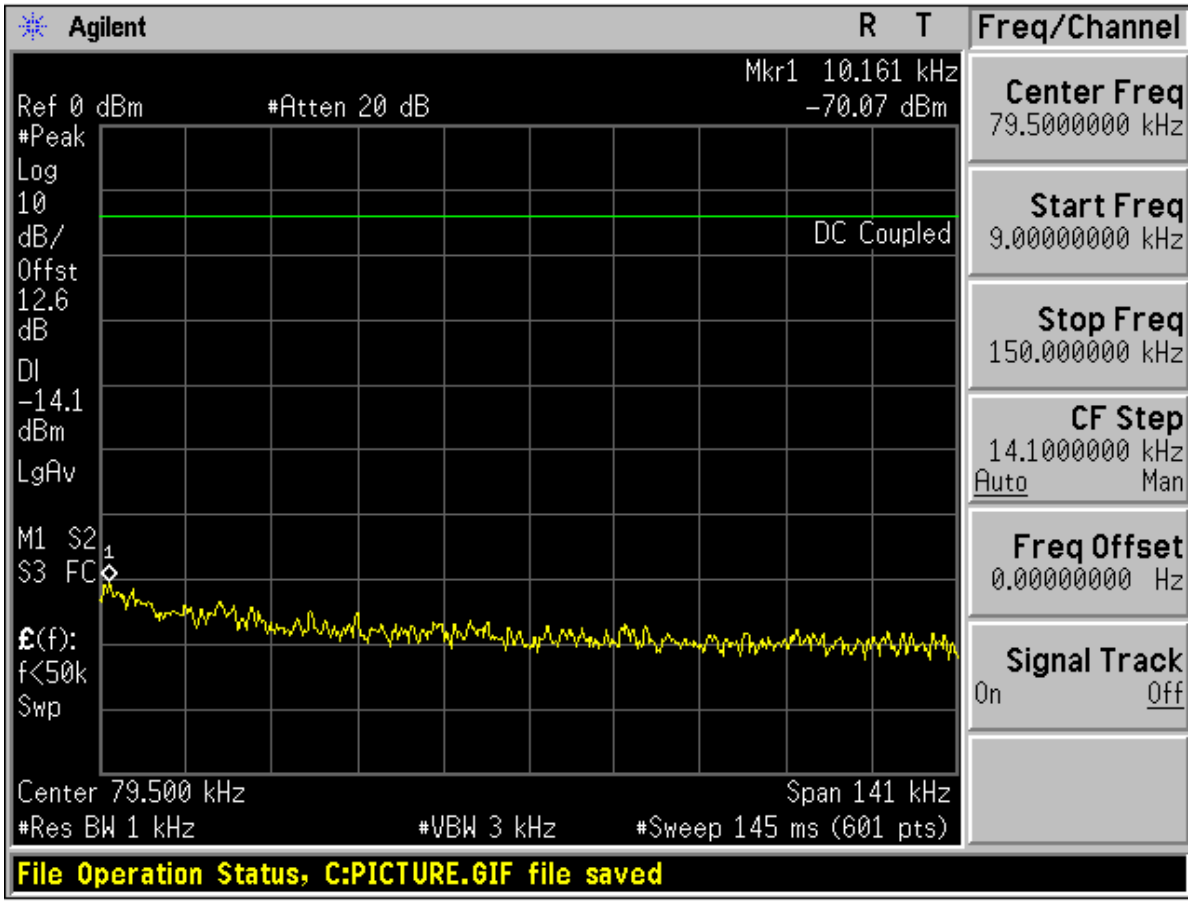
Appendix G

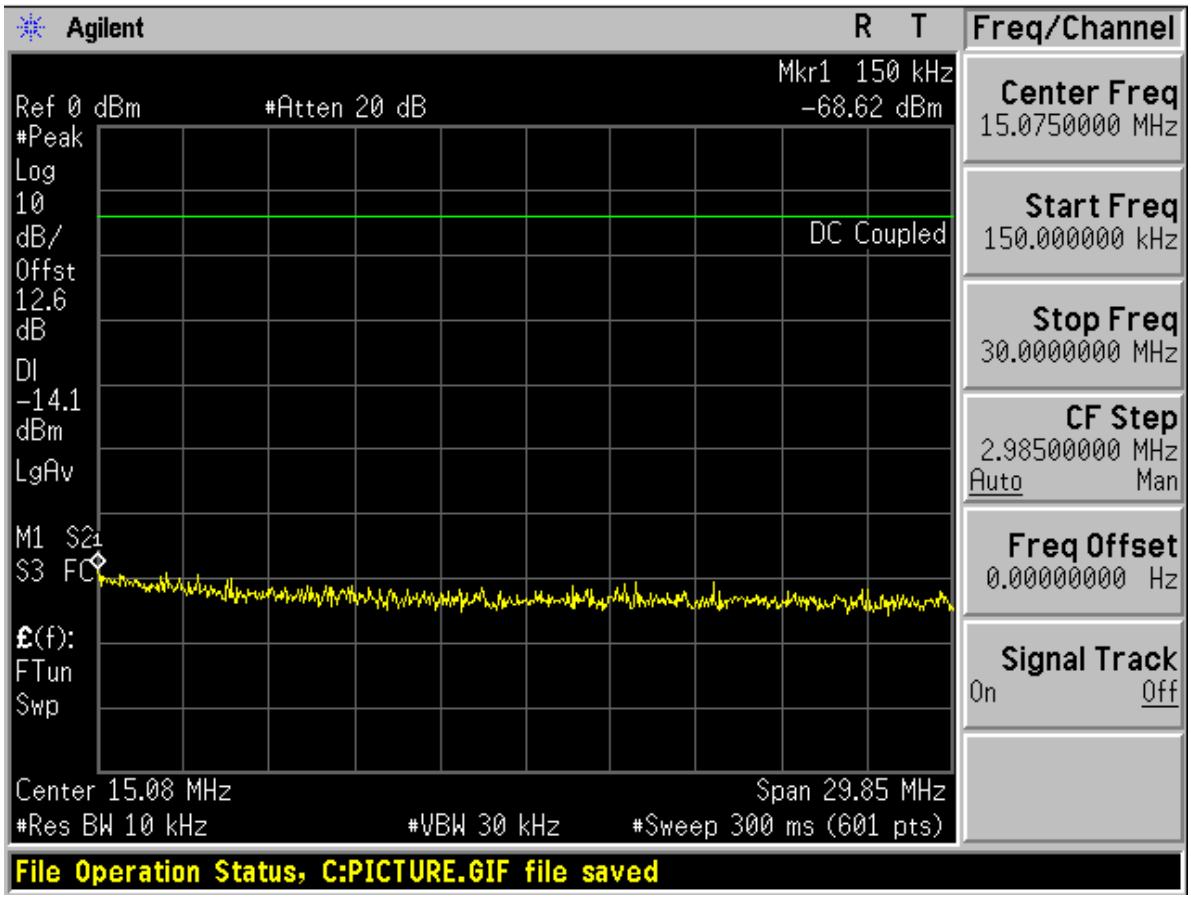
Conducted RF spurious

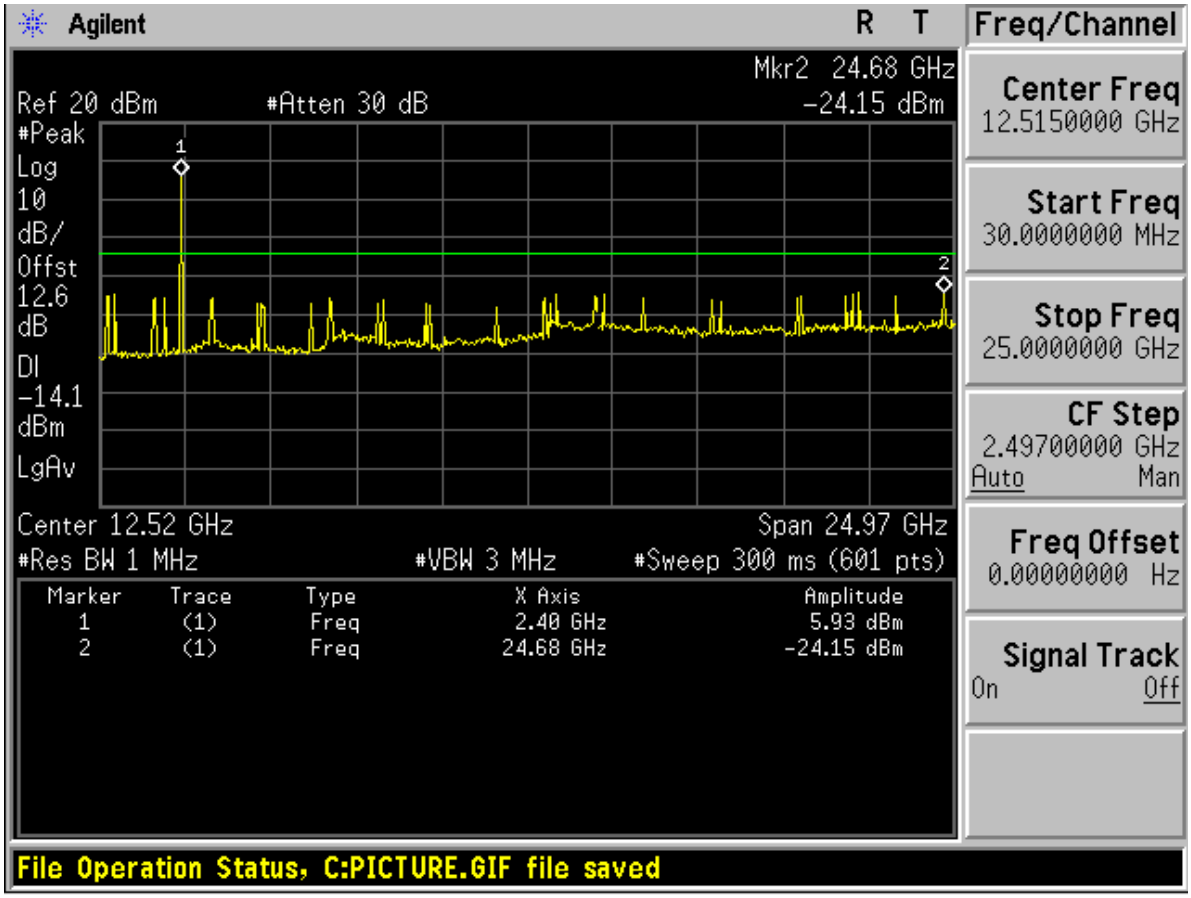
According to FCC Part 15.247 (d)

Modulation： π/4-DQPSK

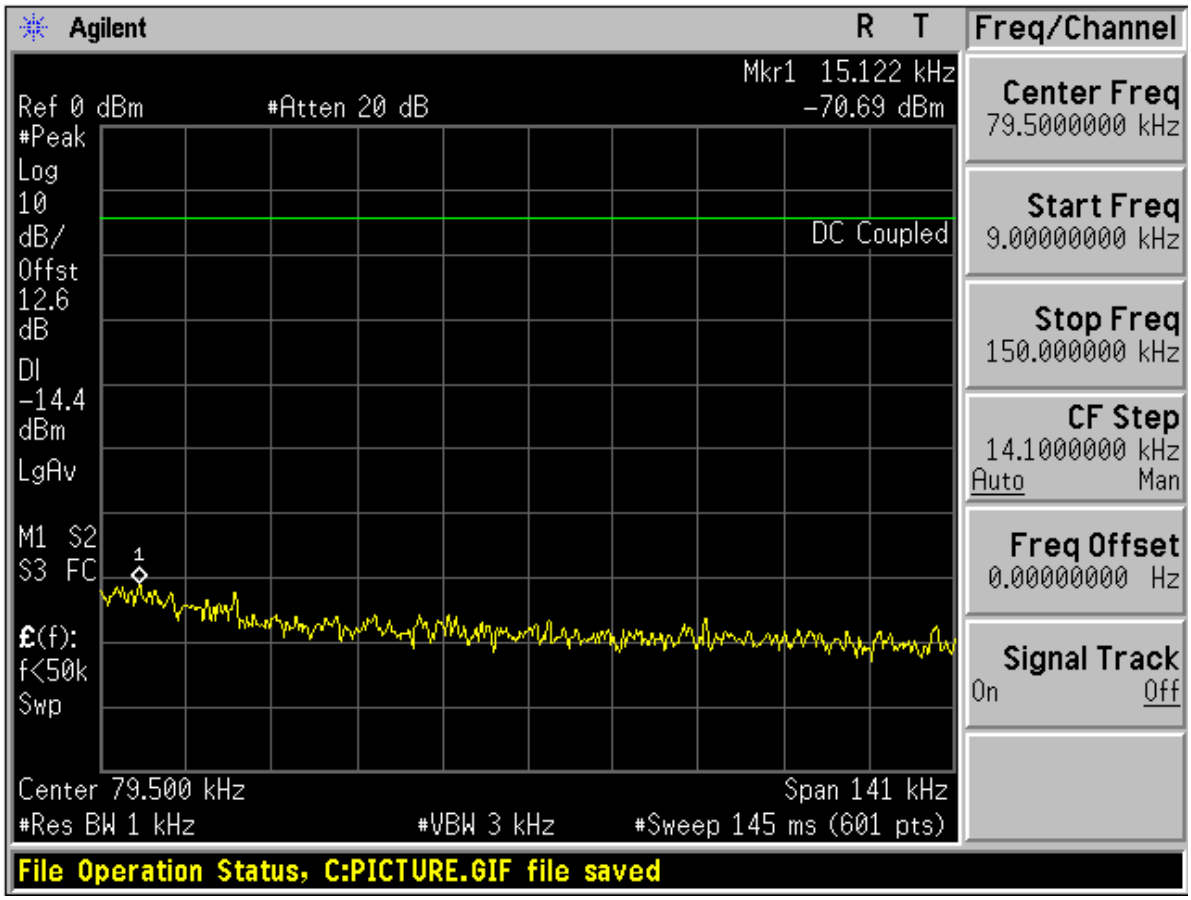
Channel 0

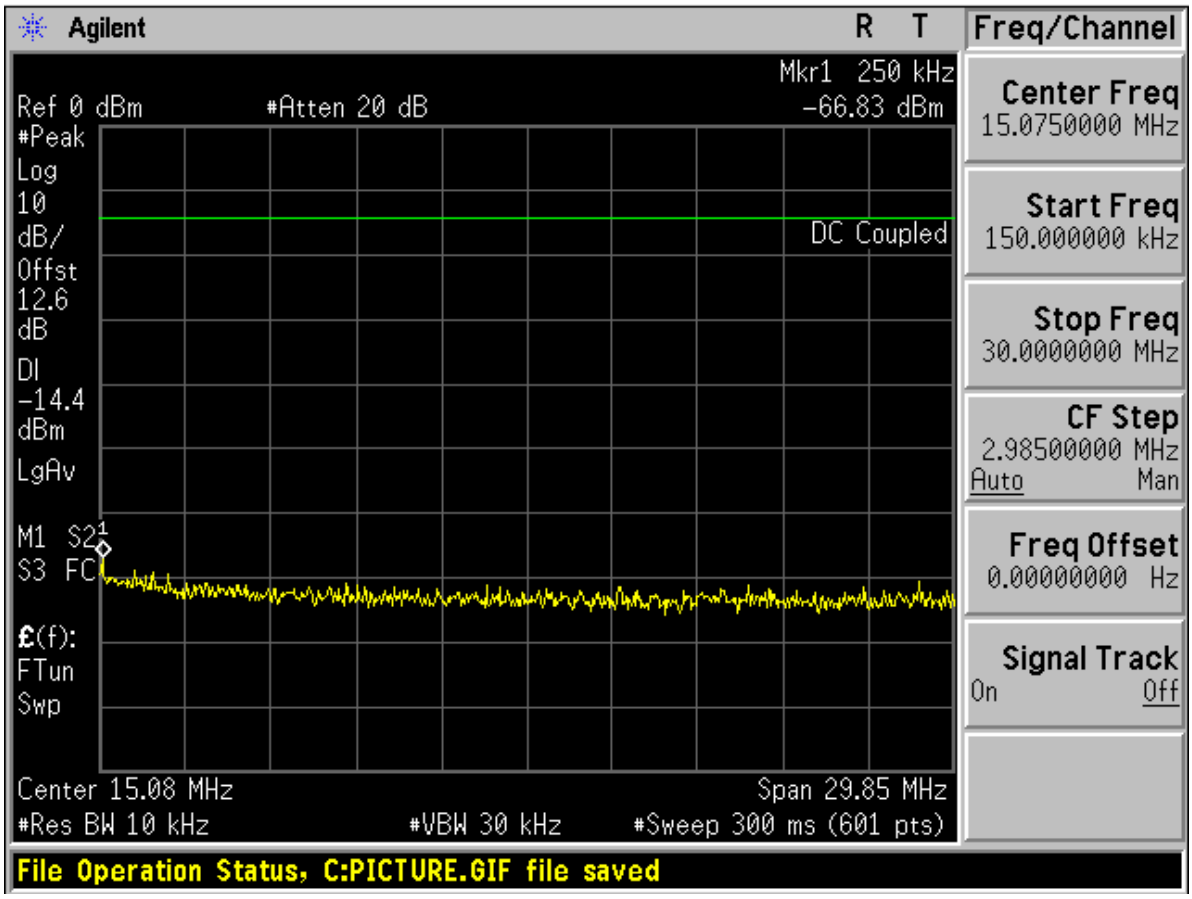


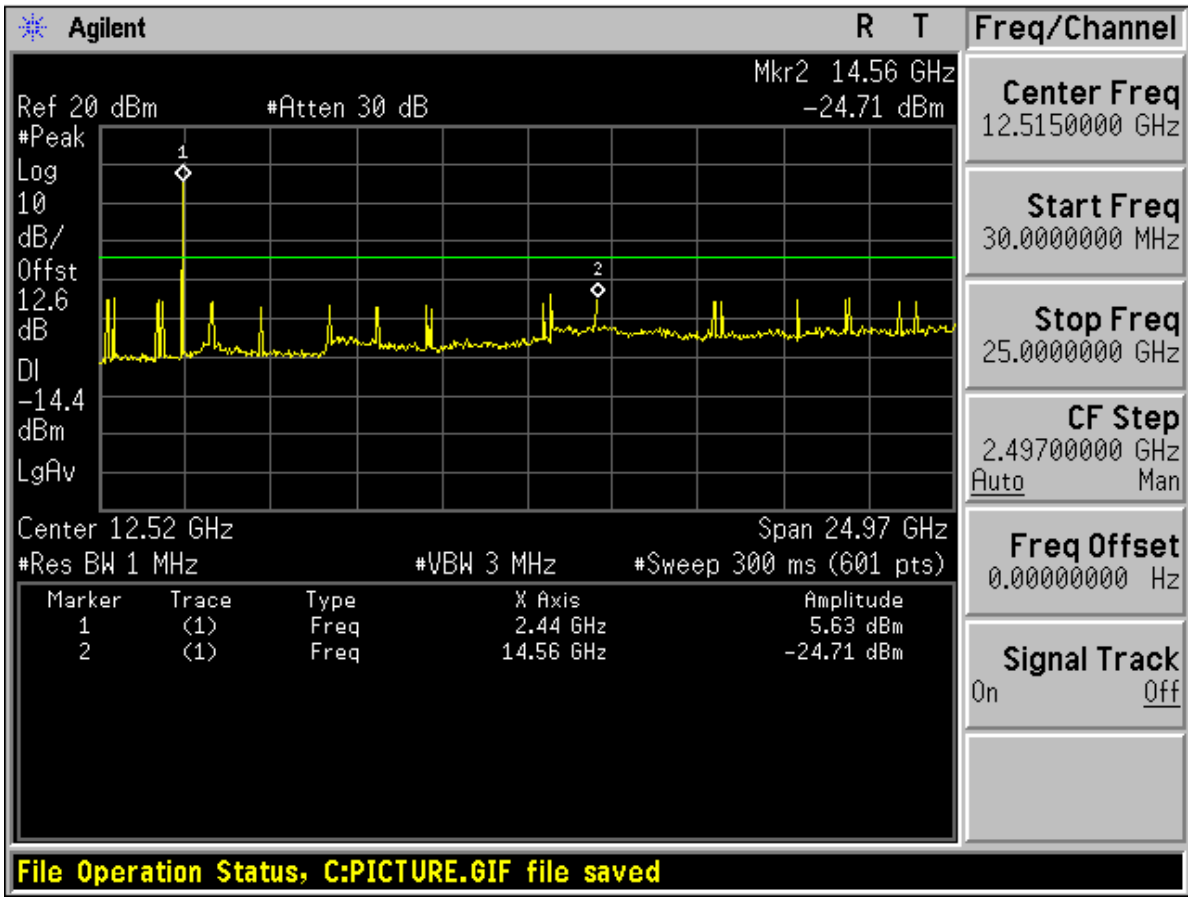

Agilent
R T
Freq/Channel
Mkr1 150 kHz
Ref 0 dBm
#Atten 20 dB
-68.62 dBm
#Peak
Log
10
dB/
Offst
12.6
dB
Dl
-14.1
dBm
LgAv
DC Coupled
M1 S2
S3 FC
£(f):
FTun
Swp
Center Freq
15.0750000 MHz
Start Freq
150.000000 kHz
Stop Freq
30.0000000 MHz
CF Step
2.98500000 MHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Center 15.08 MHz
Span 29.85 MHz
#Res BW 10 kHz
#VBW 30 kHz
#Sweep 300 ms (601 pts)
File Operation Status, C:PICTURE.GIF file saved


Agilent
R T
Freq/Channel
Mkr2 24.68 GHz
Ref 20 dBm
#Atten 30 dB
-24.15 dBm
#Peak
Log
10
dB/
Offst
12.6
dB
Dl
-14.1
dBm
LgAv
Center Freq
12.5150000 GHz
Start Freq
30.0000000 MHz
Stop Freq
25.0000000 GHz
CF Step
2.49700000 GHz
Auto Man
Center 12.52 GHz
Span 24.97 GHz
#Res BW 1 MHz
#VBW 3 MHz
#Sweep 300 ms (601 pts)
Freq Offset
0.00000000 Hz
Signal Track
On Off
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.40 GHz 5.93 dBm
2 (1) Freq 24.68 GHz -24.15 dBm
File Operation Status, C:PICTURE.GIF file saved

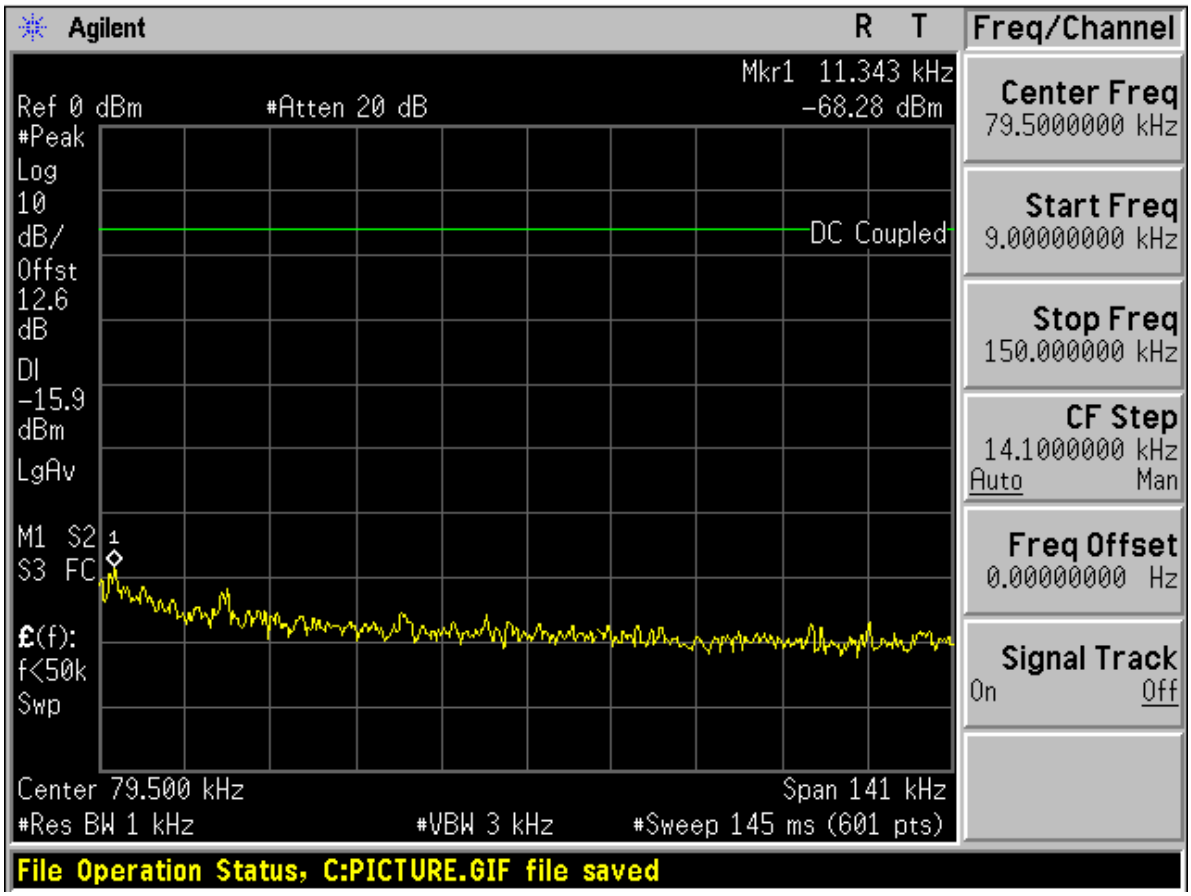
Channel 40

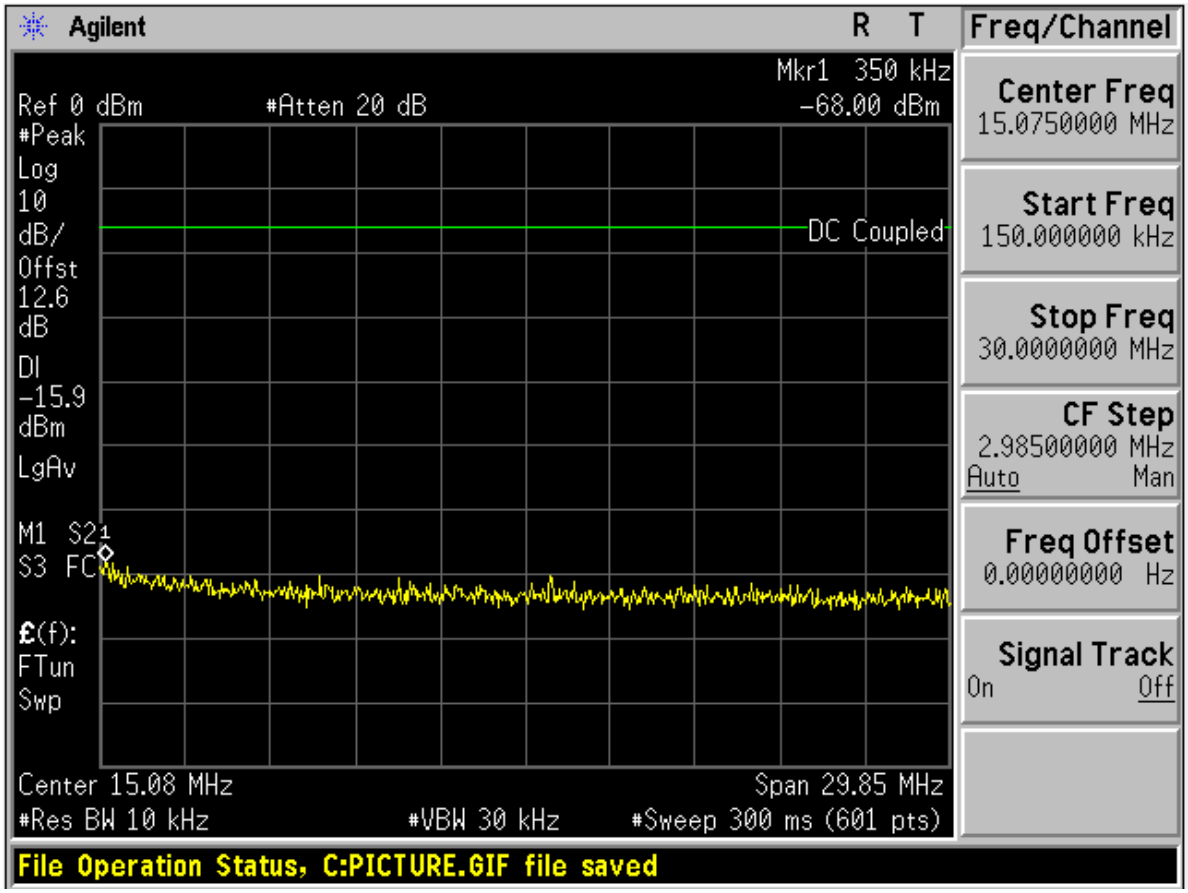

Agilent
R T
Freq/Channel
Mkr1 15.122 kHz
Ref 0 dBm
#Atten 20 dB
-70.69 dBm
#Peak
Log
10
dB/
Offst
12.6
dB
Dl
-14.4
dBm
LgAv
DC Coupled
M1 S2
S3 FC
£(f):
f<50k
Swp
Center 79.500 kHz
Span 141 kHz
#Res BW 1 kHz
#VBW 3 kHz
#Sweep 145 ms (601 pts)
Center Freq
79.5000000 kHz
Start Freq
9.00000000 kHz
Stop Freq
150.000000 kHz
CF Step
14.1000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
File Operation Status, C:PICTURE.GIF file saved

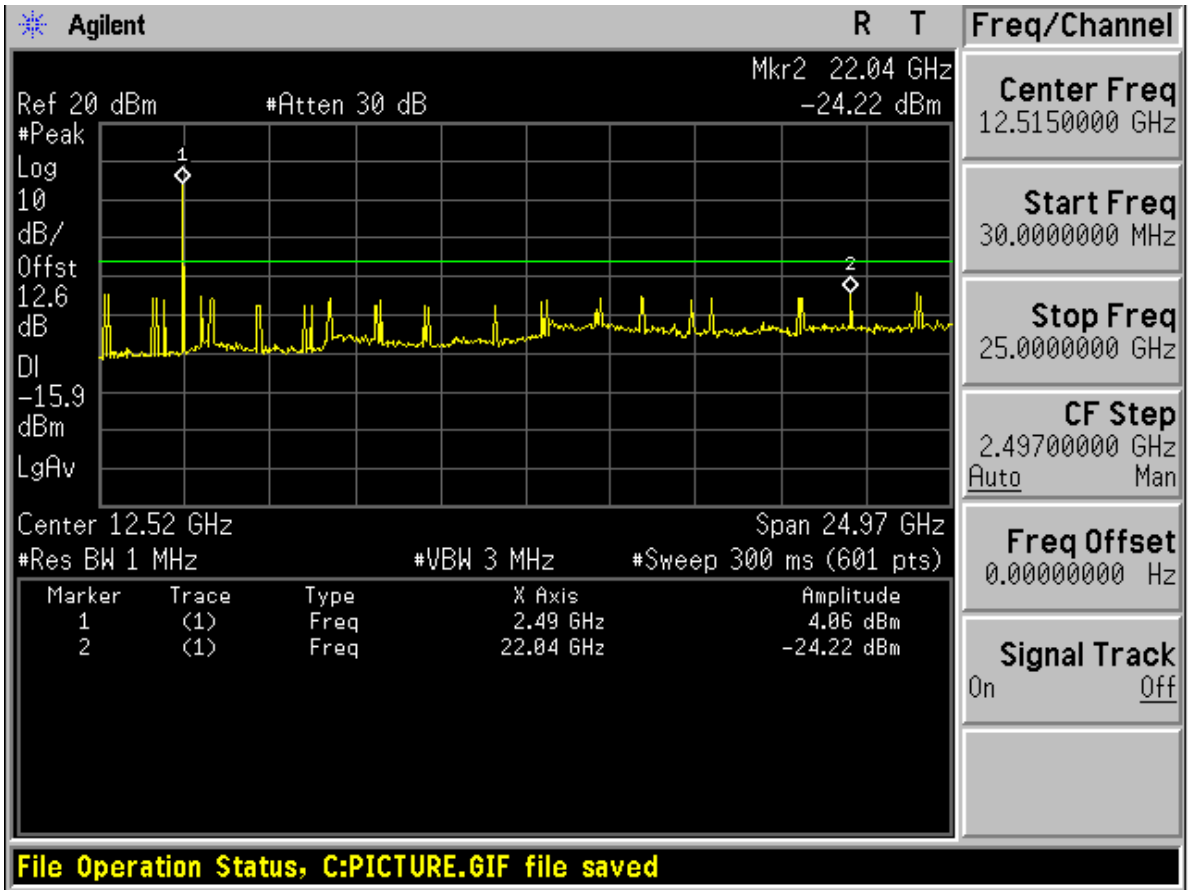

Agilent
R T
Freq/Channel
Mkr1 250 kHz
Ref 0 dBm
#Atten 20 dB
-66.83 dBm
#Peak
Log
10
dB/
Offst
12.6
dB
Dl
-14.4
dBm
LgAv
DC Coupled
M1 S2
S3 FC
£(f):
FTun
Swp
Center Freq
15.0750000 MHz
Start Freq
150.000000 kHz
Stop Freq
30.0000000 MHz
CF Step
2.98500000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Center 15.08 MHz
Span 29.85 MHz
#Res BW 10 kHz
#VBW 30 kHz
#Sweep 300 ms (601 pts)
File Operation Status, C:PICTURE.GIF file saved


Agilent
R T
Mkr2 14.56 GHz
Ref 20 dBm
#Atten 30 dB
-24.71 dBm
#Peak
Log
10
dB/
Offst
12.6
dB
Dl
-14.4
dBm
LgAv
Center 12.52 GHz
Span 24.97 GHz
#Res BW 1 MHz
#VBW 3 MHz
#Sweep 300 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.44 GHz 5.63 dBm
2 (1) Freq 14.56 GHz -24.71 dBm
Freq/Channel
Center Freq
12.5150000 GHz
Start Freq
30.0000000 MHz
Stop Freq
25.0000000 GHz
CF Step
2.49700000 GHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
File Operation Status, C:PICTURE.GIF file saved

Channel 78

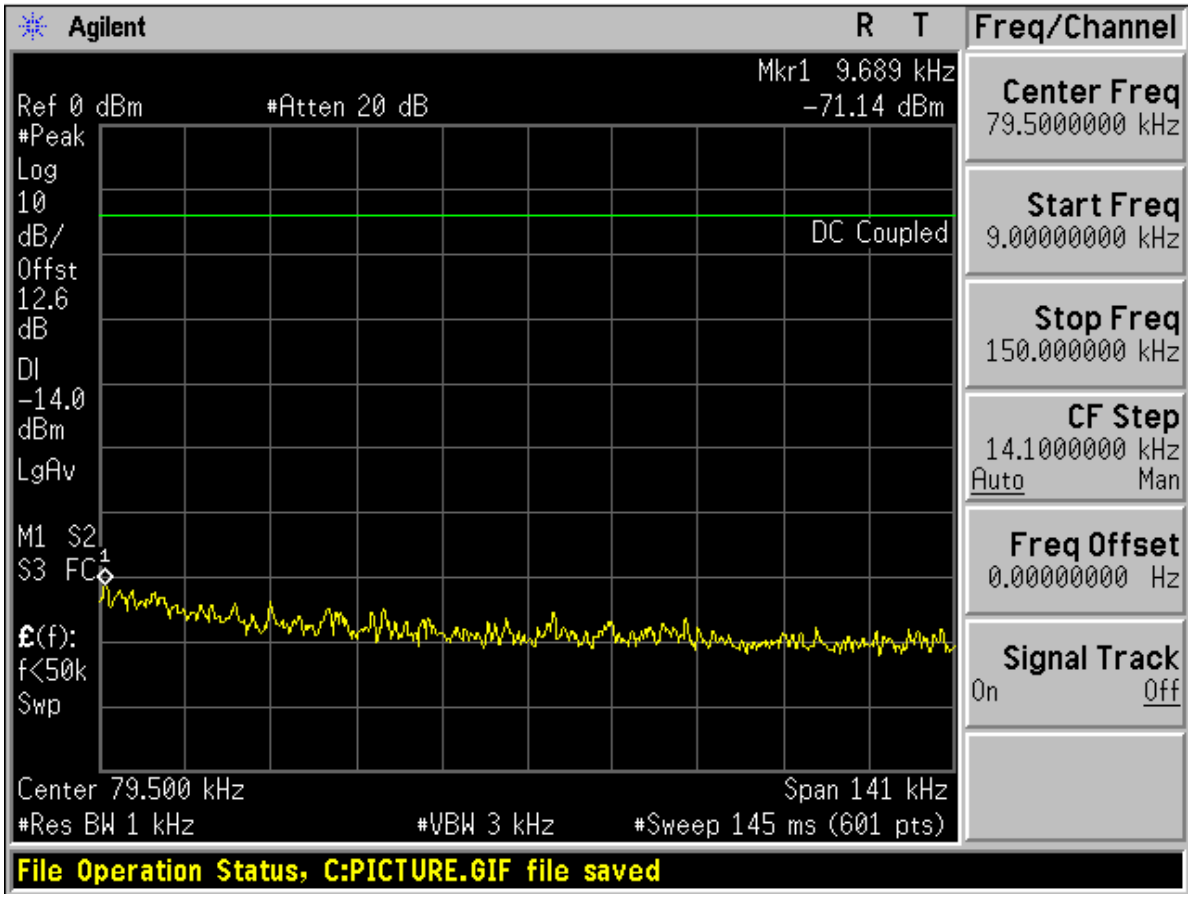

Agilent
R T
Freq/Channel
Mkr1 11.343 kHz
Ref 0 dBm
#Atten 20 dB
-68.28 dBm
#Peak
Log
10
dB/
Offst
12.6
dB
Dl
-15.9
dBm
LgAv
DC Coupled
M1 S2
S3 FC
1
£(f):
f<50k
Swp
Center 79.500 kHz
Span 141 kHz
#Res BW 1 kHz
#VBW 3 kHz
#Sweep 145 ms (601 pts)
Center Freq
79.5000000 kHz
Start Freq
9.00000000 kHz
Stop Freq
150.000000 kHz
CF Step
14.1000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
File Operation Status, C:PICTURE.GIF file saved

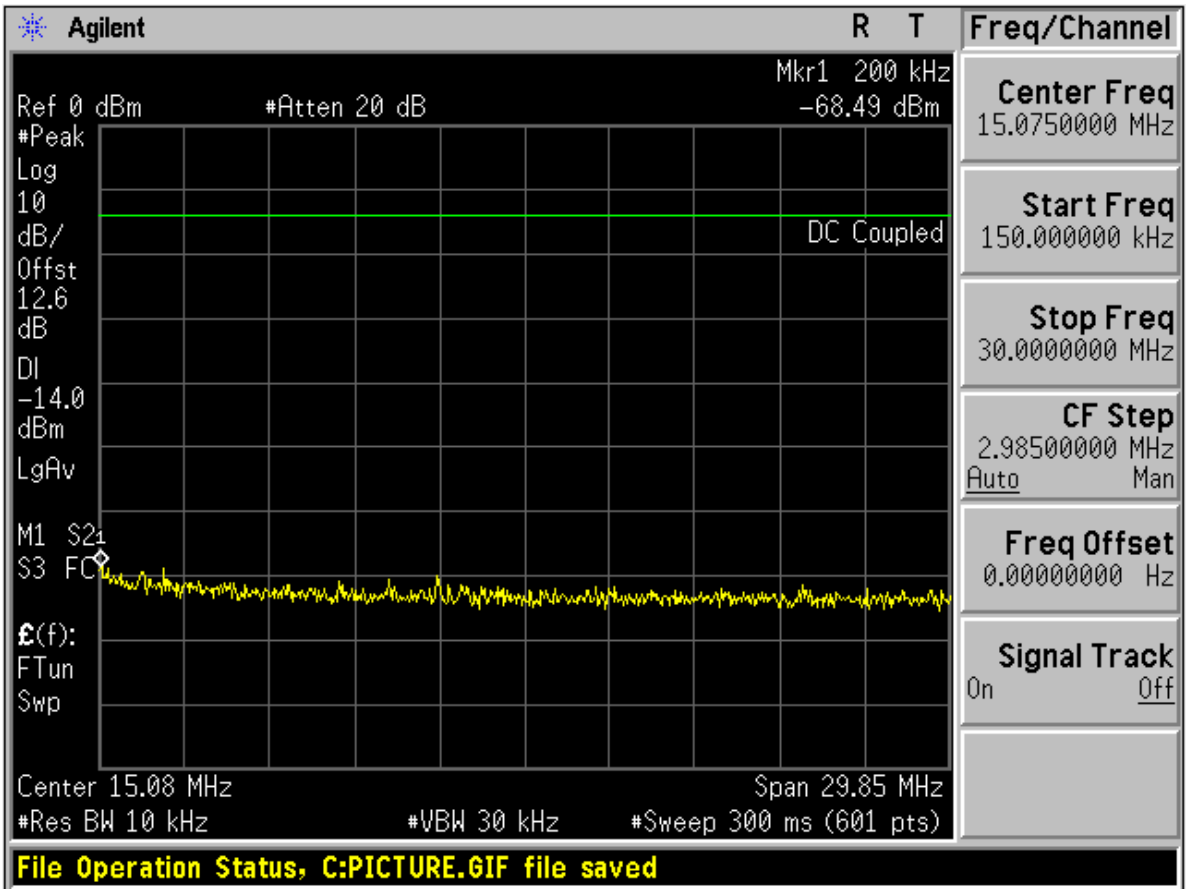

Agilent
R T
Freq/Channel
Mkr1 350 kHz
Ref 0 dBm
#Atten 20 dB
-68.00 dBm
#Peak
Log
10
dB/
Offst
12.6
dB
Dl
-15.9
dBm
LgAv
DC Coupled
M1 S2
S3 FC
£(f):
FTun
Swp
Center Freq
15.0750000 MHz
Start Freq
150.000000 kHz
Stop Freq
30.0000000 MHz
CF Step
2.98500000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Center 15.08 MHz
Span 29.85 MHz
#Res BW 10 kHz
#VBW 30 kHz
#Sweep 300 ms (601 pts)
File Operation Status, C:PICTURE.GIF file saved

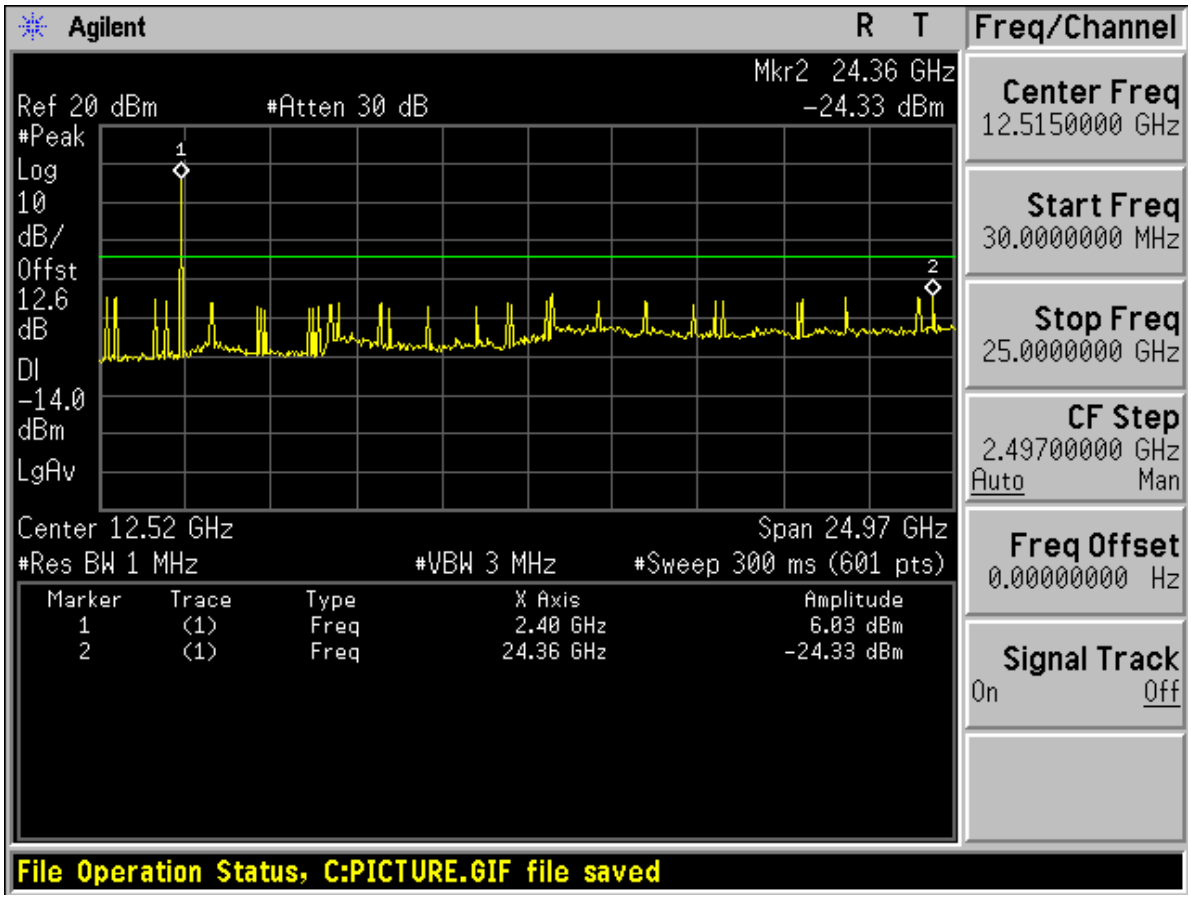

Agilent
R T
Freq/Channel
Mkr2 22.04 GHz
Ref 20 dBm
#Atten 30 dB
-24.22 dBm
#Peak
Log
10
dB/
Offst
12.6
dB
Dl
-15.9
dBm
LgAv
Center Freq
12.5150000 GHz
Start Freq
30.0000000 MHz
Stop Freq
25.0000000 GHz
CF Step
2.49700000 GHz
Auto
Man
Center 12.52 GHz
Span 24.97 GHz
#Res BW 1 MHz
#VBW 3 MHz
#Sweep 300 ms (601 pts)
Freq Offset
0.00000000 Hz
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.49 GHz 4.06 dBm
2 (1) Freq 22.04 GHz -24.22 dBm
Signal Track
On
Off
File Operation Status, C:PICTURE.GIF file saved

Modulation：8DPSK

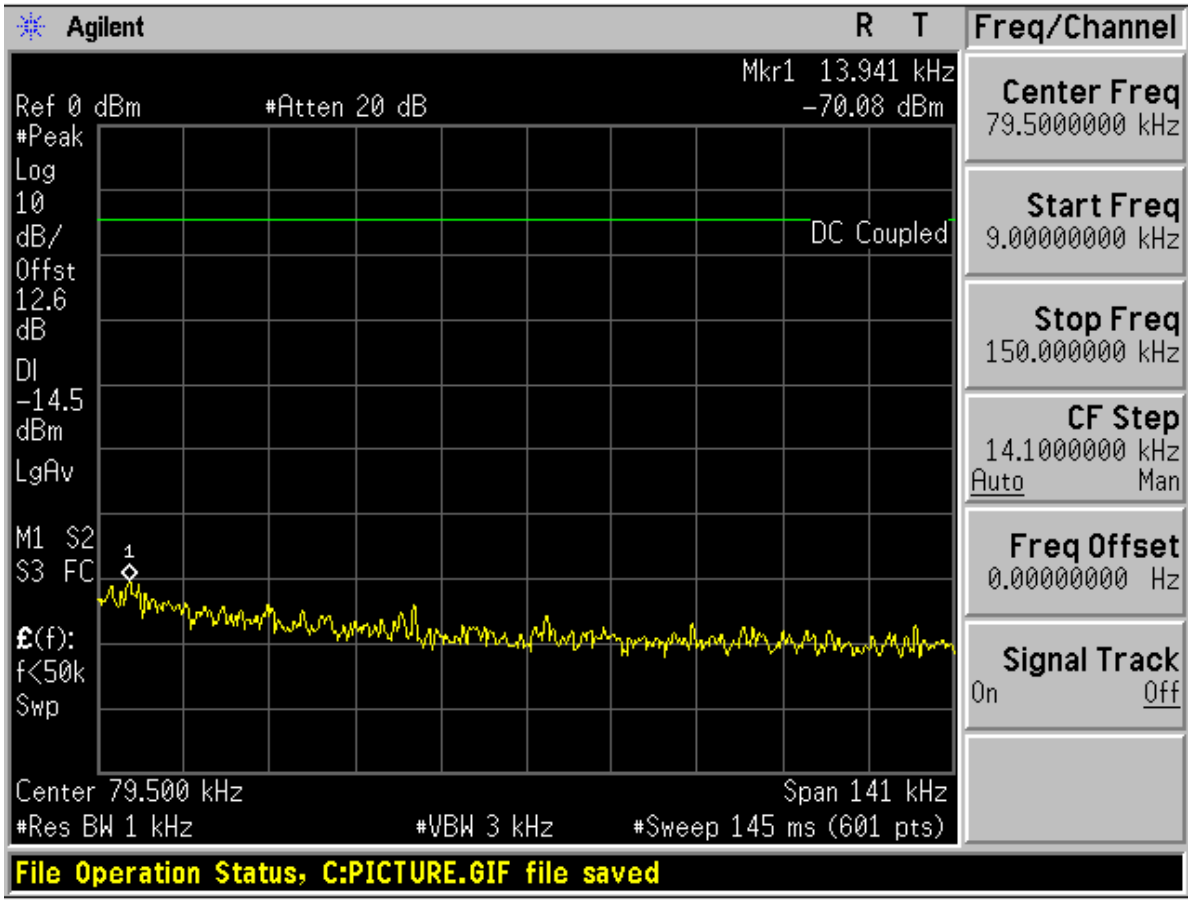
Channel 0

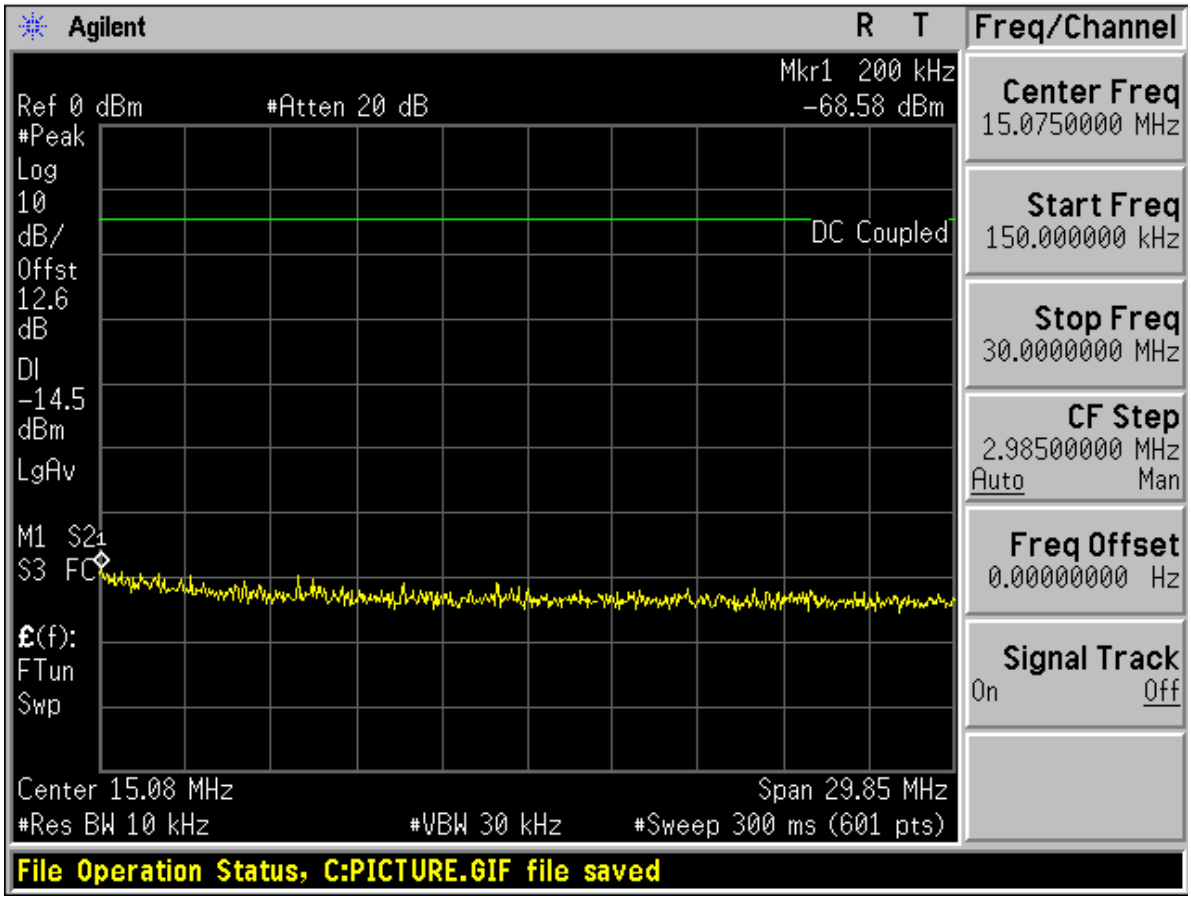


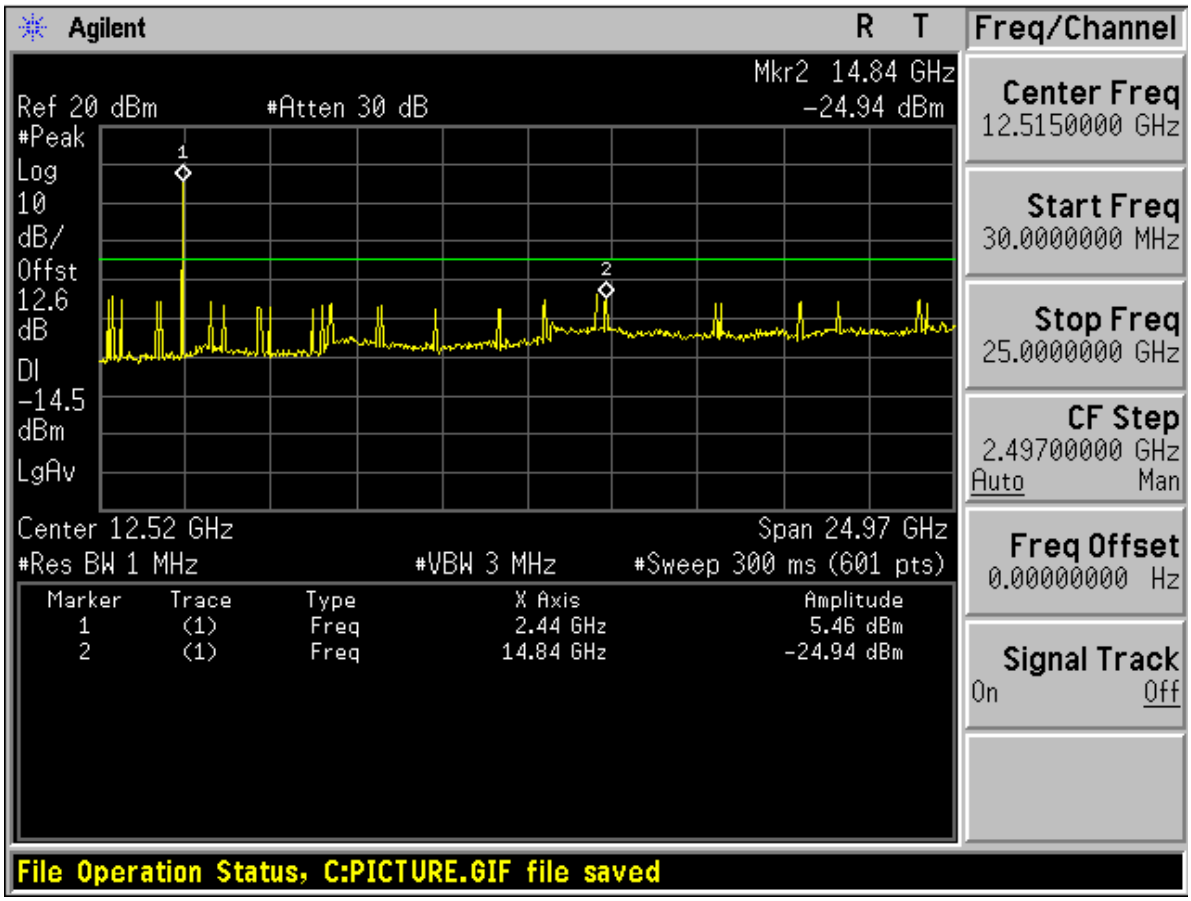

Agilent
R T
Freq/Channel
Mkr1 200 kHz
Ref 0 dBm
#Atten 20 dB
-68.49 dBm
#Peak
Log
10
dB/
Offst
12.6
dB
Dl
-14.0
dBm
LgAv
DC Coupled
M1 S2
S3 FC
£(f):
FTun
Swp
Center Freq
15.0750000 MHz
Start Freq
150.000000 kHz
Stop Freq
30.0000000 MHz
CF Step
2.98500000 MHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Center 15.08 MHz
Span 29.85 MHz
#Res BW 10 kHz
#VBW 30 kHz
#Sweep 300 ms (601 pts)
File Operation Status, C:PICTURE.GIF file saved


Agilent
R T
Freq/Channel
Mkr2 24.36 GHz
Ref 20 dBm
#Atten 30 dB
-24.33 dBm
#Peak
Log
10
dB/
Offst
12.6
dB
Dl
-14.0
dBm
LgAv
Center Freq
12.5150000 GHz
Start Freq
30.0000000 MHz
Stop Freq
25.0000000 GHz
CF Step
2.49700000 GHz
Auto
Man
Center 12.52 GHz
Span 24.97 GHz
#Res BW 1 MHz
#VBW 3 MHz
#Sweep 300 ms (601 pts)
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.40 GHz 6.03 dBm
2 (1) Freq 24.36 GHz -24.33 dBm
File Operation Status, C:PICTURE.GIF file saved

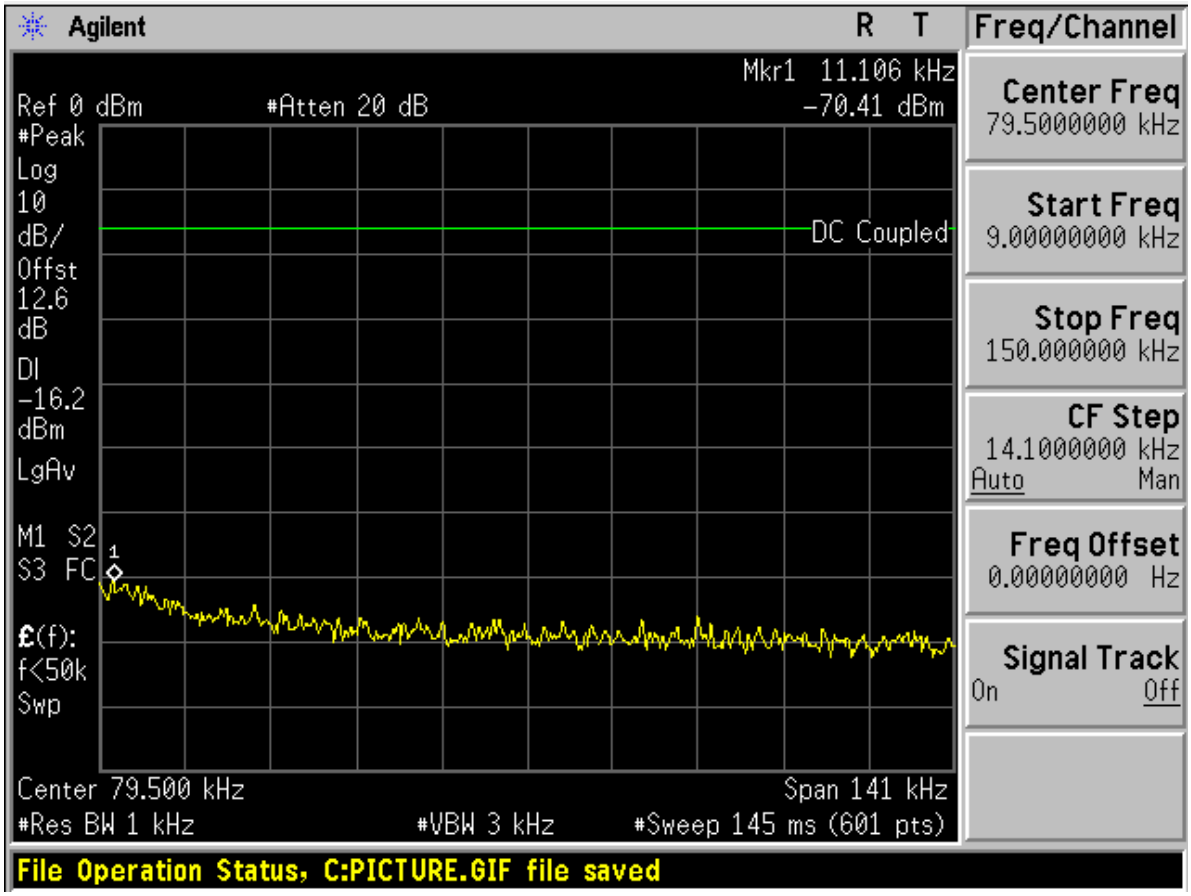
Channel 40

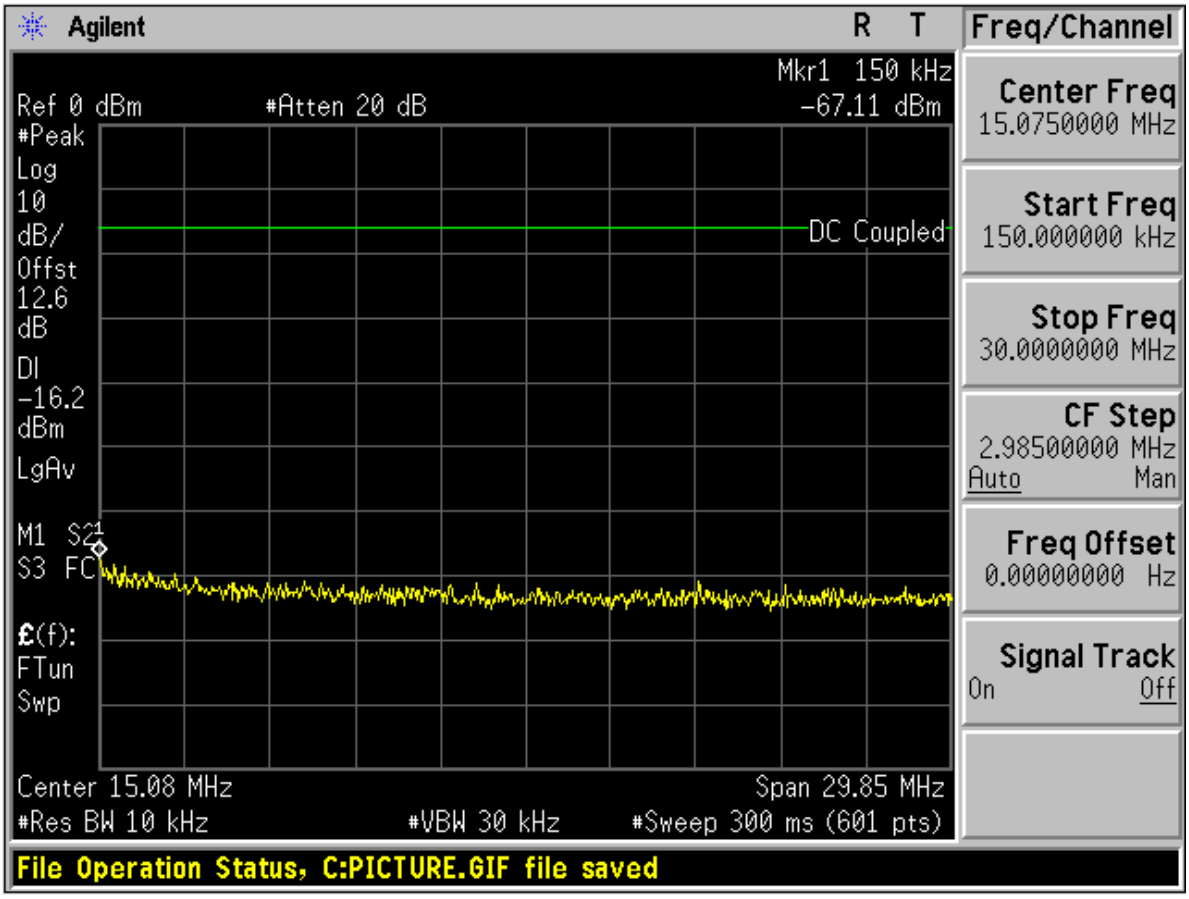

Agilent
R T
Freq/Channel
Mkr1 13.941 kHz
Ref 0 dBm
#Atten 20 dB
-70.08 dBm
#Peak
Log
10
dB/
Offst
12.6
dB
Dl
-14.5
dBm
LgAv
M1 S2
S3 FC
£(f):
f<50k
Swp
DC Coupled
Center Freq
79.5000000 kHz
Start Freq
9.00000000 kHz
Stop Freq
150.000000 kHz
CF Step
14.1000000 kHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Center 79.500 kHz
Span 141 kHz
#Res BW 1 kHz
#VBW 3 kHz
#Sweep 145 ms (601 pts)
File Operation Status, C:PICTURE.GIF file saved

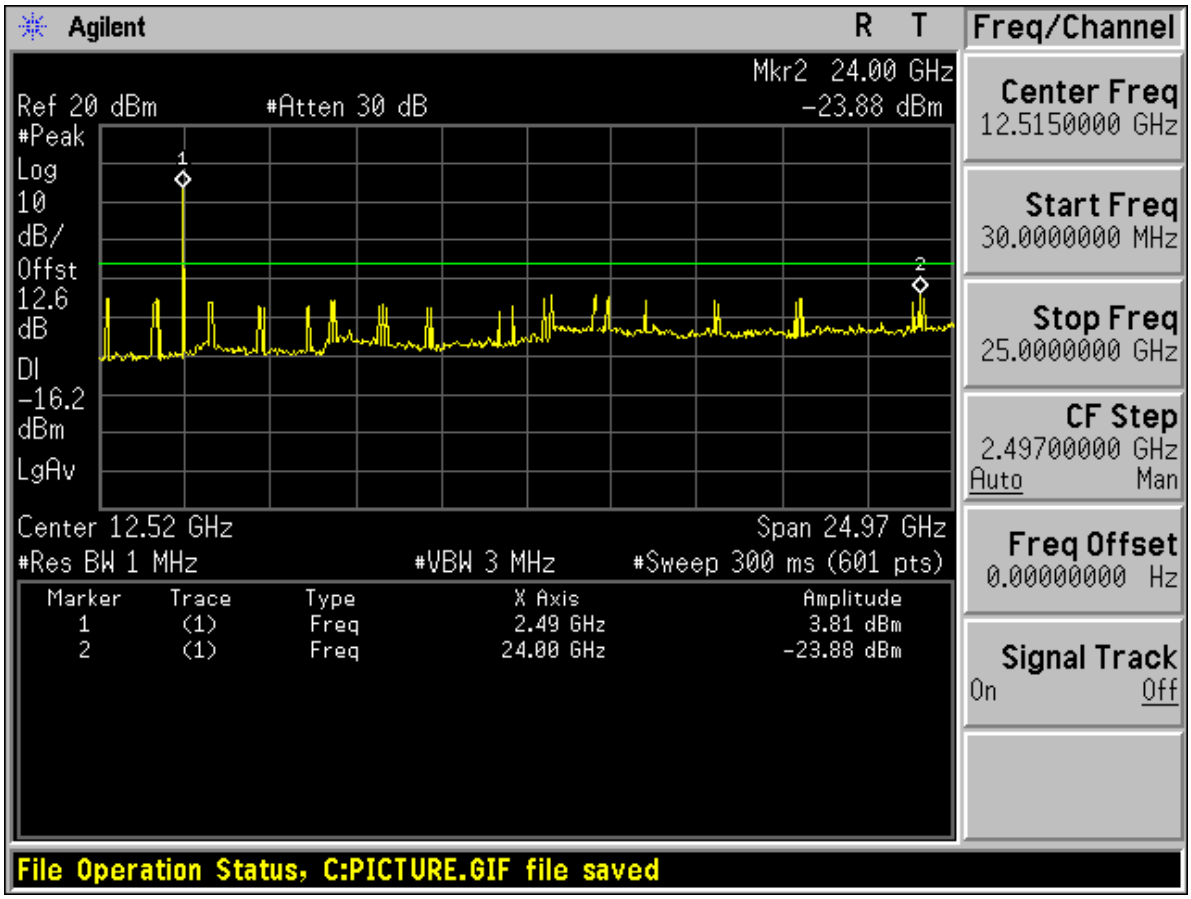

Agilent
R T
Freq/Channel
Mkr1 200 kHz
-68.58 dBm
Ref 0 dBm
#Atten 20 dB
#Peak
Log
10
dB/
Offst
12.6
dB
Dl
-14.5
dBm
LgAv
DC Coupled
M1 S2
S3 FC
£(f):
FTun
Swp
Center Freq
15.0750000 MHz
Start Freq
150.000000 kHz
Stop Freq
30.0000000 MHz
CF Step
2.98500000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Center 15.08 MHz
Span 29.85 MHz
#Res BW 10 kHz
#VBW 30 kHz
#Sweep 300 ms (601 pts)
File Operation Status, C:PICTURE.GIF file saved


Agilent
R T
Freq/Channel
Mkr2 14.84 GHz
Ref 20 dBm
#Atten 30 dB
-24.94 dBm
#Peak
Log
10
dB/
Offst
12.6
dB
Dl
-14.5
dBm
LgAv
Center Freq
12.5150000 GHz
Start Freq
30.0000000 MHz
Stop Freq
25.0000000 GHz
CF Step
2.49700000 GHz
Auto
Man
Center 12.52 GHz
Span 24.97 GHz
#Res BW 1 MHz
#VBW 3 MHz
#Sweep 300 ms (601 pts)
Freq Offset
0.00000000 Hz
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.44 GHz 5.46 dBm
2 (1) Freq 14.84 GHz -24.94 dBm
Signal Track
On
Off
File Operation Status, C:PICTURE.GIF file saved

Channel 78


Agilent
R T
Freq/Channel
Mkr1 11.106 kHz
Ref 0 dBm
#Atten 20 dB
-70.41 dBm
#Peak
Log
10
dB/
Offst
12.6
dB
Dl
-16.2
dBm
LgAv
DC Coupled
M1 S2
S3 FC
1
£(f):
f<50k
Swp
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
Center 79.500 kHz
Span 141 kHz
#Res BW 1 kHz
#VBW 3 kHz
#Sweep 145 ms (601 pts)
File Operation Status, C:PICTURE.GIF file saved


Agilent
R T
Freq/Channel
Mkr1 150 kHz
Ref 0 dBm
#Atten 20 dB
-67.11 dBm
#Peak
Log
10
dB/
Offst
12.6
dB
Dl
-16.2
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 300 ms (601 pts)
File Operation Status, C:PICTURE.GIF file saved


Agilent
R T
Freq/Channel
Mkr2 24.00 GHz
Ref 20 dBm
#Atten 30 dB
-23.88 dBm
#Peak
Log
10
dB/
Offst
12.6
dB
Dl
-16.2
dBm
LgAv
Center Freq
12.5150000 GHz
Start Freq
30.0000000 MHz
Stop Freq
25.0000000 GHz
CF Step
2.49700000 GHz
Auto
Man
Center 12.52 GHz
Span 24.97 GHz
#Res BW 1 MHz
#VBW 3 MHz
#Sweep 300 ms (601 pts)
Freq Offset
0.00000000 Hz
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.49 GHz 3.81 dBm
2 (1) Freq 24.00 GHz -23.88 dBm
Signal Track
On
Off
File Operation Status, C:PICTURE.GIF file saved