Appendix E

Spurious Emission at Antenna Terminal

According to FCC Part 2.1051 & Part 27.53(g)
According to IC RSS-Gen,§4.9 & RSS-130,§4.6

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1 For Band 17

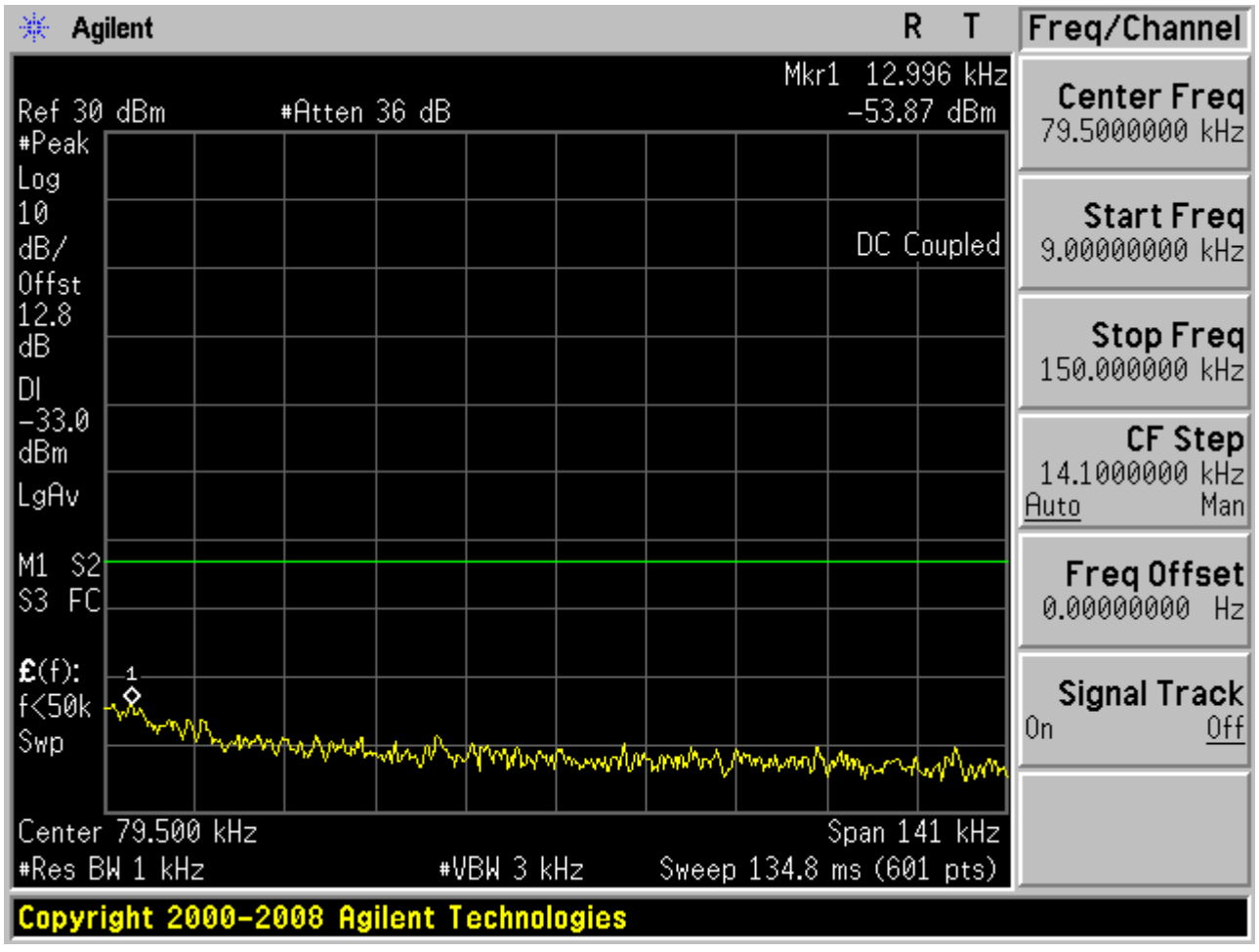
NOTE1: All relevant operation modes have been tested, and the 1RBs /RB#0 case data is included in this report.

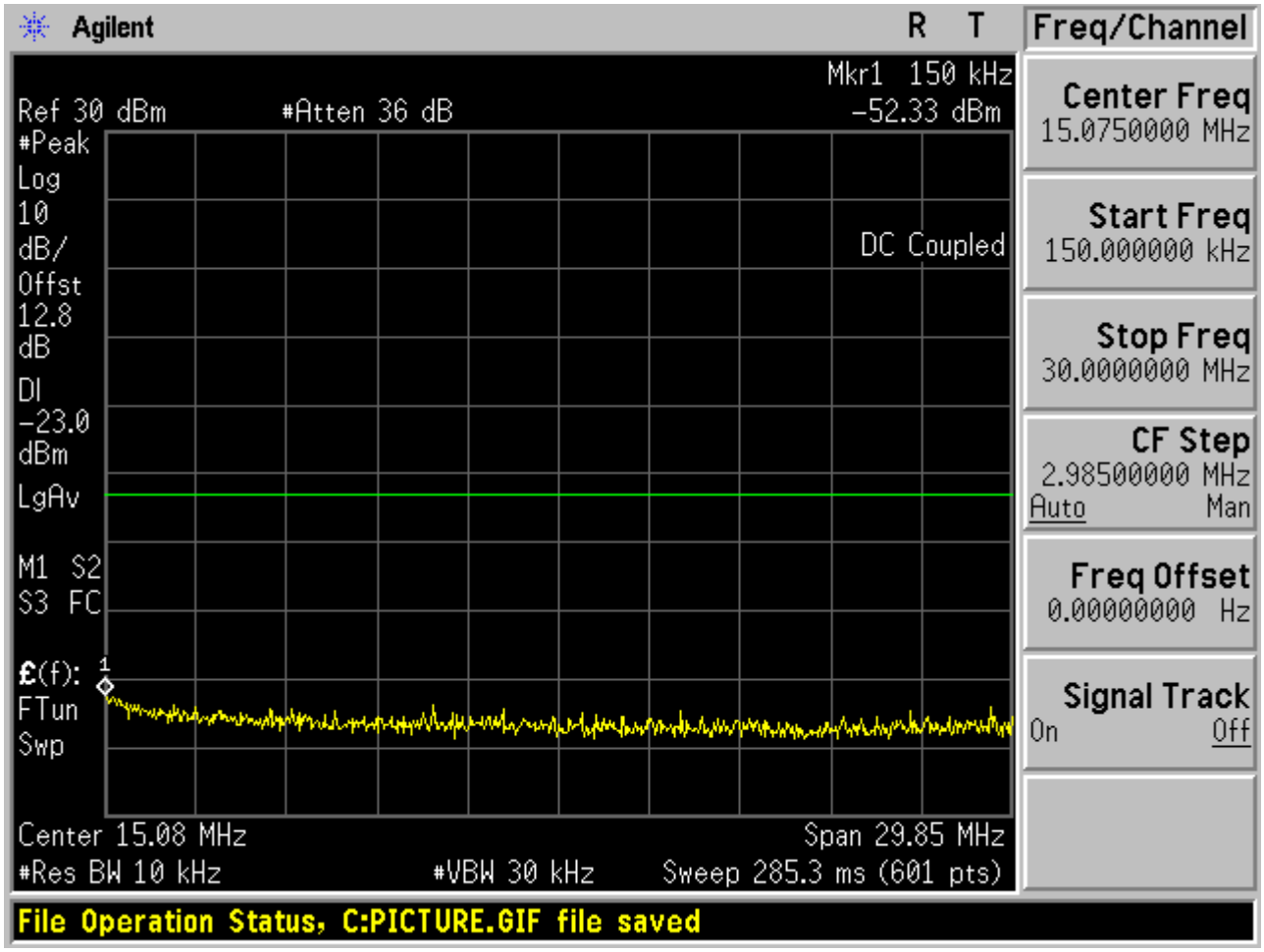
1.1 Test Mode=TM1

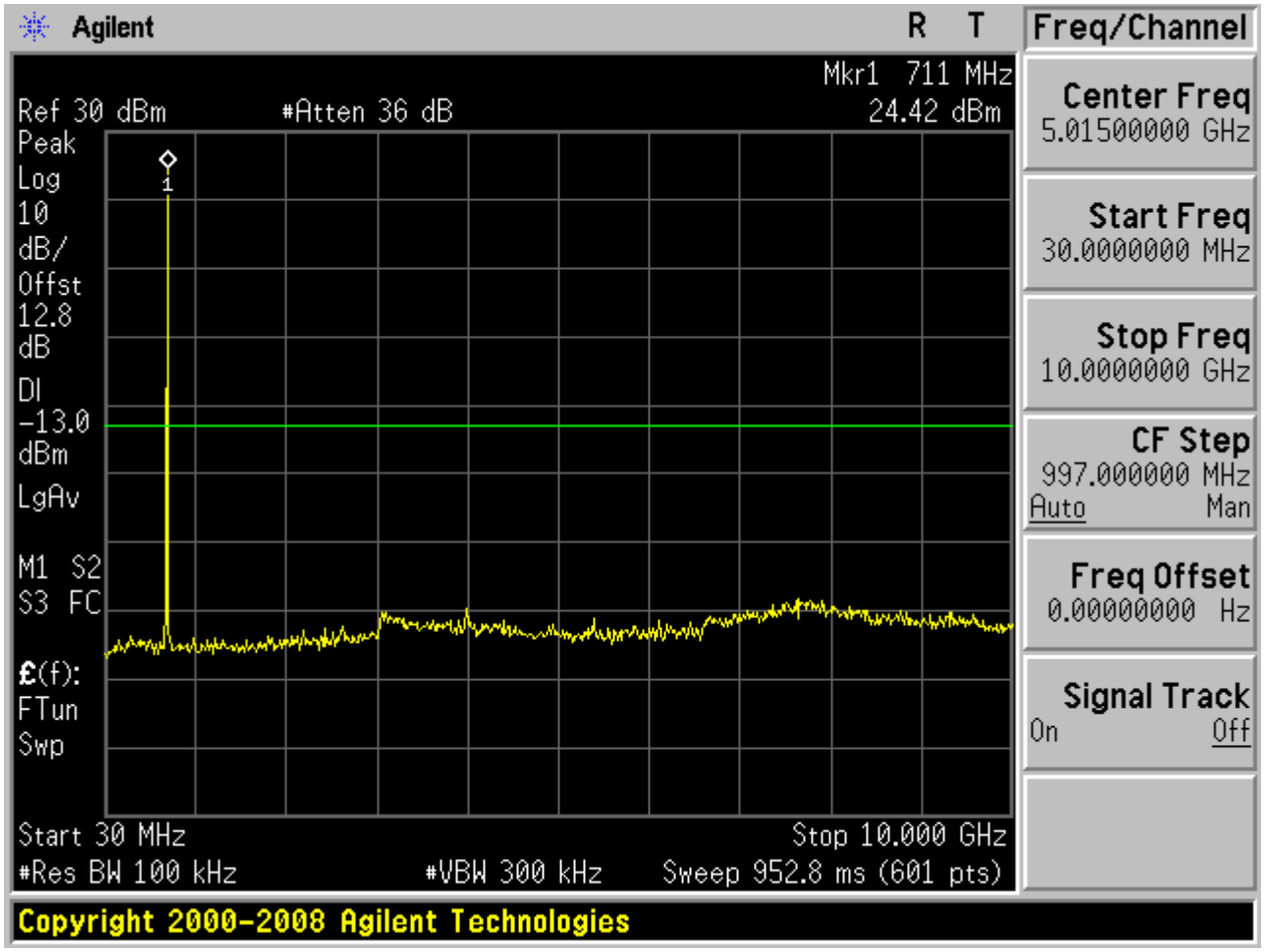
1.1.1 Channel Bandwidth = 5 MHz

1.1.1.1 Channel = B

1.1.1.1.1 QPSK/1RBs /RB #0




Agilent
R T
Freq/Channel
Mkr1 150 kHz
Ref 30 dBm
#Atten 36 dB
-52.33 dBm
#Peak
Log
10
dB/
Offst
12.8
dB
Dl
-23.0
dBm
LgAv
DC Coupled
M1 S2
S3 FC
£(f):
FTun
Swp
Center Freq
15.0750000 MHz
Start Freq
150.000000 kHz
Stop Freq
30.0000000 MHz
CF Step
2.98500000 MHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Center 15.08 MHz
Span 29.85 MHz
#Res BW 10 kHz
#VBW 30 kHz
Sweep 285.3 ms (601 pts)
File Operation Status, C:PICTURE.GIF file saved


Agilent
R T
Freq/Channel
Mkr1 711 MHz
24.42 dBm
Ref 30 dBm
#Atten 36 dB
Peak
Log
10
dB/
Offst
12.8
dB
Dl
-13.0
dBm
LgAv
M1 S2
S3 FC
£(f):
FTun
Swp
Center Freq
5.01500000 GHz
Start Freq
30.0000000 MHz
Stop Freq
10.0000000 GHz
CF Step
997.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Start 30 MHz
Stop 10.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 952.8 ms (601 pts)
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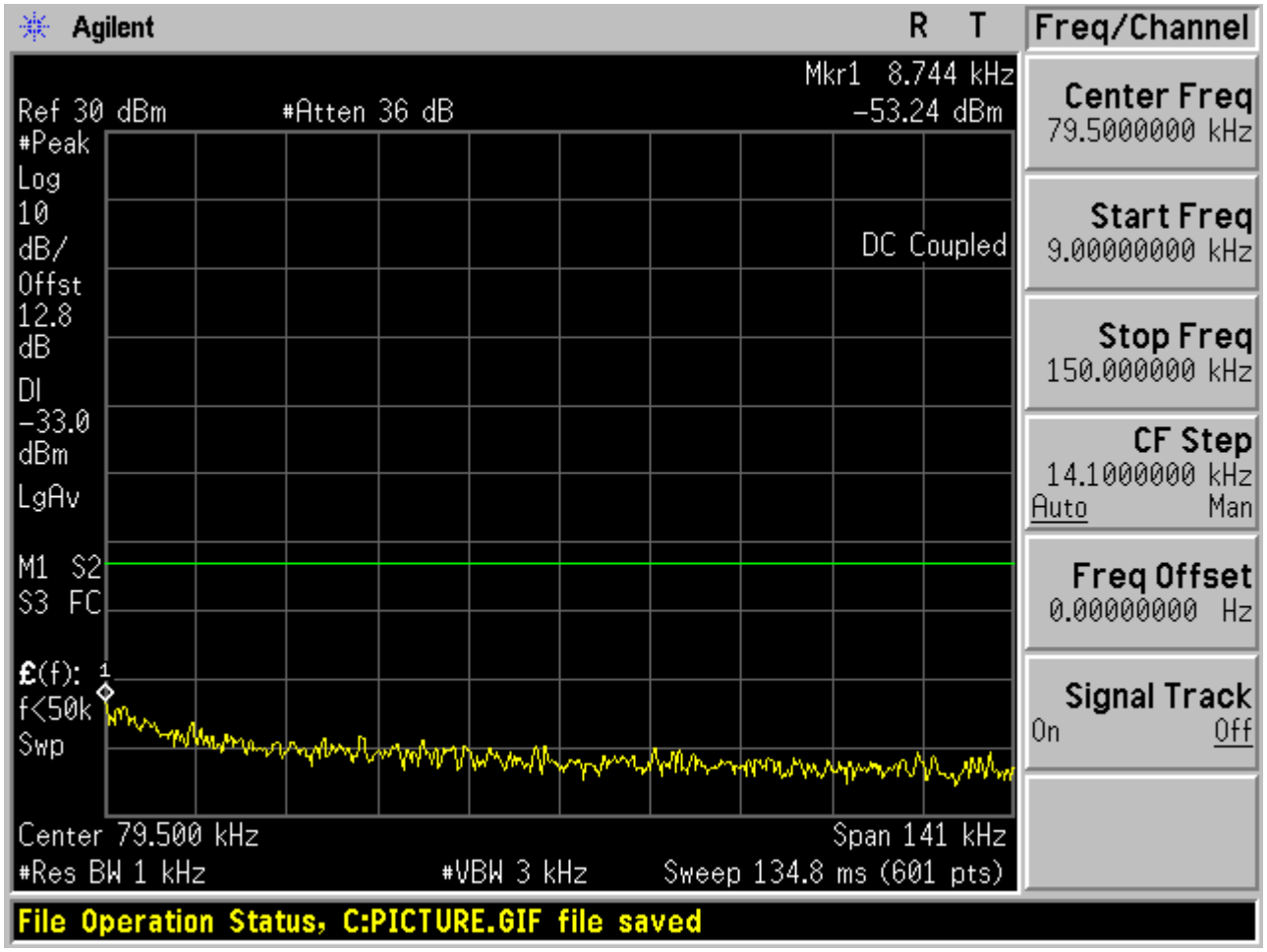
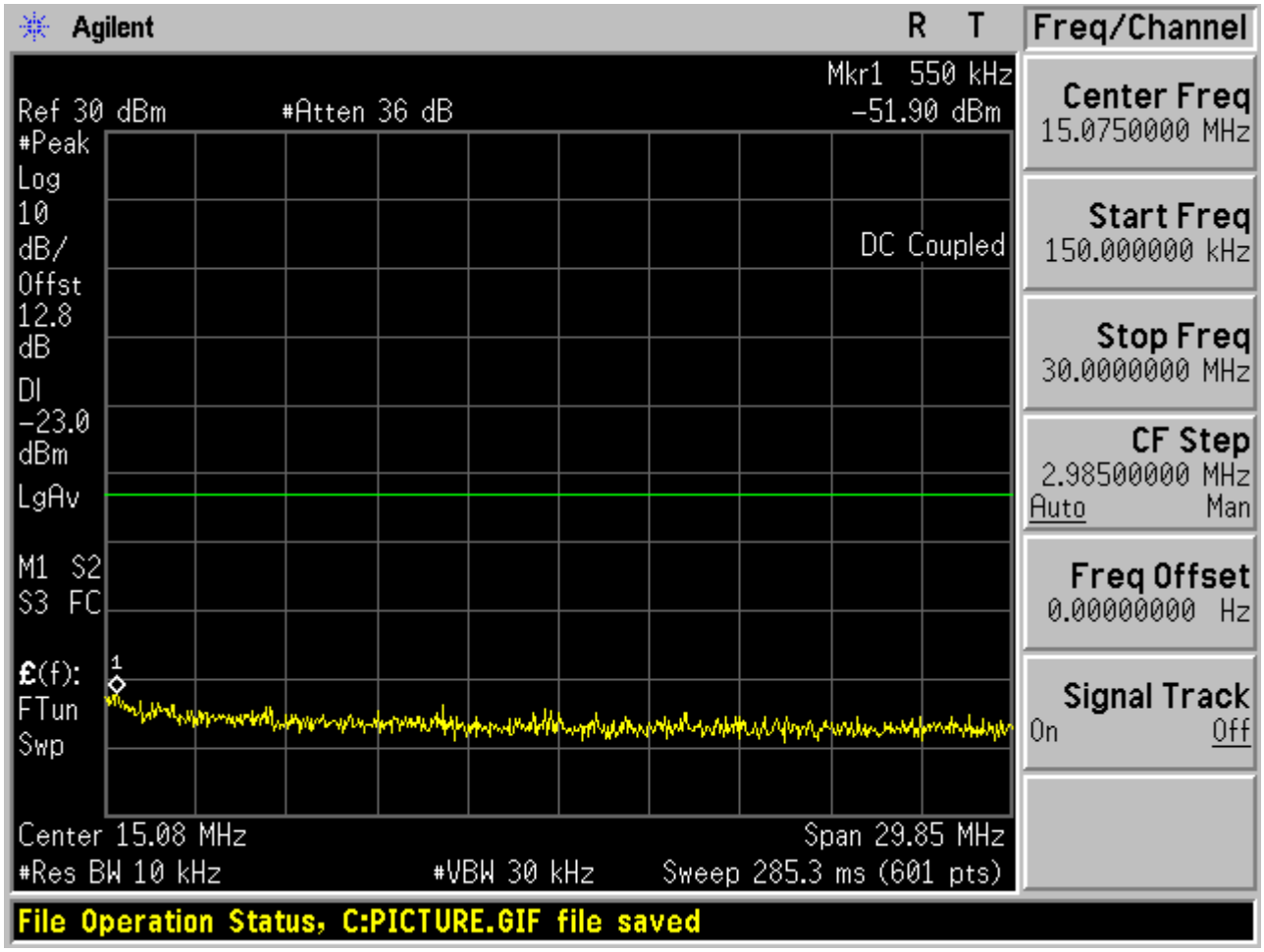
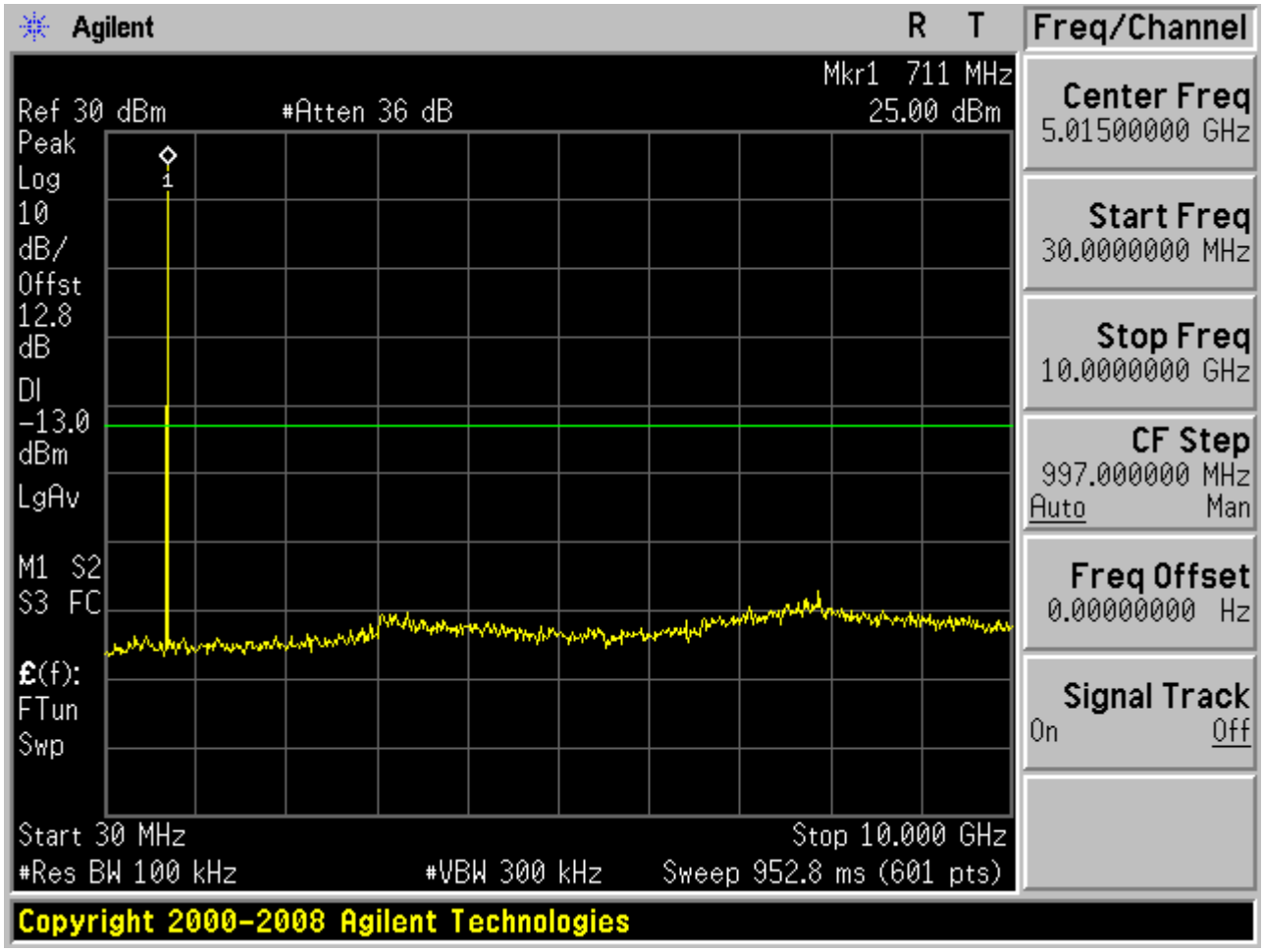
1.1.1.2 Channel = M

1.1.1.2.1 QPSK/1RBs /RB #0




Agilent
R T
Freq/Channel
Mkr1 550 kHz
Ref 30 dBm
#Atten 36 dB
-51.90 dBm
#Peak
Log
10
dB/
Offst
12.8
dB
Dl
-23.0
dBm
LgAv
DC Coupled
M1 S2
S3 FC
£(f):
FTun
Swp
Center Freq
15.0750000 MHz
Start Freq
150.000000 kHz
Stop Freq
30.0000000 MHz
CF Step
2.98500000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Center 15.08 MHz
Span 29.85 MHz
#Res BW 10 kHz
#VBW 30 kHz
Sweep 285.3 ms (601 pts)
File Operation Status, C:PICTURE.GIF file saved


Agilent
R T
Freq/Channel
Mkr1 711 MHz
Ref 30 dBm
#Atten 36 dB
25.00 dBm
Peak
Log
10
dB/
Offst
12.8
dB
Dl
-13.0
dBm
LgAv
M1 S2
S3 FC
£(f):
FTun
Swp
Center Freq
5.01500000 GHz
Start Freq
30.0000000 MHz
Stop Freq
10.0000000 GHz
CF Step
997.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Start 30 MHz
Stop 10.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 952.8 ms (601 pts)
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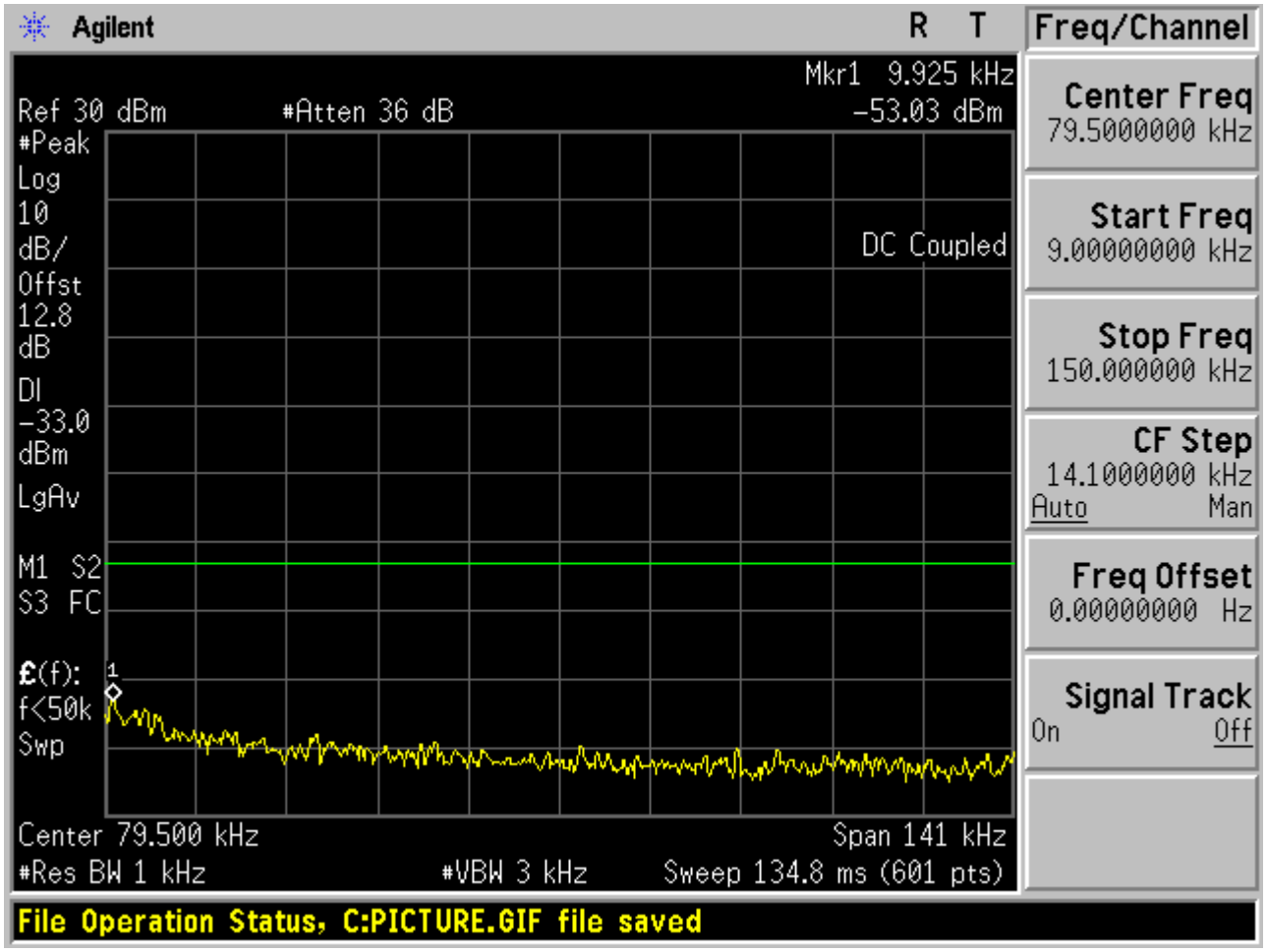
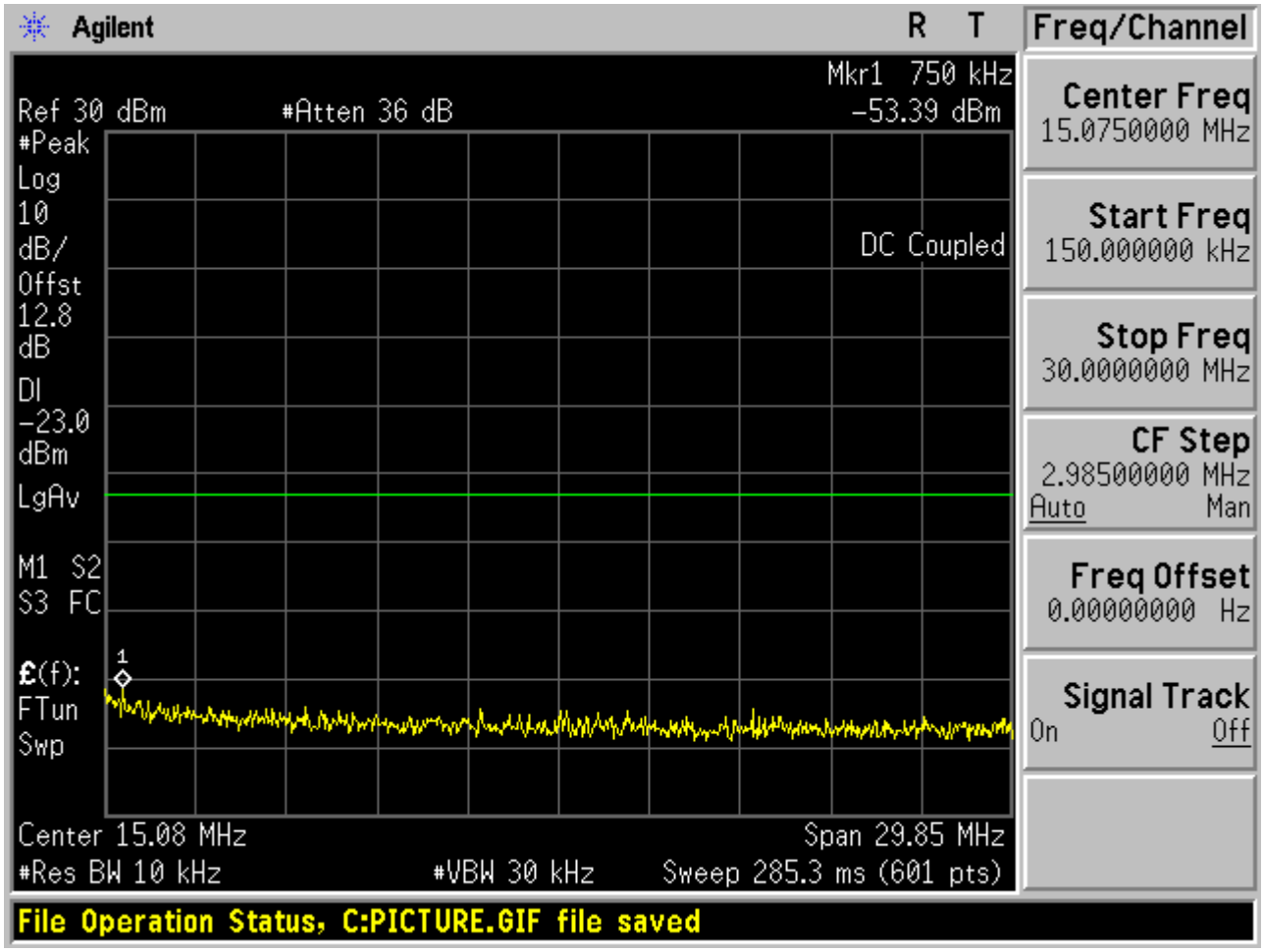
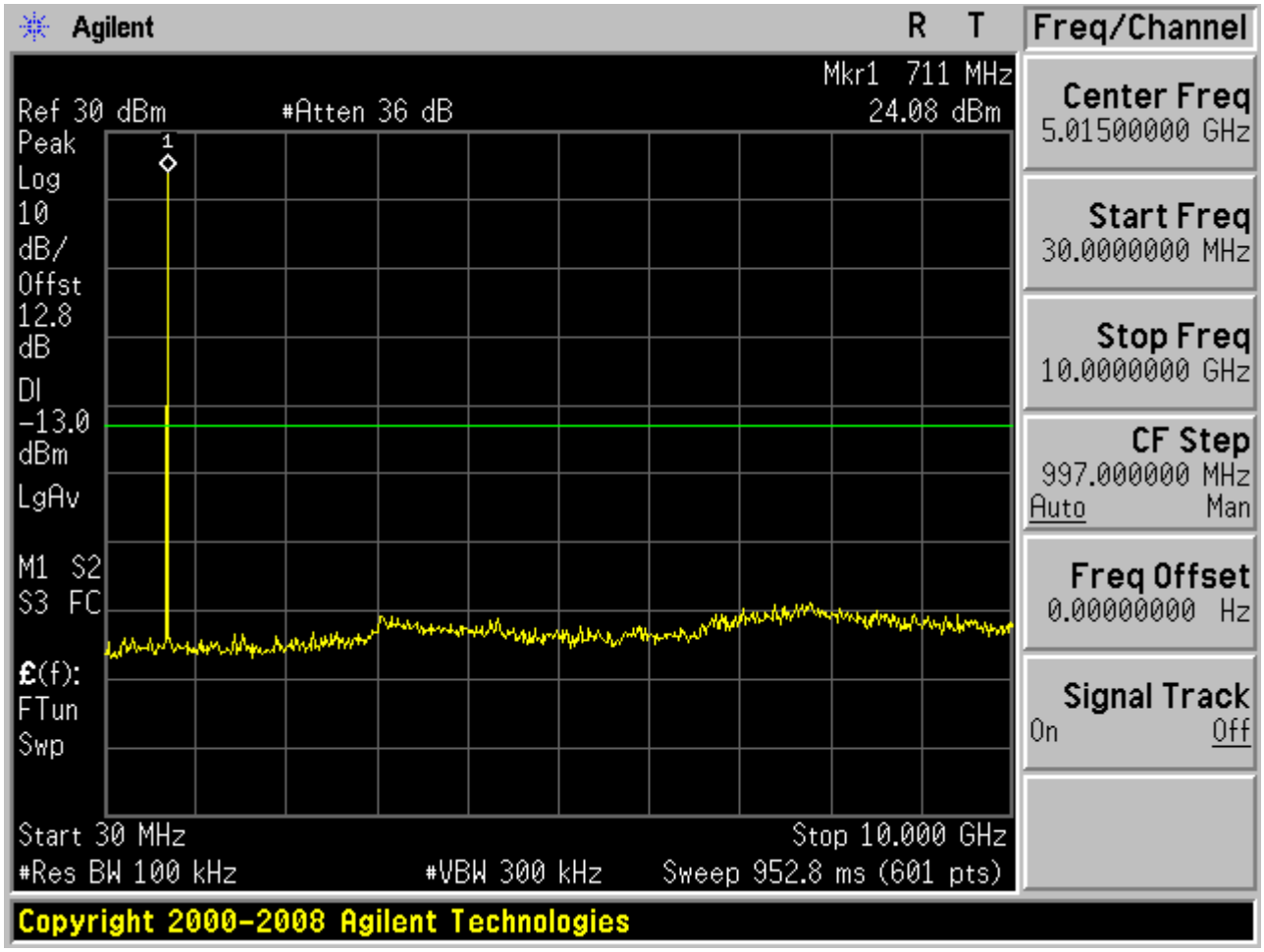
1.1.1.3 Channel = T

1.1.1.3.1 QPSK/1RBs /RB #0




Agilent
R T
Freq/Channel
Mkr1 750 kHz
Ref 30 dBm
#Atten 36 dB
-53.39 dBm
#Peak
Log
10
dB/
Offst
12.8
dB
Dl
-23.0
dBm
LgAv
DC Coupled
M1 S2
S3 FC
£(f):
FTun
Swp
1
Center 15.08 MHz
Span 29.85 MHz
#Res BW 10 kHz
#VBW 30 kHz
Sweep 285.3 ms (601 pts)
Center Freq
15.0750000 MHz
Start Freq
150.000000 kHz
Stop Freq
30.0000000 MHz
CF Step
2.98500000 MHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
File Operation Status, C:PICTURE.GIF file saved


Agilent
R T
Freq/Channel
Mkr1 711 MHz
24.08 dBm
Ref 30 dBm
#Atten 36 dB
Peak
Log
10
dB/
Offst
12.8
dB
Dl
-13.0
dBm
LgAv
M1 S2
S3 FC
£(f):
FTun
Swp
Center Freq
5.01500000 GHz
Start Freq
30.0000000 MHz
Stop Freq
10.0000000 GHz
CF Step
997.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Start 30 MHz
Stop 10.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 952.8 ms (601 pts)
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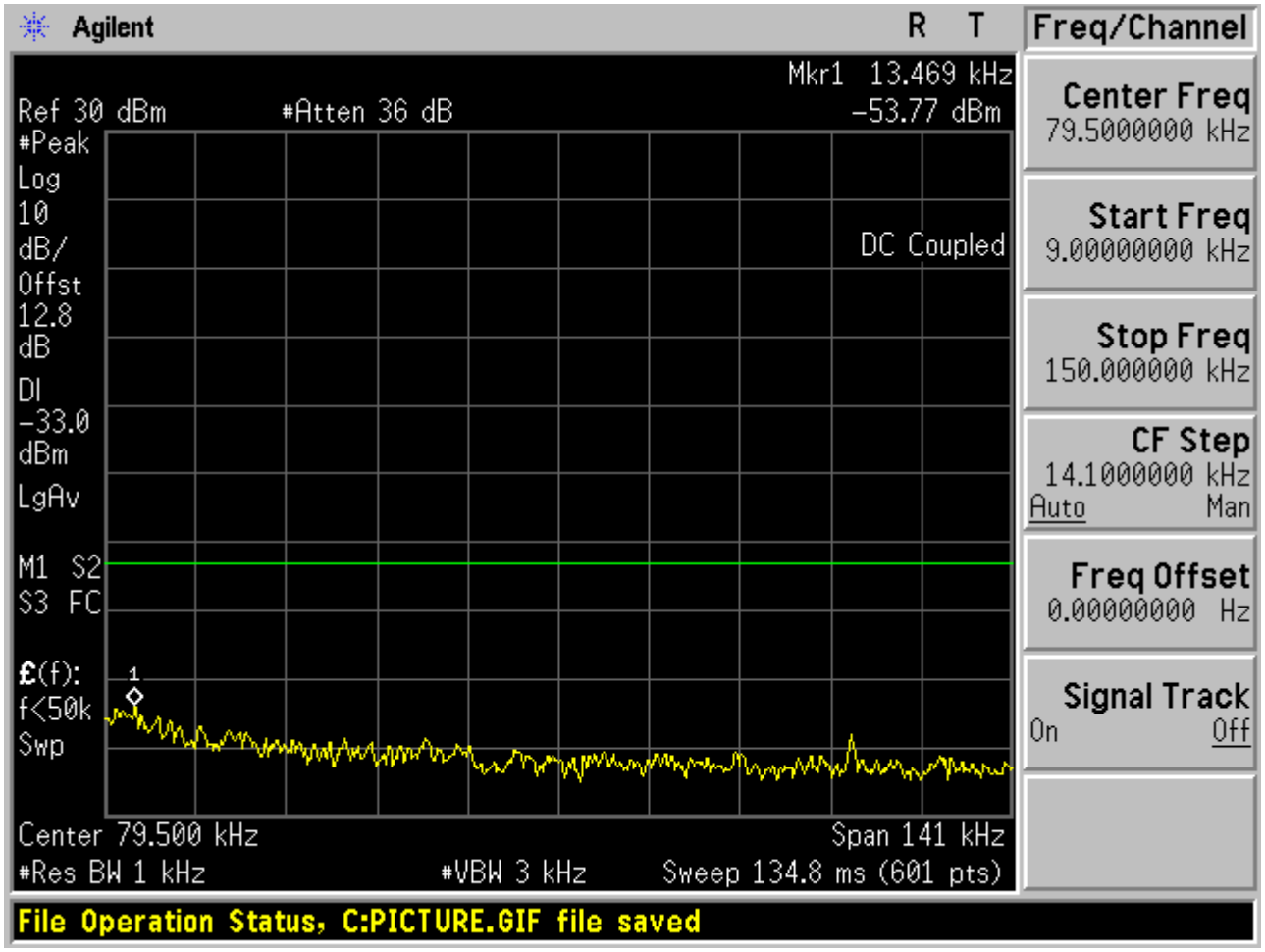
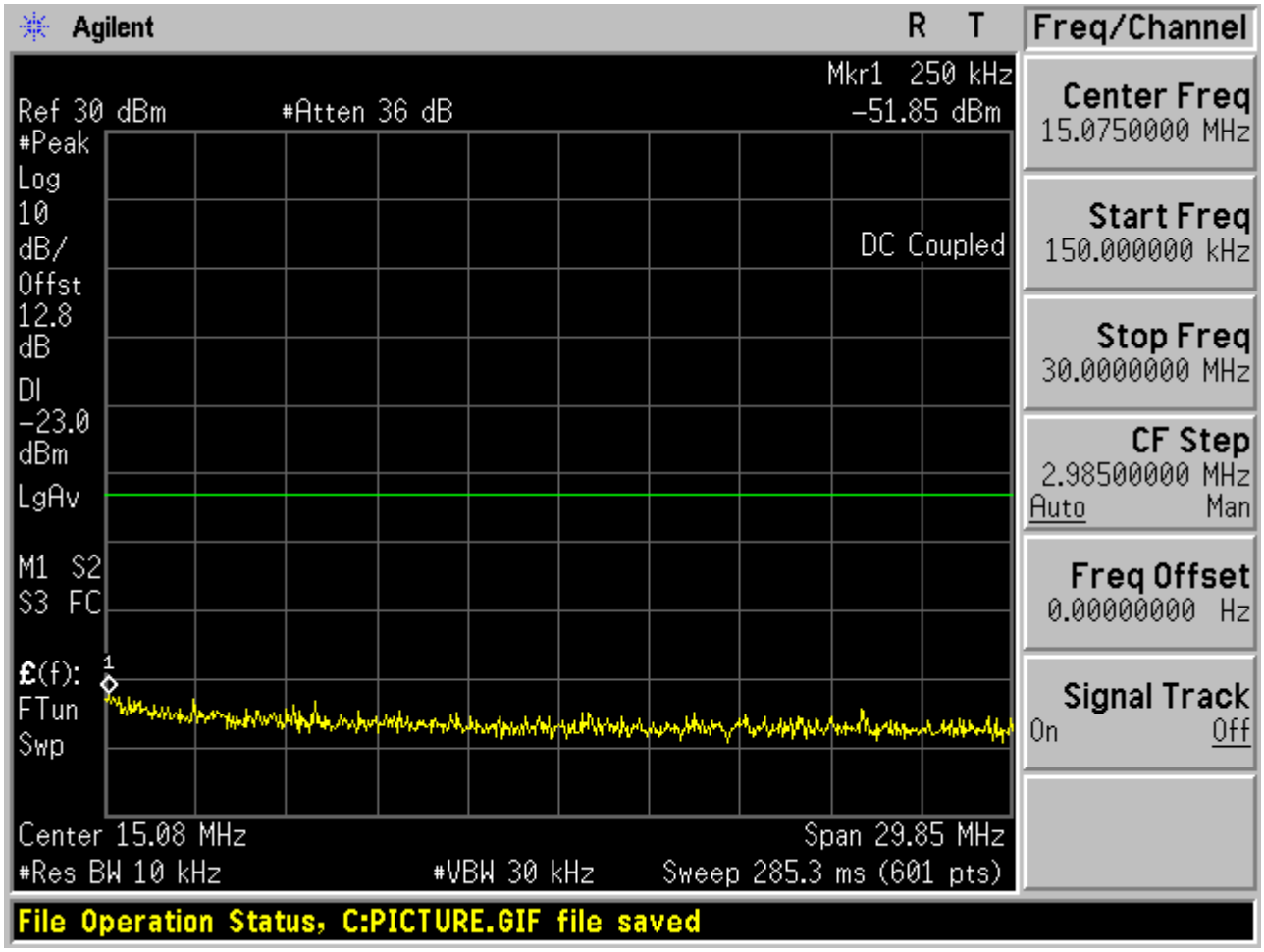
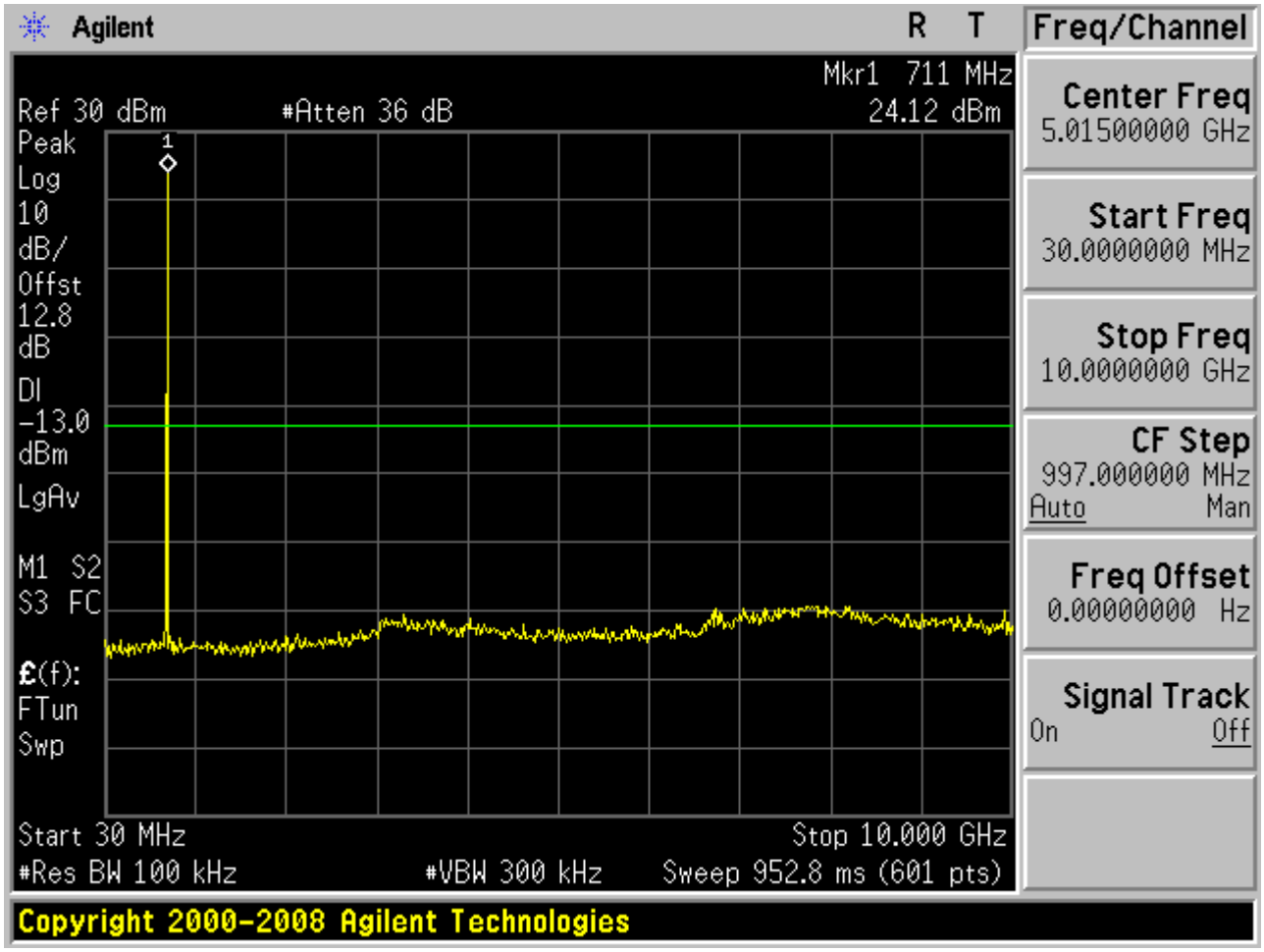
1.1.2 Channel Bandwidth = 10 MHz

1.1.2.1 Channel = B

1.1.2.1.1 QPSK/1RBs /RB #0




Agilent
R T
Freq/Channel
Mkr1 250 kHz
Ref 30 dBm
#Atten 36 dB
-51.85 dBm
#Peak
Log
10
dB/
Offst
12.8
dB
Dl
-23.0
dBm
LgAv
DC Coupled
M1 S2
S3 FC
£(f):
FTun
Swp
Center Freq
15.0750000 MHz
Start Freq
150.000000 kHz
Stop Freq
30.0000000 MHz
CF Step
2.98500000 MHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Center 15.08 MHz
Span 29.85 MHz
#Res BW 10 kHz
#VBW 30 kHz
Sweep 285.3 ms (601 pts)
File Operation Status, C:PICTURE.GIF file saved


Agilent
R T
Freq/Channel
Mkr1 711 MHz
24.12 dBm
Ref 30 dBm
#Atten 36 dB
Peak
Log
10
dB/
Offst
12.8
dB
Dl
-13.0
dBm
LgAv
M1 S2
S3 FC
£(f):
FTun
Swp
Center Freq
5.01500000 GHz
Start Freq
30.0000000 MHz
Stop Freq
10.0000000 GHz
CF Step
997.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Start 30 MHz
Stop 10.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 952.8 ms (601 pts)
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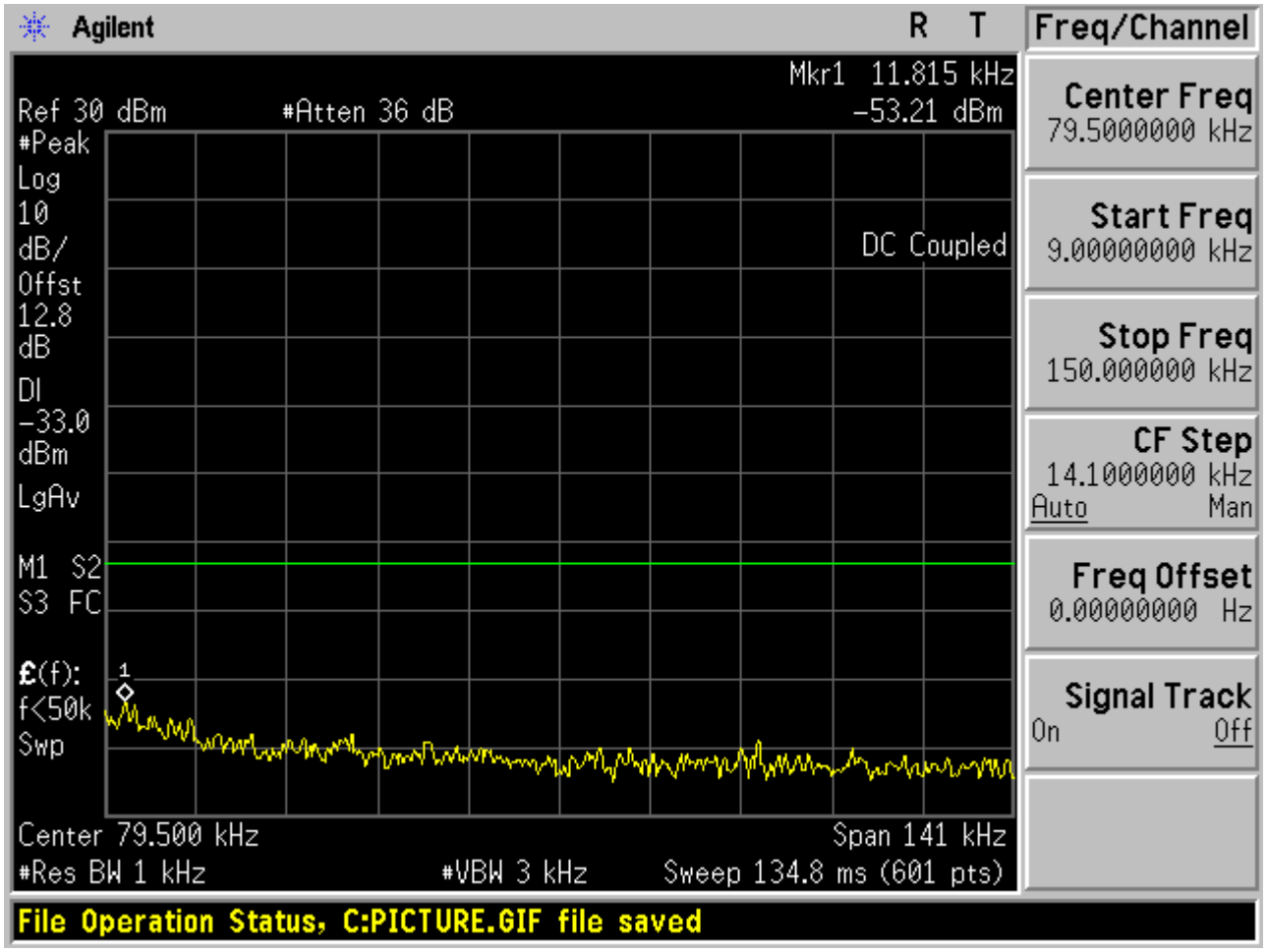
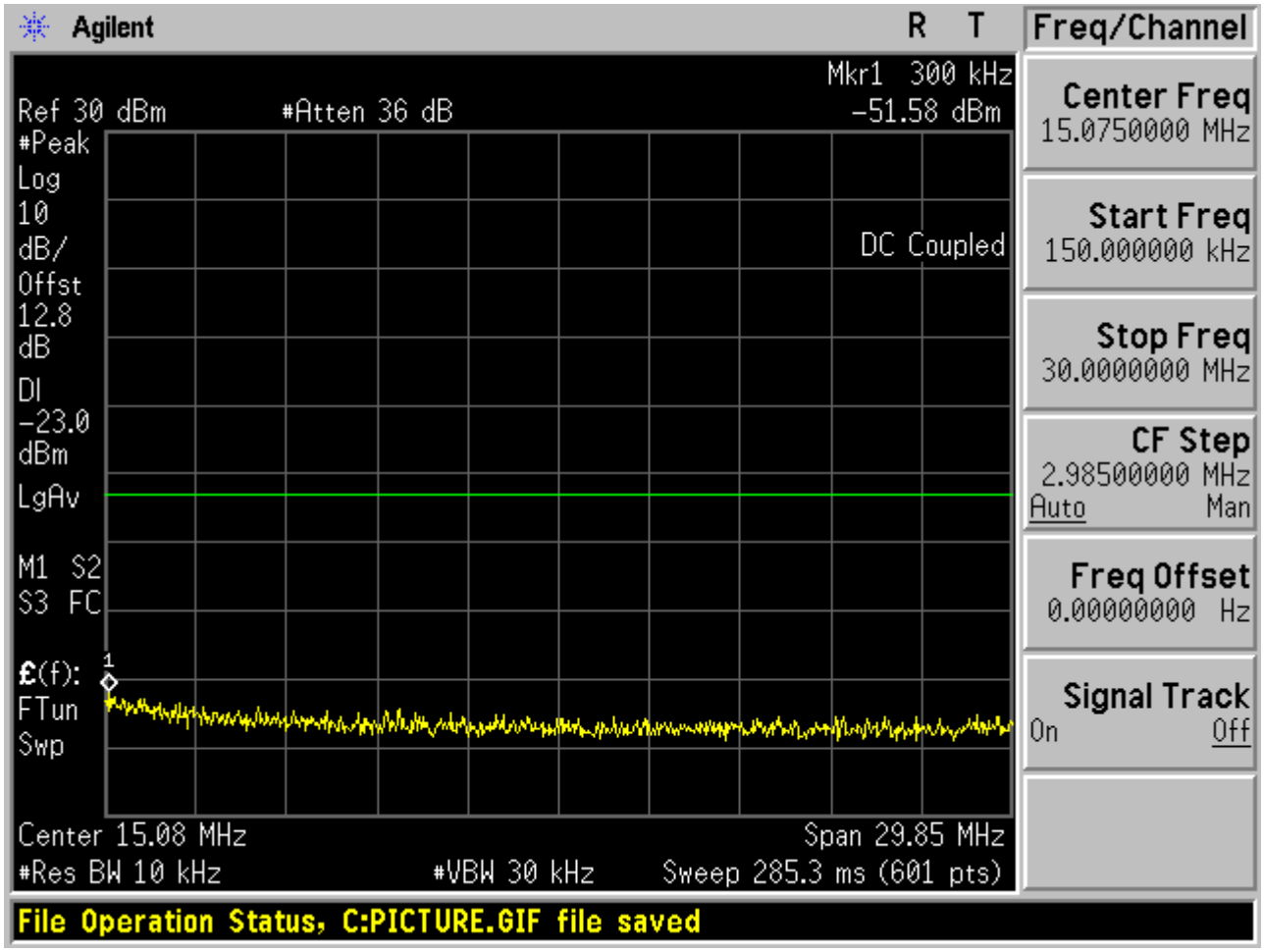
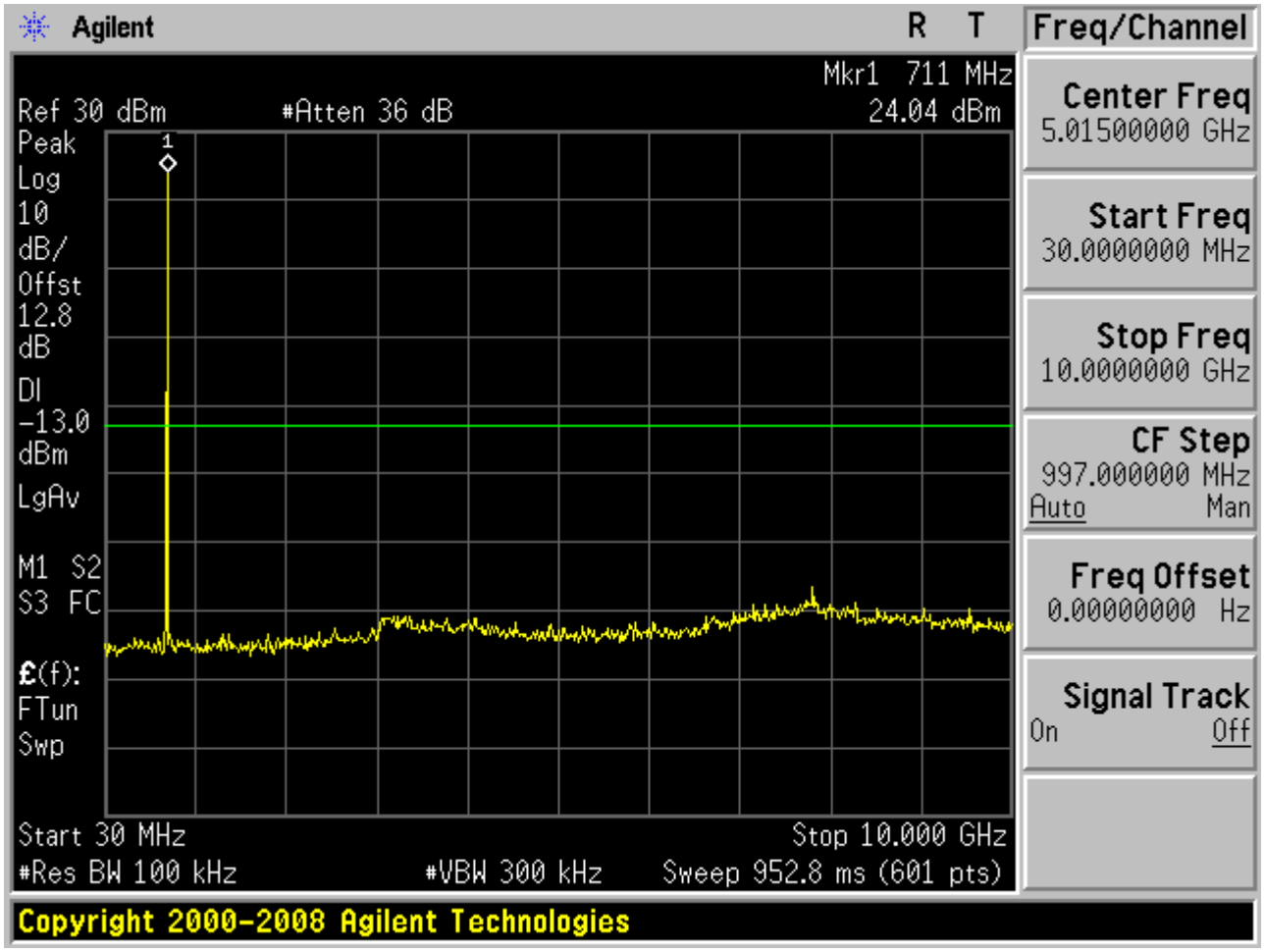
1.1.2.2 Channel = M

1.1.2.2.1 QPSK/1RBs /RB #0




Agilent
R T
Freq/Channel
Mkr1 300 kHz
Ref 30 dBm
#Atten 36 dB
-51.58 dBm
#Peak
Log
10
dB/
Offst
12.8
dB
Dl
-23.0
dBm
LgAv
DC Coupled
M1 S2
S3 FC
£(f):
FTun
Swp
Center Freq
15.0750000 MHz
Start Freq
150.000000 kHz
Stop Freq
30.0000000 MHz
CF Step
2.98500000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Center 15.08 MHz
Span 29.85 MHz
#Res BW 10 kHz
#VBW 30 kHz
Sweep 285.3 ms (601 pts)
File Operation Status, C:PICTURE.GIF file saved


Agilent
R T
Freq/Channel
Mkr1 711 MHz
24.04 dBm
Ref 30 dBm
#Atten 36 dB
Peak
Log
10
dB/
Offst
12.8
dB
Dl
-13.0
dBm
LgAv
M1 S2
S3 FC
£(f):
FTun
Swp
Center Freq
5.01500000 GHz
Start Freq
30.0000000 MHz
Stop Freq
10.0000000 GHz
CF Step
997.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Start 30 MHz
Stop 10.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 952.8 ms (601 pts)
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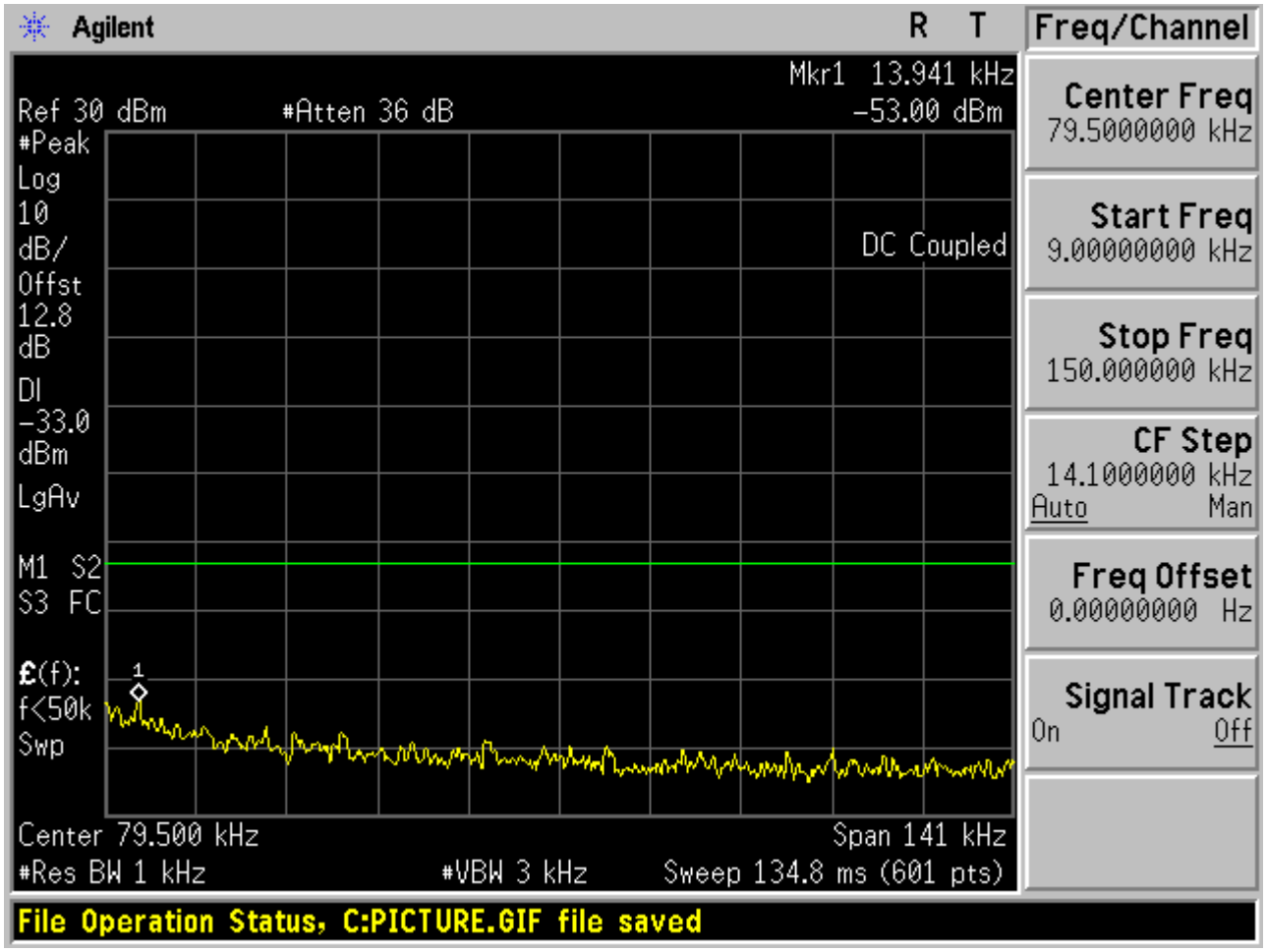
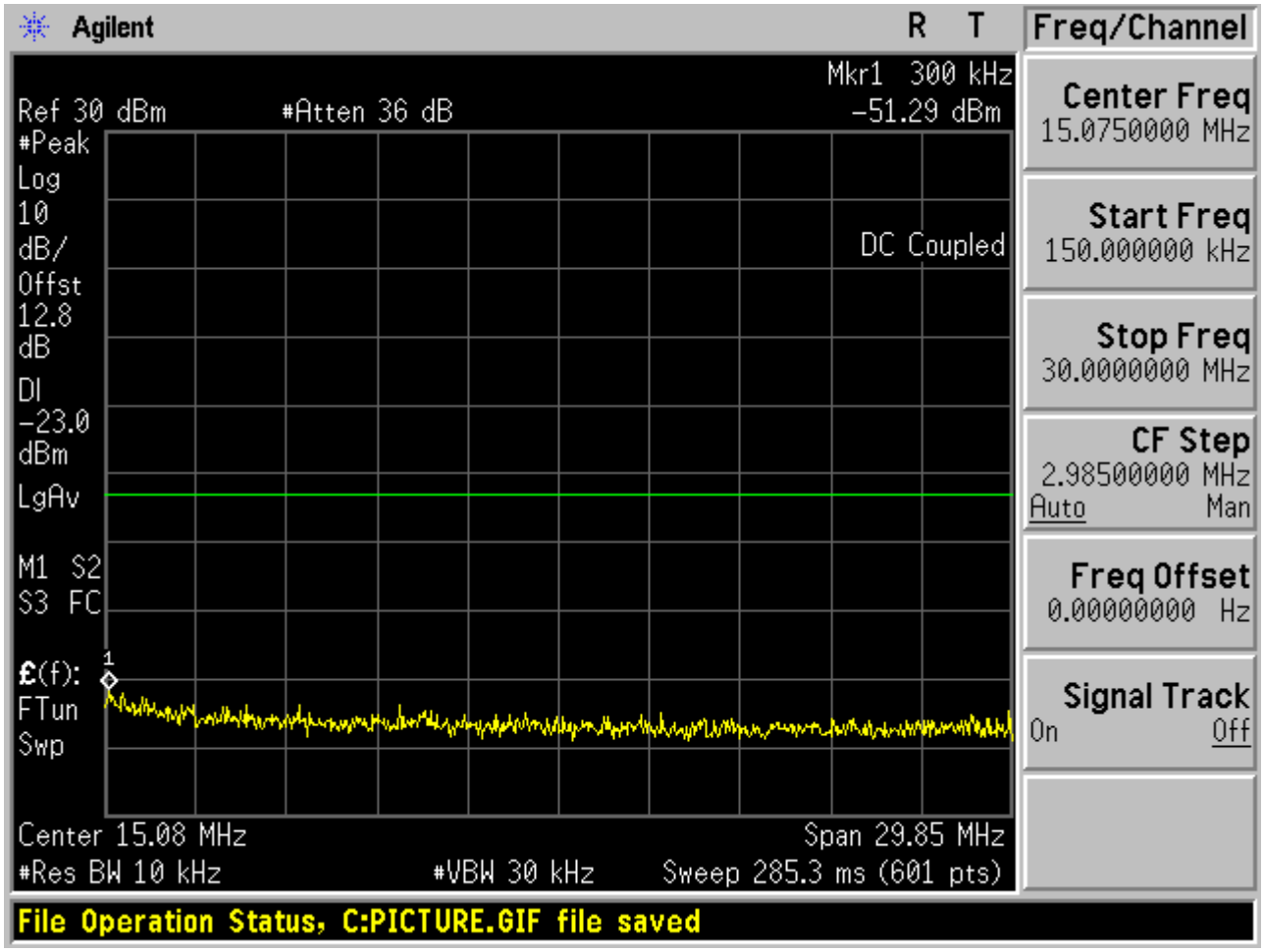
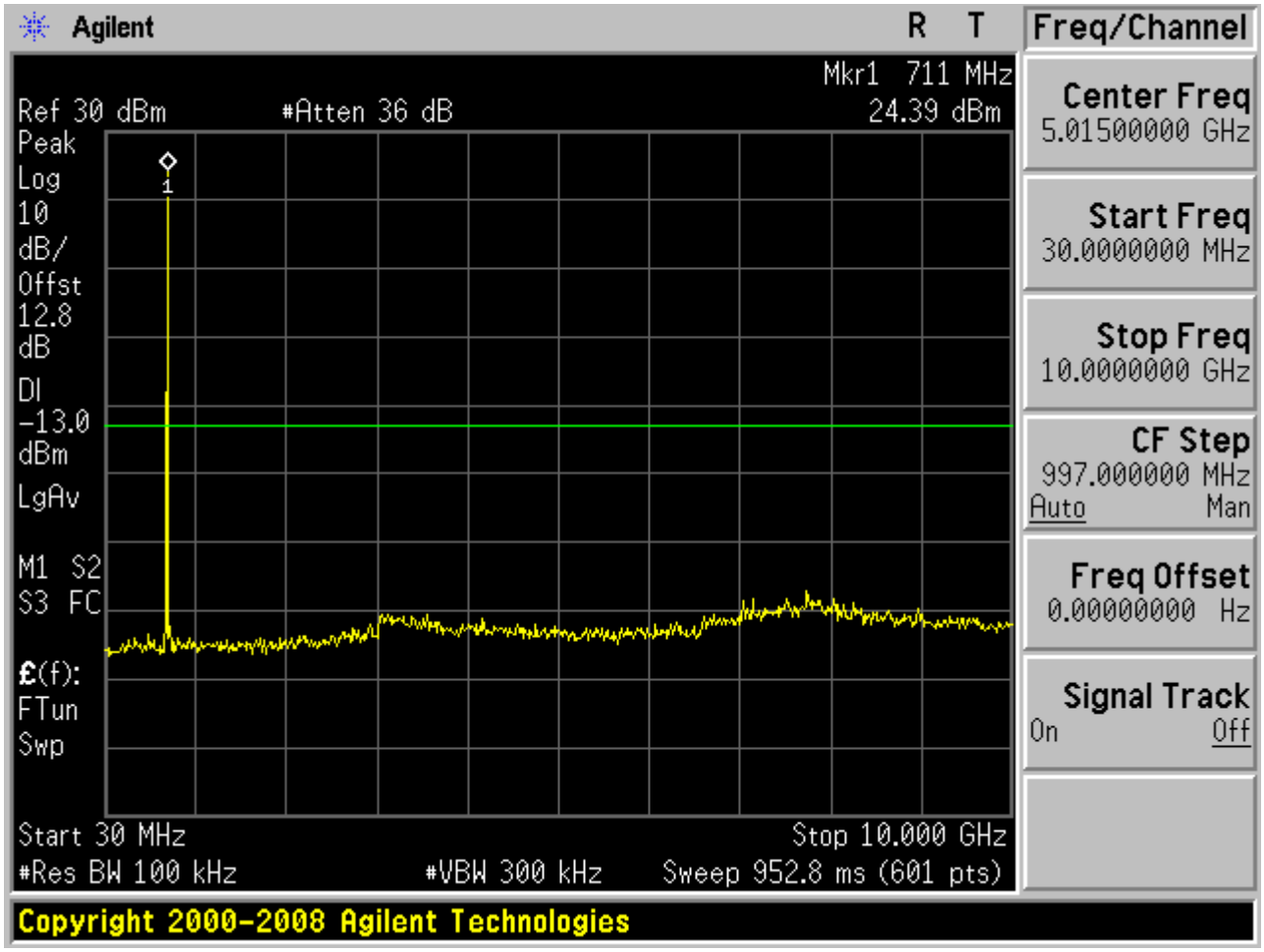
1.1.2.3 Channel = T

1.1.2.3.1 QPSK/1RBs /RB #0




Agilent
R T
Freq/Channel
Mkr1 300 kHz
Ref 30 dBm
#Atten 36 dB
-51.29 dBm
#Peak
Log
10
dB/
Offst
12.8
dB
Dl
-23.0
dBm
LgAv
DC Coupled
M1 S2
S3 FC
£(f):
FTun
Swp
Center Freq
15.0750000 MHz
Start Freq
150.000000 kHz
Stop Freq
30.0000000 MHz
CF Step
2.98500000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Center 15.08 MHz
Span 29.85 MHz
#Res BW 10 kHz
#VBW 30 kHz
Sweep 285.3 ms (601 pts)
File Operation Status, C:PICTURE.GIF file saved


Agilent
R T
Freq/Channel
Mkr1 711 MHz
24.39 dBm
Ref 30 dBm
#Atten 36 dB
Peak
Log
10
dB/
Offst
12.8
dB
Dl
-13.0
dBm
LgAv
M1 S2
S3 FC
£(f):
FTun
Swp
Center Freq
5.01500000 GHz
Start Freq
30.0000000 MHz
Stop Freq
10.0000000 GHz
CF Step
997.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Start 30 MHz
Stop 10.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 952.8 ms (601 pts)
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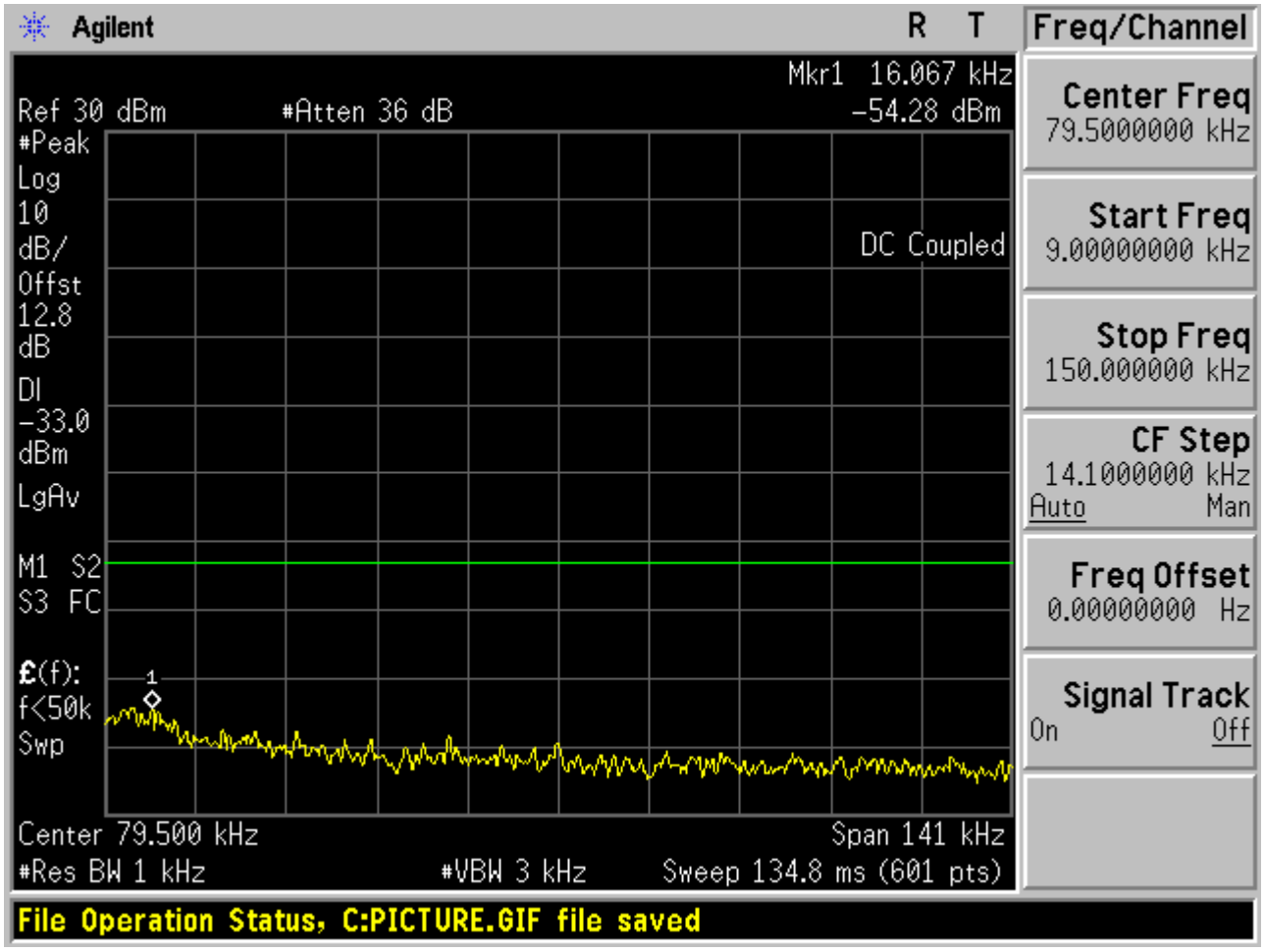
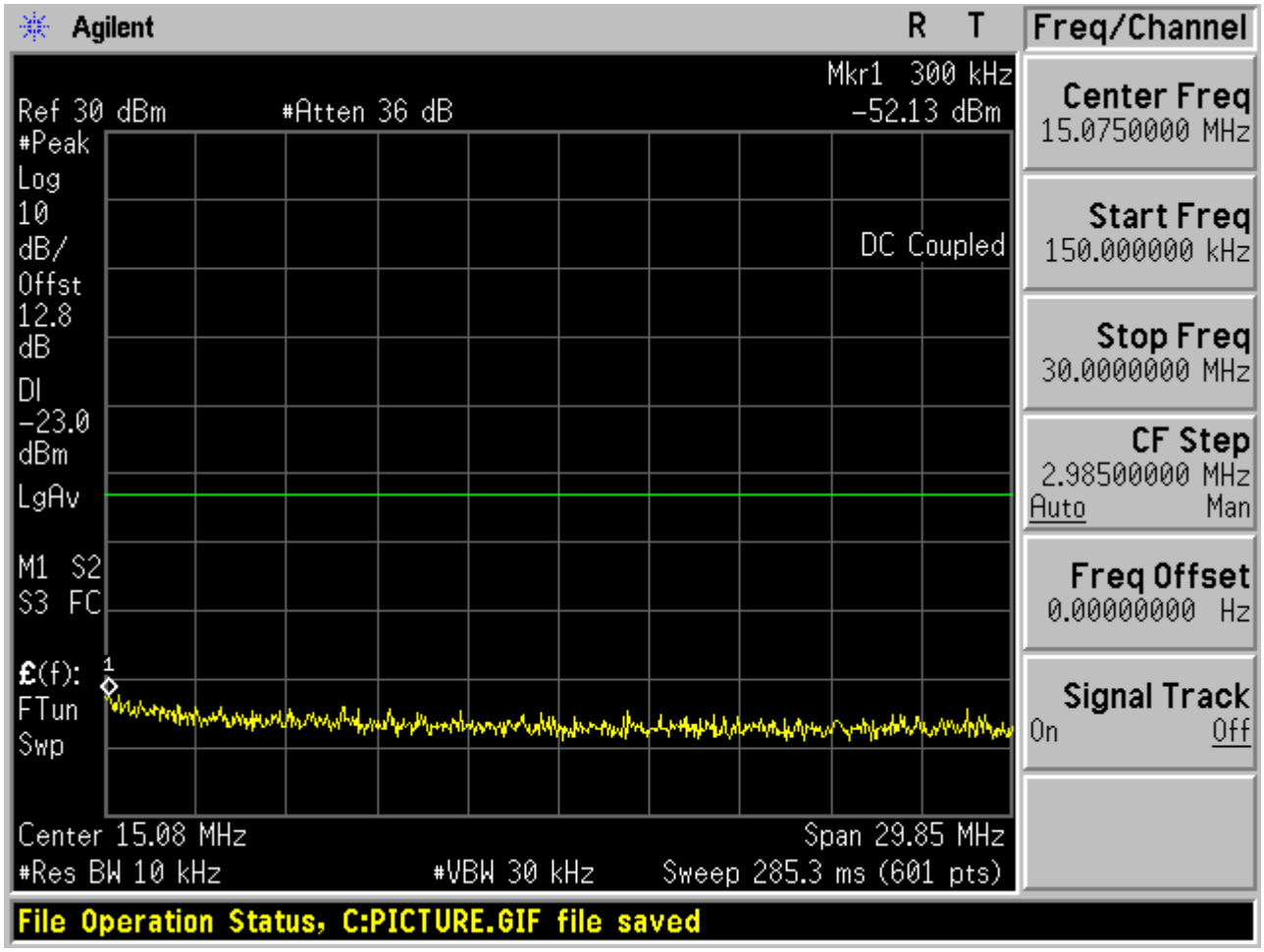
1.2 Test Mode=TM2

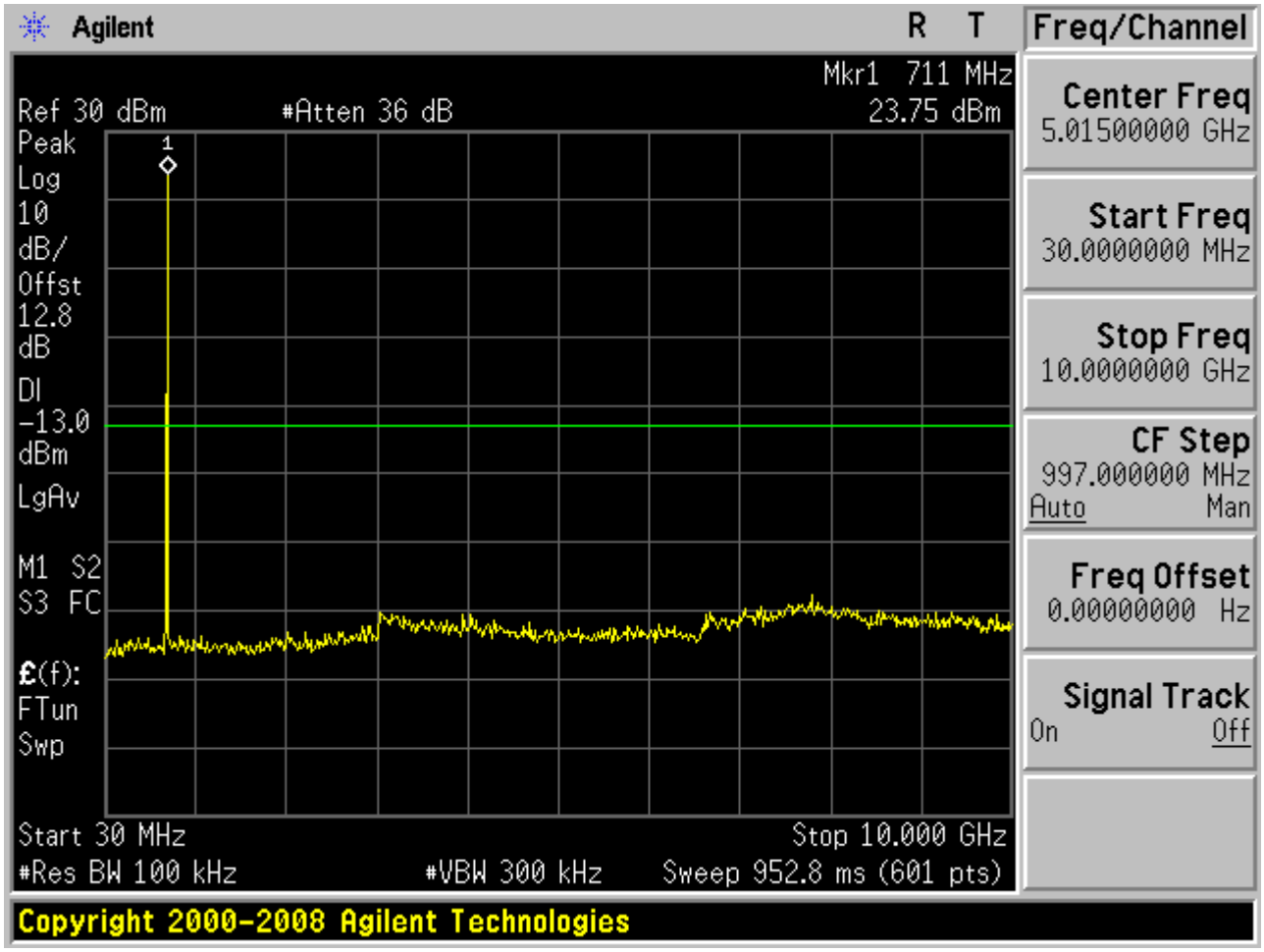
1.2.1 Channel Bandwidth = 5 MHz

1.2.1.1 Channel = B

1.2.1.1.1 16QAM/1RBs /RB #0




Agilent
R T
Freq/Channel
Mkr1 300 kHz
Ref 30 dBm
#Atten 36 dB
-52.13 dBm
#Peak
Log
10
dB/
Offst
12.8
dB
Dl
-23.0
dBm
LgAv
DC Coupled
M1 S2
S3 FC
£(f):
FTun
Swp
Center Freq
15.0750000 MHz
Start Freq
150.000000 kHz
Stop Freq
30.0000000 MHz
CF Step
2.98500000 MHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Center 15.08 MHz
Span 29.85 MHz
#Res BW 10 kHz
#VBW 30 kHz
Sweep 285.3 ms (601 pts)
File Operation Status, C:PICTURE.GIF file saved


Agilent
R T
Freq/Channel
Mkr1 711 MHz
Ref 30 dBm
#Atten 36 dB
23.75 dBm
Peak
Log
10
dB/
Offst
12.8
dB
Dl
-13.0
dBm
LgAv
M1 S2
S3 FC
£(f):
FTun
Swp
Center Freq
5.01500000 GHz
Start Freq
30.0000000 MHz
Stop Freq
10.0000000 GHz
CF Step
997.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Start 30 MHz
Stop 10.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 952.8 ms (601 pts)
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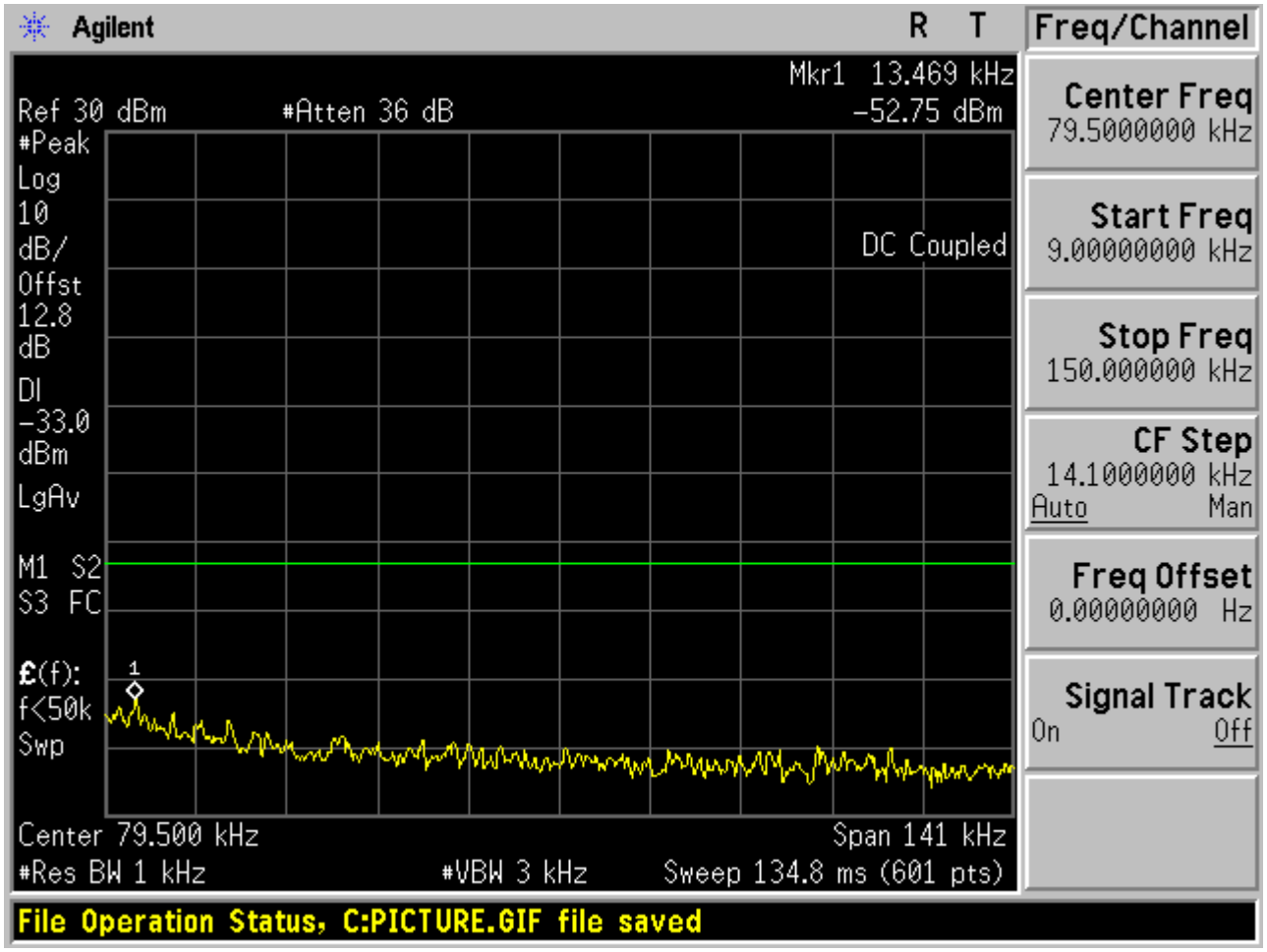
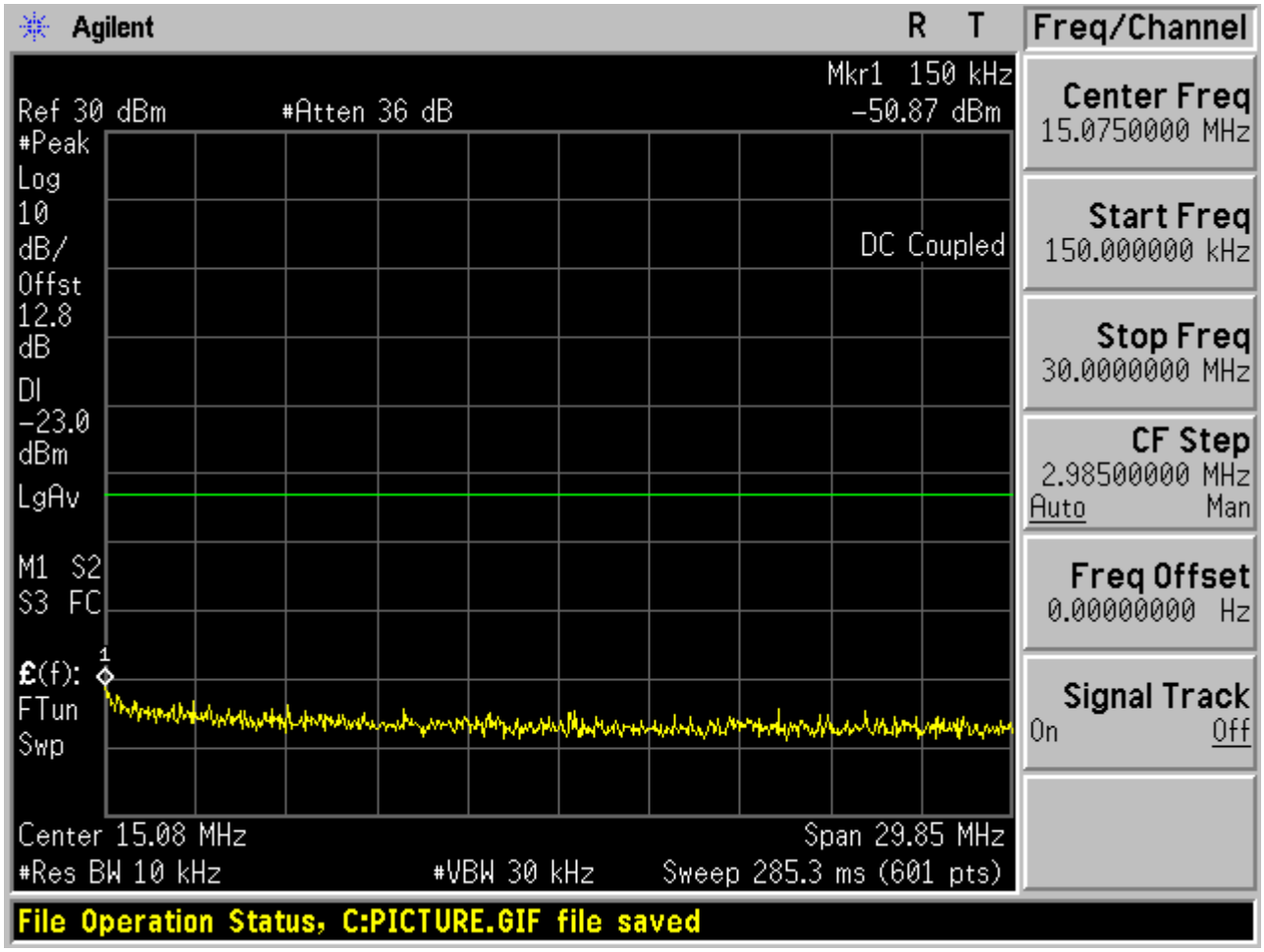
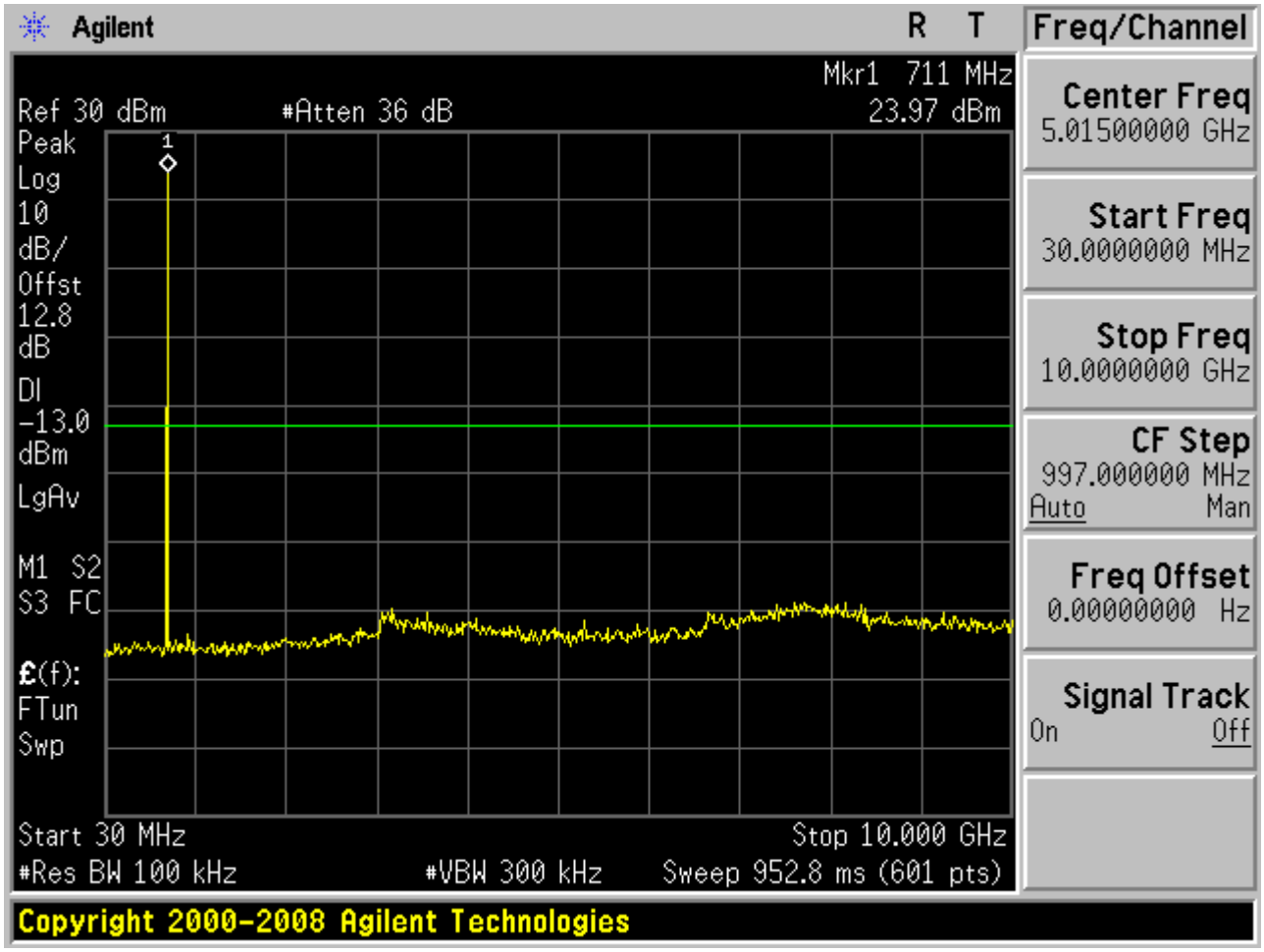
1.2.1.2 Channel = M

1.2.1.2.1 16QAM/1RBs /RB #0




Agilent
R T
Freq/Channel
Mkr1 150 kHz
Ref 30 dBm
#Atten 36 dB
-50.87 dBm
#Peak
Log
10
dB/
Offst
12.8
dB
Dl
-23.0
dBm
LgAv
DC Coupled
M1 S2
S3 FC
£(f):
FTun
Swp
Center 15.08 MHz
Span 29.85 MHz
#Res BW 10 kHz
#VBW 30 kHz
Sweep 285.3 ms (601 pts)
Center Freq
15.0750000 MHz
Start Freq
150.000000 kHz
Stop Freq
30.0000000 MHz
CF Step
2.98500000 MHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
File Operation Status, C:PICTURE.GIF file saved


Agilent
R T
Freq/Channel
Mkr1 711 MHz
Ref 30 dBm
#Atten 36 dB
23.97 dBm
Peak
Log
10
dB/
Offst
12.8
dB
Dl
-13.0
dBm
LgAv
M1 S2
S3 FC
£(f):
FTun
Swp
Center Freq
5.01500000 GHz
Start Freq
30.0000000 MHz
Stop Freq
10.0000000 GHz
CF Step
997.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Start 30 MHz
Stop 10.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 952.8 ms (601 pts)
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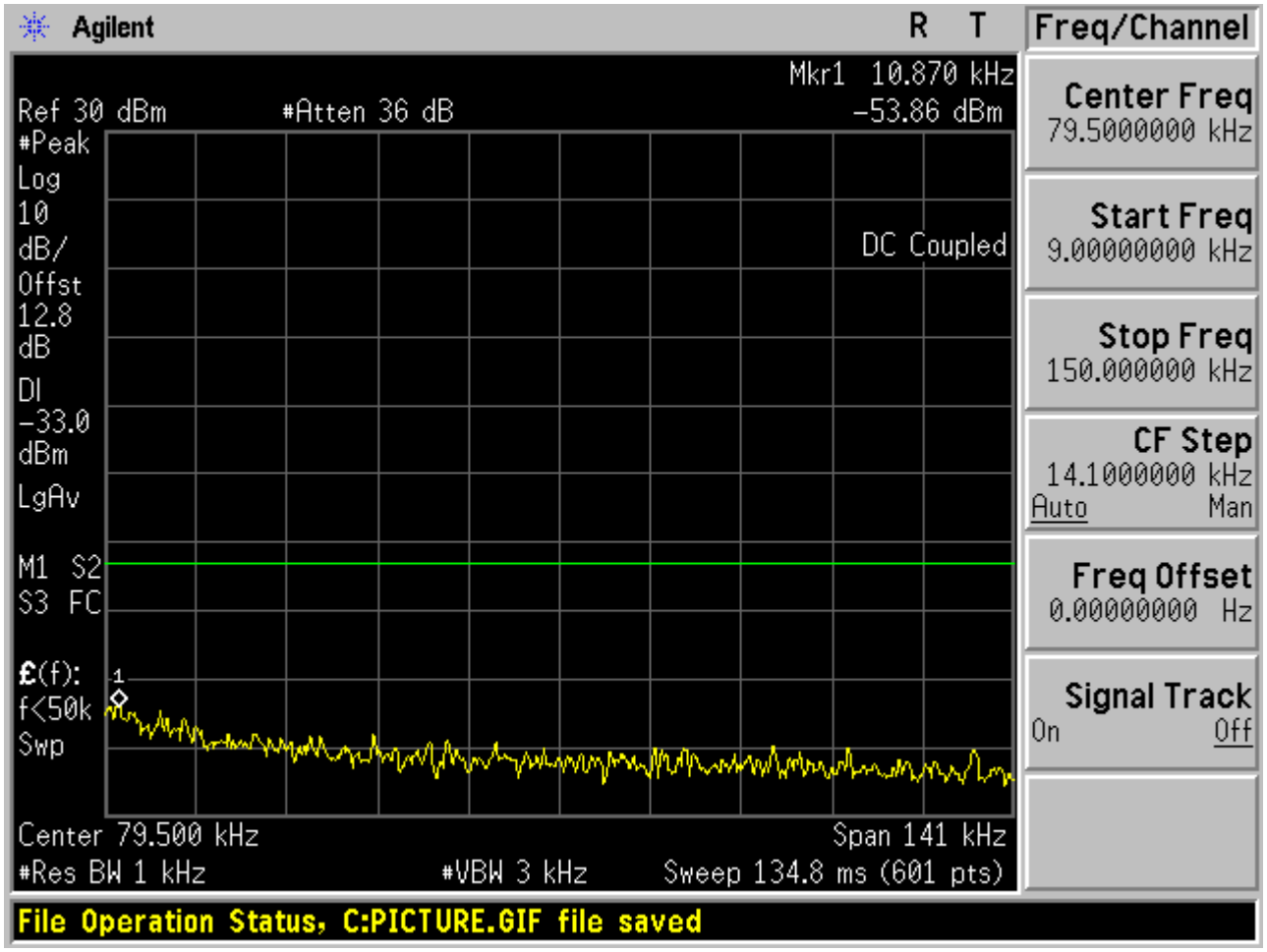
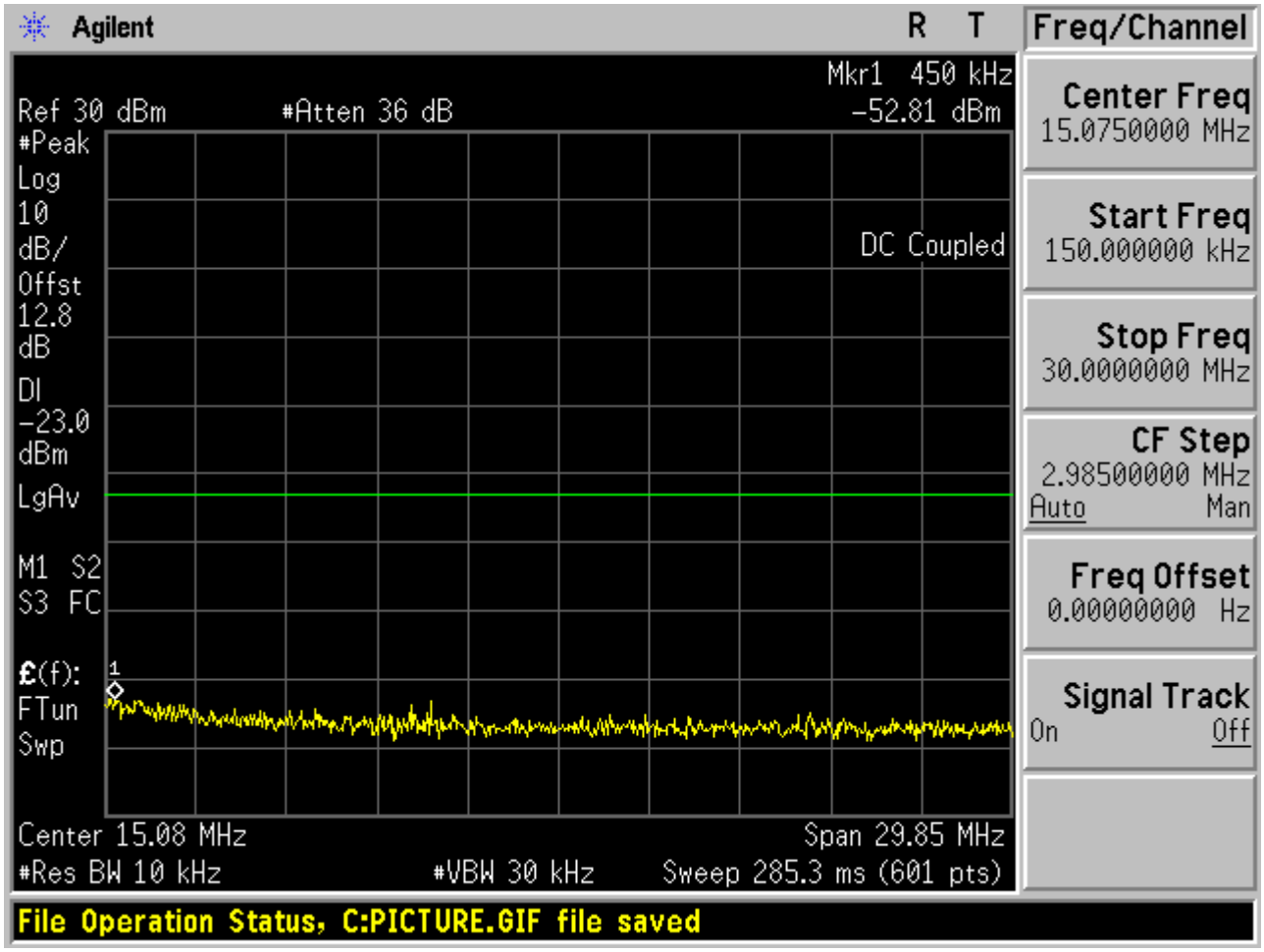
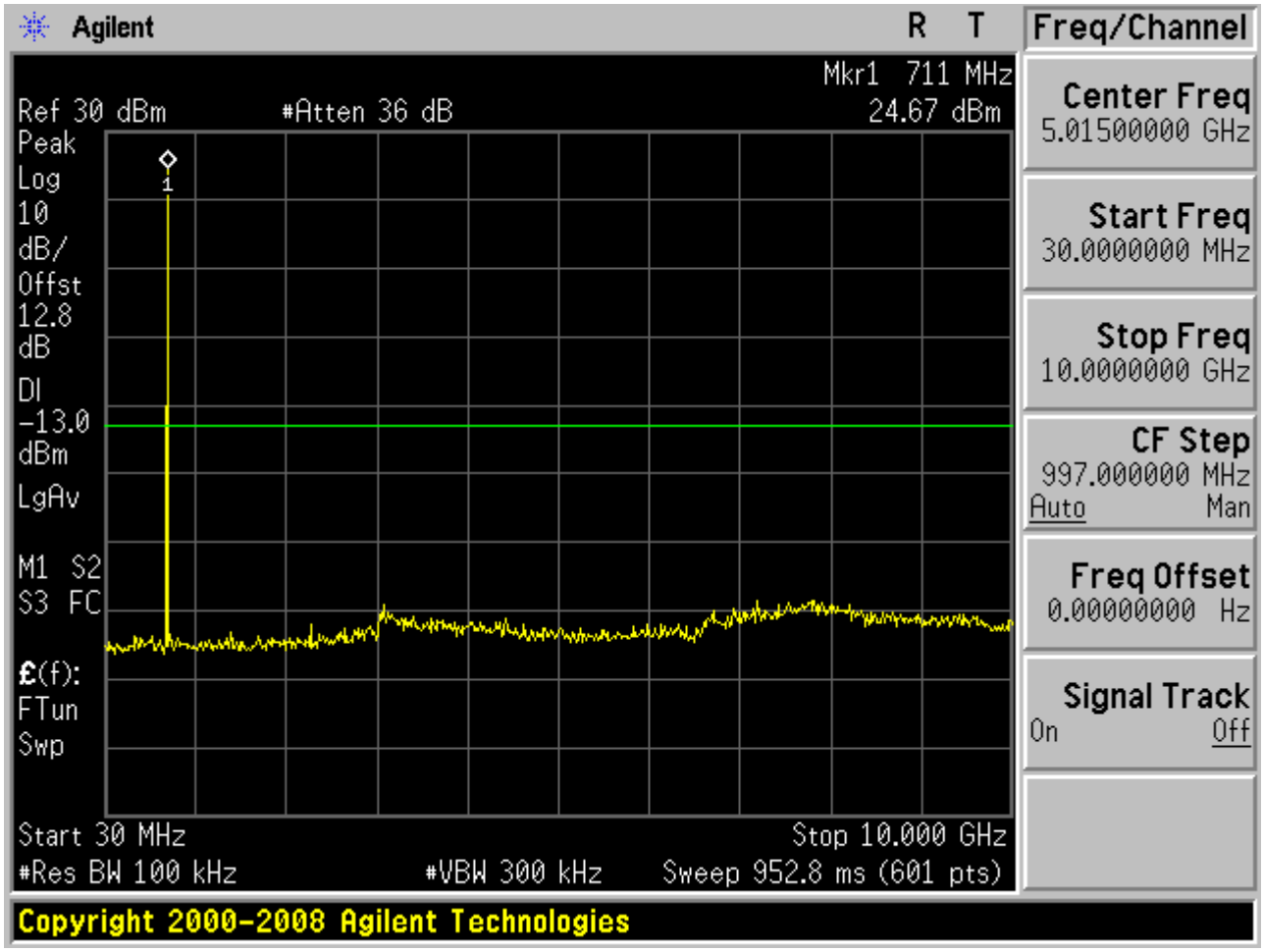
1.2.1.3 Channel = T

1.2.1.3.1 16QAM/1RBs /RB #0




Agilent
R T
Freq/Channel
Mkr1 450 kHz
Ref 30 dBm
#Atten 36 dB
-52.81 dBm
#Peak
Log
10
dB/
Offst
12.8
dB
Dl
-23.0
dBm
LgAv
DC Coupled
M1 S2
S3 FC
£(f):
FTun
Swp
Center Freq
15.0750000 MHz
Start Freq
150.000000 kHz
Stop Freq
30.0000000 MHz
CF Step
2.98500000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Center 15.08 MHz
Span 29.85 MHz
#Res BW 10 kHz
#VBW 30 kHz
Sweep 285.3 ms (601 pts)
File Operation Status, C:PICTURE.GIF file saved


Agilent
R T
Freq/Channel
Mkr1 711 MHz
24.67 dBm
Ref 30 dBm
#Atten 36 dB
Peak
Log
10
dB/
Offst
12.8
dB
Dl
-13.0
dBm
LgAv
M1 S2
S3 FC
£(f):
FTun
Swp
Center Freq
5.01500000 GHz
Start Freq
30.0000000 MHz
Stop Freq
10.0000000 GHz
CF Step
997.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Start 30 MHz
Stop 10.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 952.8 ms (601 pts)
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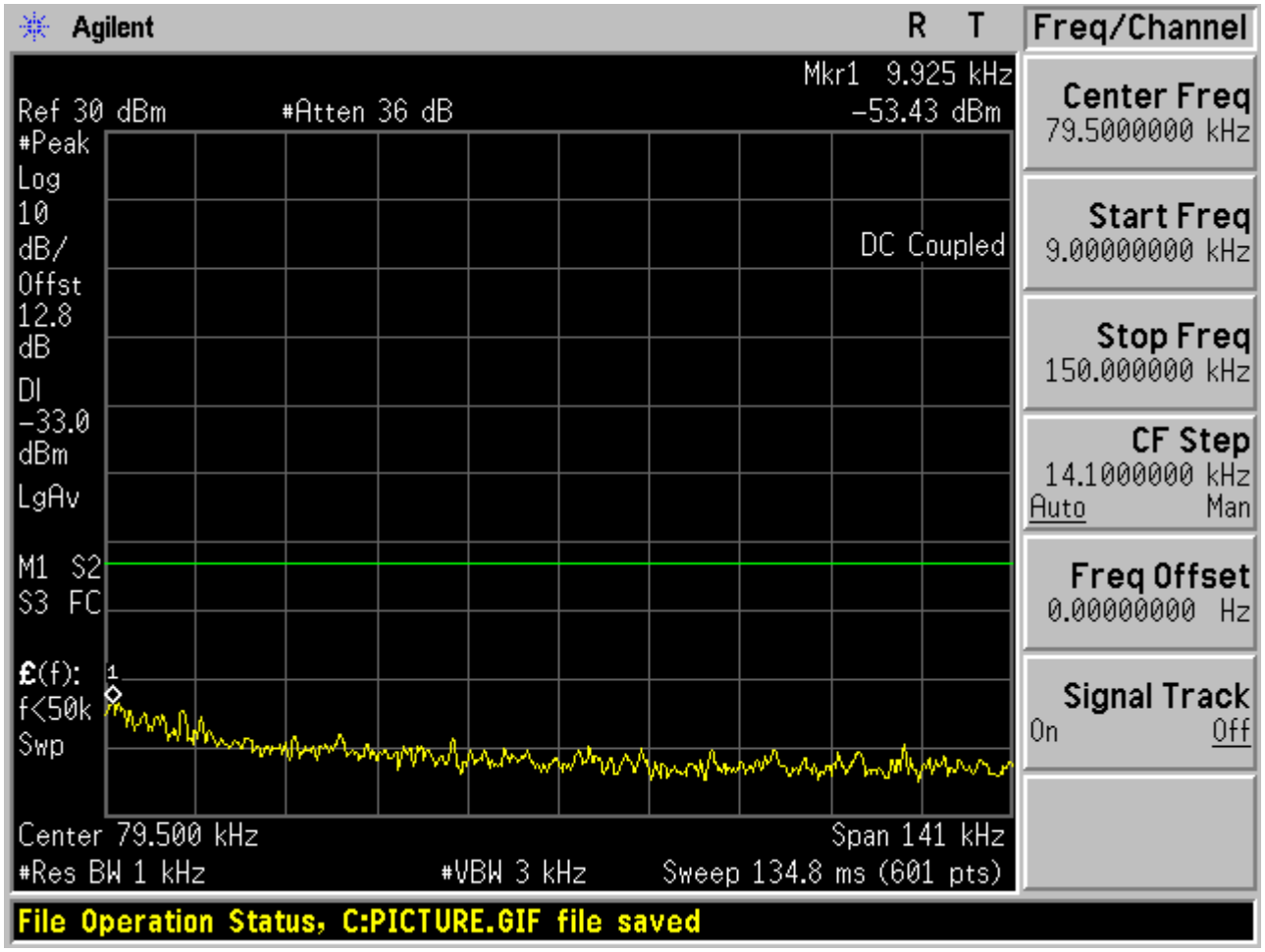
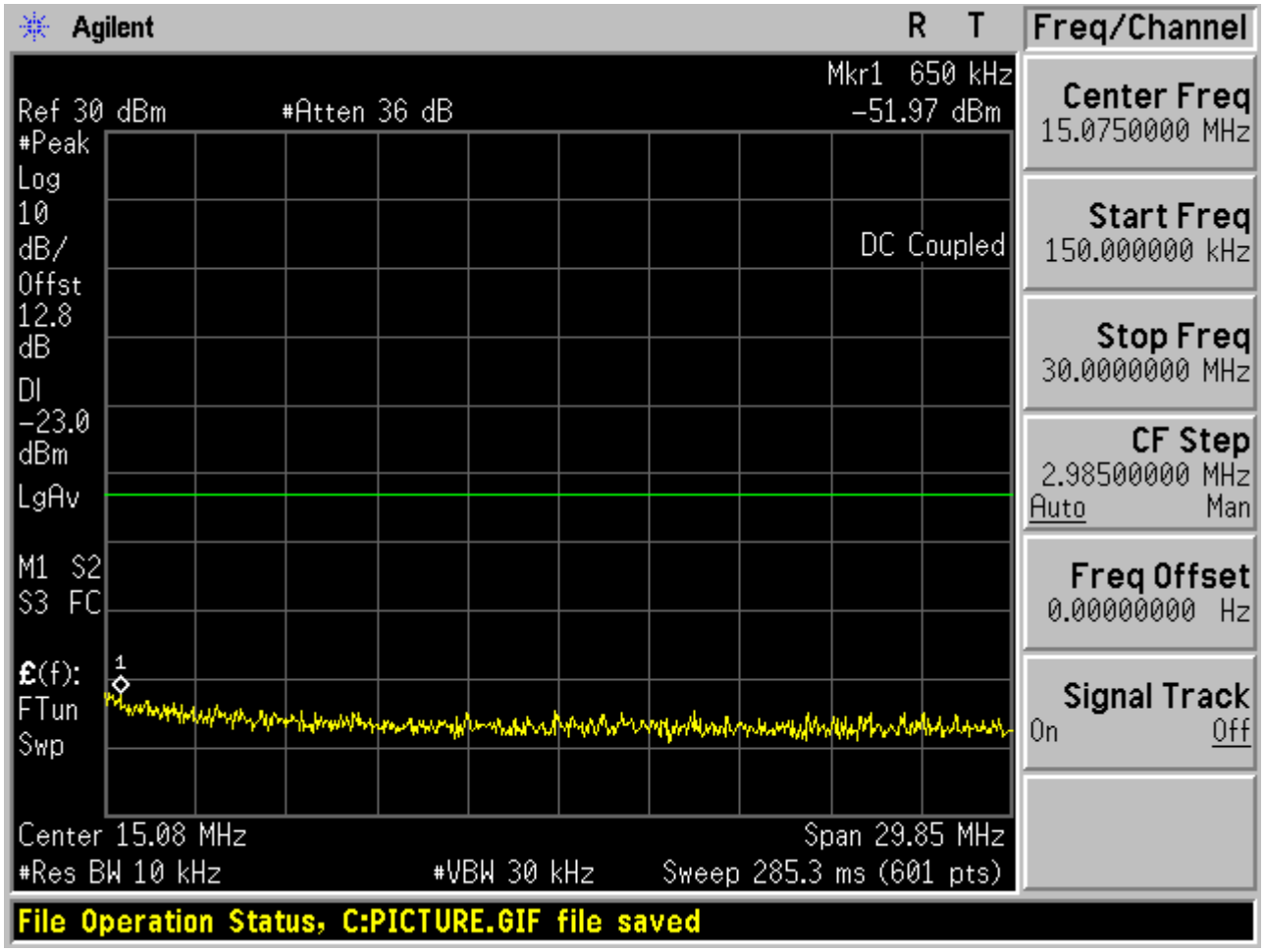
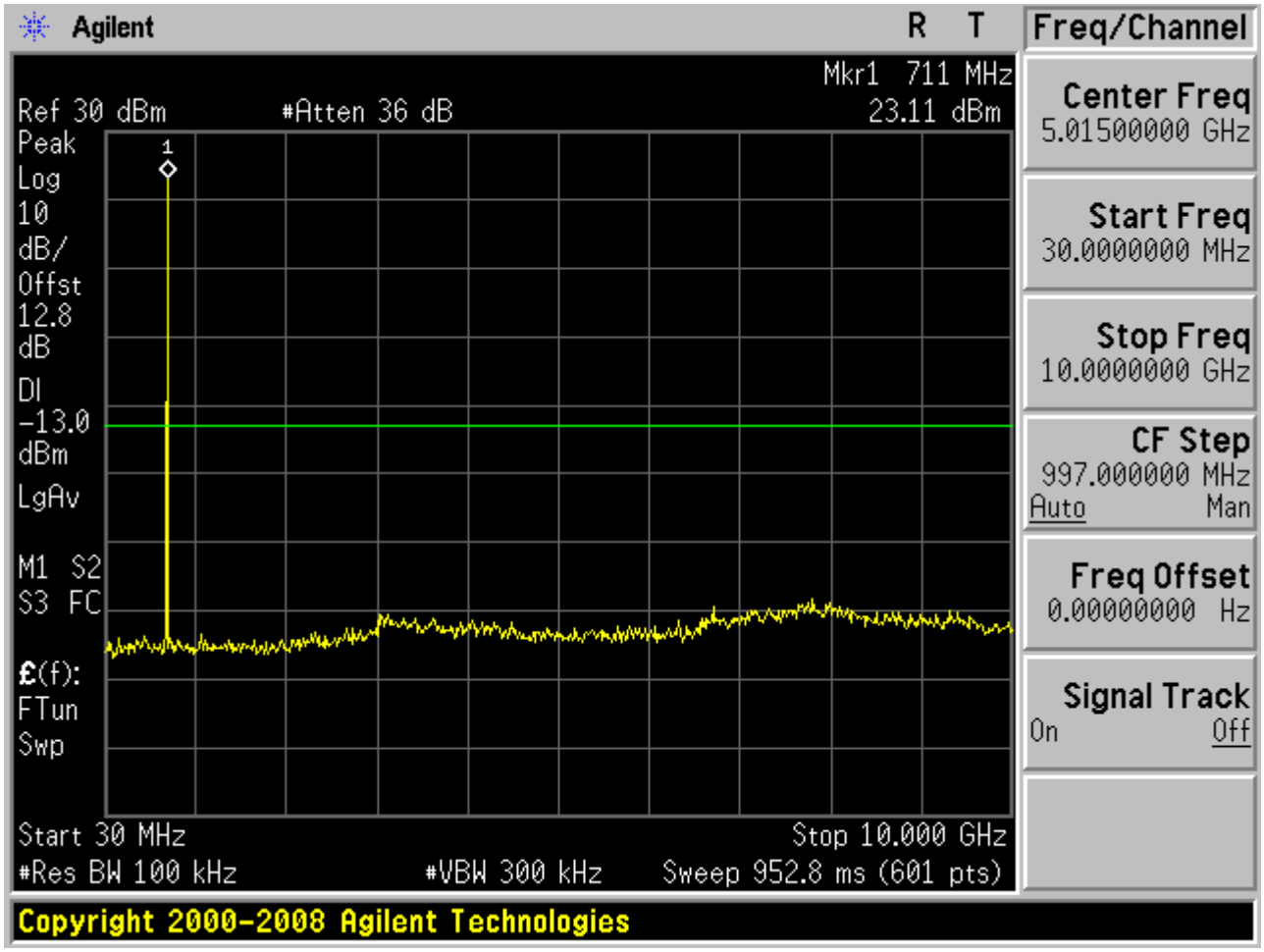
1.2.2 Channel Bandwidth = 10 MHz

1.2.2.1 Channel = B

1.2.2.1.1 16QAM/1RBs /RB #0




Agilent
R T
Freq/Channel
Mkr1 650 kHz
Ref 30 dBm
#Atten 36 dB
-51.97 dBm
#Peak
Log
10
dB/
Offst
12.8
dB
Dl
-23.0
dBm
LgAv
DC Coupled
M1 S2
S3 FC
£(f):
FTun
Swp
Center Freq
15.0750000 MHz
Start Freq
150.000000 kHz
Stop Freq
30.0000000 MHz
CF Step
2.98500000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Center 15.08 MHz
Span 29.85 MHz
#Res BW 10 kHz
#VBW 30 kHz
Sweep 285.3 ms (601 pts)
File Operation Status, C:PICTURE.GIF file saved


Agilent
R T
Freq/Channel
Mkr1 711 MHz
Ref 30 dBm
#Atten 36 dB
23.11 dBm
Peak
Log
10
dB/
Offst
12.8
dB
Dl
-13.0
dBm
LgAv
M1 S2
S3 FC
£(f):
FTun
Swp
Center Freq
5.01500000 GHz
Start Freq
30.0000000 MHz
Stop Freq
10.0000000 GHz
CF Step
997.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Start 30 MHz
Stop 10.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 952.8 ms (601 pts)
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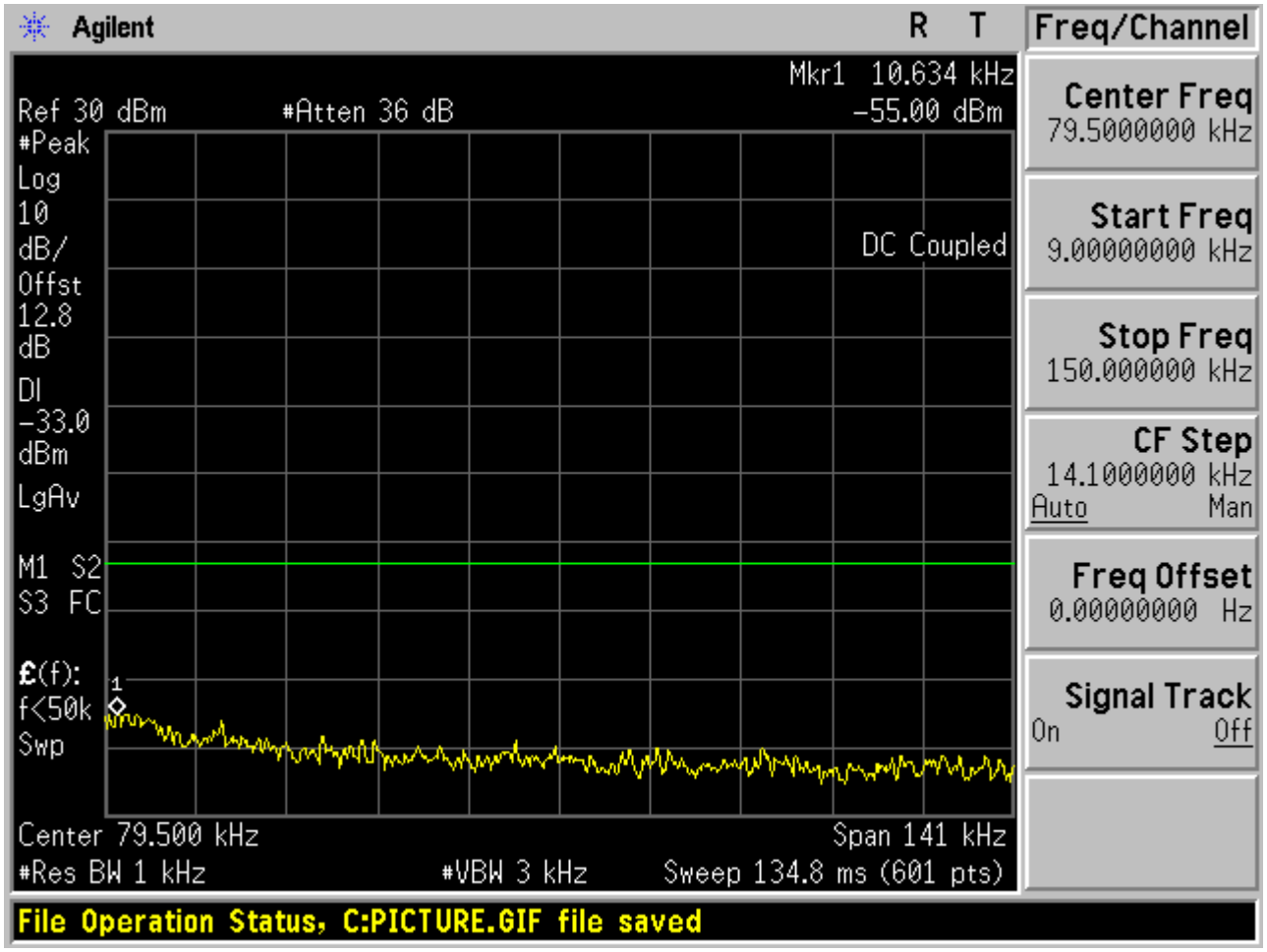
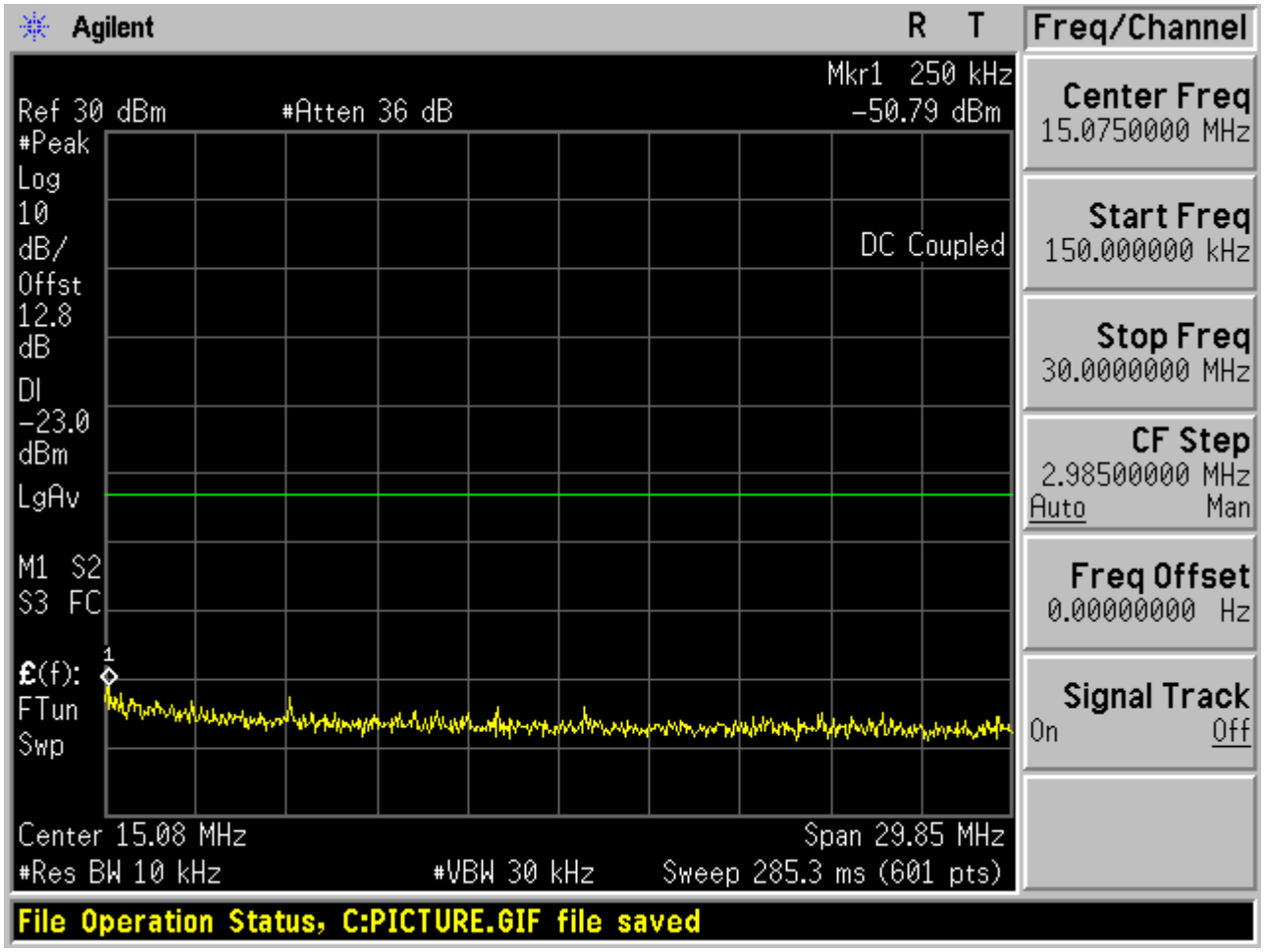
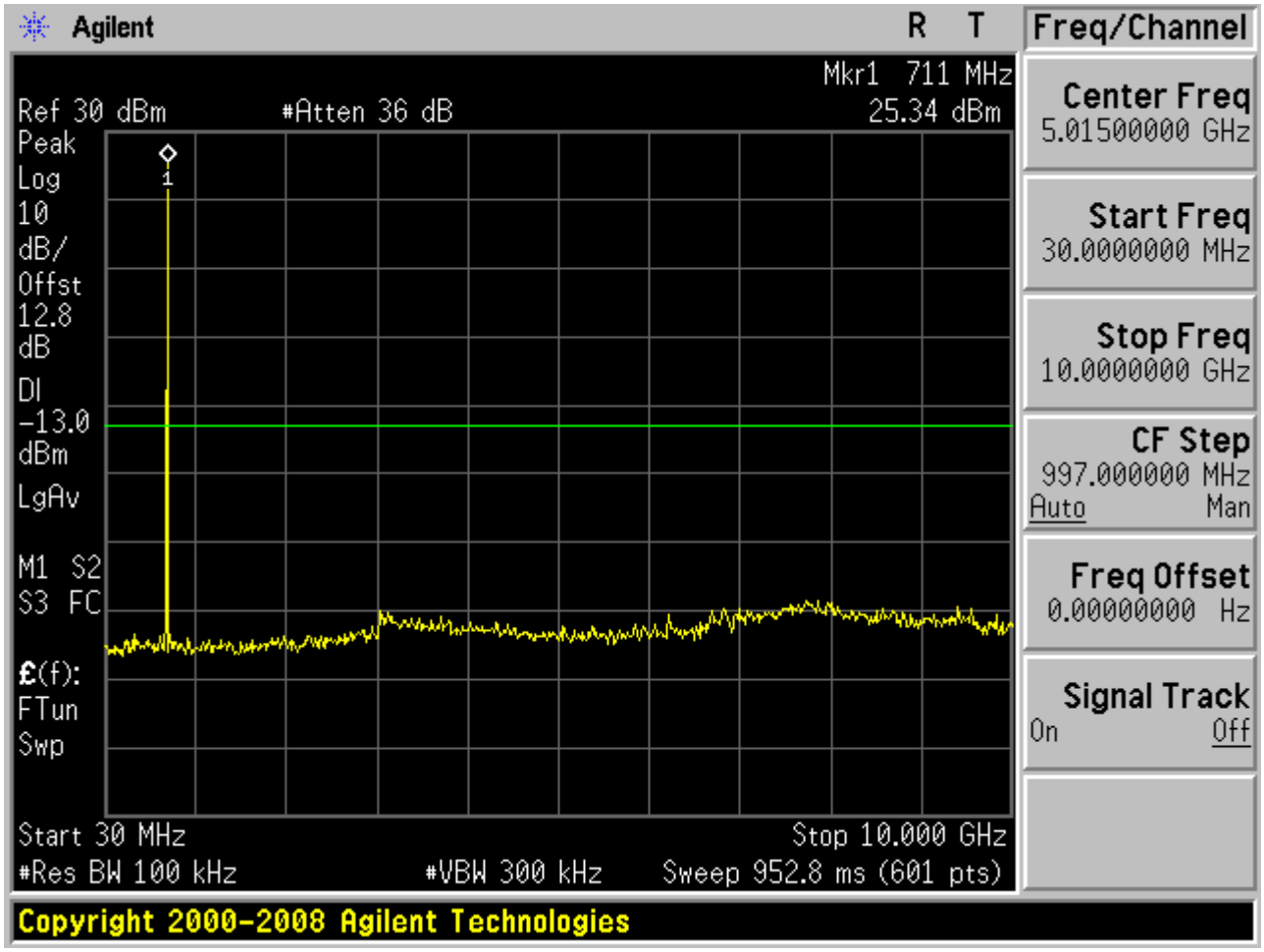
1.2.2.2 Channel = M

1.2.2.2.1 16QAM/1RBs /RB #0




Agilent
R T
Freq/Channel
Mkr1 250 kHz
Ref 30 dBm
#Atten 36 dB
-50.79 dBm
#Peak
Log
10
dB/
Offst
12.8
dB
Dl
-23.0
dBm
LgAv
DC Coupled
M1 S2
S3 FC
£(f):
FTun
Swp
Center 15.08 MHz
Span 29.85 MHz
#Res BW 10 kHz
#VBW 30 kHz
Sweep 285.3 ms (601 pts)
Center Freq
15.0750000 MHz
Start Freq
150.000000 kHz
Stop Freq
30.0000000 MHz
CF Step
2.98500000 MHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
File Operation Status, C:PICTURE.GIF file saved


Agilent
R T
Freq/Channel
Mkr1 711 MHz
Ref 30 dBm
#Atten 36 dB
25.34 dBm
Peak
Log
10
dB/
Offst
12.8
dB
Dl
-13.0
dBm
LgAv
M1 S2
S3 FC
£(f):
FTun
Swp
Center Freq
5.01500000 GHz
Start Freq
30.0000000 MHz
Stop Freq
10.0000000 GHz
CF Step
997.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Start 30 MHz
Stop 10.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 952.8 ms (601 pts)
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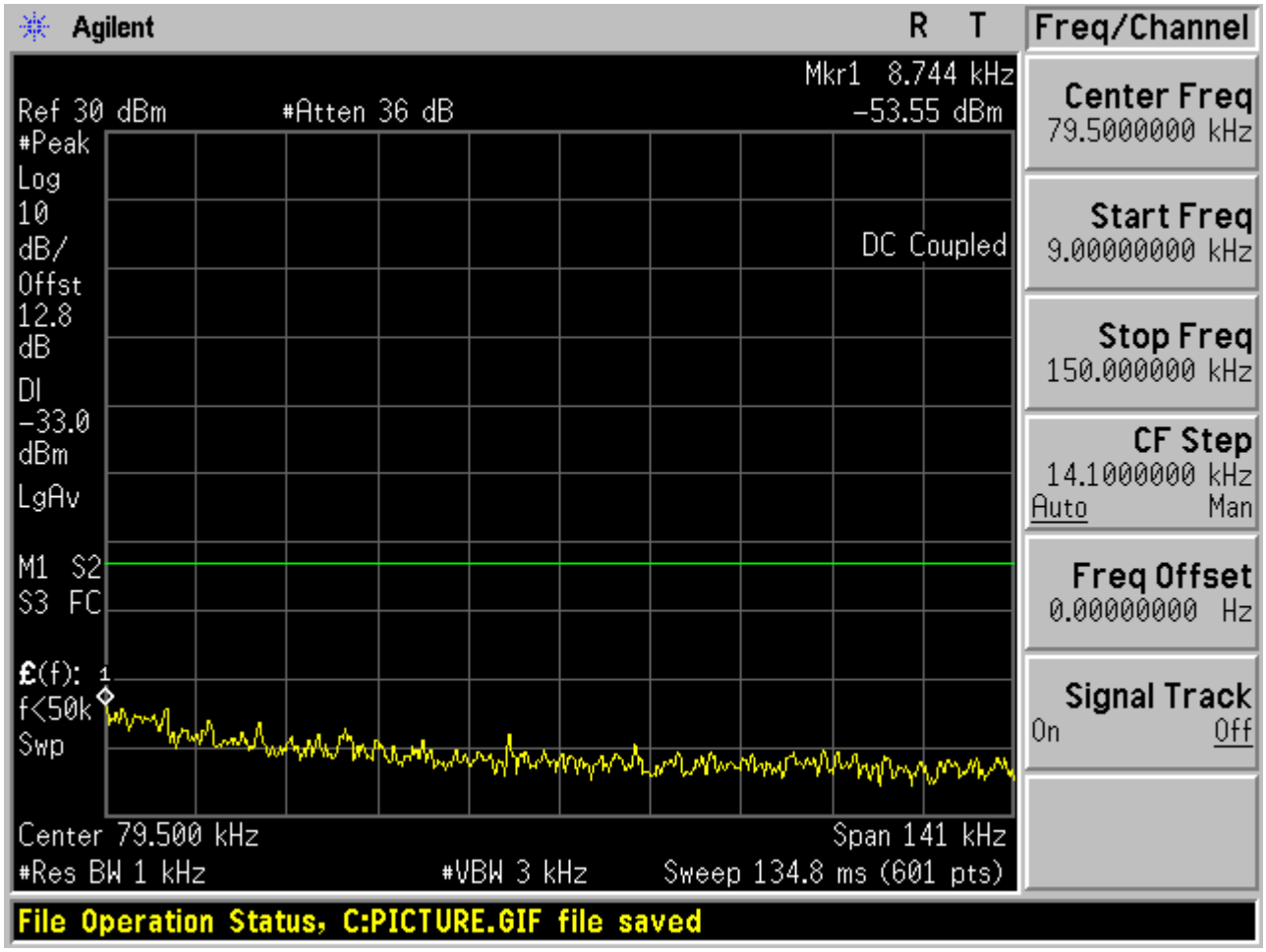
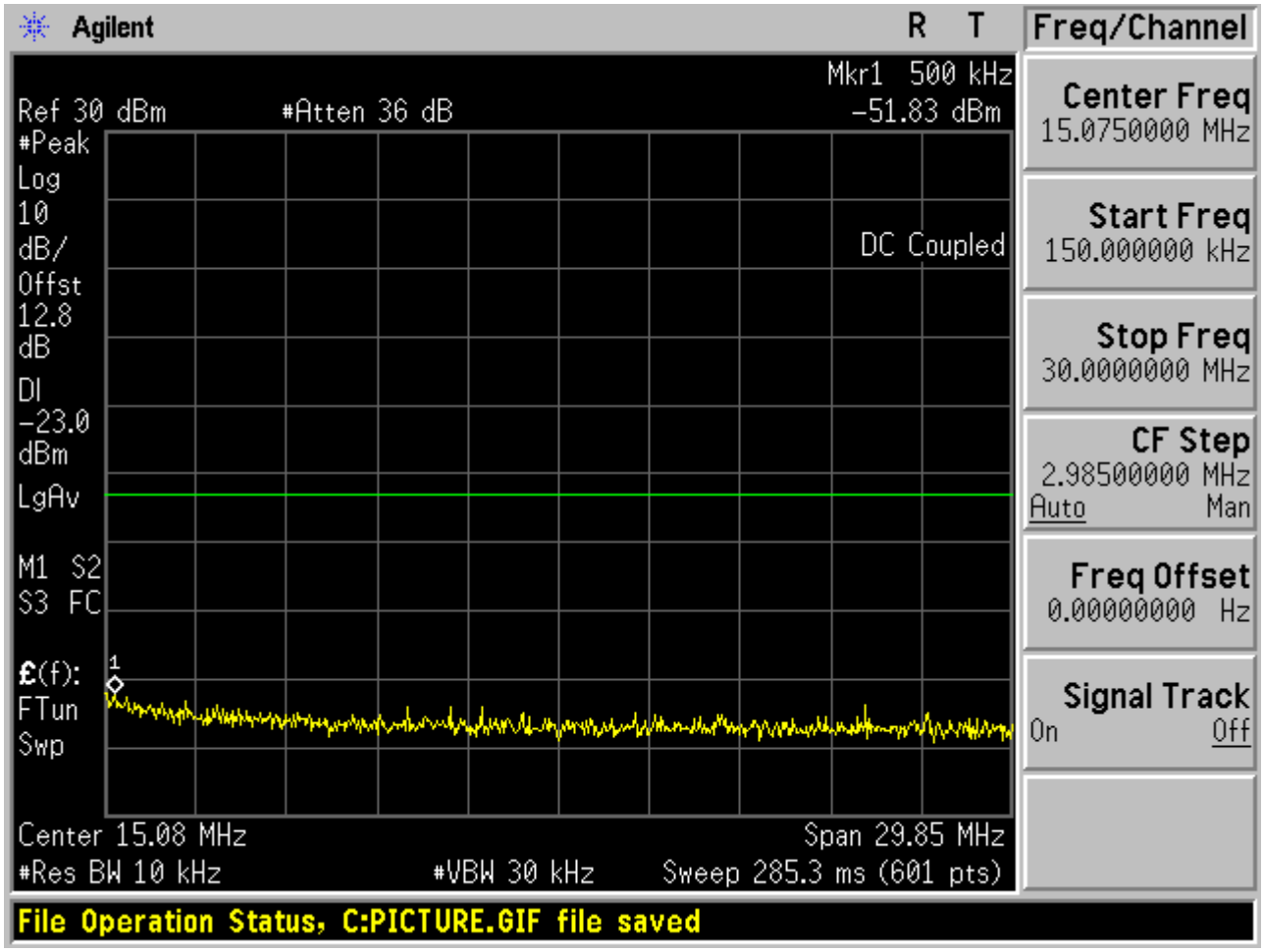
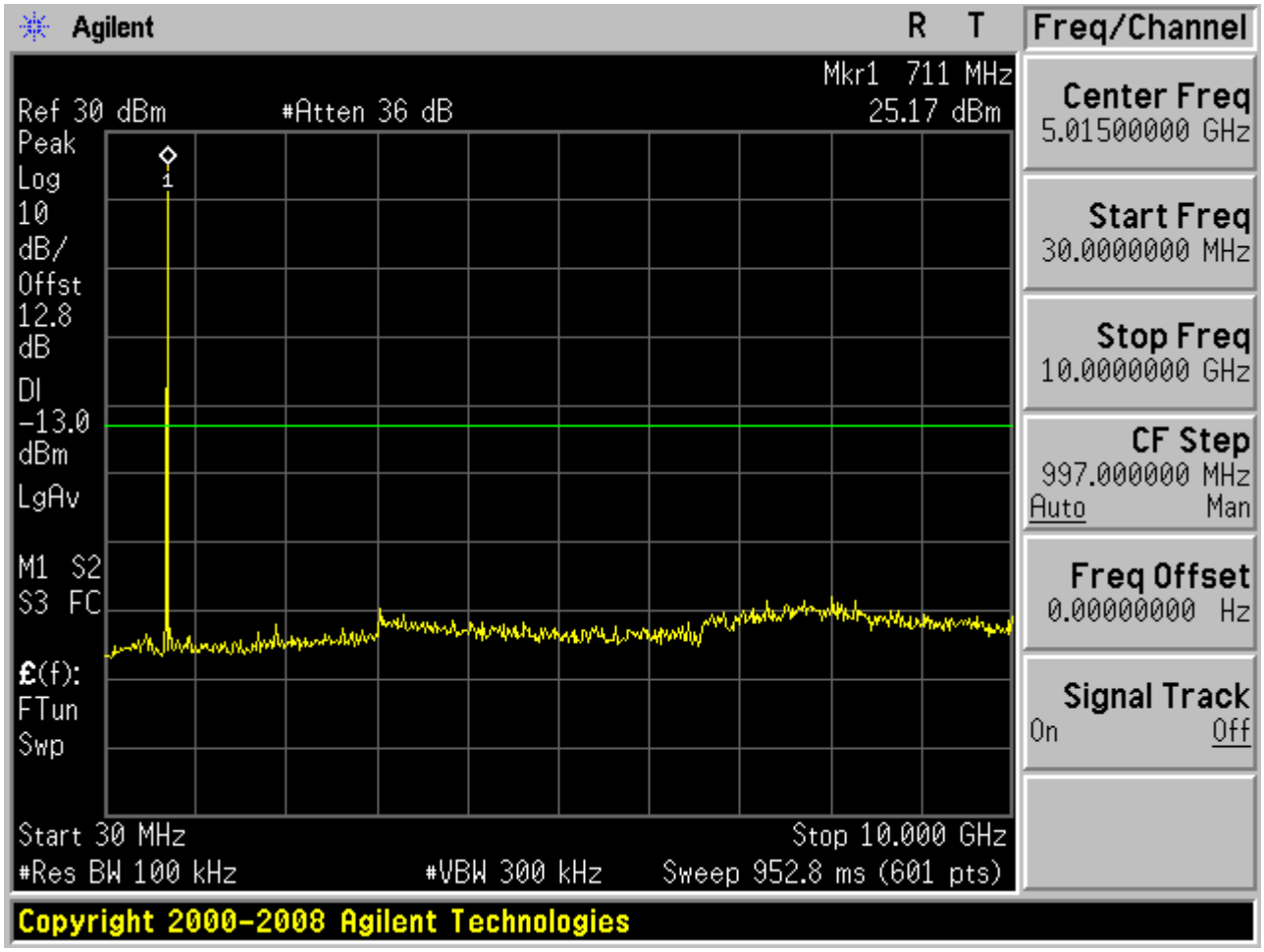
1.2.2.3 Channel = T

1.2.2.3.1 16QAM/1RBs /RB #0




Agilent
R T
Freq/Channel
Mkr1 500 kHz
Ref 30 dBm
#Atten 36 dB
-51.83 dBm
#Peak
Log
10
dB/
Offst
12.8
dB
Dl
-23.0
dBm
LgAv
DC Coupled
M1 S2
S3 FC
£(f):
FTun
Swp
Center Freq
15.0750000 MHz
Start Freq
150.000000 kHz
Stop Freq
30.0000000 MHz
CF Step
2.98500000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Center 15.08 MHz
Span 29.85 MHz
#Res BW 10 kHz
#VBW 30 kHz
Sweep 285.3 ms (601 pts)
File Operation Status, C:PICTURE.GIF file saved


Agilent
R T
Freq/Channel
Mkr1 711 MHz
Ref 30 dBm
#Atten 36 dB
25.17 dBm
Peak
Log
10
dB/
Offst
12.8
dB
Dl
-13.0
dBm
LgAv
M1 S2
S3 FC
£(f):
FTun
Swp
Center Freq
5.01500000 GHz
Start Freq
30.0000000 MHz
Stop Freq
10.0000000 GHz
CF Step
997.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Start 30 MHz
Stop 10.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 952.8 ms (601 pts)
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