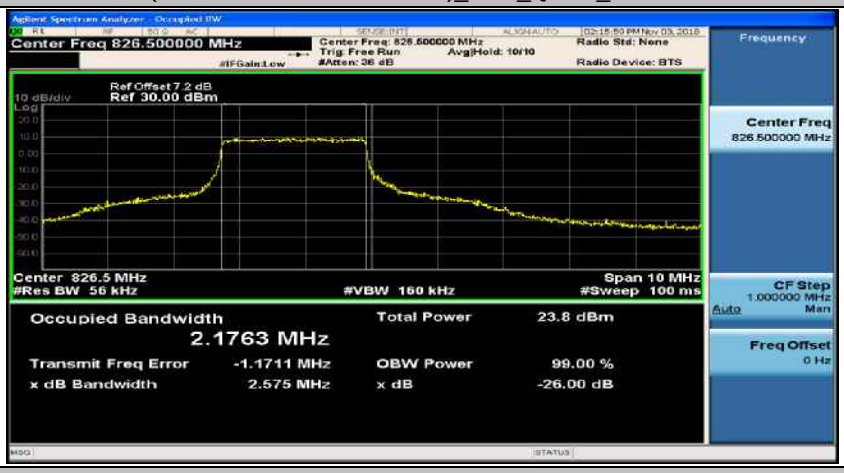
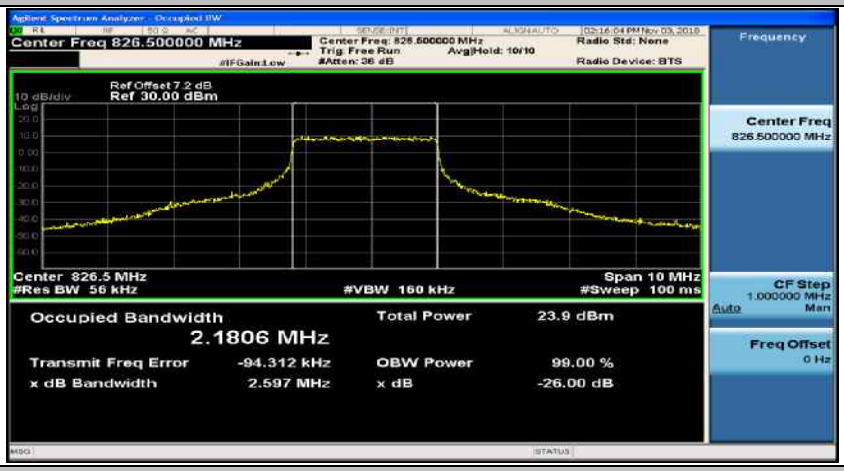
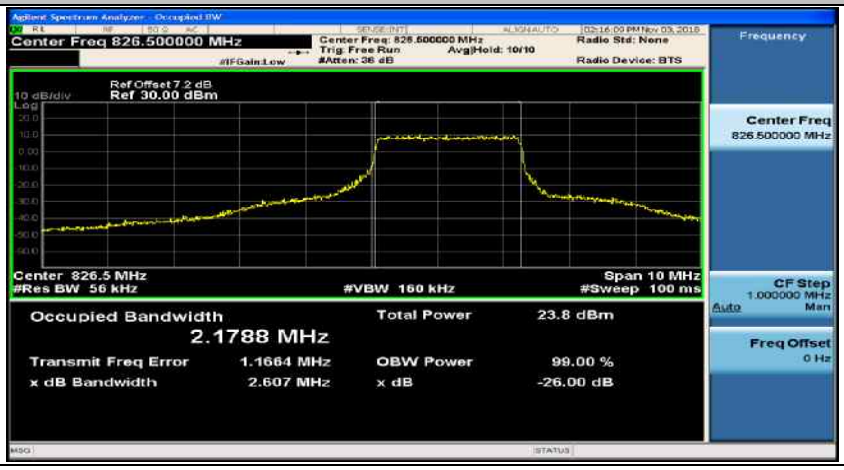
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0



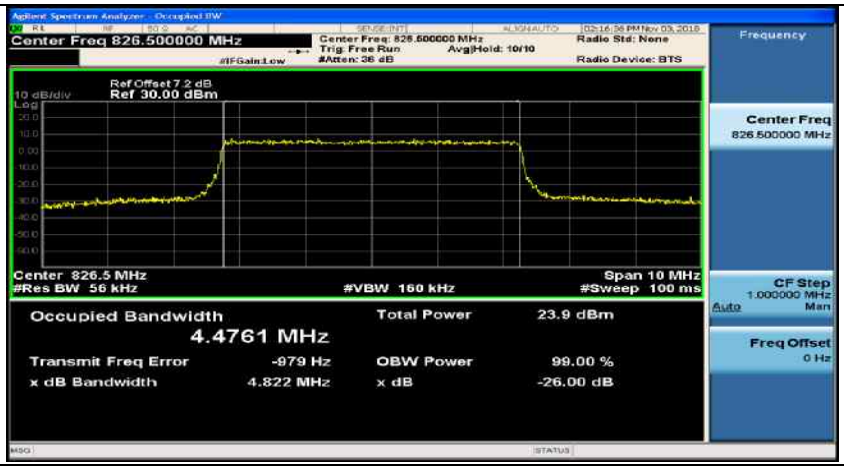
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



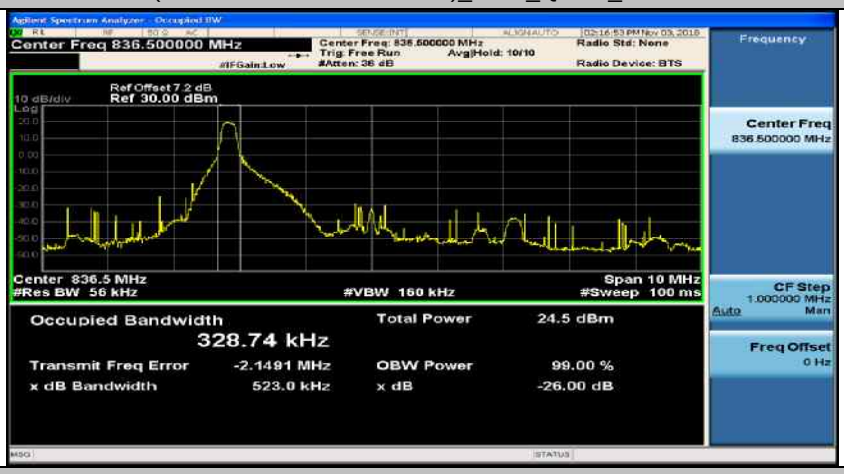
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



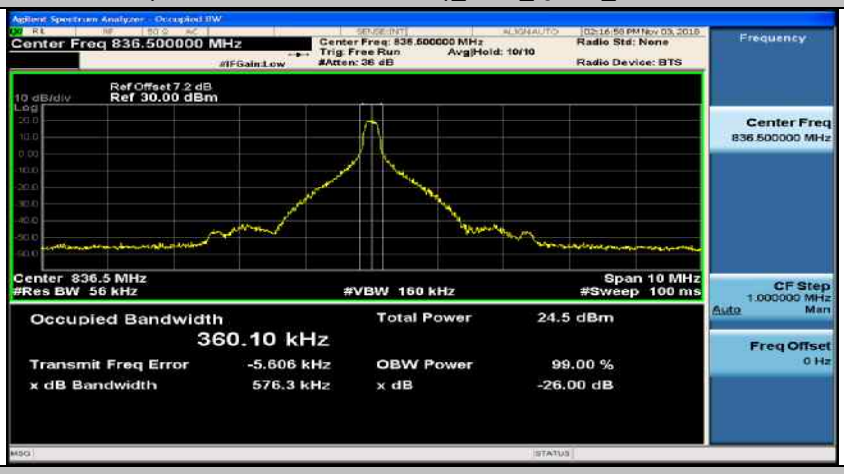
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



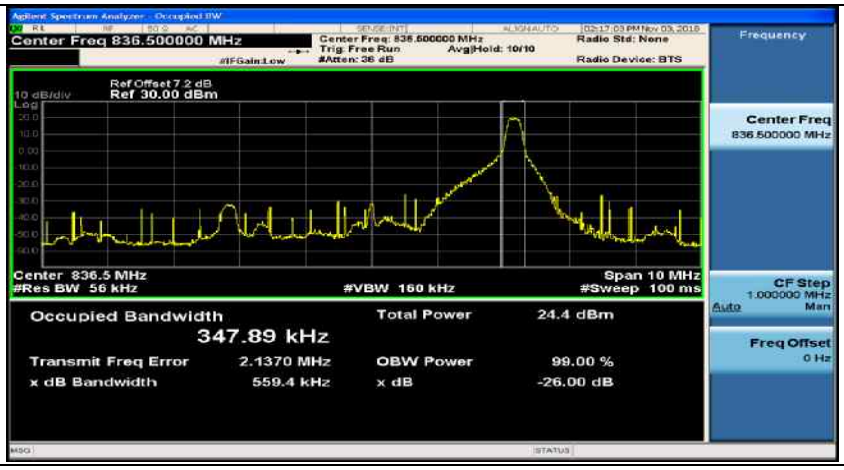
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0



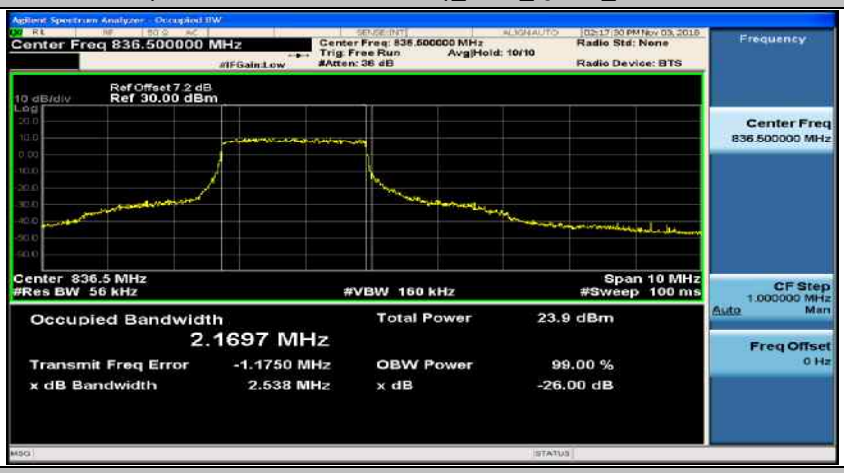
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12



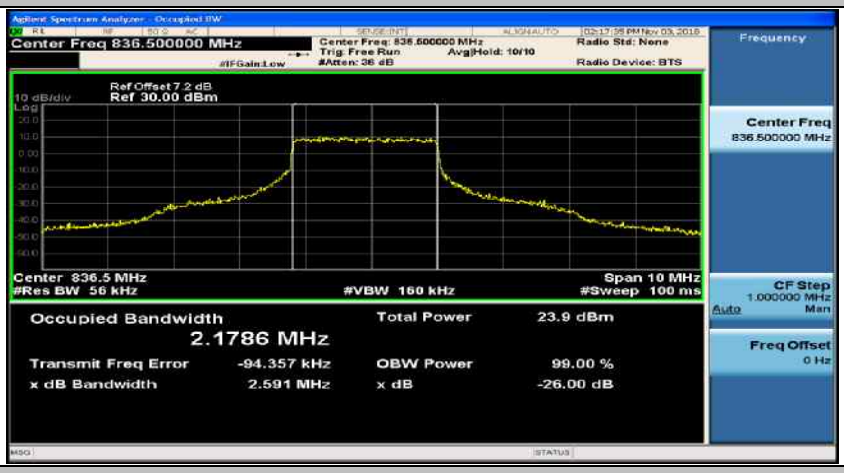
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24



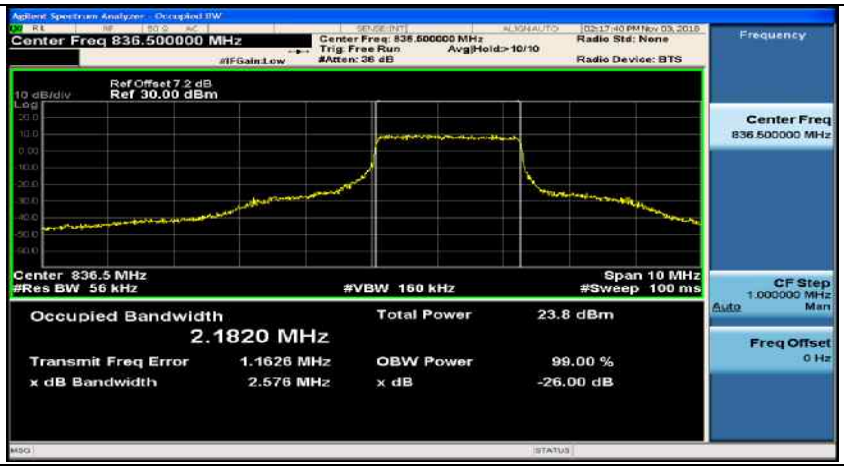
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#0



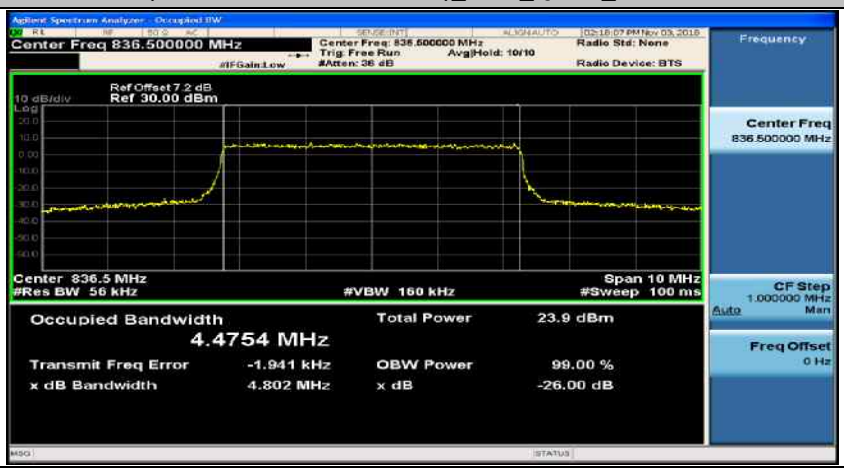
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#6



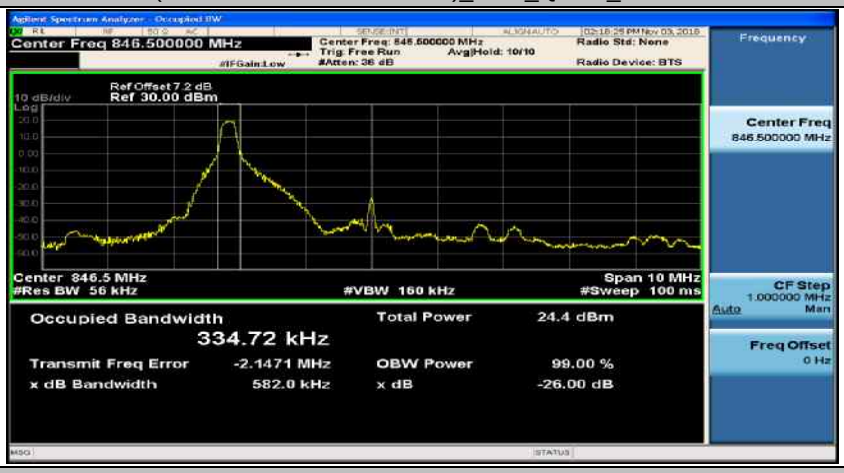
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#13



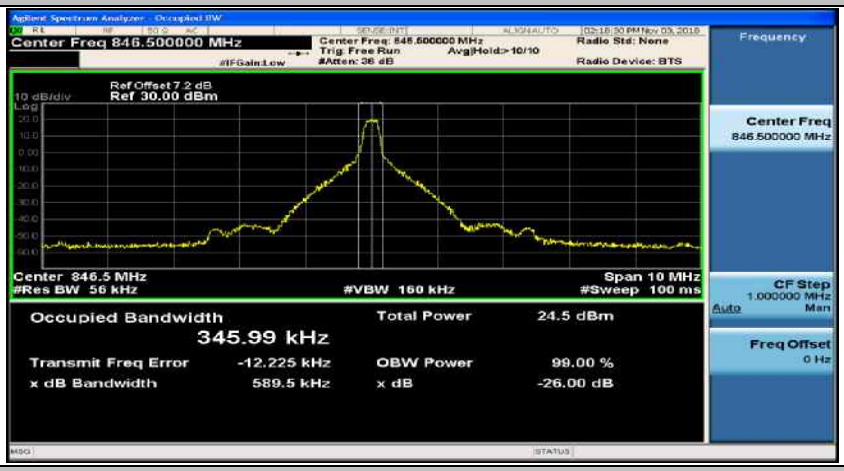
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



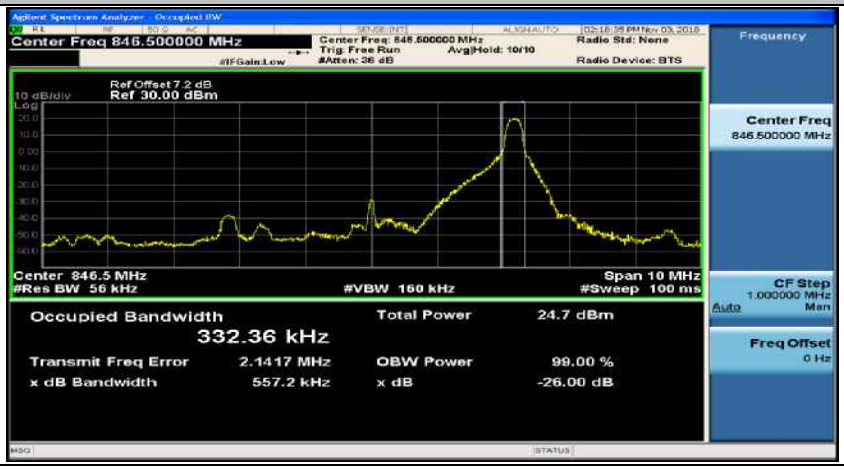
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



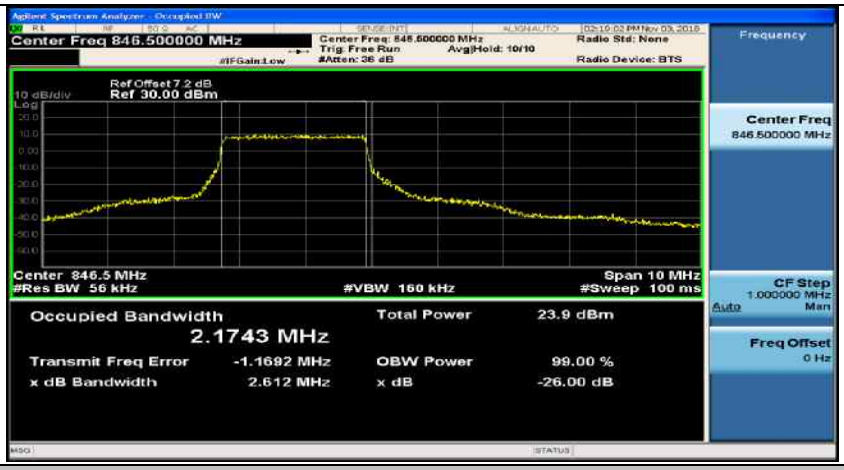
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



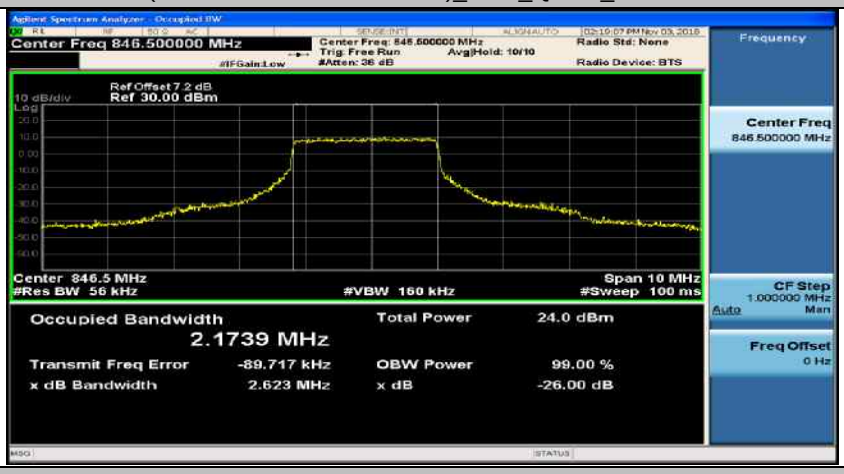
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



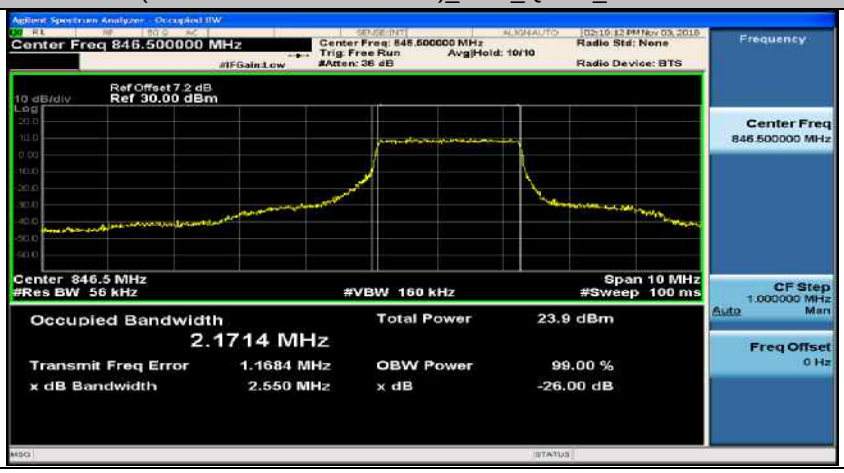
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



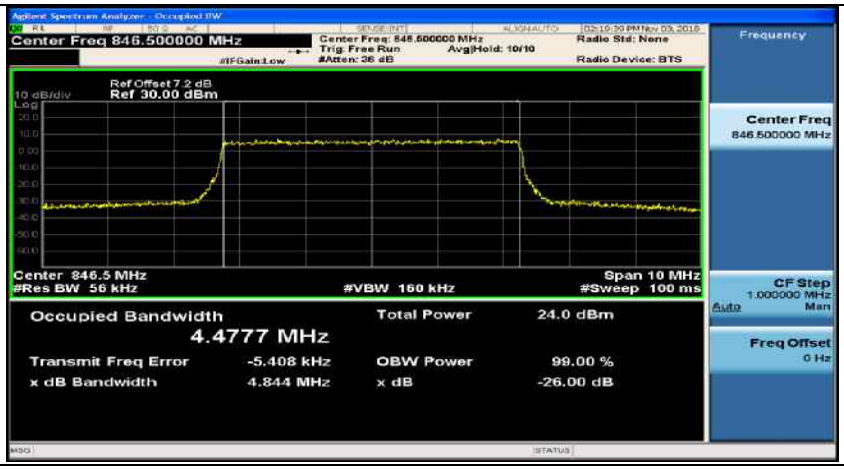
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



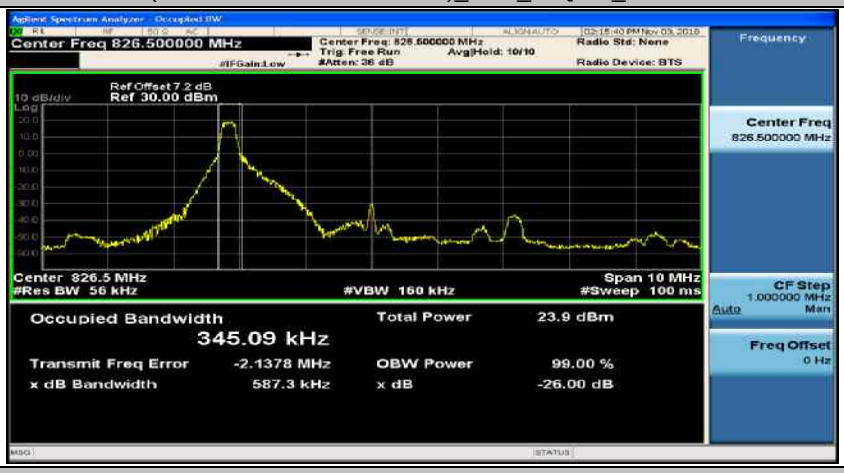
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



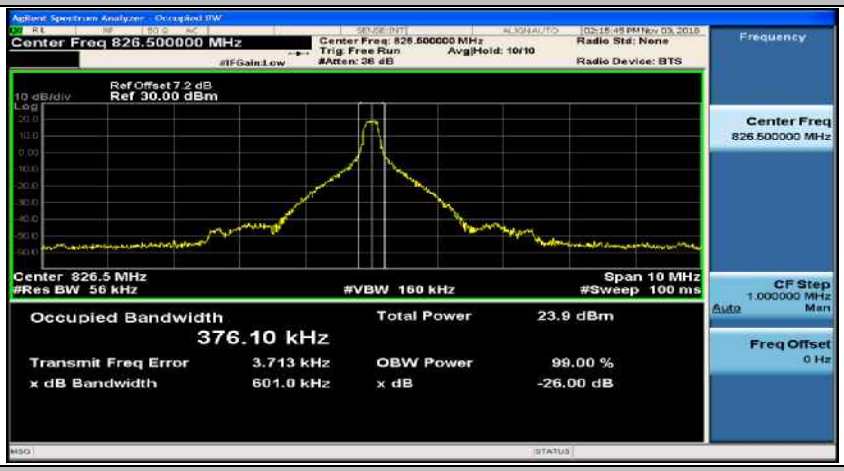
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0


Agilent Spectrum Analyzer - Occupied BW
Center Freq 846.500000 MHz
Center Freq: 846.500000 MHz
Trig: Free Run
Avg|Hold: 10/10
#Atten: 36 dB
Radio Std: None
Radio Device: BTS
Frequency
Ref Offset 7.2 dB
10 dB/div
Ref 30.00 dBm
Log
Center 846.5 MHz
#Res BW 56 kHz
#VBW 160 kHz
Span 10 MHz
#Sweep 100 ms
Occupied Bandwidth
4.4777 MHz
Total Power 24.0 dBm
Transmit Freq Error -5.408 kHz
OBW Power 99.00 %
x dB Bandwidth 4.844 MHz
x dB -26.00 dB
Center Freq
846.500000 MHz
CF Step
1.000000 MHz
Auto
Man
Freq Offset
0 Hz

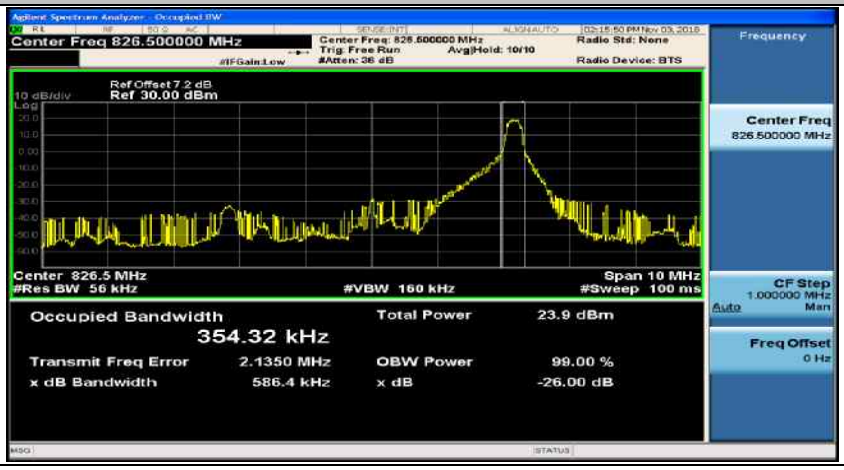
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



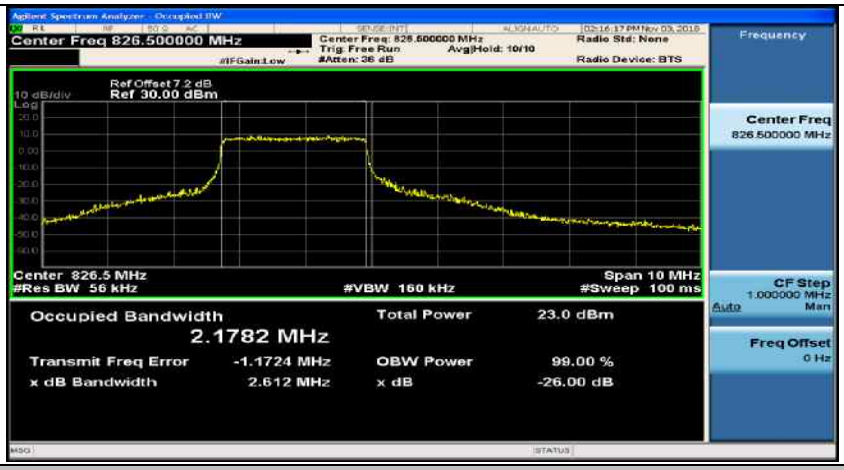
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



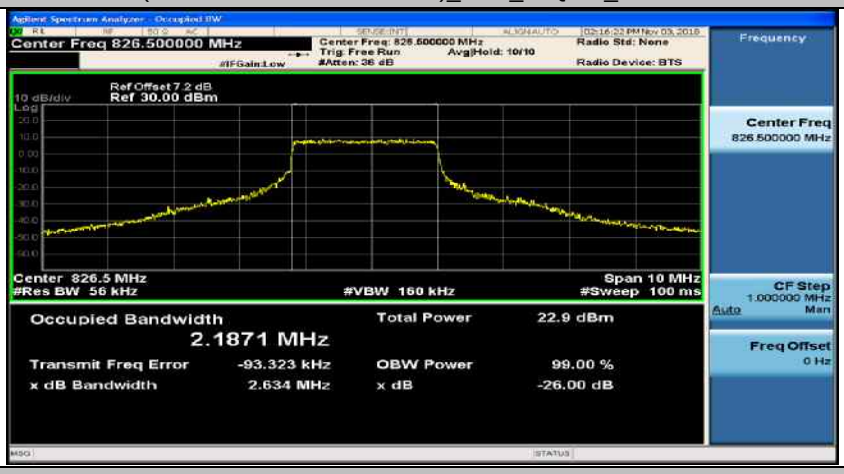
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



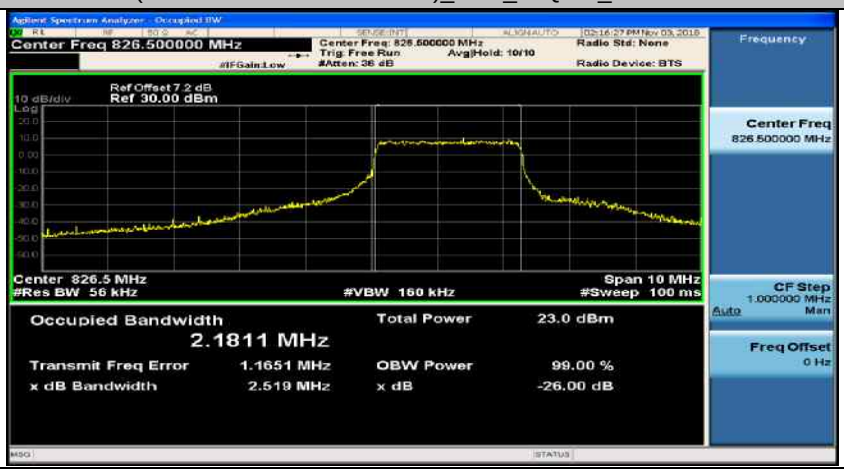
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



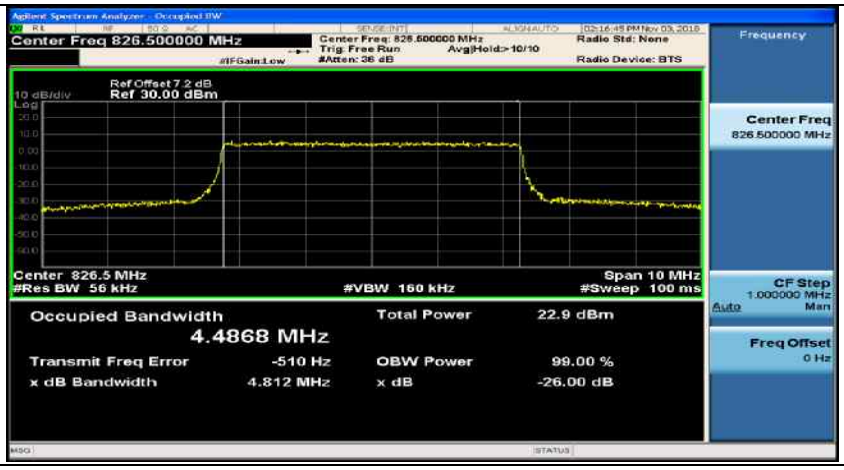
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



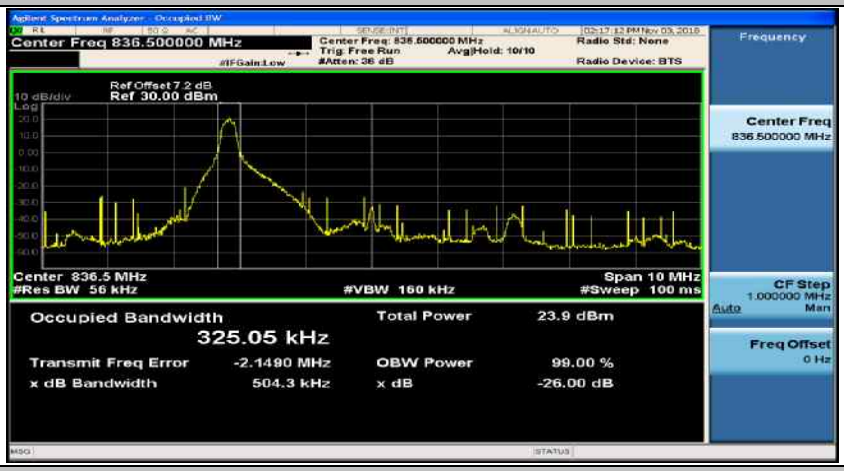
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



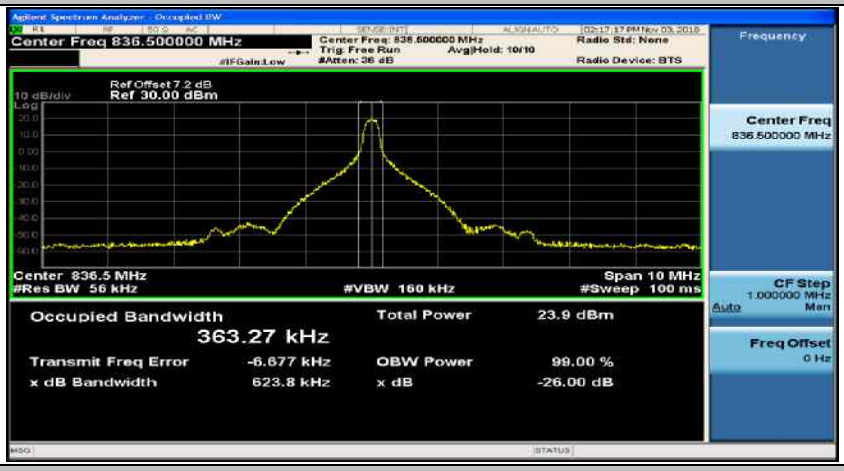
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



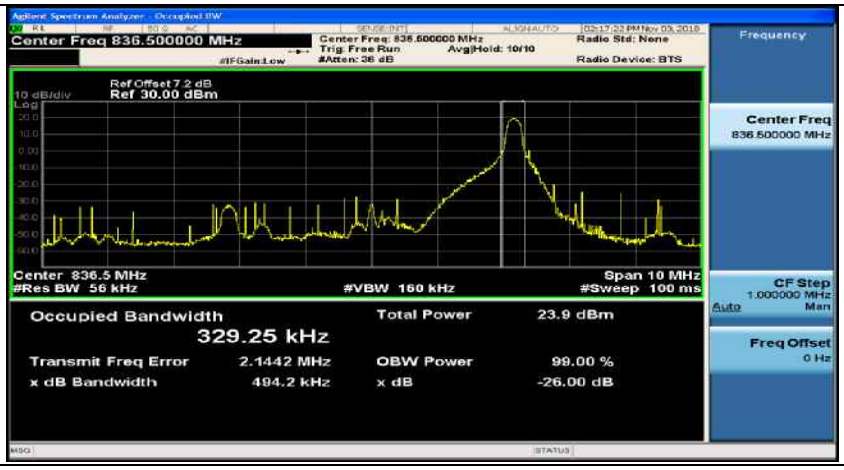
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0



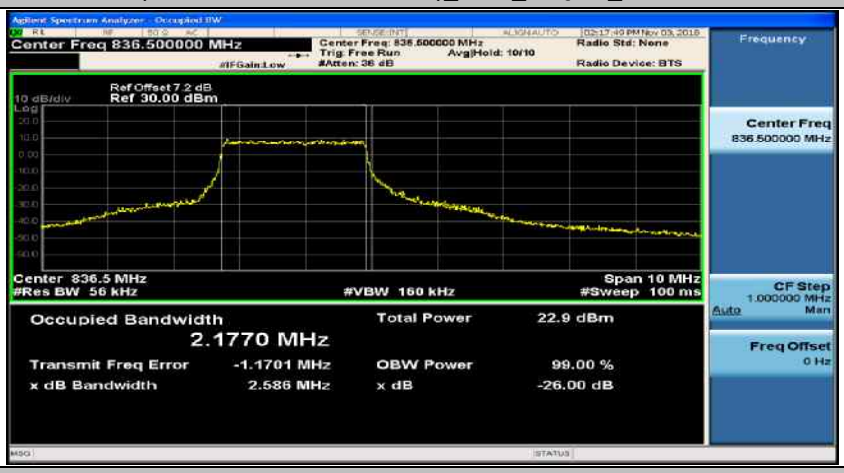
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12



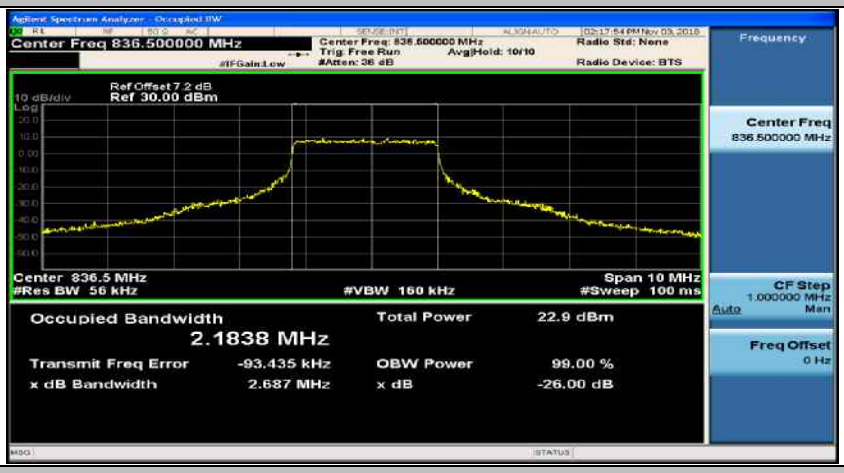
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24



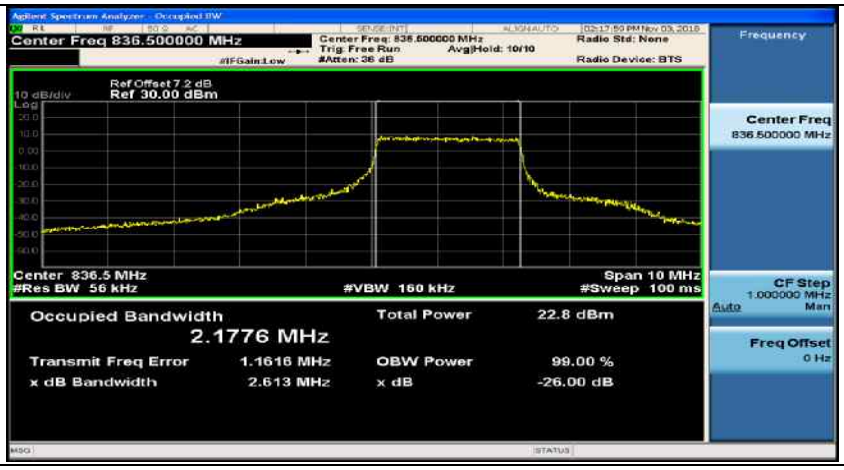
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#0



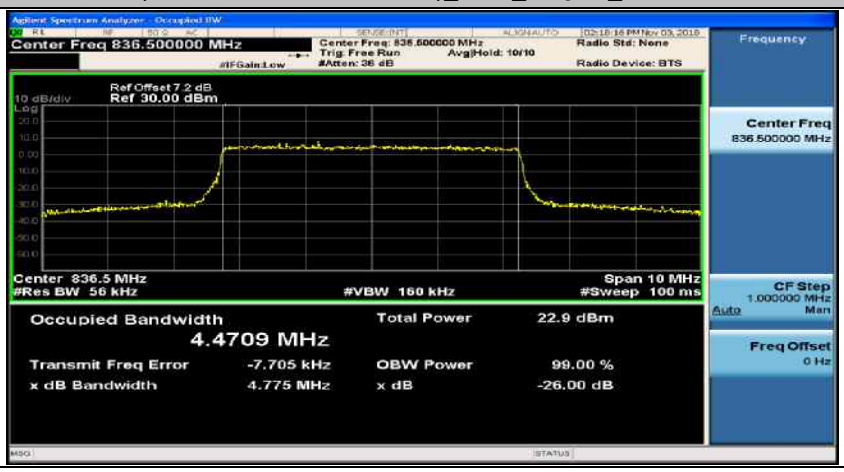
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#6



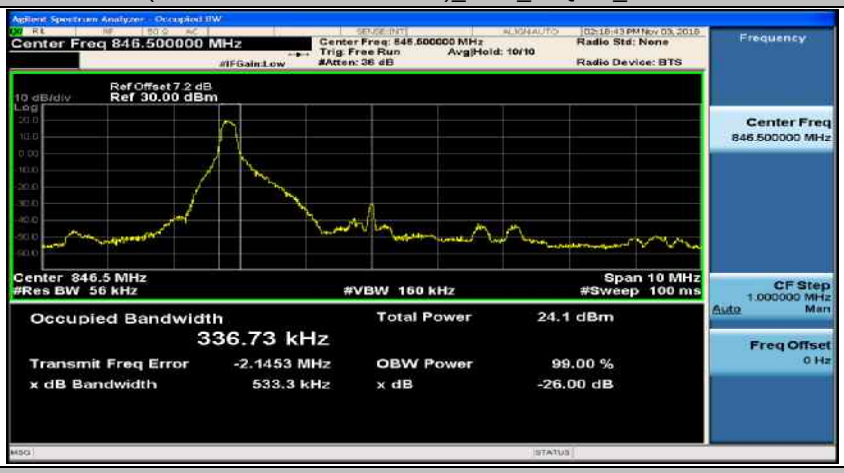
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#13



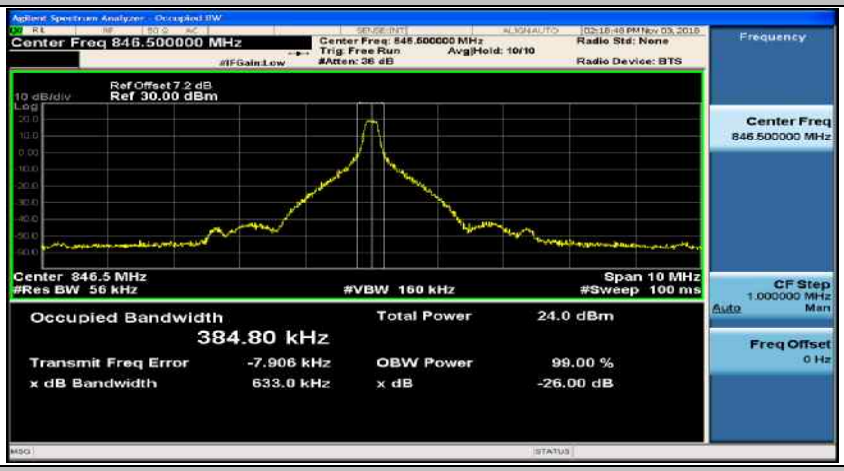
(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0



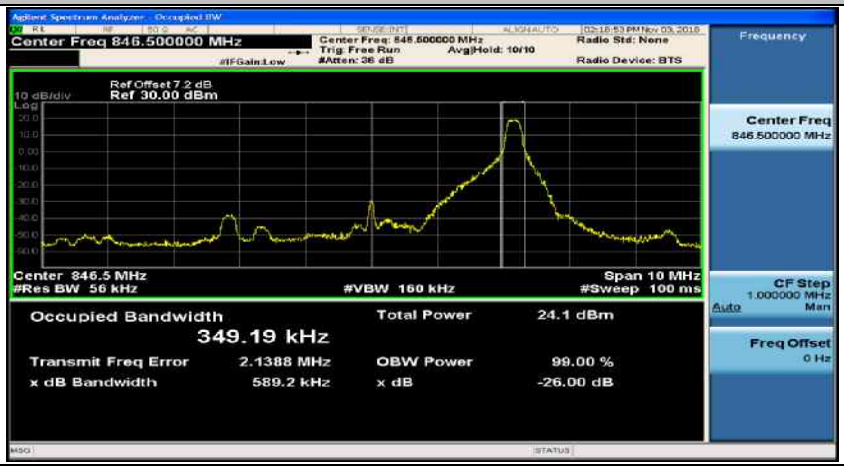
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



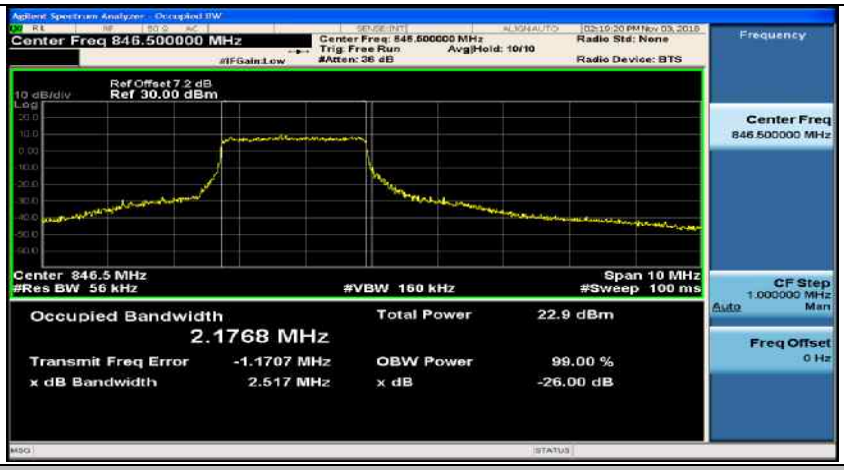
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



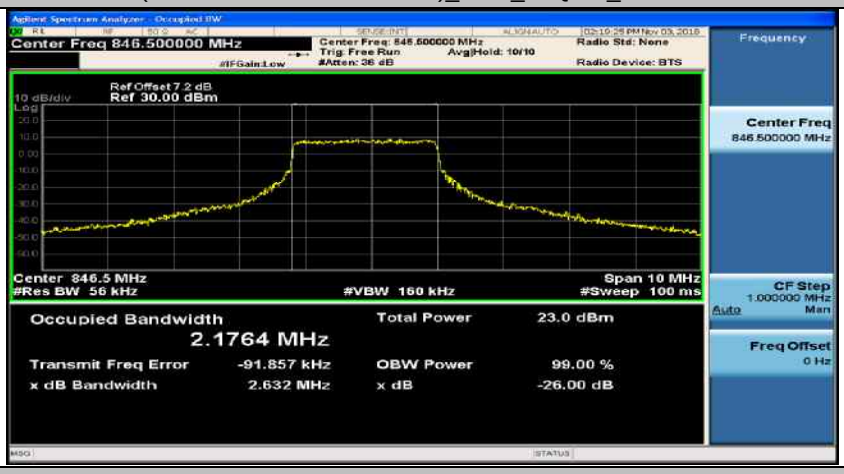
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



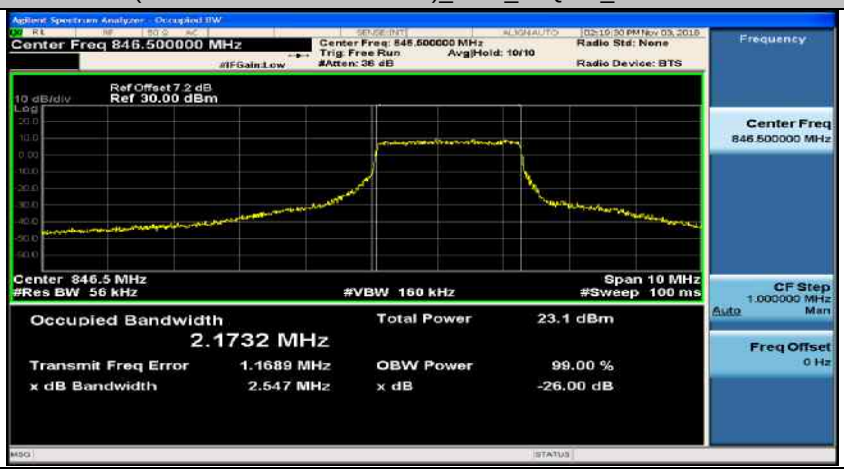
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0



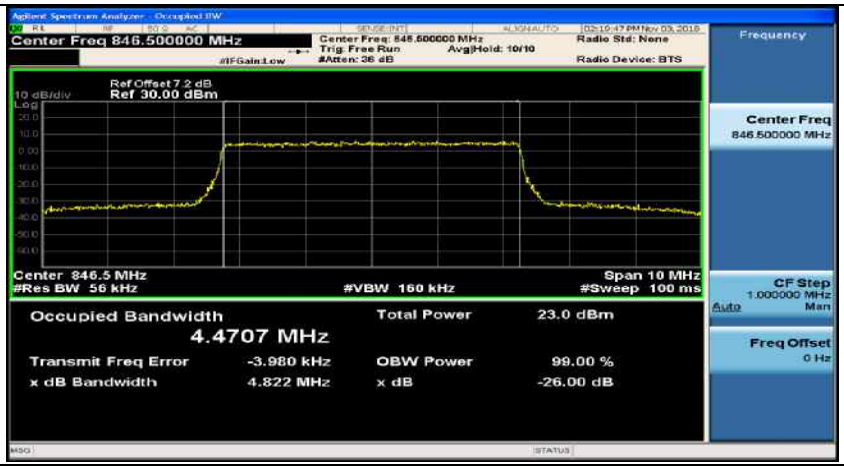
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13

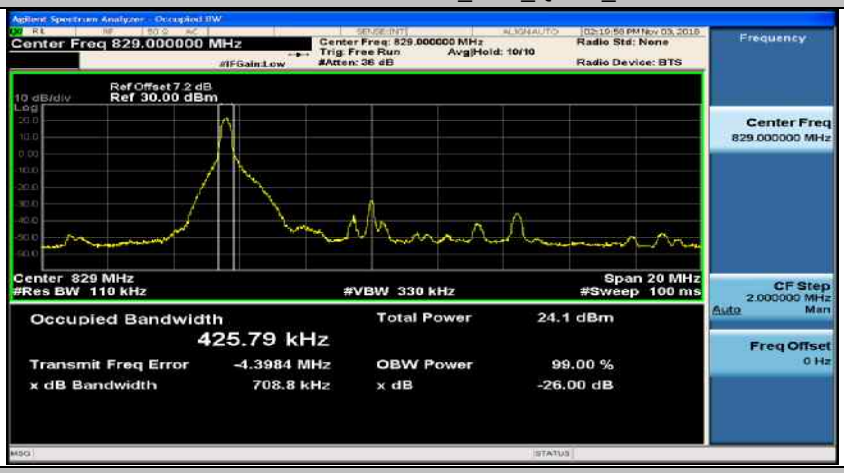


(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0

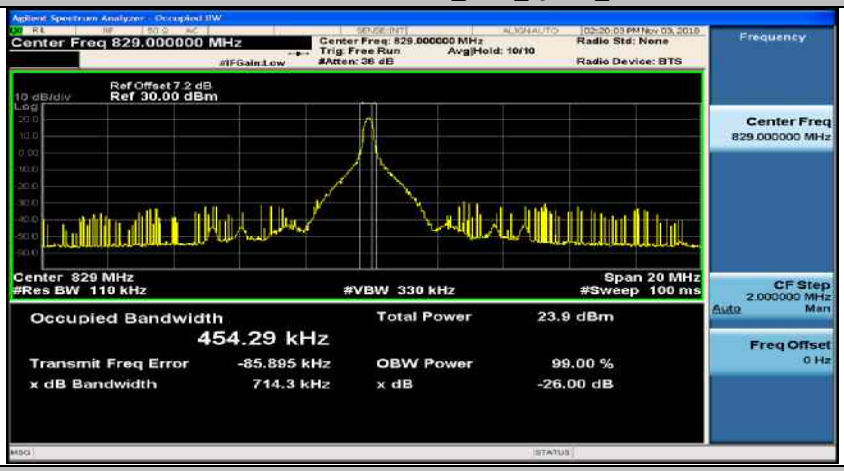

Agilent Spectrum Analyzer - Occupied BW
Center Freq 846.500000 MHz
Center Freq: 846.500000 MHz
Trig: Free Run
Avg|Hold: 10/10
#Atten: 36 dB
Radio Std: None
Radio Device: BTS
Frequency
Ref Offset 7.2 dB
10 dB/div
Ref 30.00 dBm
Log
Center 846.5 MHz
#Res BW 56 kHz
#VBW 160 kHz
Span 10 MHz
#Sweep 100 ms
Center Freq
846.500000 MHz
CF Step
1.000000 MHz
Auto
Man
Freq Offset
0 Hz
Occupied Bandwidth
4.4707 MHz
Total Power
23.0 dBm
Transmit Freq Error
-3.980 kHz
OBW Power
99.00 %
x dB Bandwidth
4.822 MHz
x dB
-26.00 dB
MSG
STATUS

Channel Bandwidth: 10 MHz

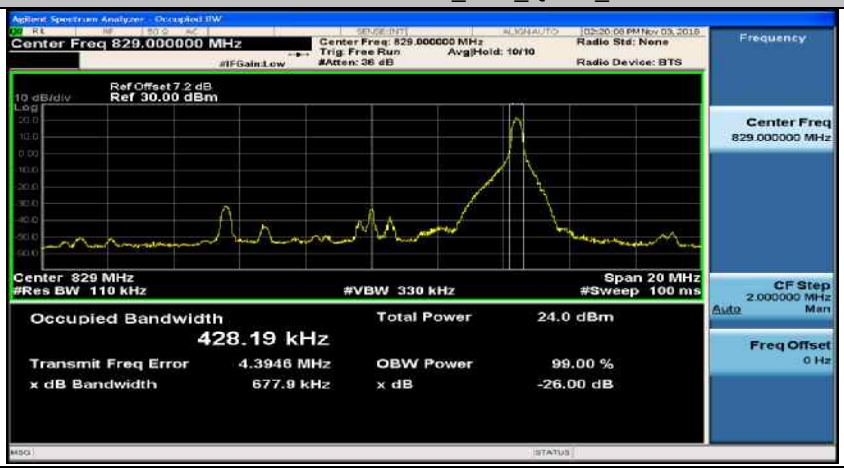
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#0



Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#25

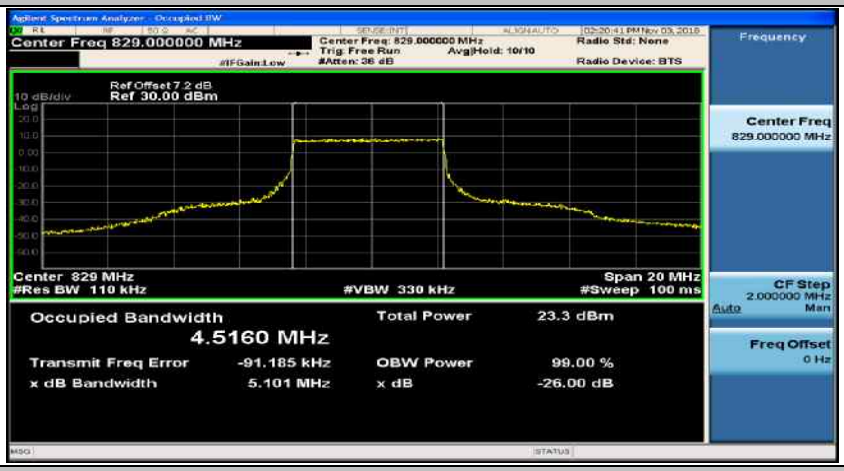


Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#49

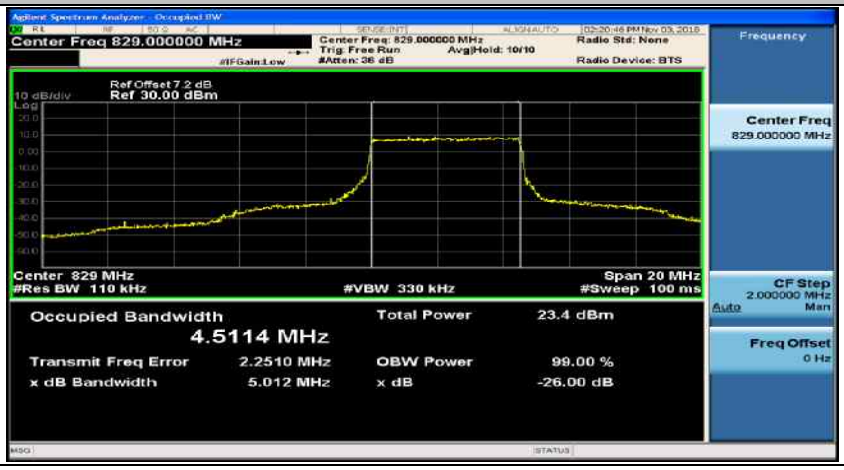


Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#0

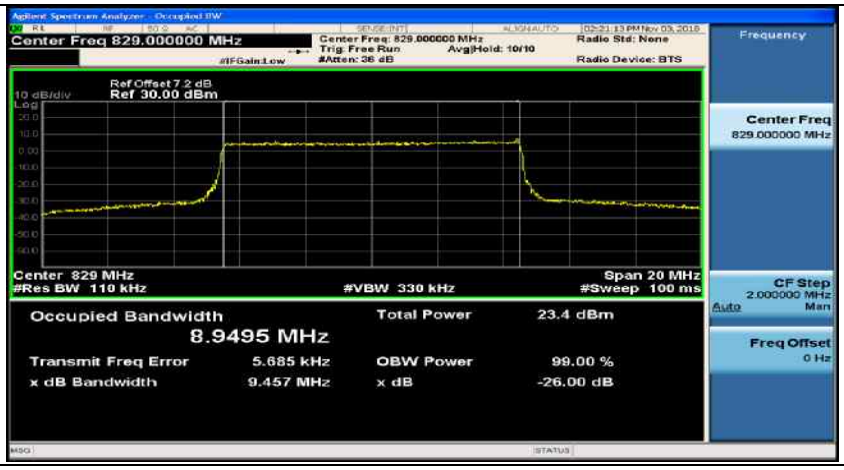
Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#12



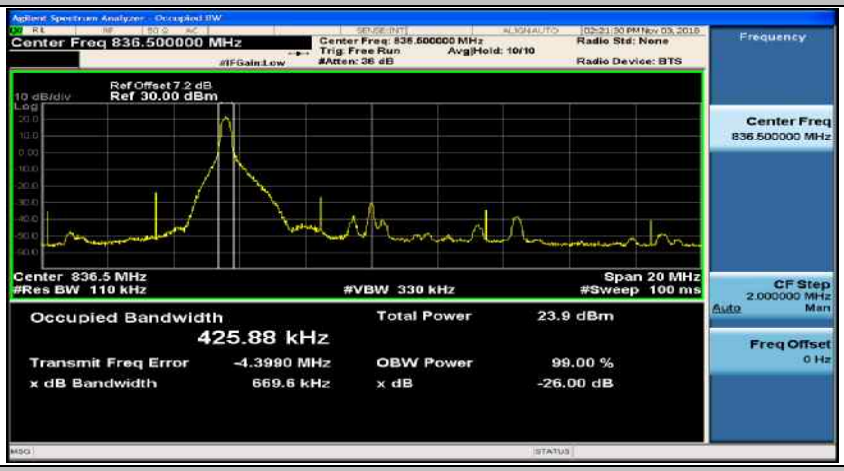
Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#25



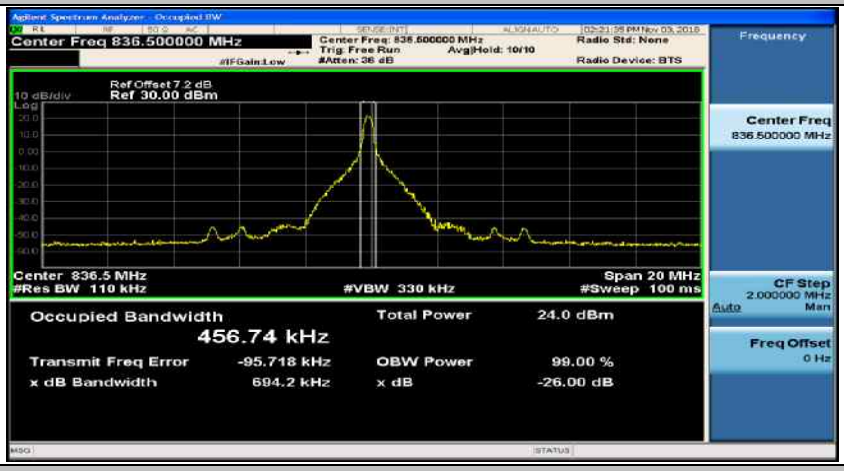
Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0



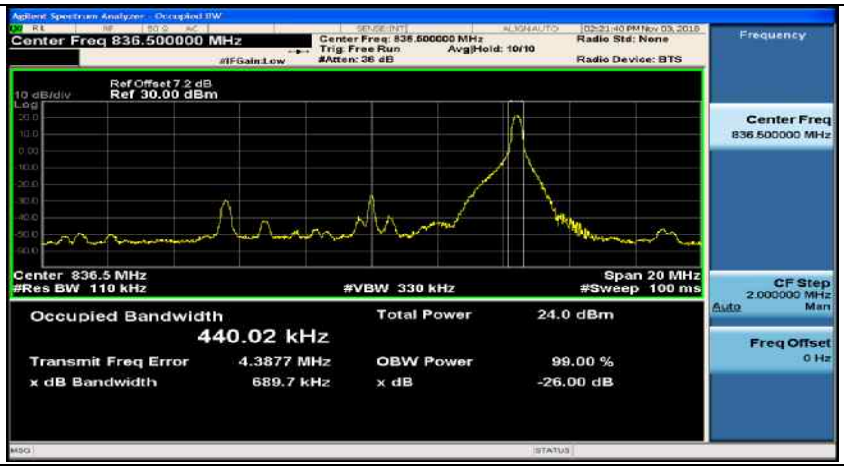
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0



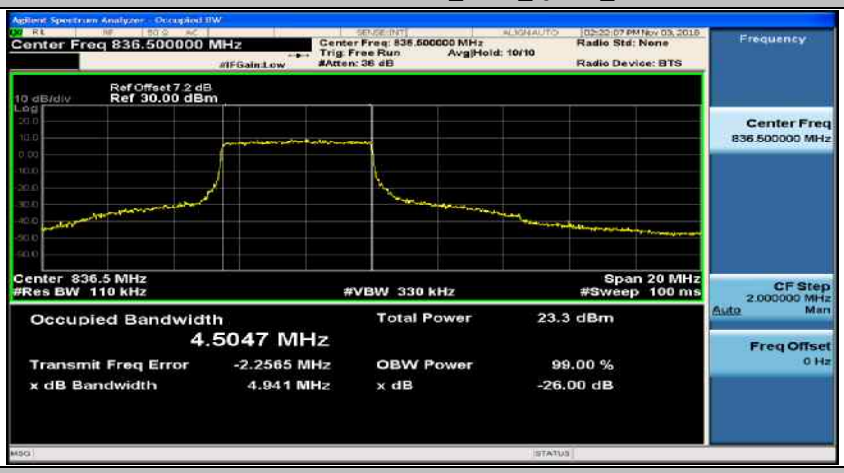
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#25



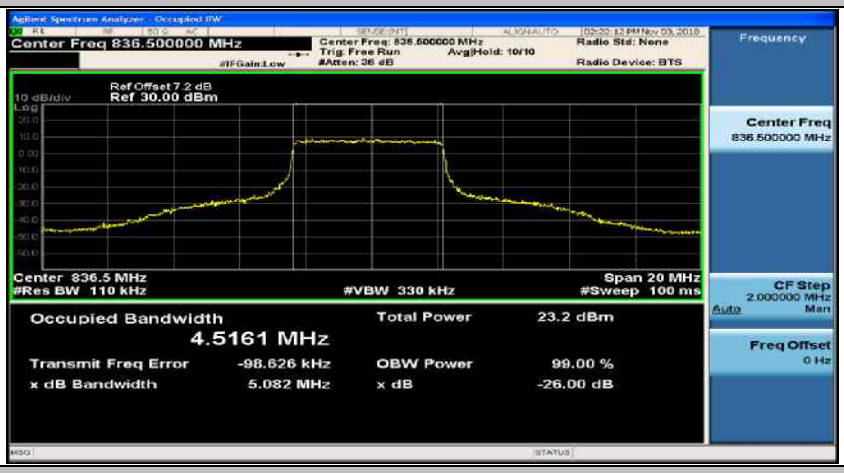
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49



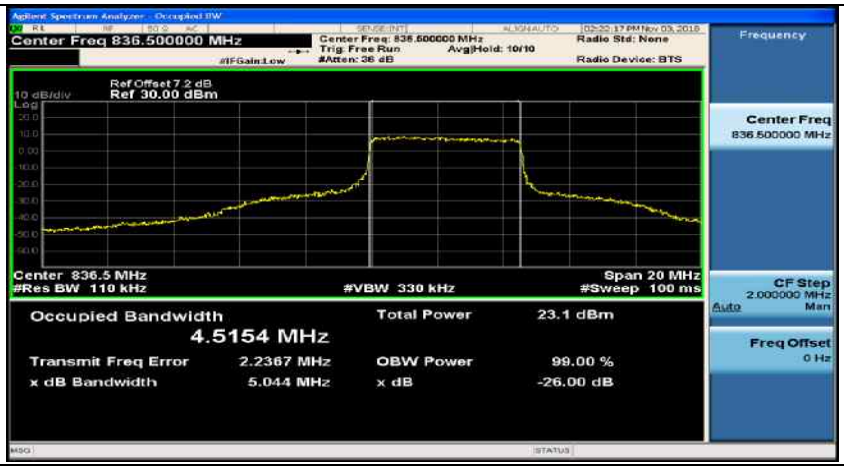
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#0

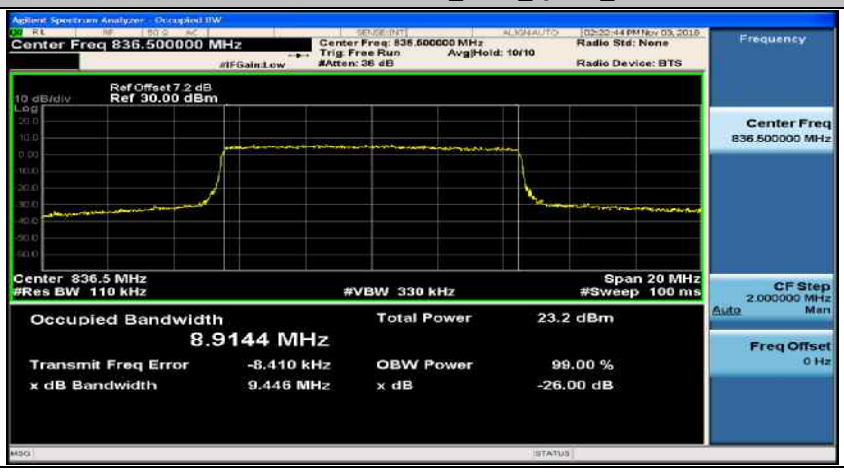


Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#12

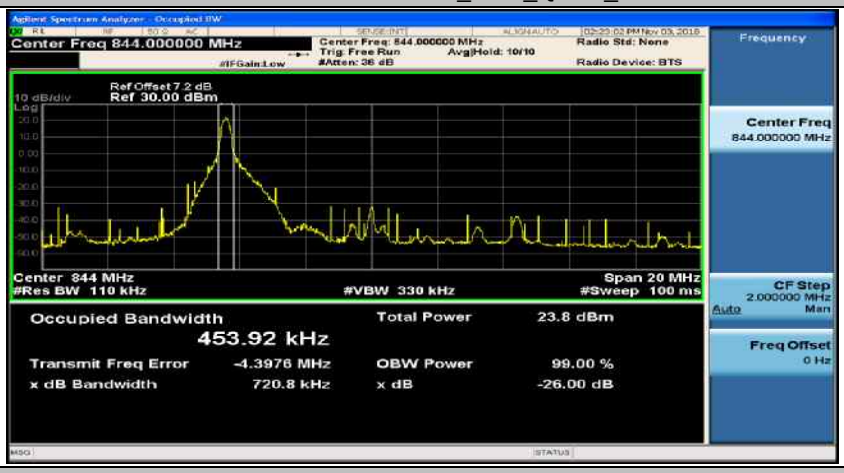


Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#25

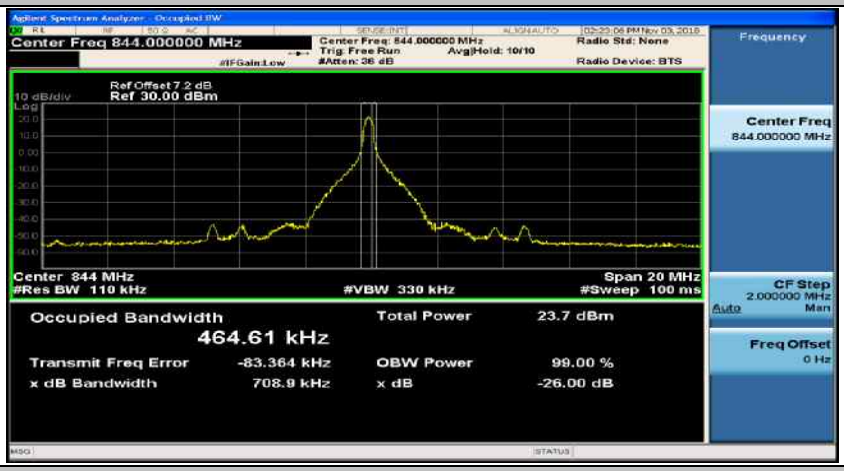


Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0


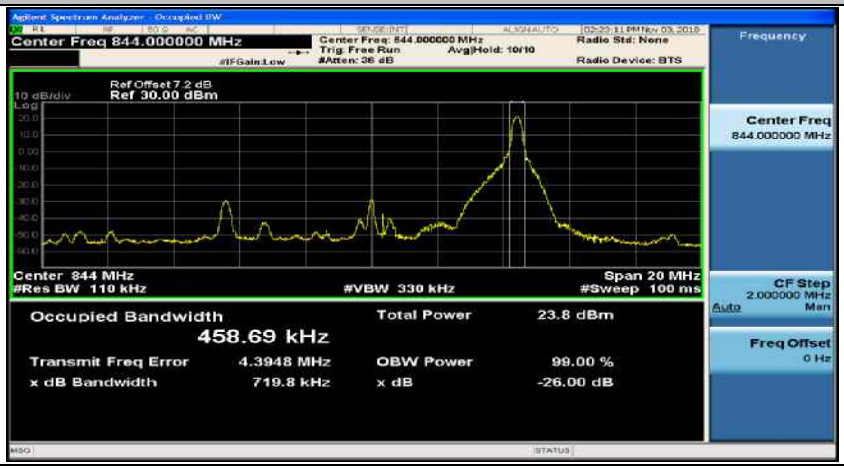
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0



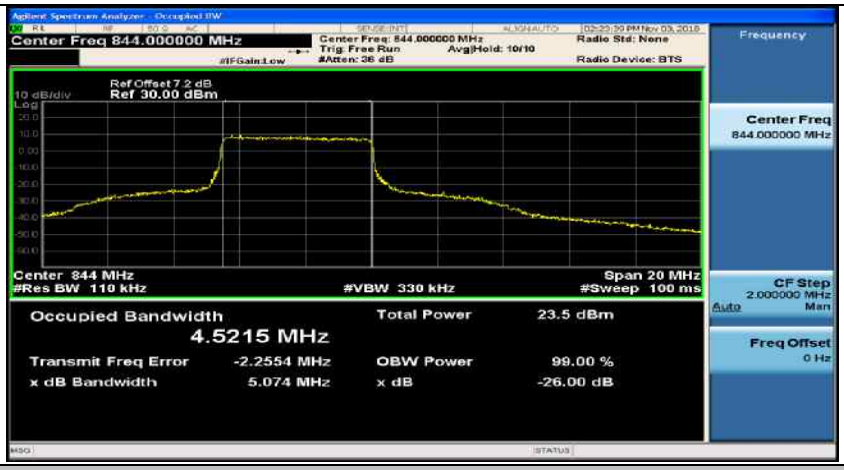
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#25



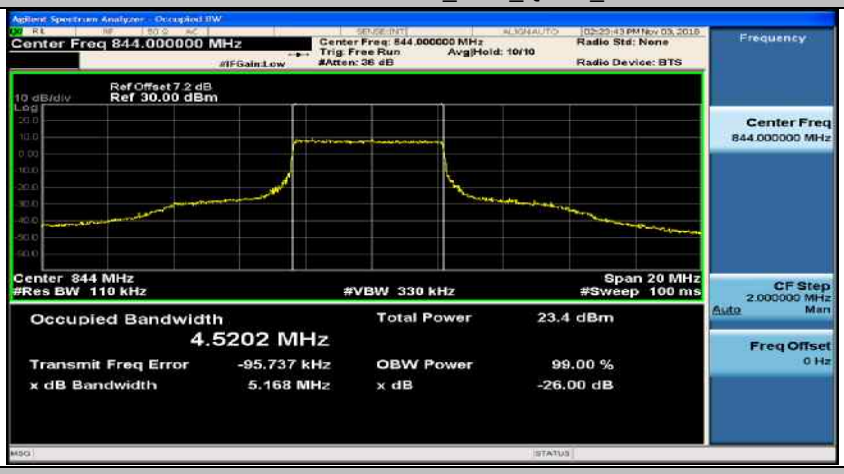
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49



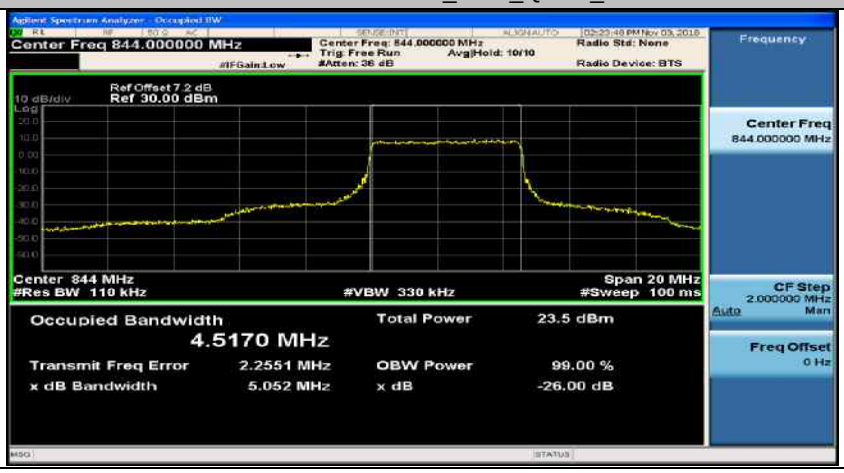
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#0



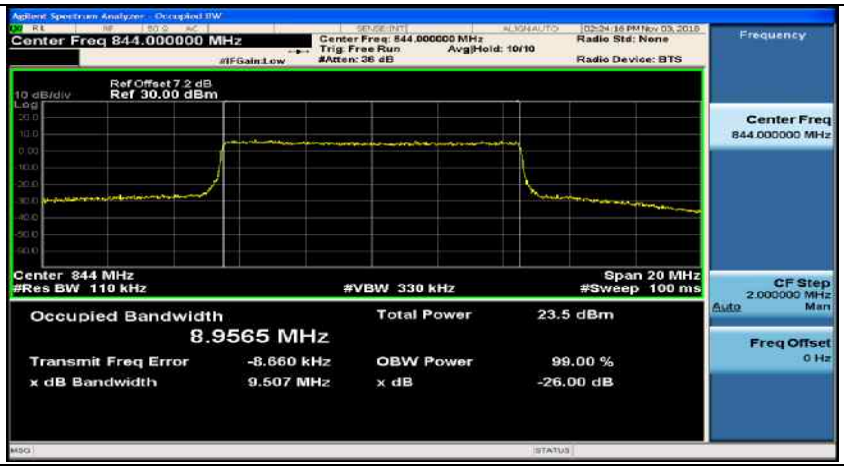
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#12



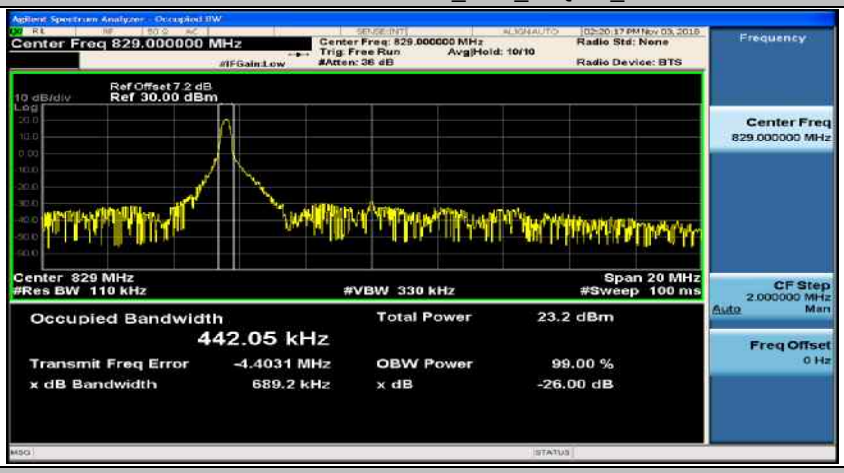
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#25



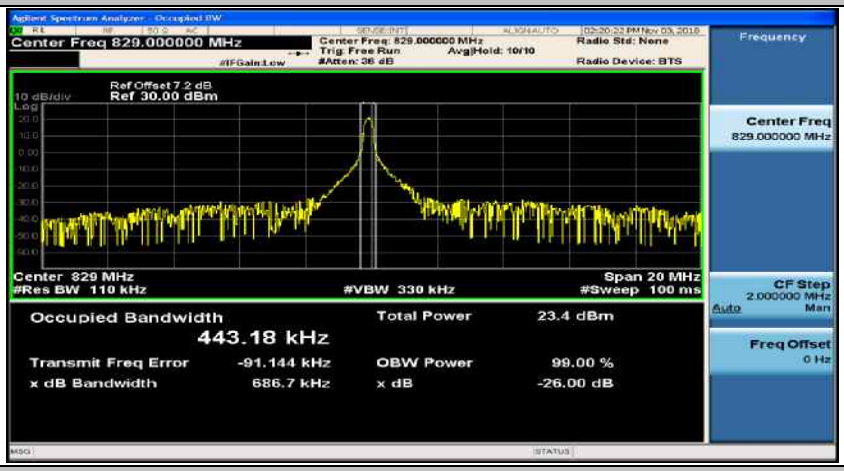
Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0


Agilent Spectrum Analyzer - Occupied BW
Center Freq 844.000000 MHz
Center Freq: 844.000000 MHz
Trig: Free Run
Avg|Hold: 10/10
#Atten: 36 dB
#IFGain:Low
Radio Std: None
Radio Device: BTS
Frequency
Ref Offset 7.2 dB
10 dB/div
Ref 30.00 dBm
Log
Center 844 MHz
#Res BW 110 kHz
#VBW 330 kHz
Span 20 MHz
#Sweep 100 ms
Center Freq
844.000000 MHz
CF Step
2.000000 MHz
Auto
Man
Freq Offset
0 Hz
Occupied Bandwidth
8.9565 MHz
Total Power
23.5 dBm
Transmit Freq Error
-8.660 kHz
OBW Power
99.00 %
x dB Bandwidth
9.507 MHz
x dB
-26.00 dB
MSG
STATUS

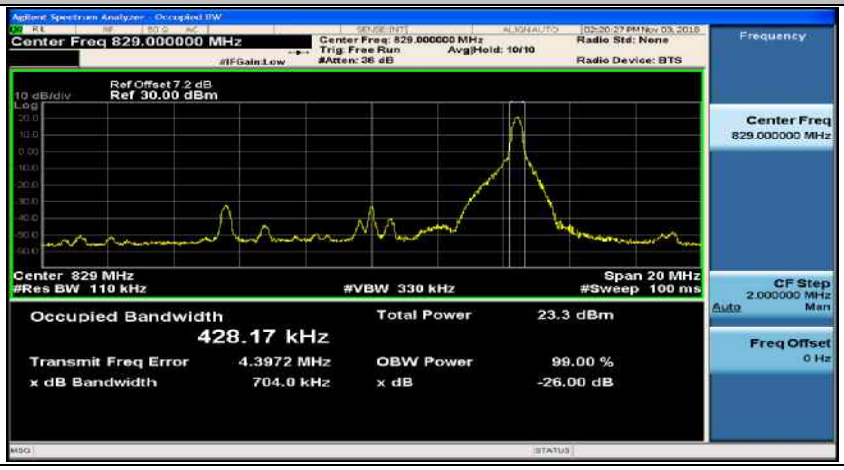
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



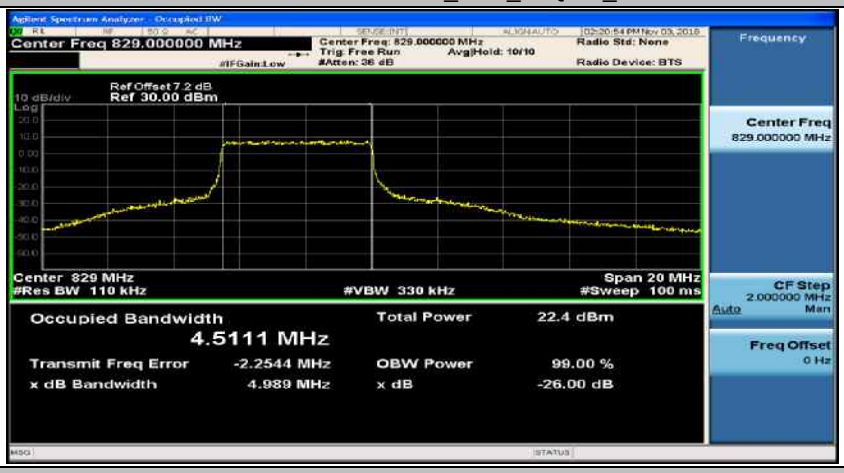
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#25



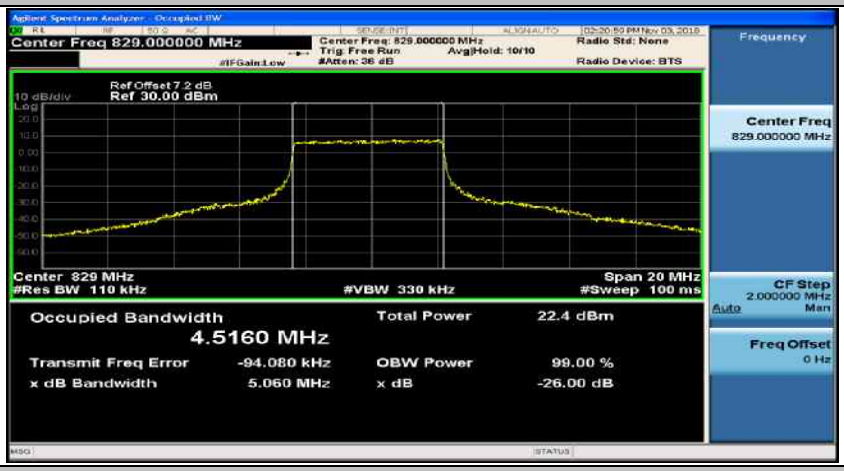
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49



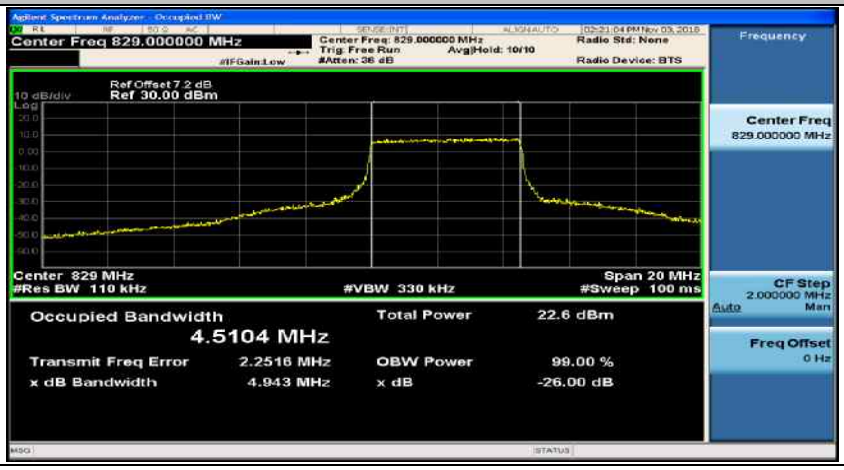
Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#0



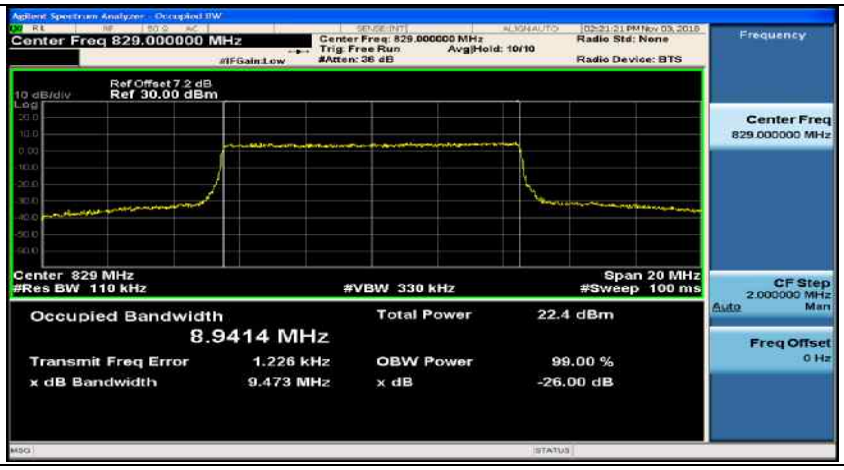
Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#12



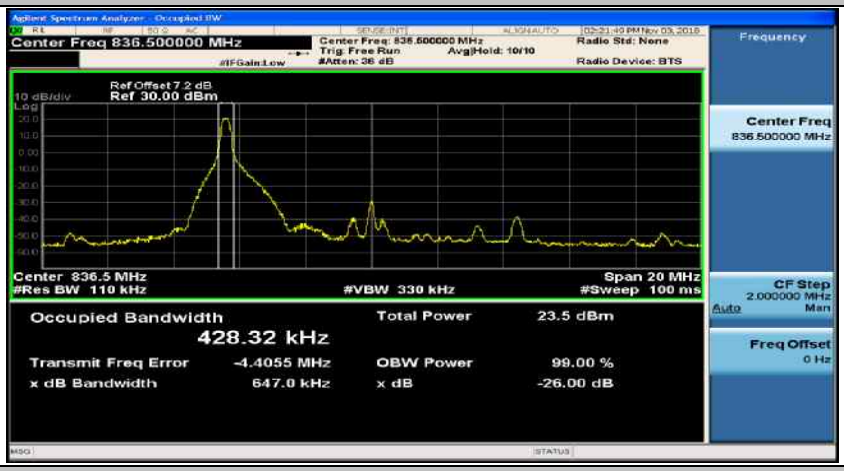
Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#25



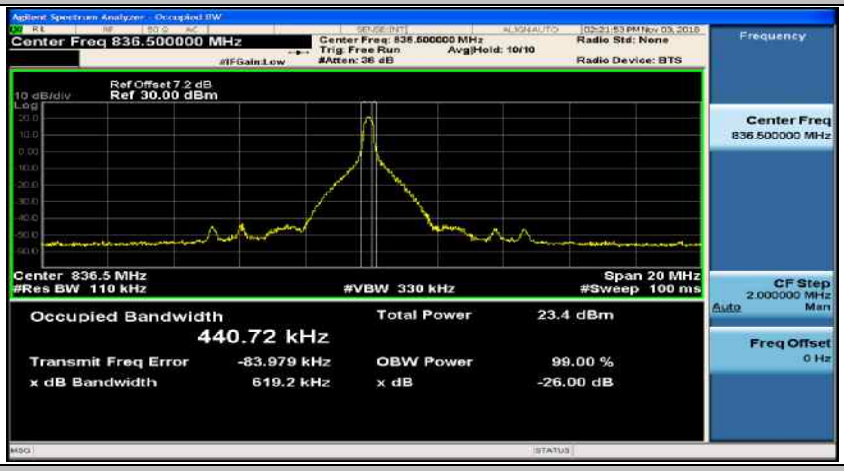
Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0



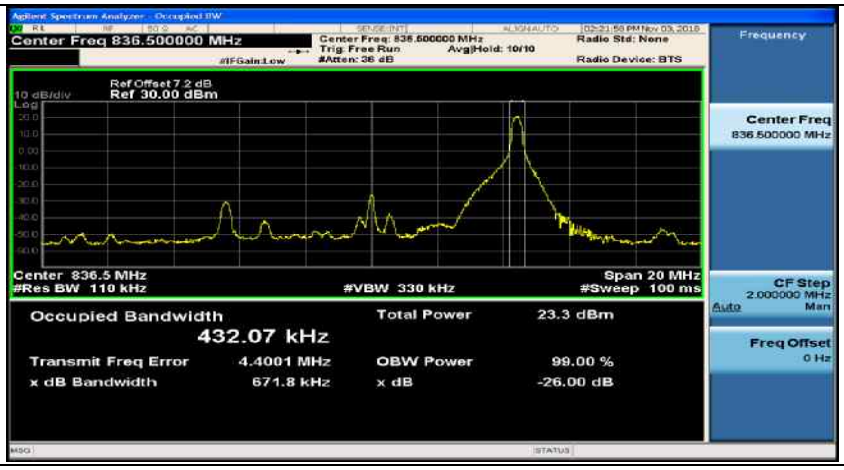
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0



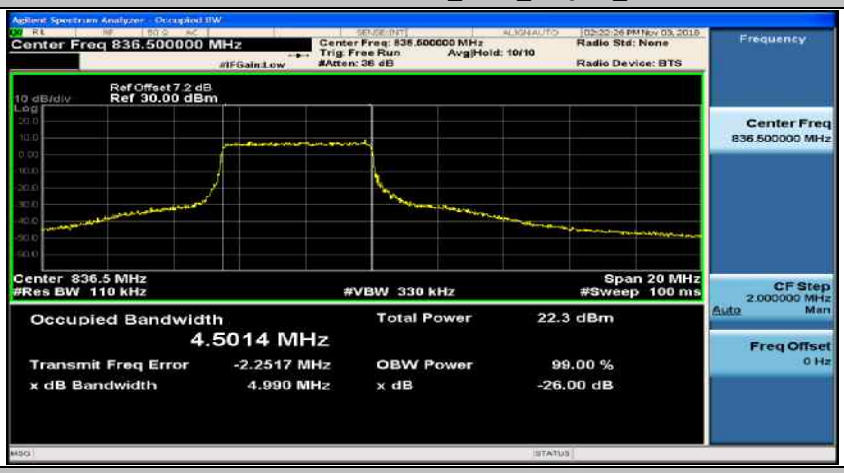
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#25



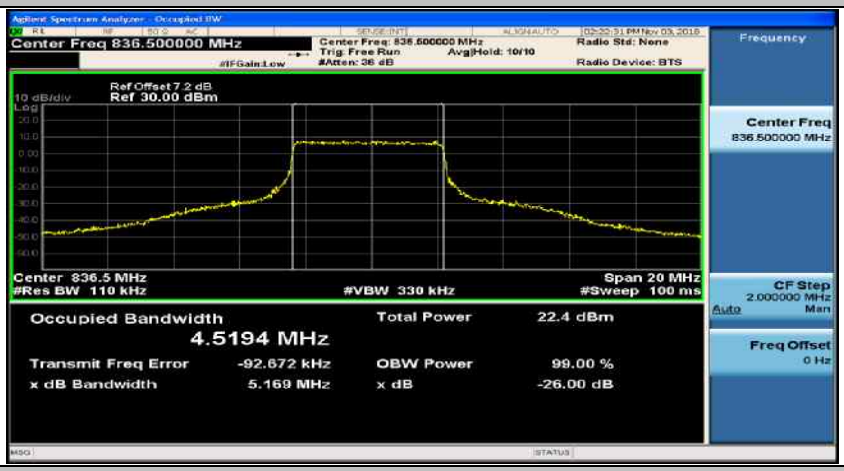
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49



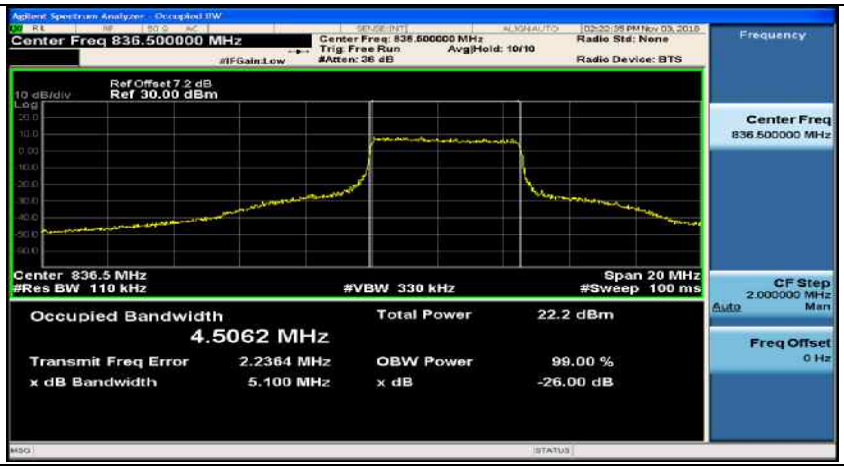
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#

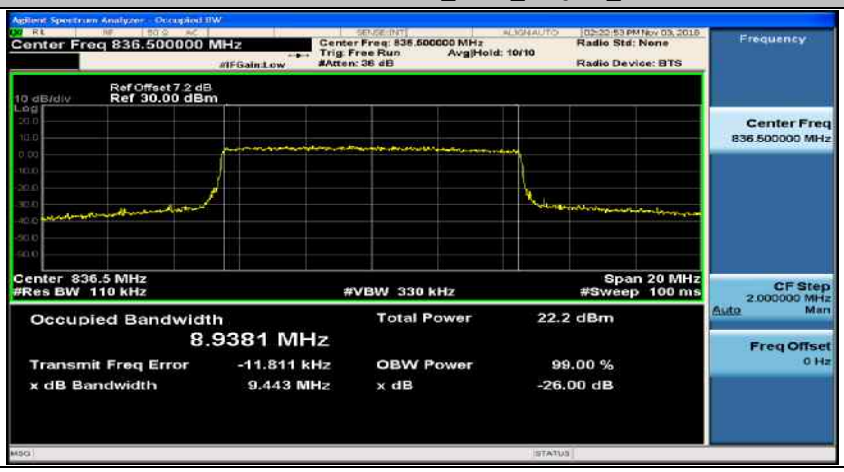


Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#12

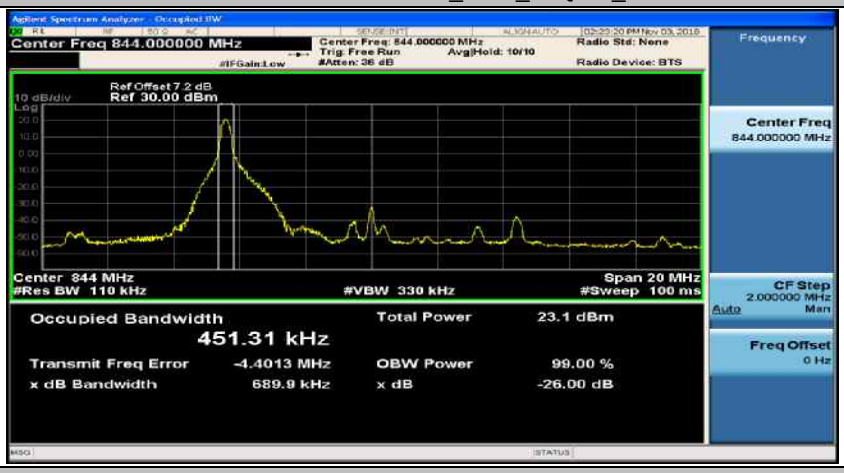


Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#25

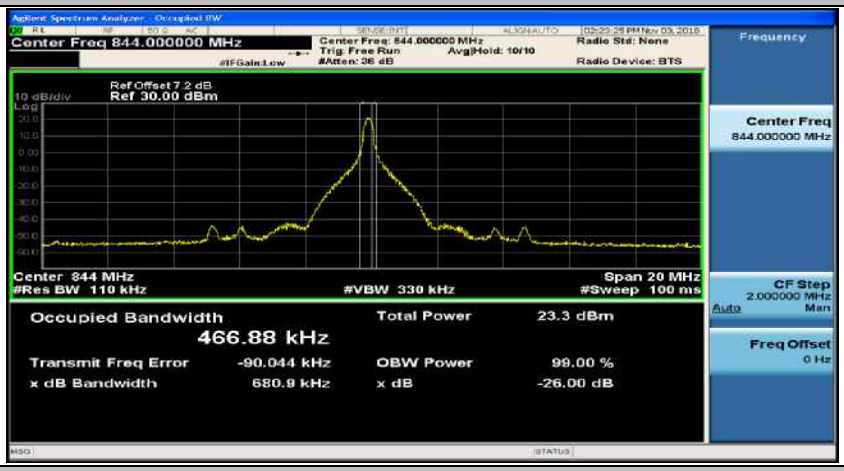


Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0


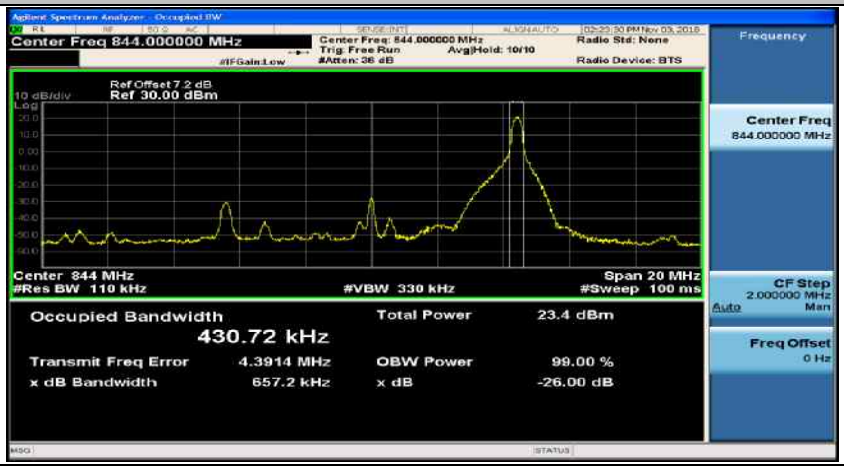
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0



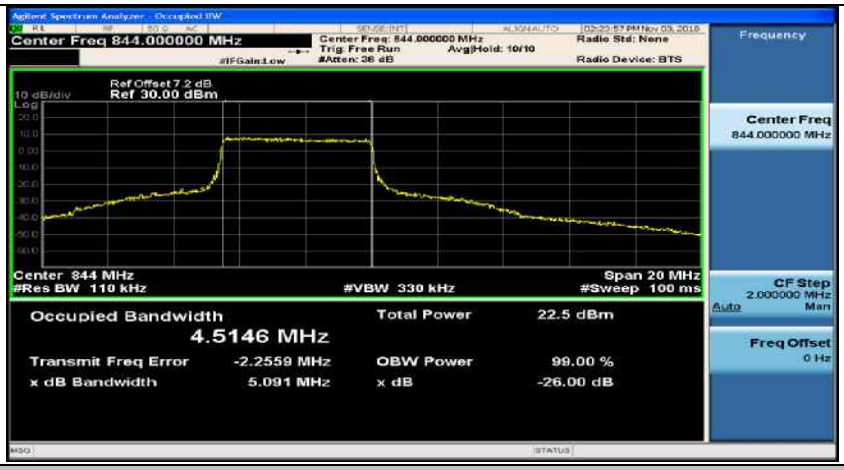
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#25



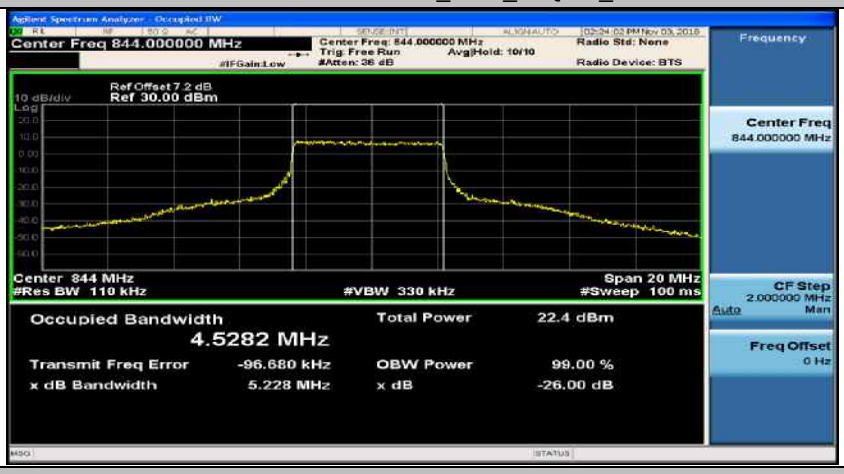
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#49



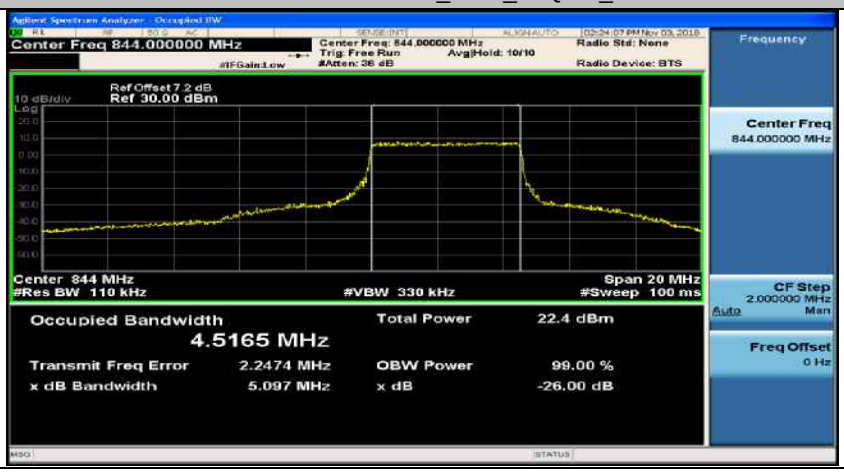
Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#0



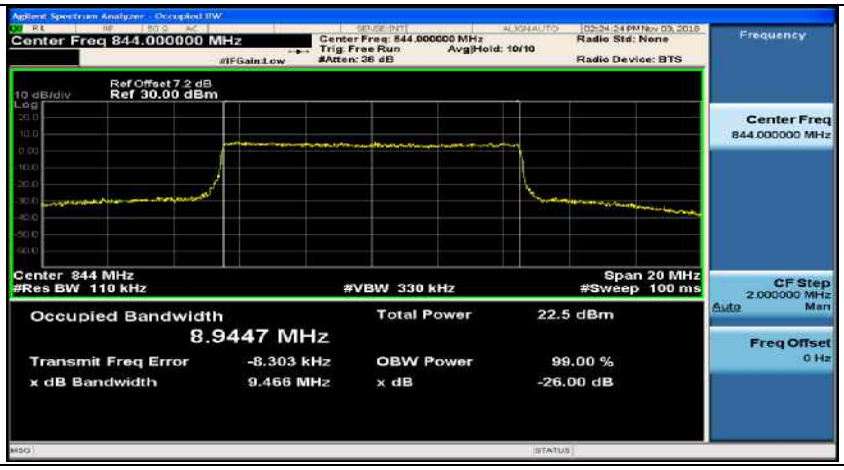
Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#12



Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#25



Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0


Agilent Spectrum Analyzer - Occupied BW
Center Freq 844.000000 MHz
Center Freq: 844.000000 MHz
Trig: Free Run
Avg|Hold: 10/10
#Atten: 36 dB
#IFGain:Low
Radio Std: None
Radio Device: BTS
Ref Offset 7.2 dB
10 dB/div
Ref 30.00 dBm
Log
Center 844 MHz
#Res BW 110 kHz
#VBW 330 kHz
Span 20 MHz
#Sweep 100 ms
Occupied Bandwidth
8.9447 MHz
Total Power 22.5 dBm
Transmit Freq Error -8.303 kHz
OBW Power 99.00 %
x dB Bandwidth 9.466 MHz
x dB -26.00 dB
Frequency
Center Freq
844.000000 MHz
CF Step
2.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#0
#Img-QPSK-L-15-1-L-XBW
(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#37
#Img-QPSK-L-15-1-M-XBW
(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#74
#Img-QPSK-L-15-1-H-XBW

(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#0
#Img-QPSK-L-15-P-L-XBW
(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#18
#Img-QPSK-L-15-P-M-XBW
(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#38
#Img-QPSK-L-15-P-H-XBW

(Channel Bandwidth:15 MHz)_LCH_QPSK_75RB#0
#Img-QPSK-L-15-F-L-XBW

(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#0
#Img-QPSK-M-15-1-L-XBW
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#37
#Img-QPSK-M-15-1-M-XBW
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#74

#Img-QPSK-M-15-1-H-XBW

(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#0
#Img-QPSK-M-15-P-L-XBW
(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#18
#Img-QPSK-M-15-P-M-XBW
(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#38
#Img-QPSK-M-15-P-H-XBW

(Channel Bandwidth:15 MHz)_MCH_QPSK_75RB#0
#Img-QPSK-M-15-F-L-XBW

(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#0
#Img-QPSK-H-15-1-L-XBW
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#37
#Img-QPSK-H-15-1-M-XBW
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#74

#Img-QPSK-H-15-1-H-XBW

(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#0
#Img-QPSK-H-15-P-L-XBW
(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#18
#Img-QPSK-H-15-P-M-XBW
(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#38
#Img-QPSK-H-15-P-H-XBW

(Channel Bandwidth:15 MHz)_HCH_QPSK_75RB#0
#Img-QPSK-H-15-F-L-XBW

(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#0
#Img-16QAM-L-15-1-L-XBW
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#37
#Img-16QAM-L-15-1-M-XBW
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#74
#Img-16QAM-L-15-1-H-XBW

(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#0
#Img-16QAM-L-15-P-L-XBW

(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#18
#Img-16QAM-L-15-P-M-XBW
(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#38
#Img-16QAM-L-15-P-H-XBW

(Channel Bandwidth:15 MHz)_LCH_16QAM_75RB#0
#Img-16QAM-L-15-F-L-XBW

(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#0

#Img-16QAM-M-15-1-L-XBW
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#37
#Img-16QAM-M-15-1-M-XBW
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#74
#Img-16QAM-M-15-1-H-XBW

(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#0
#Img-16QAM-M-15-P-L-XBW
(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#18

#Img-16QAM-M-15-P-M-XBW

(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#38

#Img-16QAM-M-15-P-H-XBW

(Channel Bandwidth:15 MHz)_MCH_16QAM_75RB#0

#Img-16QAM-M-15-F-L-XBW

(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0

#Img-16QAM-H-15-1-L-XBW

(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#37

#Img-16QAM-H-15-1-M-XBW

(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#74

#Img-16QAM-H-15-1-H-XBW

(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#0

#Img-16QAM-H-15-P-L-XBW

(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#18

#Img-16QAM-H-15-P-M-XBW
(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#38
#Img-16QAM-H-15-P-H-XBW

(Channel Bandwidth:15 MHz)_HCH_16QAM_75RB#0
#Img-16QAM-H-15-F-L-XBW

(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#0
#Img-QPSK-L-20-1-L-XBW
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#50
#Img-QPSK-L-20-1-M-XBW
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#99
#Img-QPSK-L-20-1-H-XBW

(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#0
#Img-QPSK-L-20-P-L-XBW
(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#25
#Img-QPSK-L-20-P-M-XBW
(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#50
#Img-QPSK-L-20-P-H-XBW

(Channel Bandwidth:20 MHz)_LCH_QPSK_100RB#0
#Img-QPSK-L-20-F-L-XBW

(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0
#Img-QPSK-M-20-1-L-XBW
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#50
#Img-QPSK-M-20-1-M-XBW
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#99
#Img-QPSK-M-20-1-H-XBW

(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#0
#Img-QPSK-M-20-P-L-XBW
(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#25
#Img-QPSK-M-20-P-M-XBW
(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#50
#Img-QPSK-M-20-P-H-XBW

(Channel Bandwidth:20 MHz)_MCH_QPSK_100RB#0
#Img-QPSK-M-20-F-L-XBW

(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#0
#Img-QPSK-H-20-1-L-XBW
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#50
#Img-QPSK-H-20-1-M-XBW
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#99
#Img-QPSK-H-20-1-H-XBW

(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#0
#Img-QPSK-H-20-P-L-XBW
(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#25
#Img-QPSK-H-20-P-M-XBW
(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#50
#Img-QPSK-H-20-P-H-XBW

(Channel Bandwidth:20 MHz)_HCH_QPSK_100RB#0
#Img-QPSK-H-20-F-L-XBW

(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#0
#Img-16QAM-L-20-1-L-XBW
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#50
#Img-16QAM-L-20-1-M-XBW
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#99
#Img-16QAM-L-20-1-H-XBW

(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#0
#Img-16QAM-L-20-P-L-XBW
(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#25
#Img-16QAM-L-20-P-M-XBW
(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#50
#Img-16QAM-L-20-P-H-XBW

(Channel Bandwidth:20 MHz)_LCH_16QAM_100RB#0
#Img-16QAM-L-20-F-L-XBW

(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#0
#Img-16QAM-M-20-1-L-XBW
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#50
#Img-16QAM-M-20-1-M-XBW
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#99
#Img-16QAM-M-20-1-H-XBW

(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#0
#Img-16QAM-M-20-P-L-XBW
(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#25
#Img-16QAM-M-20-P-M-XBW
(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#50
#Img-16QAM-M-20-P-H-XBW

(Channel Bandwidth:20 MHz)_MCH_16QAM_100RB#0
#Img-16QAM-M-20-F-L-XBW

(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#0
#Img-16QAM-H-20-1-L-XBW
(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#50
#Img-16QAM-H-20-1-M-XBW
(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#99
#Img-16QAM-H-20-1-H-XBW

(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#0
#Img-16QAM-H-20-P-L-XBW
(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#25
#Img-16QAM-H-20-P-M-XBW
(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#50
#Img-16QAM-H-20-P-H-XBW

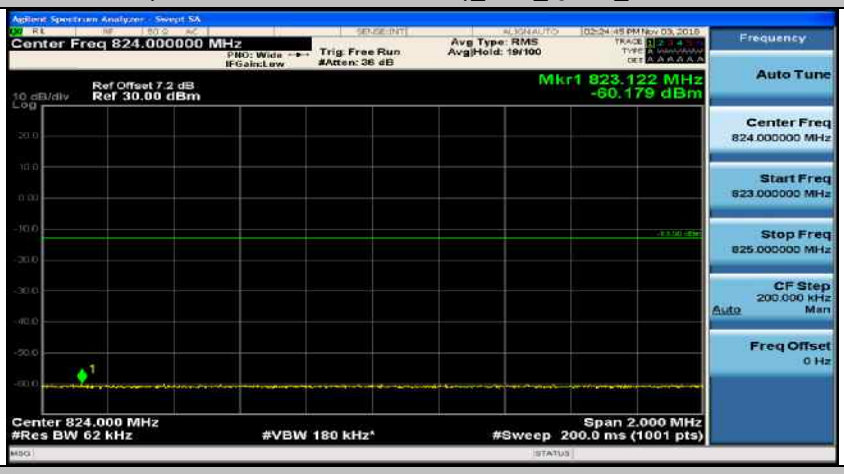
(Channel Bandwidth:20 MHz)_HCH_16QAM_100RB#0
#Img-16QAM-H-20-F-L-XBW

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

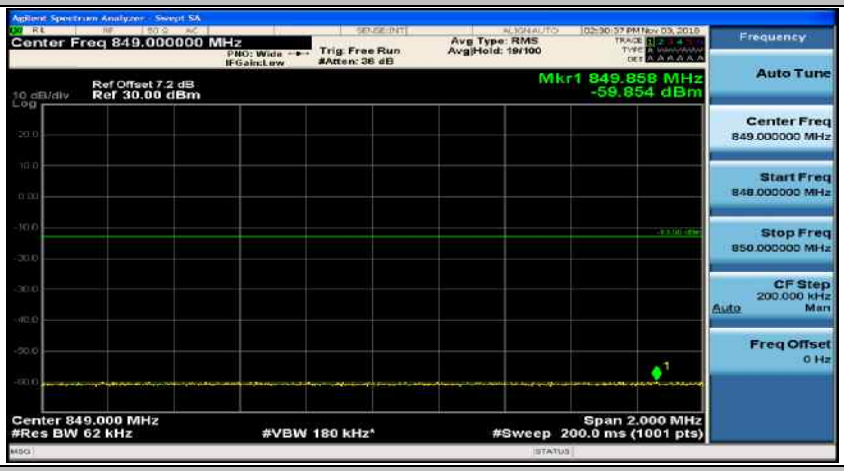
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#0

(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_3RB#3