Appendix C

Occupied Bandwidth
According to FCC part 2.1049 & Part 27 Subpart C&F
According to IC RSS-Gen,§4.6

TABLE OF CONTENTS

Result Table
NOTE: All relevant operation modes have been tested, and the full RB data is included in this report.

Table 1 Measurement Results (LTE) BAND 13

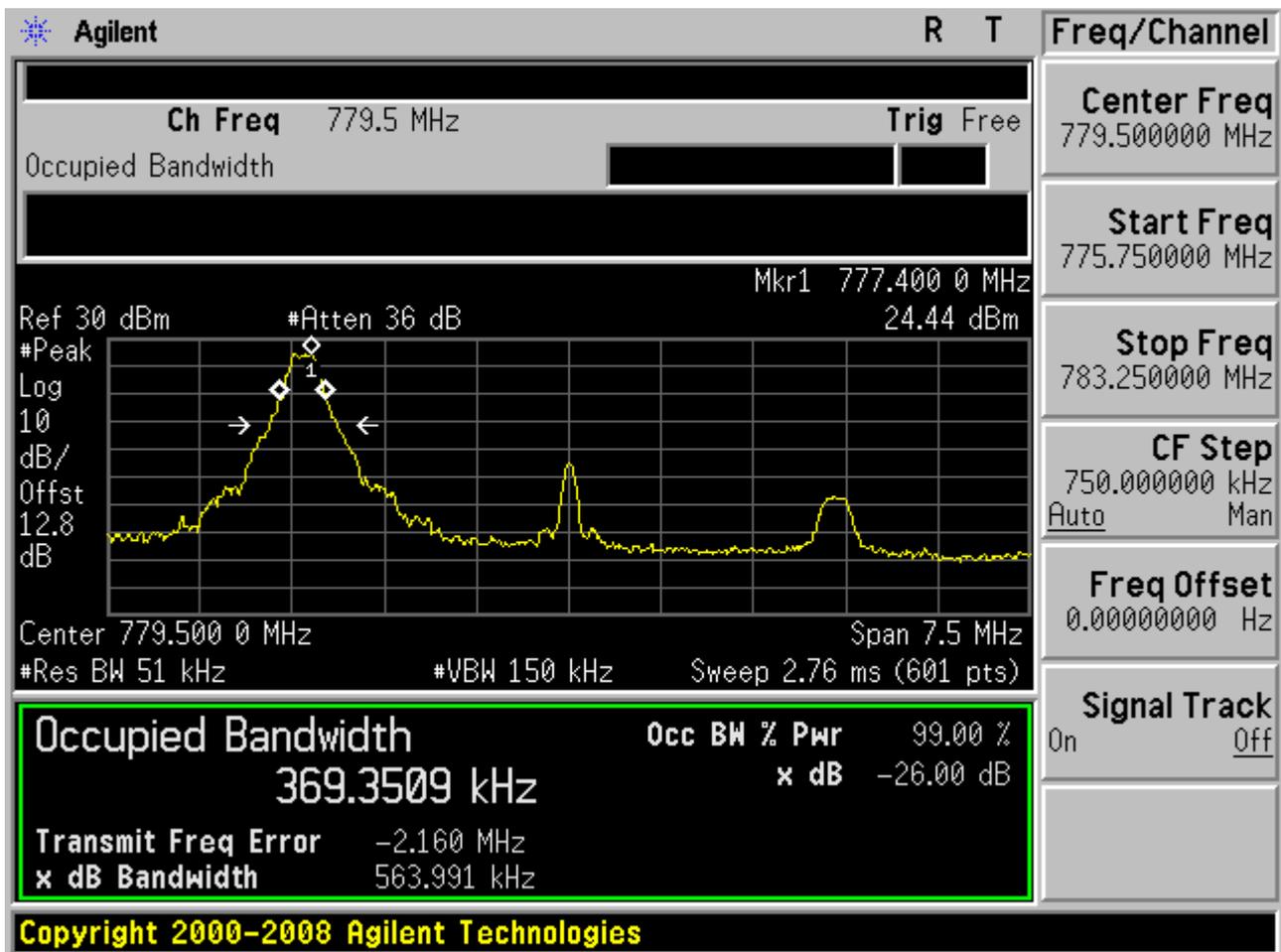| Test Mode	Carrier Conf.	RF Ch.	Occupied Bandwidth [MHz]	Verdict
TM1	5 MHz	B	4.4787	Pass
		M	4.4625	Pass
		T	4.4664	Pass
	10 MHz	B	8.9493	Pass
		M	8.9493	Pass
		T	8.9493	Pass
TM2	5 MHz	B	4.4777	Pass
		M	4.4772	Pass
		T	4.4607	Pass
	10 MHz	B	8.9385	Pass
		M	8.9385	Pass
		T	8.9385	Pass

1   For Band 13

1.1   Test Mode=TM1

1.1.1   Channel Bandwidth = 5 MHz

1.1.1.1   Channel = B

1.1.1.1.1 QPSK/1RB # 0

1.1.1.1.2 QPSK/1RB # max


```
Agilent                                          R  T     Freq/Channel

         Ch Freq    779.5 MHz              Trig Free        Center Freq
Occupied Bandwidth                                         779.500000 MHz

                                                            Start Freq
                                    Mkr1  781.650 0 MHz     775.750000 MHz
Ref 30 dBm      #Atten 36 dB             23.66 dBm
#Peak                                                       Stop Freq
Log                                                         783.250000 MHz
10
dB/                                                         CF Step
Offst                                                       750.000000 kHz
12.8                                                        Auto      Man
dB
                                                            Freq Offset
Center 779.500 0 MHz              Span 7.5 MHz              0.00000000  Hz
#Res BW 51 kHz    #VBW 150 kHz    Sweep 2.76 ms (601 pts)
                                                            Signal Track
Occupied Bandwidth       Occ BW % Pwr    99.00 %           On        Off
      379.5246 kHz           x dB    -26.00 dB

Transmit Freq Error    2.158 MHz
x dB Bandwidth         586.010 kHz

File Operation Status, C:PICTURE.GIF file saved
```

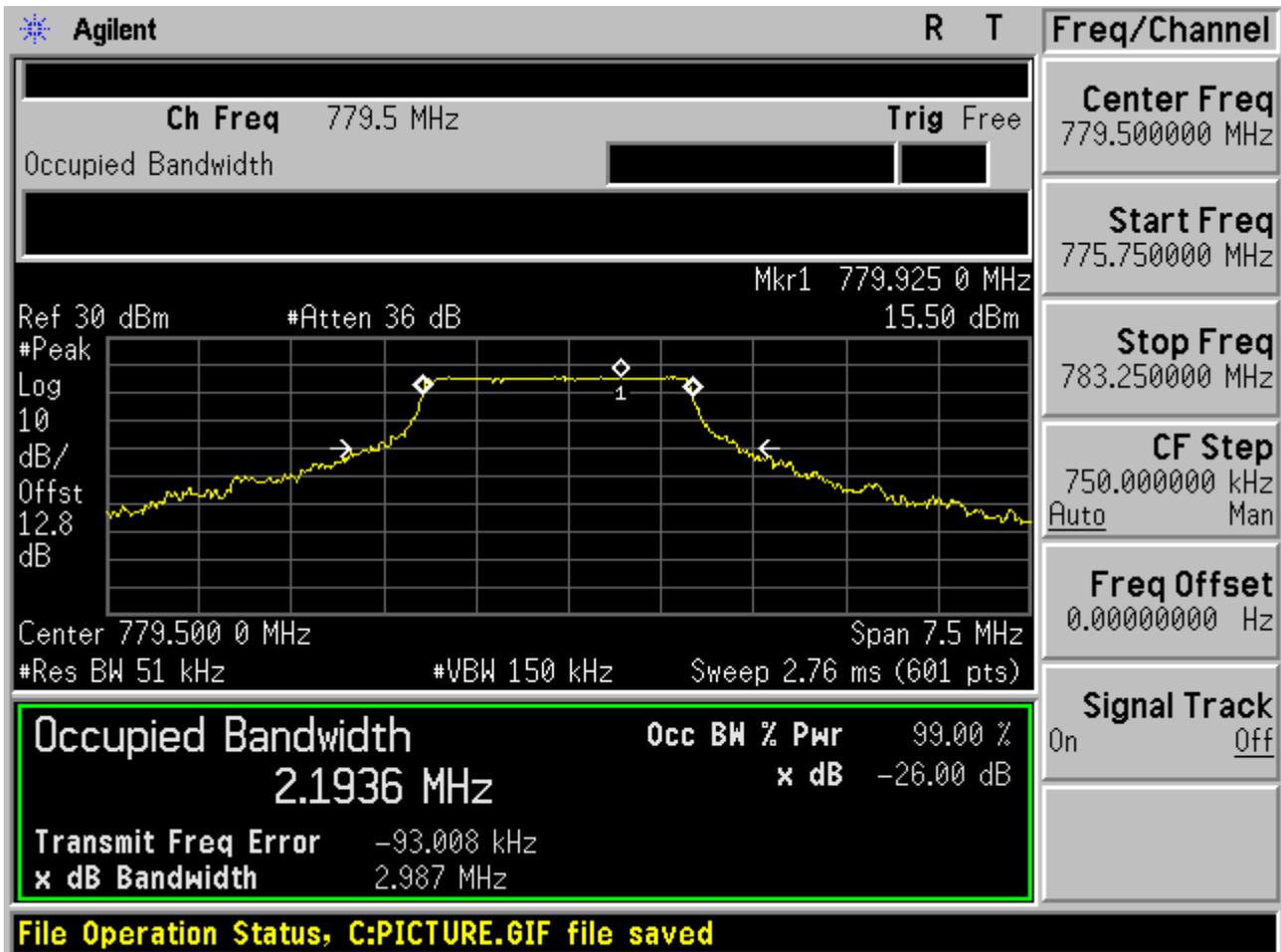## 1.1.1.1.3 QPSK/non-1RB #mid/2

1.1.1.1.4 QPSK/full RBs

Agilent   R   T

Ch Freq   779.5 MHz   Trig Free
Occupied Bandwidth

Mkr1   777.375 0 MHz
Ref 30 dBm   #Atten 36 dB   13.22 dBm
#Peak
Log
10
dB/
Offst
12.8
dB

Center 779.500 0 MHz   Span 7.5 MHz
#Res BW 51 kHz   #VBW 150 kHz   Sweep 2.76 ms (601 pts)

Occupied Bandwidth   Occ BW % Pwr   99.00 %
        4.4787 MHz   x dB   -26.00 dB

Transmit Freq Error   -5.419 kHz
x dB Bandwidth   4.967 MHz

File Operation Status, C:PICTURE.GIF file saved

Freq/Channel

Center Freq
779.500000 MHz

Start Freq
775.750000 MHz

Stop Freq
783.250000 MHz

CF Step
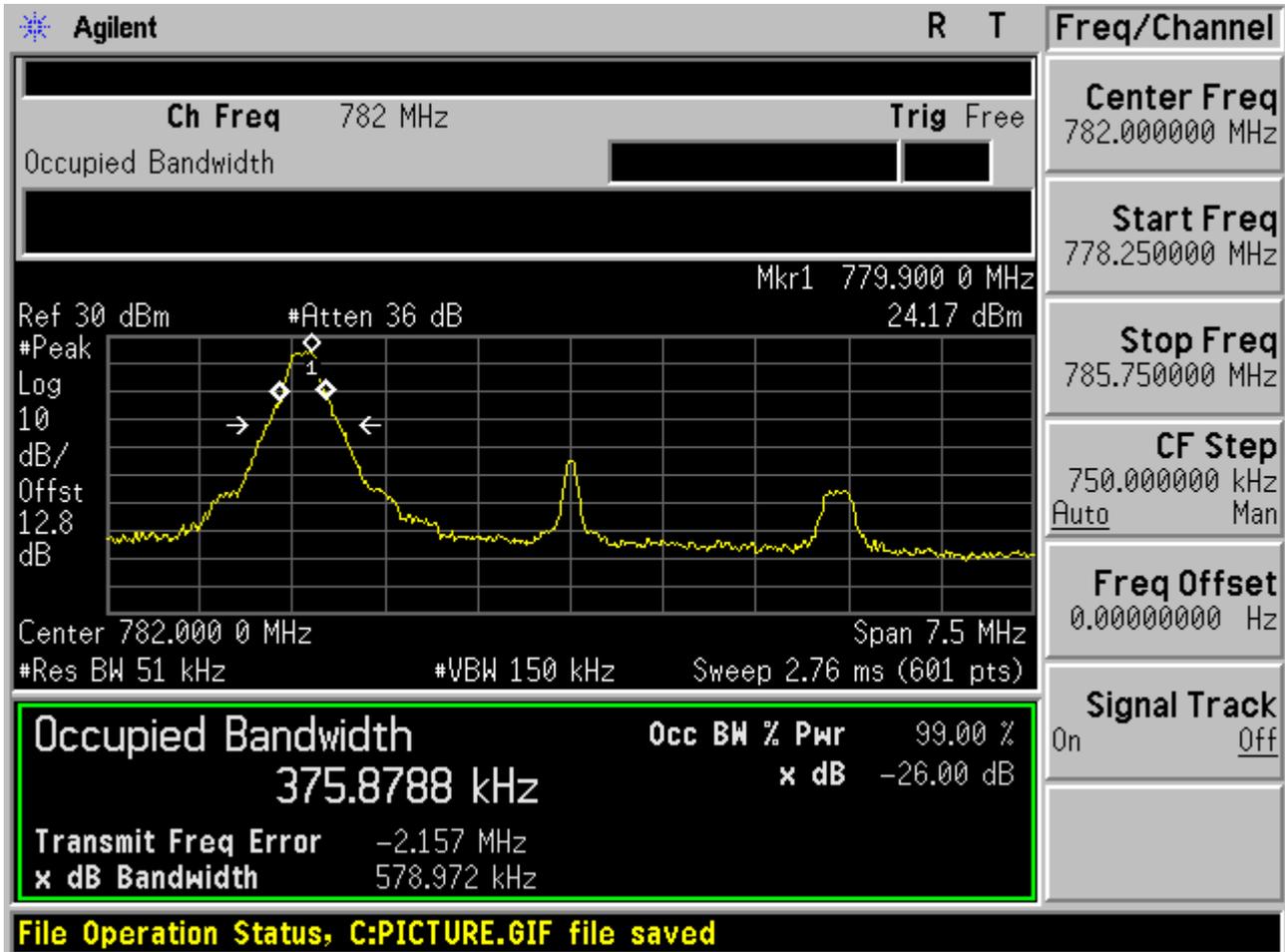750.000000 kHz
Auto   Man

Freq Offset
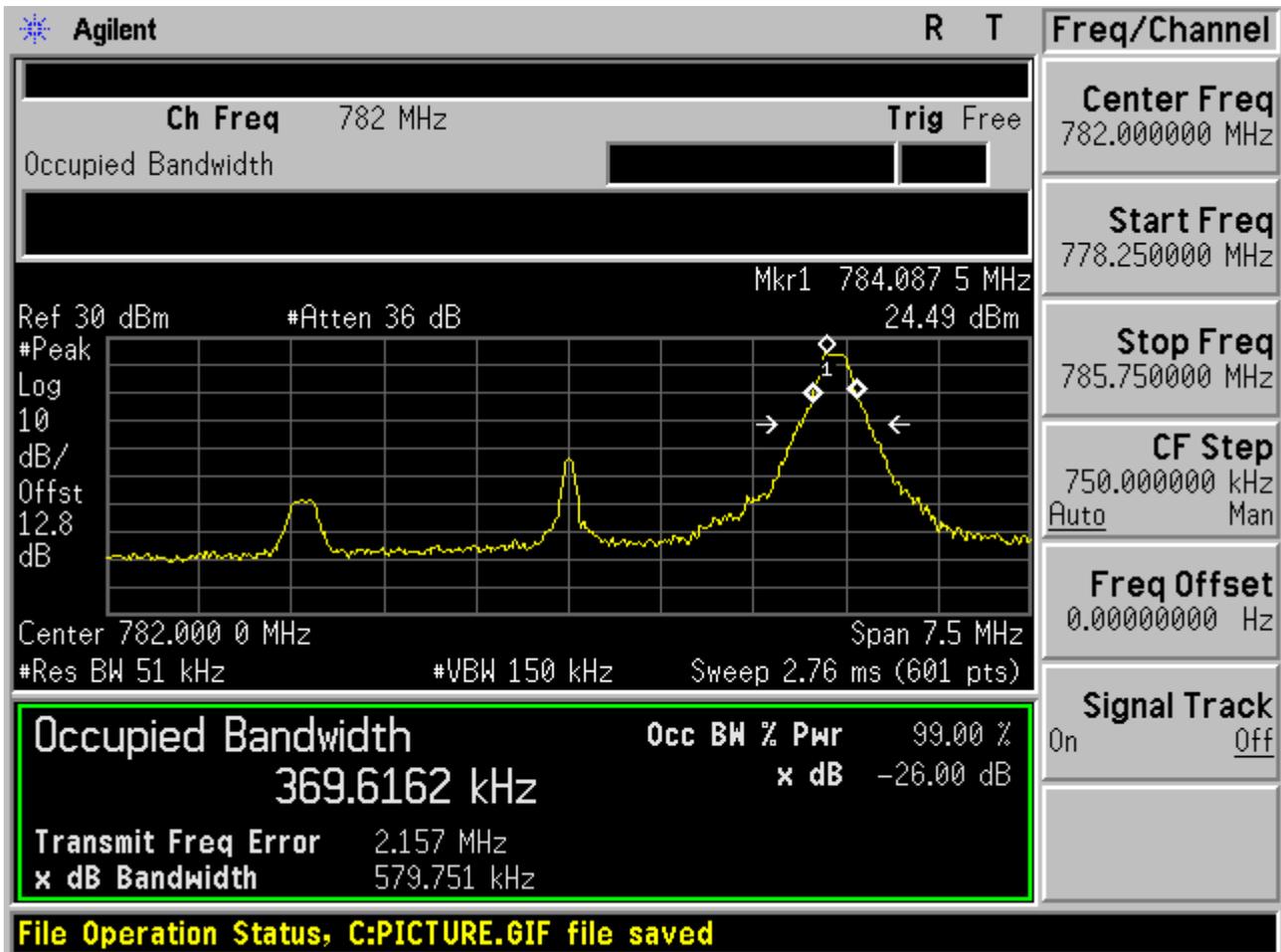0.00000000 Hz

Signal Track
On   Off

1.1.1.2 Channel =M

1.1.1.2.1 QPSK/1RB # 0

Report No:
SYBH(Z-RF)016112013-2002

Confidential Information of Huawei.
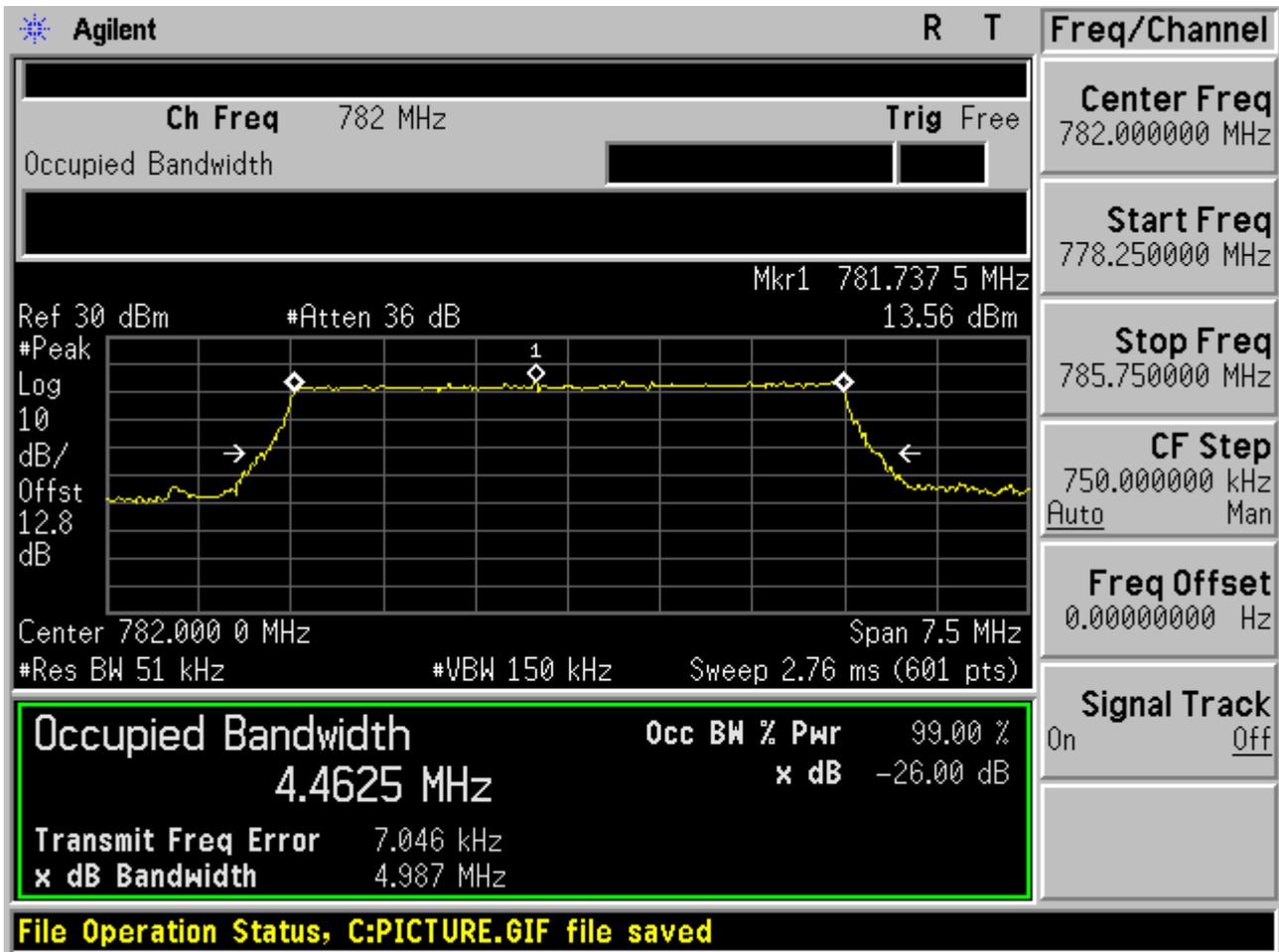No Distribution without Written Permission

Page8, Total35
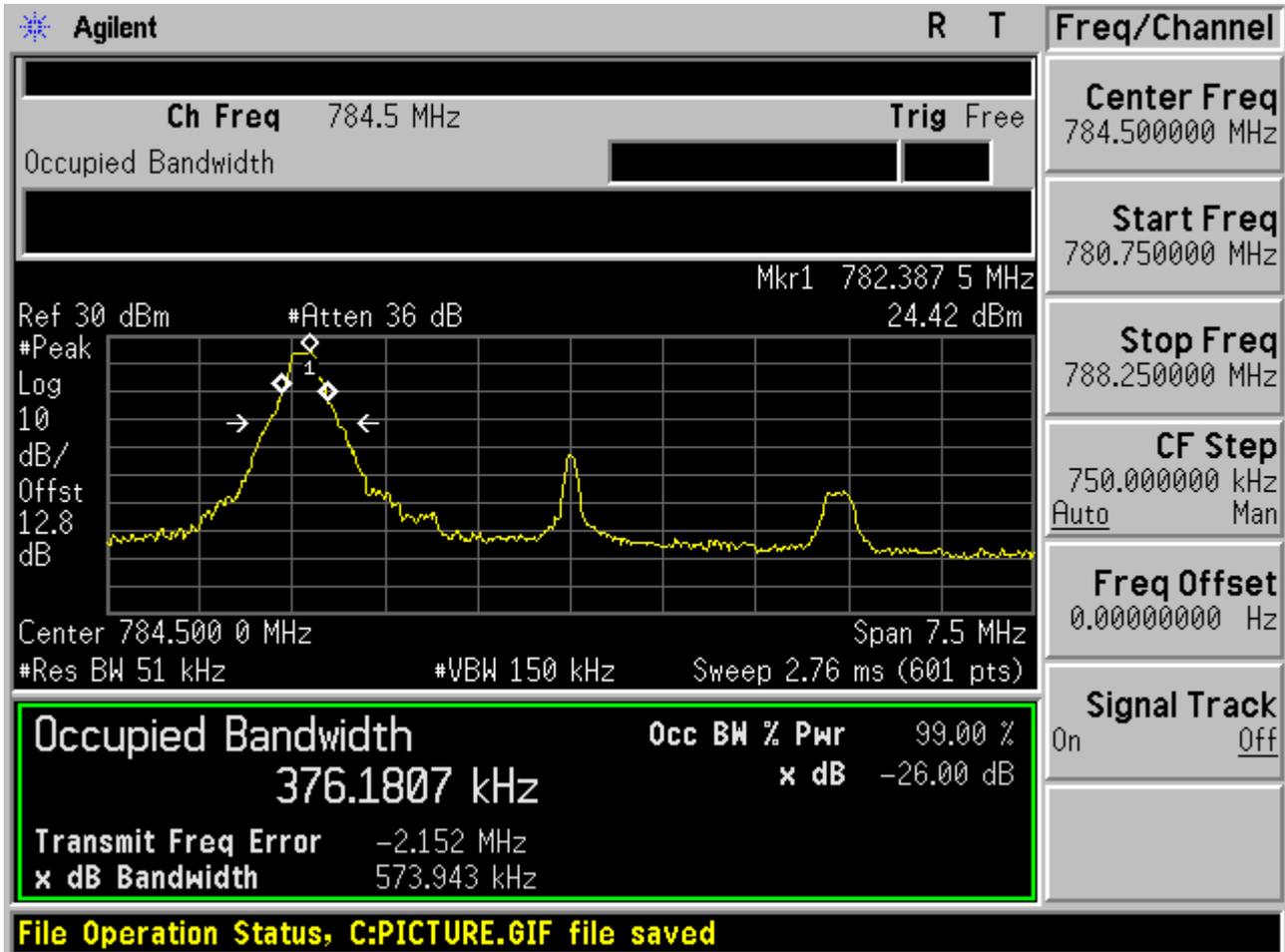
1.1.1.2.2 QPSK/1RB # max

1.1.1.2.3 QPSK/non-1RB #mid/2
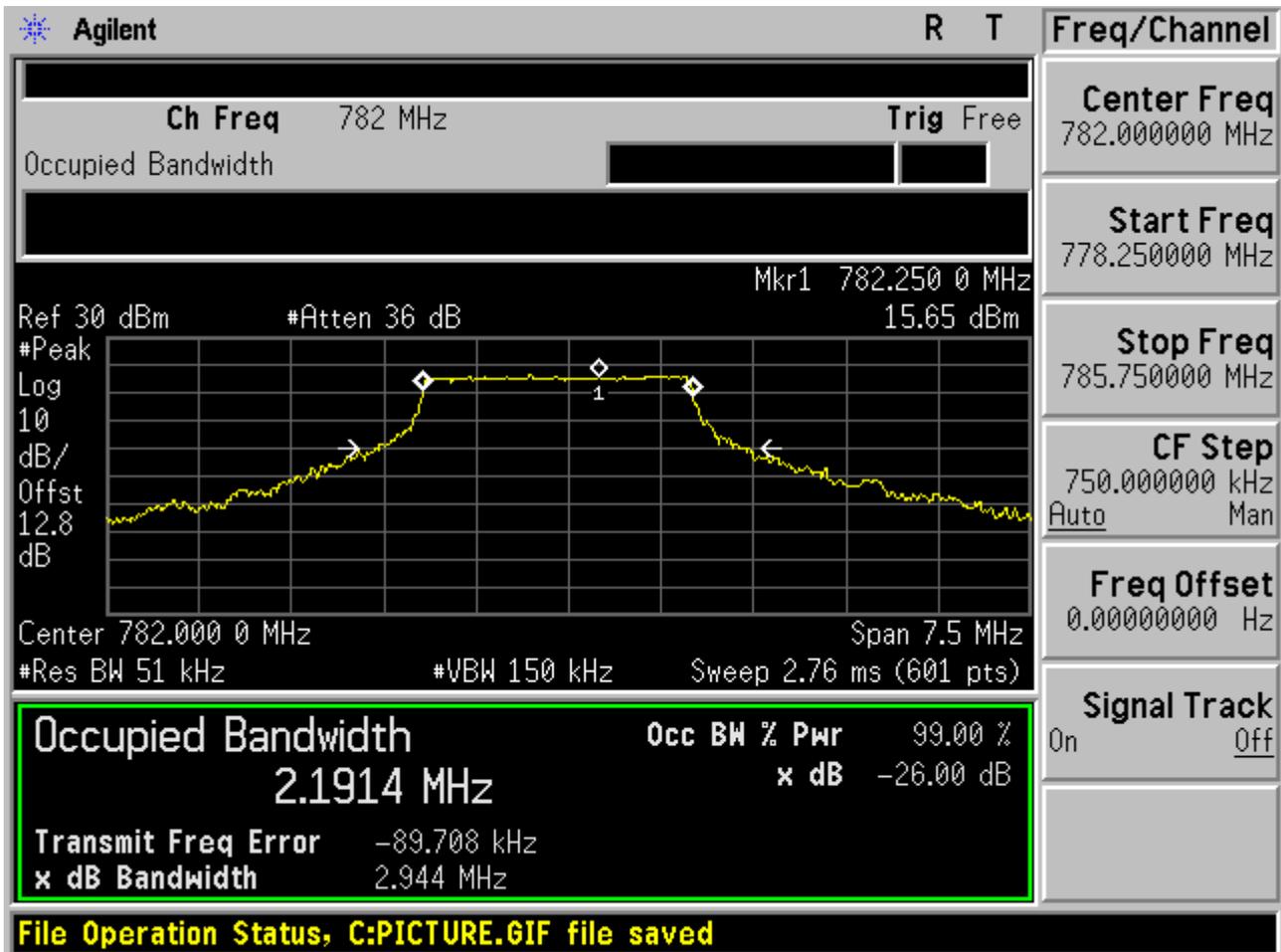
1.1.1.2.4 QPSK/full RBs

1.1.1.3 Channel =T

1.1.1.3.1 QPSK/1RB # 0

Report No:
SYBH(Z-RF)016112013-2002

Confidential Information of Huawei.
No Distribution without Written Permission

Page12, Total35
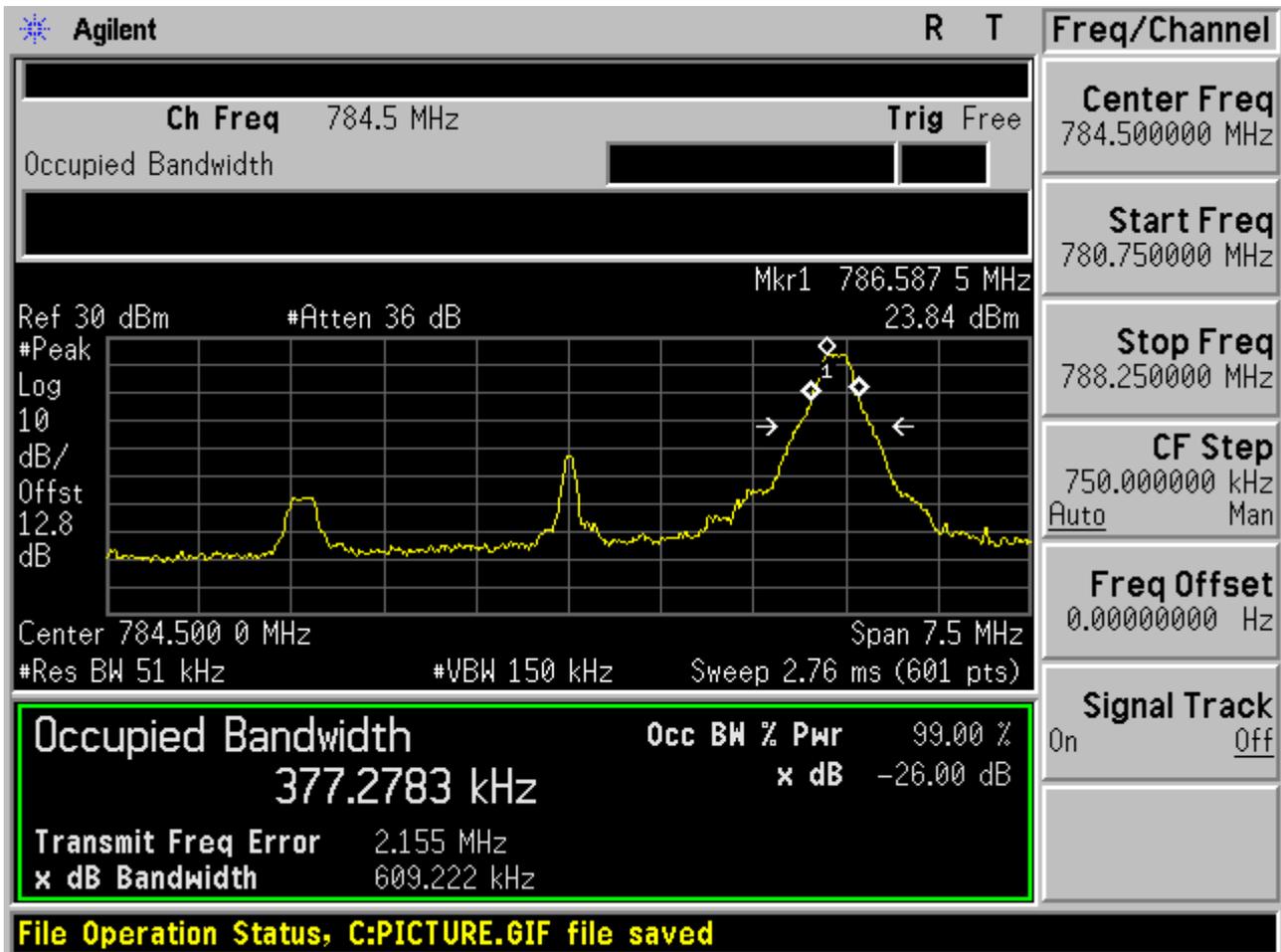
1.1.1.3.2 QPSK/1RB # max

1.1.1.3.3 QPSK/non-1RB #mid/2
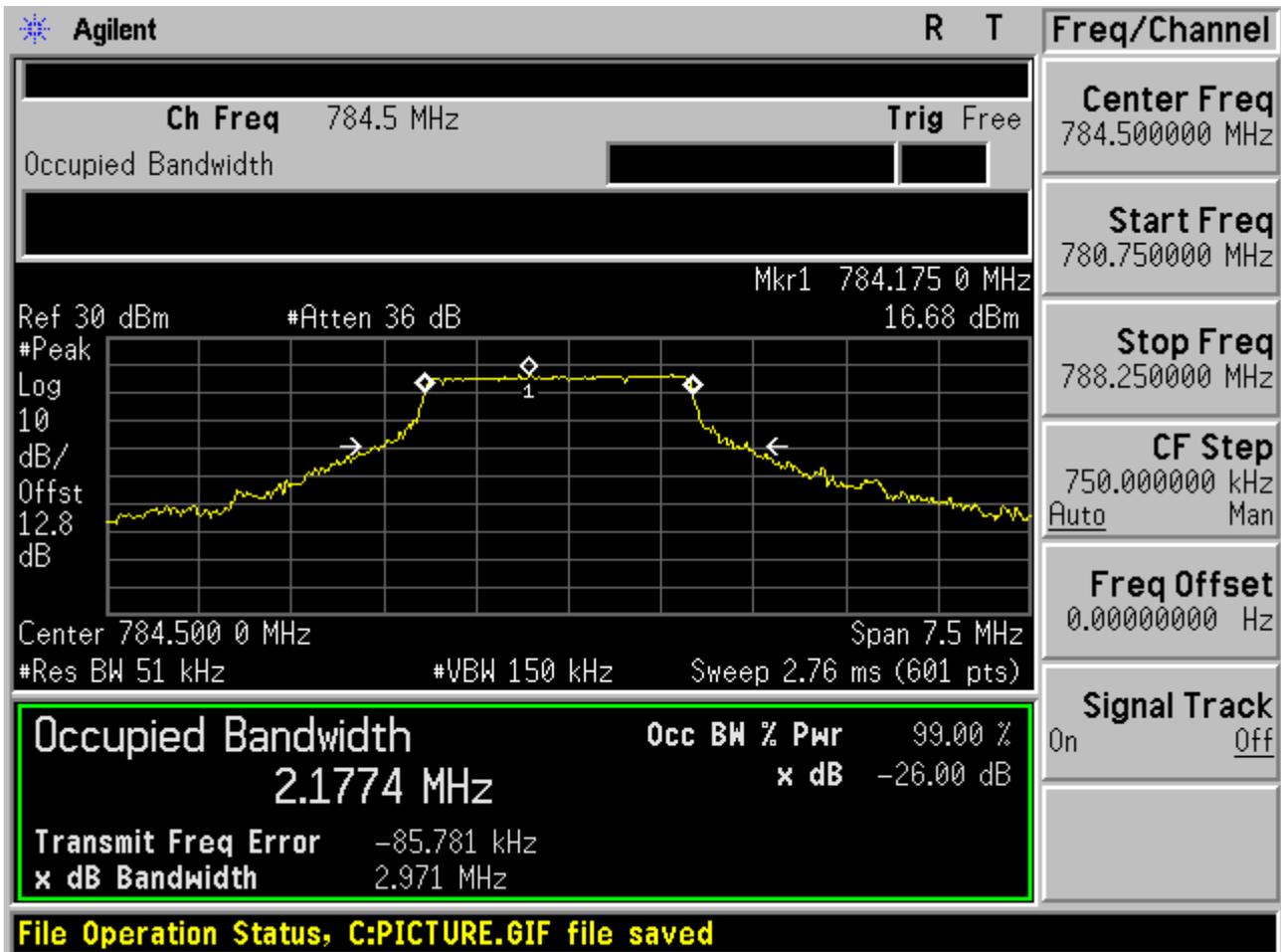
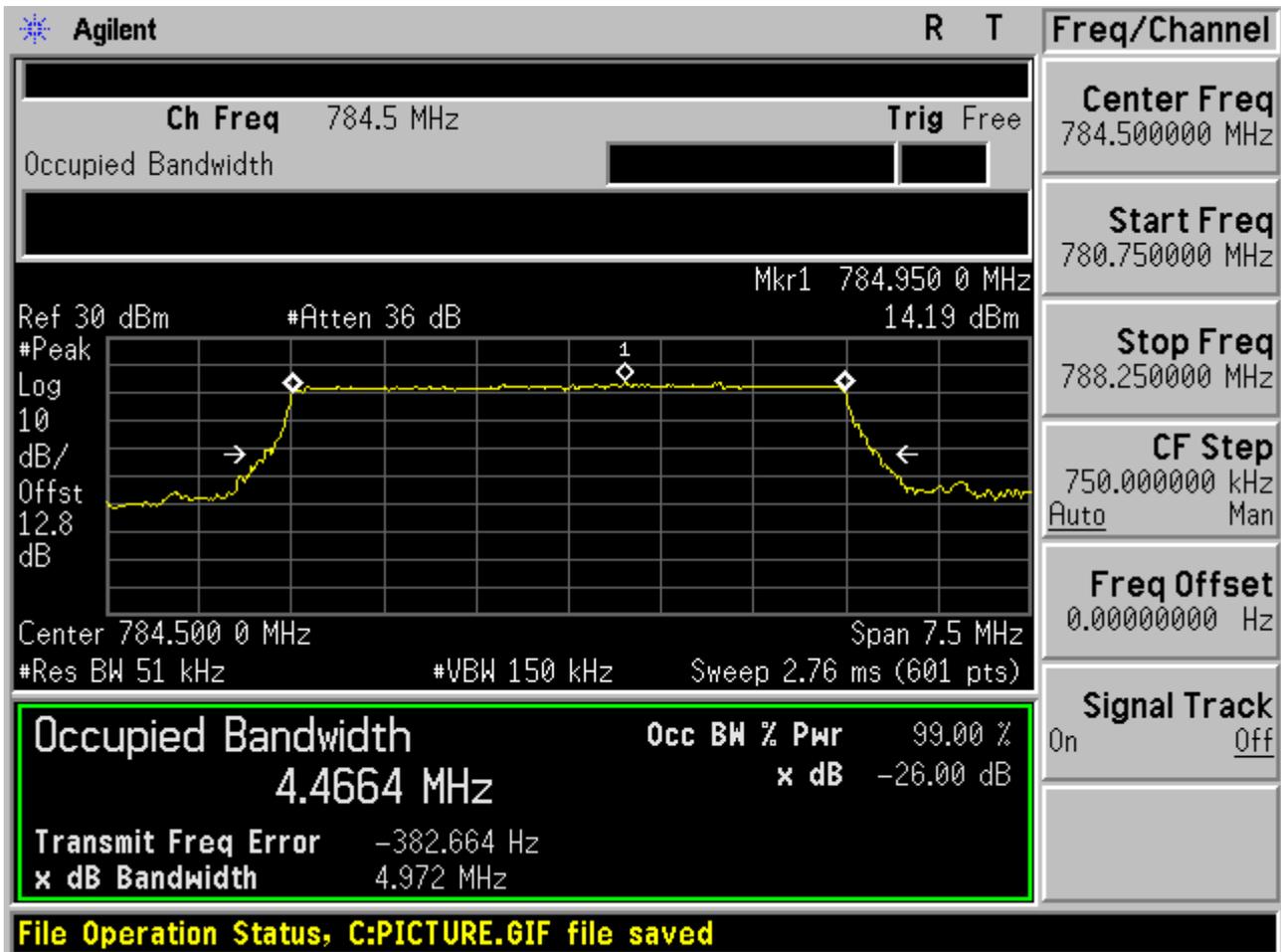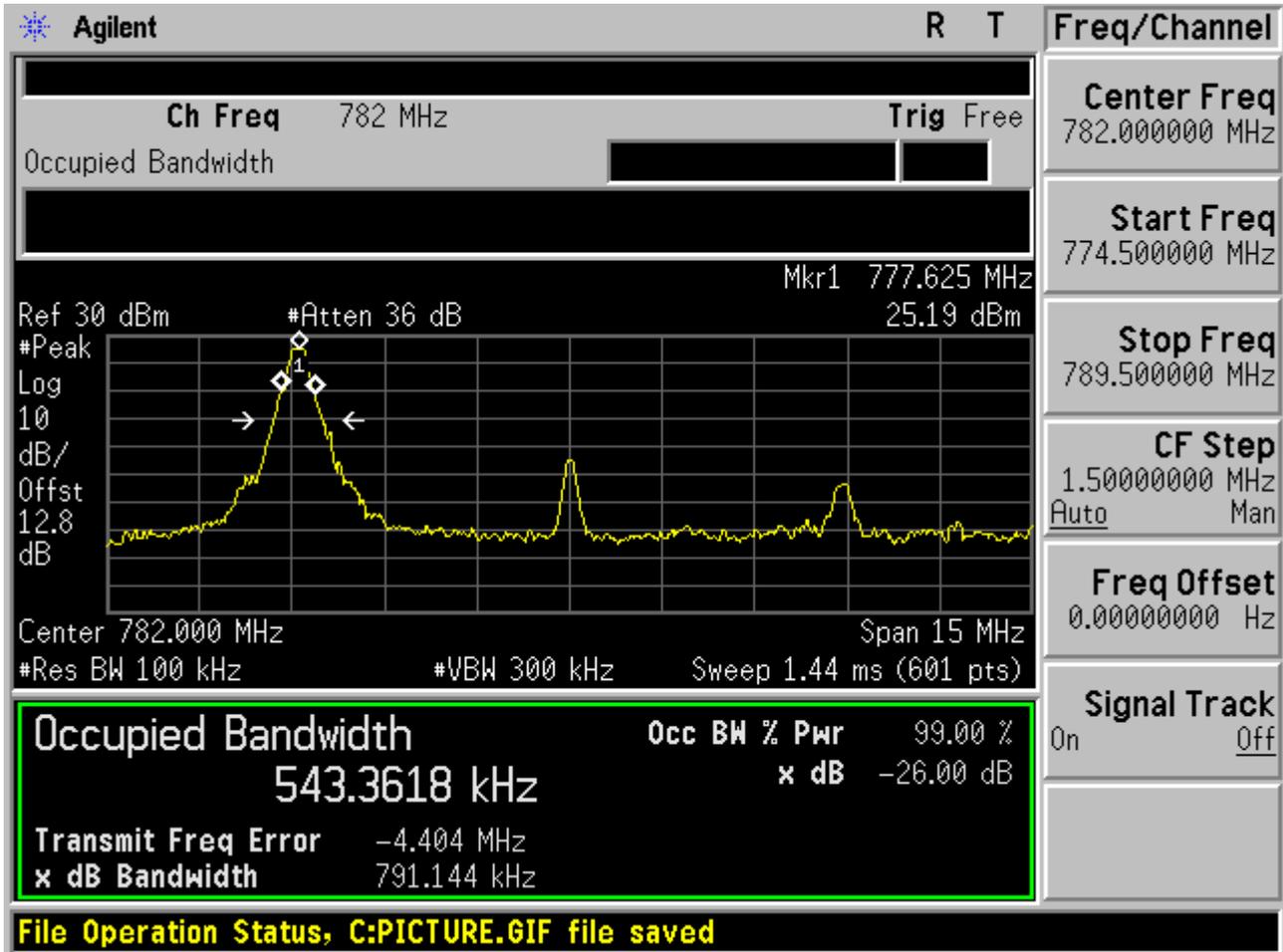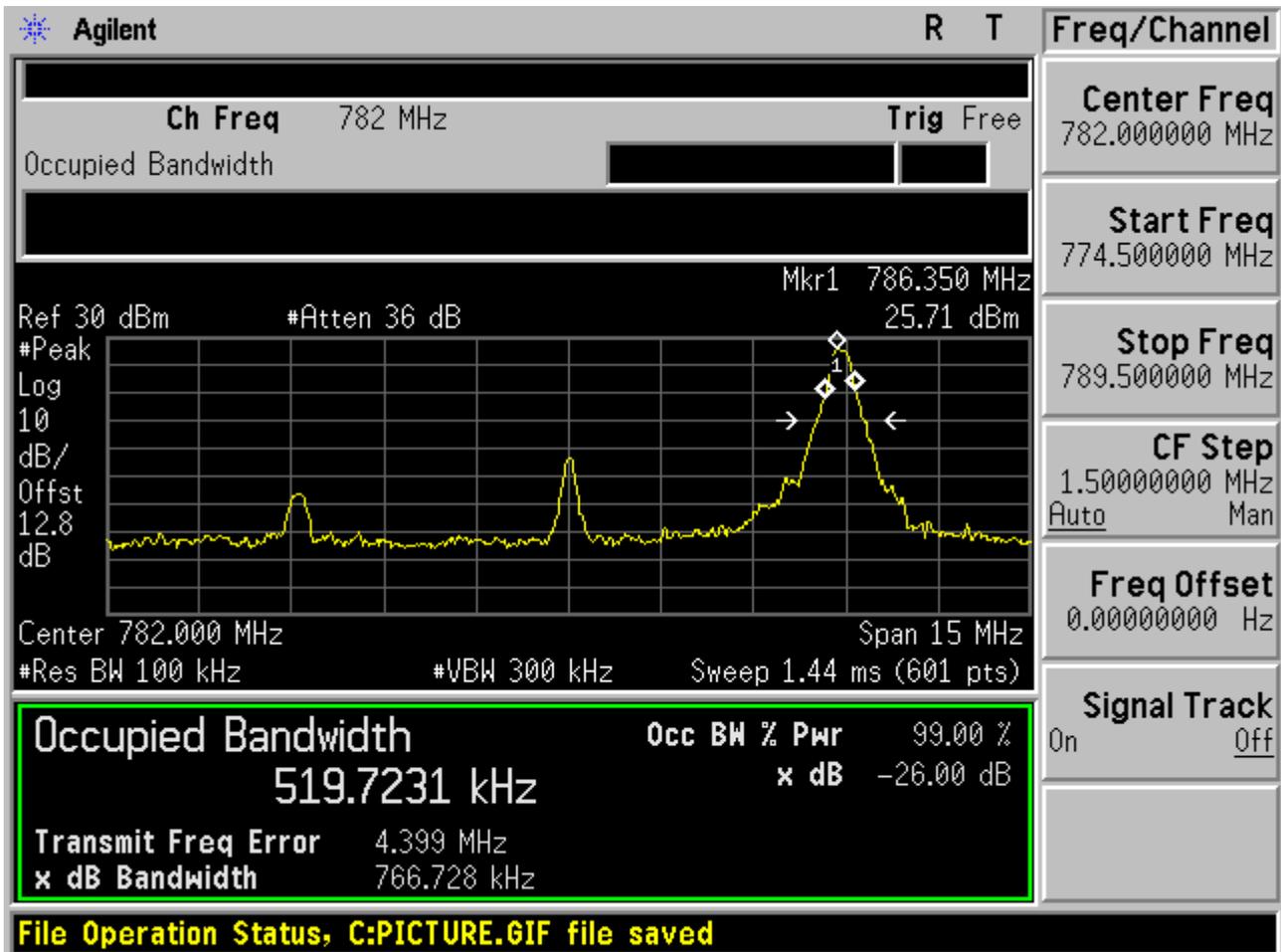## 1.1.1.3.4 QPSK/full RBs

1.1.2 Channel Bandwidth = 10 MHz

1.1.2.1 Channel = B/M/H

1.1.2.1.1 QPSK/1RB # 0

1.1.2.1.2 QPSK/1RB # max


```
Agilent                                              R    T      Freq/Channel

   Ch Freq     782 MHz                    Trig Free          Center Freq
Occupied Bandwidth                                          782.000000 MHz

                                    Mkr1   786.350 MHz        Start Freq
Ref 30 dBm        #Atten 36 dB            25.71 dBm          774.500000 MHz
#Peak
Log                                                           Stop Freq
10                                                           789.500000 MHz
dB/
Offst                                                          CF Step
12.8                                                         1.50000000 MHz
dB                                                           Auto        Man

Center 782.000 MHz                      Span 15 MHz          Freq Offset
#Res BW 100 kHz      #VBW 300 kHz    Sweep 1.44 ms (601 pts) 0.00000000  Hz

Occupied Bandwidth         Occ BW % Pwr      99.00 %       Signal Track
           519.7231 kHz       x dB      -26.00 dB         On          Off

Transmit Freq Error    4.399 MHz
x dB Bandwidth         766.728 kHz

File Operation Status, C:PICTURE.GIF file saved
```
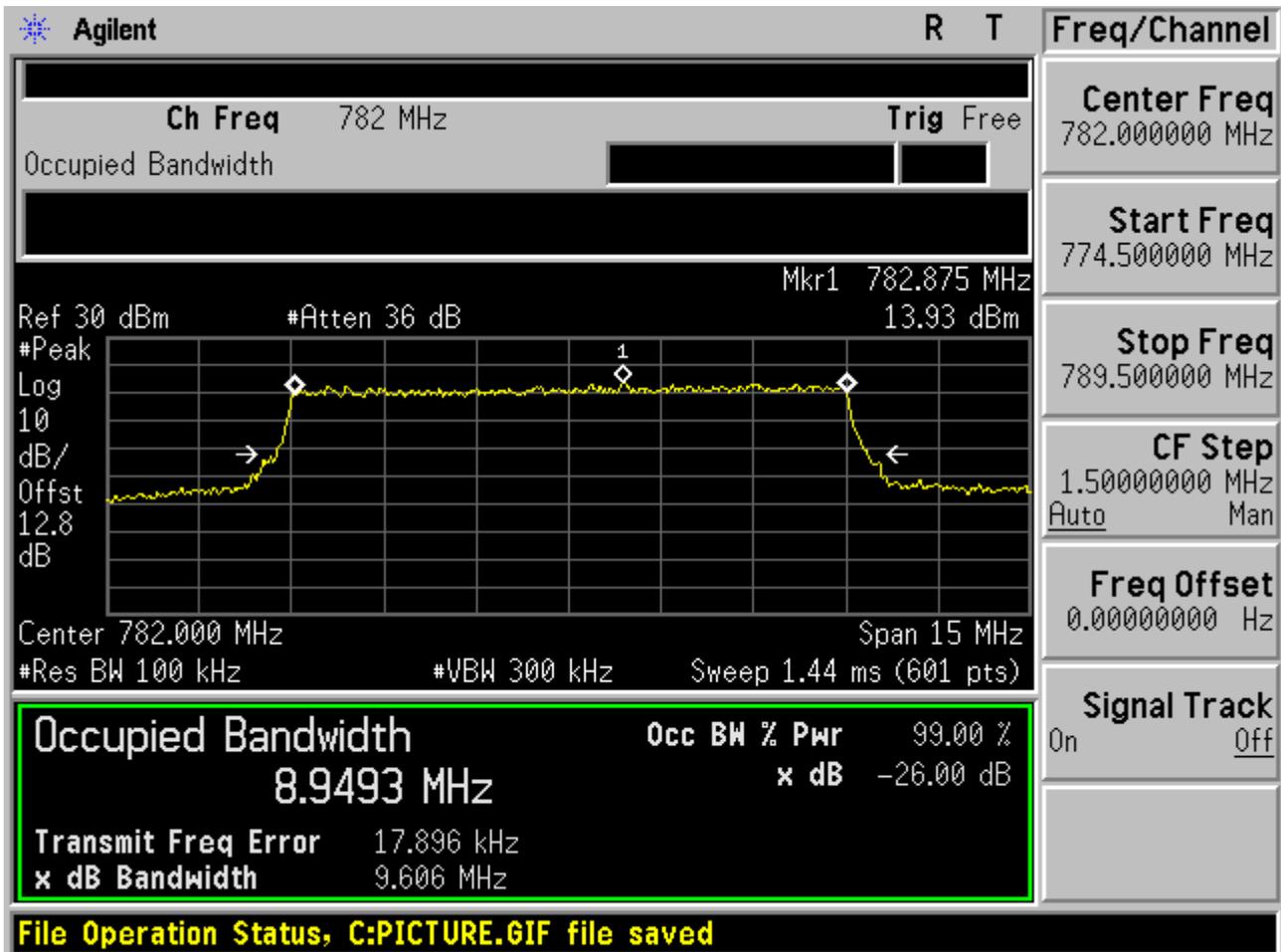
1.1.2.1.3 QPSK/non-1RB #mid/2

1.1.2.1.4 QPSK/full RBs


```
Agilent                                                    R   T        Freq/Channel

     Ch Freq      782 MHz                          Trig Free           Center Freq
Occupied Bandwidth                                                  782.000000 MHz

                                                                      Start Freq
                                            Mkr1   782.875 MHz      774.500000 MHz
Ref 30 dBm      #Atten 36 dB                      13.93 dBm
#Peak                                                                 Stop Freq
Log                                  1                              789.500000 MHz
10
dB/                                                                     CF Step
Offst                                                               1.50000000 MHz
12.8                                                               Auto        Man
dB
                                                                     Freq Offset
Center 782.000 MHz                              Span 15 MHz        0.00000000  Hz
#Res BW 100 kHz         #VBW 300 kHz     Sweep 1.44 ms (601 pts)

 Occupied Bandwidth           Occ BW % Pwr      99.00 %           Signal Track
         8.9493 MHz                x dB     -26.00 dB            On          Off

 Transmit Freq Error    17.896 kHz
 x dB Bandwidth          9.606 MHz

File Operation Status, C:PICTURE.GIF file saved
```

1.2 Test Mode=TM2

1.2.1 Channel Bandwidth = 5 MHz
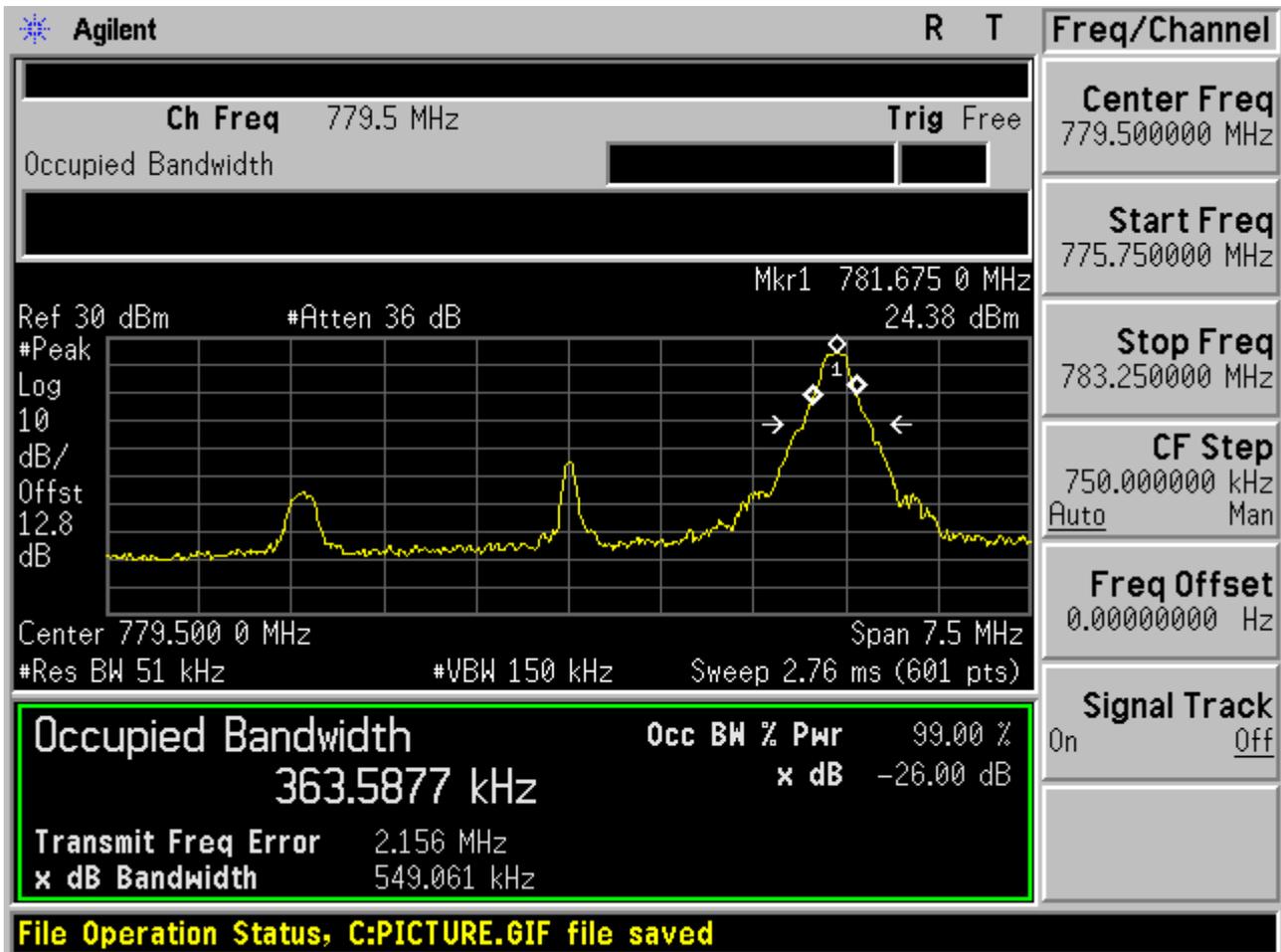
1.2.1.1 Channel =B

1.2.1.1.1 16QAM/1RB # 0

Report No:
SYBH(Z-RF)016112013-2002

Confidential Information of Huawei.
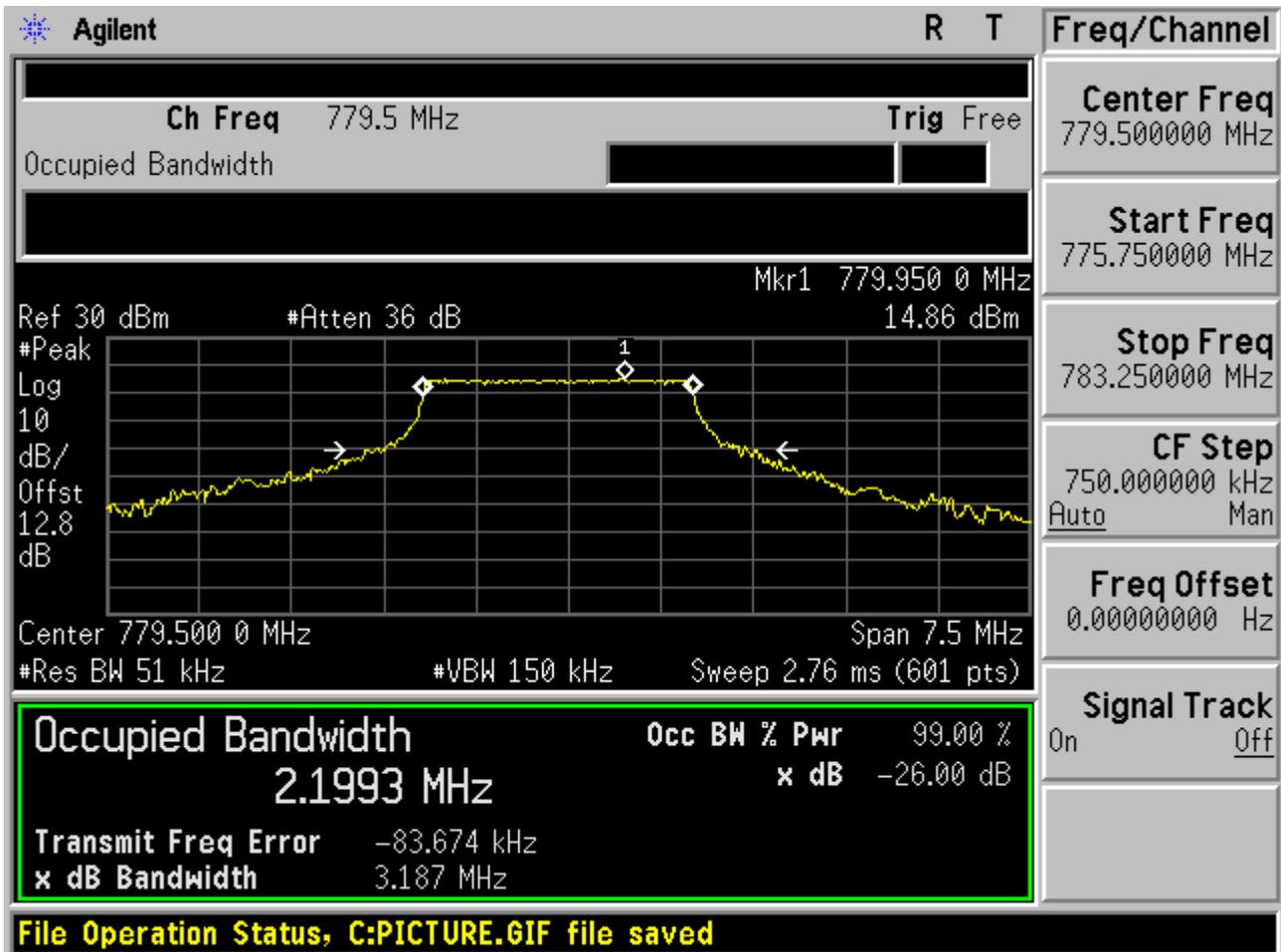No Distribution without Written Permission
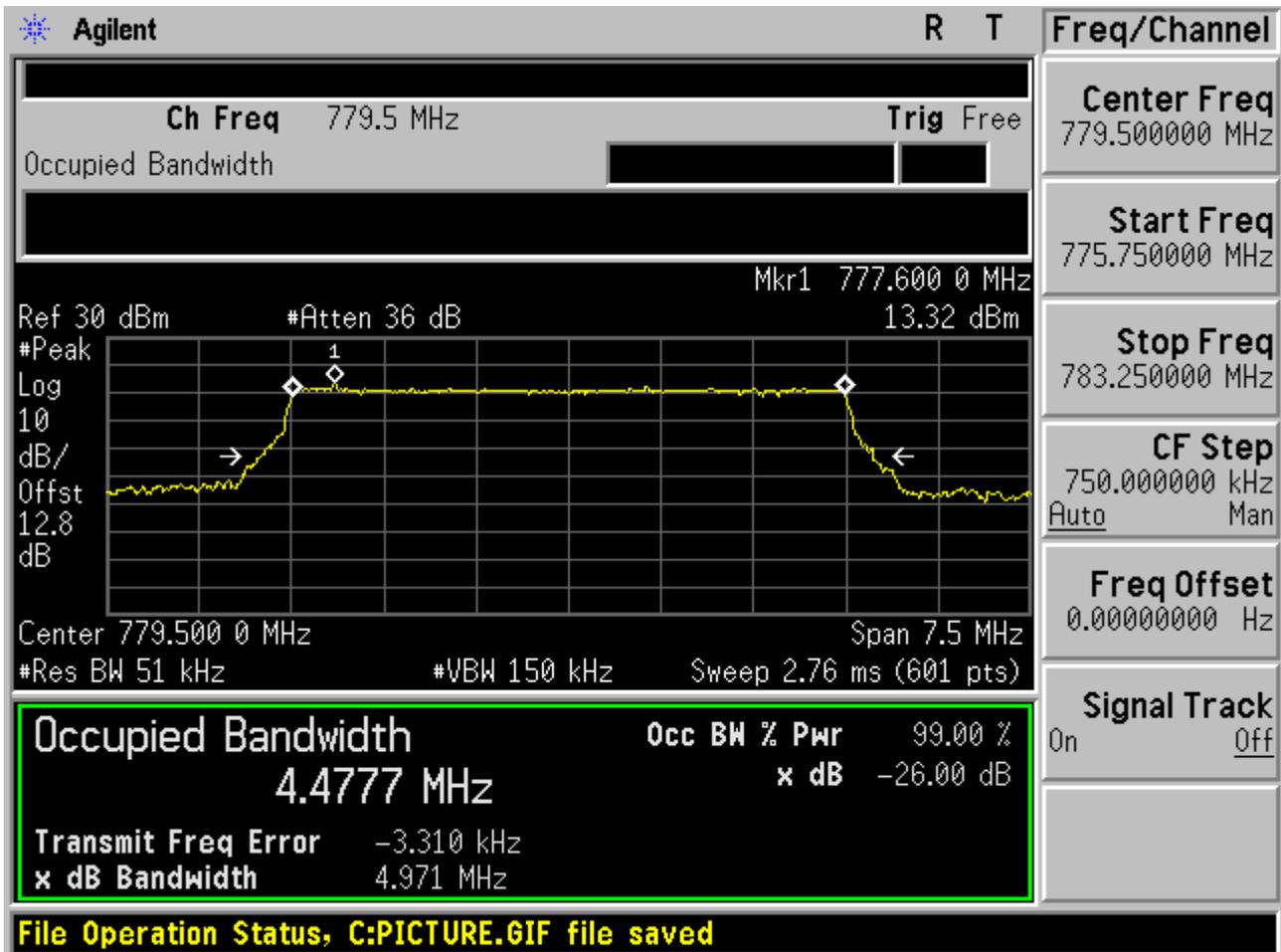
Page20, Total35
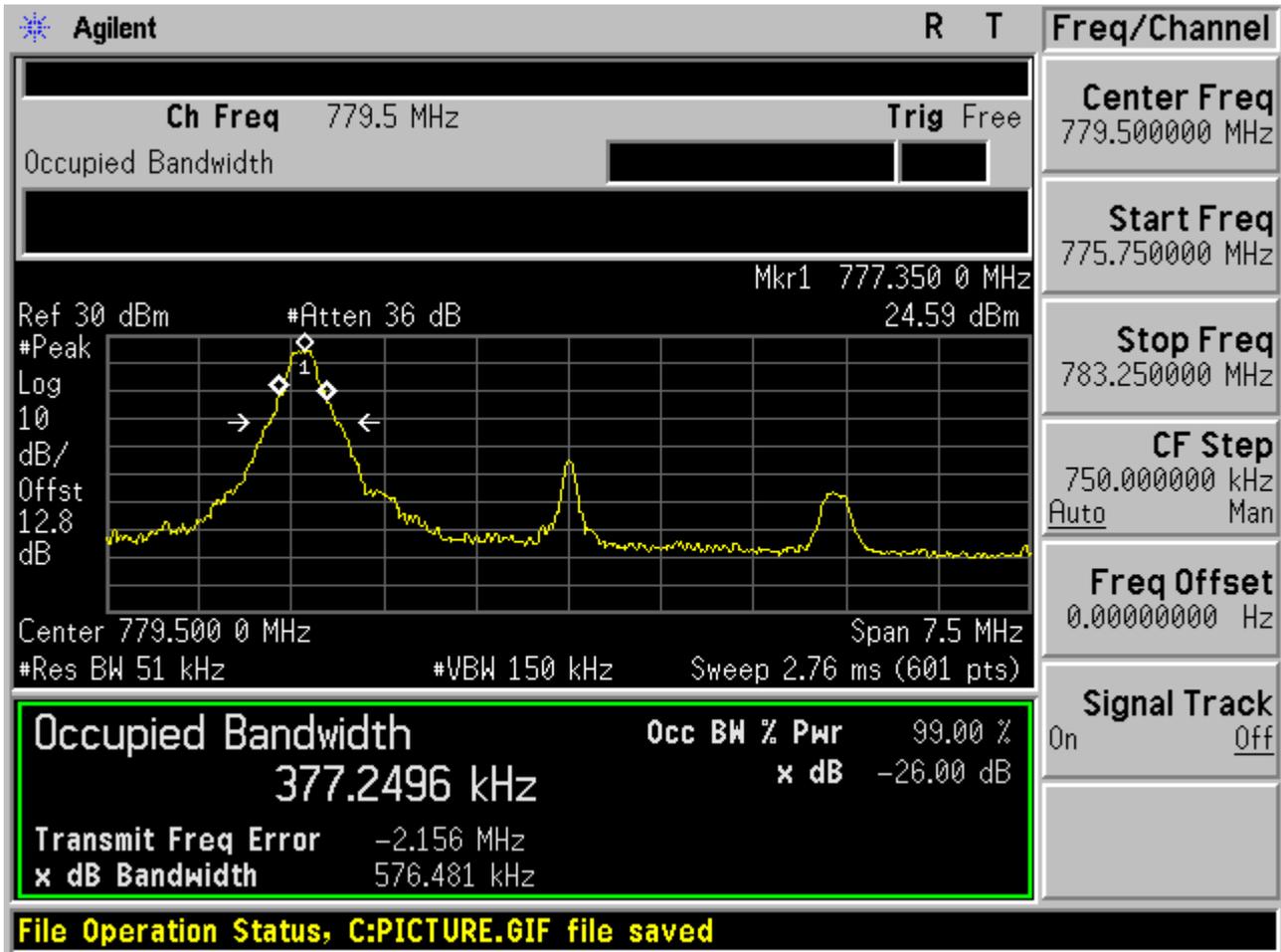
1.2.1.1.2 16QAM /1RB # max

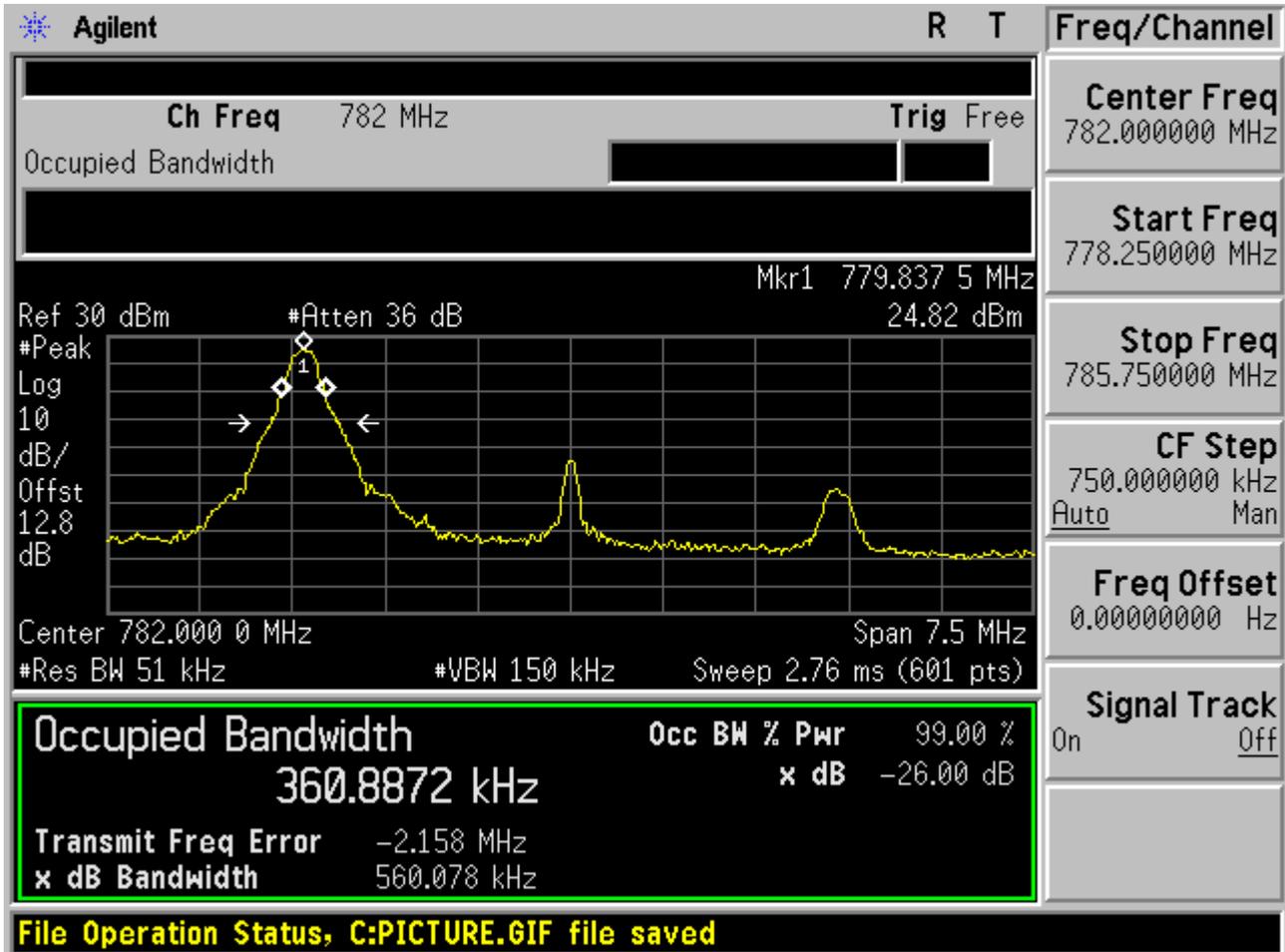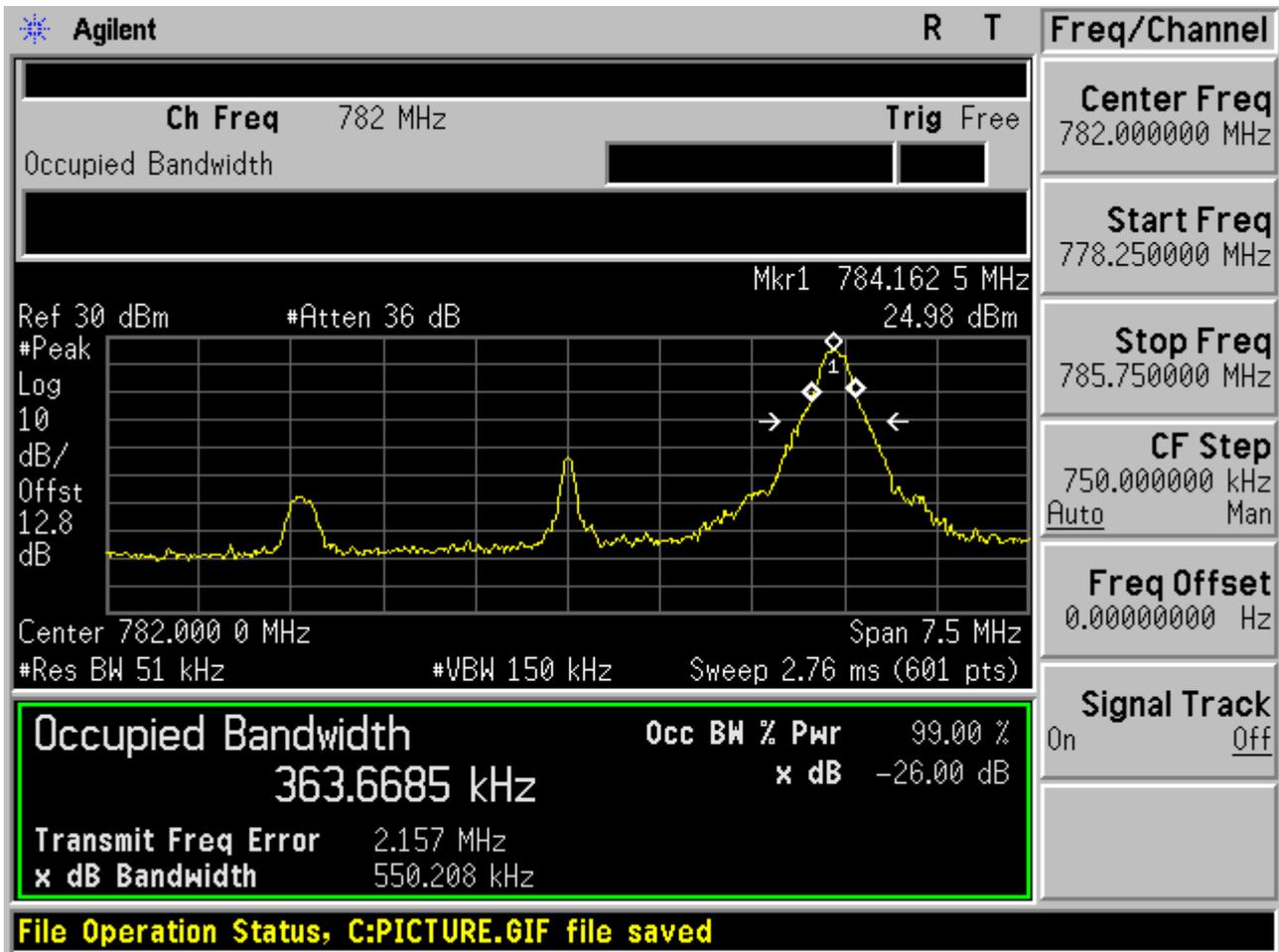## 1.2.1.1.3 16QAM /non-1RB #mid/2

1.2.1.1.4 16QAM /full RBs

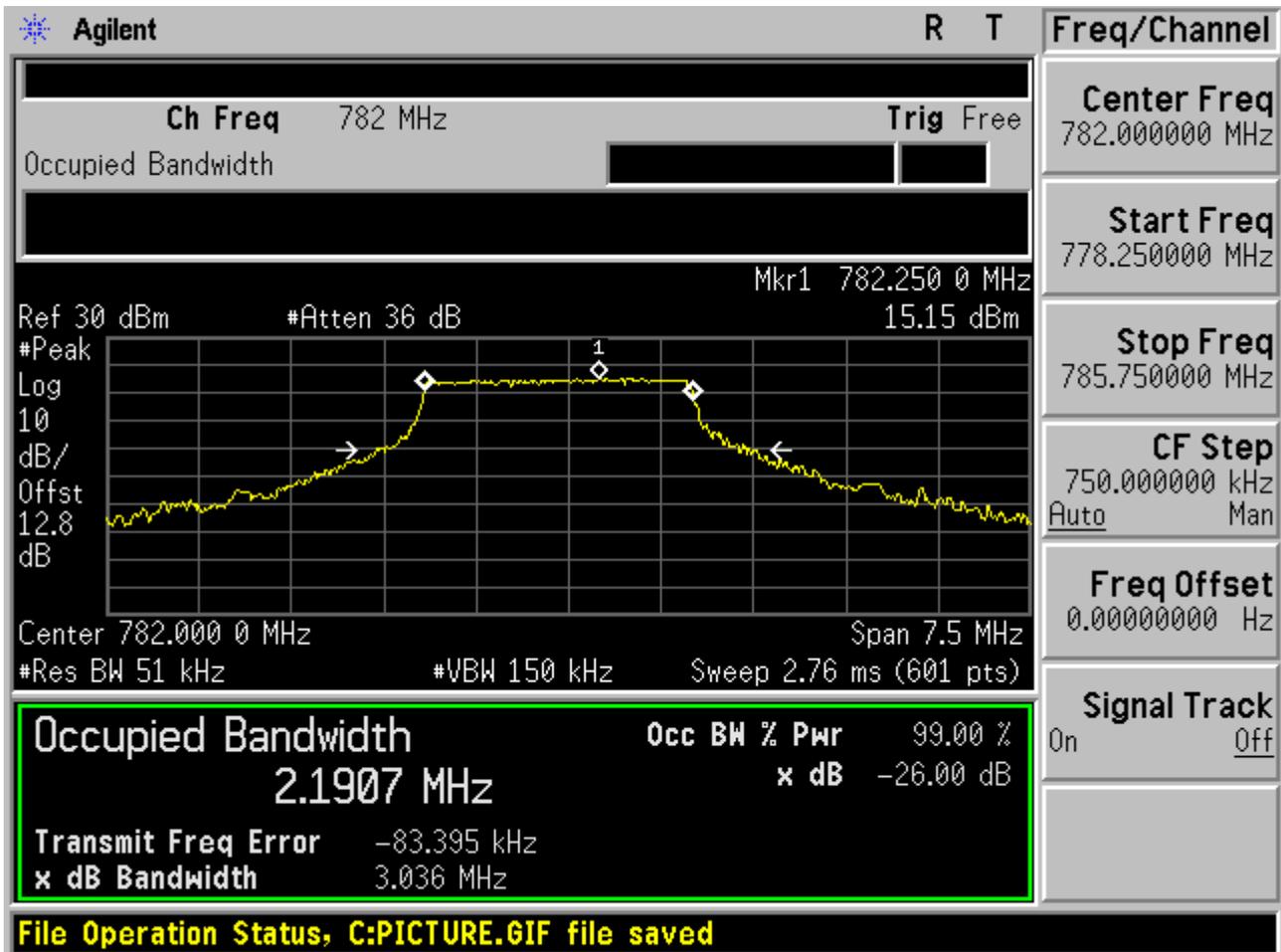## 1.2.1.2 Channel =M

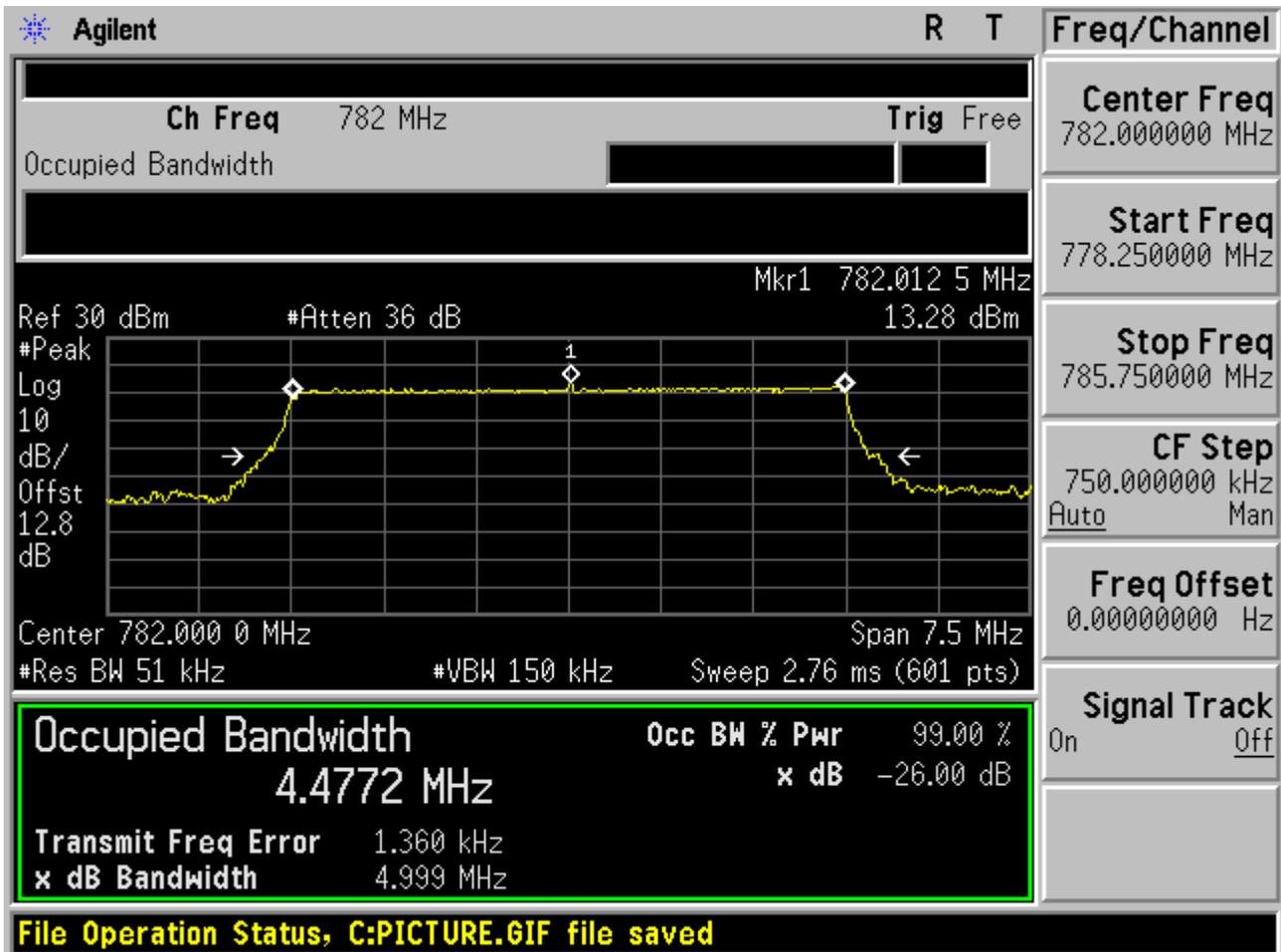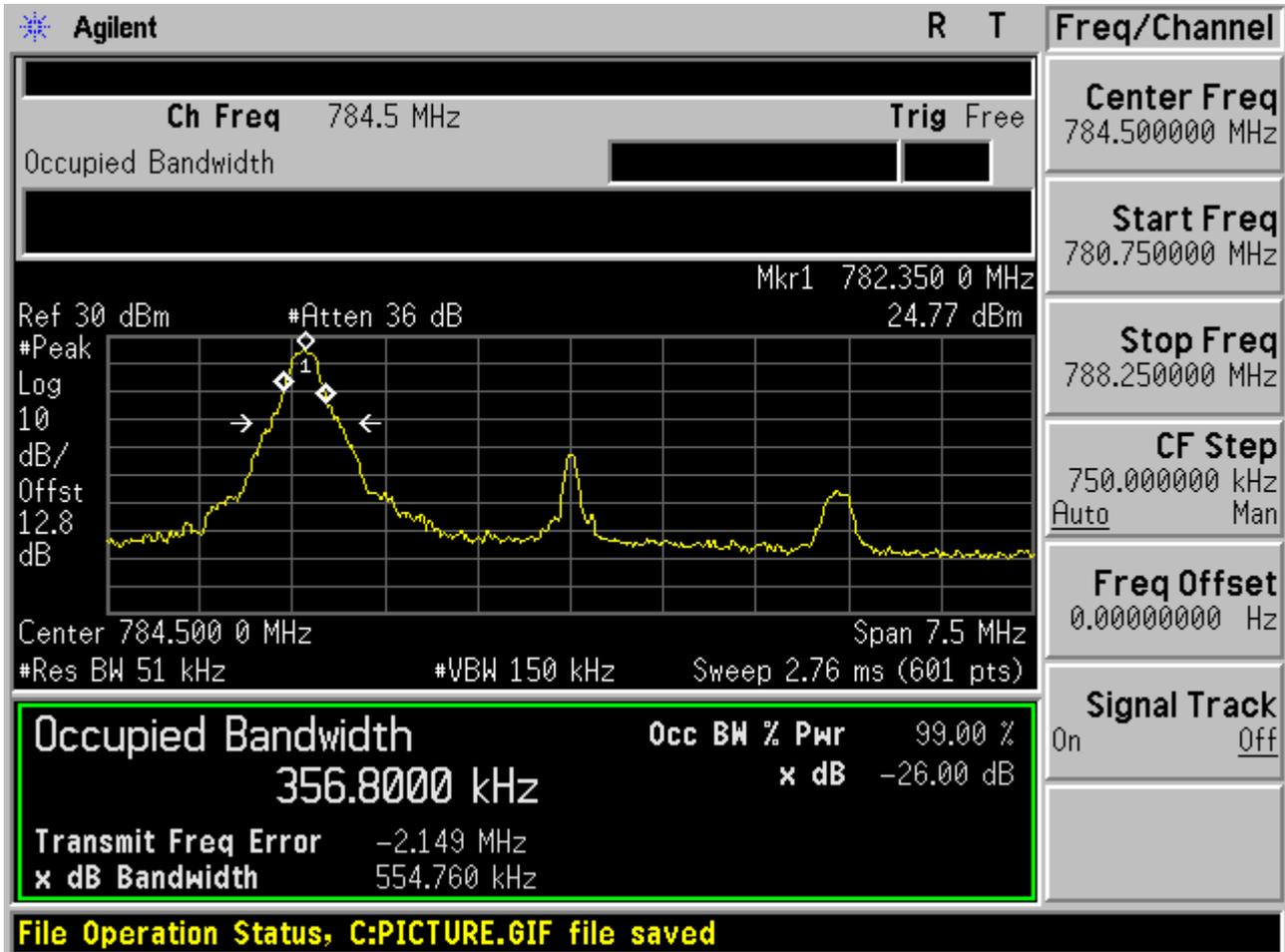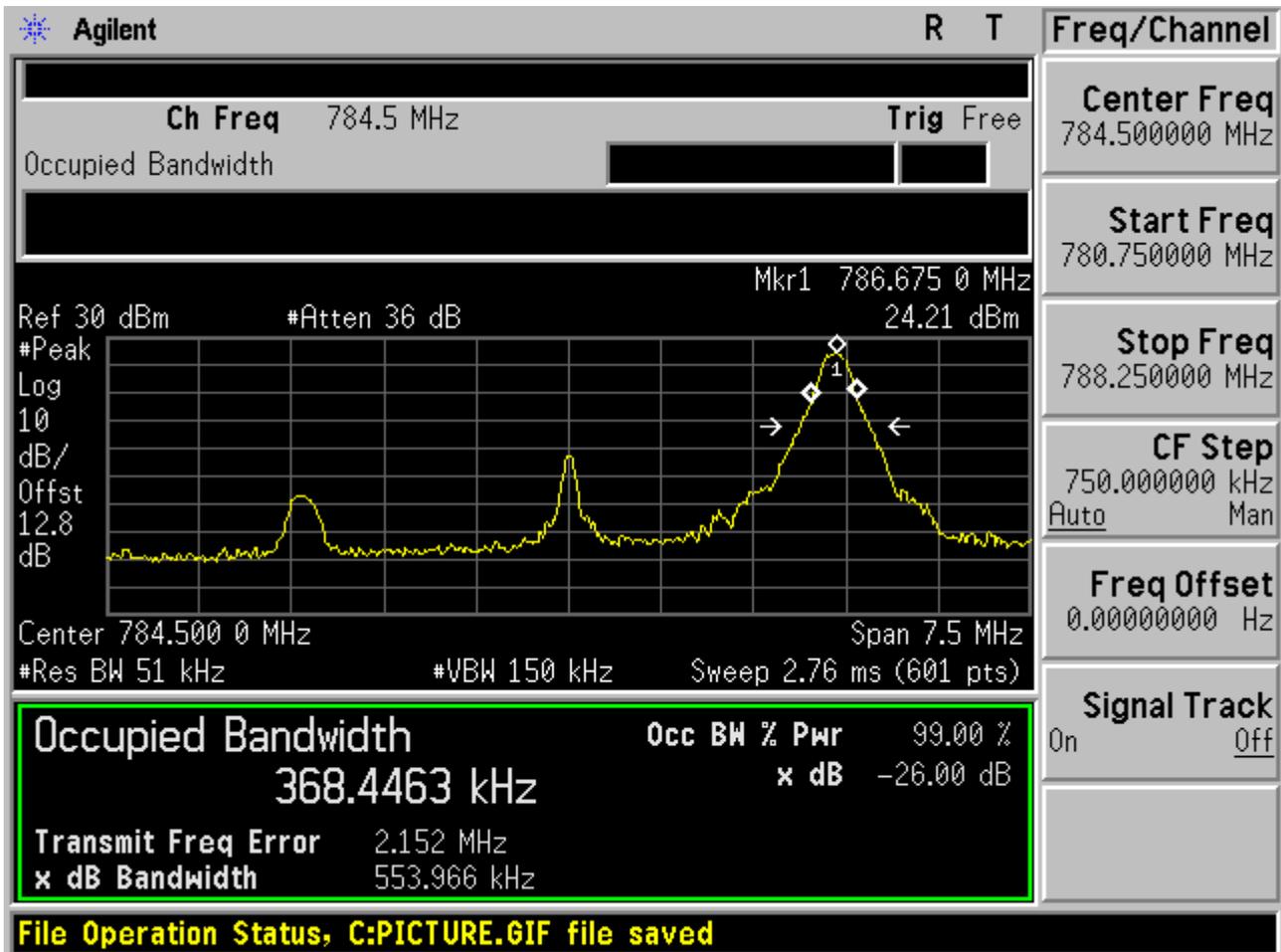### 1.2.1.2.1 16QAM/1RB # 0

1.2.1.2.2 16QAM /1RB # max

1.2.1.2.3 16QAM /non-1RB #mid/2

1.2.1.2.4 16QAM /full RBs

1.2.1.3 Channel =T

1.2.1.3.1 16QAM/1RB # 0

Report No:
SYBH(Z-RF)016112013-2002

Confidential Information of Huawei.
No Distribution without Written Permission

Page28, Total35

1.2.1.3.2 16QAM /1RB # max

Agilent   R   T   Freq/Channel

Ch Freq   784.5 MHz   Trig Free

Occupied Bandwidth

Mkr1   786.675 0 MHz

Ref 30 dBm   #Atten 36 dB   24.21 dBm

#Peak
Log
10
dB/
Offst
12.8
dB

Center 784.500 0 MHz   Span 7.5 MHz
#Res BW 51 kHz   #VBW 150 kHz   Sweep 2.76 ms (601 pts)

Occupied Bandwidth   Occ BW % Pwr   99.00 %
      368.4463 kHz   x dB   −26.00 dB

Transmit Freq Error   2.152 MHz
x dB Bandwidth   553.966 kHz

File Operation Status, C:PICTURE.GIF file saved

Center Freq
784.500000 MHz

Start Freq
780.750000 MHz

Stop Freq
788.250000 MHz

CF Step
750.000000 kHz
Auto   Man

Freq Offset
0.00000000   Hz

Signal Track
On   Off

1.2.1.3.3 16QAM /non-1RB #mid/2

1.2.1.3.4 16QAM /full RBs

Report No:
SYBH(Z-RF)016112013-2002

Confidential Information of Huawei.
No Distribution without Written Permission

Page31, Total35
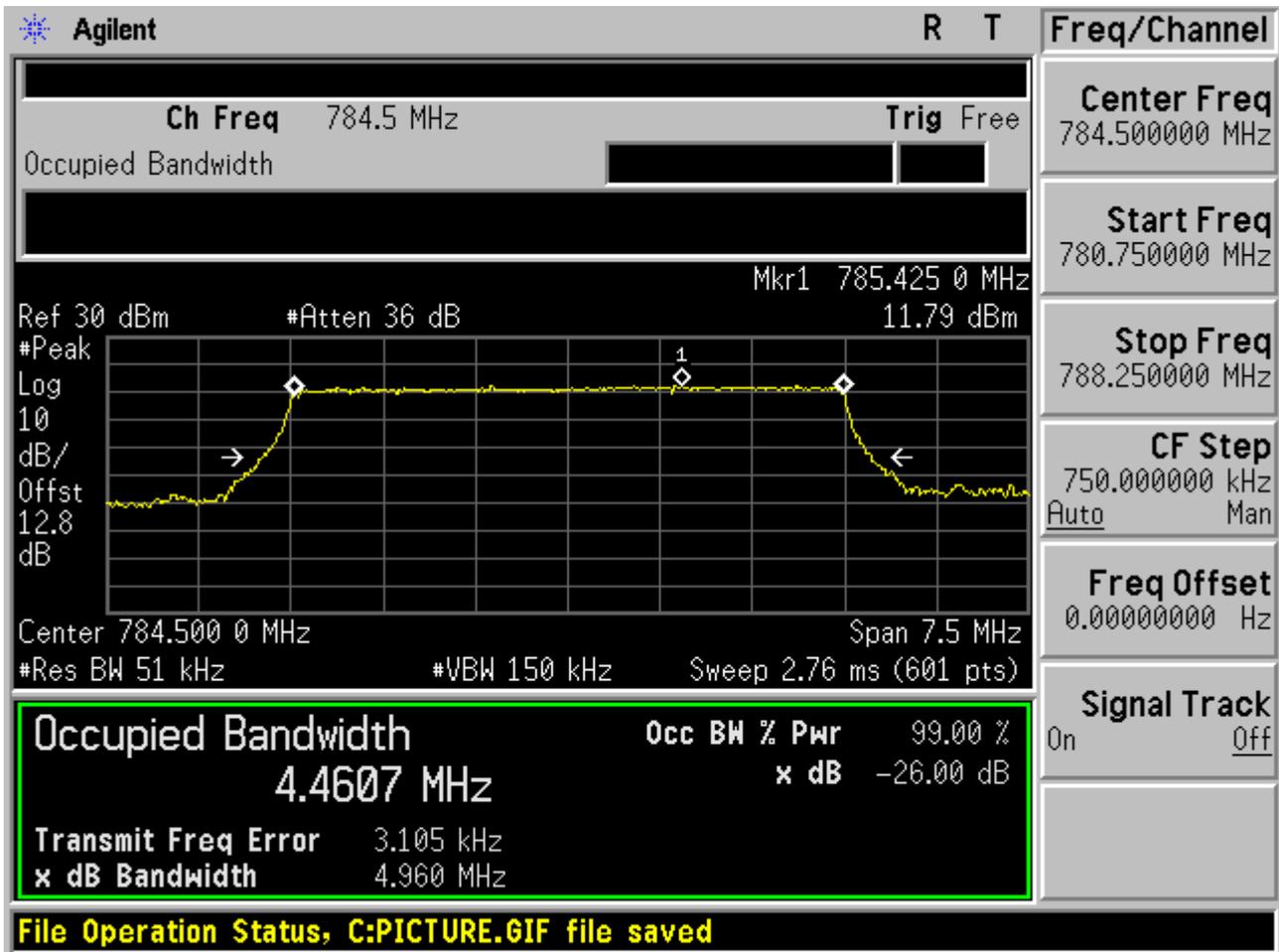
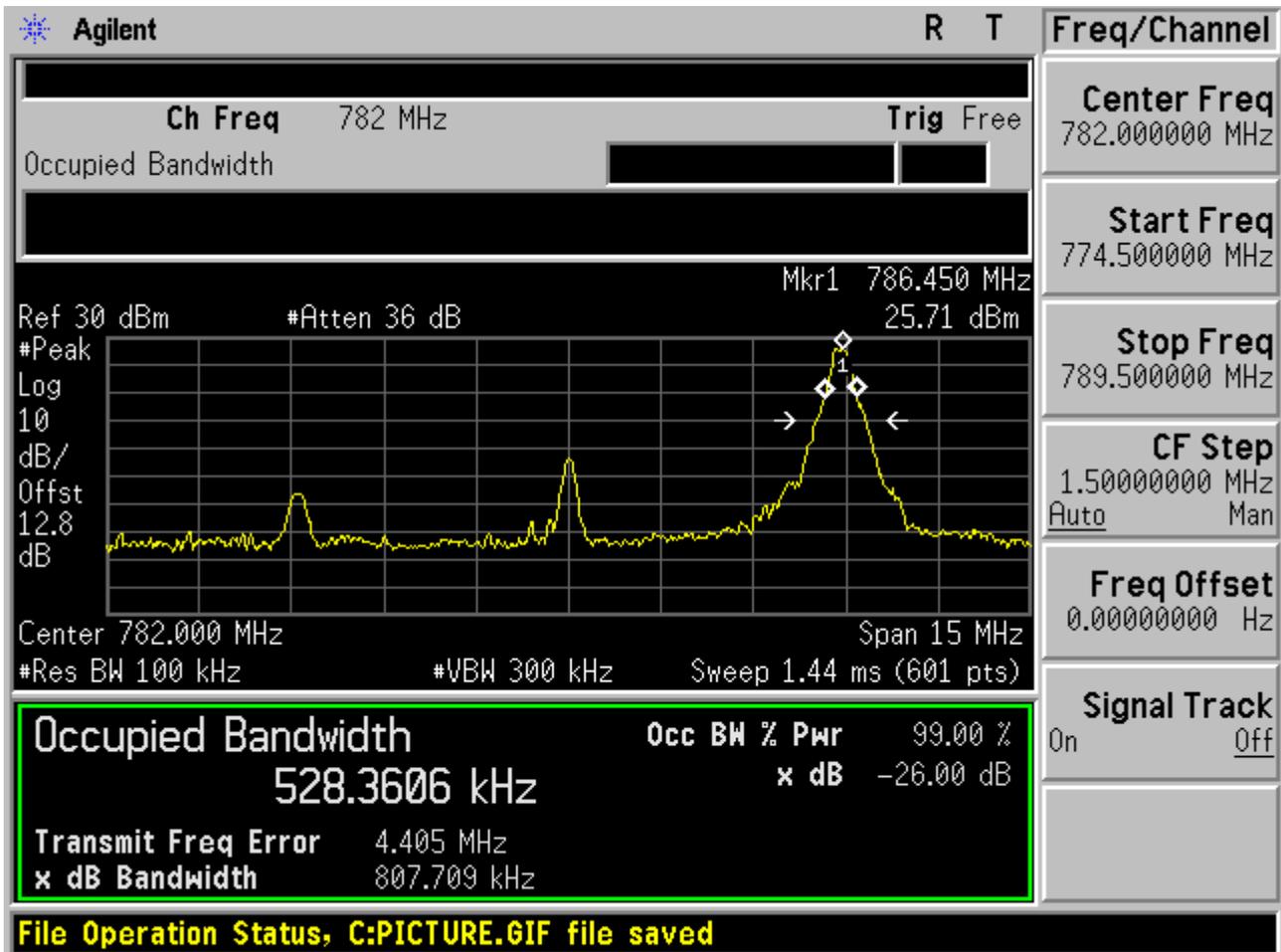## 1.2.2 Channel Bandwidth = 10 MHz

1.2.2.1 Channel =B/M/T
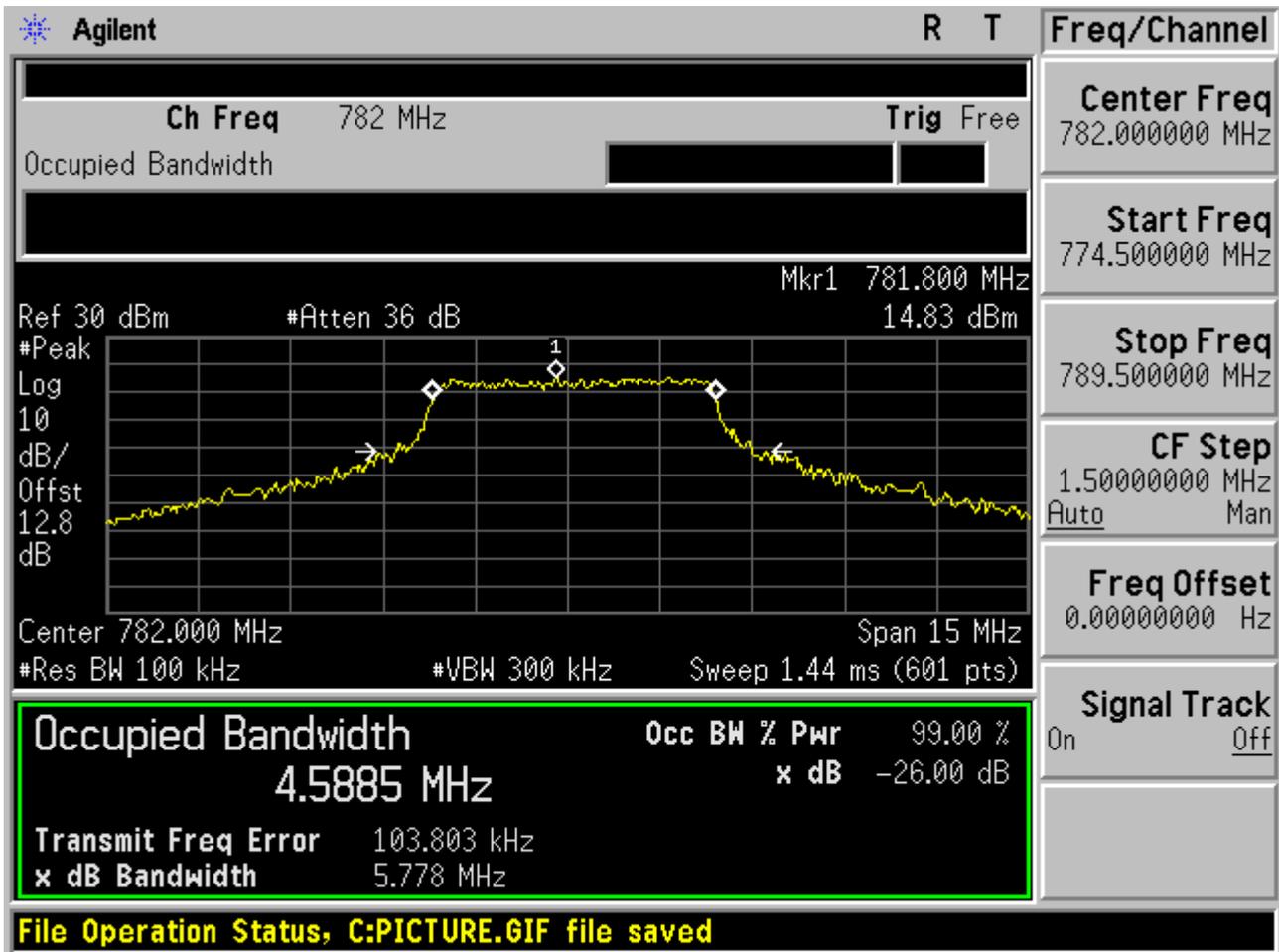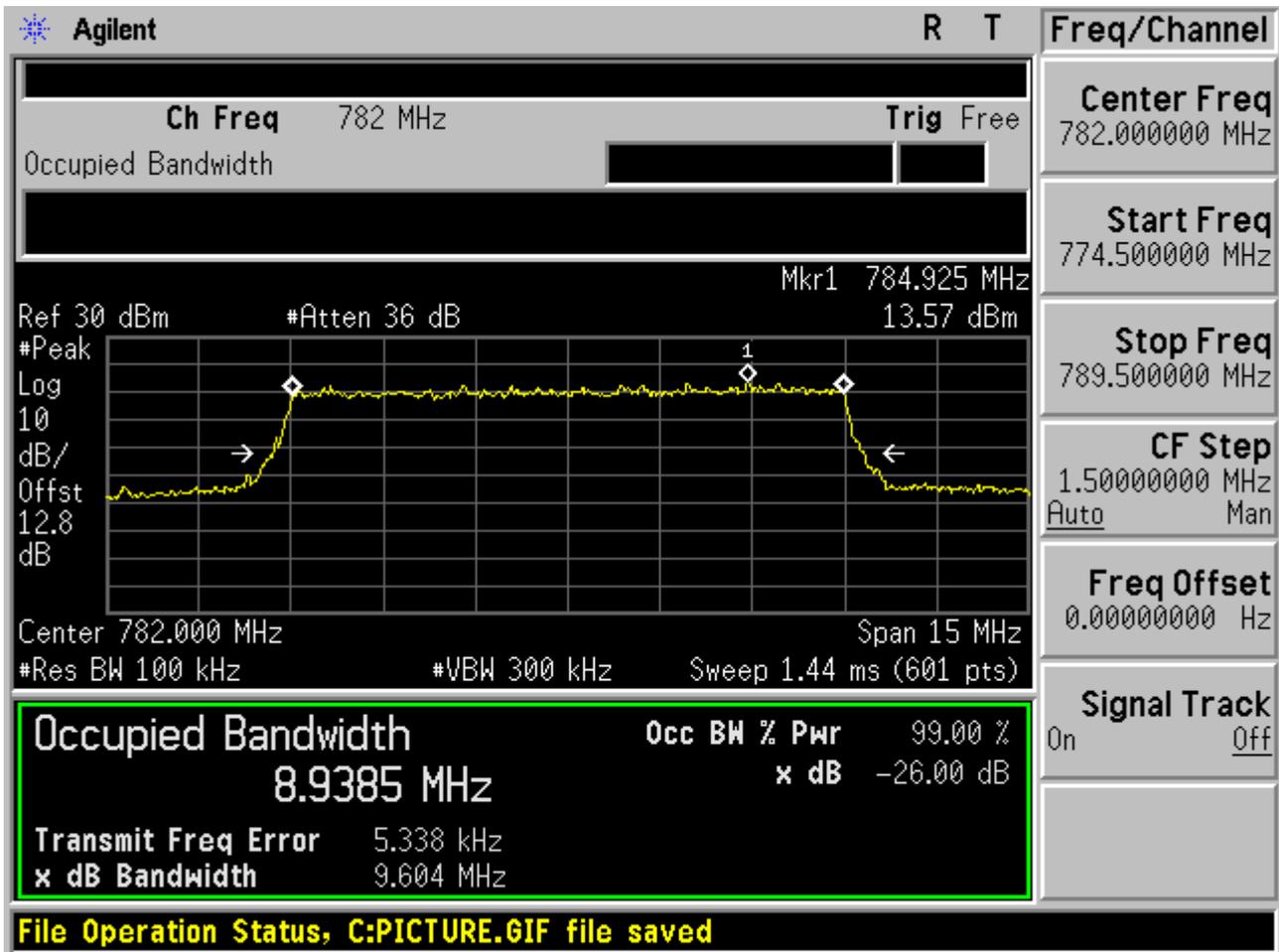
1.2.2.1.1 16QAM/1RB # 0
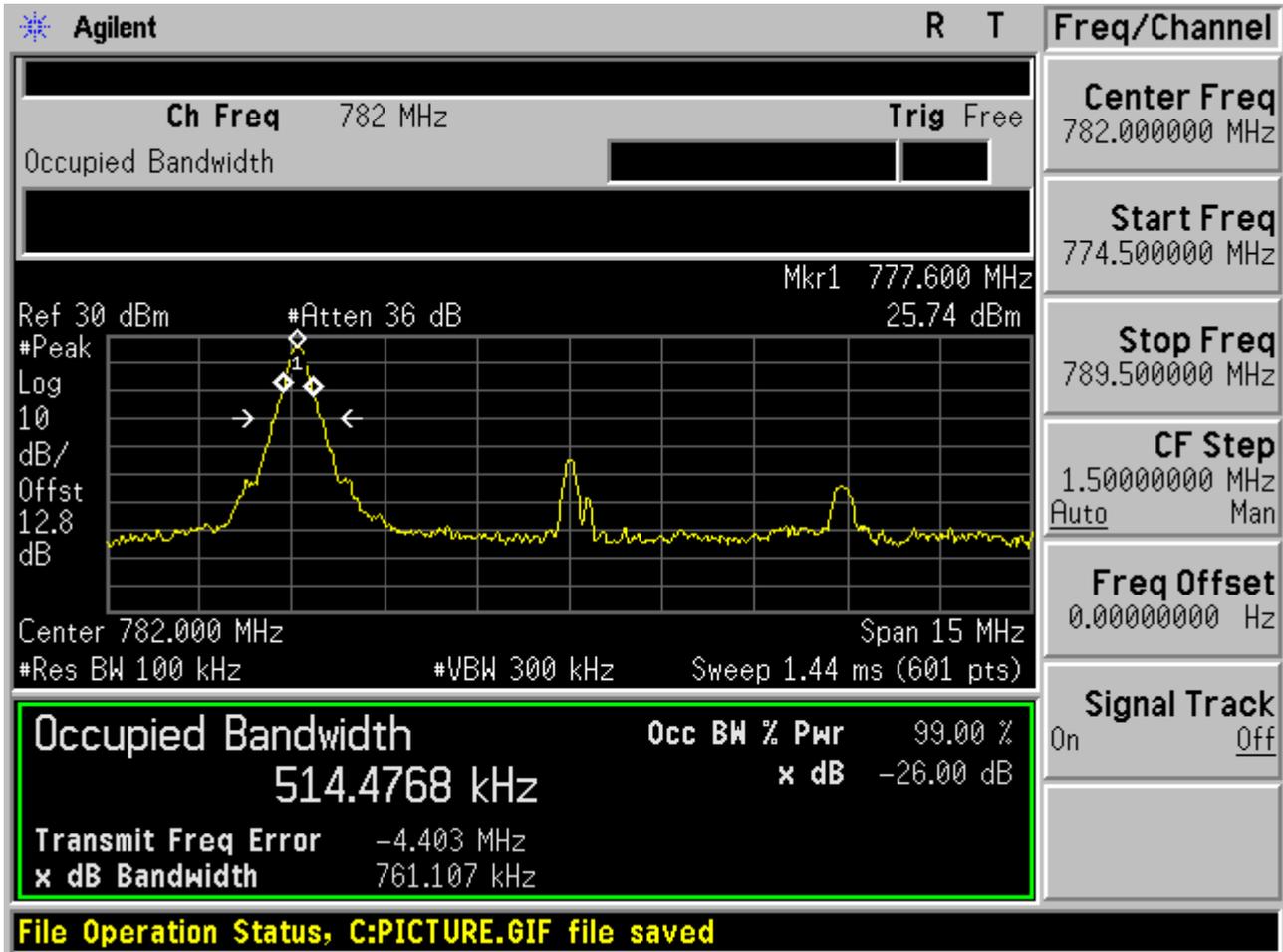
1.2.2.1.2 16QAM /1RB # max

1.2.2.1.3 16QAM /non-1RB #mid/2

1.2.2.1.4 16QAM /full RBs

---END---