(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#50
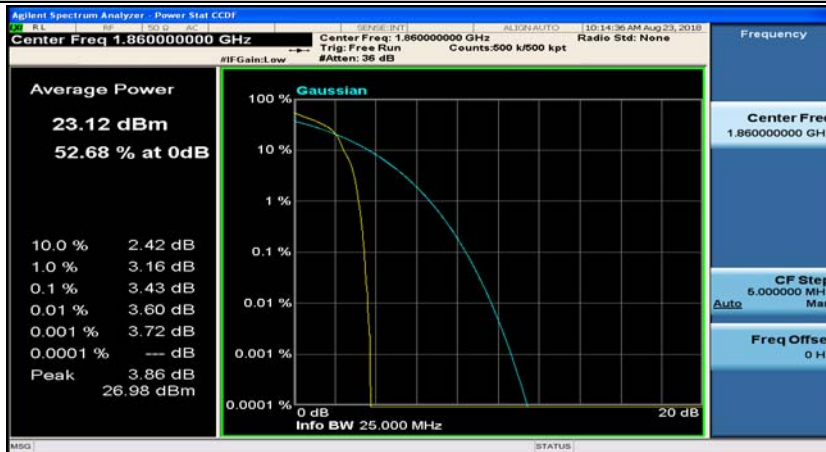

(Channel Bandwidth:20 MHz)_HCH_QPSK_100RB#0
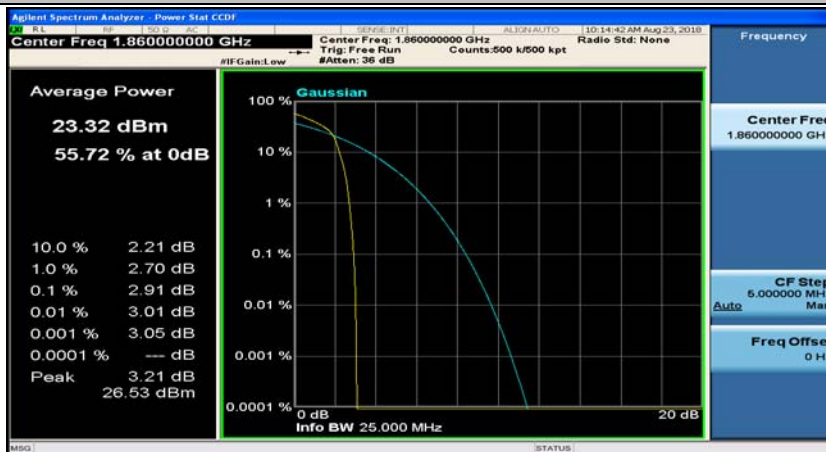
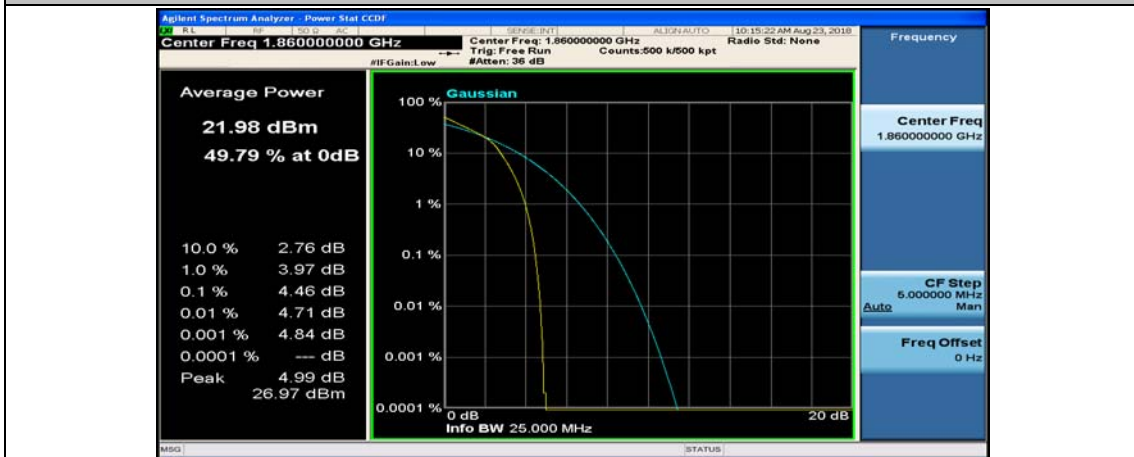| (Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#0 |
|---|
| |
| (Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#49 |
| |
| (Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#99 |
| |
| (Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#0 |

(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

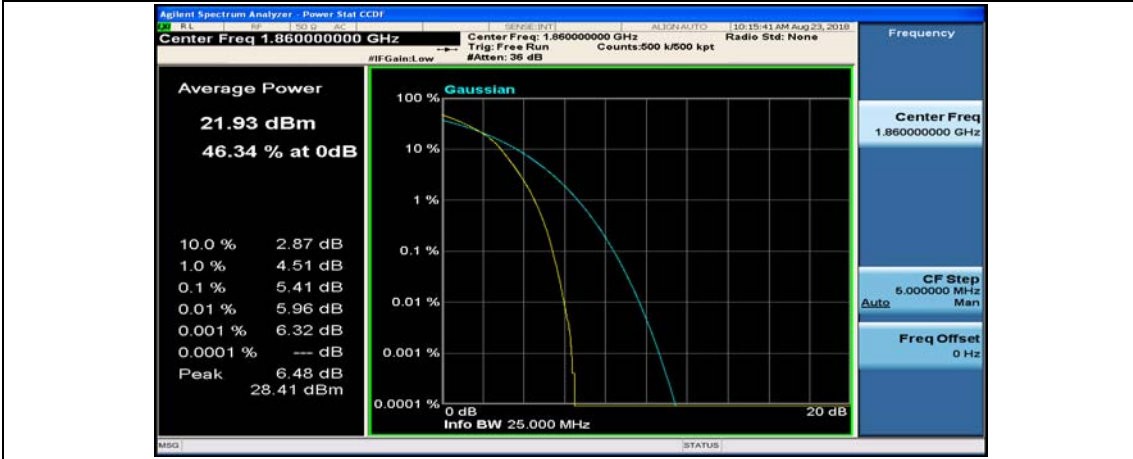(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#0

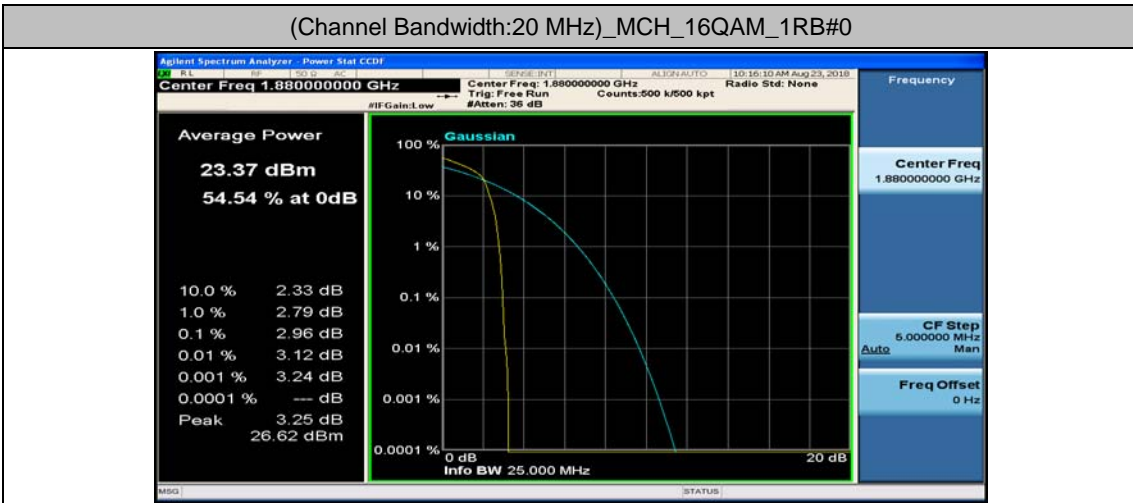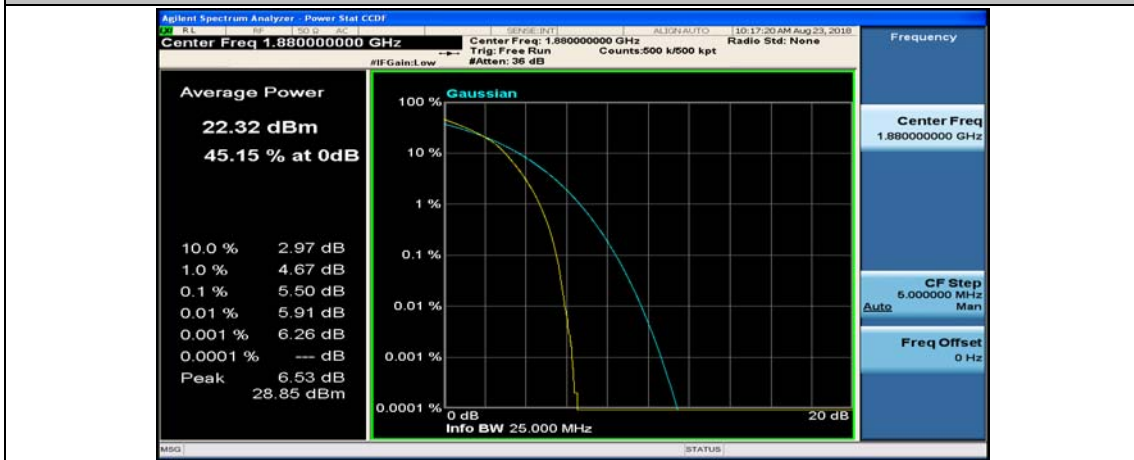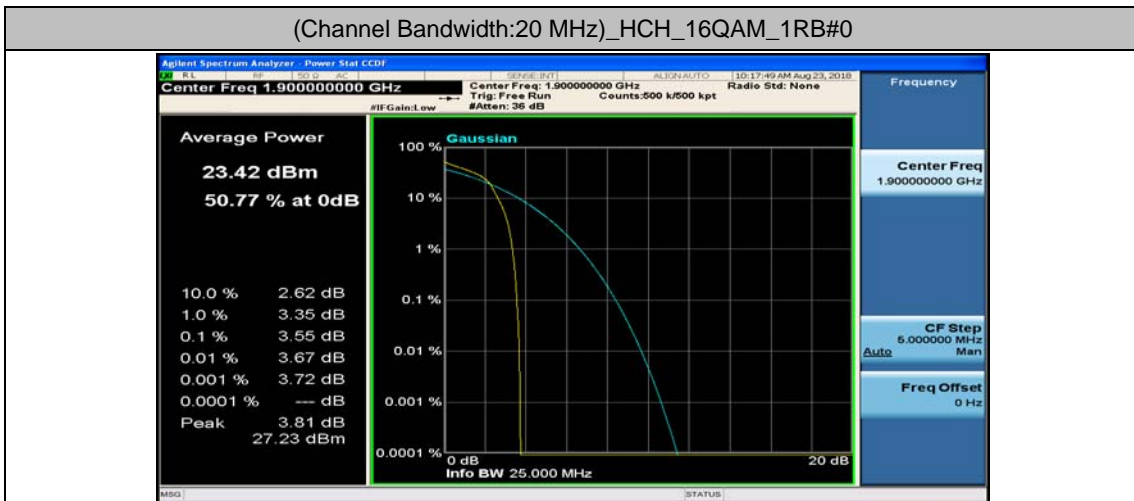(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#25

(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#50

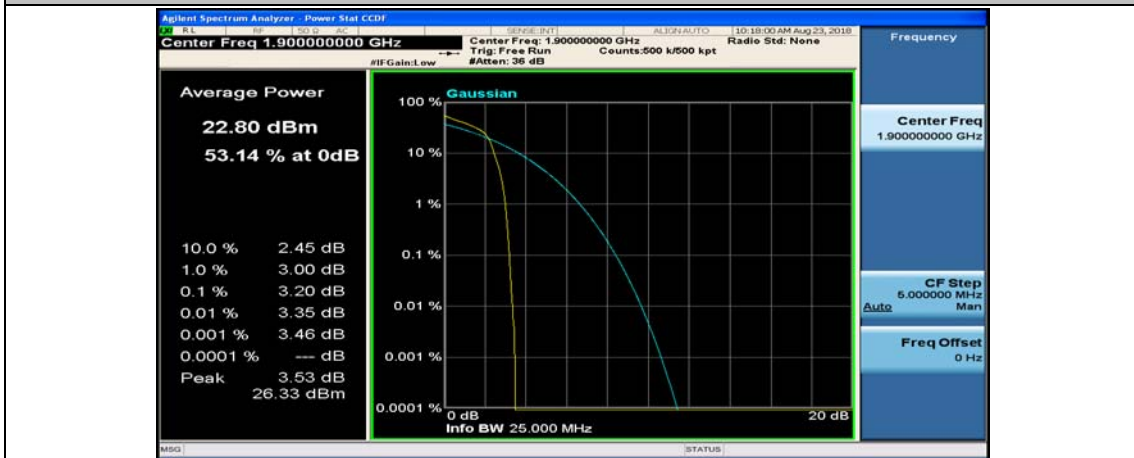(Channel Bandwidth:20 MHz)_MCH_16QAM_100RB#0

(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#0

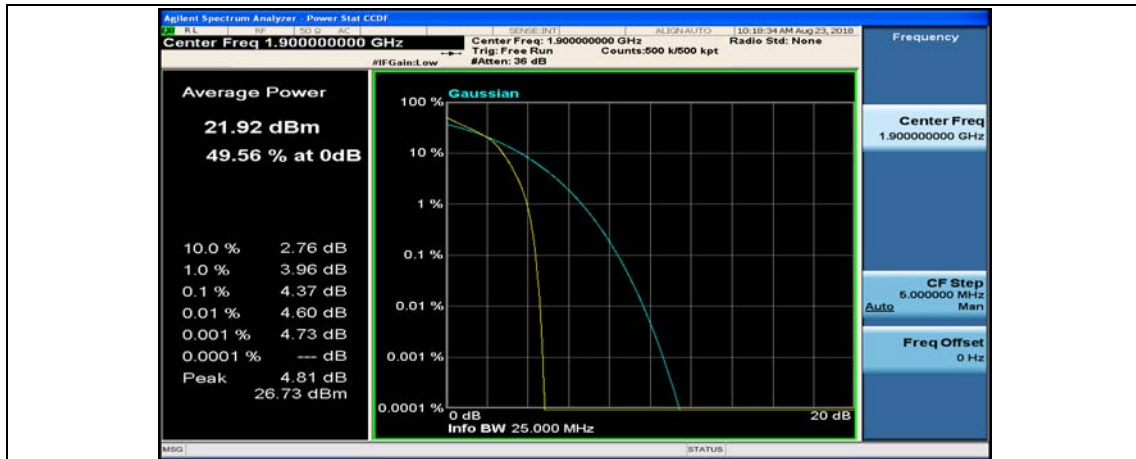(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#49

(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#99

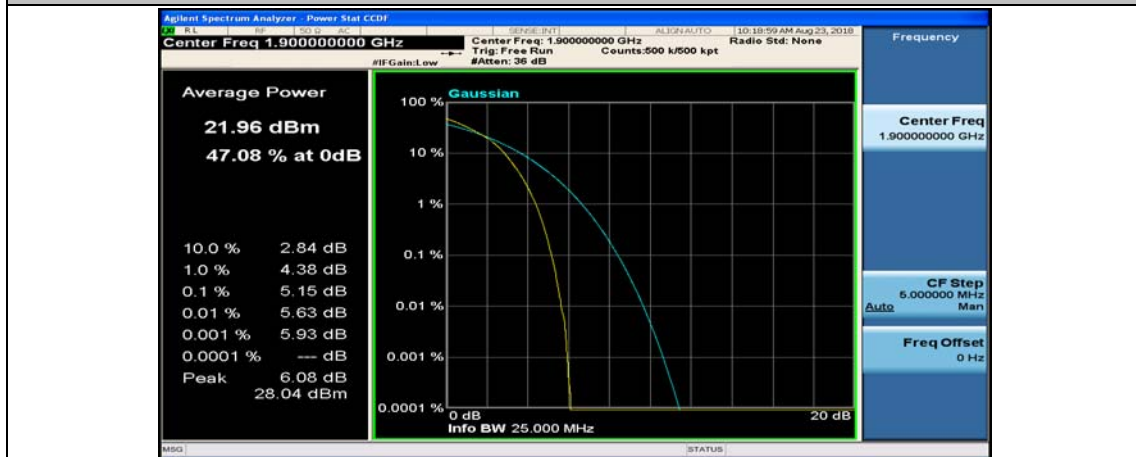

(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#0

(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	26dB Bandwidth	Verdict
		Size	Offset	(MHz)	(MHz)	
QPSK	LCH	6	0	1.0766	1.209	PASS
	MCH	6	0	1.0791	1.225	PASS
	HCH	6	0	1.0819	1.311	PASS
16QAM	LCH	6	0	1.0793	1.219	PASS
	MCH	6	0	1.0778	1.227	PASS
	HCH	6	0	1.0814	1.246	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth	26dB Bandwidth	Verdict
		Size	Offset	(MHz)	(MHz)	
QPSK	LCH	15	0	2.6808	2.875	PASS
	MCH	15	0	2.6862	2.862	PASS
	HCH	15	0	2.6836	2.892	PASS
16QAM	LCH	15	0	2.6880	2.883	PASS
	MCH	15	0	2.6852	2.867	PASS
	HCH	15	0	2.6863	2.883	PASS

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth	26dB Bandwidth	Verdict
		Size	Offset	(MHz)	(MHz)	
QPSK	LCH	25	0	4.4881	4.863	PASS
	MCH	25	0	4.4809	4.849	PASS
	HCH	25	0	4.4794	4.872	PASS
16QAM	LCH	25	0	4.4925	4.812	PASS
	MCH	25	0	4.4828	4.822	PASS
	HCH	25	0	4.4837	4.858	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth	26dB Bandwidth	Verdict
		Size	Offset	(MHz)	(MHz)	
QPSK	LCH	50	0	8.9468	9.495	PASS
	MCH	50	0	8.9301	9.430	PASS
	HCH	50	0	8.9398	9.501	PASS
16QAM	LCH	50	0	8.9435	9.534	PASS
	MCH	50	0	8.9403	9.491	PASS
	HCH	50	0	8.9238	9.555	PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth	26dB Bandwidth	Verdict
		Size	Offset	(MHz)	(MHz)	
QPSK	LCH	75	0	13.442	17.68	PASS
	MCH	75	0	13.410	14.10	PASS
	HCH	75	0	13.435	18.84	PASS
16QAM	LCH	75	0	13.427	14.18	PASS
	MCH	75	0	13.413	14.13	PASS
	HCH	75	0	13.405	14.18	PASS

Channel Bandwidth: 20 MHz

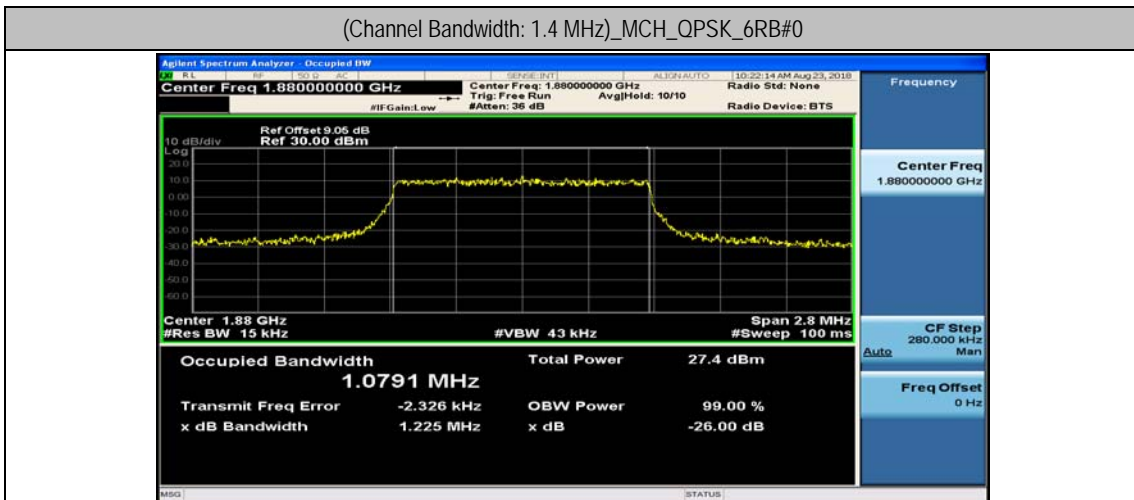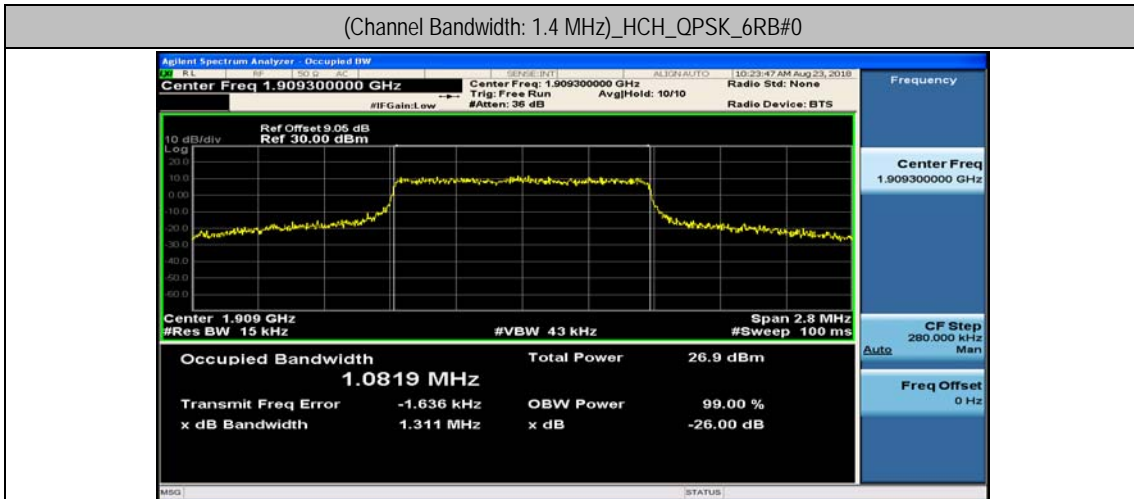| Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth	26dB Bandwidth	Verdict
		Size	Offset	(MHz)	(MHz)	
QPSK	LCH	100	0	17.873	18.78	PASS
	MCH	100	0	17.895	18.64	PASS
	HCH	100	0	17.861	18.82	PASS
16QAM	LCH	100	0	17.854	18.67	PASS
	MCH	100	0	17.872	18.57	PASS
	HCH	100	0	17.841	18.57	PASS

Test Graphs

Channel Bandwidth: 1.4 MHz

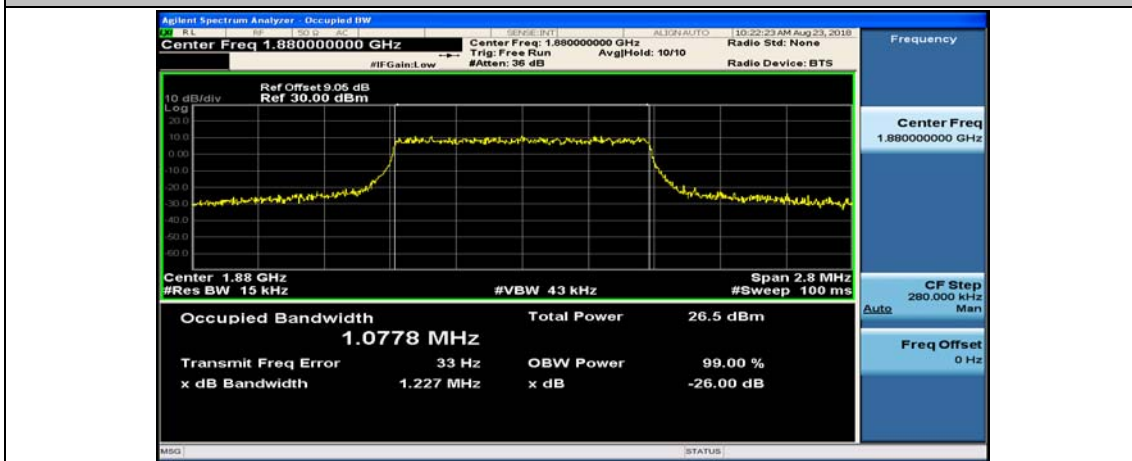| (Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0 |
|---|
| |
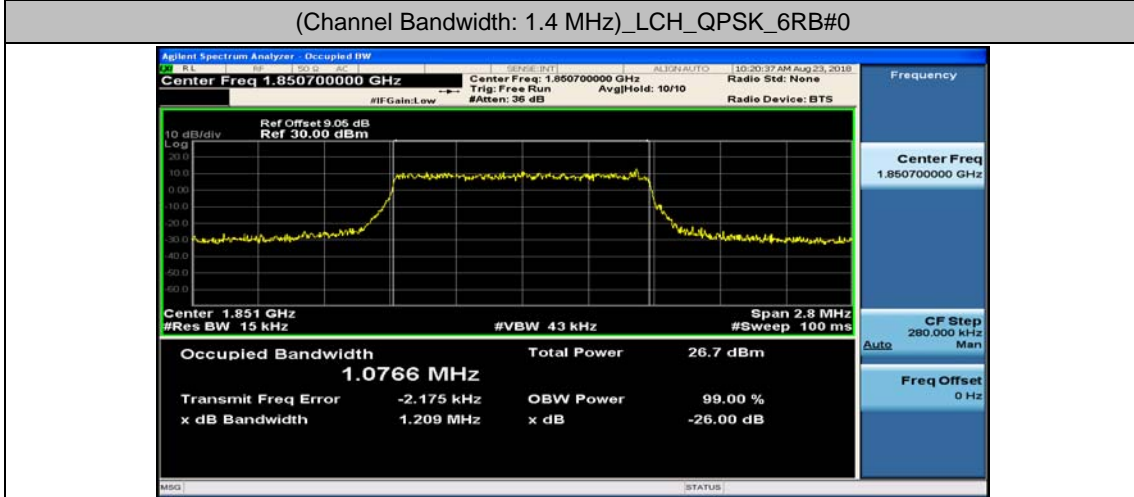
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0

(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0

(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0
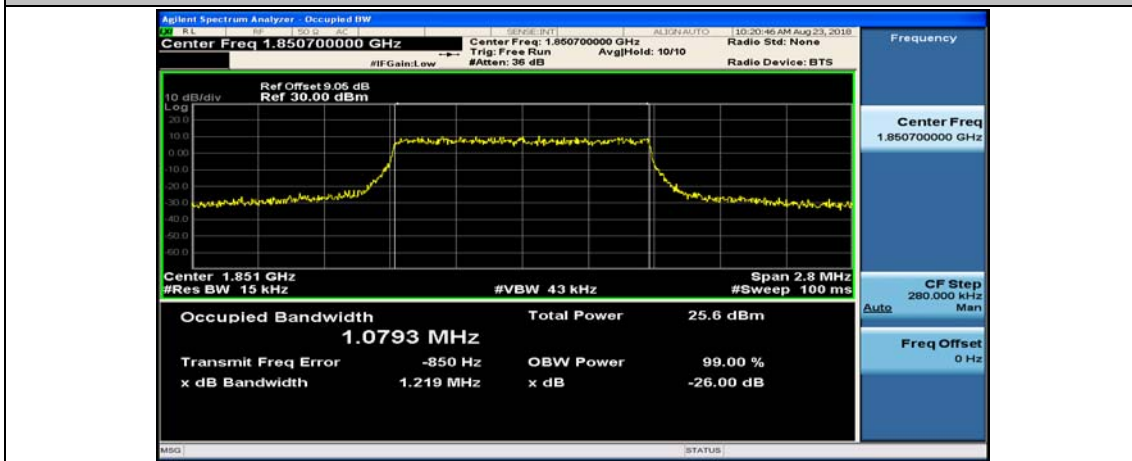
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0

(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0
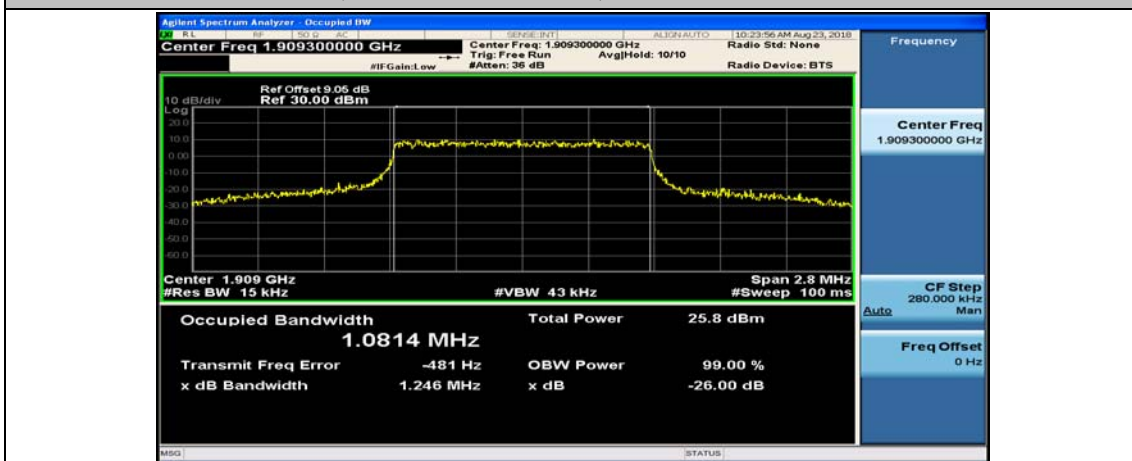
Channel Bandwidth: 3 MHz

| (Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0 |
|---|
| |

(Channel Bandwidth: 3 MHz)_MCH_QPSK_15RB#0

(Channel Bandwidth: 3 MHz)_HCH_QPSK_15RB#0

(Channel Bandwidth: 3 MHz)_LCH_16QAM_15RB#0

Occupied Bandwidth: 2.6880 MHz
Total Power: 24.9 dBm
Transmit Freq Error: -961 Hz
OBW Power: 99.00 %
x dB Bandwidth: 2.883 MHz
x dB: -26.00 dB
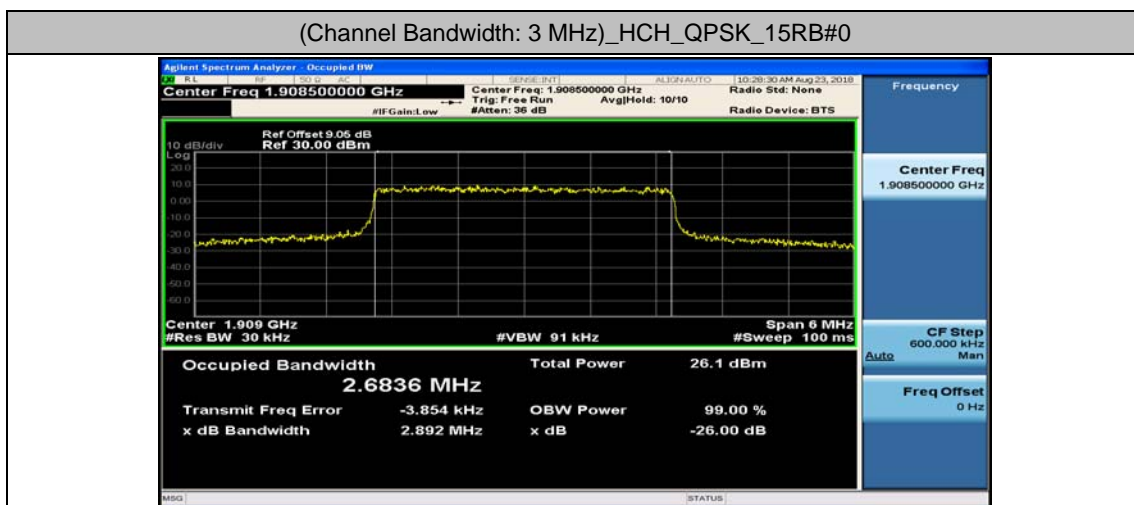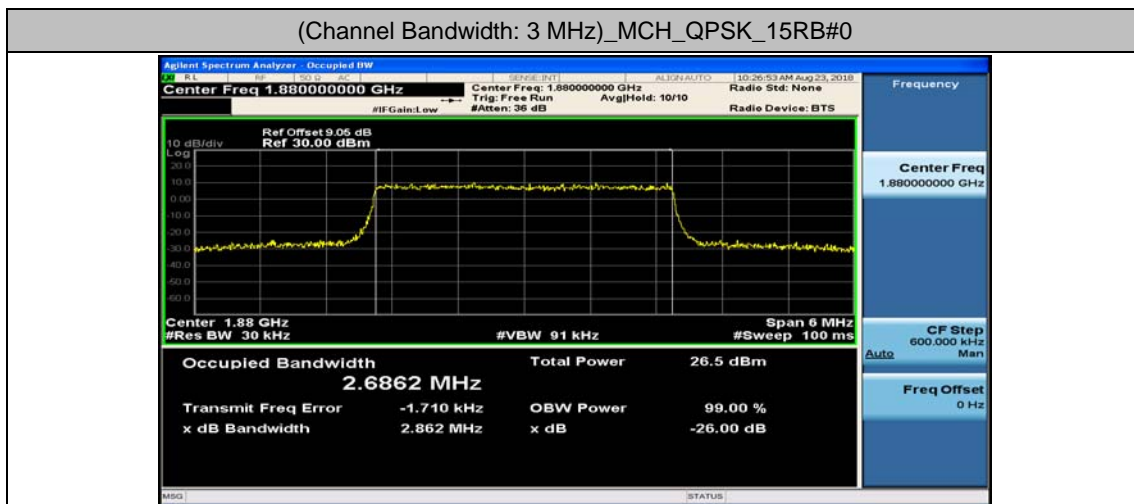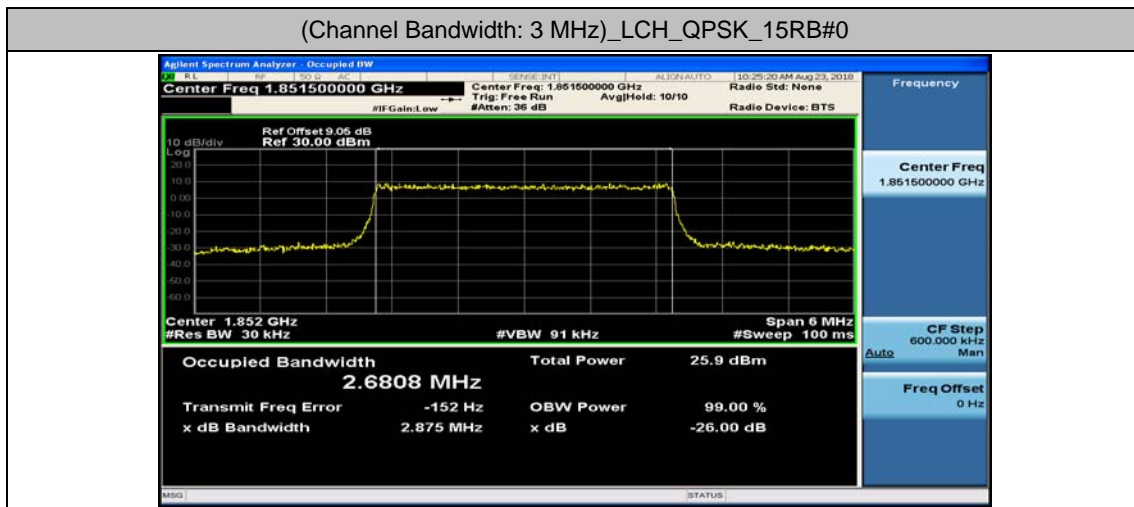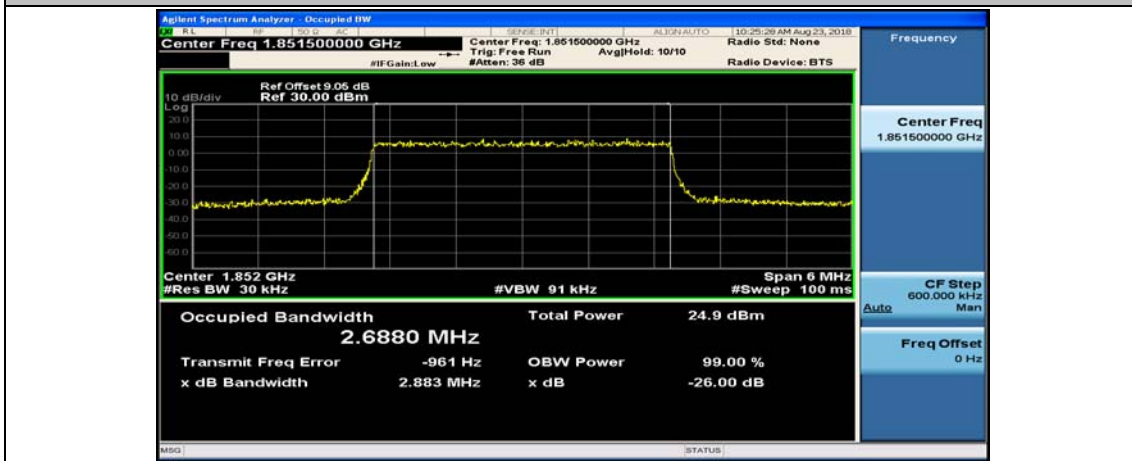
(Channel Bandwidth: 3 MHz)_MCH_16QAM_15RB#0
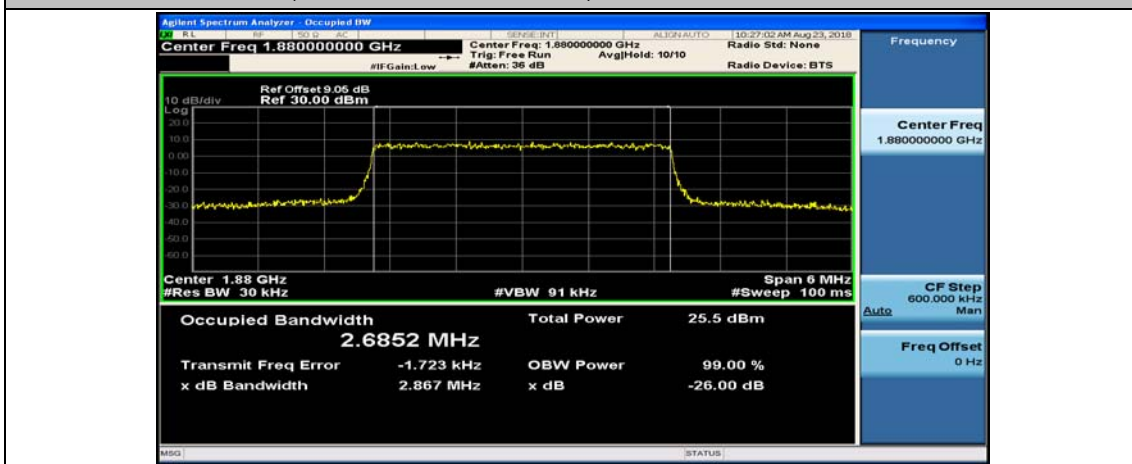
Occupied Bandwidth: 2.6852 MHz
Total Power: 25.5 dBm
Transmit Freq Error: -1.723 kHz
OBW Power: 99.00 %
x dB Bandwidth: 2.867 MHz
x dB: -26.00 dB

(Channel Bandwidth: 3 MHz)_HCH_16QAM_15RB#0

Occupied Bandwidth: 2.6863 MHz
Total Power: 25.0 dBm
Transmit Freq Error: -2.181 kHz
OBW Power: 99.00 %
x dB Bandwidth: 2.883 MHz
x dB: -26.00 dB

Channel Bandwidth: 5 MHz

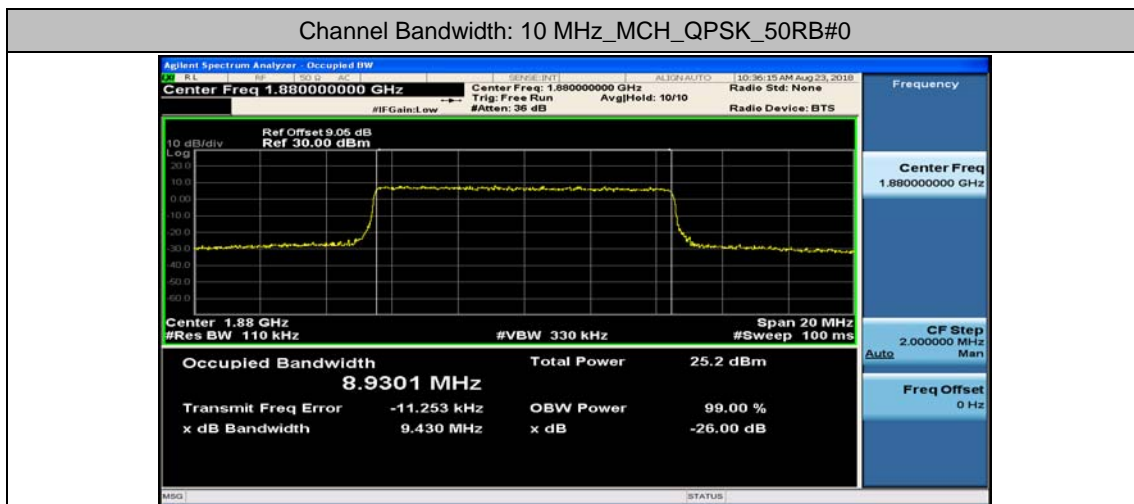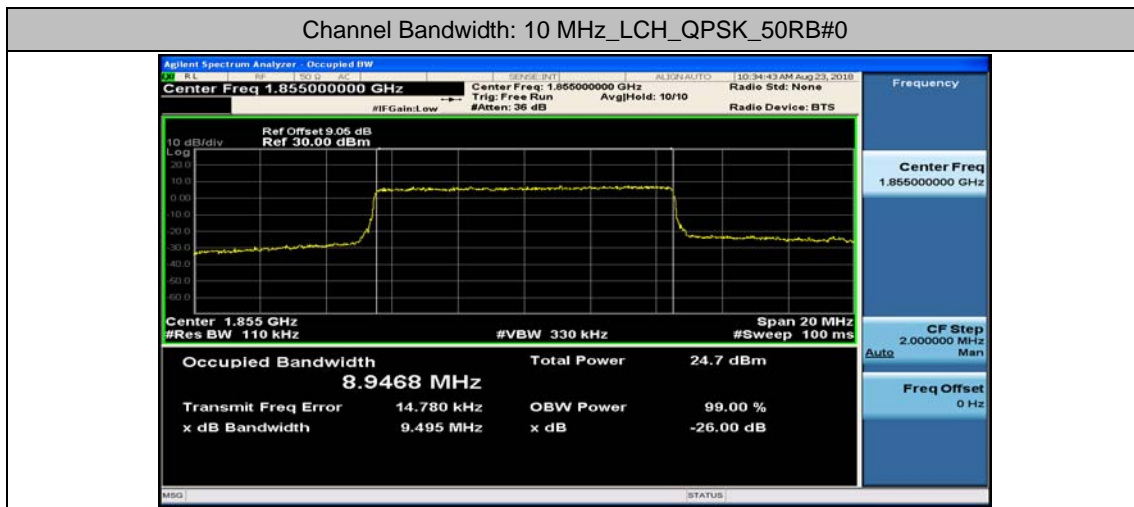| (Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0 |
|---|

(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0
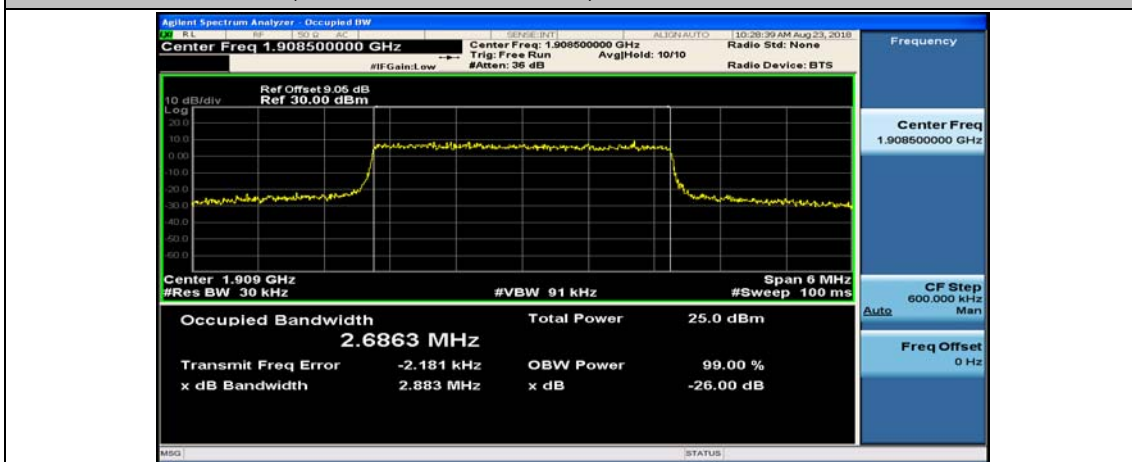
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0
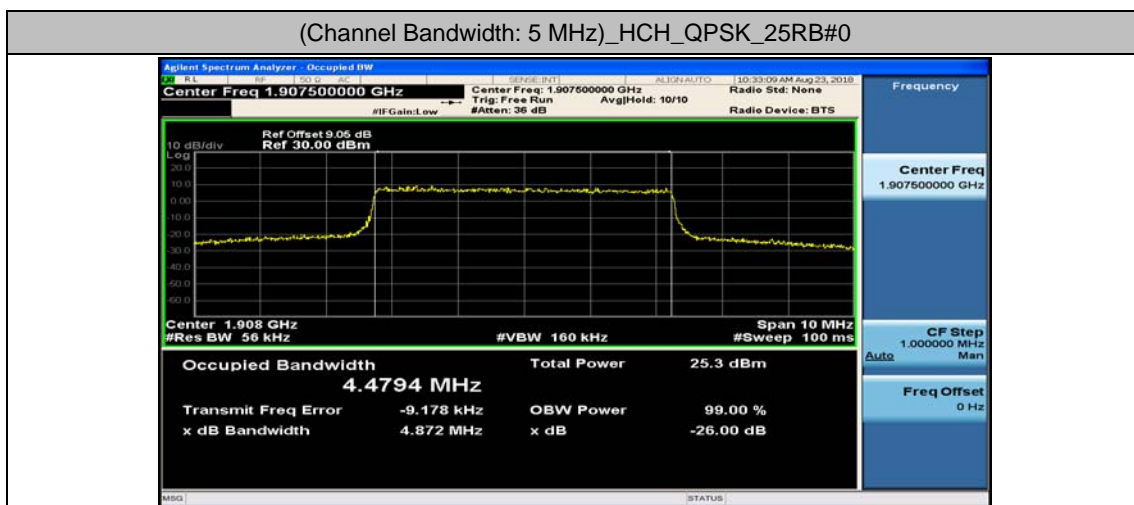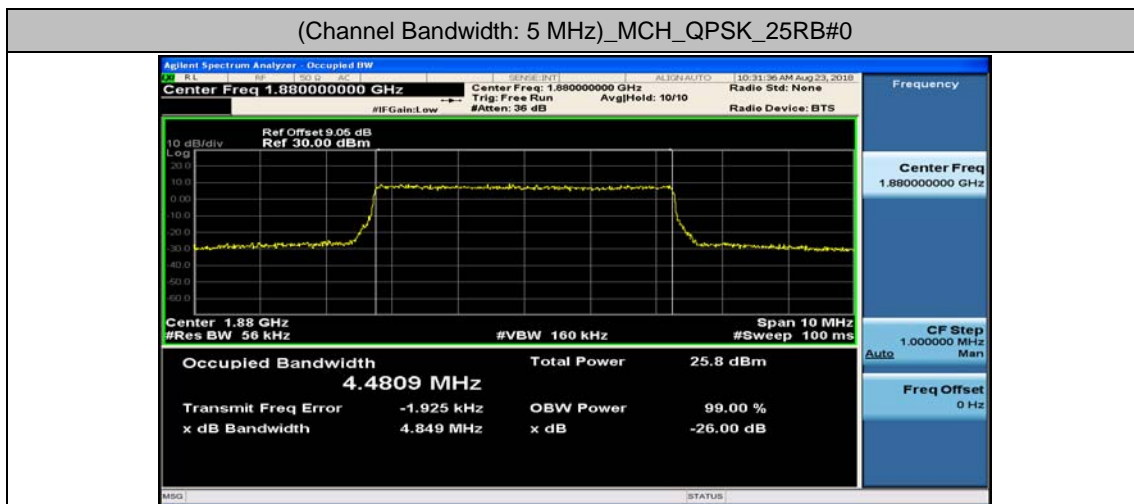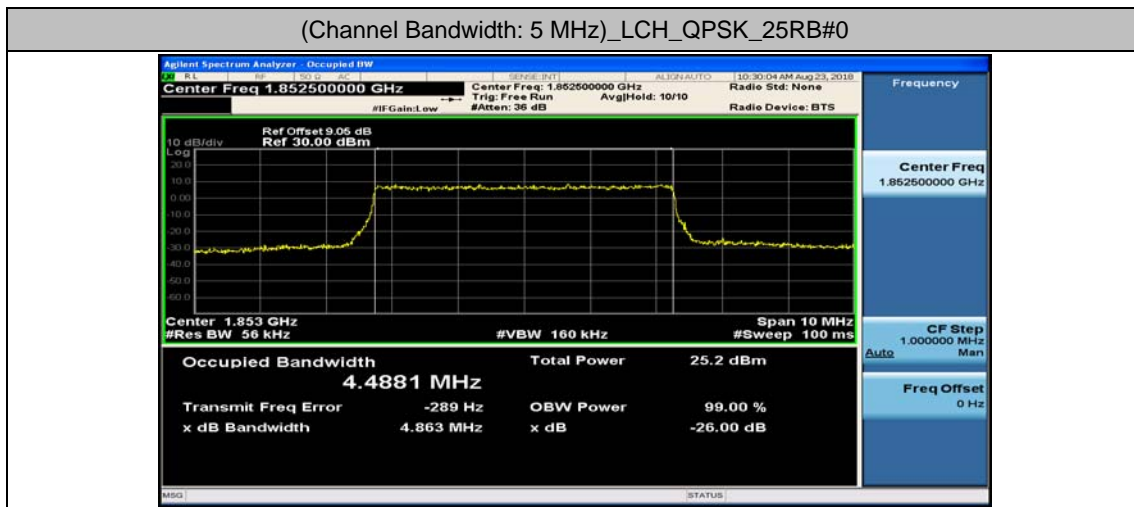
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0
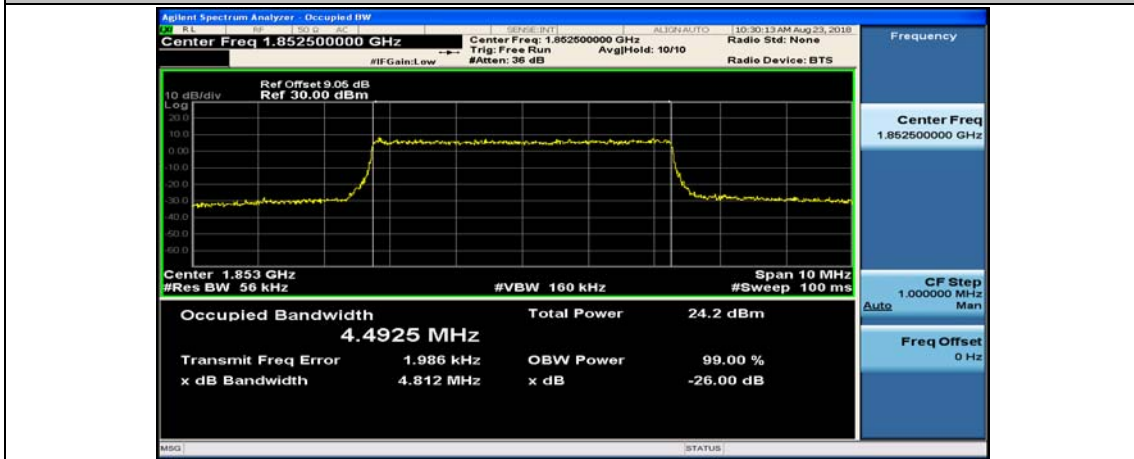
(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0
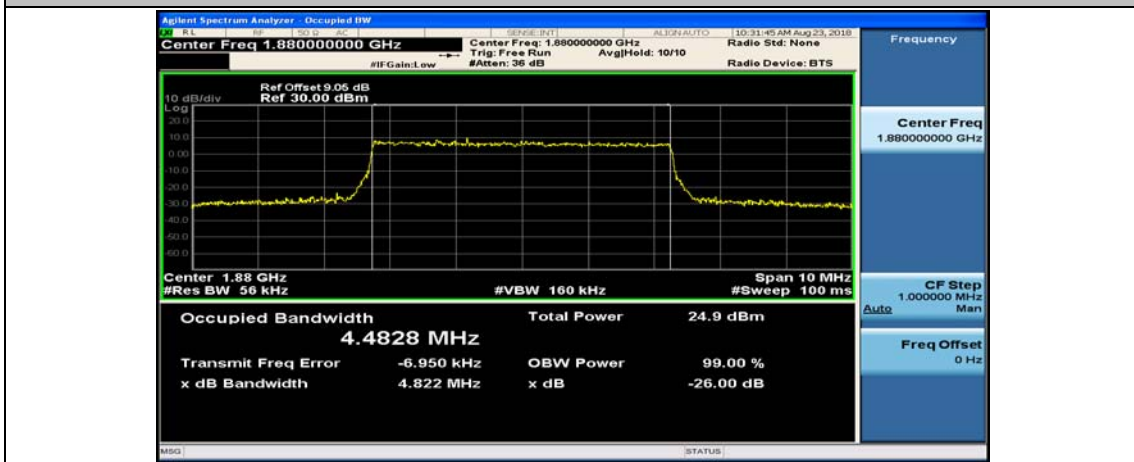
(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0

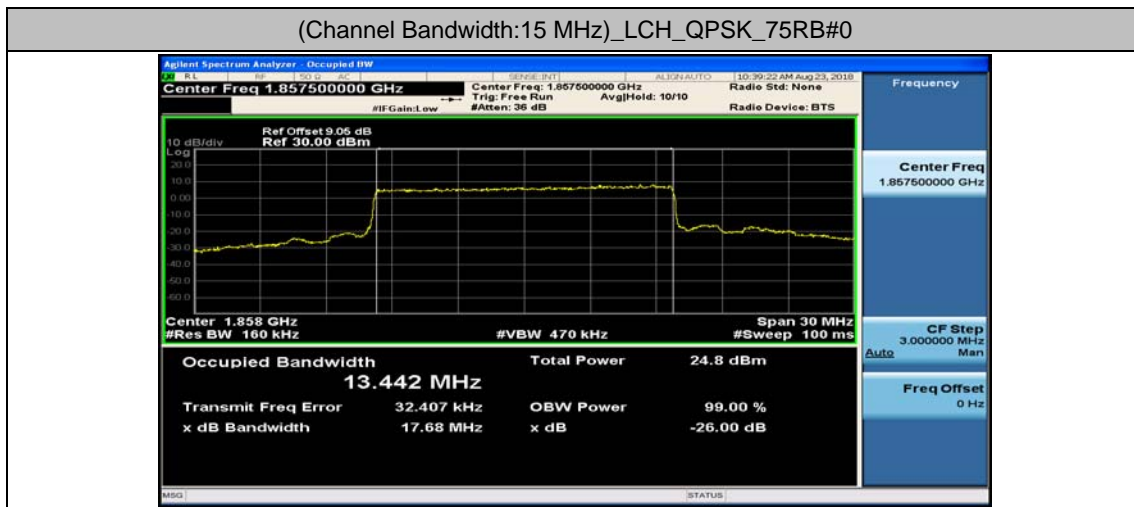| Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0 |
|---|
| |
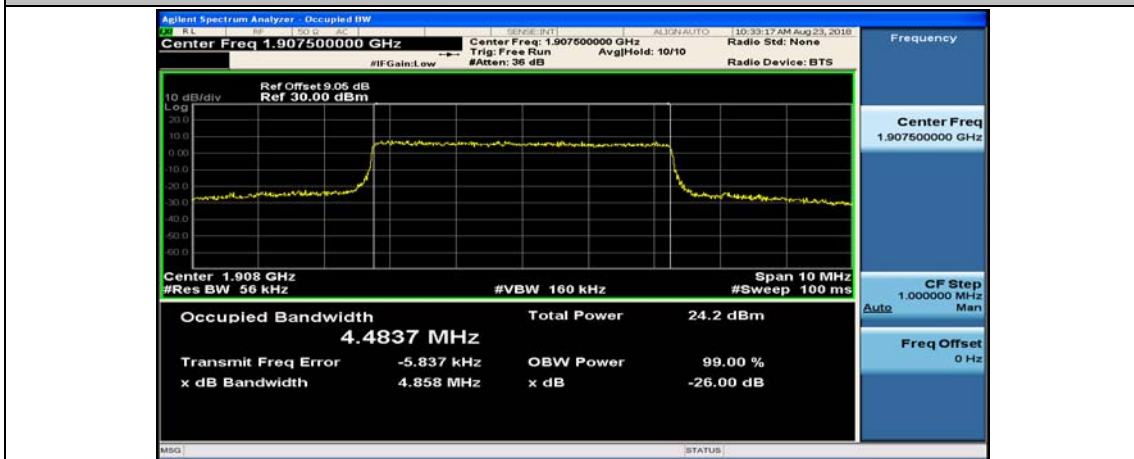
Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0
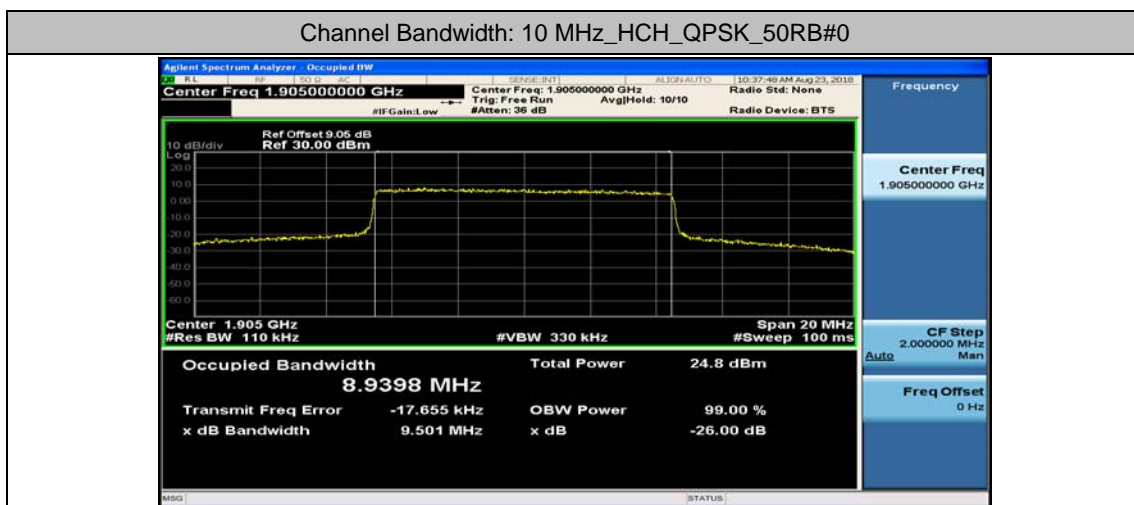
Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0
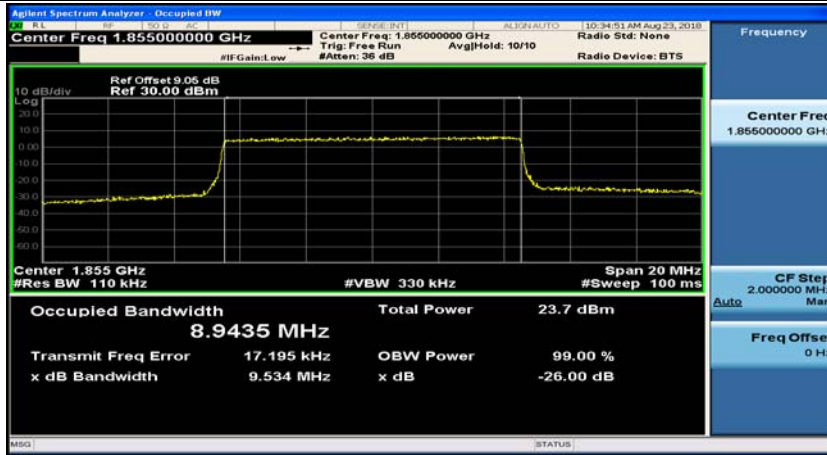
Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0

Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0

Channel Bandwidth: 15 MHz

(Channel Bandwidth:15 MHz)_LCH_QPSK_75RB#0

(Channel Bandwidth:15 MHz)_MCH_QPSK_75RB#0
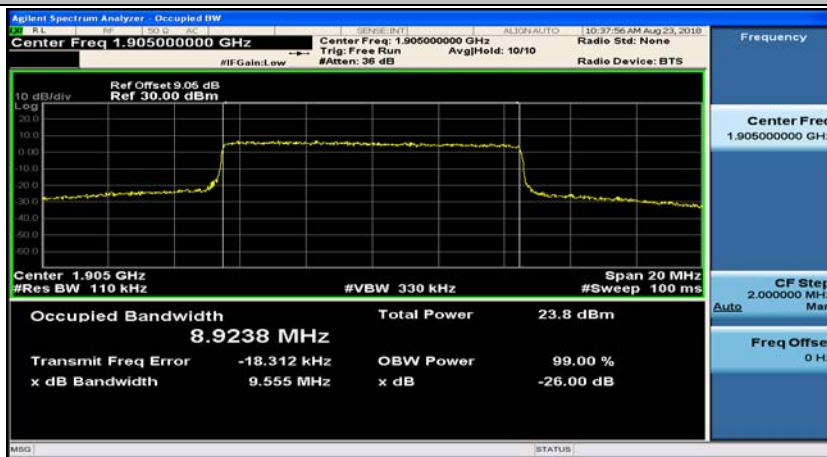
(Channel Bandwidth:15 MHz)_HCH_QPSK_75RB#0
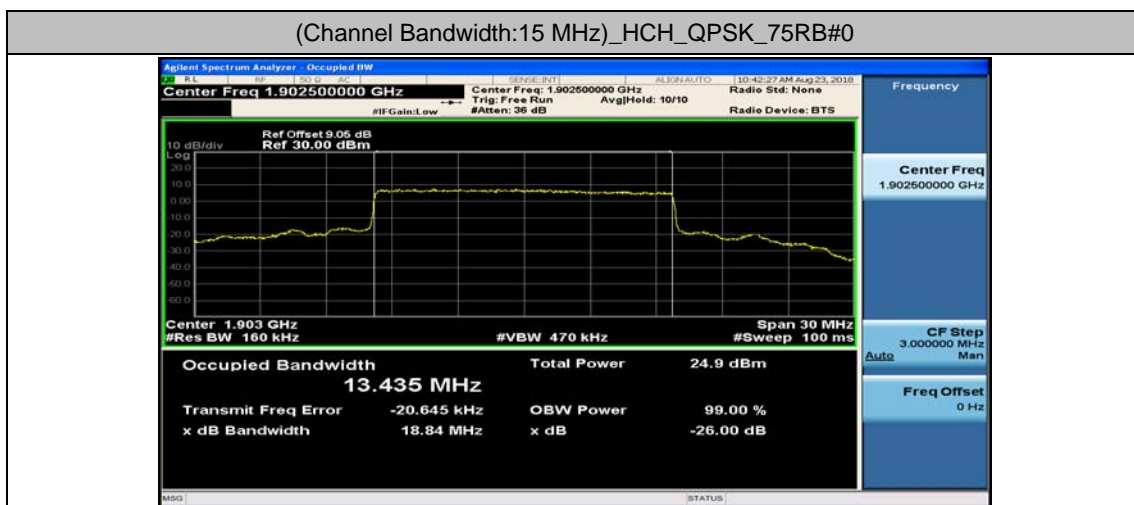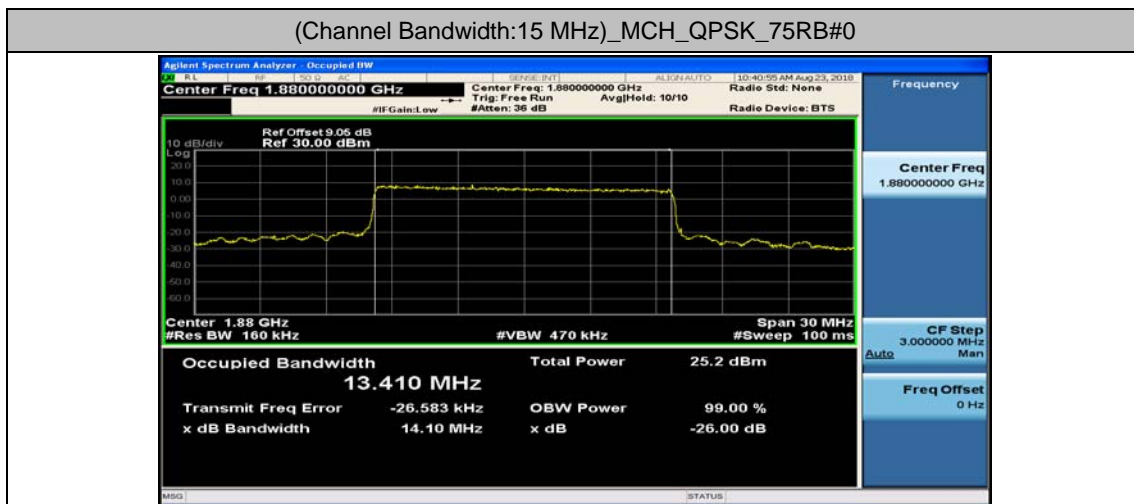
(Channel Bandwidth:15 MHz)_LCH_16QAM_75RB#0

Occupied Bandwidth		Total Power	23.6 dBm
13.427 MHz			
Transmit Freq Error	27.562 kHz	OBW Power	99.00 %
x dB Bandwidth	14.18 MHz	x dB	-26.00 dB
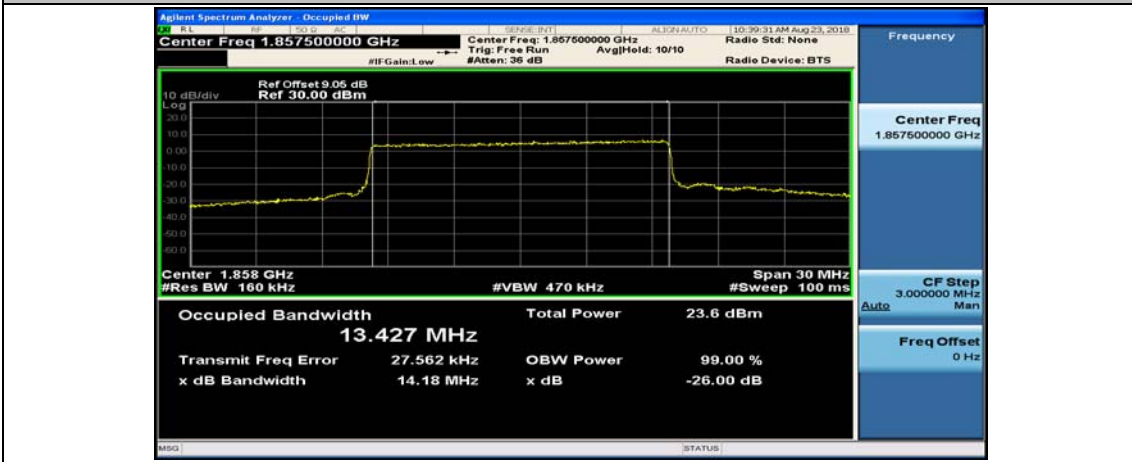
(Channel Bandwidth:15 MHz)_MCH_16QAM_75RB#0

Occupied Bandwidth		Total Power	24.1 dBm
13.413 MHz			
Transmit Freq Error	-23.121 kHz	OBW Power	99.00 %
x dB Bandwidth	14.13 MHz	x dB	-26.00 dB
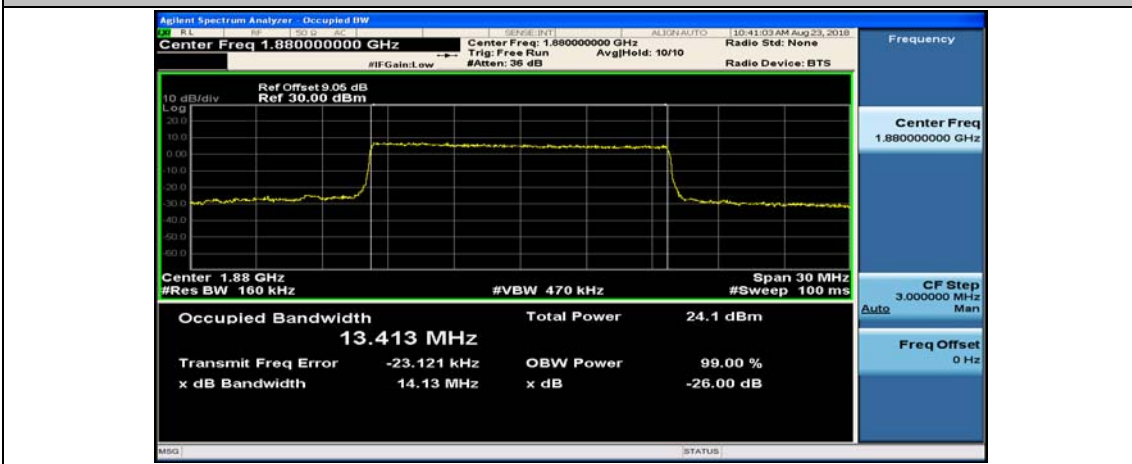
(Channel Bandwidth:15 MHz)_HCH_16QAM_75RB#0

Occupied Bandwidth		Total Power	23.7 dBm
13.405 MHz			
Transmit Freq Error	-20.606 kHz	OBW Power	99.00 %
x dB Bandwidth	14.18 MHz	x dB	-26.00 dB
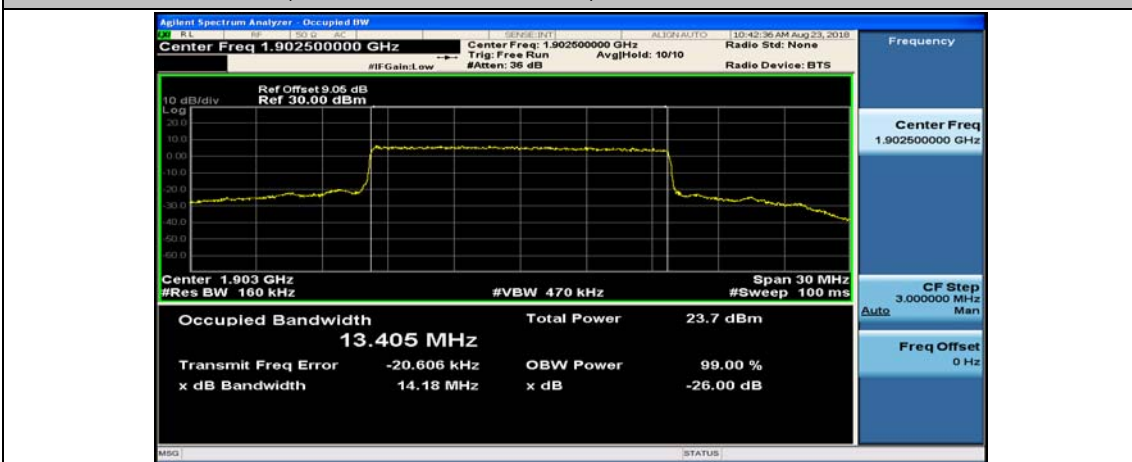
Channel Bandwidth: 20 MHz

(Channel Bandwidth:20 MHz)_LCH_QPSK_100RB#0
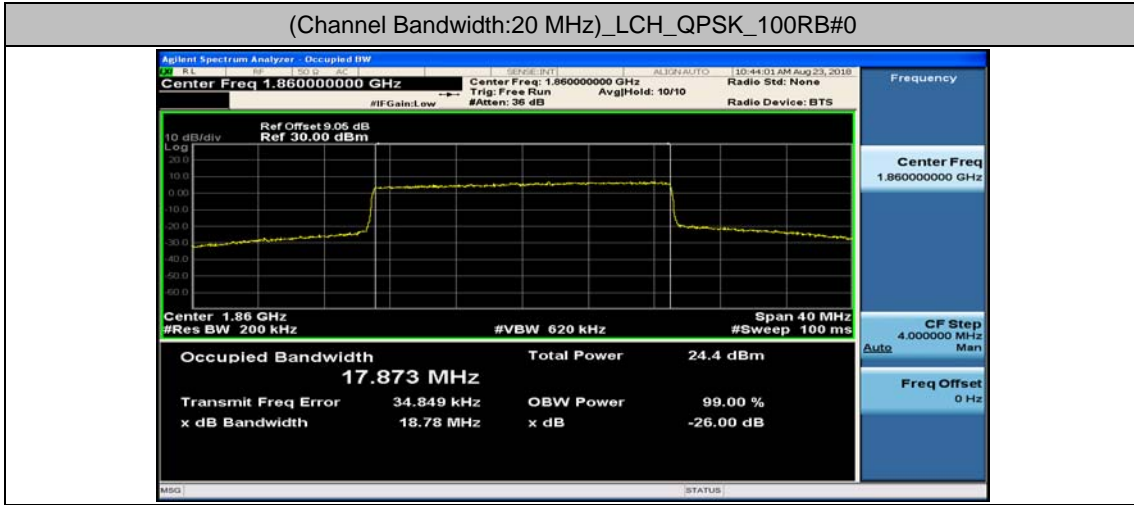
(Channel Bandwidth:20 MHz)_MCH_QPSK_100RB#0
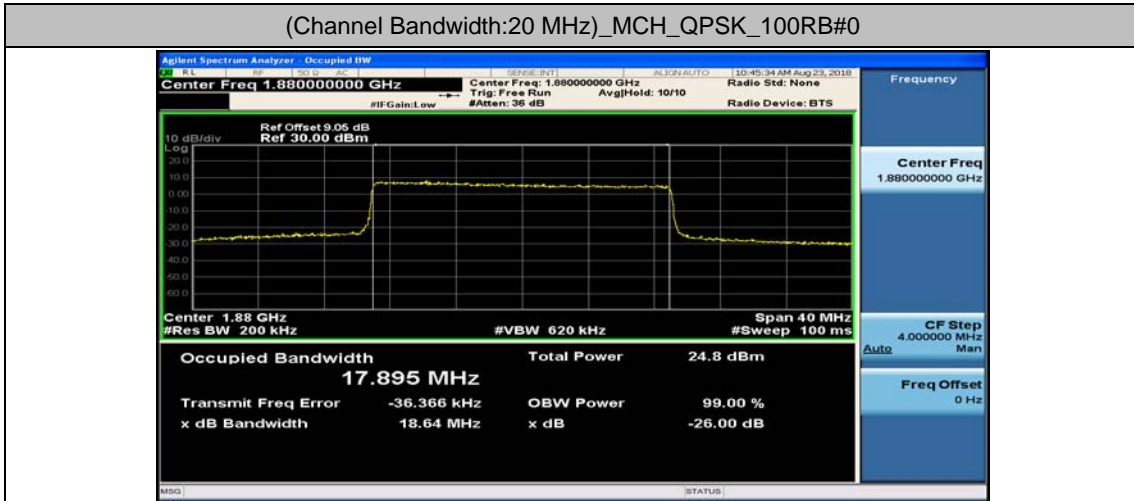
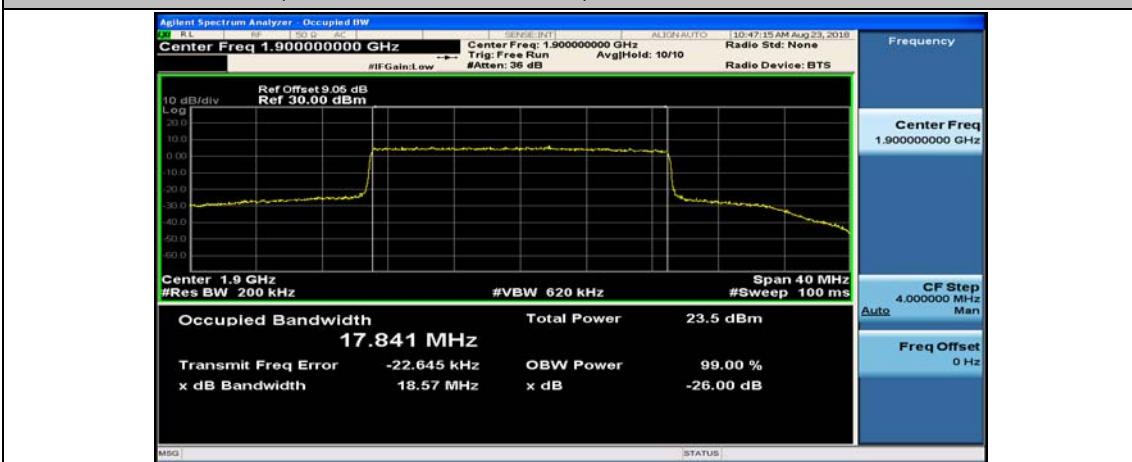| (Channel Bandwidth:20 MHz)_HCH_QPSK_100RB#0 |
| --- |
| |
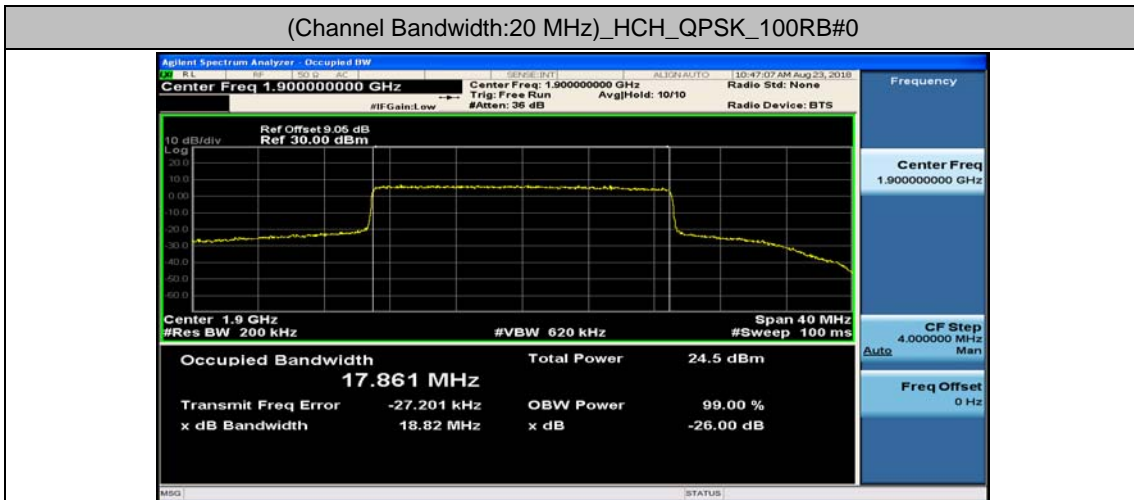
(Channel Bandwidth:20 MHz)_LCH_16QAM_100RB#0

(Channel Bandwidth:20 MHz)_MCH_16QAM_100RB#0
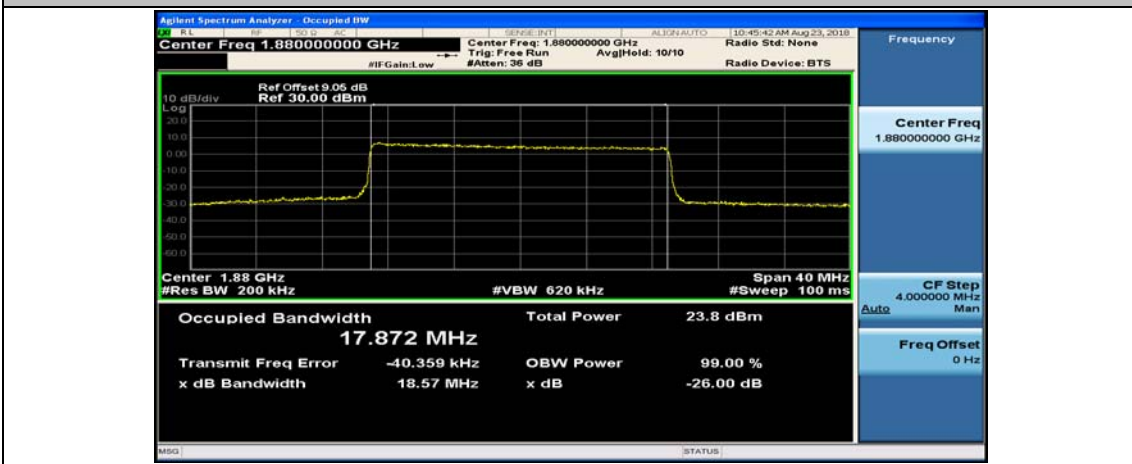
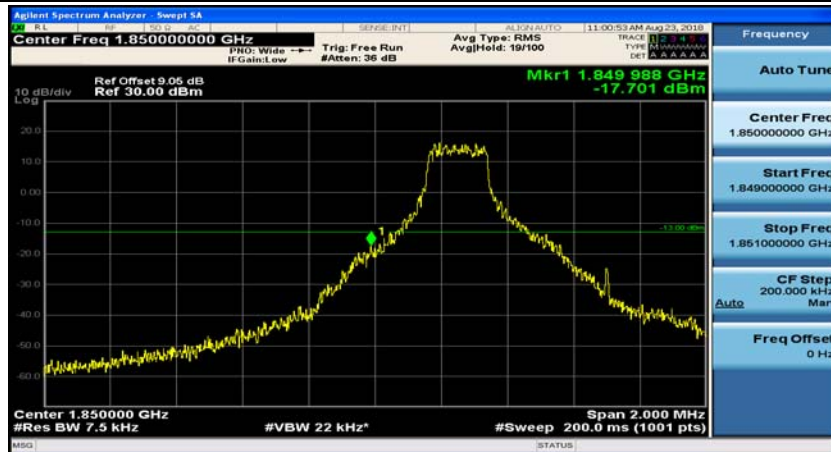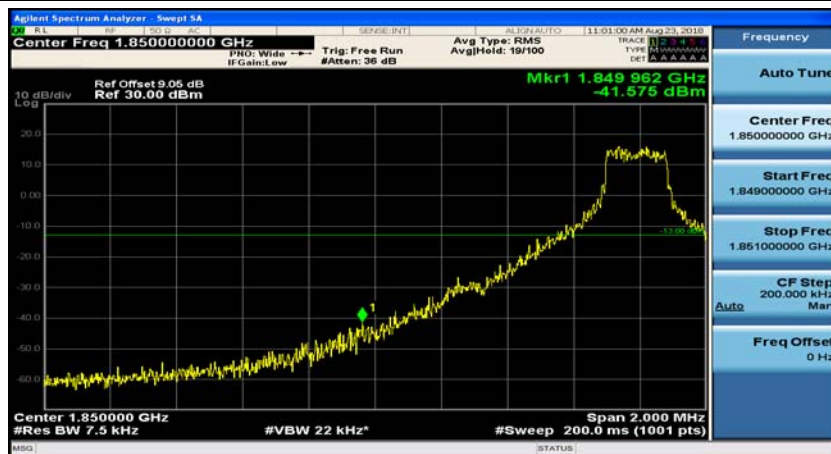
(Channel Bandwidth:20 MHz)_HCH_16QAM_100RB#0

Appendix D: Band Edge

Test Graphs

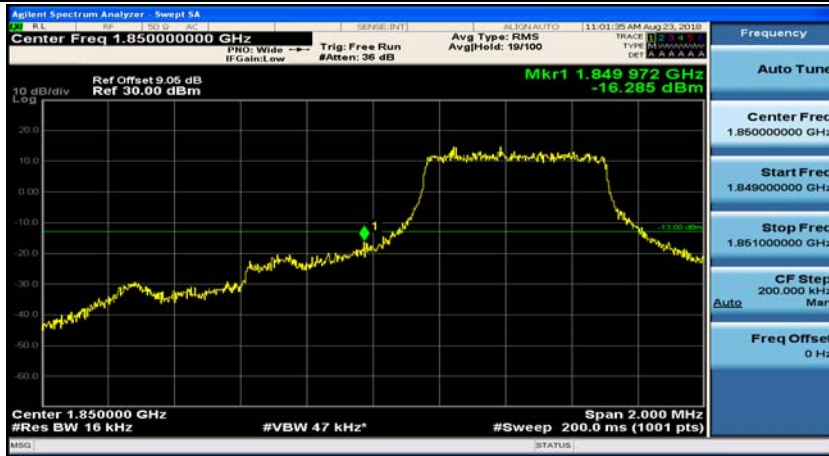**Channel Bandwidth: 1.4 MHz**

(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#0

(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#3

(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#5

(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#0

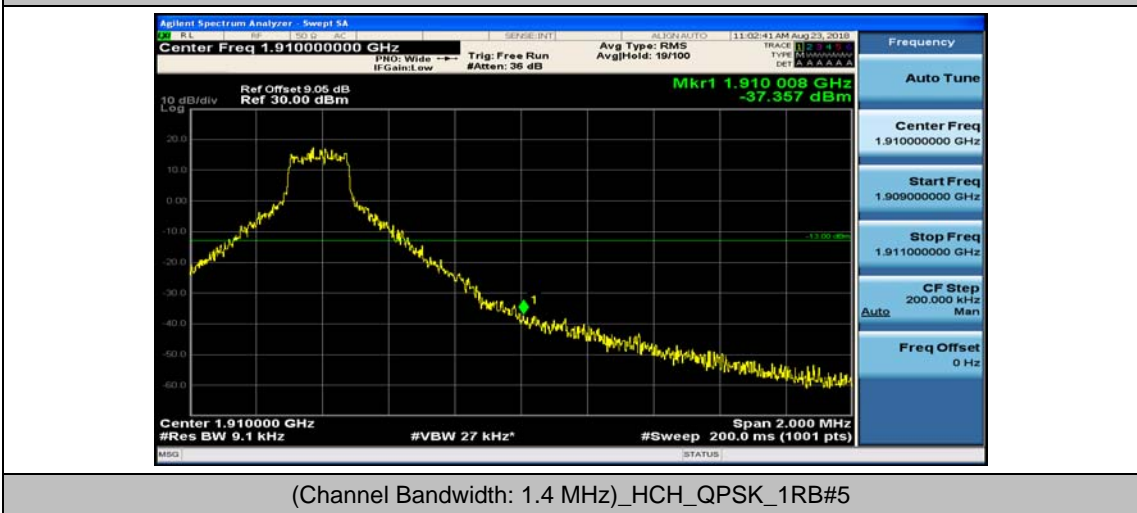| (Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#2 |
|---|

(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#3

(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0
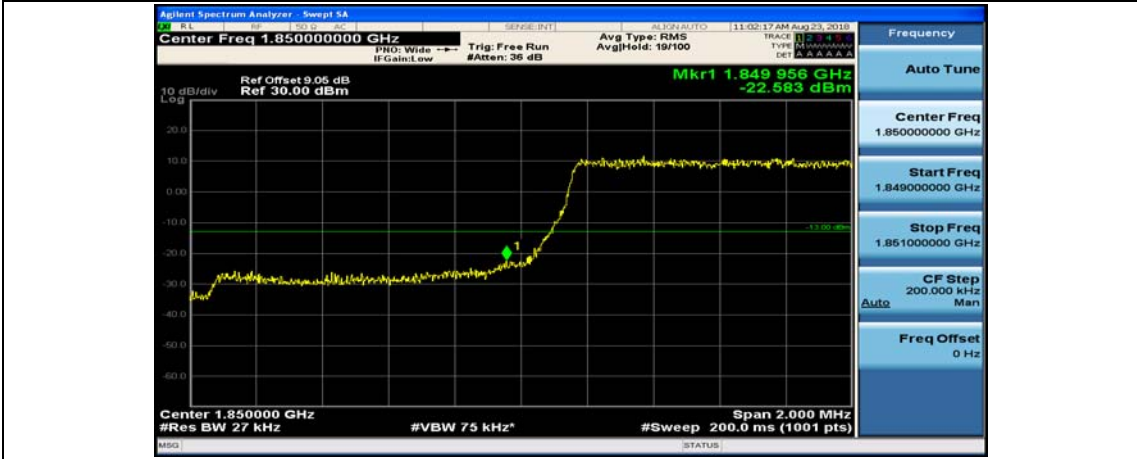
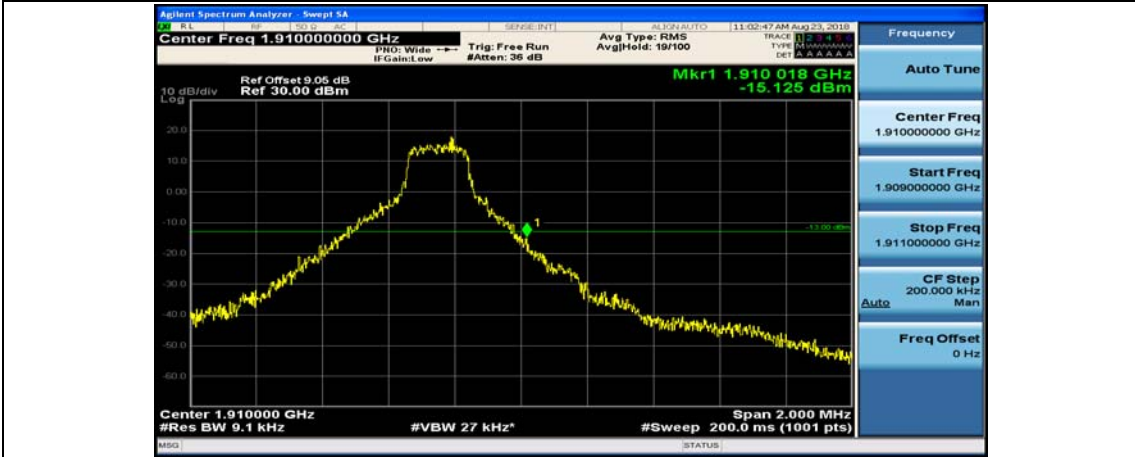| (Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0 |
| --- |
| |
| (Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3 |
| |
| (Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#5 |

(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#0

(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#2
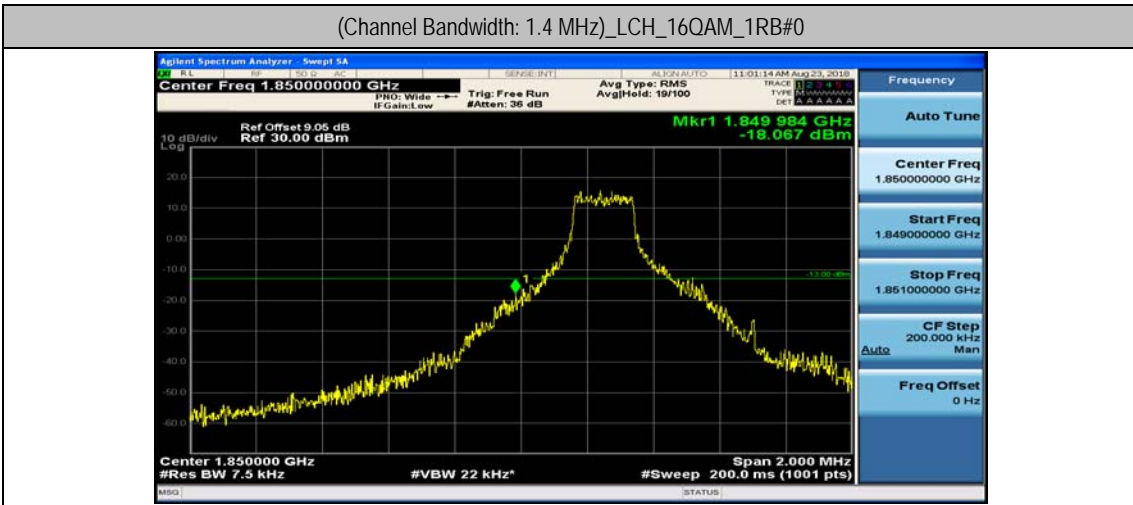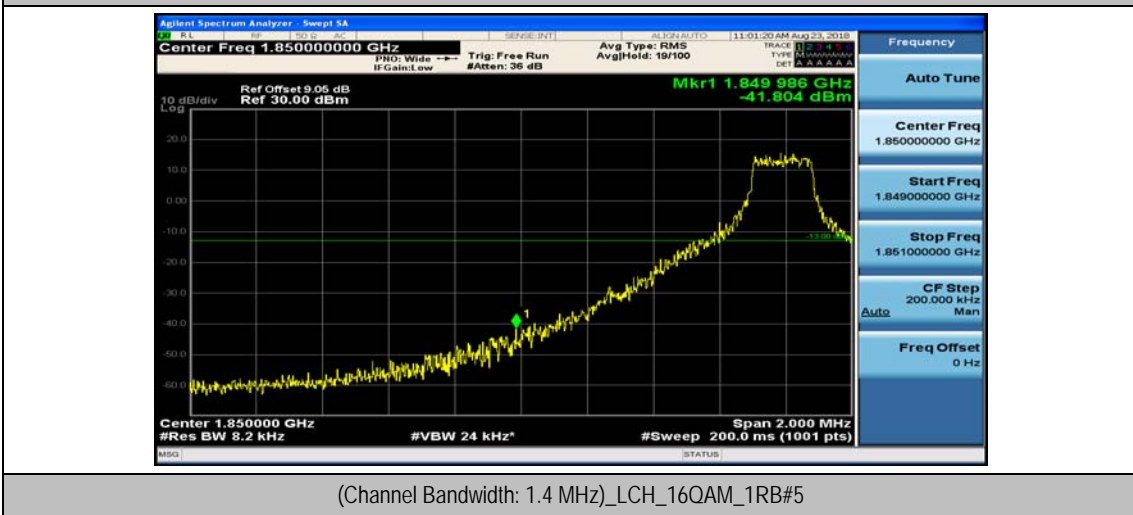

(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0
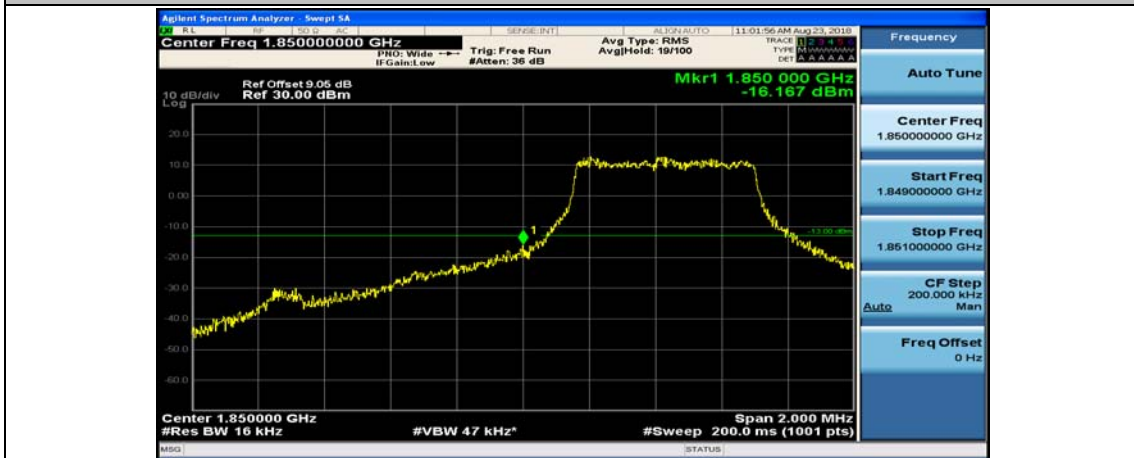
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5

(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#0

(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#2

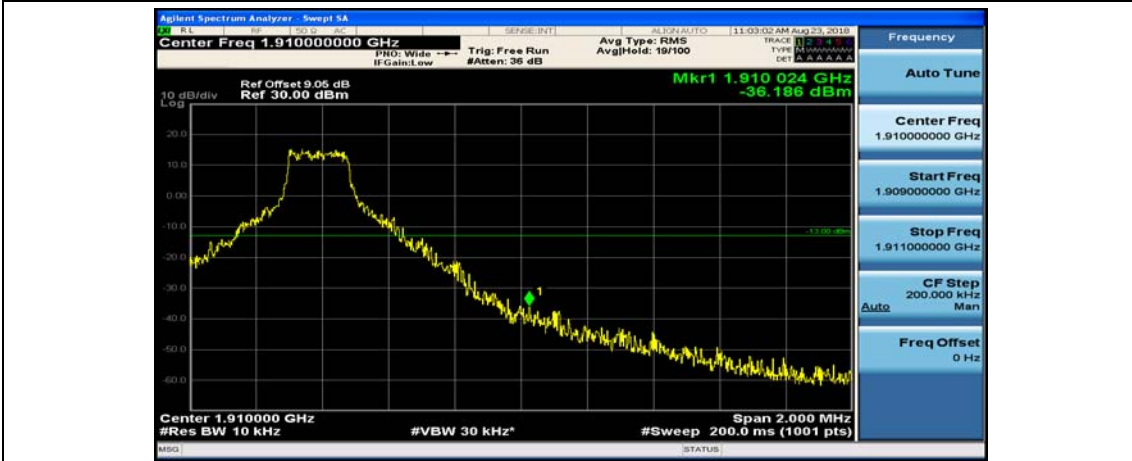(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#3

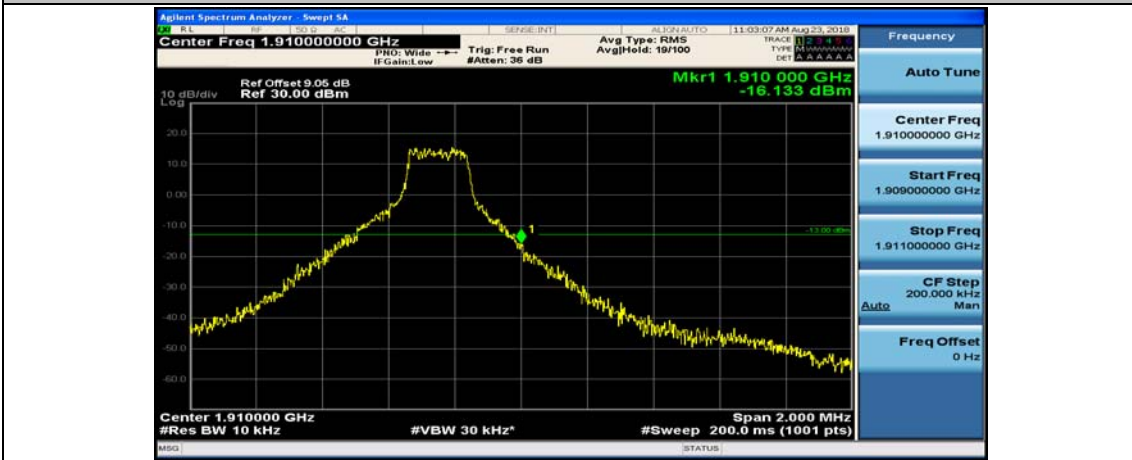(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0

(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0

(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3

(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#5

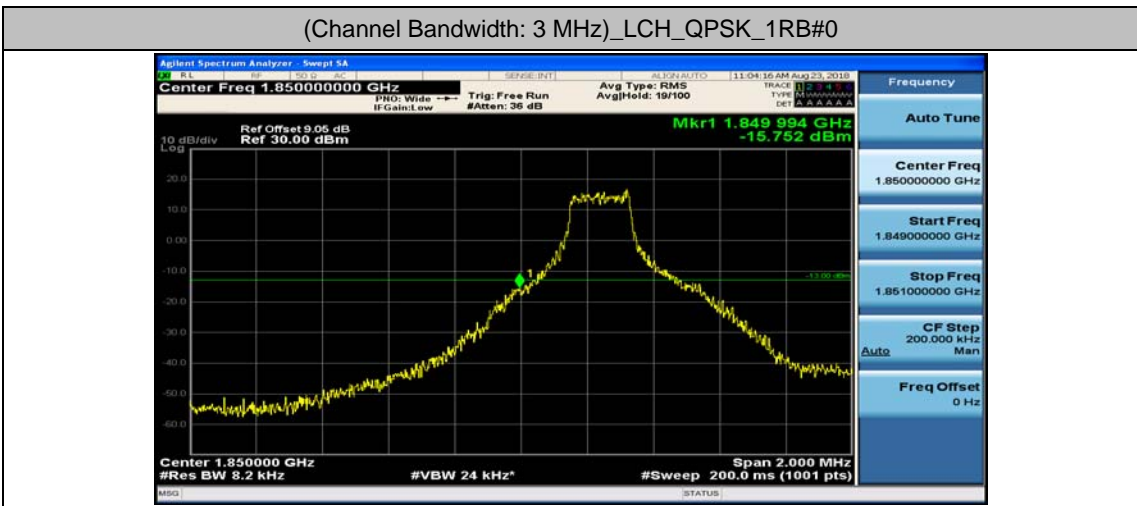(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#0
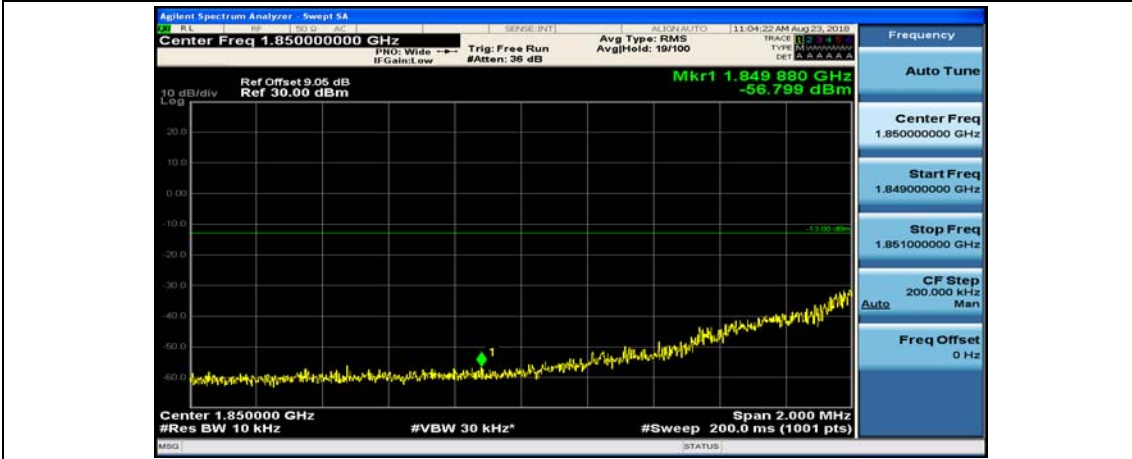

(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#2

(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0

Channel Bandwidth: 3 MHz

(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0

(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#7

(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#14
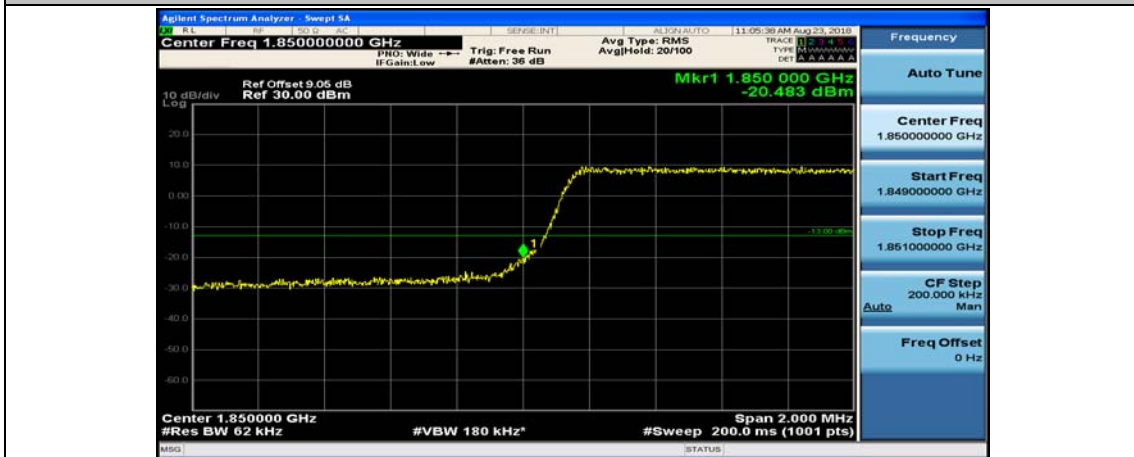

(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#0

(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#4

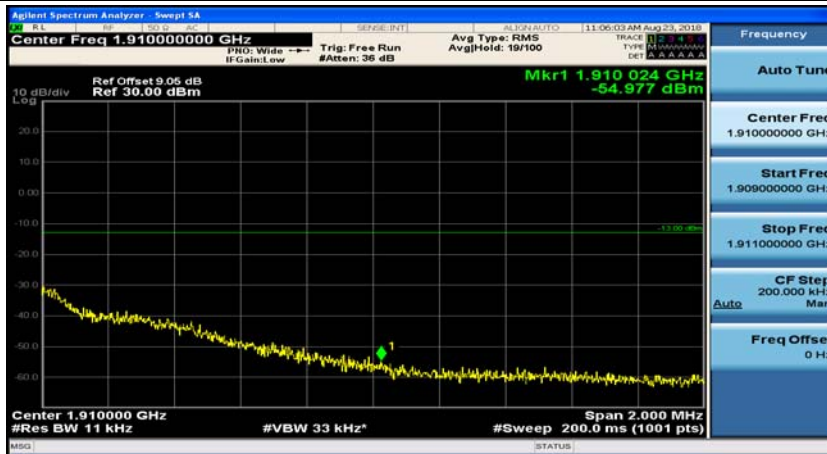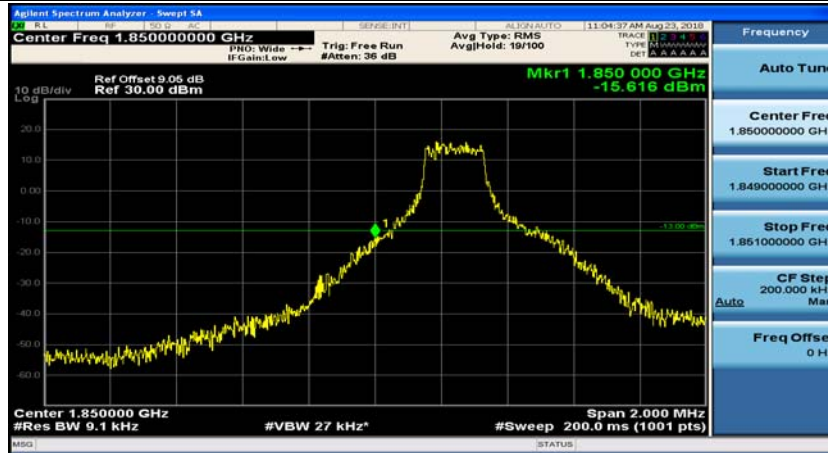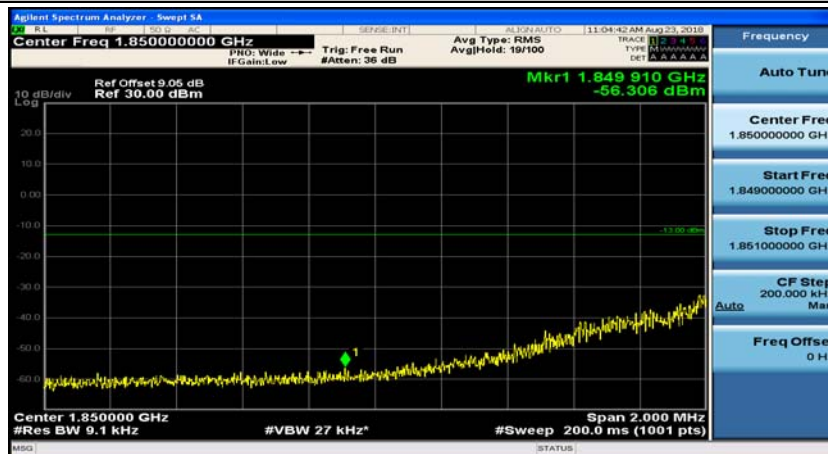(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#7

(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0

(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0

(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7

(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#0

(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#4

(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#7

(Channel Bandwidth: 3 MHz)_HCH_QPSK_15RB#0

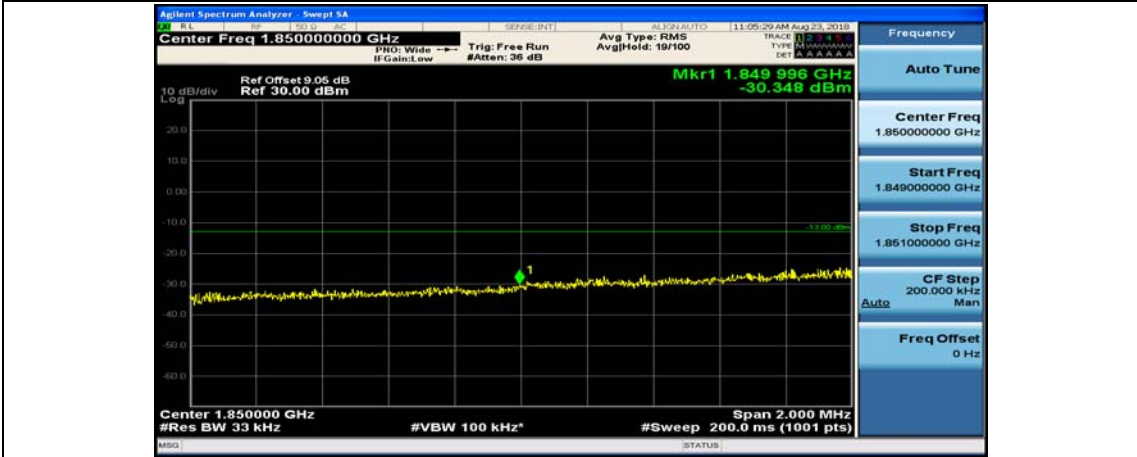| (Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0 |
|---|
| |
| (Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#7 |
| |
| (Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#14 |
| |
| (Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#0 |

(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#4

(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#7
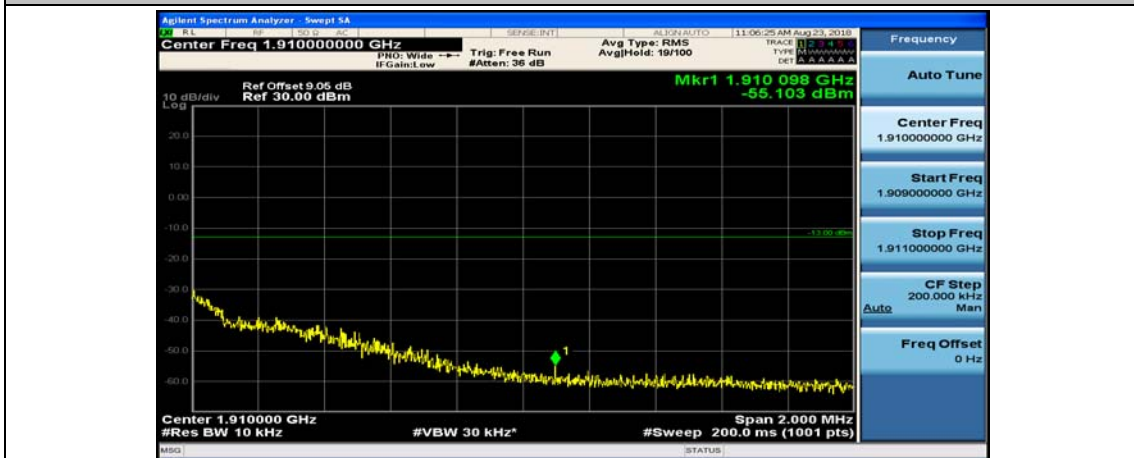

(Channel Bandwidth: 3 MHz)_LCH_16QAM_15RB#0

(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0

(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#7

(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#14

(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#0

(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#4

(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#7

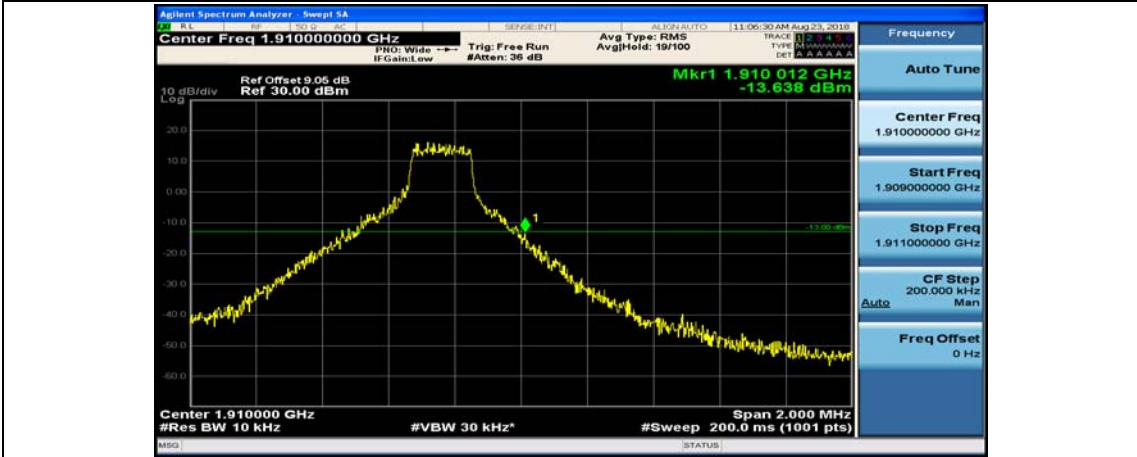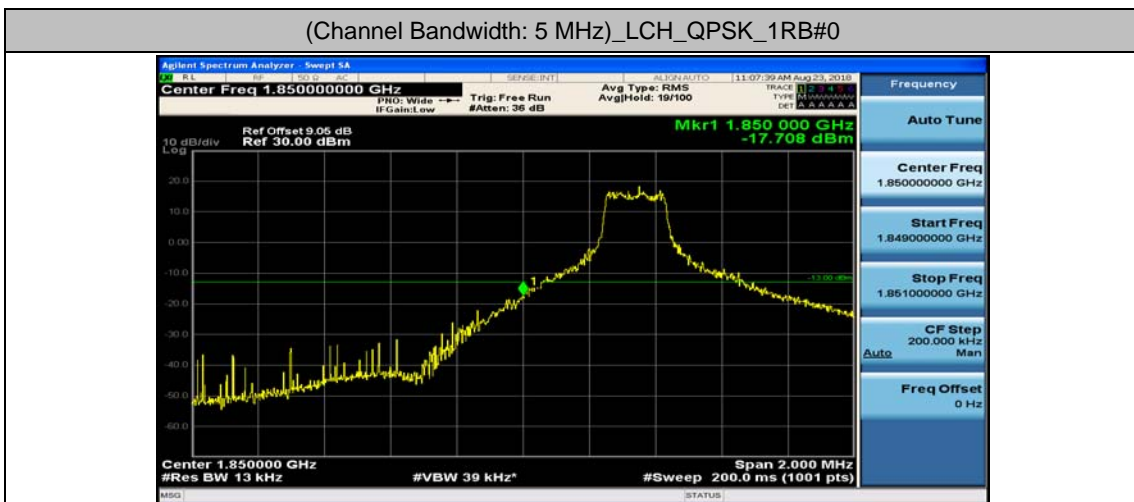(Channel Bandwidth: 3 MHz)_HCH_16QAM_15RB#0

Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0

(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12