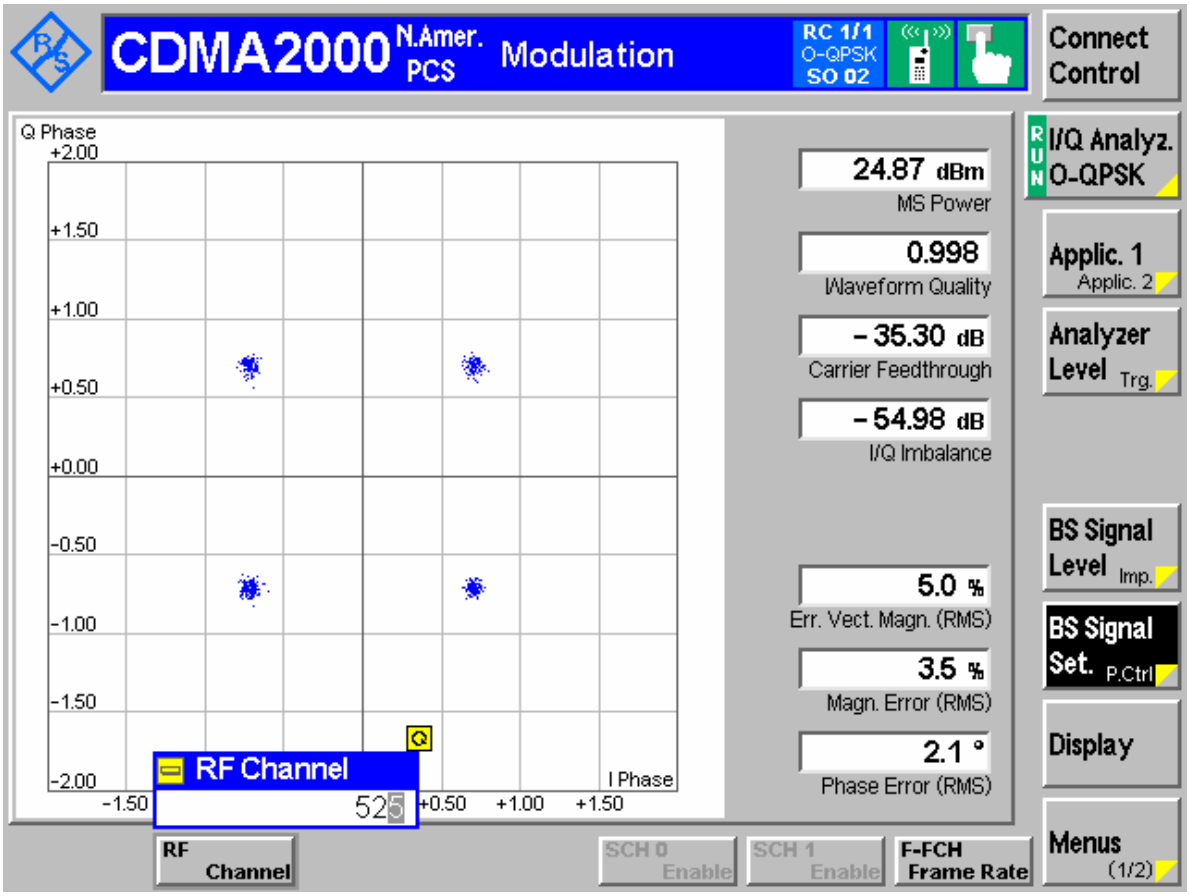
Appendix A

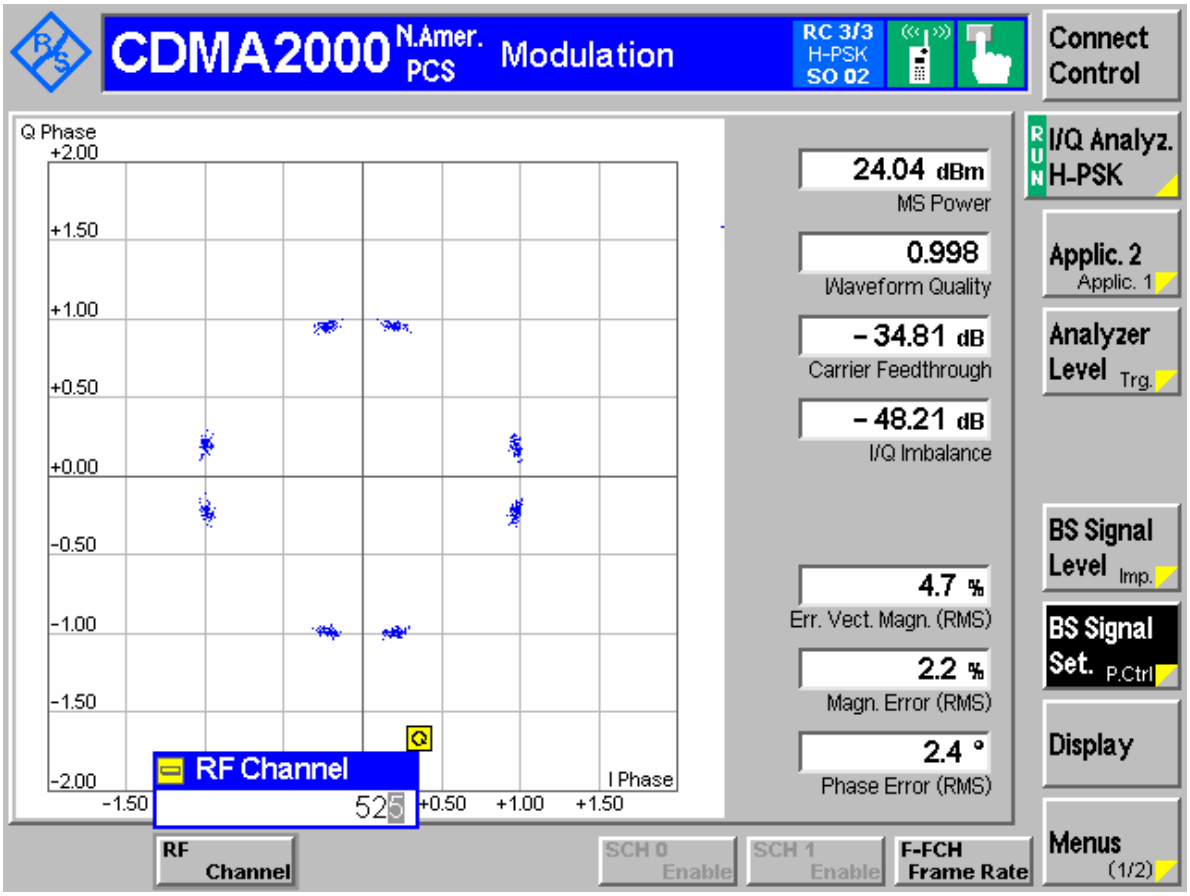
Modulation Characteristics

According to FCC Part 2.1047 & Part24 Subpart E

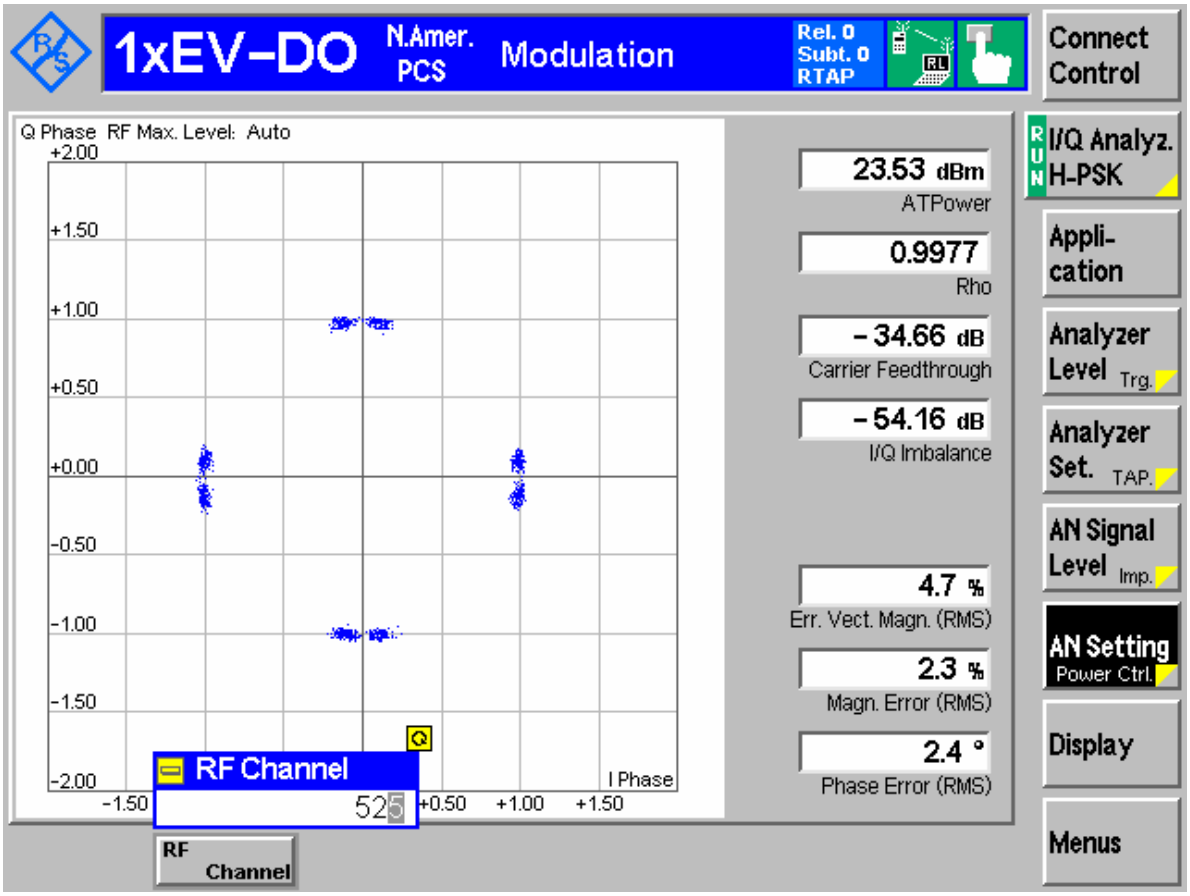
Channel 525(TM1)



Channel 525(TM3)



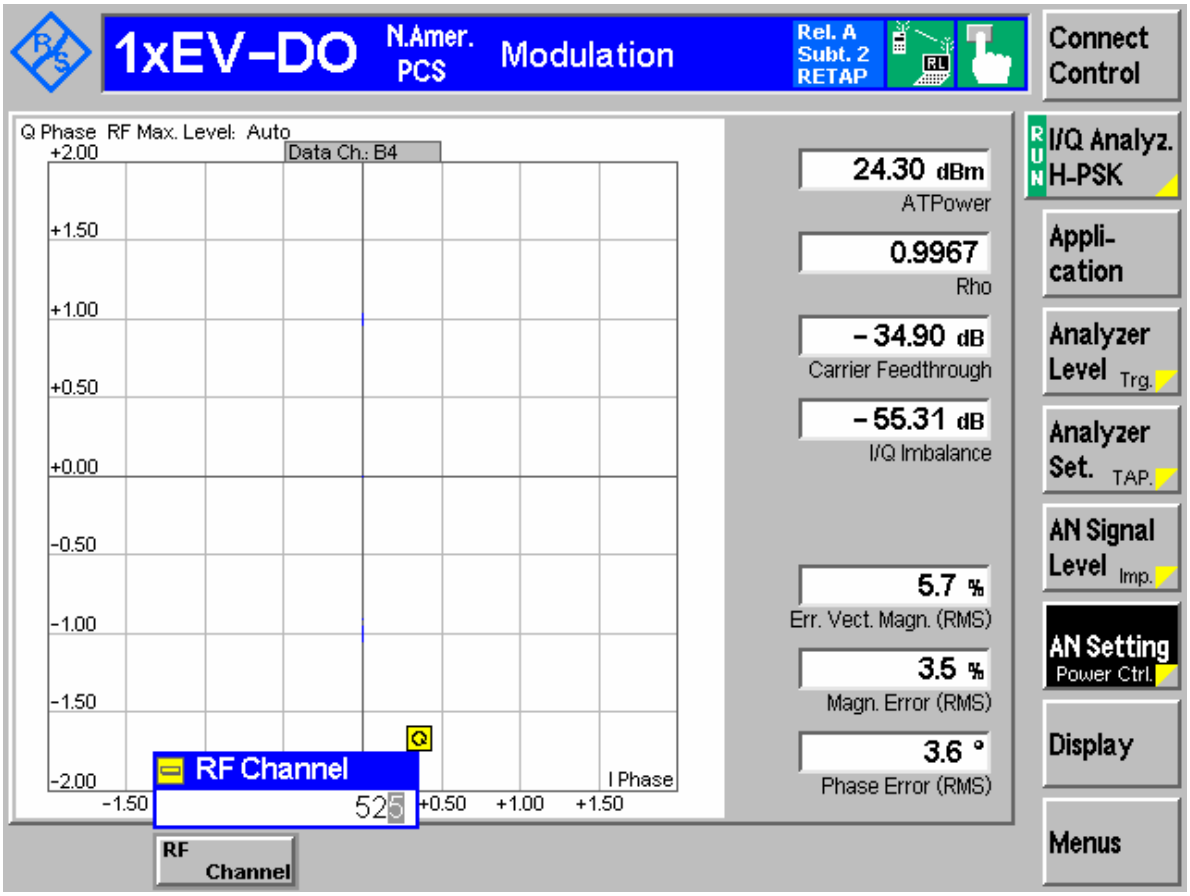
Channel 525（Subtype 0）
（HPSK）



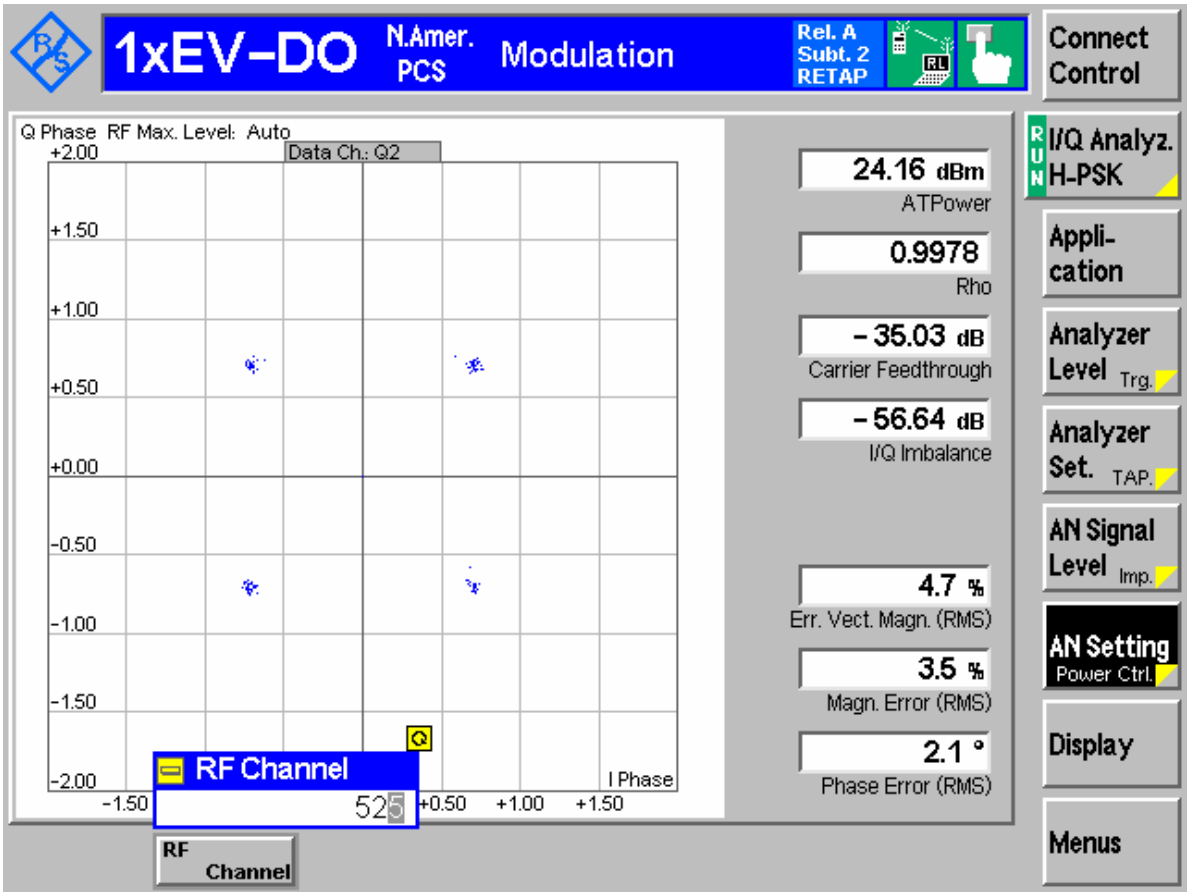
Channel 525（Subtype 2）

The R-Data packet size determines the modulation format：

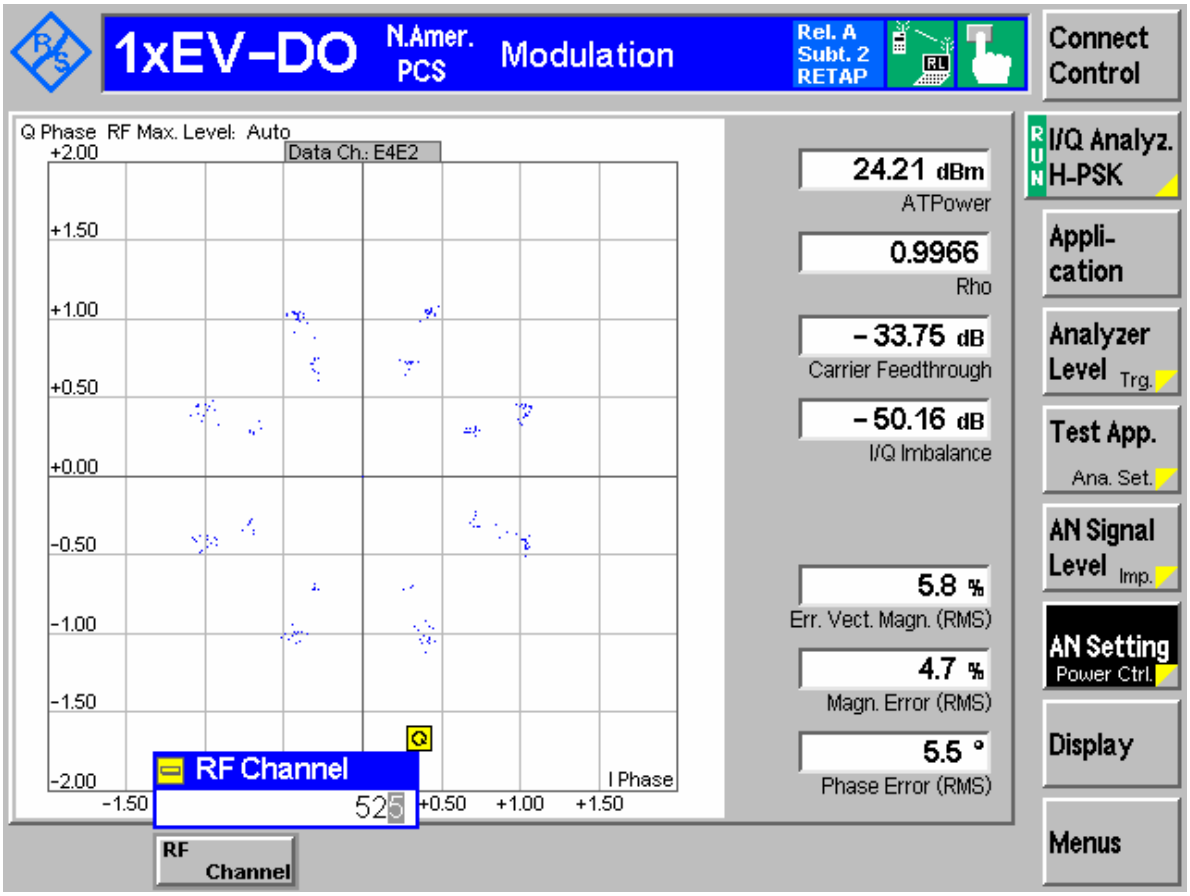
R-Data Pkt Size （256 bits）（BPSK）



R-Data Pkt Size （4096 bits） （QPSK）



R-Data Pkt Size （12288 bits）（8PSK）

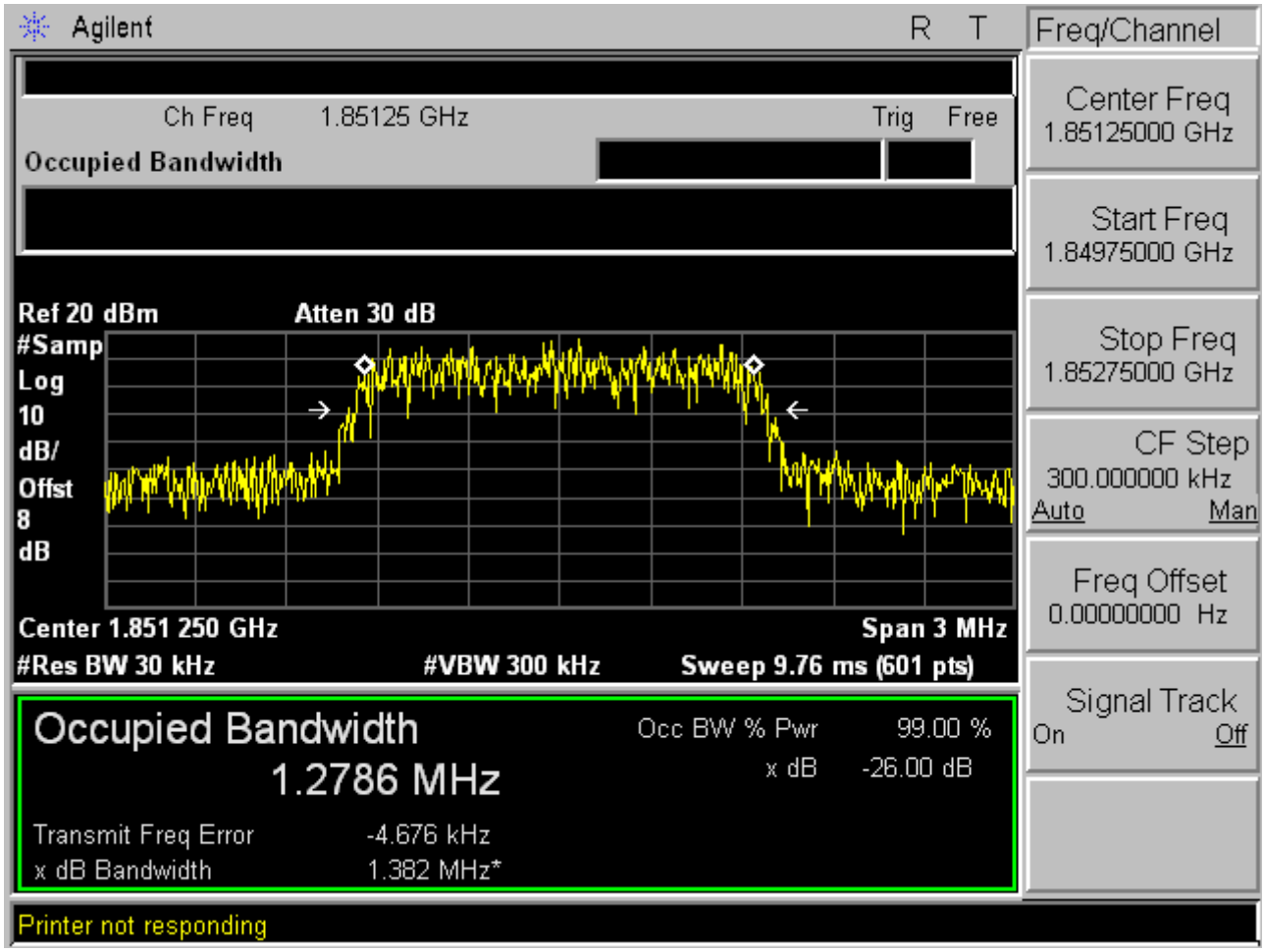

1xEV-DO
N.Amer. PCS
Modulation
Rel. A Subt. 2 RETAP
Connect Control
Q Phase RF Max. Level: Auto
Data Ch.: E4E2
+2.00
+1.50
+1.00
+0.50
+0.00
-0.50
-1.00
-1.50
-2.00
-1.50
+0.50
+1.00
+1.50
I Phase
RF Channel
525
24.21 dBm
ATPower
0.9966
Rho
-33.75 dB
Carrier Feedthrough
-50.16 dB
I/Q Imbalance
5.8 %
Err. Vect. Magn. (RMS)
4.7 %
Magn. Error (RMS)
5.5 °
Phase Error (RMS)
RUN I/Q Analyz. H-PSK
Appli-cation
Analyzer Level Trg.
Test App. Ana. Set.
AN Signal Level Imp.
AN Setting Power Ctrl.
Display
Menus
RF Channel

Appendix B

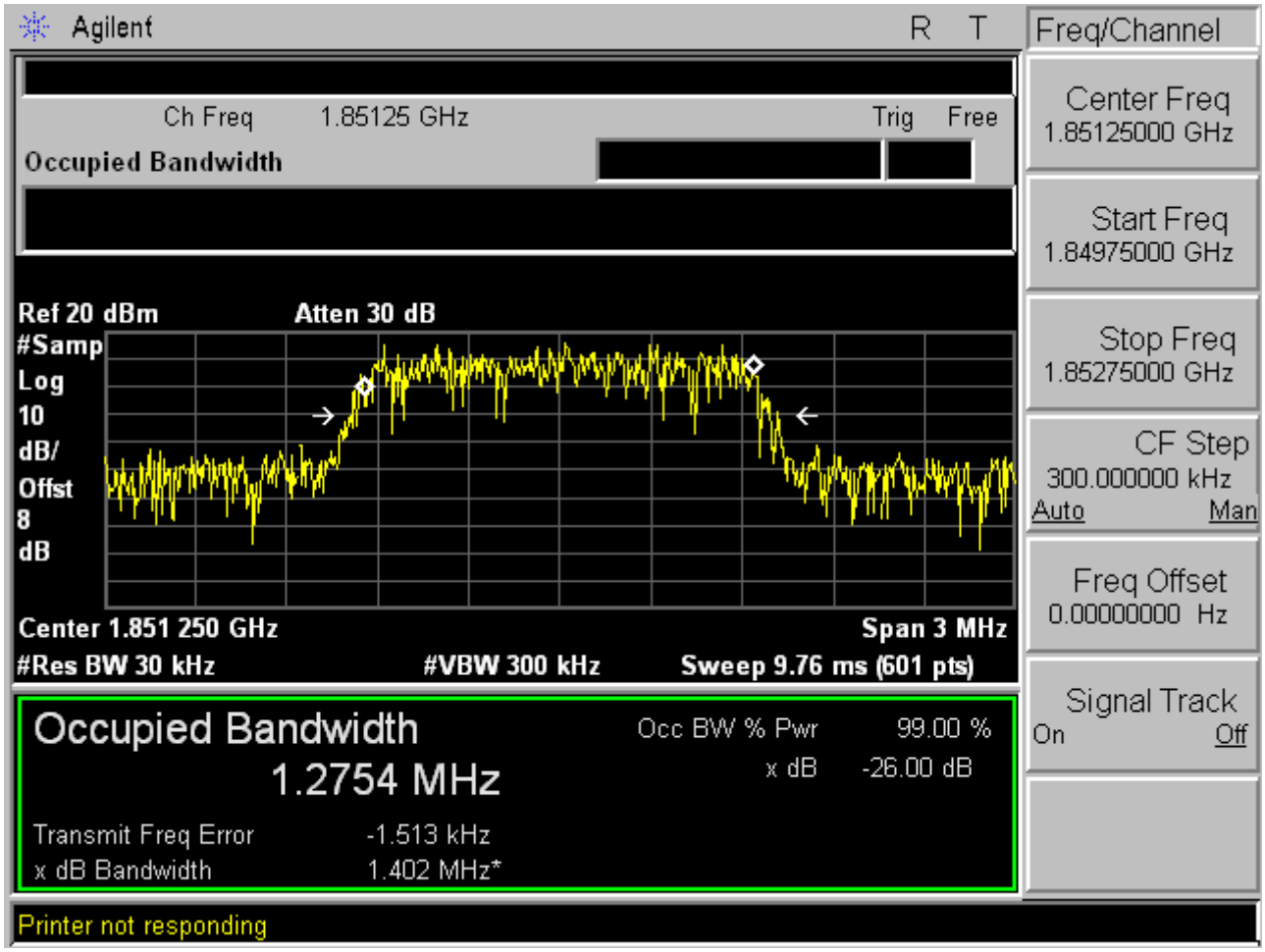
Occupied Bandwidth

According to FCC Part 2.1049 & Part 24 Subpart E

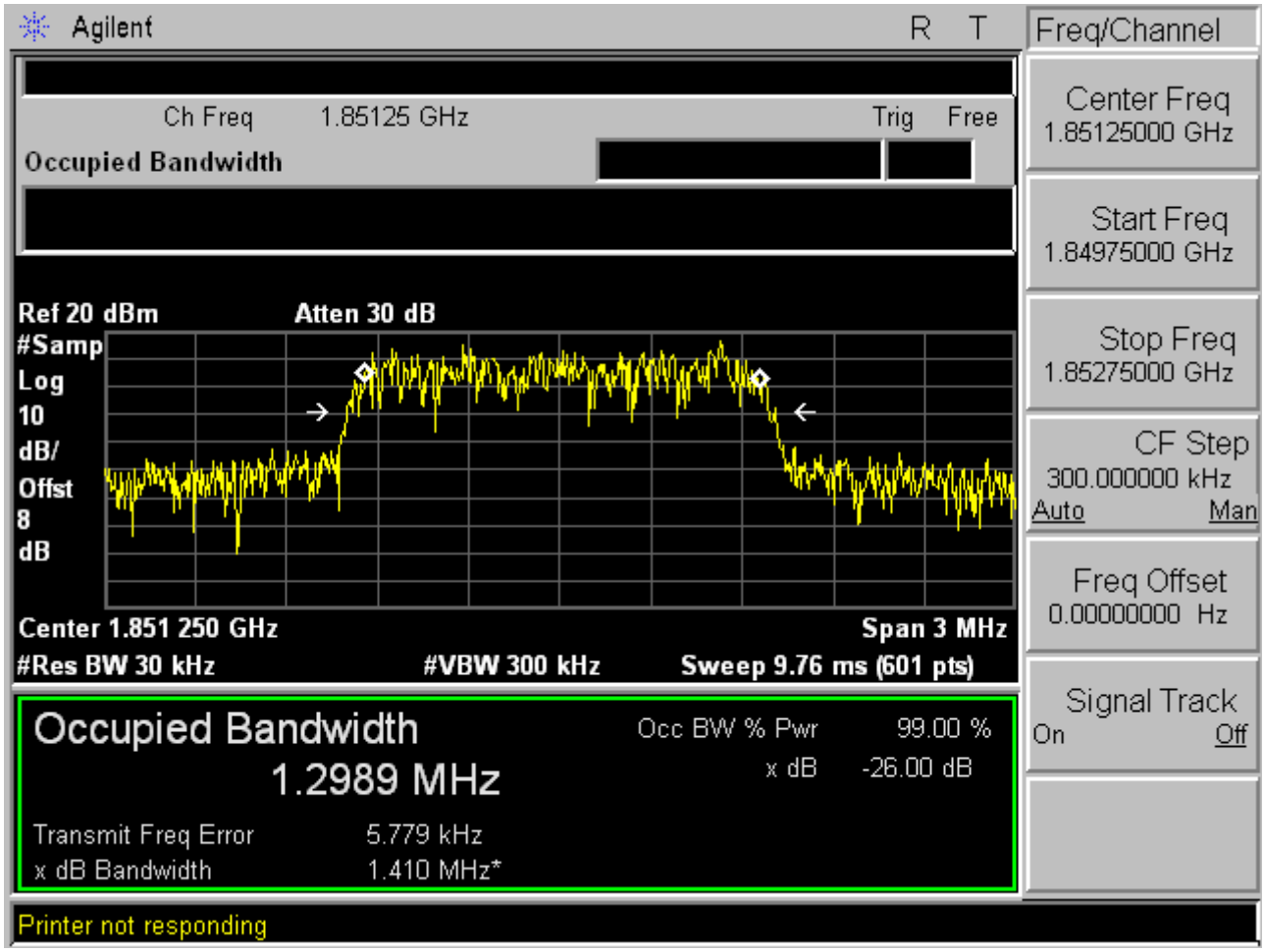
Channel 25（TM1）



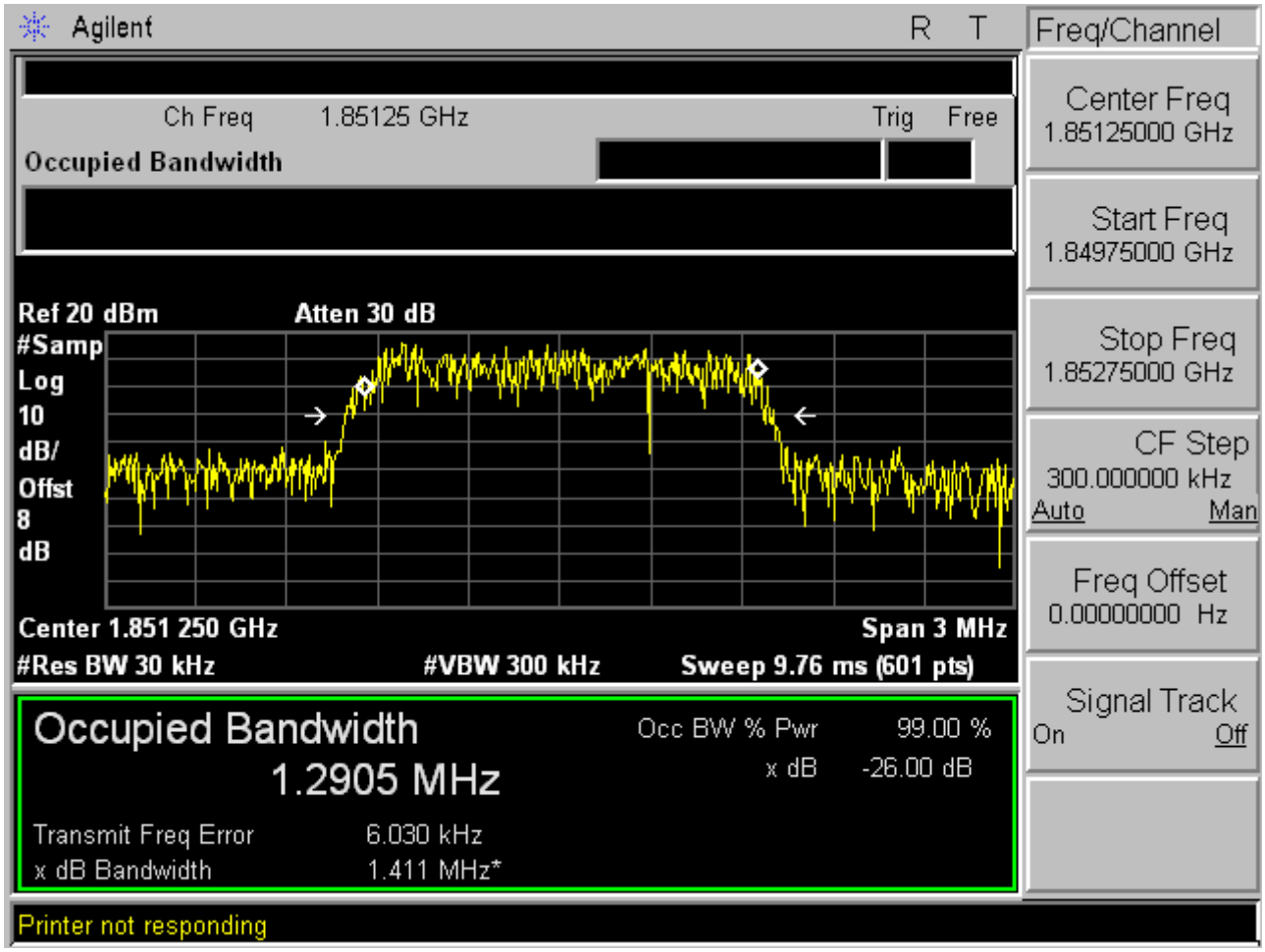
Channel 25（TM3）



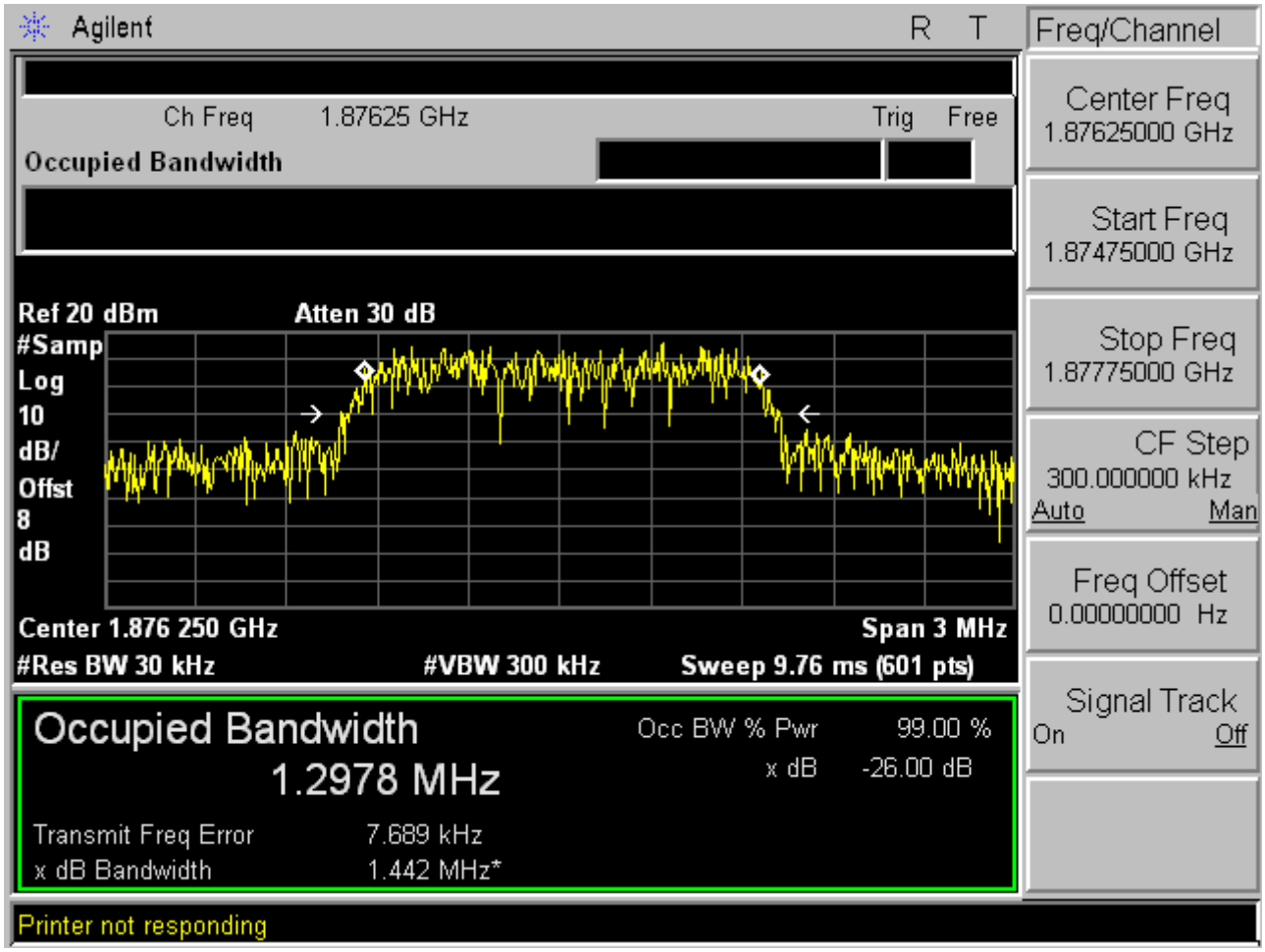
Channel 25（EVDO subtype 0）



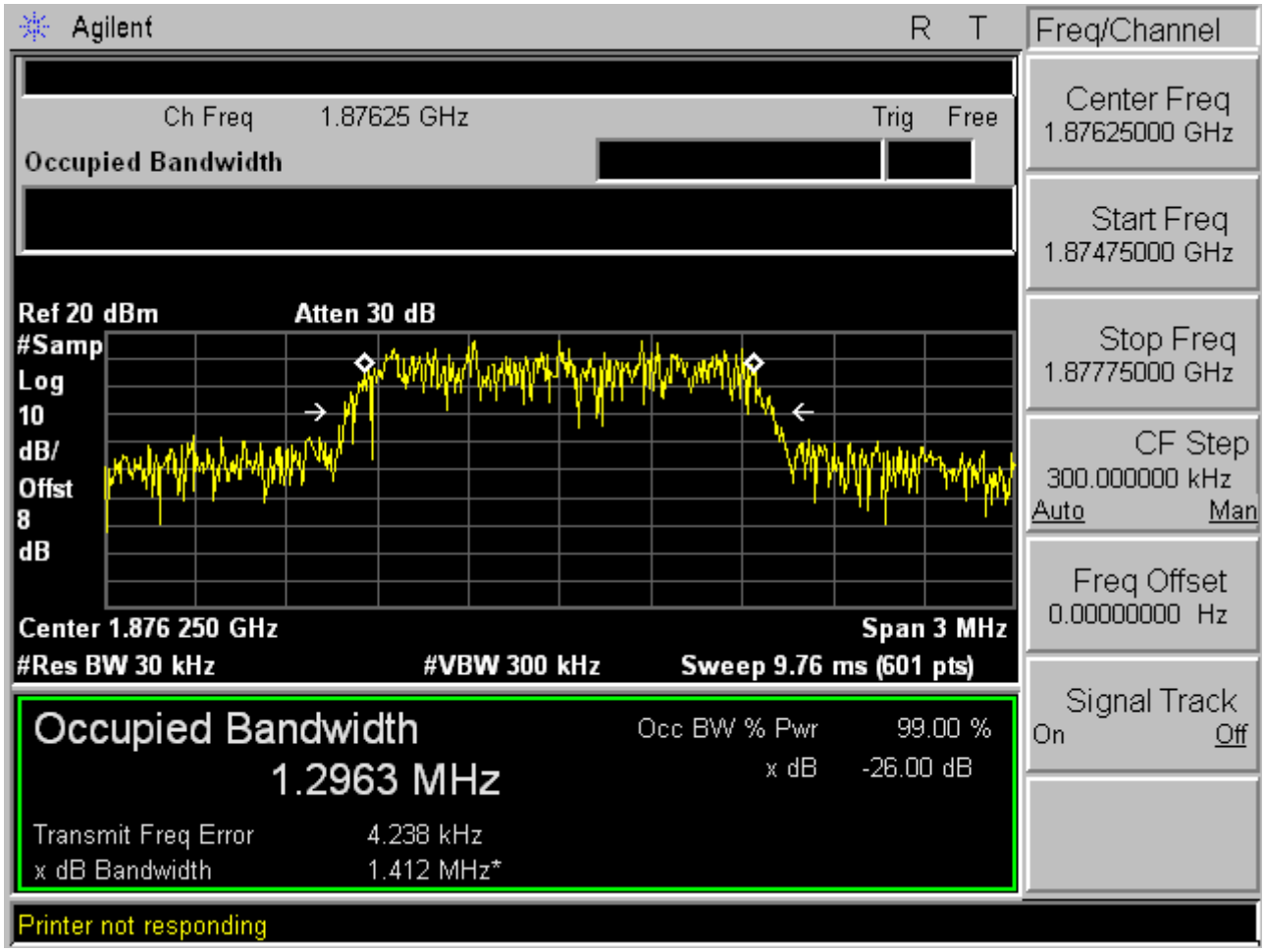
Channel 25（EVDO subtype 2）



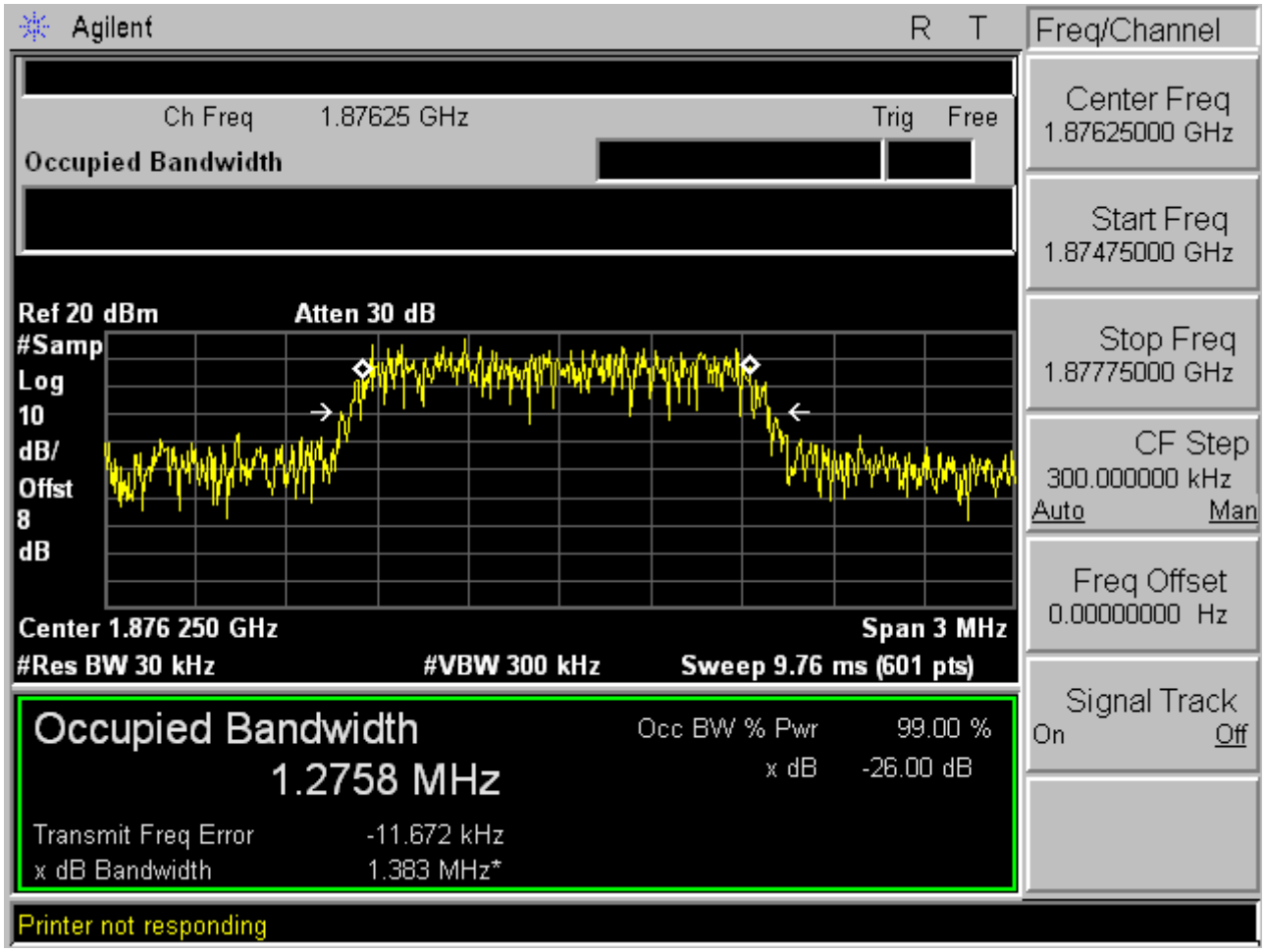
Channel 525（TM1）



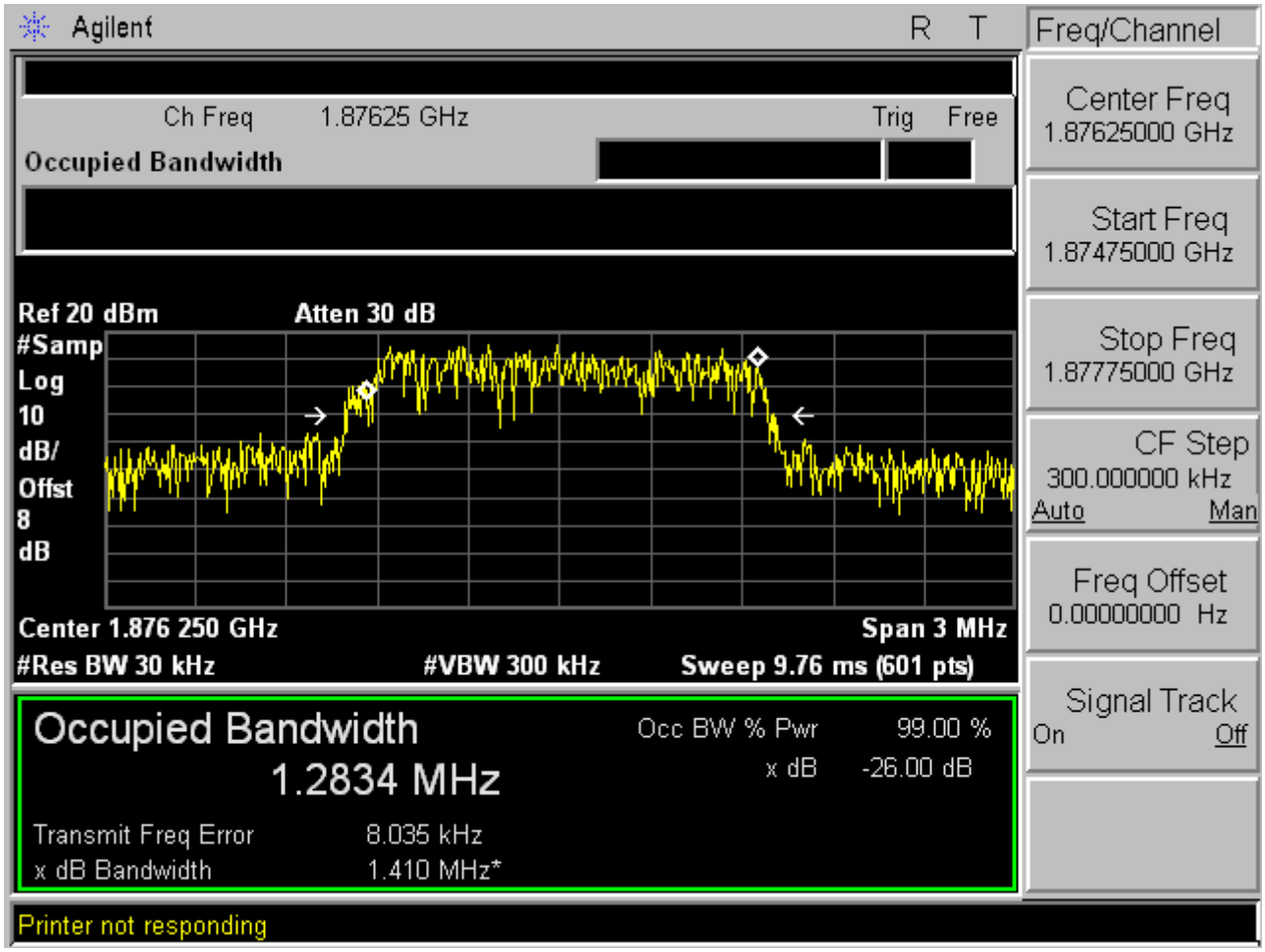
Channel 525（TM3）



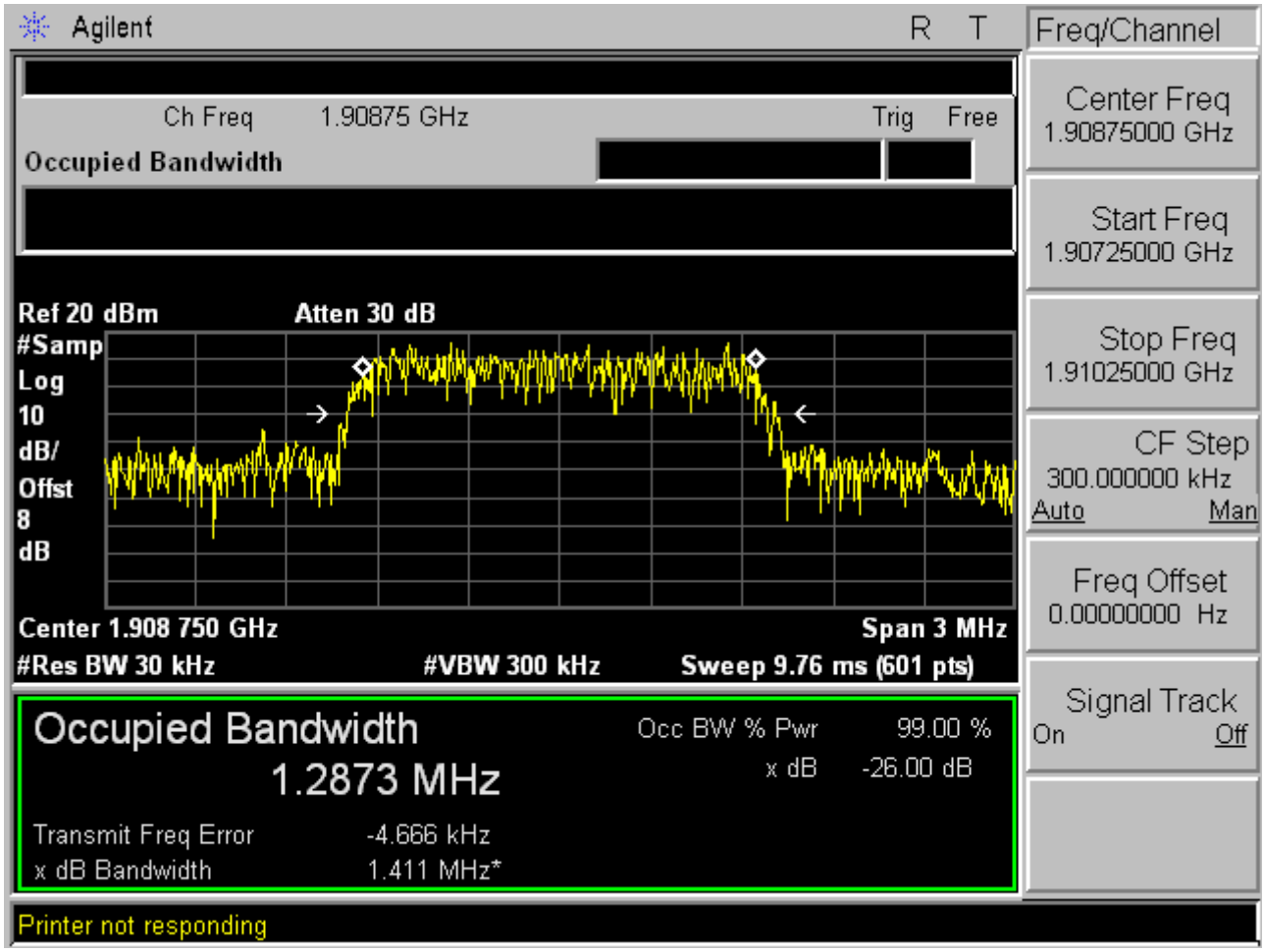
Channel 525（EVDO release 0）



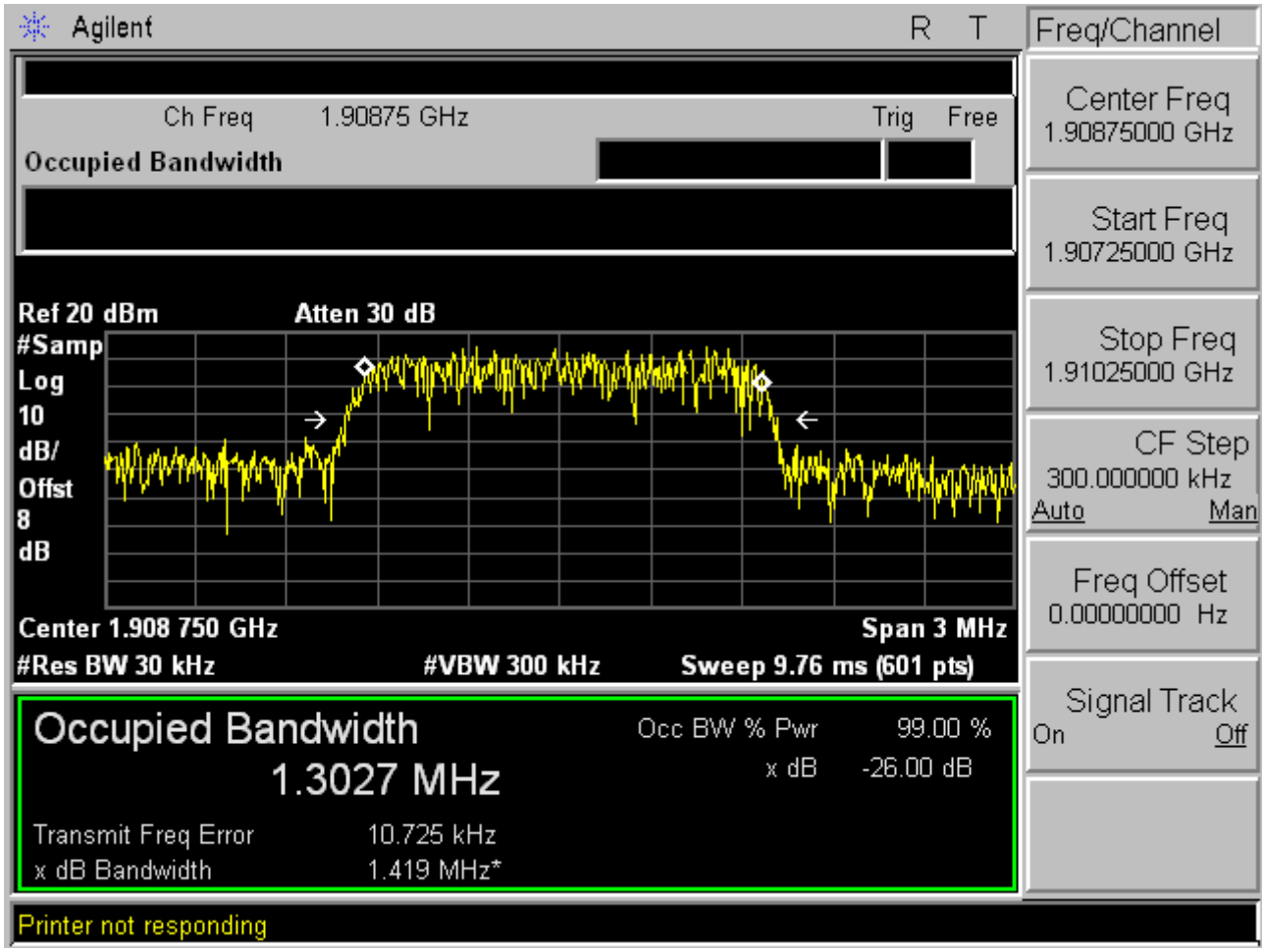
Channel 525（EVDO subtype 2）



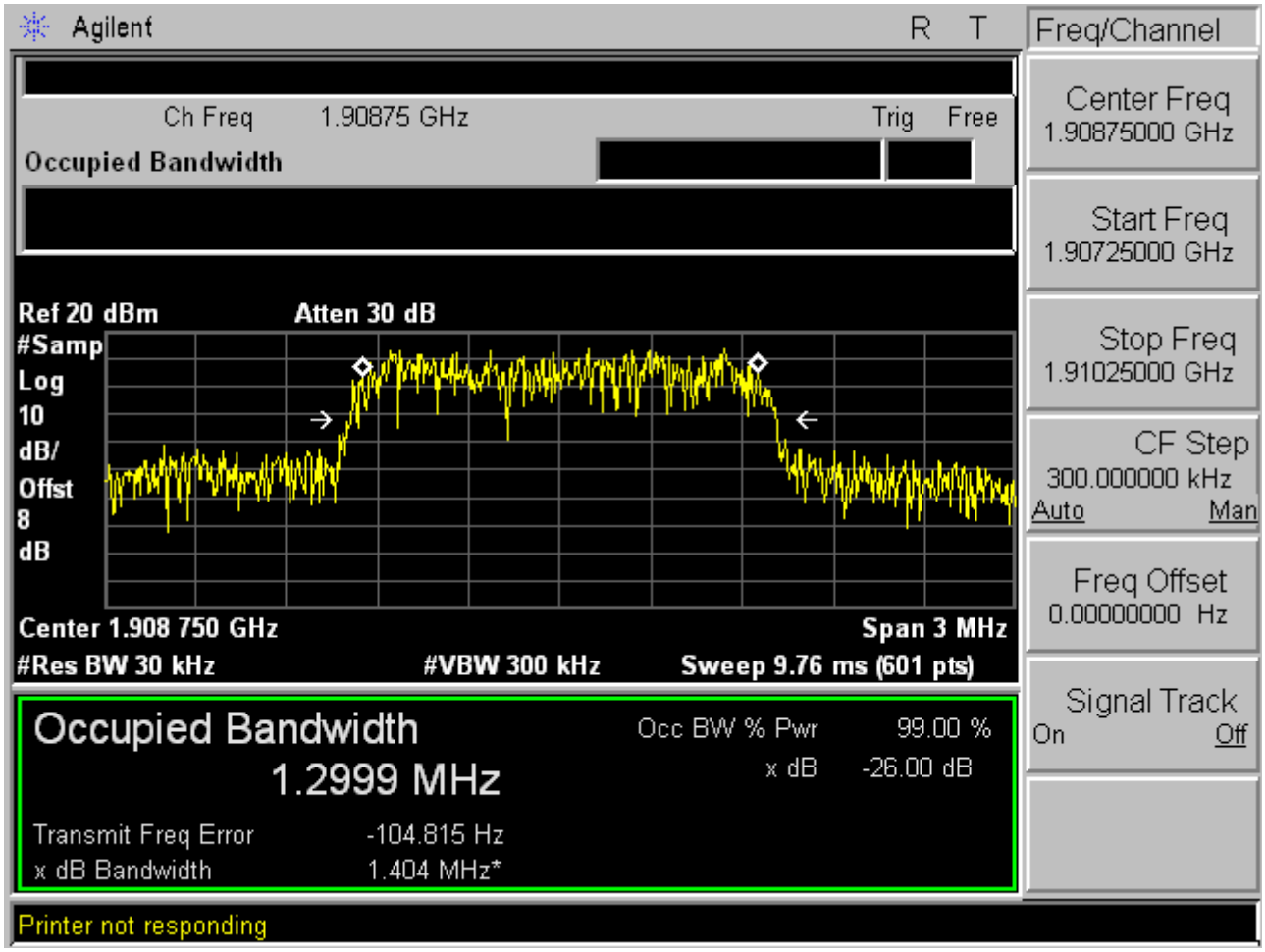
Channel 1175（TM1）



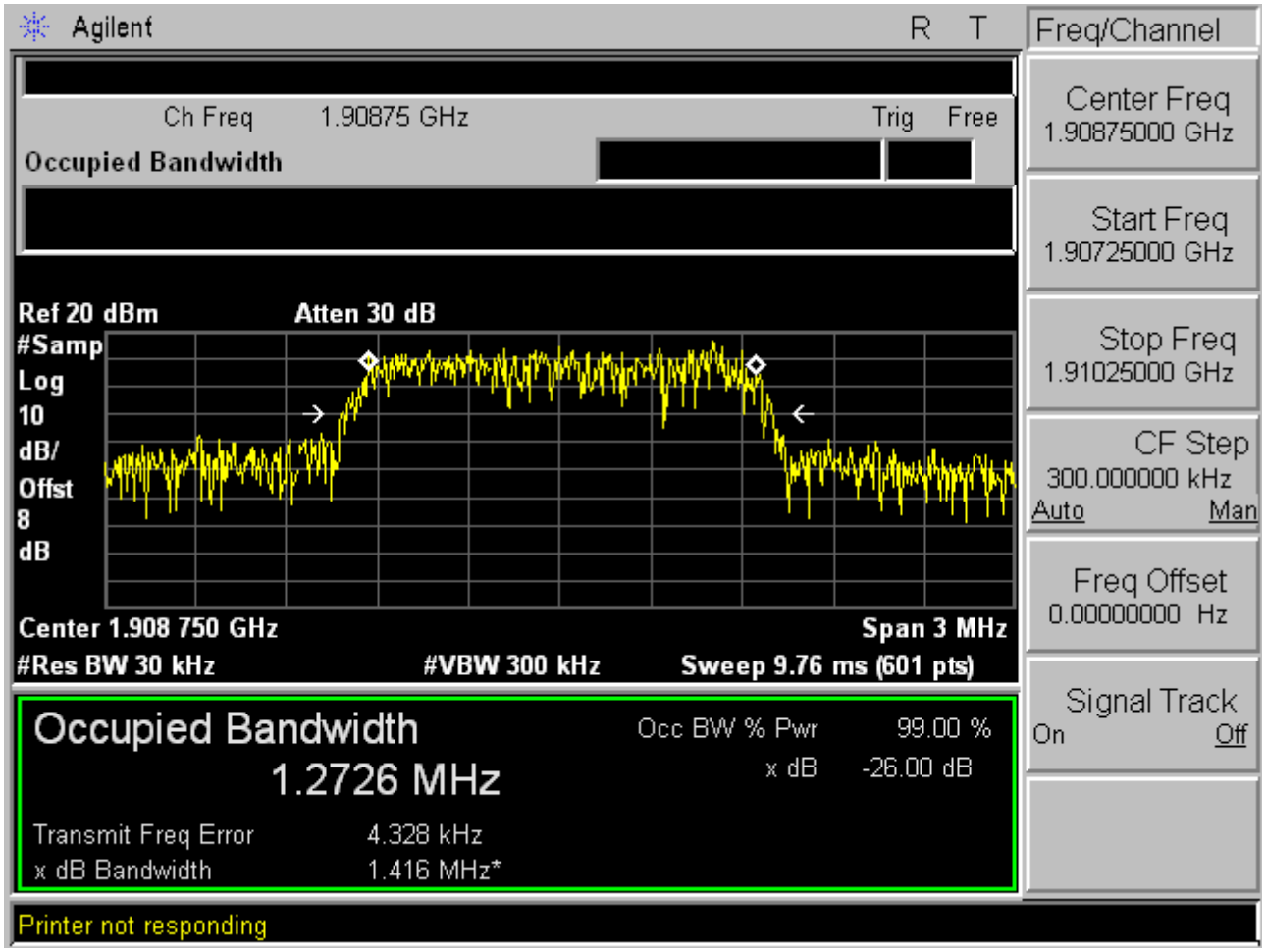
Channel 1175（TM3）



Channel 1175（EVDO subtype 0）



Channel 1175（EVDO subtype 2）

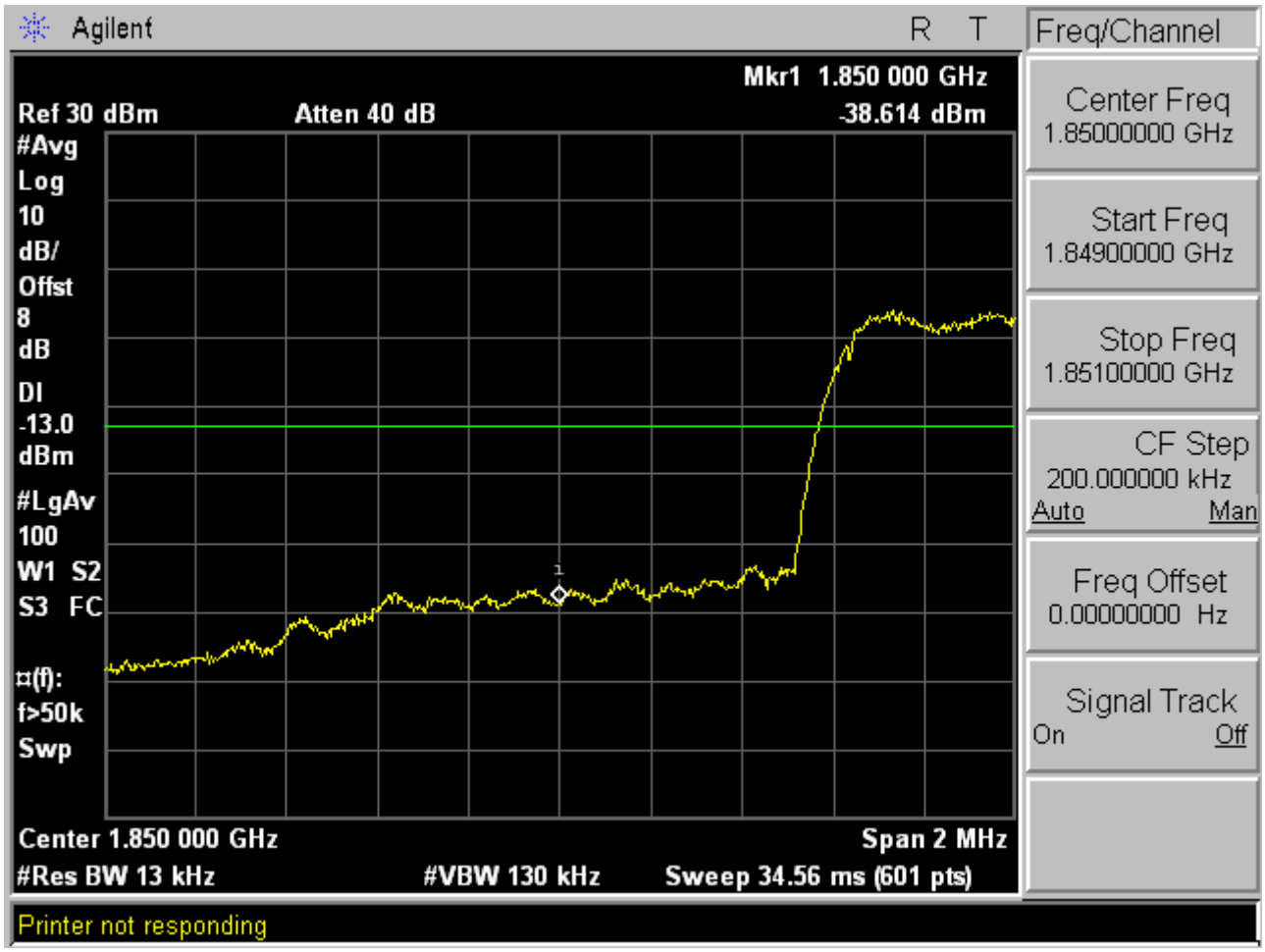

Agilent
R T
Freq/Channel
Ch Freq 1.90875 GHz
Trig Free
Occupied Bandwidth
Center Freq
1.90875000 GHz
Start Freq
1.90725000 GHz
Stop Freq
1.91025000 GHz
CF Step
300.000000 kHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Ref 20 dBm
Atten 30 dB
#Samp
Log
10
dB/
Offst
8
dB
Center 1.908 750 GHz
Span 3 MHz
#Res BW 30 kHz
#VBW 300 kHz
Sweep 9.76 ms (601 pts)
Occupied Bandwidth
1.2726 MHz
Occ BW % Pwr 99.00 %
x dB -26.00 dB
Transmit Freq Error 4.328 kHz
x dB Bandwidth 1.416 MHz*
Printer not responding

Appendix C

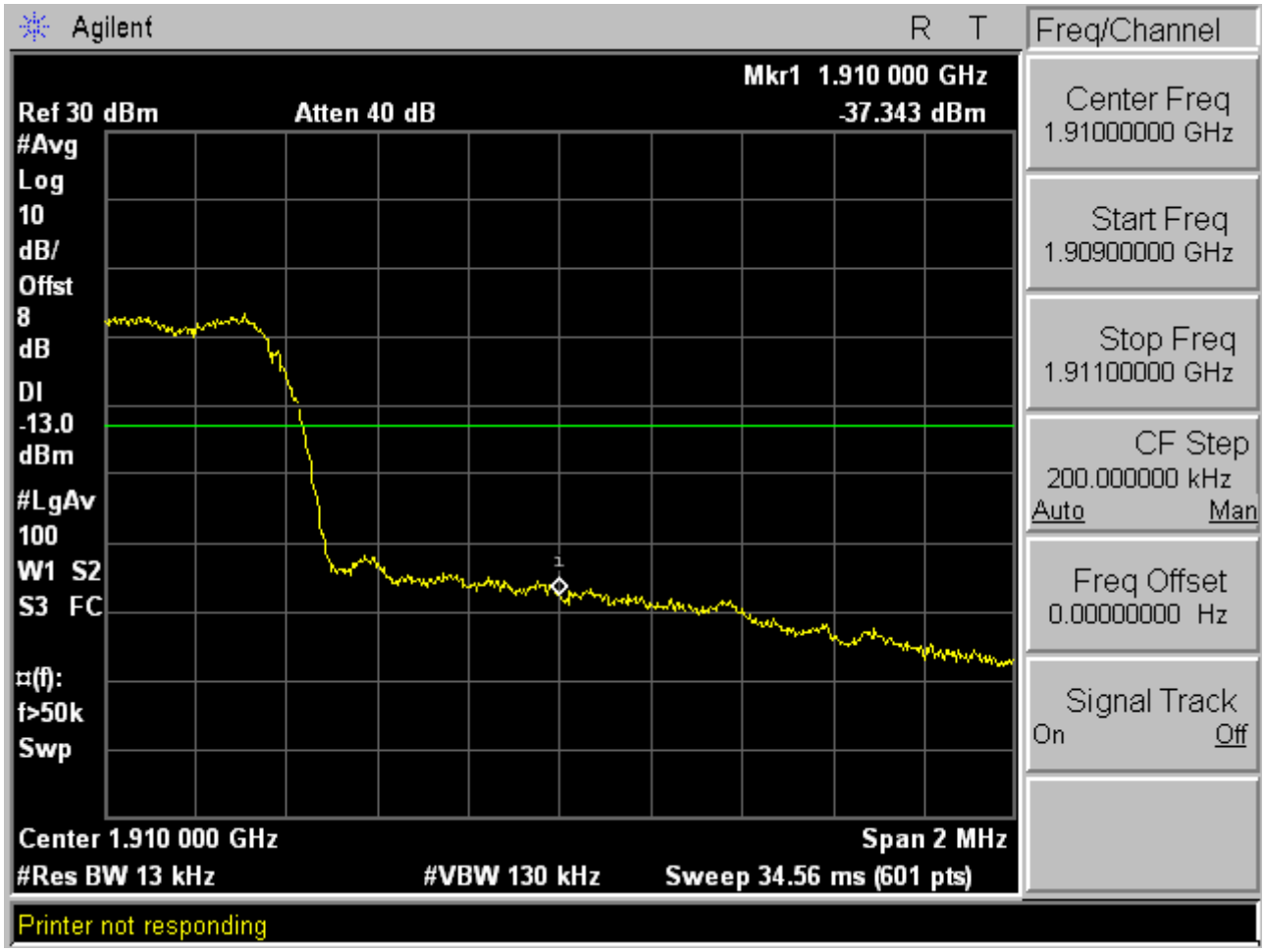
Band Edges Compliance

According to FCC Part 2.1051 & 24.238

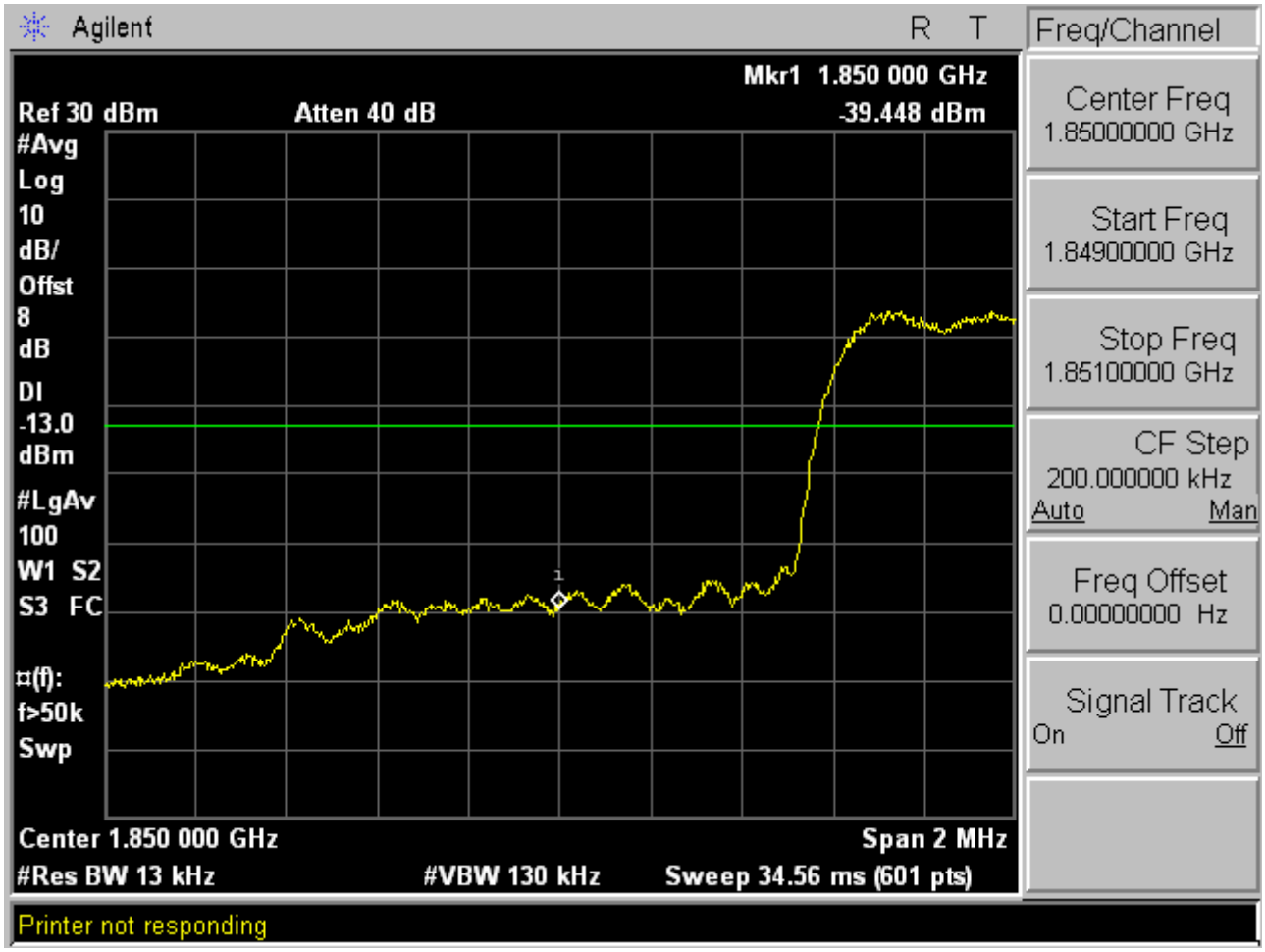
TM1
Left Edge
Channel 25



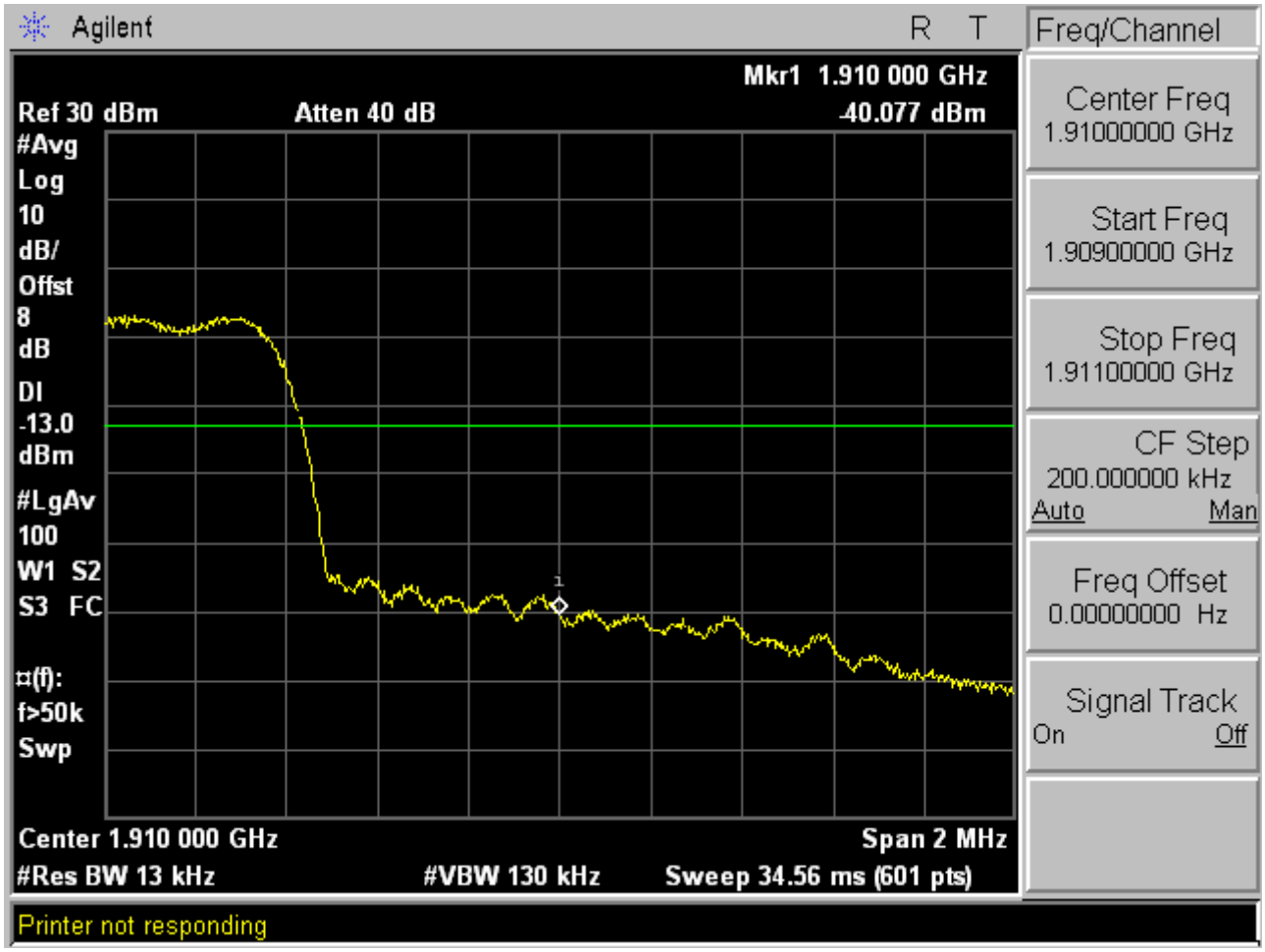
Right Edge
Channel 1175



TM3
Left Edge
Channel 25

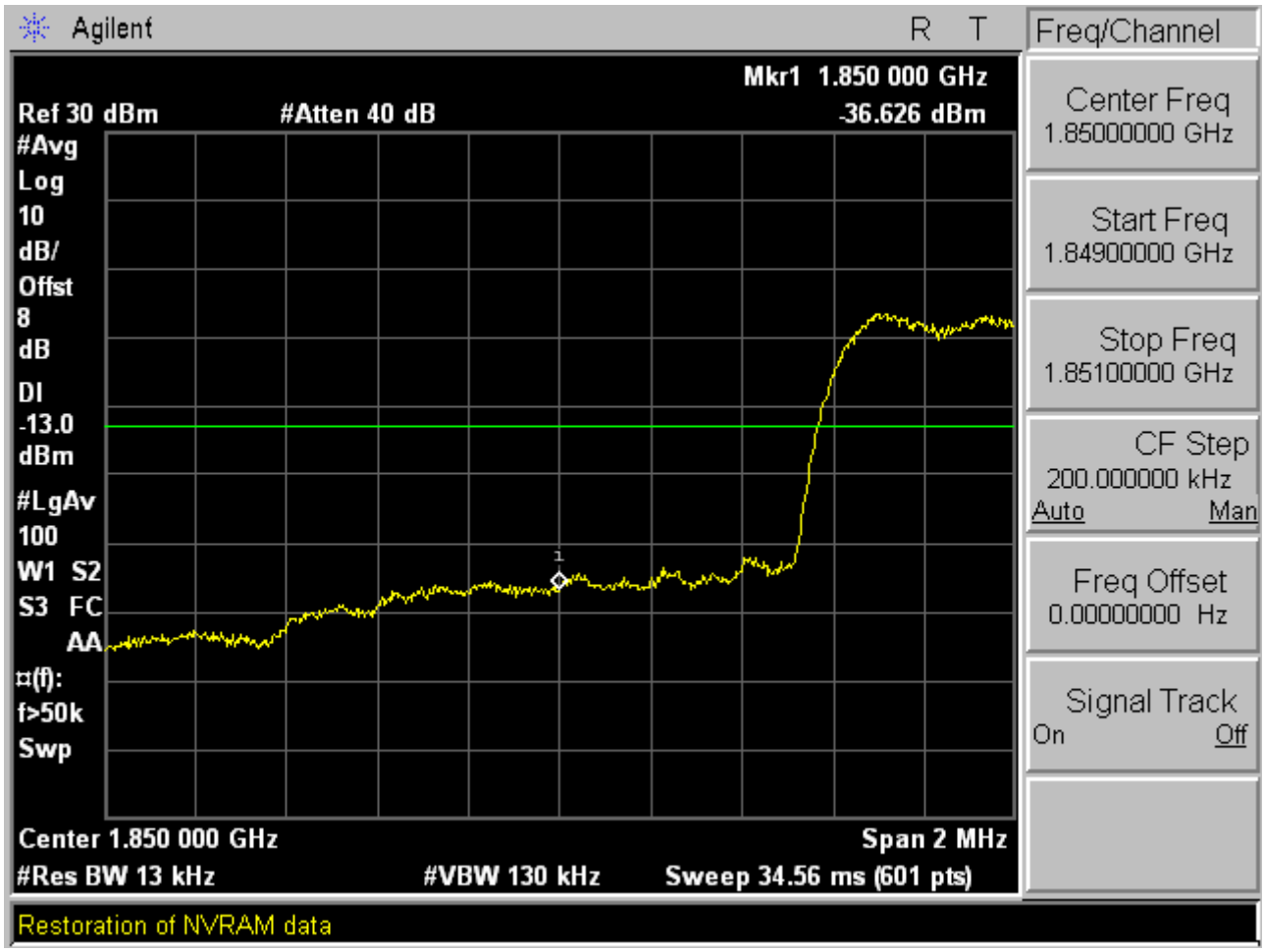


Right Edge
Channel 1175

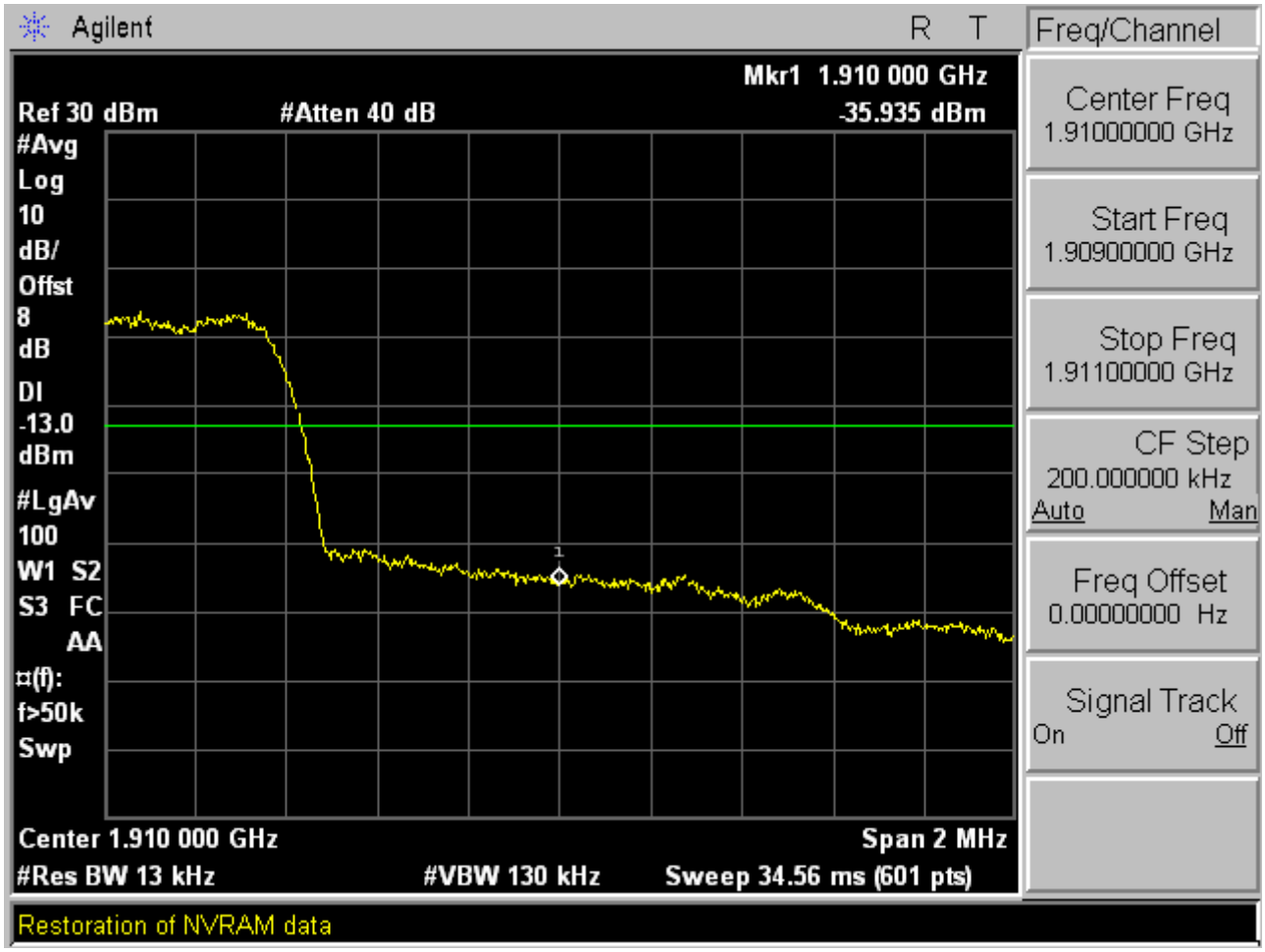


EVDO Subtype 0

Left Edge (824 MHz)
Channel 25



Right Edge
Channel 1175

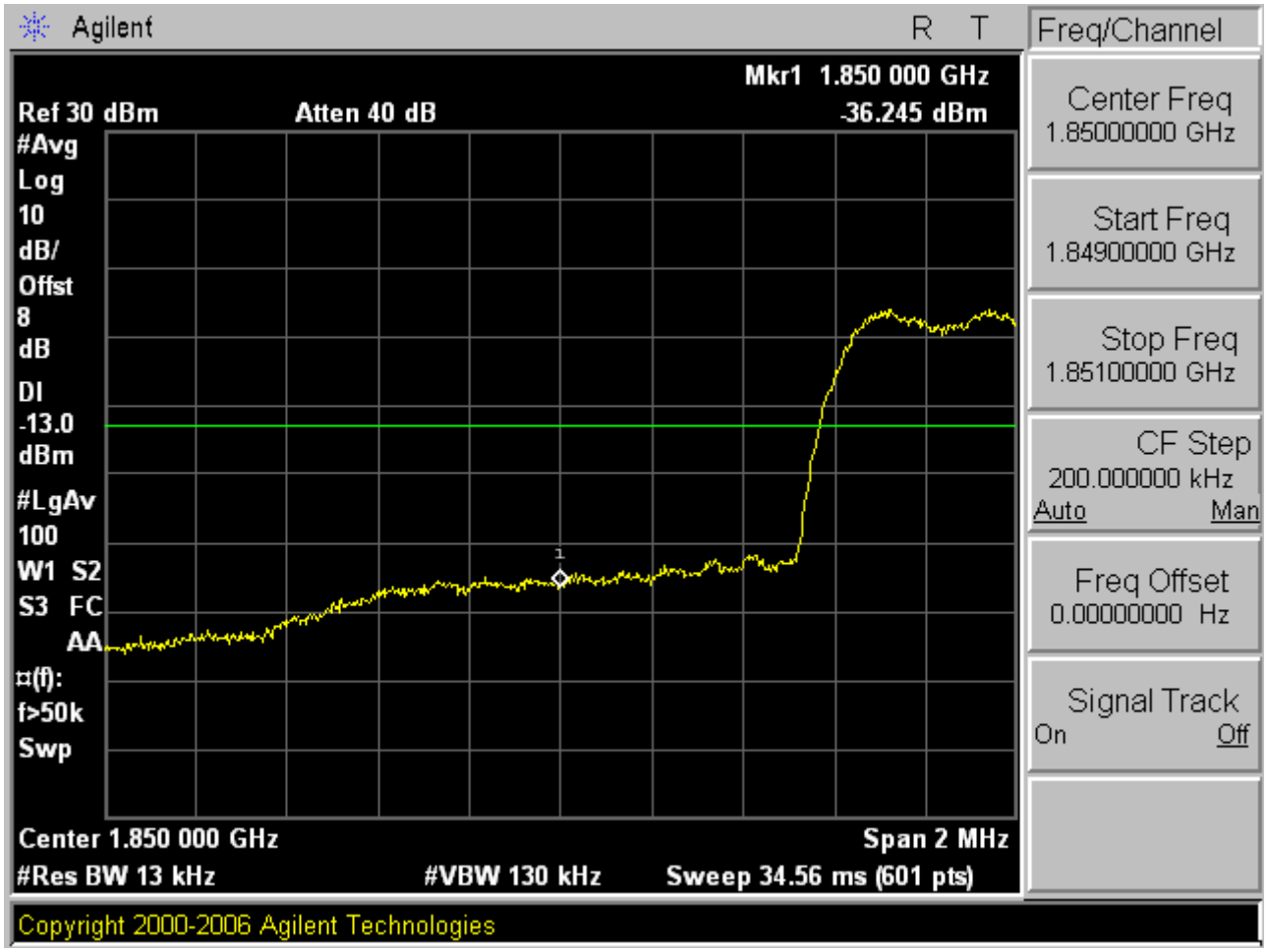


EVDO Subtype 2

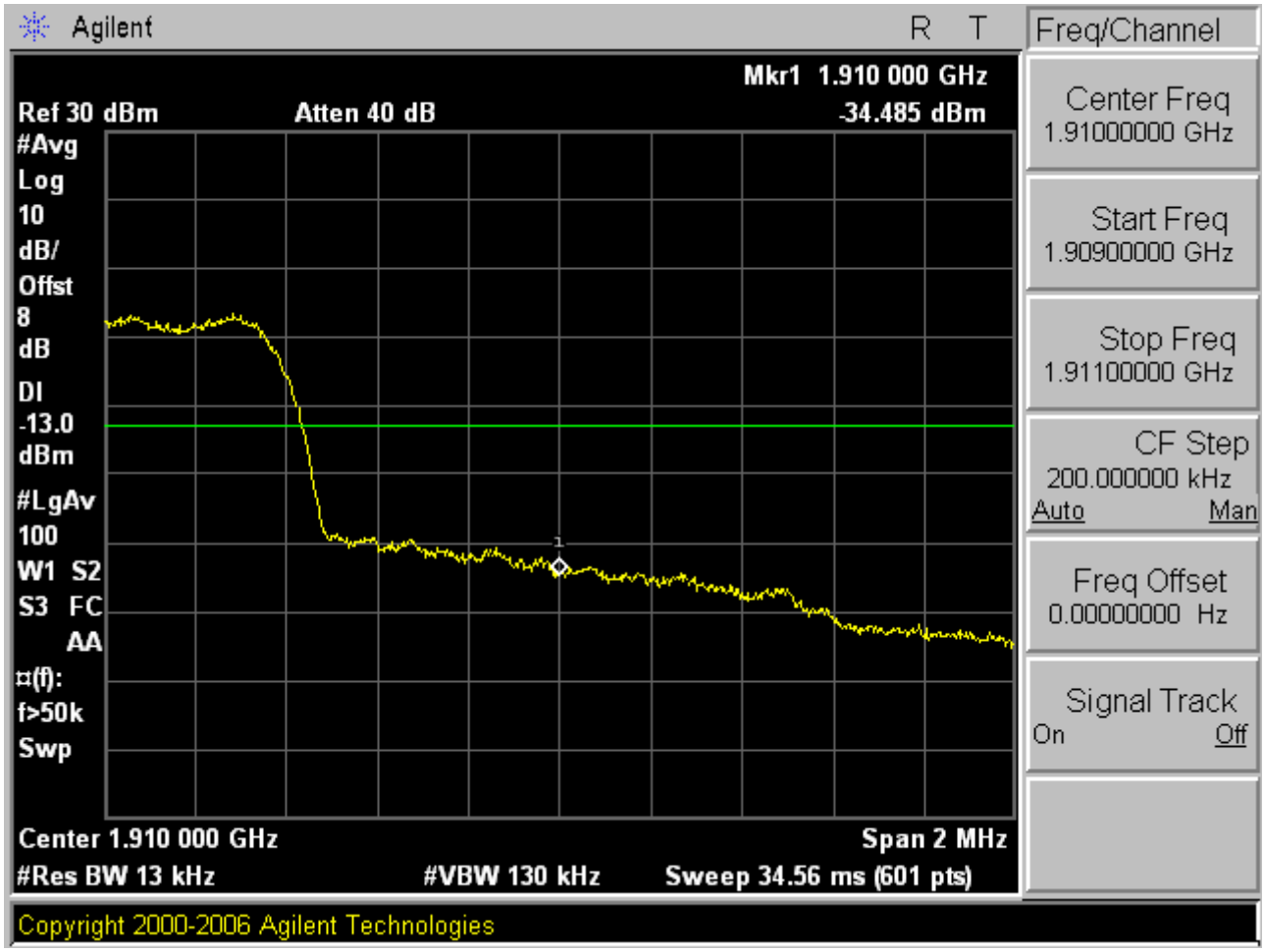
Modulation: HPSK

Left Edge

Channel 25



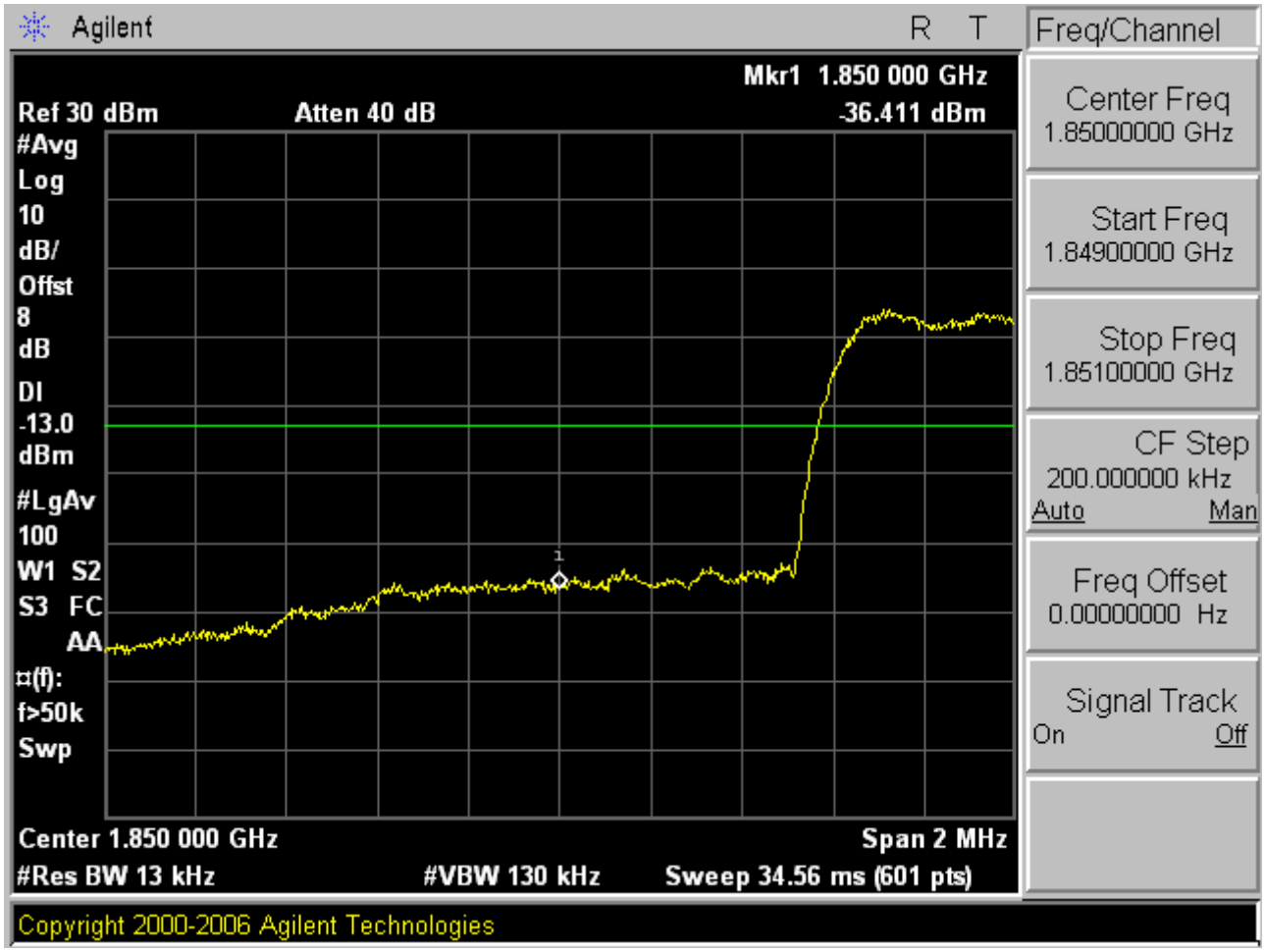
Right Edge
Channel 1175



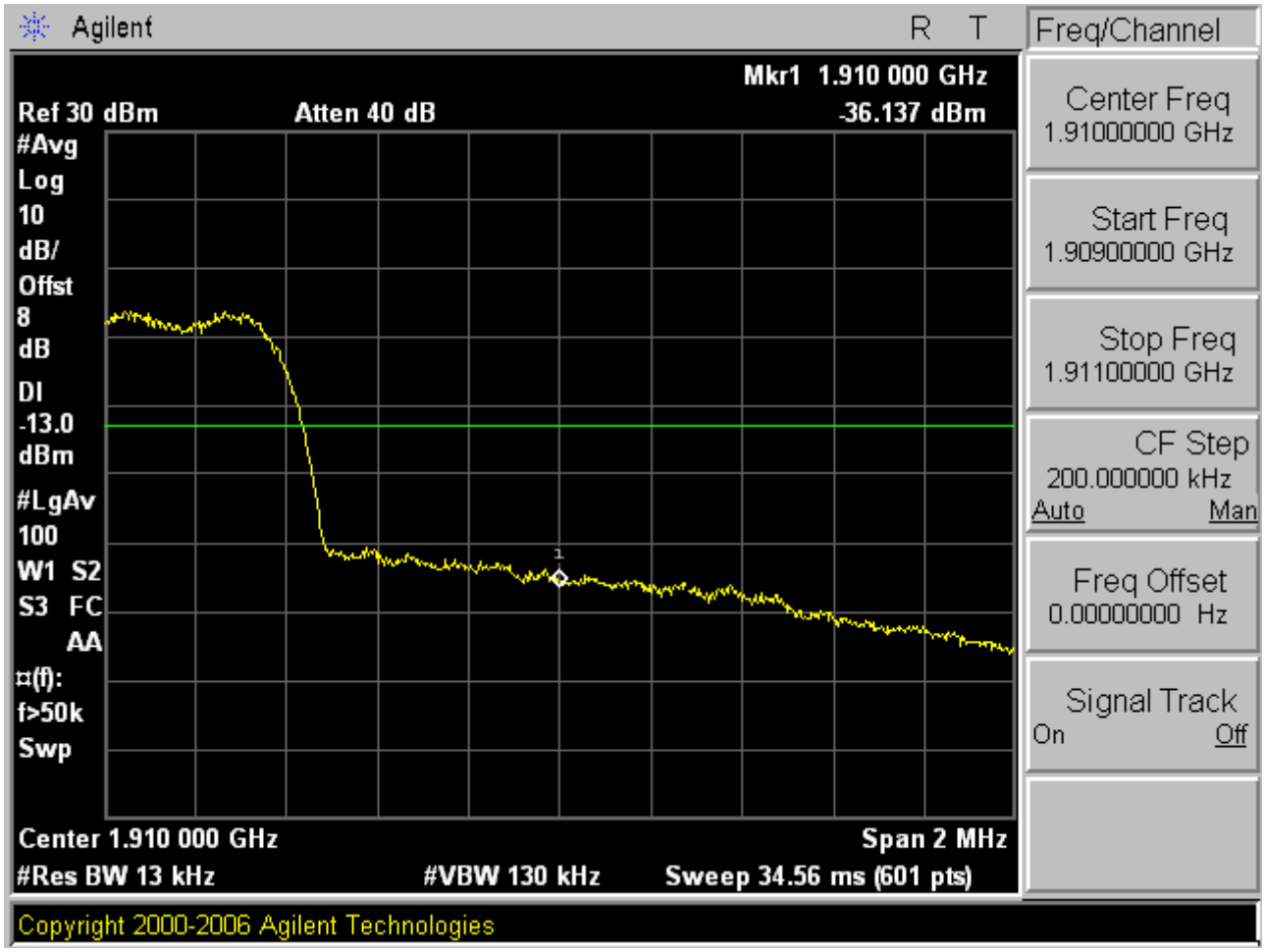
Modulation：QPSK

Left Edge (824 MHz)

Channel 25



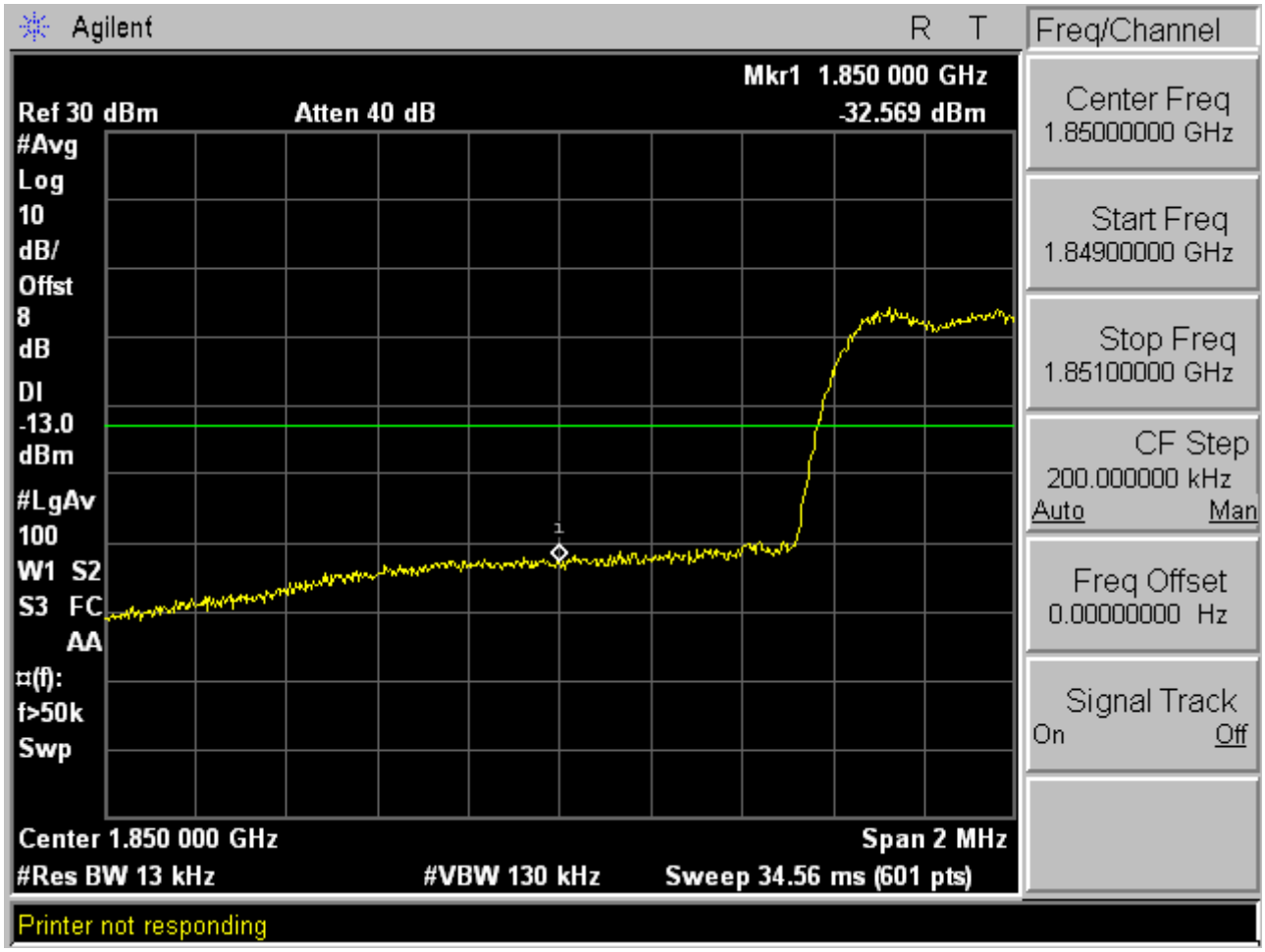
Right Edge
Channel 1175



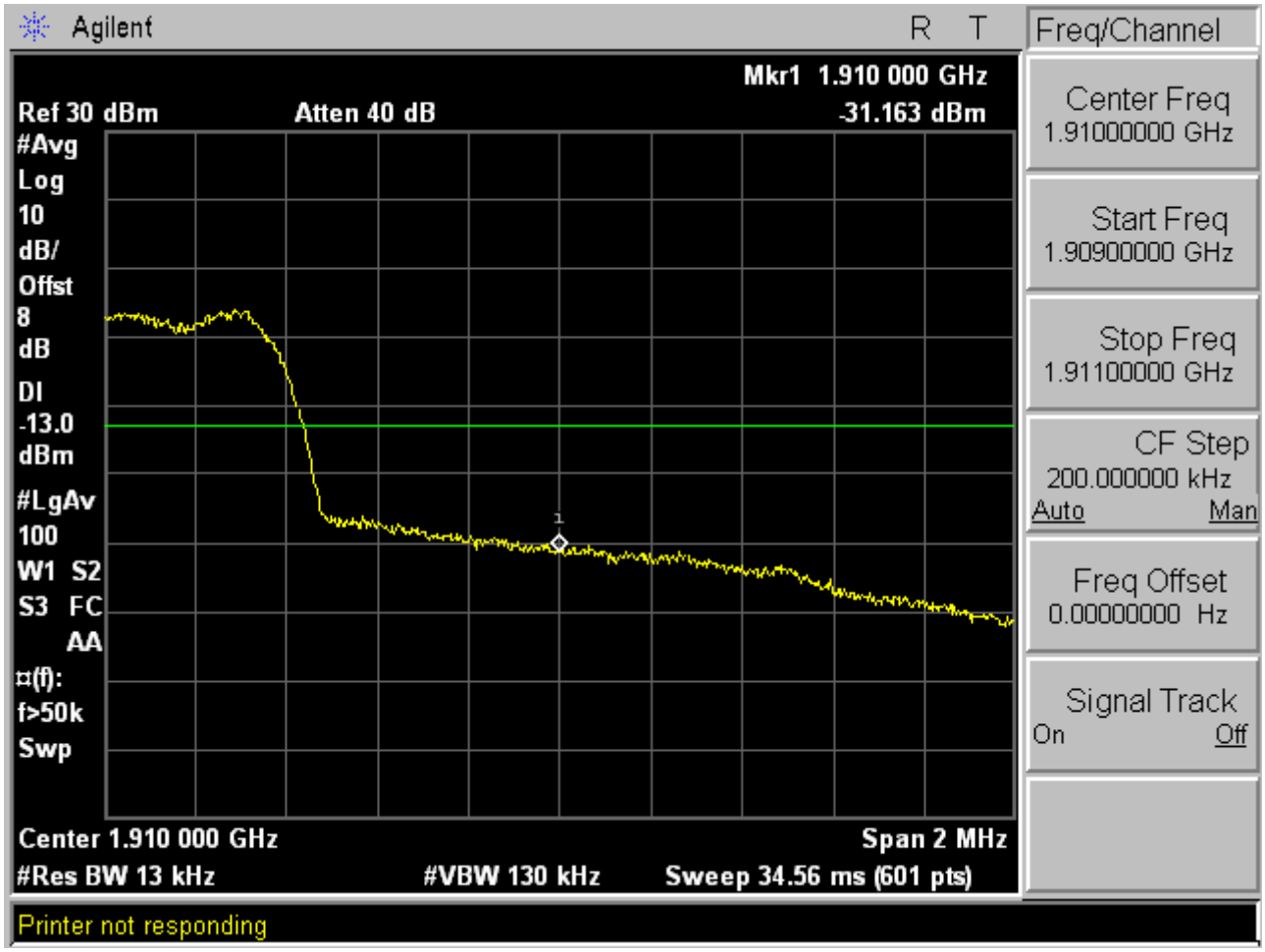
Modulation：8PSK

Left Edge

Channel 25



Right Edge
Channel 1175

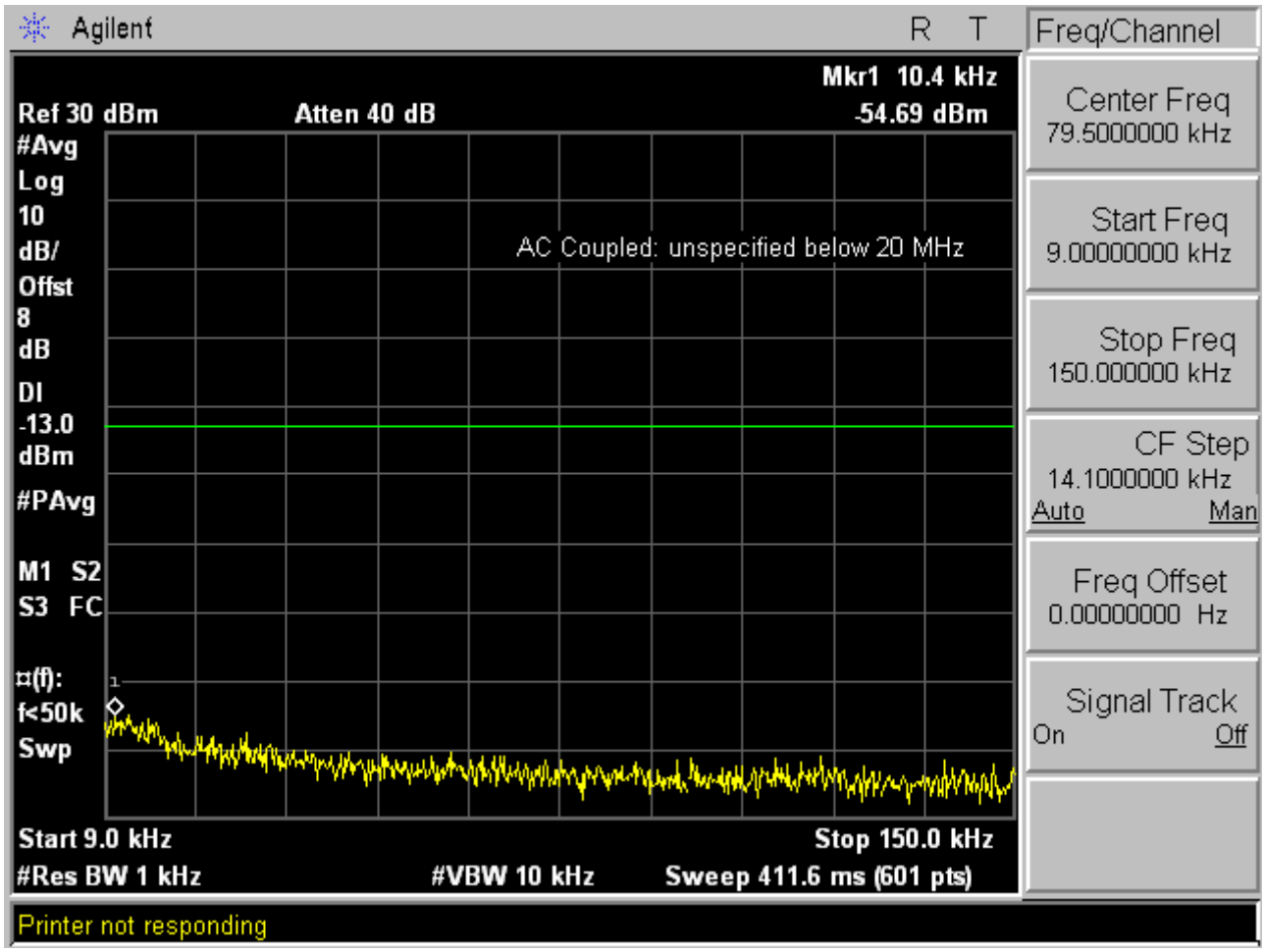

Agilent
R T
Freq/Channel
Mkr1 1.910 000 GHz
-31.163 dBm
Ref 30 dBm
Atten 40 dB
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
#LgAv
100
W1 S2
S3 FC
AA
¤(f):
f>50k
Swp
Center 1.910 000 GHz
Span 2 MHz
#Res BW 13 kHz
#VBW 130 kHz
Sweep 34.56 ms (601 pts)
Center Freq
1.91000000 GHz
Start Freq
1.90900000 GHz
Stop Freq
1.91100000 GHz
CF Step
200.000000 kHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Printer not responding

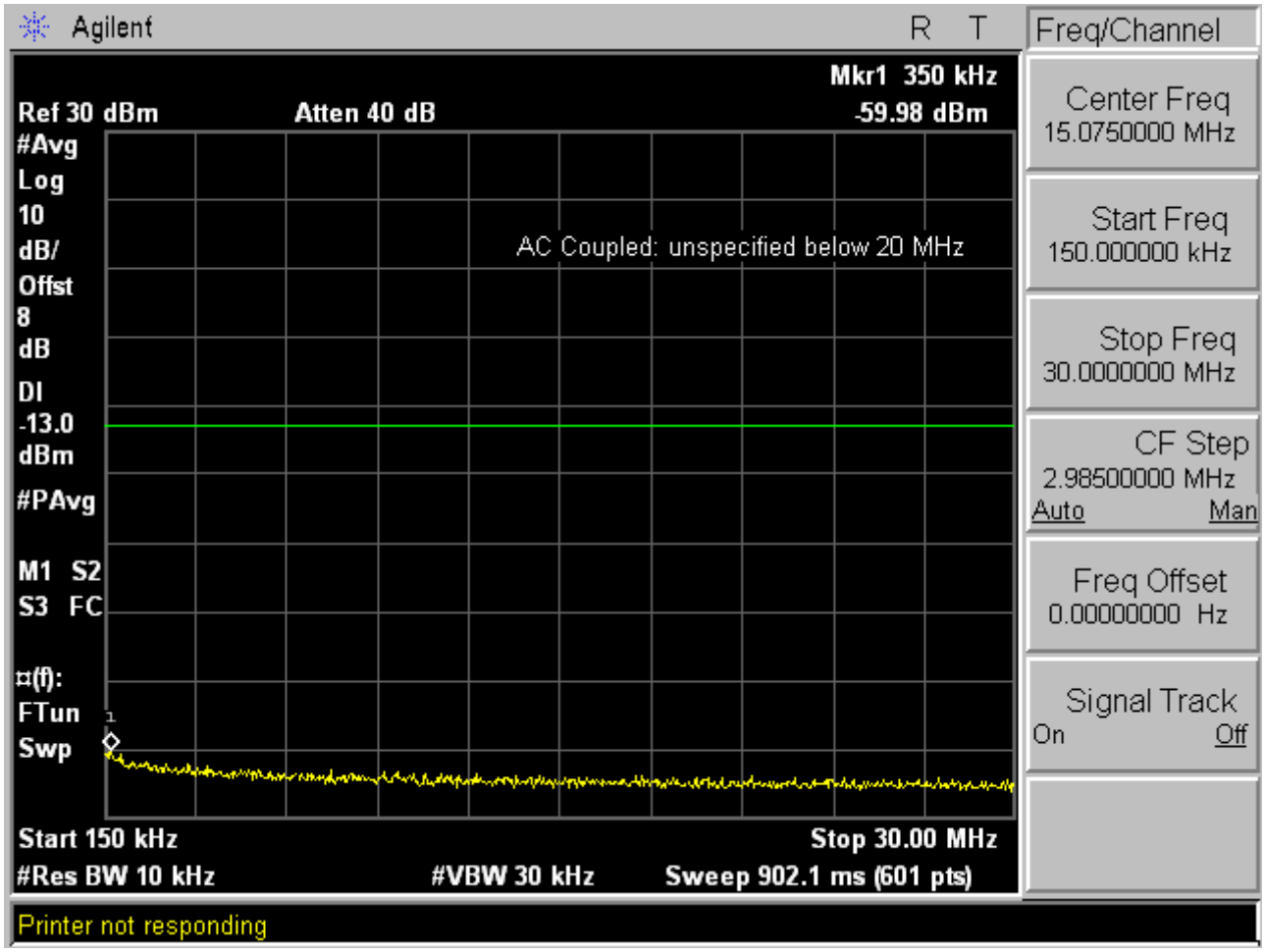
Appendix D

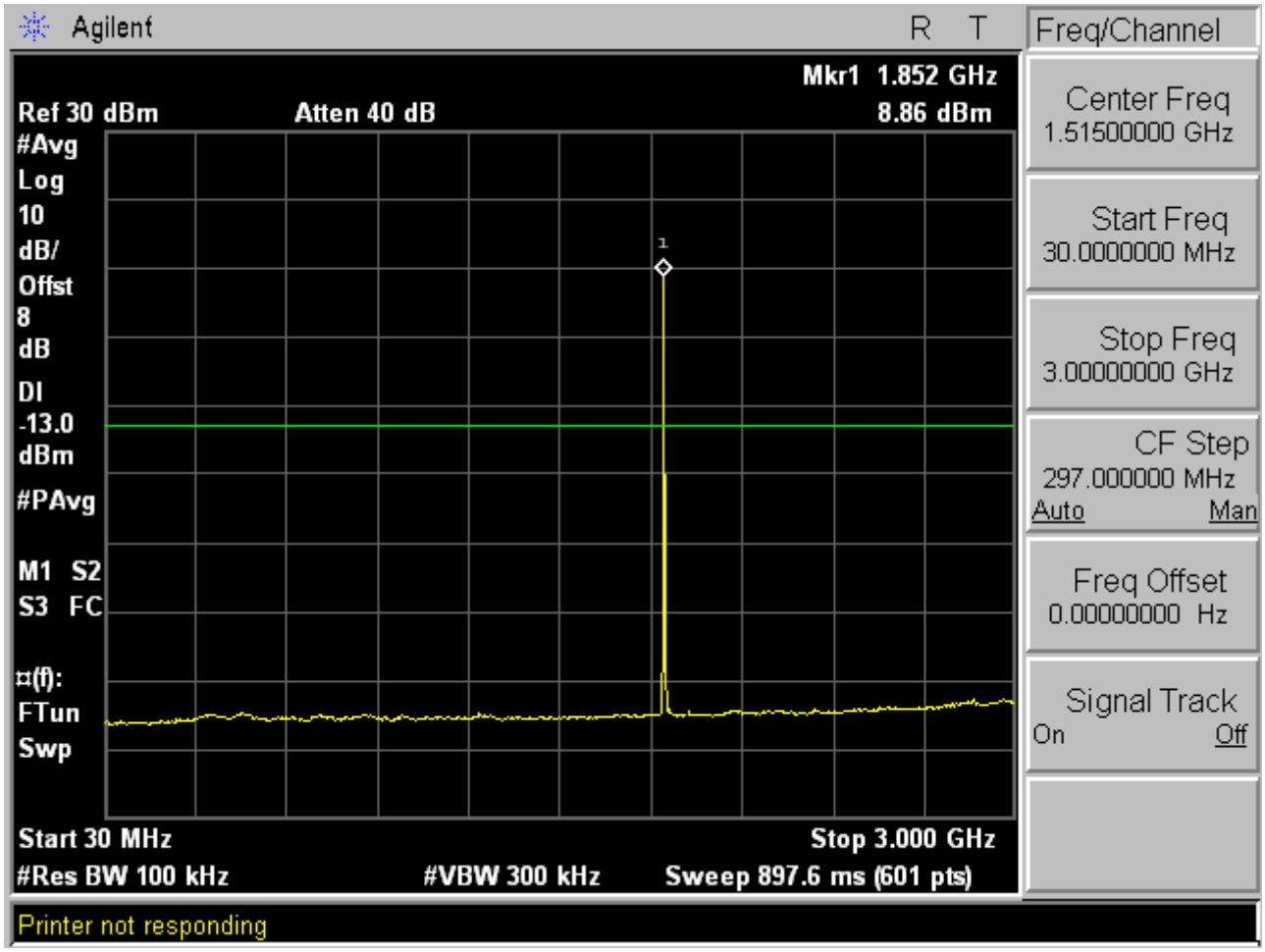
Spurious Emission at Antenna Terminal

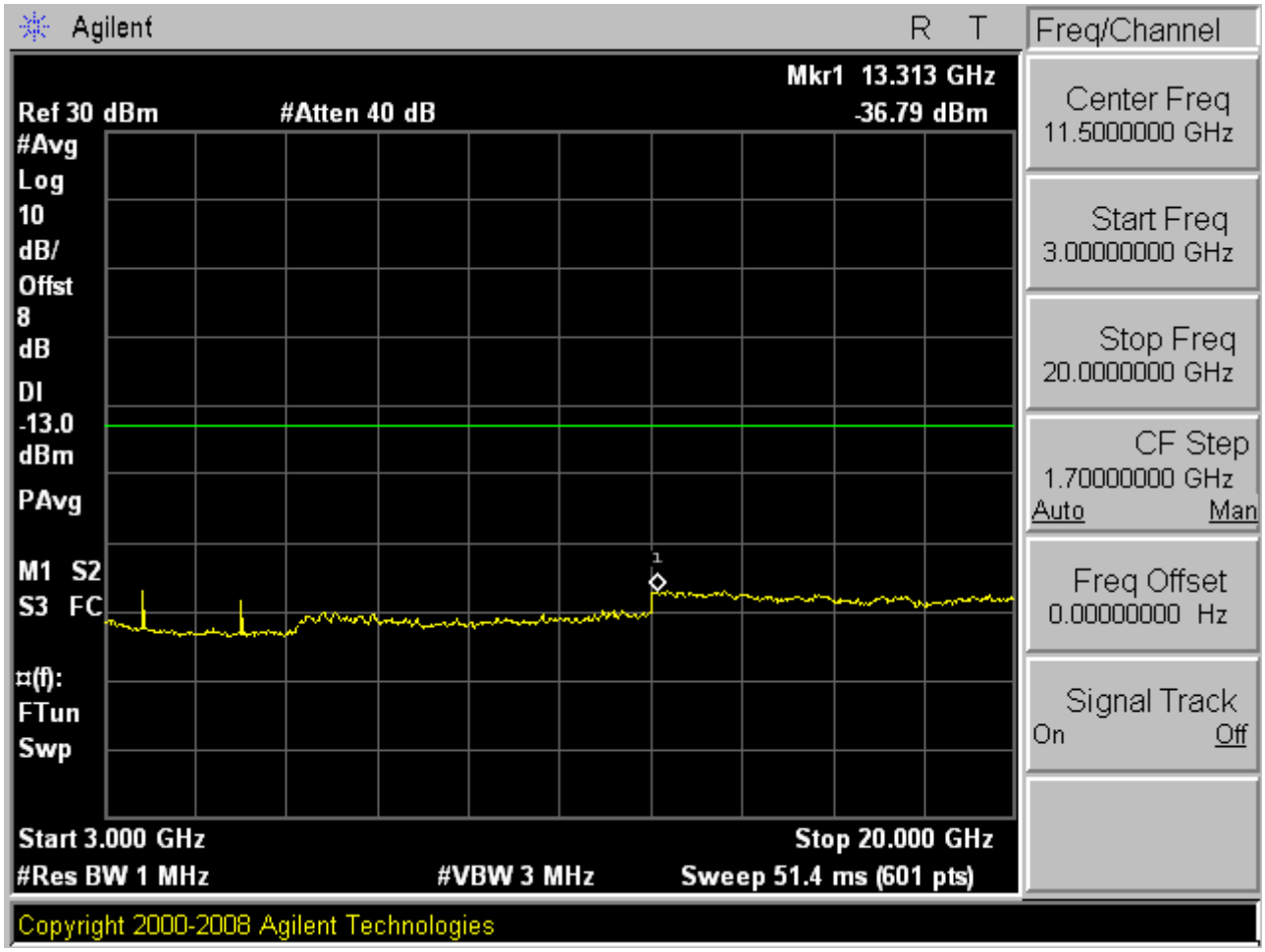
According to FCC Part 2.1051 & 24.238

Channel 25（TM1）

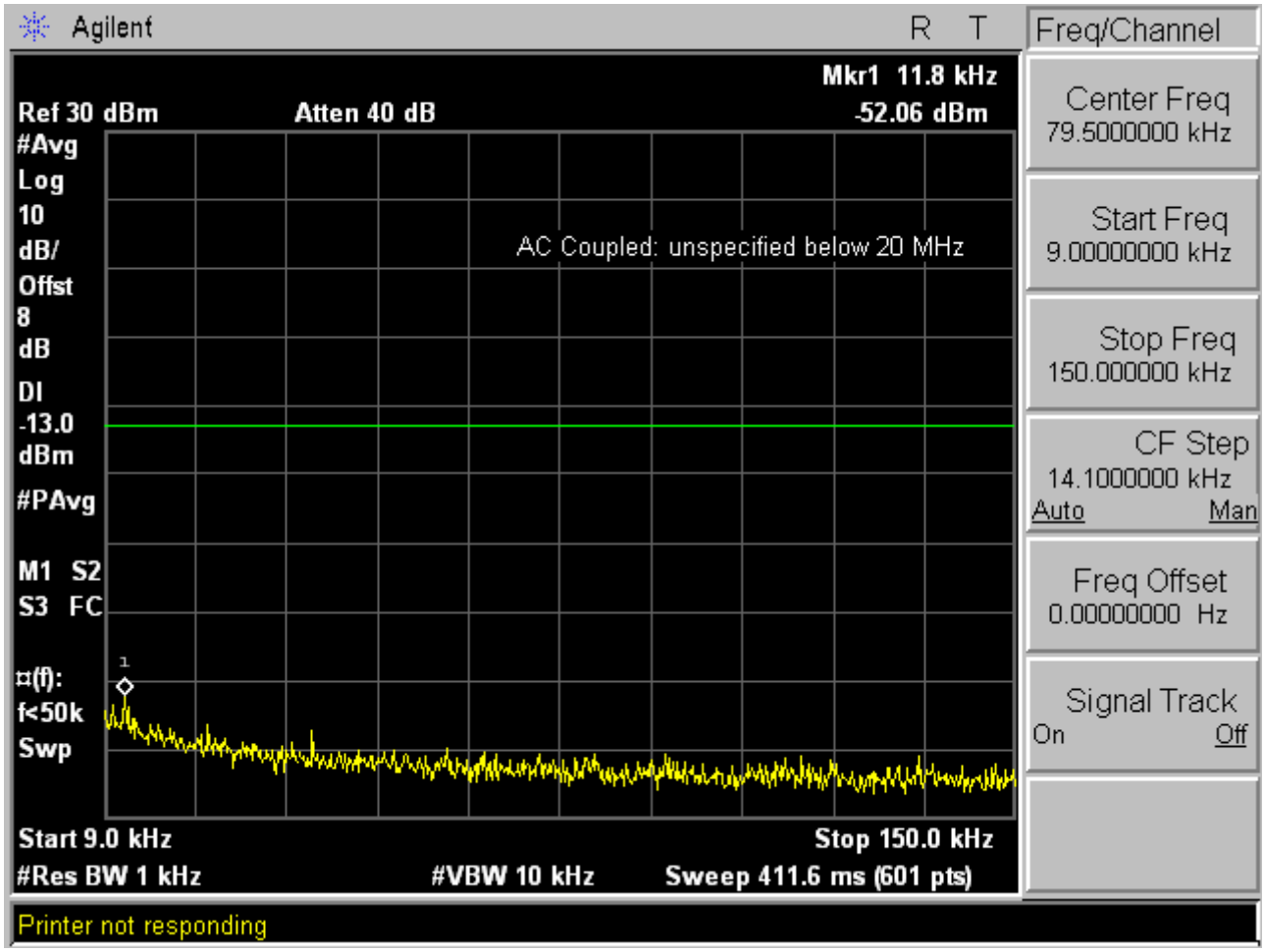

Agilent
R T
Freq/Channel
Mkr1 10.4 kHz
Ref 30 dBm
Atten 40 dB
-54.69 dBm
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
#PAvg
M1 S2
S3 FC
¤(f):
f<50k
Swp
AC Coupled: unspecified below 20 MHz
Center Freq
79.5000000 kHz
Start Freq
9.00000000 kHz
Stop Freq
150.000000 kHz
CF Step
14.1000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Start 9.0 kHz
Stop 150.0 kHz
#Res BW 1 kHz
#VBW 10 kHz
Sweep 411.6 ms (601 pts)
Printer not responding

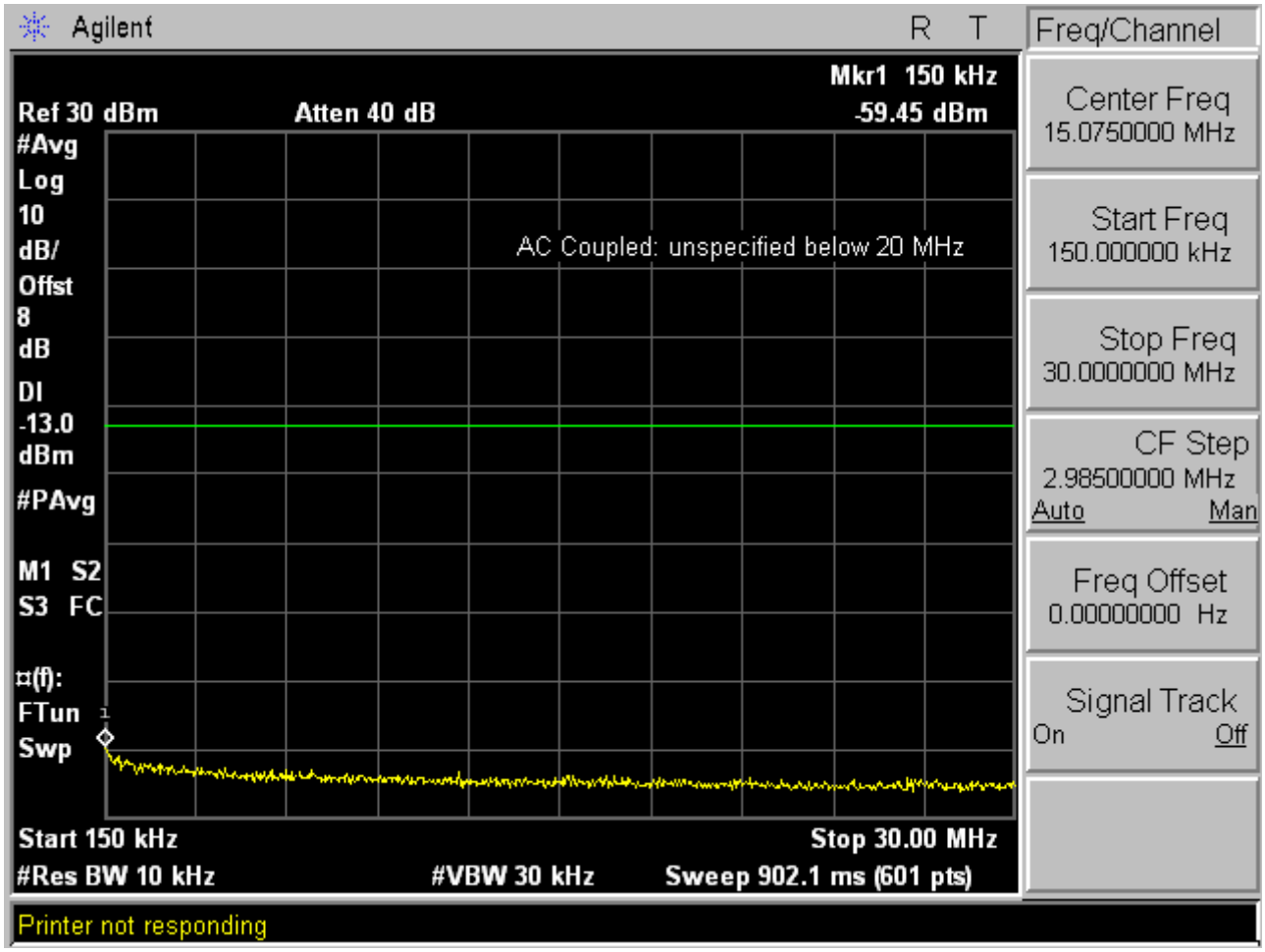

Agilent
R T
Freq/Channel
Mkr1 350 kHz
Ref 30 dBm
Atten 40 dB
-59.98 dBm
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
#PAvg
M1 S2
S3 FC
¤(f):
FTun
Swp
AC Coupled: unspecified below 20 MHz
Center Freq
15.0750000 MHz
Start Freq
150.000000 kHz
Stop Freq
30.0000000 MHz
CF Step
2.98500000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Start 150 kHz
Stop 30.00 MHz
#Res BW 10 kHz
#VBW 30 kHz
Sweep 902.1 ms (601 pts)
Printer not responding

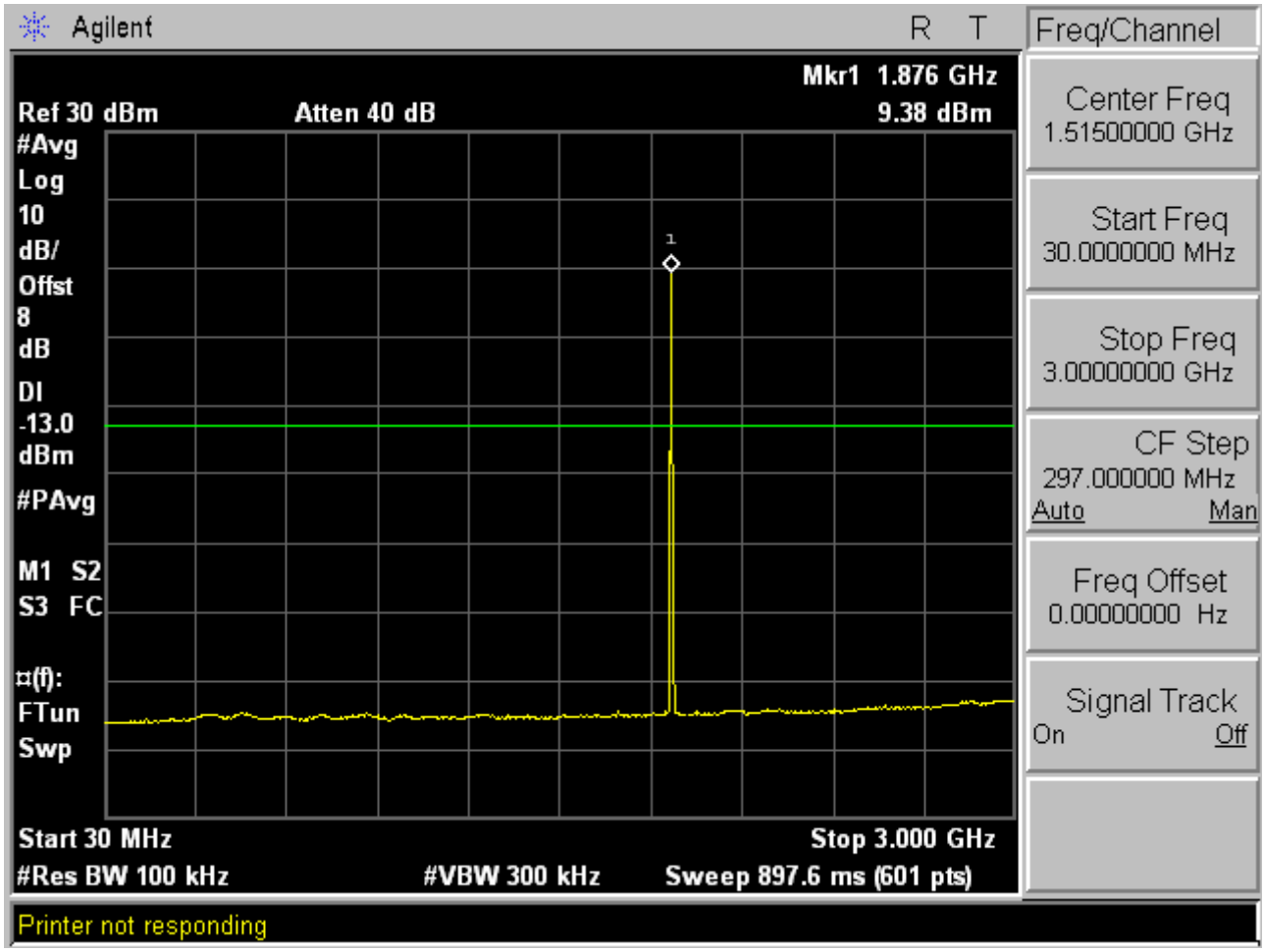

Agilent
R T
Freq/Channel
Mkr1 1.852 GHz
8.86 dBm
Ref 30 dBm
Atten 40 dB
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
#PAvg
M1 S2
S3 FC
¤(f):
FTun
Swp
Center Freq
1.51500000 GHz
Start Freq
30.0000000 MHz
Stop Freq
3.00000000 GHz
CF Step
297.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Start 30 MHz
Stop 3.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 897.6 ms (601 pts)
Printer not responding

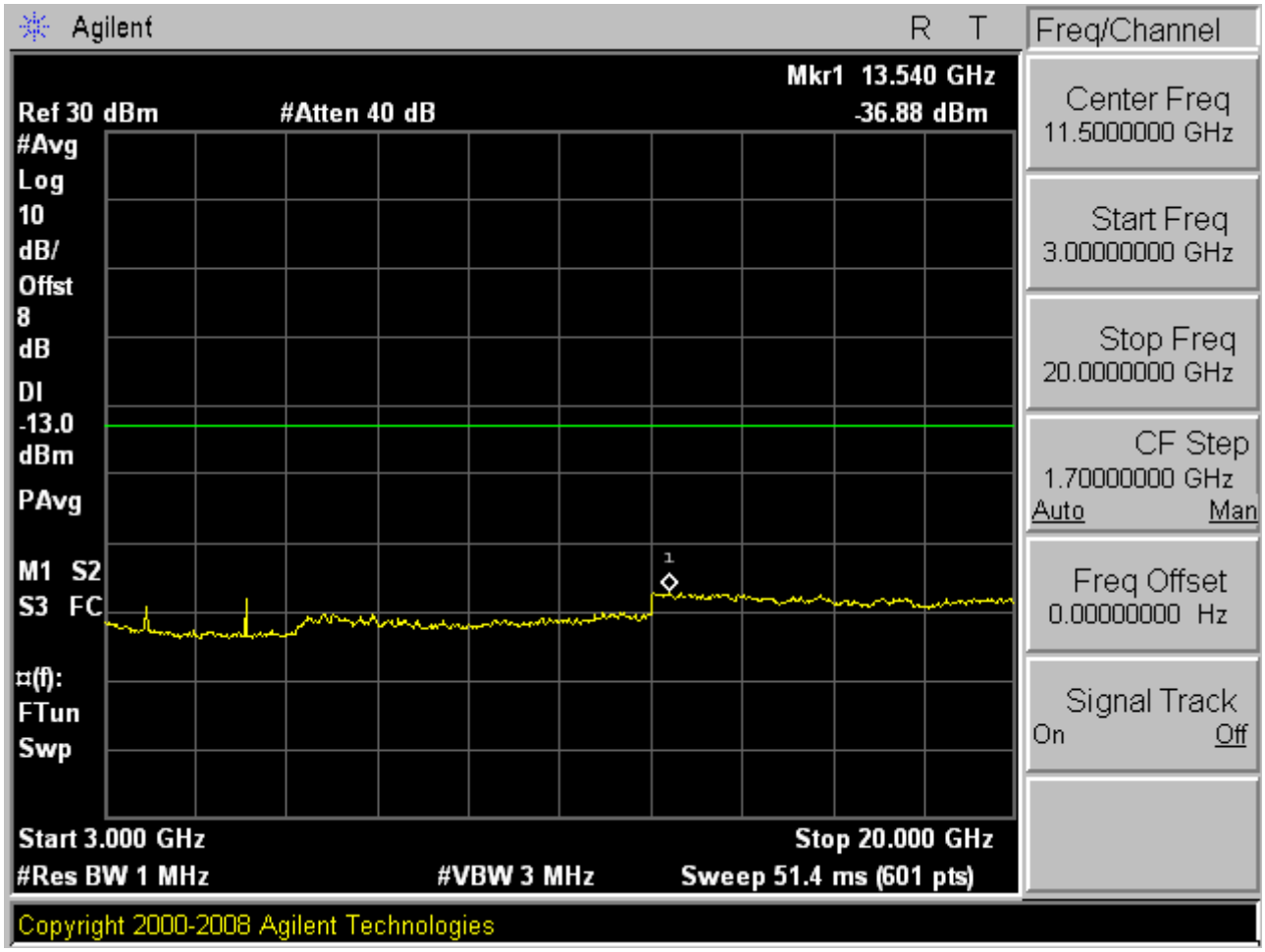


Channel 525（TM1）

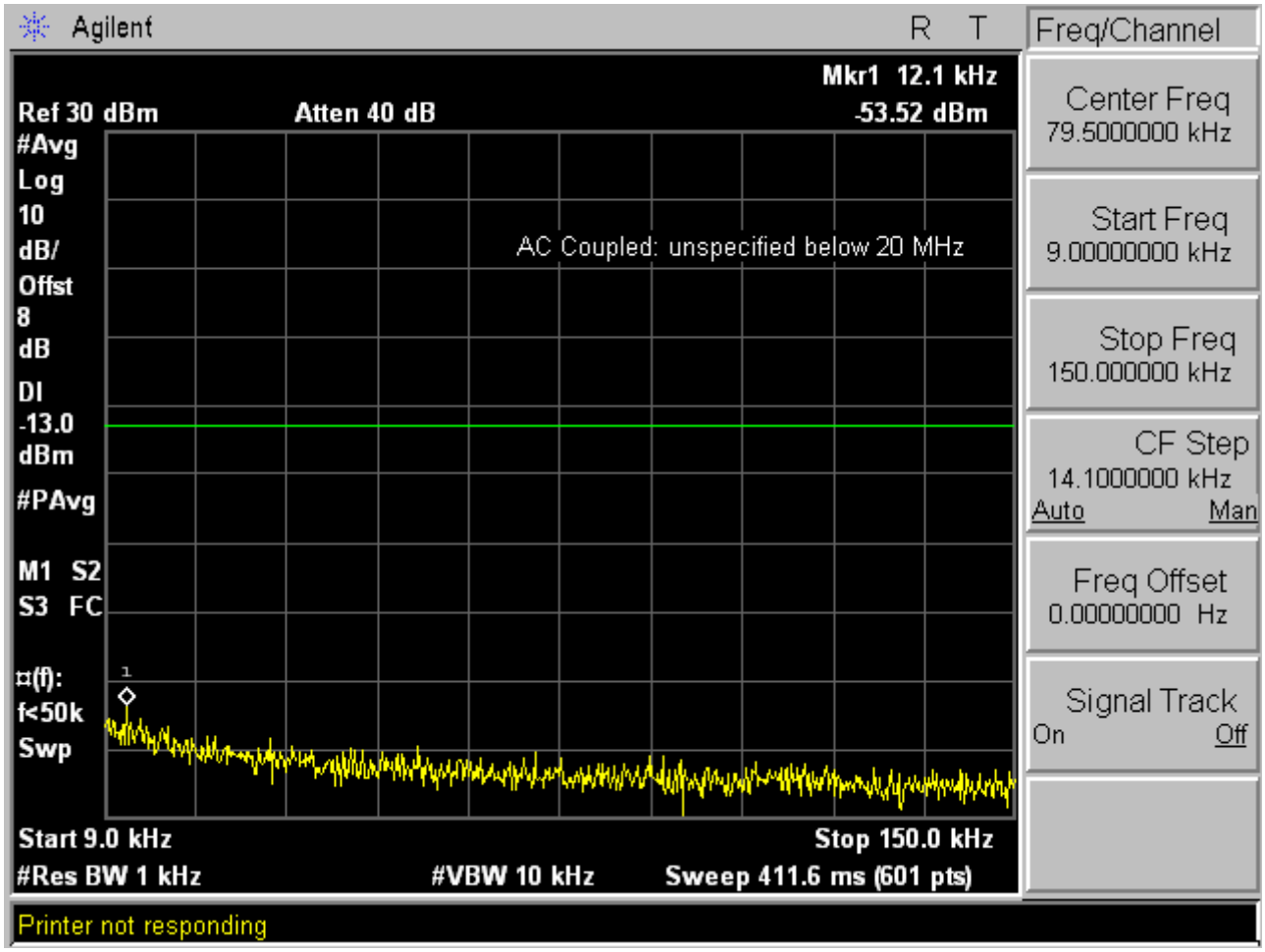

Agilent
R T
Freq/Channel
Mkr1 11.8 kHz
Ref 30 dBm
Atten 40 dB
-52.06 dBm
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
#PAvg
M1 S2
S3 FC
¤(f):
f<50k
Swp
AC Coupled: unspecified below 20 MHz
Center Freq
79.5000000 kHz
Start Freq
9.00000000 kHz
Stop Freq
150.000000 kHz
CF Step
14.1000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Start 9.0 kHz
Stop 150.0 kHz
#Res BW 1 kHz
#VBW 10 kHz
Sweep 411.6 ms (601 pts)
Printer not responding

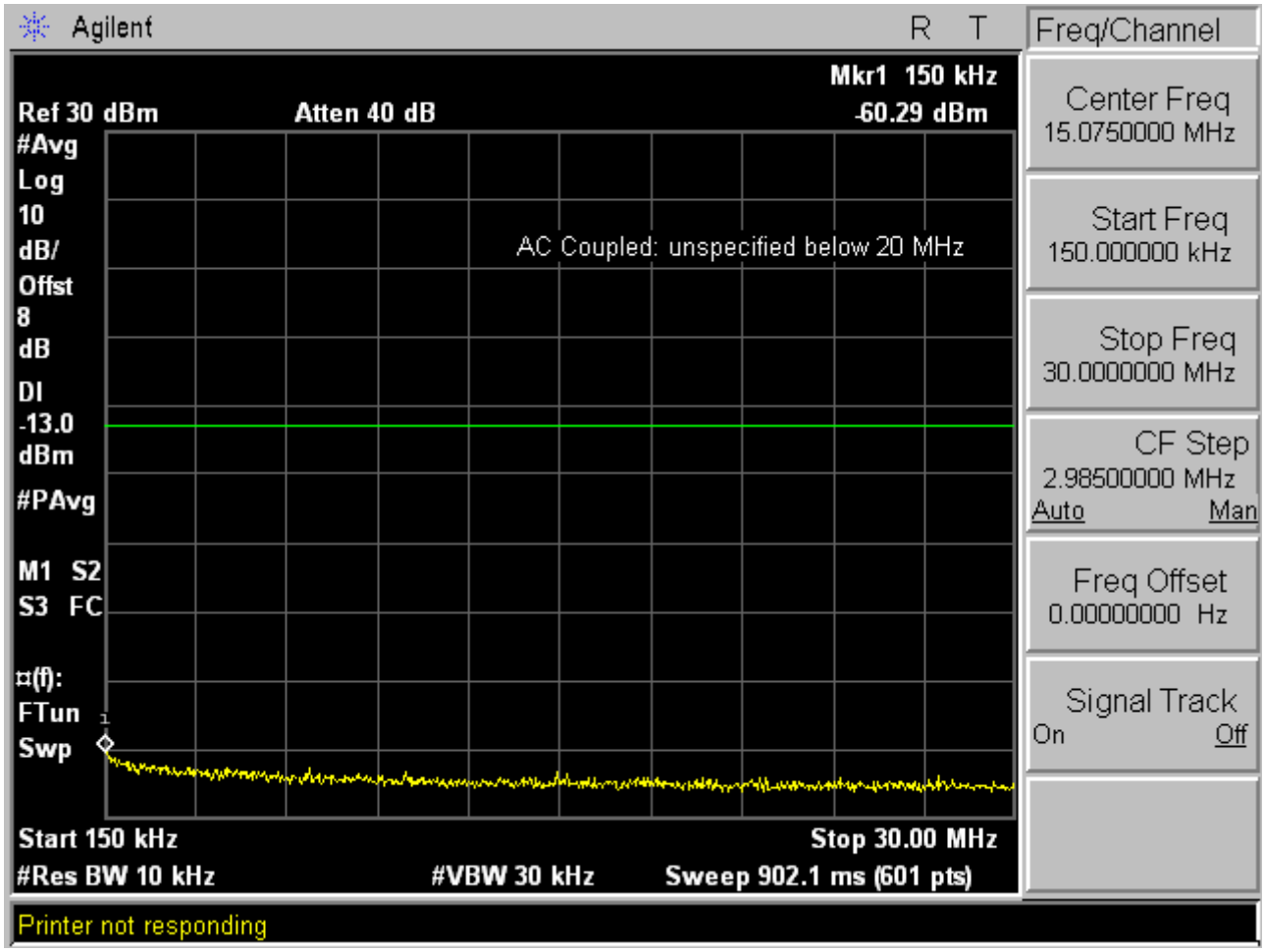

Agilent
R T
Freq/Channel
Mkr1 150 kHz
Ref 30 dBm
Atten 40 dB
-59.45 dBm
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
#PAvg
M1 S2
S3 FC
¤(f):
FTun
Swp
AC Coupled: unspecified below 20 MHz
Center Freq
15.0750000 MHz
Start Freq
150.000000 kHz
Stop Freq
30.0000000 MHz
CF Step
2.98500000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Start 150 kHz
Stop 30.00 MHz
#Res BW 10 kHz
#VBW 30 kHz
Sweep 902.1 ms (601 pts)
Printer not responding

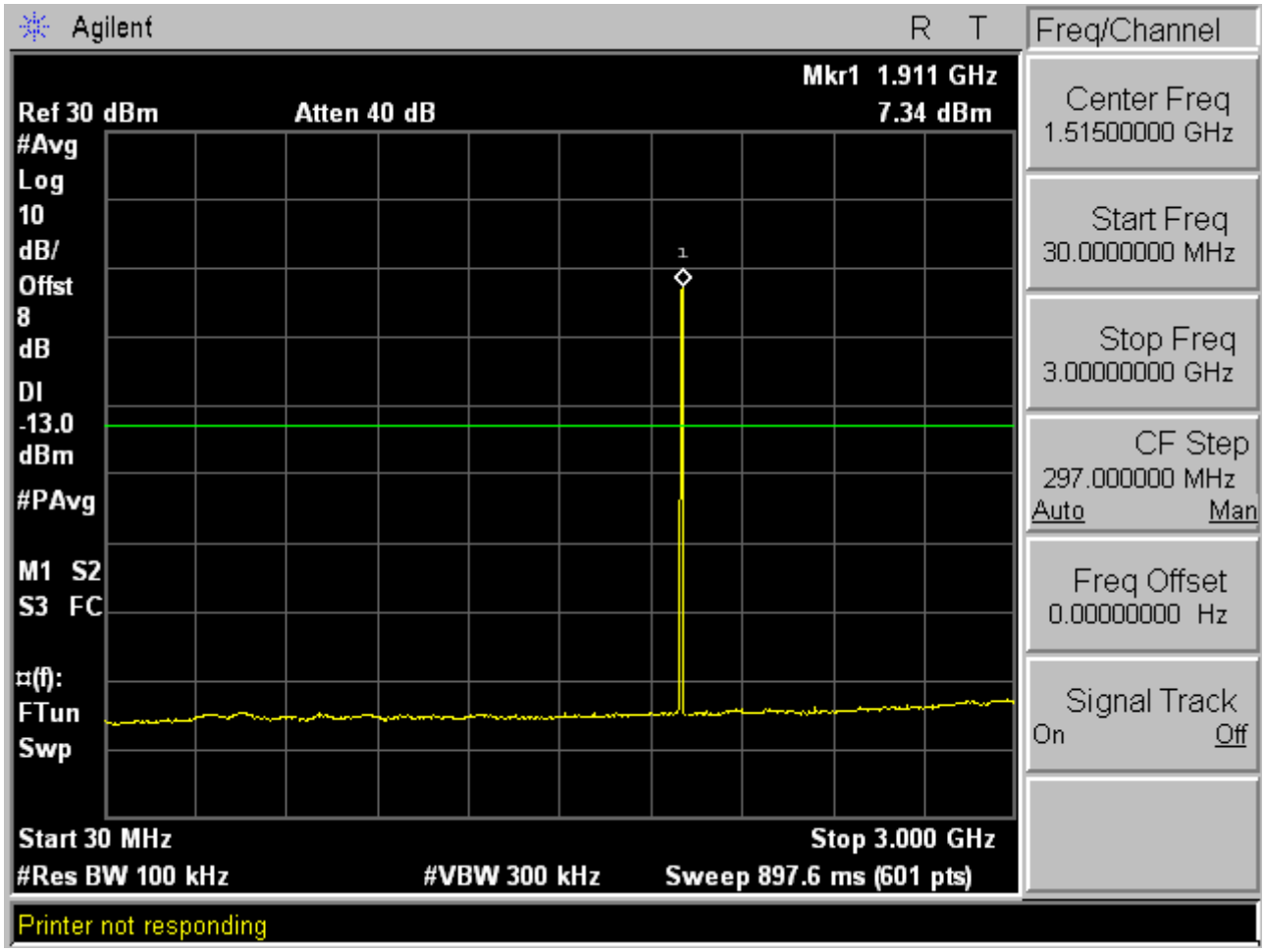

Agilent
R T
Freq/Channel
Mkr1 1.876 GHz
9.38 dBm
Ref 30 dBm
Atten 40 dB
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
#PAvg
M1 S2
S3 FC
¤(f):
FTun
Swp
Center Freq
1.51500000 GHz
Start Freq
30.0000000 MHz
Stop Freq
3.00000000 GHz
CF Step
297.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Start 30 MHz
Stop 3.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 897.6 ms (601 pts)
Printer not responding

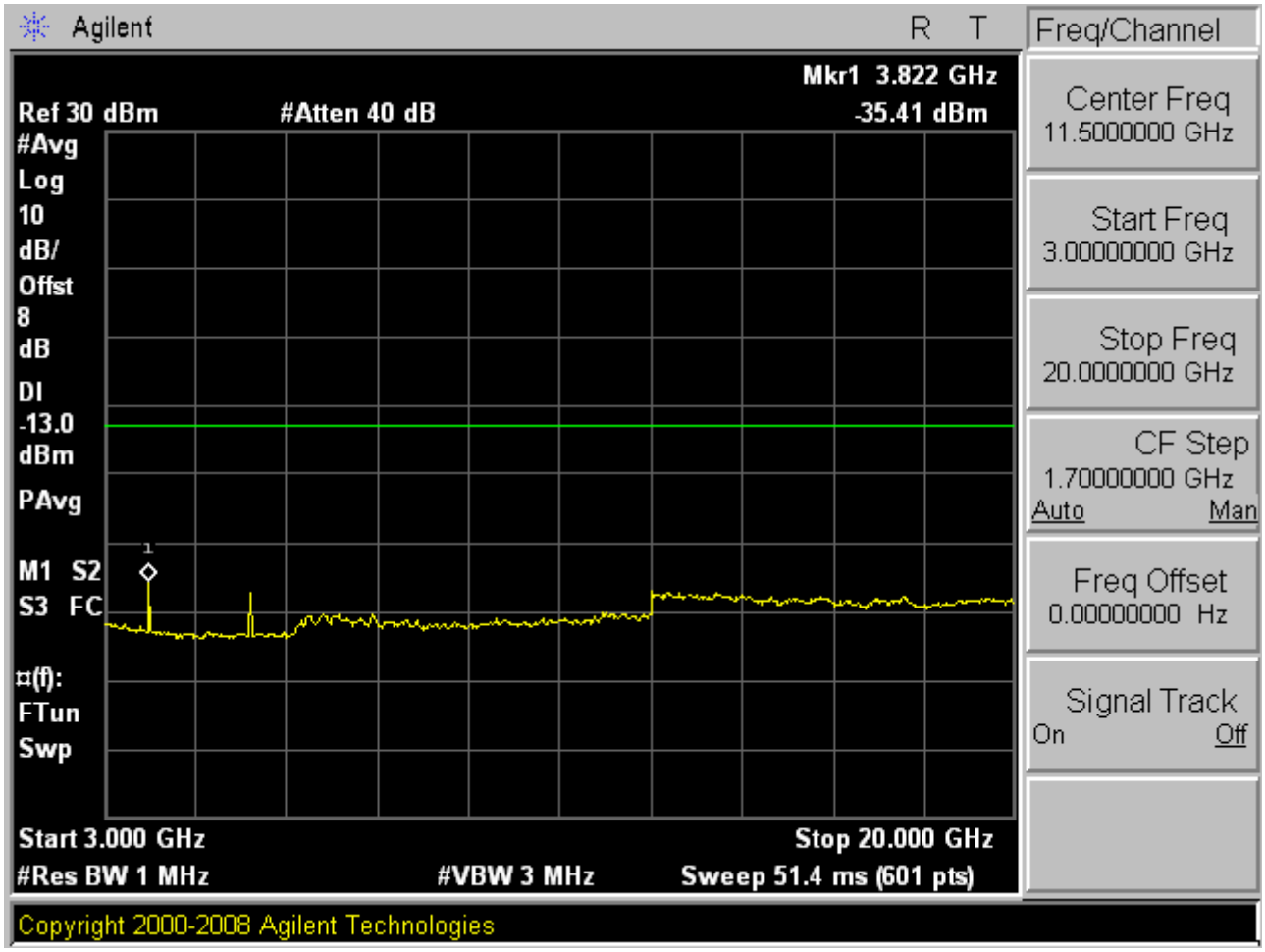


Channel 1175（TM1）

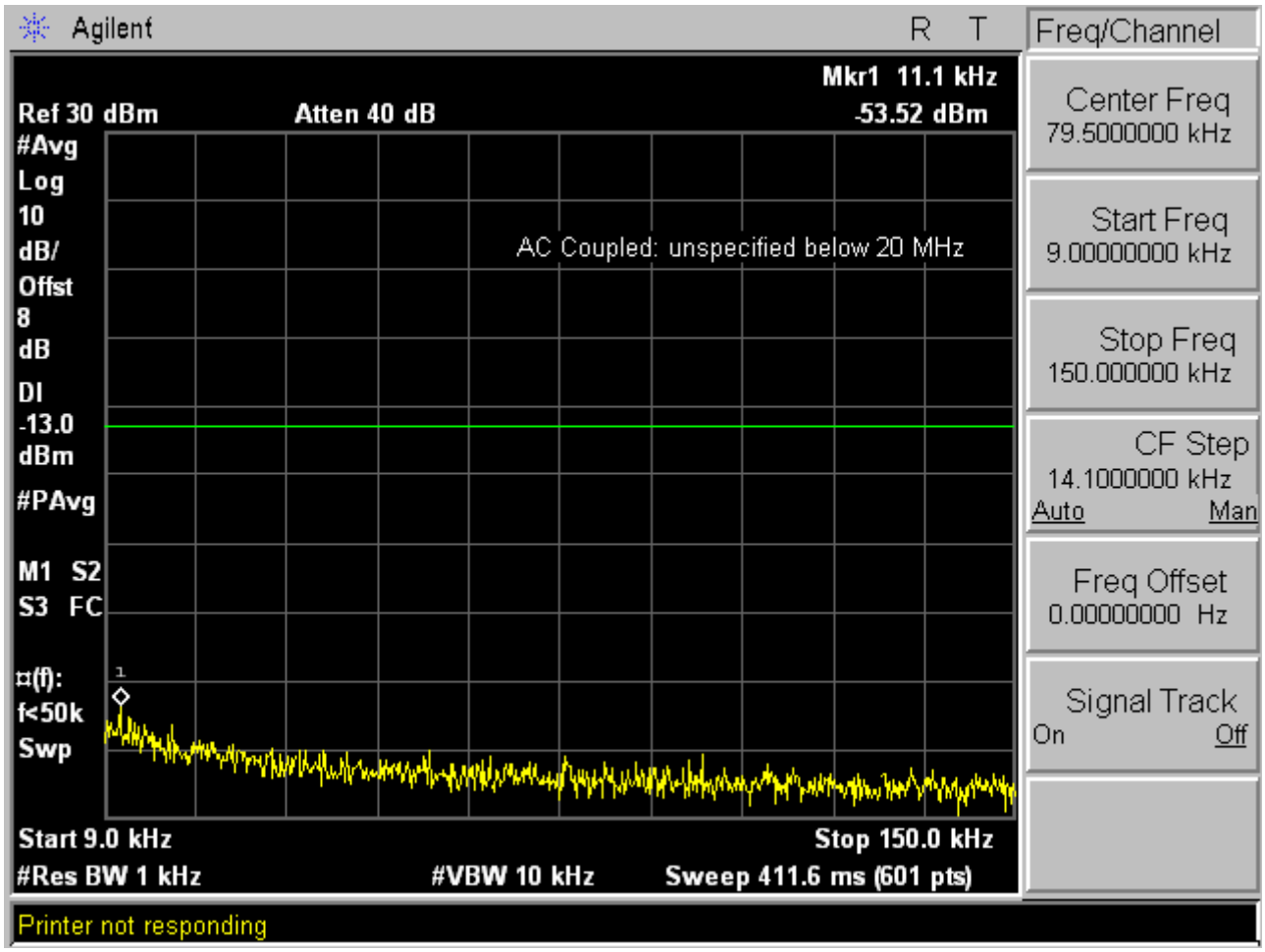

Agilent
R T
Freq/Channel
Mkr1 12.1 kHz
Ref 30 dBm
Atten 40 dB
-53.52 dBm
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
#PAvg
M1 S2
S3 FC
¤(f):
f<50k
Swp
AC Coupled: unspecified below 20 MHz
Start 9.0 kHz
Stop 150.0 kHz
#Res BW 1 kHz
#VBW 10 kHz
Sweep 411.6 ms (601 pts)
Printer not responding
Center Freq
79.5000000 kHz
Start Freq
9.00000000 kHz
Stop Freq
150.000000 kHz
CF Step
14.1000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off

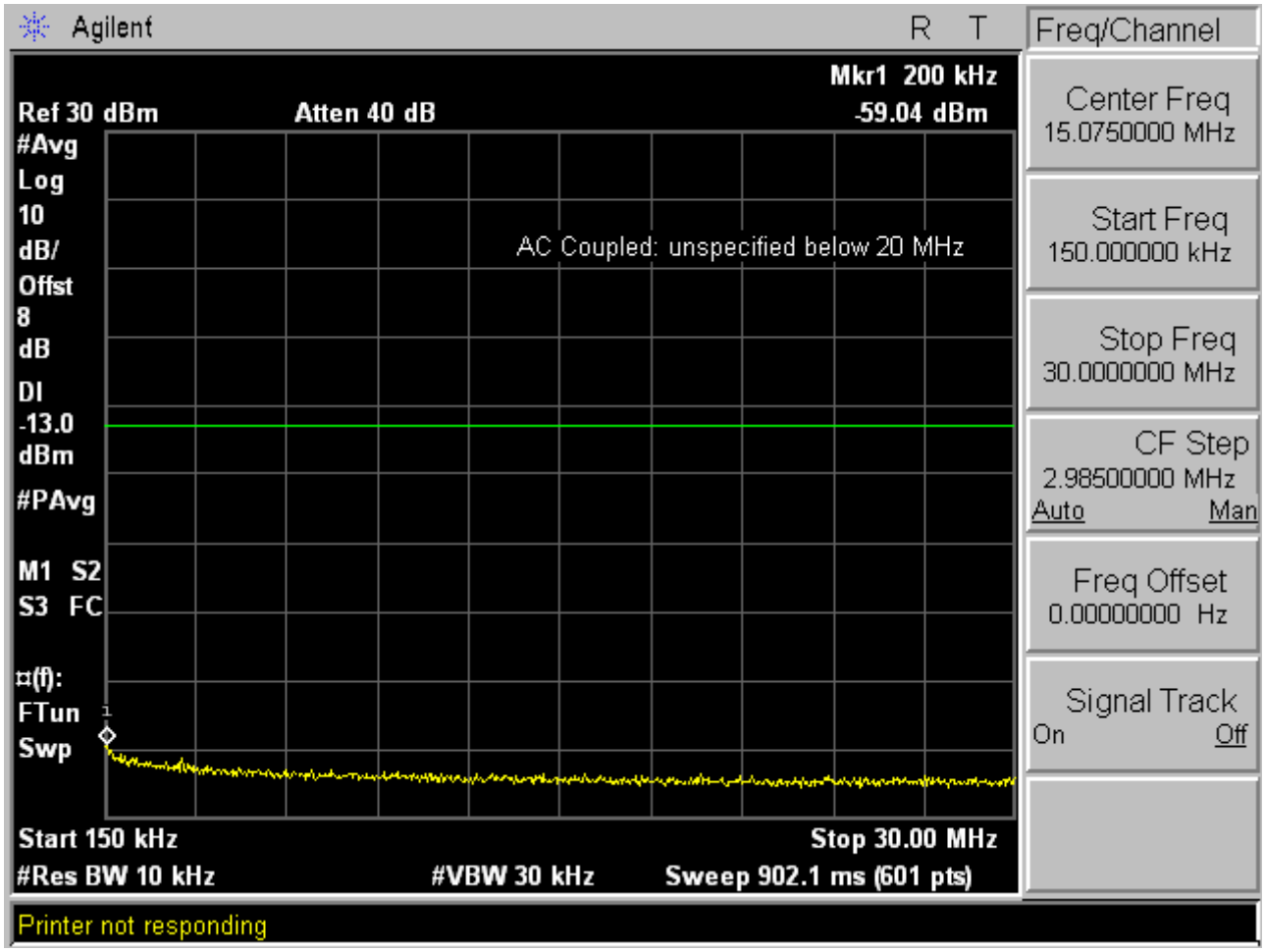

Agilent
R T
Freq/Channel
Mkr1 150 kHz
Ref 30 dBm
Atten 40 dB
-60.29 dBm
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
#PAvg
M1 S2
S3 FC
¤(f):
FTun
Swp
AC Coupled: unspecified below 20 MHz
Center Freq
15.0750000 MHz
Start Freq
150.000000 kHz
Stop Freq
30.0000000 MHz
CF Step
2.98500000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Start 150 kHz
Stop 30.00 MHz
#Res BW 10 kHz
#VBW 30 kHz
Sweep 902.1 ms (601 pts)
Printer not responding

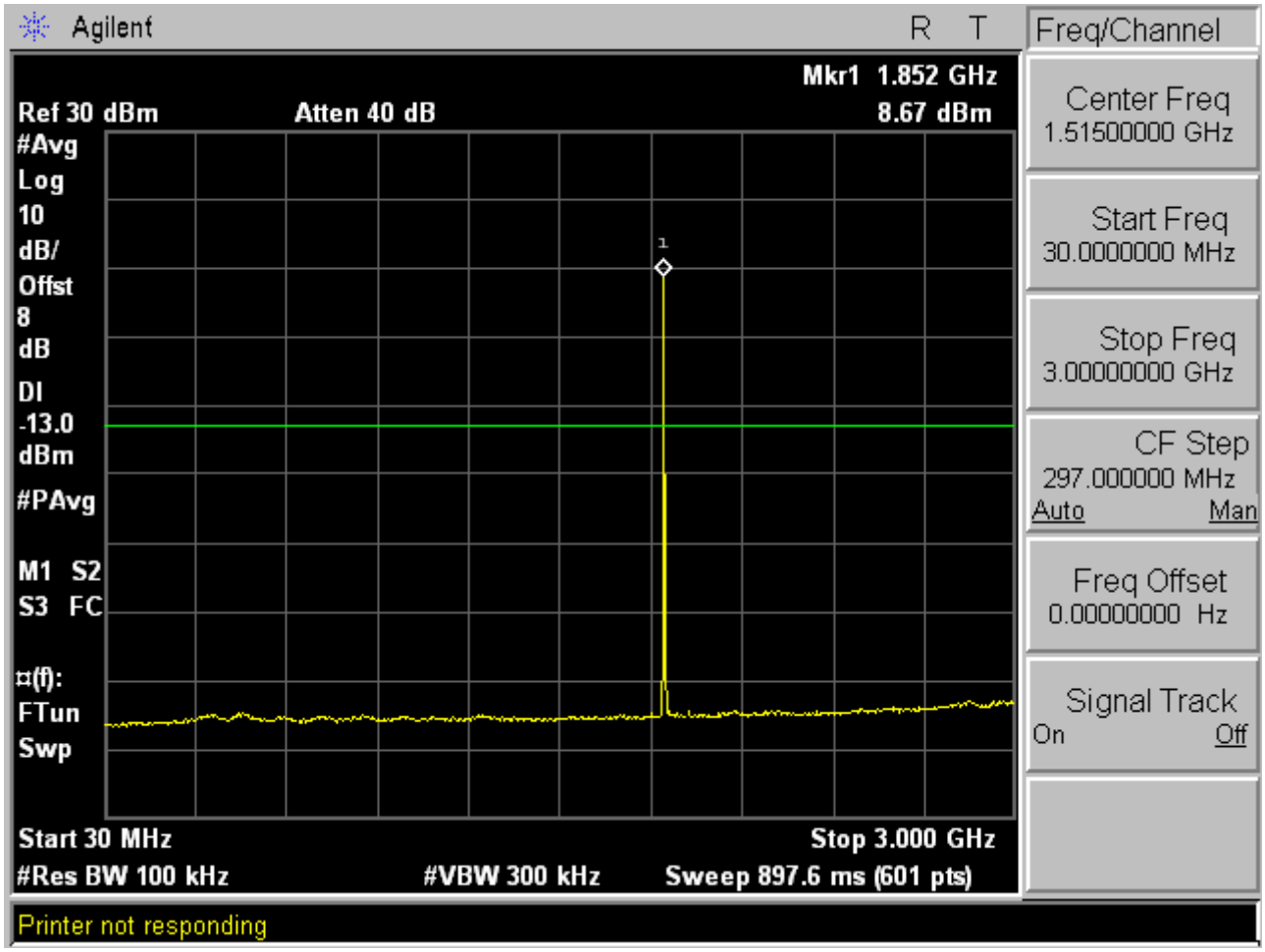

Agilent
R T
Freq/Channel
Mkr1 1.911 GHz
7.34 dBm
Ref 30 dBm
Atten 40 dB
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
#PAvg
M1 S2
S3 FC
¤(f):
FTun
Swp
Center Freq
1.51500000 GHz
Start Freq
30.0000000 MHz
Stop Freq
3.00000000 GHz
CF Step
297.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Start 30 MHz
Stop 3.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 897.6 ms (601 pts)
Printer not responding

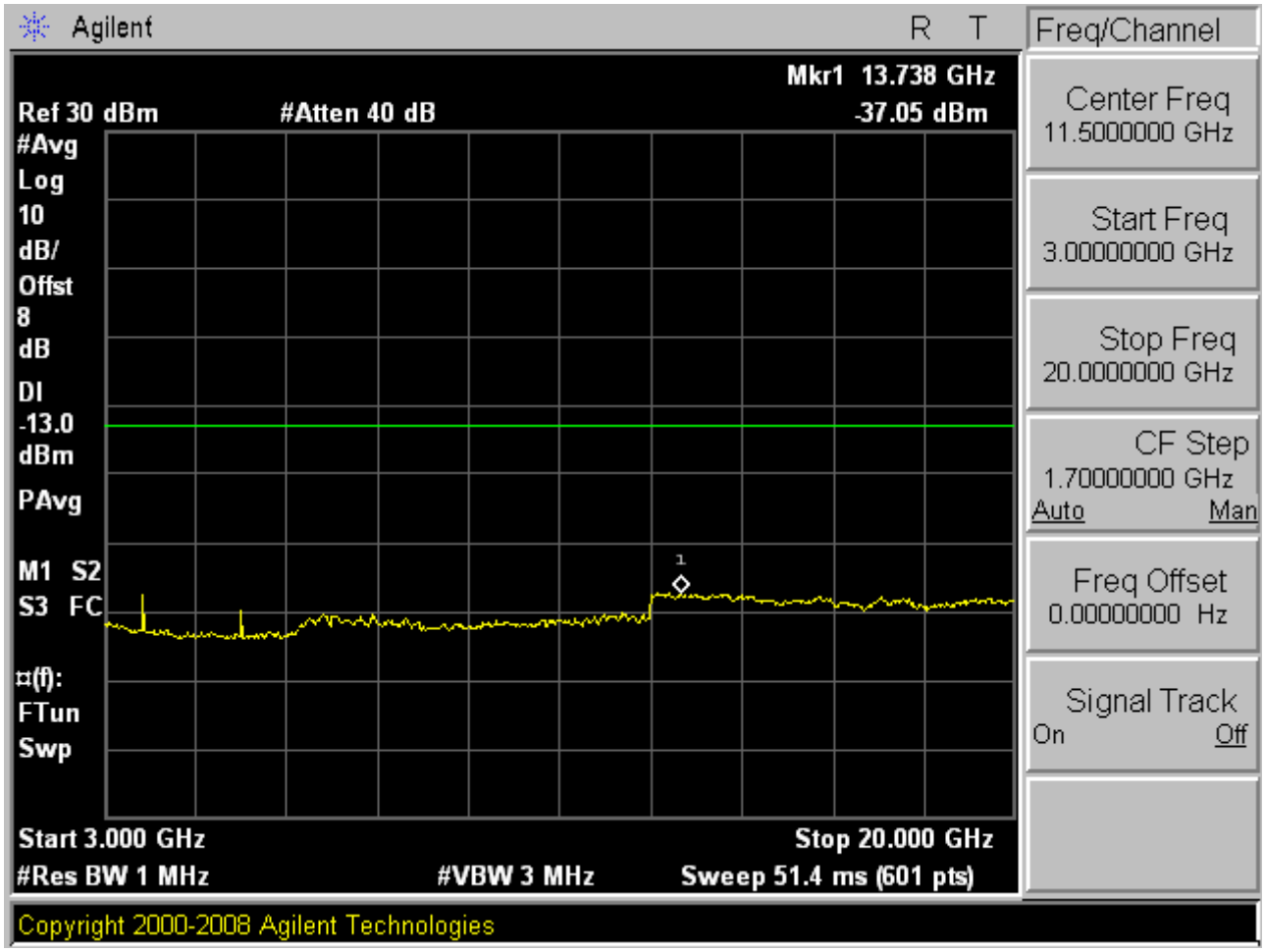


Channel 25（TM3）

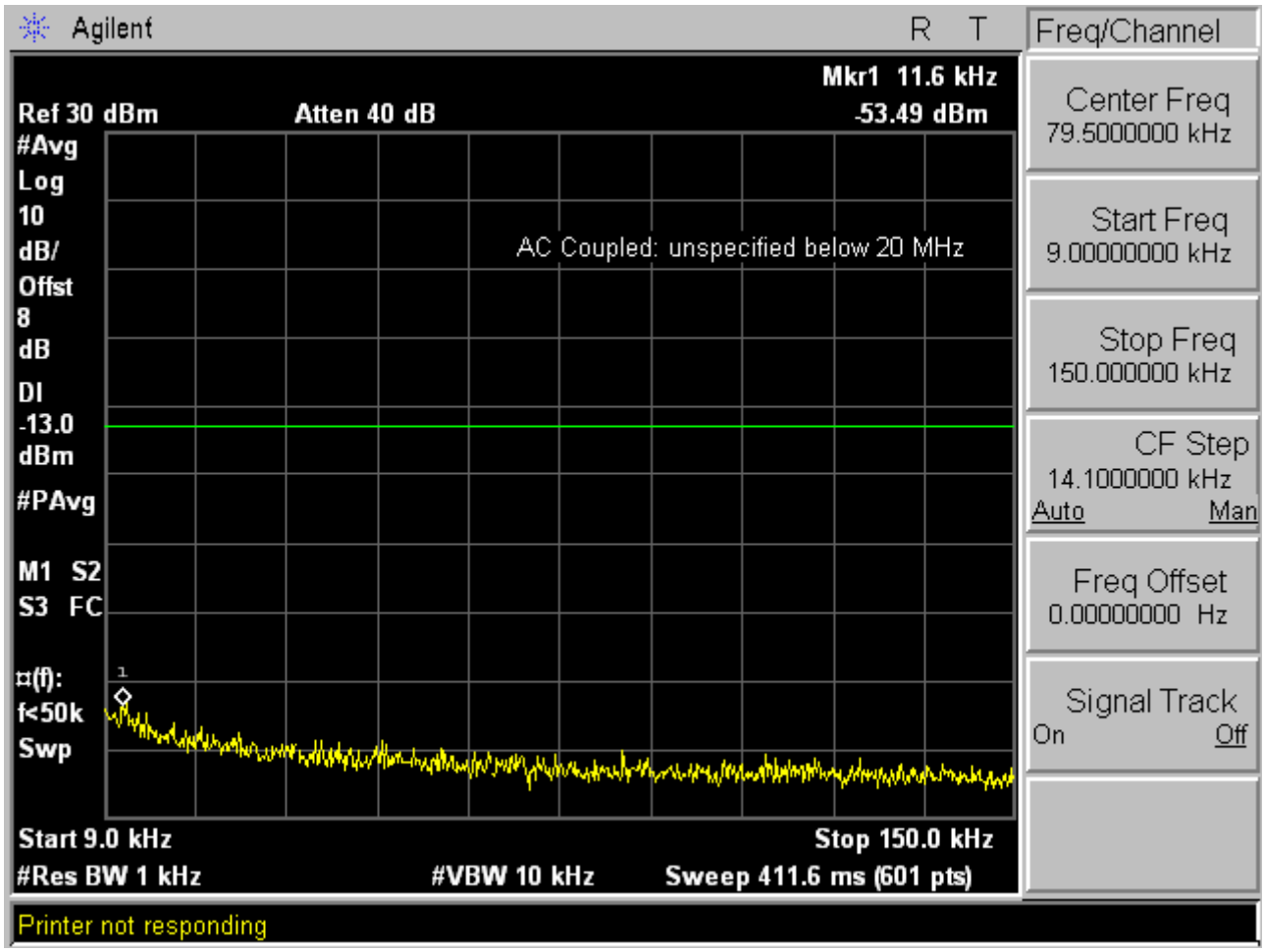

Agilent
R T
Freq/Channel
Mkr1 11.1 kHz
Ref 30 dBm
Atten 40 dB
-53.52 dBm
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
#PAvg
M1 S2
S3 FC
¤(f):
f<50k
Swp
AC Coupled: unspecified below 20 MHz
Center Freq
79.5000000 kHz
Start Freq
9.00000000 kHz
Stop Freq
150.000000 kHz
CF Step
14.1000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Start 9.0 kHz
Stop 150.0 kHz
#Res BW 1 kHz
#VBW 10 kHz
Sweep 411.6 ms (601 pts)
Printer not responding

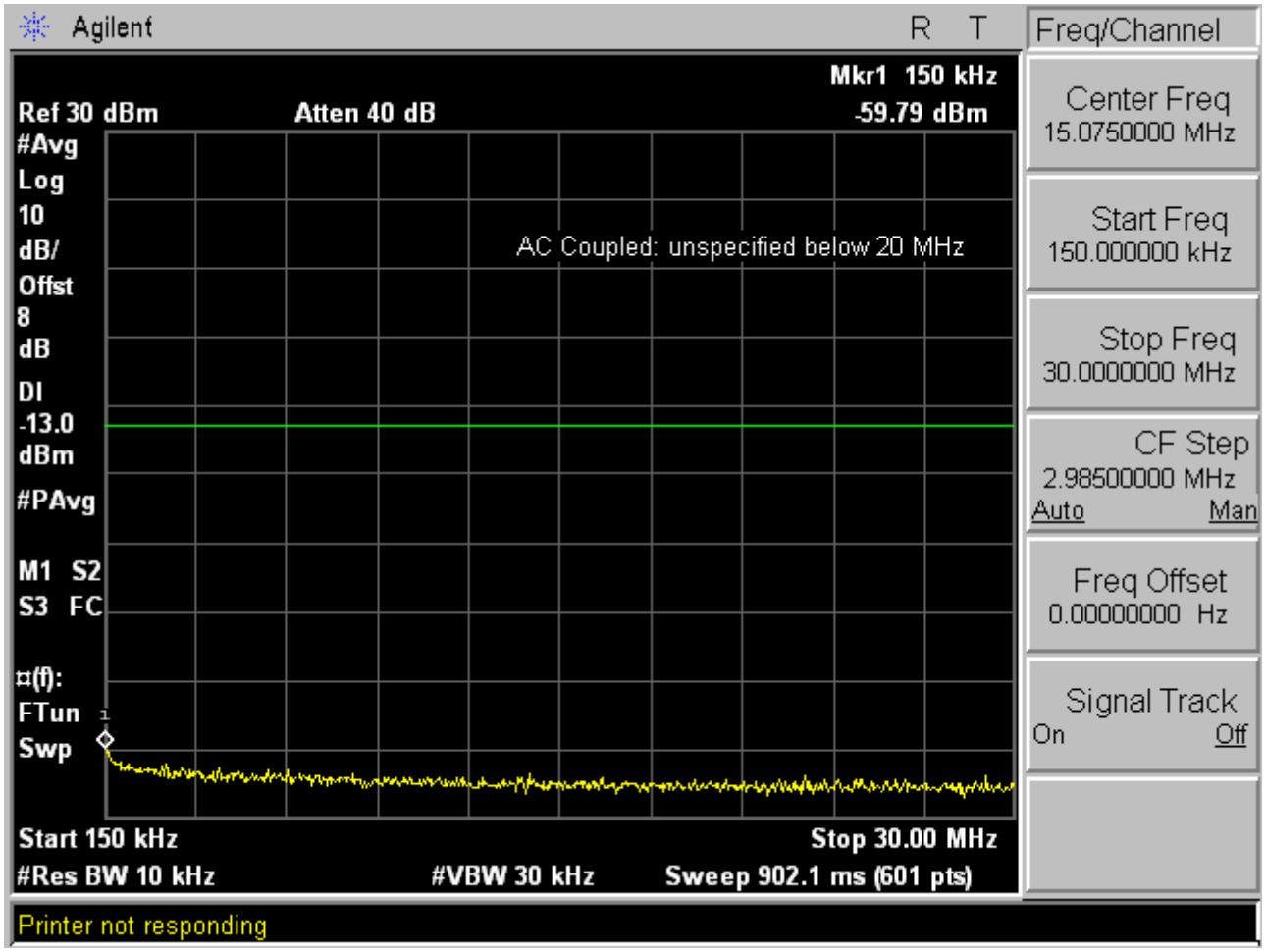

Agilent
R T
Freq/Channel
Mkr1 200 kHz
Ref 30 dBm
Atten 40 dB
-59.04 dBm
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
#PAvg
M1 S2
S3 FC
¤(f):
FTun
Swp
AC Coupled: unspecified below 20 MHz
Center Freq
15.0750000 MHz
Start Freq
150.000000 kHz
Stop Freq
30.0000000 MHz
CF Step
2.98500000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Start 150 kHz
Stop 30.00 MHz
#Res BW 10 kHz
#VBW 30 kHz
Sweep 902.1 ms (601 pts)
Printer not responding

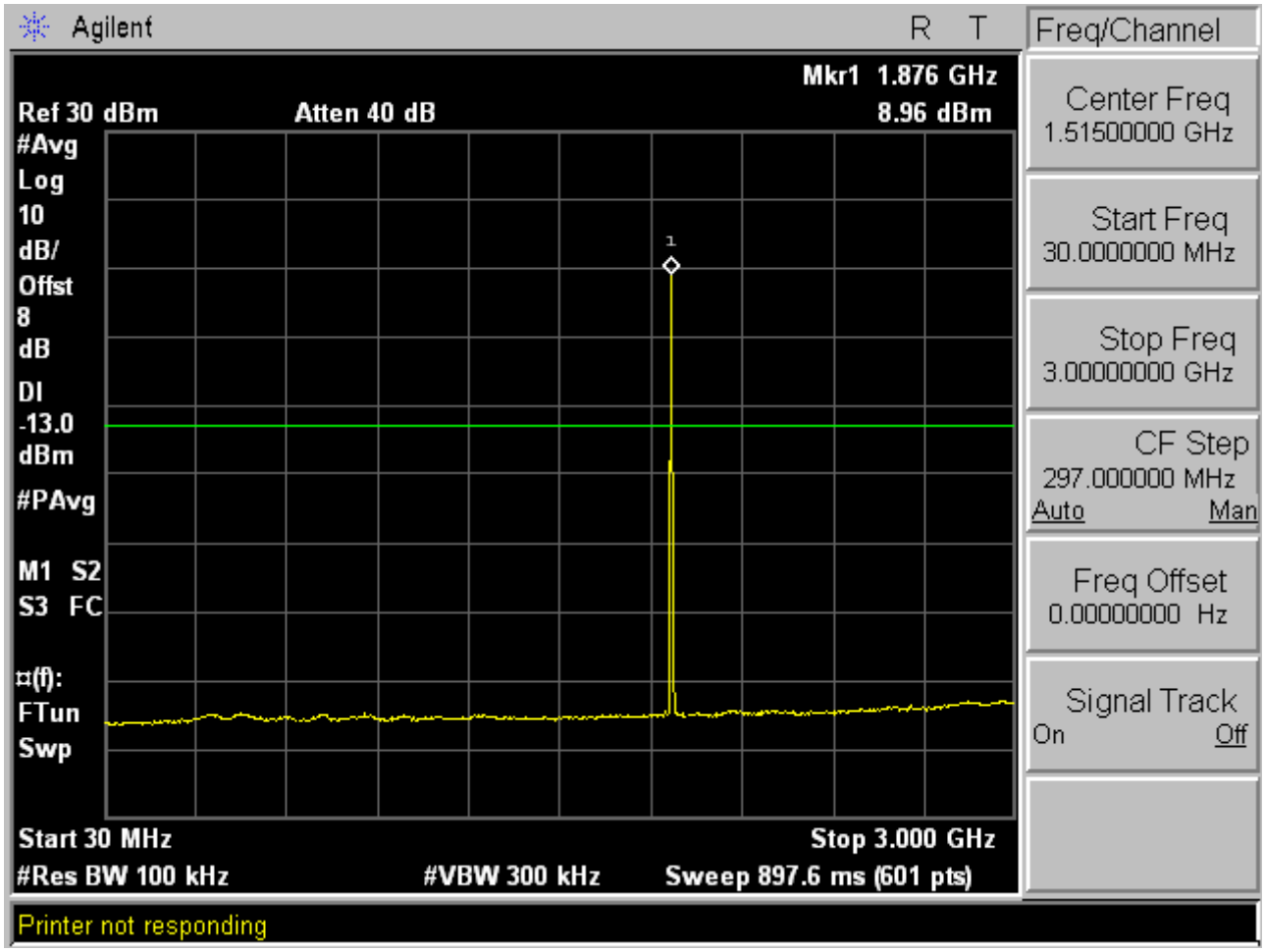

Agilent
R T
Freq/Channel
Mkr1 1.852 GHz
8.67 dBm
Ref 30 dBm
Atten 40 dB
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
#PAvg
M1 S2
S3 FC
¤(f):
FTun
Swp
Center Freq
1.51500000 GHz
Start Freq
30.0000000 MHz
Stop Freq
3.00000000 GHz
CF Step
297.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Start 30 MHz
Stop 3.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 897.6 ms (601 pts)
Printer not responding

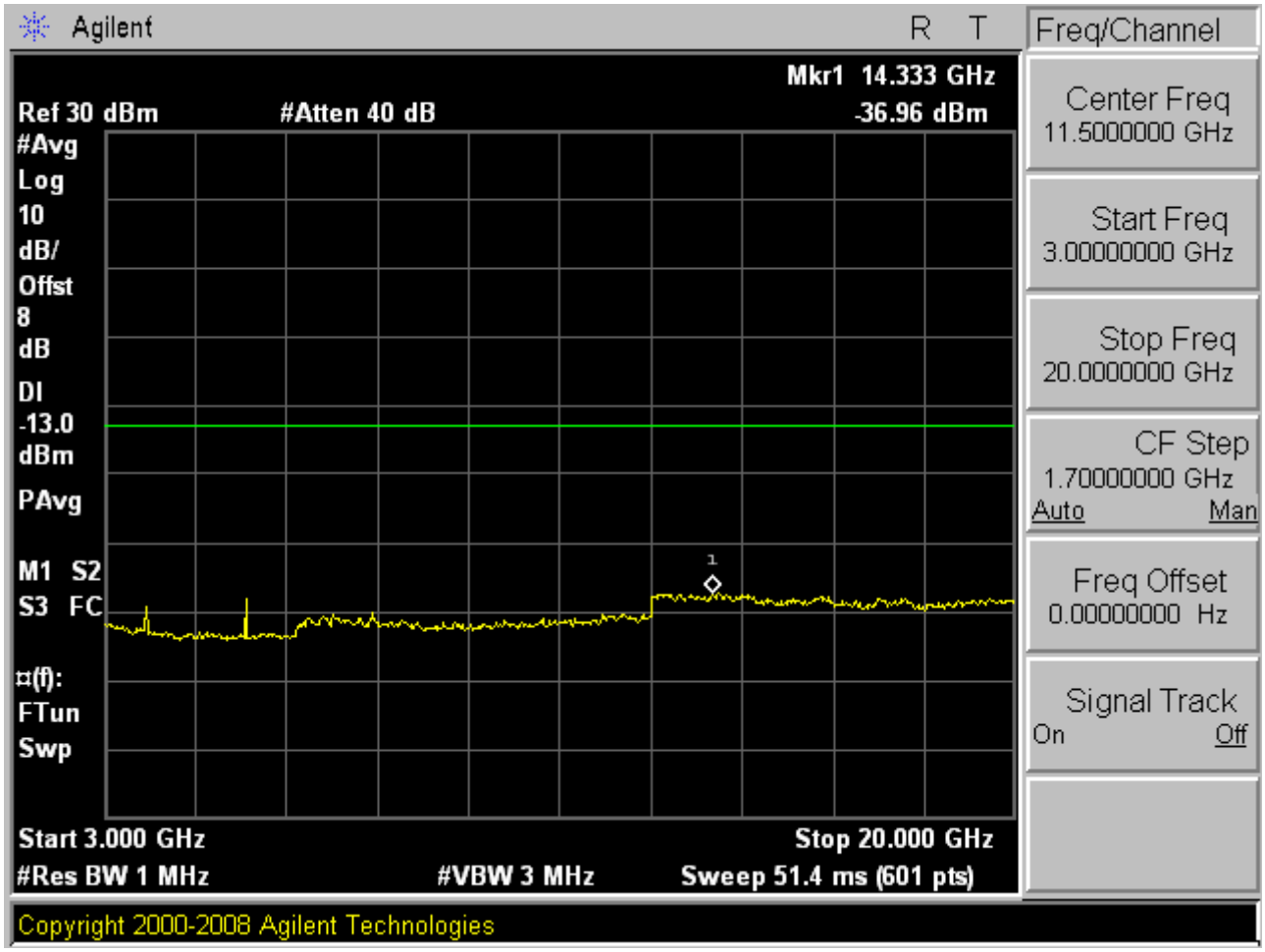


Channel 525（TM3）

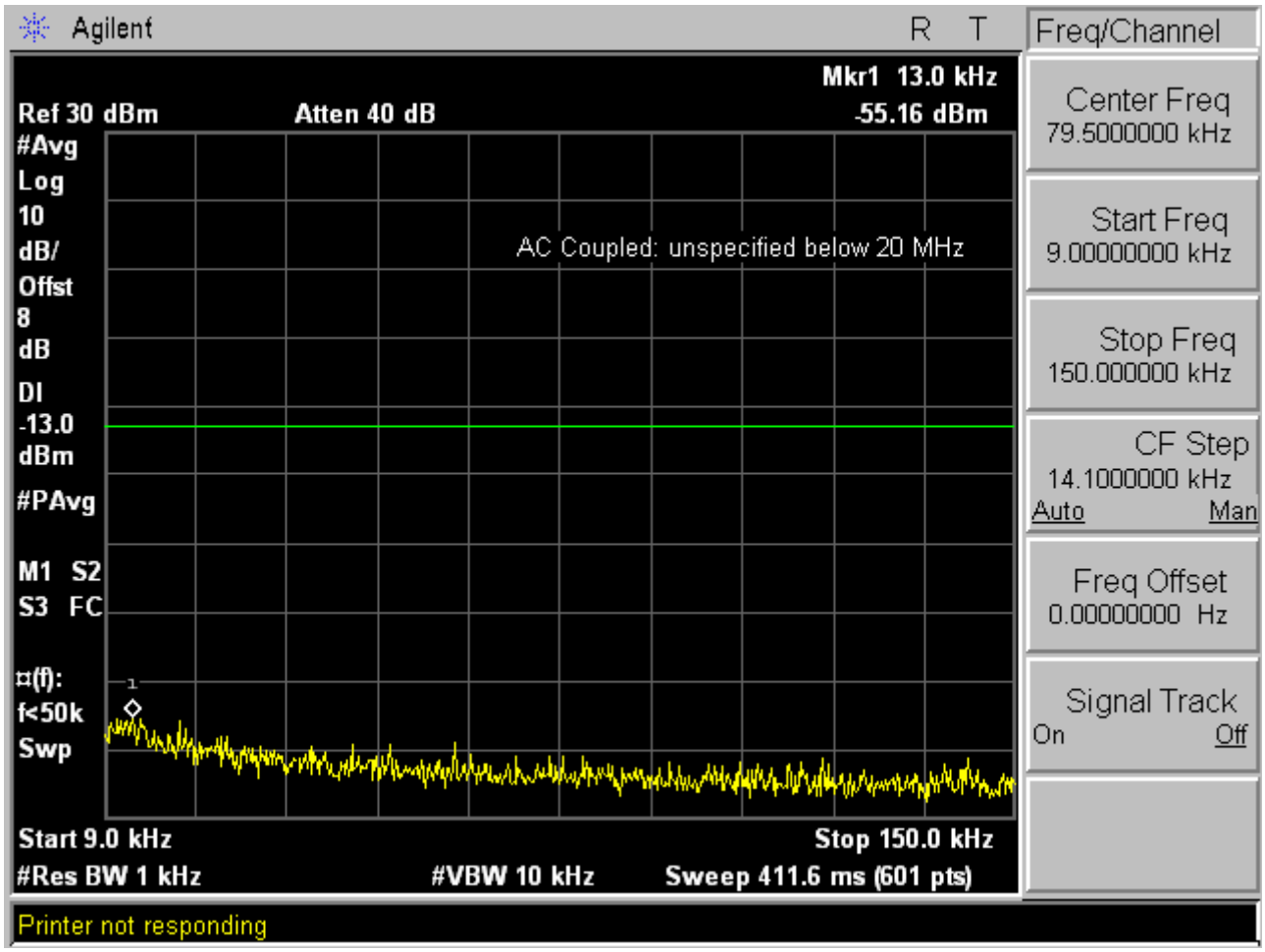

Agilent
R T
Freq/Channel
Mkr1 11.6 kHz
Ref 30 dBm
Atten 40 dB
-53.49 dBm
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
#PAvg
M1 S2
S3 FC
¤(f):
f<50k
Swp
AC Coupled: unspecified below 20 MHz
Center Freq
79.5000000 kHz
Start Freq
9.00000000 kHz
Stop Freq
150.000000 kHz
CF Step
14.1000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Start 9.0 kHz
Stop 150.0 kHz
#Res BW 1 kHz
#VBW 10 kHz
Sweep 411.6 ms (601 pts)
Printer not responding

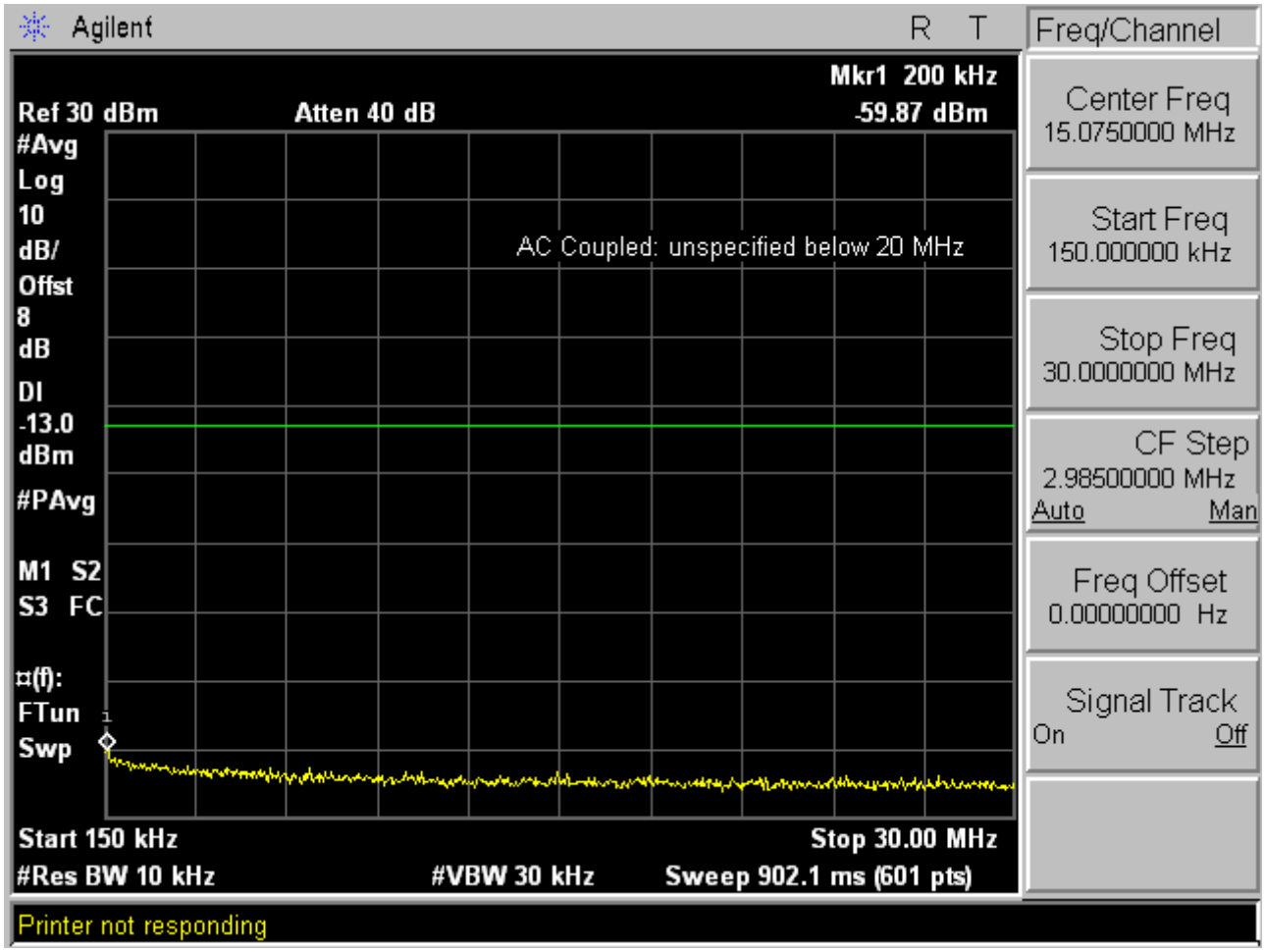

Agilent
R T
Freq/Channel
Mkr1 150 kHz
Ref 30 dBm
Atten 40 dB
-59.79 dBm
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
#PAvg
M1 S2
S3 FC
¤(f):
FTun
Swp
AC Coupled: unspecified below 20 MHz
Center Freq
15.0750000 MHz
Start Freq
150.000000 kHz
Stop Freq
30.0000000 MHz
CF Step
2.98500000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Start 150 kHz
Stop 30.00 MHz
#Res BW 10 kHz
#VBW 30 kHz
Sweep 902.1 ms (601 pts)
Printer not responding

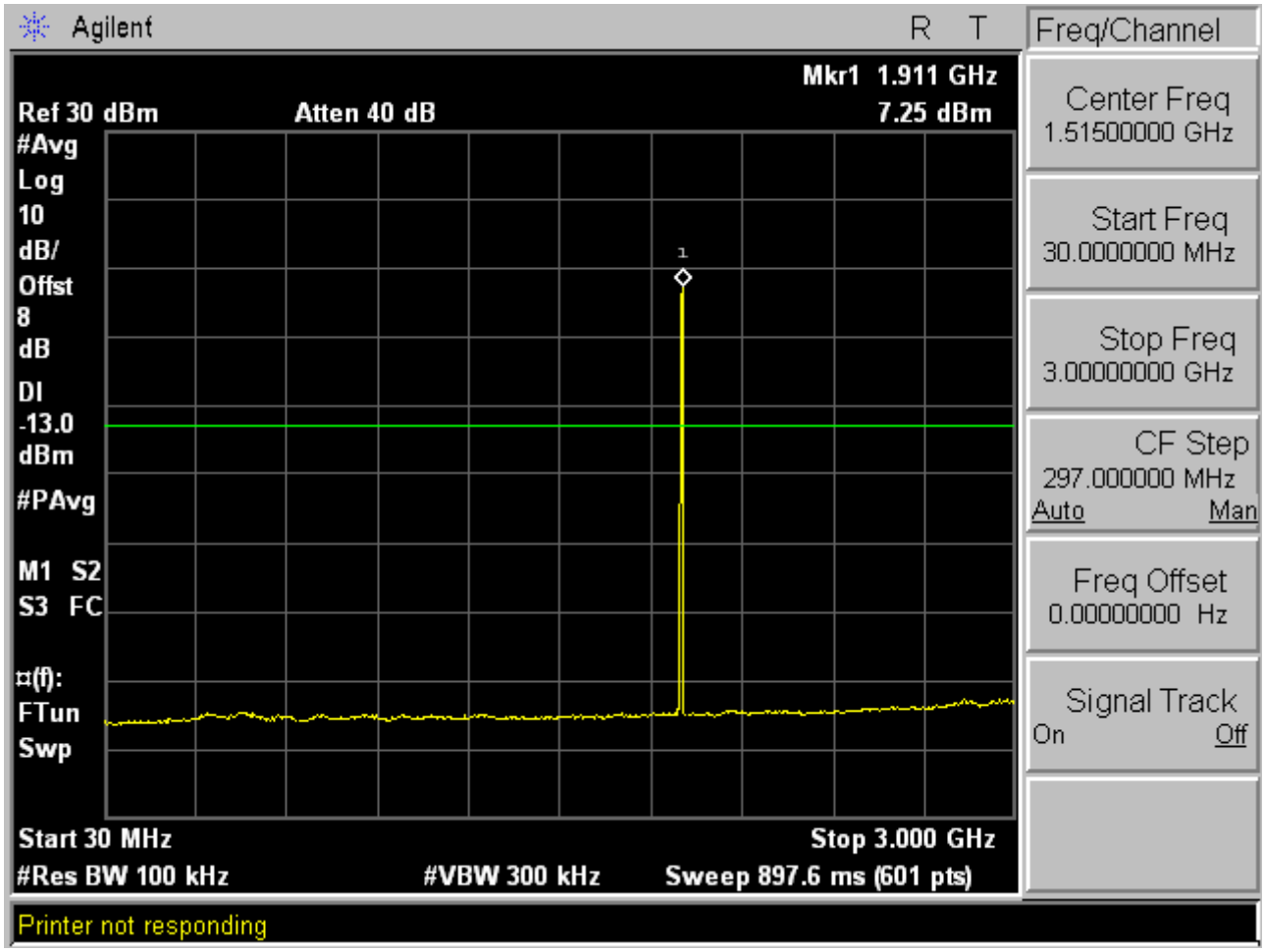

Agilent
R T
Freq/Channel
Mkr1 1.876 GHz
8.96 dBm
Ref 30 dBm
Atten 40 dB
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
#PAvg
M1 S2
S3 FC
¤(f):
FTun
Swp
Center Freq
1.51500000 GHz
Start Freq
30.0000000 MHz
Stop Freq
3.00000000 GHz
CF Step
297.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Start 30 MHz
Stop 3.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 897.6 ms (601 pts)
Printer not responding

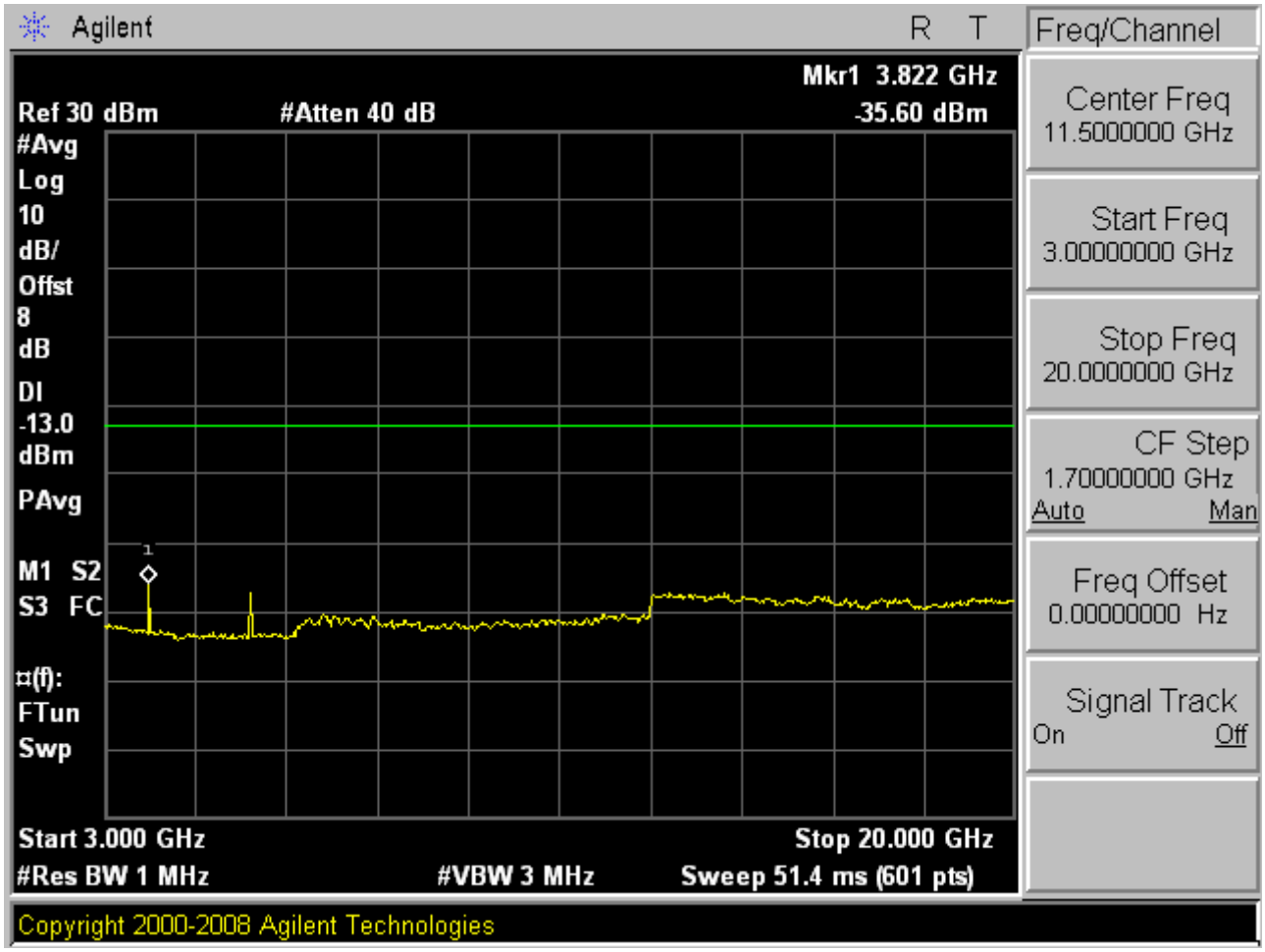


Channel 1175（TM3）


Agilent
R T
Freq/Channel
Mkr1 13.0 kHz
Ref 30 dBm
Atten 40 dB
-55.16 dBm
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
#PAvg
M1 S2
S3 FC
¤(f):
f<50k
Swp
AC Coupled: unspecified below 20 MHz
Center Freq
79.5000000 kHz
Start Freq
9.00000000 kHz
Stop Freq
150.000000 kHz
CF Step
14.1000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Start 9.0 kHz
Stop 150.0 kHz
#Res BW 1 kHz
#VBW 10 kHz
Sweep 411.6 ms (601 pts)
Printer not responding

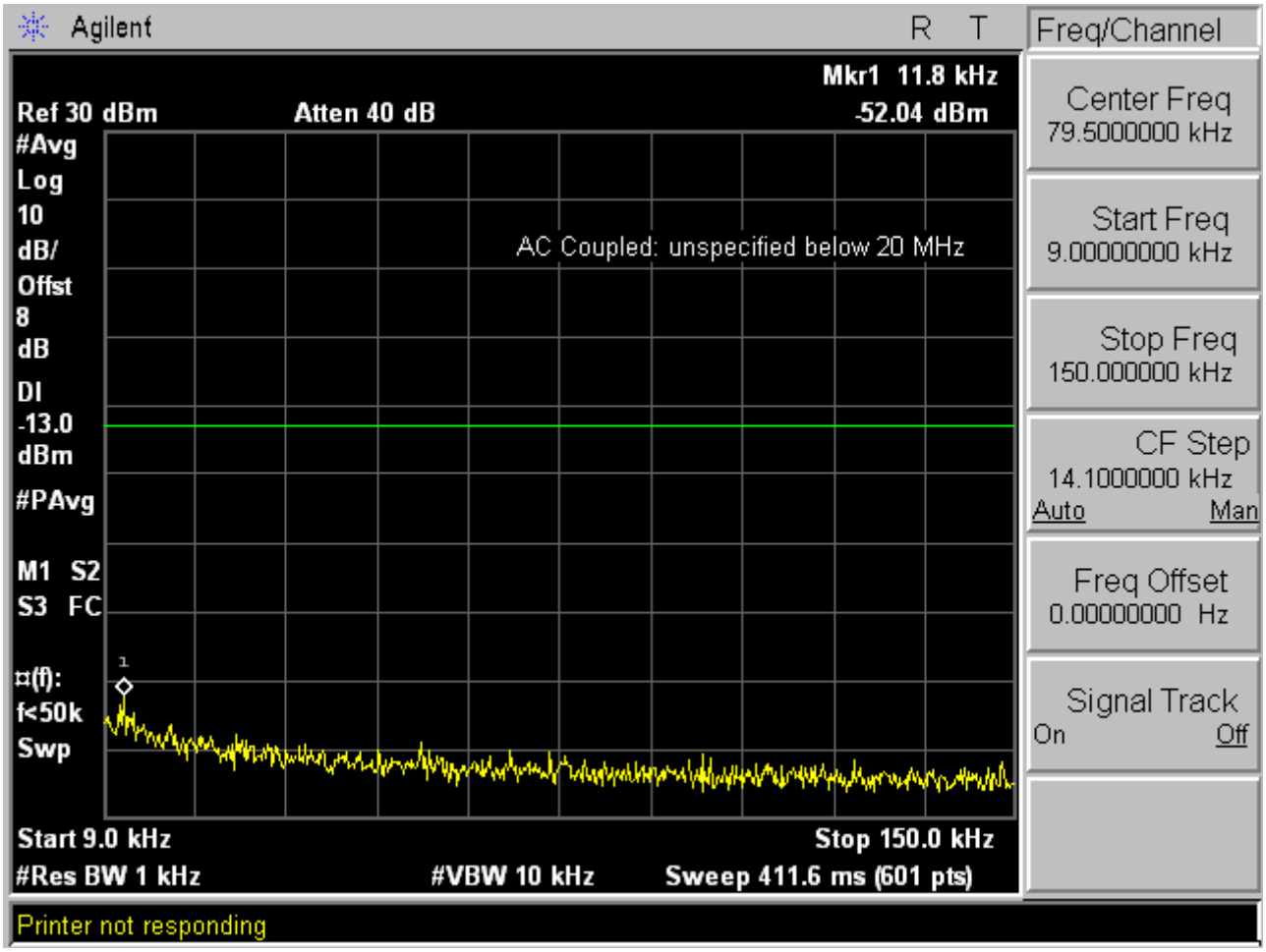

Agilent
R T
Freq/Channel
Mkr1 200 kHz
Ref 30 dBm
Atten 40 dB
-59.87 dBm
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
#PAvg
M1 S2
S3 FC
¤(f):
FTun
Swp
AC Coupled: unspecified below 20 MHz
Start 150 kHz
Stop 30.00 MHz
#Res BW 10 kHz
#VBW 30 kHz
Sweep 902.1 ms (601 pts)
Center Freq
15.0750000 MHz
Start Freq
150.000000 kHz
Stop Freq
30.0000000 MHz
CF Step
2.98500000 MHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Printer not responding

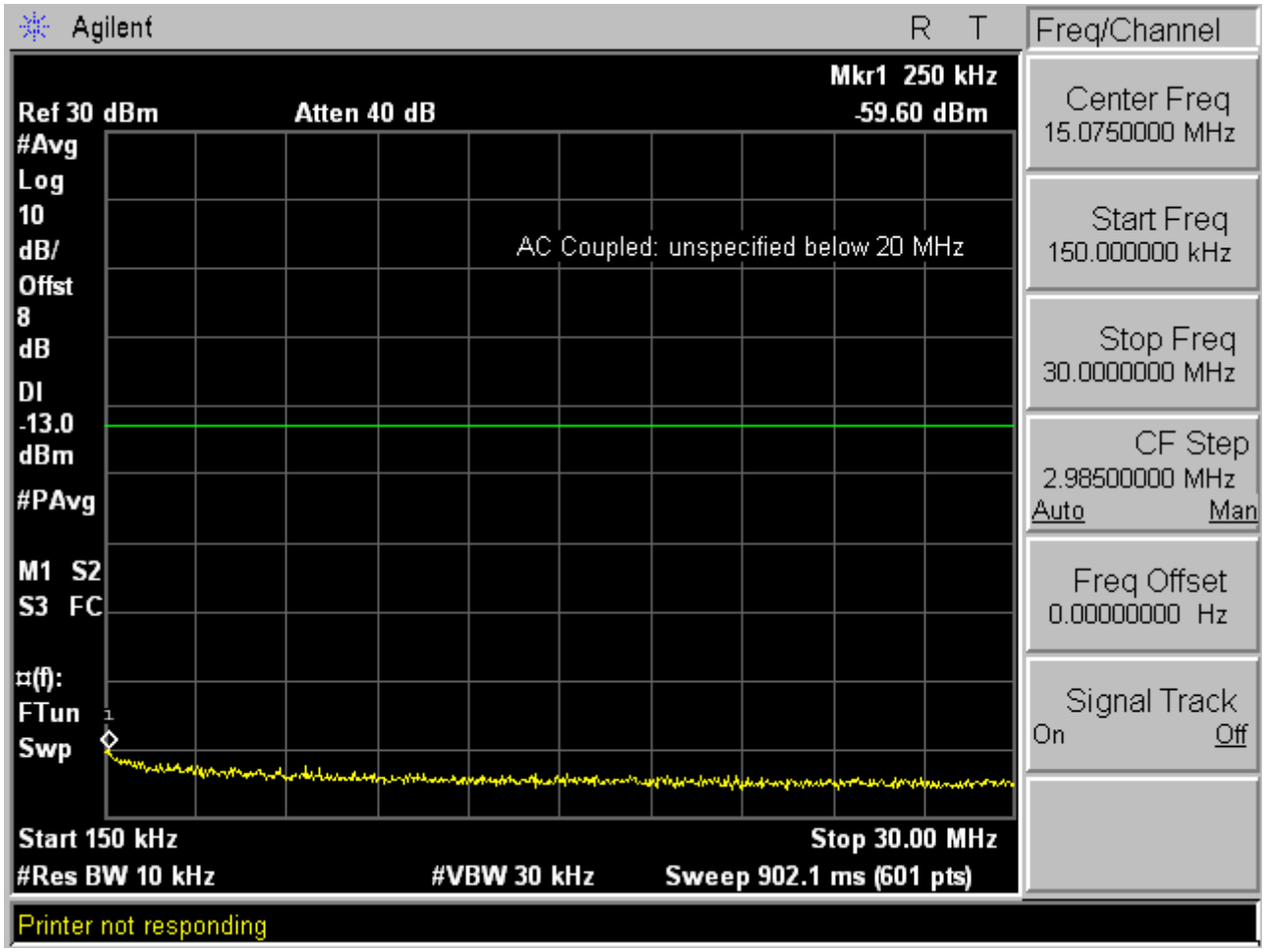

Agilent
R T
Freq/Channel
Mkr1 1.911 GHz
7.25 dBm
Ref 30 dBm
Atten 40 dB
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
#PAvg
M1 S2
S3 FC
¤(f):
FTun
Swp
Center Freq
1.51500000 GHz
Start Freq
30.0000000 MHz
Stop Freq
3.00000000 GHz
CF Step
297.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Start 30 MHz
Stop 3.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 897.6 ms (601 pts)
Printer not responding

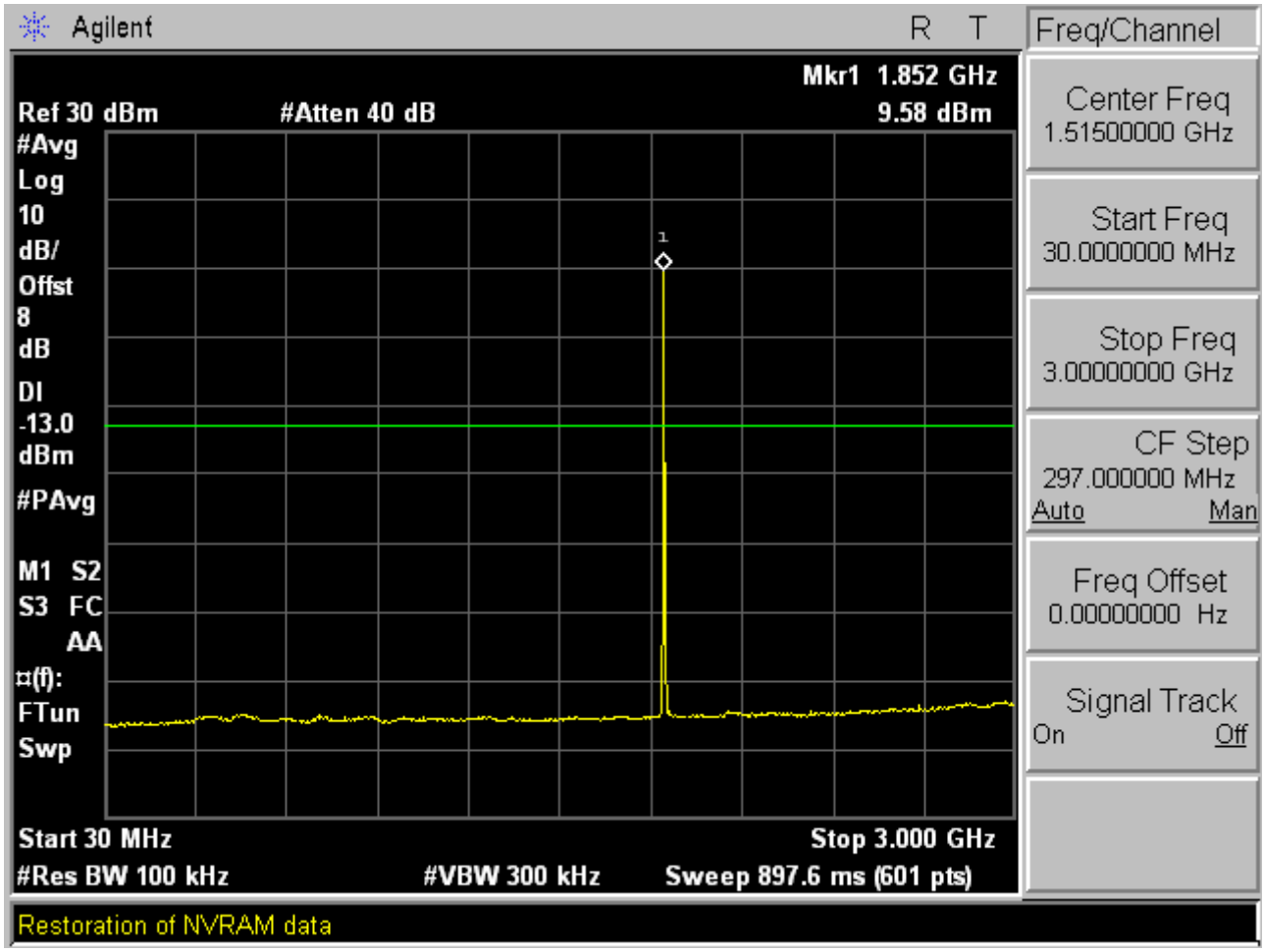


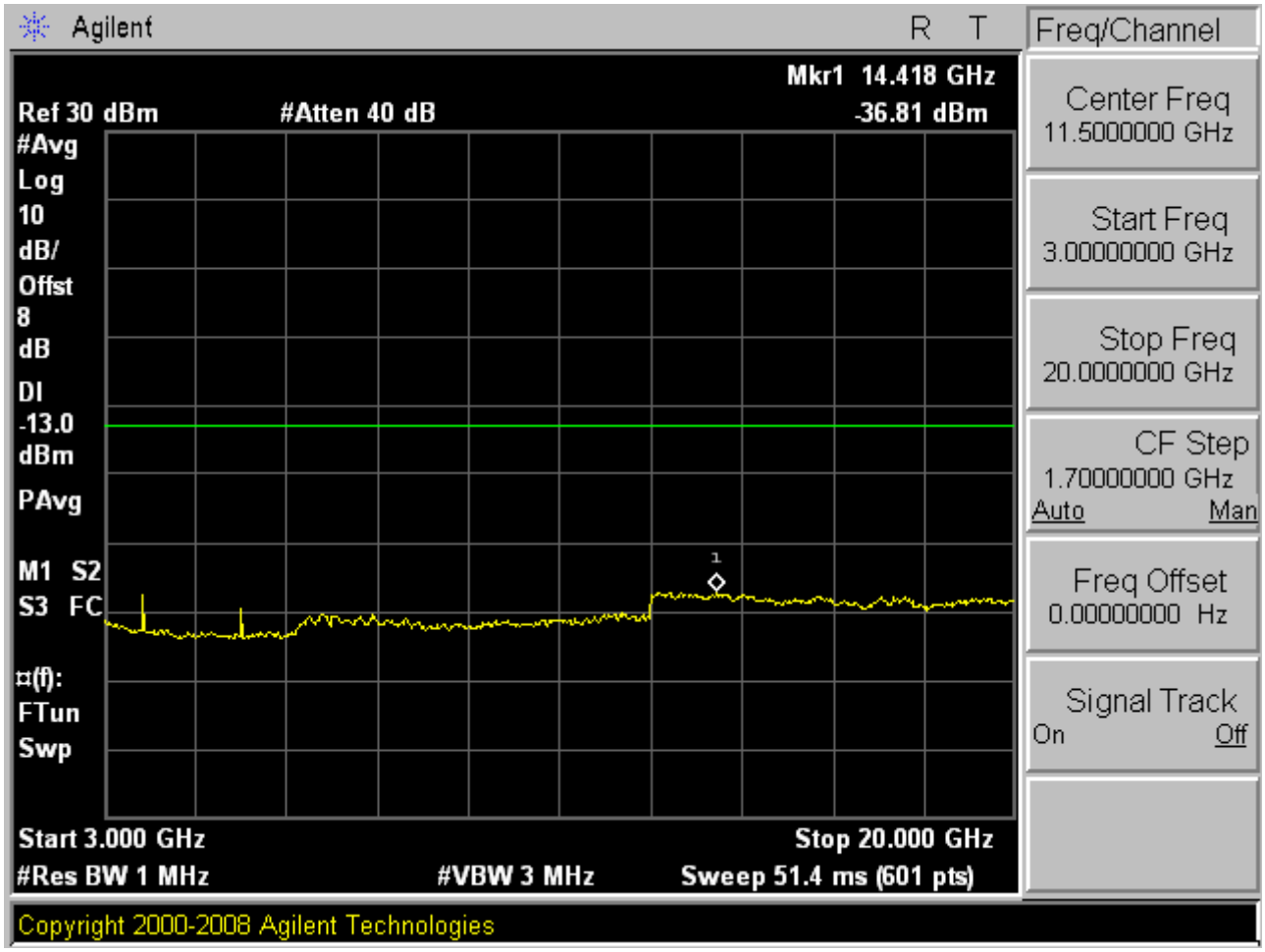
EVDO subtype 0

Channel 25

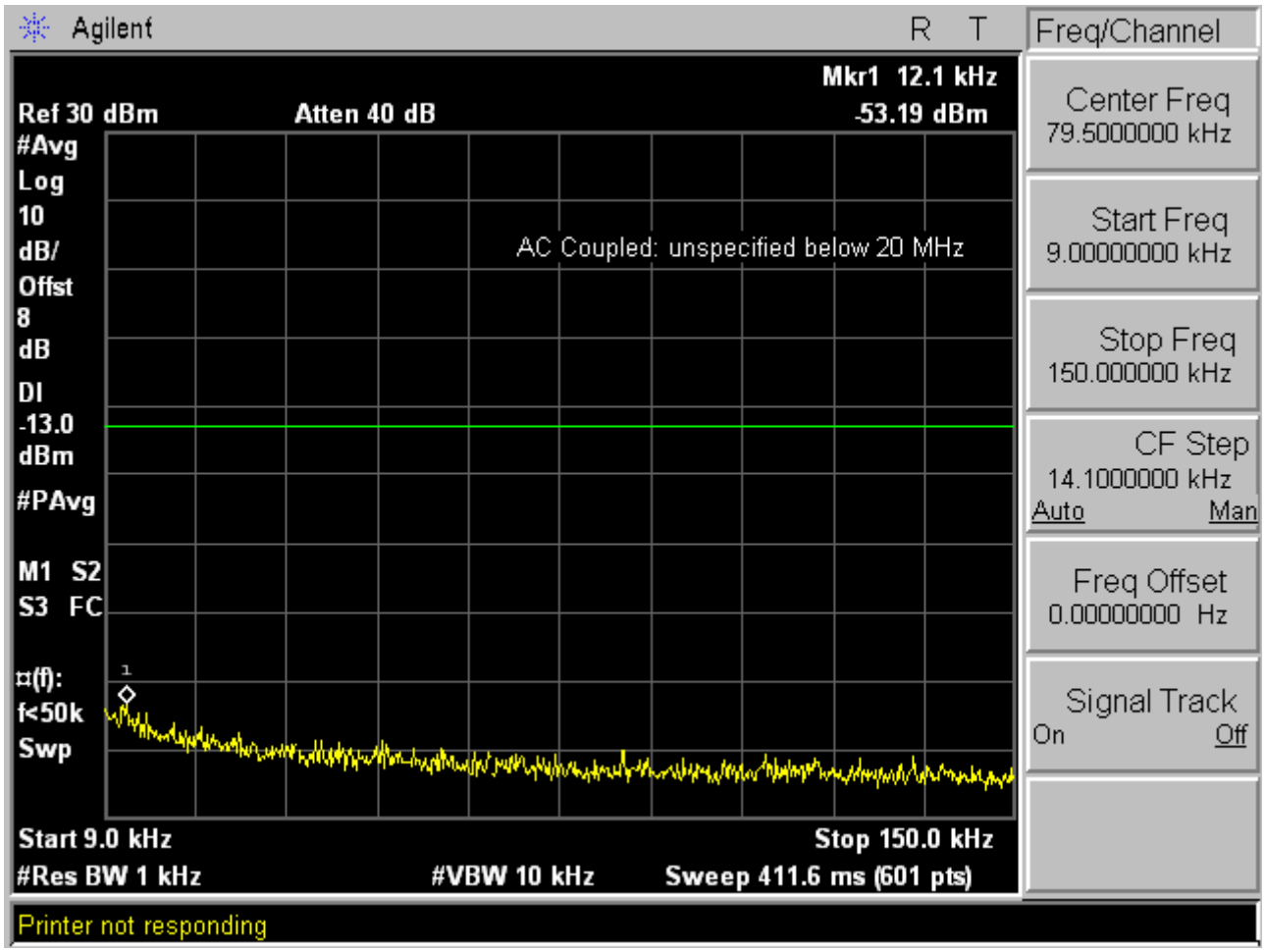

Agilent
R T
Freq/Channel
Mkr1 11.8 kHz
Ref 30 dBm
Atten 40 dB
-52.04 dBm
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
#PAvg
M1 S2
S3 FC
¤(f):
f<50k
Swp
AC Coupled: unspecified below 20 MHz
Center Freq
79.5000000 kHz
Start Freq
9.00000000 kHz
Stop Freq
150.000000 kHz
CF Step
14.1000000 kHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Start 9.0 kHz
Stop 150.0 kHz
#Res BW 1 kHz
#VBW 10 kHz
Sweep 411.6 ms (601 pts)
Printer not responding

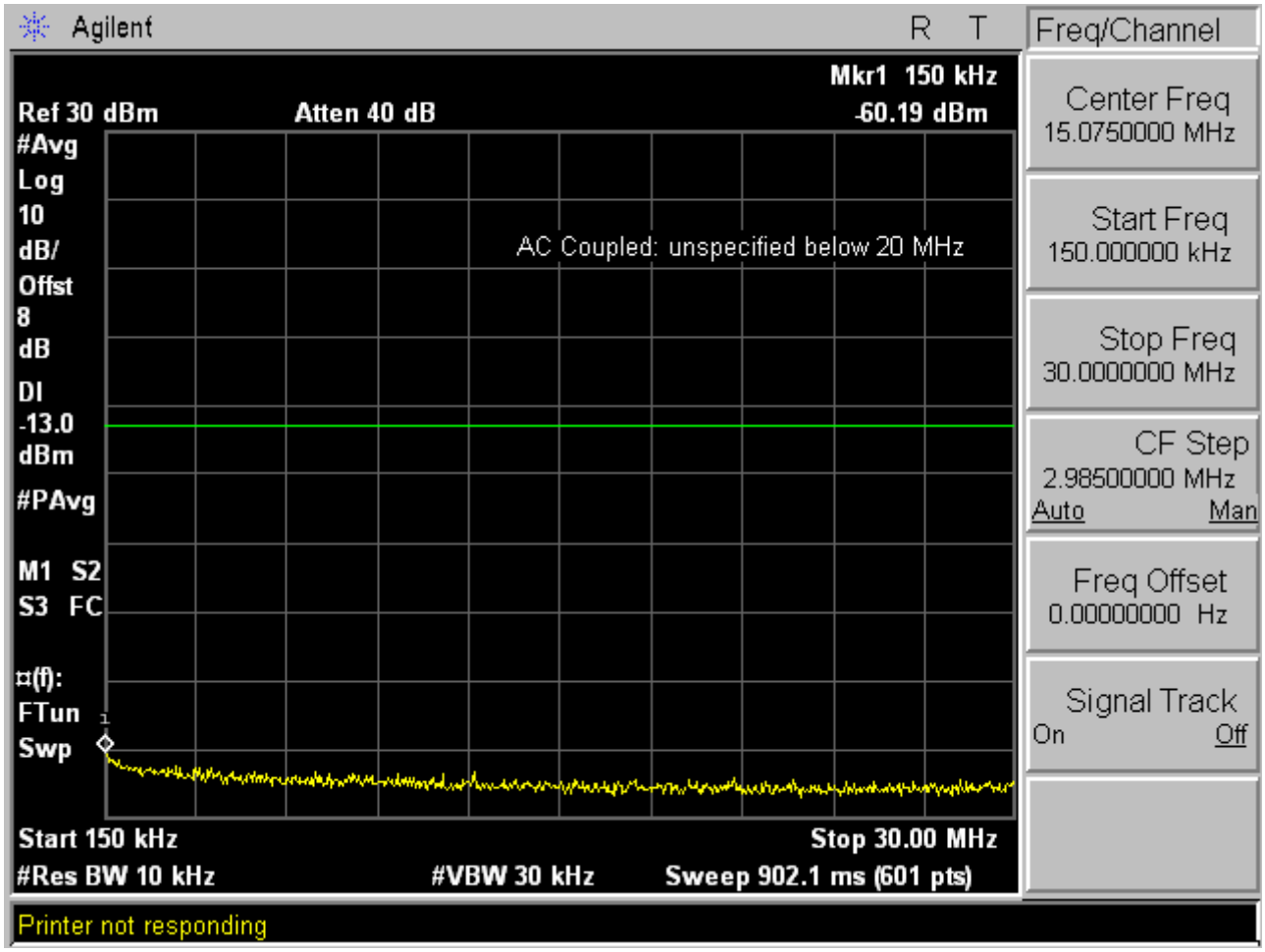

Agilent
R T
Freq/Channel
Mkr1 250 kHz
Ref 30 dBm
Atten 40 dB
-59.60 dBm
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
#PAvg
M1 S2
S3 FC
¤(f):
FTun
Swp
AC Coupled: unspecified below 20 MHz
Center Freq
15.0750000 MHz
Start Freq
150.000000 kHz
Stop Freq
30.0000000 MHz
CF Step
2.98500000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Start 150 kHz
Stop 30.00 MHz
#Res BW 10 kHz
#VBW 30 kHz
Sweep 902.1 ms (601 pts)
Printer not responding

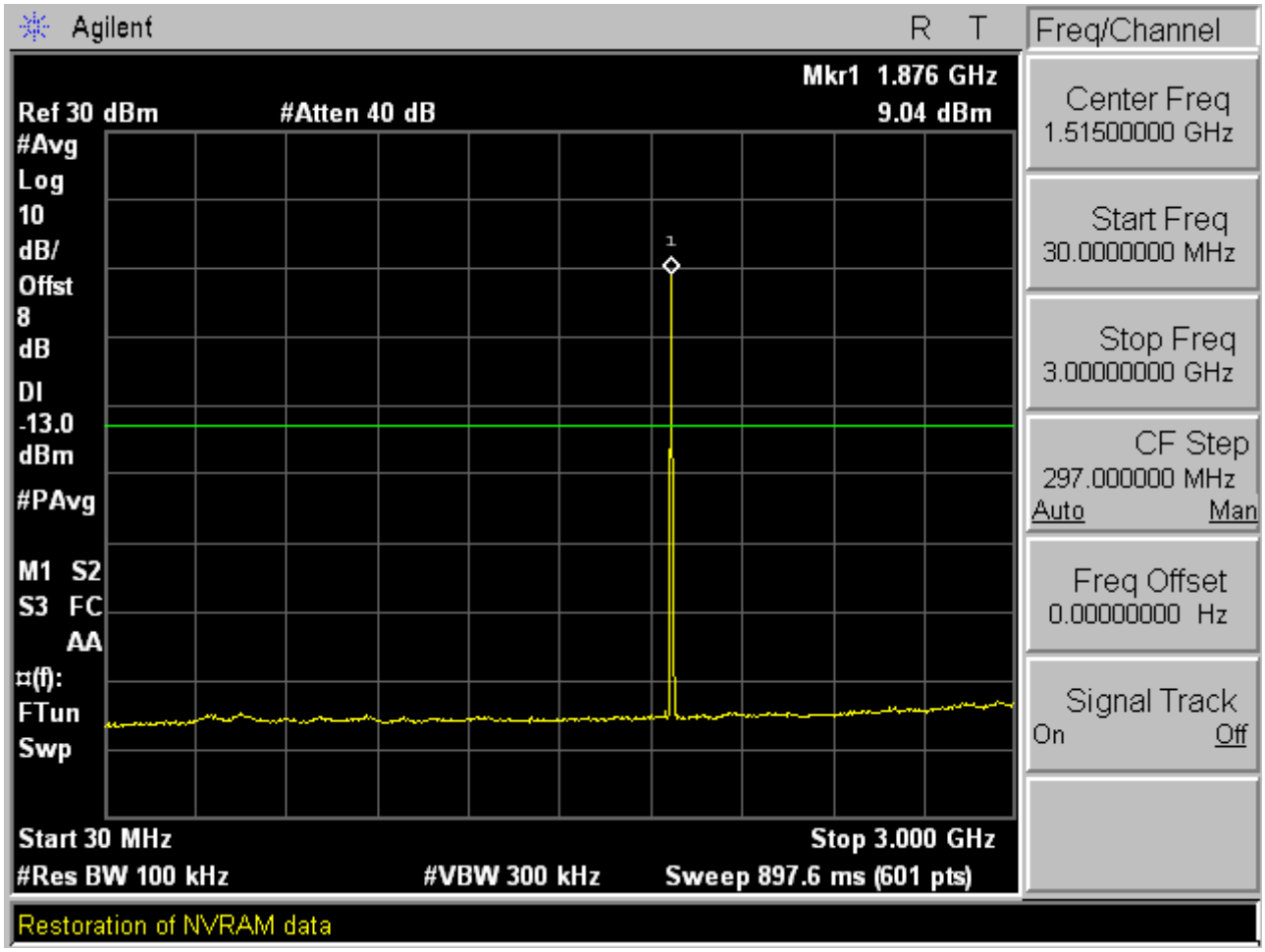

Agilent
R T
Freq/Channel
Mkr1 1.852 GHz
9.58 dBm
Ref 30 dBm
#Atten 40 dB
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
#PAvg
M1 S2
S3 FC
AA
¤(f):
FTun
Swp
Center Freq
1.51500000 GHz
Start Freq
30.0000000 MHz
Stop Freq
3.00000000 GHz
CF Step
297.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Start 30 MHz
Stop 3.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 897.6 ms (601 pts)
Restoration of NVRAM data

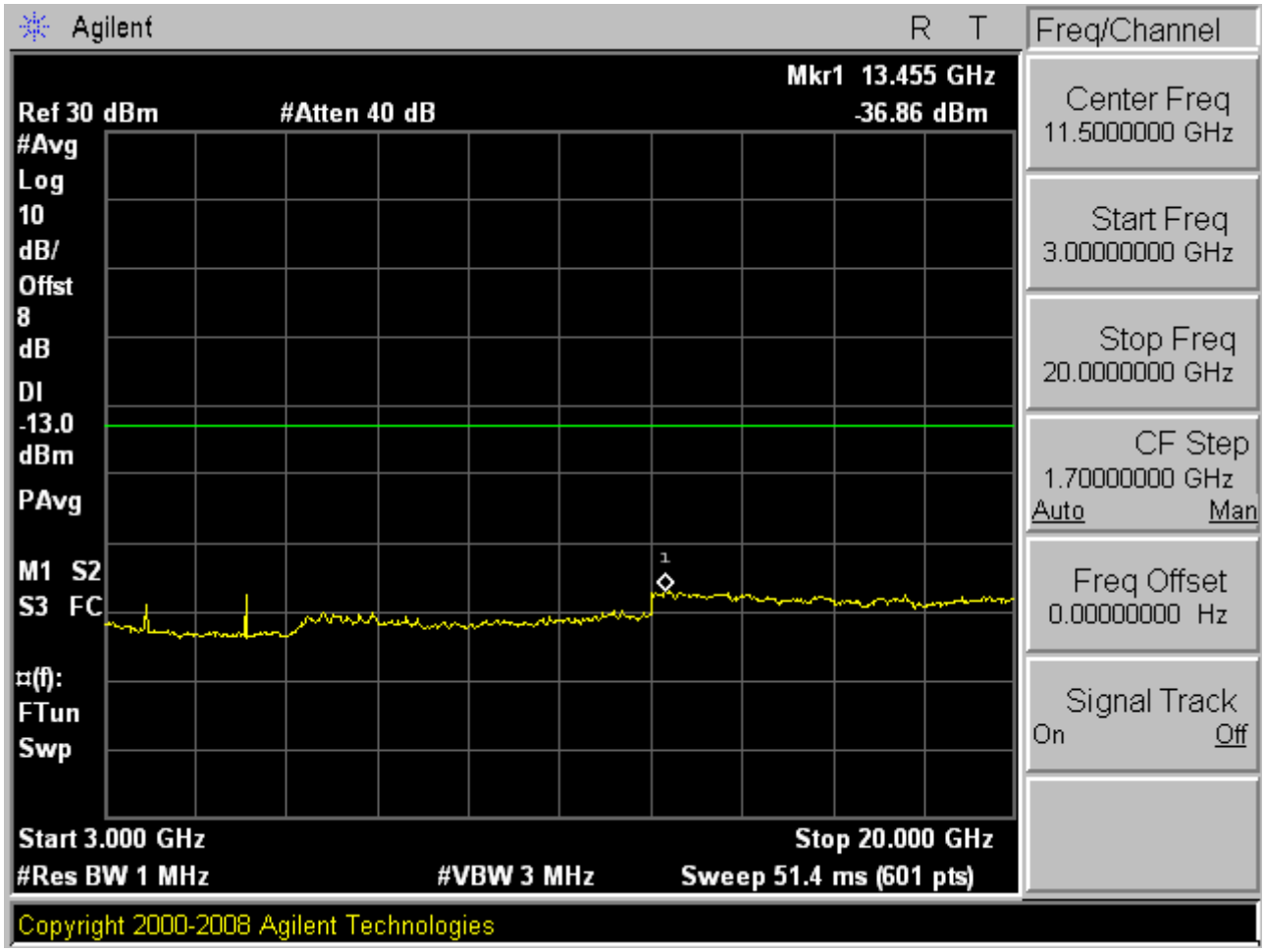

Agilent
R T
Freq/Channel
Mkr1 14.418 GHz
Ref 30 dBm
#Atten 40 dB
-36.81 dBm
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
PAvg
M1 S2
S3 FC
¤(f):
FTun
Swp
Center Freq
11.5000000 GHz
Start Freq
3.00000000 GHz
Stop Freq
20.0000000 GHz
CF Step
1.70000000 GHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Start 3.000 GHz
Stop 20.000 GHz
#Res BW 1 MHz
#VBW 3 MHz
Sweep 51.4 ms (601 pts)
Copyright 2000-2008 Agilent Technologies

Channel 525

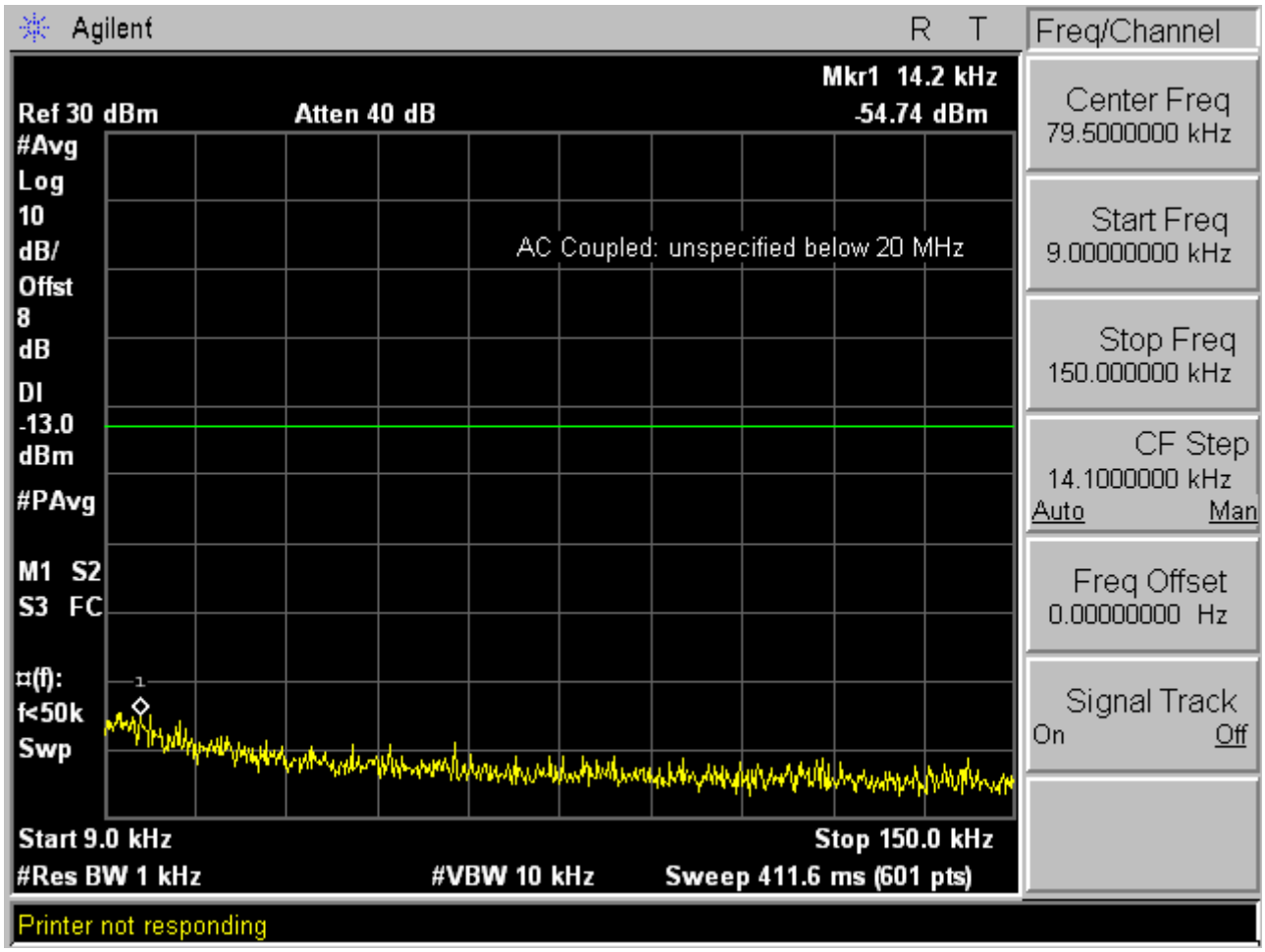

Agilent
R T
Freq/Channel
Mkr1 12.1 kHz
Ref 30 dBm
Atten 40 dB
-53.19 dBm
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
#PAvg
M1 S2
S3 FC
¤(f):
f<50k
Swp
AC Coupled: unspecified below 20 MHz
Start 9.0 kHz
Stop 150.0 kHz
#Res BW 1 kHz
#VBW 10 kHz
Sweep 411.6 ms (601 pts)
Center Freq
79.5000000 kHz
Start Freq
9.00000000 kHz
Stop Freq
150.000000 kHz
CF Step
14.1000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Printer not responding

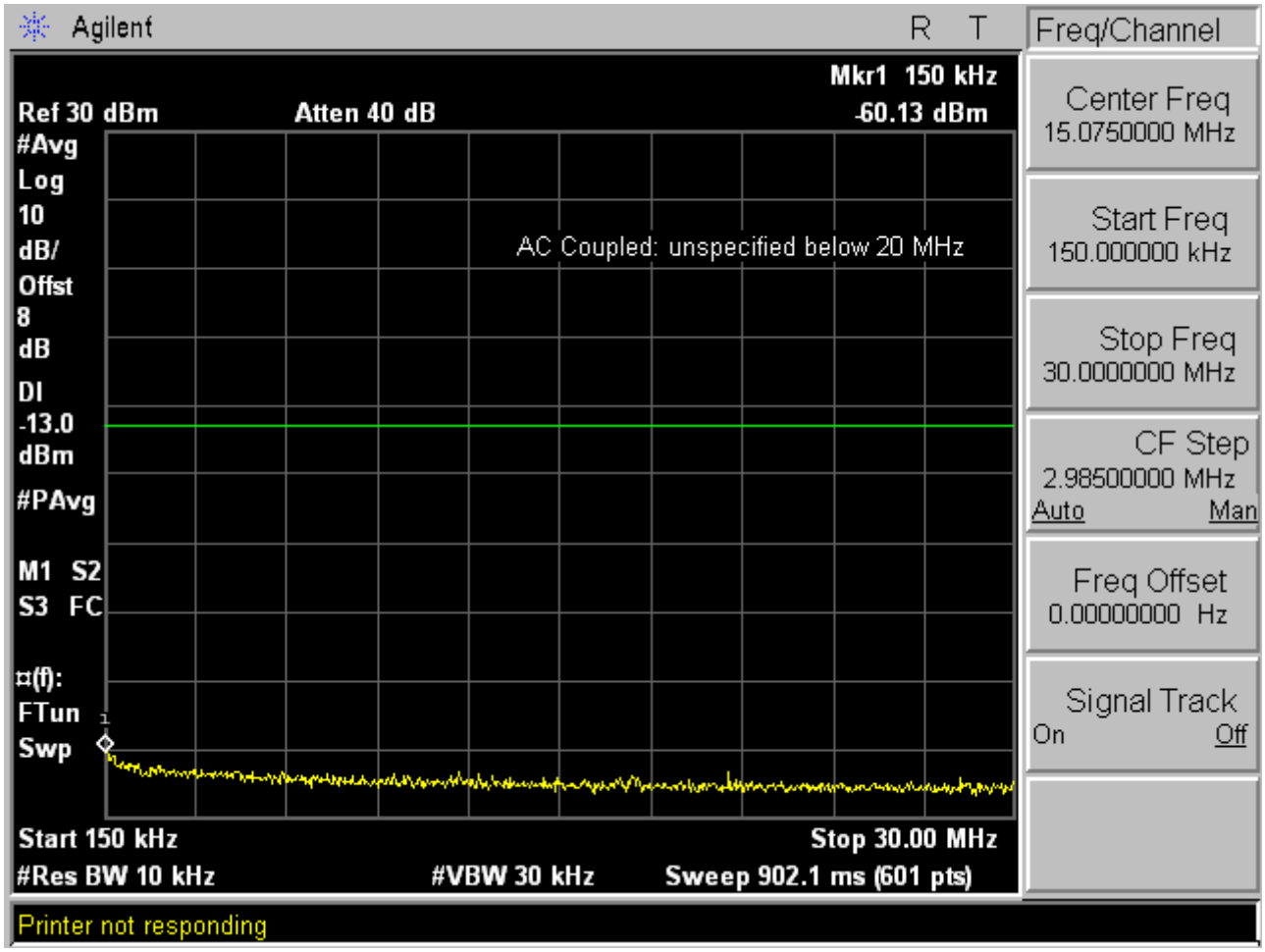

Agilent
R T
Freq/Channel
Mkr1 150 kHz
Ref 30 dBm
Atten 40 dB
-60.19 dBm
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
#PAvg
M1 S2
S3 FC
¤(f):
FTun
Swp
AC Coupled: unspecified below 20 MHz
Center Freq
15.0750000 MHz
Start Freq
150.000000 kHz
Stop Freq
30.0000000 MHz
CF Step
2.98500000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Start 150 kHz
Stop 30.00 MHz
#Res BW 10 kHz
#VBW 30 kHz
Sweep 902.1 ms (601 pts)
Printer not responding

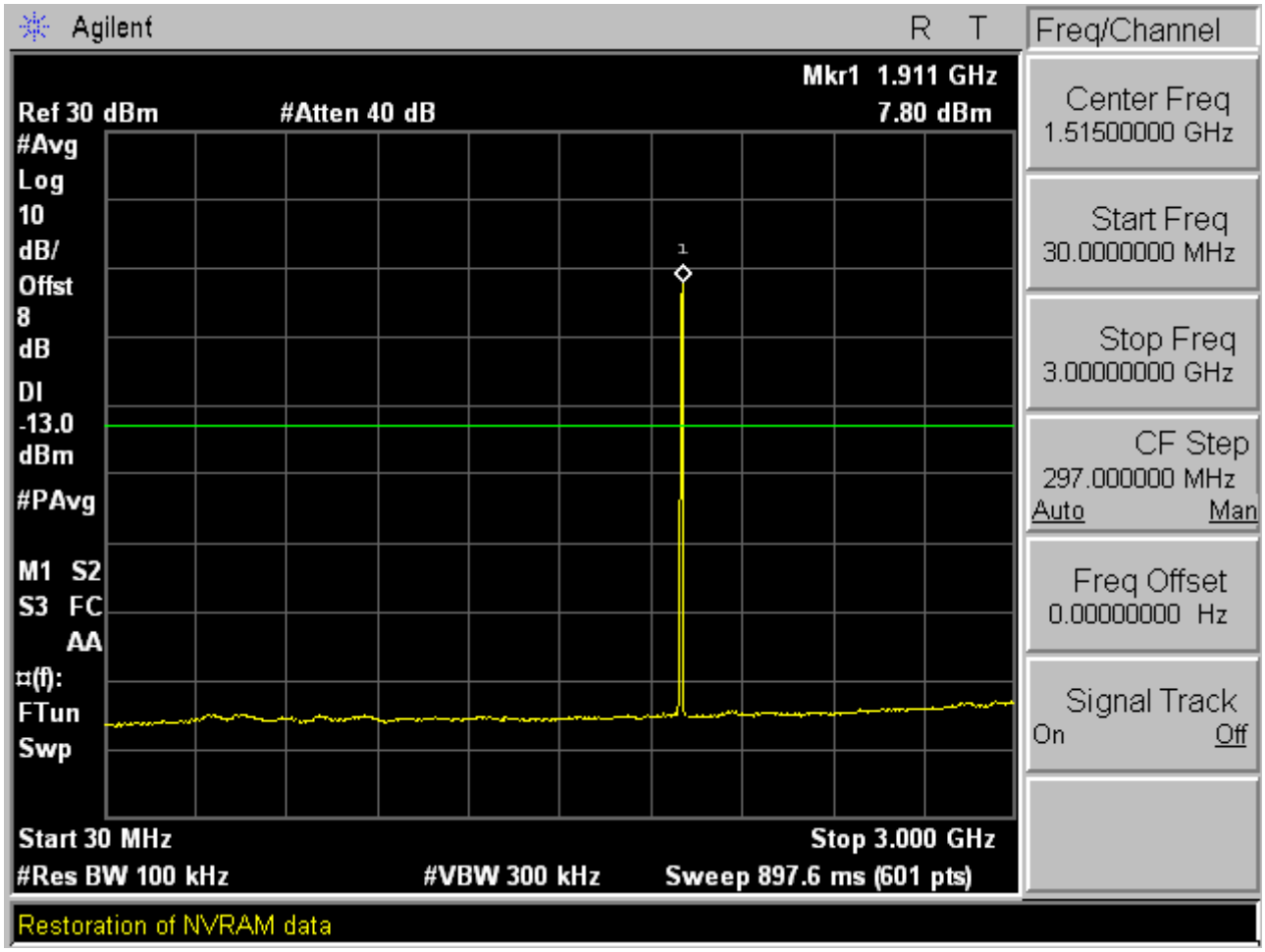

Agilent
R T
Freq/Channel
Mkr1 1.876 GHz
9.04 dBm
Ref 30 dBm
#Atten 40 dB
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
#PAvg
M1 S2
S3 FC
AA
¤(f):
FTun
Swp
Center Freq
1.51500000 GHz
Start Freq
30.0000000 MHz
Stop Freq
3.00000000 GHz
CF Step
297.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Start 30 MHz
Stop 3.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 897.6 ms (601 pts)
Restoration of NVRAM data

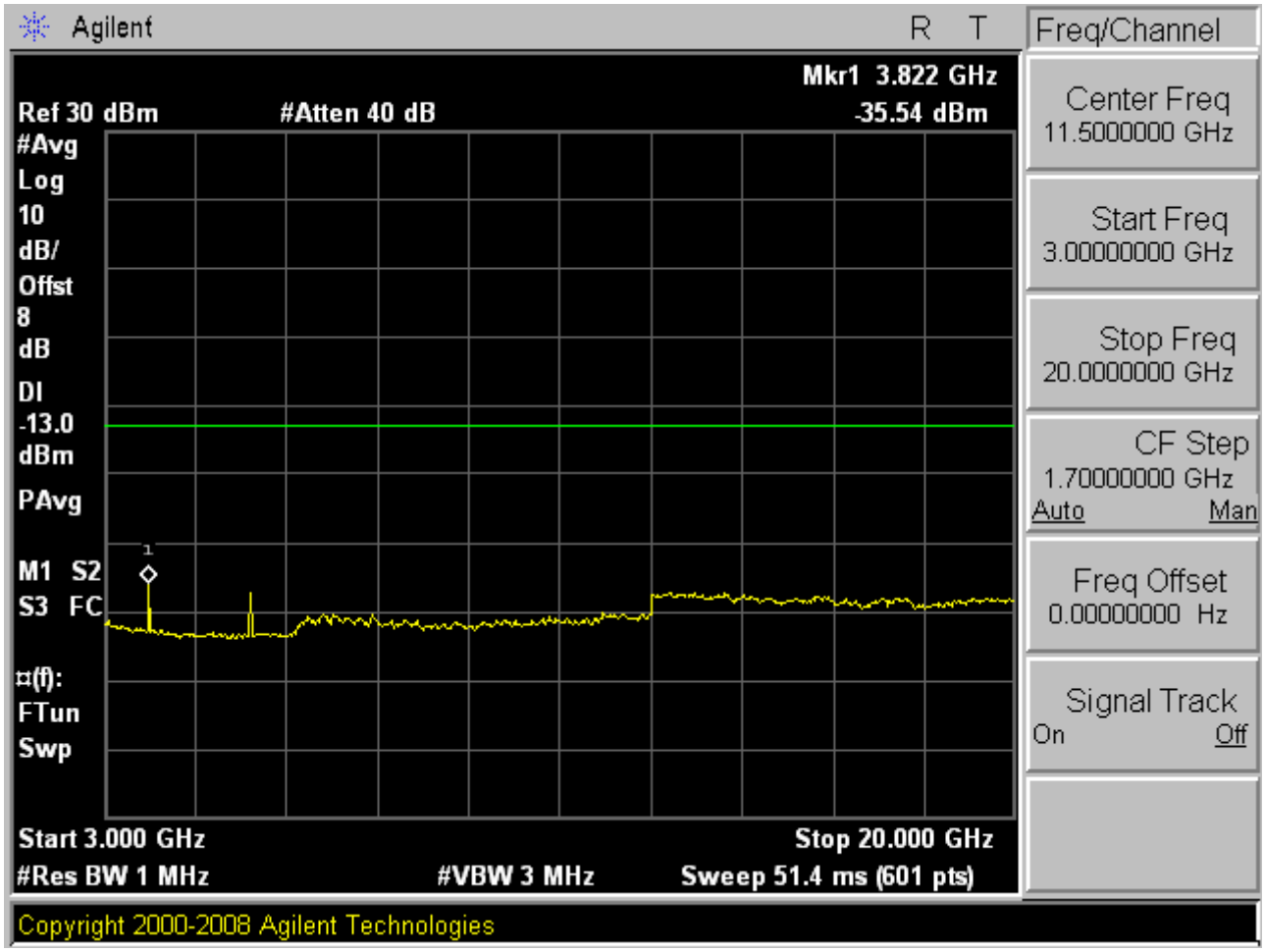


Channel 1175


Agilent
R T
Freq/Channel
Mkr1 14.2 kHz
Ref 30 dBm
Atten 40 dB
-54.74 dBm
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
#PAvg
M1 S2
S3 FC
¤(f):
f<50k
Swp
AC Coupled: unspecified below 20 MHz
Center Freq
79.5000000 kHz
Start Freq
9.00000000 kHz
Stop Freq
150.000000 kHz
CF Step
14.1000000 kHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Start 9.0 kHz
Stop 150.0 kHz
#Res BW 1 kHz
#VBW 10 kHz
Sweep 411.6 ms (601 pts)
Printer not responding


Agilent
R T
Freq/Channel
Mkr1 150 kHz
Ref 30 dBm
Atten 40 dB
-60.13 dBm
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
#PAvg
M1 S2
S3 FC
¤(f):
FTun
Swp
AC Coupled: unspecified below 20 MHz
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
Start 150 kHz
Stop 30.00 MHz
#Res BW 10 kHz
#VBW 30 kHz
Sweep 902.1 ms (601 pts)
Printer not responding

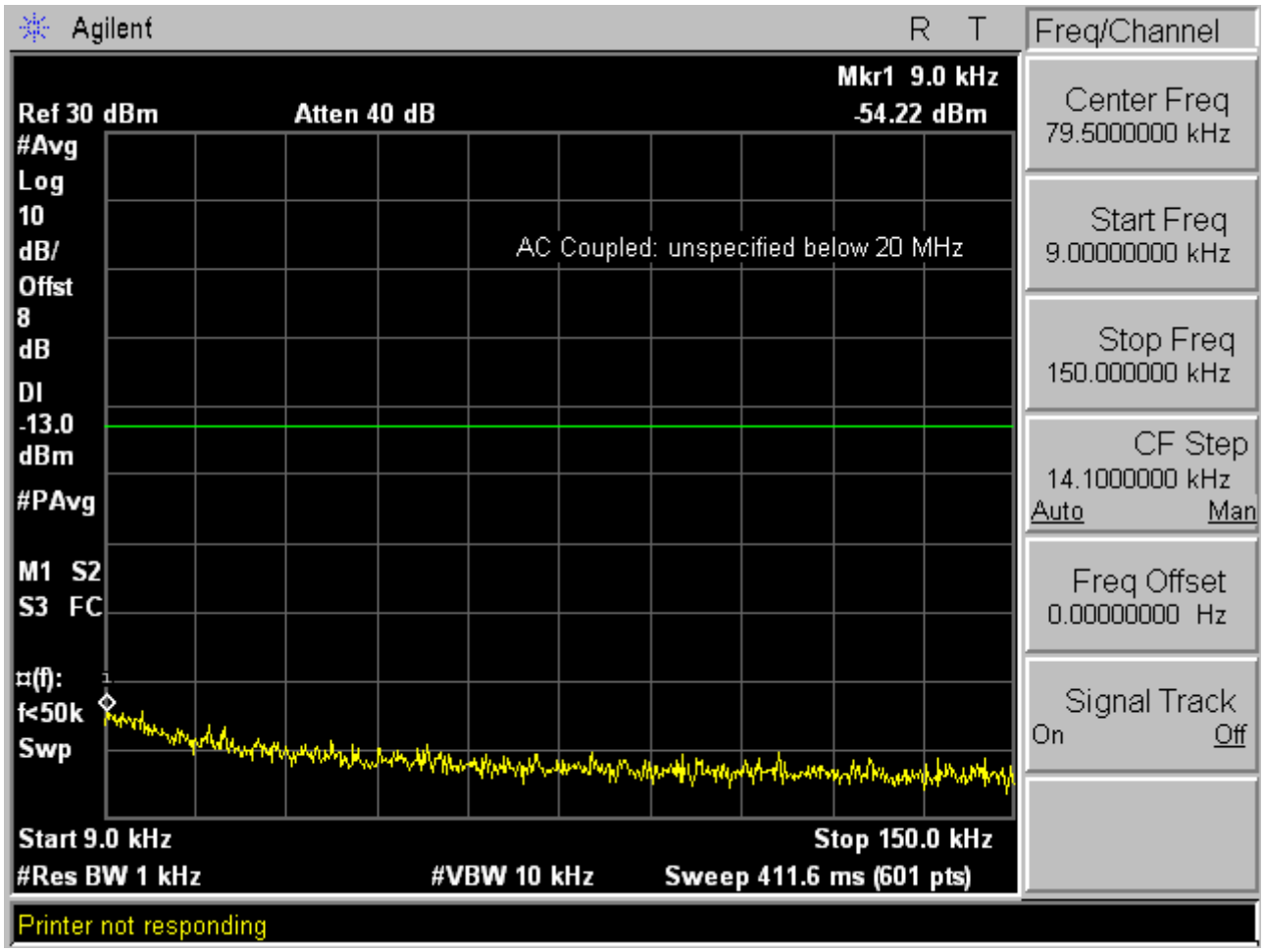

Agilent
R T
Freq/Channel
Mkr1 1.911 GHz
7.80 dBm
Ref 30 dBm
#Atten 40 dB
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
#PAvg
M1 S2
S3 FC
AA
¤(f):
FTun
Swp
Center Freq
1.51500000 GHz
Start Freq
30.0000000 MHz
Stop Freq
3.00000000 GHz
CF Step
297.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Start 30 MHz
Stop 3.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 897.6 ms (601 pts)
Restoration of NVRAM data

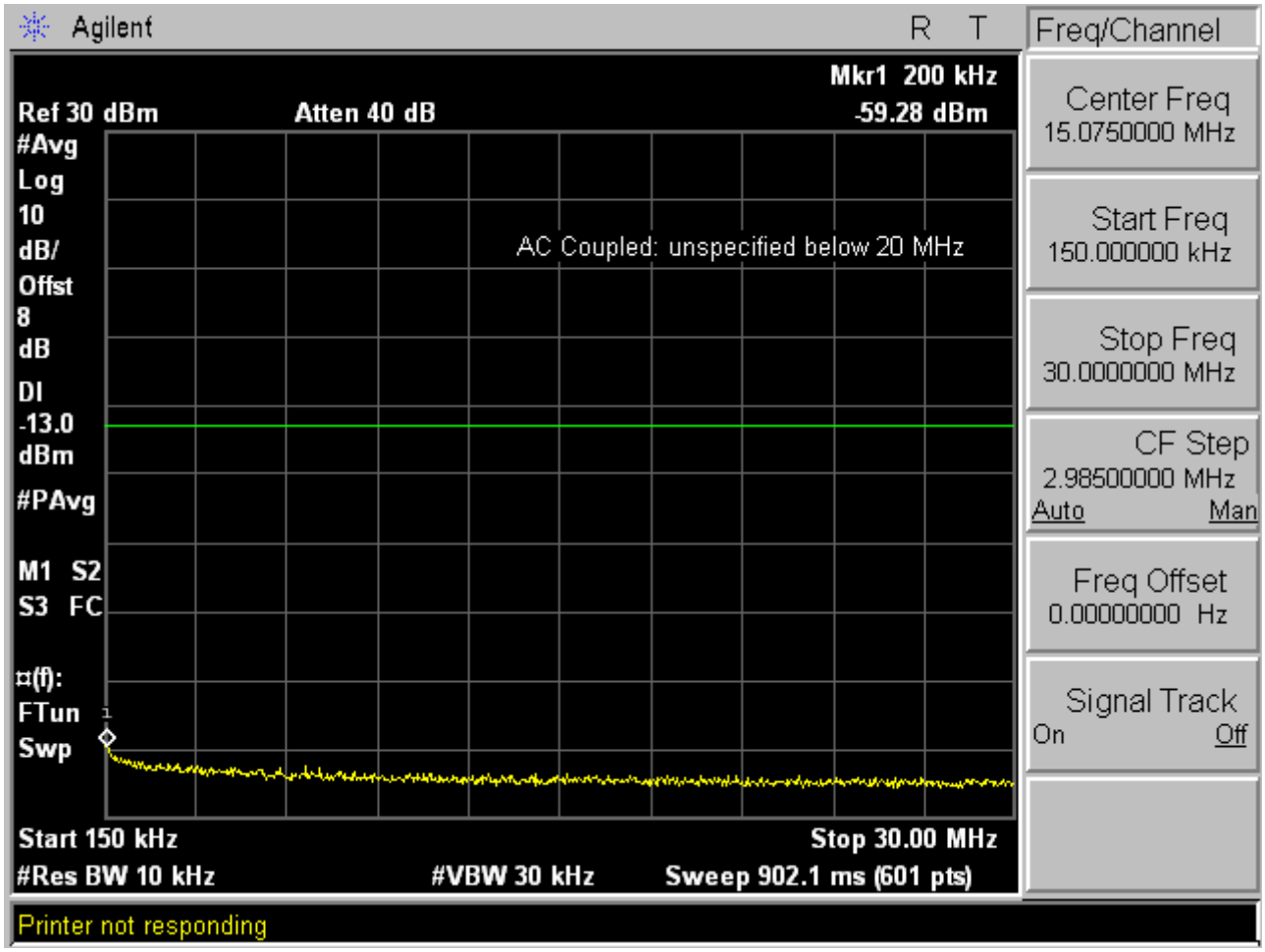


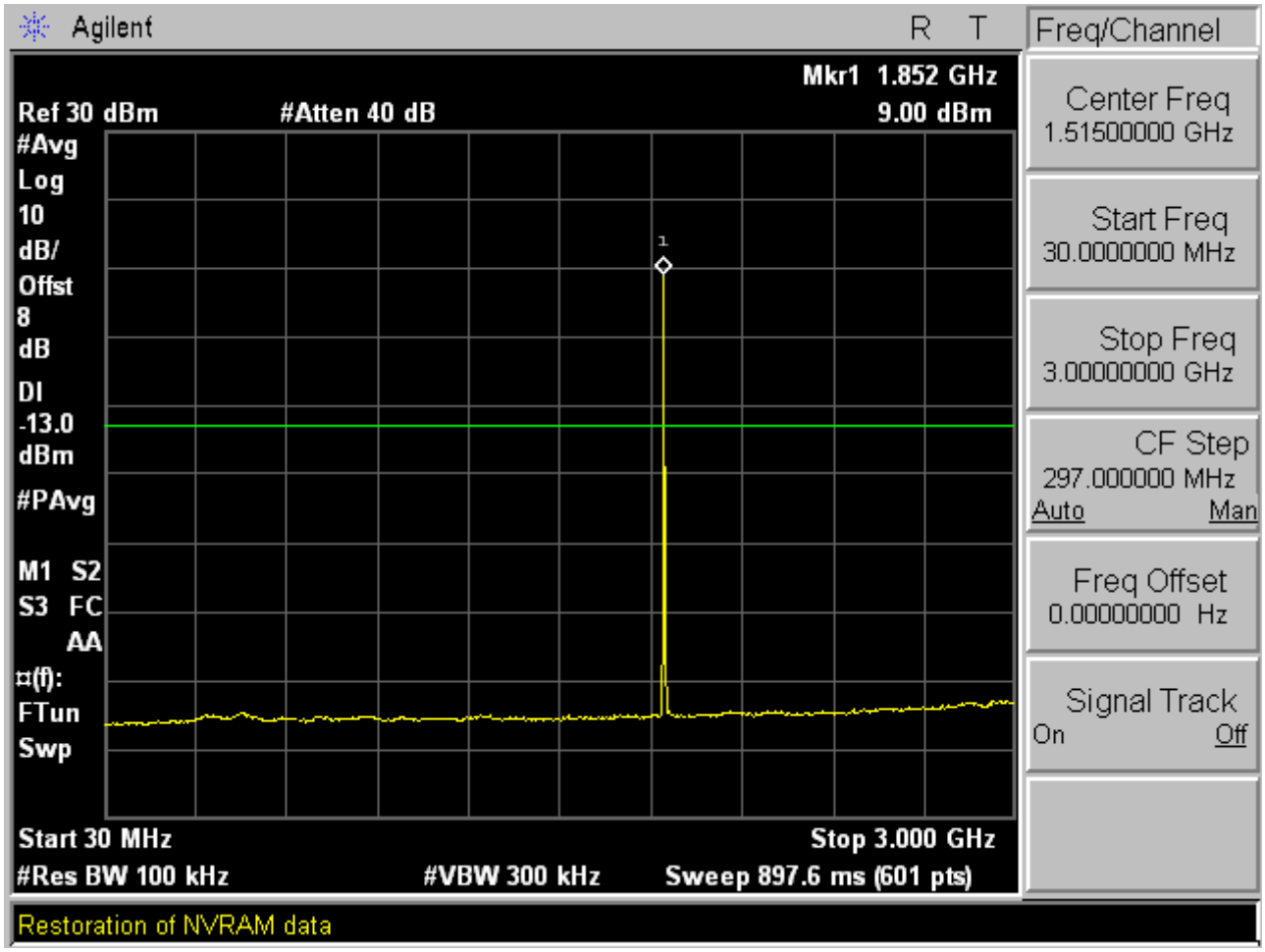
EVDO subtype 2

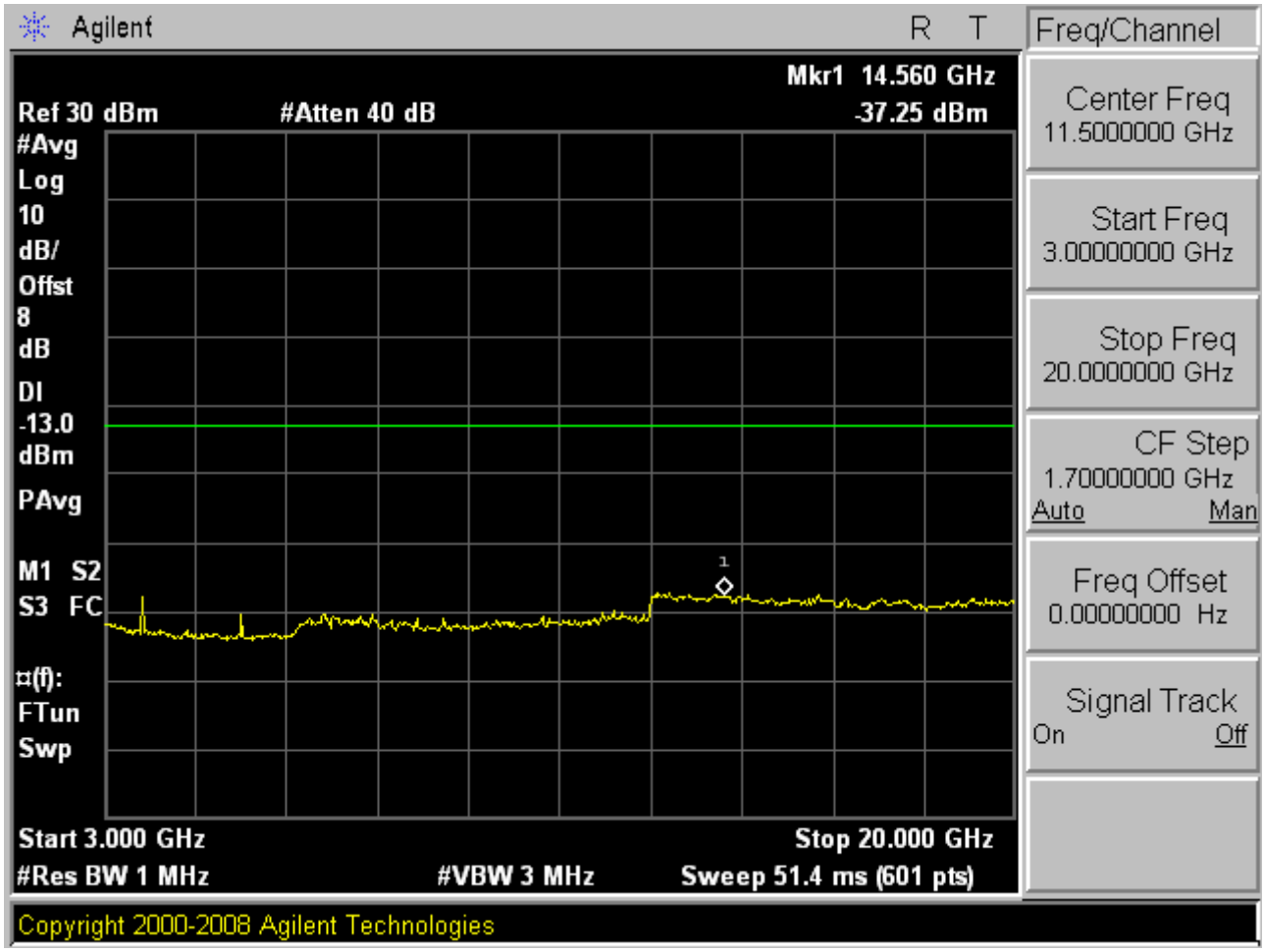
Modulation：HPSK

Channel 25

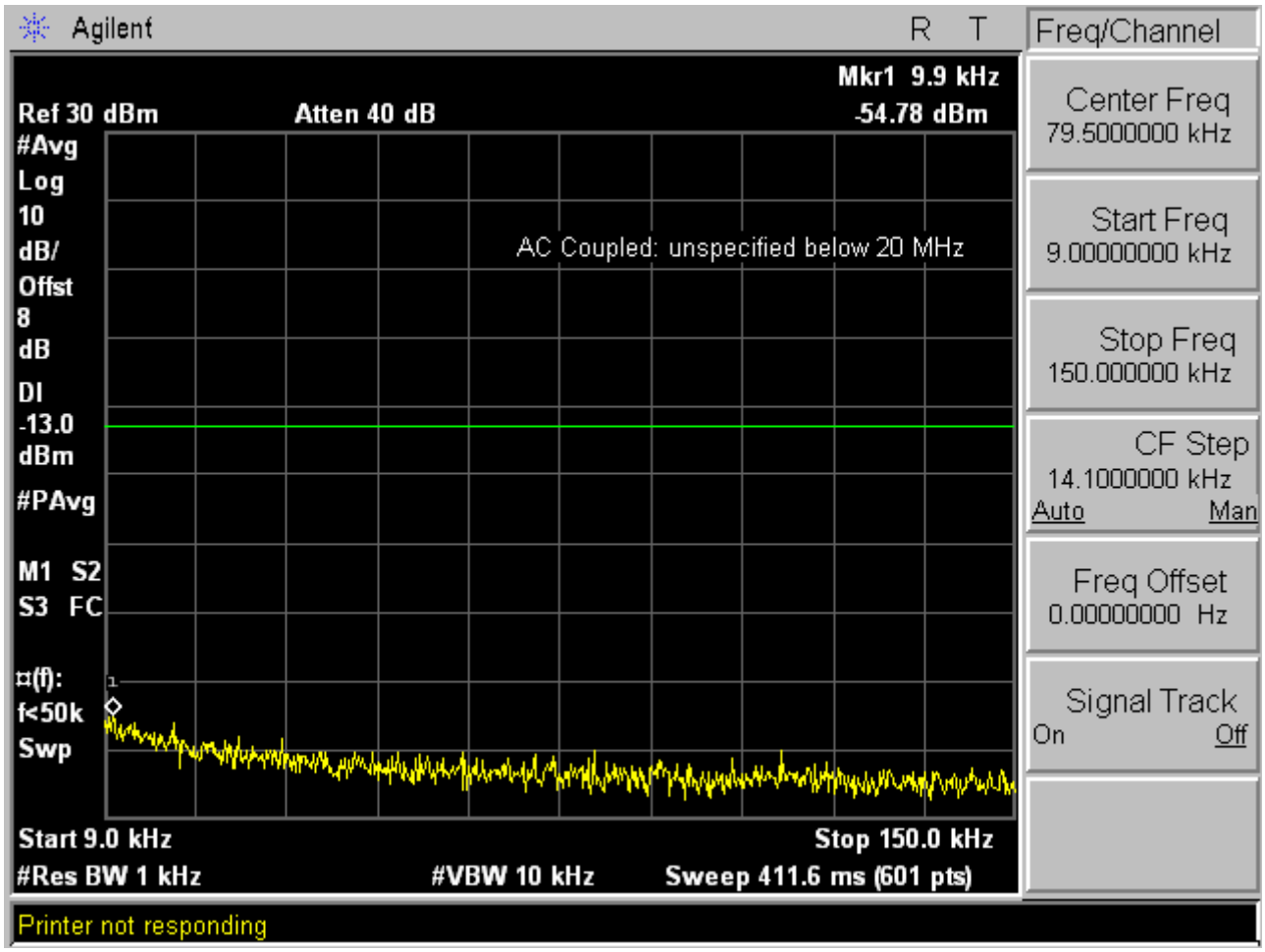


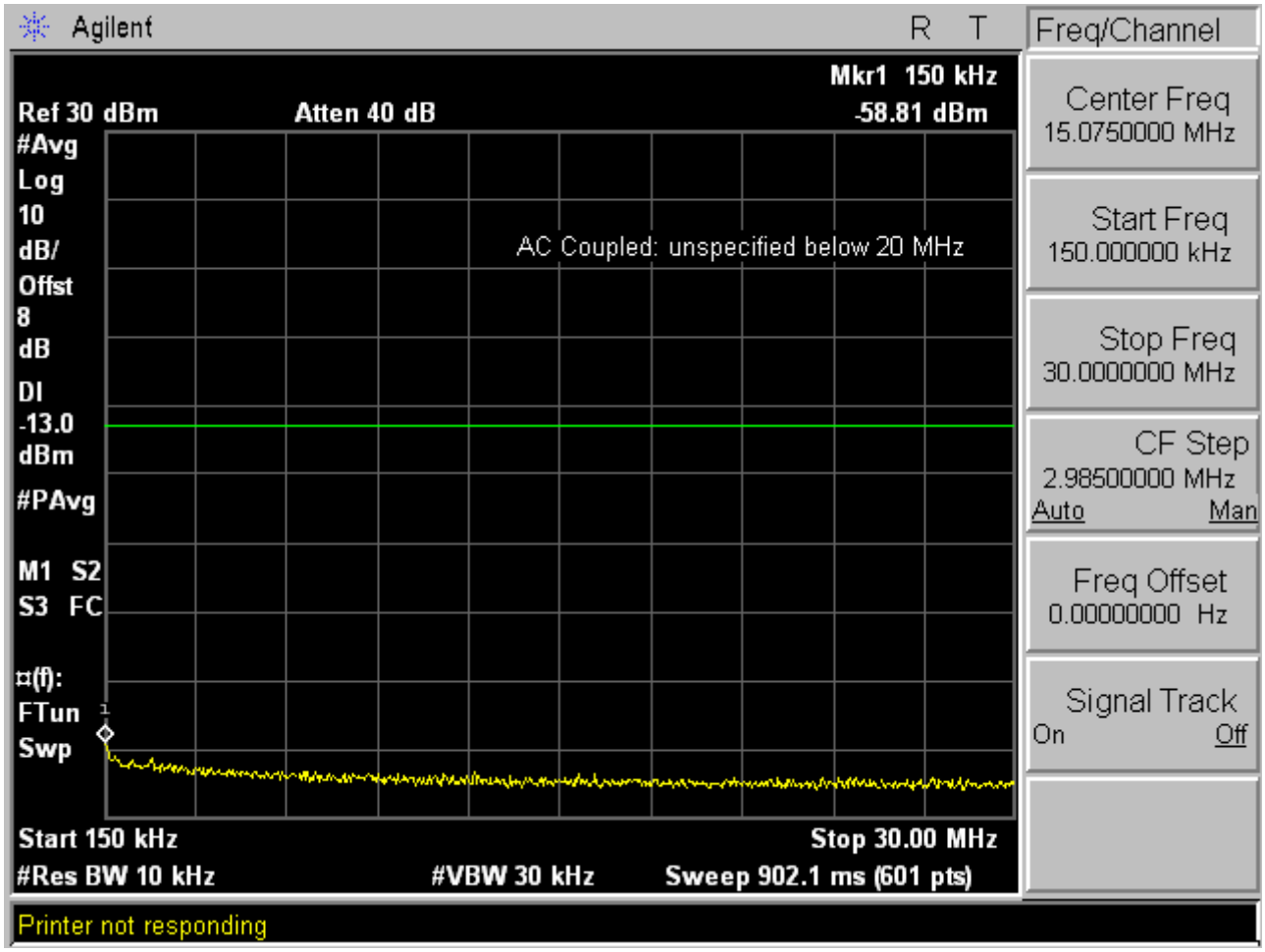

Agilent
R T
Freq/Channel
Mkr1 200 kHz
Ref 30 dBm
Atten 40 dB
-59.28 dBm
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
#PAvg
M1 S2
S3 FC
¤(f):
FTun
Swp
AC Coupled: unspecified below 20 MHz
Center Freq
15.0750000 MHz
Start Freq
150.000000 kHz
Stop Freq
30.0000000 MHz
CF Step
2.98500000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Start 150 kHz
Stop 30.00 MHz
#Res BW 10 kHz
#VBW 30 kHz
Sweep 902.1 ms (601 pts)
Printer not responding

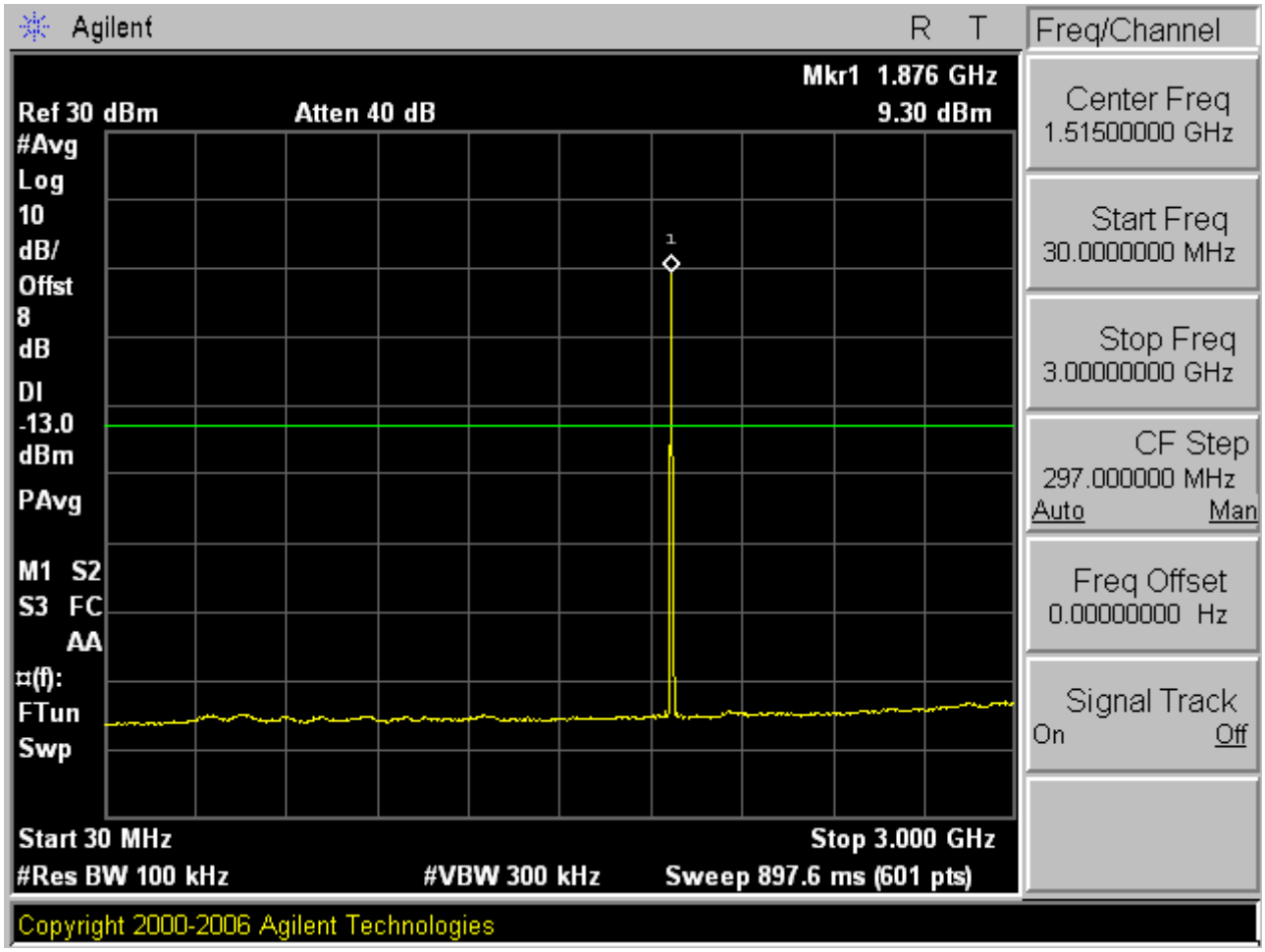

Agilent
R T
Freq/Channel
Mkr1 1.852 GHz
9.00 dBm
Ref 30 dBm
#Atten 40 dB
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
#PAvg
M1 S2
S3 FC
AA
¤(f):
FTun
Swp
Center Freq
1.51500000 GHz
Start Freq
30.0000000 MHz
Stop Freq
3.00000000 GHz
CF Step
297.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Start 30 MHz
Stop 3.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 897.6 ms (601 pts)
Restoration of NVRAM data

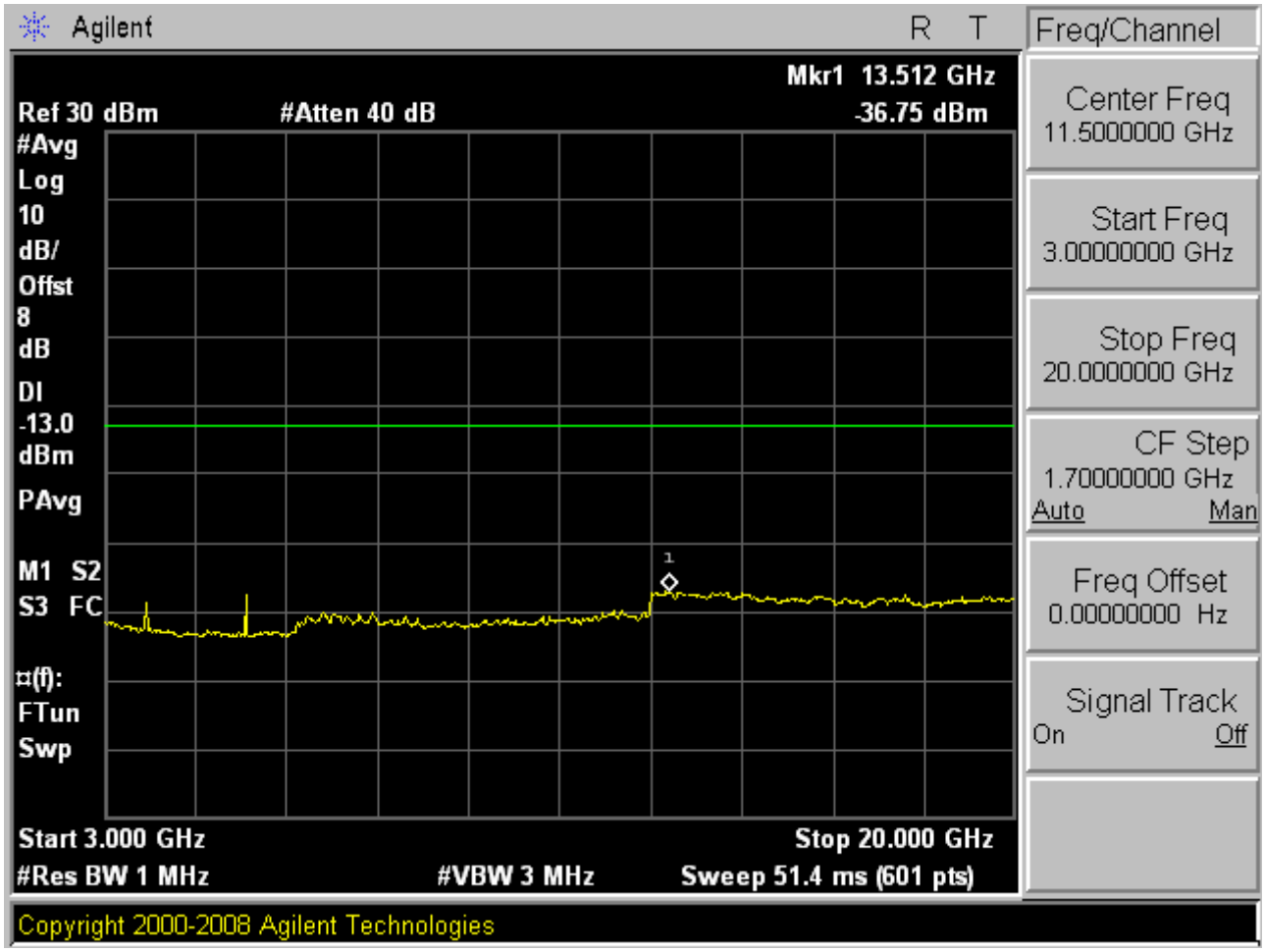

Agilent
R T
Freq/Channel
Mkr1 14.560 GHz
Ref 30 dBm
#Atten 40 dB
-37.25 dBm
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
PAvg
M1 S2
S3 FC
¤(f):
FTun
Swp
Center Freq
11.5000000 GHz
Start Freq
3.00000000 GHz
Stop Freq
20.0000000 GHz
CF Step
1.70000000 GHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Start 3.000 GHz
Stop 20.000 GHz
#Res BW 1 MHz
#VBW 3 MHz
Sweep 51.4 ms (601 pts)
Copyright 2000-2008 Agilent Technologies

Channel 525

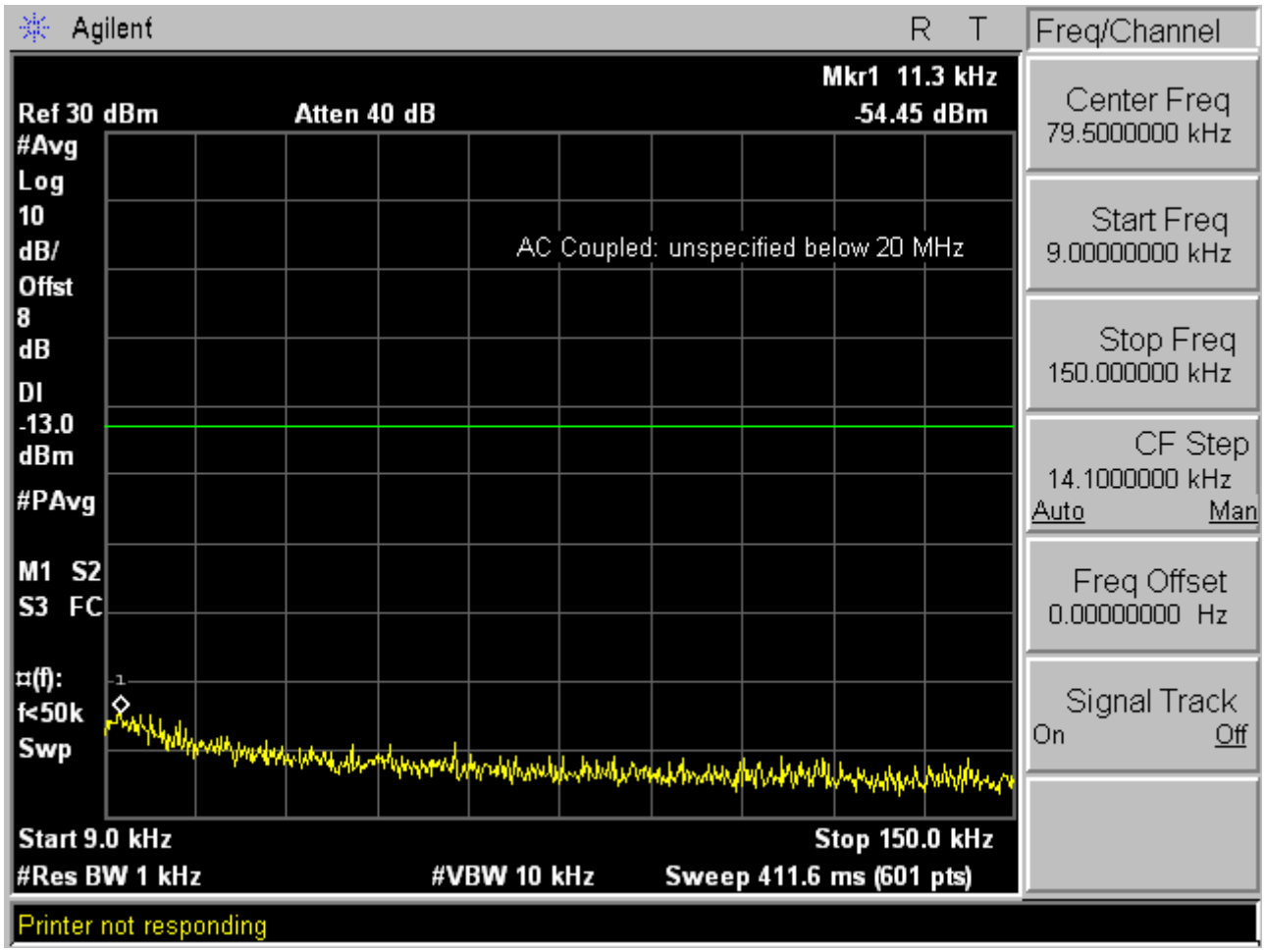

Agilent
R T
Freq/Channel
Mkr1 9.9 kHz
-54.78 dBm
Ref 30 dBm
Atten 40 dB
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
#PAvg
M1 S2
S3 FC
¤(f):
f<50k
Swp
AC Coupled: unspecified below 20 MHz
Start 9.0 kHz
Stop 150.0 kHz
#Res BW 1 kHz
#VBW 10 kHz
Sweep 411.6 ms (601 pts)
Center Freq
79.5000000 kHz
Start Freq
9.00000000 kHz
Stop Freq
150.000000 kHz
CF Step
14.1000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Printer not responding

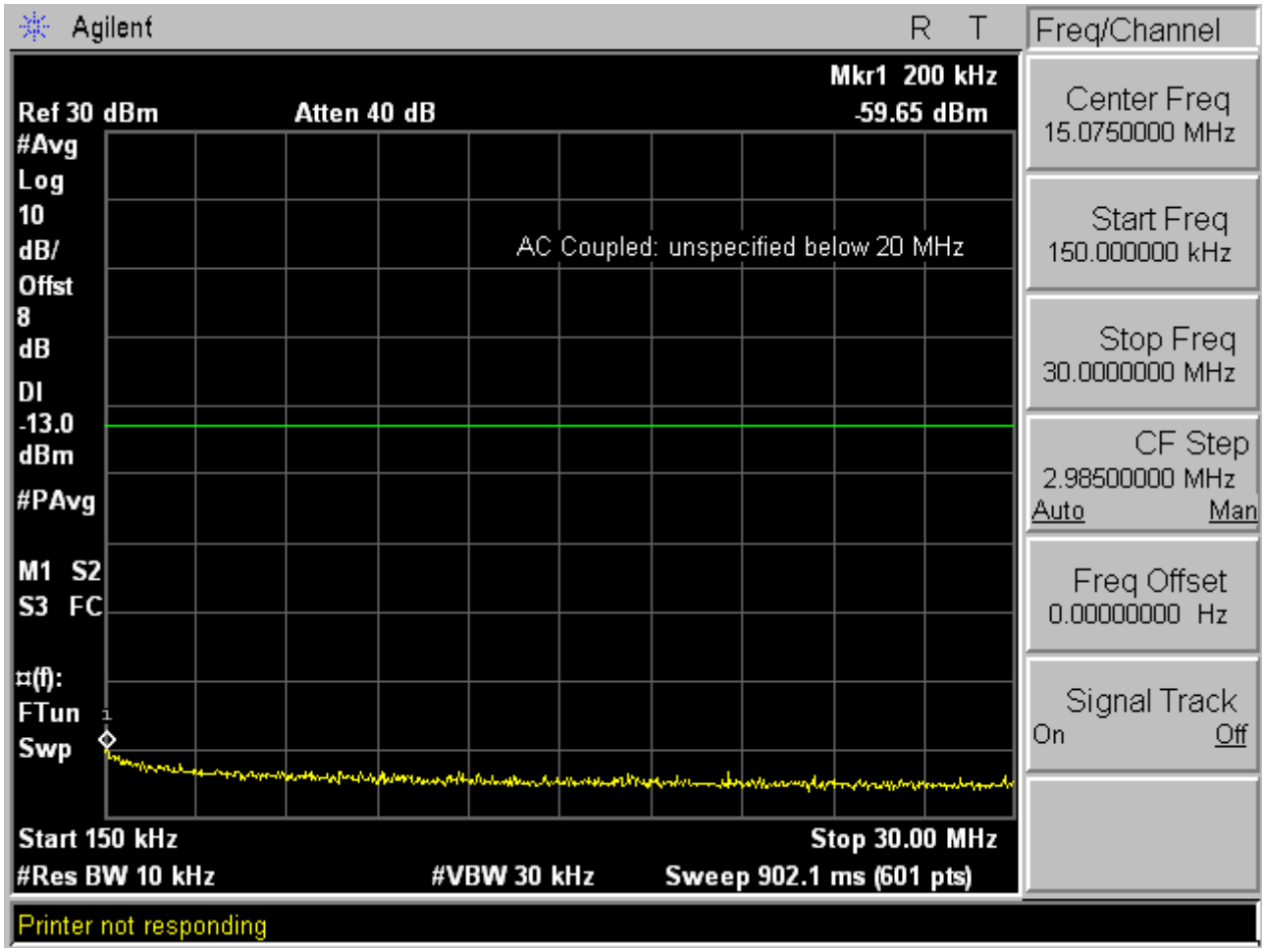

Agilent
R T
Freq/Channel
Mkr1 150 kHz
Ref 30 dBm
Atten 40 dB
-58.81 dBm
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
#PAvg
M1 S2
S3 FC
¤(f):
FTun
Swp
AC Coupled: unspecified below 20 MHz
Start 150 kHz
Stop 30.00 MHz
#Res BW 10 kHz
#VBW 30 kHz
Sweep 902.1 ms (601 pts)
Center Freq
15.0750000 MHz
Start Freq
150.000000 kHz
Stop Freq
30.0000000 MHz
CF Step
2.98500000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Printer not responding

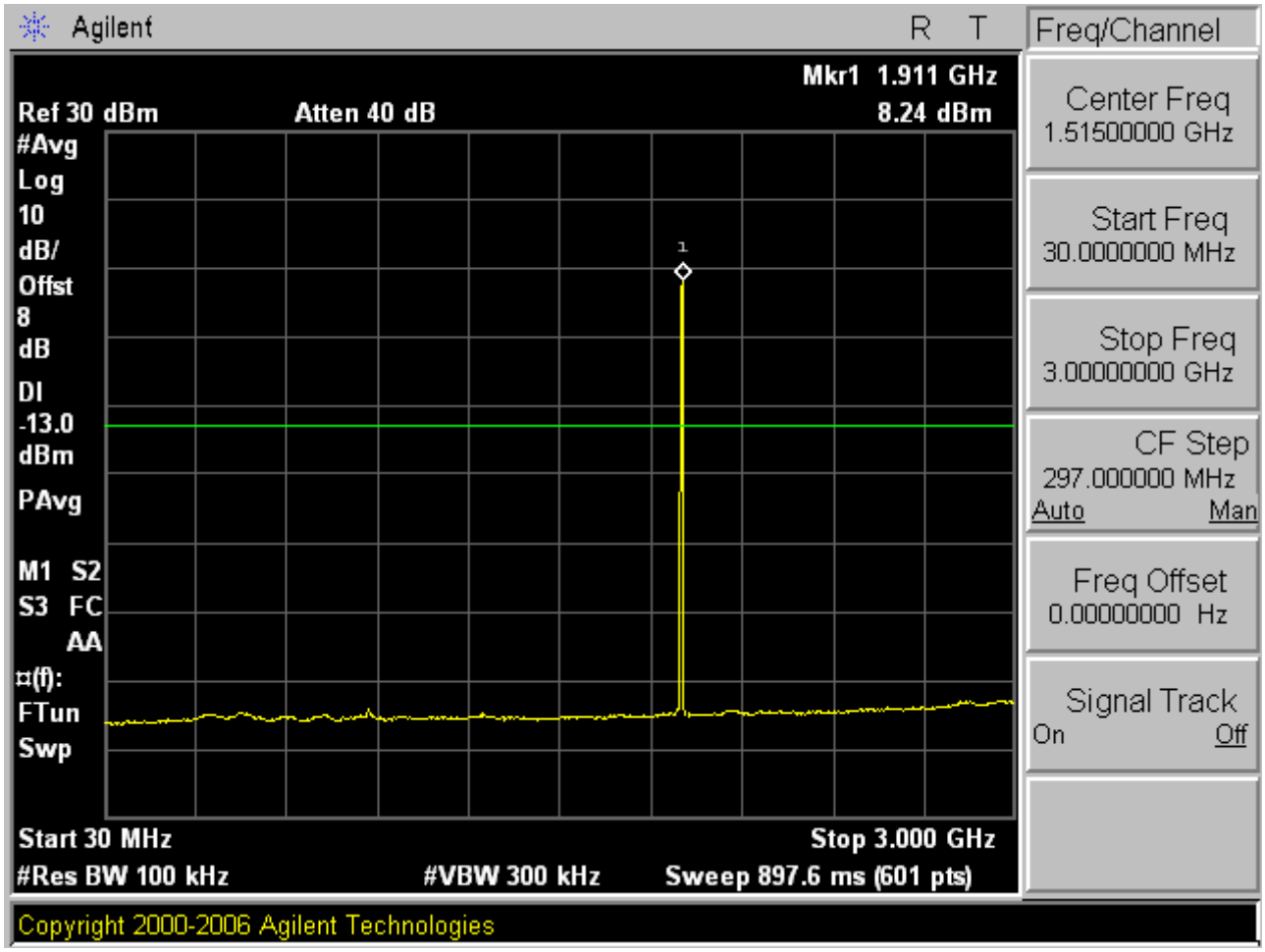

Agilent
R T
Freq/Channel
Mkr1 1.876 GHz
9.30 dBm
Ref 30 dBm
Atten 40 dB
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
PAvg
M1 S2
S3 FC
AA
¤(f):
FTun
Swp
Center Freq
1.51500000 GHz
Start Freq
30.0000000 MHz
Stop Freq
3.00000000 GHz
CF Step
297.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Start 30 MHz
Stop 3.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 897.6 ms (601 pts)
Copyright 2000-2006 Agilent Technologies

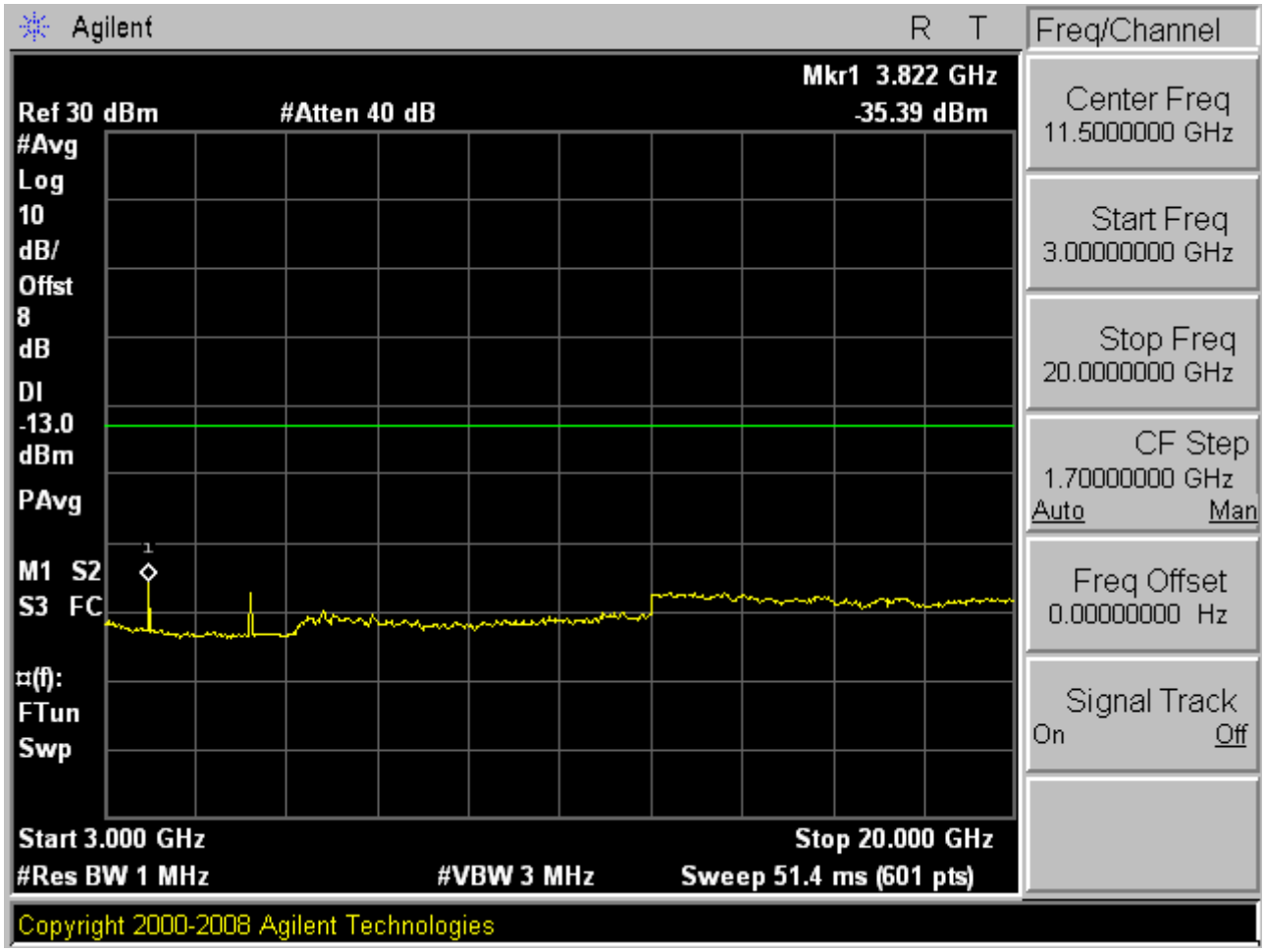


Channel 1175


Agilent
R T
Freq/Channel
Mkr1 11.3 kHz
Ref 30 dBm
Atten 40 dB
-54.45 dBm
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
#PAvg
M1 S2
S3 FC
¤(f):
f<50k
Swp
AC Coupled: unspecified below 20 MHz
Center Freq
79.5000000 kHz
Start Freq
9.00000000 kHz
Stop Freq
150.000000 kHz
CF Step
14.1000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Start 9.0 kHz
Stop 150.0 kHz
#Res BW 1 kHz
#VBW 10 kHz
Sweep 411.6 ms (601 pts)
Printer not responding


Agilent
R T
Freq/Channel
Mkr1 200 kHz
Ref 30 dBm
Atten 40 dB
-59.65 dBm
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
#PAvg
M1 S2
S3 FC
¤(f):
FTun
Swp
AC Coupled: unspecified below 20 MHz
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
Start 150 kHz
Stop 30.00 MHz
#Res BW 10 kHz
#VBW 30 kHz
Sweep 902.1 ms (601 pts)
Printer not responding

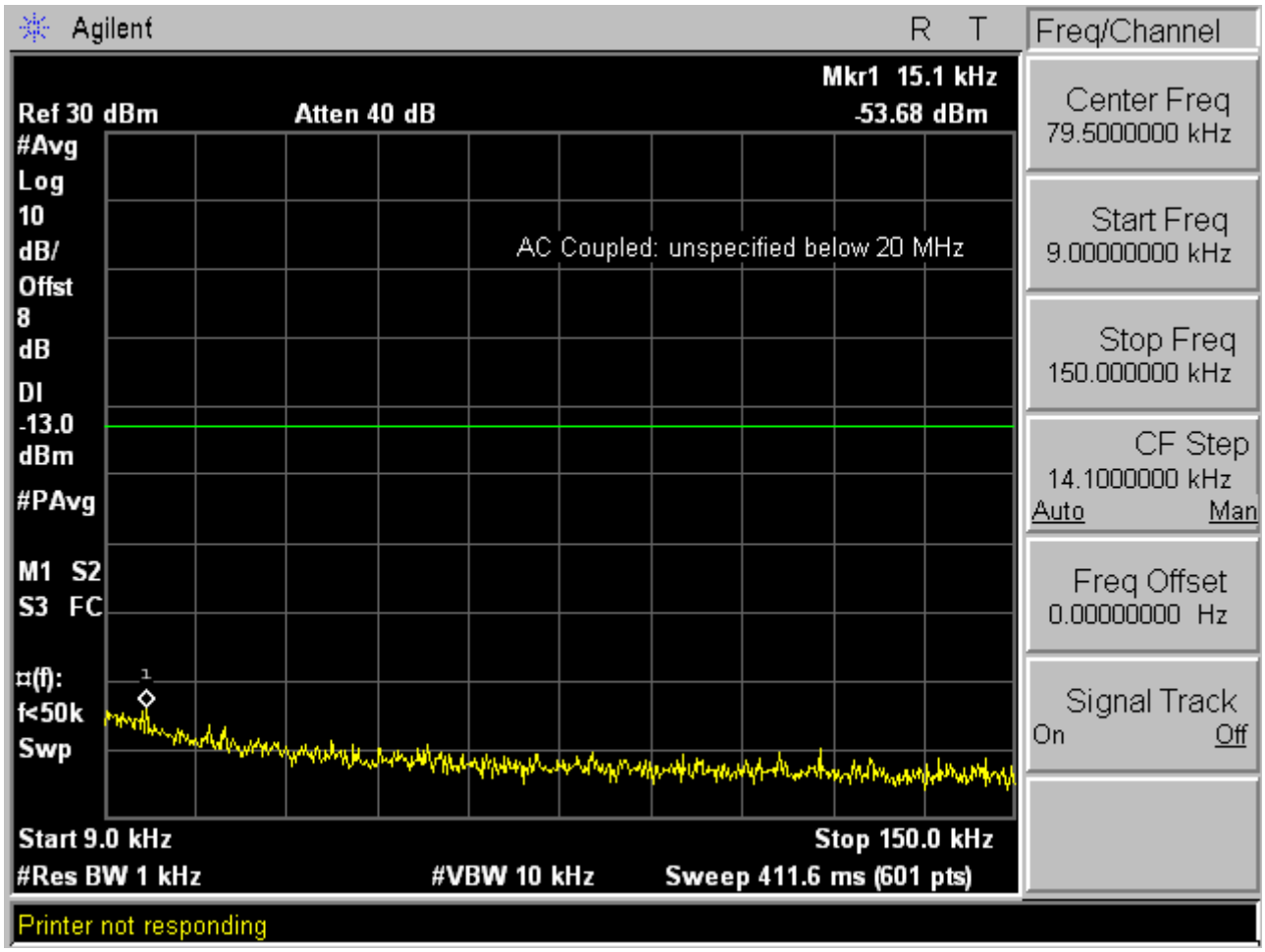

Agilent
R T
Freq/Channel
Mkr1 1.911 GHz
8.24 dBm
Ref 30 dBm
Atten 40 dB
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
PAvg
M1 S2
S3 FC
AA
¤(f):
FTun
Swp
Center Freq
1.51500000 GHz
Start Freq
30.0000000 MHz
Stop Freq
3.00000000 GHz
CF Step
297.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Start 30 MHz
Stop 3.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 897.6 ms (601 pts)
Copyright 2000-2006 Agilent Technologies

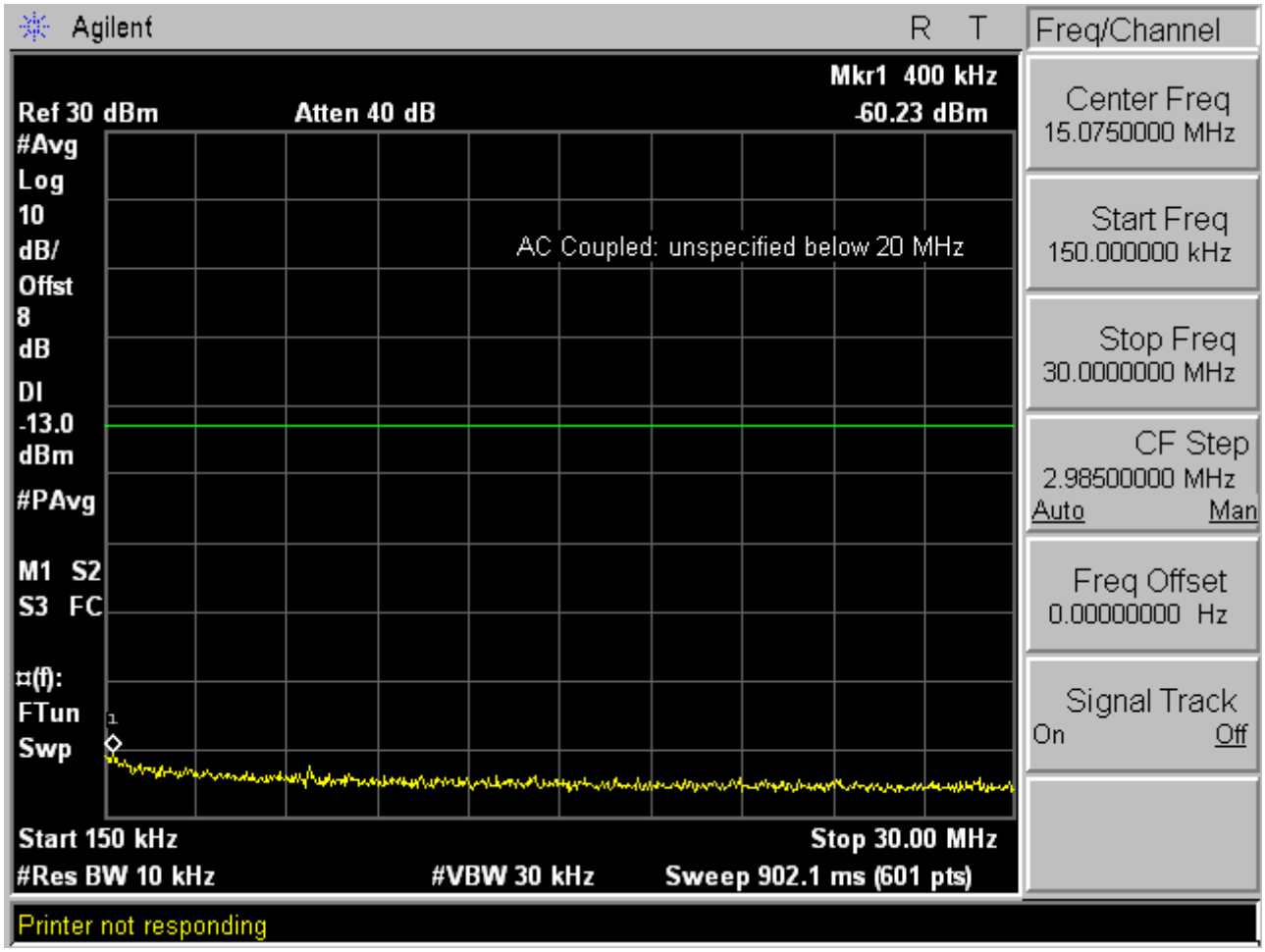


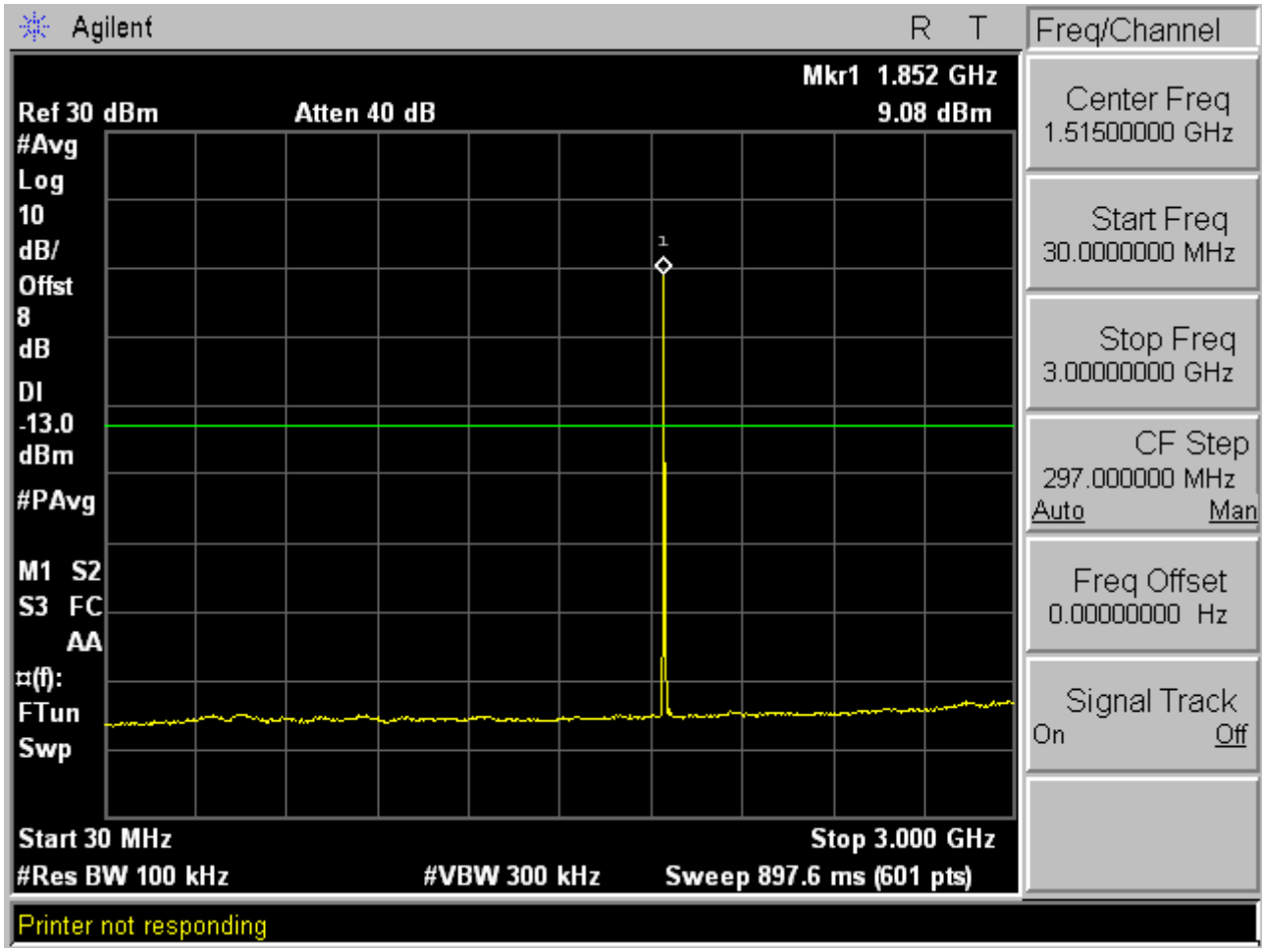
EVDO subtype 2

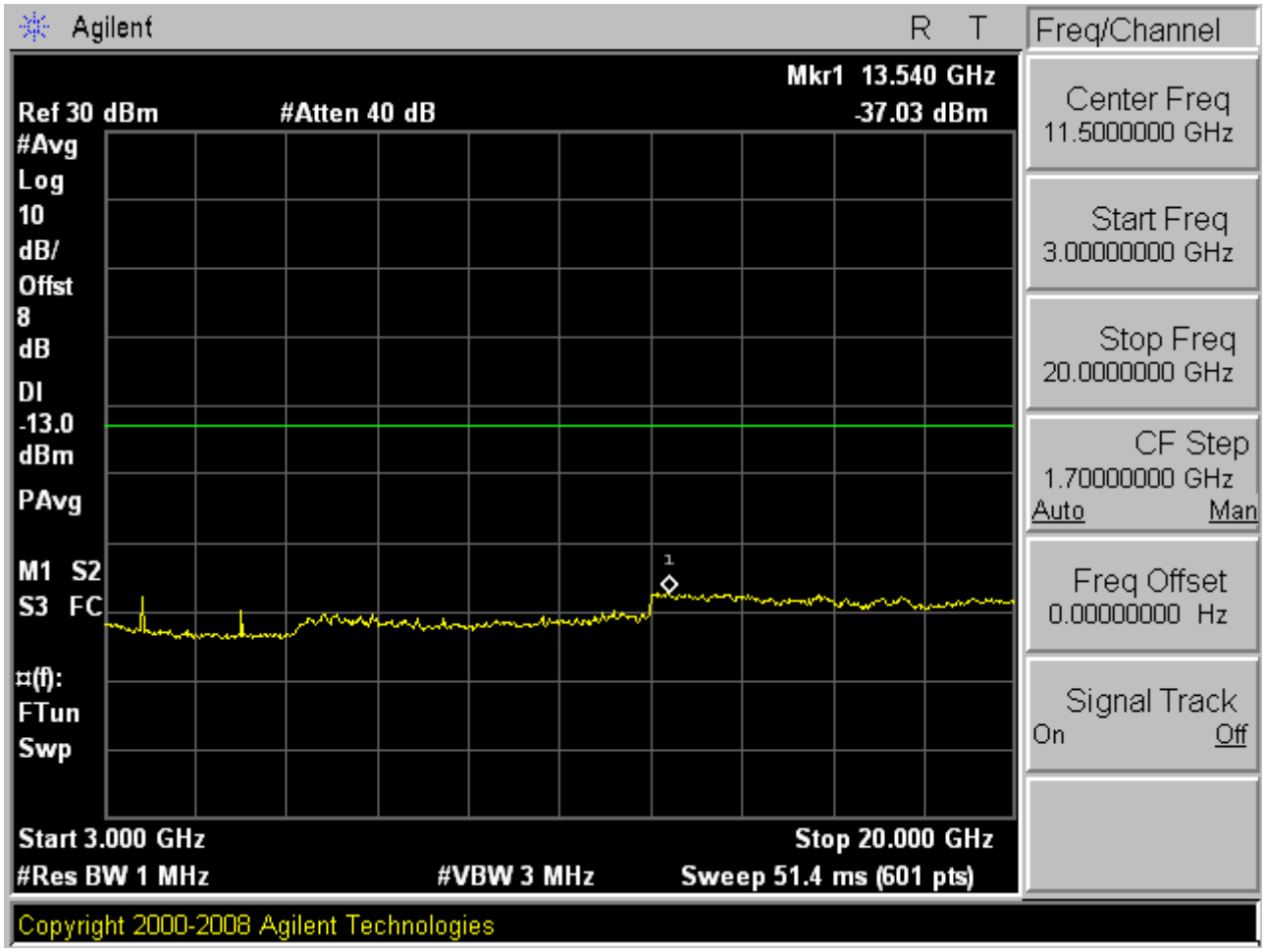
Modulation：QPSK

Channel 25

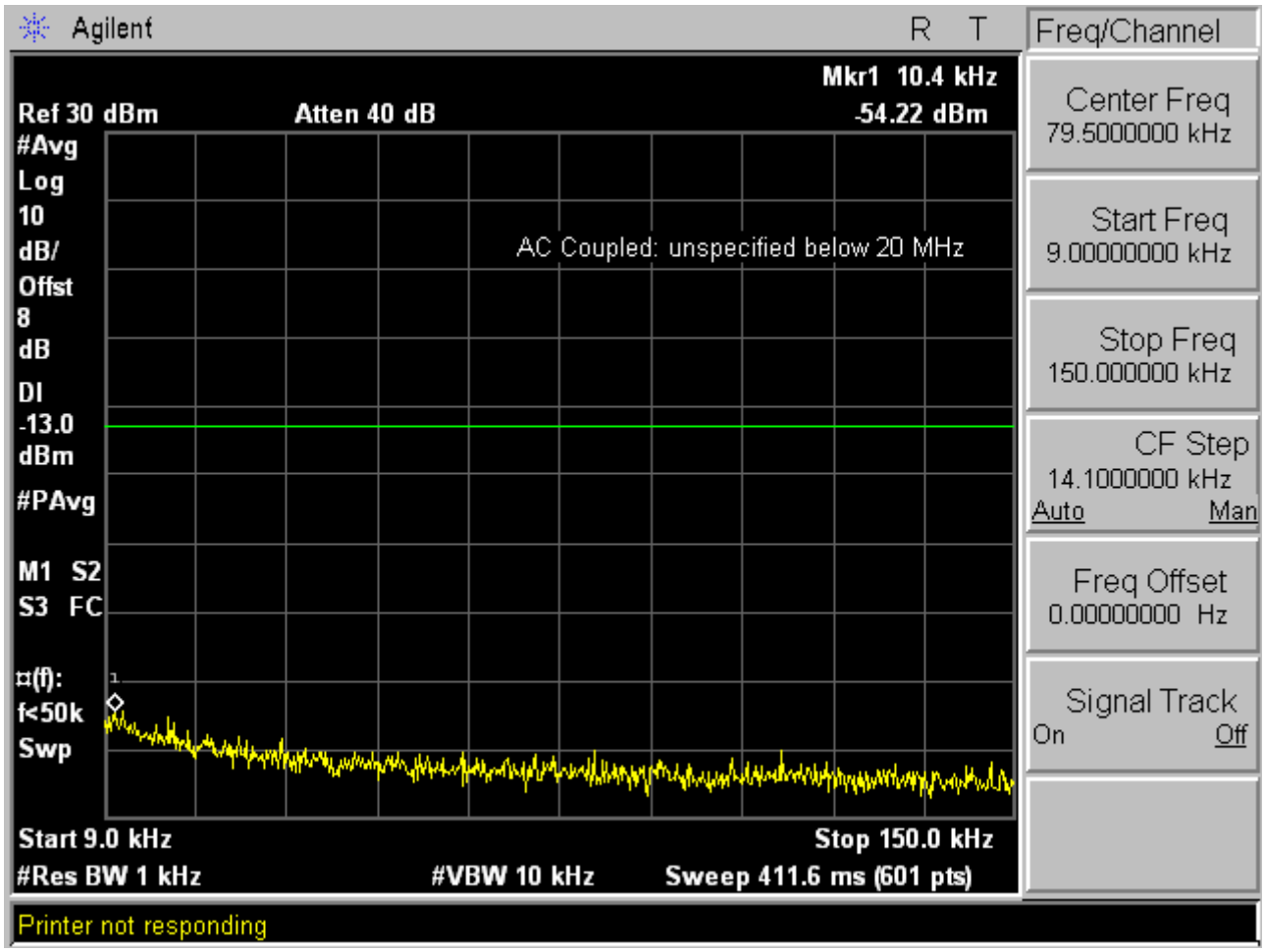


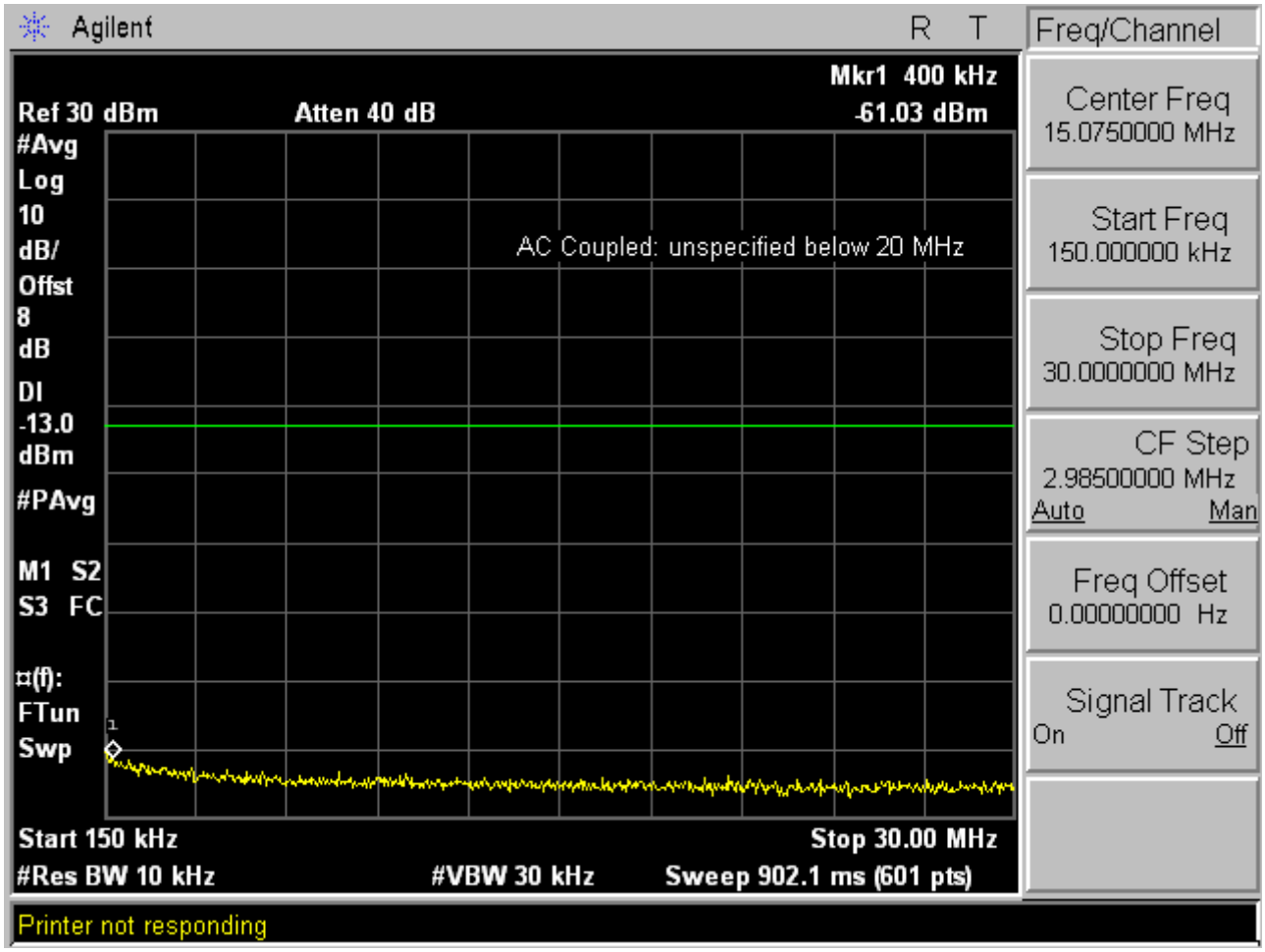

Agilent
R T
Freq/Channel
Mkr1 400 kHz
Ref 30 dBm
Atten 40 dB
-60.23 dBm
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
#PAvg
M1 S2
S3 FC
¤(f):
FTun
Swp
AC Coupled: unspecified below 20 MHz
Center Freq
15.0750000 MHz
Start Freq
150.000000 kHz
Stop Freq
30.0000000 MHz
CF Step
2.98500000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Start 150 kHz
Stop 30.00 MHz
#Res BW 10 kHz
#VBW 30 kHz
Sweep 902.1 ms (601 pts)
Printer not responding

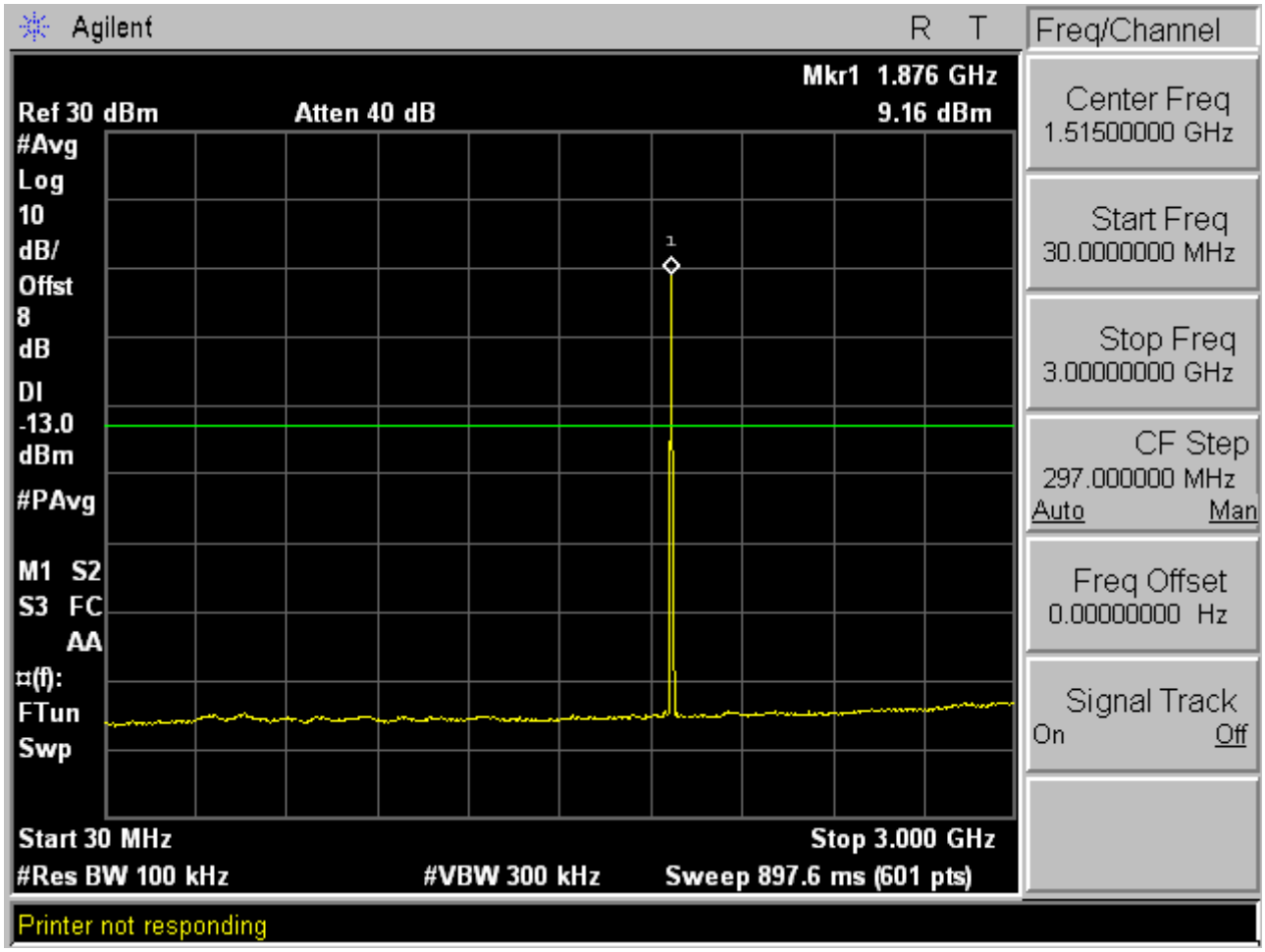

Agilent
R T
Freq/Channel
Mkr1 1.852 GHz
9.08 dBm
Ref 30 dBm
Atten 40 dB
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
#PAvg
M1 S2
S3 FC
AA
¤(f):
FTun
Swp
Center Freq
1.51500000 GHz
Start Freq
30.0000000 MHz
Stop Freq
3.00000000 GHz
CF Step
297.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Start 30 MHz
Stop 3.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 897.6 ms (601 pts)
Printer not responding

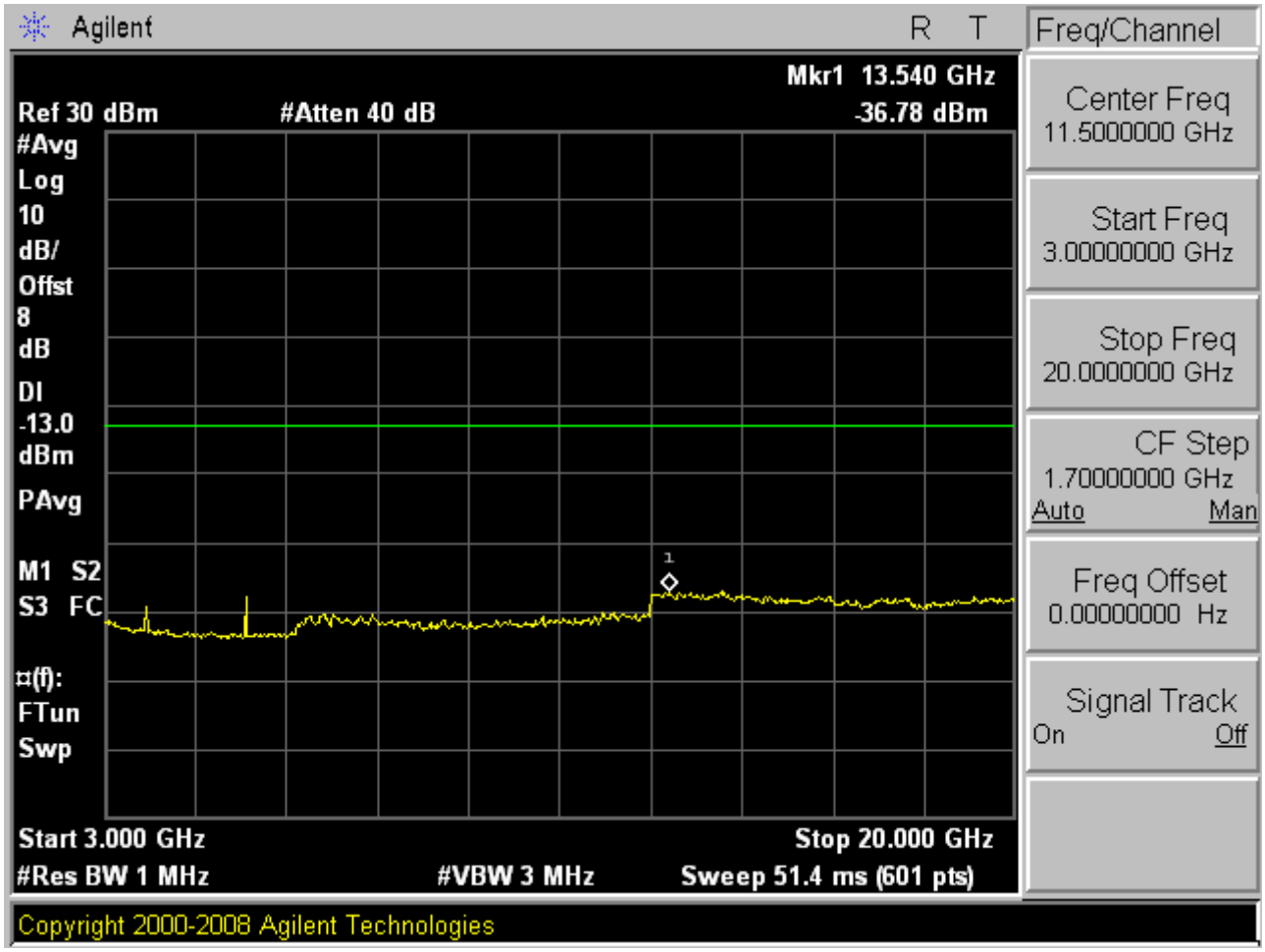

Agilent
R T
Freq/Channel
Mkr1 13.540 GHz
Ref 30 dBm
#Atten 40 dB
-37.03 dBm
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
PAvg
M1 S2
S3 FC
¤(f):
FTun
Swp
Center Freq
11.5000000 GHz
Start Freq
3.00000000 GHz
Stop Freq
20.0000000 GHz
CF Step
1.70000000 GHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Start 3.000 GHz
Stop 20.000 GHz
#Res BW 1 MHz
#VBW 3 MHz
Sweep 51.4 ms (601 pts)
Copyright 2000-2008 Agilent Technologies

Channel 525

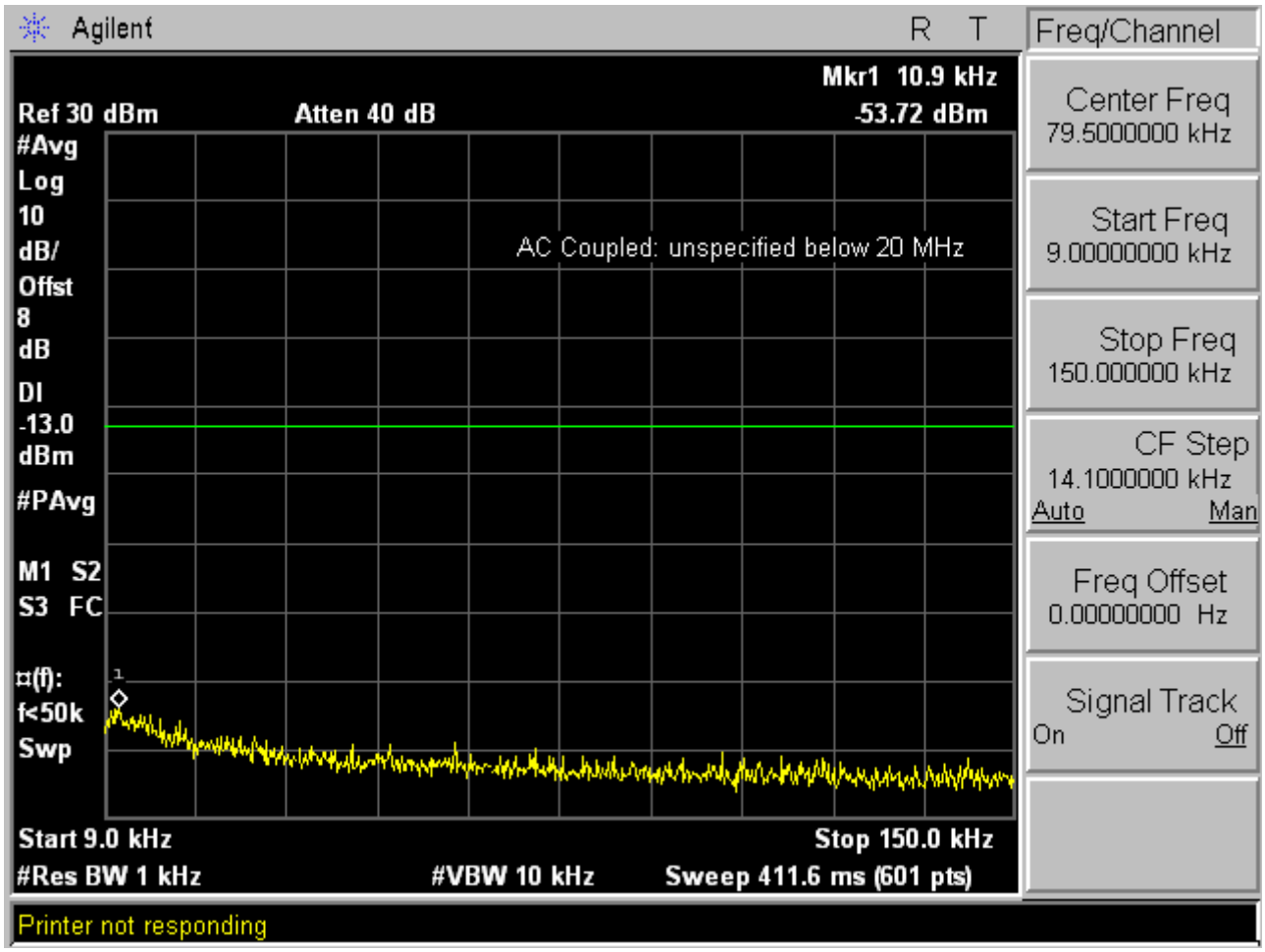

Agilent
R T
Freq/Channel
Mkr1 10.4 kHz
Ref 30 dBm
Atten 40 dB
-54.22 dBm
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
#PAvg
M1 S2
S3 FC
¤(f):
f<50k
Swp
AC Coupled: unspecified below 20 MHz
Center Freq
79.5000000 kHz
Start Freq
9.00000000 kHz
Stop Freq
150.000000 kHz
CF Step
14.1000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Start 9.0 kHz
Stop 150.0 kHz
#Res BW 1 kHz
#VBW 10 kHz
Sweep 411.6 ms (601 pts)
Printer not responding

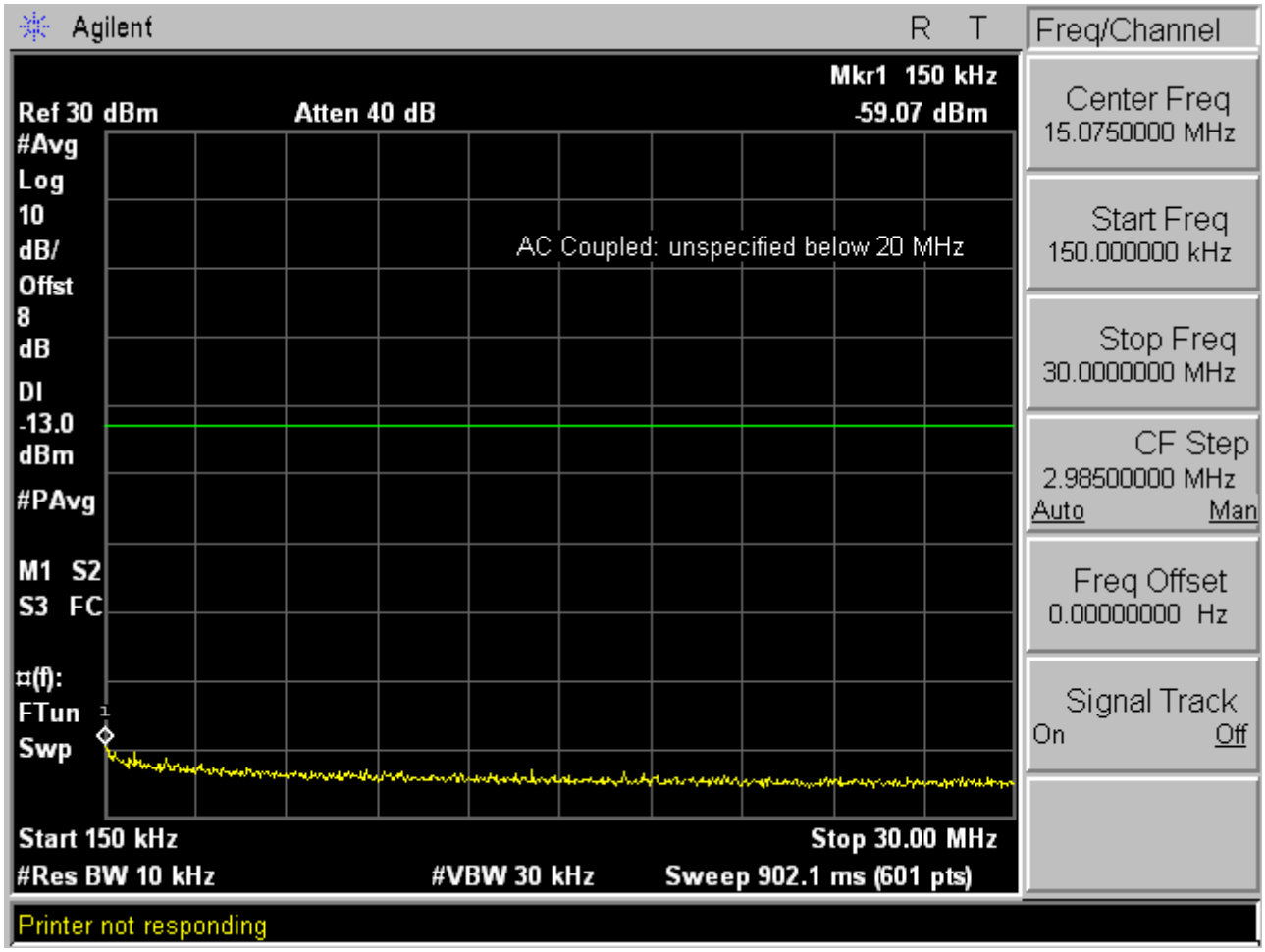

Agilent
R T
Freq/Channel
Mkr1 400 kHz
Ref 30 dBm
Atten 40 dB
-61.03 dBm
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
#PAvg
M1 S2
S3 FC
¤(f):
FTun
Swp
AC Coupled: unspecified below 20 MHz
Start 150 kHz
Stop 30.00 MHz
#Res BW 10 kHz
#VBW 30 kHz
Sweep 902.1 ms (601 pts)
Center Freq
15.0750000 MHz
Start Freq
150.000000 kHz
Stop Freq
30.0000000 MHz
CF Step
2.98500000 MHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Printer not responding

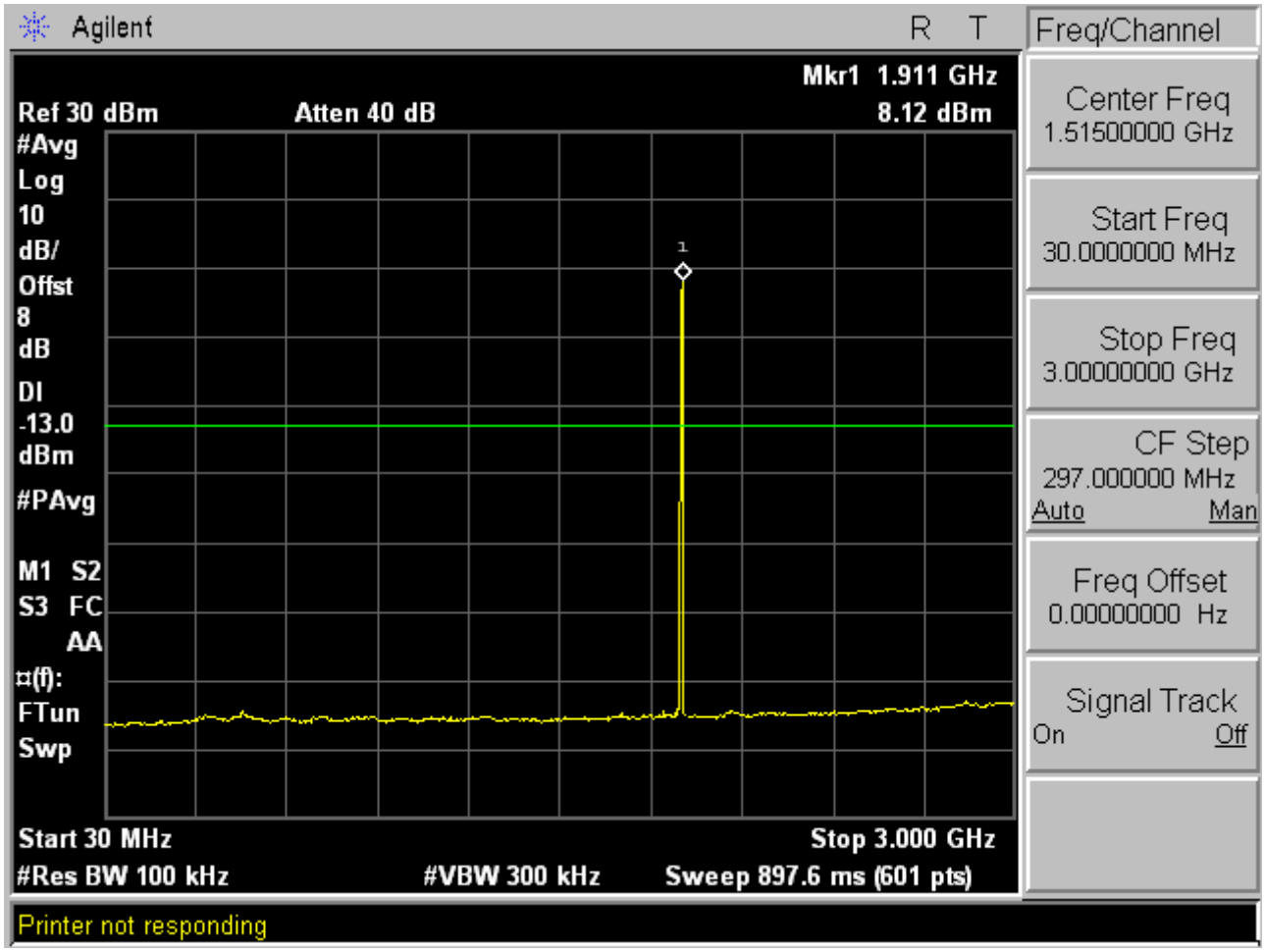

Agilent
R T
Freq/Channel
Mkr1 1.876 GHz
9.16 dBm
Ref 30 dBm
Atten 40 dB
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
#PAvg
M1 S2
S3 FC
AA
¤(f):
FTun
Swp
Center Freq
1.51500000 GHz
Start Freq
30.0000000 MHz
Stop Freq
3.00000000 GHz
CF Step
297.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Start 30 MHz
Stop 3.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 897.6 ms (601 pts)
Printer not responding

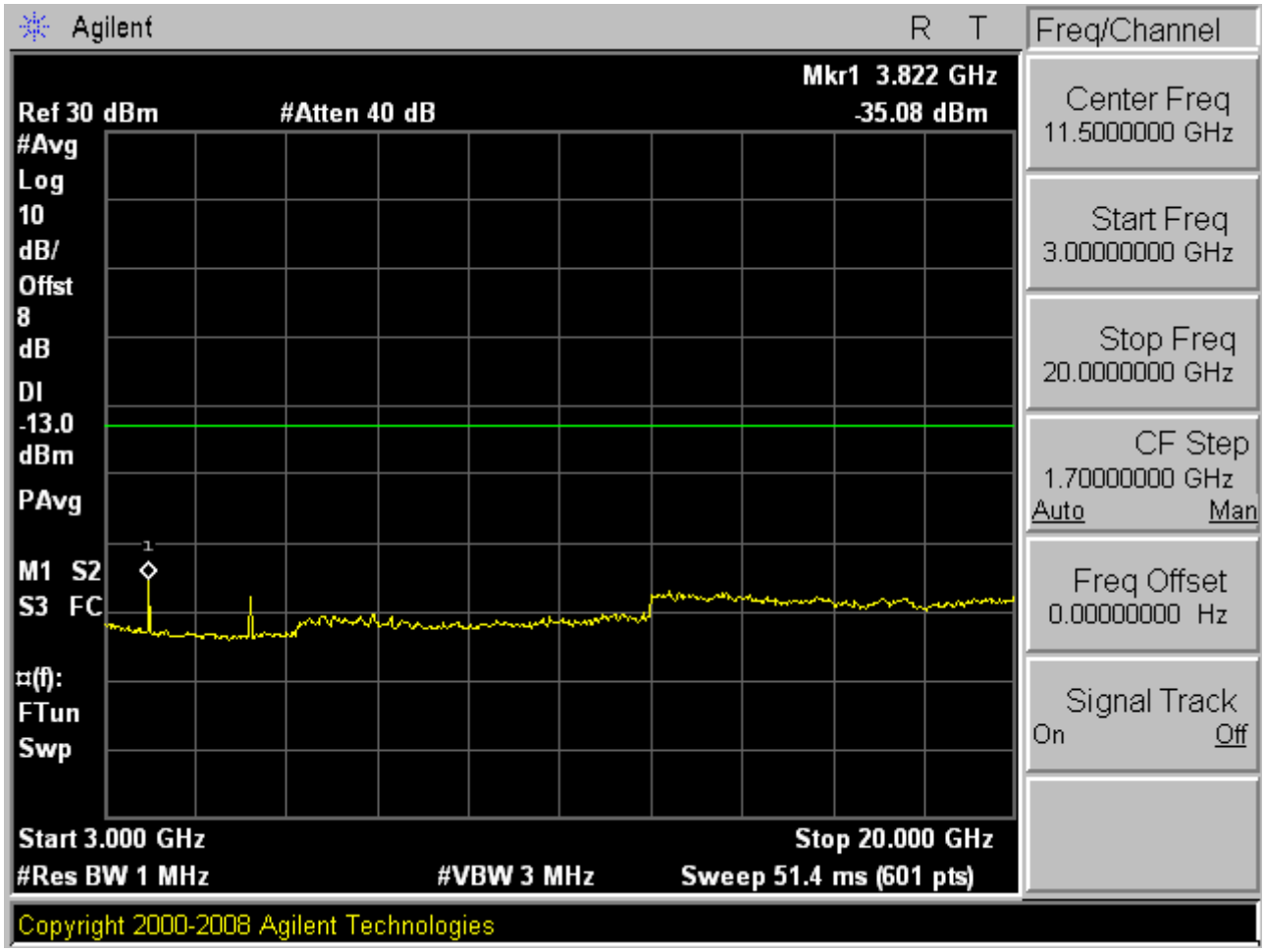


Channel 1175


Agilent
R T
Freq/Channel
Mkr1 10.9 kHz
Ref 30 dBm
Atten 40 dB
-53.72 dBm
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
#PAvg
M1 S2
S3 FC
¤(f):
f<50k
Swp
AC Coupled: unspecified below 20 MHz
Center Freq
79.5000000 kHz
Start Freq
9.00000000 kHz
Stop Freq
150.000000 kHz
CF Step
14.1000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Start 9.0 kHz
Stop 150.0 kHz
#Res BW 1 kHz
#VBW 10 kHz
Sweep 411.6 ms (601 pts)
Printer not responding


Agilent
R T
Freq/Channel
Mkr1 150 kHz
Ref 30 dBm
Atten 40 dB
-59.07 dBm
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
#PAvg
M1 S2
S3 FC
¤(f):
FTun
Swp
AC Coupled: unspecified below 20 MHz
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
Start 150 kHz
Stop 30.00 MHz
#Res BW 10 kHz
#VBW 30 kHz
Sweep 902.1 ms (601 pts)
Printer not responding

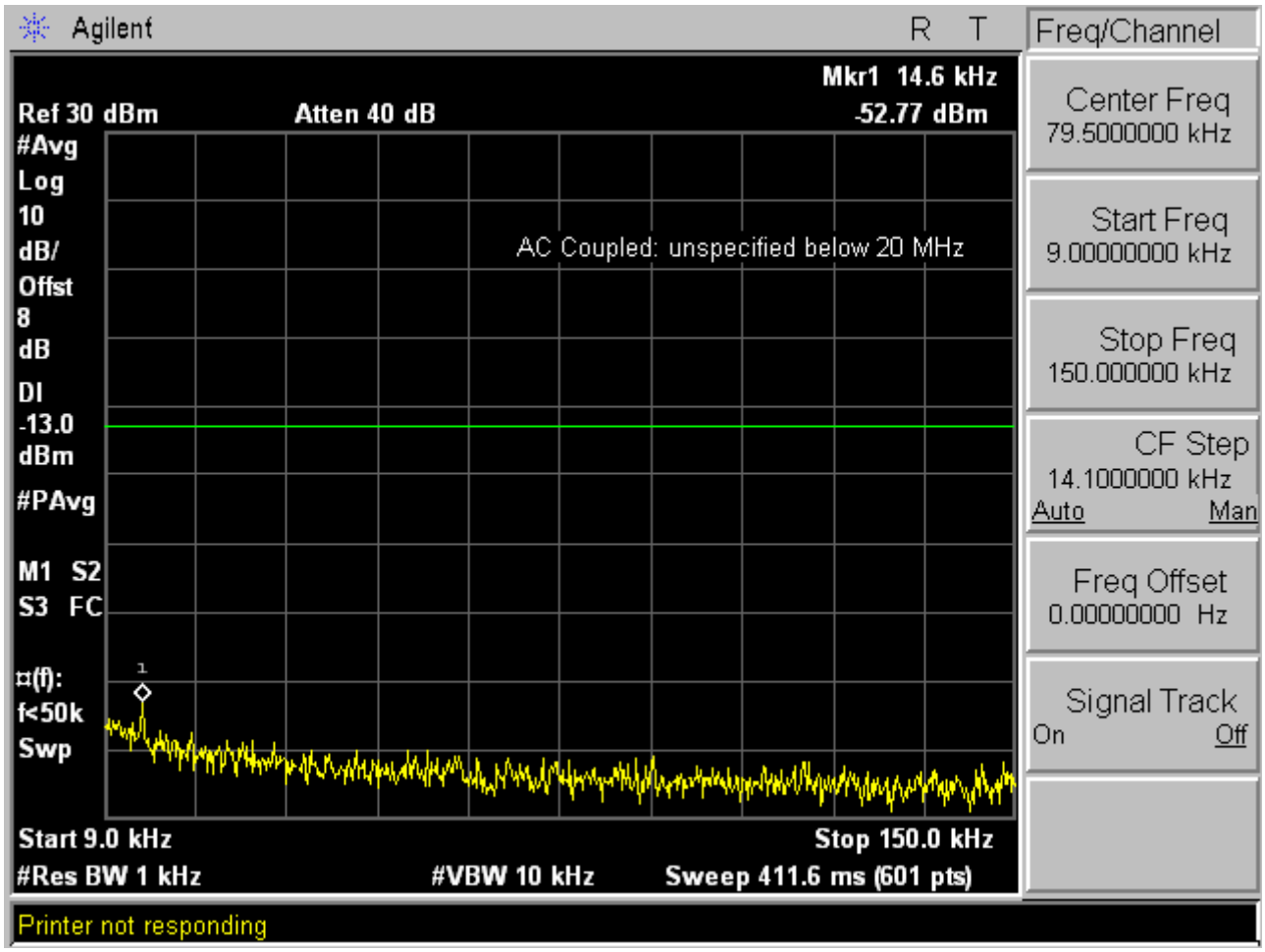

Agilent
R T
Freq/Channel
Mkr1 1.911 GHz
8.12 dBm
Ref 30 dBm
Atten 40 dB
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
#PAvg
M1 S2
S3 FC
AA
¤(f):
FTun
Swp
Center Freq
1.51500000 GHz
Start Freq
30.0000000 MHz
Stop Freq
3.00000000 GHz
CF Step
297.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Start 30 MHz
Stop 3.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 897.6 ms (601 pts)
Printer not responding

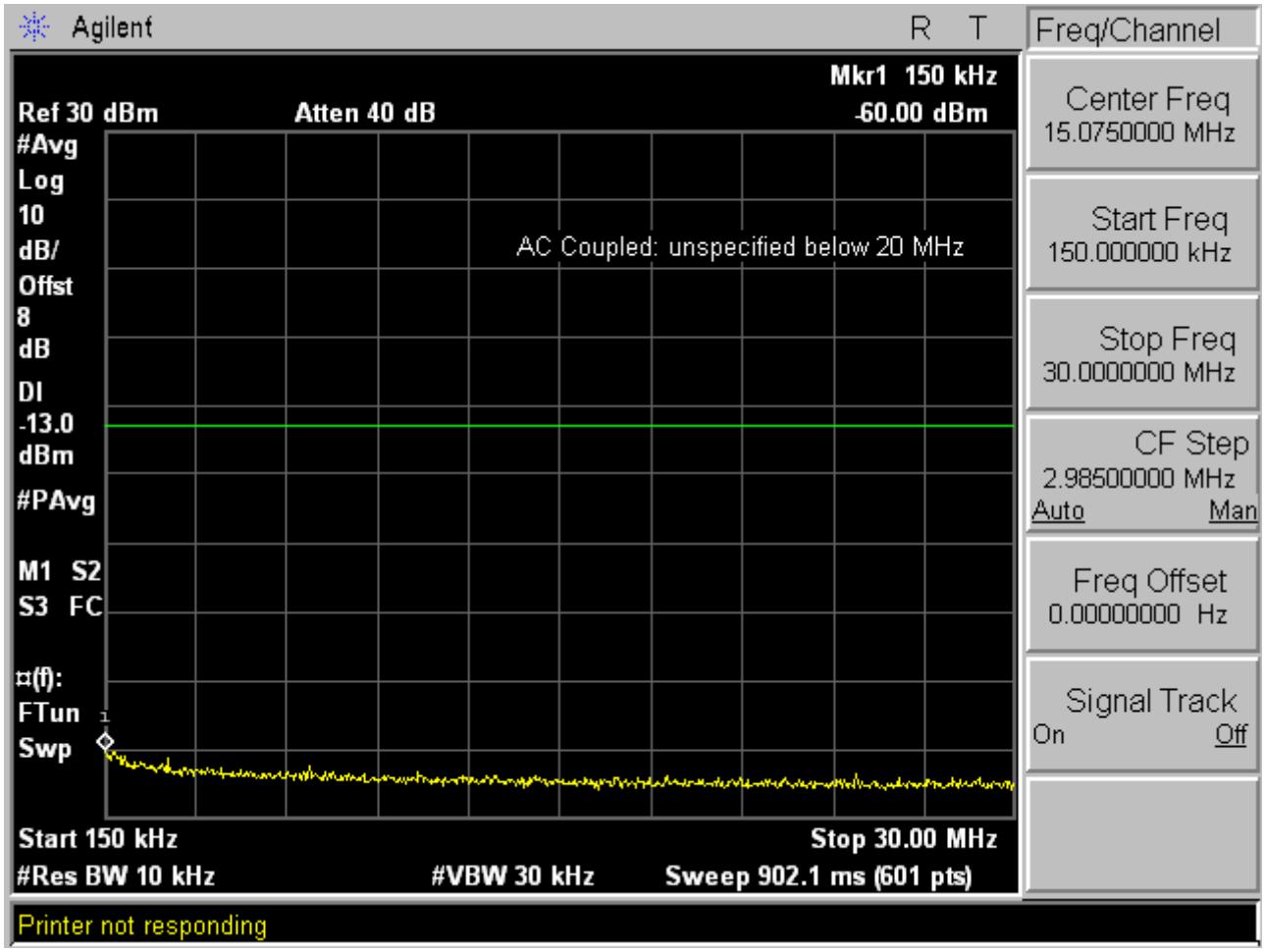


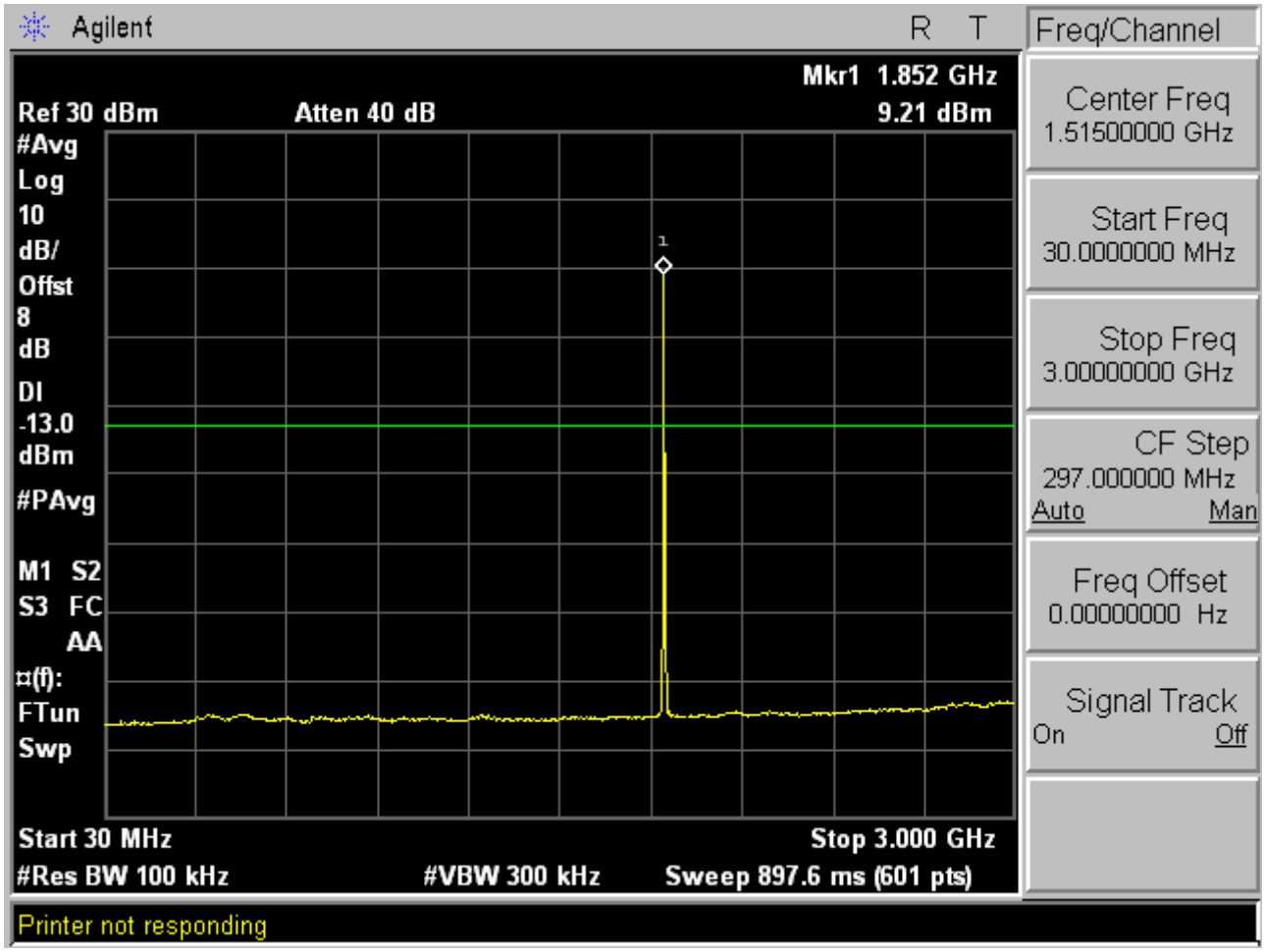
EVDO subtype 2

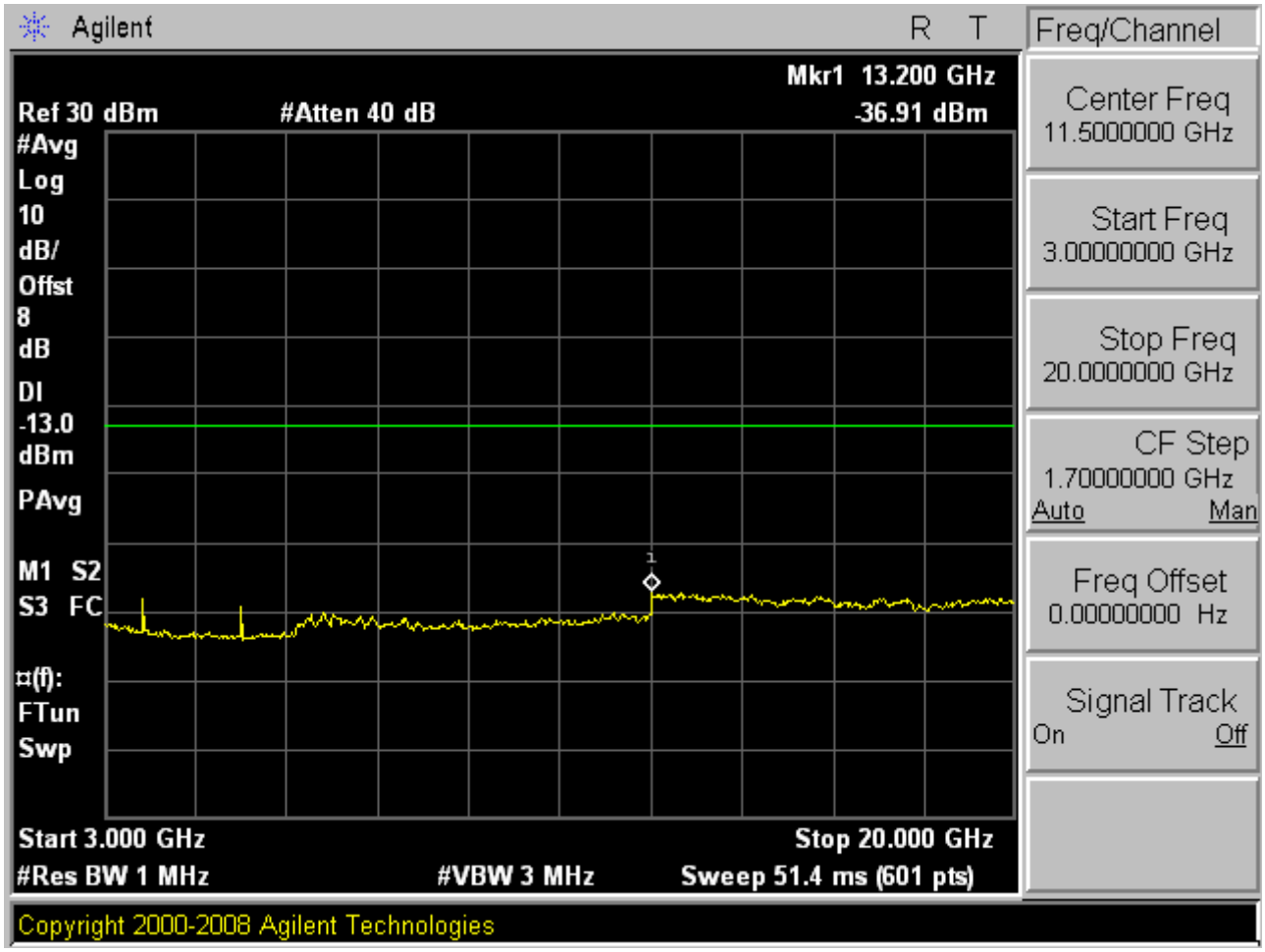
Modulation：8PSK

Channel 25

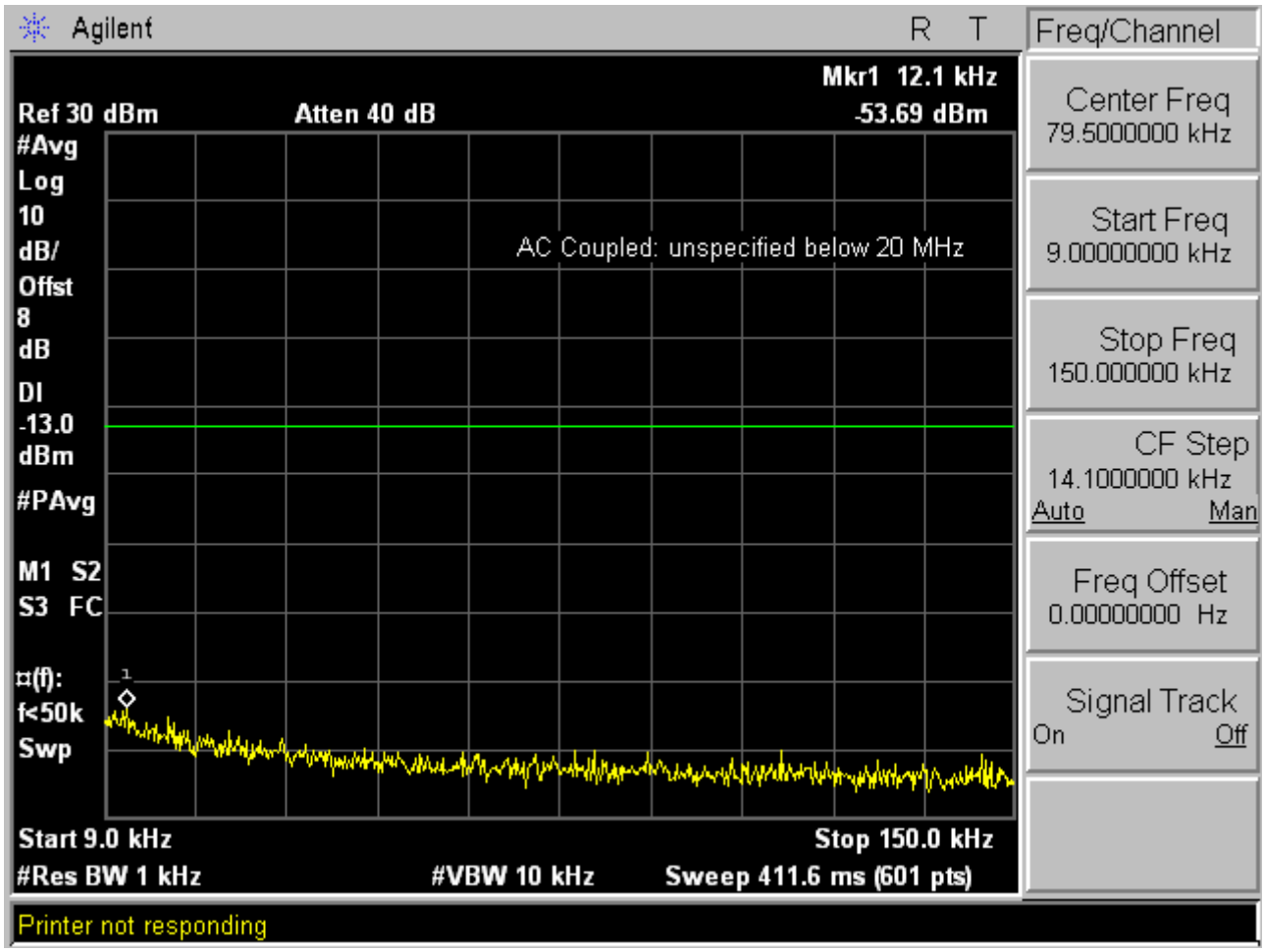


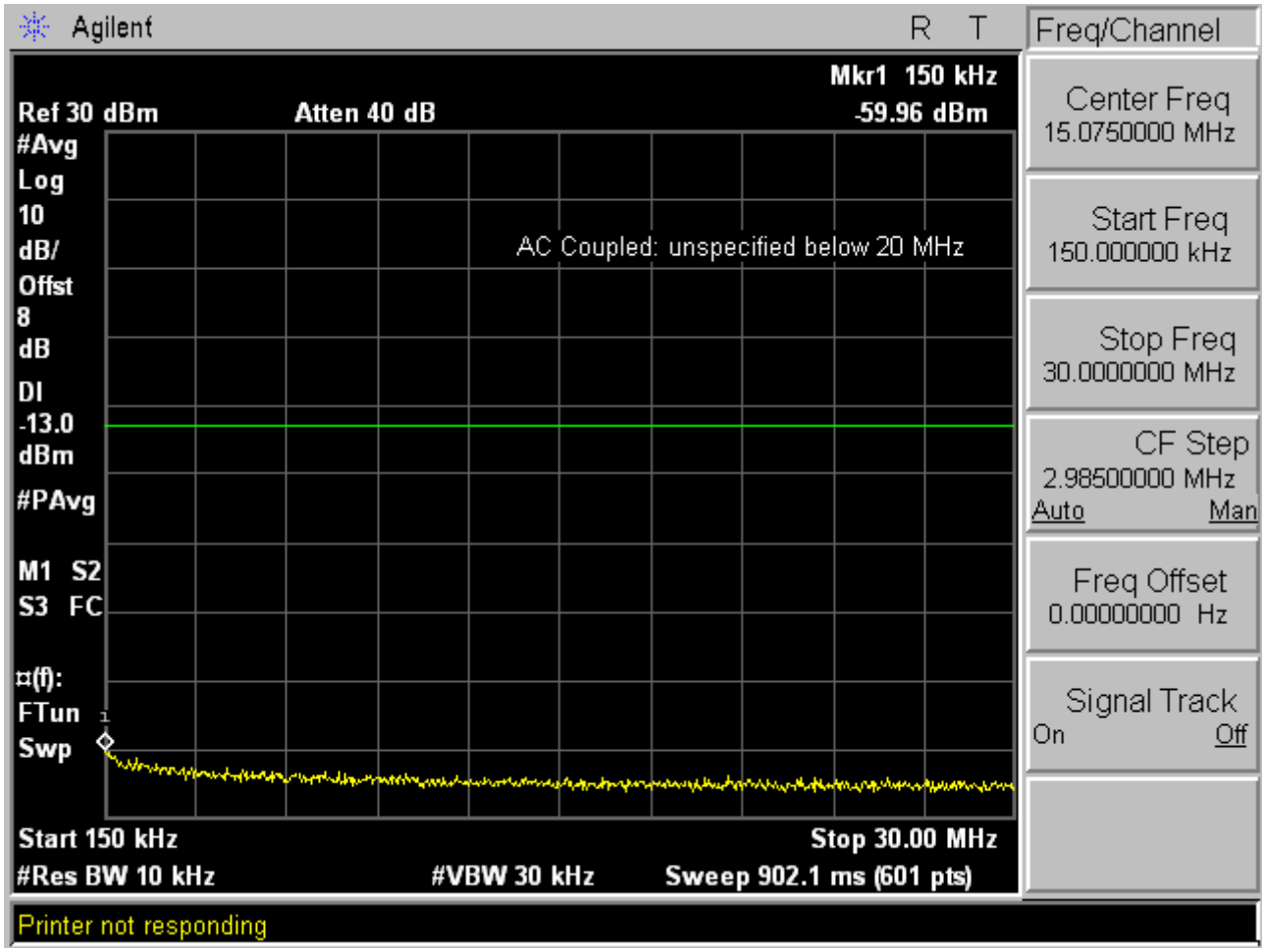

Agilent
R T
Freq/Channel
Mkr1 150 kHz
Ref 30 dBm
Atten 40 dB
-60.00 dBm
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
#PAvg
M1 S2
S3 FC
¤(f):
FTun
Swp
AC Coupled: unspecified below 20 MHz
Center Freq
15.0750000 MHz
Start Freq
150.000000 kHz
Stop Freq
30.0000000 MHz
CF Step
2.98500000 MHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Start 150 kHz
Stop 30.00 MHz
#Res BW 10 kHz
#VBW 30 kHz
Sweep 902.1 ms (601 pts)
Printer not responding

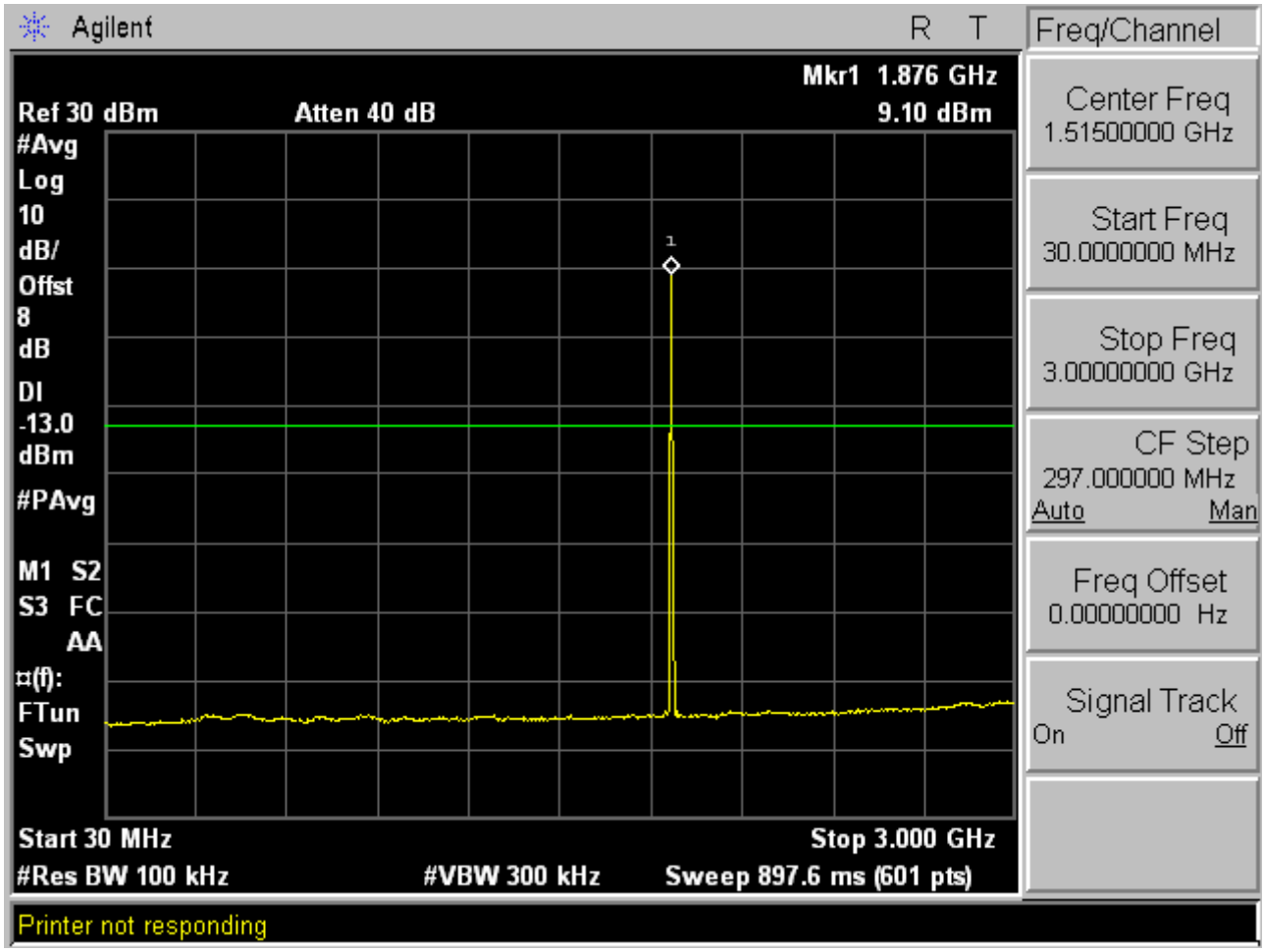

Agilent
R T
Freq/Channel
Mkr1 1.852 GHz
9.21 dBm
Ref 30 dBm
Atten 40 dB
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
#PAvg
M1 S2
S3 FC
AA
¤(f):
FTun
Swp
Center Freq
1.51500000 GHz
Start Freq
30.0000000 MHz
Stop Freq
3.00000000 GHz
CF Step
297.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Start 30 MHz
Stop 3.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 897.6 ms (601 pts)
Printer not responding

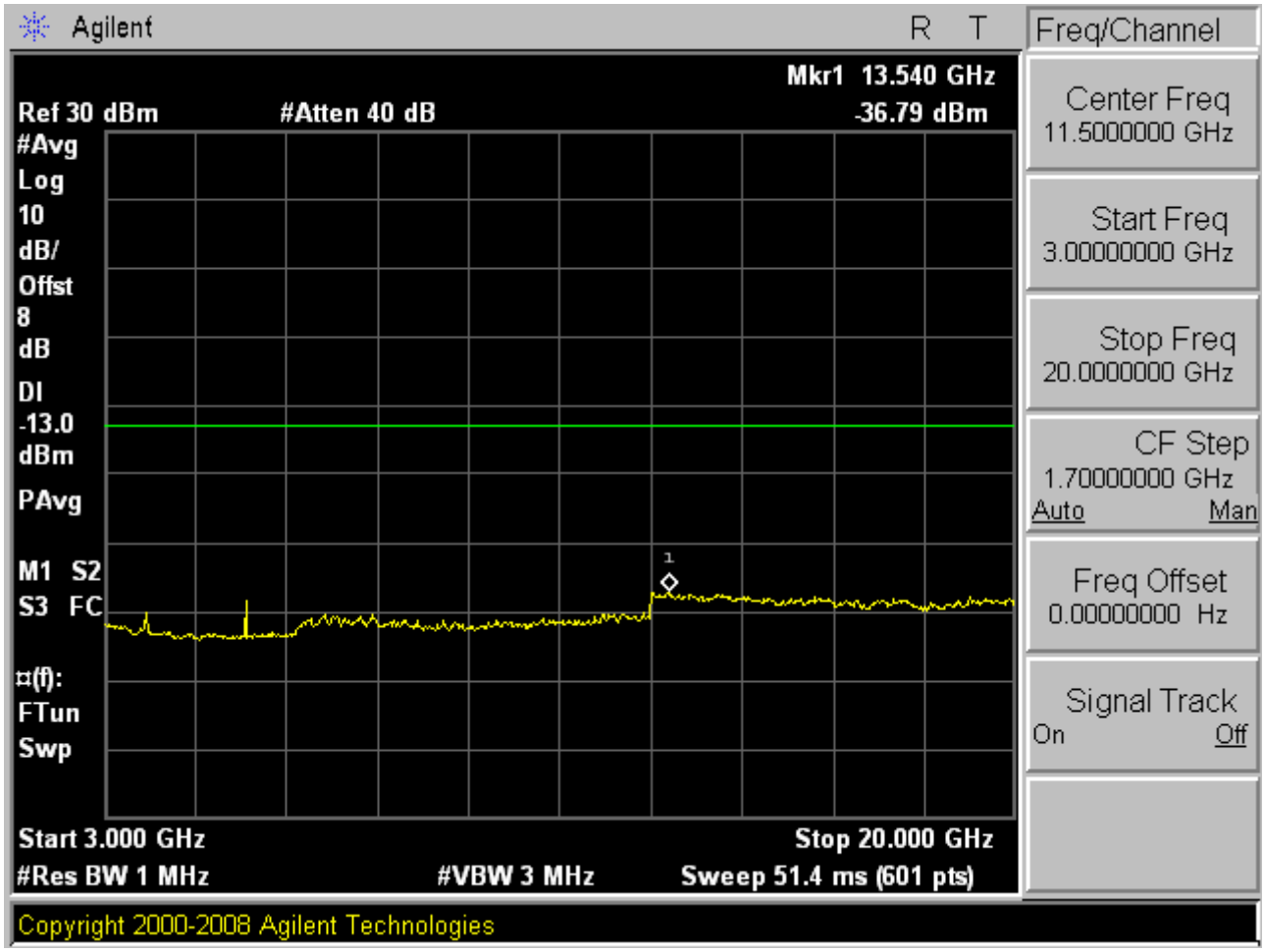

Agilent
R T
Freq/Channel
Mkr1 13.200 GHz
Ref 30 dBm
#Atten 40 dB
-36.91 dBm
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
PAvg
M1 S2
S3 FC
¤(f):
FTun
Swp
Center Freq
11.5000000 GHz
Start Freq
3.00000000 GHz
Stop Freq
20.0000000 GHz
CF Step
1.70000000 GHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Start 3.000 GHz
Stop 20.000 GHz
#Res BW 1 MHz
#VBW 3 MHz
Sweep 51.4 ms (601 pts)
Copyright 2000-2008 Agilent Technologies

Channel 525

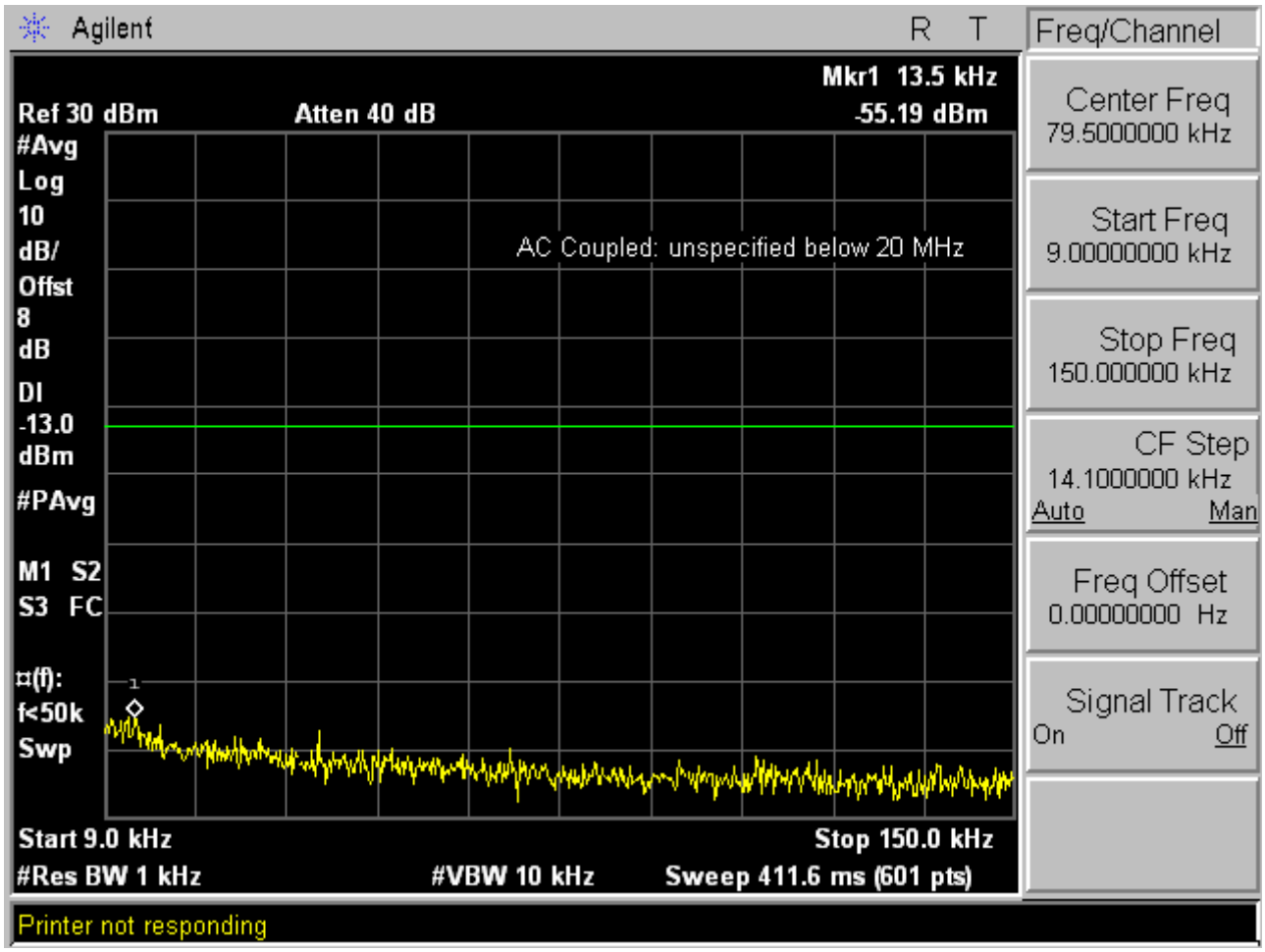

Agilent
R T
Freq/Channel
Mkr1 12.1 kHz
Ref 30 dBm
Atten 40 dB
-53.69 dBm
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
#PAvg
M1 S2
S3 FC
¤(f):
f<50k
Swp
AC Coupled: unspecified below 20 MHz
Center Freq
79.5000000 kHz
Start Freq
9.00000000 kHz
Stop Freq
150.000000 kHz
CF Step
14.1000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Start 9.0 kHz
Stop 150.0 kHz
#Res BW 1 kHz
#VBW 10 kHz
Sweep 411.6 ms (601 pts)
Printer not responding

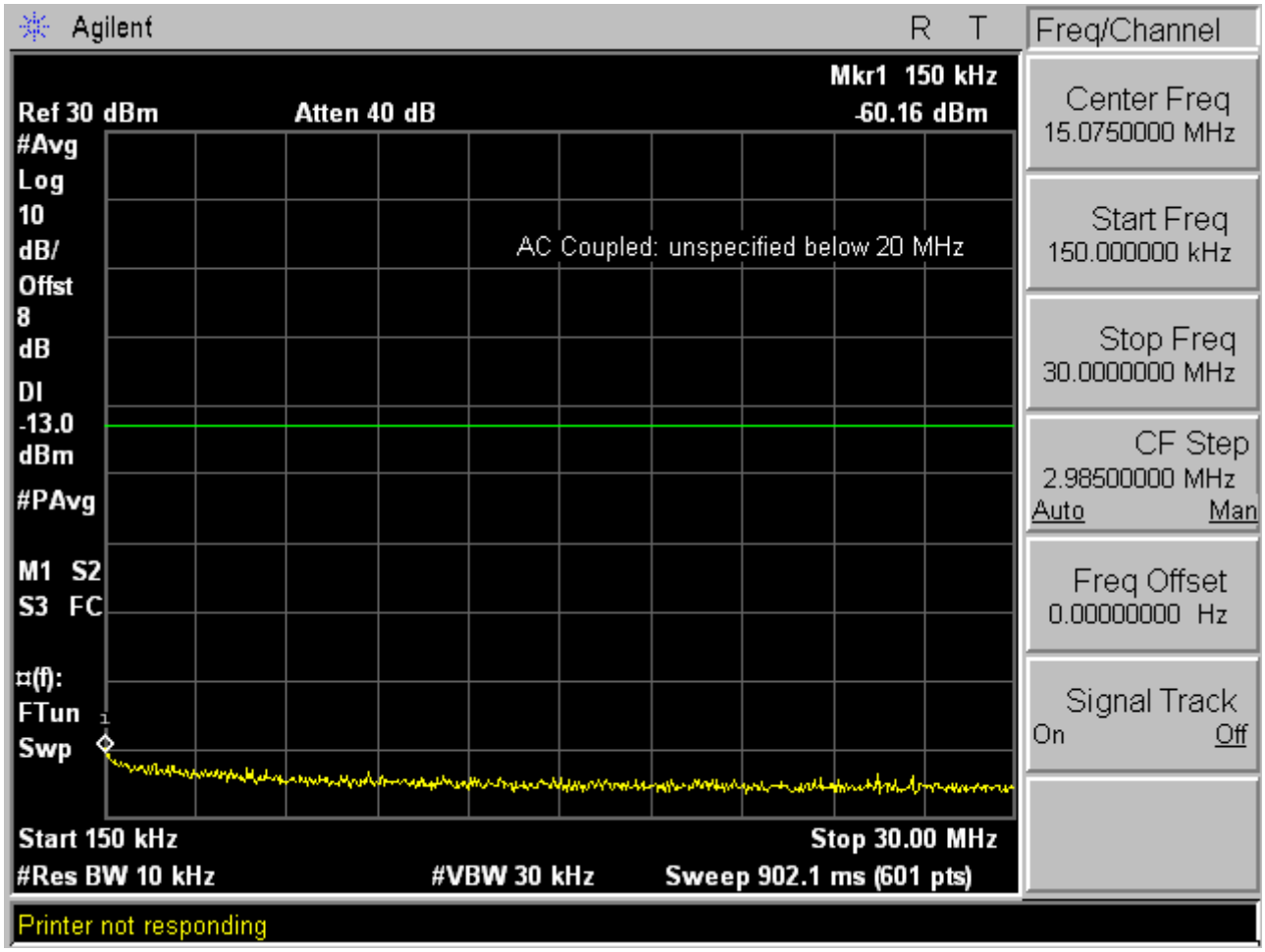

Agilent
R T
Freq/Channel
Mkr1 150 kHz
Ref 30 dBm
Atten 40 dB
-59.96 dBm
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
#PAvg
M1 S2
S3 FC
¤(f):
FTun
Swp
AC Coupled: unspecified below 20 MHz
Center Freq
15.0750000 MHz
Start Freq
150.000000 kHz
Stop Freq
30.0000000 MHz
CF Step
2.98500000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Start 150 kHz
Stop 30.00 MHz
#Res BW 10 kHz
#VBW 30 kHz
Sweep 902.1 ms (601 pts)
Printer not responding

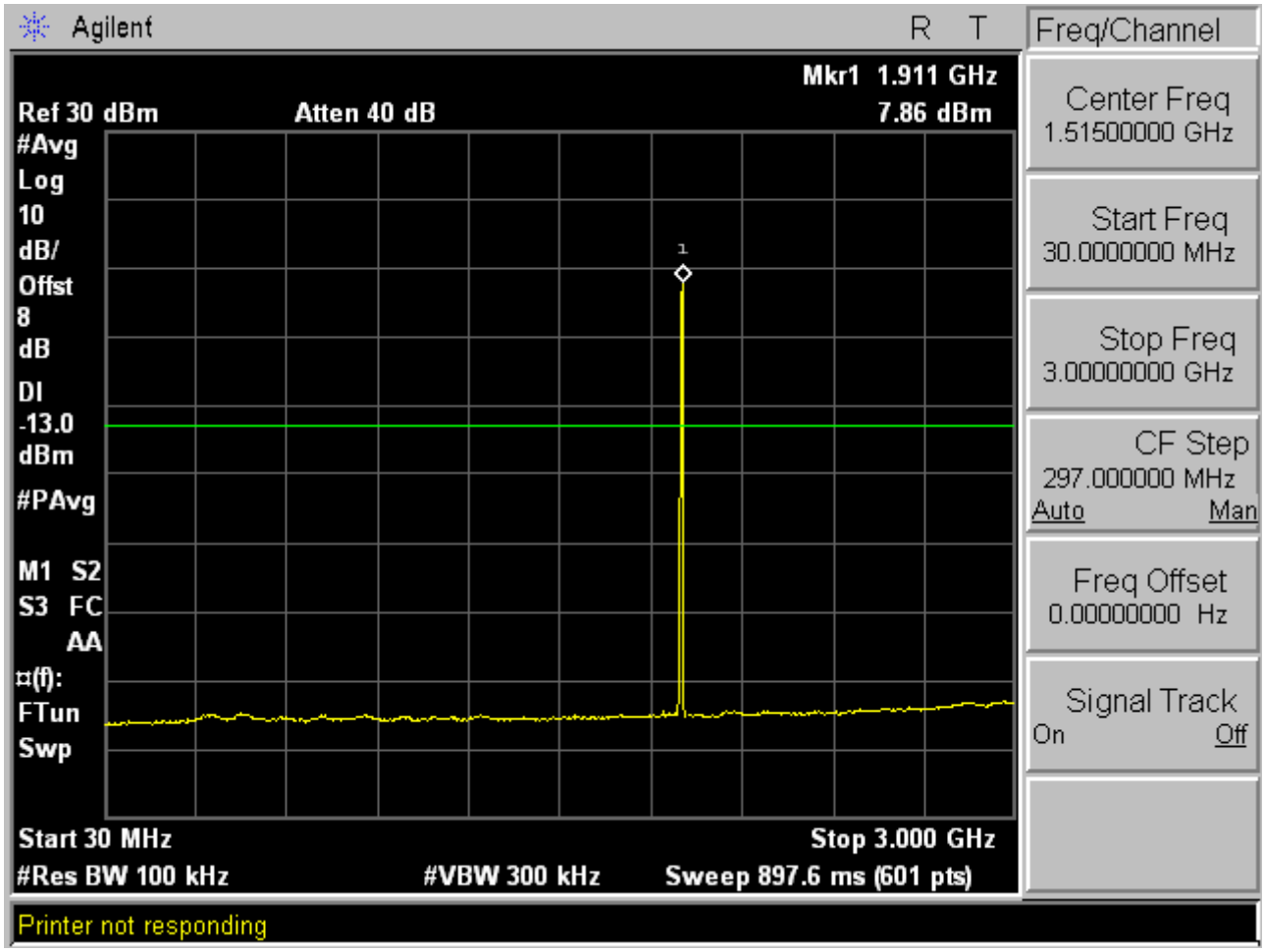

Agilent
R T
Freq/Channel
Mkr1 1.876 GHz
9.10 dBm
Ref 30 dBm
Atten 40 dB
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
#PAvg
M1 S2
S3 FC
AA
¤(f):
FTun
Swp
Center Freq
1.51500000 GHz
Start Freq
30.0000000 MHz
Stop Freq
3.00000000 GHz
CF Step
297.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Start 30 MHz
Stop 3.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 897.6 ms (601 pts)
Printer not responding

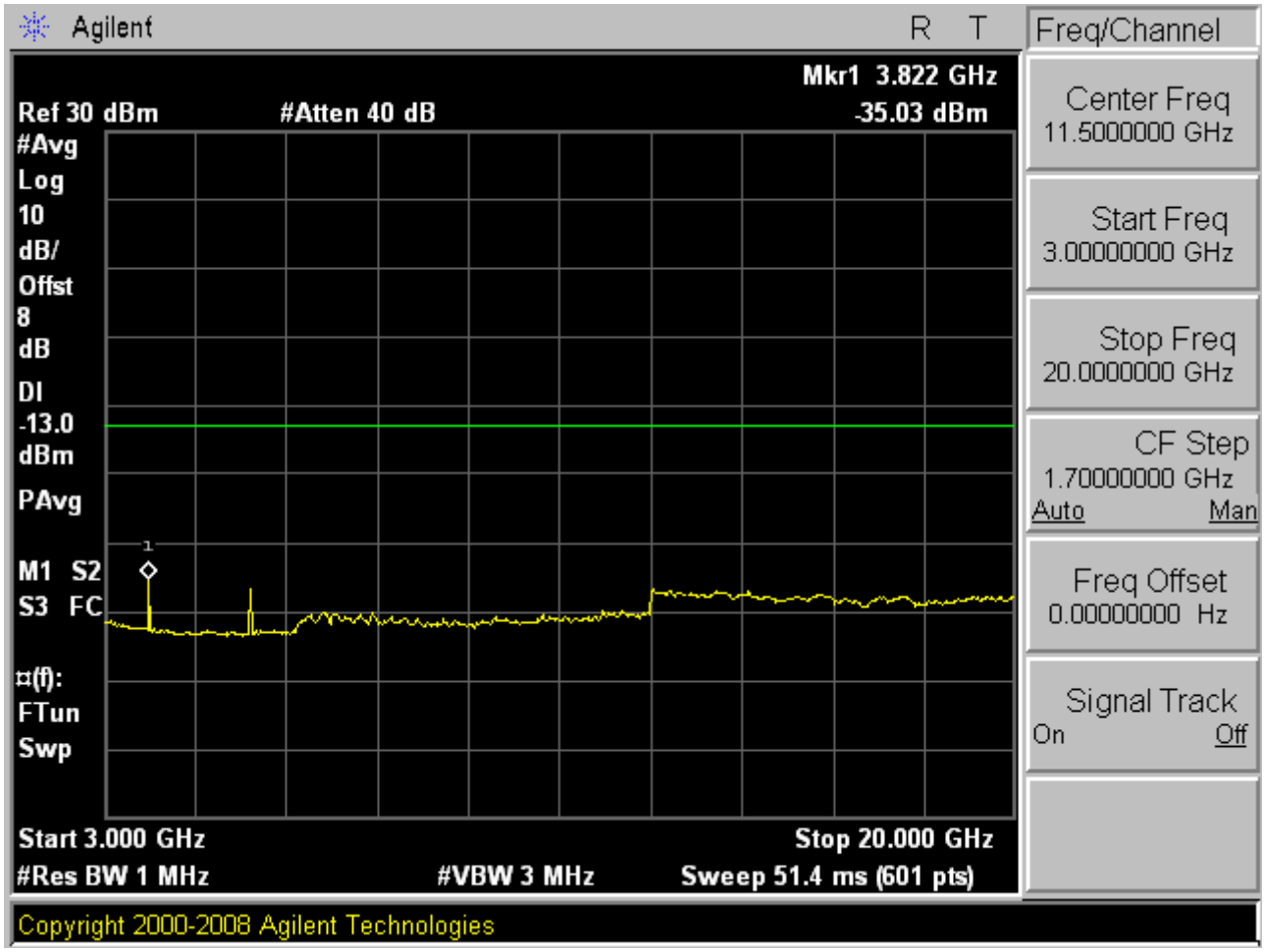


Channel 1175


Agilent
R T
Freq/Channel
Mkr1 13.5 kHz
Ref 30 dBm
Atten 40 dB
-55.19 dBm
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
#PAvg
M1 S2
S3 FC
¤(f):
f<50k
Swp
AC Coupled: unspecified below 20 MHz
Center Freq
79.5000000 kHz
Start Freq
9.00000000 kHz
Stop Freq
150.000000 kHz
CF Step
14.1000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Start 9.0 kHz
Stop 150.0 kHz
#Res BW 1 kHz
#VBW 10 kHz
Sweep 411.6 ms (601 pts)
Printer not responding


Agilent
R T
Freq/Channel
Mkr1 150 kHz
Ref 30 dBm
Atten 40 dB
-60.16 dBm
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
#PAvg
M1 S2
S3 FC
¤(f):
FTun
Swp
AC Coupled: unspecified below 20 MHz
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
Start 150 kHz
Stop 30.00 MHz
#Res BW 10 kHz
#VBW 30 kHz
Sweep 902.1 ms (601 pts)
Printer not responding


Agilent
R T
Freq/Channel
Mkr1 1.911 GHz
7.86 dBm
Ref 30 dBm
Atten 40 dB
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
#PAvg
M1 S2
S3 FC
AA
¤(f):
FTun
Swp
Center Freq
1.51500000 GHz
Start Freq
30.0000000 MHz
Stop Freq
3.00000000 GHz
CF Step
297.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Start 30 MHz
Stop 3.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 897.6 ms (601 pts)
Printer not responding


Agilent
R T
Freq/Channel
Mkr1 3.822 GHz
Ref 30 dBm
#Atten 40 dB
-35.03 dBm
#Avg
Log
10
dB/
Offst
8
dB
Dl
-13.0
dBm
PAvg
M1 S2
S3 FC
¤(f):
FTun
Swp
Center Freq
11.5000000 GHz
Start Freq
3.00000000 GHz
Stop Freq
20.0000000 GHz
CF Step
1.70000000 GHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Start 3.000 GHz
Stop 20.000 GHz
#Res BW 1 MHz
#VBW 3 MHz
Sweep 51.4 ms (601 pts)
Copyright 2000-2008 Agilent Technologies