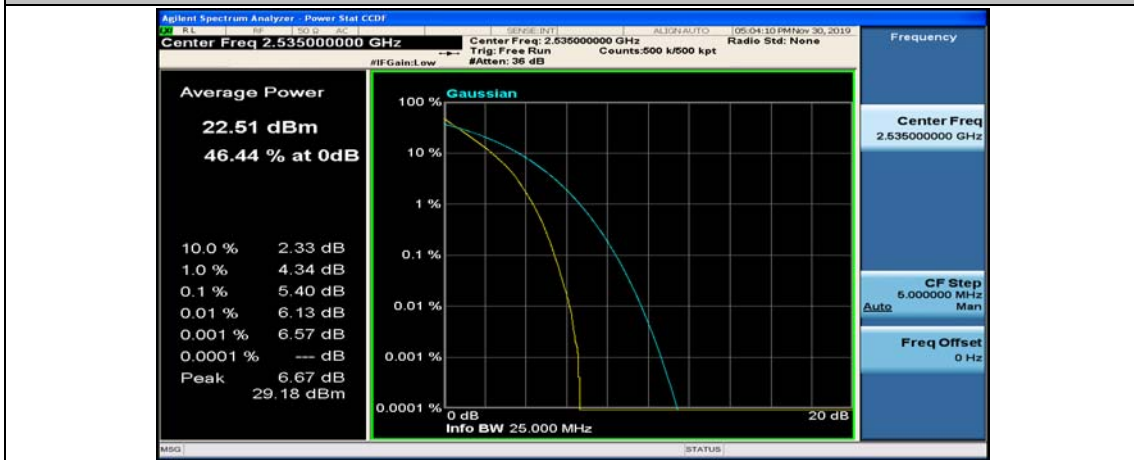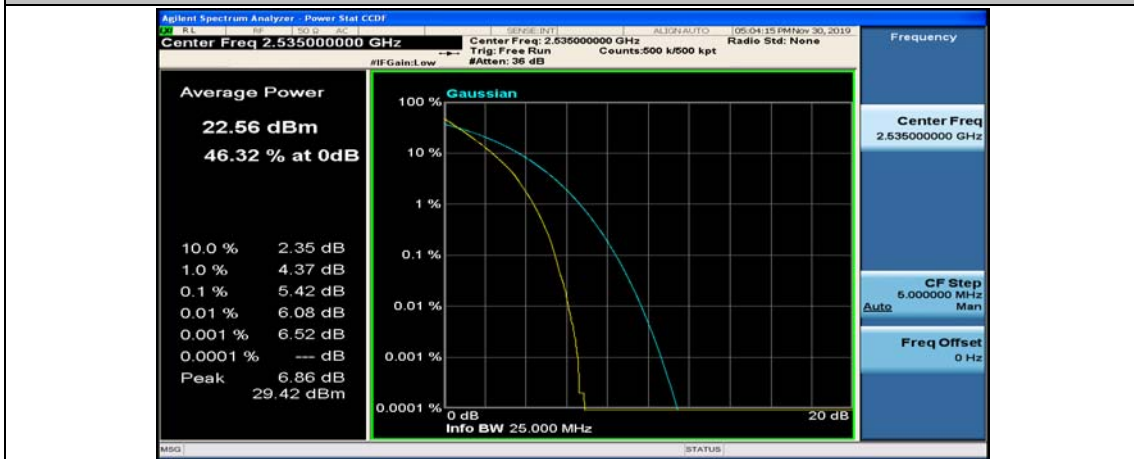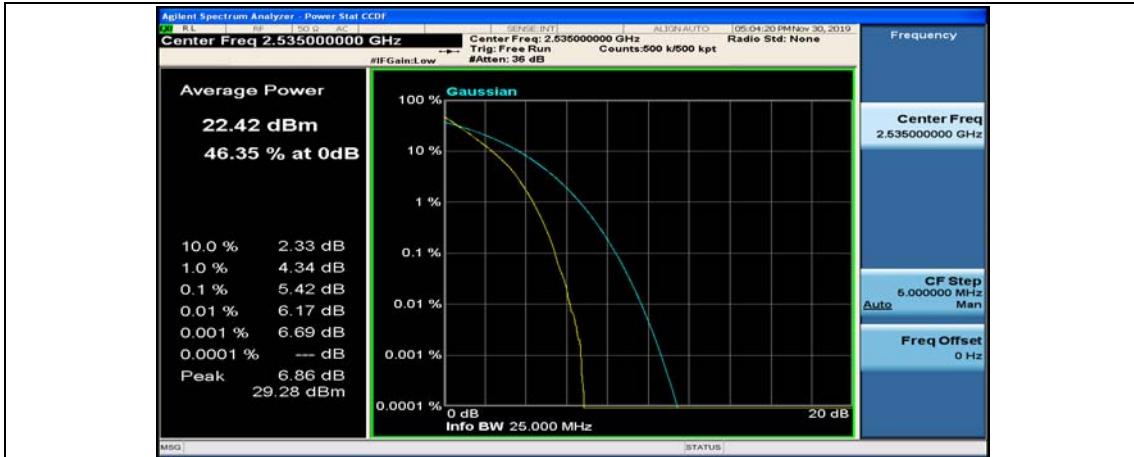(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#0

(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

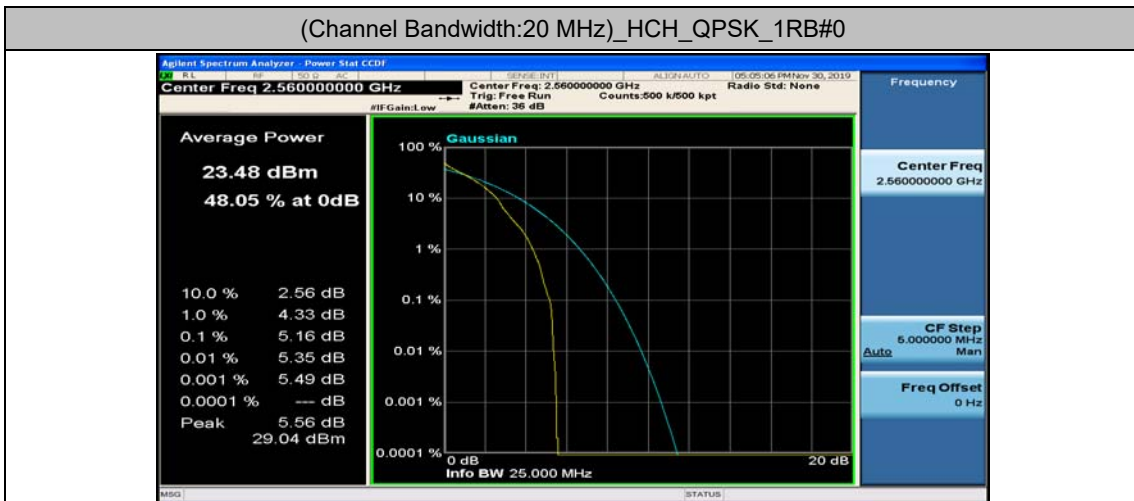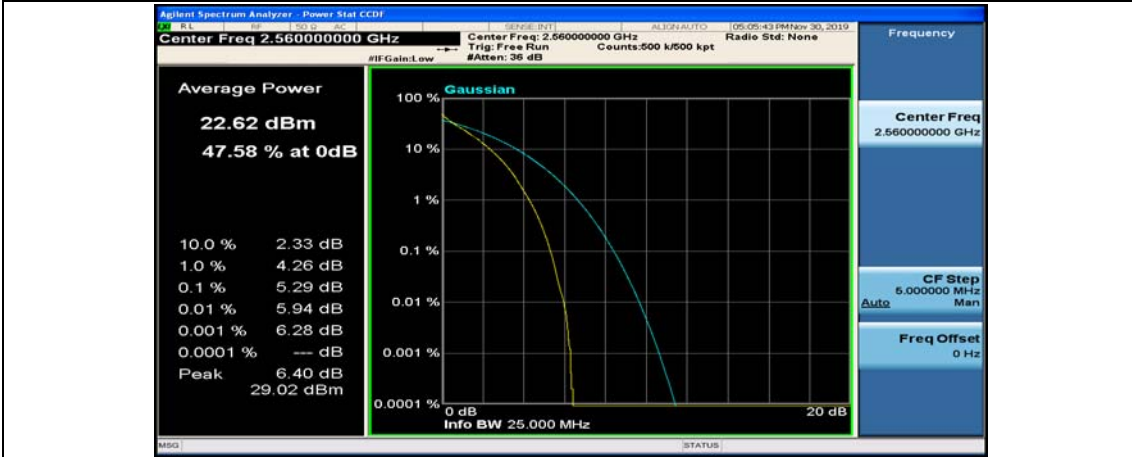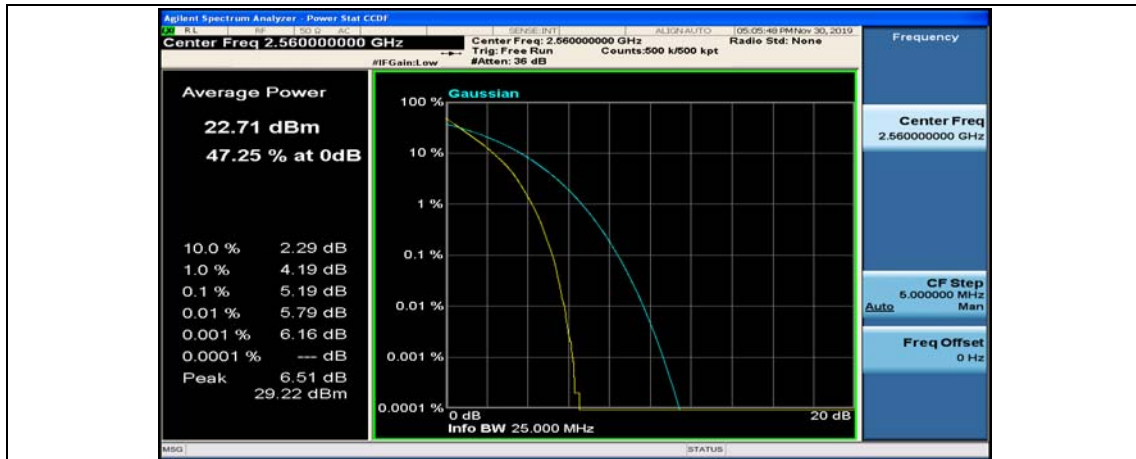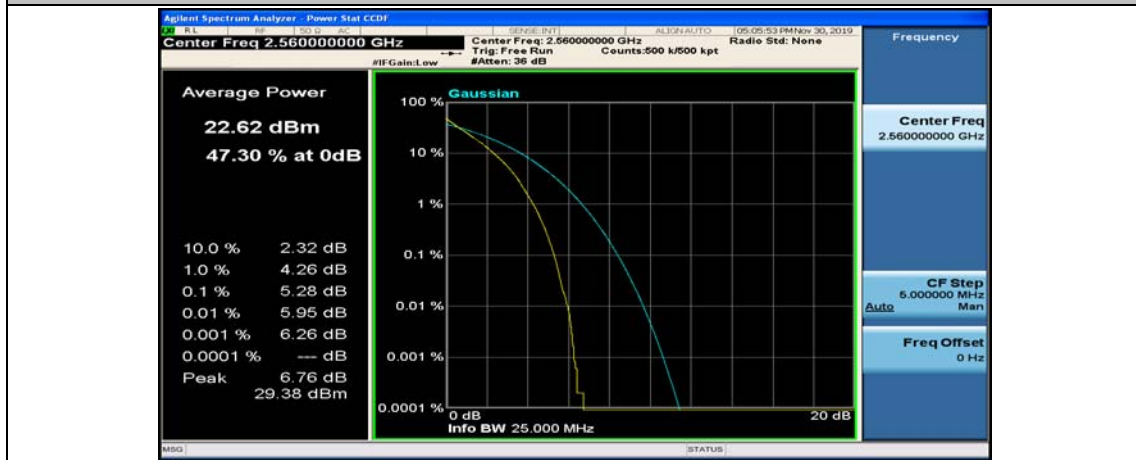| (Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#49 |
|---|

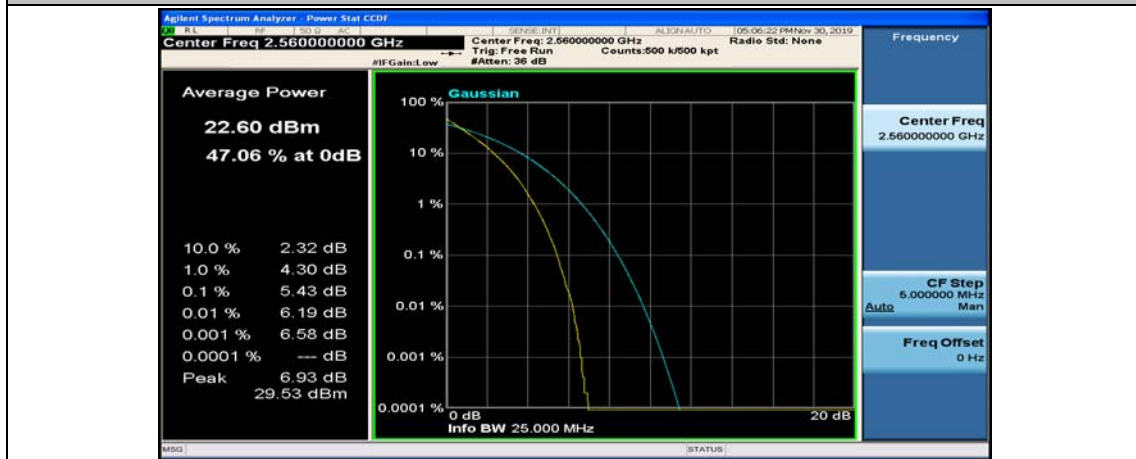(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#99

(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
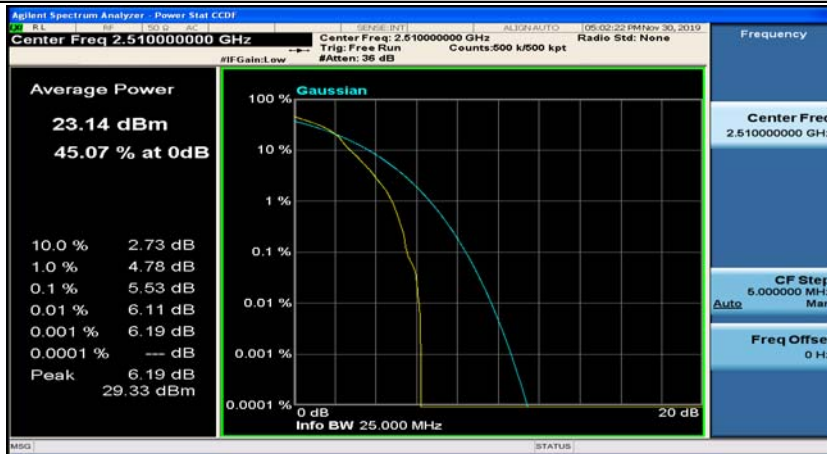

(Channel Bandwidth:20 MHz)_LCH_16QAM_100RB#0

(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#0
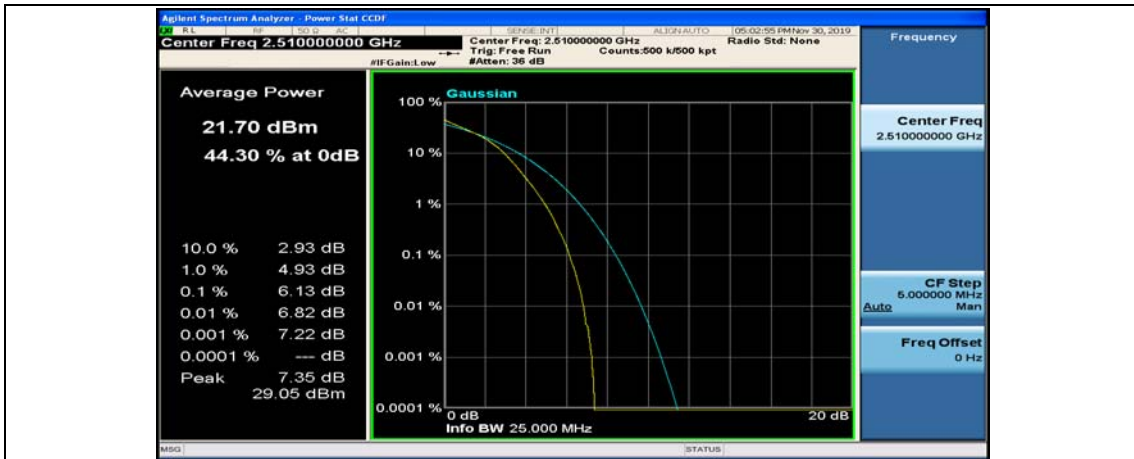

(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#49
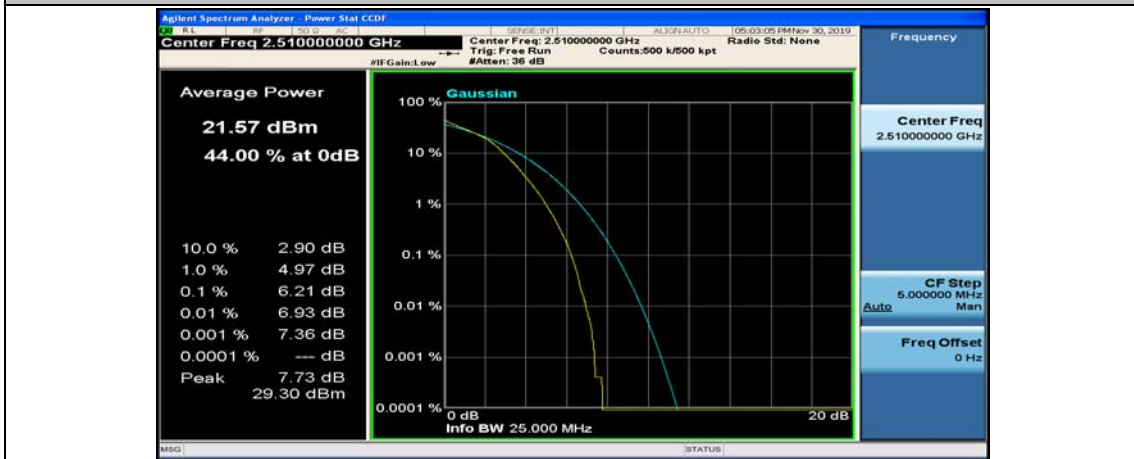

(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#99

(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
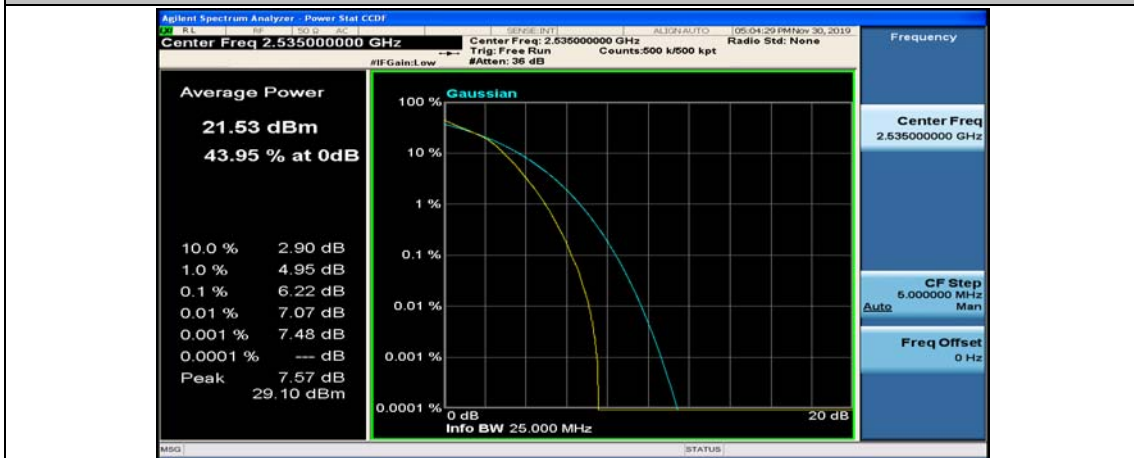

(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#0

(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#49

(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#99
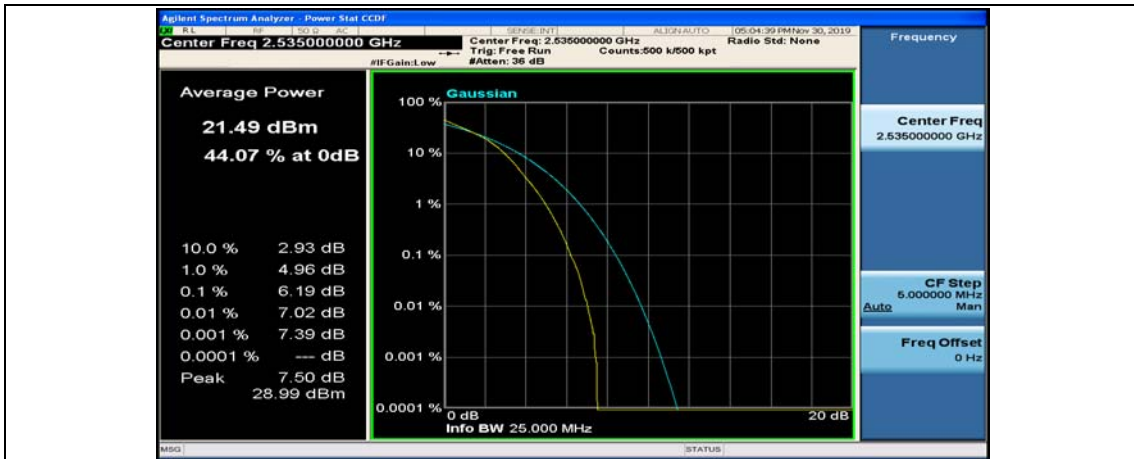

(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#0
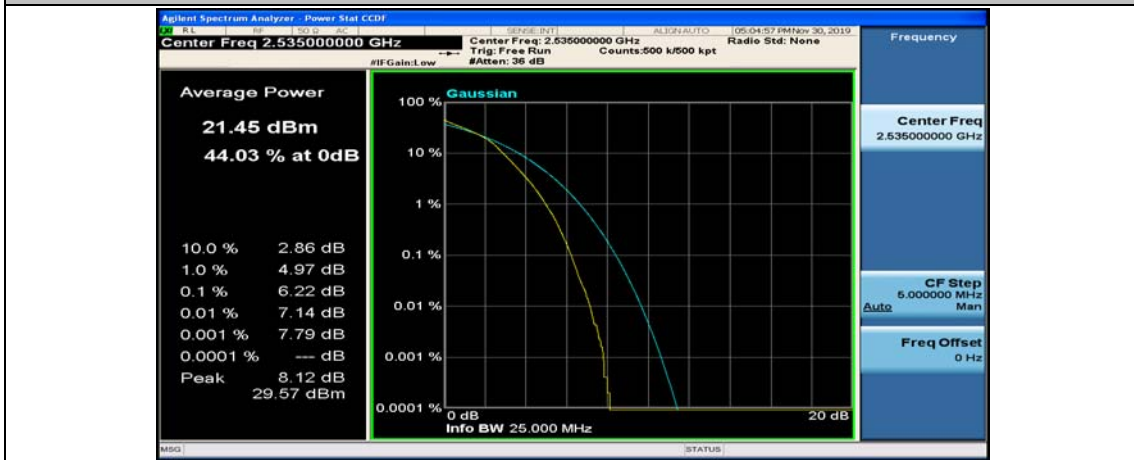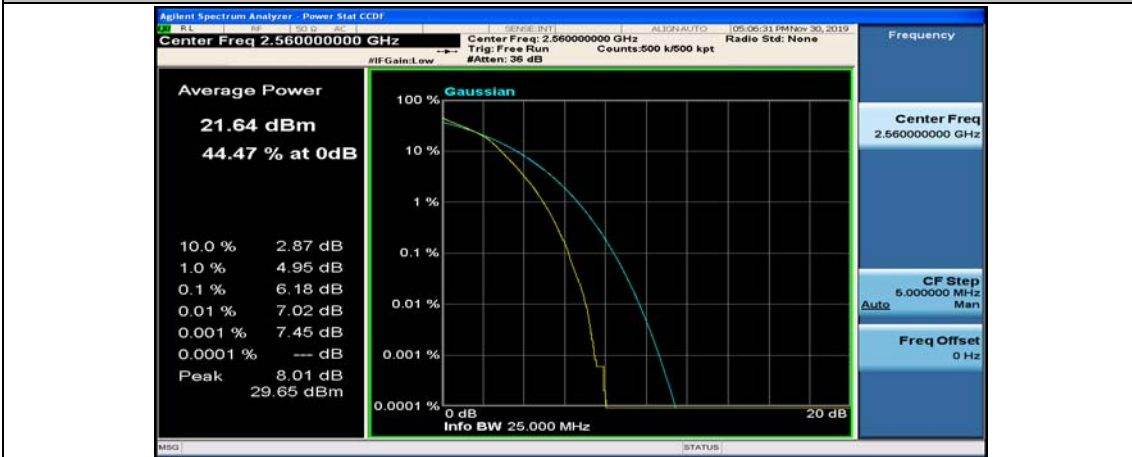

(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#25

(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: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth	26dB Bandwidth	Verdict
		Size	Offset	(MHz)	(MHz)	
QPSK	LCH	25	0	4.4722	4.746	PASS
	MCH	25	0	4.4817	4.718	PASS
	HCH	25	0	4.4675	4.766	PASS
16QAM	LCH	25	0	4.4749	4.718	PASS
	MCH	25	0	4.4684	4.767	PASS
	HCH	25	0	4.4838	4.729	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	8.9493	9.378	PASS
	MCH	50	0	8.9373	9.358	PASS
	HCH	50	0	8.9373	9.333	PASS
16QAM	LCH	50	0	8.9416	9.378	PASS
	MCH	50	0	8.9431	9.347	PASS
	HCH	50	0	8.9241	9.332	PASS

Channel Bandwidth: 15 MHz

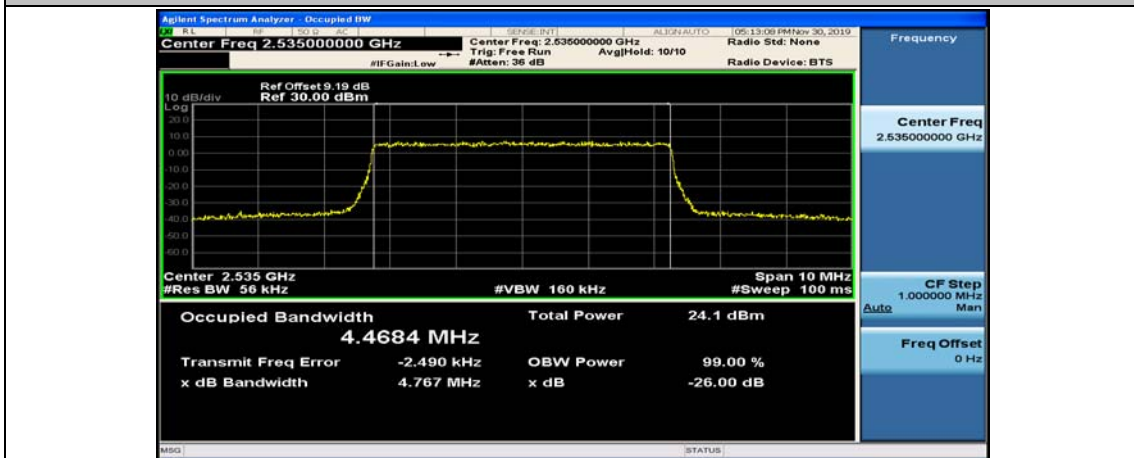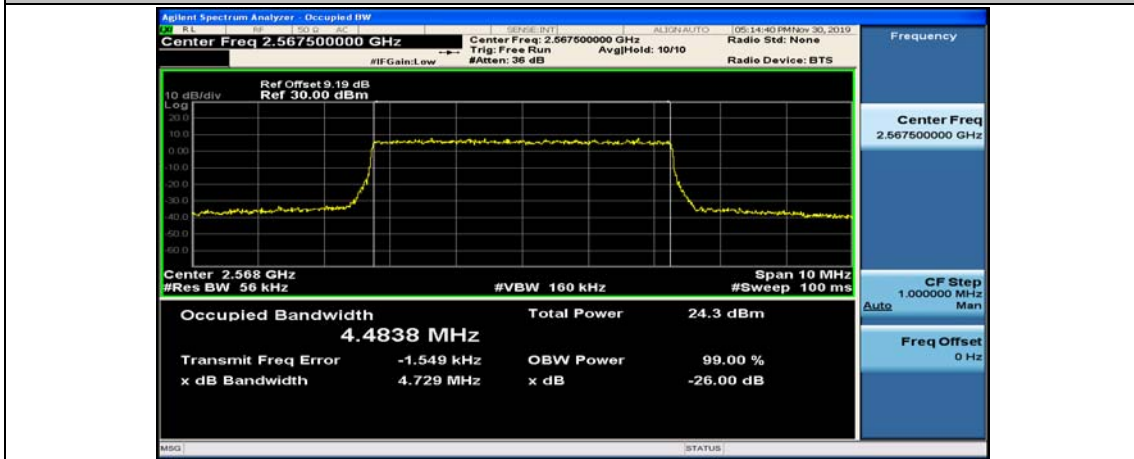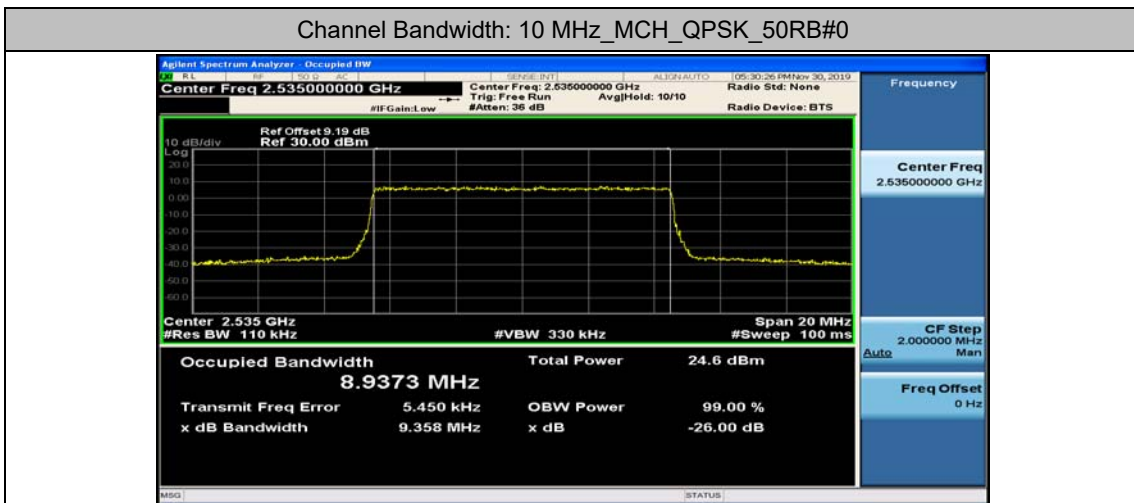| Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth	26dB Bandwidth	Verdict
		Size	Offset	(MHz)	(MHz)	
QPSK	LCH	75	0	13.393	14.01	PASS
	MCH	75	0	13.395	14.01	PASS
	HCH	75	0	13.392	13.99	PASS
16QAM	LCH	75	0	13.401	13.97	PASS
	MCH	75	0	13.399	14.02	PASS
	HCH	75	0	13.406	13.94	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	17.848	18.54	PASS
	MCH	100	0	17.858	18.57	PASS
	HCH	100	0	17.873	18.53	PASS
16QAM	LCH	100	0	17.861	18.55	PASS
	MCH	100	0	17.853	18.58	PASS
	HCH	100	0	17.844	18.56	PASS

Test Graphs

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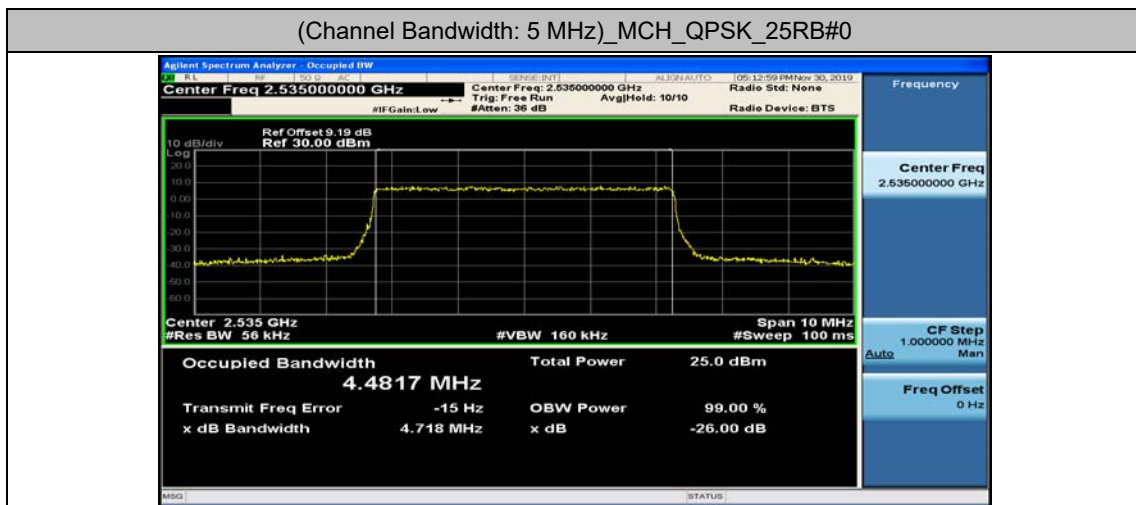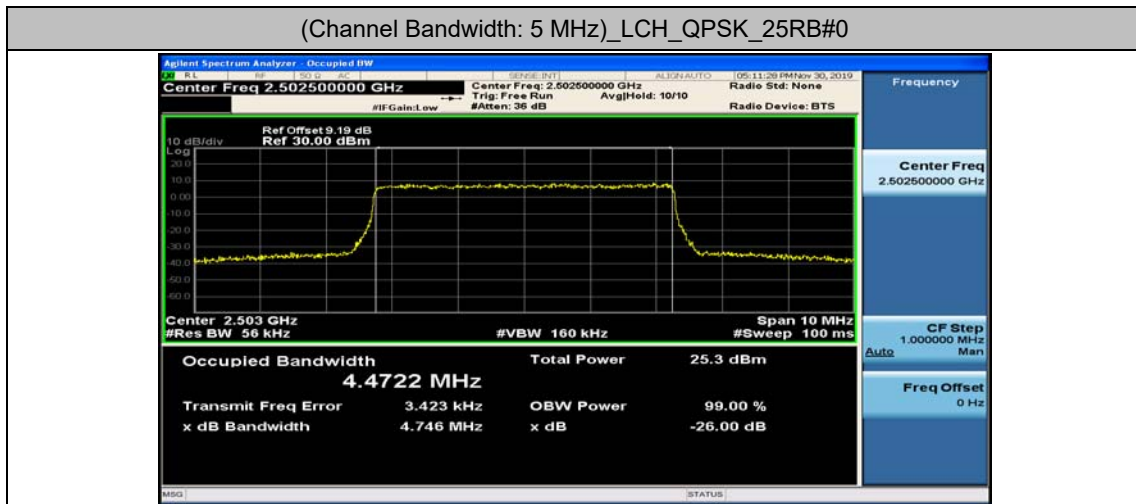
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0

(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0

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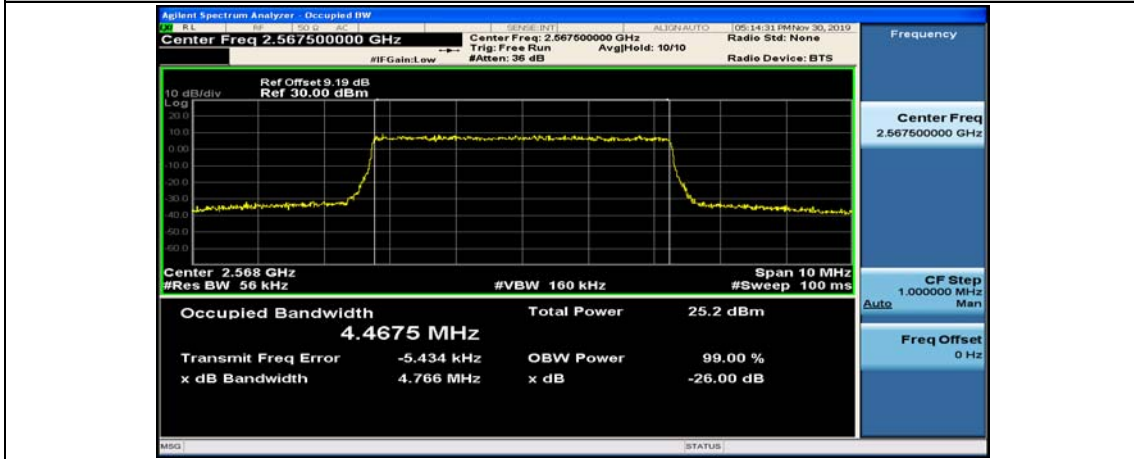
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0
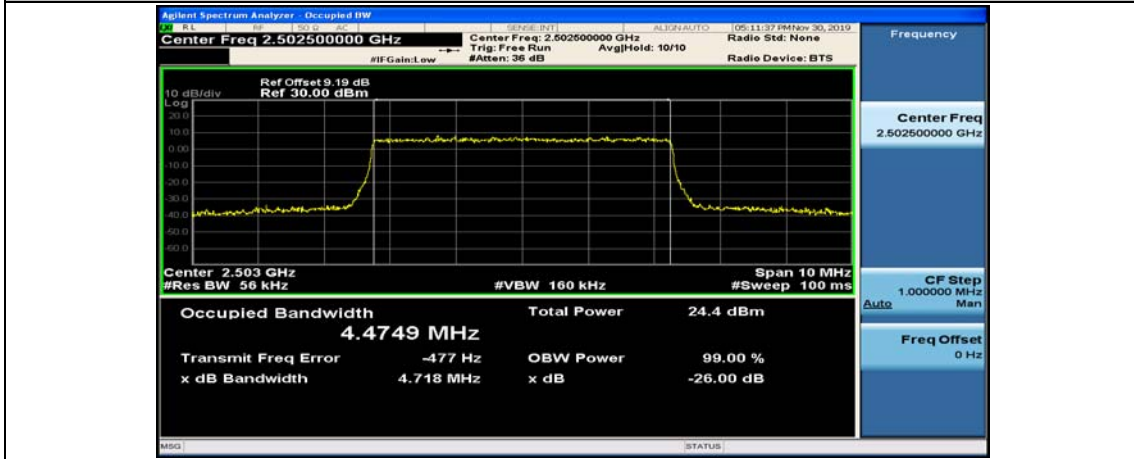
(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0

(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0

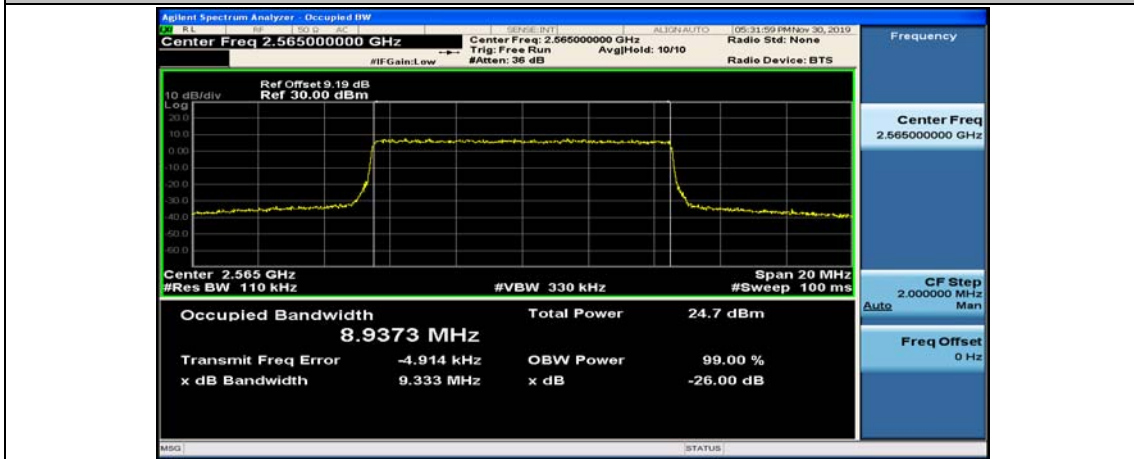| Channel Bandwidth: 10 MHz |
|---|

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0
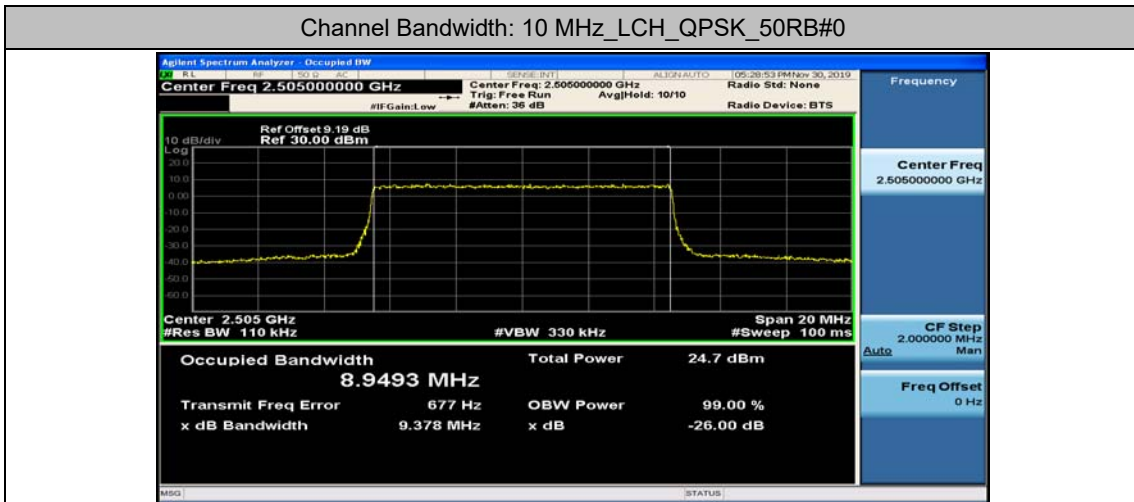
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0

Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0

Occupied Bandwidth	Total Power	24.7 dBm
8.9373 MHz		
Transmit Freq Error	-4.914 kHz	OBW Power	99.00 %
x dB Bandwidth	9.333 MHz	x dB	-26.00 dB

Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0

Occupied Bandwidth	Total Power	23.7 dBm
8.9416 MHz		
Transmit Freq Error	-4.945 kHz	OBW Power	99.00 %
x dB Bandwidth	9.378 MHz	x dB	-26.00 dB
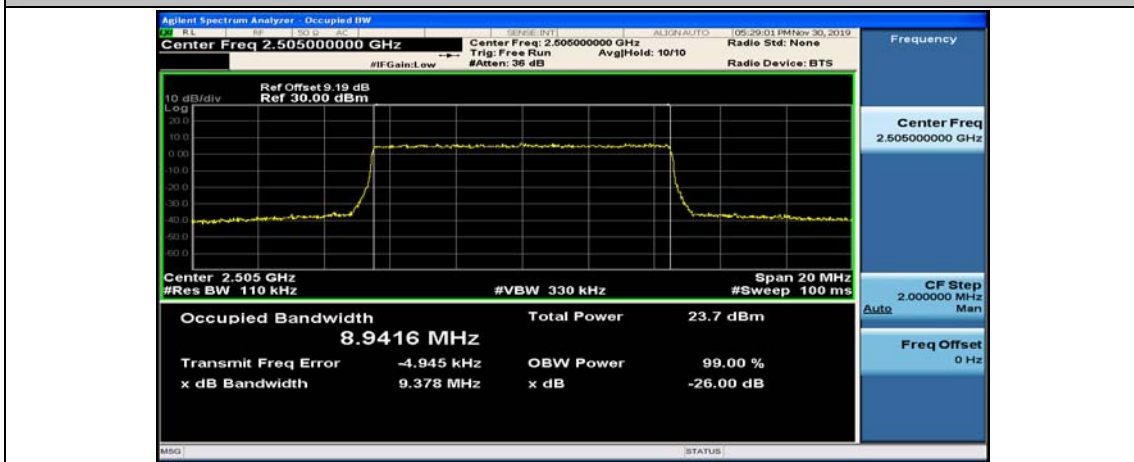
Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0
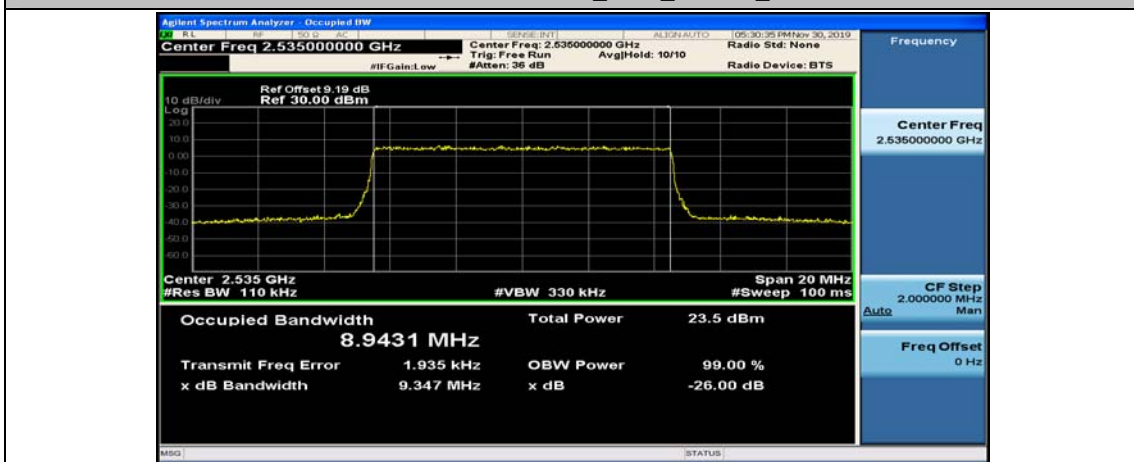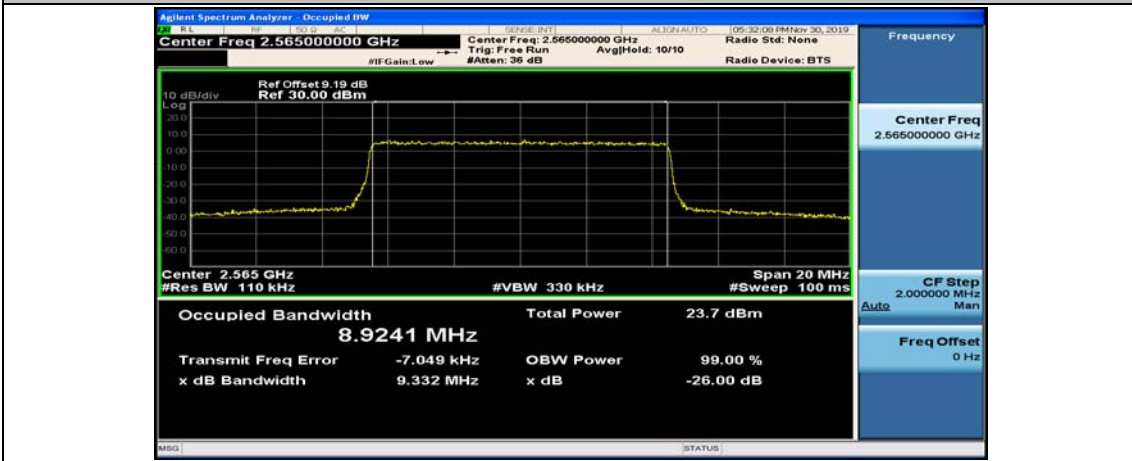
Occupied Bandwidth	Total Power	23.5 dBm
8.9431 MHz		
Transmit Freq Error	1.935 kHz	OBW Power	99.00 %
x dB Bandwidth	9.347 MHz	x dB	-26.00 dB

Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0

Channel Bandwidth: 15 MHz

(Channel Bandwidth:15 MHz)_LCH_QPSK_75RB#0
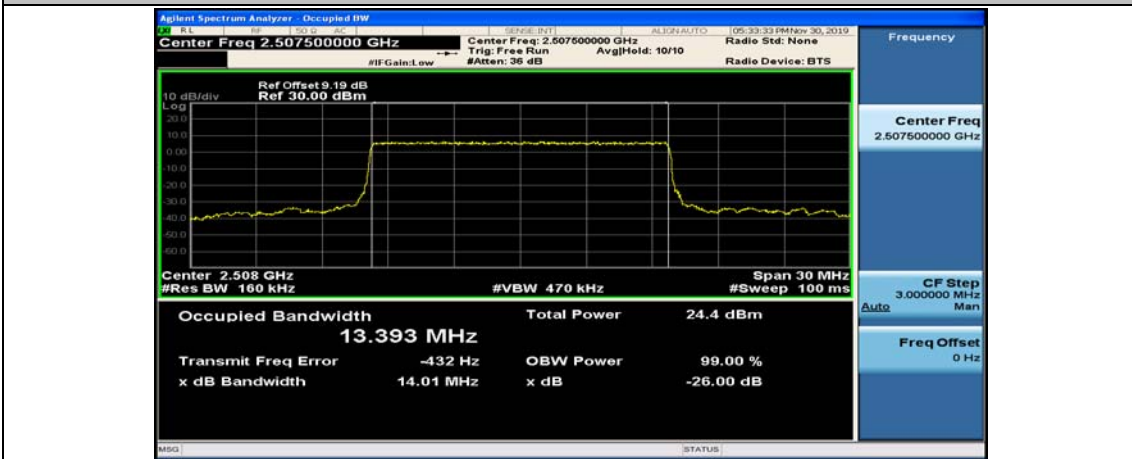
(Channel Bandwidth:15 MHz)_MCH_QPSK_75RB#0
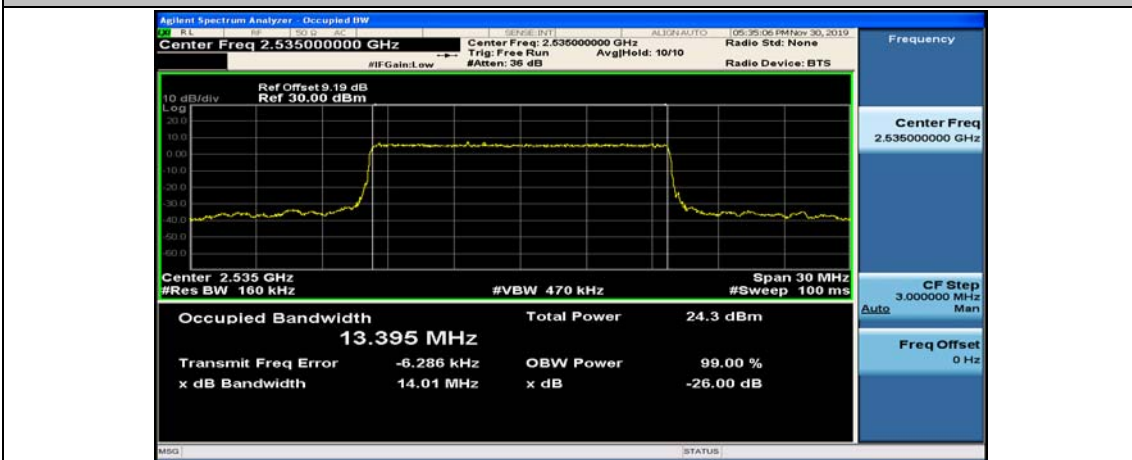
(Channel Bandwidth:15 MHz)_HCH_QPSK_75RB#0
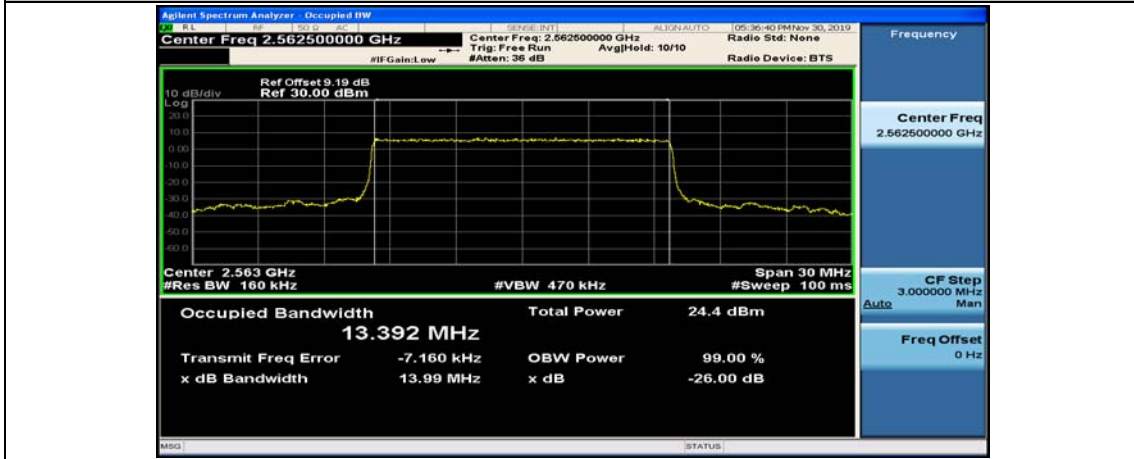
(Channel Bandwidth:15 MHz)_LCH_16QAM_75RB#0
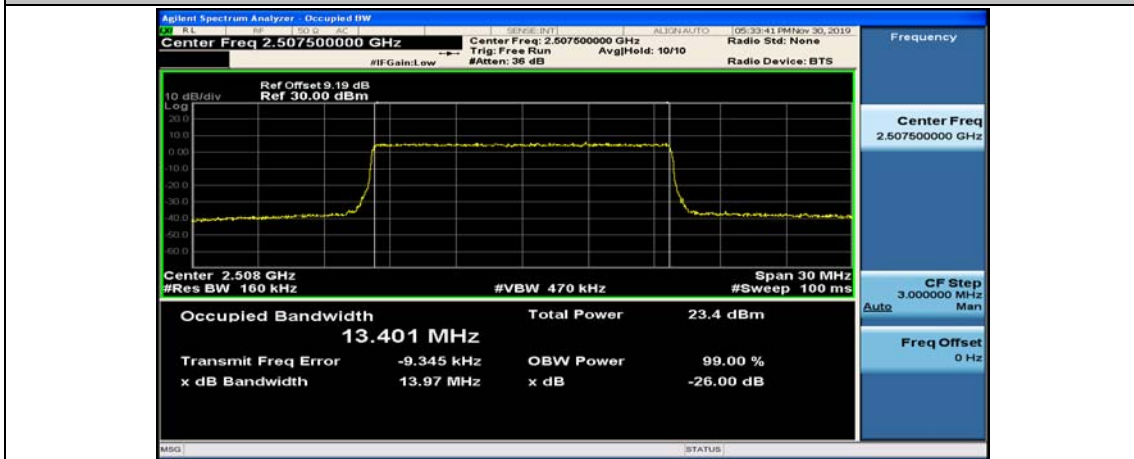
(Channel Bandwidth:15 MHz)_MCH_16QAM_75RB#0
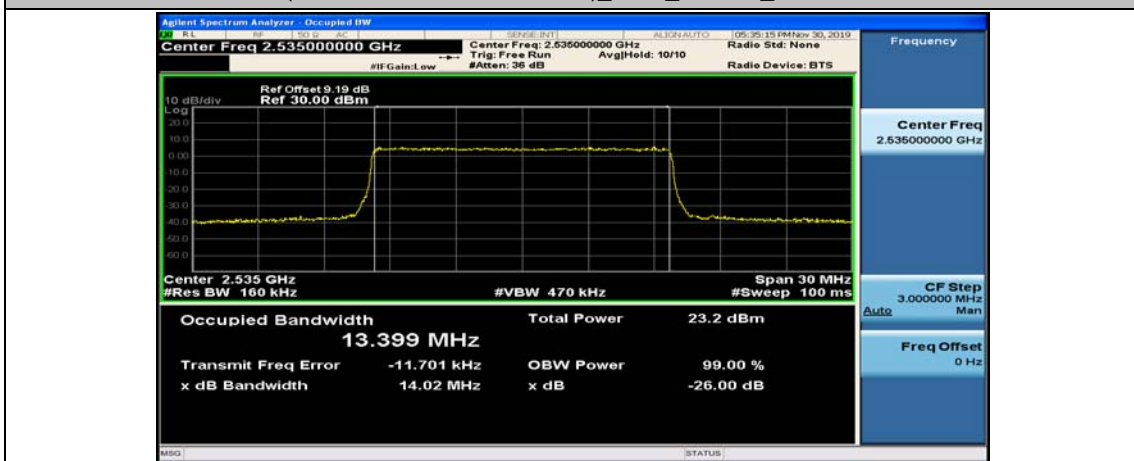
(Channel Bandwidth:15 MHz)_HCH_16QAM_75RB#0
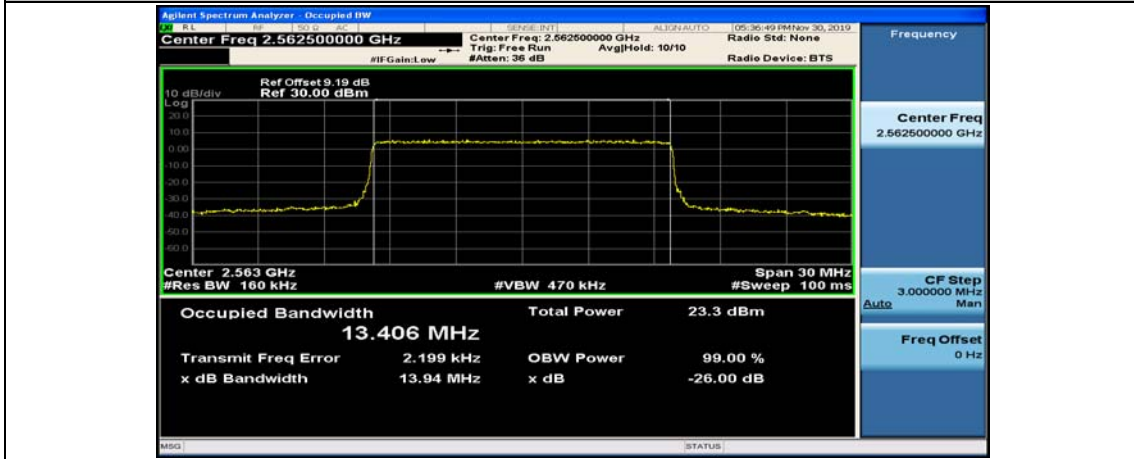
Channel Bandwidth: 20 MHz

(Channel Bandwidth:20 MHz)_LCH_QPSK_100RB#0
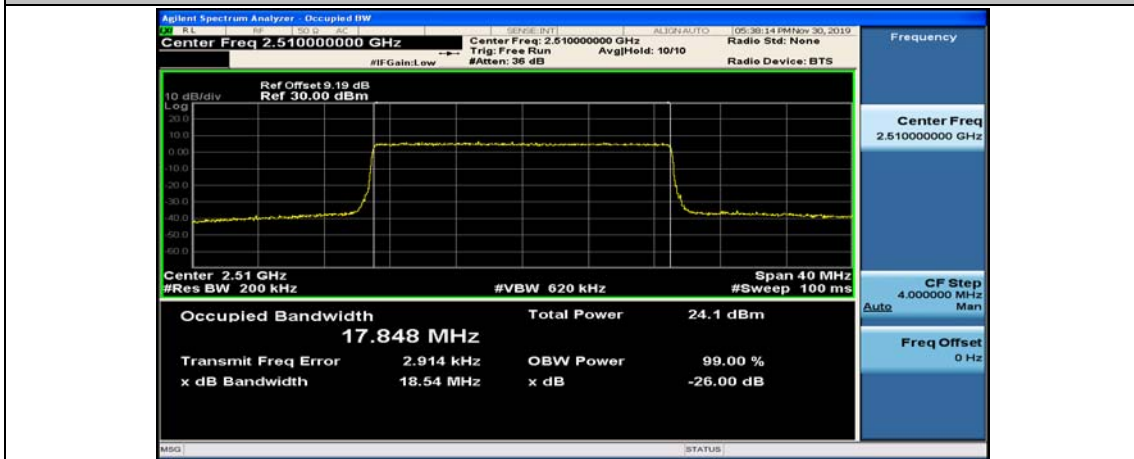
(Channel Bandwidth:20 MHz)_MCH_QPSK_100RB#0
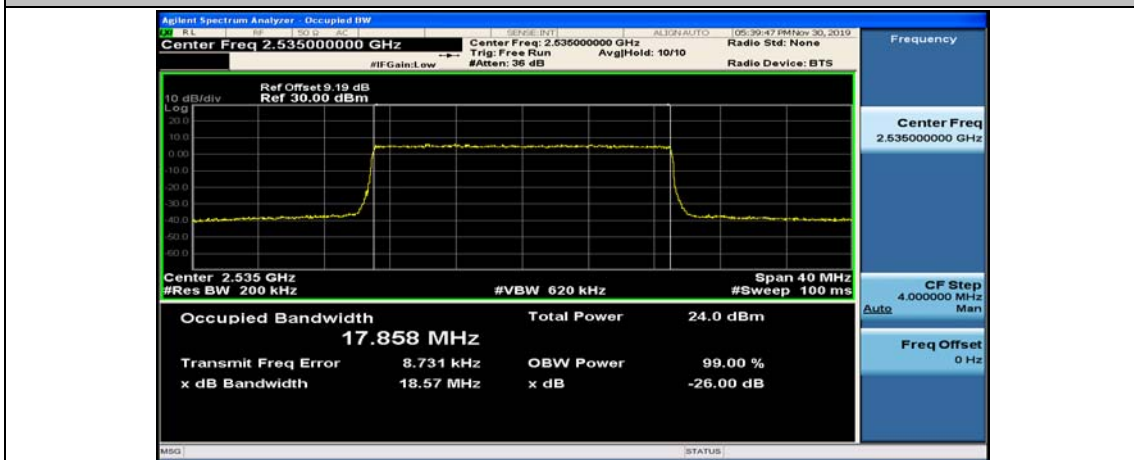
(Channel Bandwidth:20 MHz)_HCH_QPSK_100RB#0
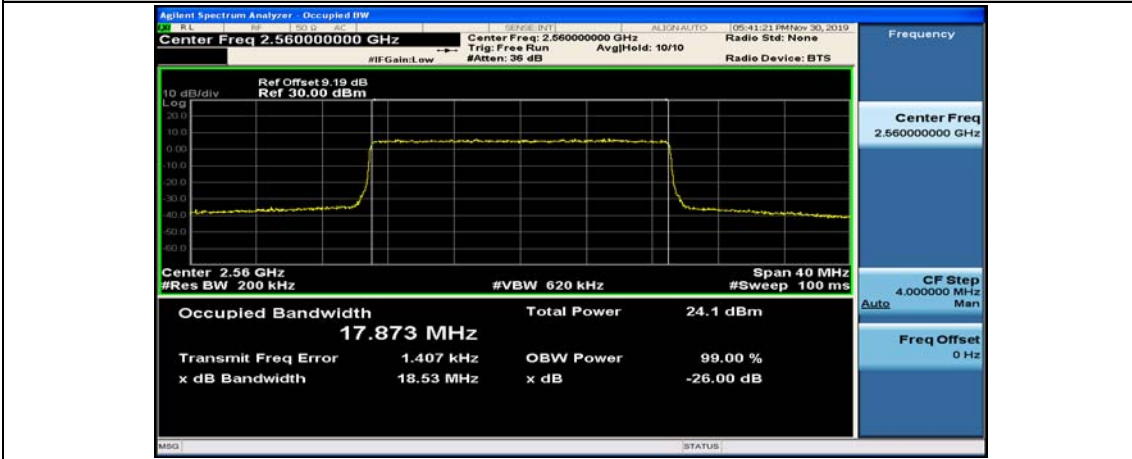
(Channel Bandwidth:20 MHz)_LCH_16QAM_100RB#0
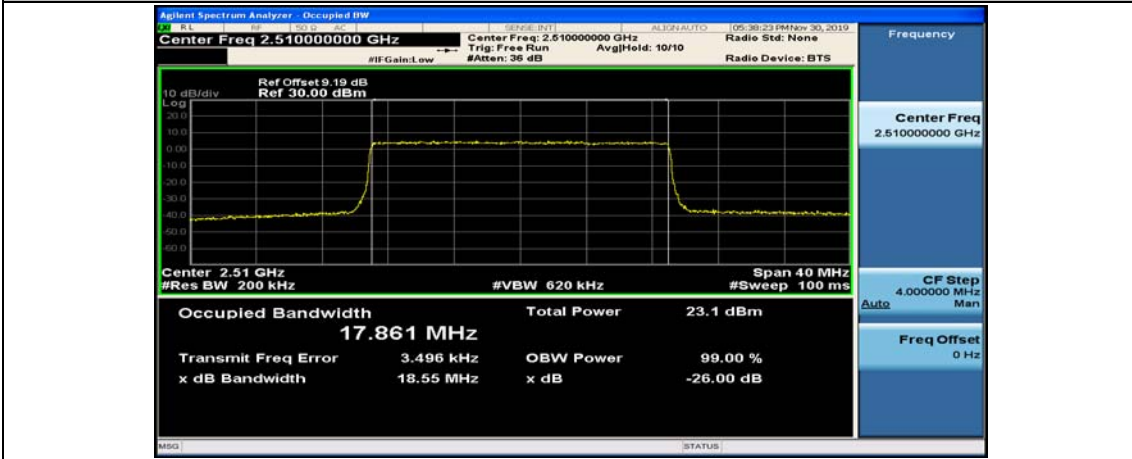
(Channel Bandwidth:20 MHz)_MCH_16QAM_100RB#0
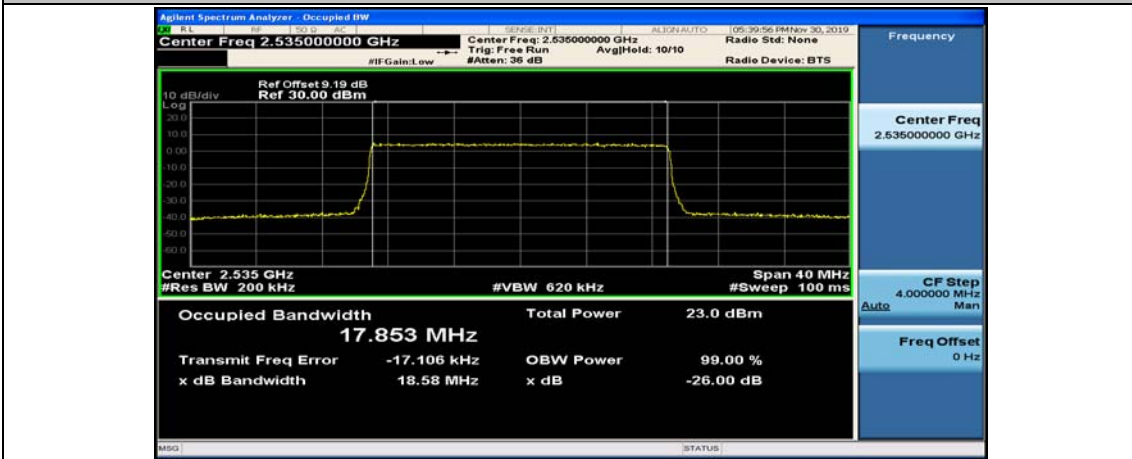
(Channel Bandwidth:20 MHz)_HCH_16QAM_100RB#0
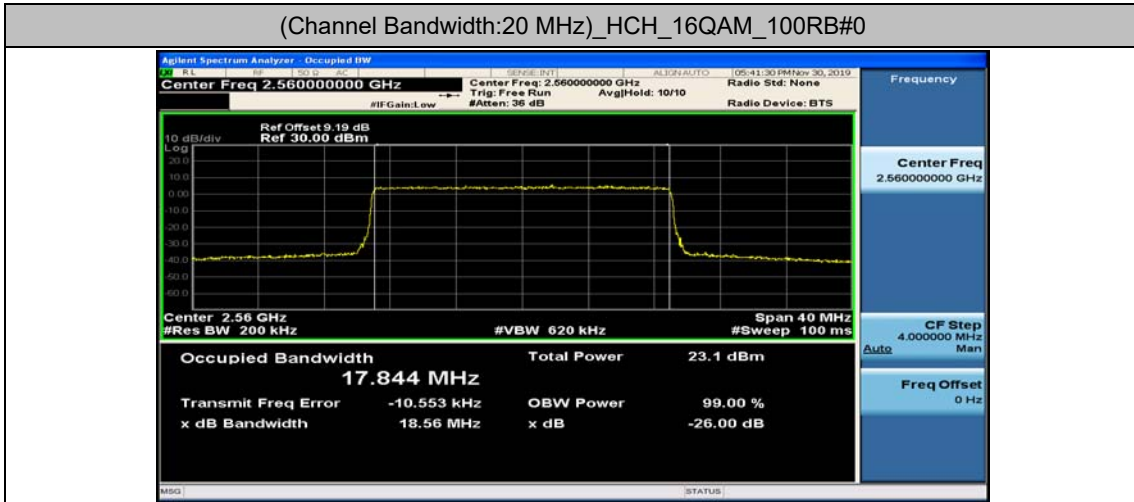
Appendix D: Band Edge

Test Graphs

Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0
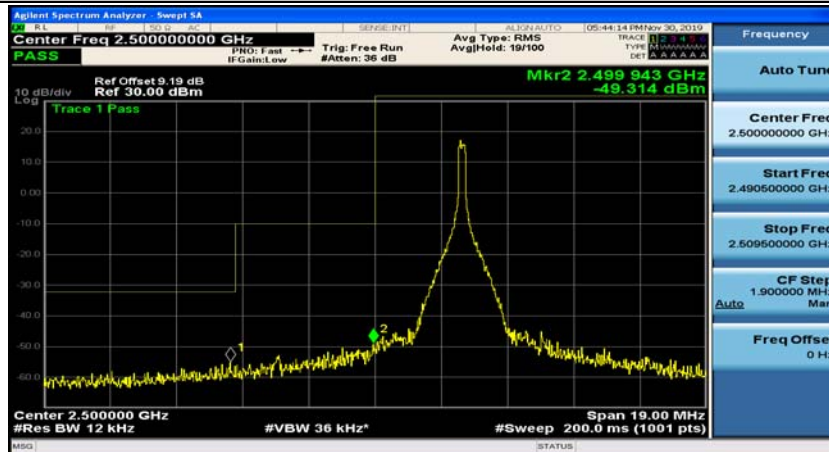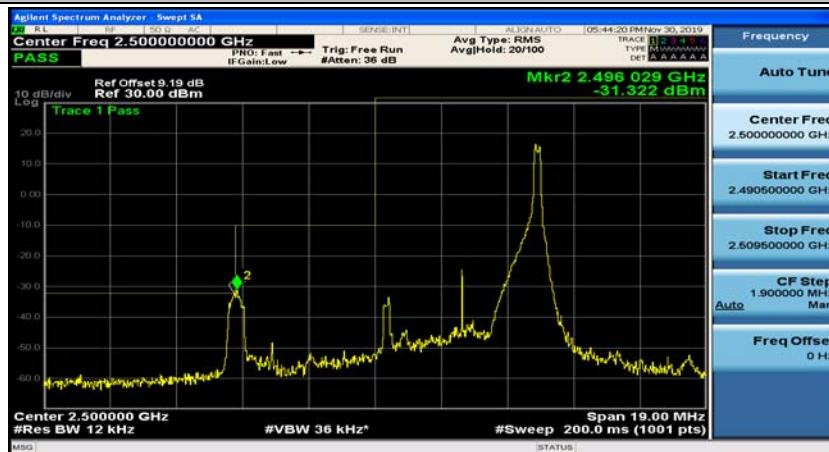
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6
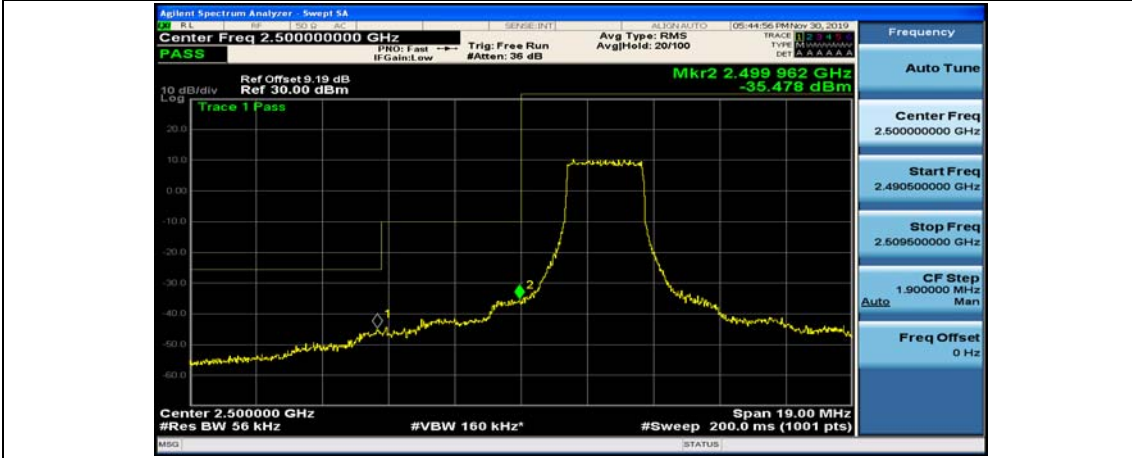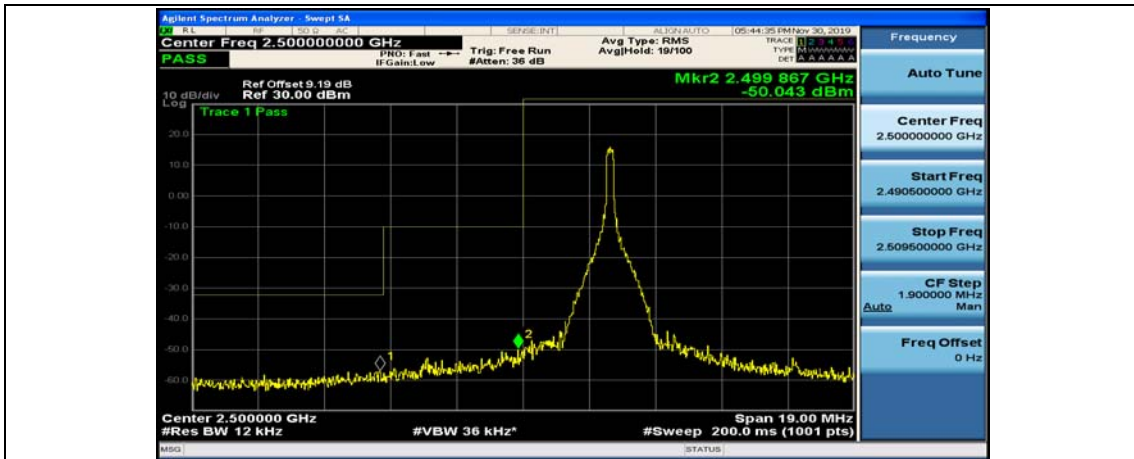

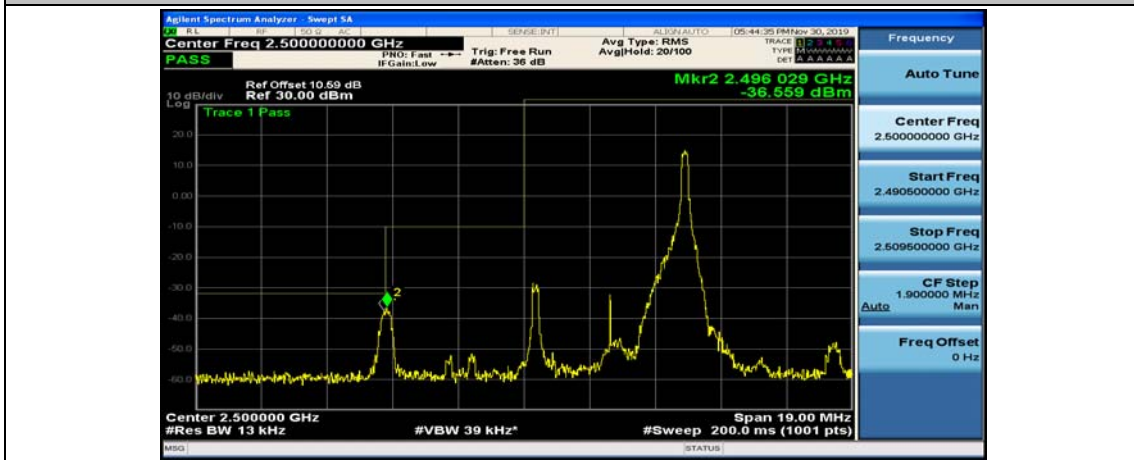(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13

(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0
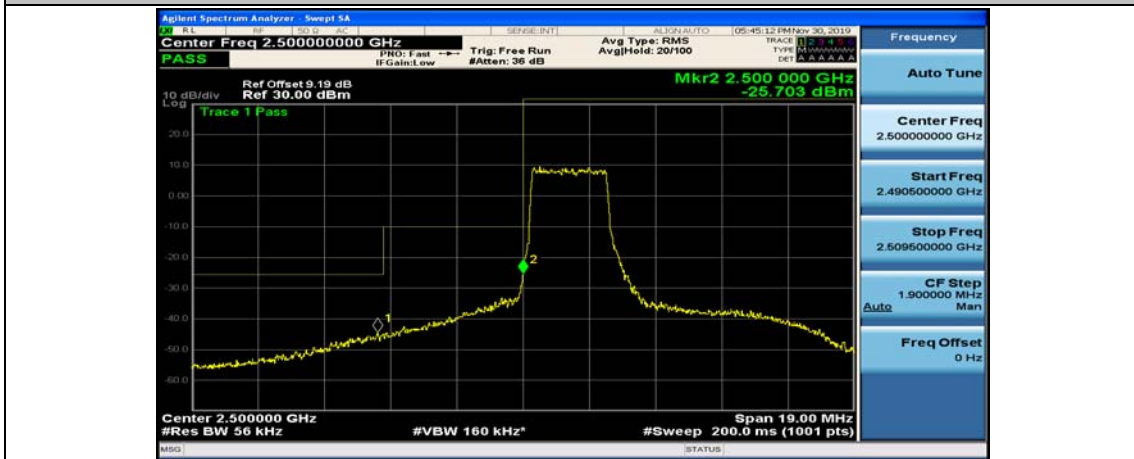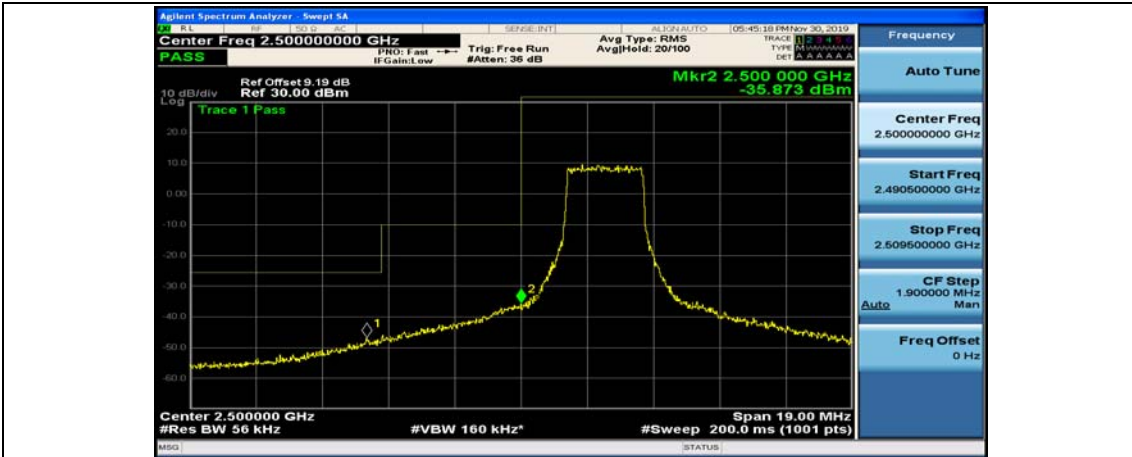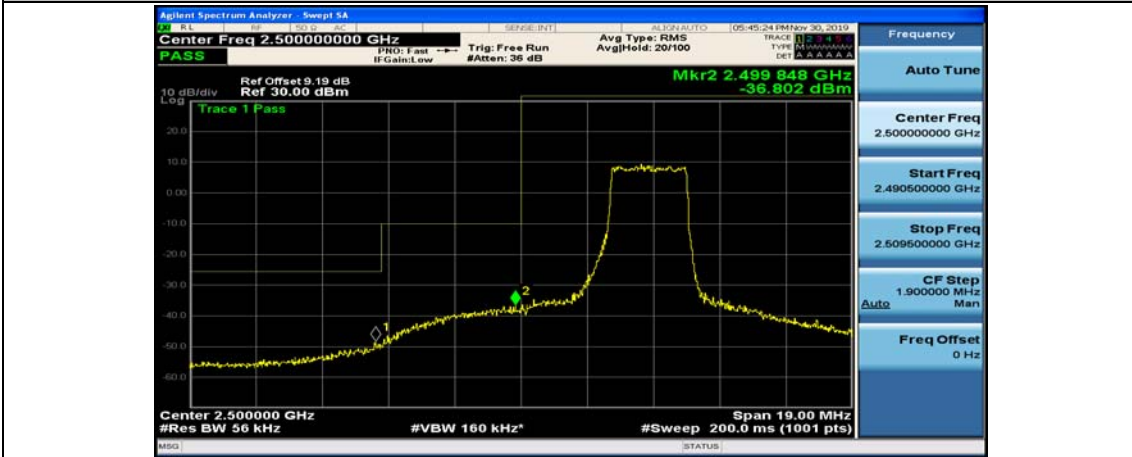
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0
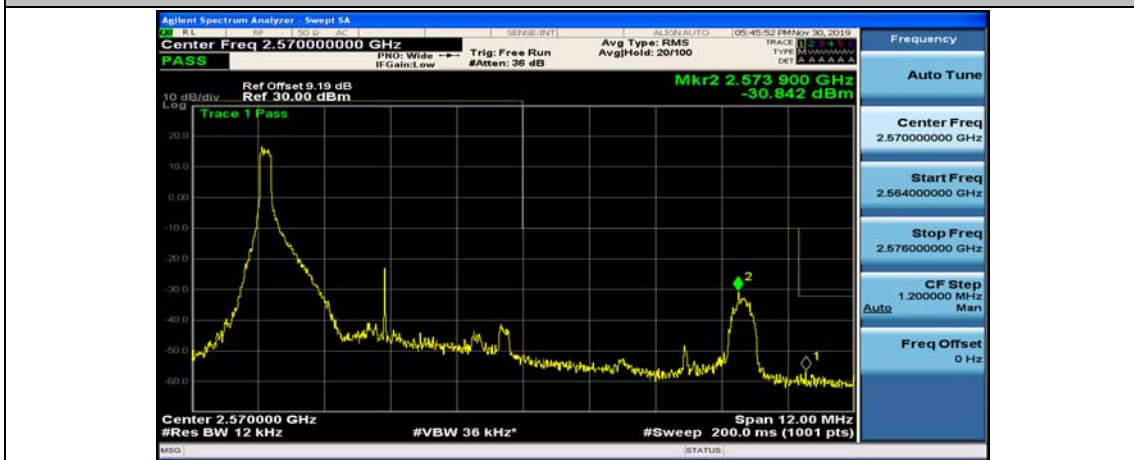
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12

(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24
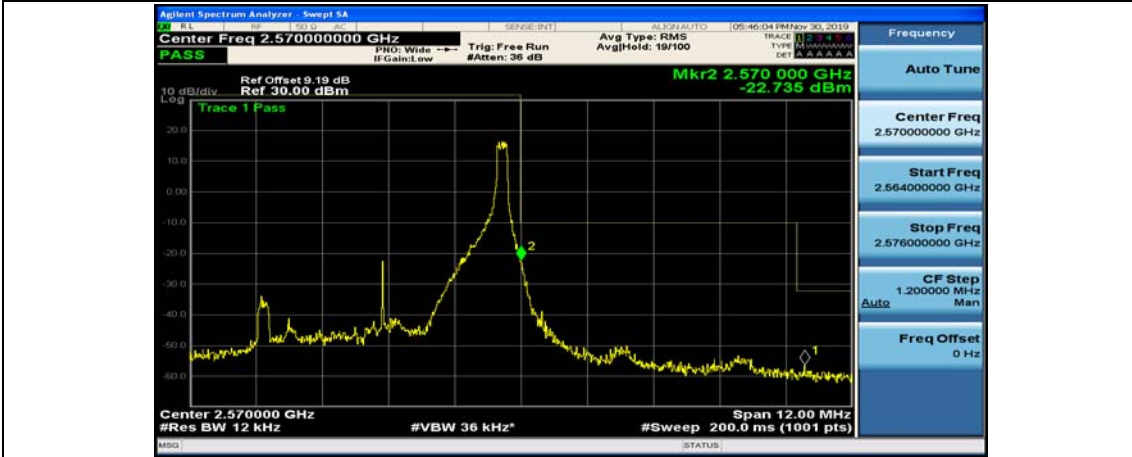
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0
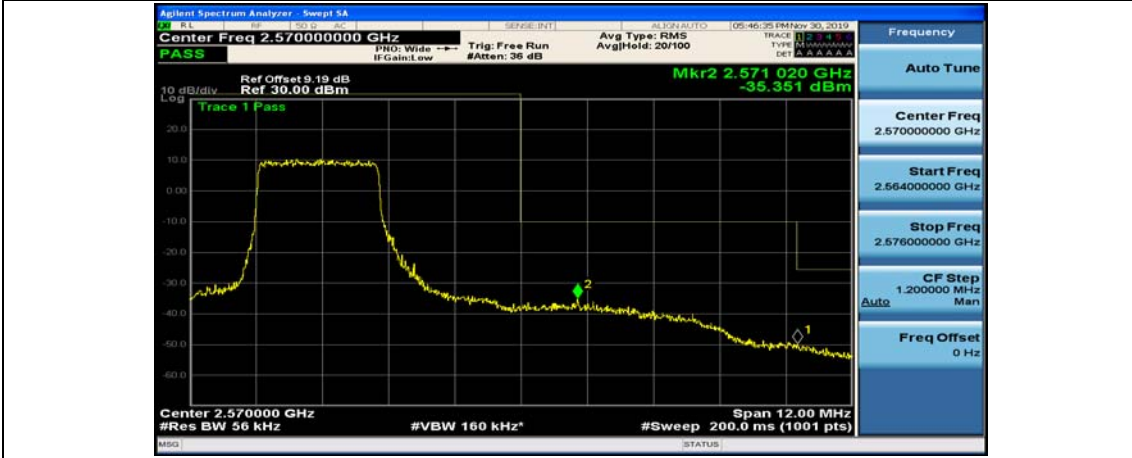
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6
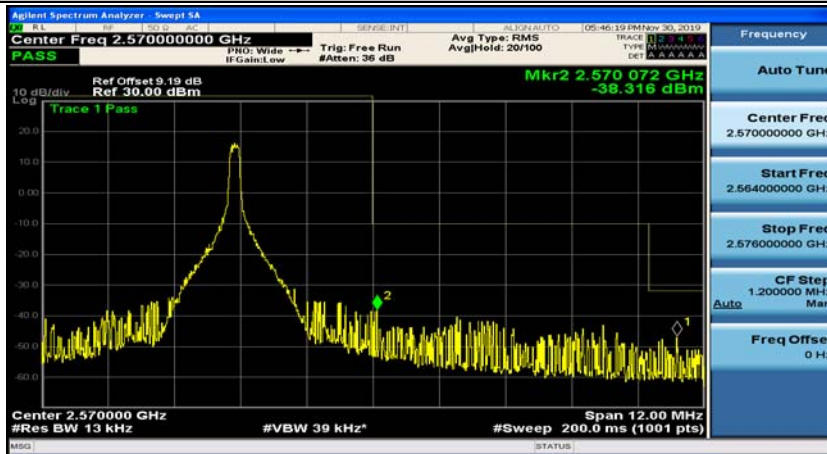

(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13
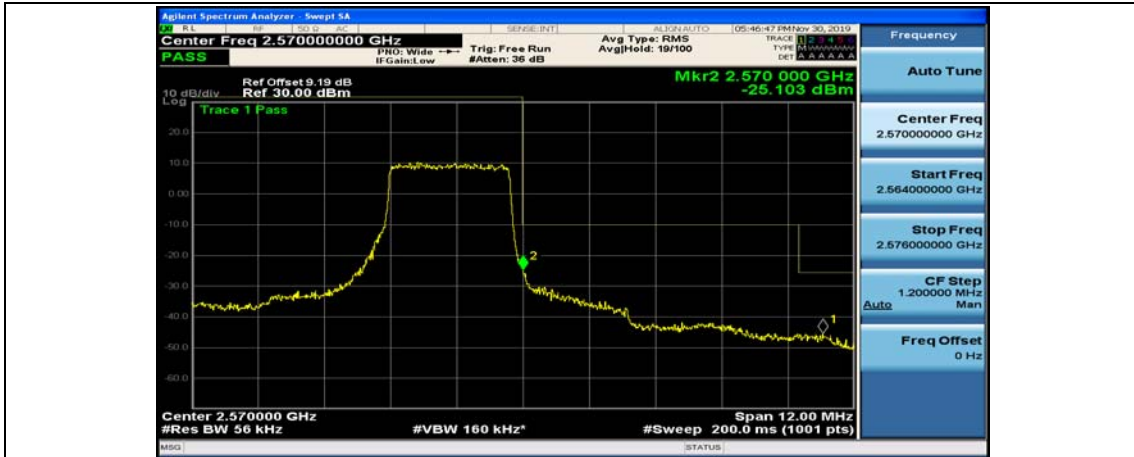
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0

(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0

(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12

(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24
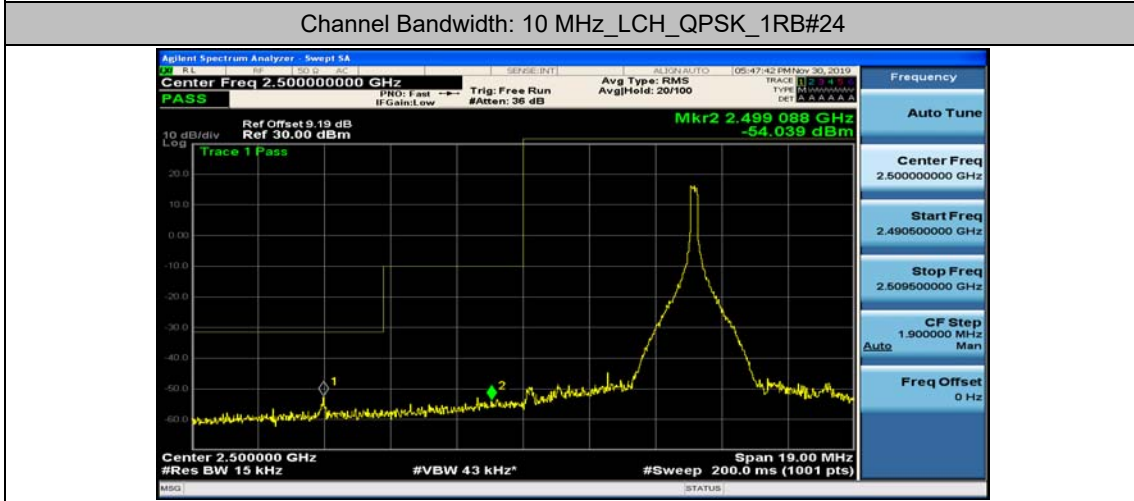

(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0
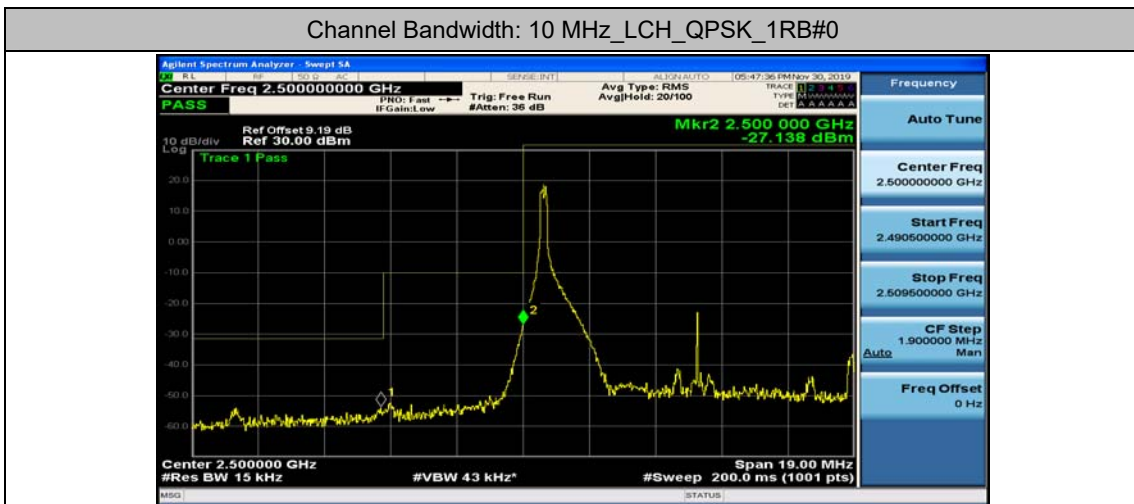

(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6
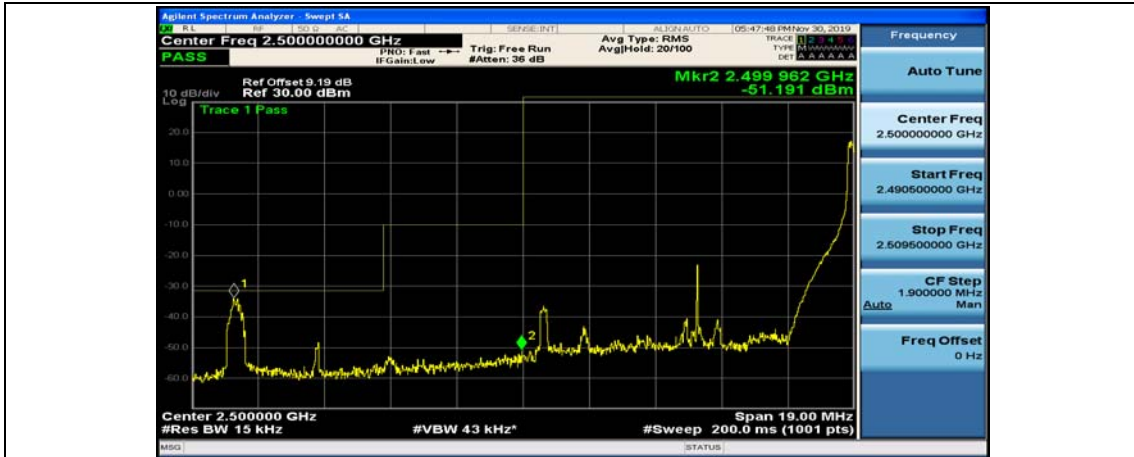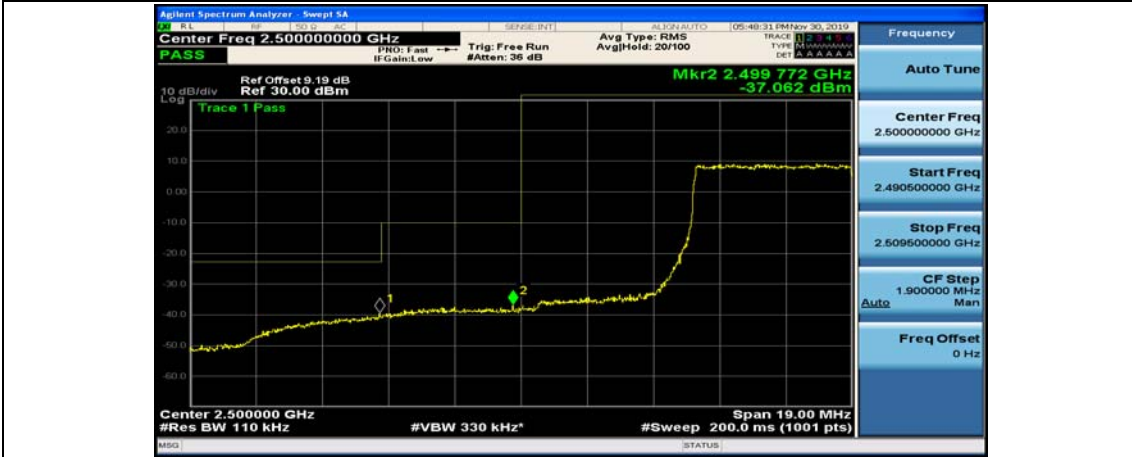
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13

(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0

(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0

(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6

(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13

(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#0
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#24
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#49

Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#0
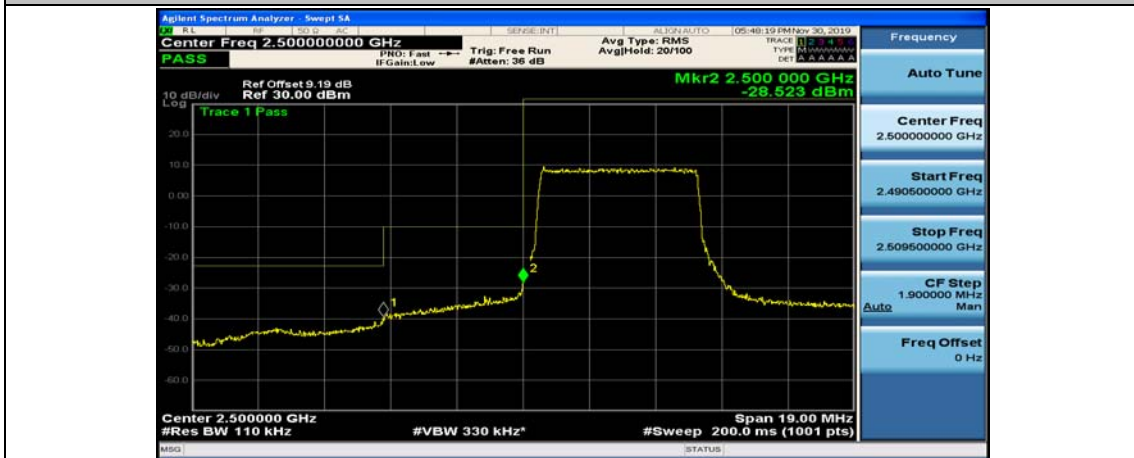
Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#12
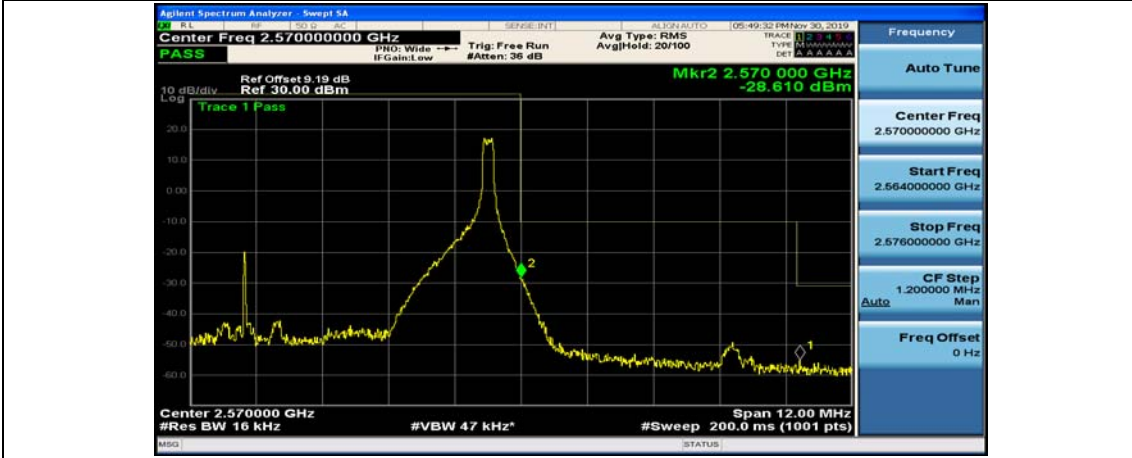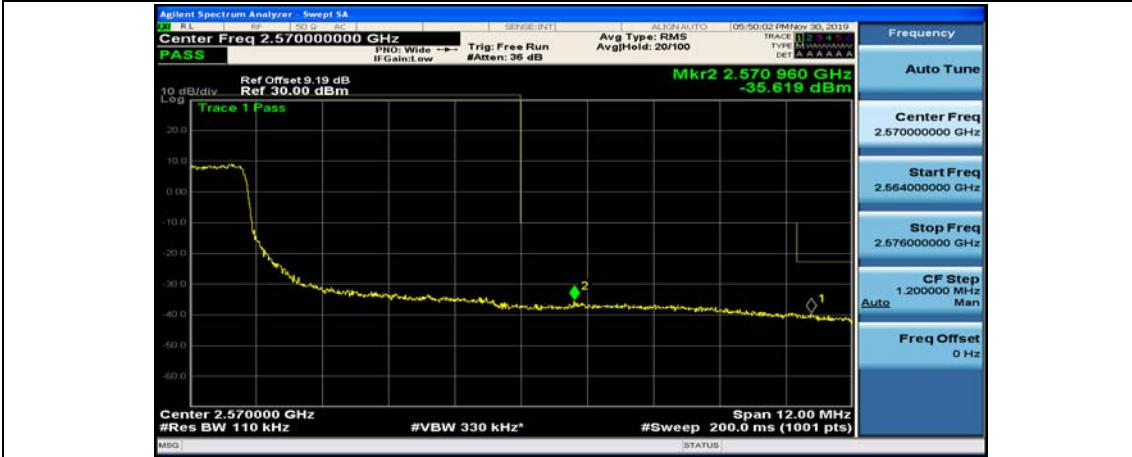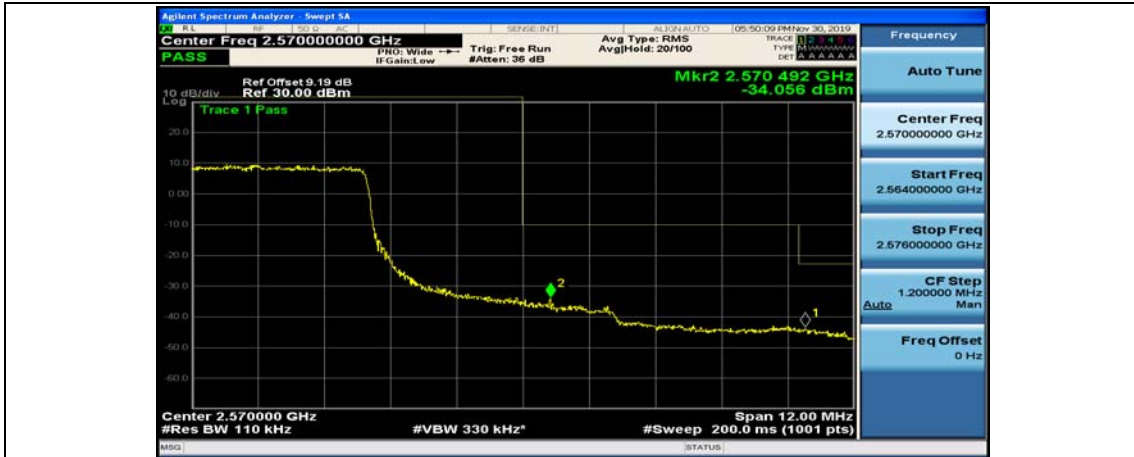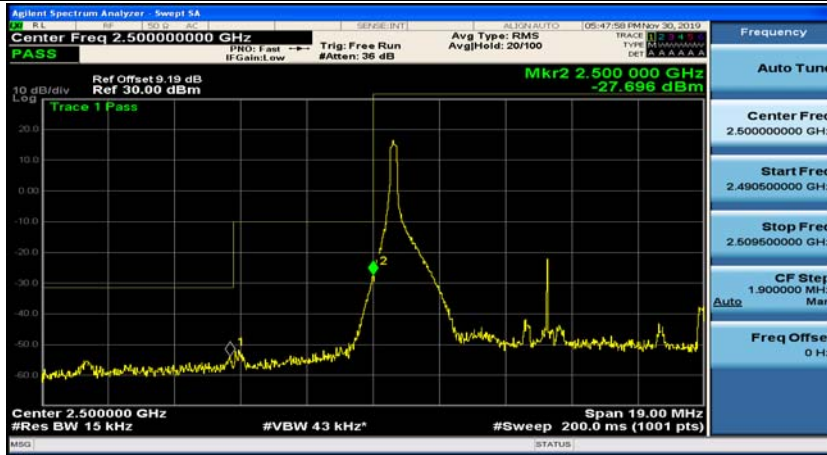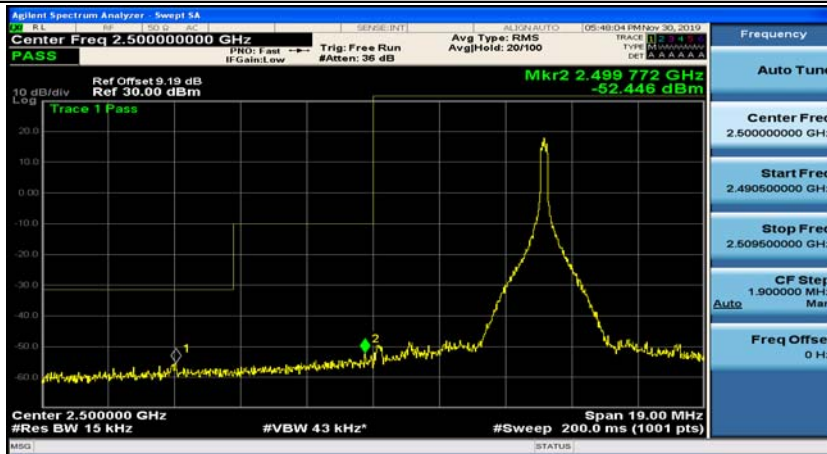

Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#25
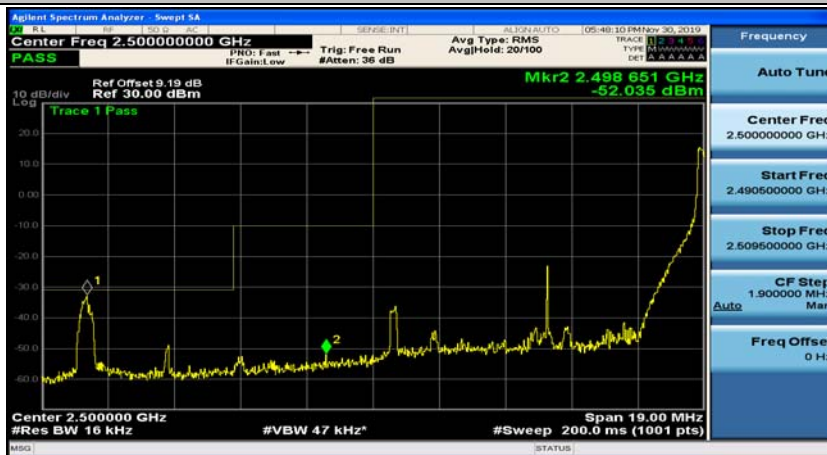
Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0

Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0
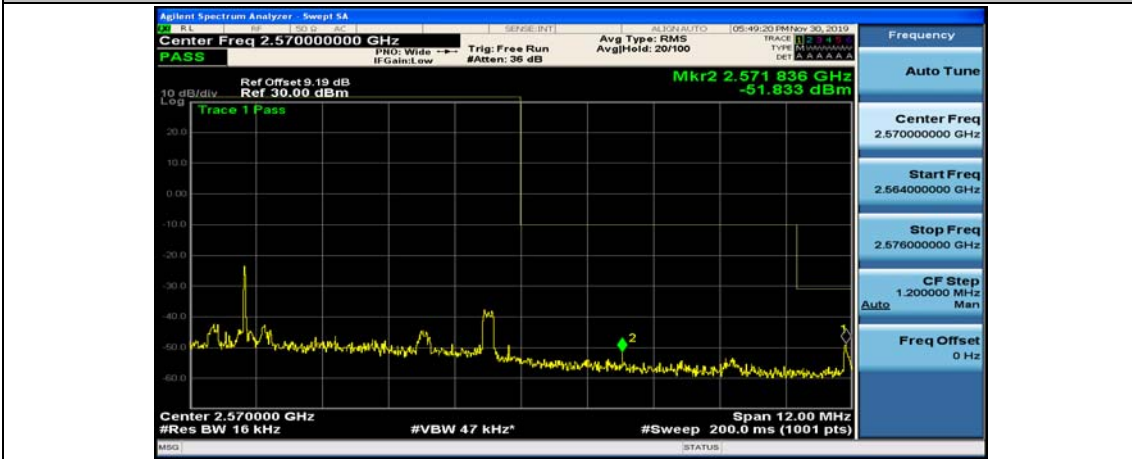
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24

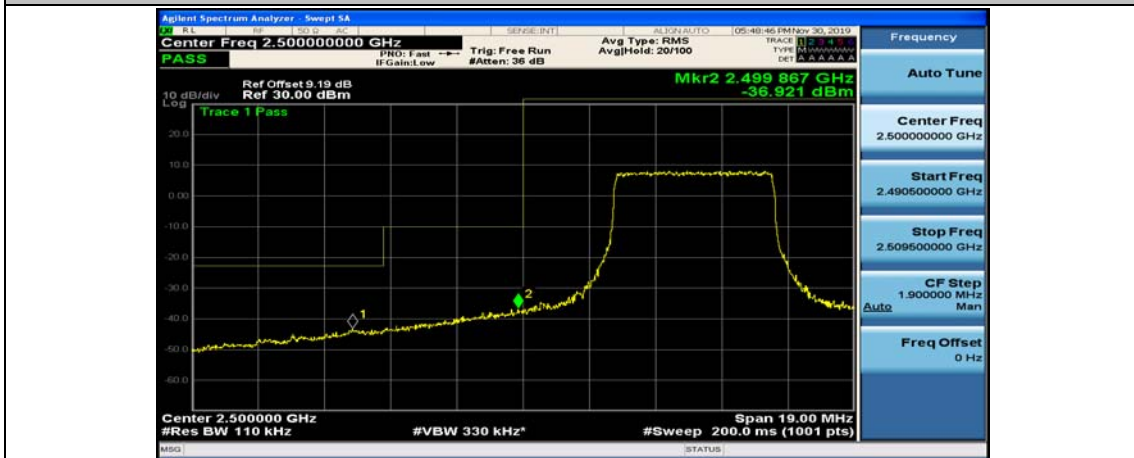**Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49**

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

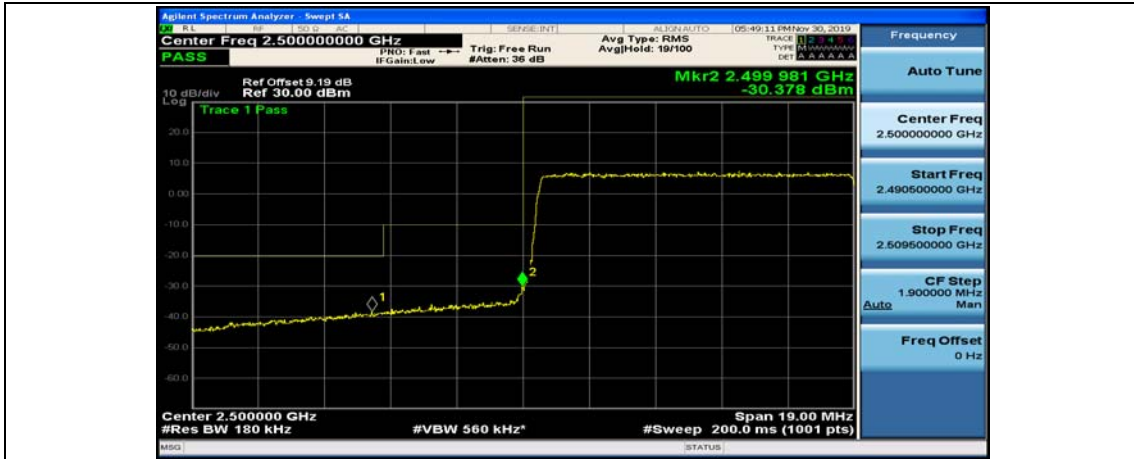| Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0 |
| --- |
| |
| Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24 |
| |
| Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49 |
| |
| Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#0 |

Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#12

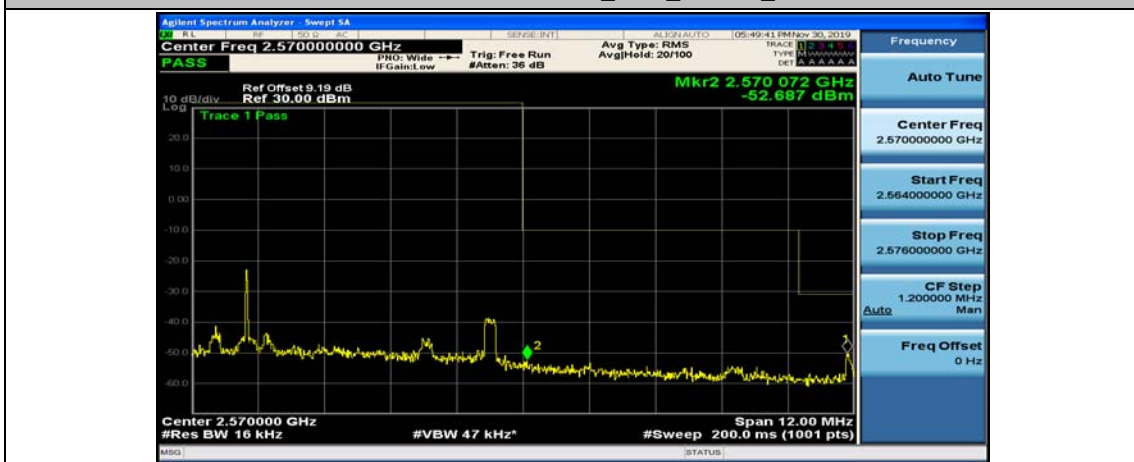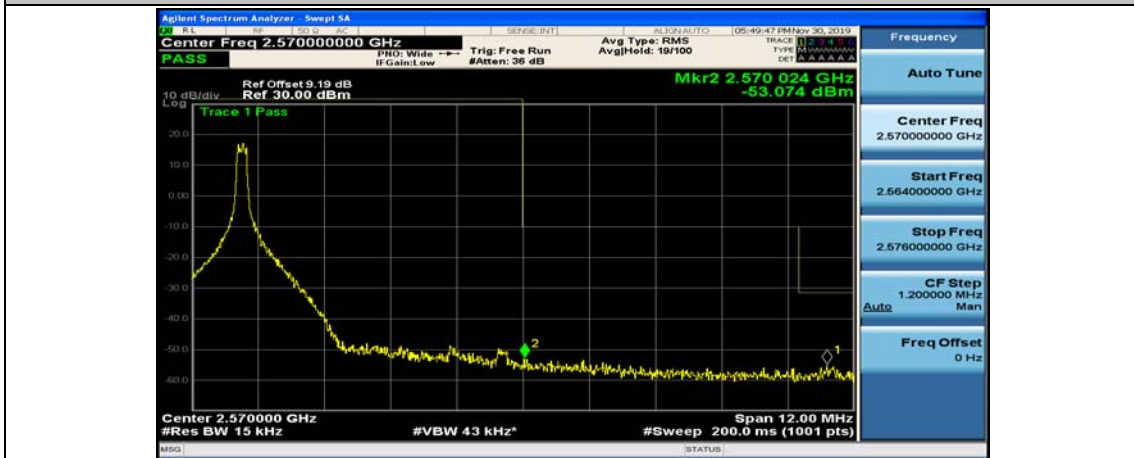Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#25

Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0
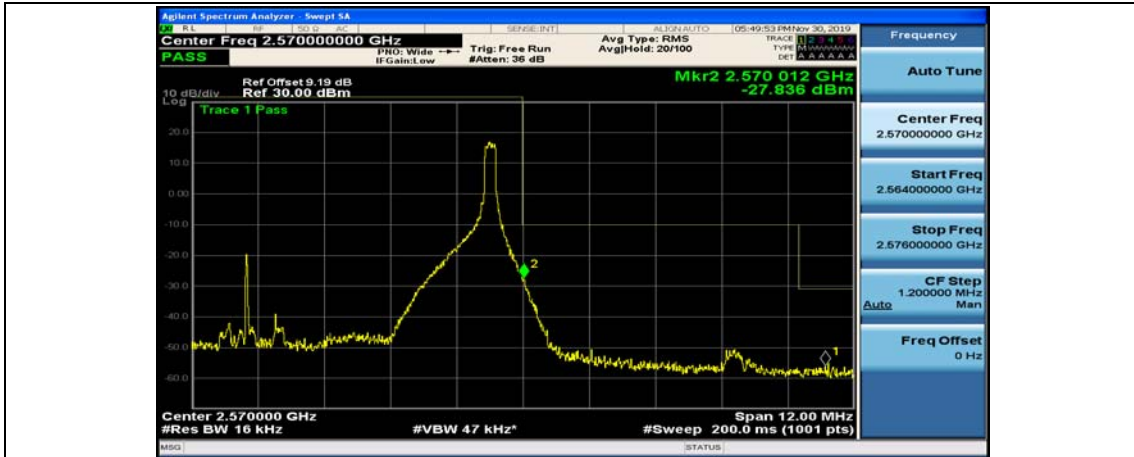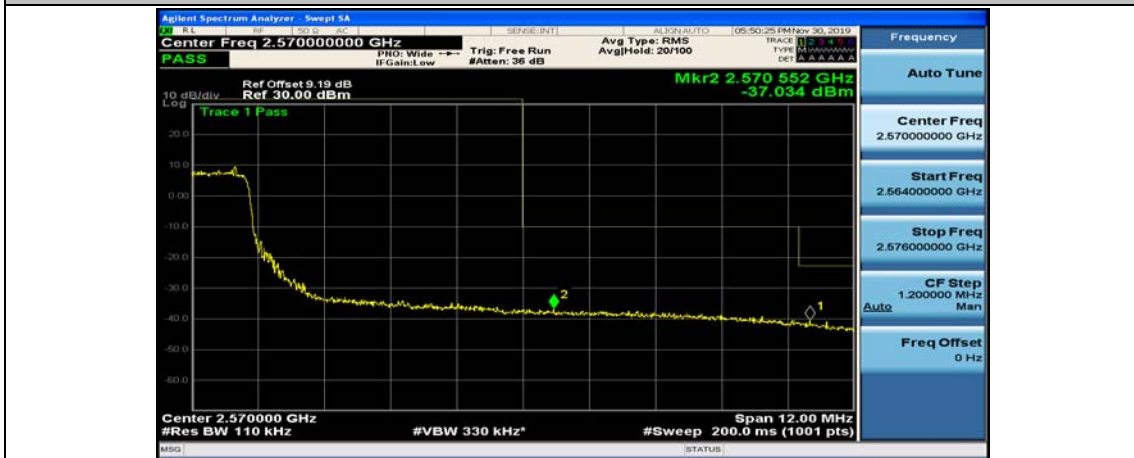
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0

Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24

Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#49
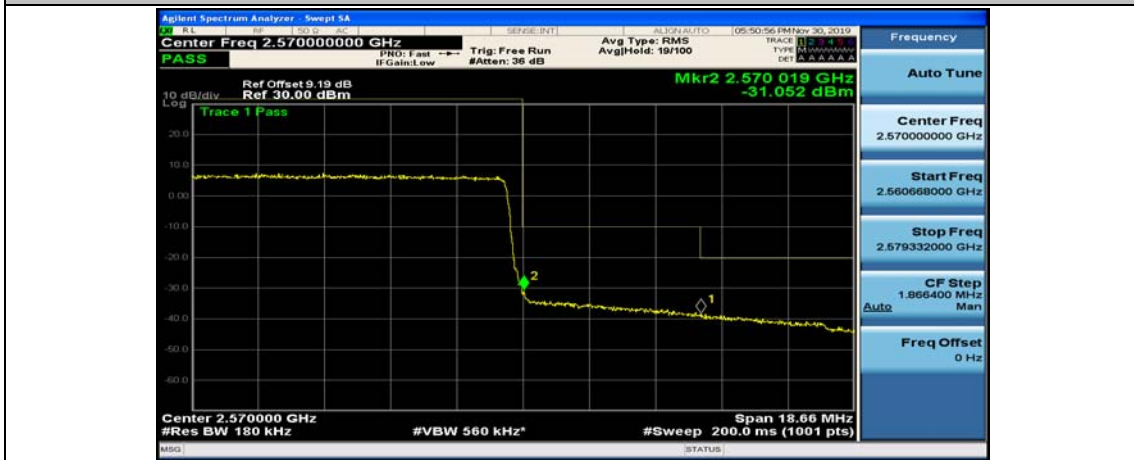
Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#0
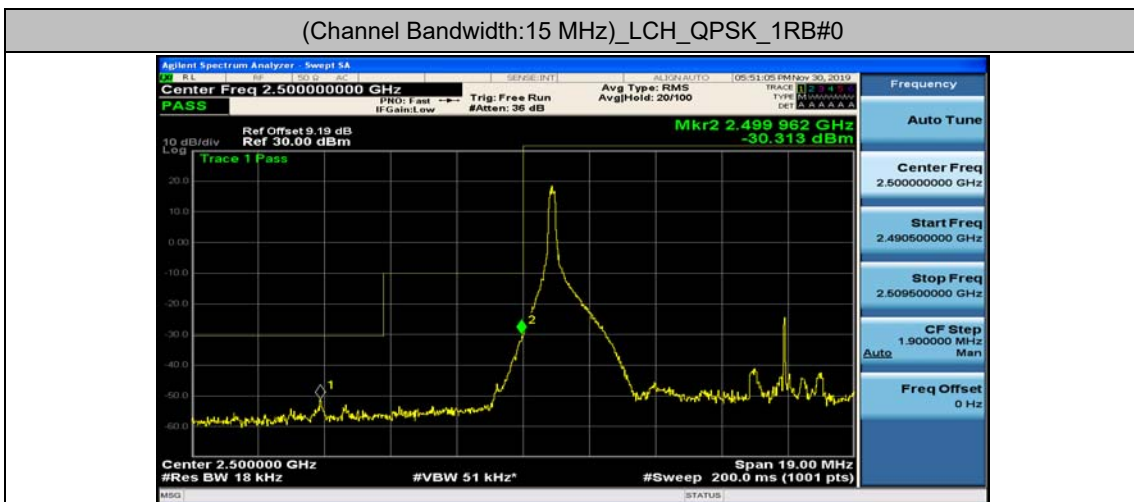

Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#12

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_1RB#0
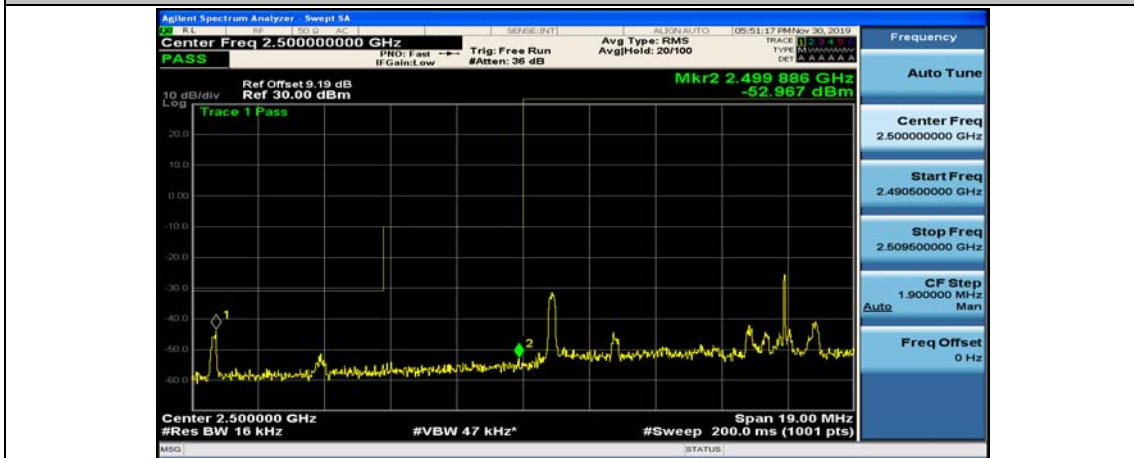

(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#37
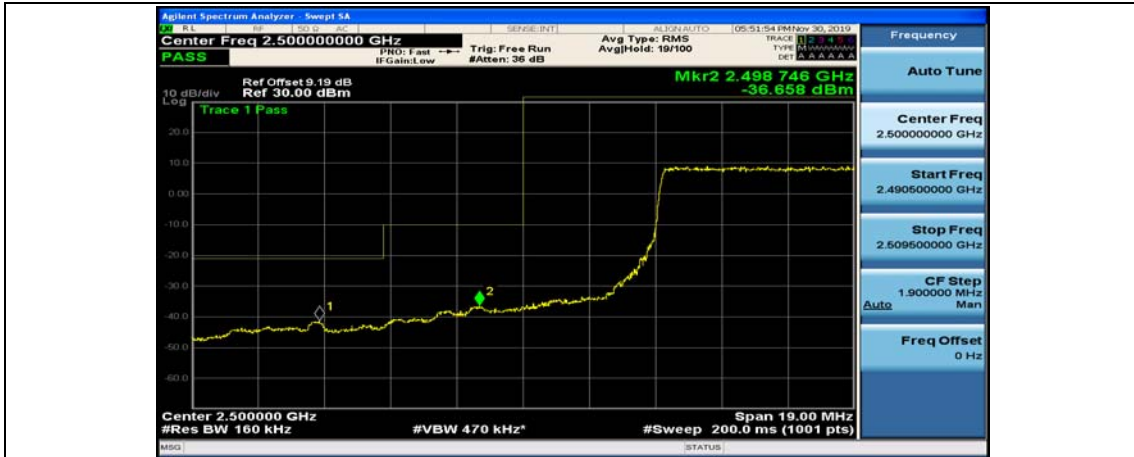
(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#74

(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#0

(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#18

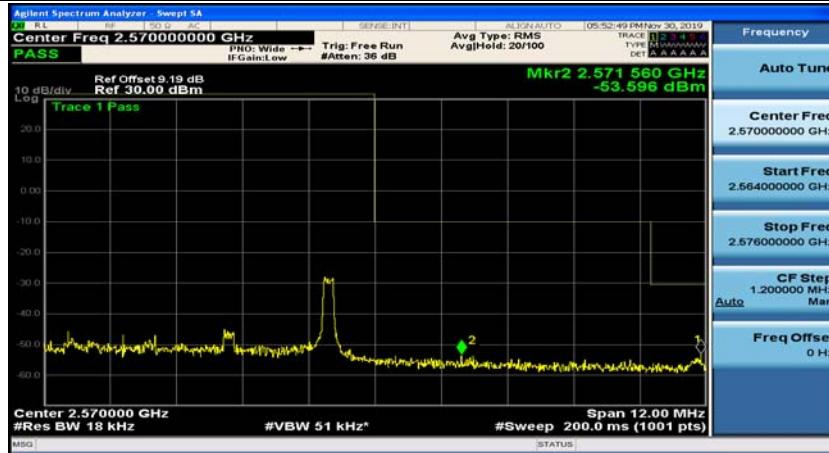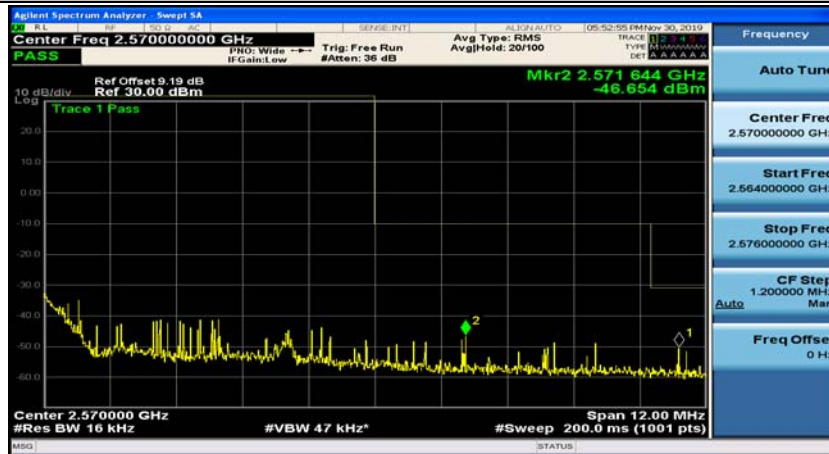(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#38
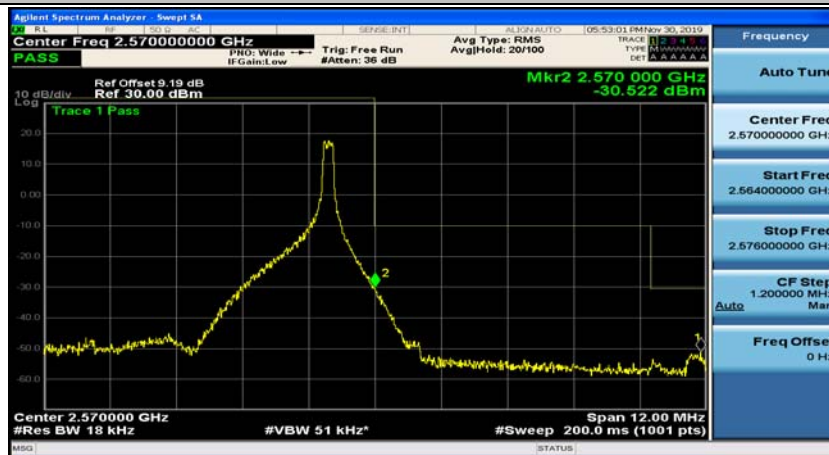

(Channel Bandwidth:15 MHz)_LCH_QPSK_75RB#0

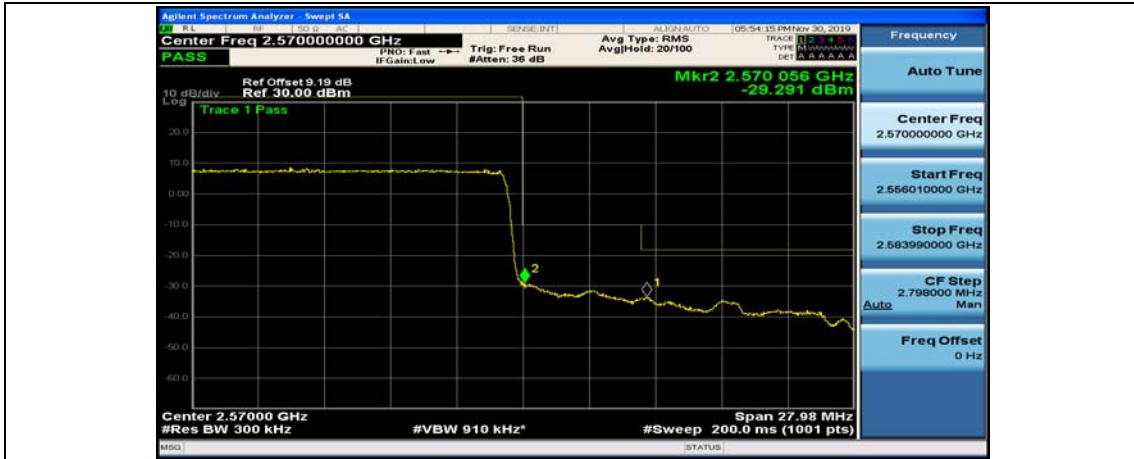| (Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#0 |
|---|
| |
| (Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#37 |
| |
| (Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#74 |
| |
| (Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#0 |

(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#18
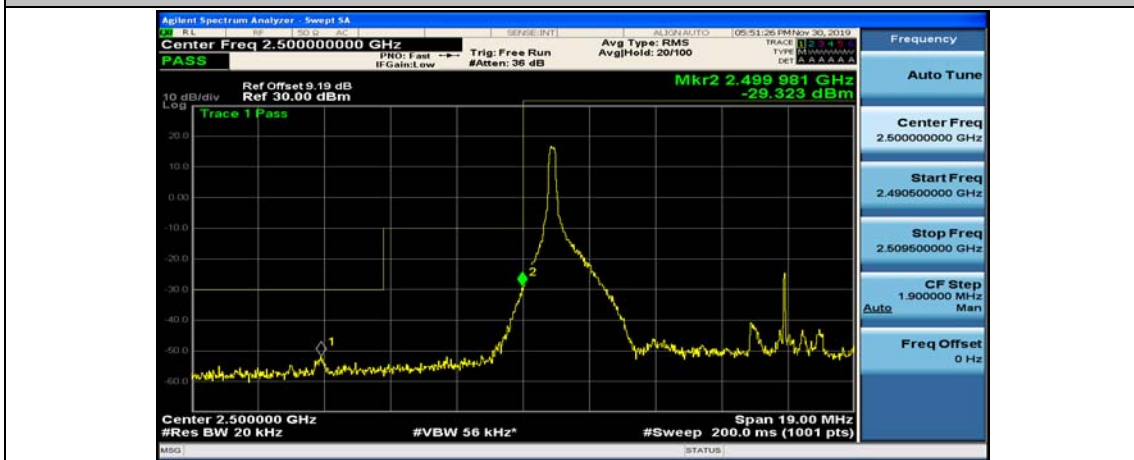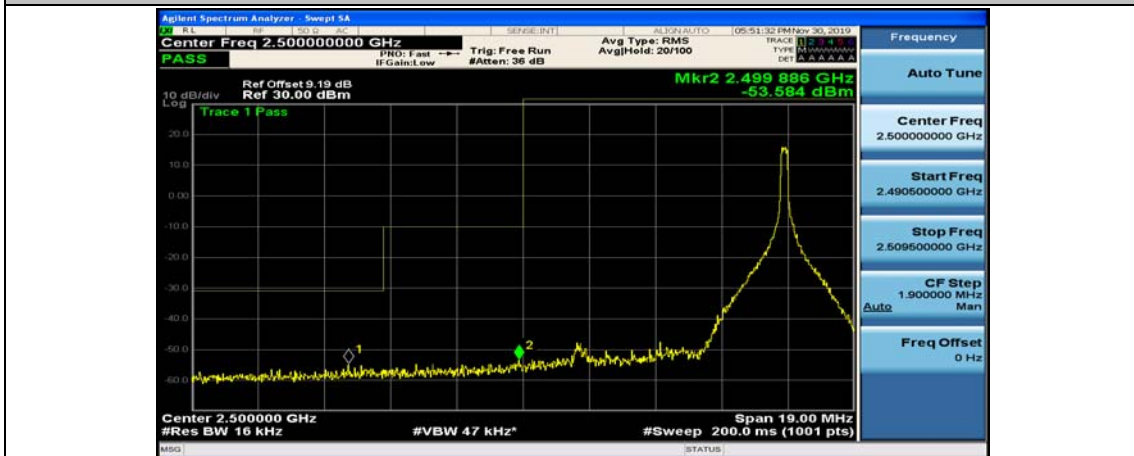

(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#38

(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