

## **Appendix E**

This Appendix contains additional plots intended to show compliance with the out-of-band emission requirements in the band from highest band-edge frequency (for channels 0, 2, and 5) to 6 GHz.

Agilent 19:54:59 Nov 8, 2001

QPSK CHO

Ref 5 dBm

Peak

Log

10

dB/

Offst

1

dB

DI

-46.0

dBm

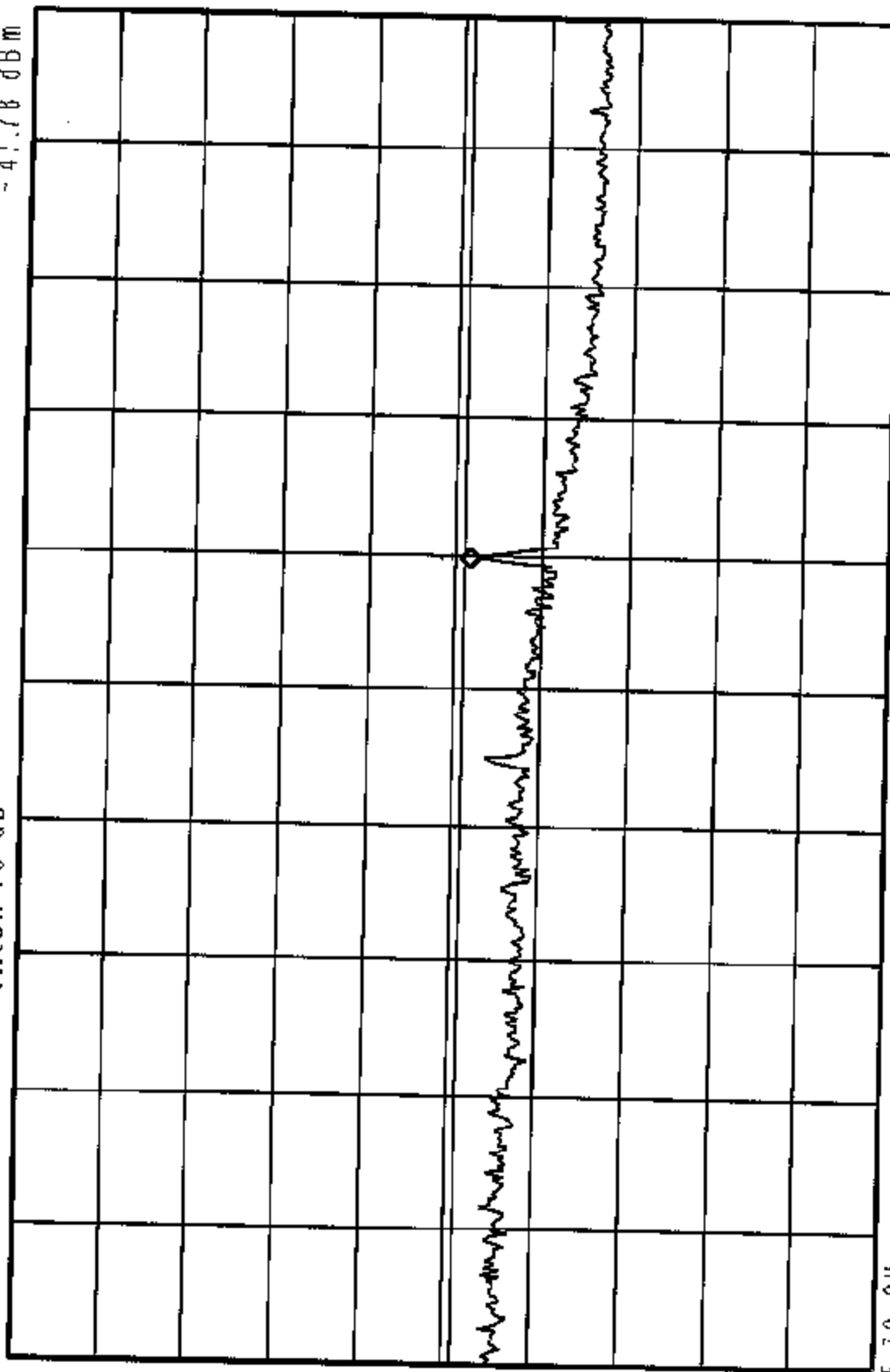
M1 S2

S3 FC

AA

Mkr1 5.9155 GHz  
-41.78 dBm

Atten 15 dB



Start 5.79 GHz

#Res BW 1 MHz

#VBW 100 kHz

Sweep 4 ms (401 pts)  
Stop 6 GHz

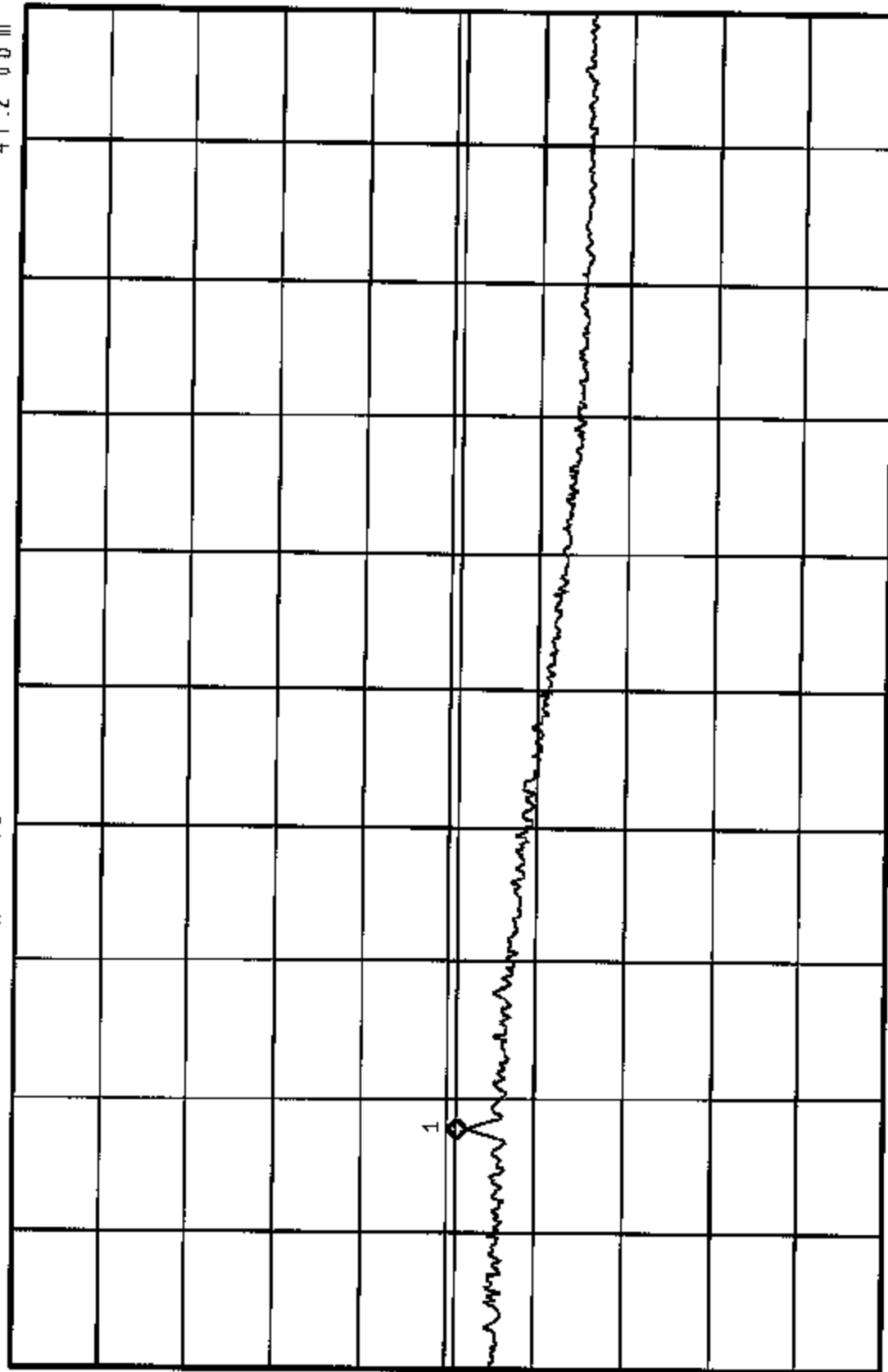
Agilent 19:53:20 Nov 8, 2001

QPSK CH5

Ref 5 dBm

Atten 15 dB

Mkri 5.8840 GHz  
-47.2 dBm



Peak

Log

10

dB/

Offst

1

dB

DI

-46.0

dBm

M1 S2

S3 = C

AA

Center 5.929 GHz

#Res BW 1 MHz

Span 141 MHz

Sweep 4 ms (401 pts)

#VBW 100 kHz

Agilent 19:49:17 Nov 8, 2001

QAM8 CH0

Ref 5 dBm

Peak

Log

10

dB/

Offst

1

dB

DI

-46.0

dBm

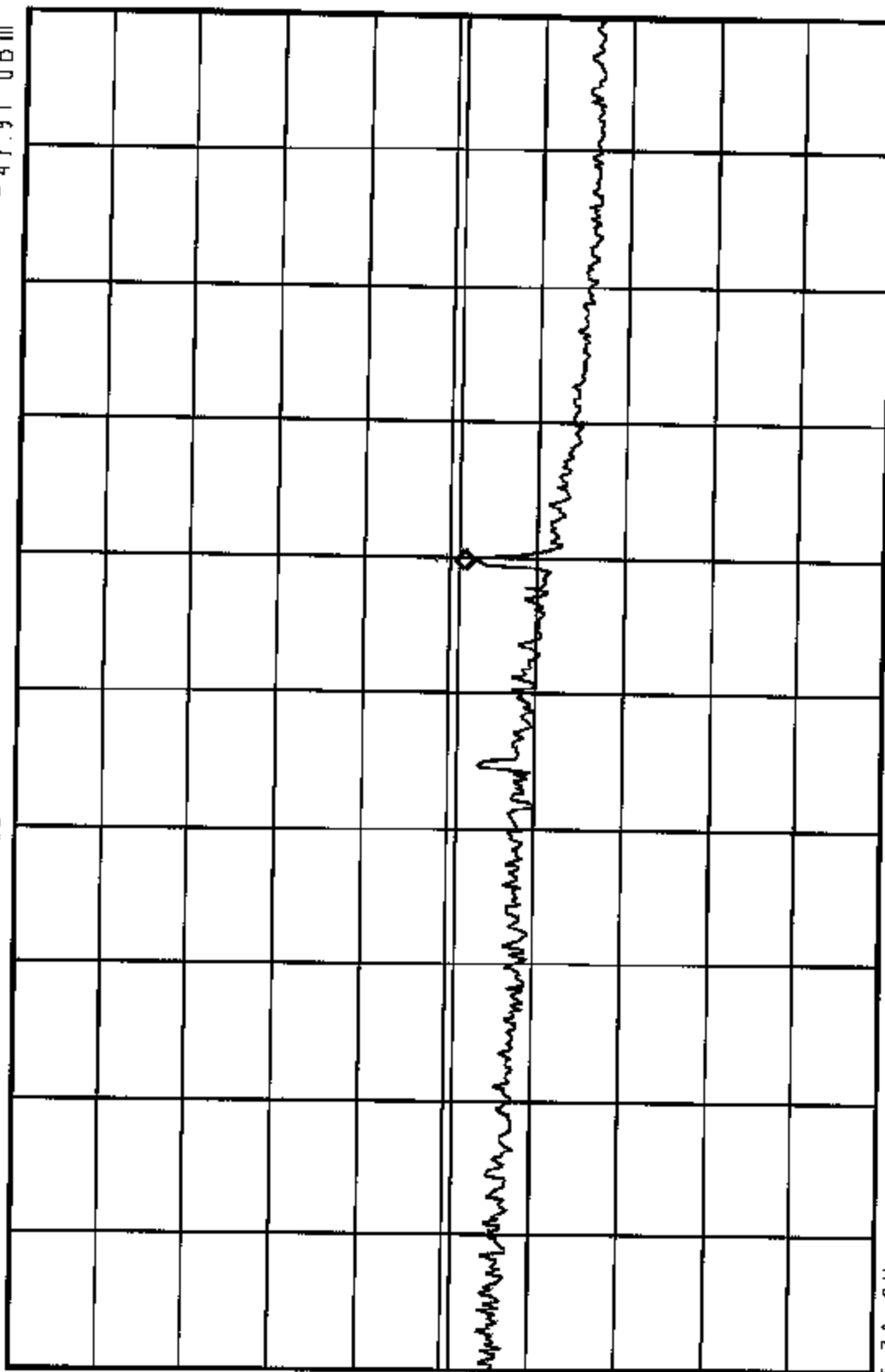
M1 S2

S3 FC

AA

Mkr1 5.9155 GHz  
-47.91 dBm

Atten 15 dB



Start 5.79 GHz

#Res BW1 MHz

#VBW 100 kHz

Sweep 4 ms (401 pts)  
Stop 6 GHz

Agilent 19:51:09 Nov 8, 2001

QAM8 CH5

Ref 5 dBm

Peak

Log

10

dB/

Offst

1

dB

DI

-46.0

dBm

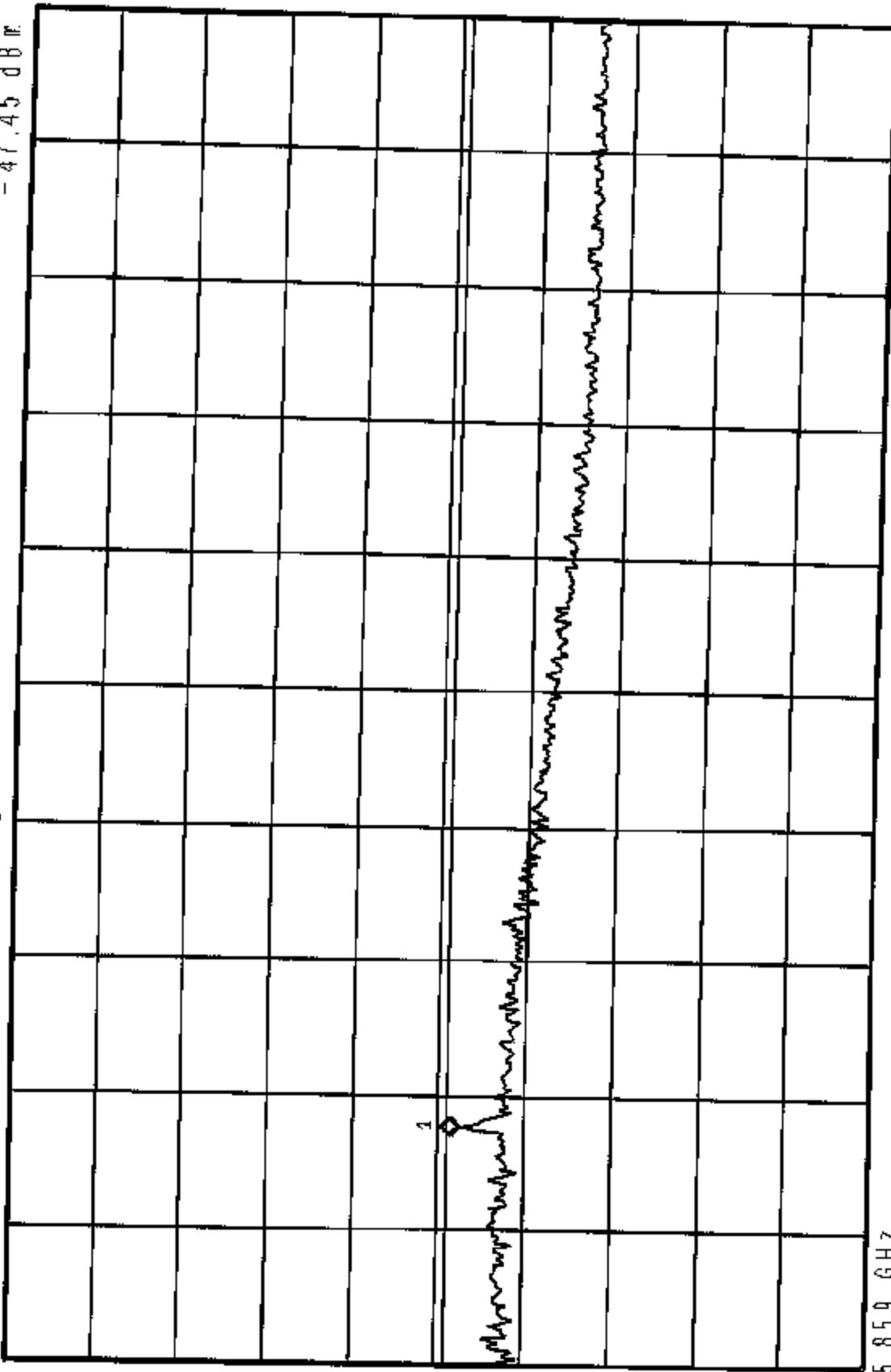
M1 S2

S3 FC

AA

Mkr1 5.8840 GHz  
-47.45 dBm

Atten 15 dB



Start 5.859 GHz

#Res BW 1 MHz

#VBW 100 kHz

Stop 6 GHz  
Sweep 4 ns (401 pts)

Agilent 19:46:14 Nov 8, 2001

QAM16 CH0

Ref 5 dBm

Peak

Log

10

dB/

Offst

1

dB

DI

-46.0

dBm

M1 S2

S3 FC

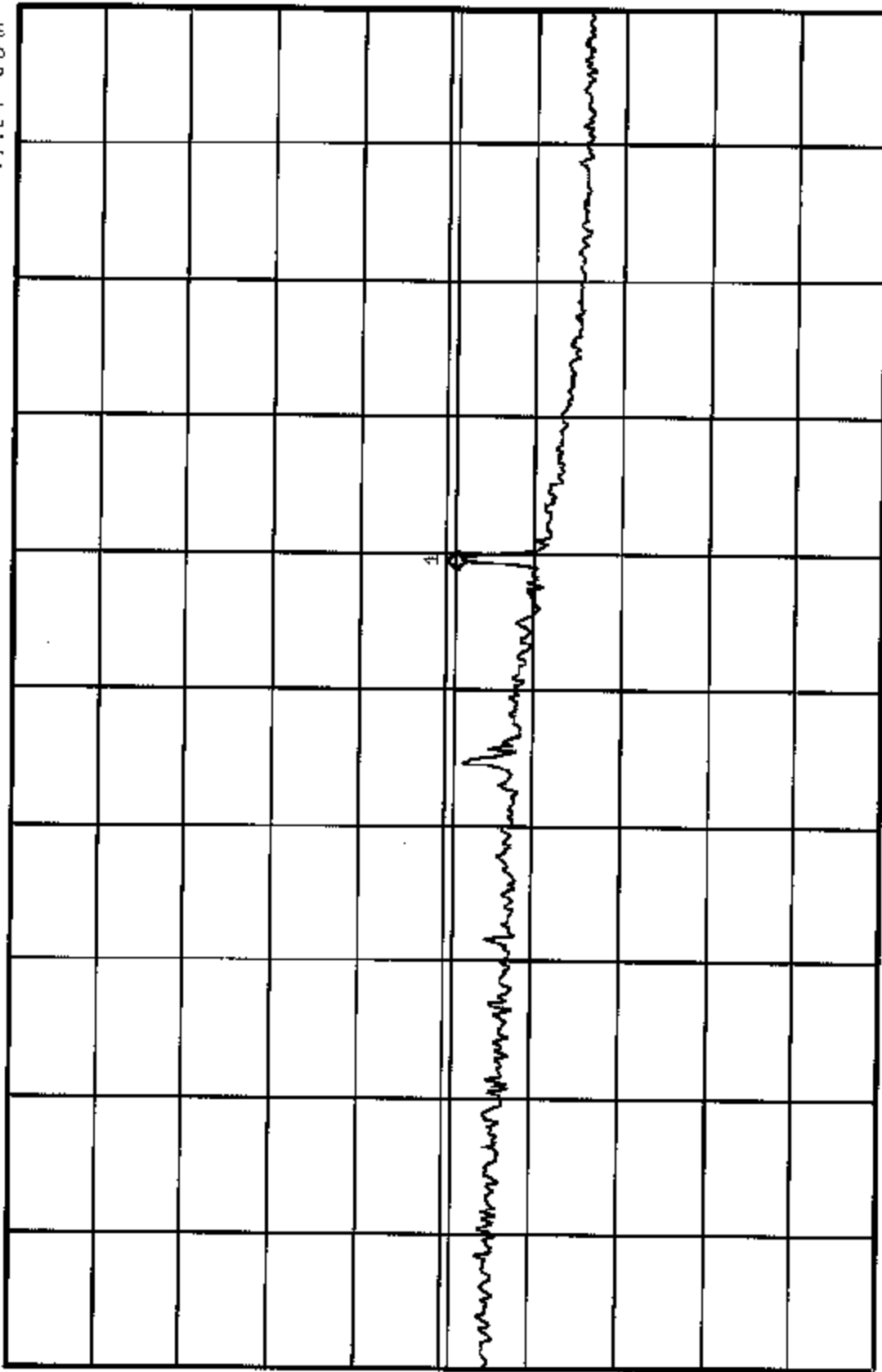
AA

Start 5.79 GHz

Res BW 1 MHz

Mkr1 5.5150 GHz  
-47.21 dBm

Atten 15 dB



Stop 6 GHz  
Sweep 4 ns (401 pts)

#VBW 100 kHz

Agilent 19:40:30 Nov 8, 2001

GAM16 CH5

Ref 5 dBm

Peak

Log

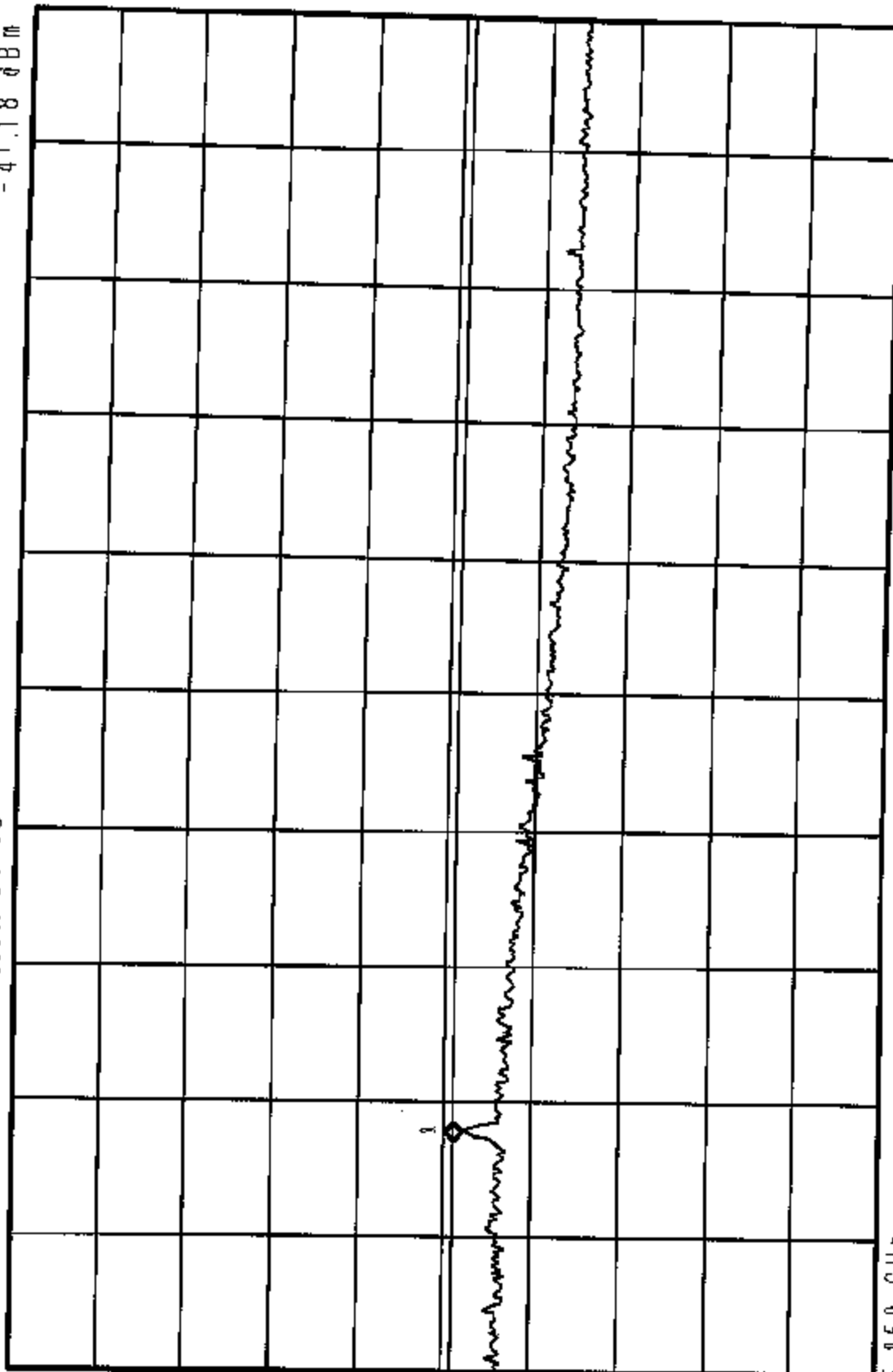
10

dB/

#Atten 20 dB

Mkr1 5.8840 GHz

-47.18 dBm



D1

-46.0

dBm

M1 S2

S3 FC

AA

Start 5.859 GHz

Res BW 1 MHz

#VBW 100 kHz

Stop 6 GHz

Sweep 4 ms (401 pts)

Agilent 20:47:35 Nov 8, 2001

QPSK CH2

Ref 5 dBm

Peak

Log

10

dB/

Offset

1

dB

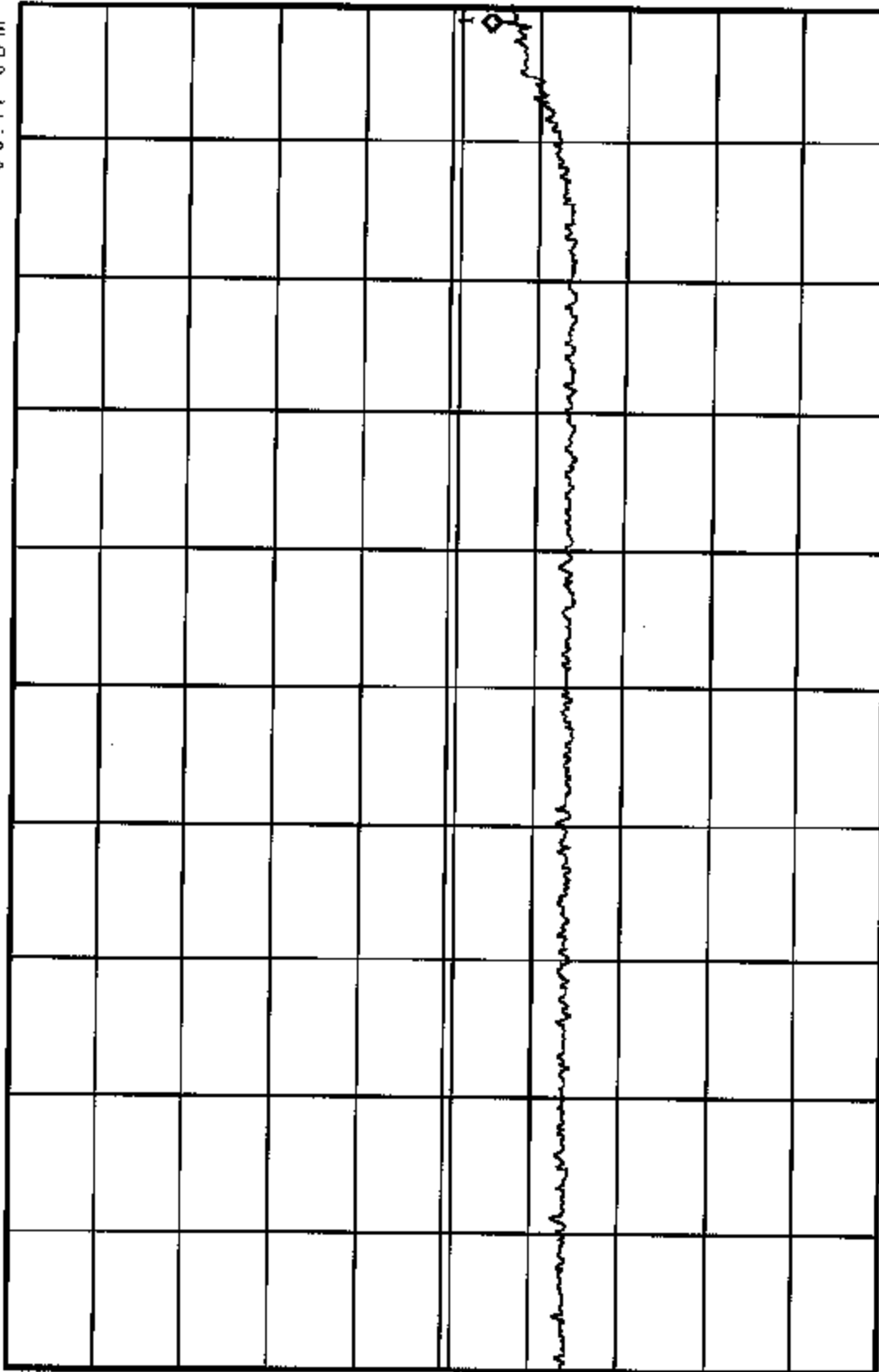
DI

-46.0

dBm

Mkri 5.7111 GHz  
-50.41 dBm

#Atten 20 dB



M1 S2

S3 FC

AA

Start 5.4 GHz

#Res BW 1 MHz

#VBW 100 kHz

Stop 5.715 GHz  
Sweep 4 ms (401 pts)



Agilent 20:46:57 Nov 8, 2001

QPSK CH2

Ref 5 dBm

Peak

Log

10

dB/

Offst

1

dB

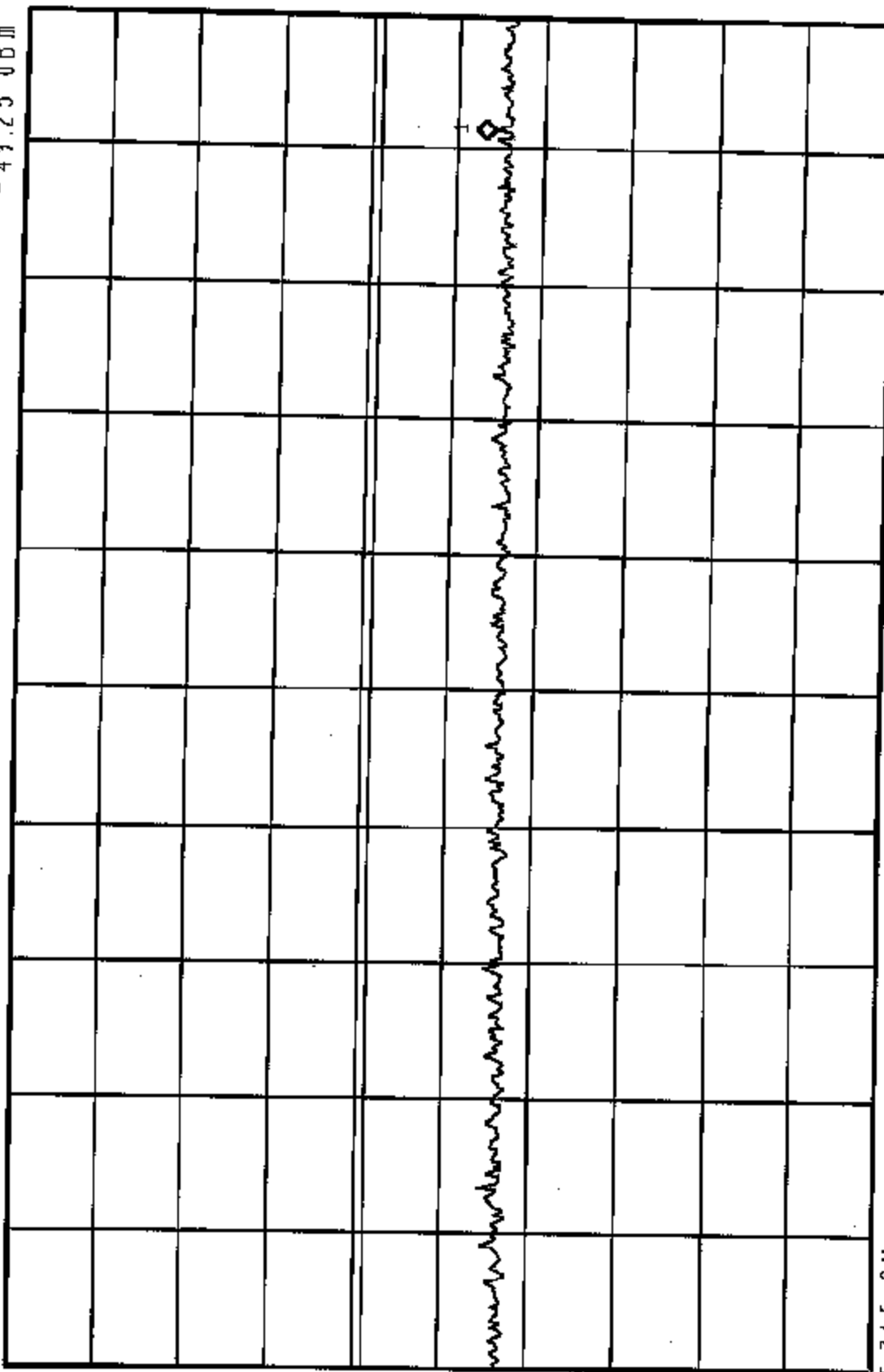
DI

-36.0

dBm

#Atten 20 dB

Mkr1 5.72415 GHz  
-49.25 dBm



M1 S2

S3 FC

AA

Start 5.715 GHz

#Res BW 1 MHz

Stop 5.725 GHz

Sweep 5 ms (401 pts)

#VBW 100 kHz

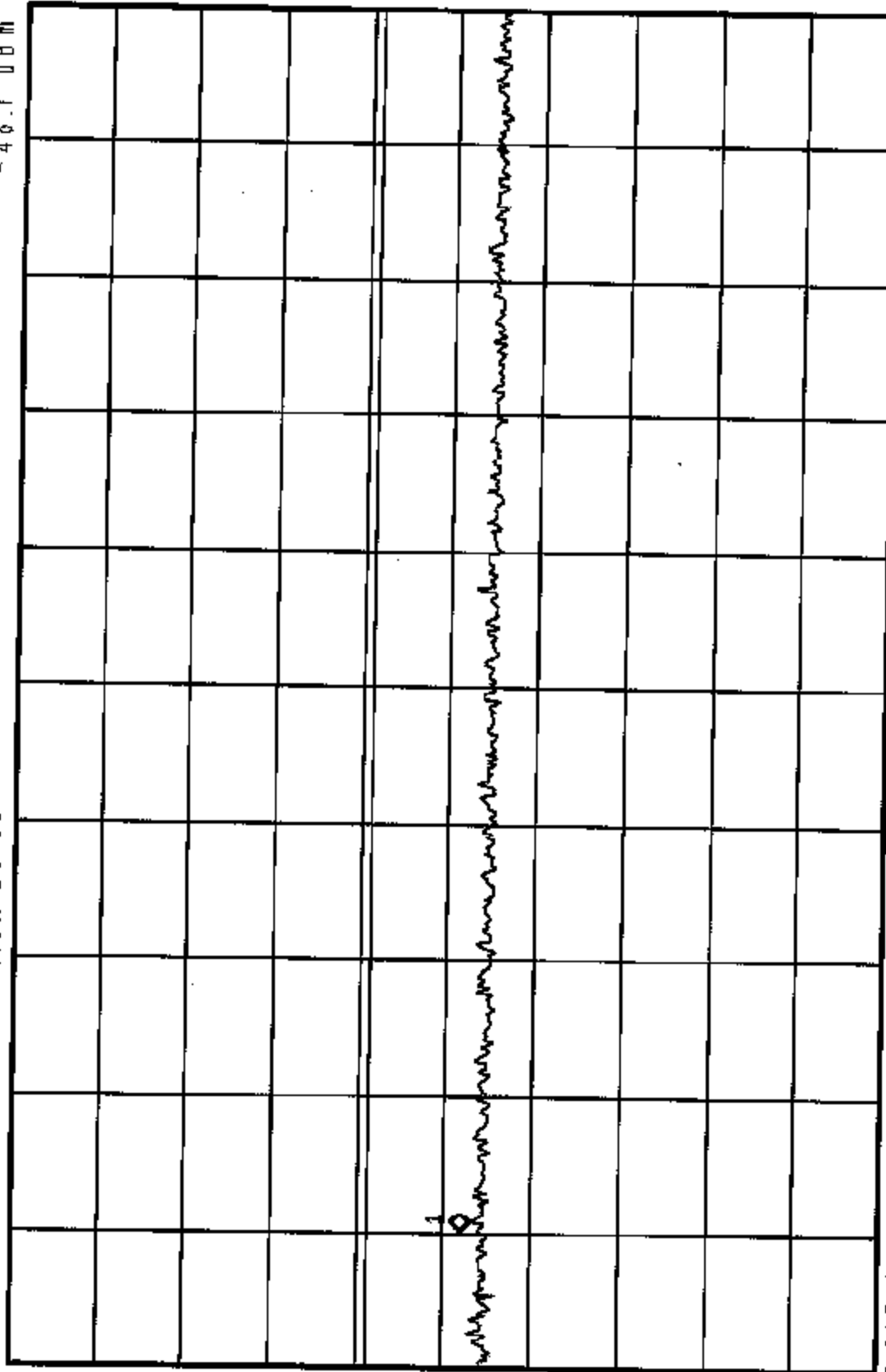
Agilent 20:46:25 Nov 8, 2001

QPSK CH2

Ref 5 dBm

Mkr1 5.82610 GHz  
-48.1 dBm

#Atten 20 dB



Peak  
Log  
10  
dB/  
Offst  
1  
dB  
DI  
-36.0  
dBm

M1 S2  
S3 FC  
AA

Start 5.825 GHz

#Res BW 1 MHz

Stop 5.835 GHz  
Sweep 5 ms (401 pts)

#VBW 100 kHz

Agilent 20:45:41 Nov 8, 2001

QPSK CH2

Ref 5 dBm

Peak

Log

10

dB/

Offst

1

dB

DI

-46.0

dBm

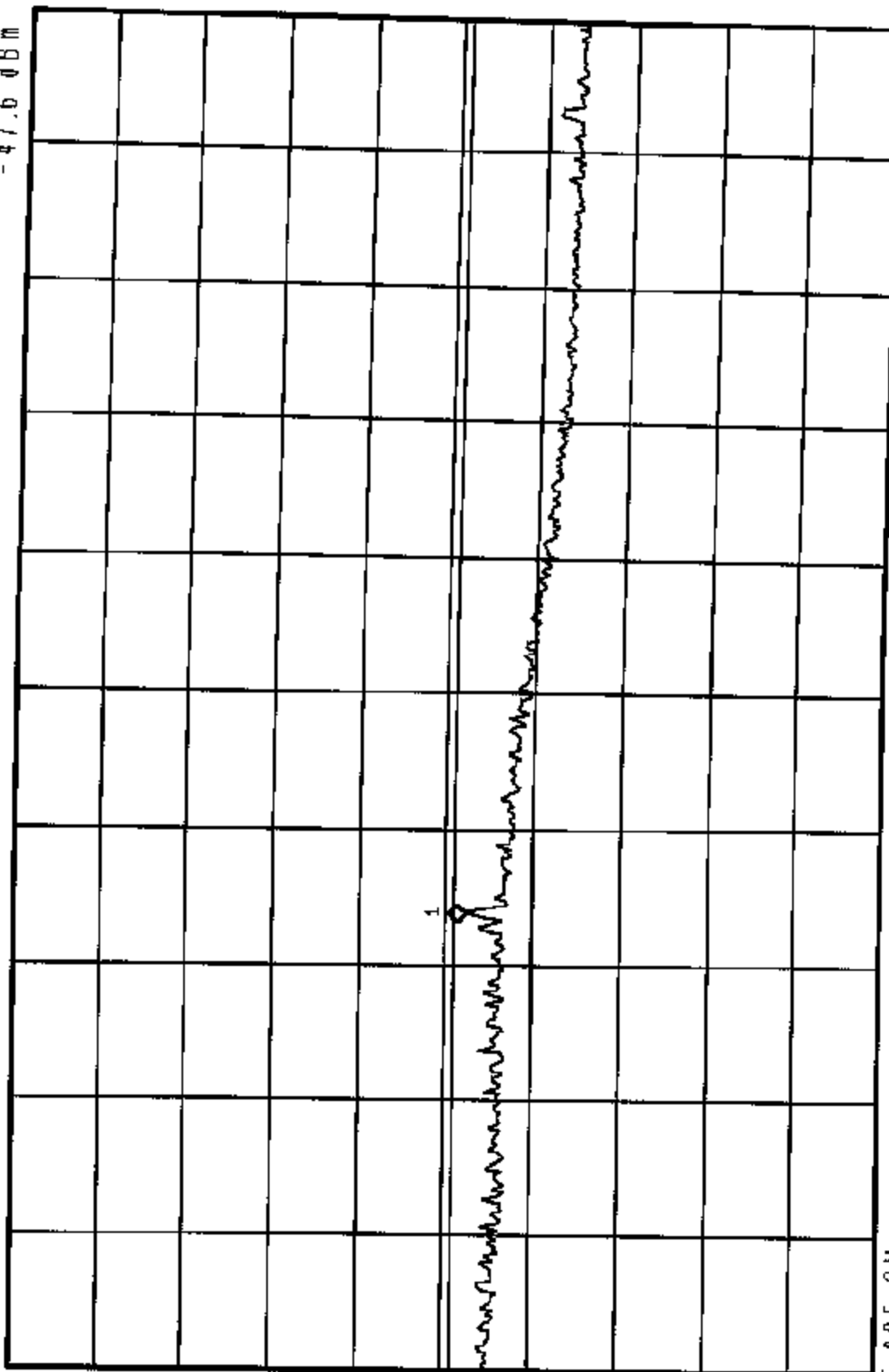
M1 S2

S3 FC

AA

Mk11 5.8841 GHz  
-47.6 dBm

#Atten 20 dB



Start 5.825 GHz

#Res BW 1 MHz

Stop 6 GHz

#VBW 100 kHz

Sweep 4 ms (401 pts)

Agilent 20:41:58 Nov 8, 2001

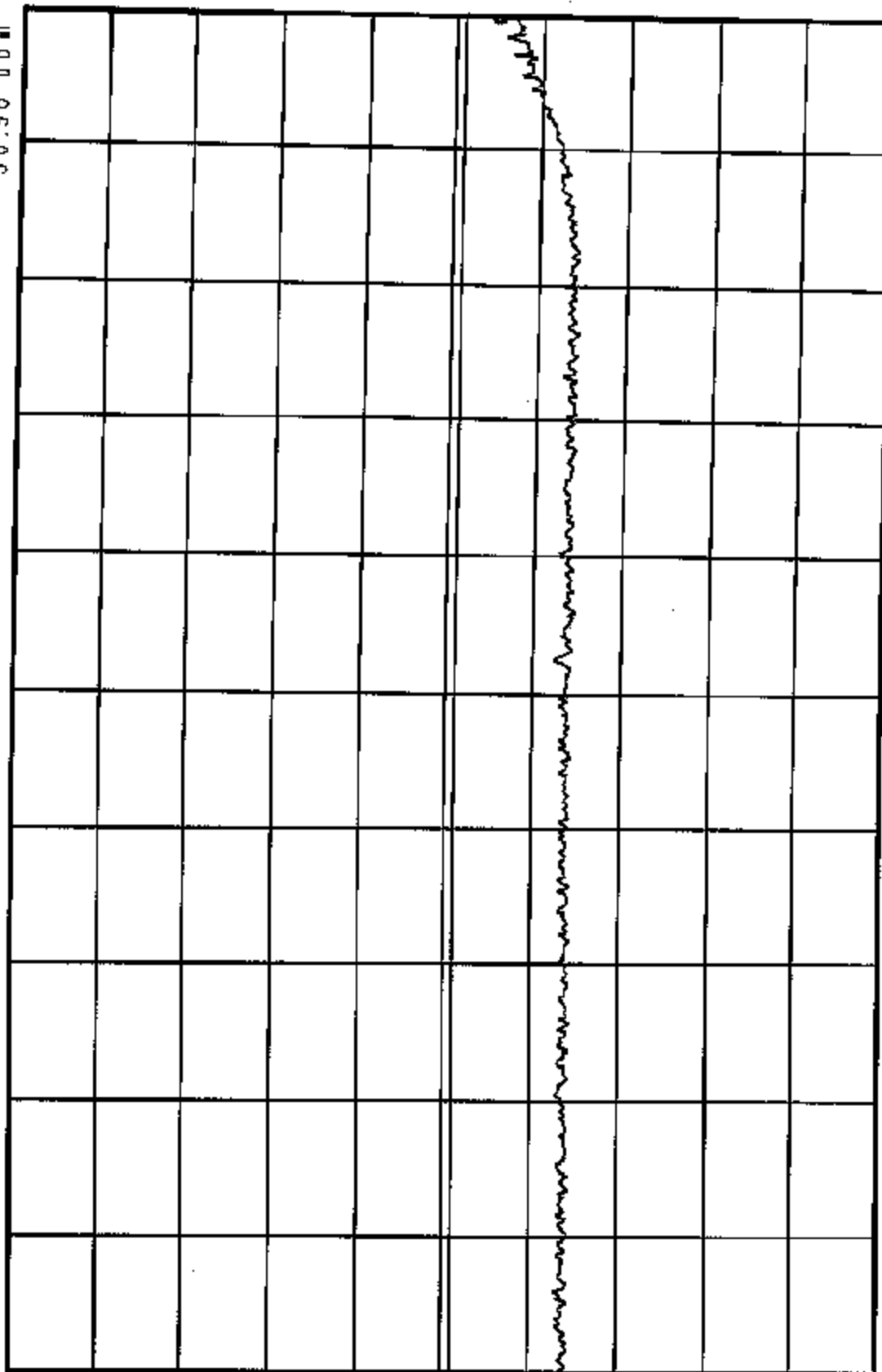
QAMB CH2

Ref 5 dBm

#Atten 20 dB

Mkr1 5.7150 GHz

-50.98 dBm



Peak

Log

10

dB/

Offst

1

dB

DI

-46.0

dBm

M1 S2

S3 FC

AA

Start 5.4 GHz

#Res BW 1 MHz

Stop 5.715 GHz

Sweep 4 ms (401 pts)

#VBW 100 kHz

Agilent 20:41:14 Nov 8, 2001

QAMB CH2

Ref 5 dBm

Peak

Log

10

dB/

Offst

1

dB

DI

-36.0

dBm

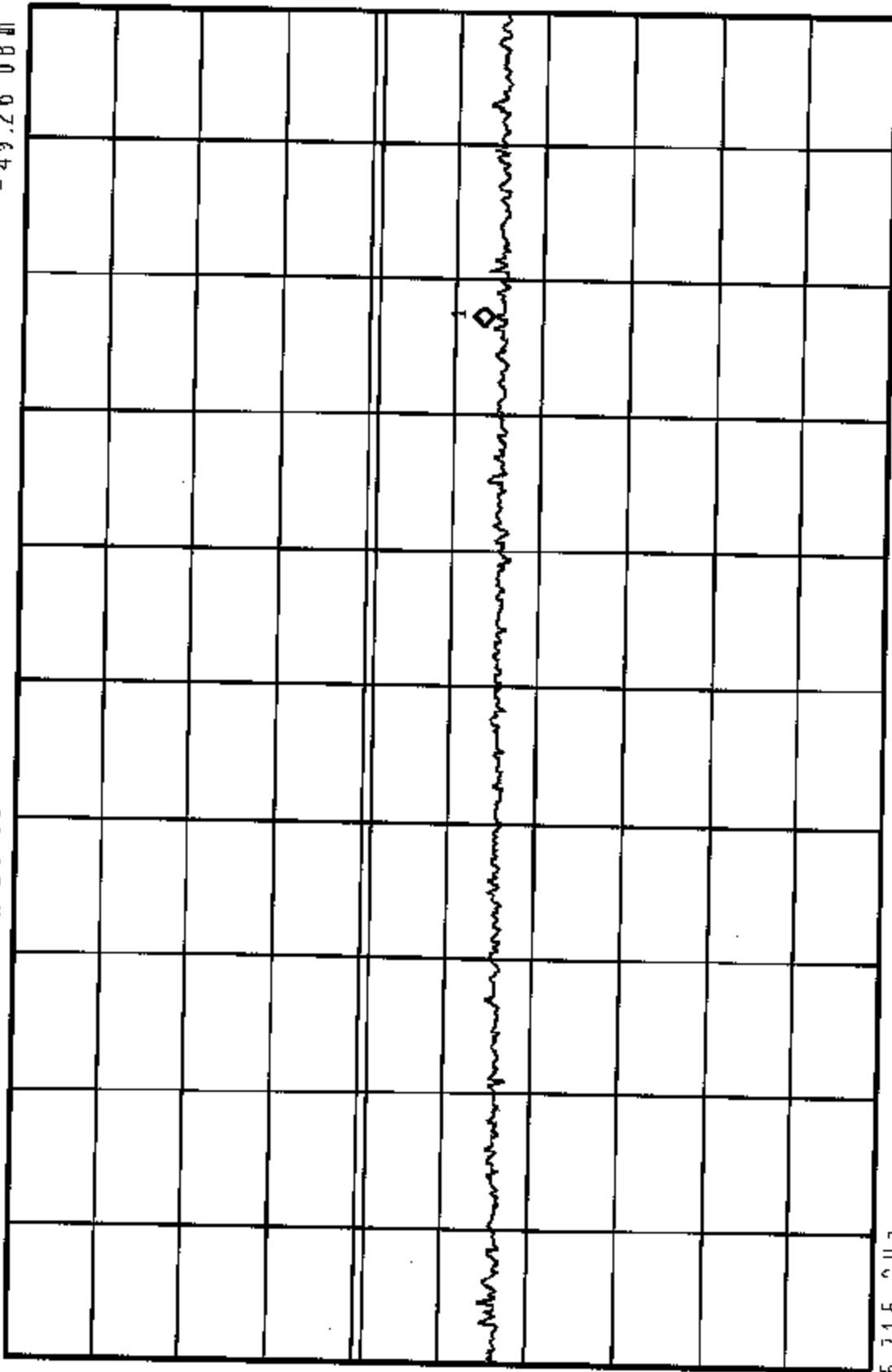
M1 S2

S3 FC

AA

Mkr1 5.72273 GHz  
-49.26 dBm

#Atten 20 dB



Start 5.715 GHz

#Res BW 1 MHz

Stop 5.725 GHz

Sweep 5 ms (401 pts)

#VBW 100 kHz

Agilent 20:42:33 Nov 8, 2001

QAM6 CH2

Ref 5 dBm

Peak

Log

10

dB/

Offst

1

dB

DI

-36.0

dBm

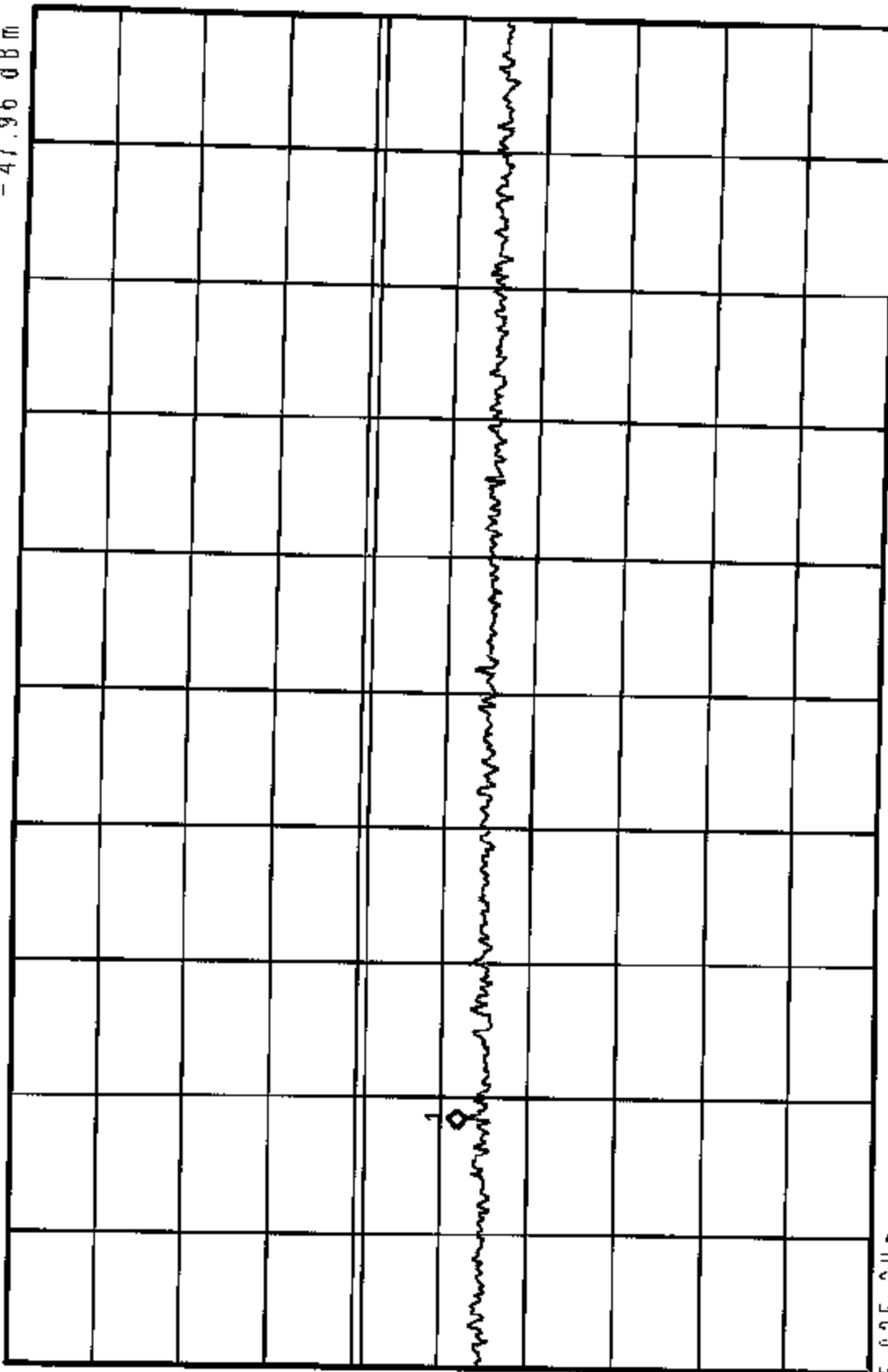
M1 S2

S3 FC

AA

Mkr1 5.82685 GHz  
-47.96 dBm

#Atten 20 dB



Start 5.825 GHz

#Res BW 1 MHz

Stop 5.835 GHz

Sweep 5 ms (401 p[5])

#VBW 100 kHz

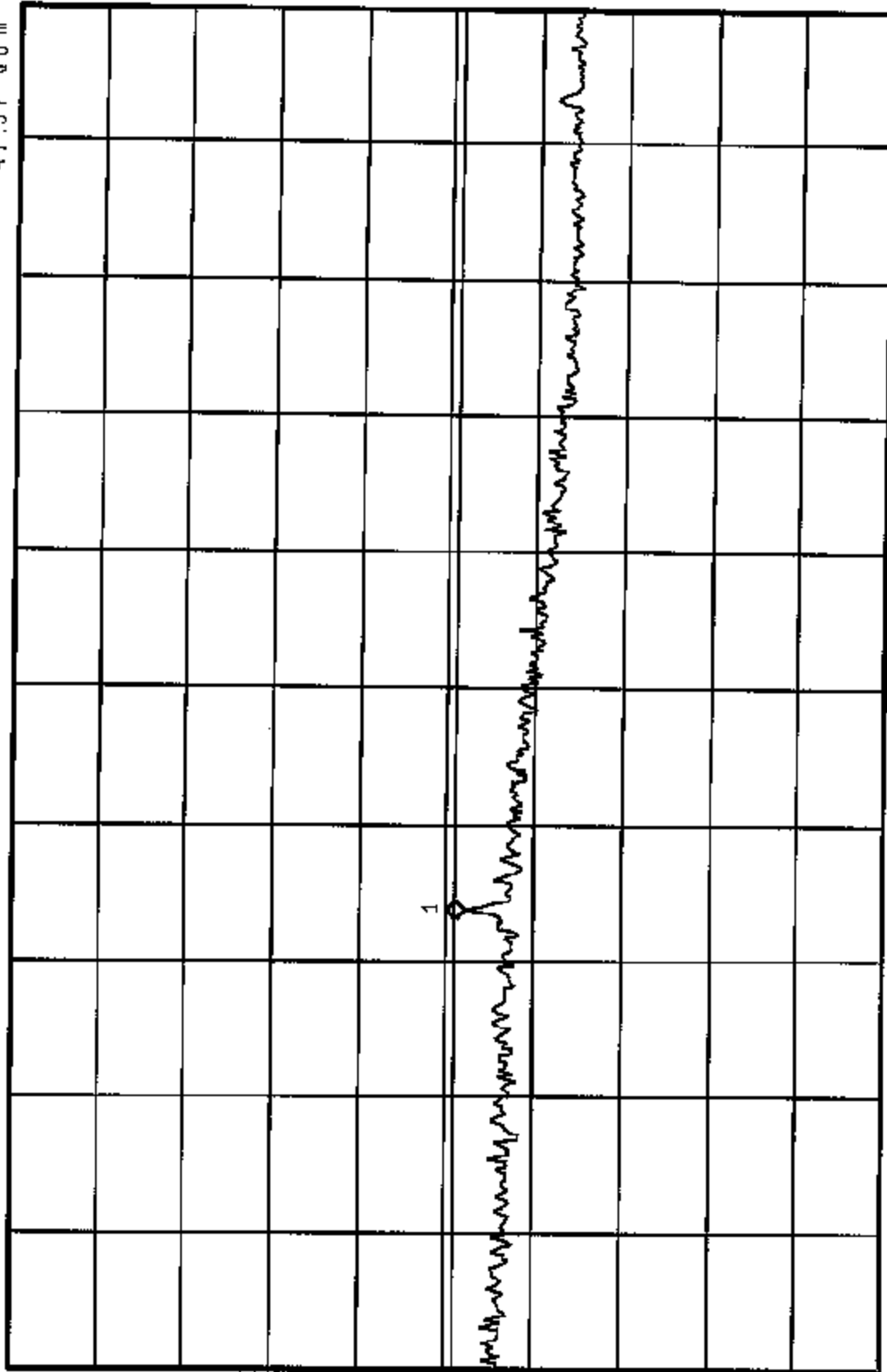
Agilent 20:43:07 Nov 8, 2001

QAM8 CF2

Ref 5 dBm

#Atten 20 dB

Mkr1 5.8841 GHz  
-47.37 dBm



Peak  
Log  
10  
dB/  
Offst  
1  
dB  
DI  
-46.0  
dBm

M1 S2  
S3 FC  
AA

Start 5.825 GHz

#Res BW 1 MHz

#VBW 100 kHz

Stop 6 GHz  
Sweep 4 ms (401 pts)

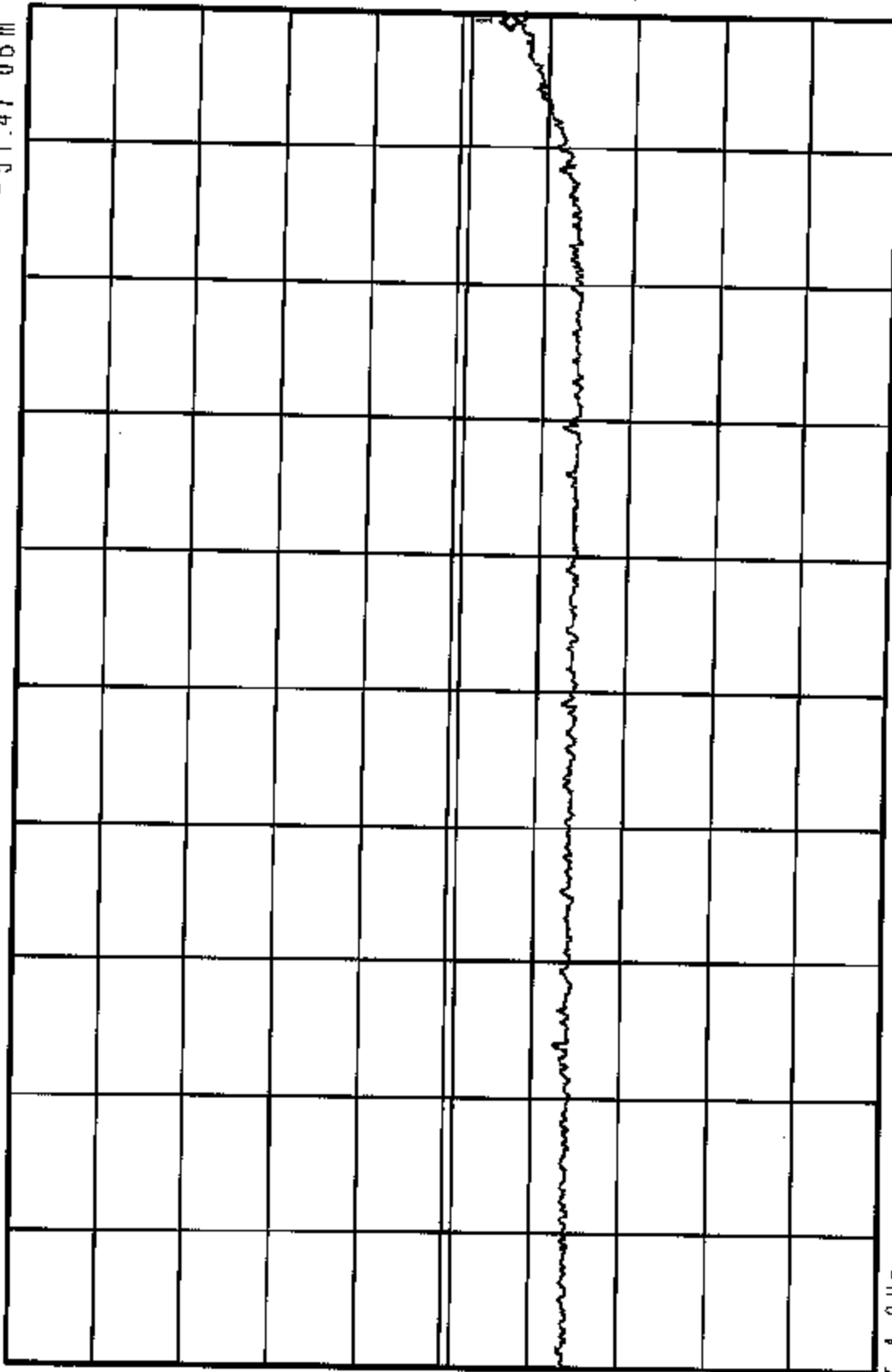
Agilent 20:32:40 Nov 8, 2001

QAM16 CH2

Ref 5 dBm

#Atten 20 dB

Mkr1 5.7126 GHz  
-51.47 dBm



Peak

Log

10

dB/

Offst

1

dB

DI

-46.0

dBm

M1 S2

S3 FC

AA

Start 5.4 GHz

#Res BW 1 MHz

#VBW 100 kHz

Stop 5.715 GHz  
Sweep 4 ms (401 pts)



Agilent 20:33:19 Nov 8, 2001

QAM16 CH2

Ref 5 dBm

Peak

Log

10

dB/

Offst

1

dB

DI

-36.0

dBm

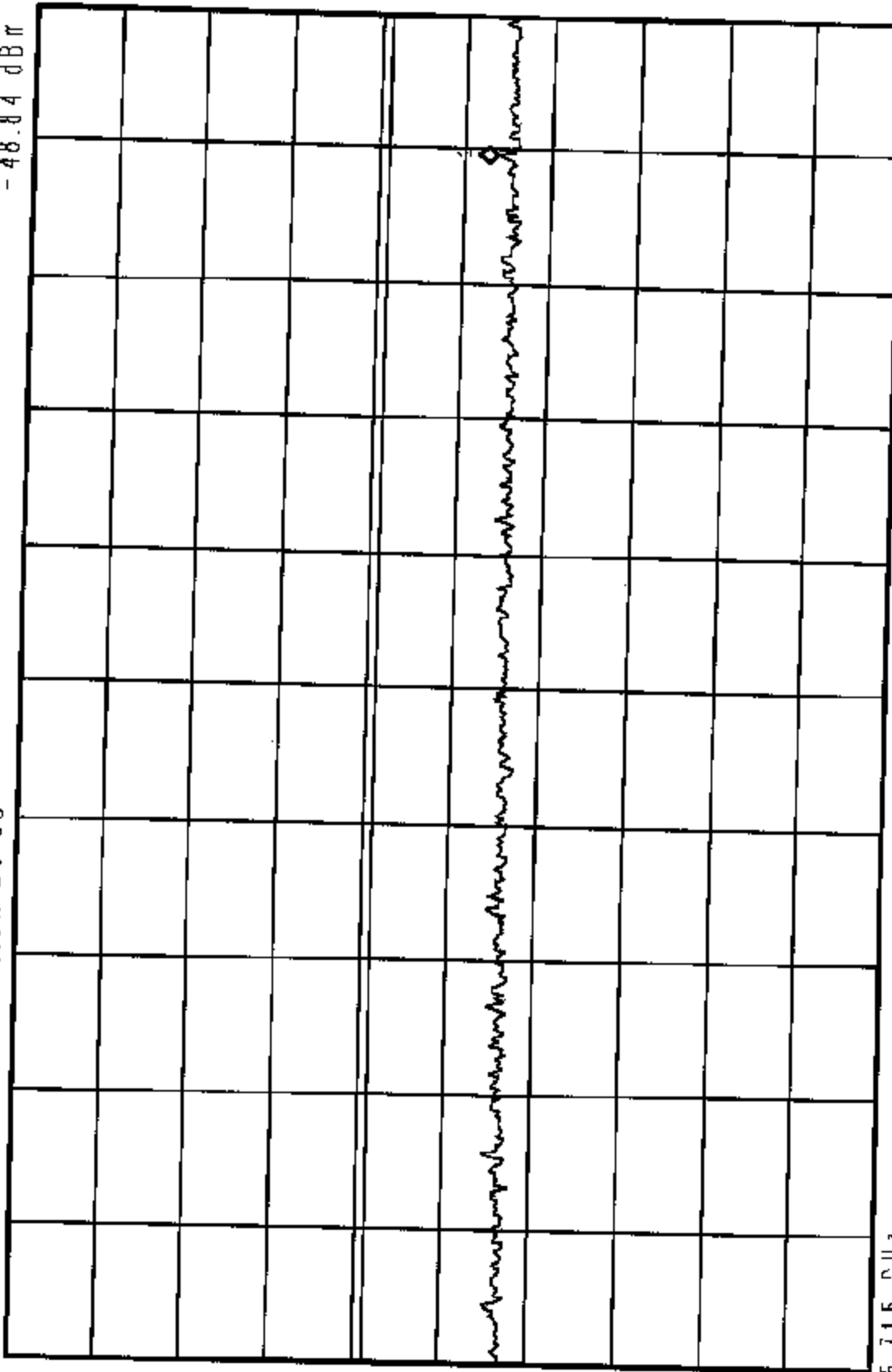
M1 S2

S3 FC

AA

Hzr1 5.72395 GHz  
-48.84 dBm

#Atten 20 dB



Start 5.715 GHz

#Res BW 1 MHz

Stop 5.725 GHz

Sweep 5 ms (401 pts)

#VBW 100 kHz

Agilent 20:33:52 Nov 8, 2001

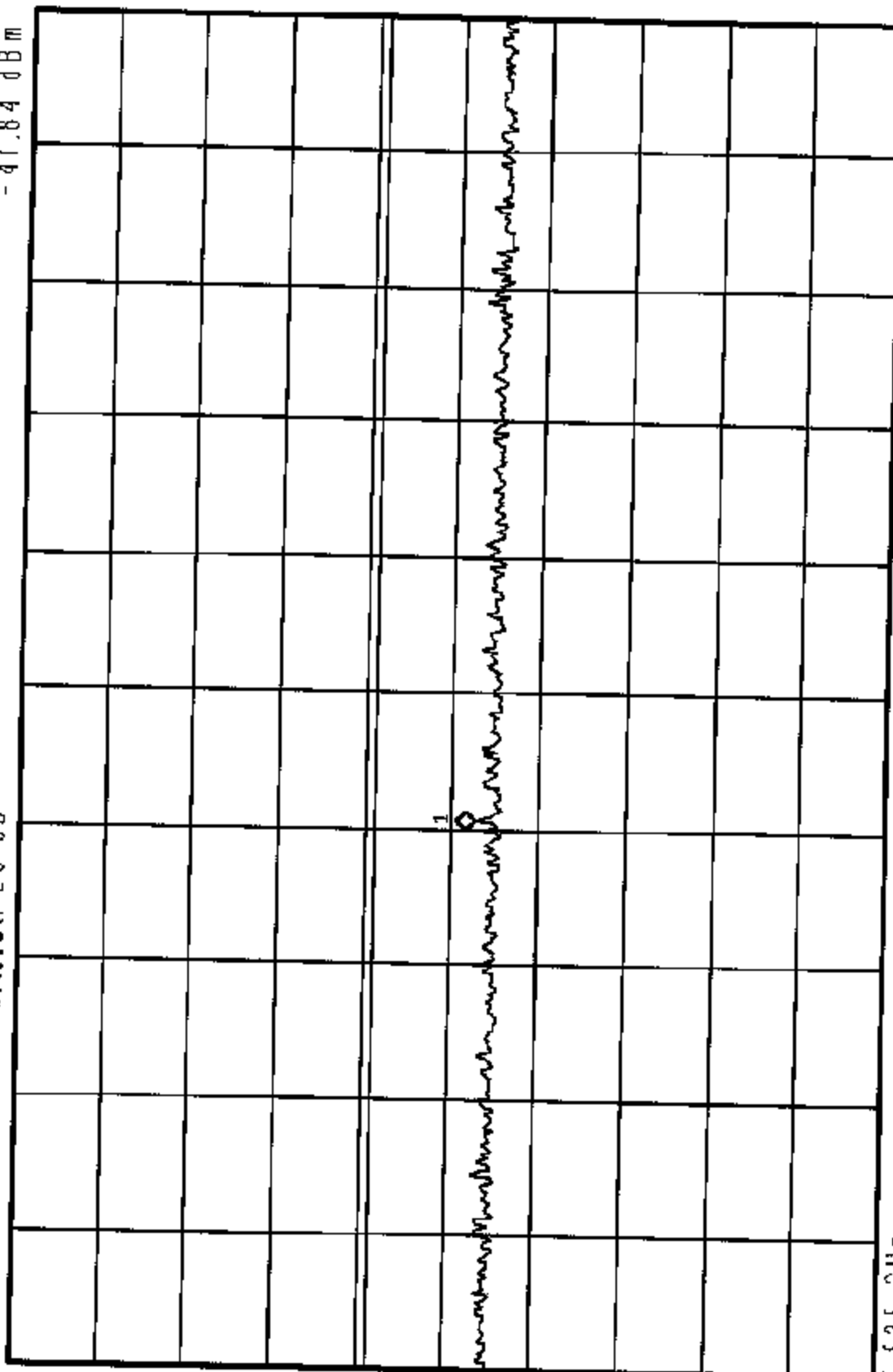
QAM16 CH2

Ref 5 dBm

#Atten 20 dB

Mkr1 5.82908 GHz

-47.84 dBm



Peak

Log

10

dB/

Offst

1

dB

DI

-36.0

dBm

M1 S2

S3 FC

AA

Start 5.825 GHz

#Res BW 1 MHz

#VBW 100 kHz

Stop 5.835 GHz

Sweep 5 ms (401 pts)

Agilent 20:37:32 Nov 8, 2001

QAM16 CH2

Ref 5 dBm

Peak

Log

10

dB/

Offst

1

dB

DI

-46.0

dBm

M1 S2

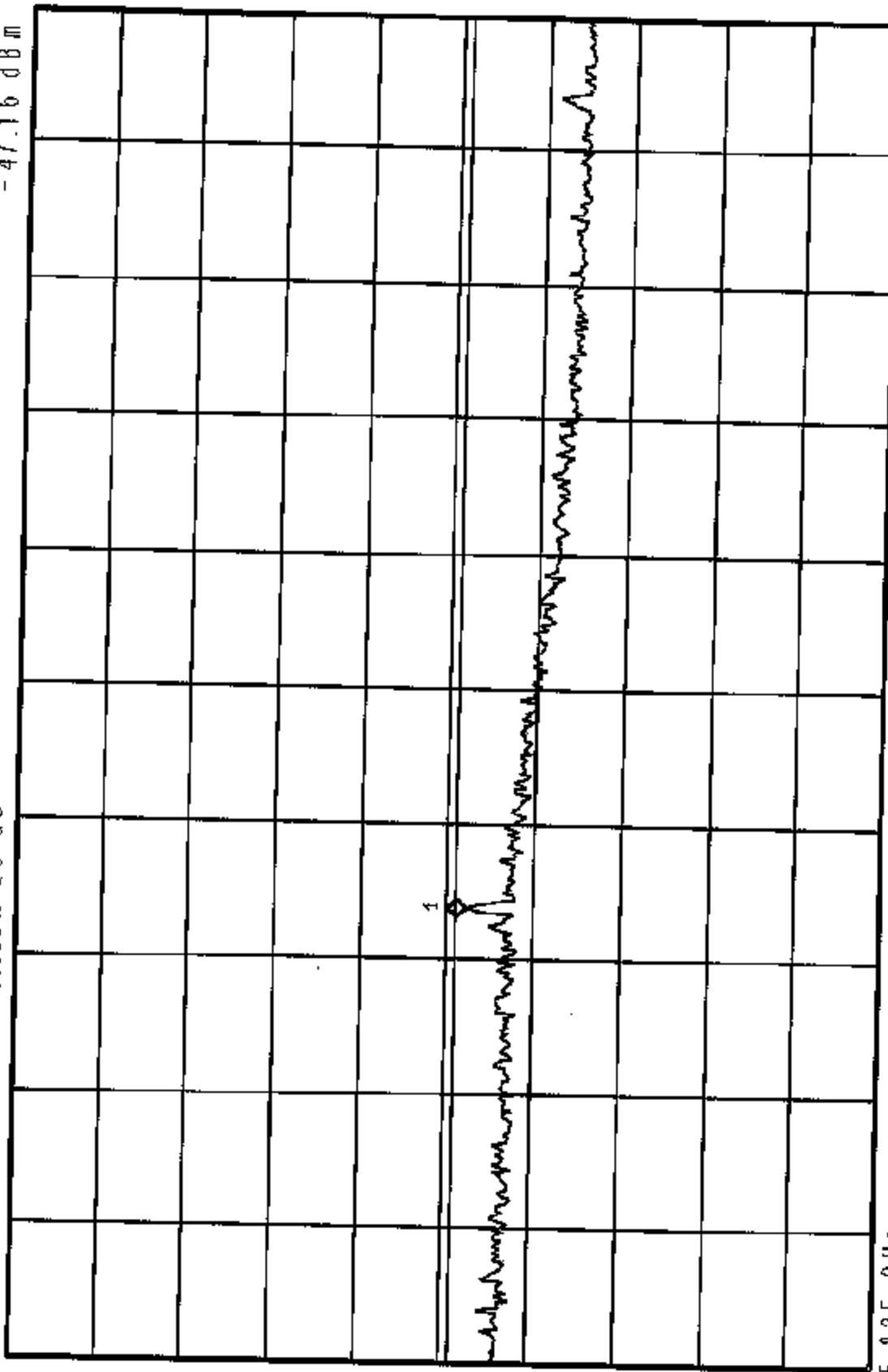
S3 FC

AA

Mkr 5.8841 GHz

-47.16 dBm

#Atten 20 dB



Start 5.825 GHz

#Res BW 1 MHz

#VBW 100 kHz

Stop 6 GHz

Sweep 4 ms (401 p(5))