



## Appendix E

# Spurious Emission at Antenna Terminal According to FCC Part 2.1051 & Part 22.917 & RSS-132



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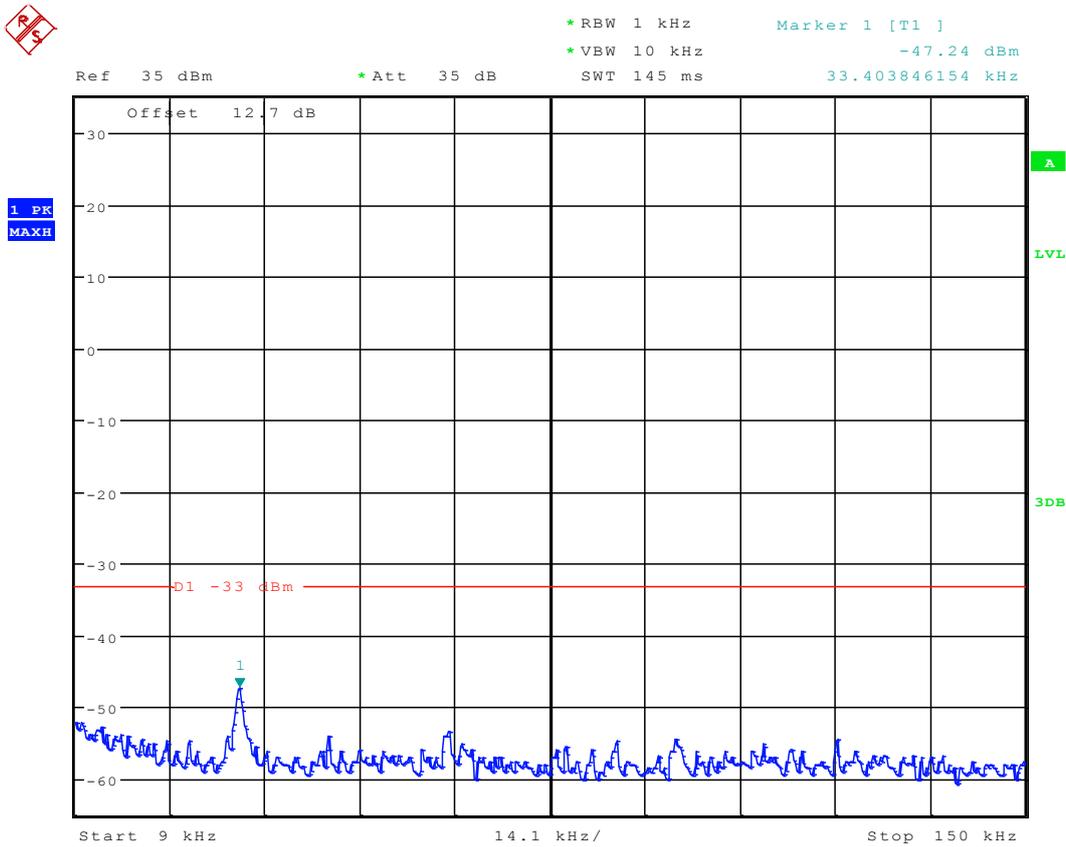
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# 1 For WCDMA Band 5

## 1.1 Test Mode=TM1

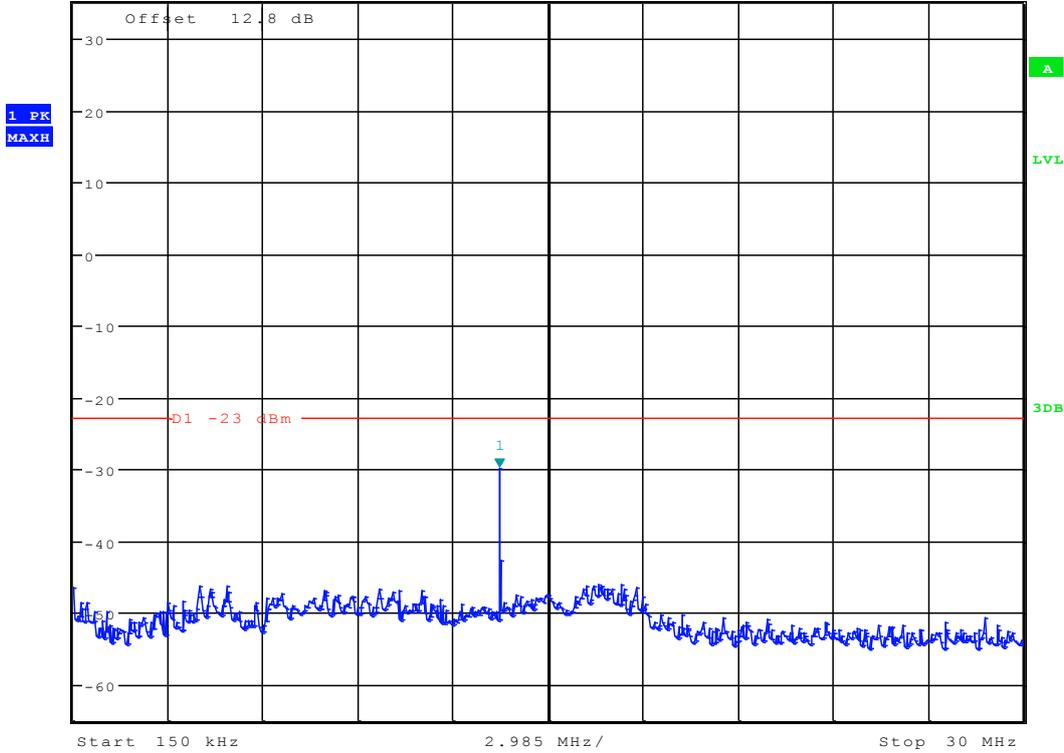
### 1.1.1 Channel = B



Date: 14.SEP.2012 09:37:48



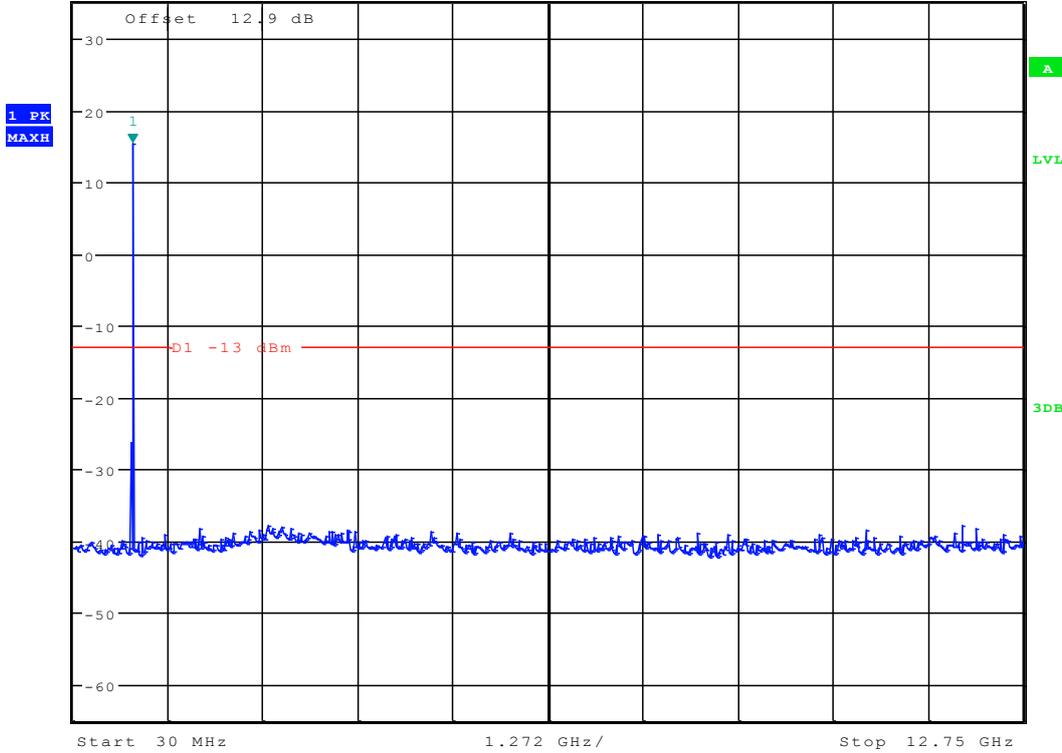
\* RBW 10 kHz      Marker 1 [T1 ]  
 \* VBW 30 kHz      -29.89 dBm  
 Ref 35 dBm      \* Att 35 dB      SWT 300 ms      13.544230769 MHz



Date: 14.SEP.2012 09:38:31



\* RBW 100 kHz      Marker 1 [T1 ]  
 \* VBW 300 kHz      15.42 dBm  
 Ref 35 dBm      \* Att 35 dB      SWT 1.3 s      825.000000000 MHz



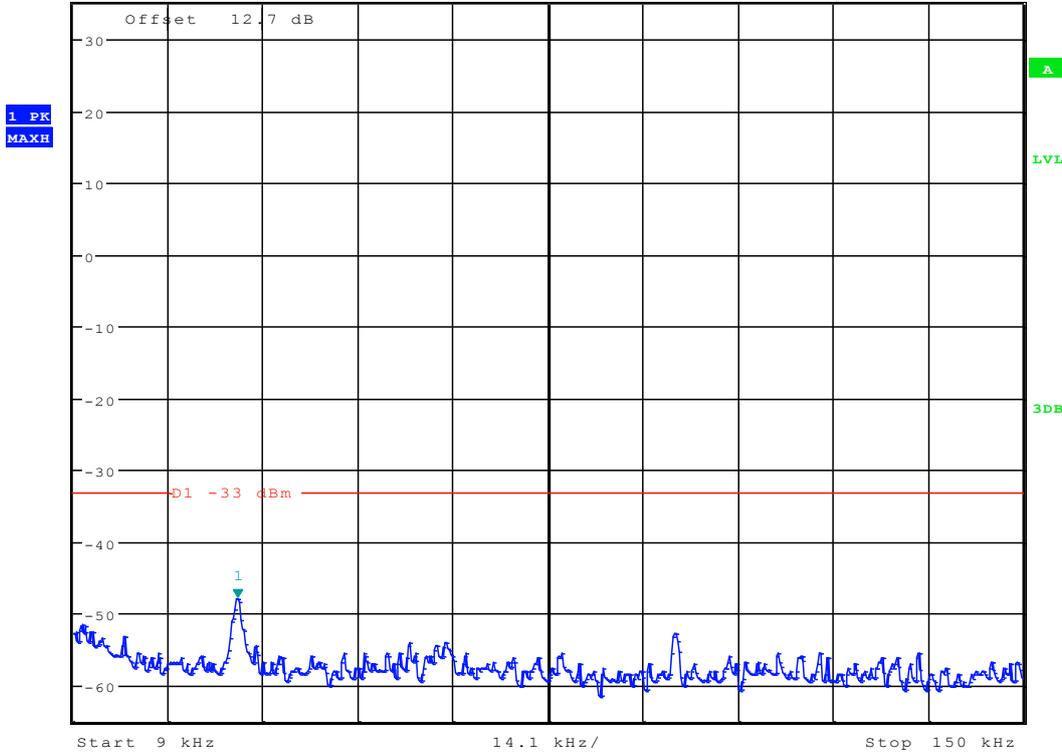
Date: 14.SEP.2012 09:39:15



### 1.1.2 Channel = M



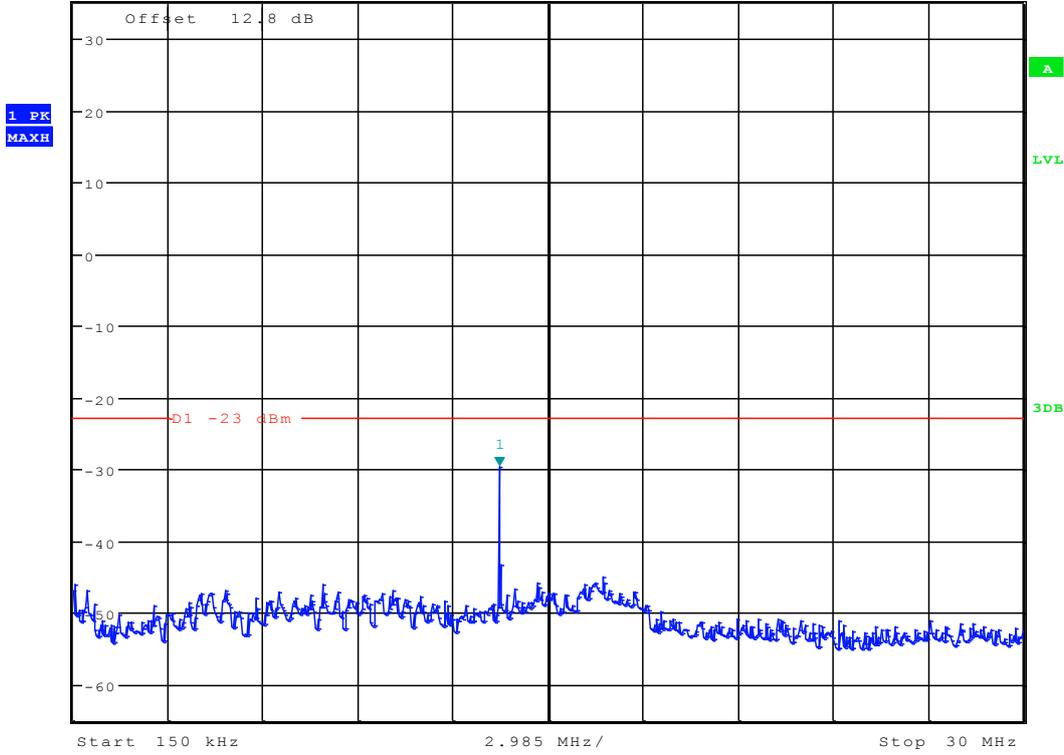
\*RBW 1 kHz                    Marker 1 [T1 ]  
 \*VBW 10 kHz                    -47.84 dBm  
 Ref 35 dBm                    \*Att 35 dB                    SWT 145 ms                    33.403846154 kHz



Date: 14.SEP.2012 09:38:02



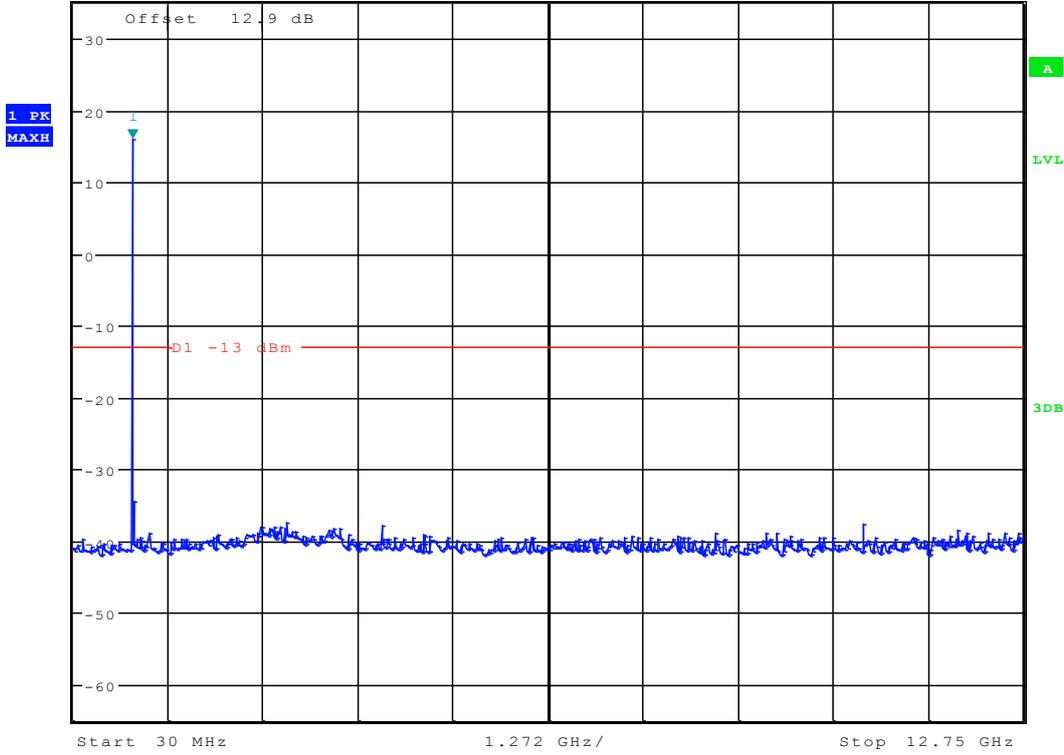
\* RBW 10 kHz      Marker 1 [T1 ]  
 \* VBW 30 kHz      -29.63 dBm  
 Ref 35 dBm      \* Att 35 dB      SWT 300 ms      13.544230769 MHz



Date: 14.SEP.2012 09:38:46



\* RBW 100 kHz      Marker 1 [T1 ]  
 \* VBW 300 kHz      16.06 dBm  
 Ref 35 dBm      \* Att 35 dB      SWT 1.3 s      825.00000000 MHz



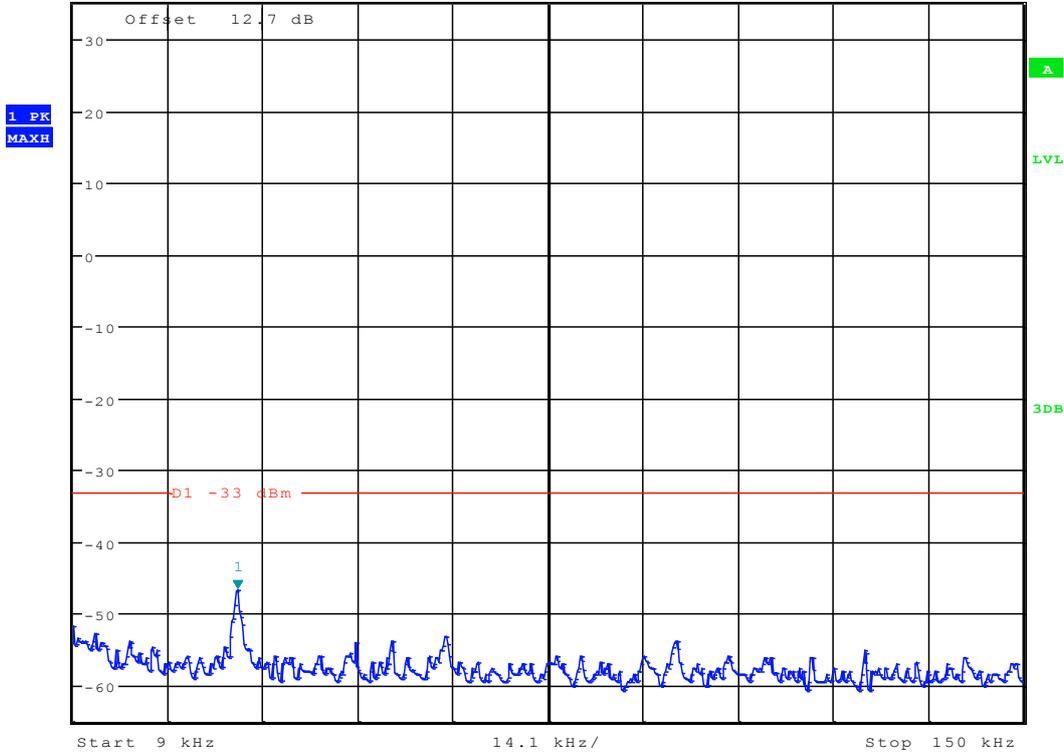
Date: 14.SEP.2012 09:39:30



### 1.1.3 Channel = T



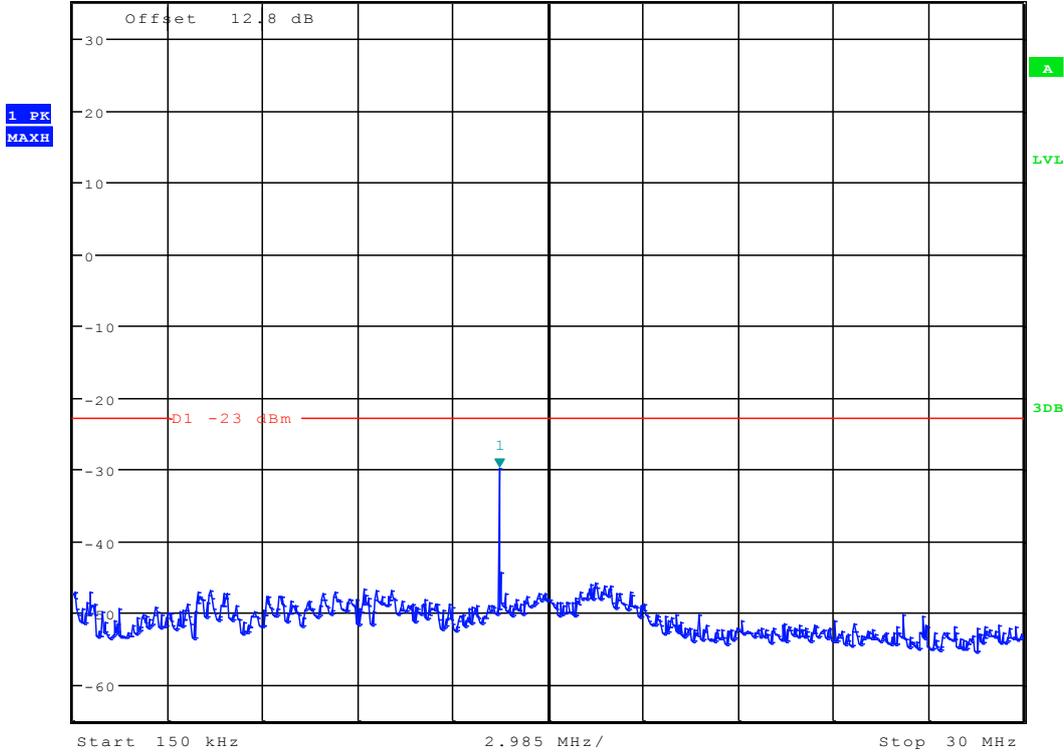
\*RBW 1 kHz                      Marker 1 [T1 ]  
 \*VBW 10 kHz                     -46.52 dBm  
 Ref 35 dBm                      \*Att 35 dB                      SWT 145 ms                      33.403846154 kHz



Date: 14.SEP.2012 09:38:16



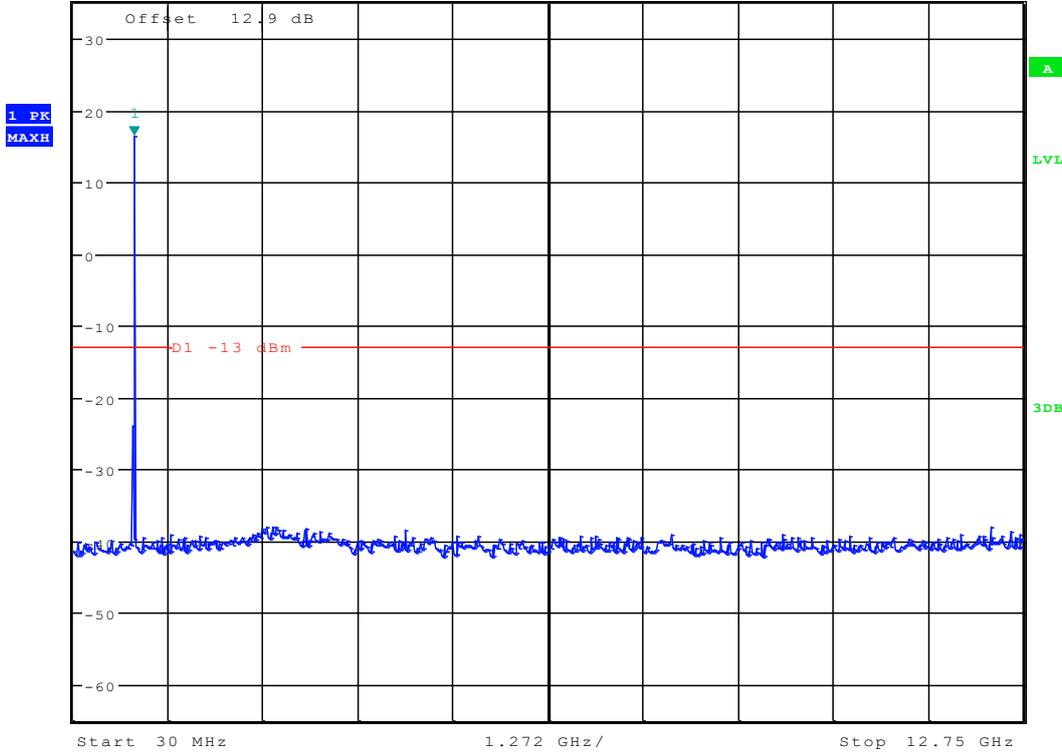
\* RBW 10 kHz      Marker 1 [T1 ]  
 \* VBW 30 kHz      -29.88 dBm  
 Ref 35 dBm      \* Att 35 dB      SWT 300 ms      13.544230769 MHz



Date: 14.SEP.2012 09:39:00



\* RBW 100 kHz      Marker 1 [T1 ]  
 \* VBW 300 kHz      16.44 dBm  
 Ref 35 dBm      \* Att 35 dB      SWT 1.3 s      845.384615385 MHz



Date: 14.SEP.2012 09:39:44



## 2 For LTE Band 5

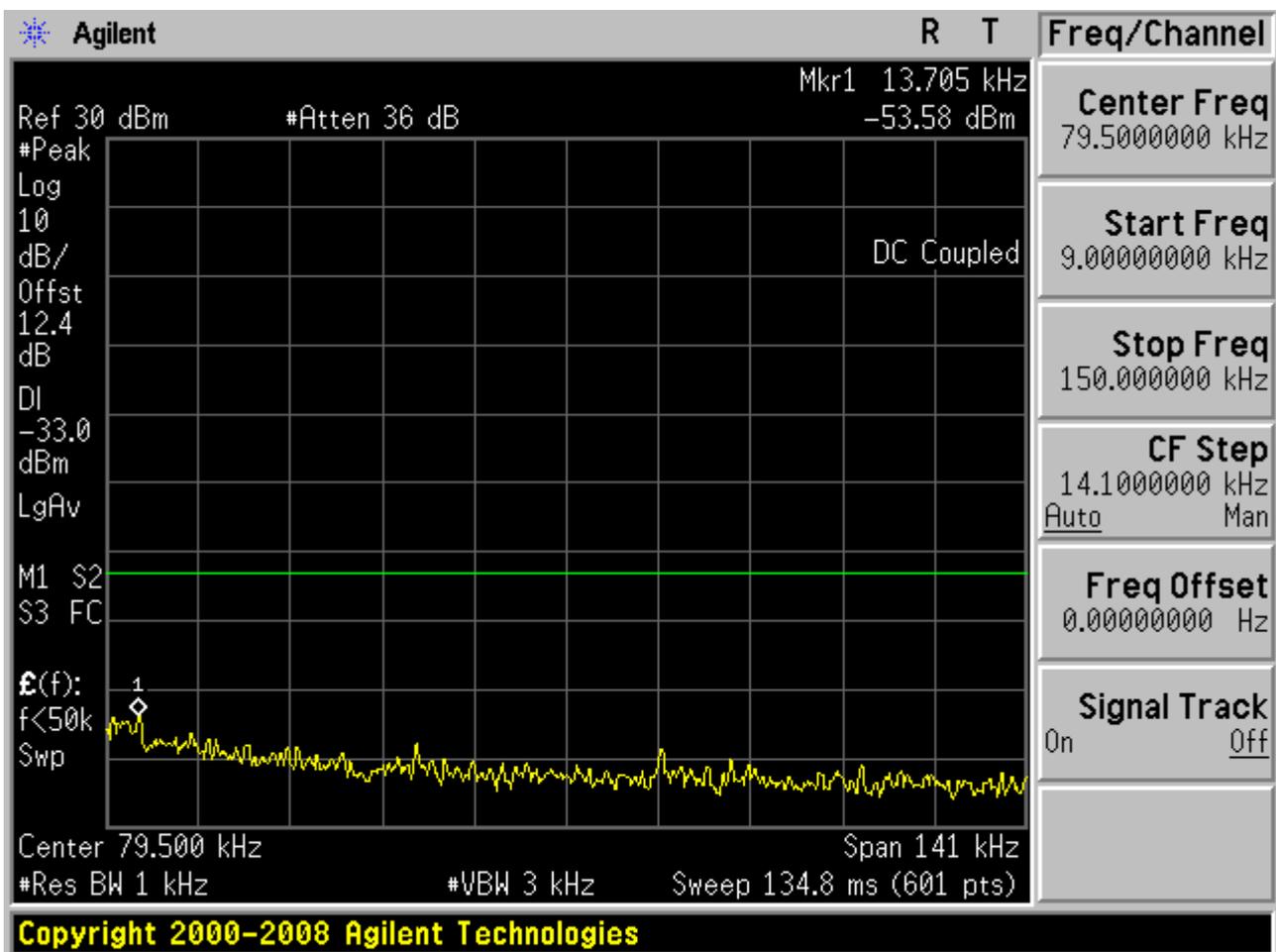
NOTE1: All relevant operation modes have been tested, and the 1RBs /RB#0 case data is included in this report.

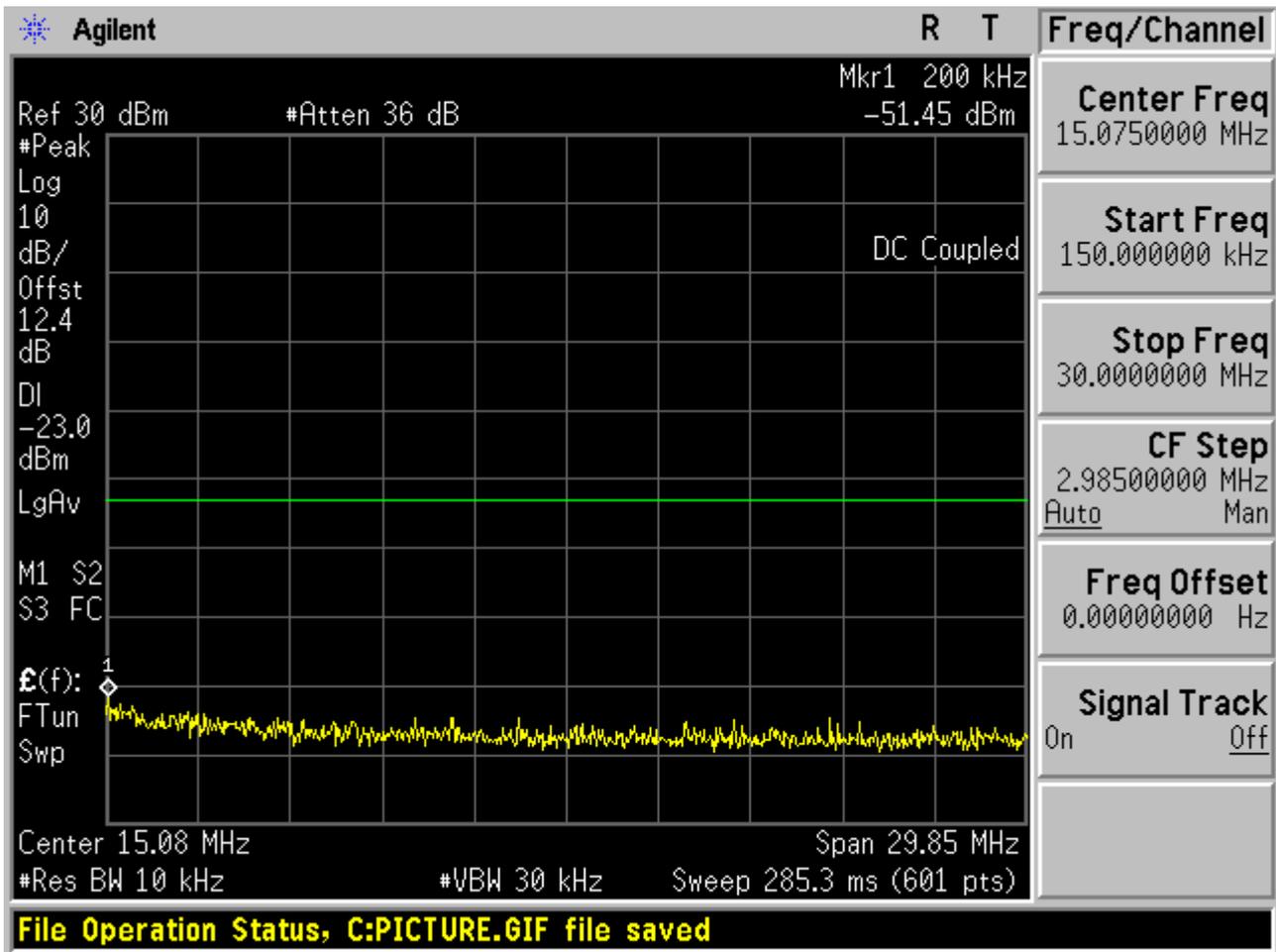
### 2.1 Test Mode=TM4

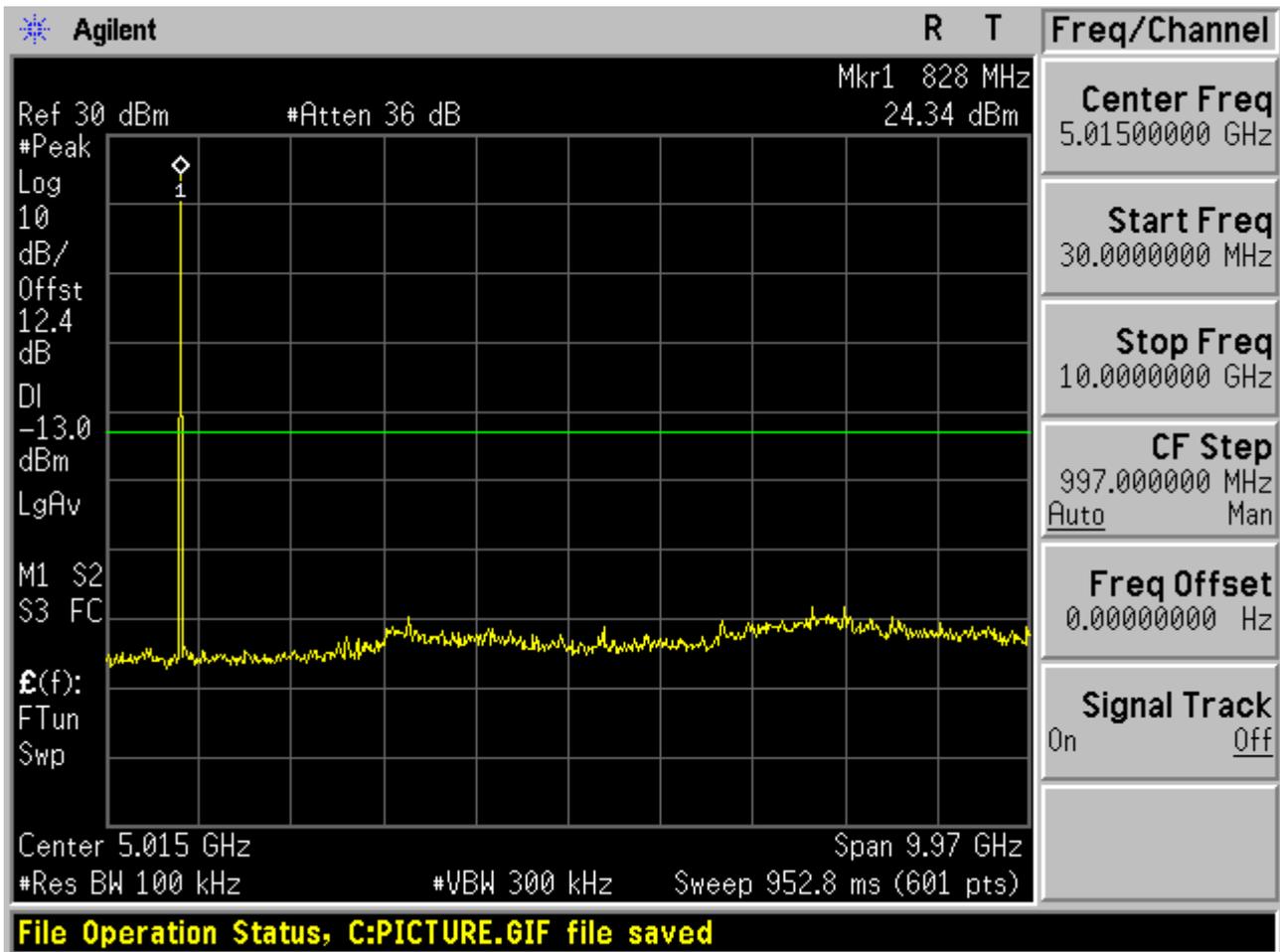
#### 2.1.1 Channel Bandwidth = 1.4 MHz

##### 2.1.1.1 Channel = B

##### 2.1.1.1.1 QPSK/1RBs /RB #0



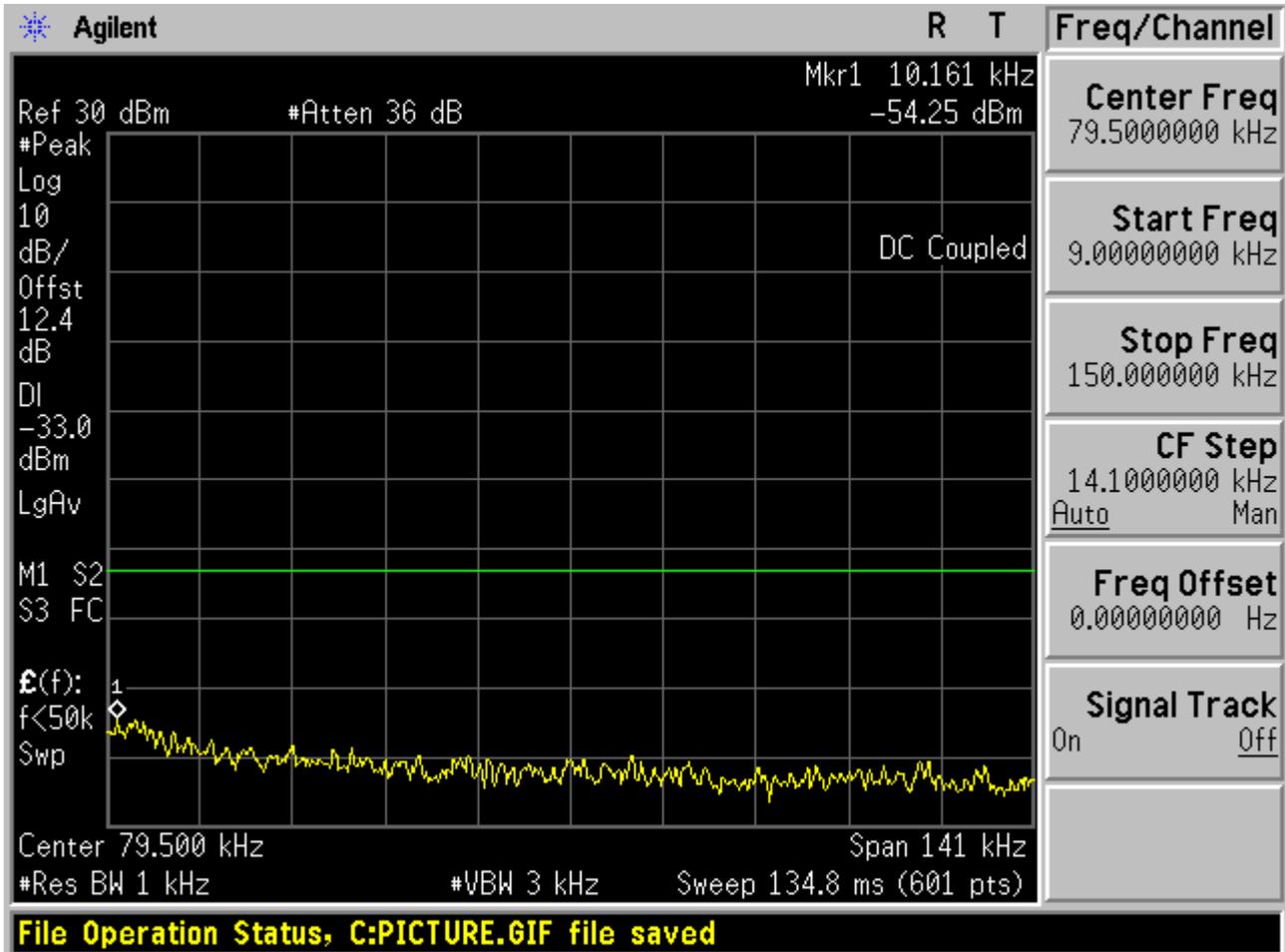


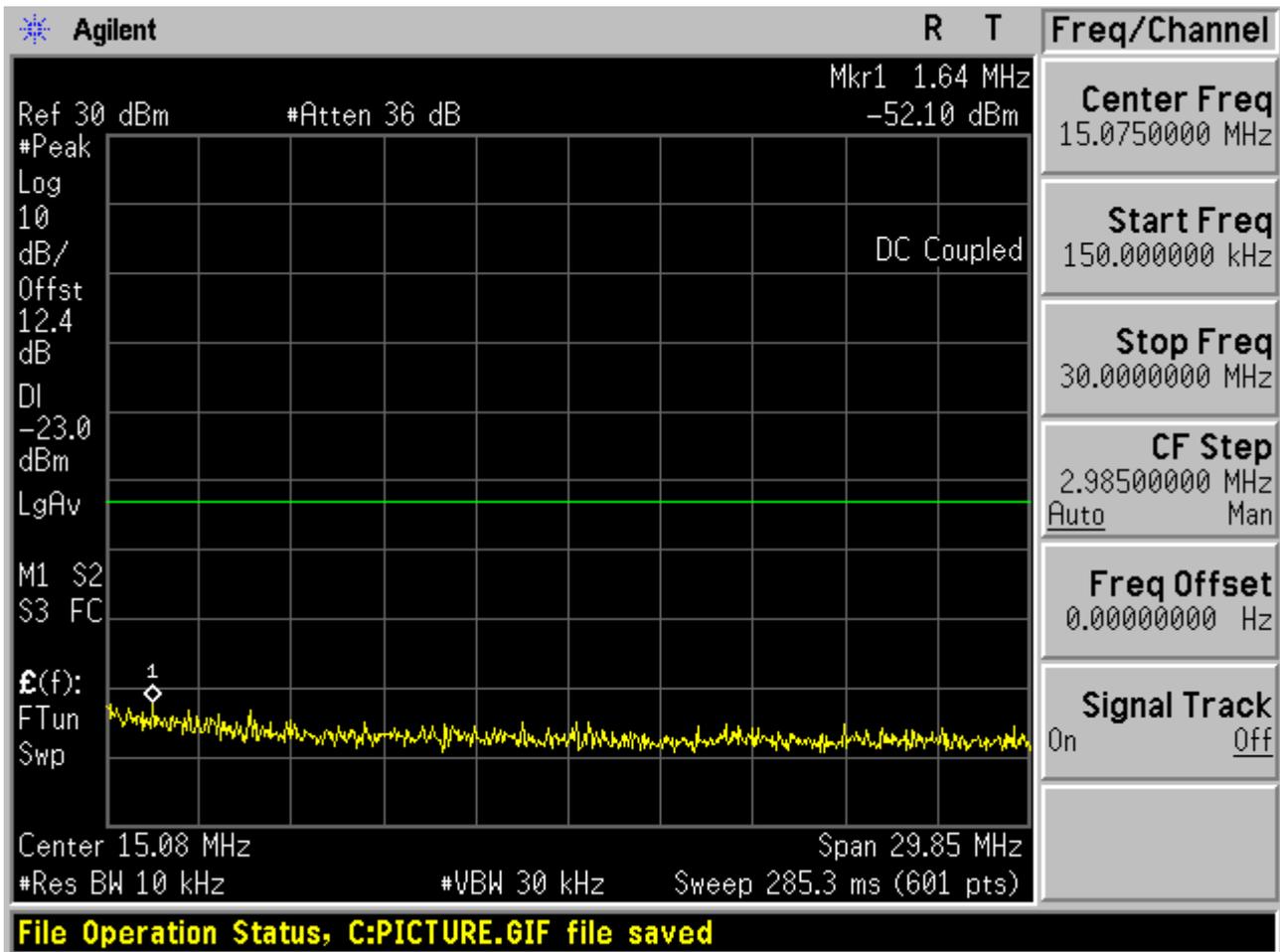


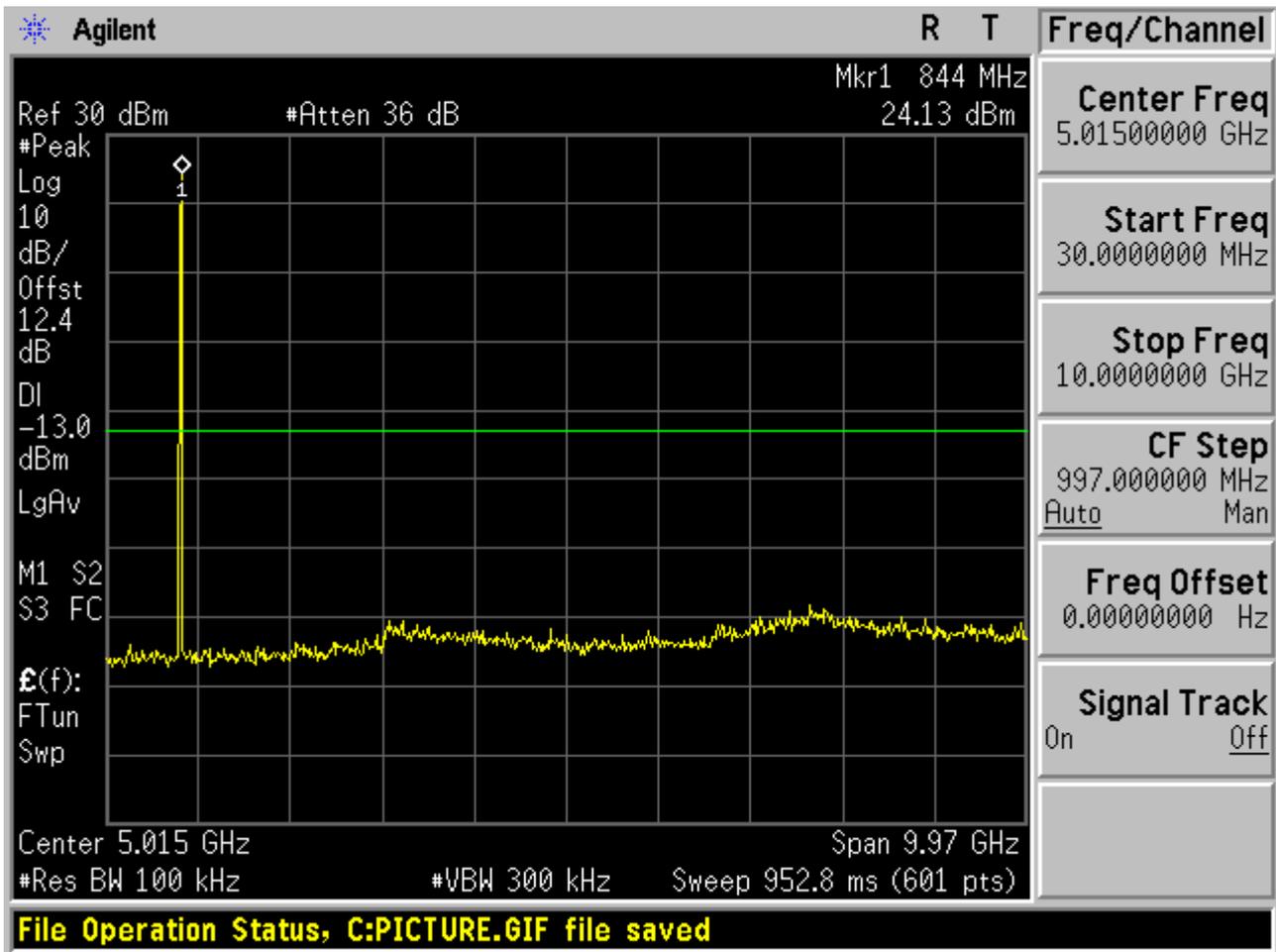


## 2.1.1.2 Channel = M

### 2.1.1.2.1 QPSK/1RBs /RB #0



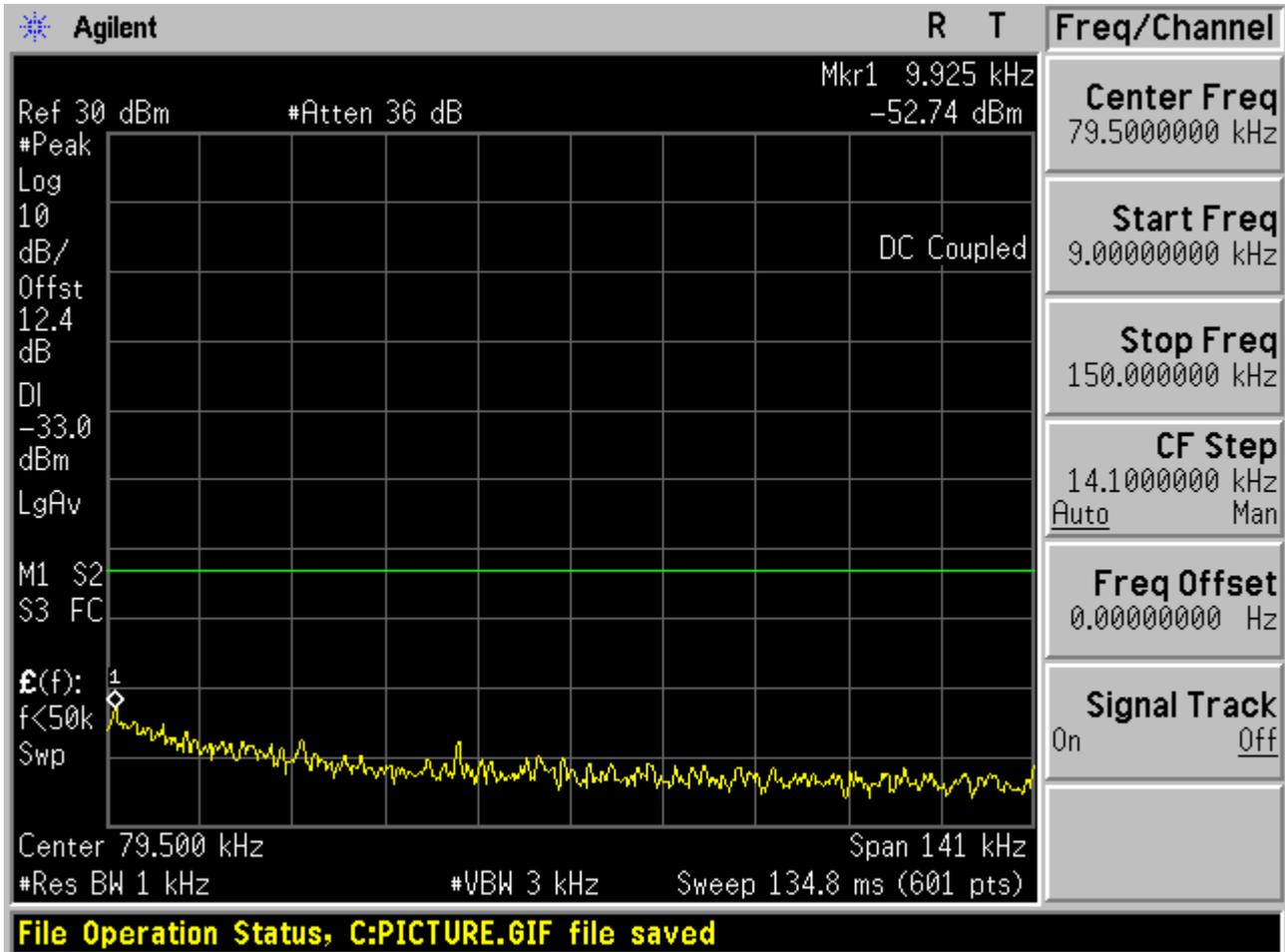


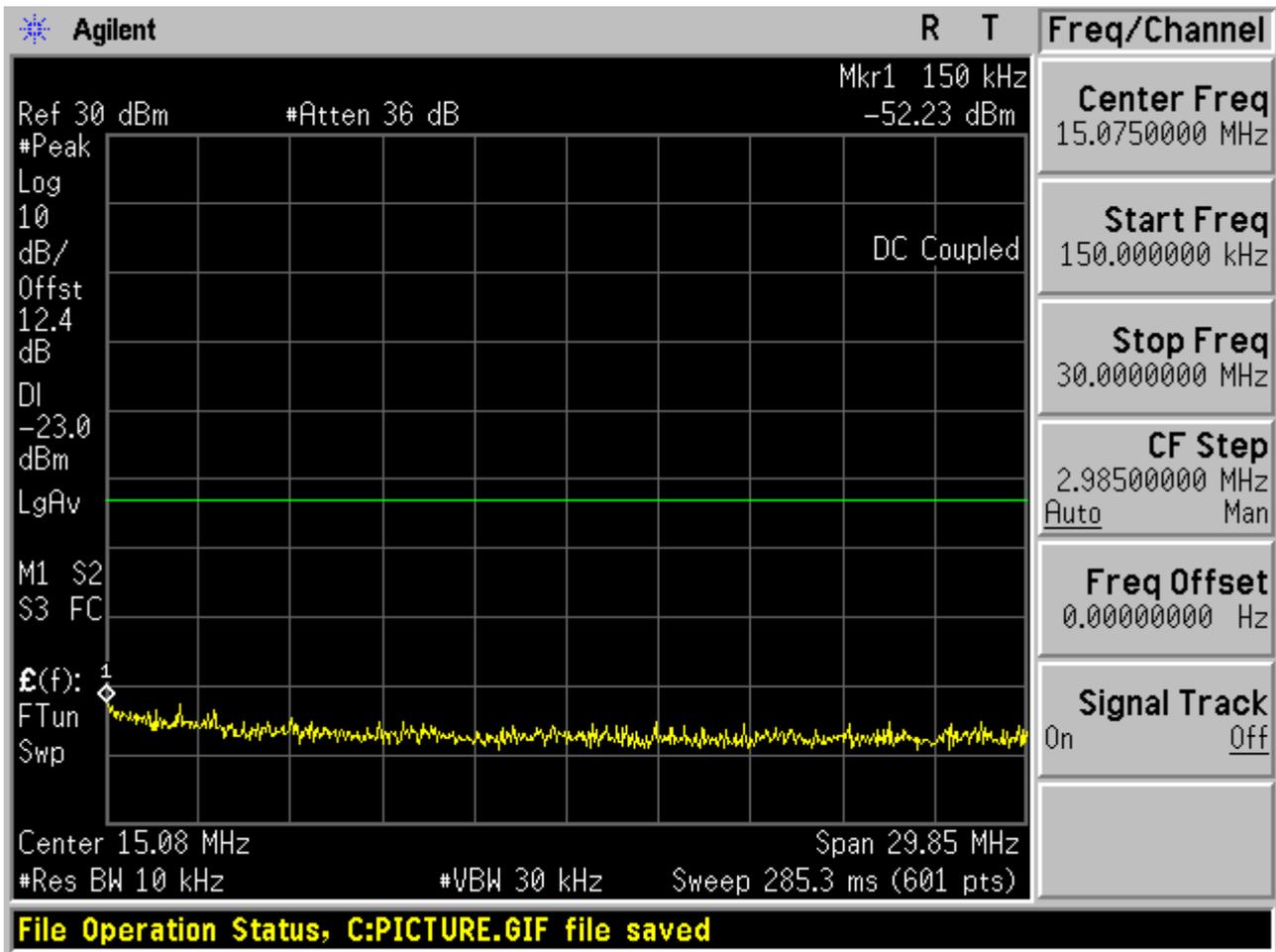


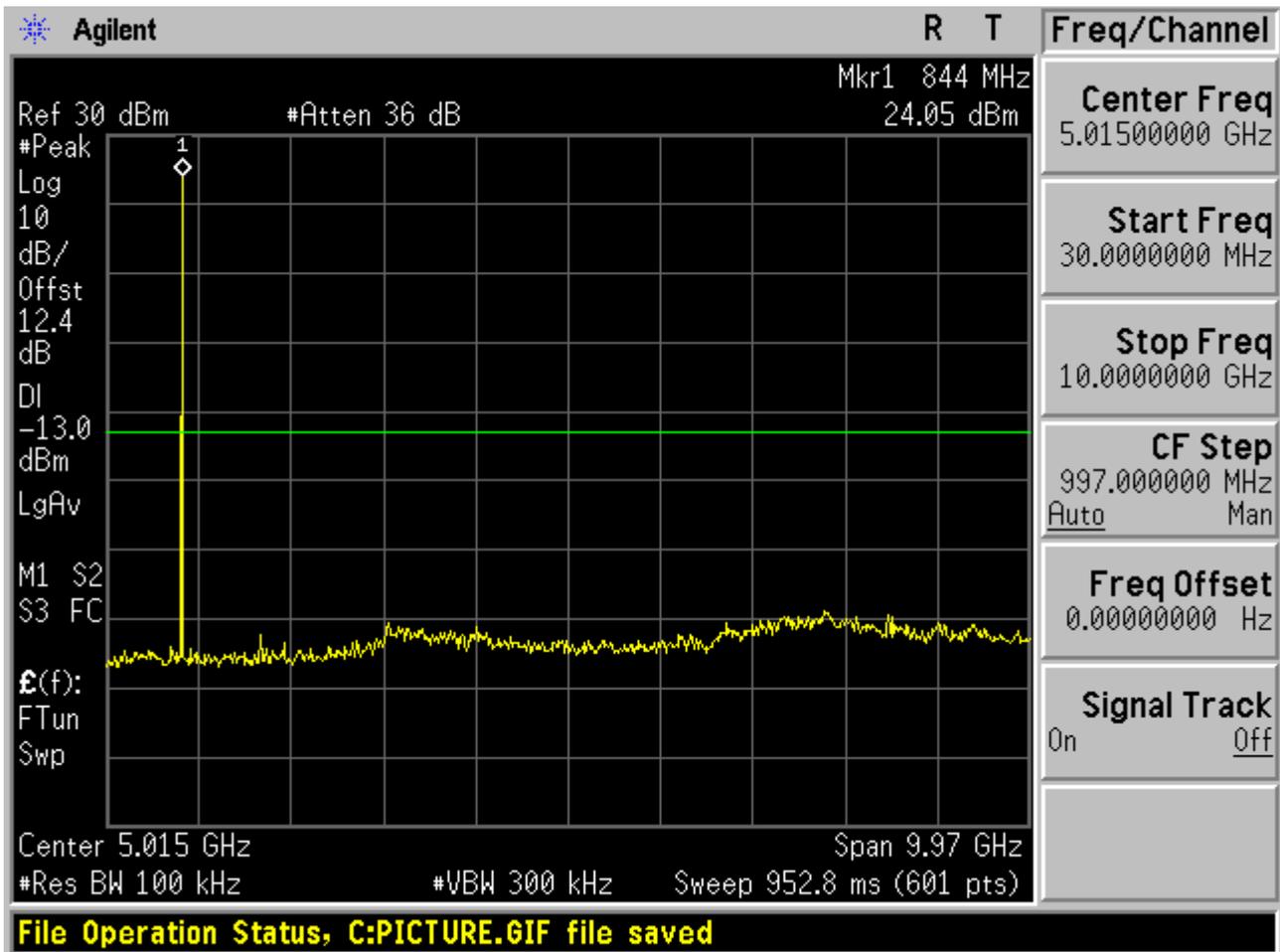


### 2.1.1.3 Channel = T

#### 2.1.1.3.1 QPSK/1RBs /RB #0





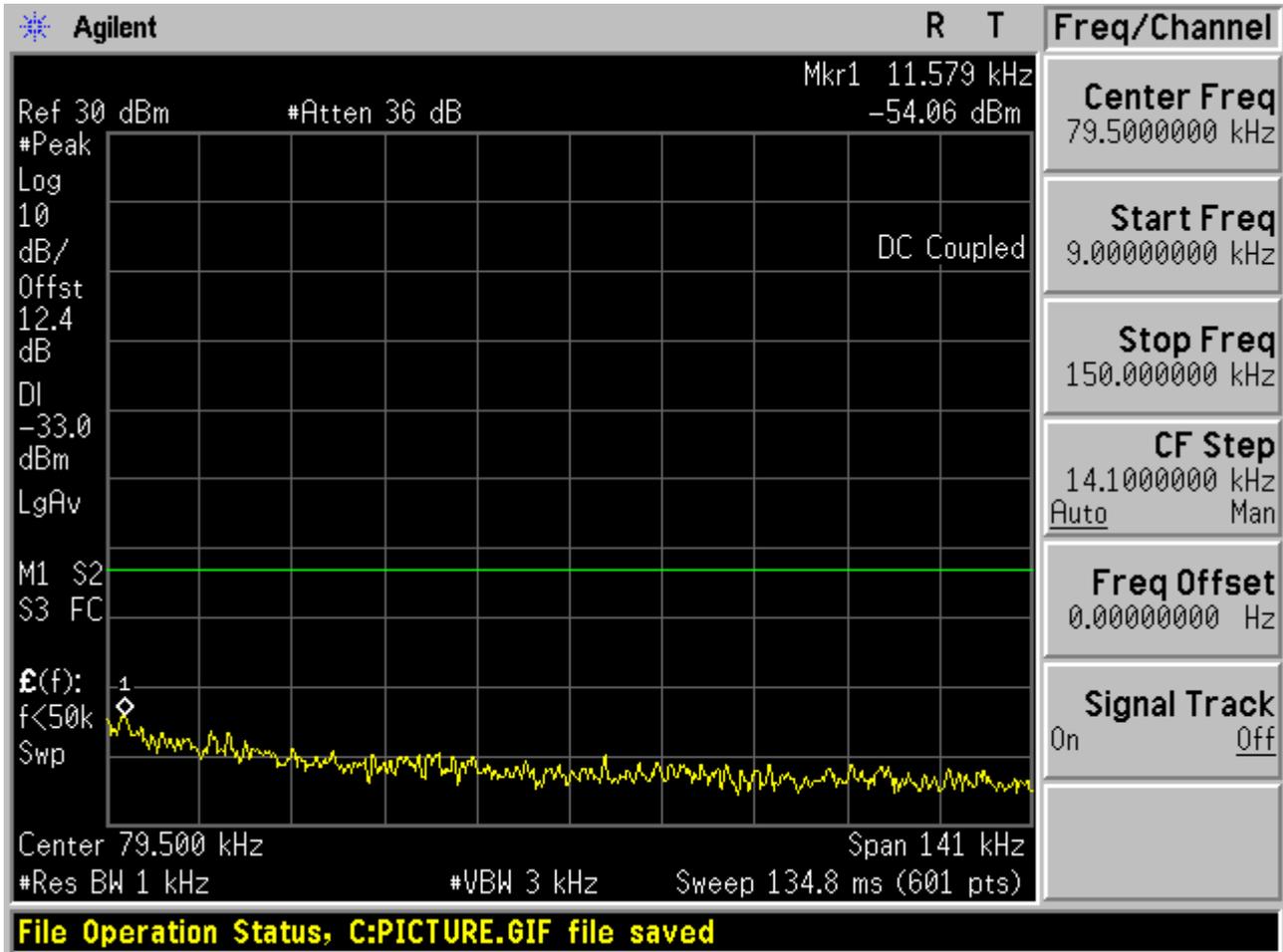


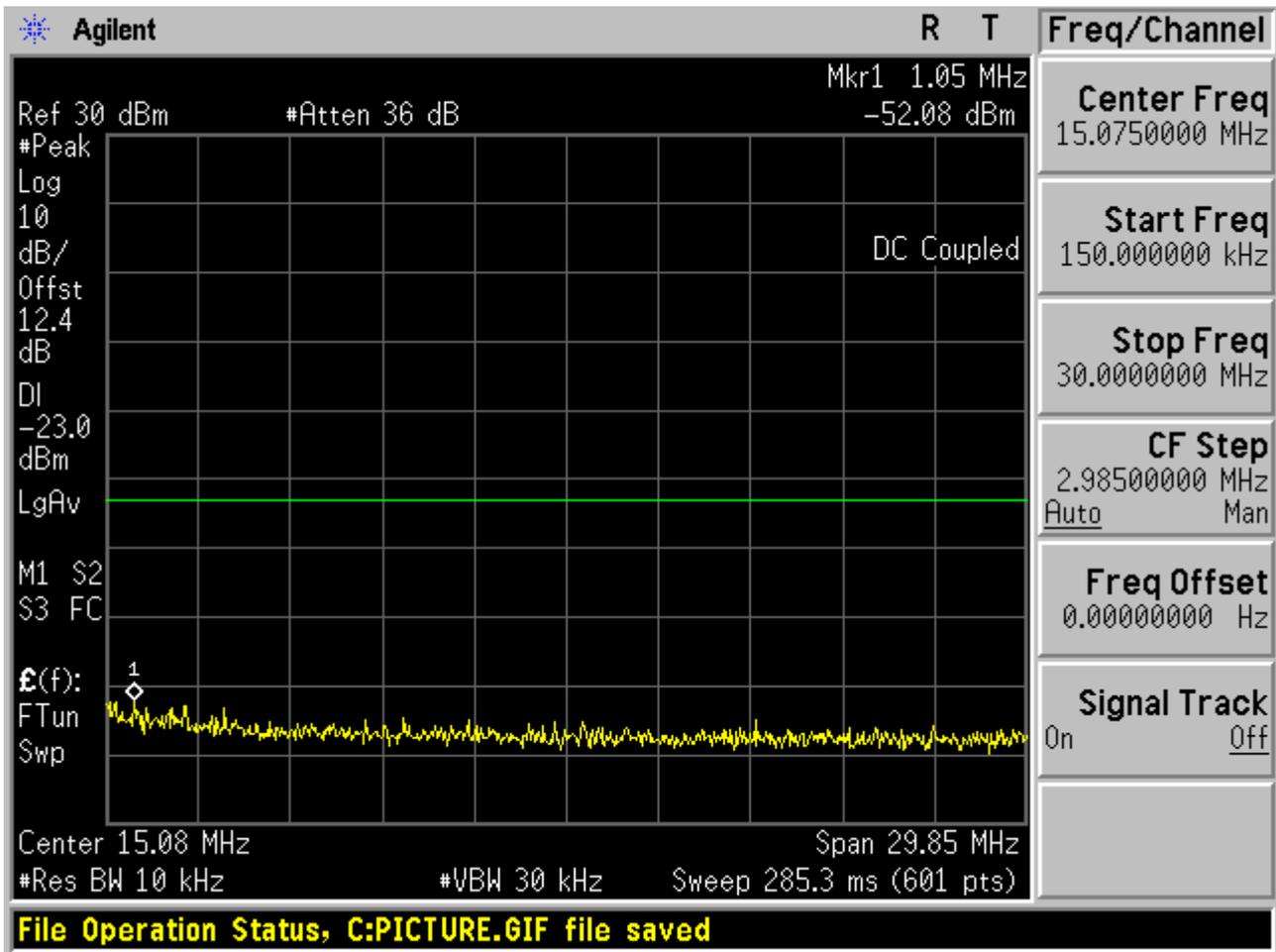


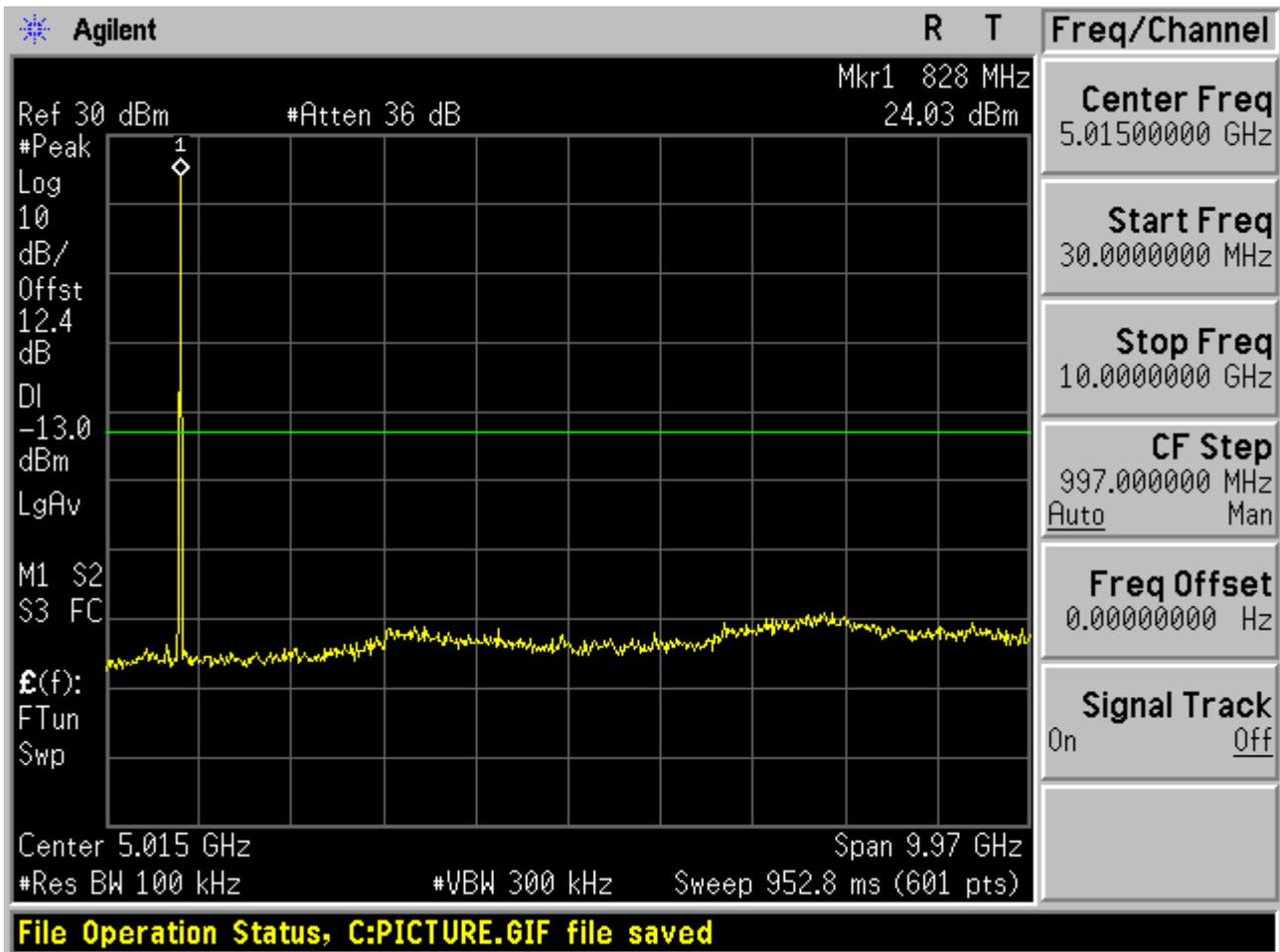
## 2.1.2 Channel Bandwidth = 3 MHz

### 2.1.2.1 Channel = B

#### 2.1.2.1.1 QPSK/1RBs /RB #0



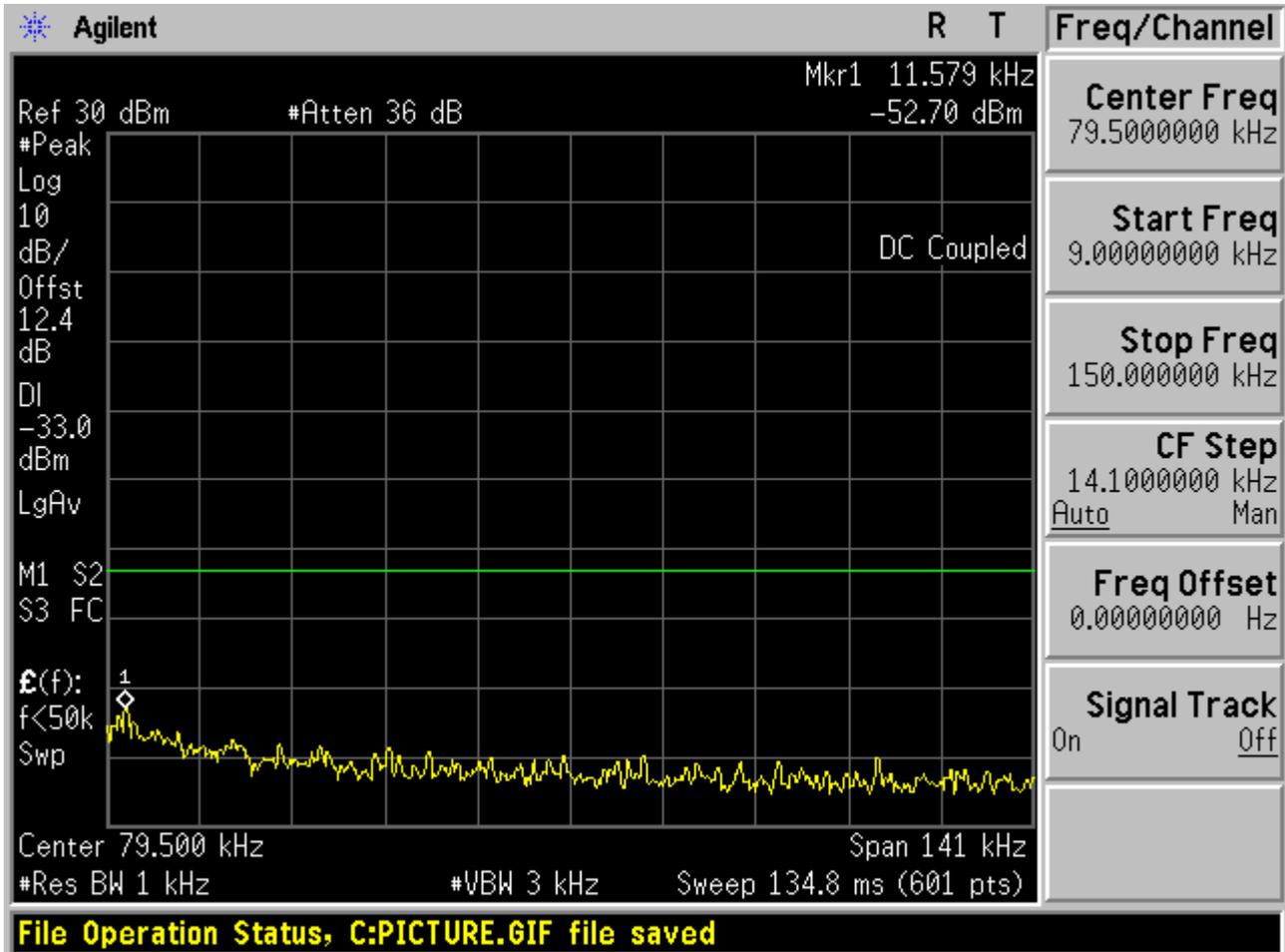


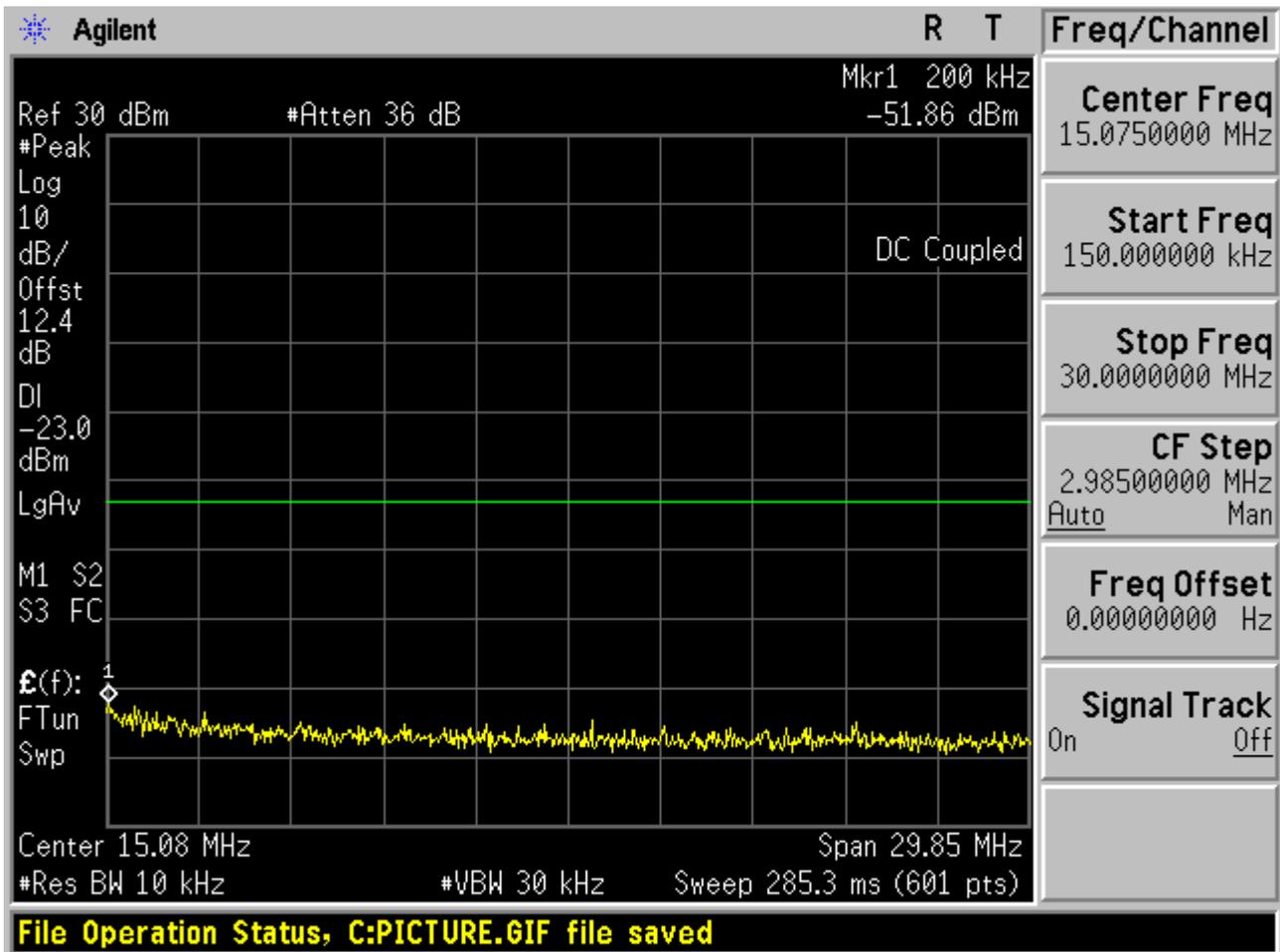


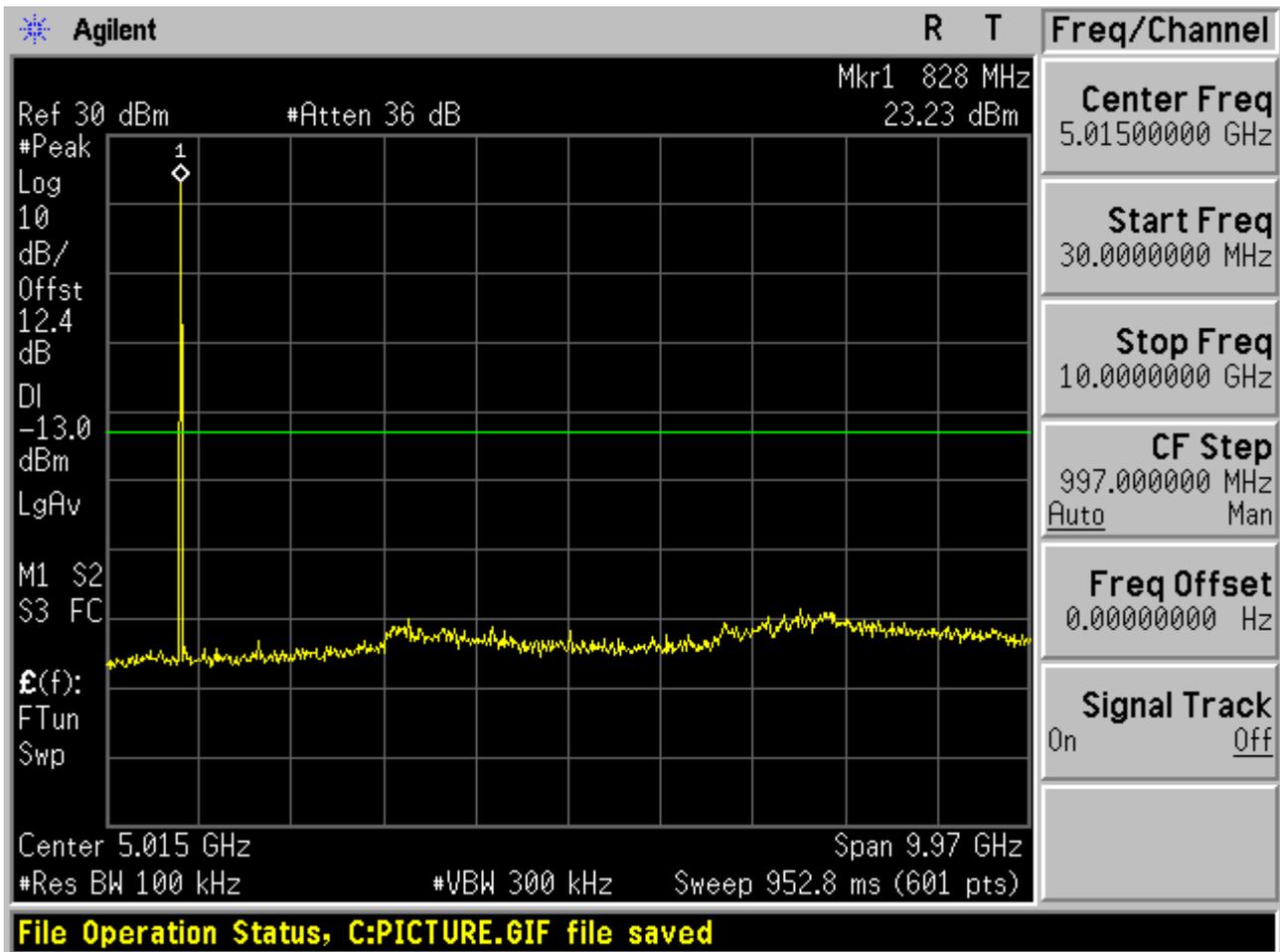


## 2.1.2.2 Channel = M

### 2.1.2.2.1 QPSK/1RBs /RB #0



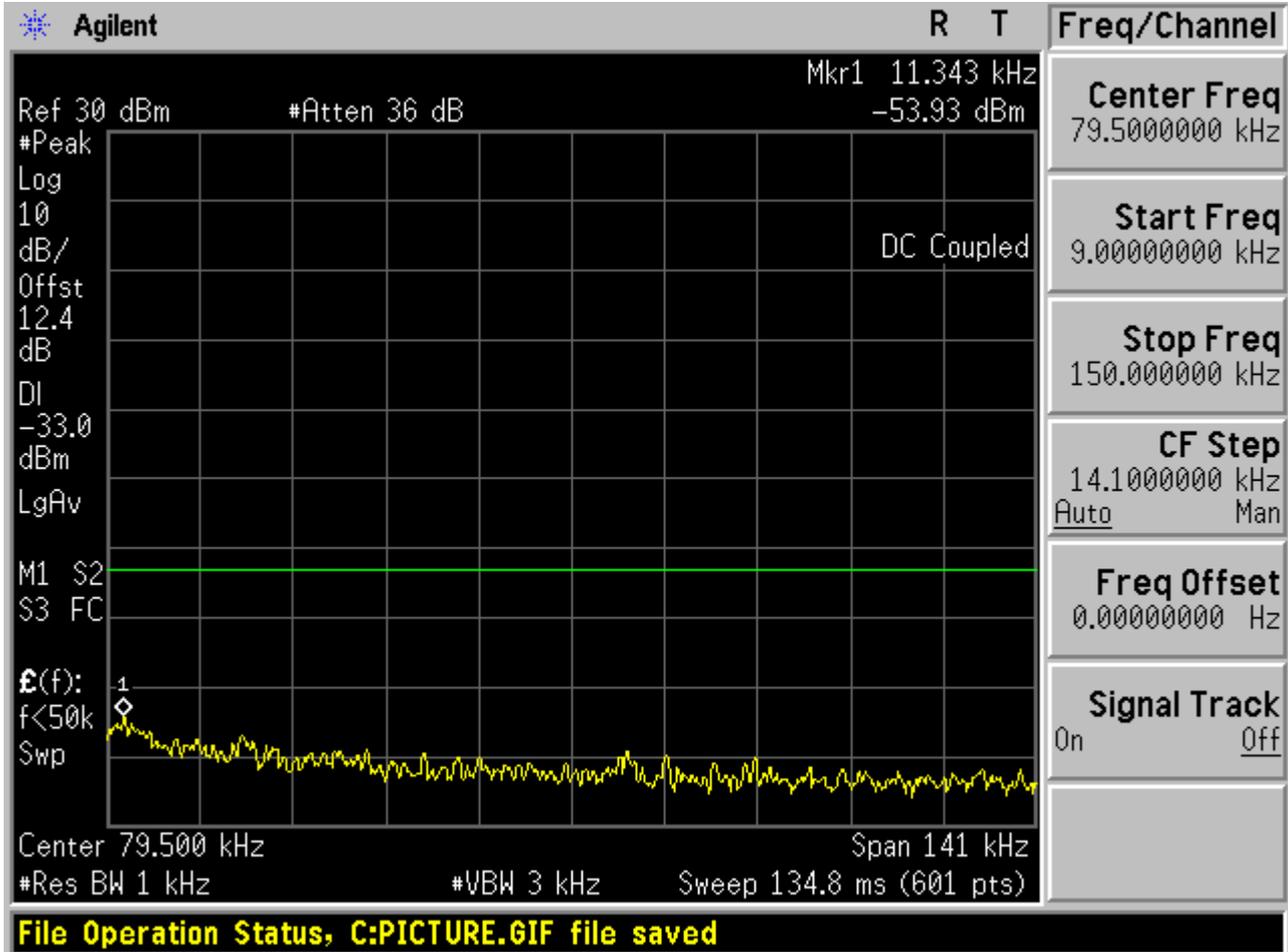


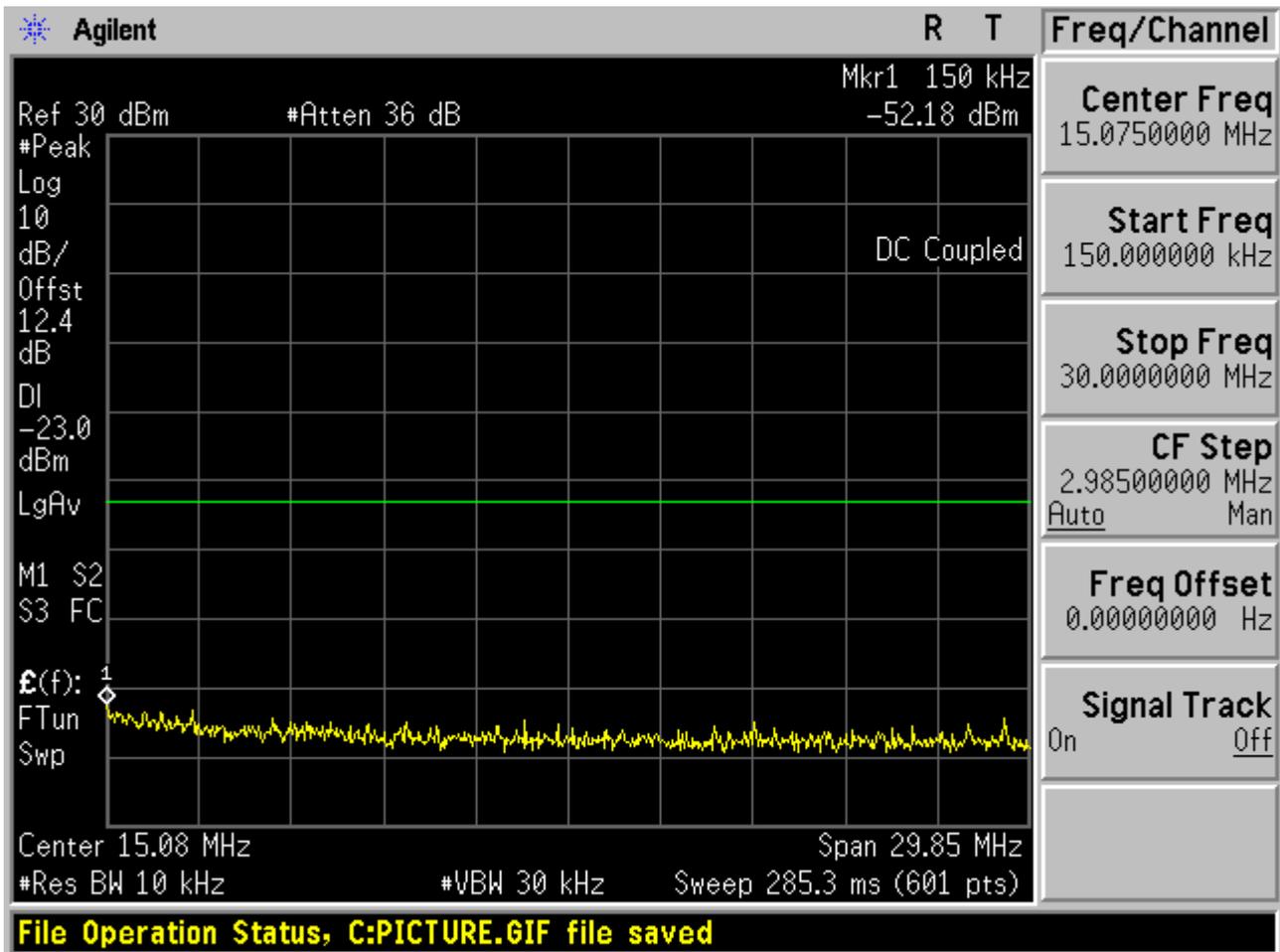


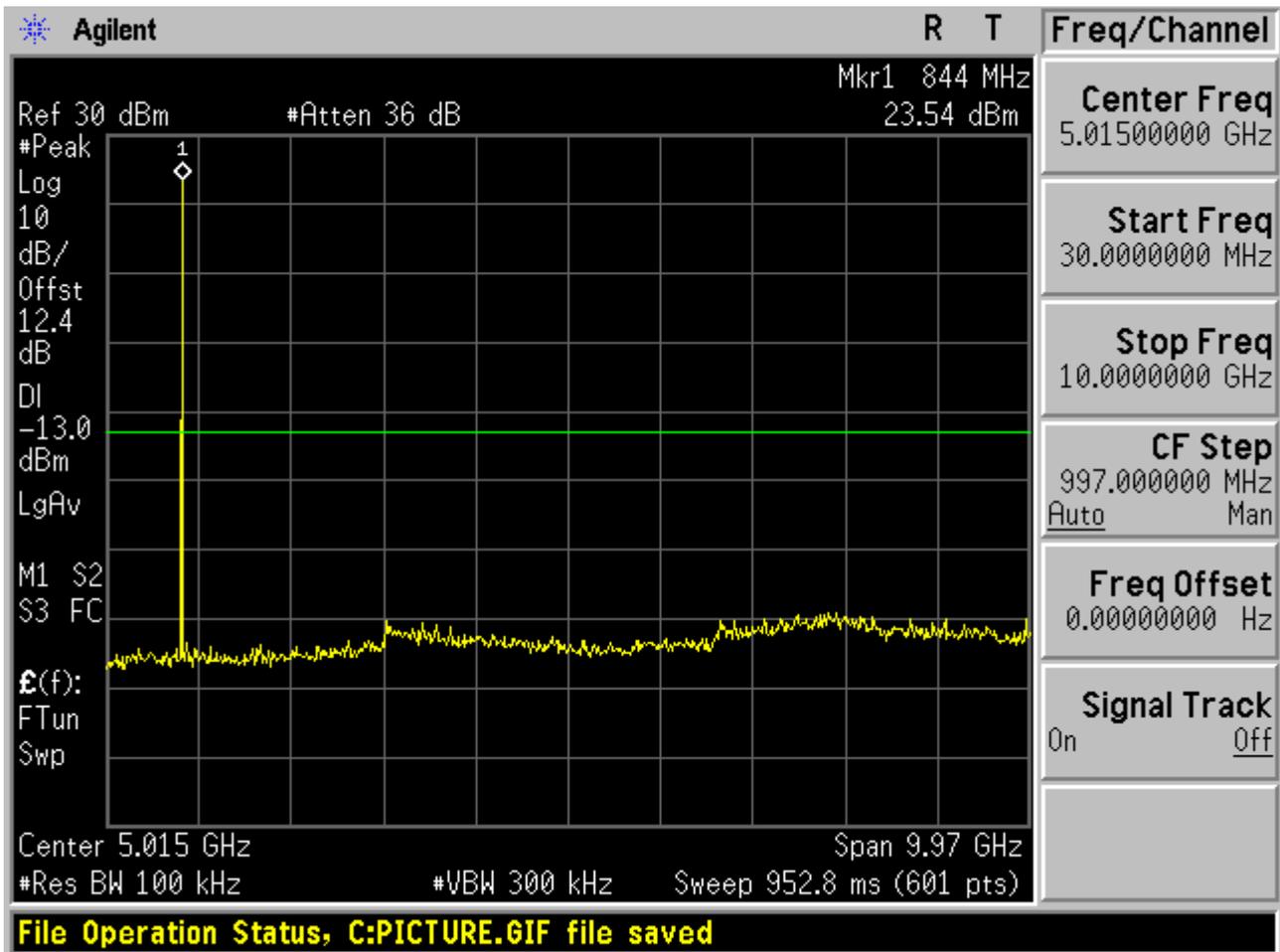


### 2.1.2.3 Channel = T

#### 2.1.2.3.1 QPSK/1RBs /RB #0





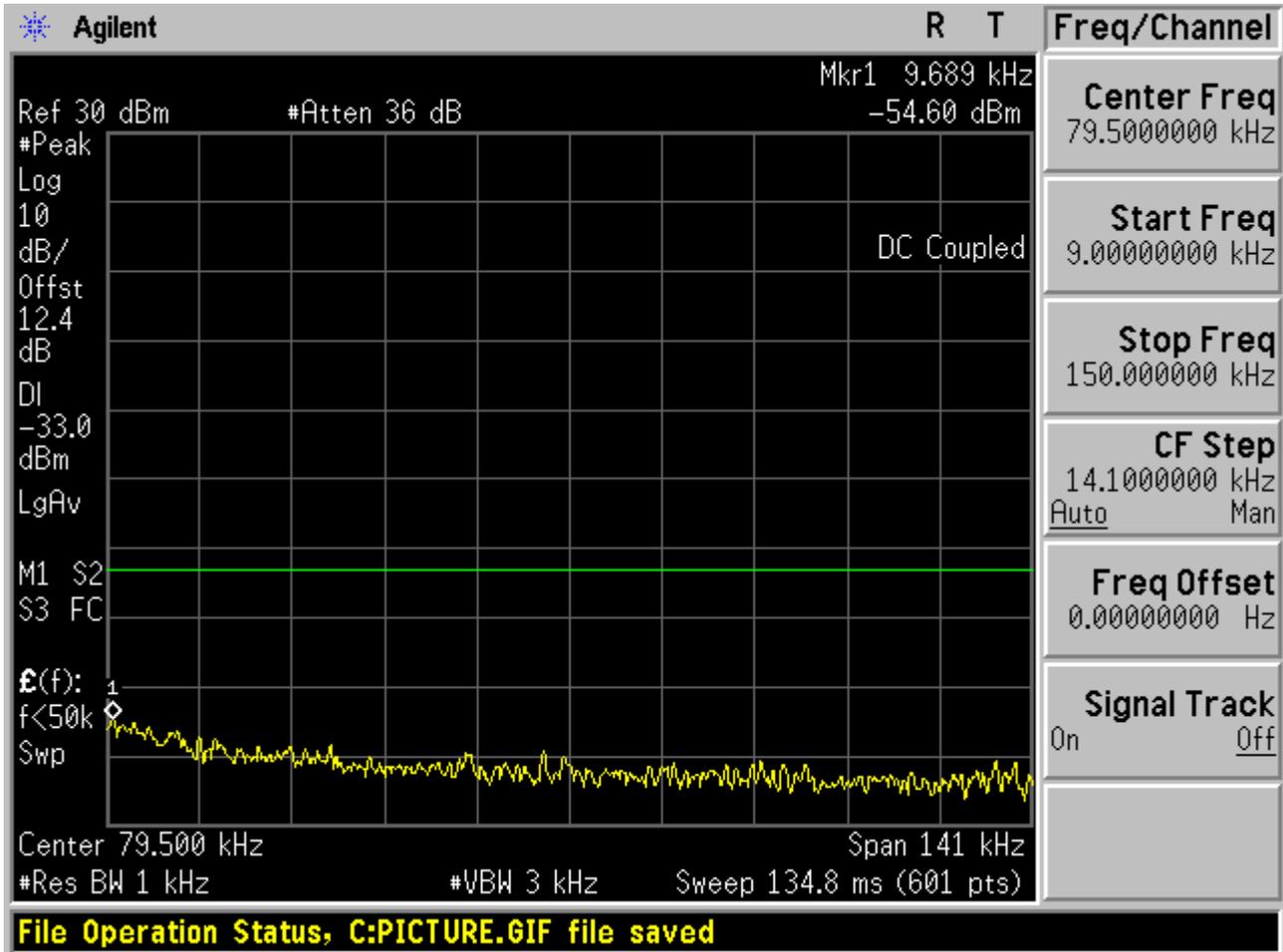


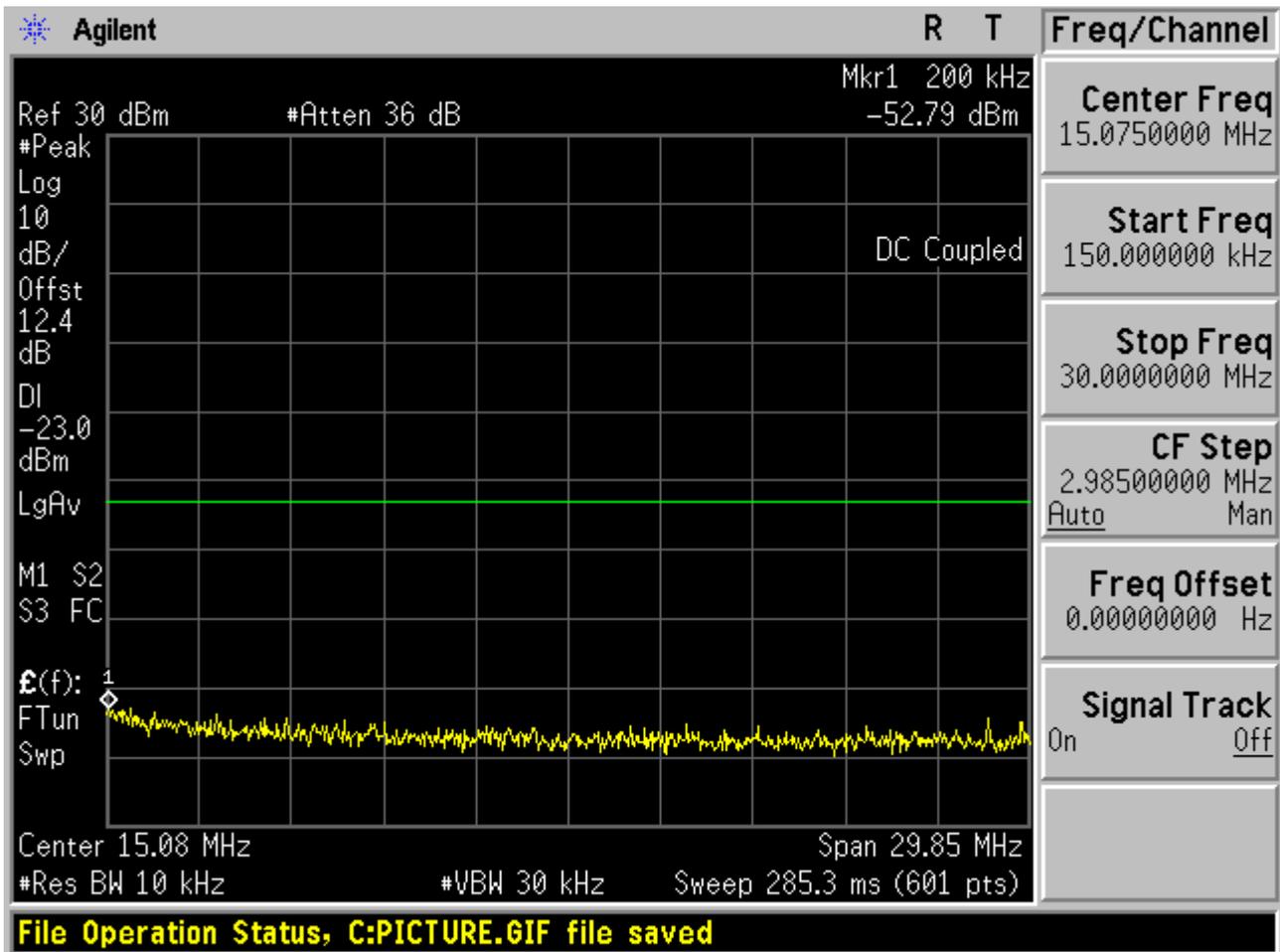


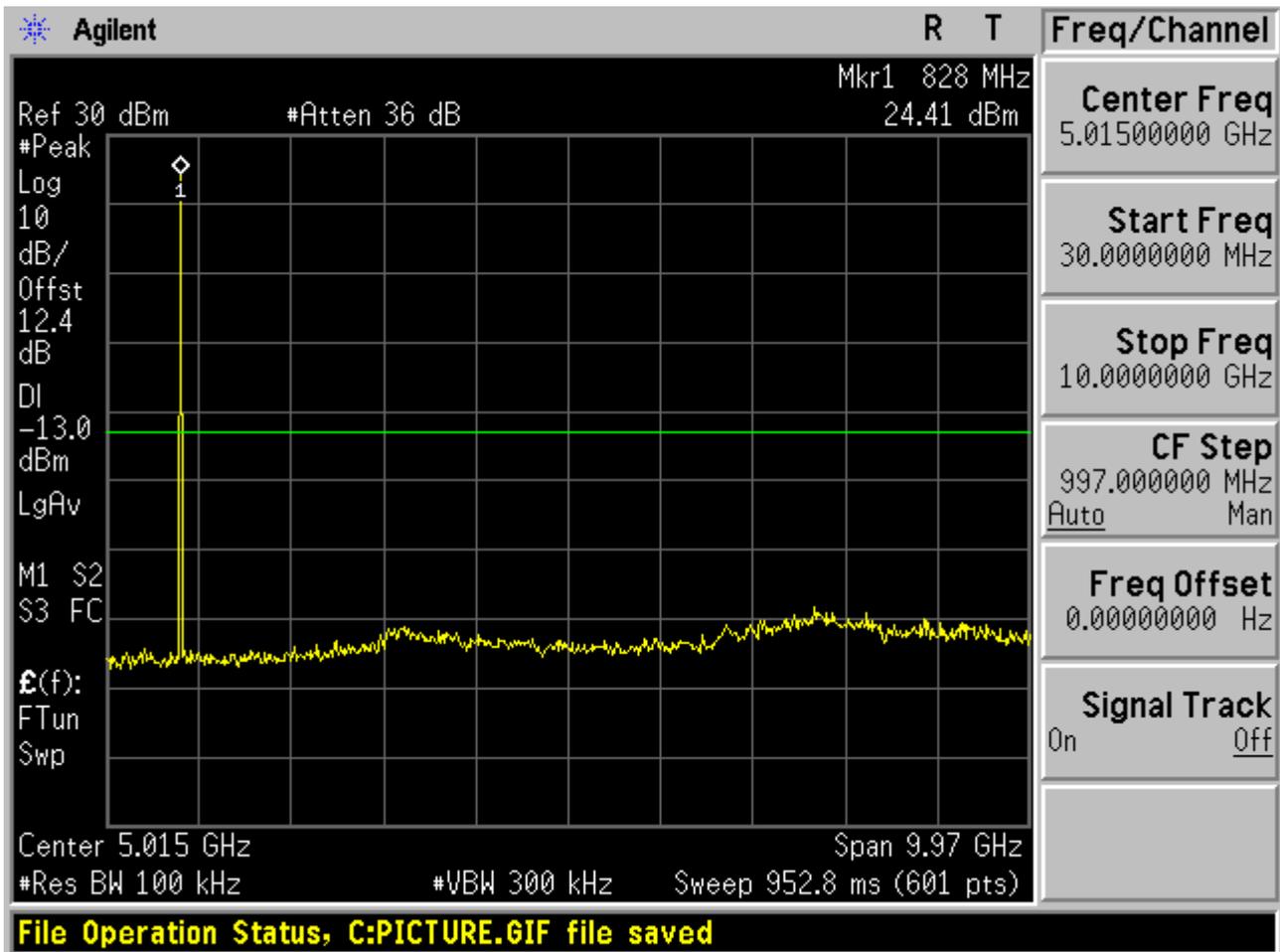
### 2.1.3 Channel Bandwidth = 5 MHz

#### 2.1.3.1 Channel = B

##### 2.1.3.1.1 QPSK/1RBs /RB #0



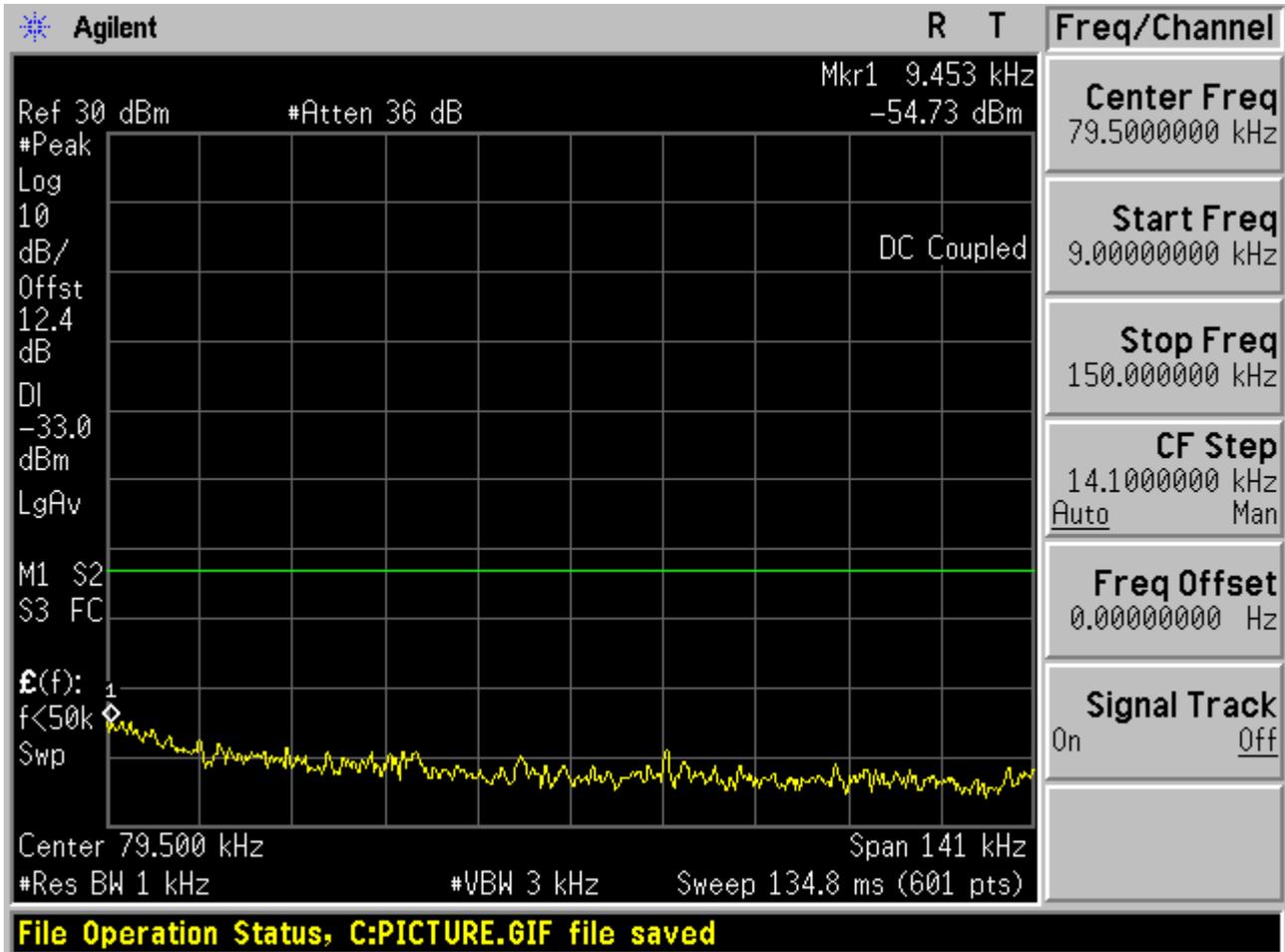


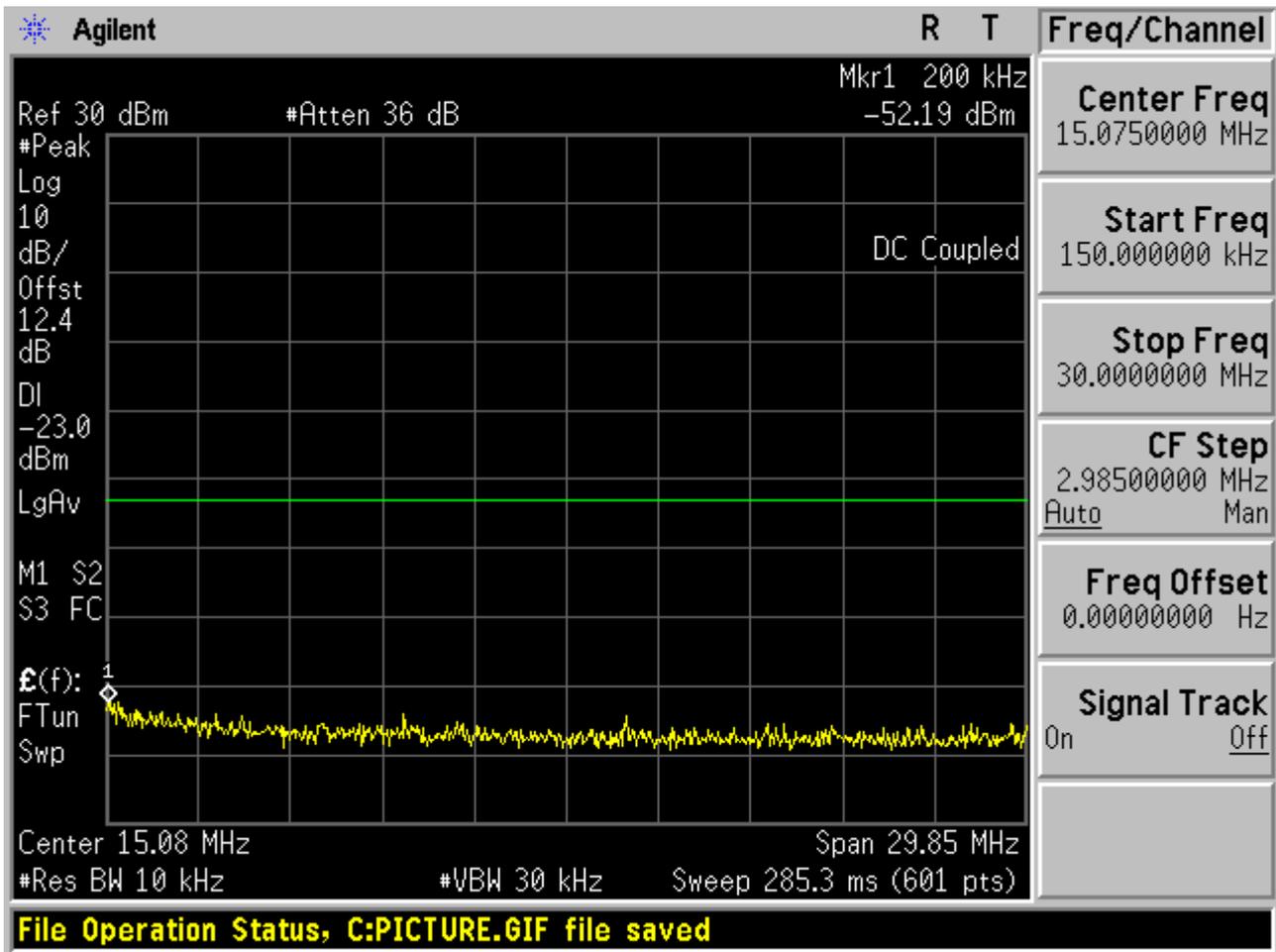


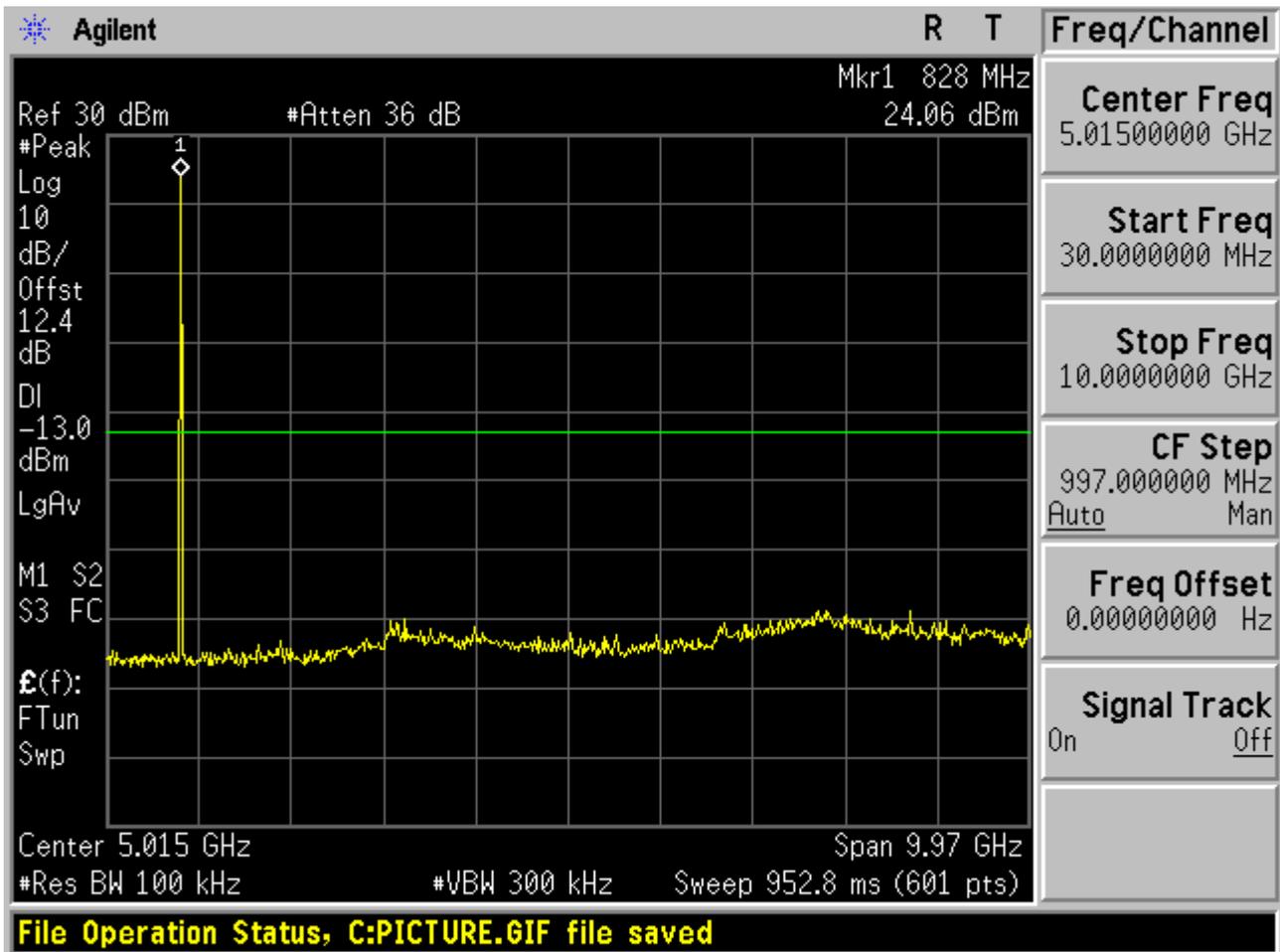


### 2.1.3.2 Channel = M

#### 2.1.3.2.1 QPSK/1RBs /RB #0



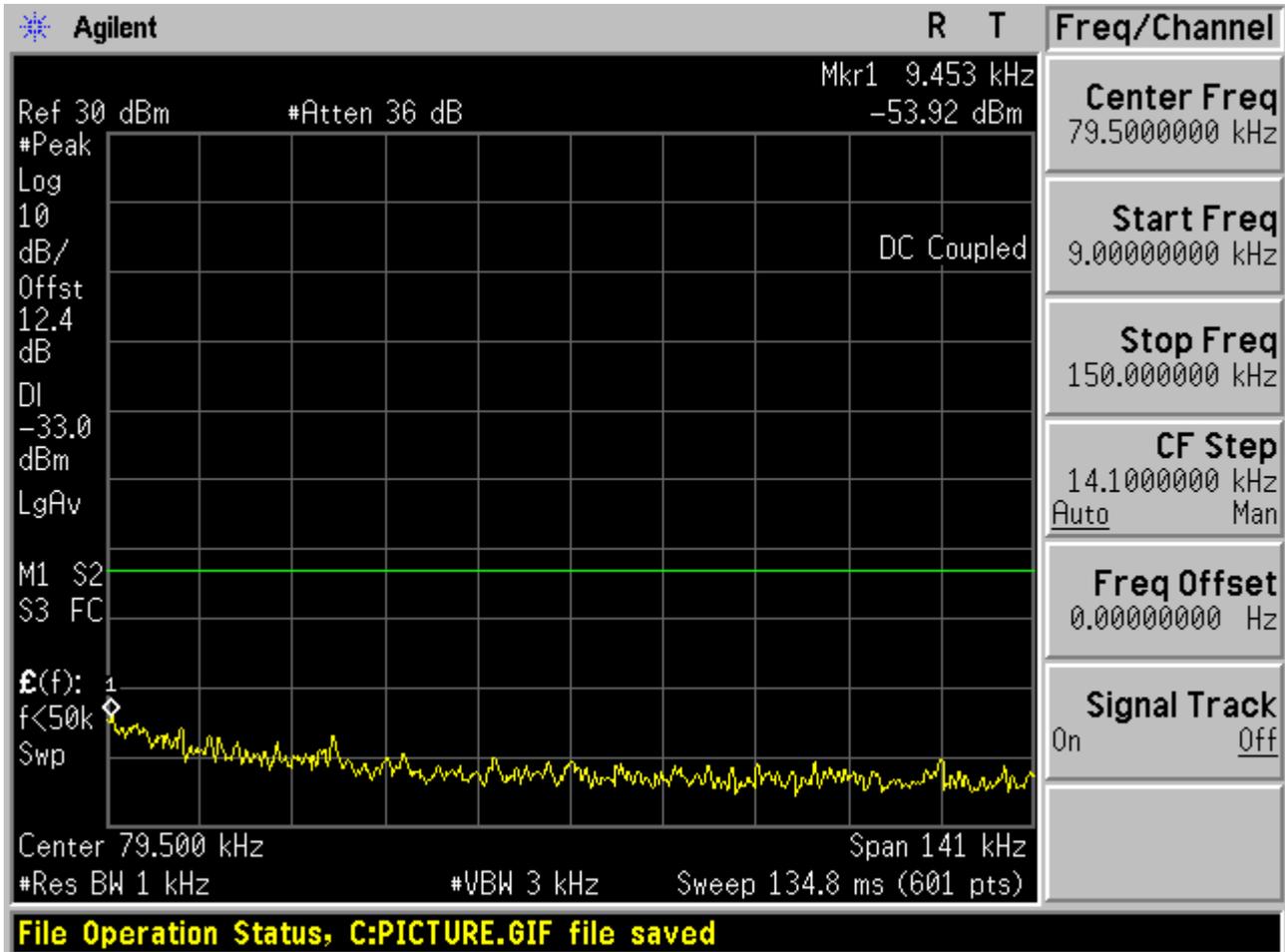


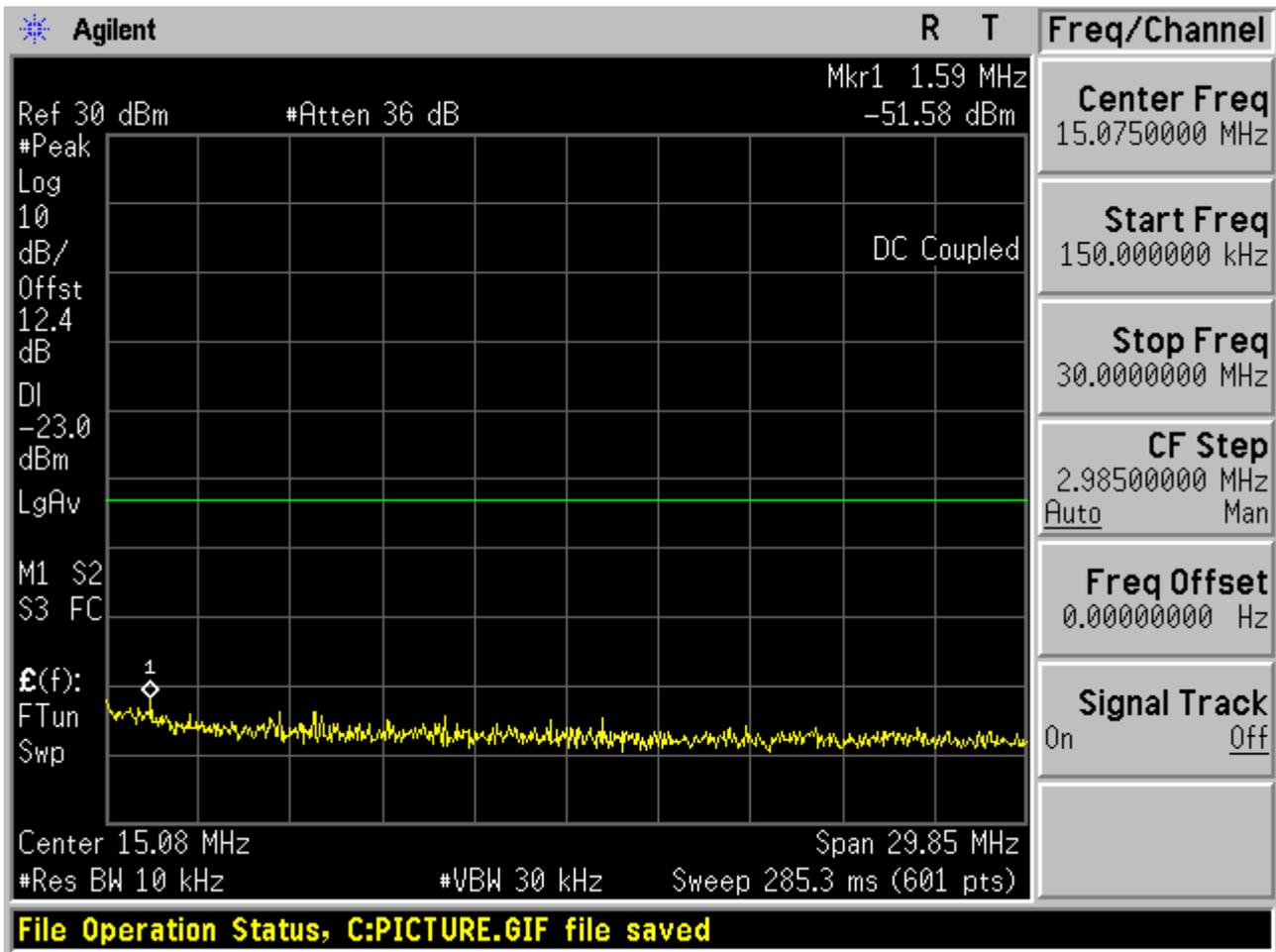


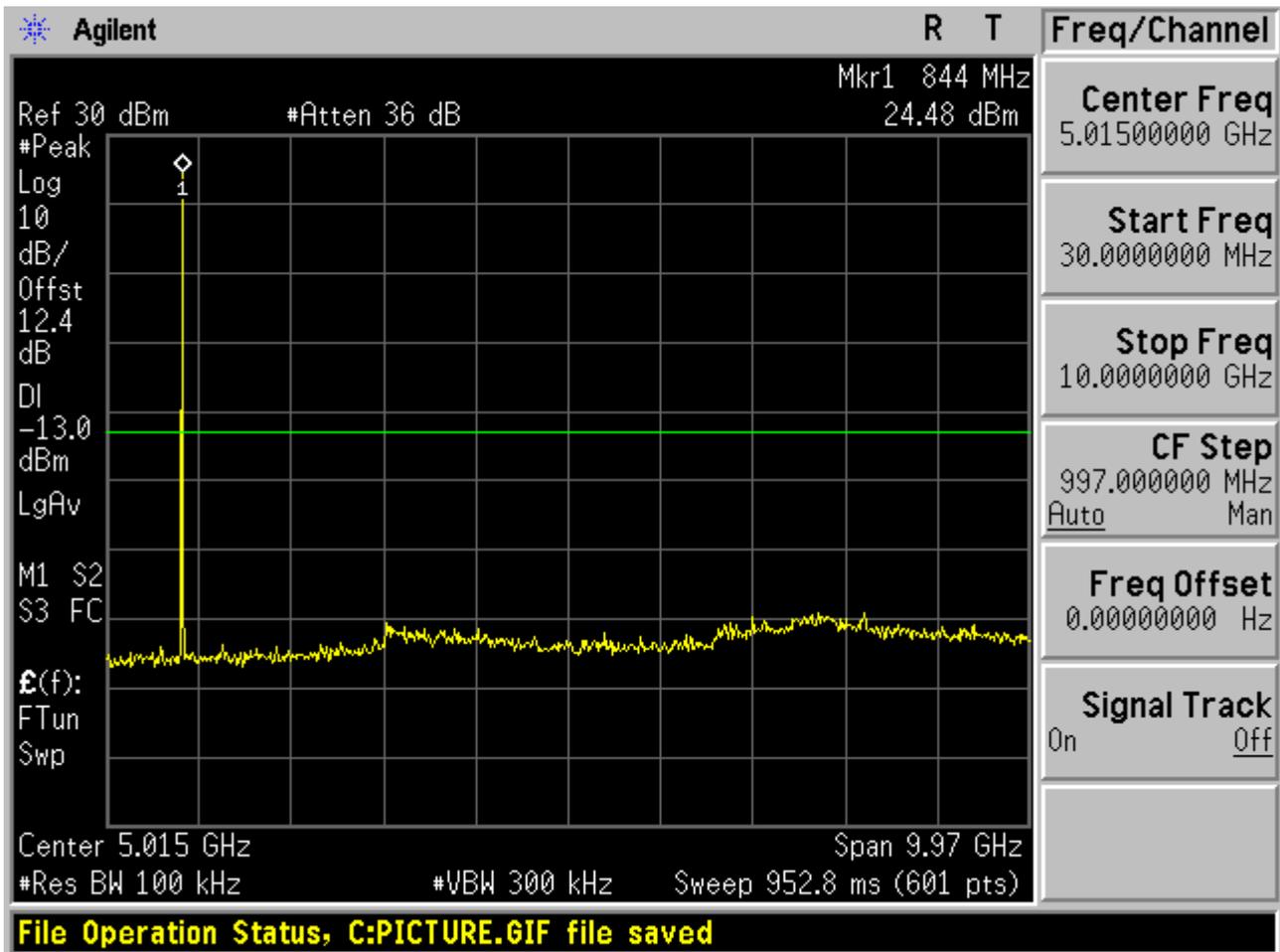


### 2.1.3.3 Channel = T

#### 2.1.3.3.1 QPSK/1RBs /RB #0





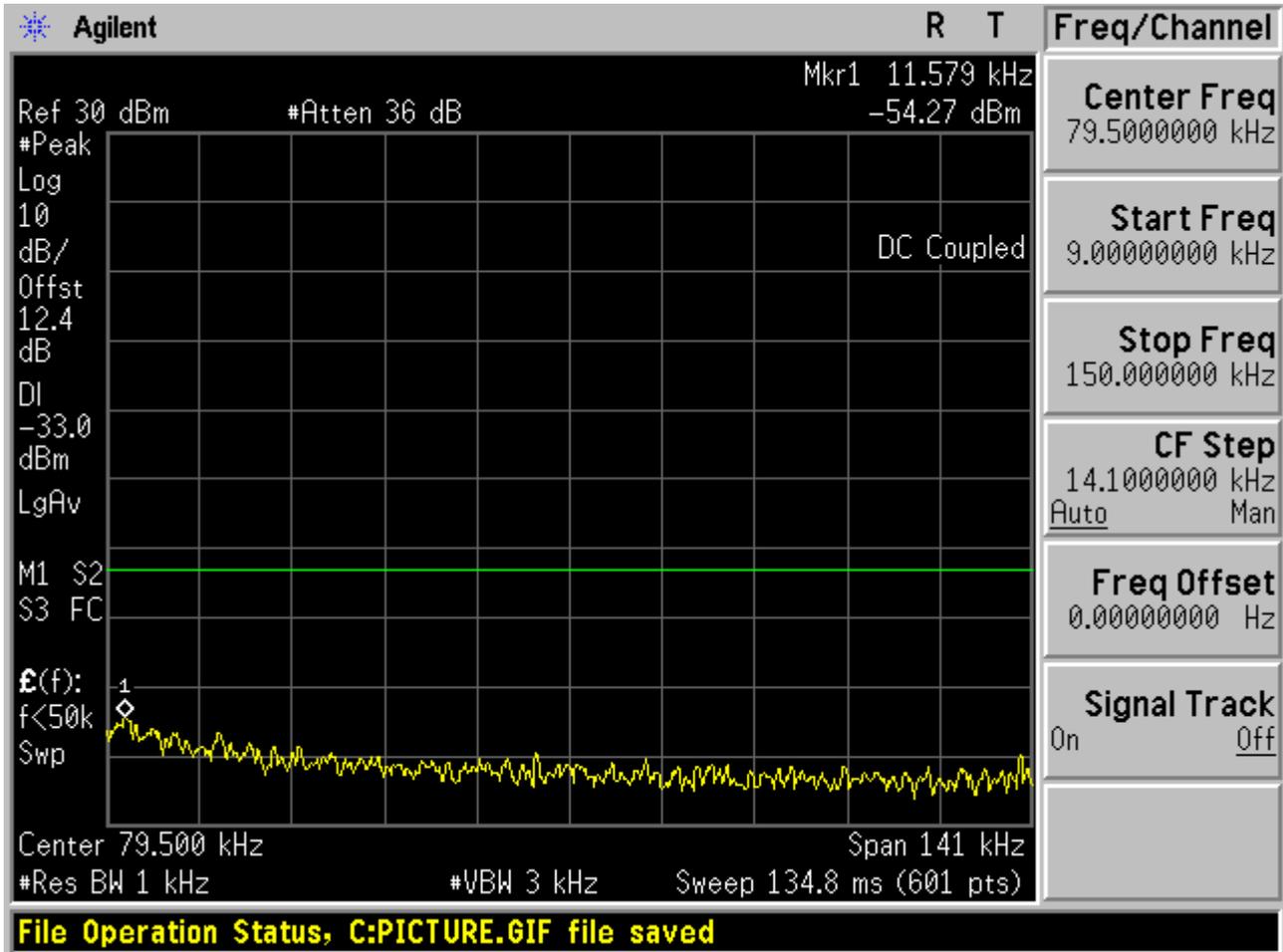


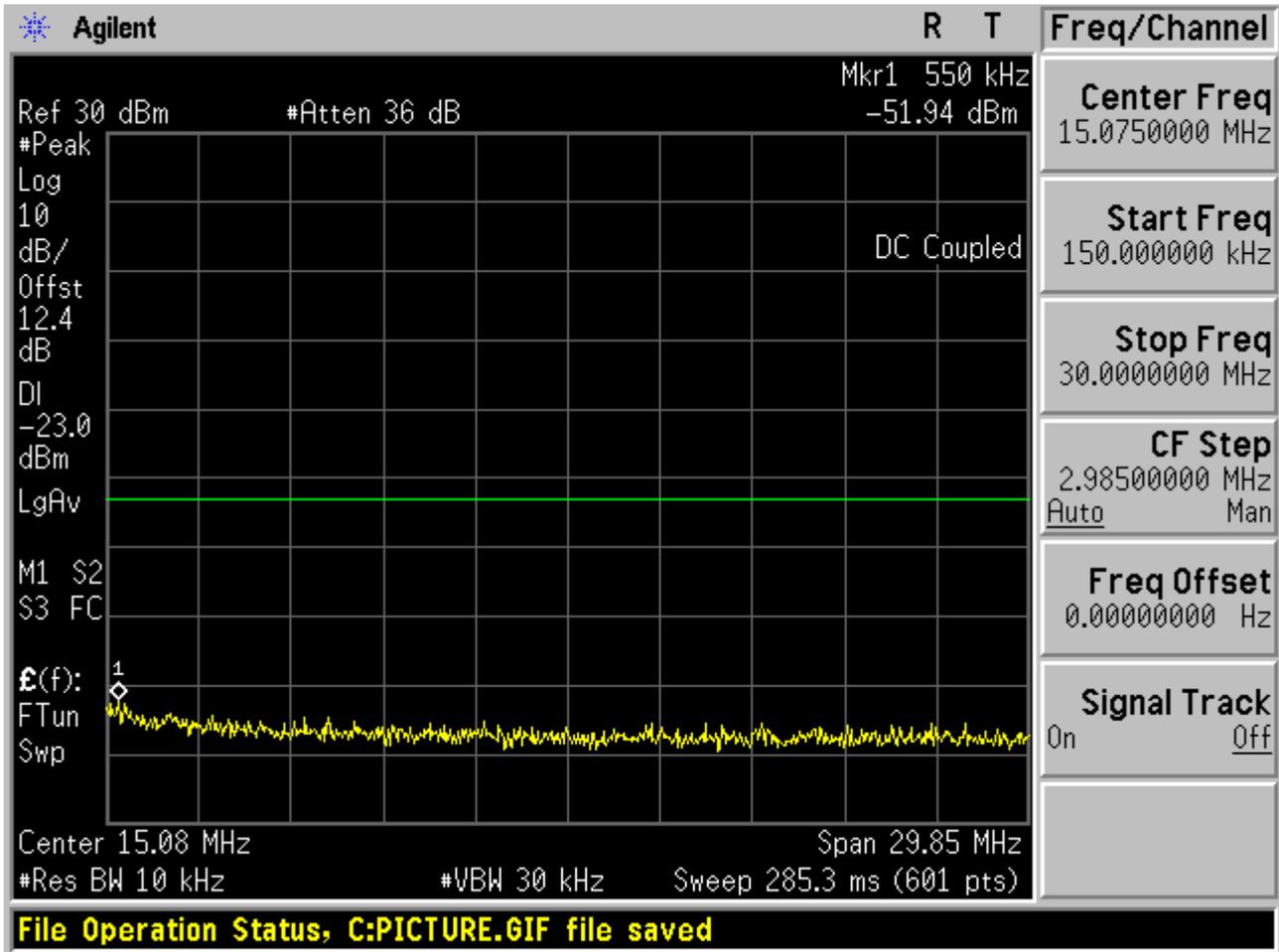


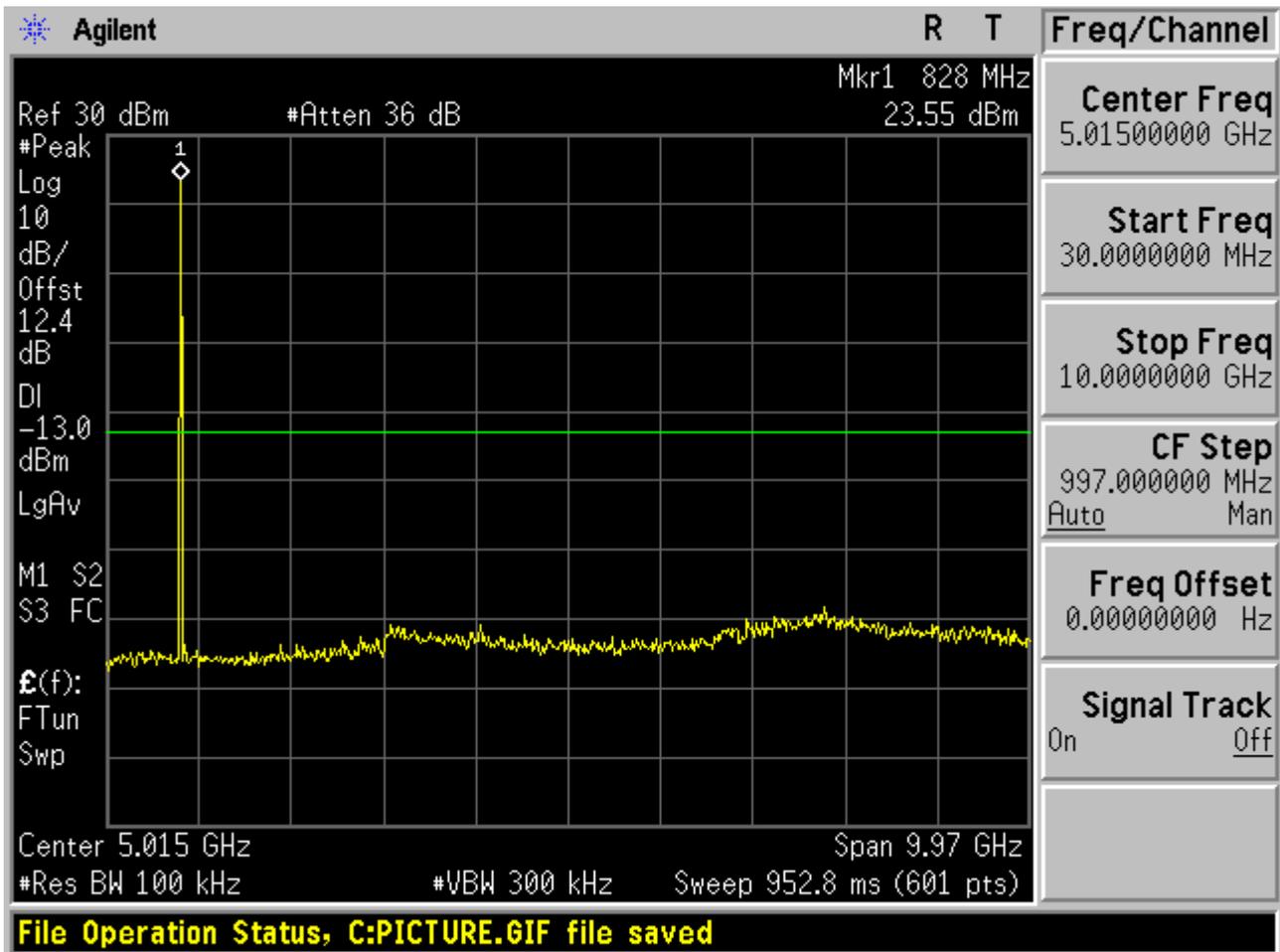
## 2.1.4 Channel Bandwidth = 10 MHz

### 2.1.4.1 Channel = B

#### 2.1.4.1.1 QPSK/1RBs /RB #0



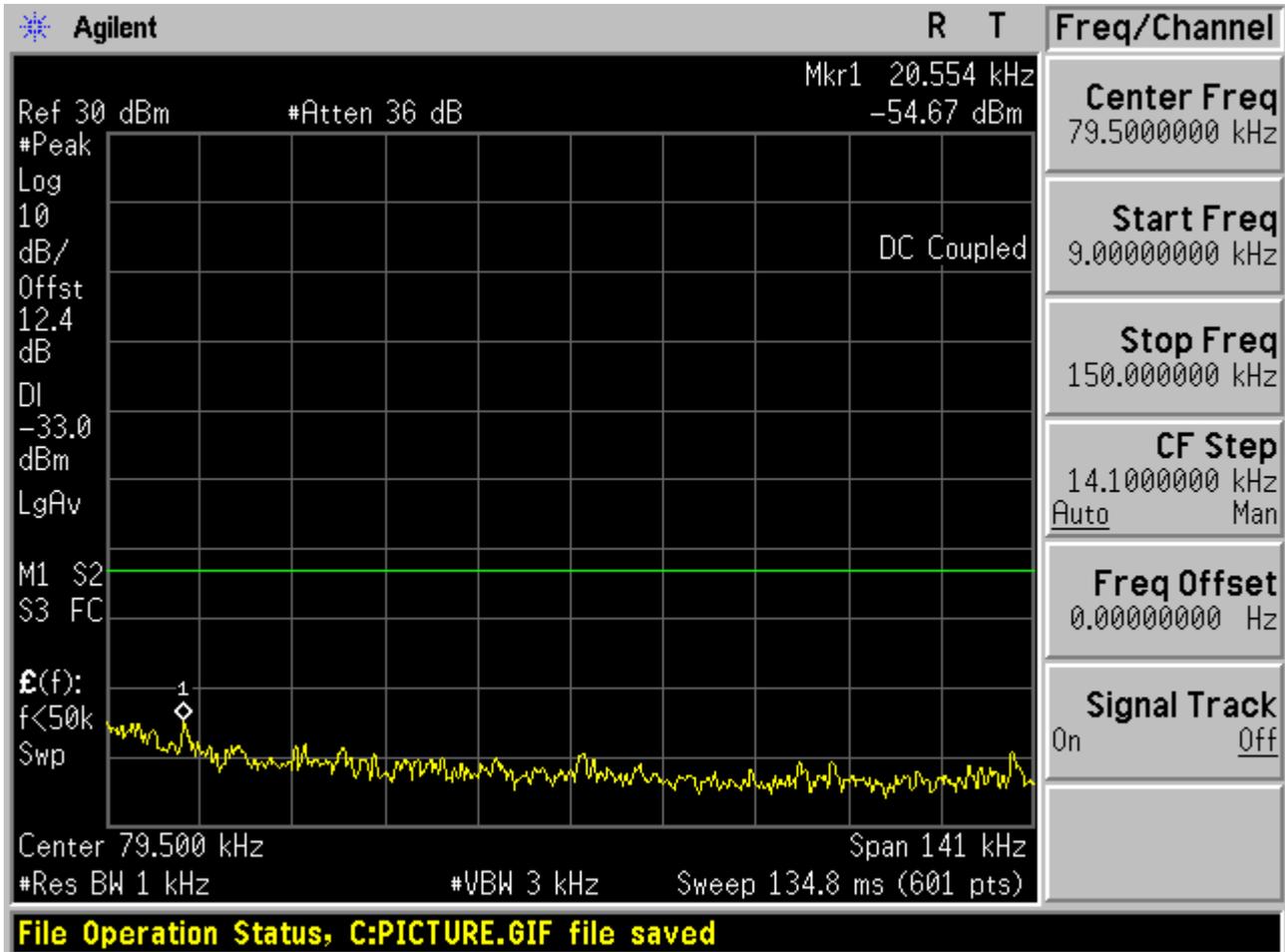


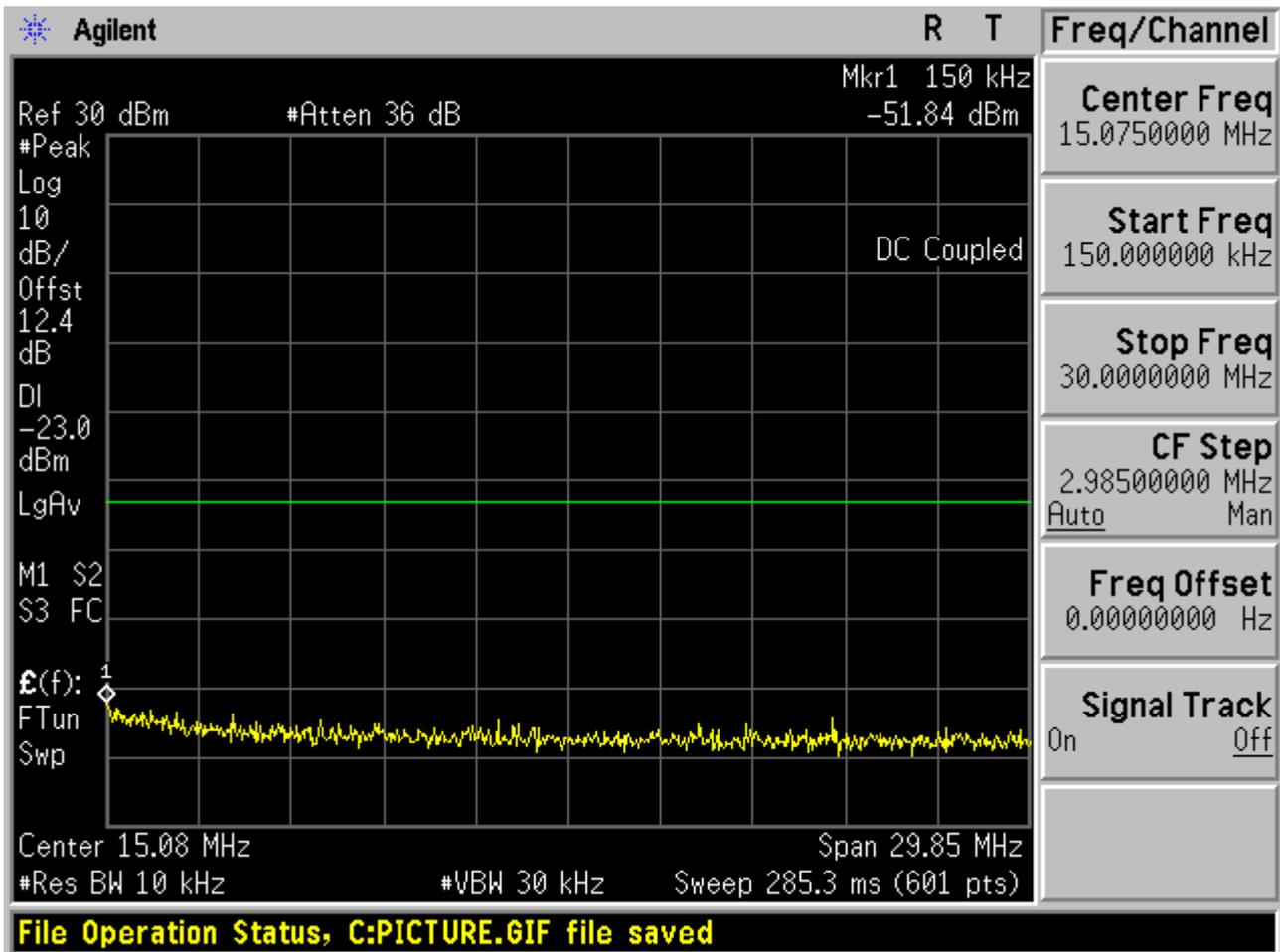


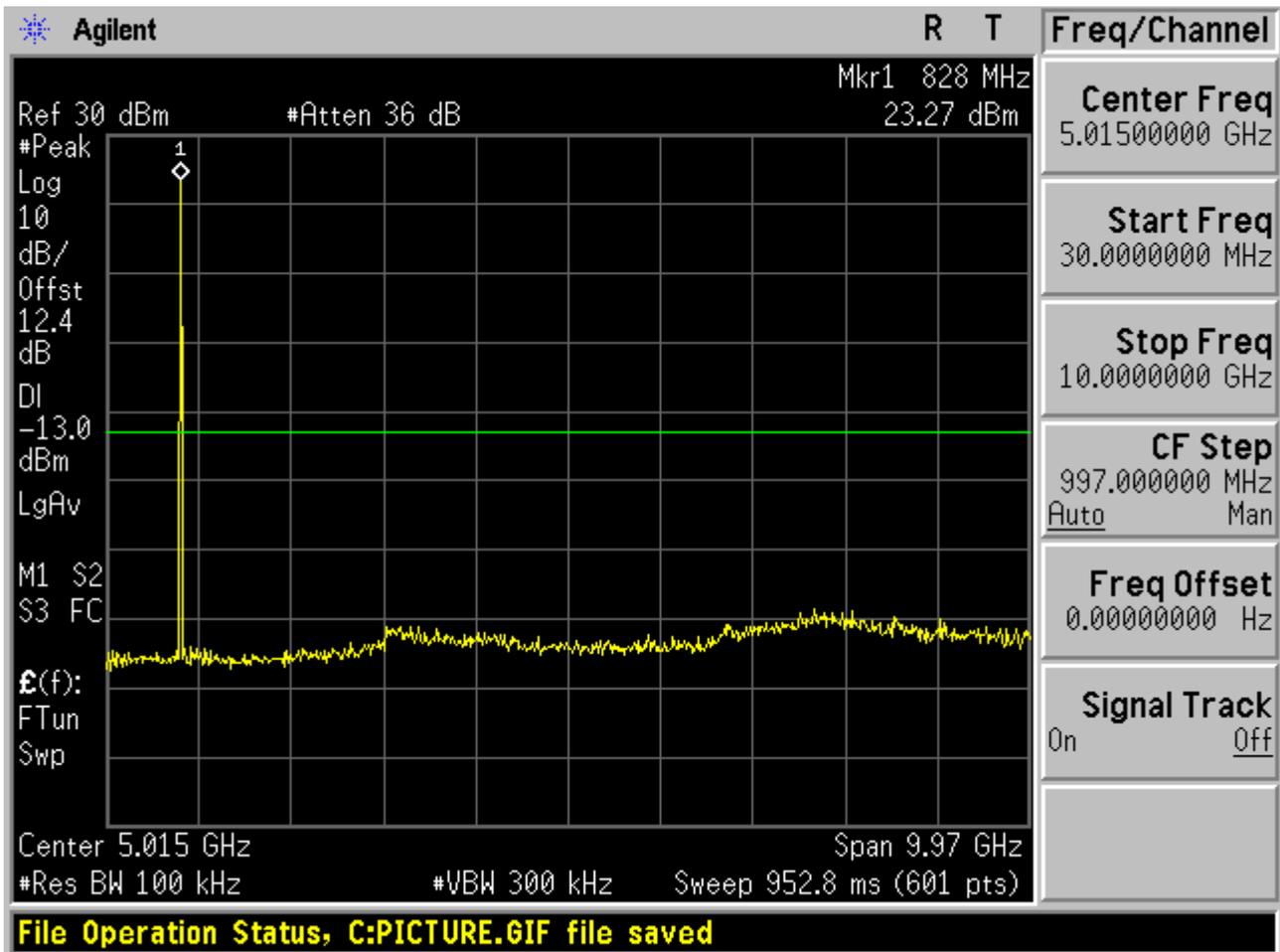


## 2.1.4.2 Channel = M

### 2.1.4.2.1 QPSK/1RBs /RB #0



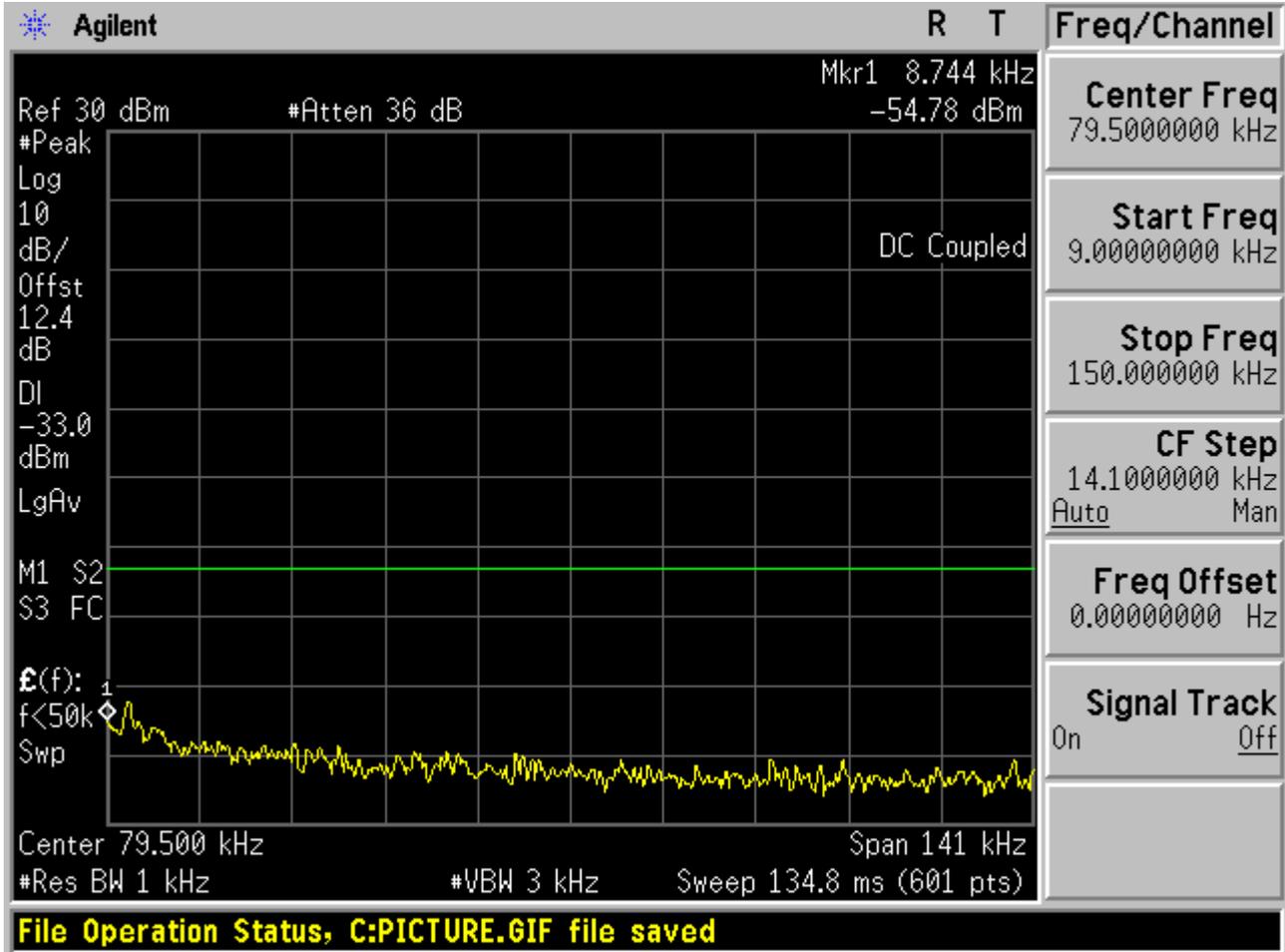


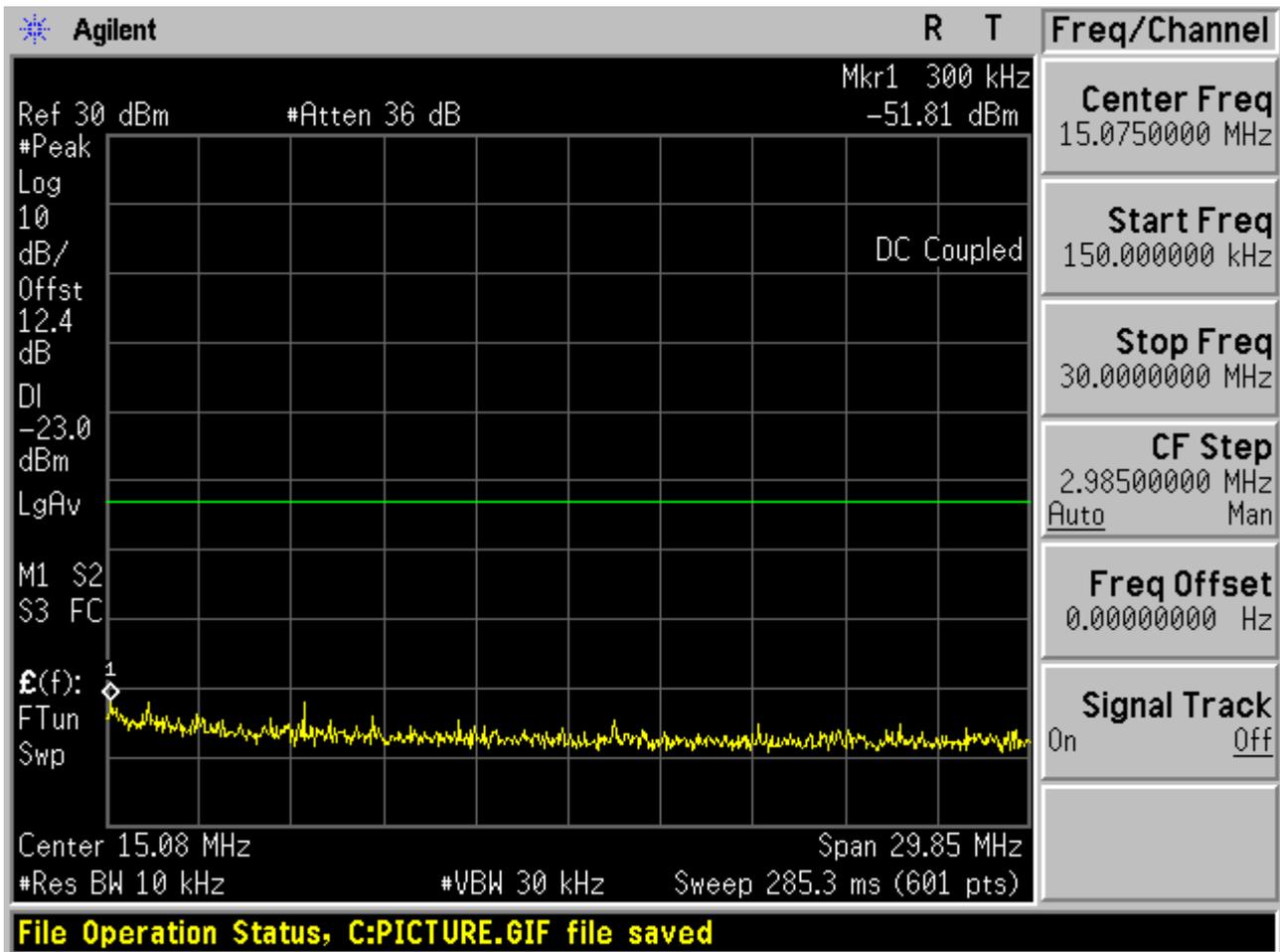


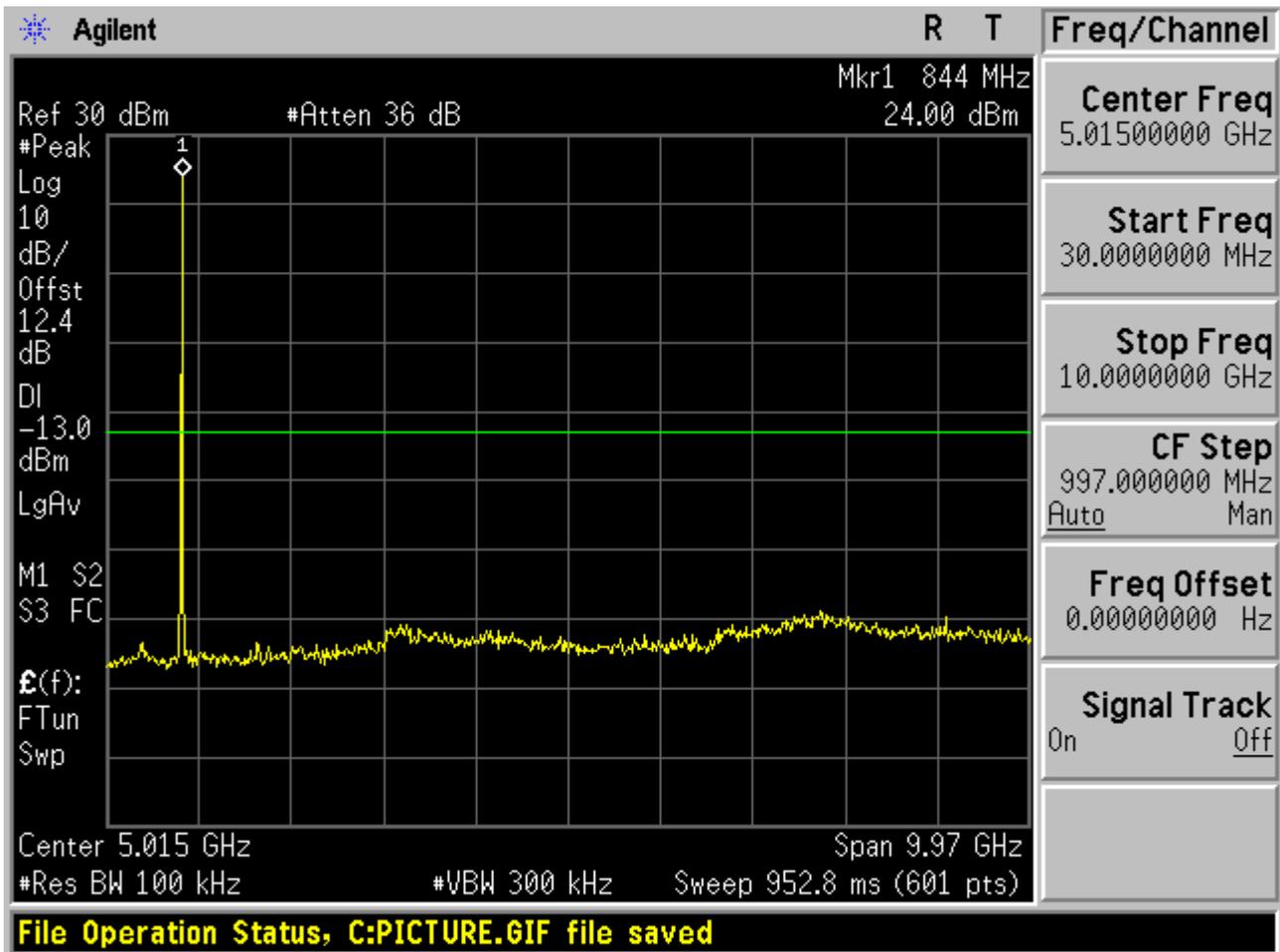


### 2.1.4.3 Channel = T

#### 2.1.4.3.1 QPSK/1RBs /RB #0







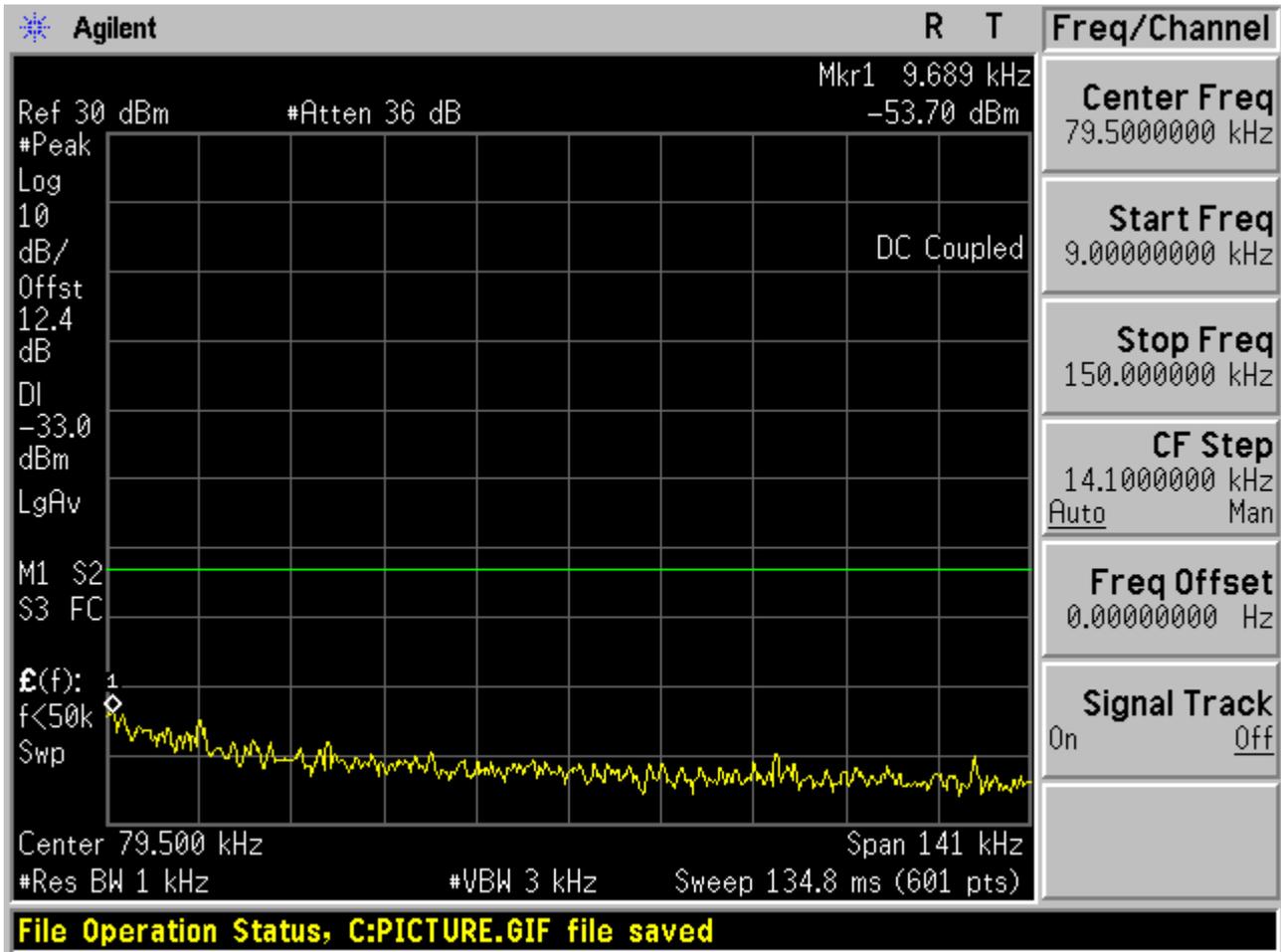


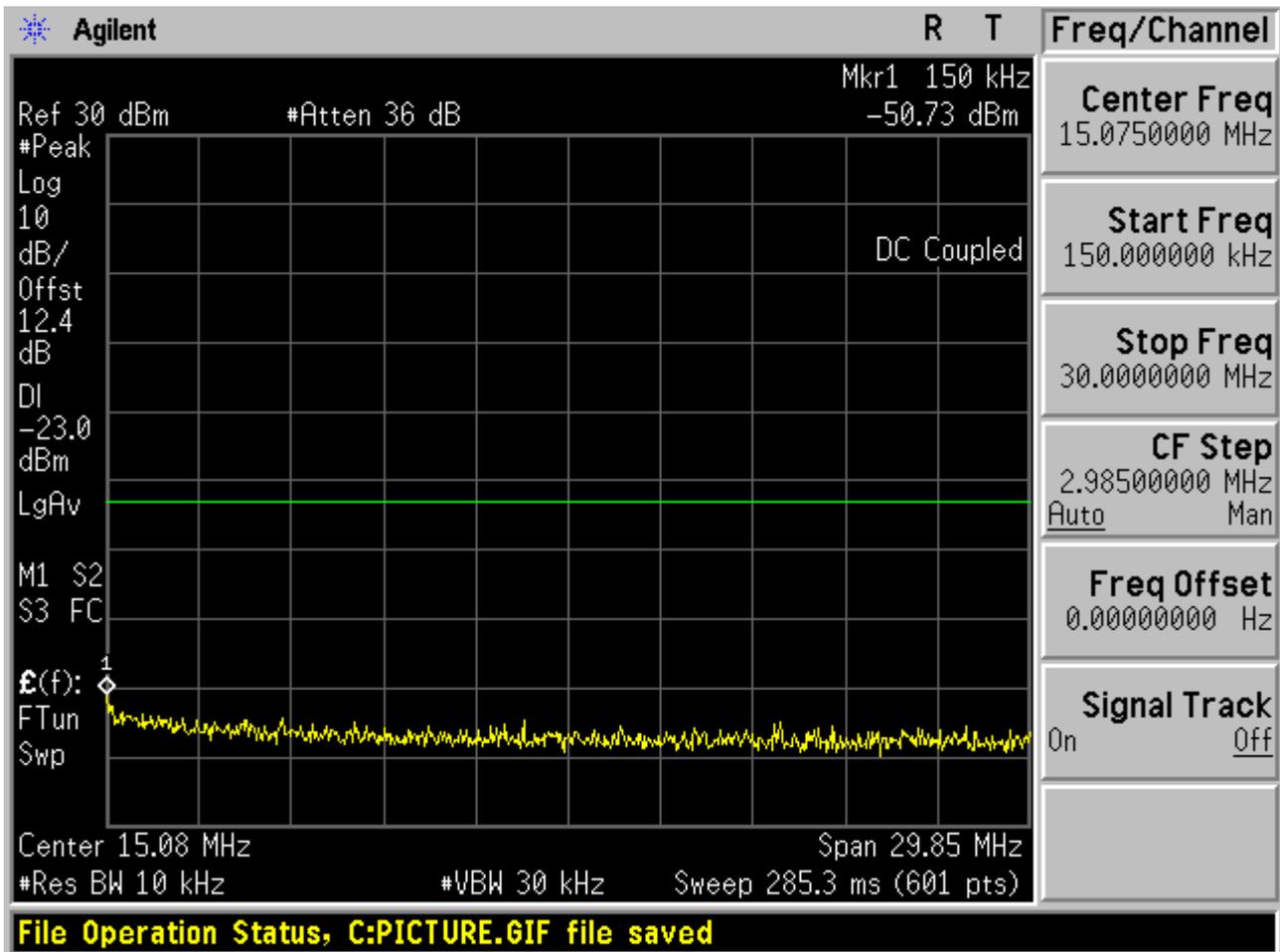
## 2.2 Test Mode=TM5

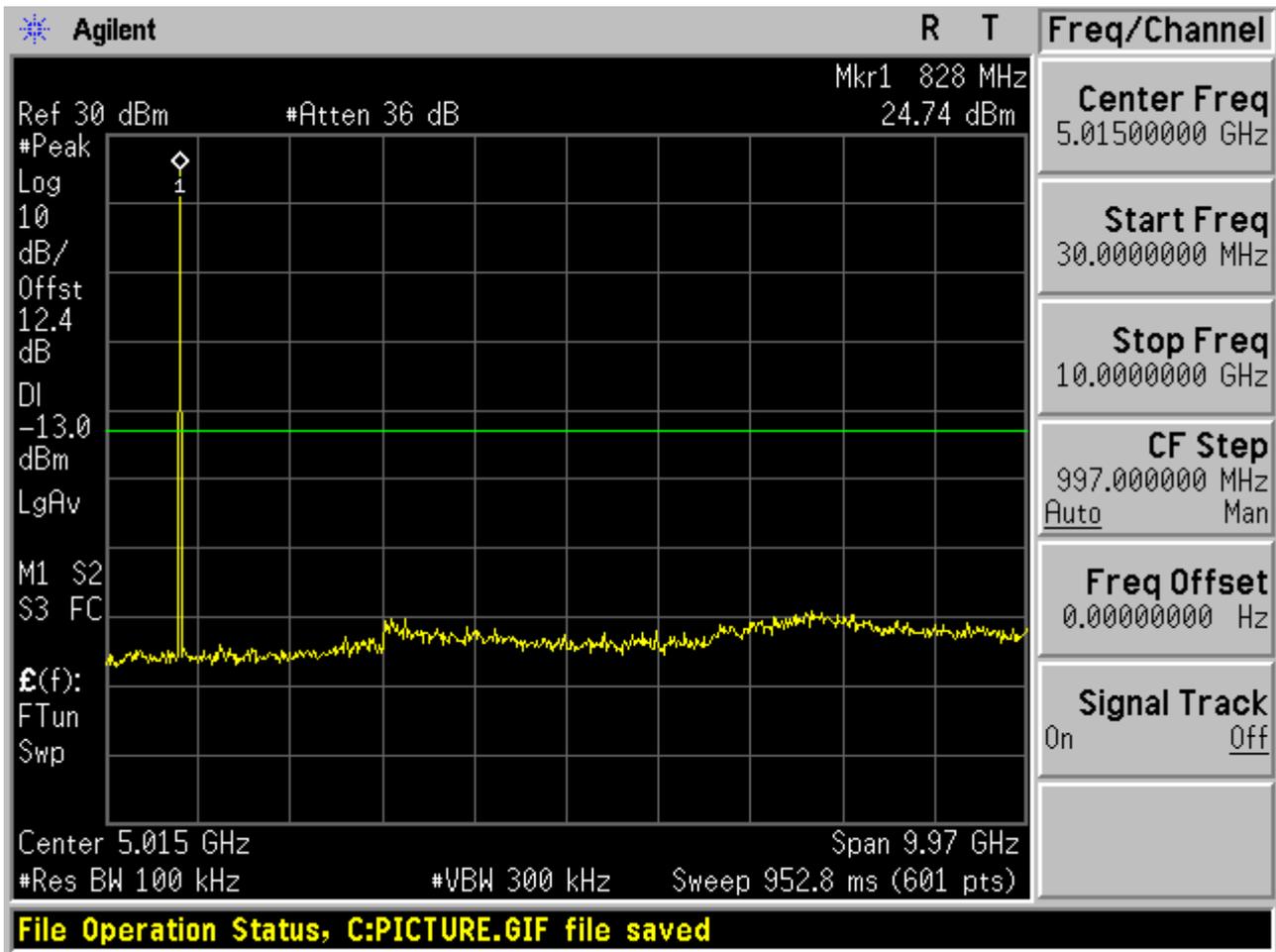
### 2.2.1 Channel Bandwidth = 1.4 MHz

#### 2.2.1.1 Channel = B

##### 2.2.1.1.1 16QAM/1RBs /RB #0



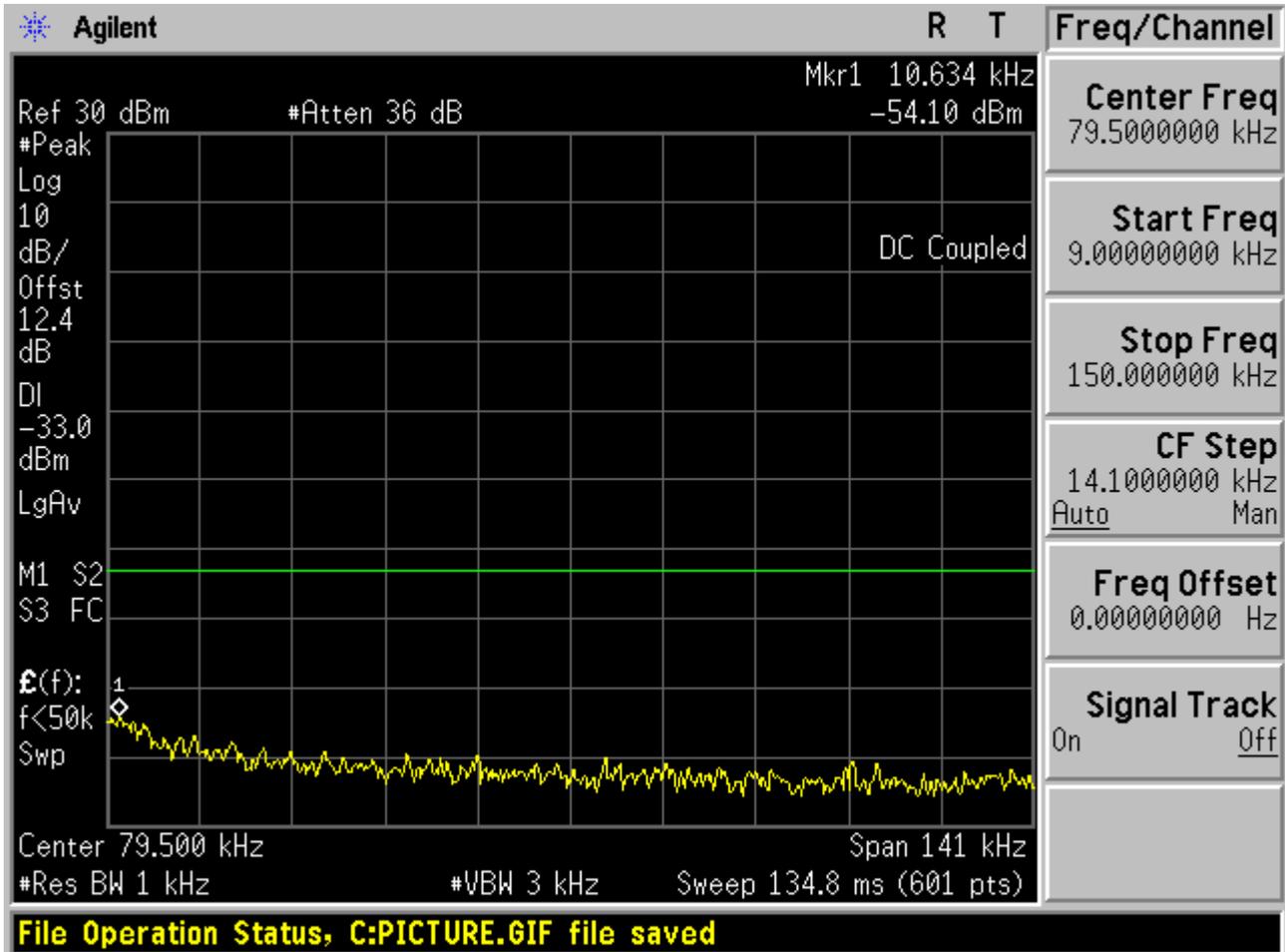


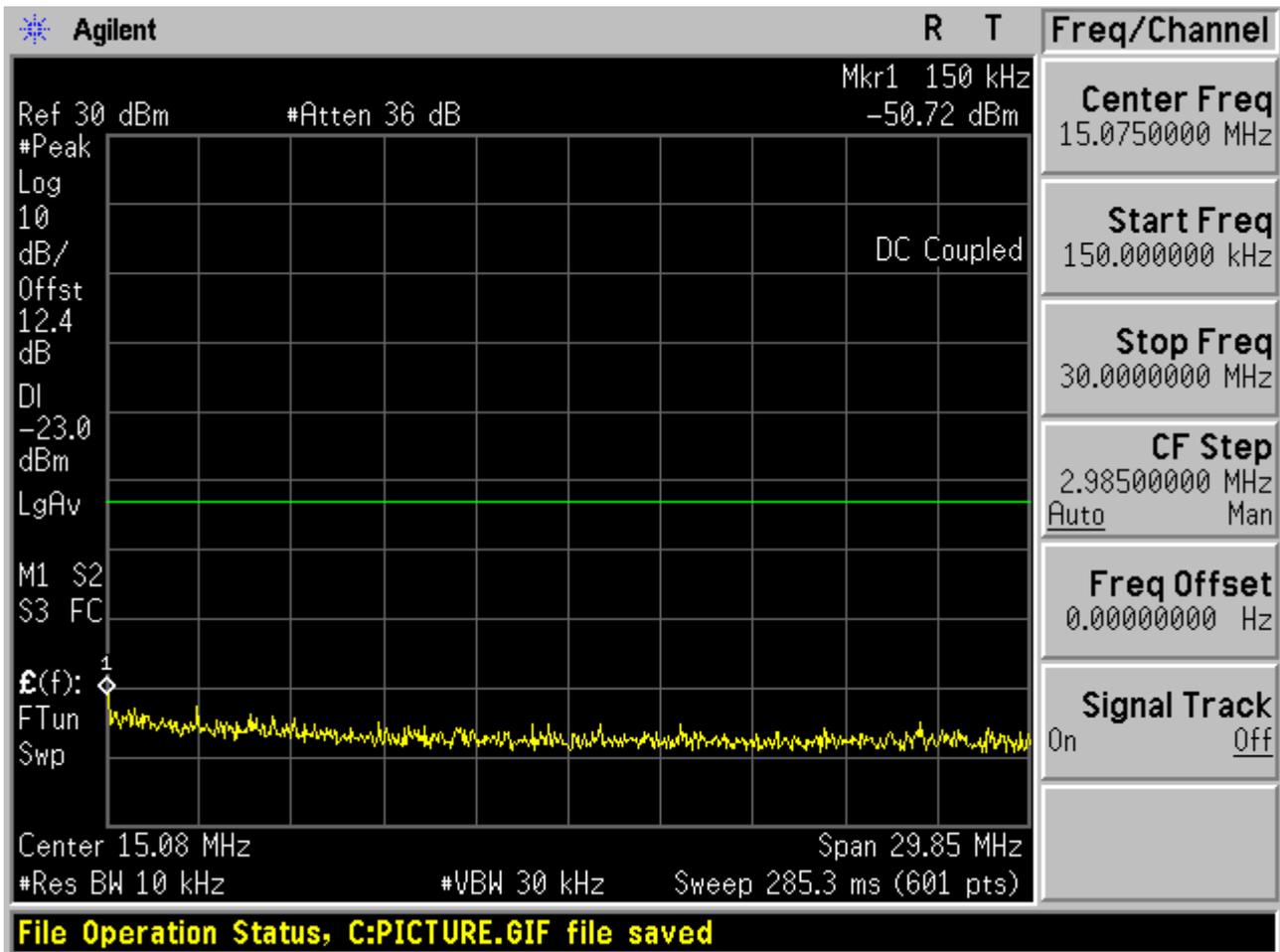


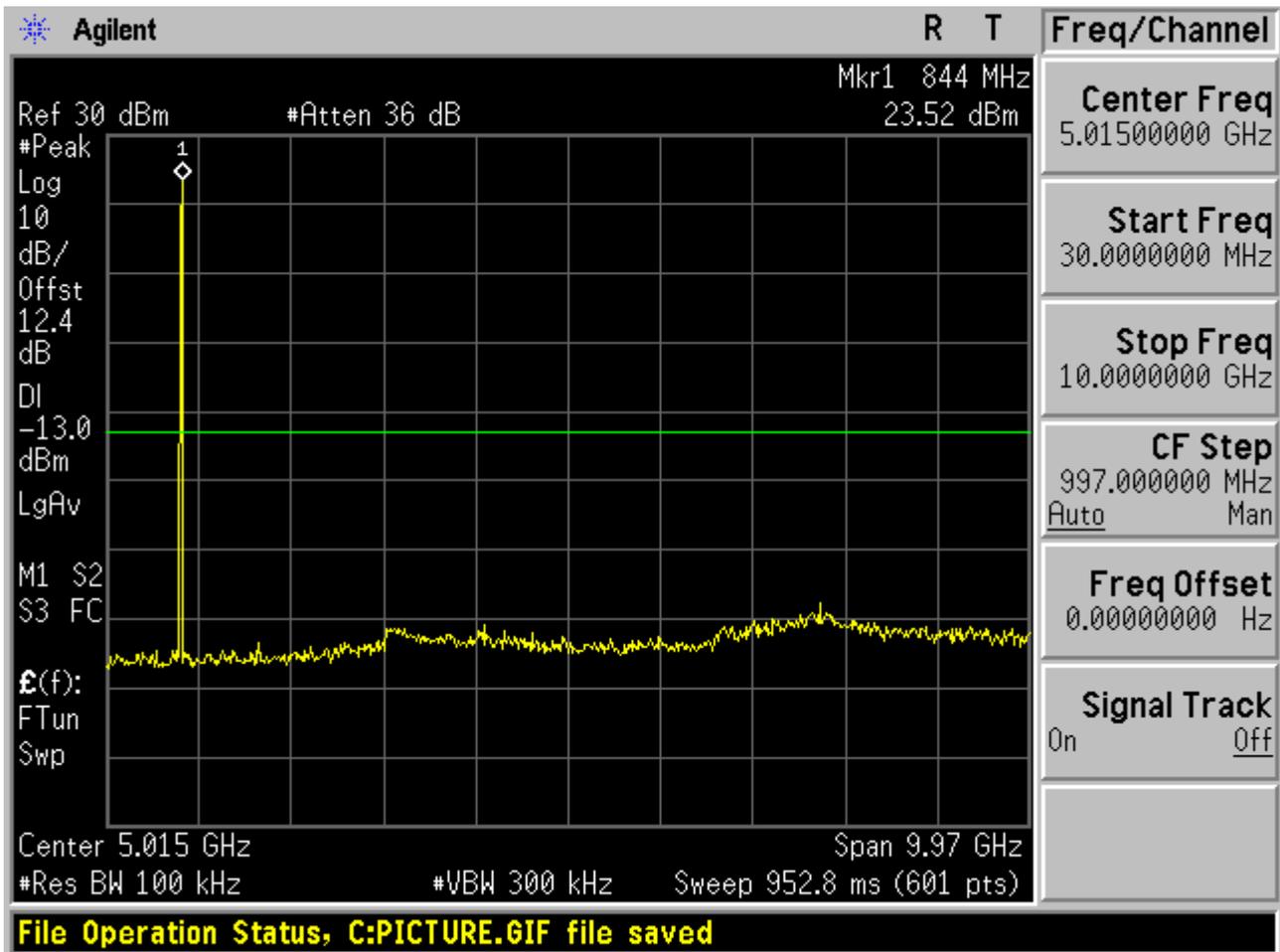


## 2.2.1.2 Channel = M

### 2.2.1.2.1 16QAM/1RBs /RB #0



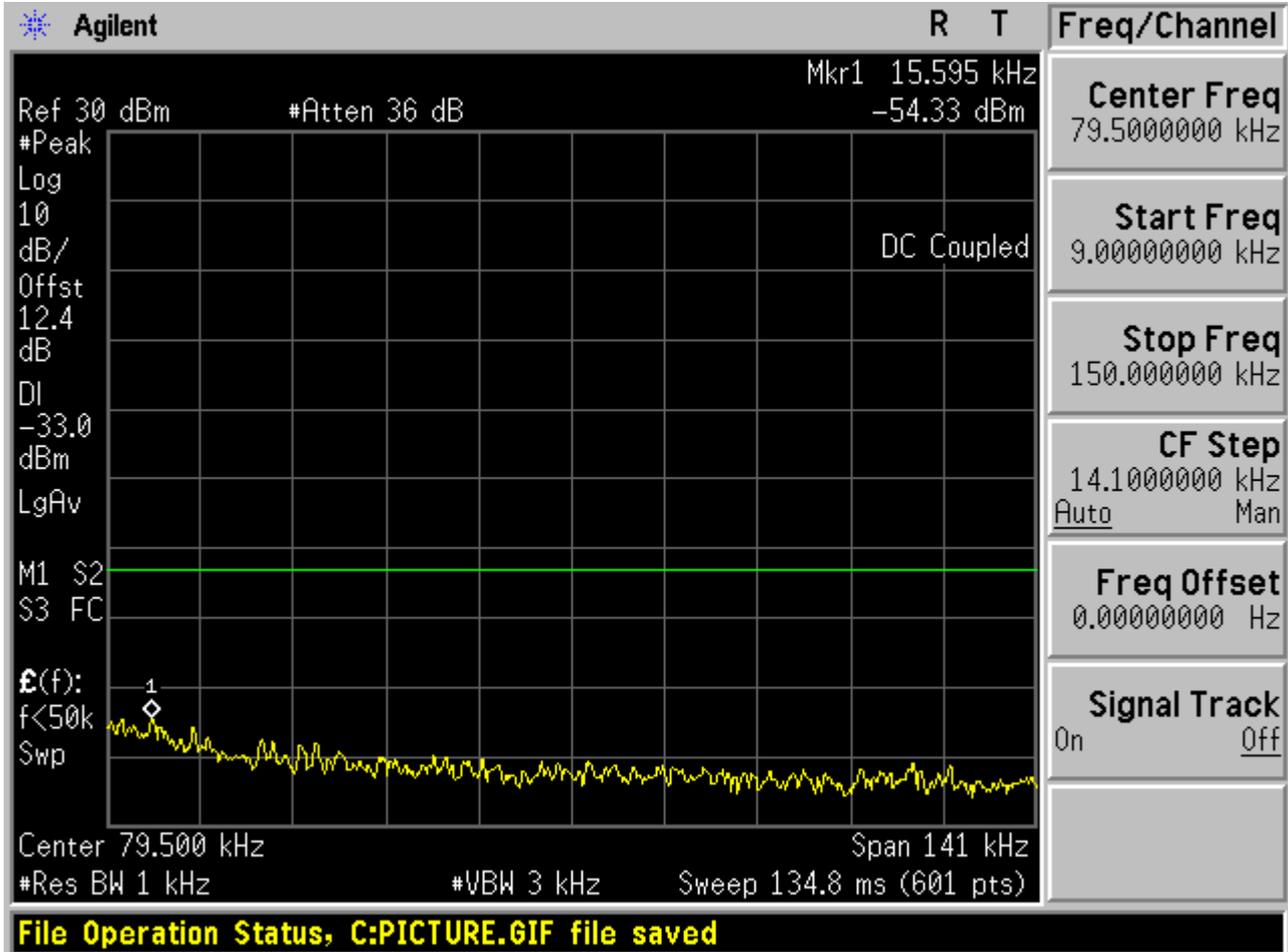


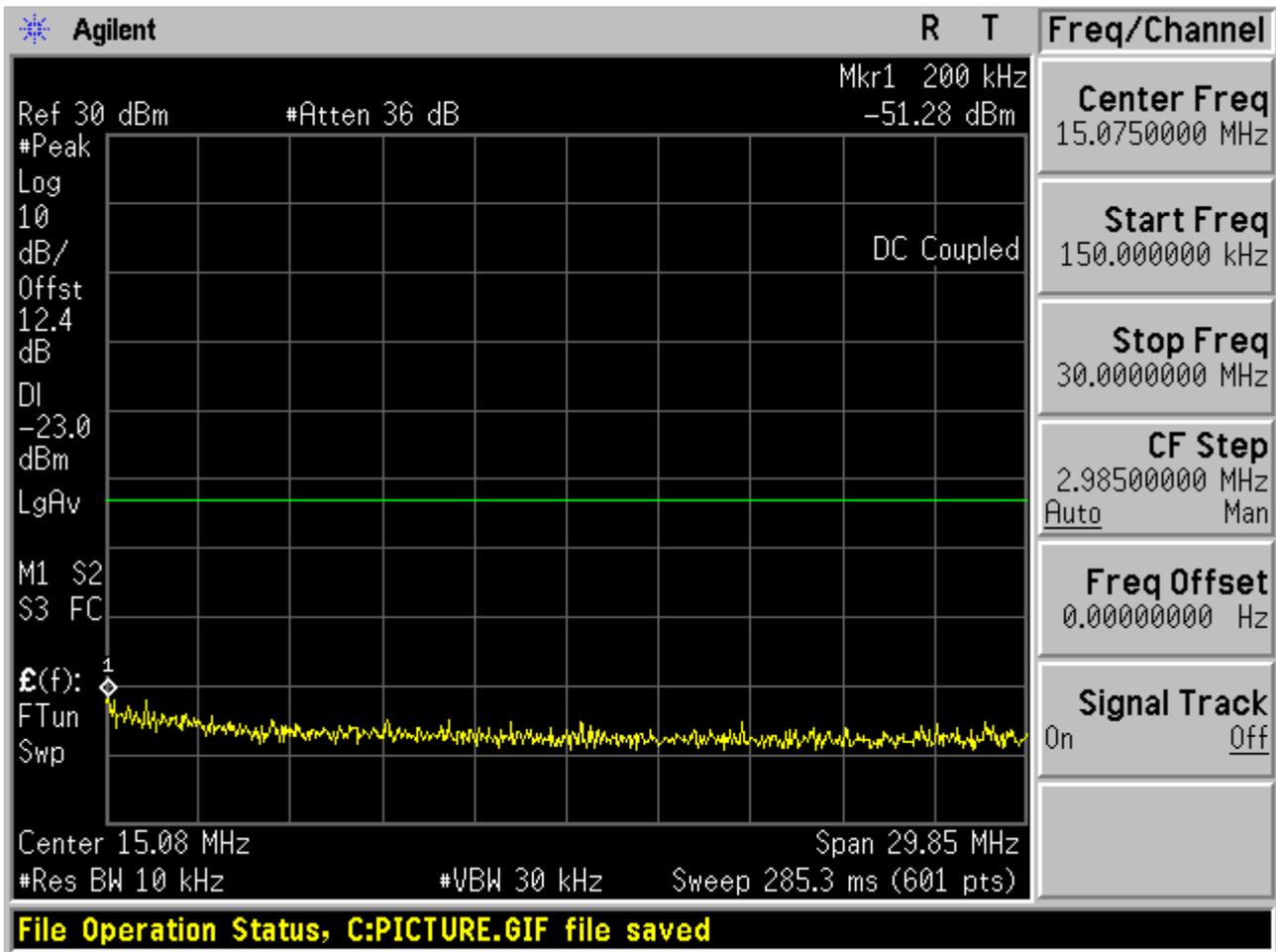


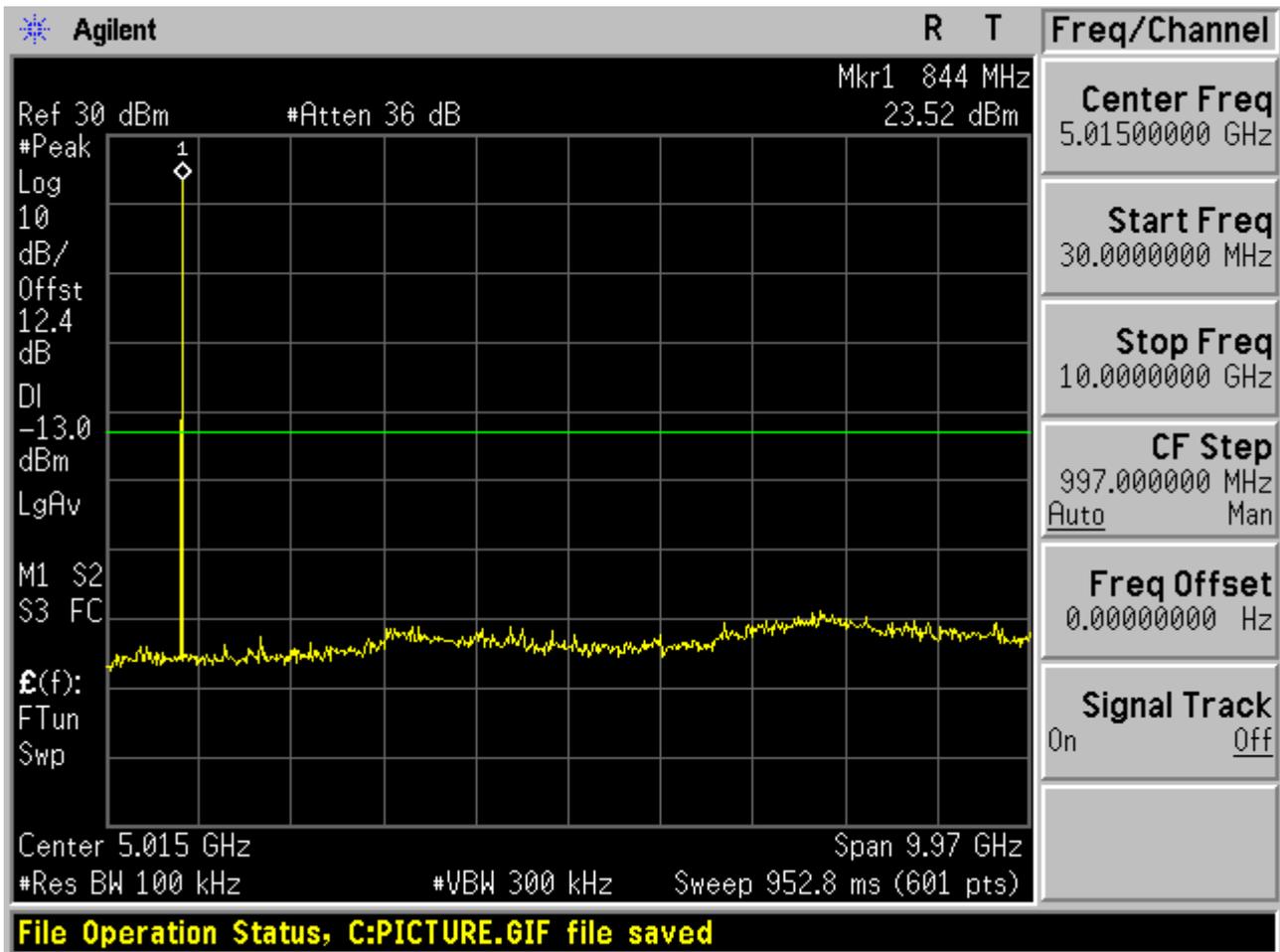


### 2.2.1.3 Channel = T

#### 2.2.1.3.1 16QAM/1RBs /RB #0





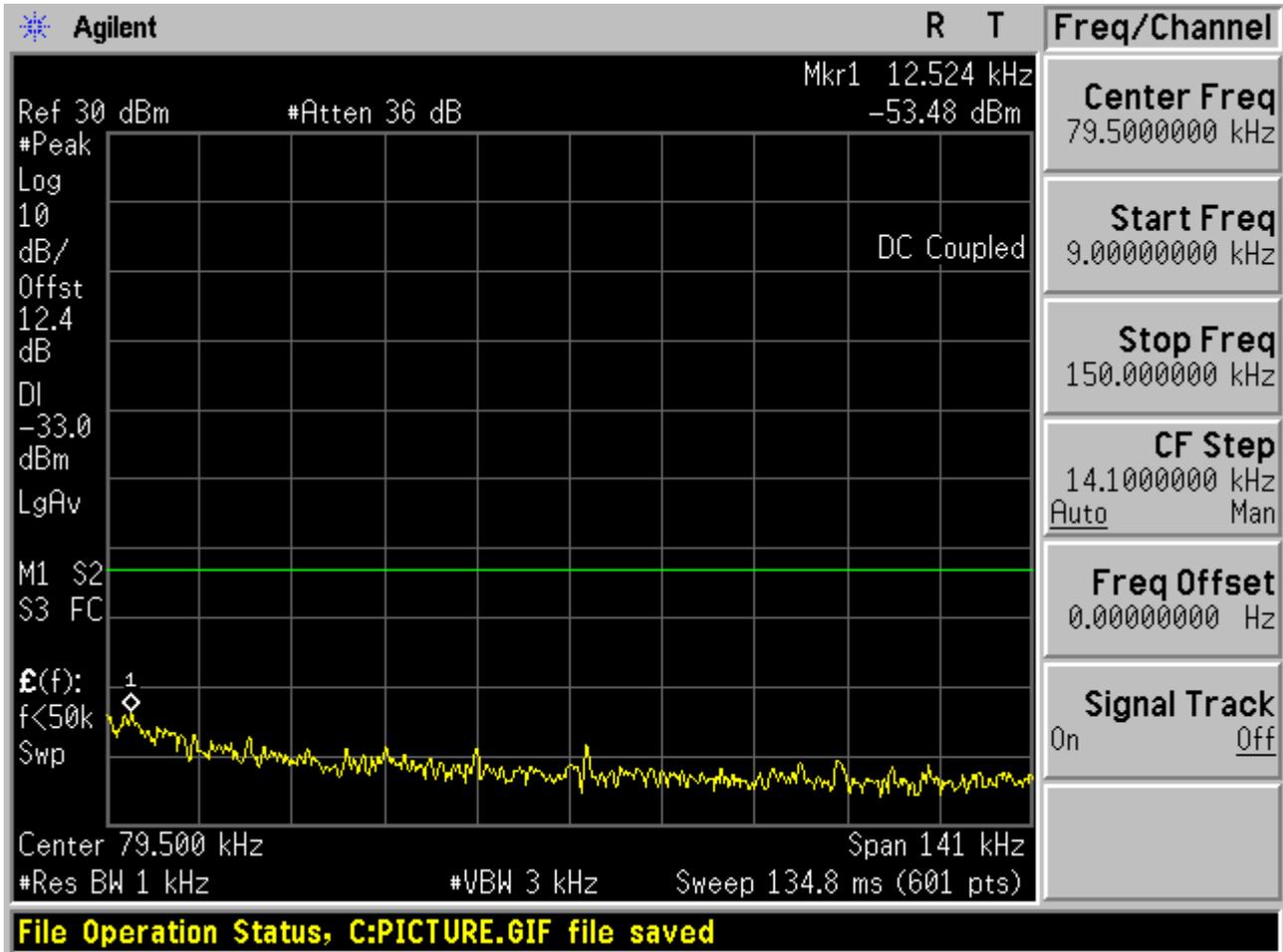


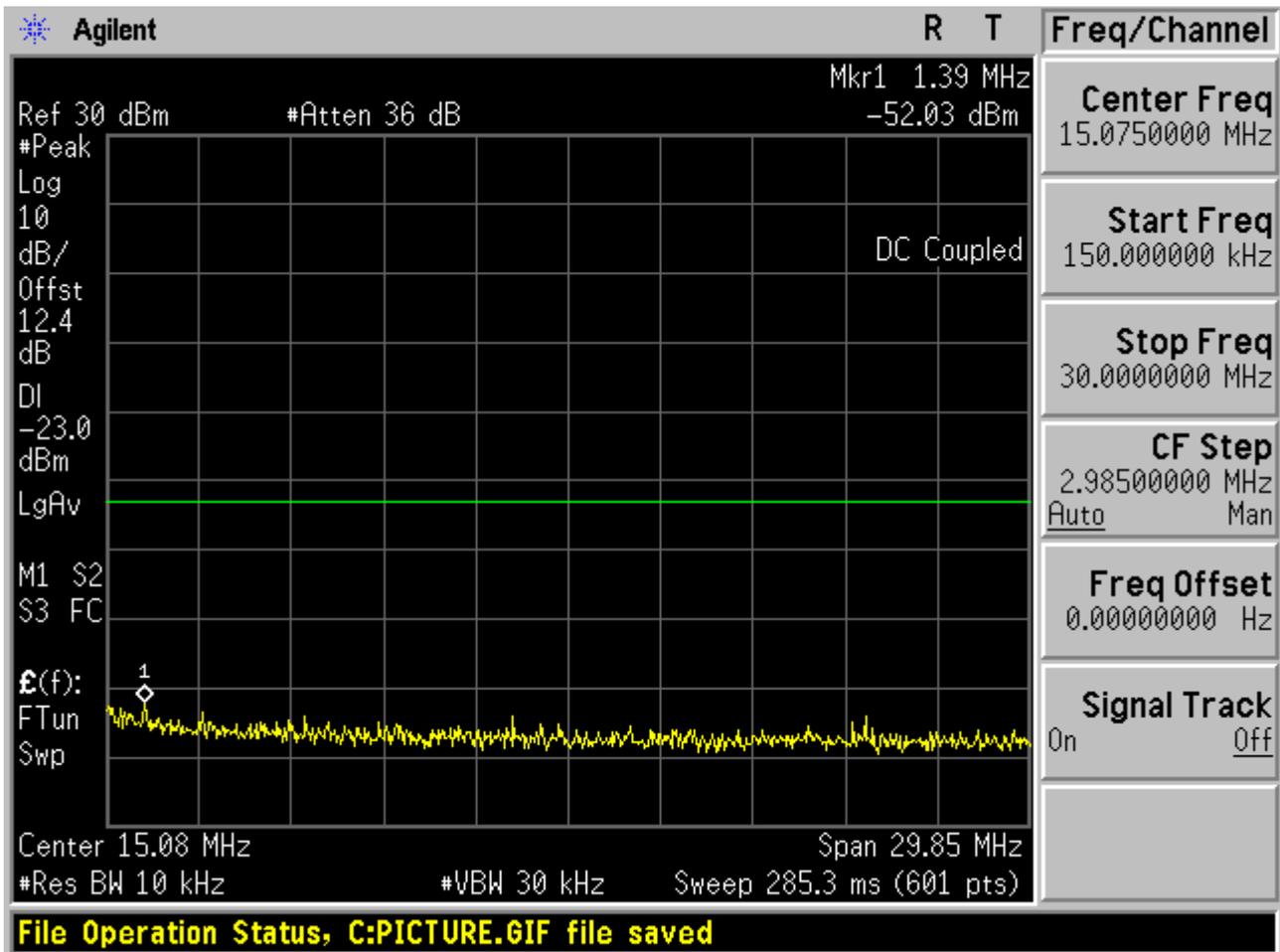


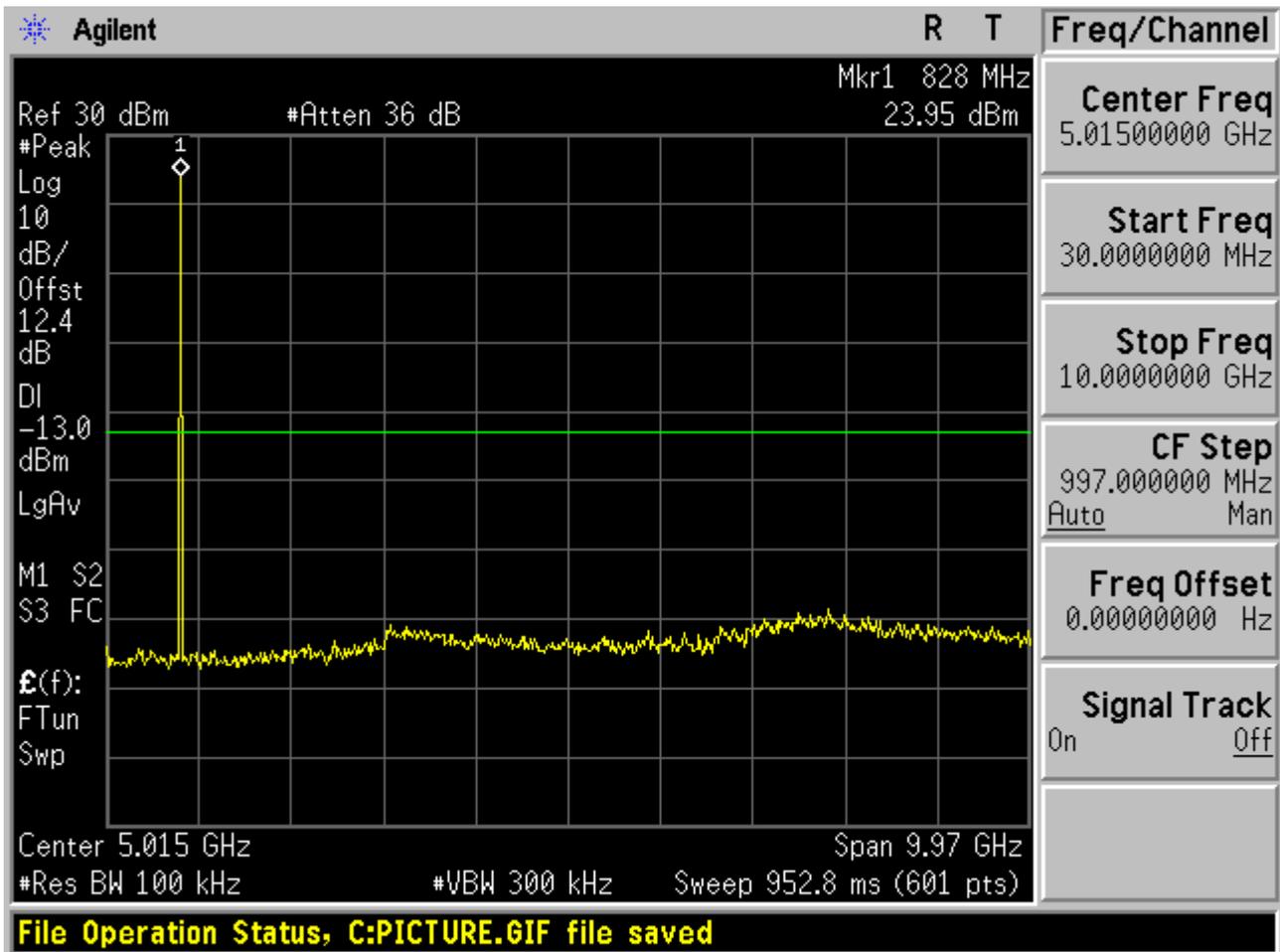
## 2.2.2 Channel Bandwidth = 3 MHz

### 2.2.2.1 Channel = B

#### 2.2.2.1.1 16QAM/1RBs /RB #0



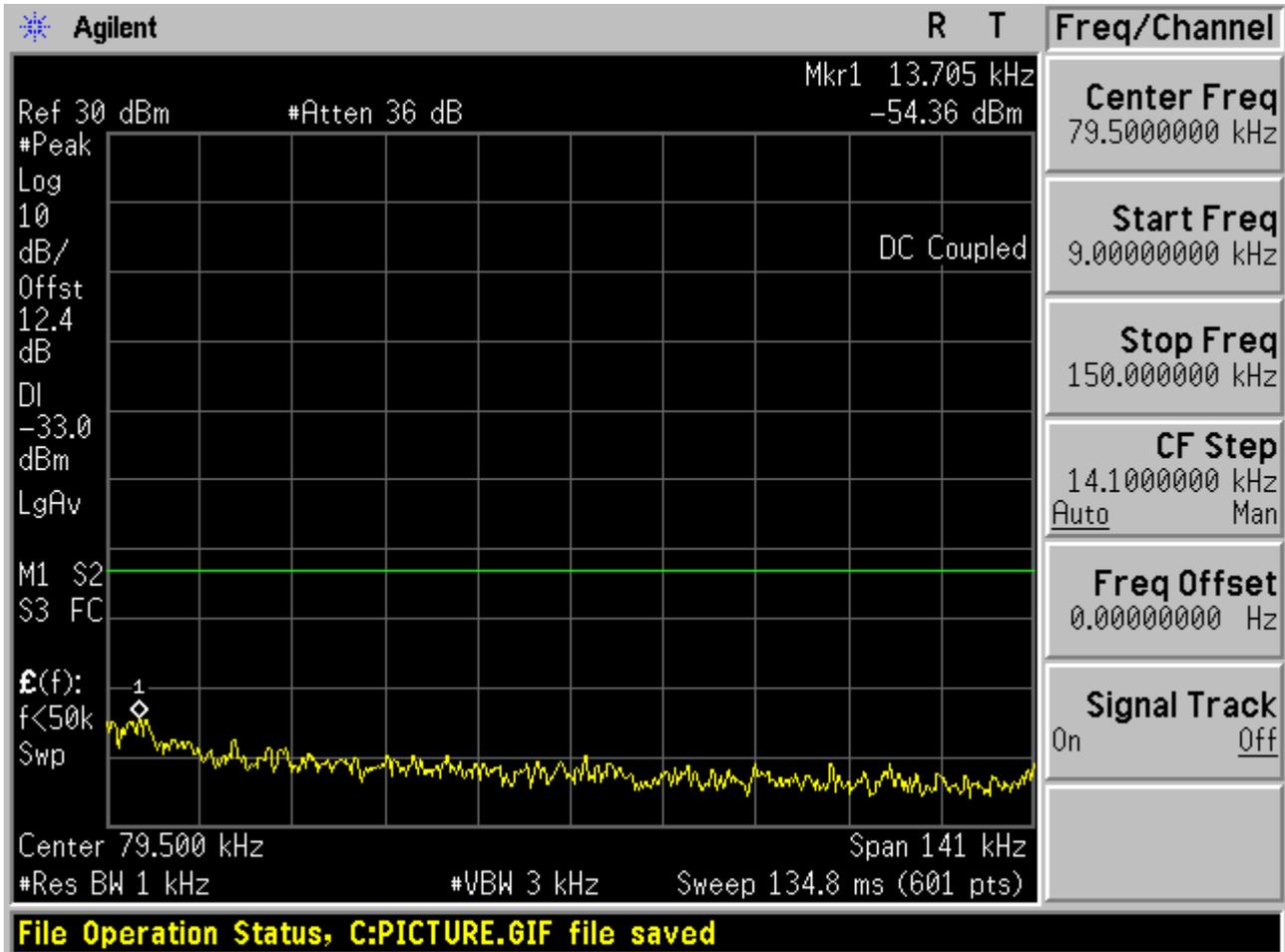


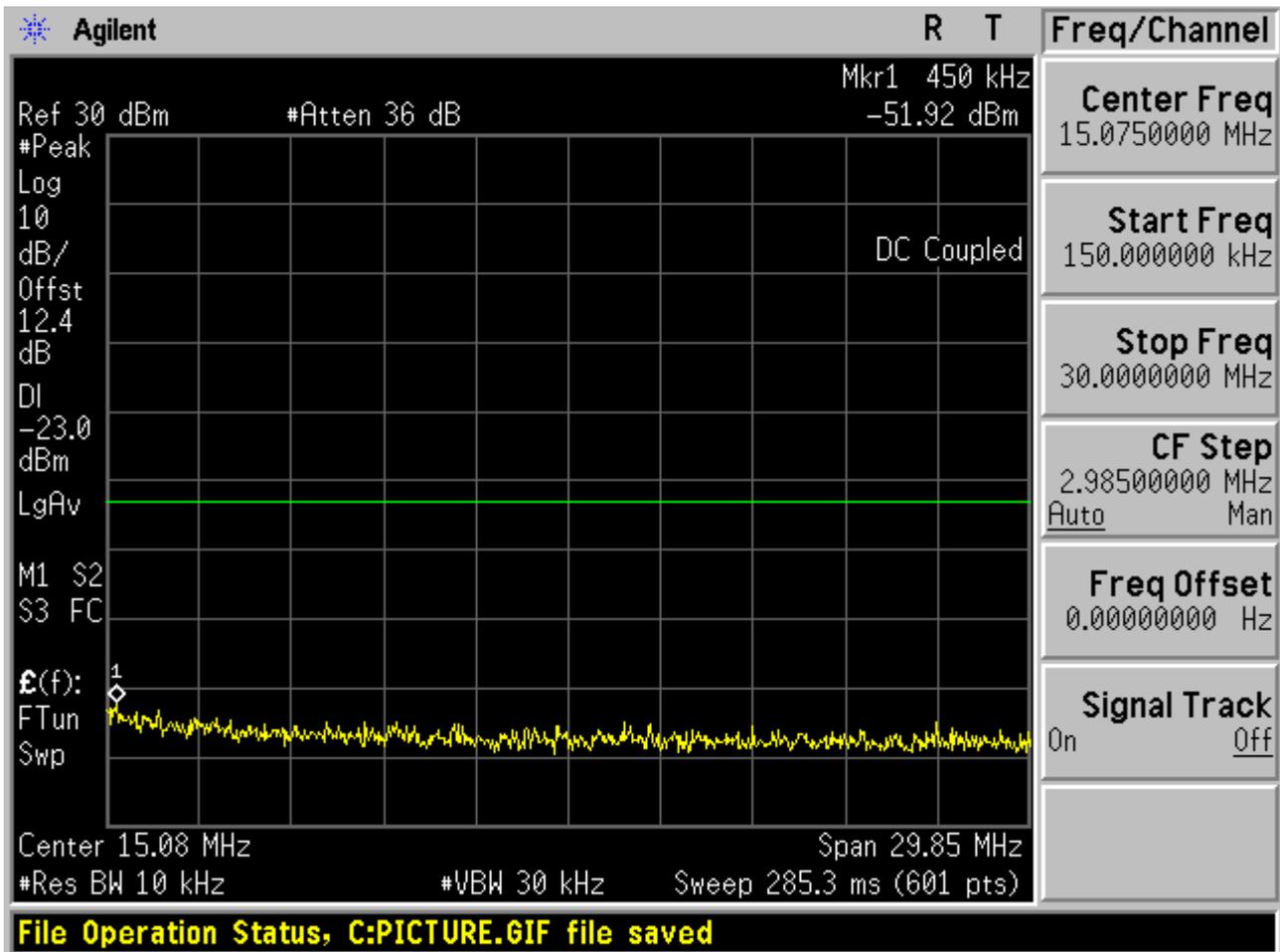


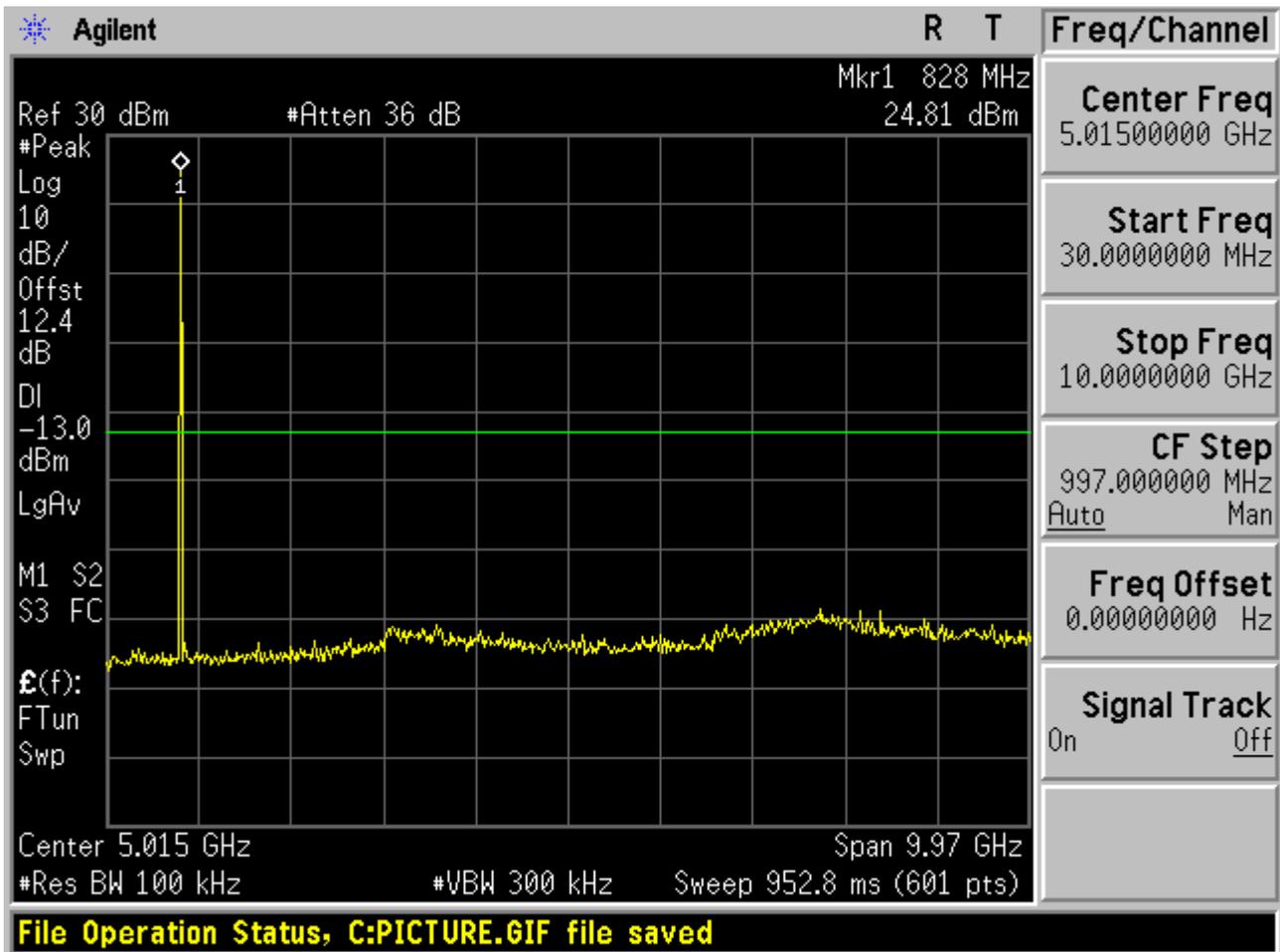


## 2.2.2.2 Channel = M

### 2.2.2.2.1 16QAM/1RBs /RB #0



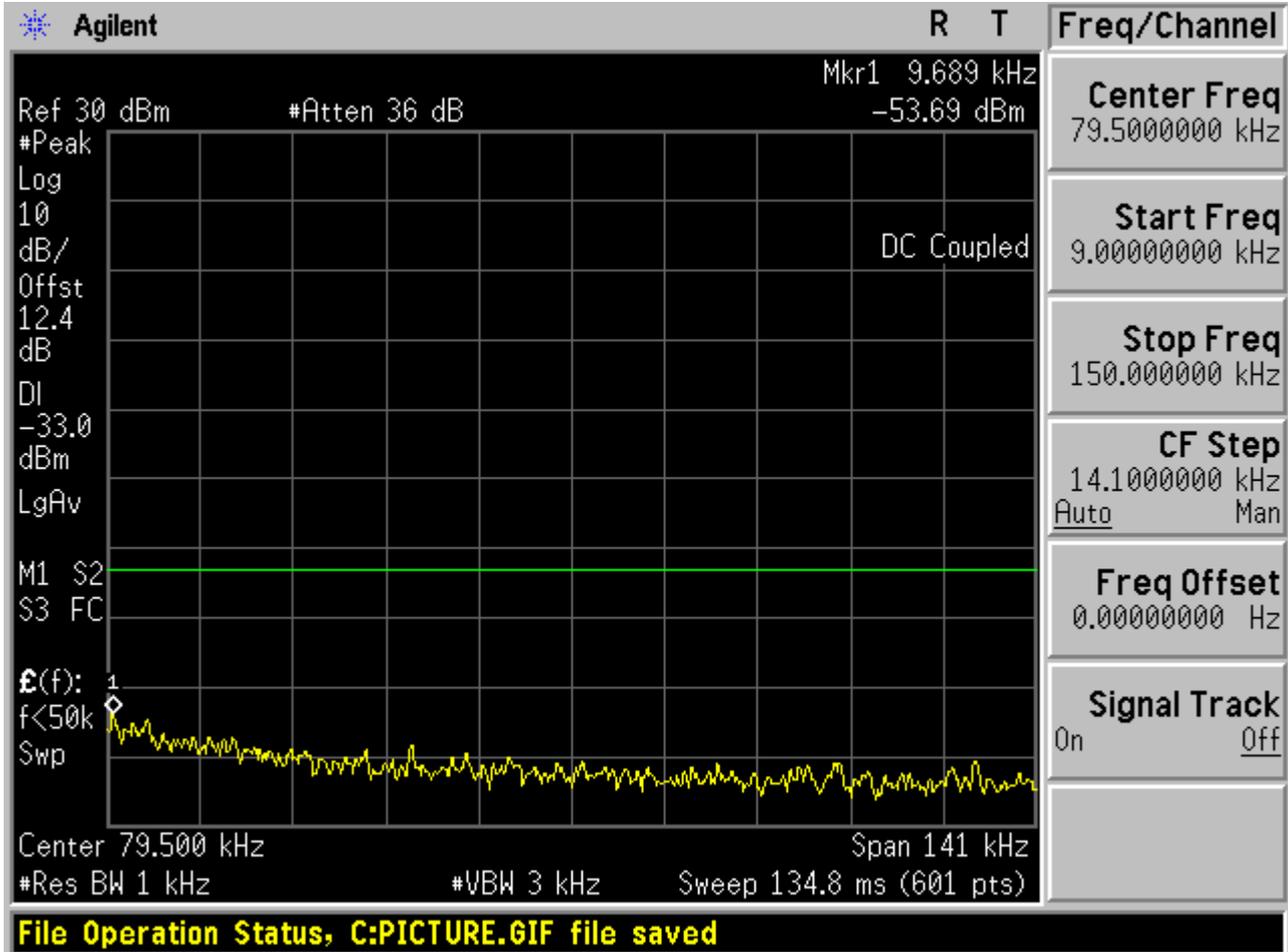


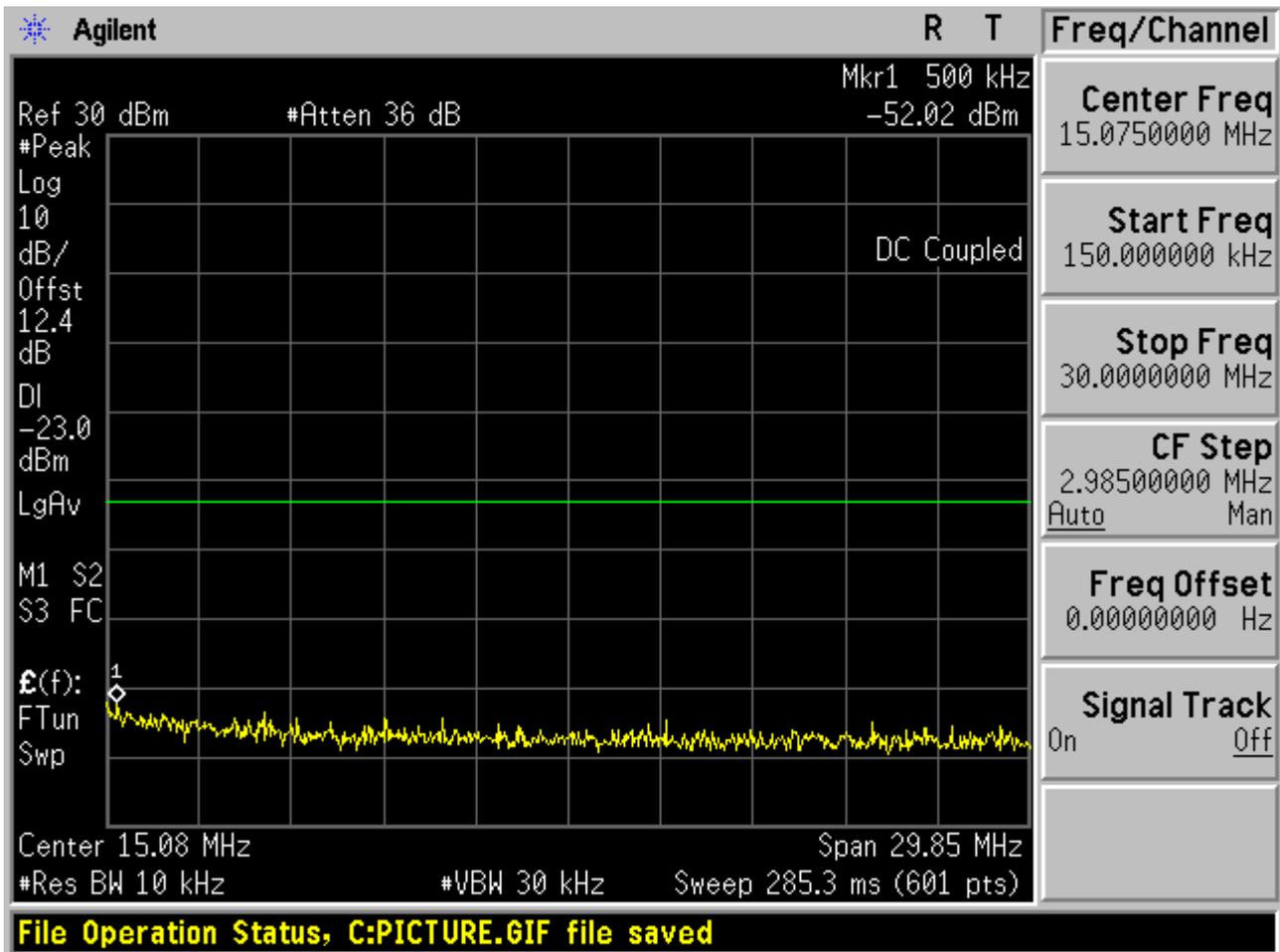


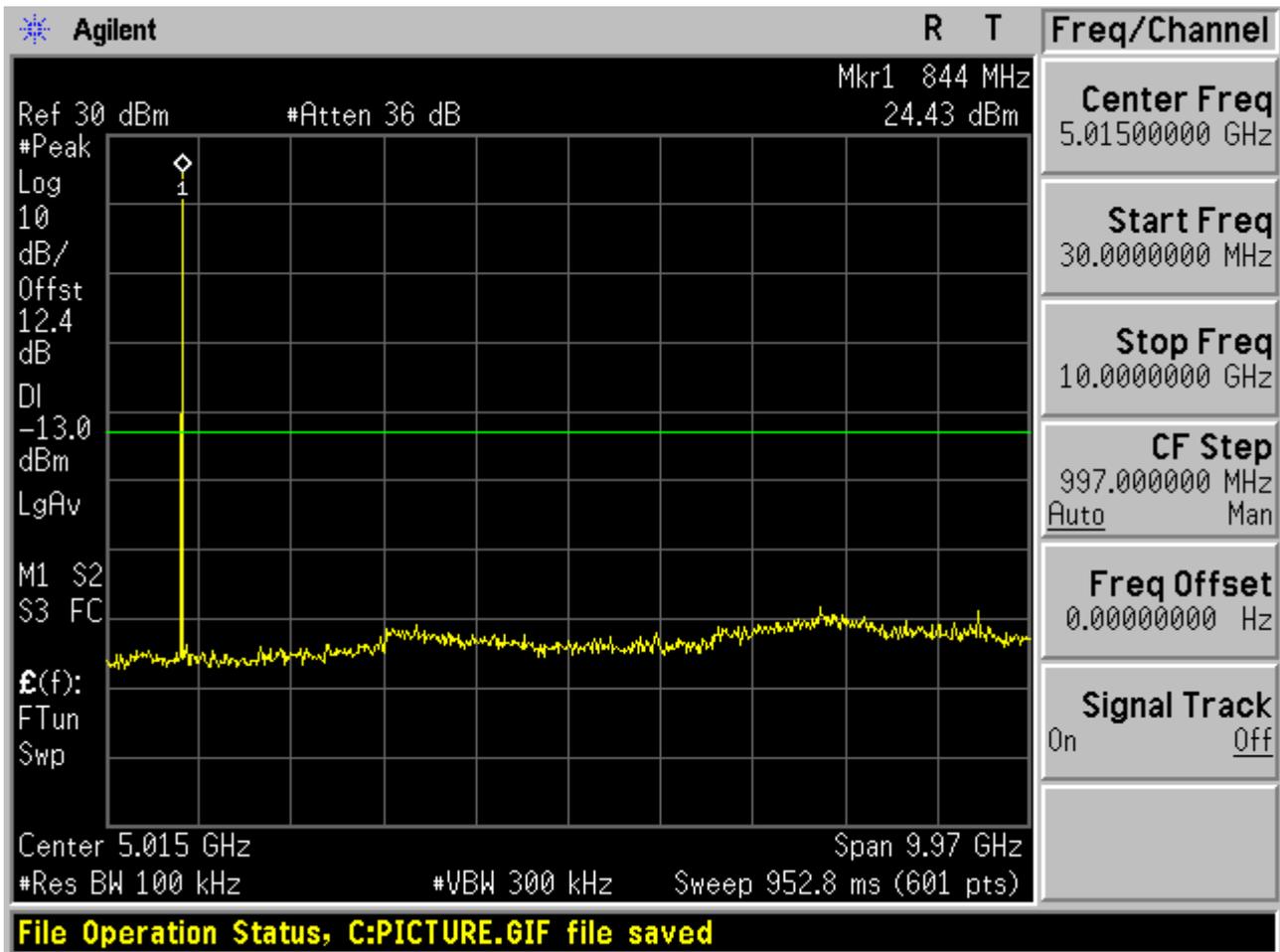


### 2.2.2.3 Channel = T

#### 2.2.2.3.1 16QAM/1RBs /RB #0





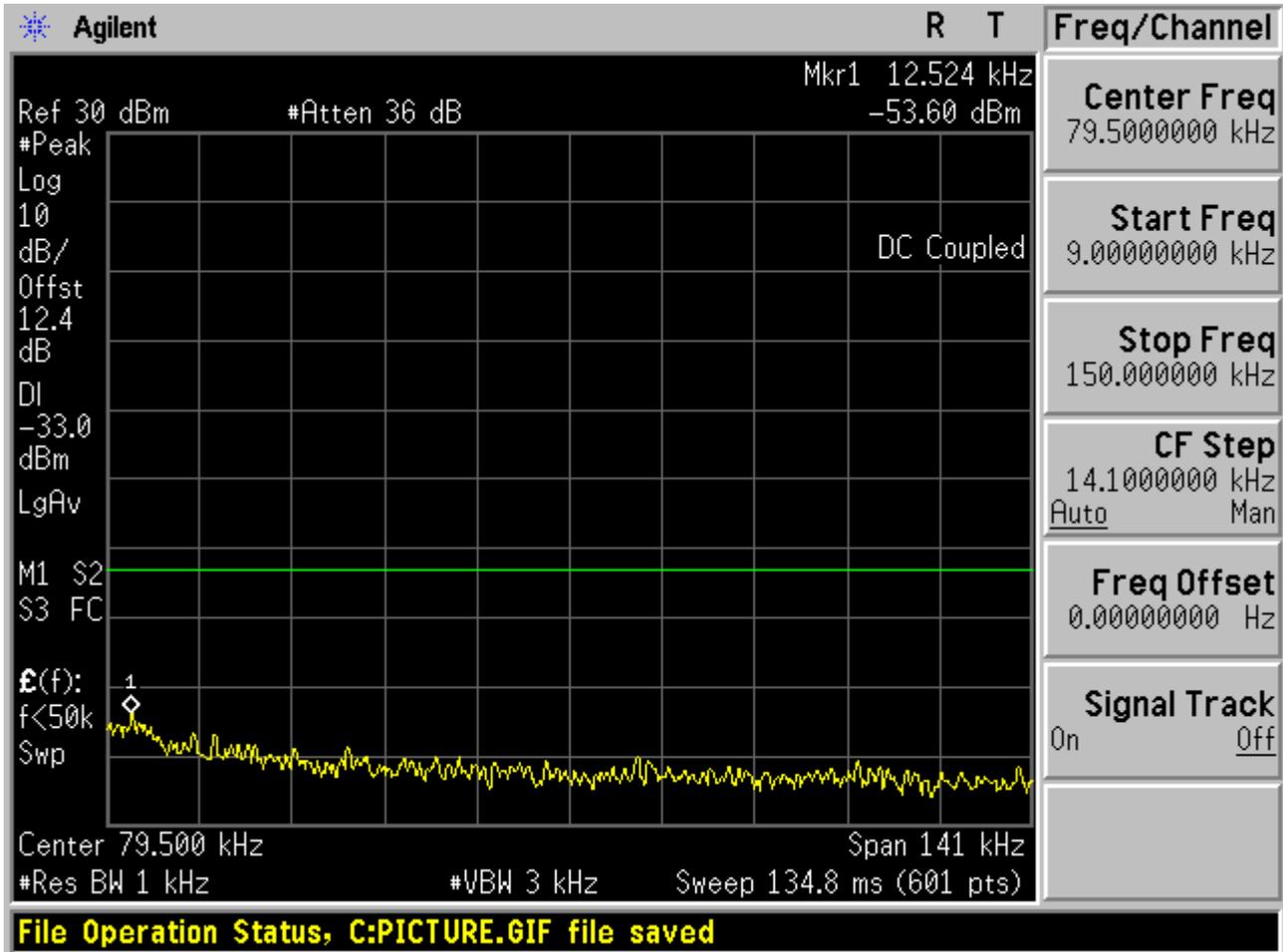


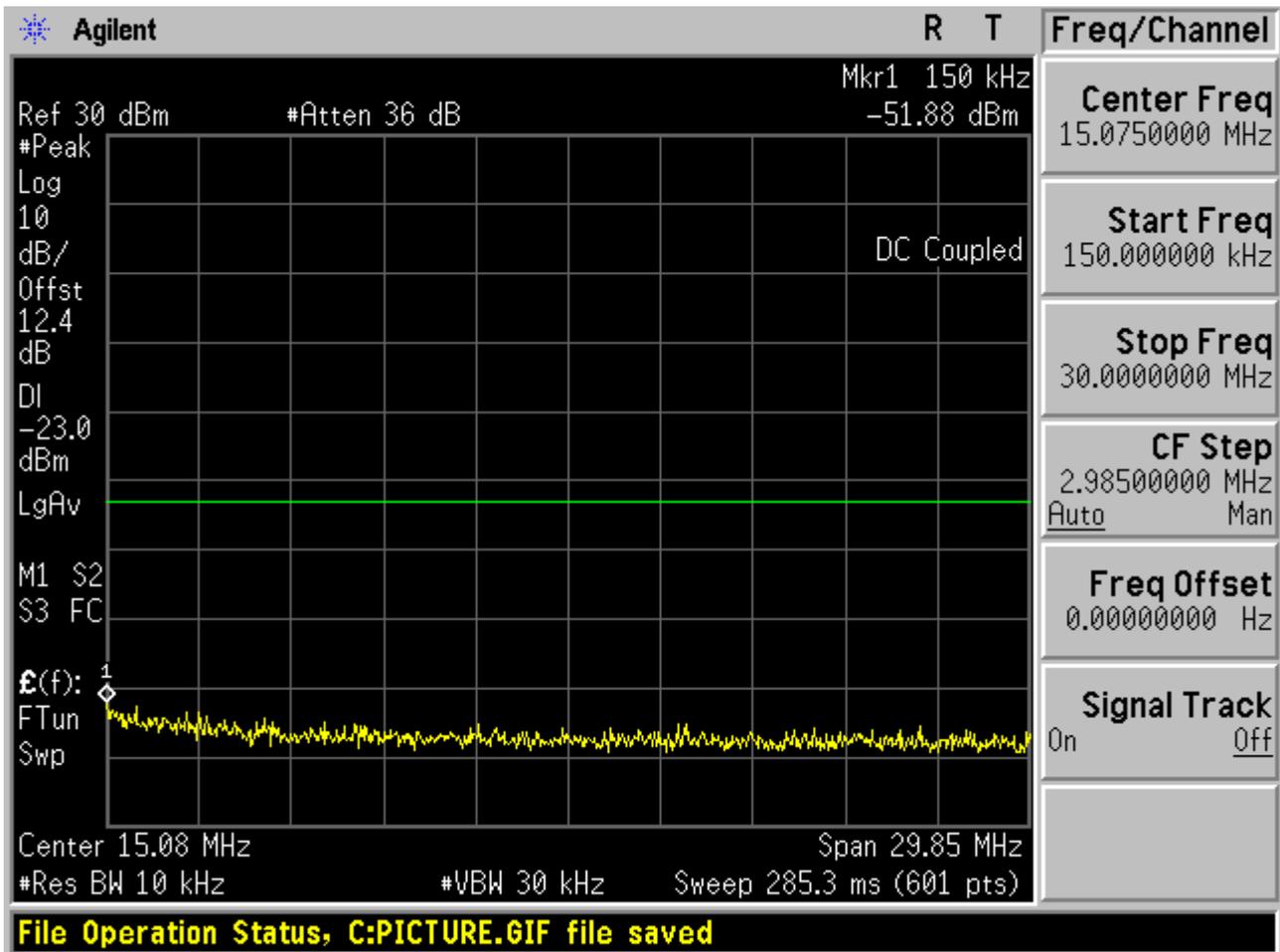


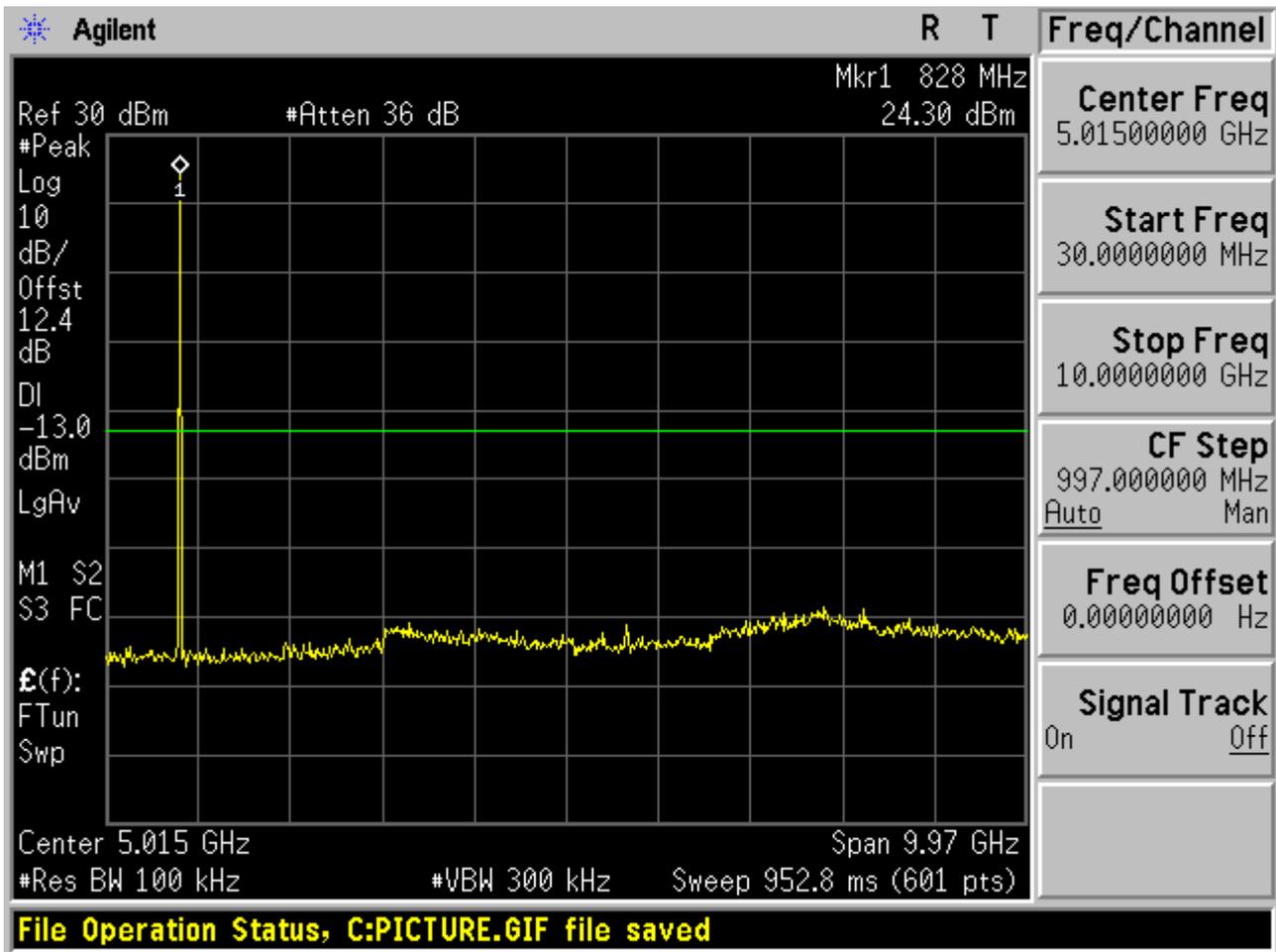
## 2.2.3 Channel Bandwidth = 5 MHz

### 2.2.3.1 Channel = B

#### 2.2.3.1.1 16QAM/1RBs /RB #0



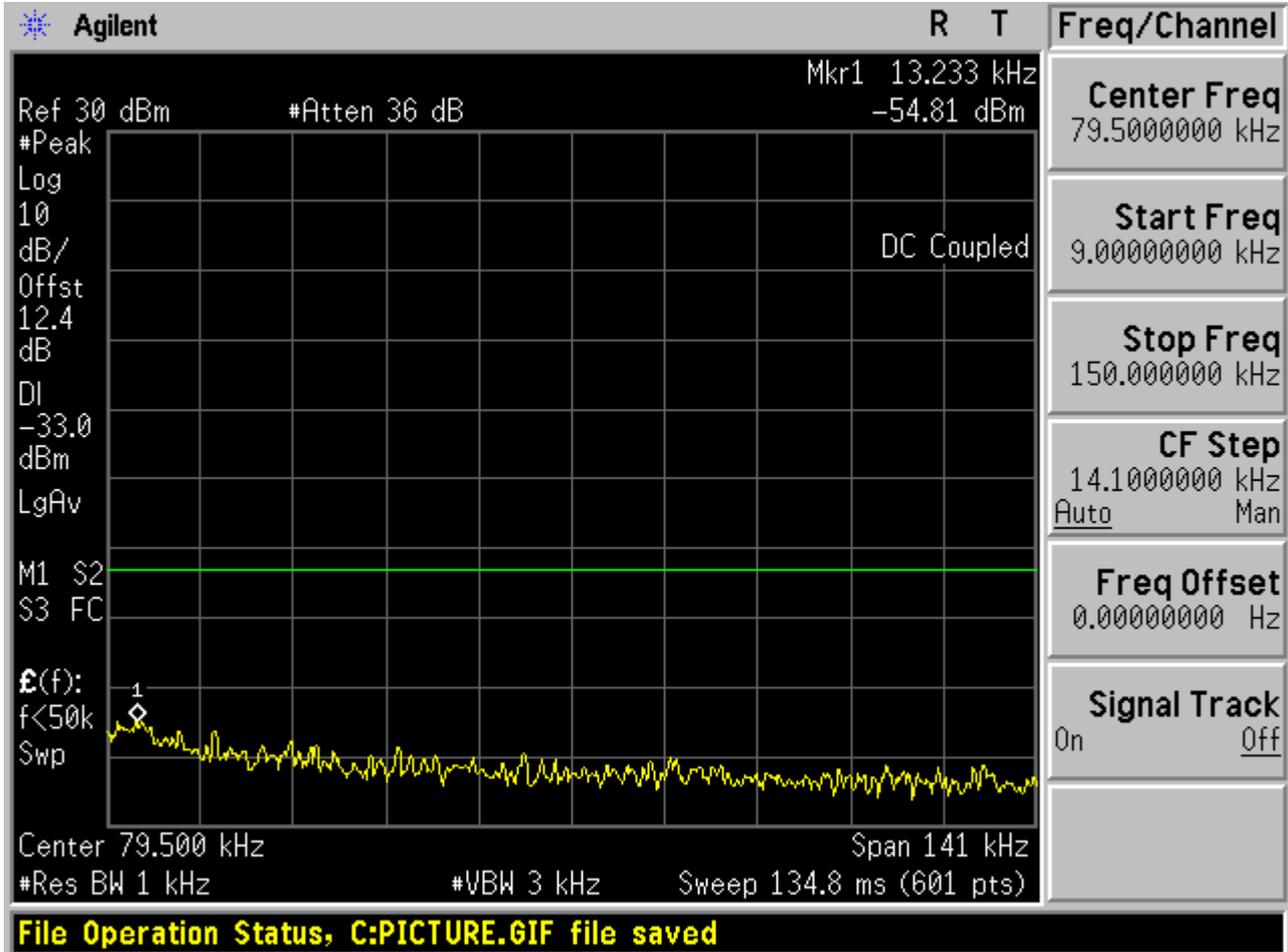


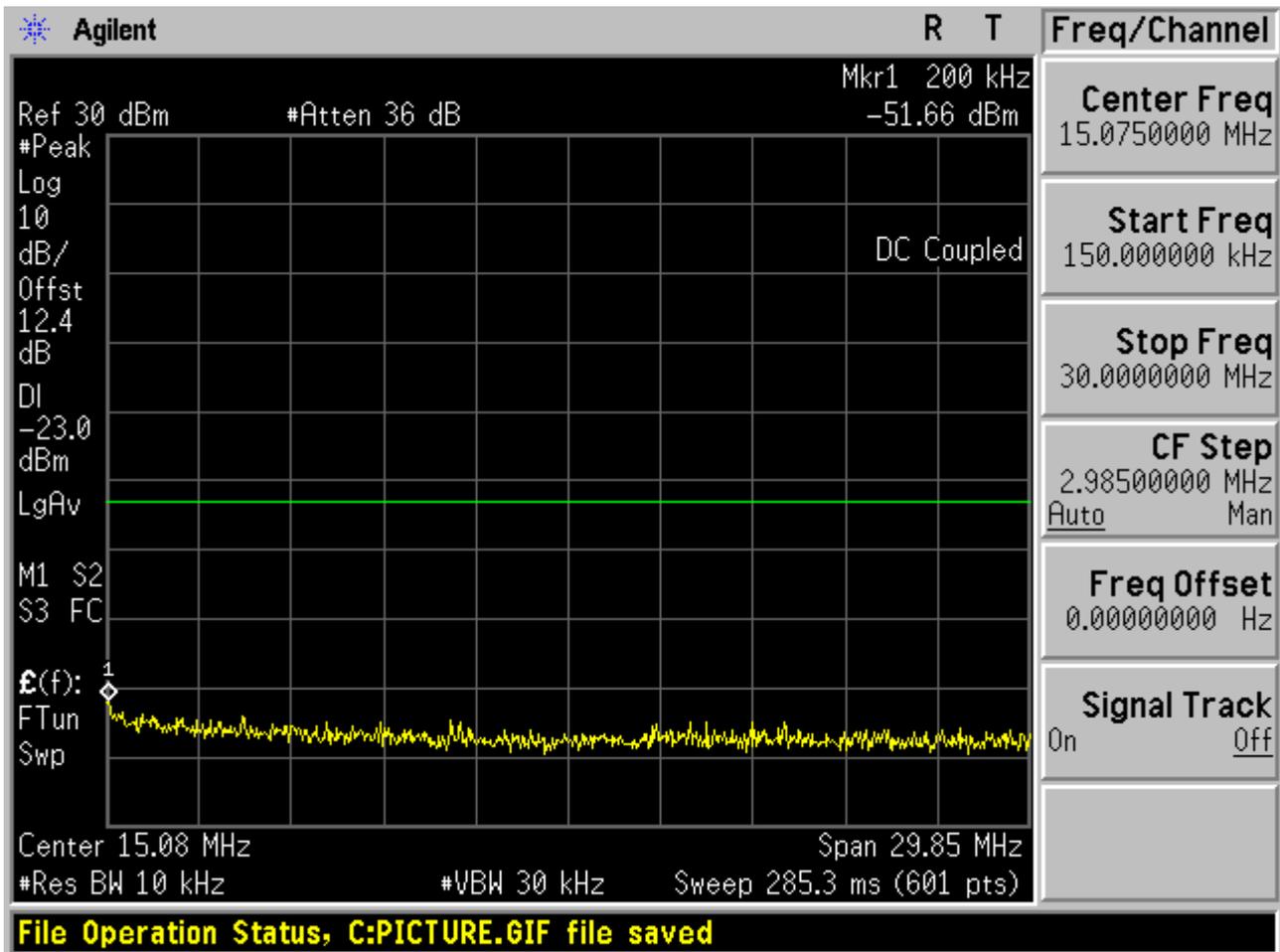


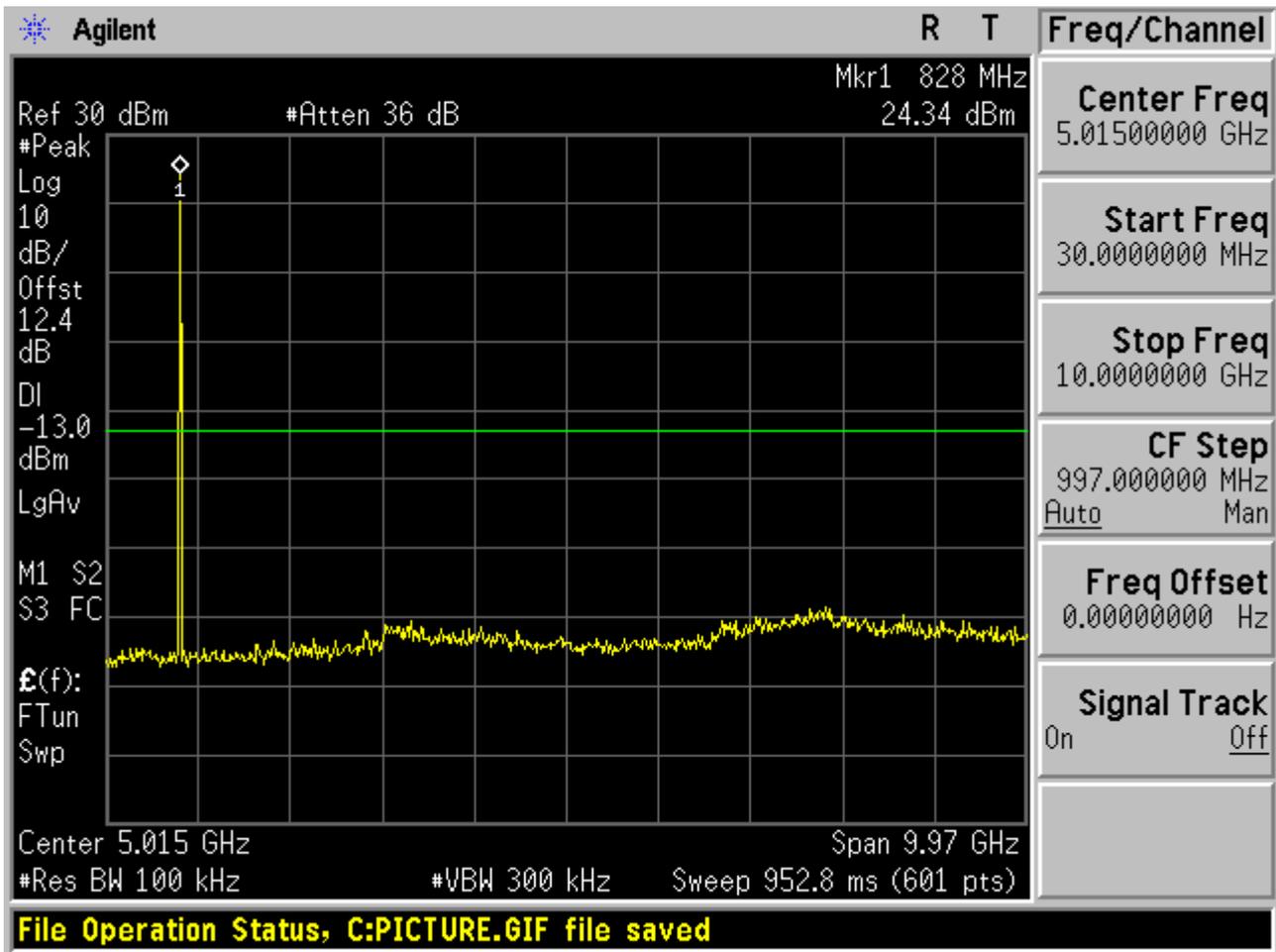


## 2.2.3.2 Channel = M

### 2.2.3.2.1 16QAM/1RBs /RB #0



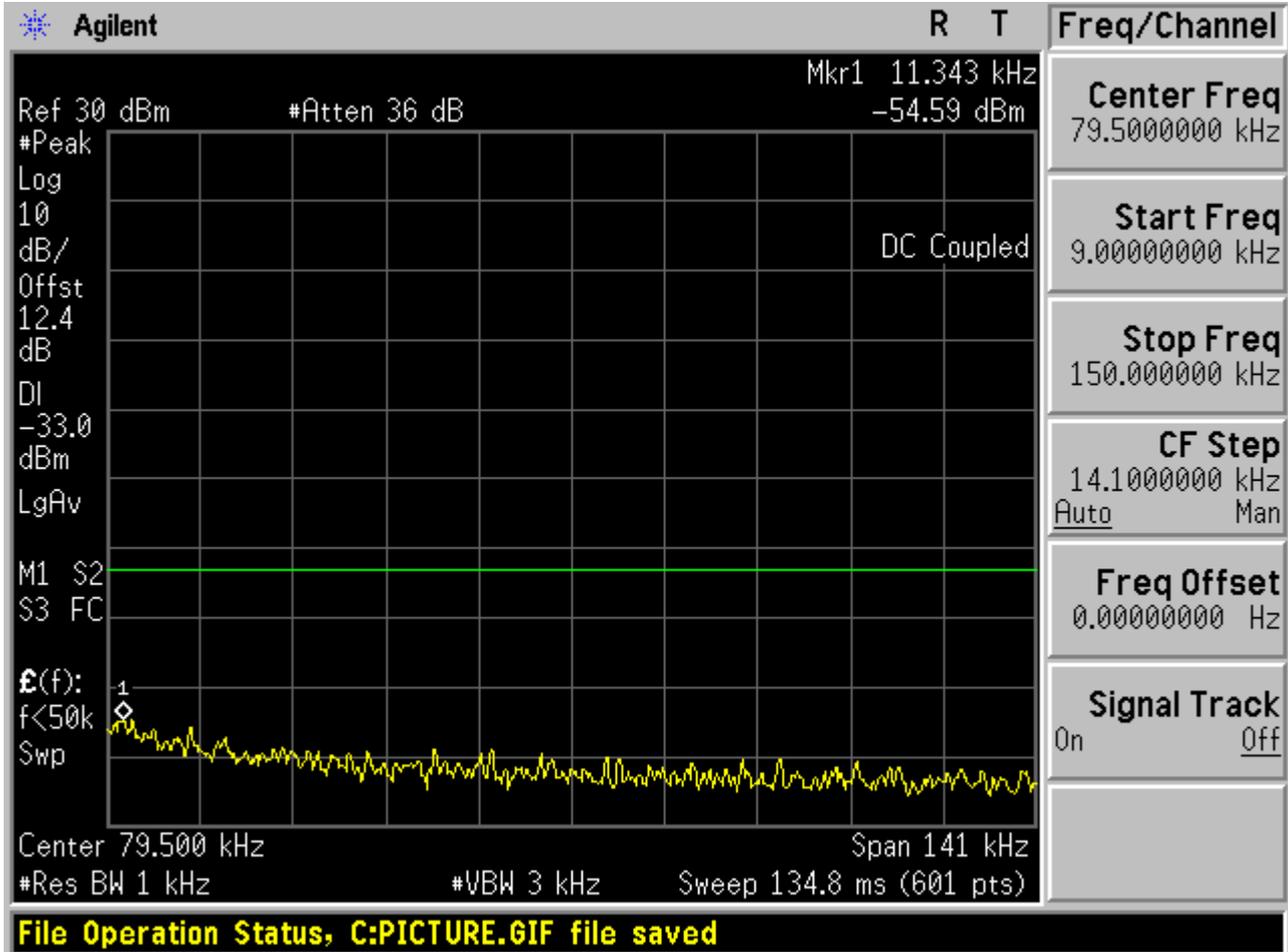


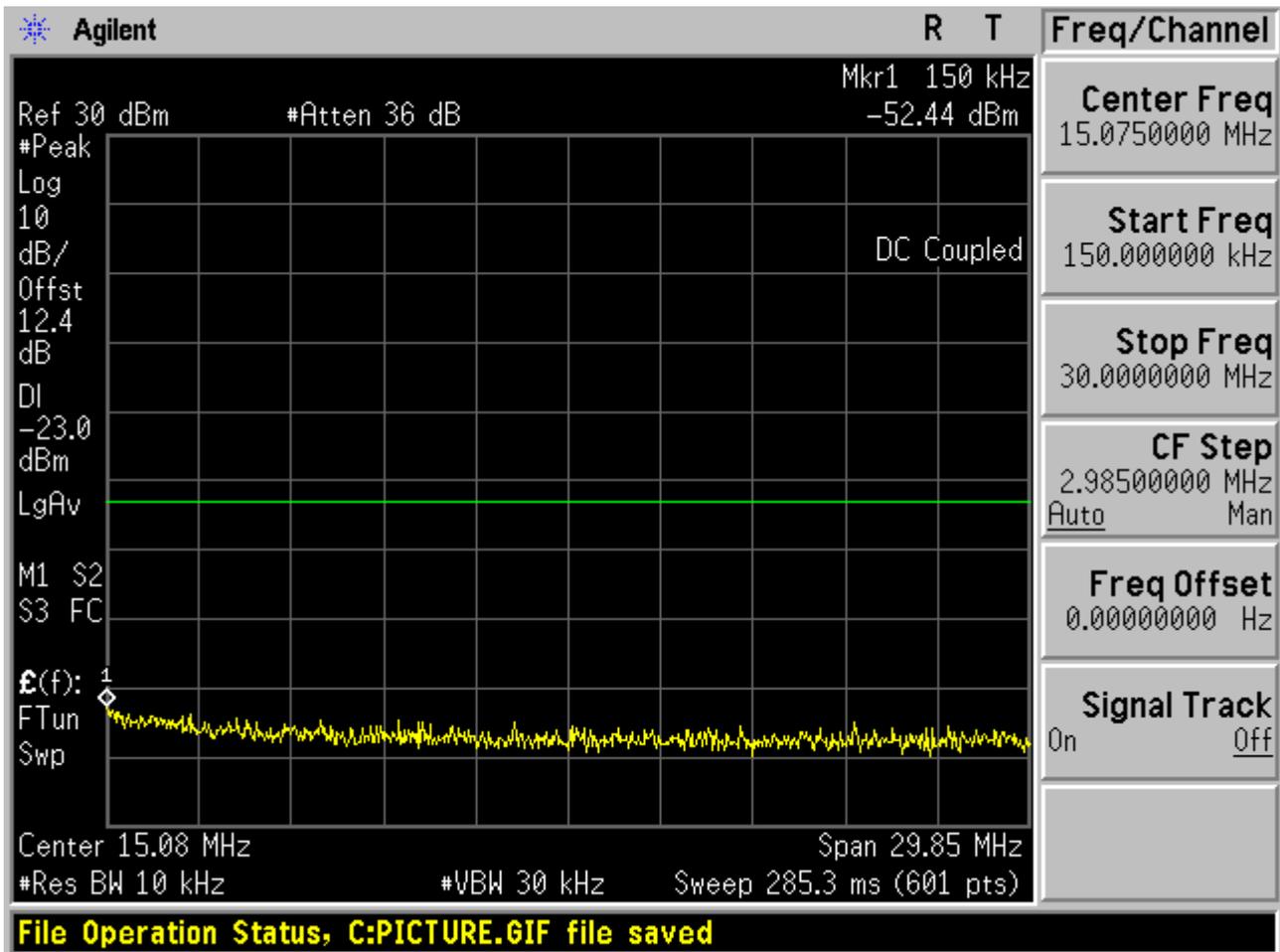


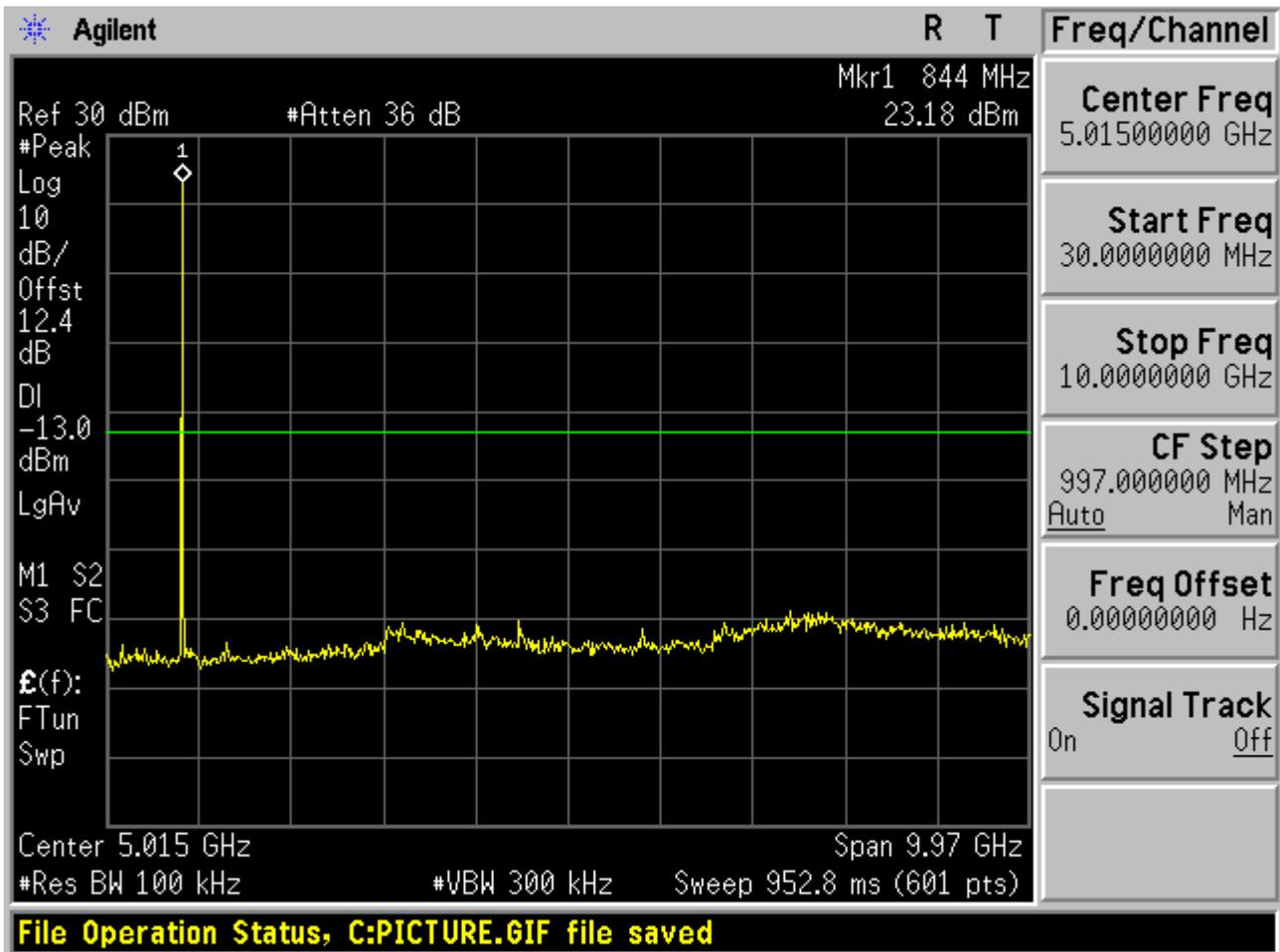


### 2.2.3.3 Channel = T

#### 2.2.3.3.1 16QAM/1RBs /RB #0





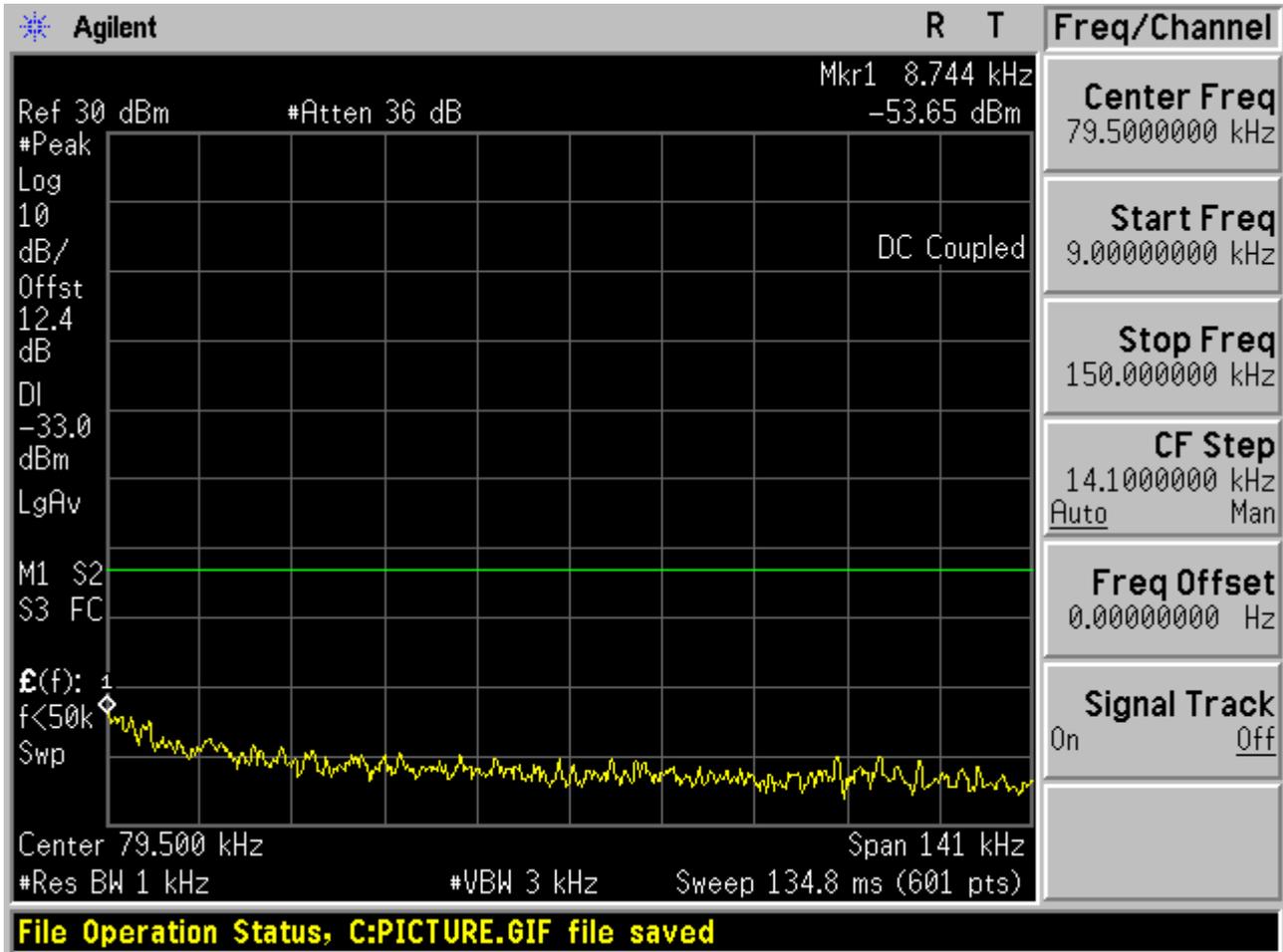


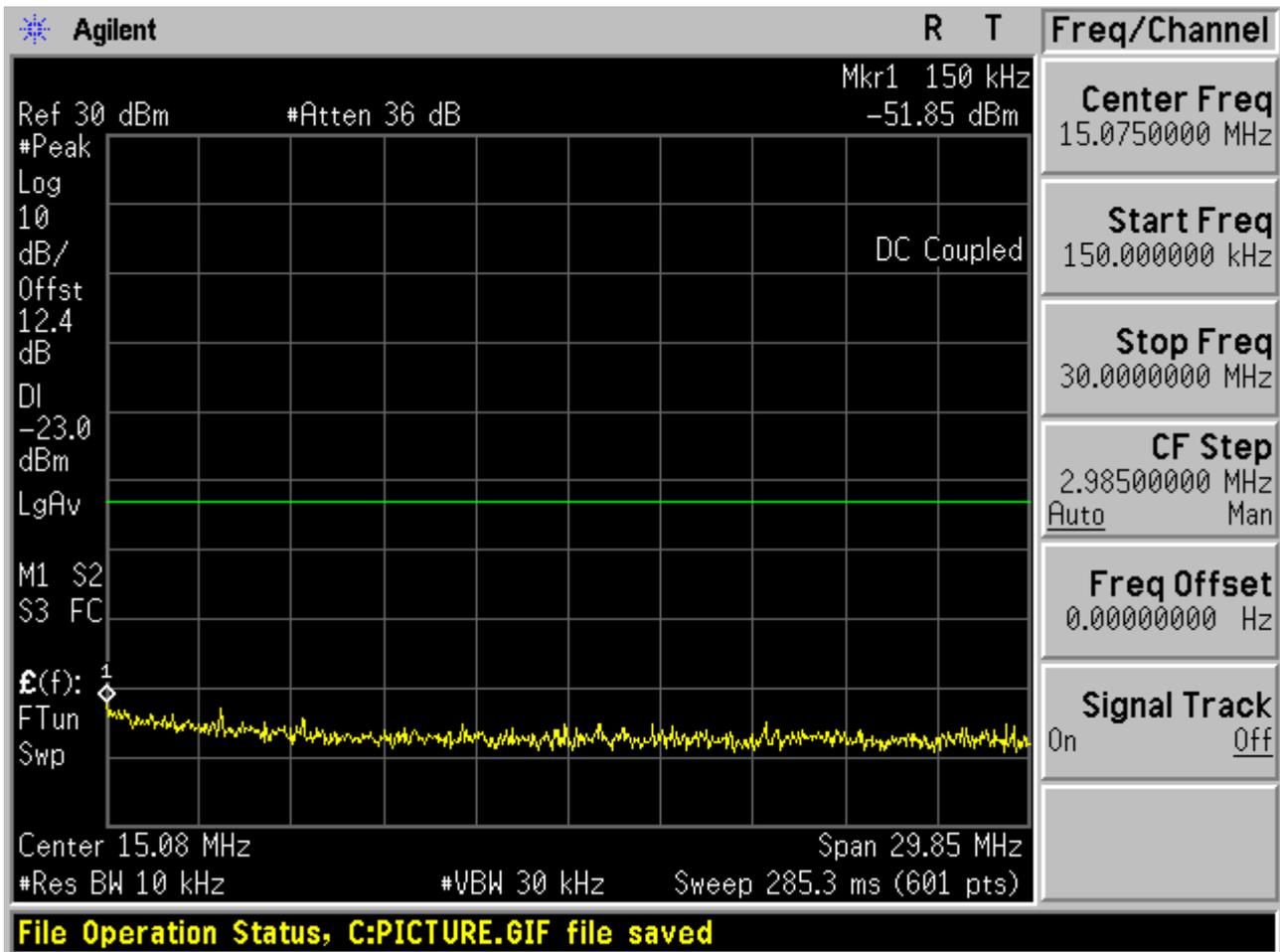


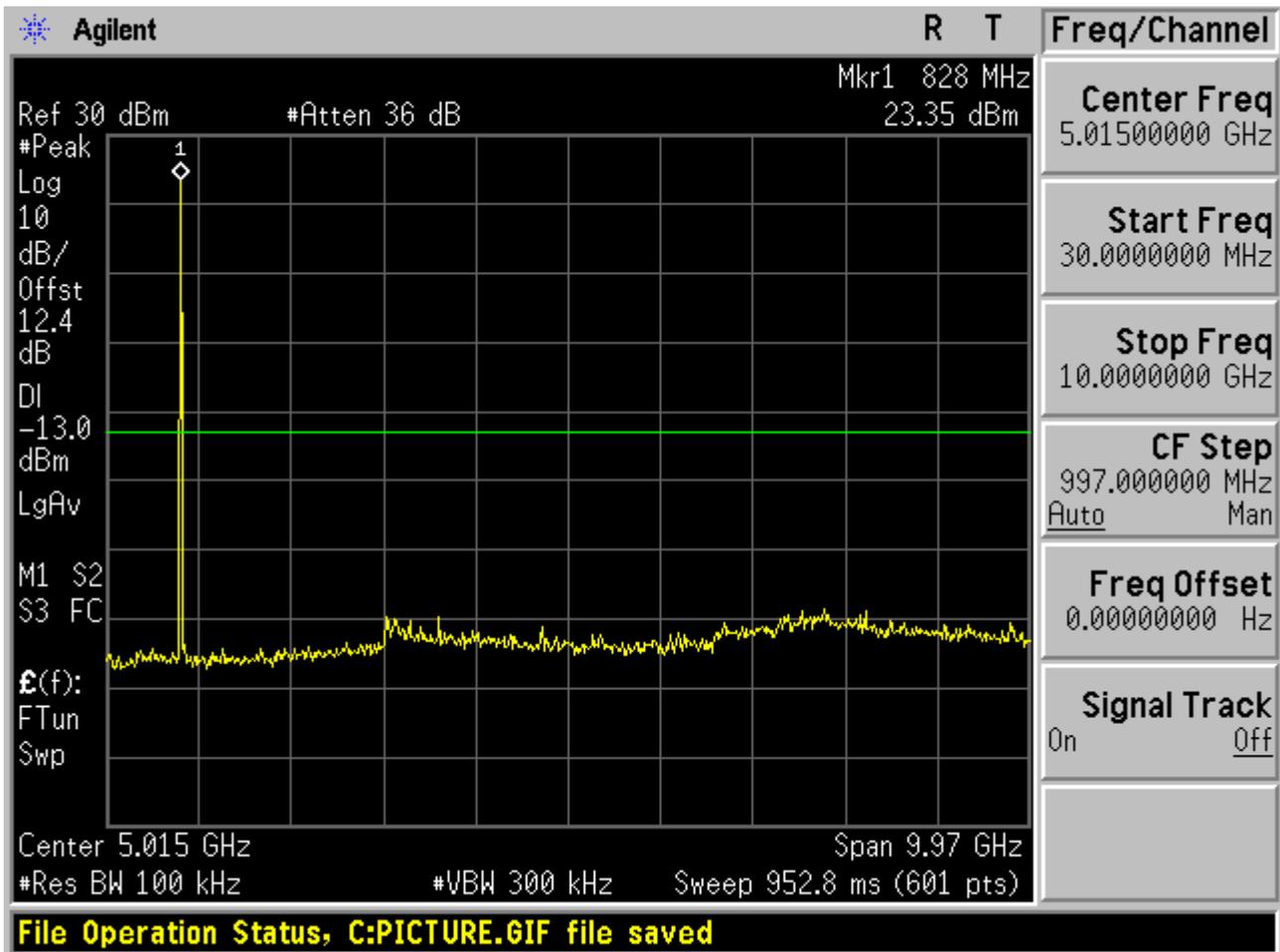
## 2.2.4 Channel Bandwidth = 10 MHz

### 2.2.4.1 Channel = B

#### 2.2.4.1.1 16QAM/1RBs /RB #0



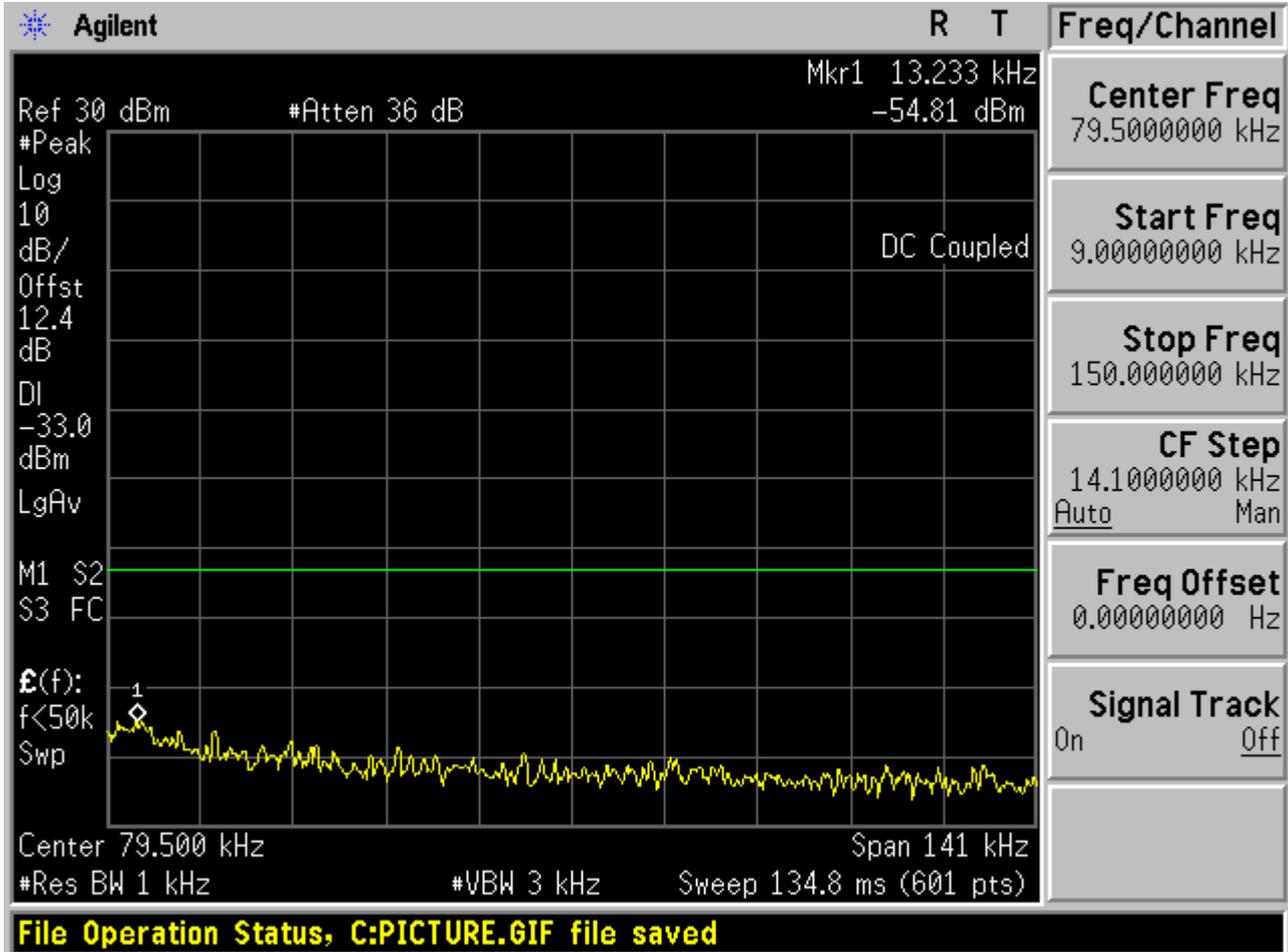


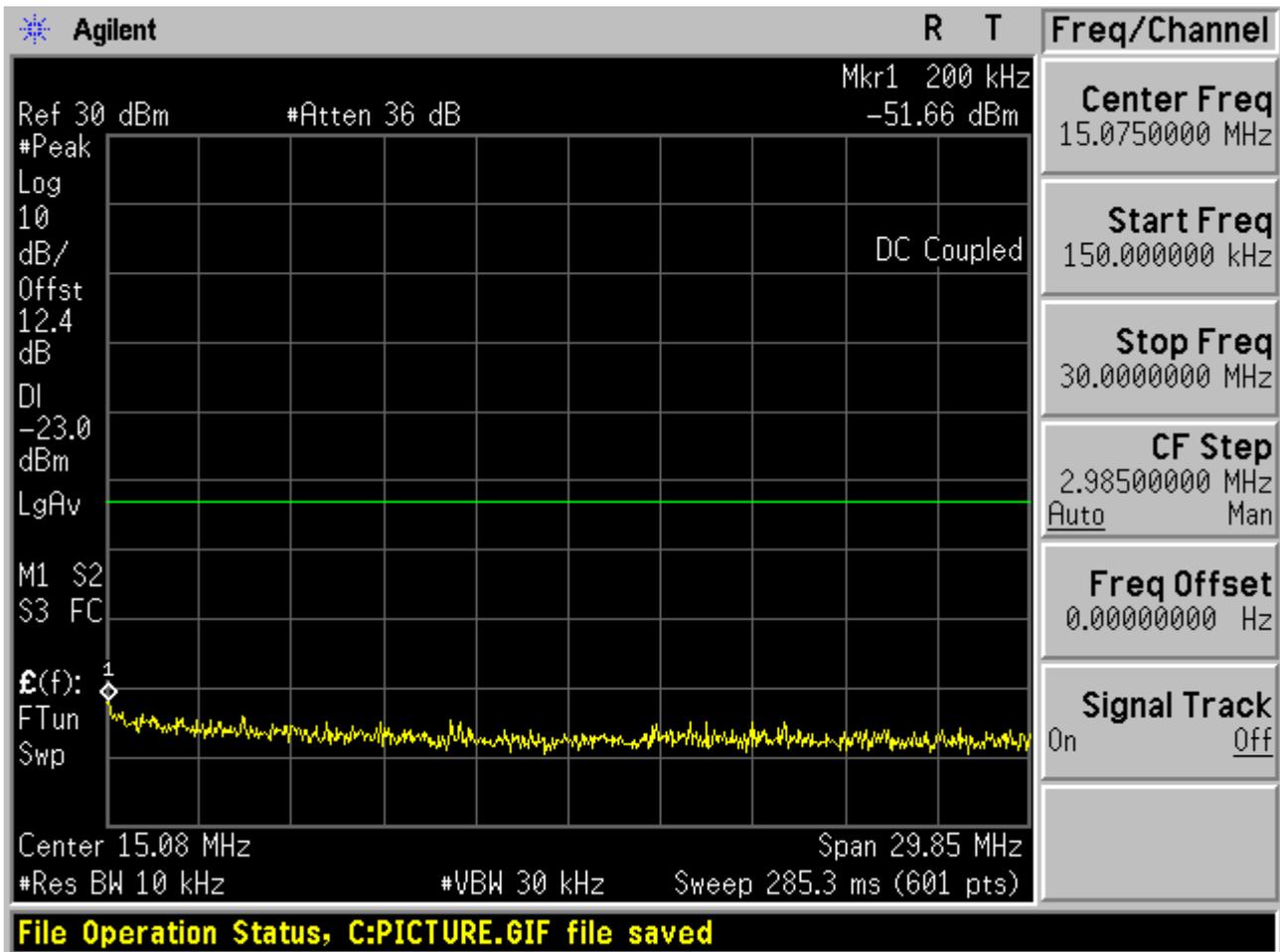


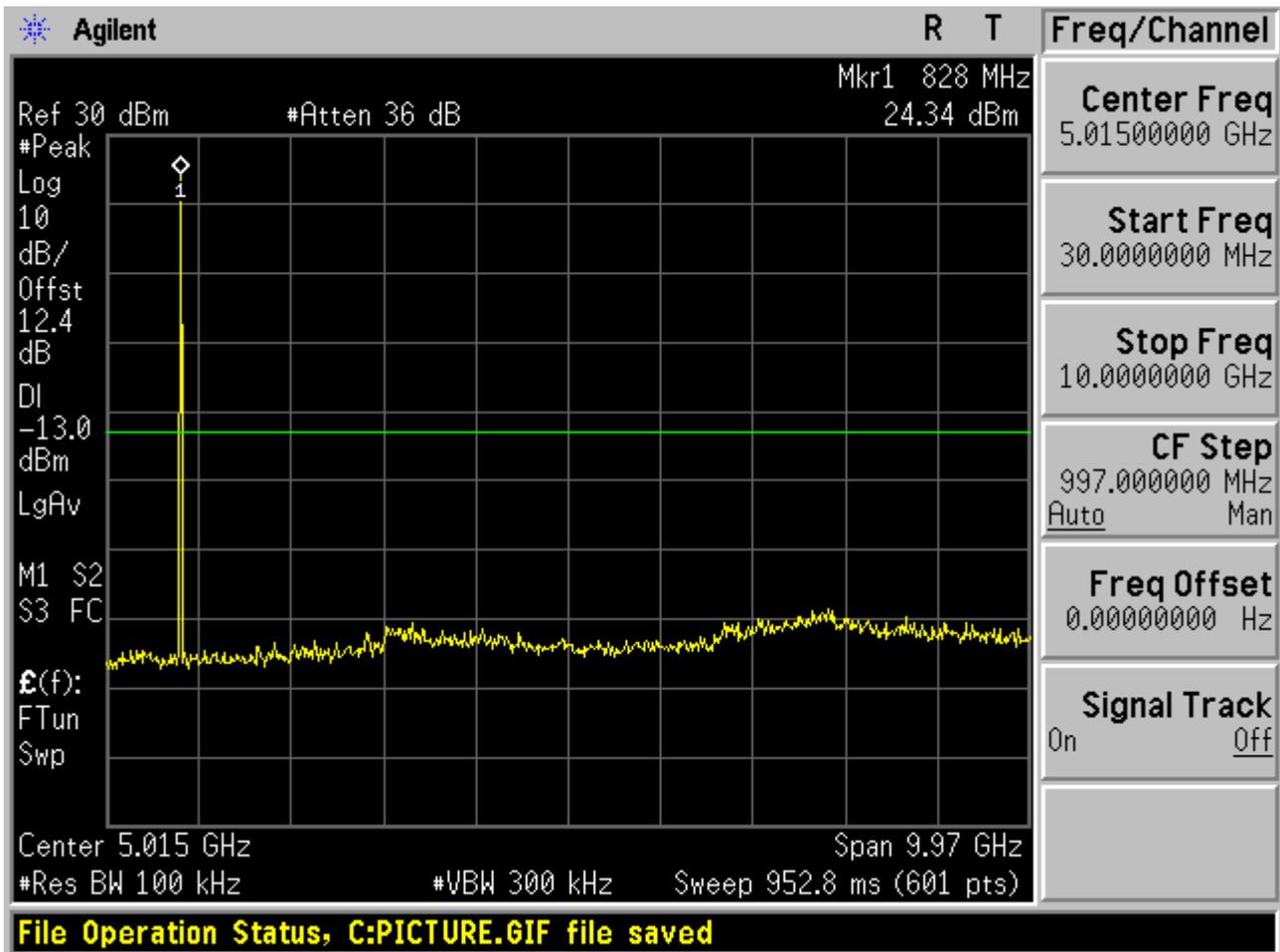


## 2.2.4.2 Channel = M

### 2.2.4.2.1 16QAM/1RBs /RB #0



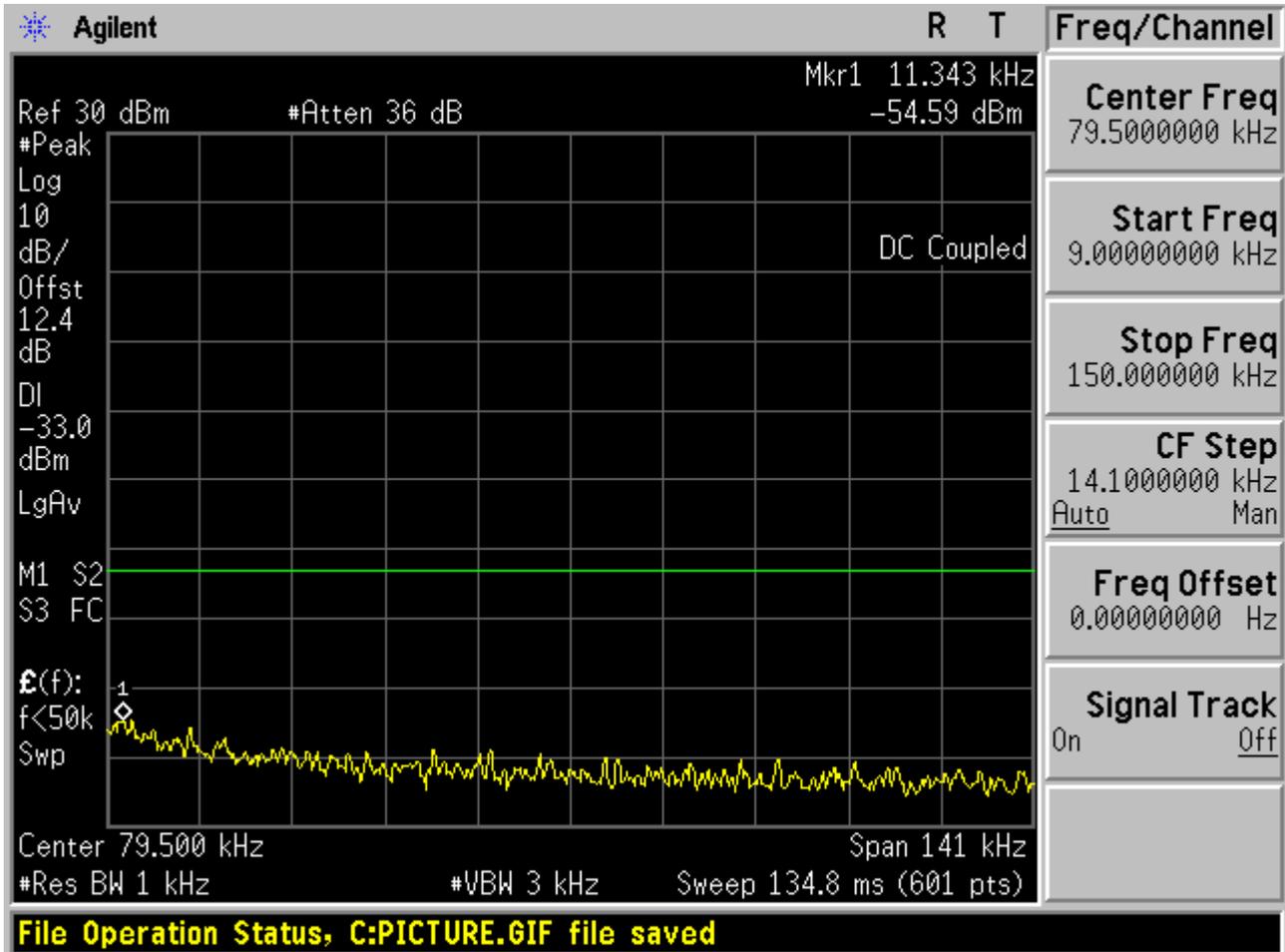


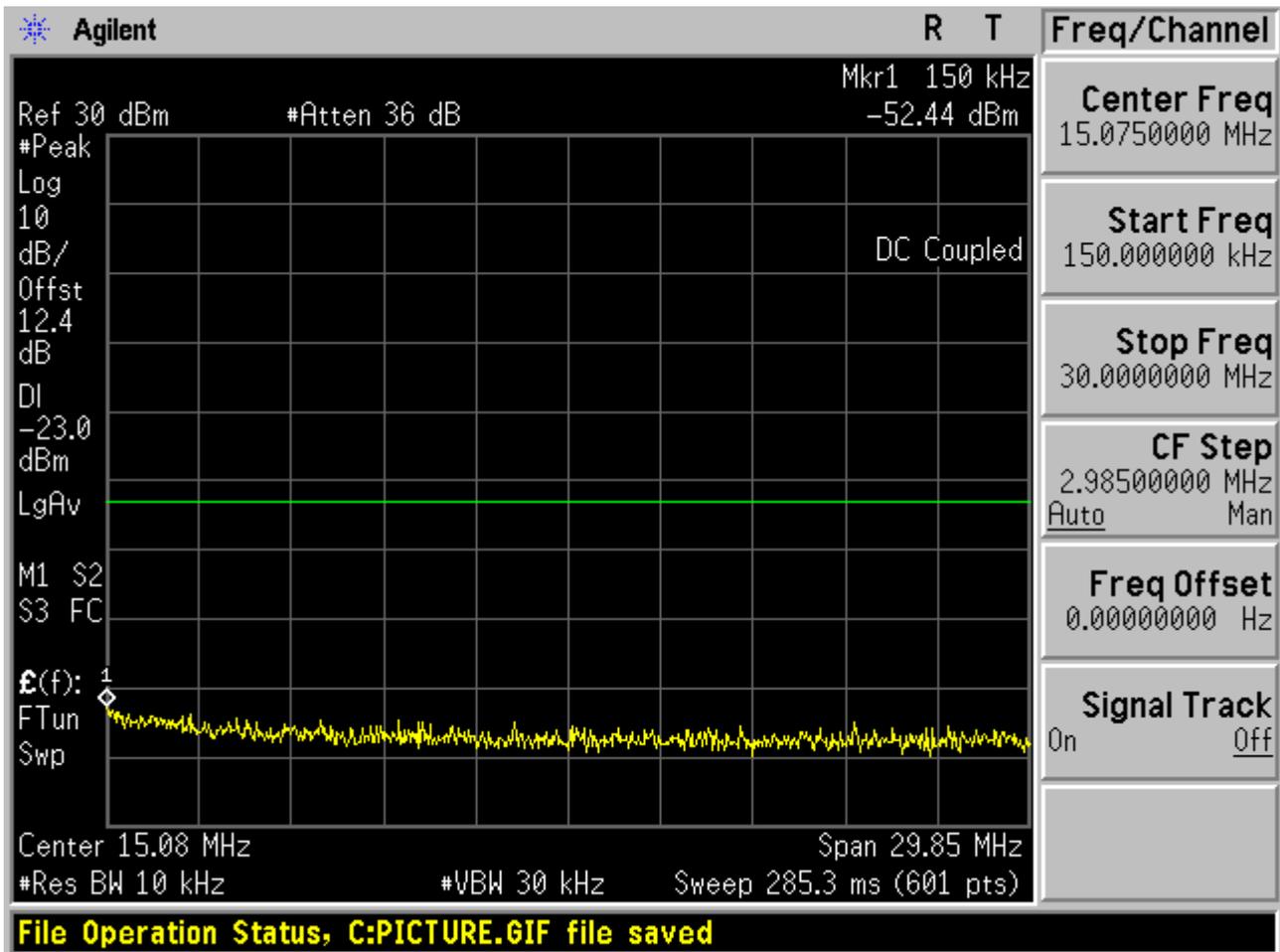


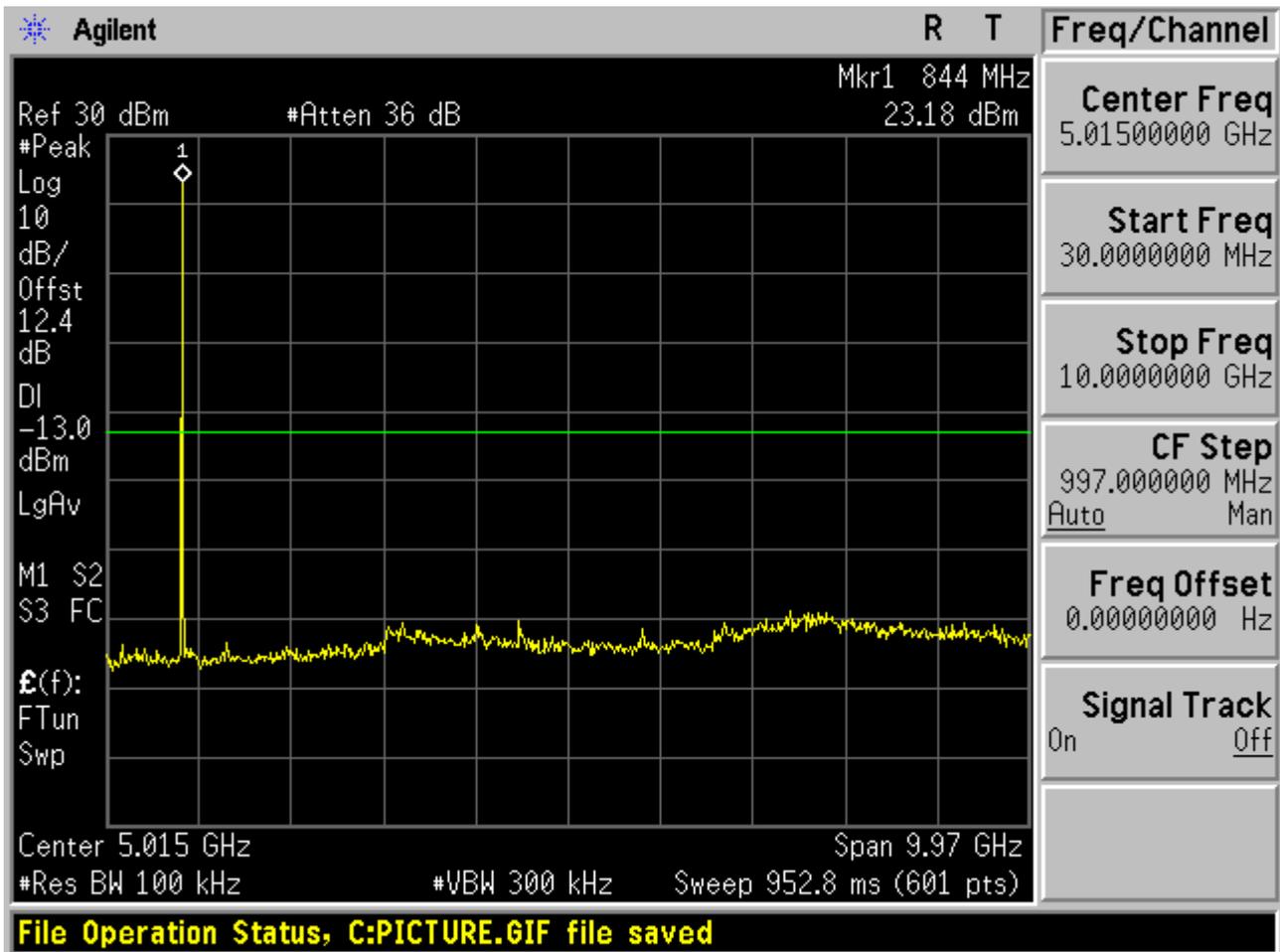


### 2.2.4.3 Channel = T

#### 2.2.4.3.1 16QAM/1RBs /RB #0







-----END-----