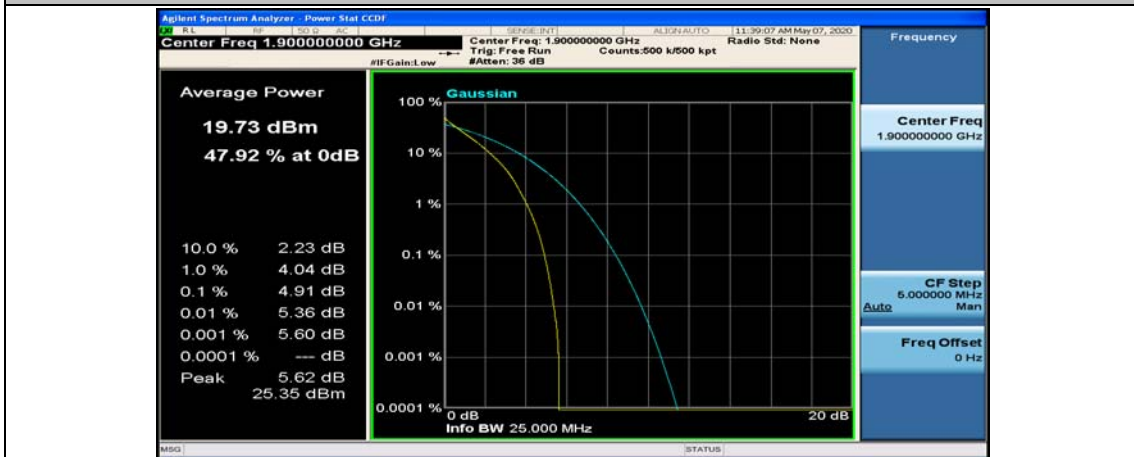
(Channel Bandwidth:20 MHz)\_HCH\_QPSK\_1RB#49



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



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

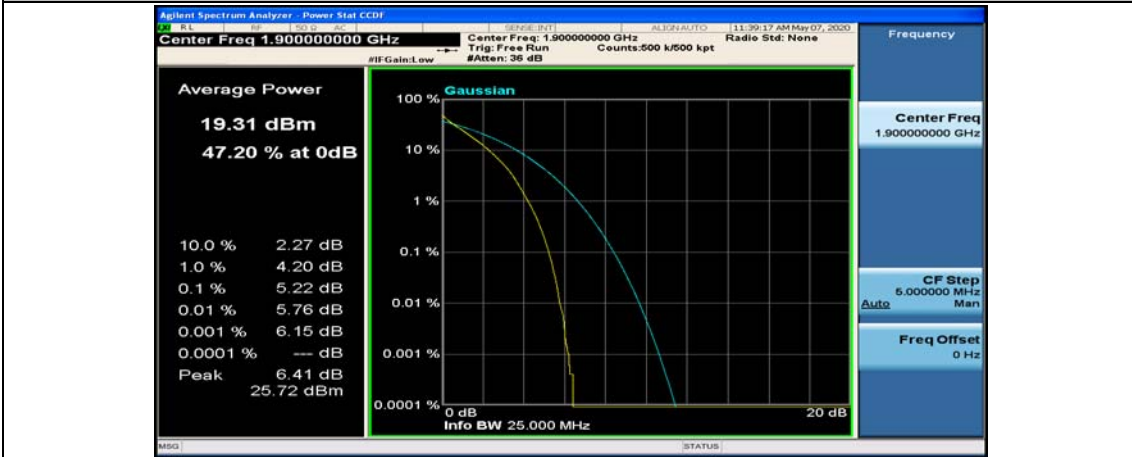


(Channel Bandwidth:20 MHz)\_HCH\_QPSK\_50RB#25





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

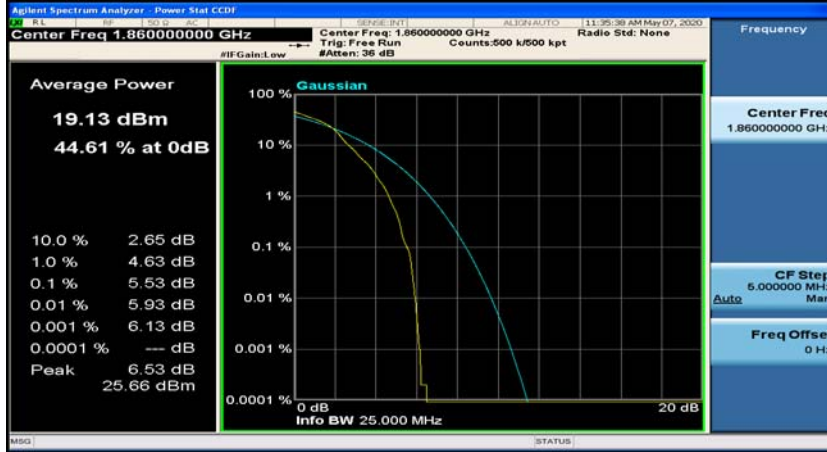


(Channel Bandwidth:20 MHz)\_HCH\_QPSK\_100RB#0





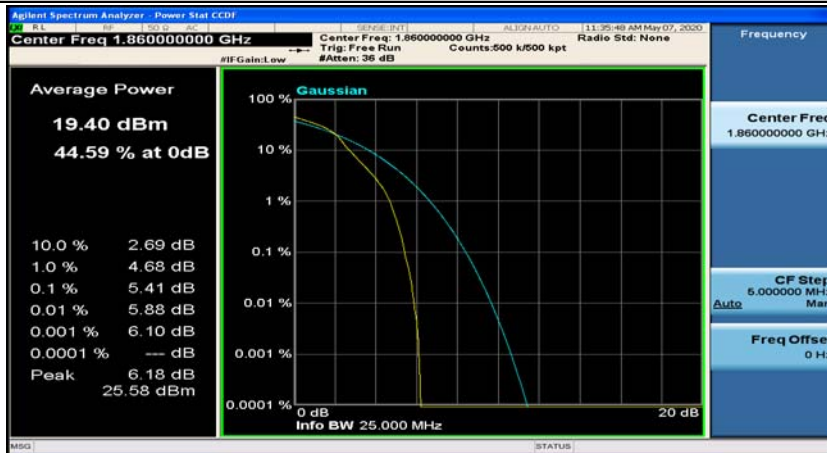
(Channel Bandwidth:20 MHz)\_LCH\_16QAM\_1RB#0



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



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



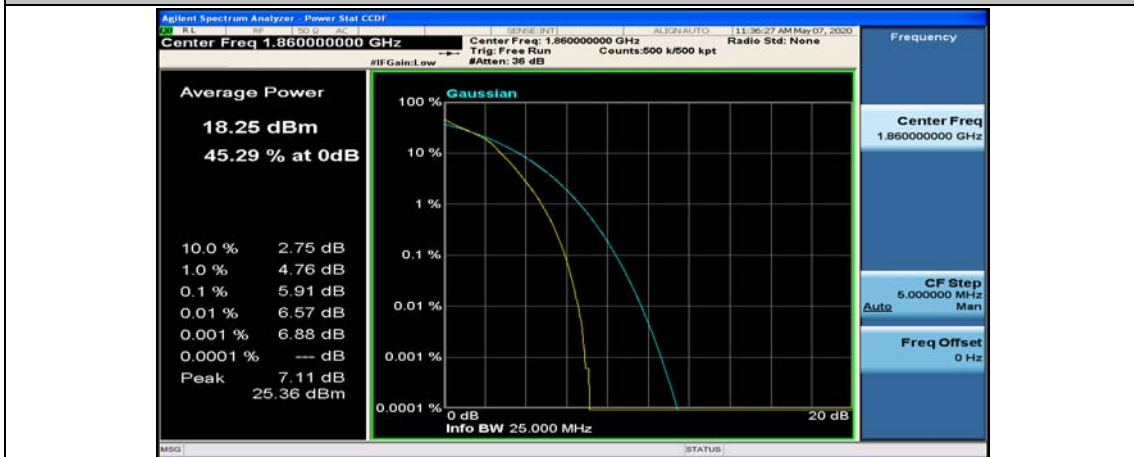
(Channel Bandwidth:20 MHz)\_LCH\_16QAM\_50RB#0



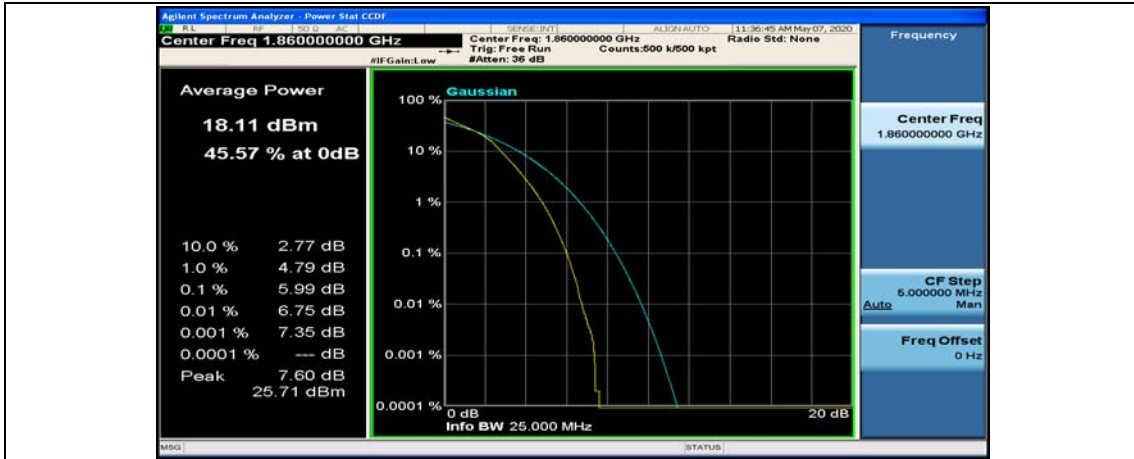
(Channel Bandwidth:20 MHz)\_LCH\_16QAM\_50RB#25



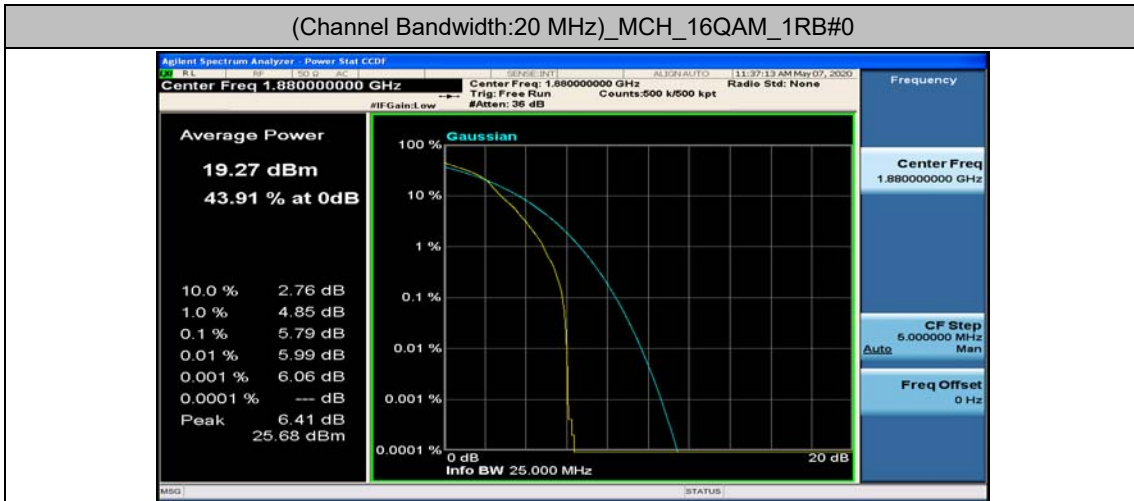
(Channel Bandwidth:20 MHz)\_LCH\_16QAM\_50RB#50



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



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



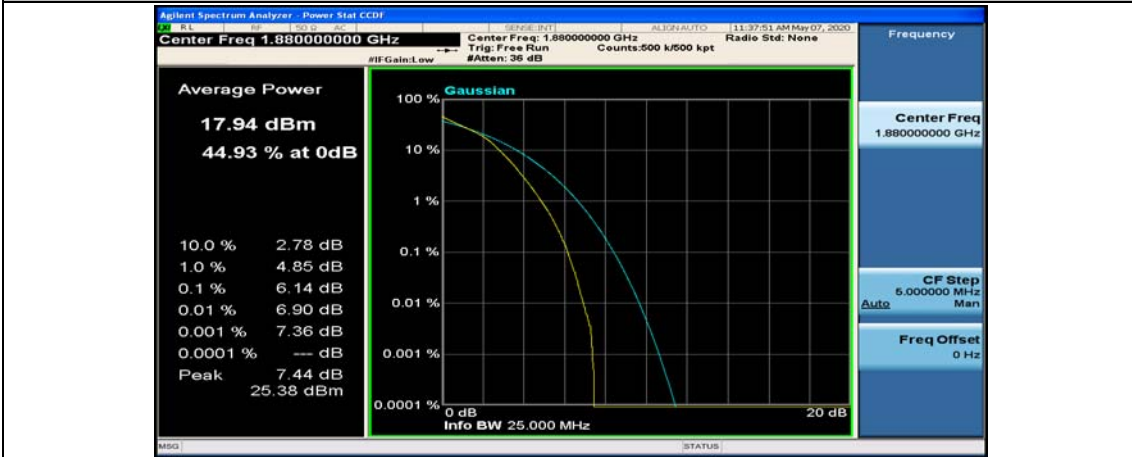
(Channel Bandwidth:20 MHz)\_MCH\_16QAM\_1RB#49



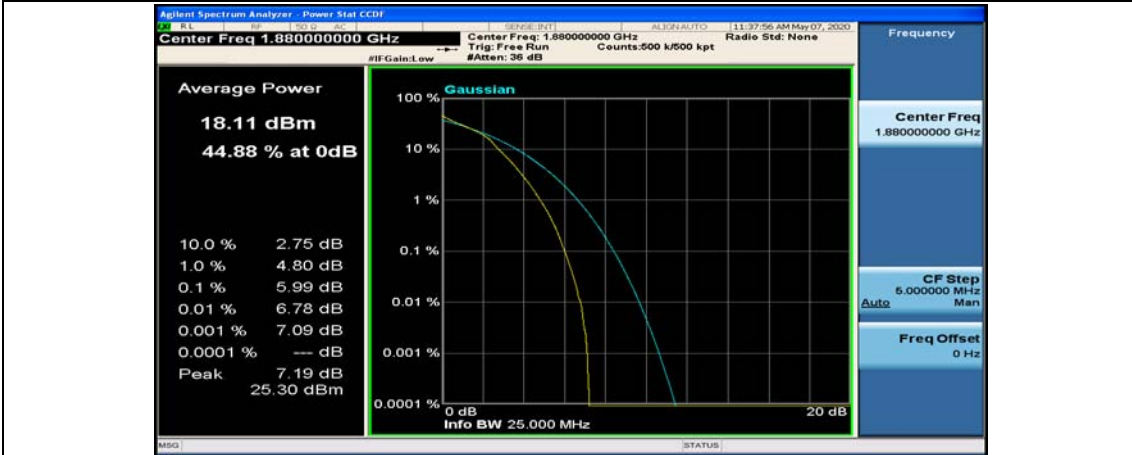
(Channel Bandwidth:20 MHz)\_MCH\_16QAM\_1RB#99



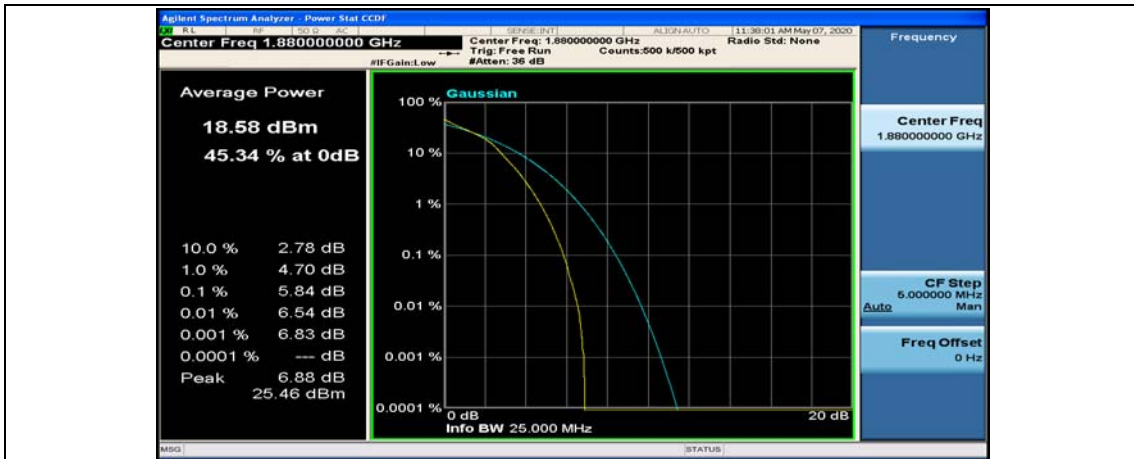
(Channel Bandwidth:20 MHz)\_MCH\_16QAM\_50RB#0



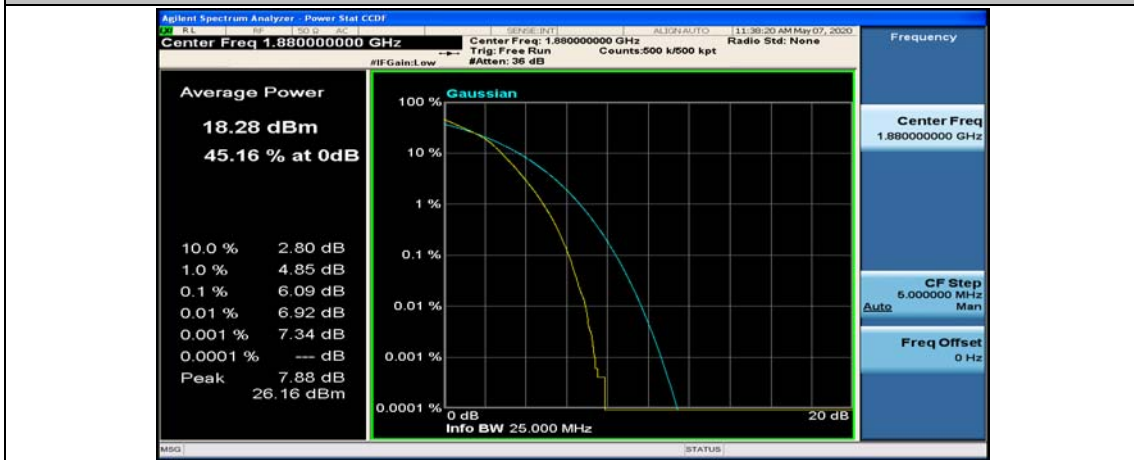
(Channel Bandwidth:20 MHz)\_MCH\_16QAM\_50RB#25



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



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



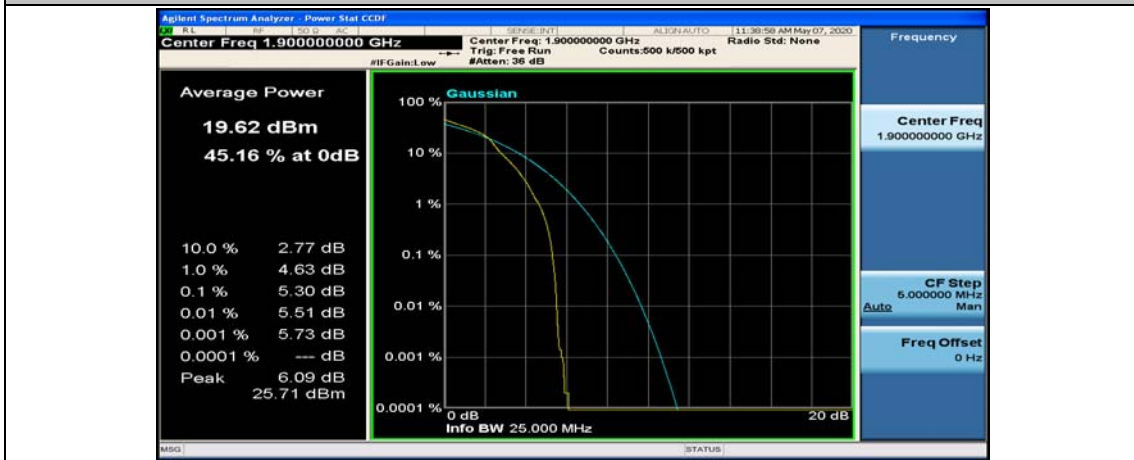
(Channel Bandwidth:20 MHz)\_HCH\_16QAM\_1RB#0



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



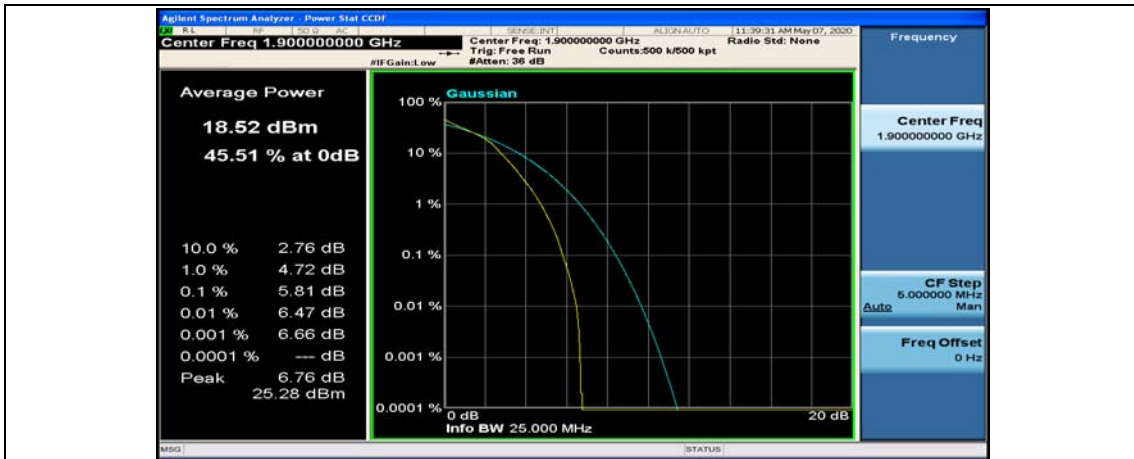
(Channel Bandwidth:20 MHz)\_HCH\_16QAM\_1RB#99



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



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



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



(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	1.0774	1.242	PASS
	MCH	6	0	1.0762	1.211	PASS
	HCH	6	0	1.0787	1.225	PASS
16QAM	LCH	6	0	1.0797	1.222	PASS
	MCH	6	0	1.0779	1.217	PASS
	HCH	6	0	1.0769	1.312	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	2.6905	2.983	PASS
	MCH	15	0	2.6889	2.970	PASS
	HCH	15	0	2.6840	2.960	PASS
16QAM	LCH	15	0	2.6846	2.963	PASS
	MCH	15	0	2.6933	3.019	PASS
	HCH	15	0	2.6818	2.981	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	4.4698	4.888	PASS
	MCH	25	0	4.4673	4.868	PASS
	HCH	25	0	4.4676	4.844	PASS
16QAM	LCH	25	0	4.4785	4.818	PASS
	MCH	25	0	4.4759	4.800	PASS
	HCH	25	0	4.4624	4.822	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	8.9344	9.491	PASS
	MCH	50	0	8.9517	9.577	PASS
	HCH	50	0	8.9471	9.574	PASS
16QAM	LCH	50	0	8.9344	9.509	PASS
	MCH	50	0	8.9365	9.630	PASS
	HCH	50	0	8.9599	9.574	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	13.381	14.04	PASS
	MCH	75	0	13.381	14.16	PASS
	HCH	75	0	13.399	14.08	PASS
16QAM	LCH	75	0	13.403	14.12	PASS
	MCH	75	0	13.387	14.12	PASS
	HCH	75	0	13.411	14.25	PASS

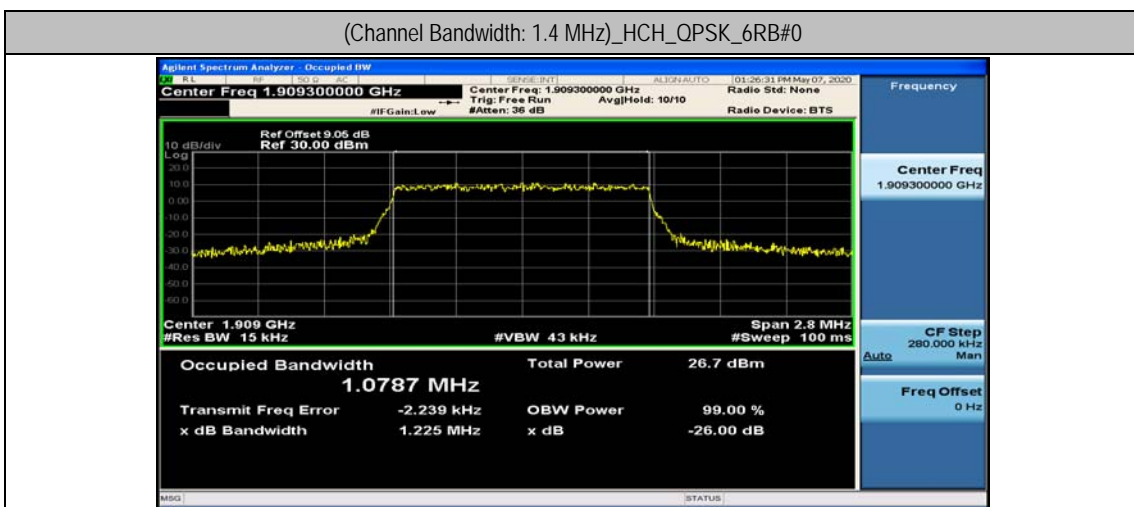
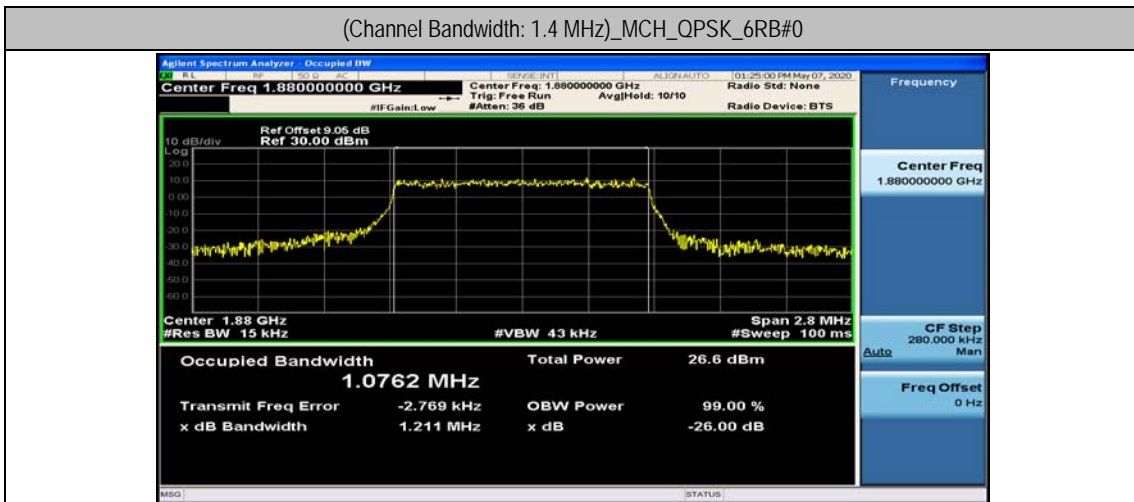
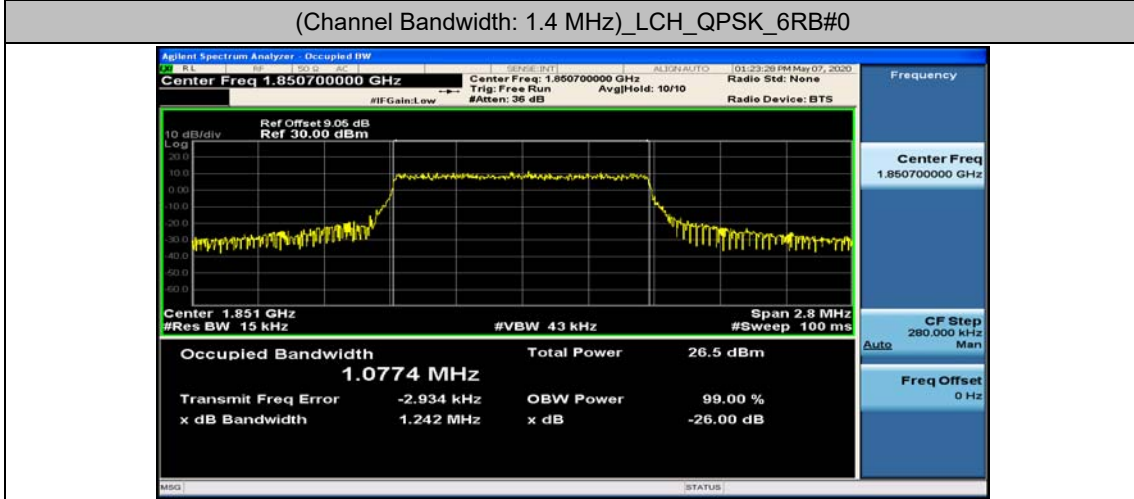
**Channel Bandwidth: 20 MHz**

Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	100	0	17.867	18.73	PASS
	MCH	100	0	17.887	18.79	PASS
	HCH	100	0	17.891	18.78	PASS
16QAM	LCH	100	0	17.875	18.71	PASS
	MCH	100	0	17.888	18.83	PASS
	HCH	100	0	17.890	18.75	PASS



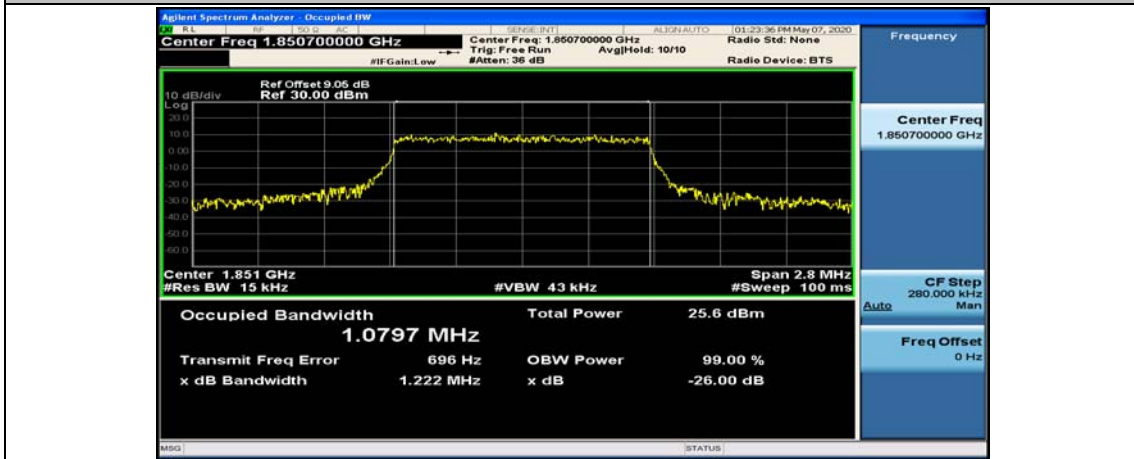
## Test Graphs

### Channel Bandwidth: 1.4 MHz

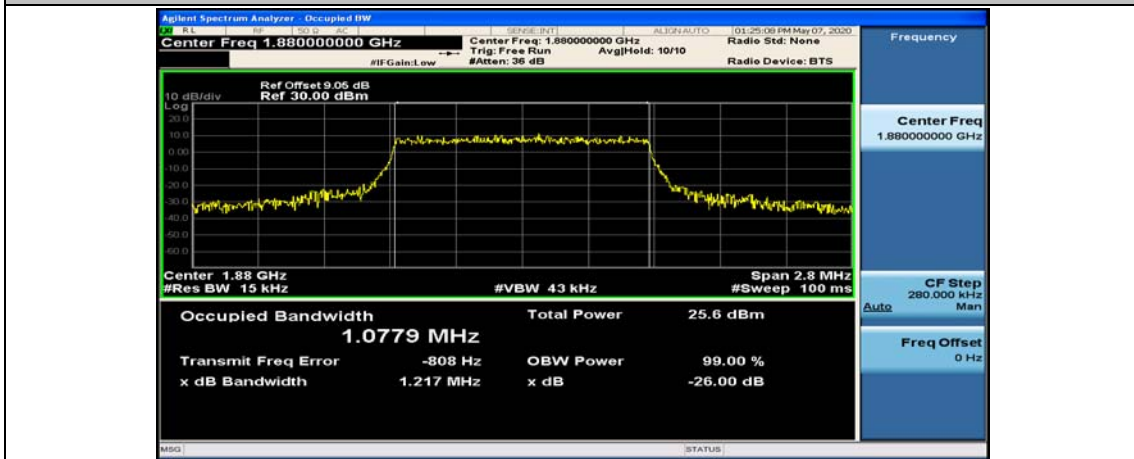




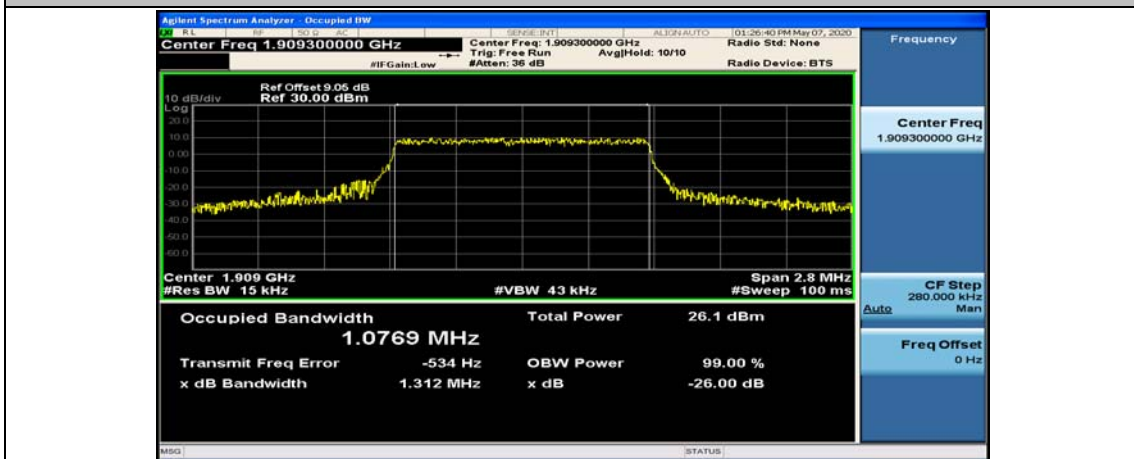
(Channel Bandwidth: 1.4 MHz)\_LCH\_16QAM\_6RB#0



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

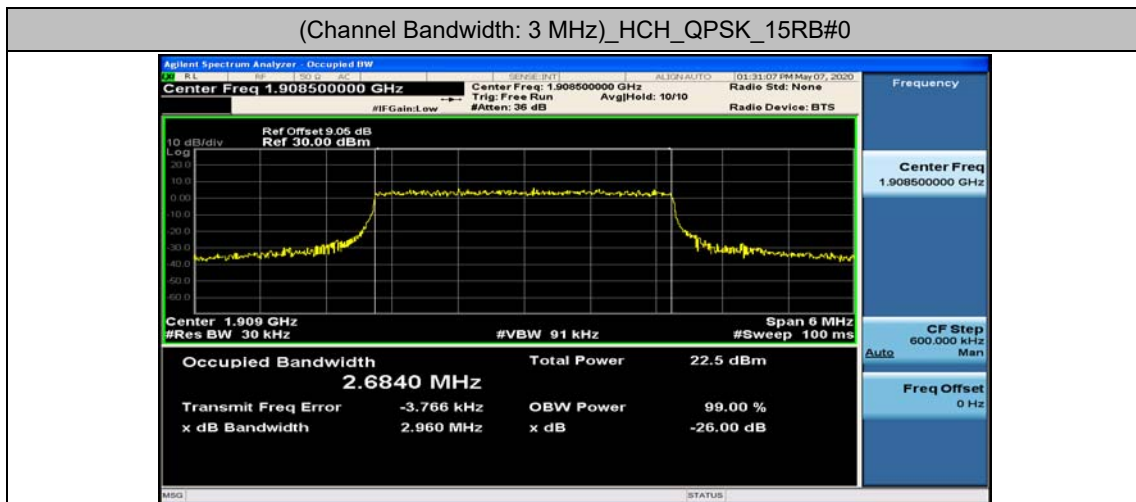
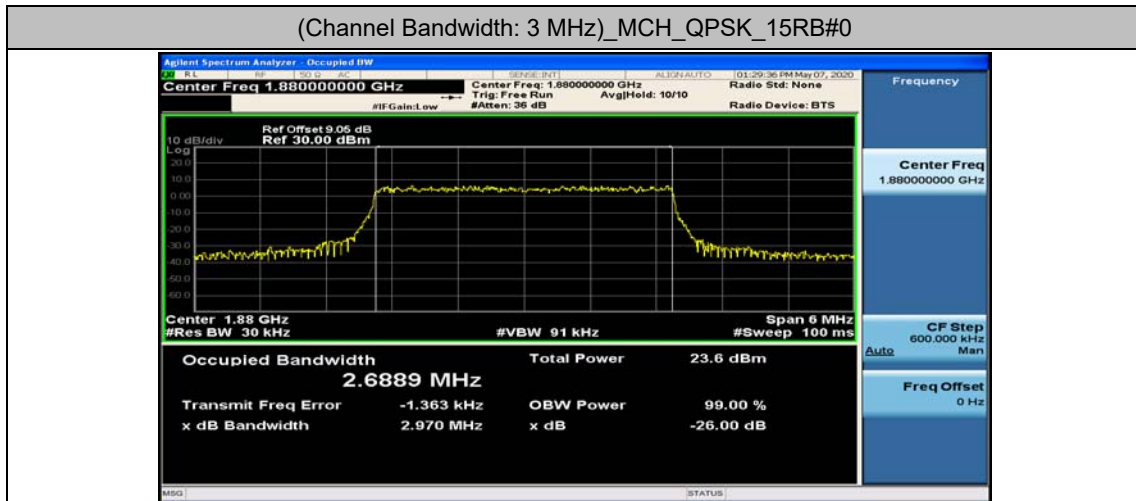
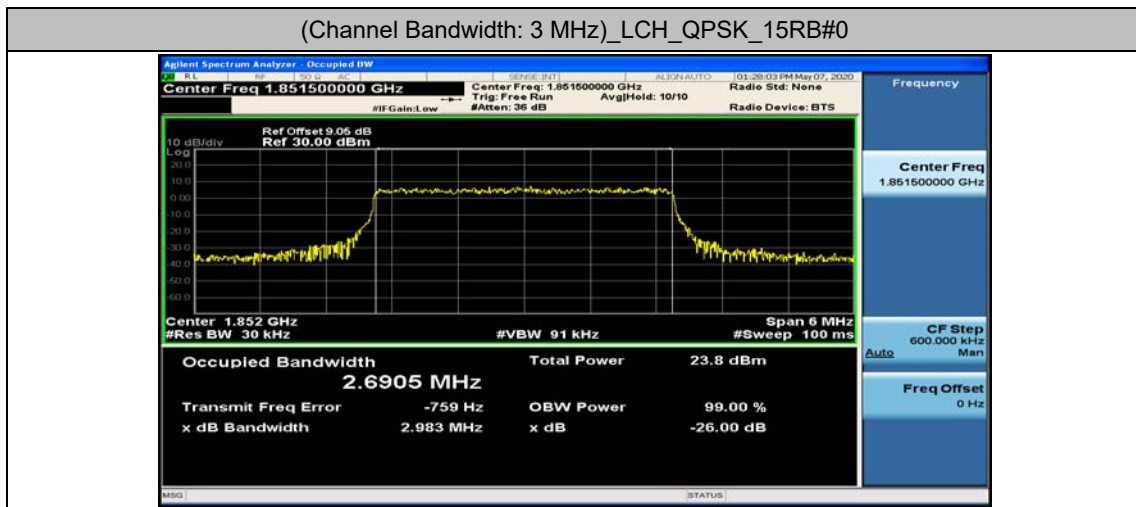


(Channel Bandwidth: 1.4 MHz)\_HCH\_16QAM\_6RB#0





### Channel Bandwidth: 3 MHz

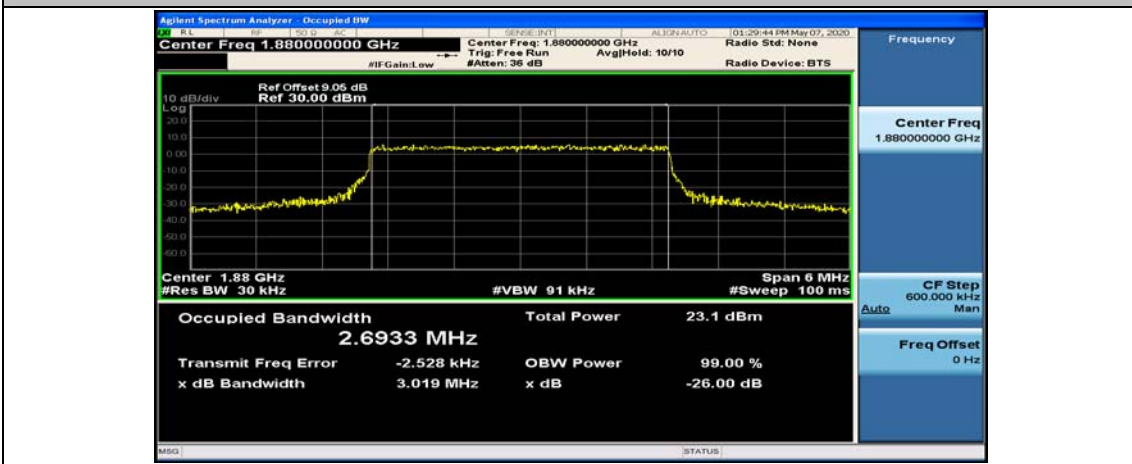




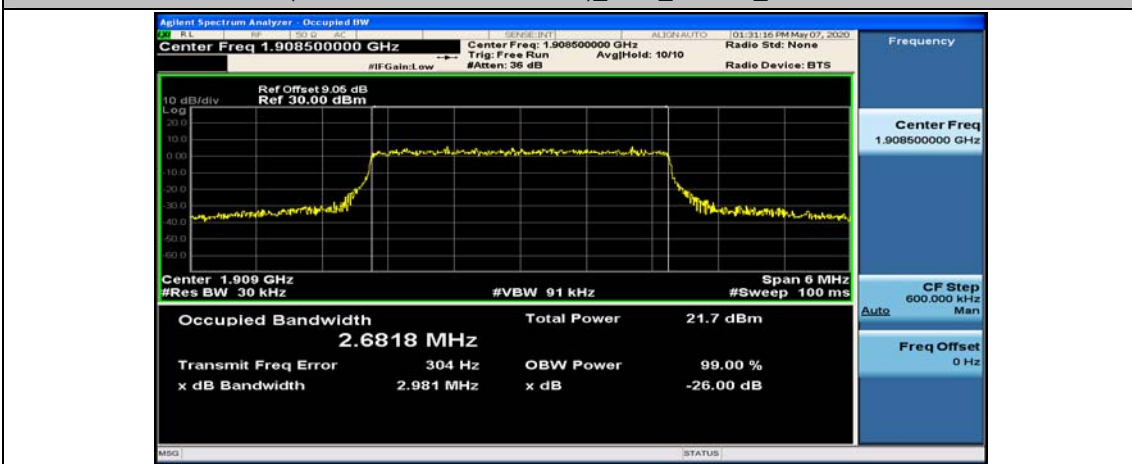
(Channel Bandwidth: 3 MHz)\_LCH\_16QAM\_15RB#0



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



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



**Channel Bandwidth: 5 MHz**

