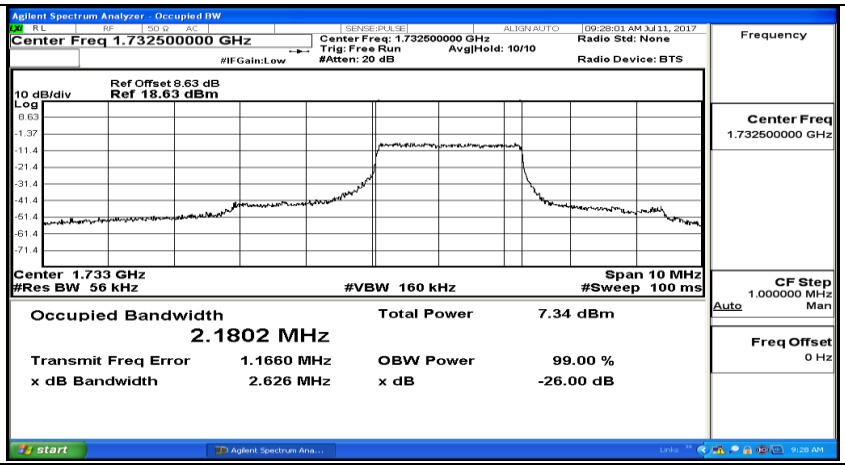
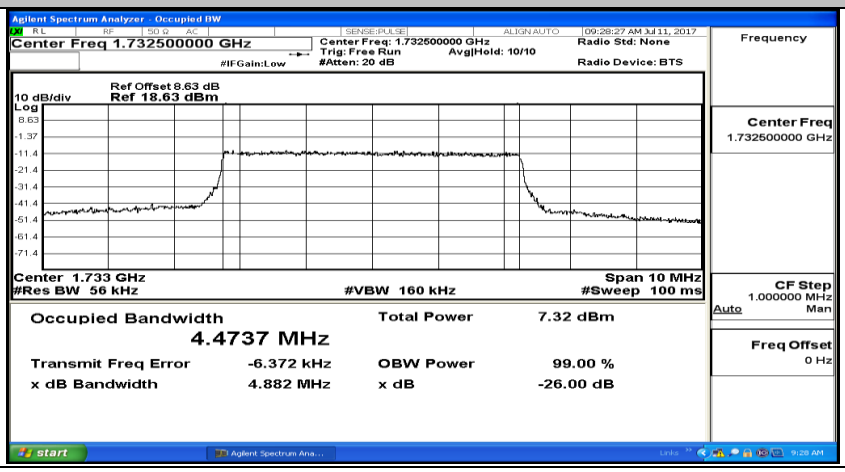
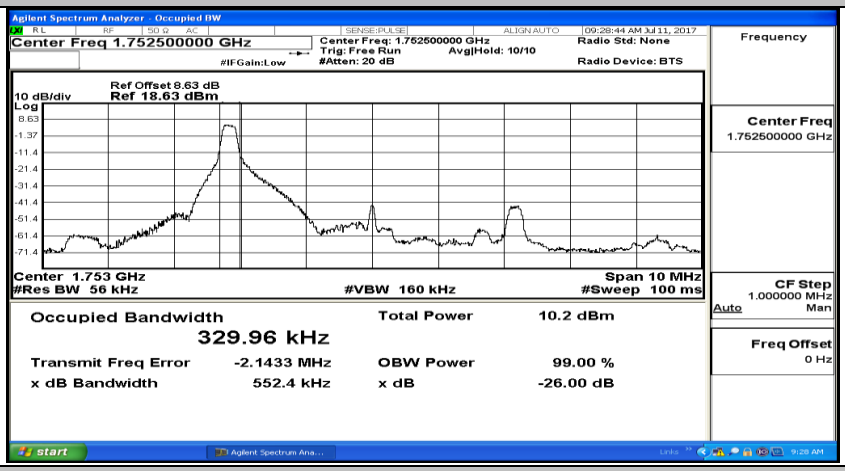


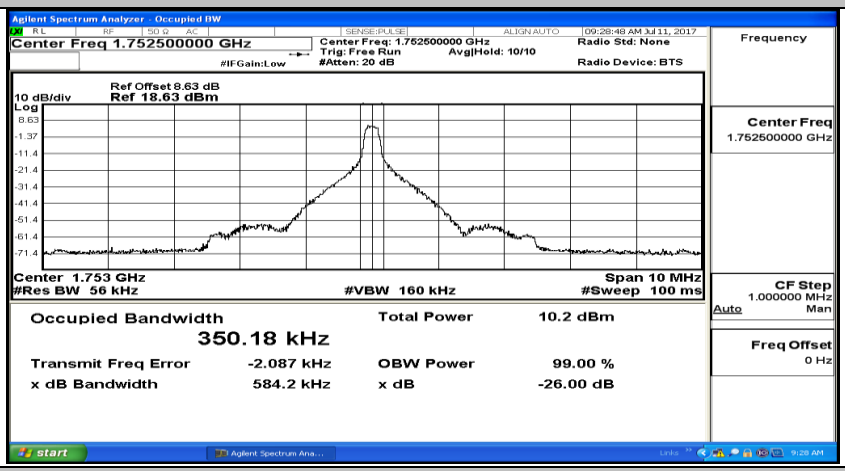
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



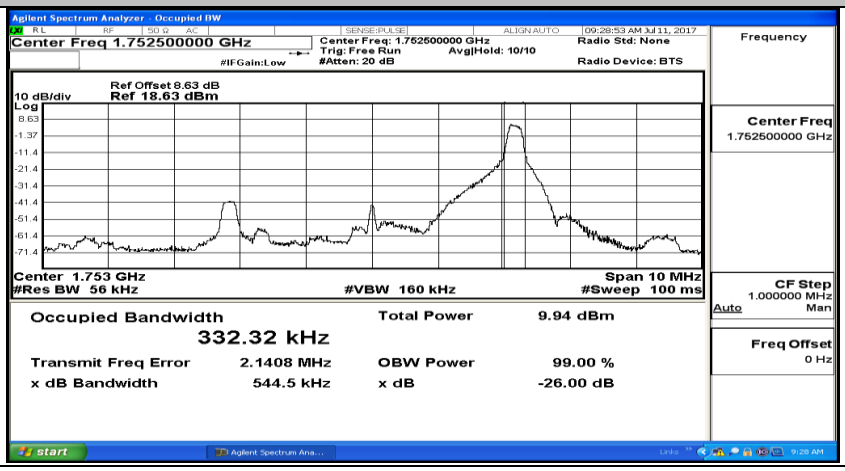
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



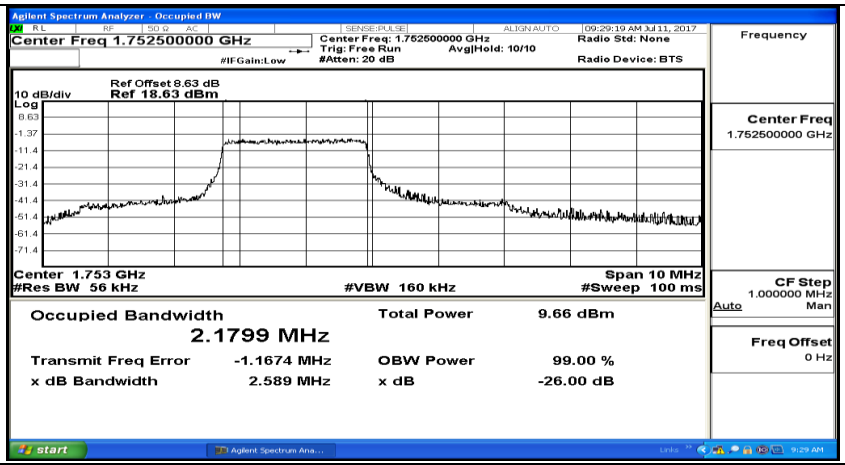
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



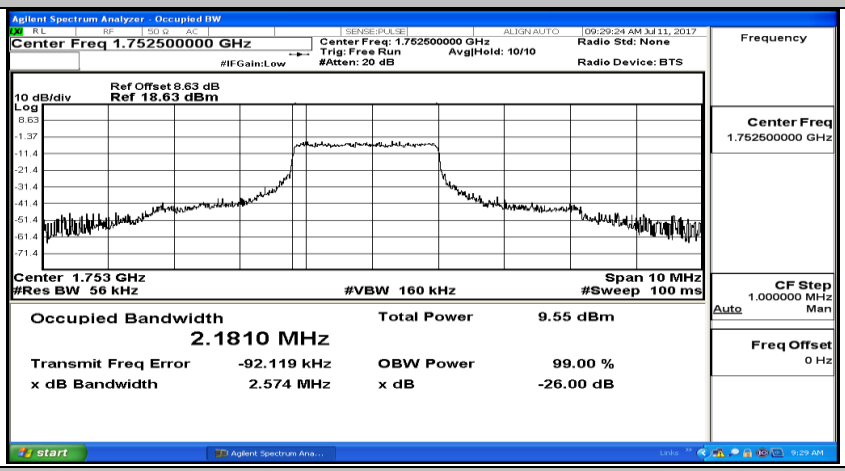
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



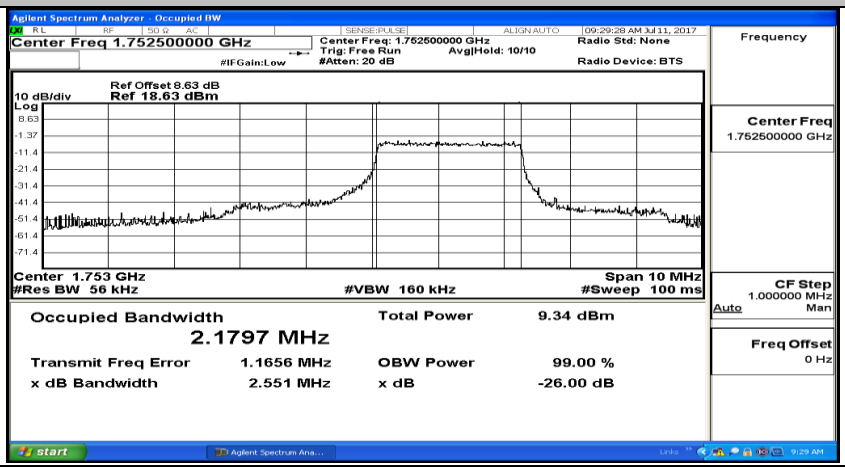
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



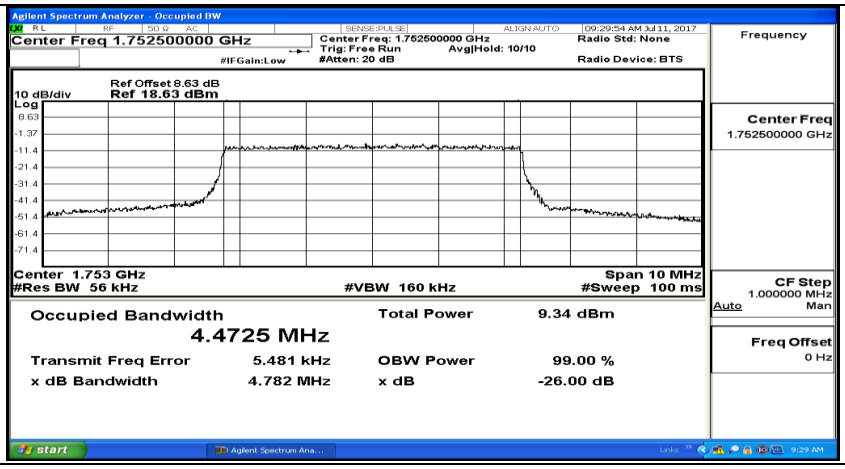
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



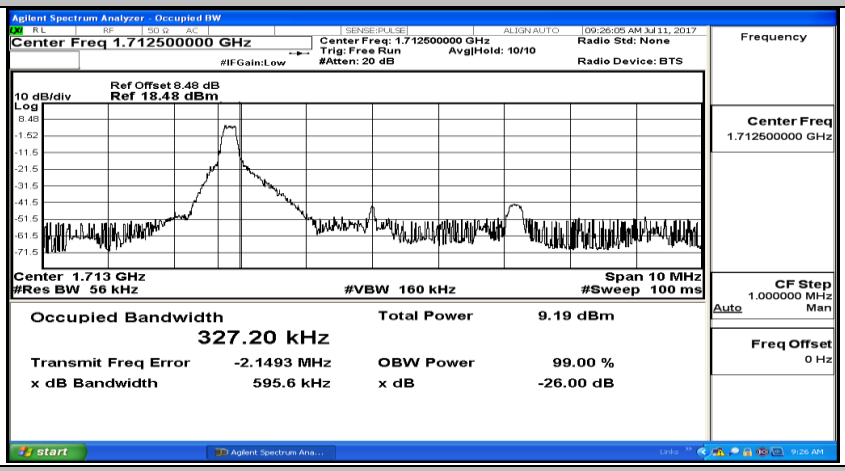
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



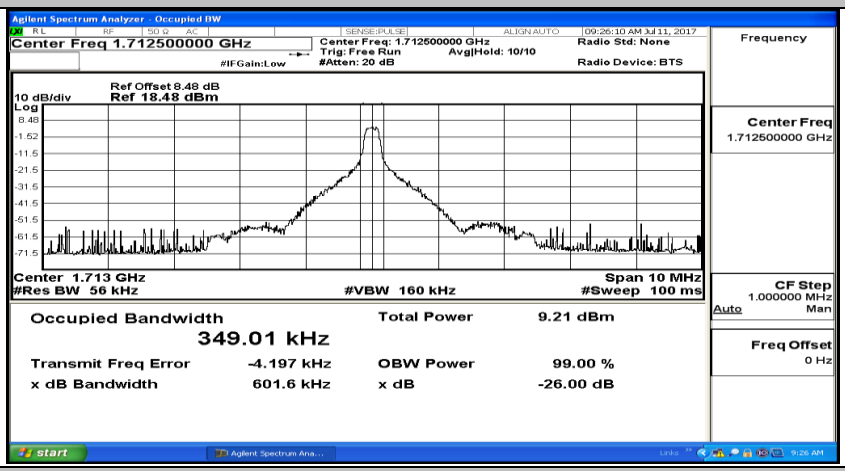
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0


Agilent Spectrum Analyzer - Occupied BW
RL
RF
50 Ω
AC
SENSE:PULSE
ALIGN AUTO
09:29:54 AM Jul 11, 2017
Center Freq 1.752500000 GHz
Center Freq: 1.752500000 GHz
Trig: Free Run
Avg|Hold: 10/10
#IFGain:Low
#Atten: 20 dB
Radio Std: None
Radio Device: BTS
Frequency
Ref Offset 8.63 dB
10 dB/div
Ref 18.63 dBm
Log
8.63
-1.37
-11.4
-21.4
-31.4
-41.4
-51.4
-61.4
-71.4
Center 1.753 GHz
#Res BW 56 kHz
#VBW 160 kHz
Span 10 MHz
#Sweep 100 ms
Occupied Bandwidth
4.4725 MHz
Total Power
9.34 dBm
Transmit Freq Error
5.481 kHz
OBW Power
99.00 %
x dB Bandwidth
4.782 MHz
x dB
-26.00 dB
Center Freq
1.752500000 GHz
CF Step
1.000000 MHz
Auto
Man
Freq Offset
0 Hz
start
Agilent Spectrum Ana...
Links
9:29 AM

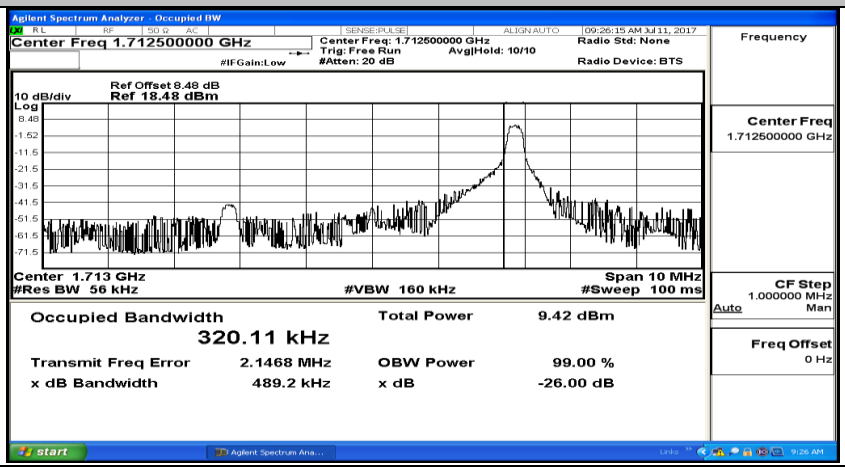
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



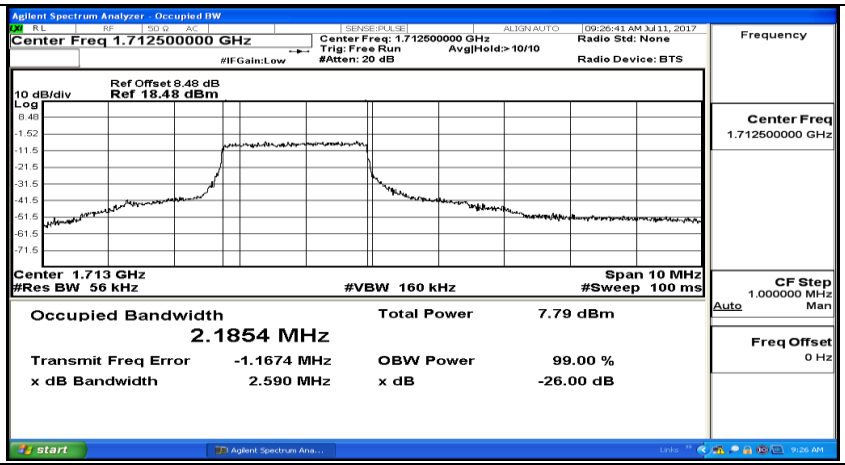
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



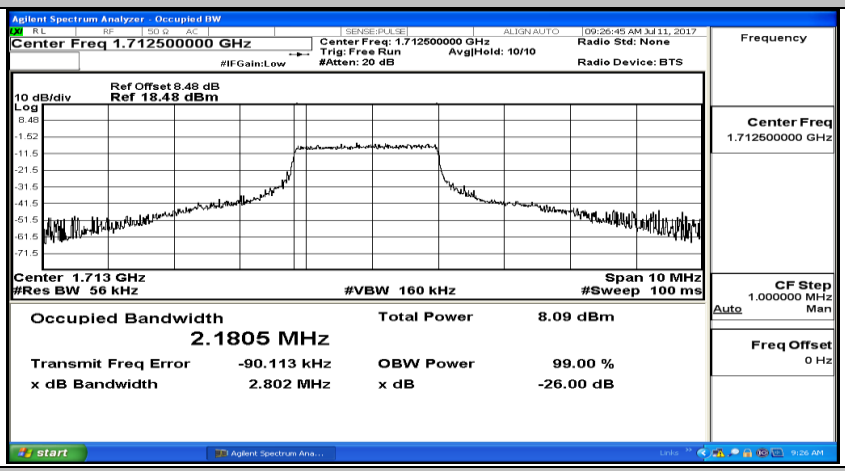
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



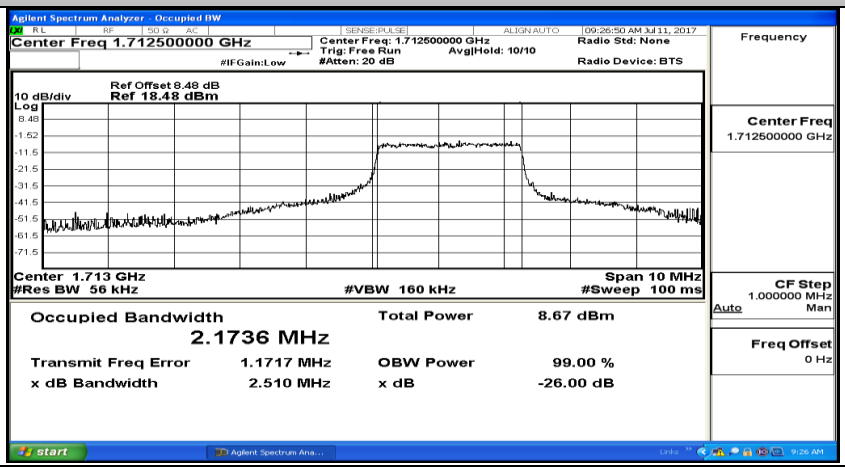
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



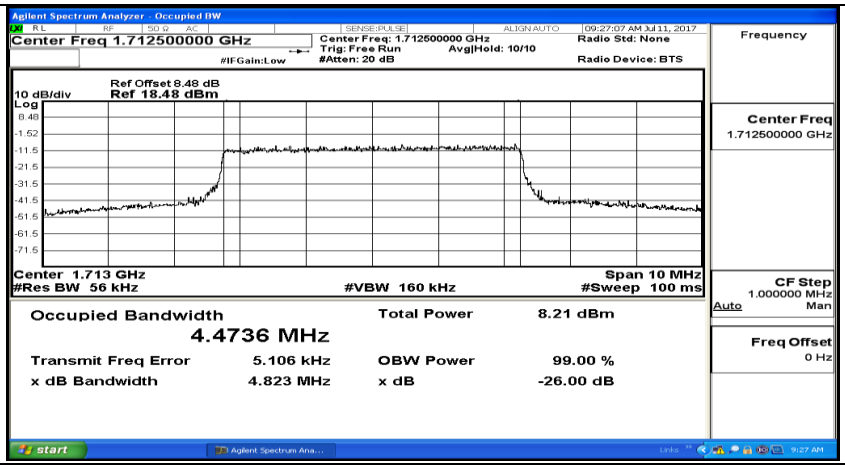
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



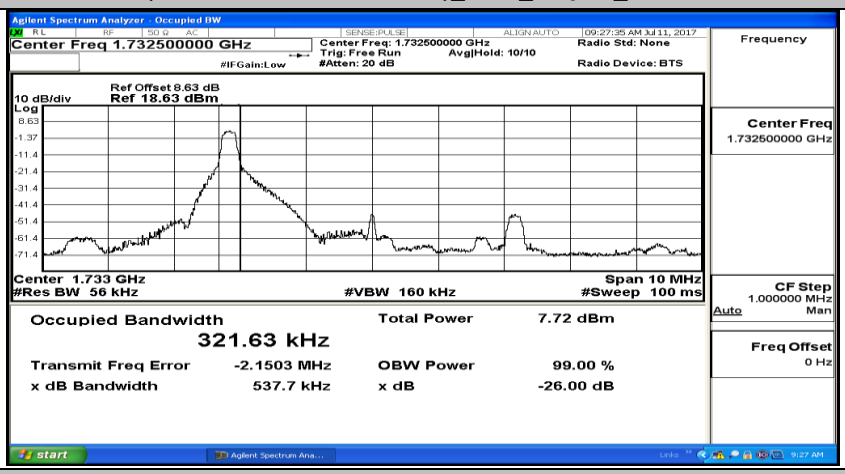
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



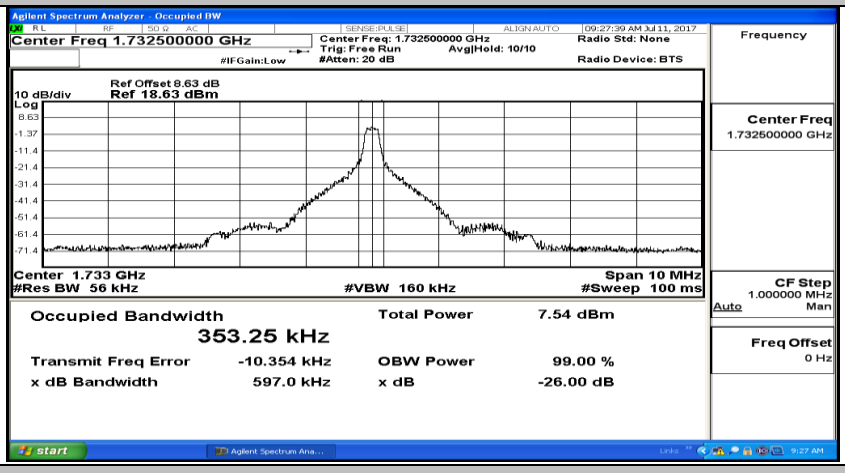
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



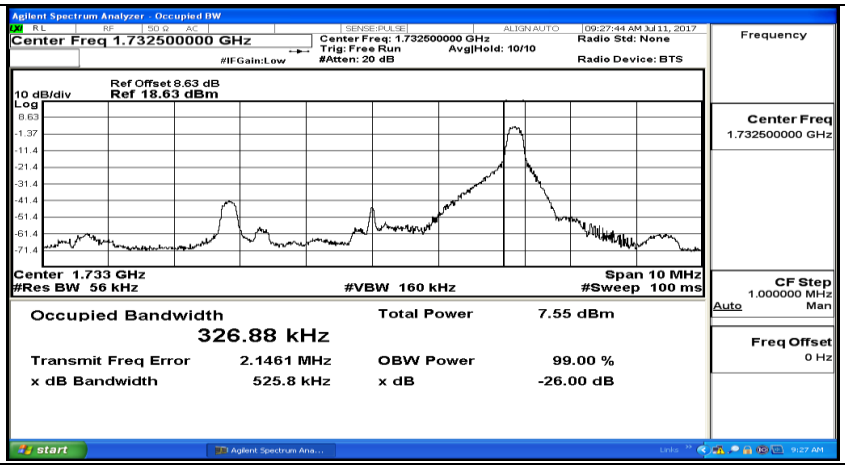
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0



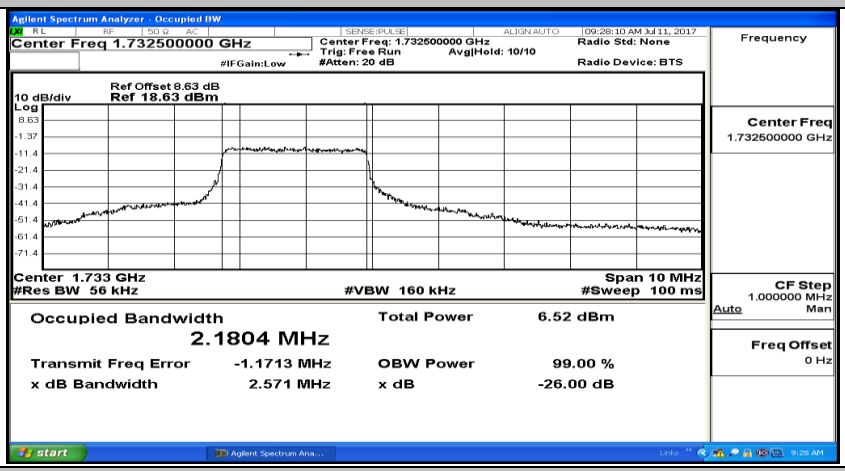
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12



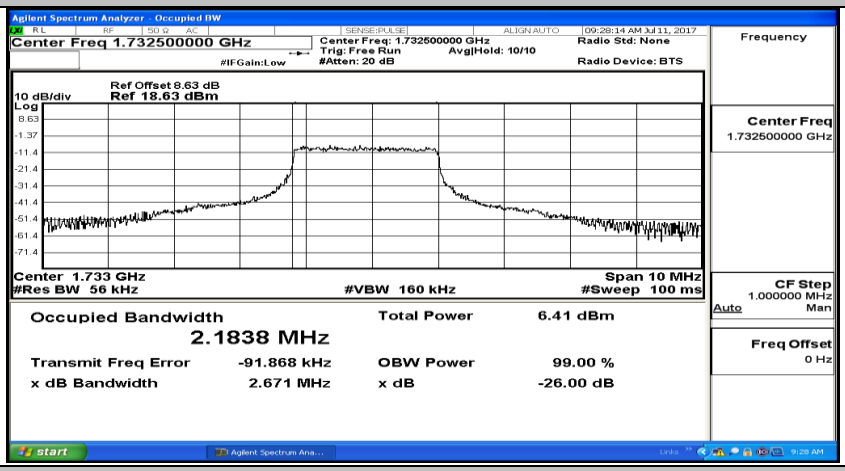
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24



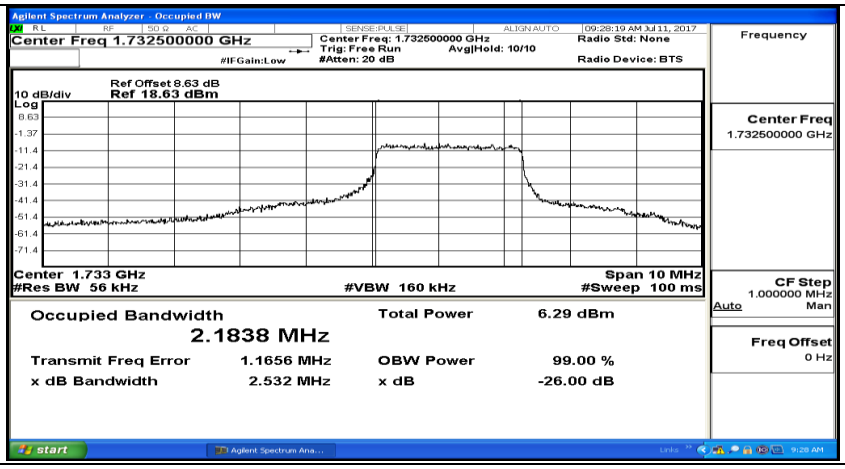
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#0



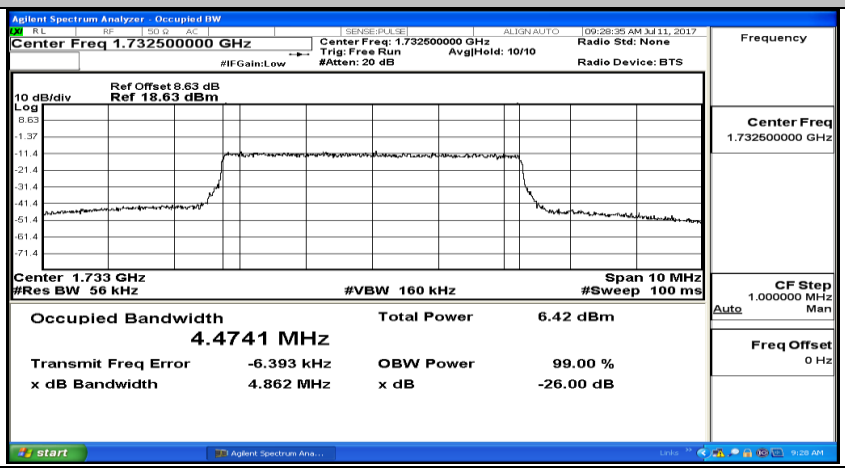
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#6



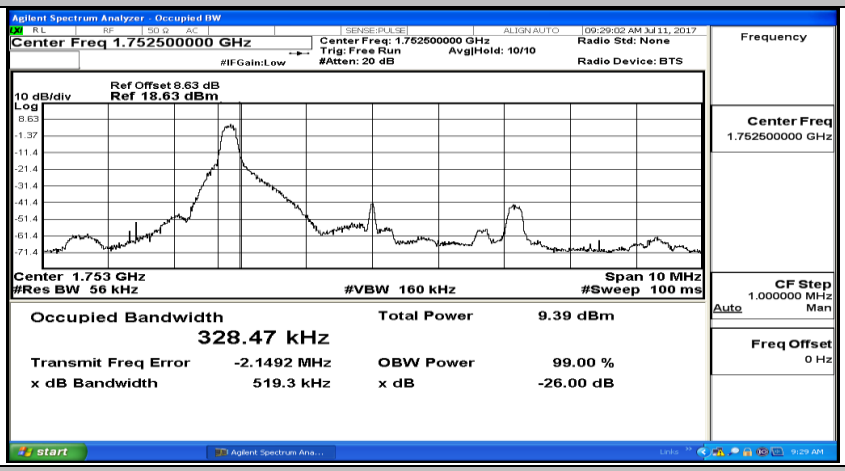
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#13



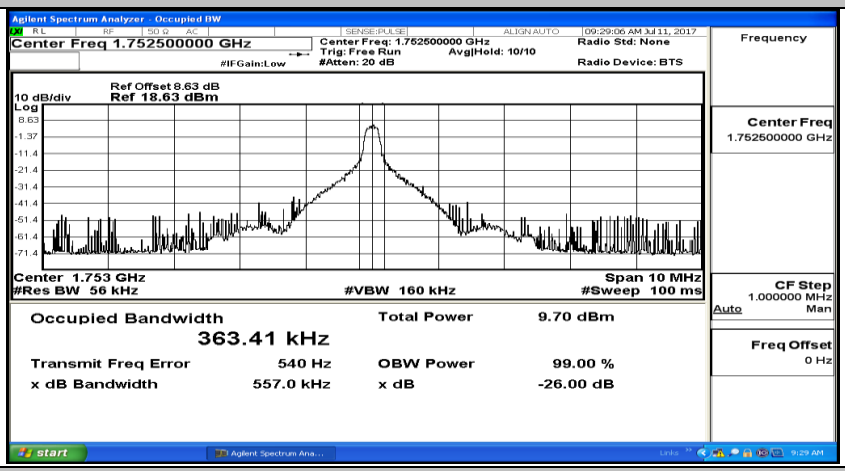
(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0



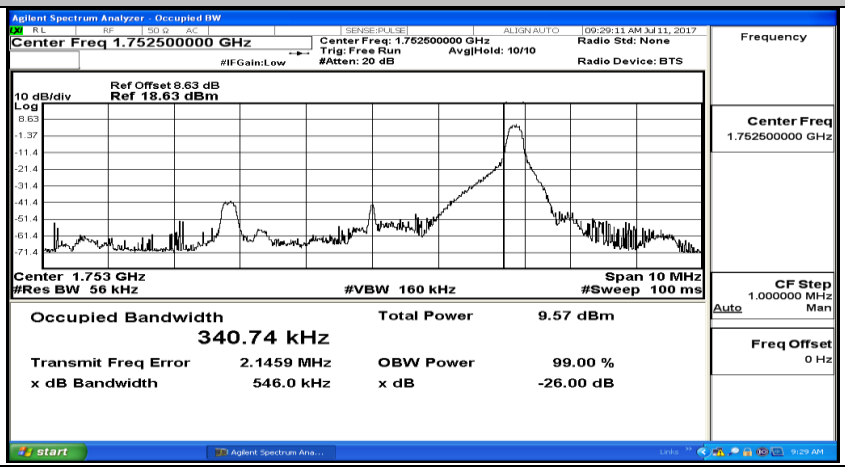
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



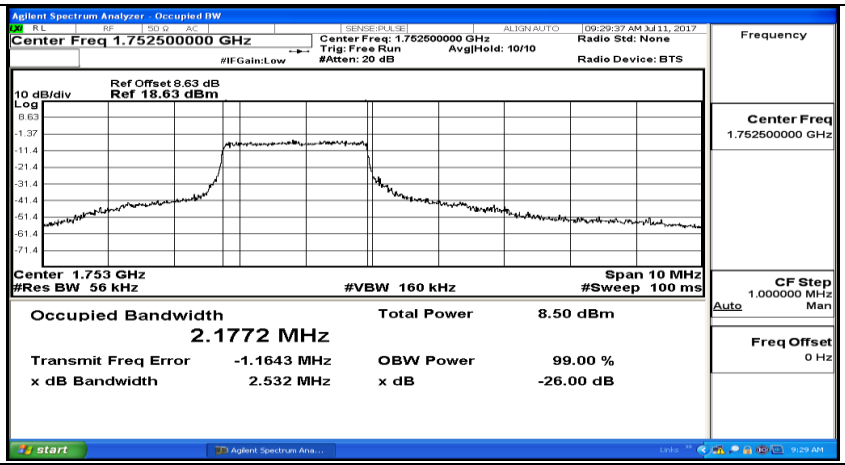
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



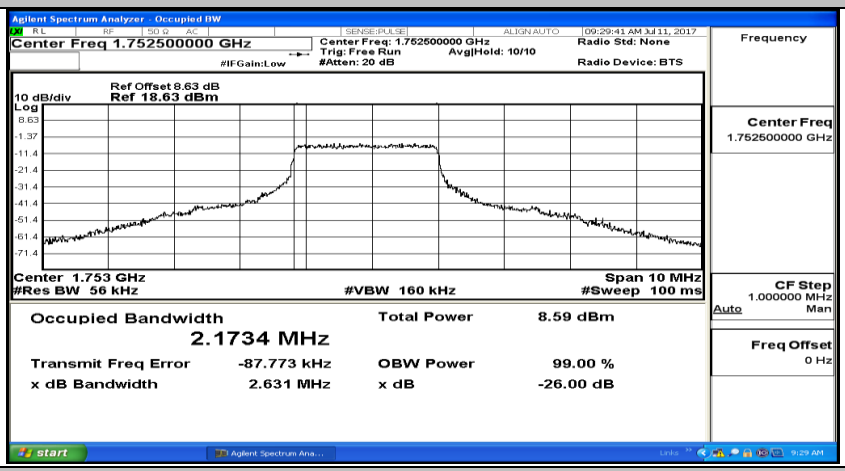
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



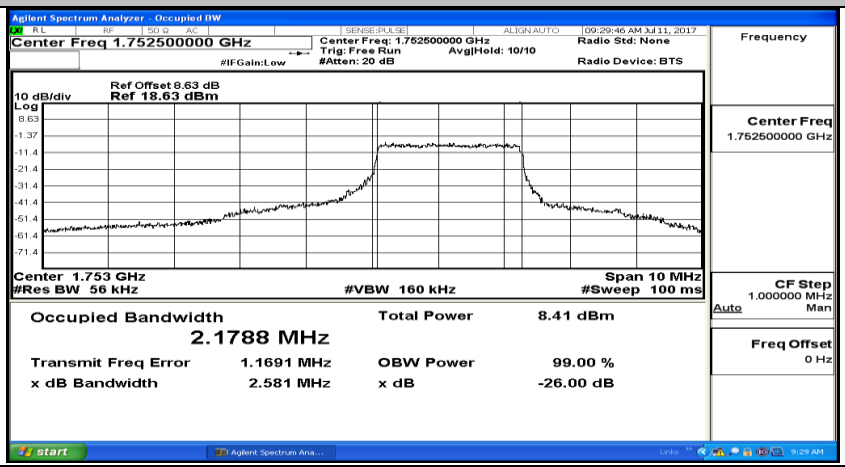
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0



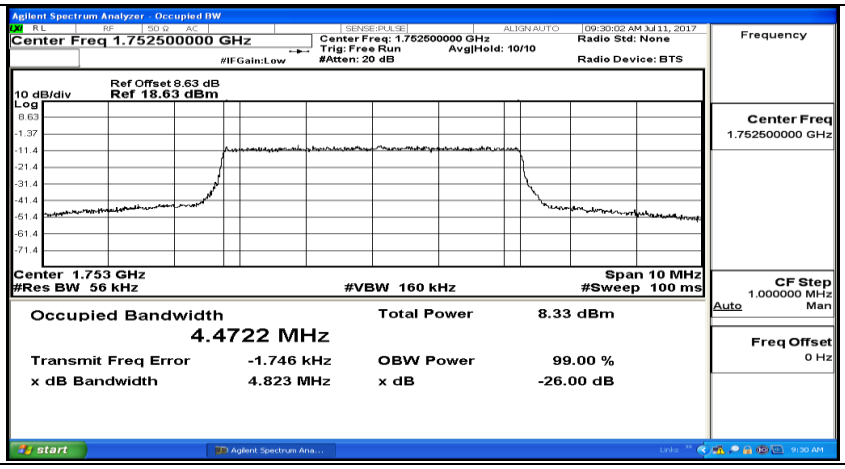
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



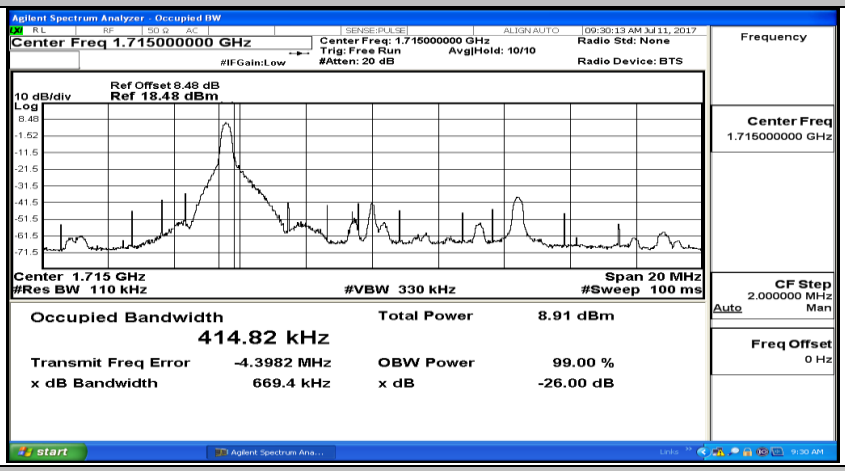
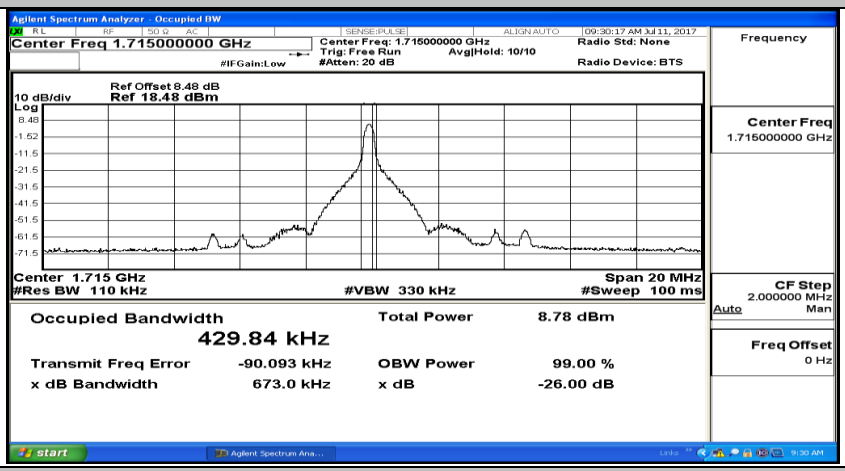
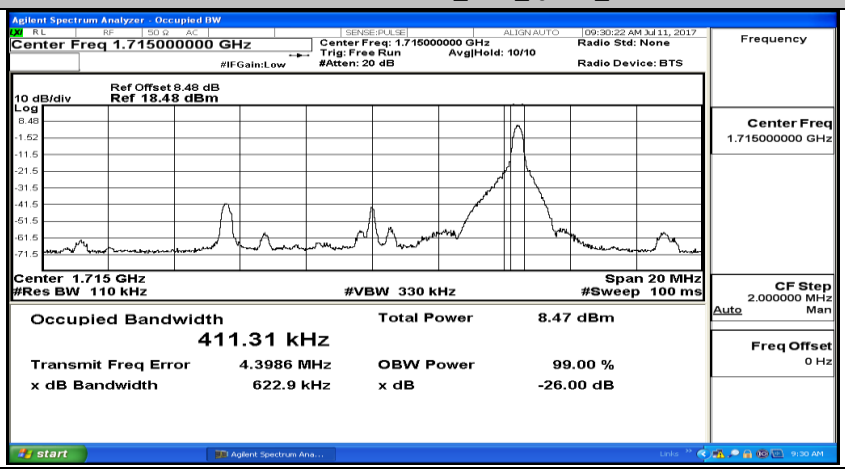
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13



(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0


Agilent Spectrum Analyzer - Occupied BW
RL
RF
50 Ω
AC
SENSE:PULSE
ALIGN AUTO
09:30:02 AM Jul 11, 2017
Center Freq 1.752500000 GHz
Center Freq: 1.752500000 GHz
Trig: Free Run
Avg|Hold: 10/10
#IFGain:Low
#Atten: 20 dB
Radio Std: None
Radio Device: BTS
Frequency
Ref Offset 8.63 dB
10 dB/div
Ref 18.63 dBm
Log
8.63
-1.37
-11.4
-21.4
-31.4
-41.4
-51.4
-61.4
-71.4
Center 1.753 GHz
#Res BW 56 kHz
#VBW 160 kHz
Span 10 MHz
#Sweep 100 ms
Occupied Bandwidth
4.4722 MHz
Total Power
8.33 dBm
Transmit Freq Error
-1.746 kHz
OBW Power
99.00 %
x dB Bandwidth
4.823 MHz
x dB
-26.00 dB
Center Freq
1.752500000 GHz
CF Step
1.000000 MHz
Auto
Man
Freq Offset
0 Hz
start
Agilent Spectrum Ana...
9:30 AM

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


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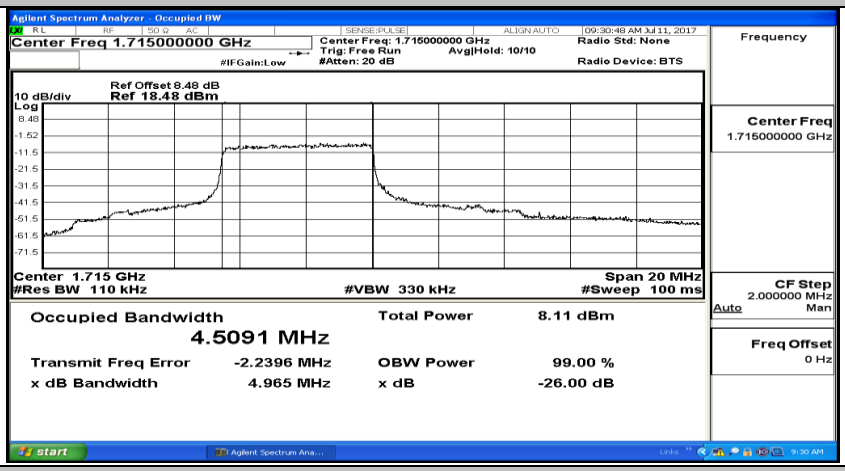
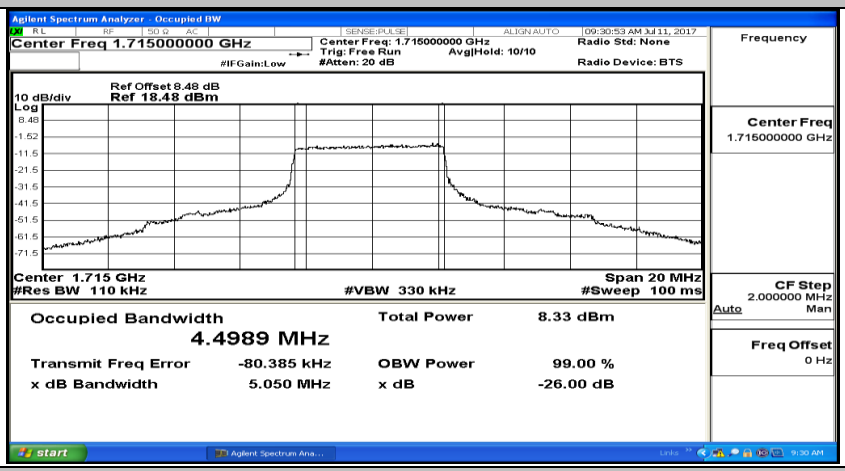
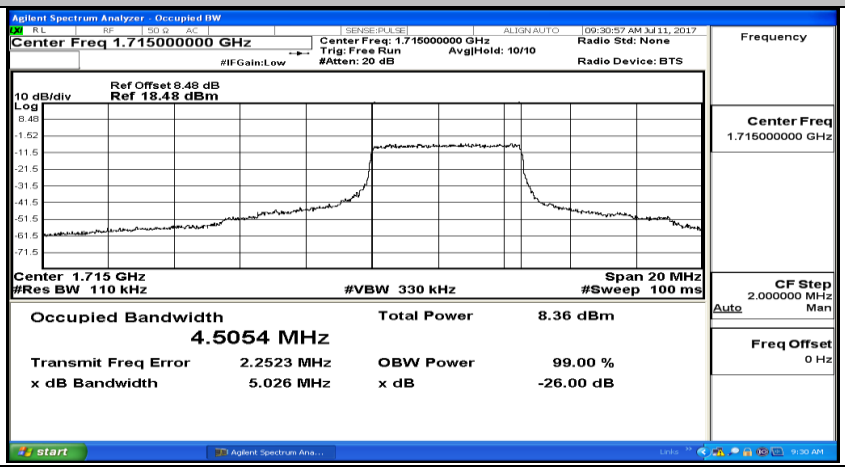


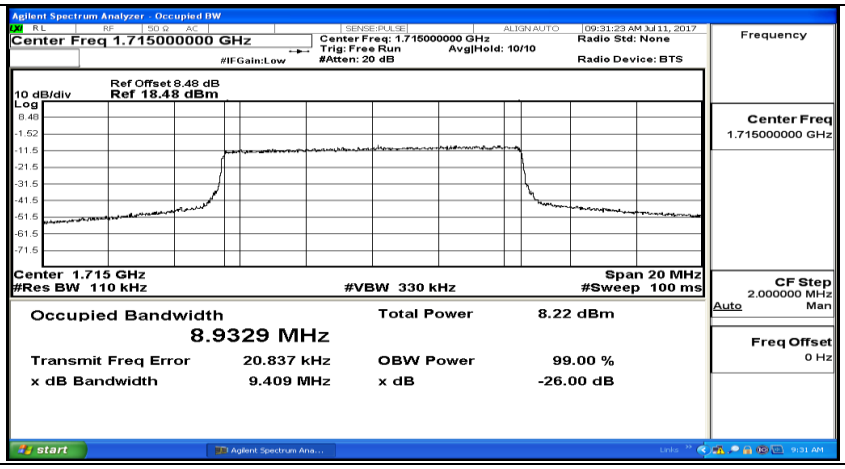
Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#12



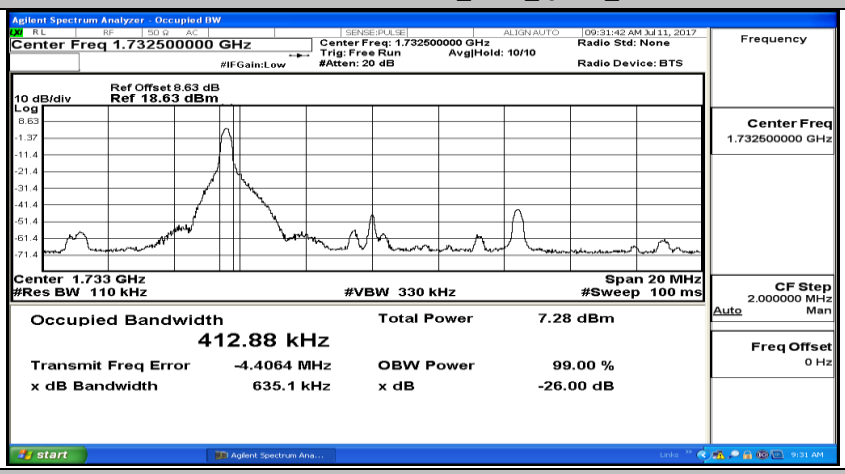
Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#25



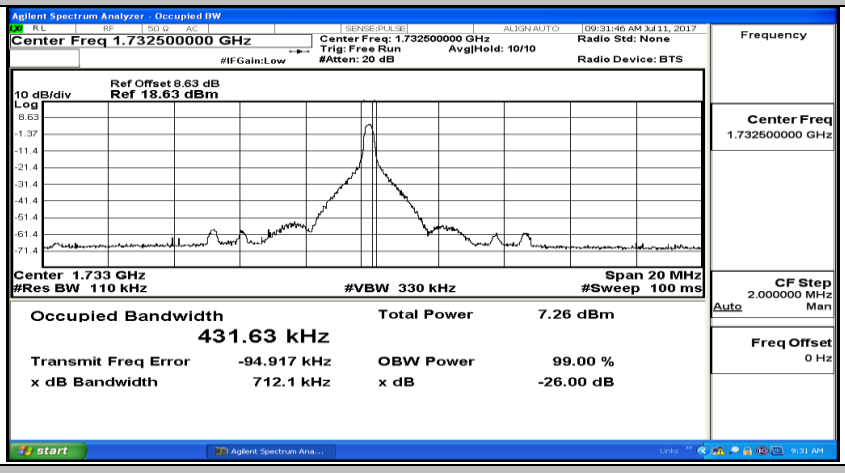
Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0



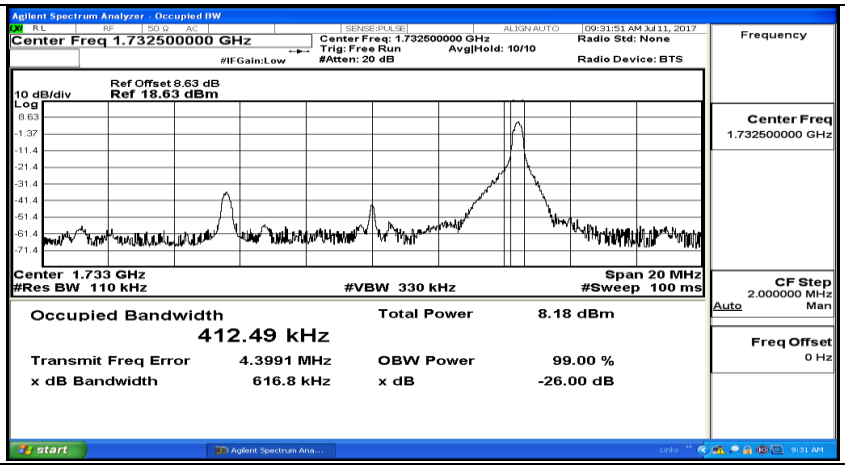
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0



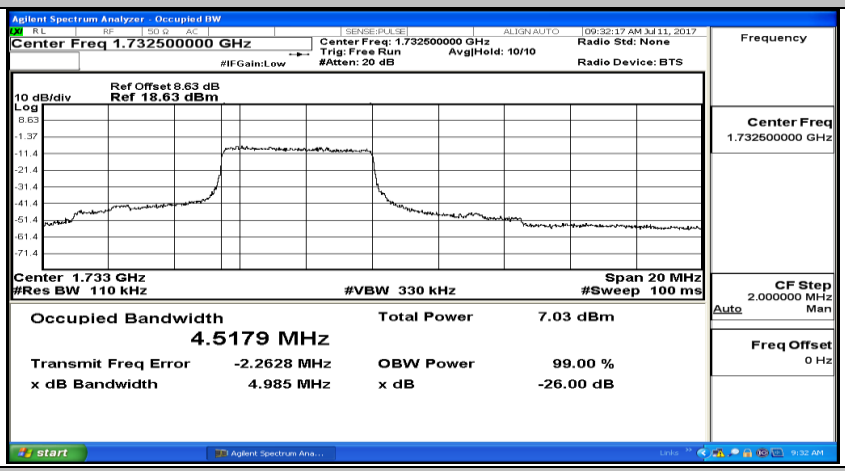
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#25



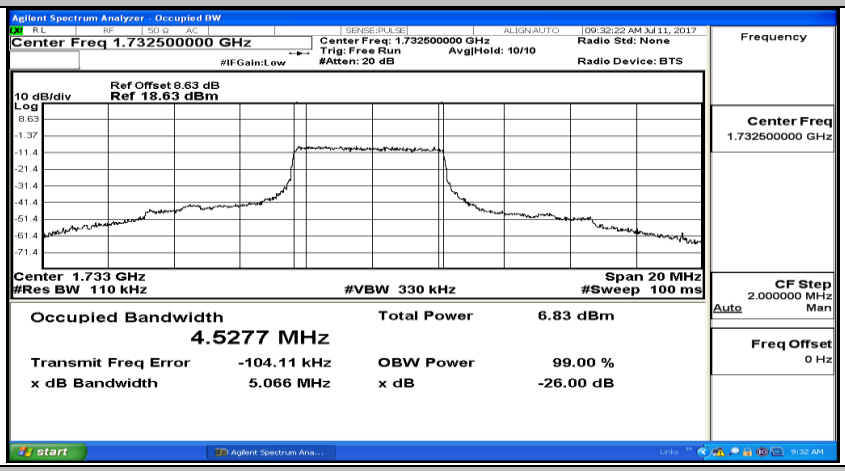
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49



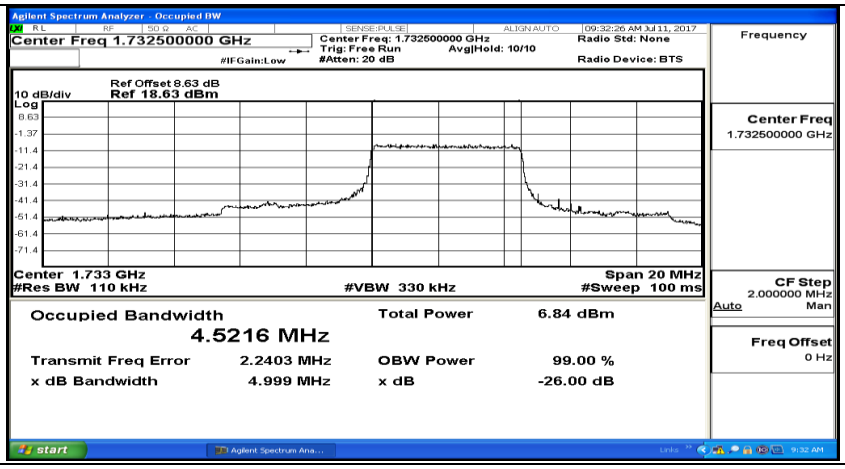
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#0



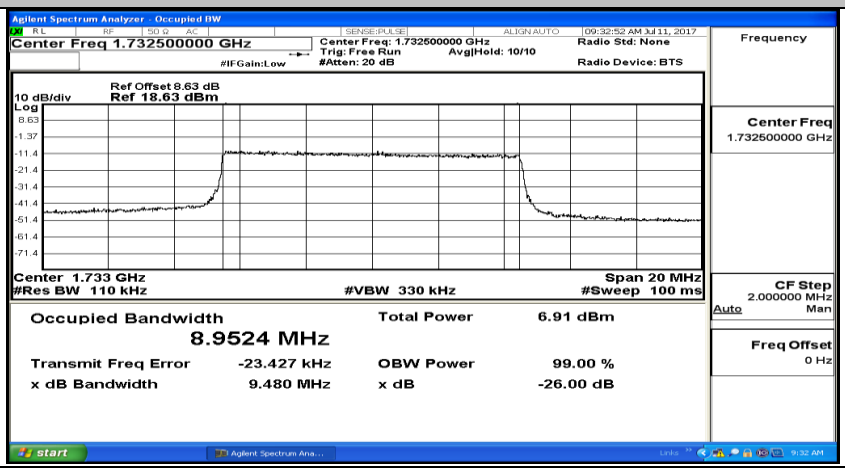
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#12



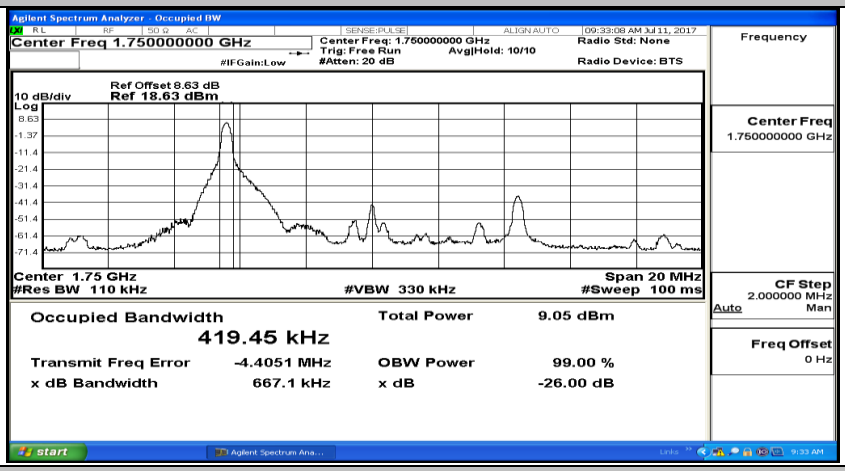
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#25



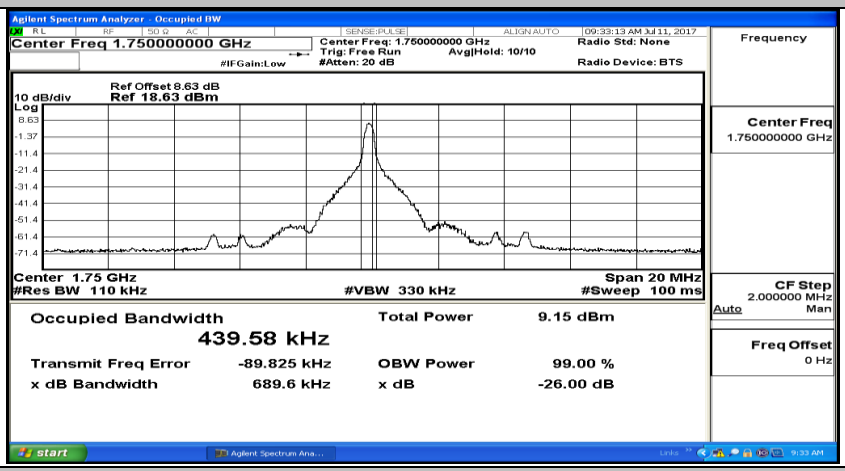
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0



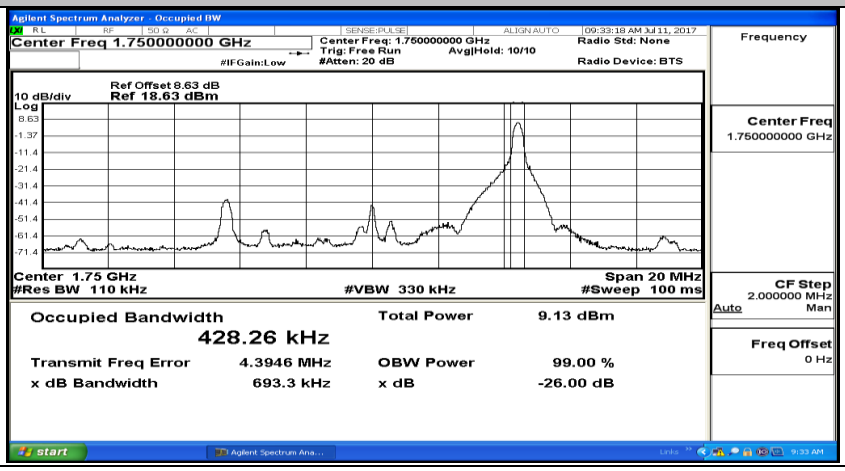
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0



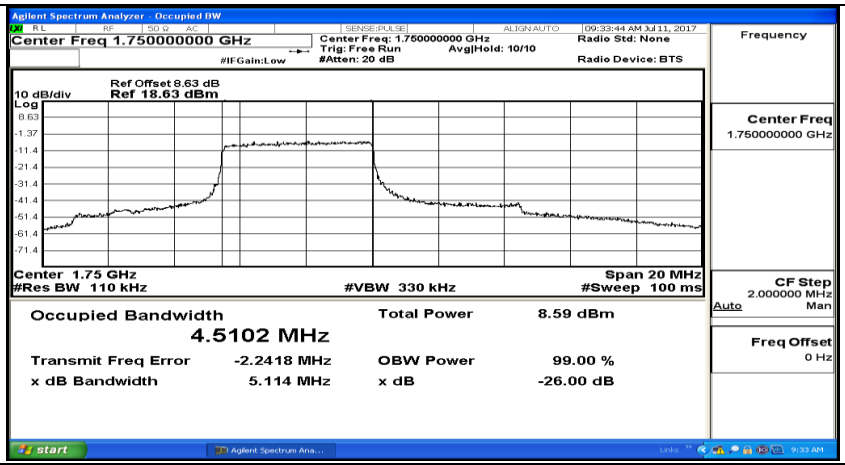
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#25



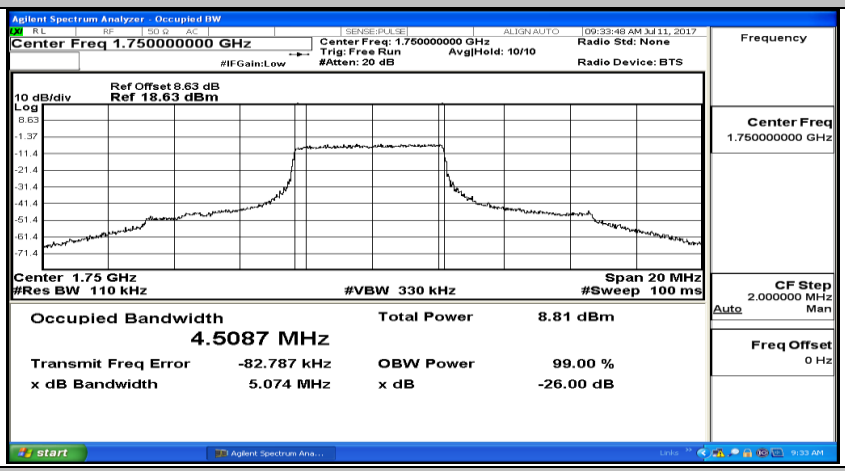
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49



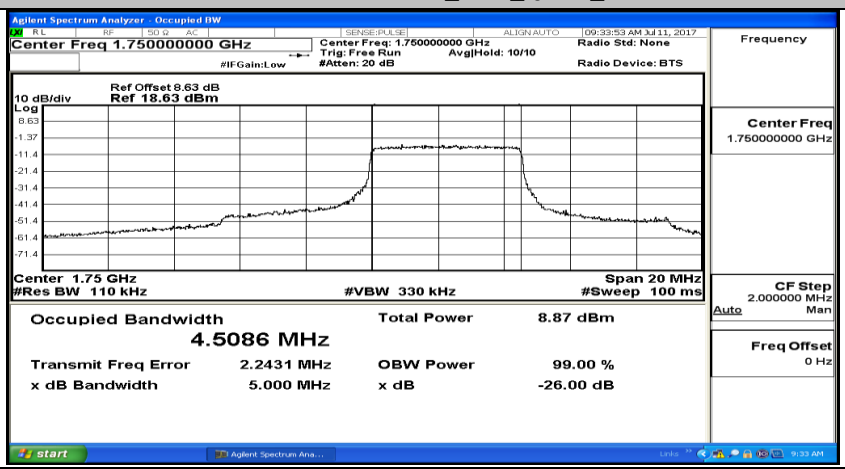
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#0



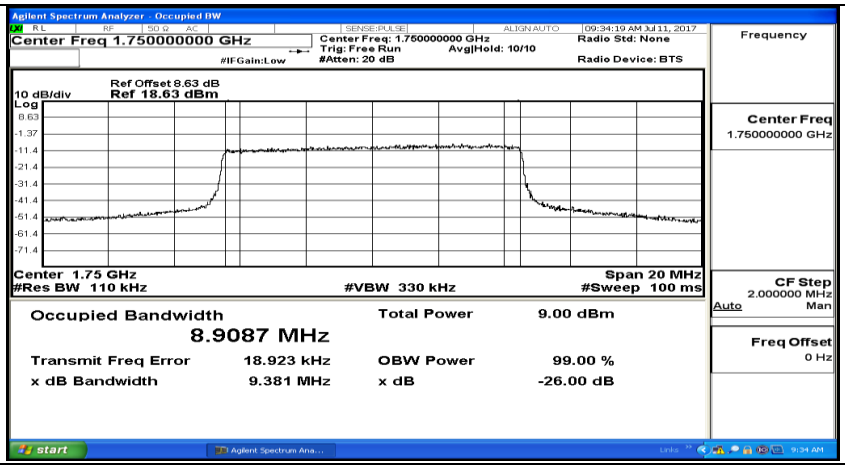
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#12

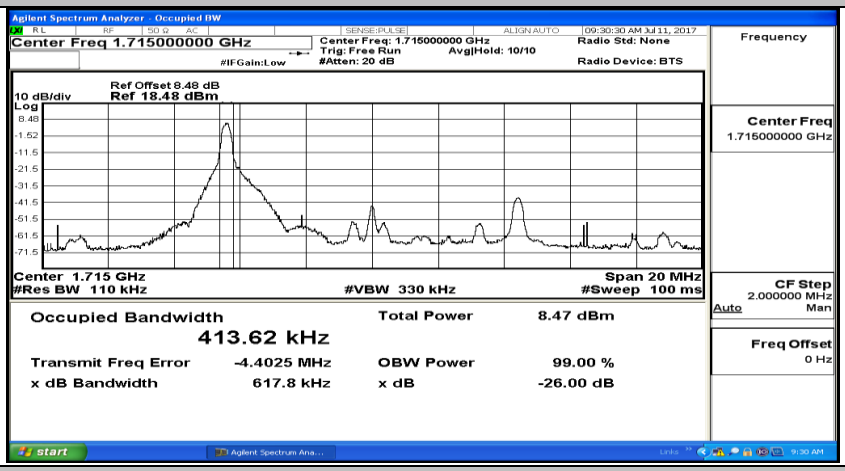


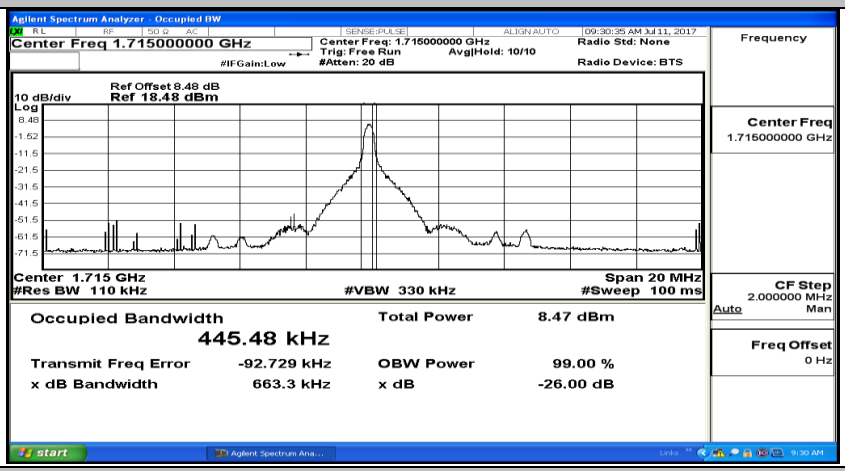
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#25

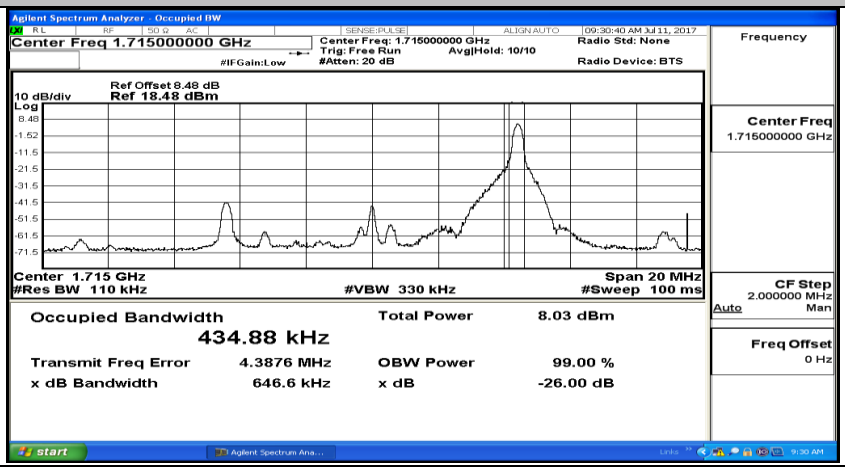


Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0

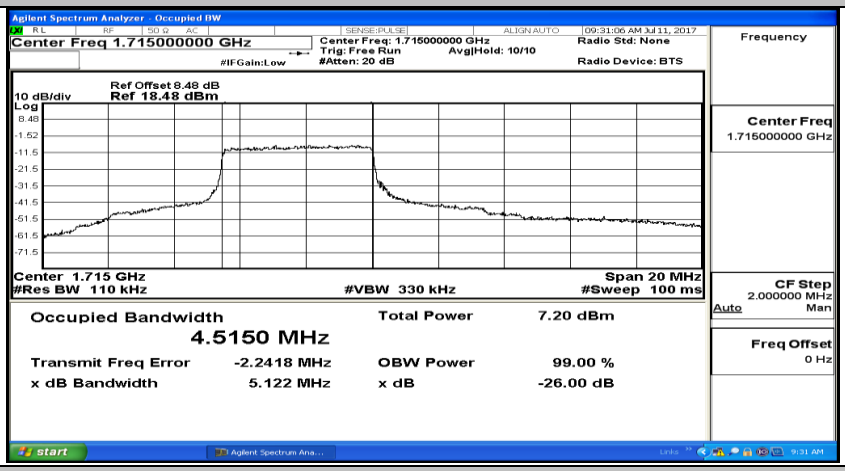

Agilent Spectrum Analyzer - Occupied BW
RL
RF
50 Ω
AC
SENSE:PULSE
ALIGN AUTO
09:34:19 AM Jul 11, 2017
Center Freq 1.750000000 GHz
#IFGain:Low
Center Freq: 1.750000000 GHz
Trig: Free Run
Avg|Hold: 10/10
#Atten: 20 dB
Radio Std: None
Radio Device: BTS
Frequency
Ref Offset 8.63 dB
10 dB/div
Ref 18.63 dBm
Log
8.63
-1.37
-11.4
-21.4
-31.4
-41.4
-51.4
-61.4
-71.4
Center 1.75 GHz
#Res BW 110 kHz
#VBW 330 kHz
Span 20 MHz
#Sweep 100 ms
Occupied Bandwidth
8.9087 MHz
Total Power 9.00 dBm
Transmit Freq Error 18.923 kHz
OBW Power 99.00 %
x dB Bandwidth 9.381 MHz
x dB -26.00 dB
Center Freq
1.750000000 GHz
CF Step
2.000000 MHz
Auto
Man
Freq Offset
0 Hz
start
Agilent Spectrum Ana...
Links
9:34 AM

Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0


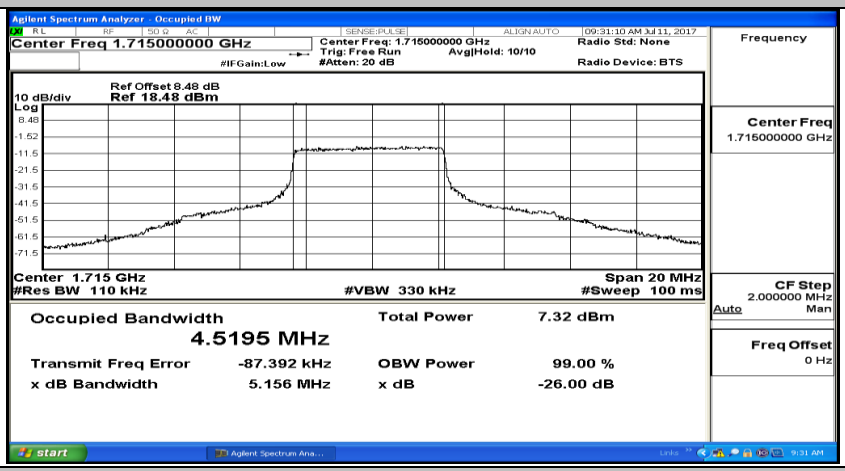
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#25


Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49


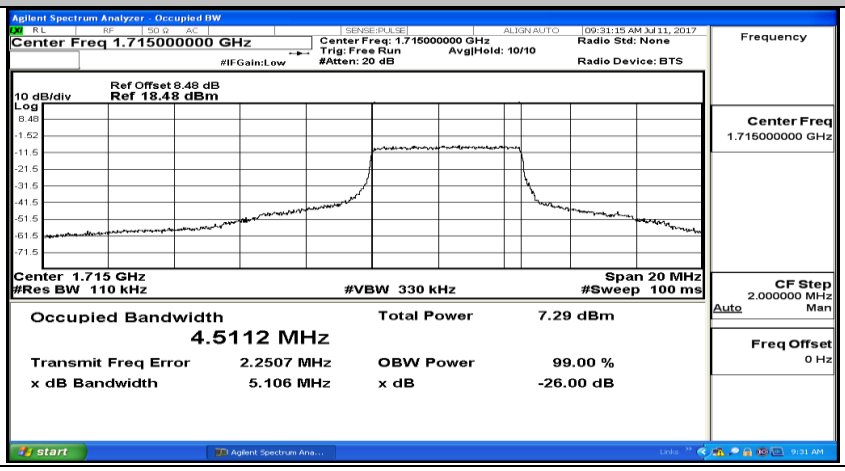
Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#0



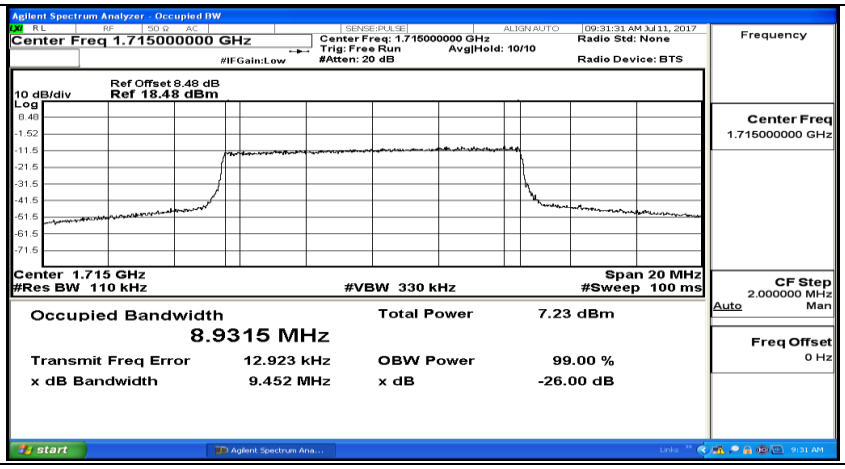
Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#12



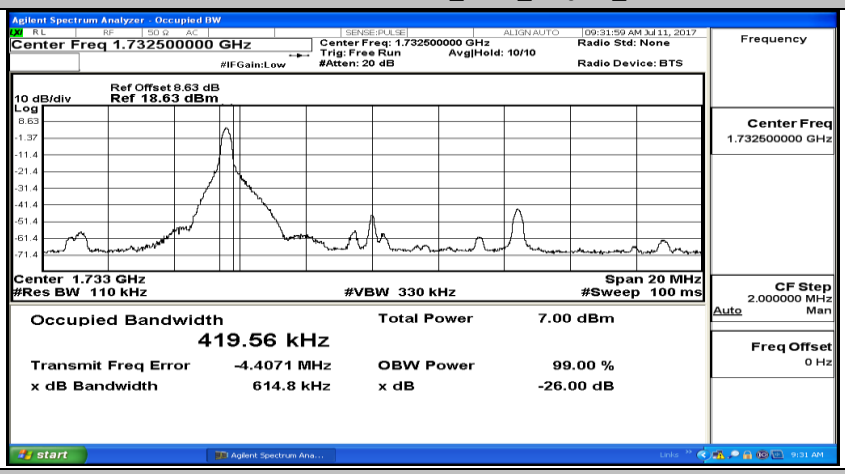
Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#25



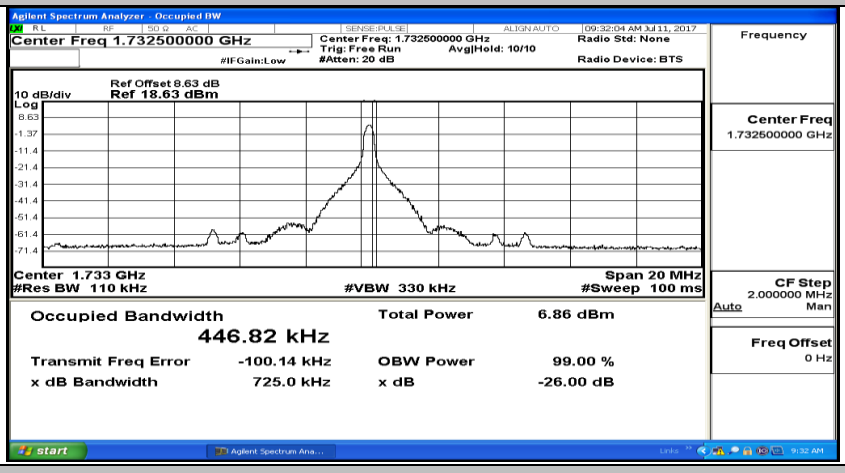
Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0



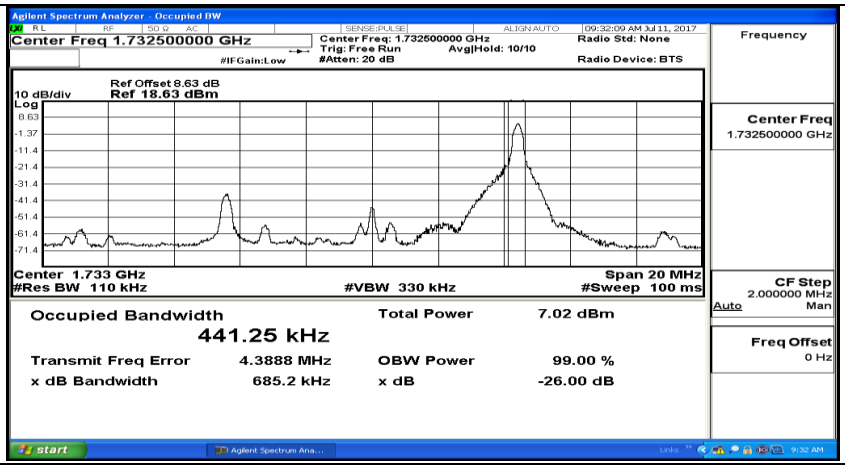
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0



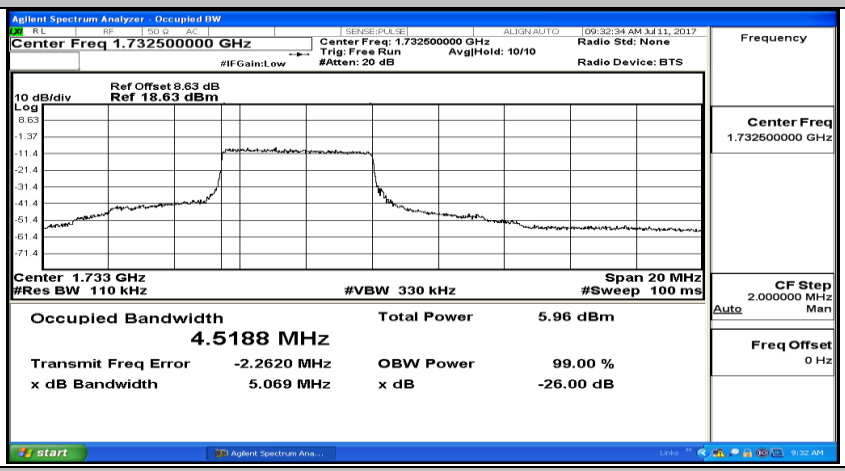
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#25



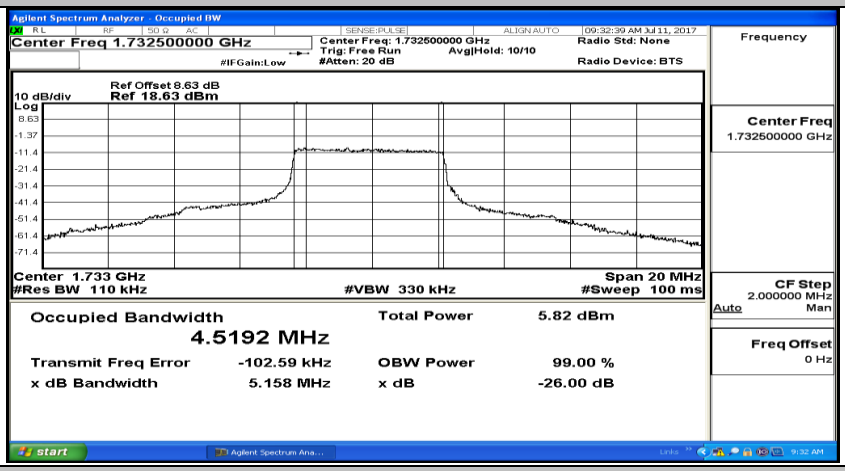
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49



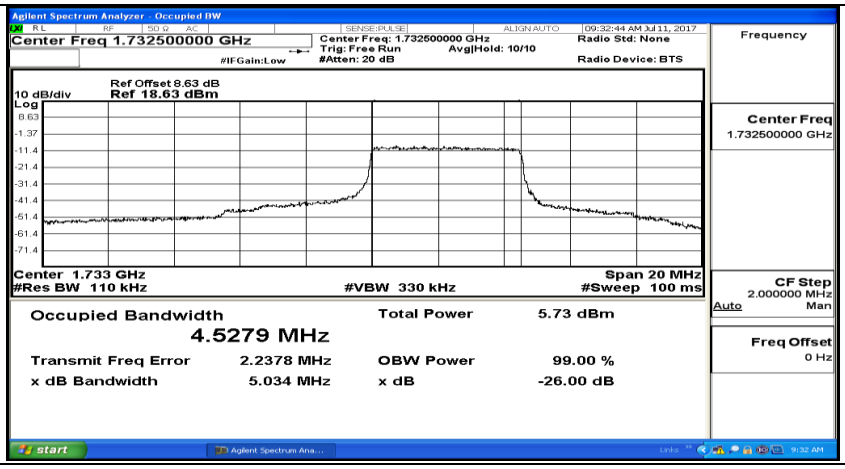
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#



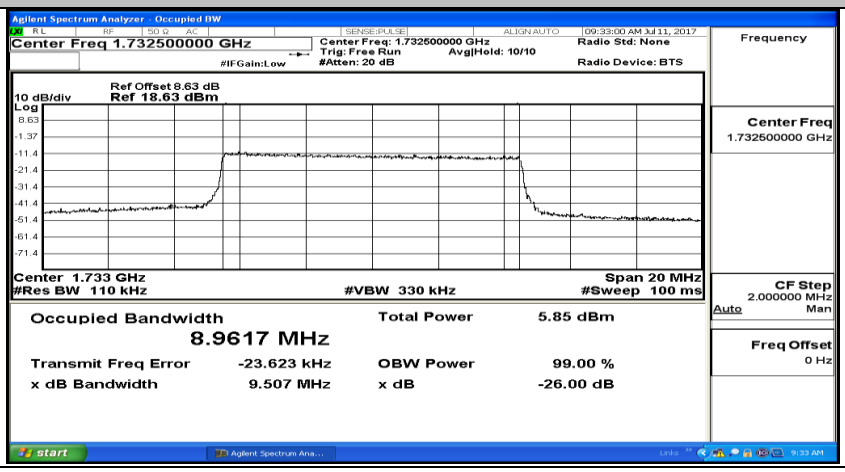
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#12



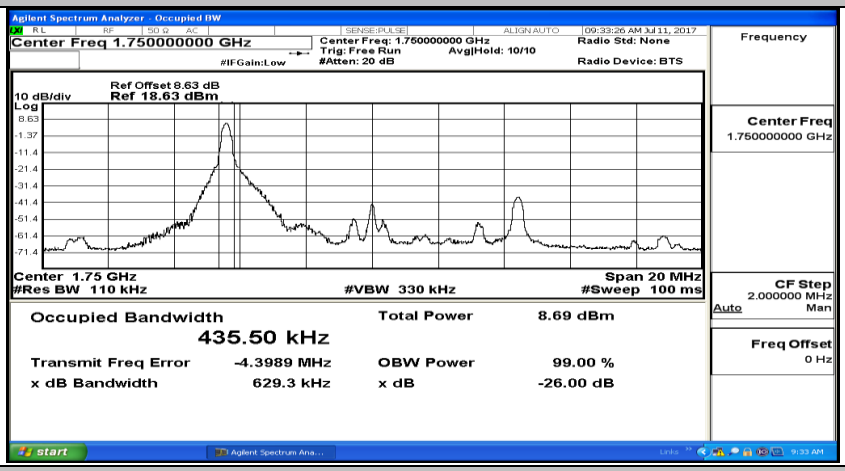
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#25



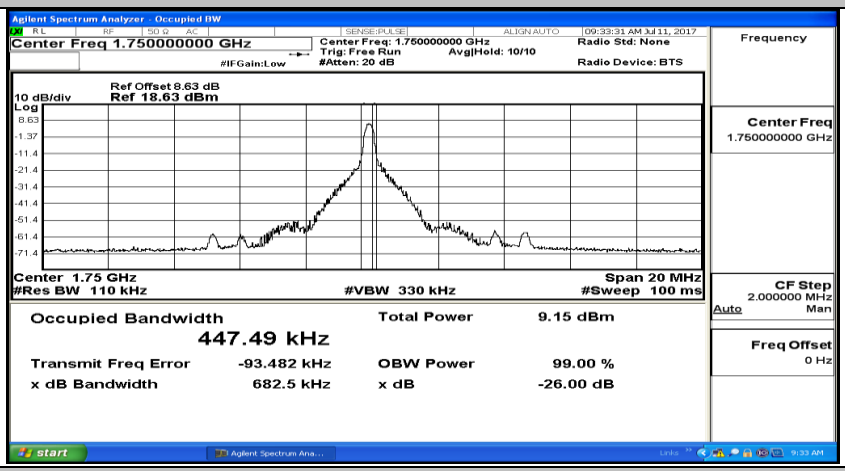
Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0



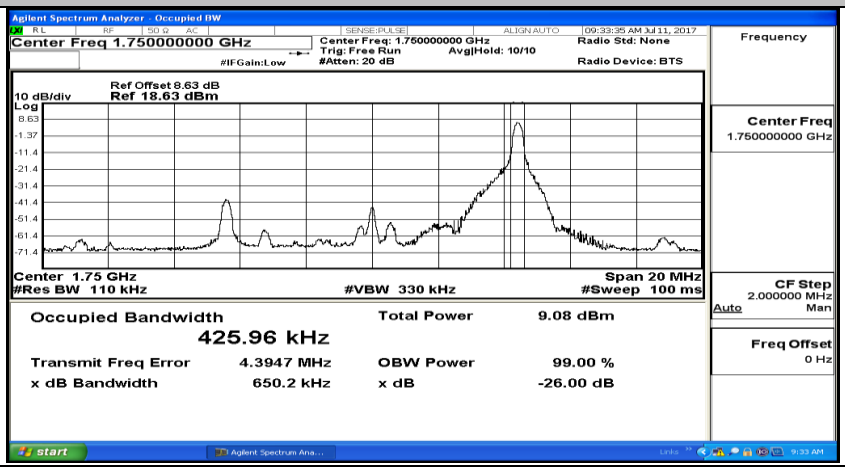
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0



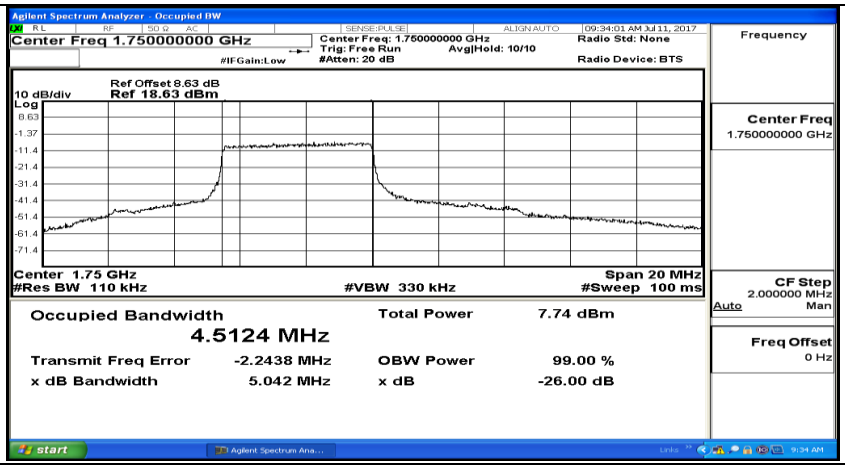
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#25



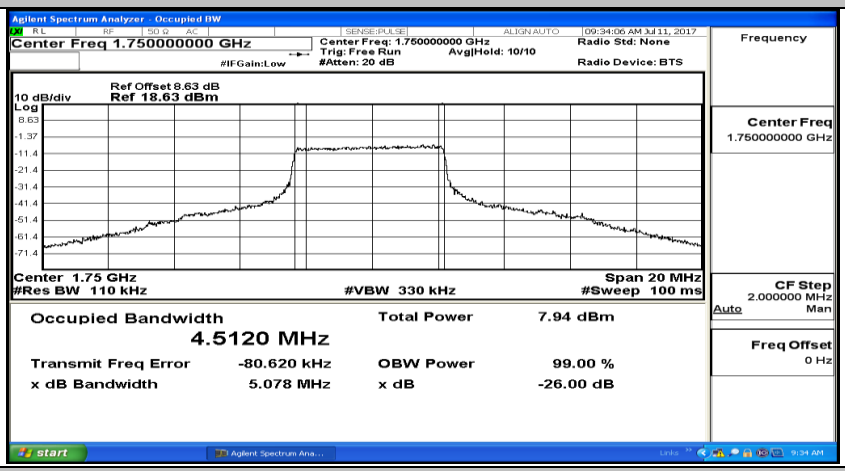
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#49



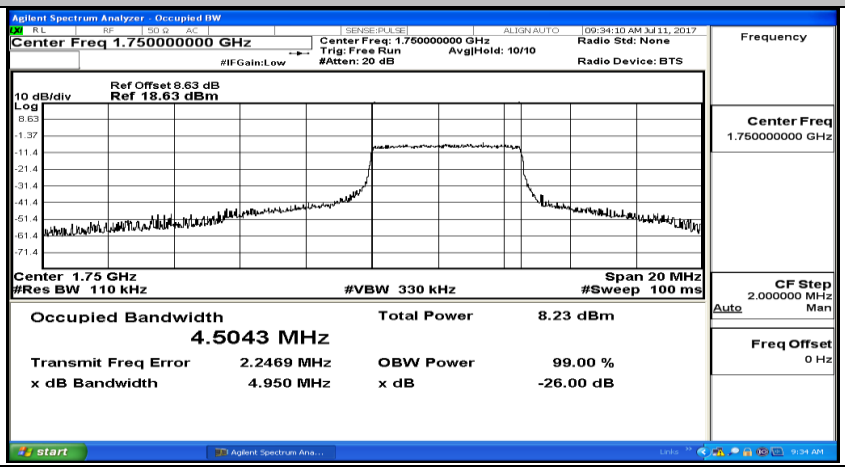
Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#0



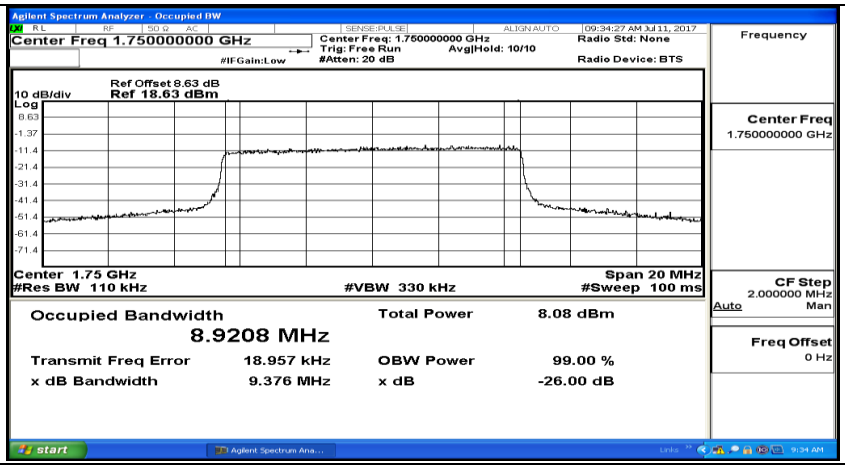
Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#12



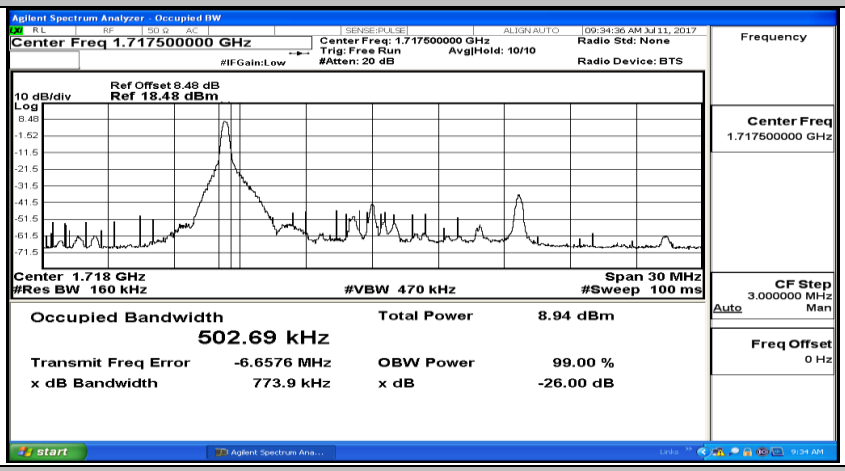
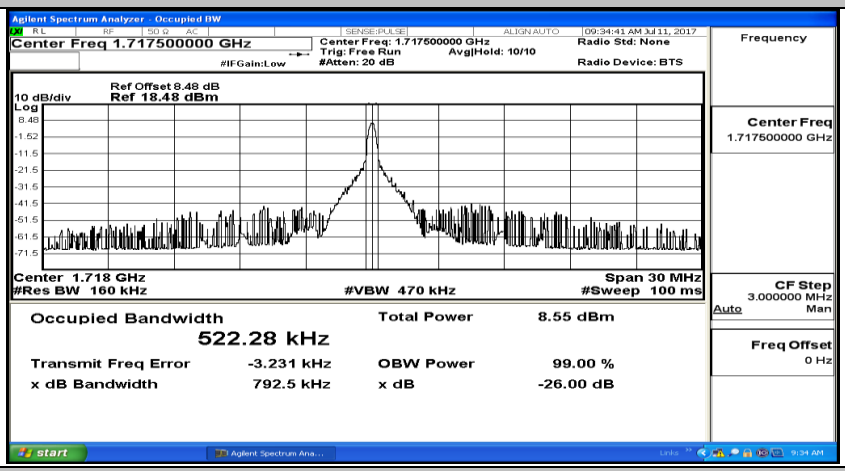
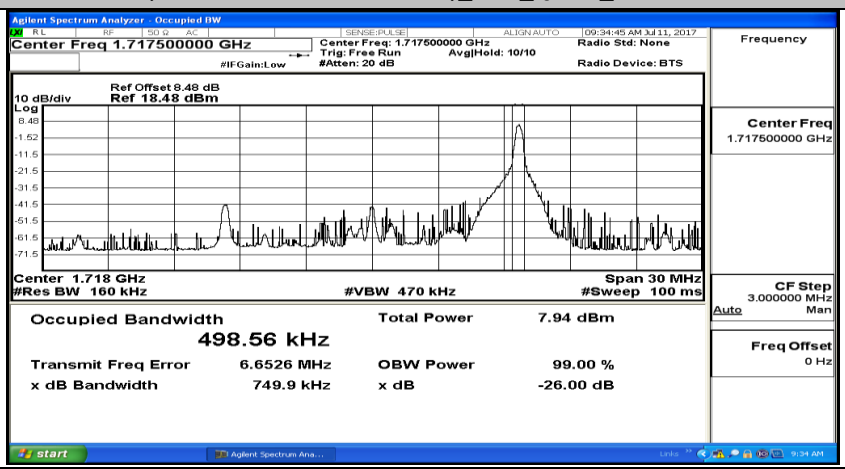
Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#25



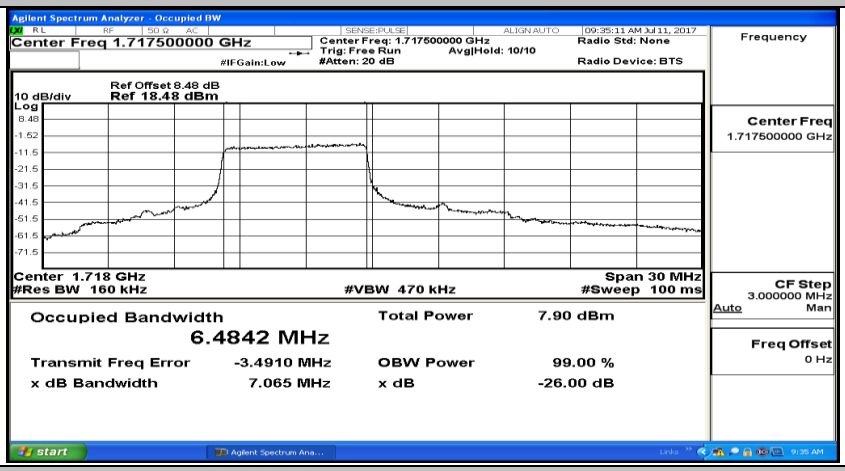
Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0


Agilent Spectrum Analyzer - Occupied BW
RL
RF
50 Ω
AC
SENSE:PULSE
ALIGN AUTO
09:34:27 AM Jul 11, 2017
Center Freq 1.750000000 GHz
#IFGain:Low
Center Freq: 1.750000000 GHz
Trig: Free Run
Avg|Hold: 10/10
#Atten: 20 dB
Radio Std: None
Radio Device: BTS
Frequency
Ref Offset 8.63 dB
10 dB/div
Ref 18.63 dBm
Log
8.63
-1.37
-11.4
-21.4
-31.4
-41.4
-51.4
-61.4
-71.4
Center 1.75 GHz
#Res BW 110 kHz
#VBW 330 kHz
Span 20 MHz
#Sweep 100 ms
Occupied Bandwidth
8.9208 MHz
Total Power
8.08 dBm
Transmit Freq Error
18.957 kHz
OBW Power
99.00 %
x dB Bandwidth
9.376 MHz
x dB
-26.00 dB
Center Freq
1.750000000 GHz
CF Step
2.000000 MHz
Auto
Man
Freq Offset
0 Hz
start
Agilent Spectrum Ana...
Links
9:34 AM

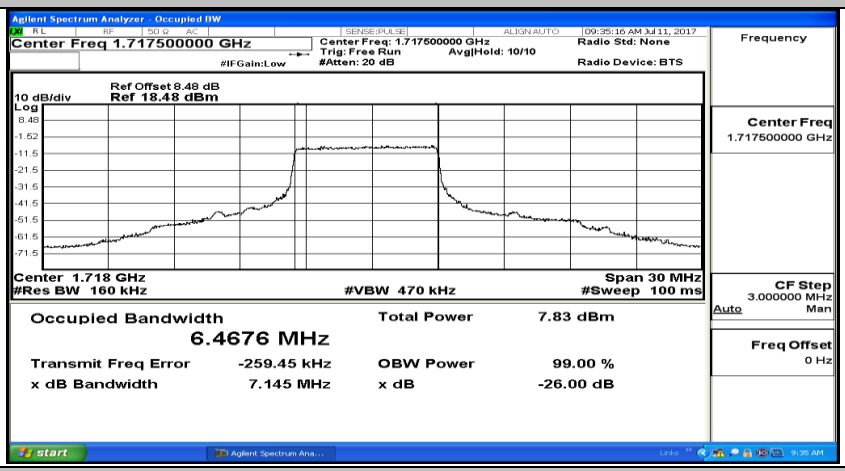
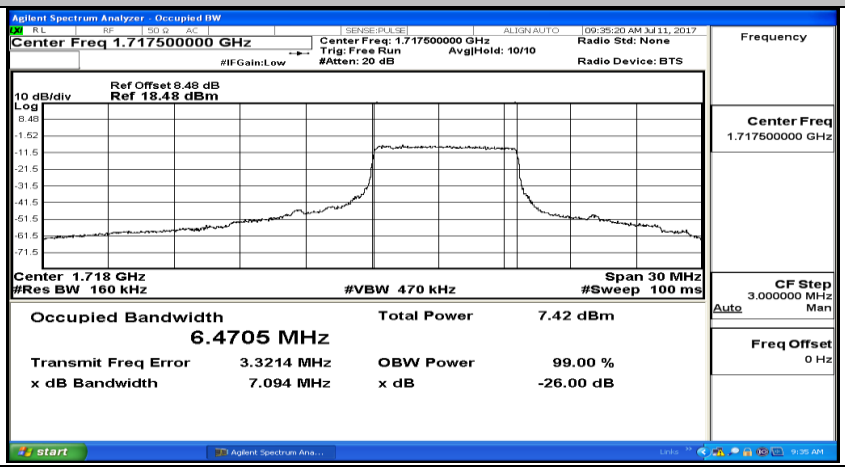
Channel Bandwidth: 15 MHz

(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