

PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:AEZSCP-5K

SANYO Electric Co., Ltd.

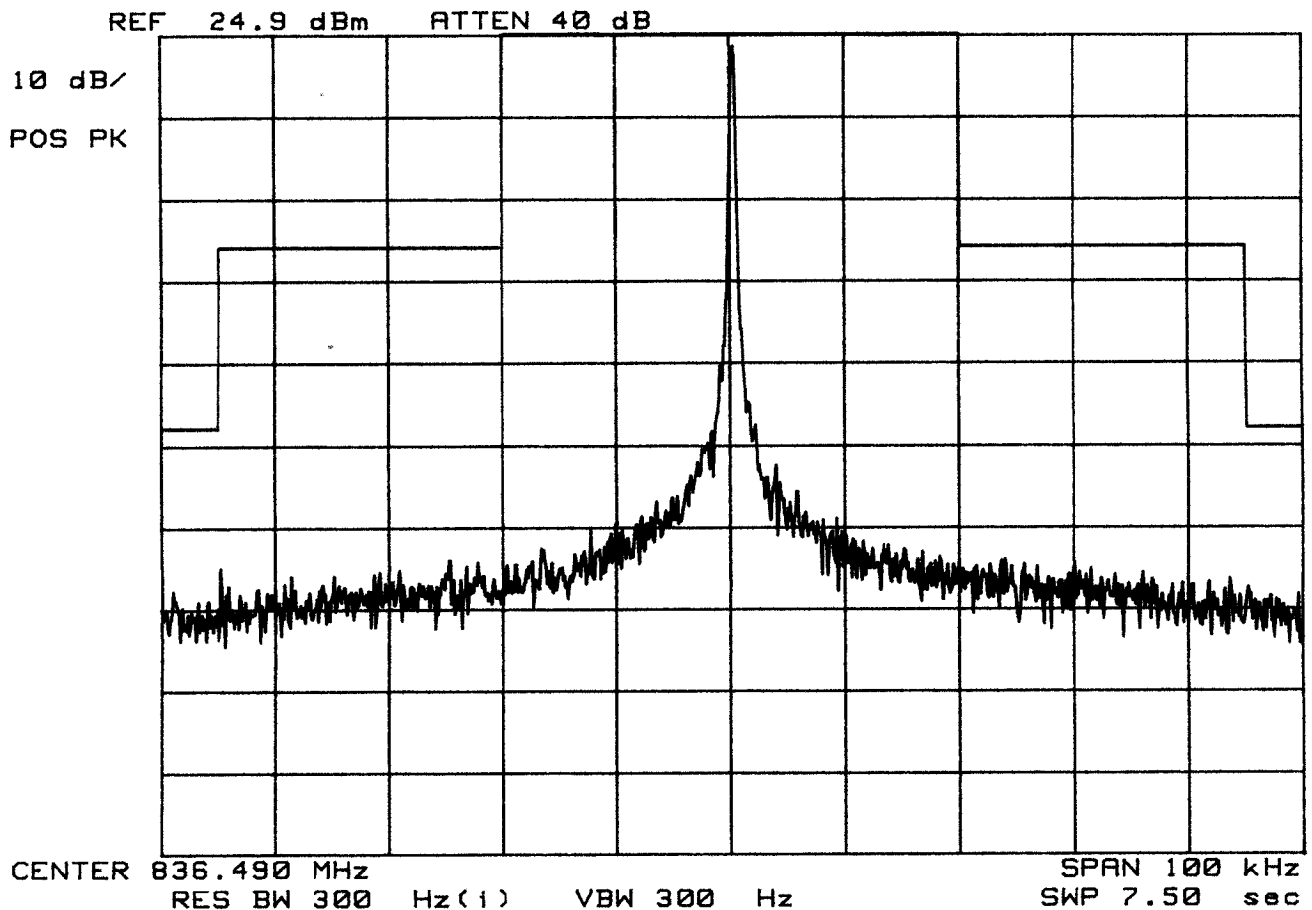
DUAL BAND Phone

FM MODE

Operating Frequency: 836.490 MHz

Output Power : 24.9 dBm

Test Mode:Unmodulated Signal



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

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SANYO Electric Co., Ltd.

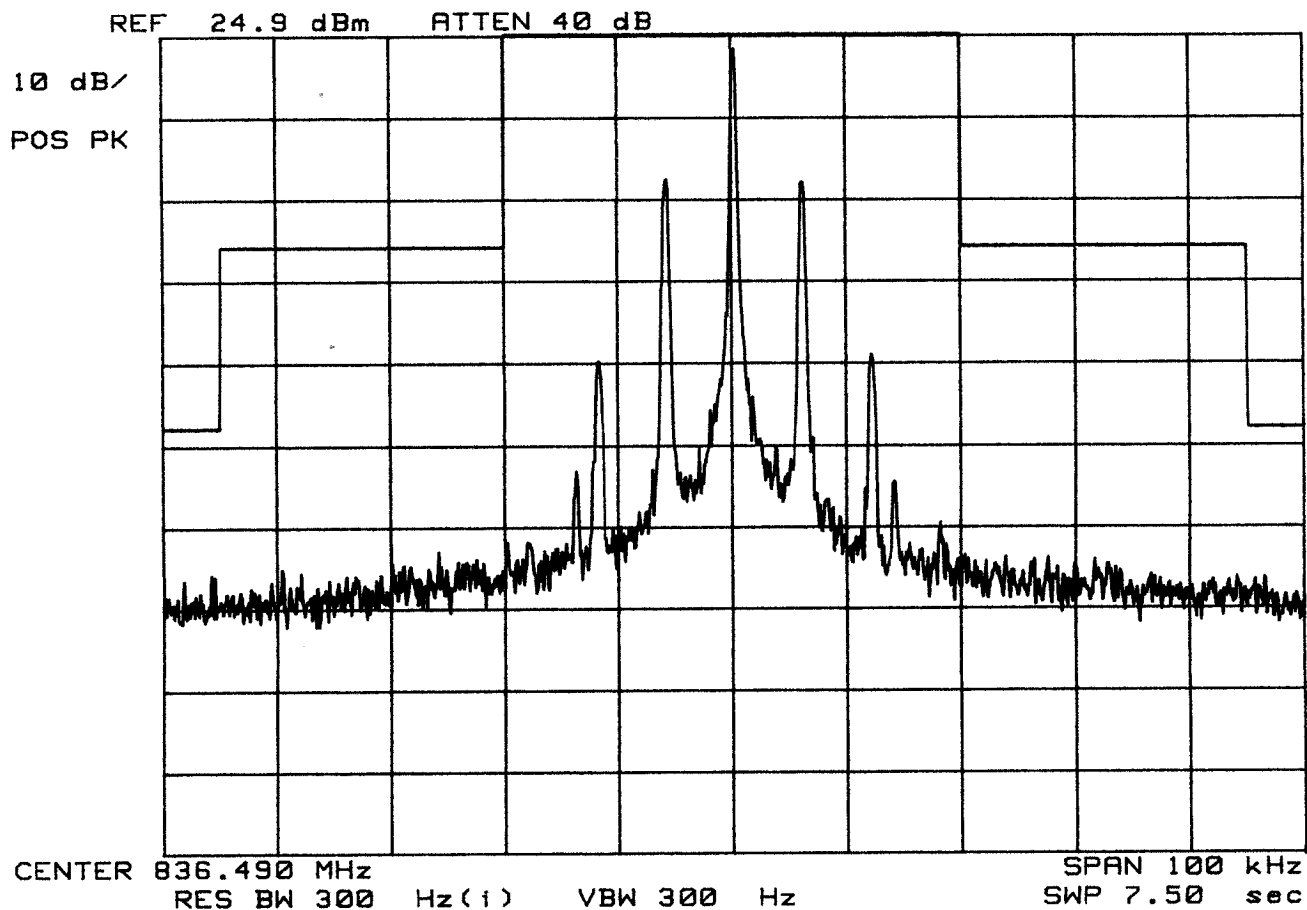
DUAL BAND Phone

FM MODE

Operating Frequency: 836.490 MHz

Output Power : 24.9 dBm

Test Mode:SAT



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:AEZSCP-5K

SANYO Electric Co., Ltd.

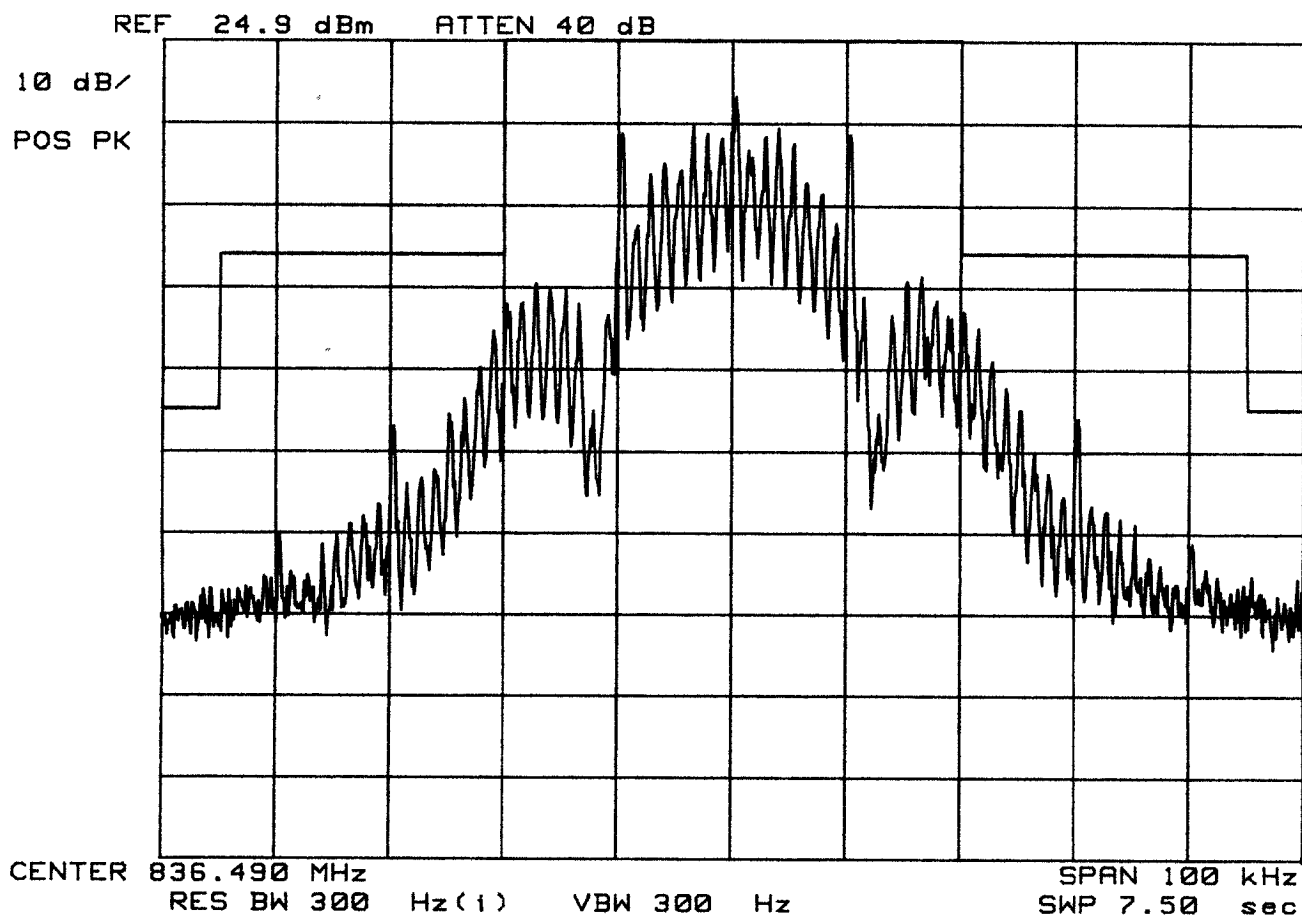
DUAL BAND Phone

FM MODE

Operating Frequency: 836.490 MHz

Output Power : 24.9 dBm

Test Mode:Wide Band Data

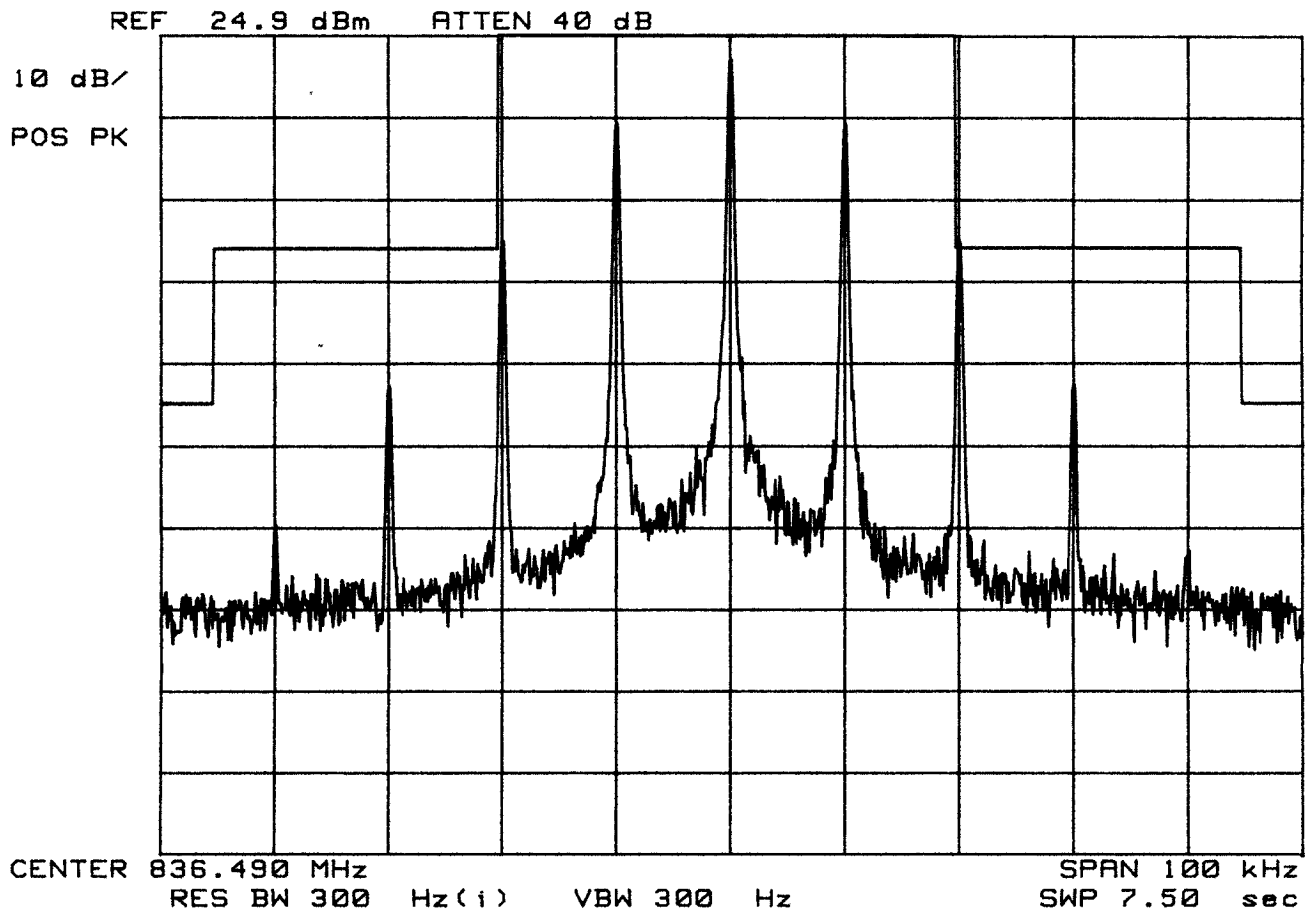


PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:AEZSCP-5K
SANYO Electric Co., Ltd.
DUAL BAND Phone
FM MODE
Operating Frequency: 836.490 MHz
Output Power : 24.9 dBm

Test Mode:ST



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:AEZSCP-5K

SANYO Electric Co., Ltd.

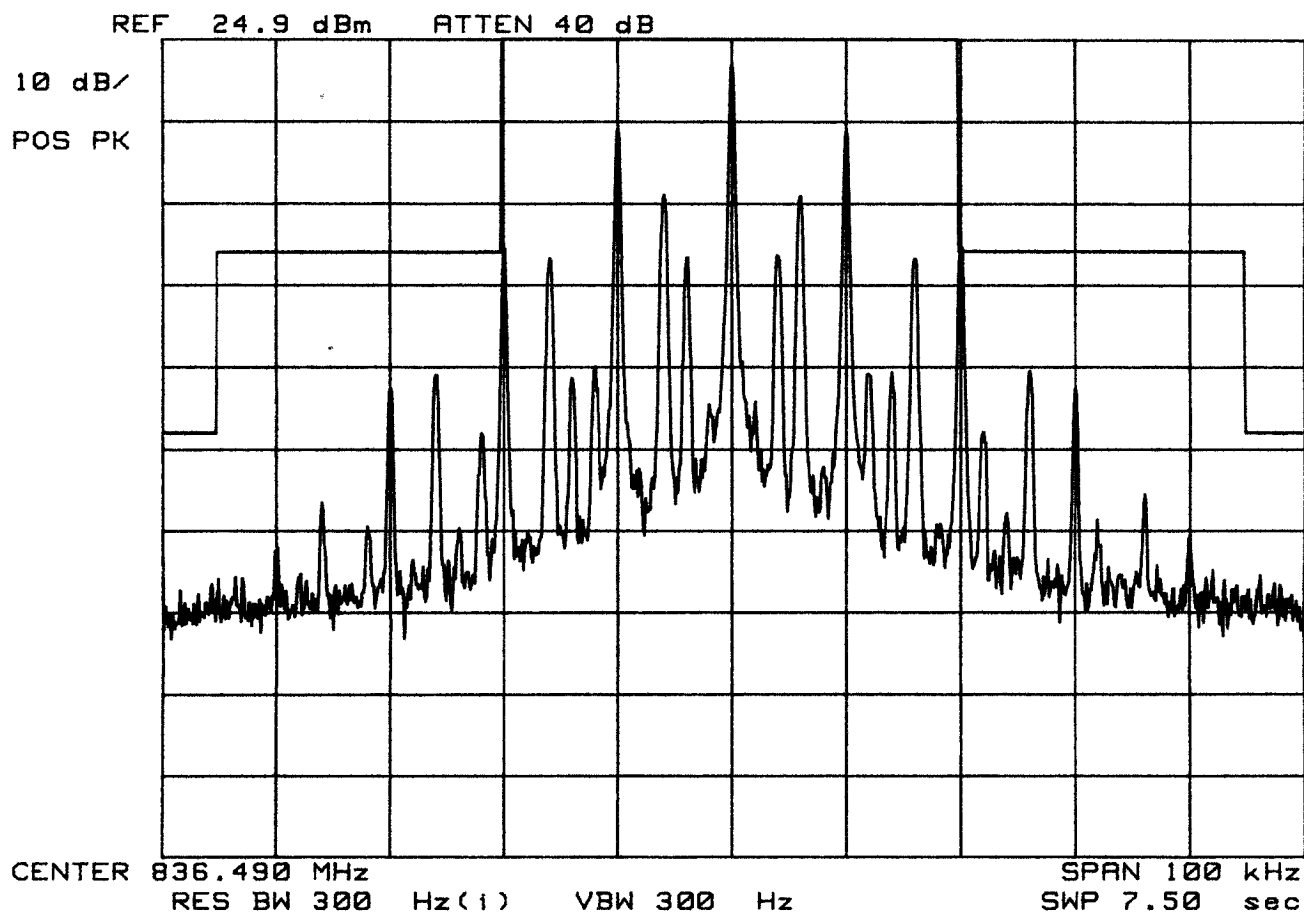
DUAL BAND Phone

FM MODE

Operating Frequency: 836.490 MHz

Output Power : 24.9 dBm

Test Mode:SAT + ST

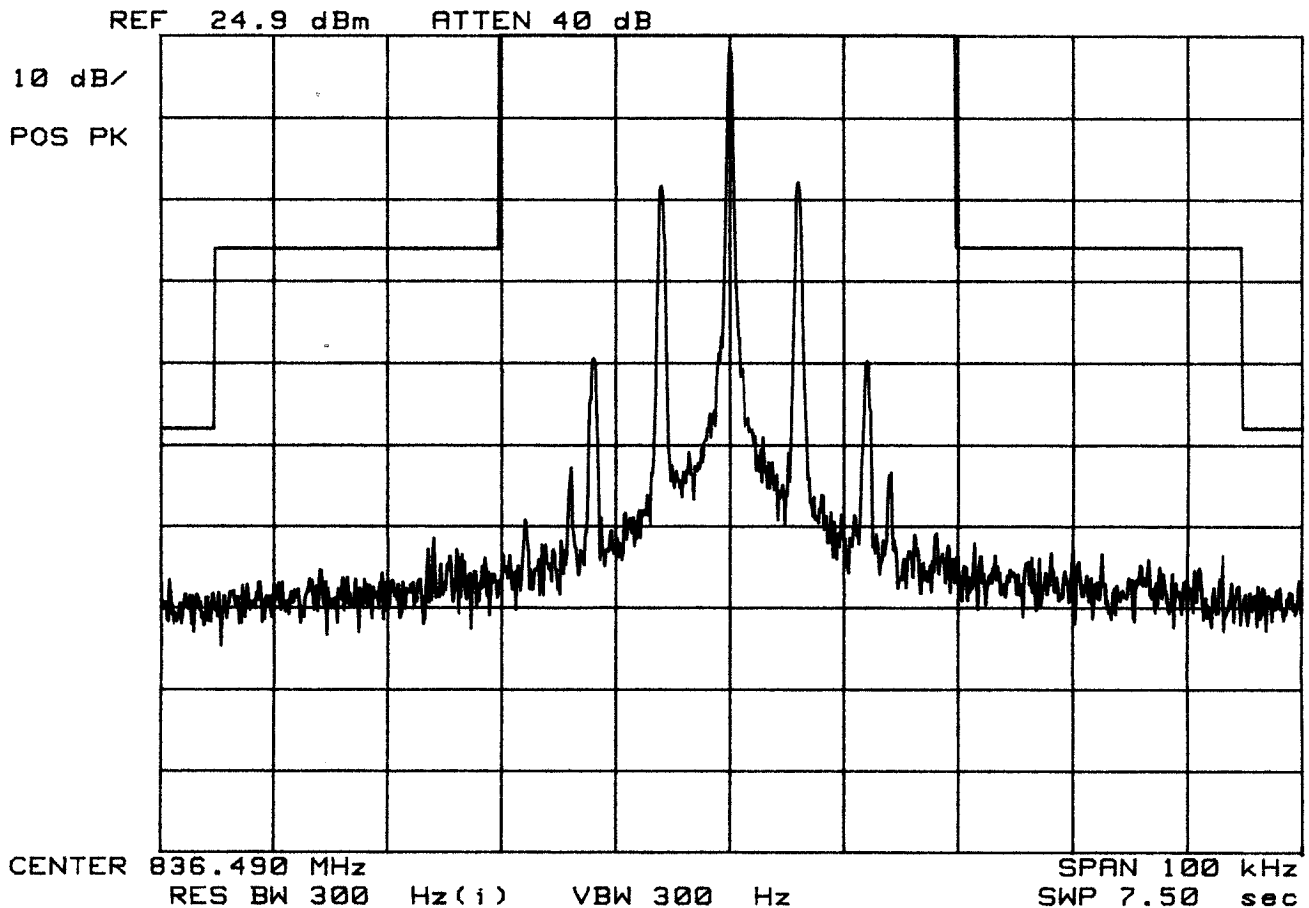


PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:AEZSCP-5K
SANYO Electric Co., Ltd.
DUAL BAND Phone
FM MODE
Operating Frequency: 836.490 MHz
Output Power : 24.9 dBm

Test Mode:SAT + DTMF

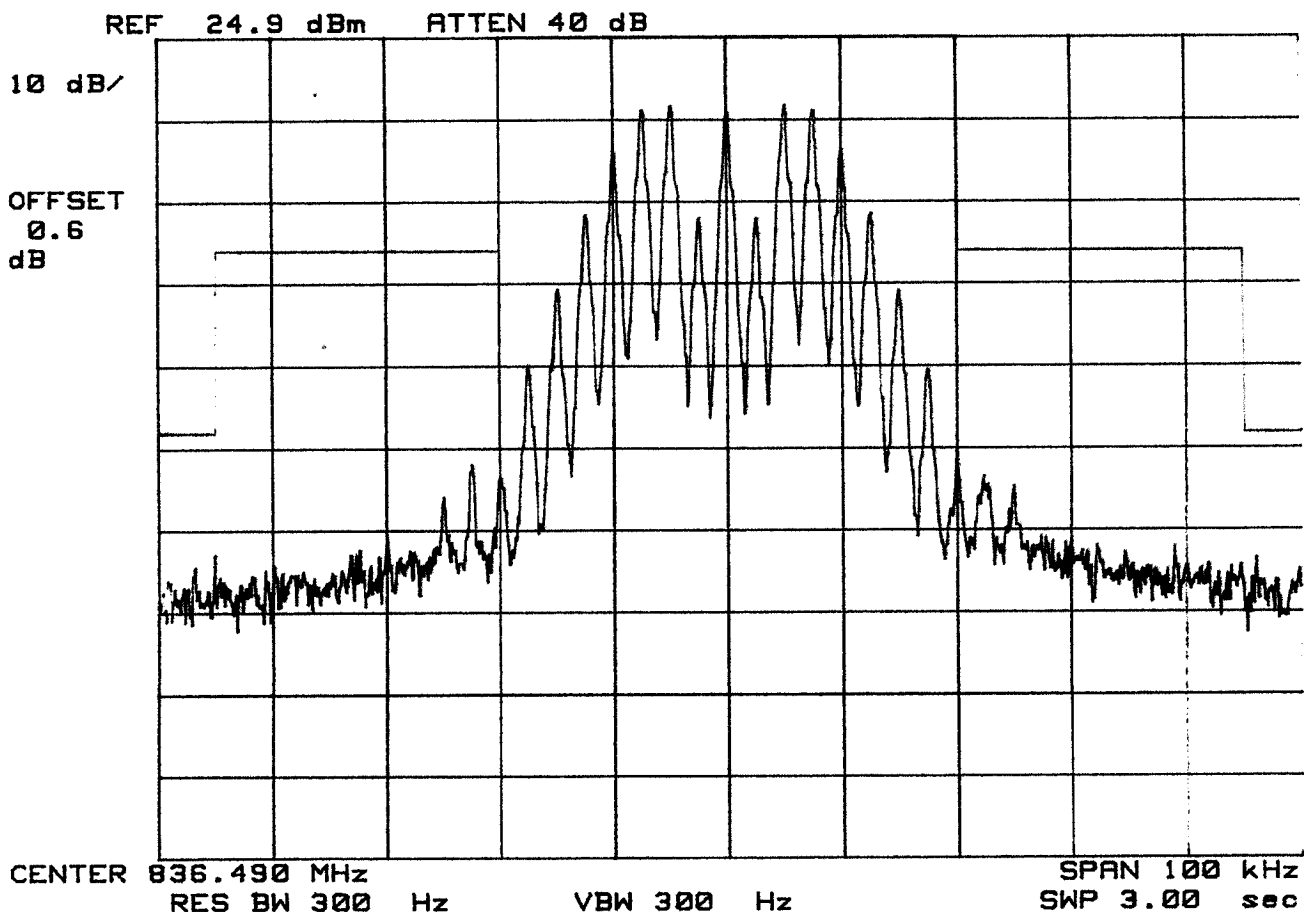


PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

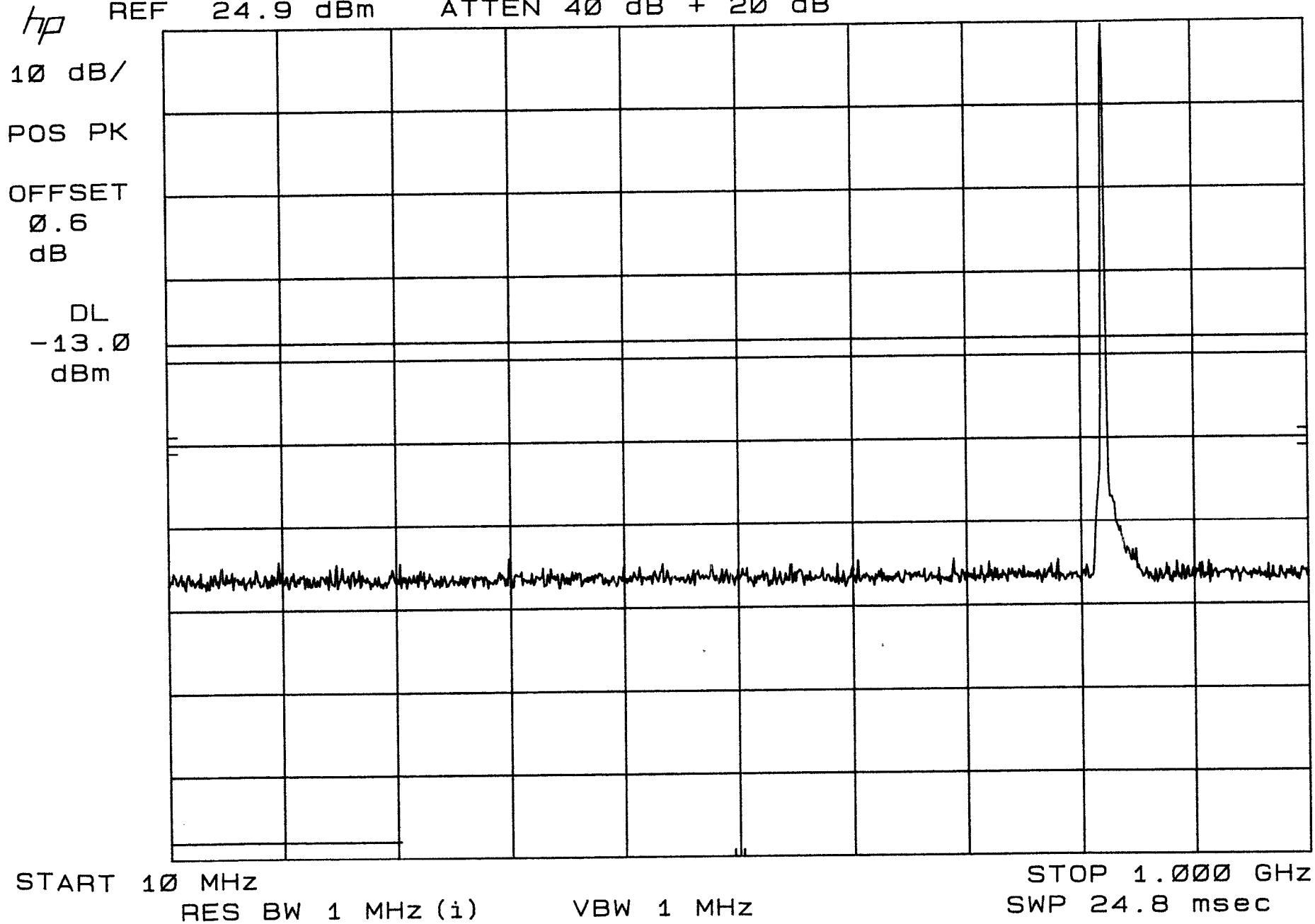
FCC ID:AEZSCP-5K
SANYO Electric Co., Ltd.
DUAL BAND
FM MODE
Operating Frequency: 836.490 MHz
Output Power : 24.9 dBm

Test Mode:Voice



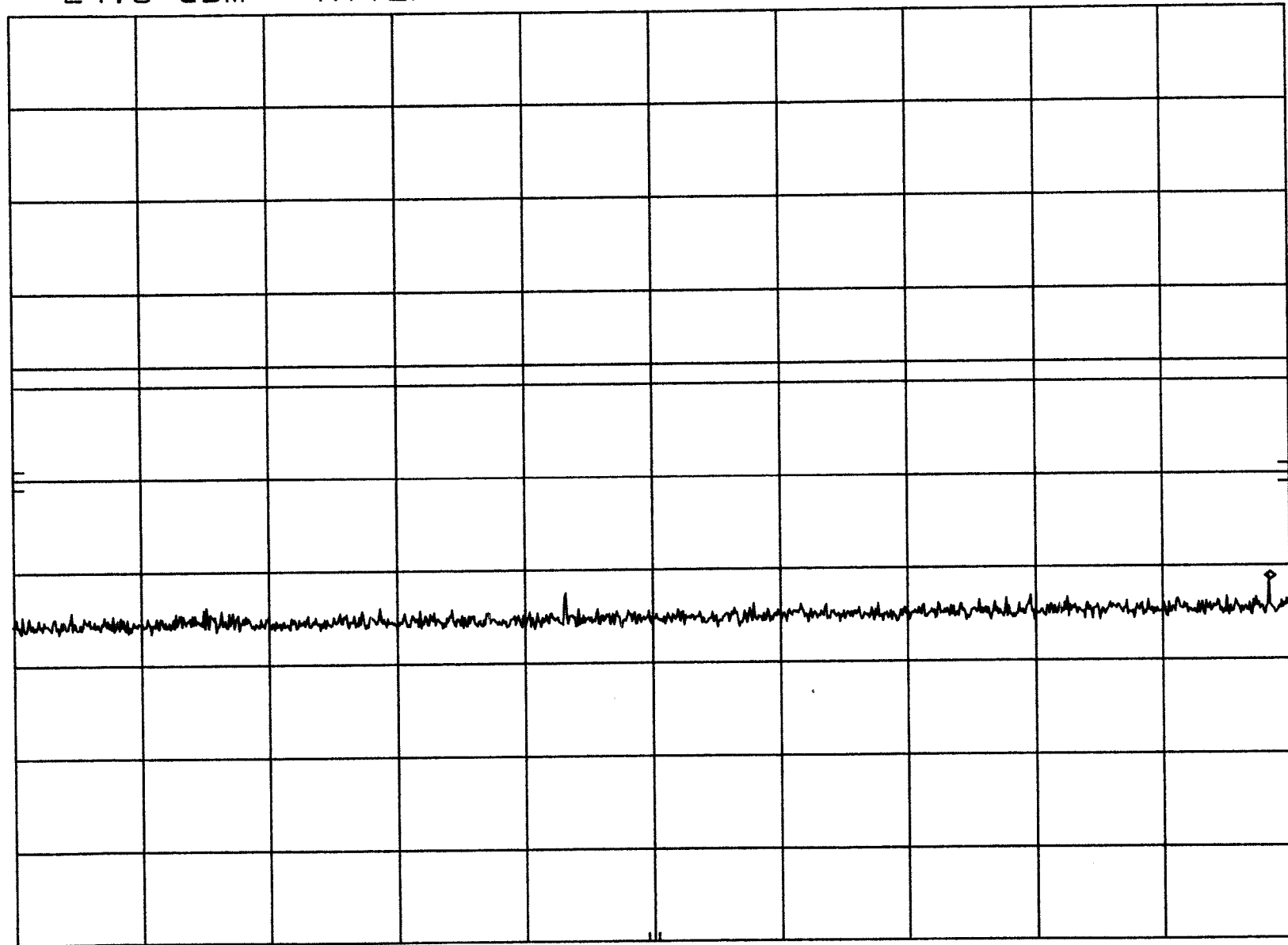
SANYO FCC ID-AEZSCP-5K FM Ch.0991 Cond.Spurs.

REF 24.9 dBm ATTEN 40 dB + 20 dB



SANYO FCC ID-AEZSCP-5K FM Ch.0991 Cond.Spurs.MKR 2.475 GHz
REF 24.9 dBm ATTEN 40 dB + 20 dB -36.20 dBm

hp
10 dB/
POS PK
OFFSET
0.6
dB
DL
-13.0
dBm



START 1.00 GHz STOP 2.50 GHz
RES BW 1 MHz (i) VBW 1 MHz SWP 37.5 msec

SANYO FCC ID-AEZSCP-5K FM Ch.0991 Cond.Spurs.MKR 6.558 GHz
REF 24.9 dBm ATTEN 40 dB + 20 dB -29.70 dBm

hp

10 dB/

POS PK

OFFSET

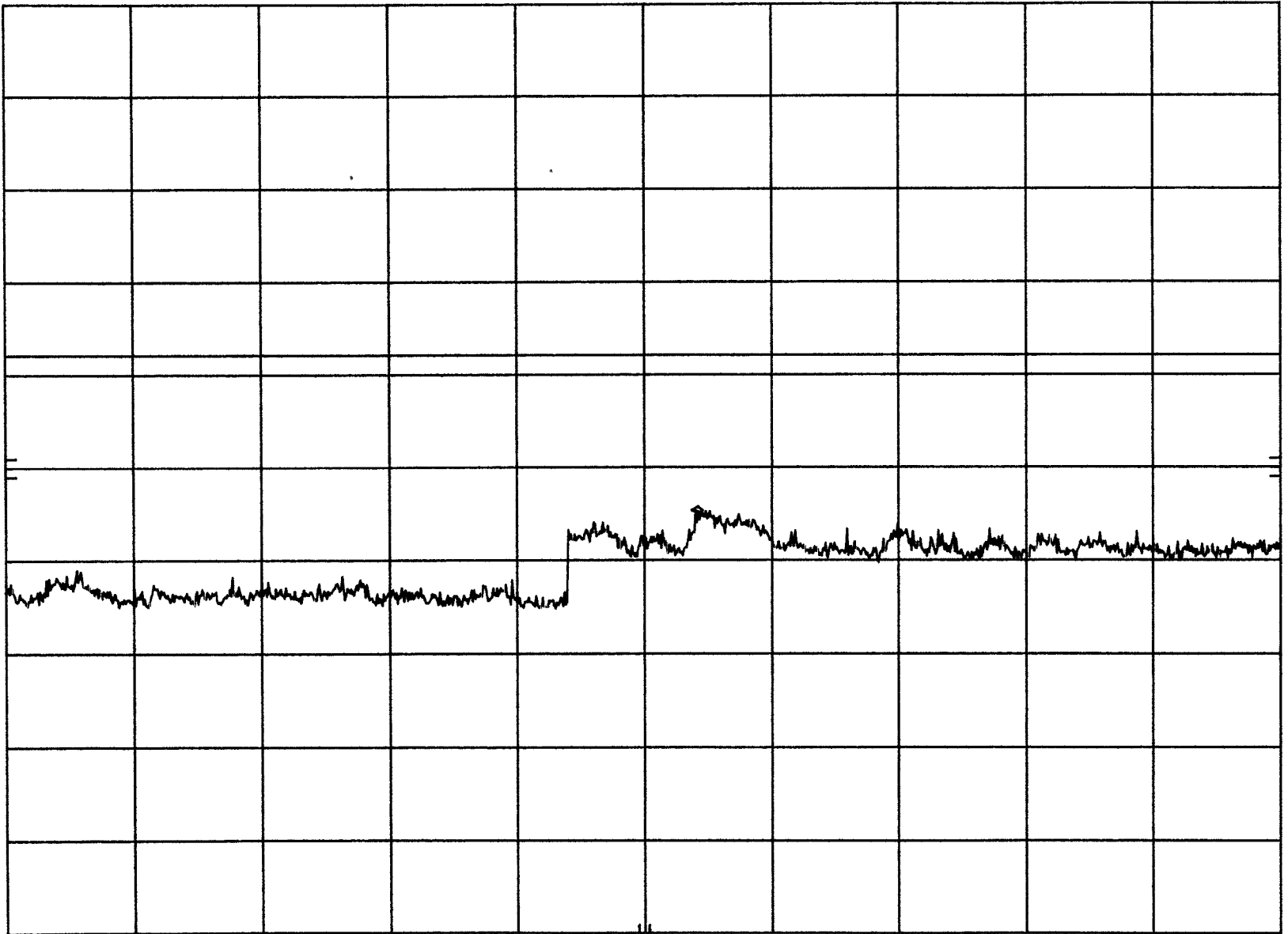
0.6

dB

DL

-13.0

dBm



START 2.50 GHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 10.00 GHz

SWP 188 msec

SANYO FCC ID AEZSCP-5K FM Ch.0383 Cond.Spurs. MKR 540 MHz

hp

REF 24.9 dBm ATTEN 40 dB + 20 dB

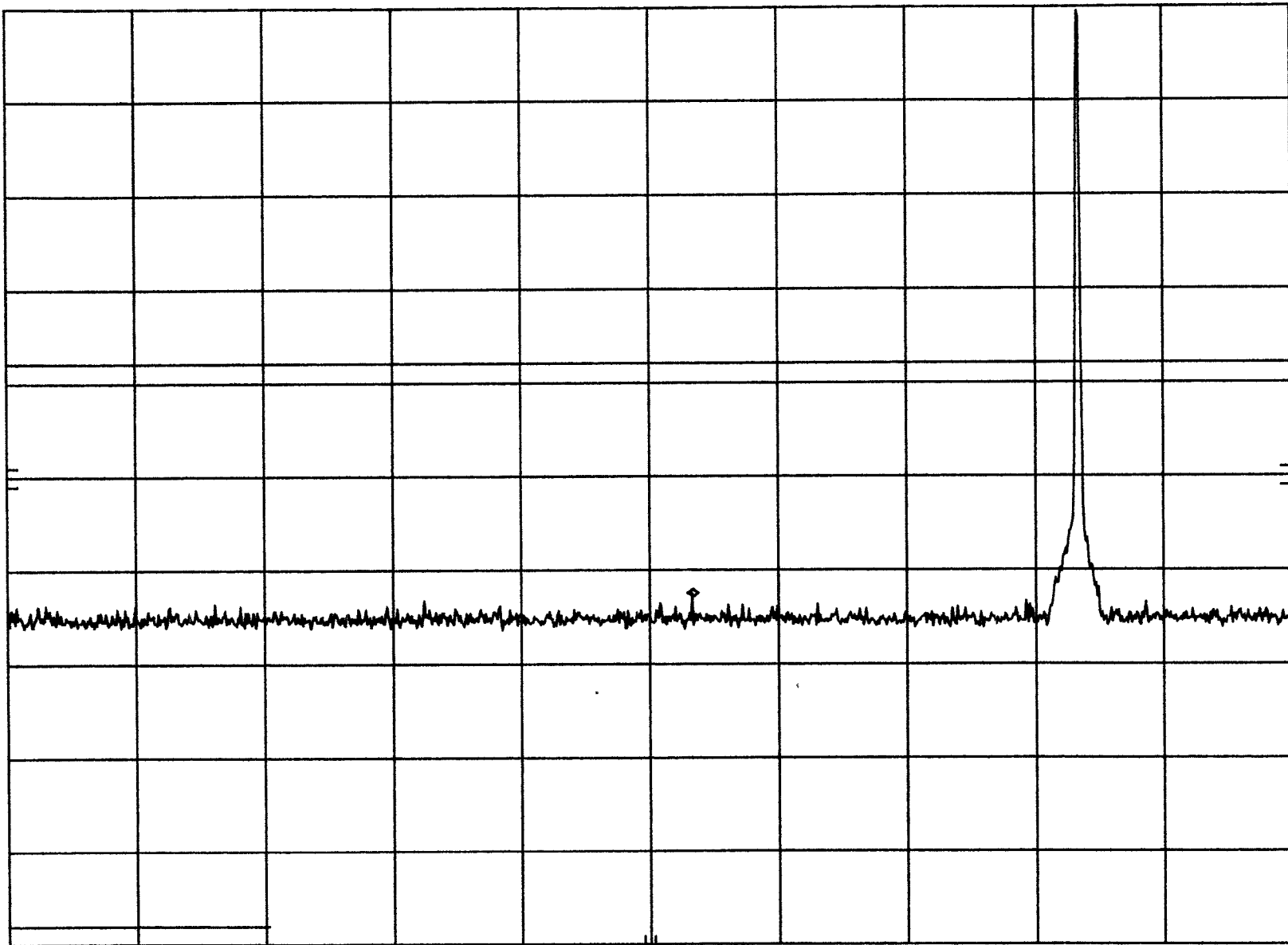
-37.50 dBm

10 dB/

POS PK

OFFSET
0.6
dB

DL
-13.0
dBm



START 10 MHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 1.00 GHz

SWP 24.9 msec

SANYO FCC ID AEZSCP-5K FM Ch.0383 Cond.Spurs.MKR 1.672 GHz

hp

REF 24.9 dBm ATTEN 40 dB + 20 dB

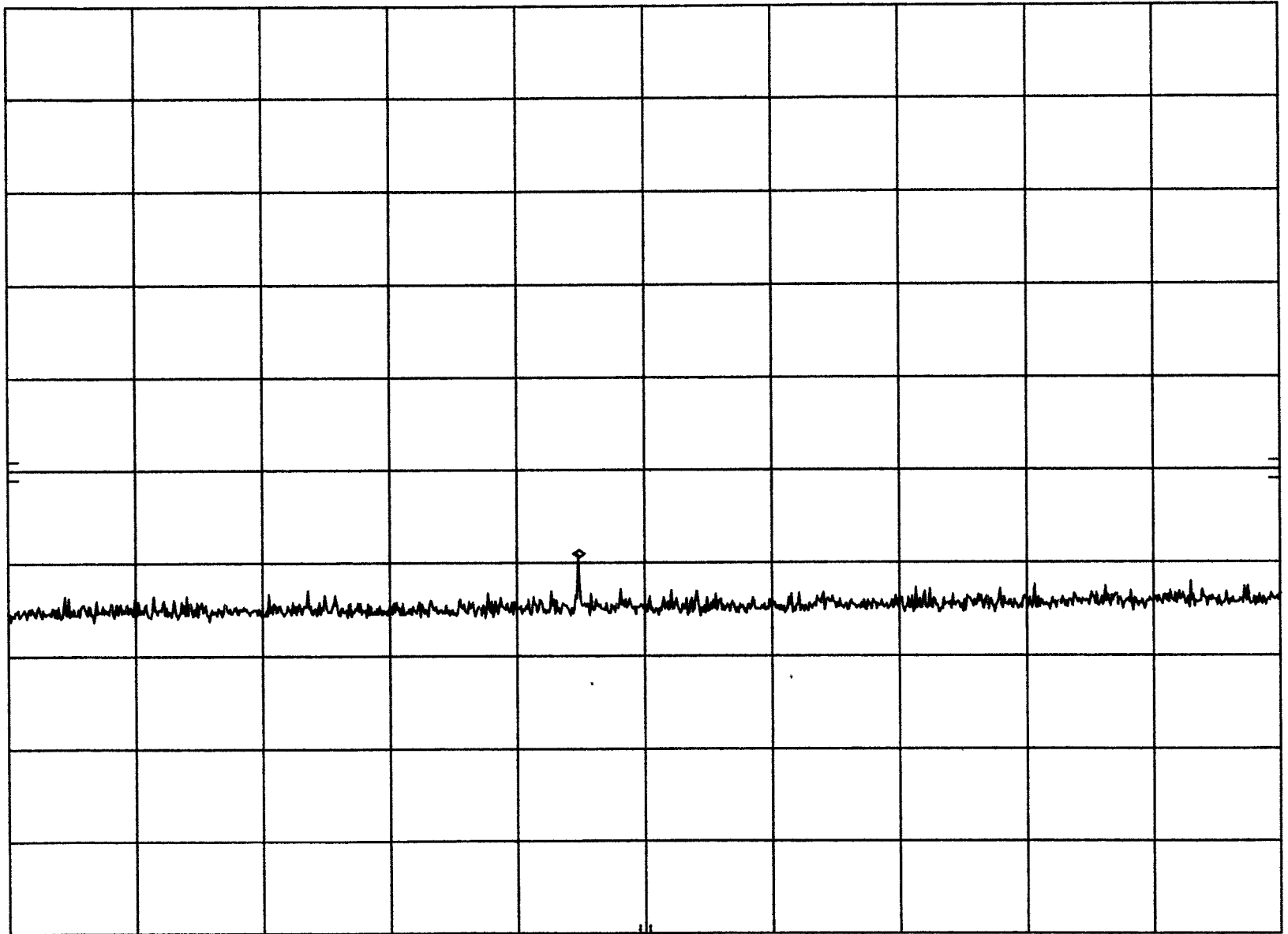
-34.10 dBm

10 dB/

POS PK

OFFSET

0.6
dB



START 1.00 GHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 2.50 GHz

SWP 37.5 msec

SANYO FCC ID AEZSCP-5K FM Ch. 0383 Cond. Spurs. MKR 6.588 GHz

REF 24.9 dBm ATTEN 40 dB + 20 dB -29.90 dBm

hp

10 dB/

POS PK

OFFSET

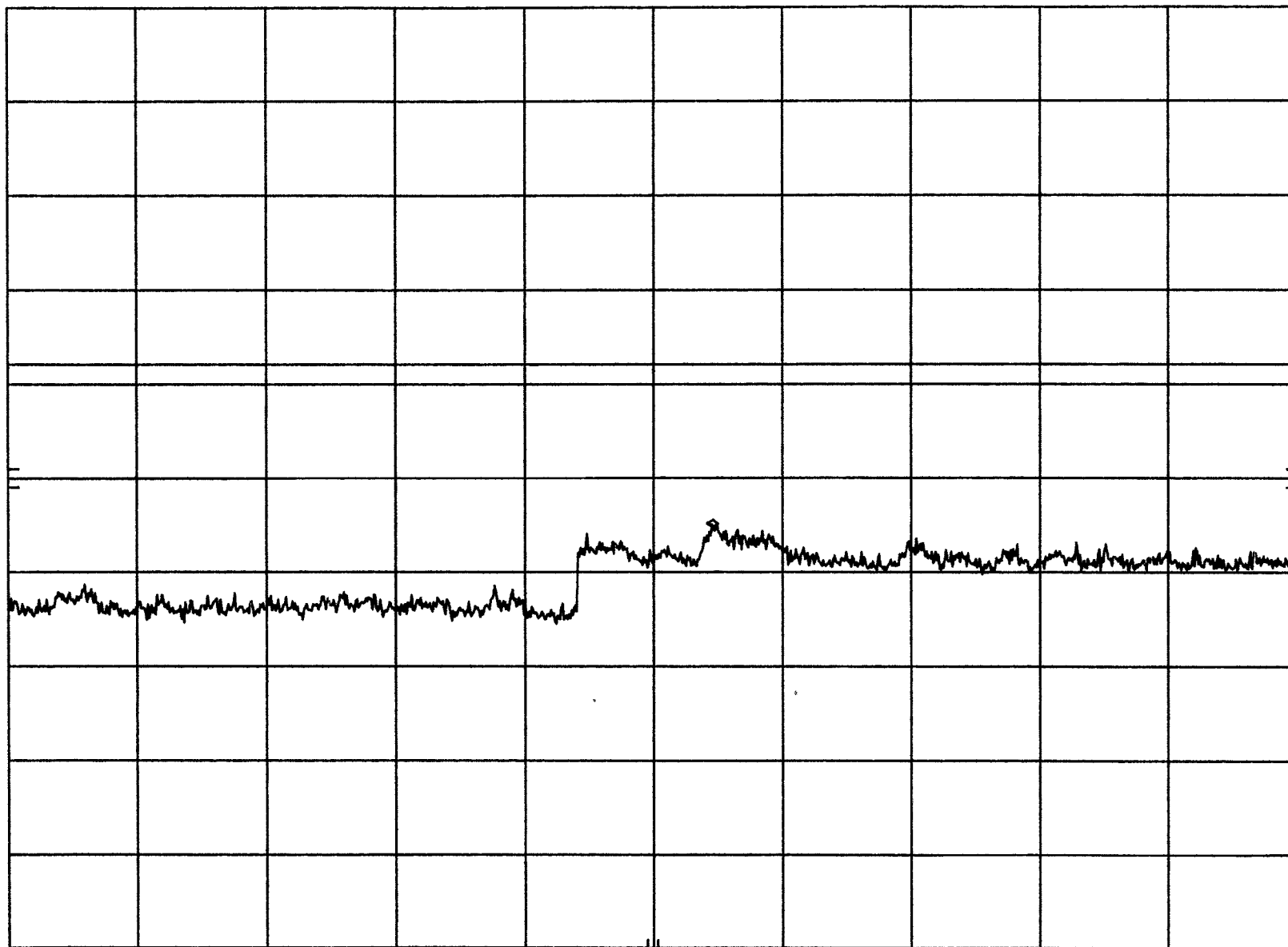
0.6

dB

DL

-13.0

dBm



START 2.50 GHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 10.00 GHz

SWP 188 msec

SANYO FCC ID AEZSCP-5K FM Ch.0799 Cond.Spurs.MKR 647.6 MHz

hp

REF 24.9 dBm ATTEN 40 dB + 20 dB

-38.90 dBm

10 dB/

POS PK

OFFSET

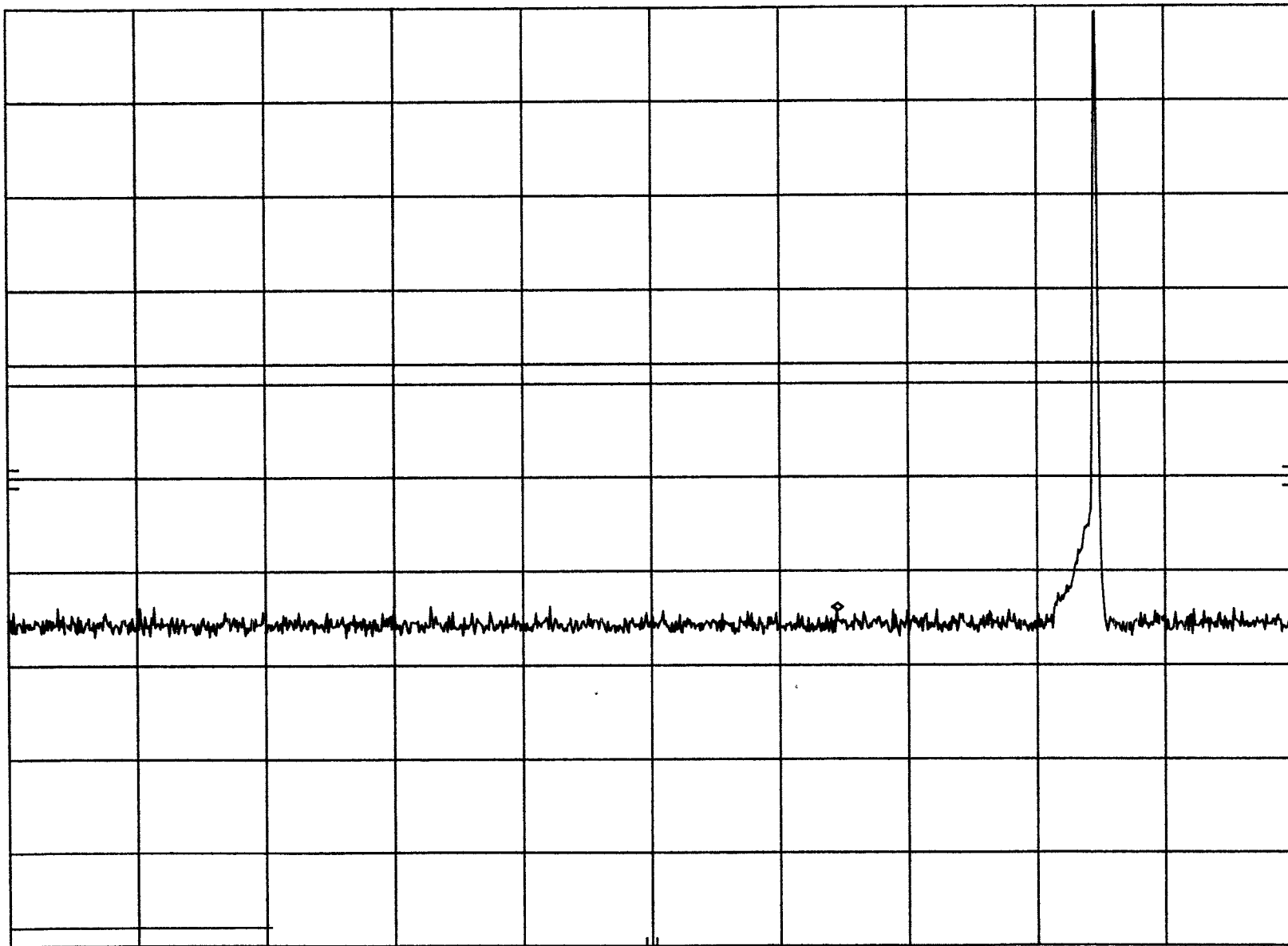
0.6

dB

DL

-13.0

dBm



START 10 MHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 1.000 GHz

SWP 24.8 msec

SANYO FCC ID AEZSCP-5K FM Ch. 0799 Cond. Spurs. MKR 1.698 GHz

hp

REF 24.9 dBm ATTEN 40 dB + 20 dB

-35.10 dBm

10 dB/

POS PK

OFFSET

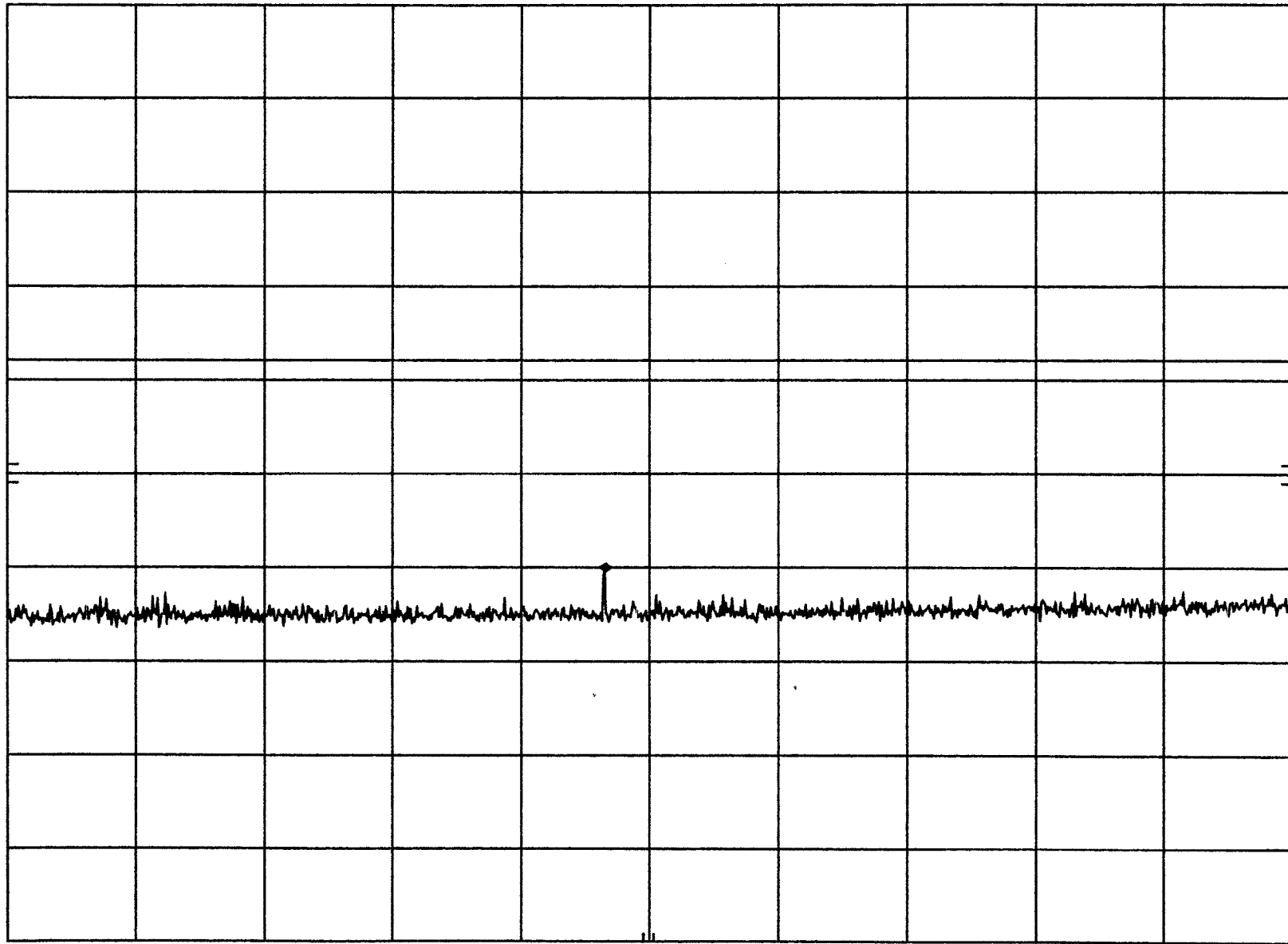
0.6

dB

DL

-13.0

dBm



START 1.00 GHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 2.50 GHz

SWP 37.5 msec

SANYO FCC ID AEZSCP-5K FM Ch.0799 Cond.Spurs.MKR 6.588 GHz

hp

REF 24.9 dBm ATTEN 40 dB + 20 dB

-29.80 dBm

10 dB/

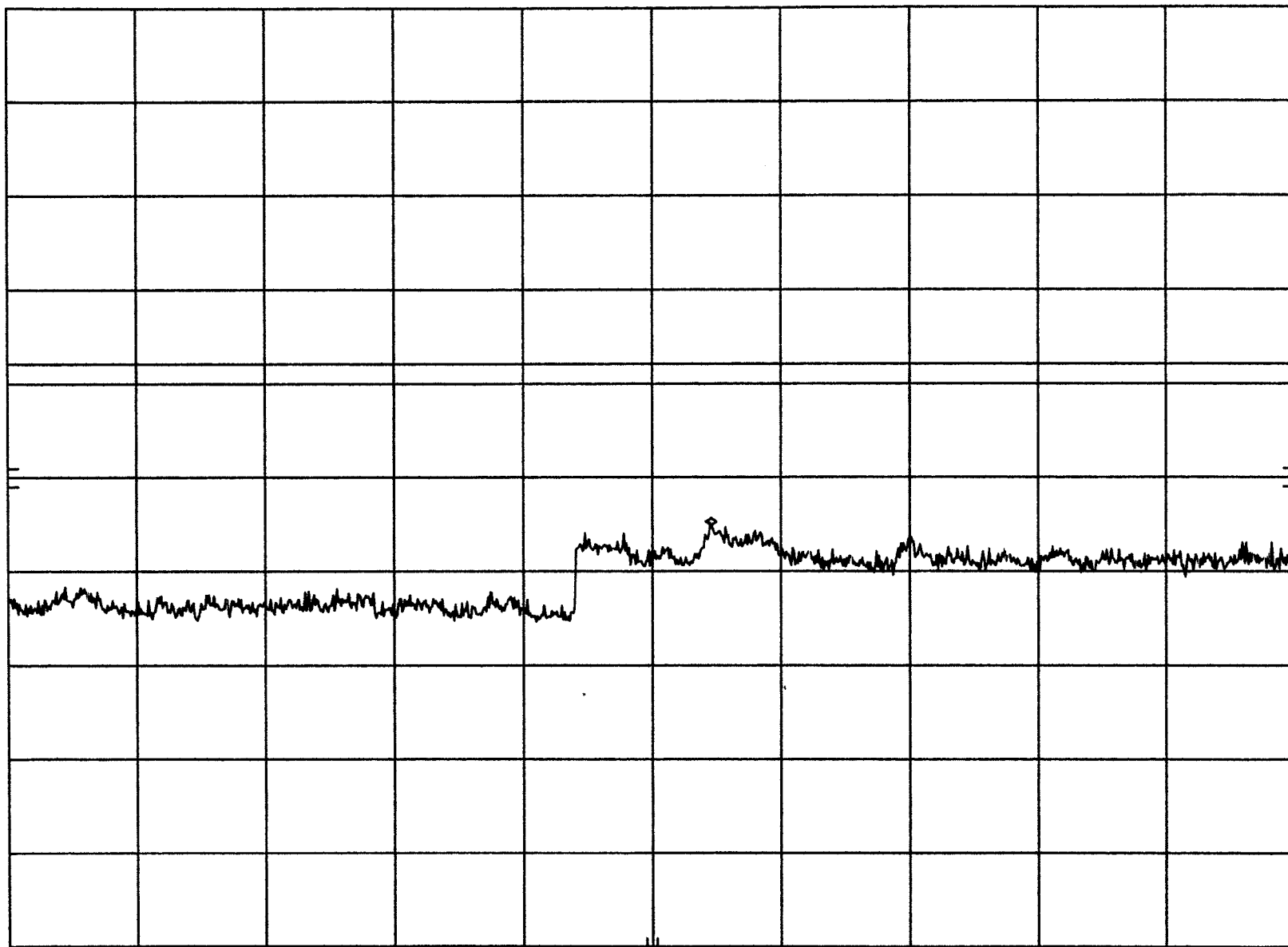
POS PK

OFFSET

0.6
dB

DL

-13.0
dBm



START 2.50 GHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 10.00 GHz

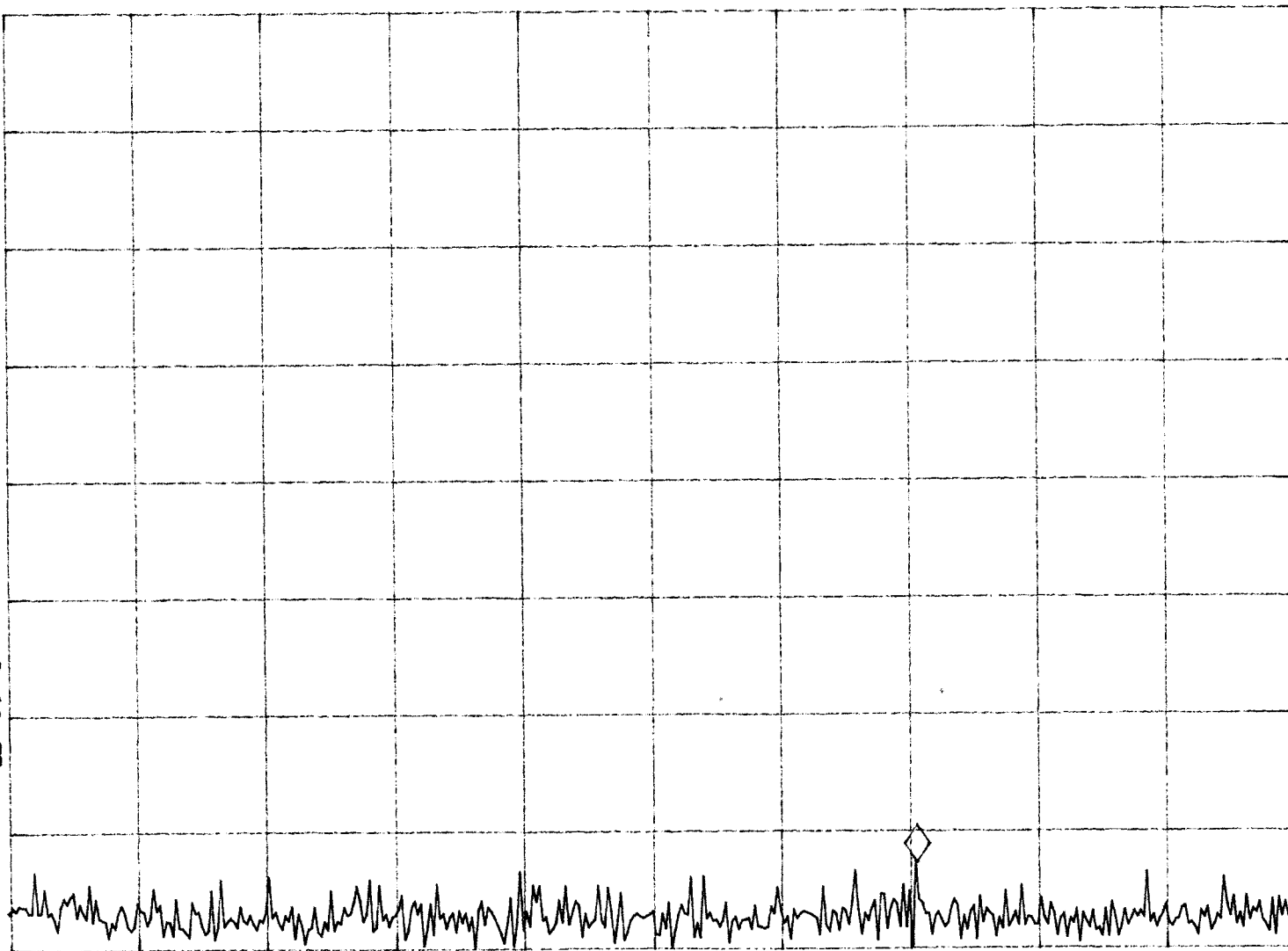
SWP 188 msec

~~17~~ SANYO FCC ID: AEZSCP-5K FM MODE
REF -60.0 dBm #ATTEN 10 dB PG 25.0 dB

MKR 886.62 MHz
-96.33 dBm

PEAK
LOG
5
dB/
OFFST
6.0
dB

VA VB
SC FC
CORR



START 869.00 MHz

STOP 894.00 MHz

#RES BW 100 kHz

#VBW 300 kHz

SWP 20 msec

SANYO FCC ID AEZSCP-5K PCS Ch.0025 Con.SpursMKR 1.868 GHz

hp

REF 25.2 dBm

ATTEN 40 dB + 20 dB

-31.60 dBm

10 dB/

POS PK

OFFSET

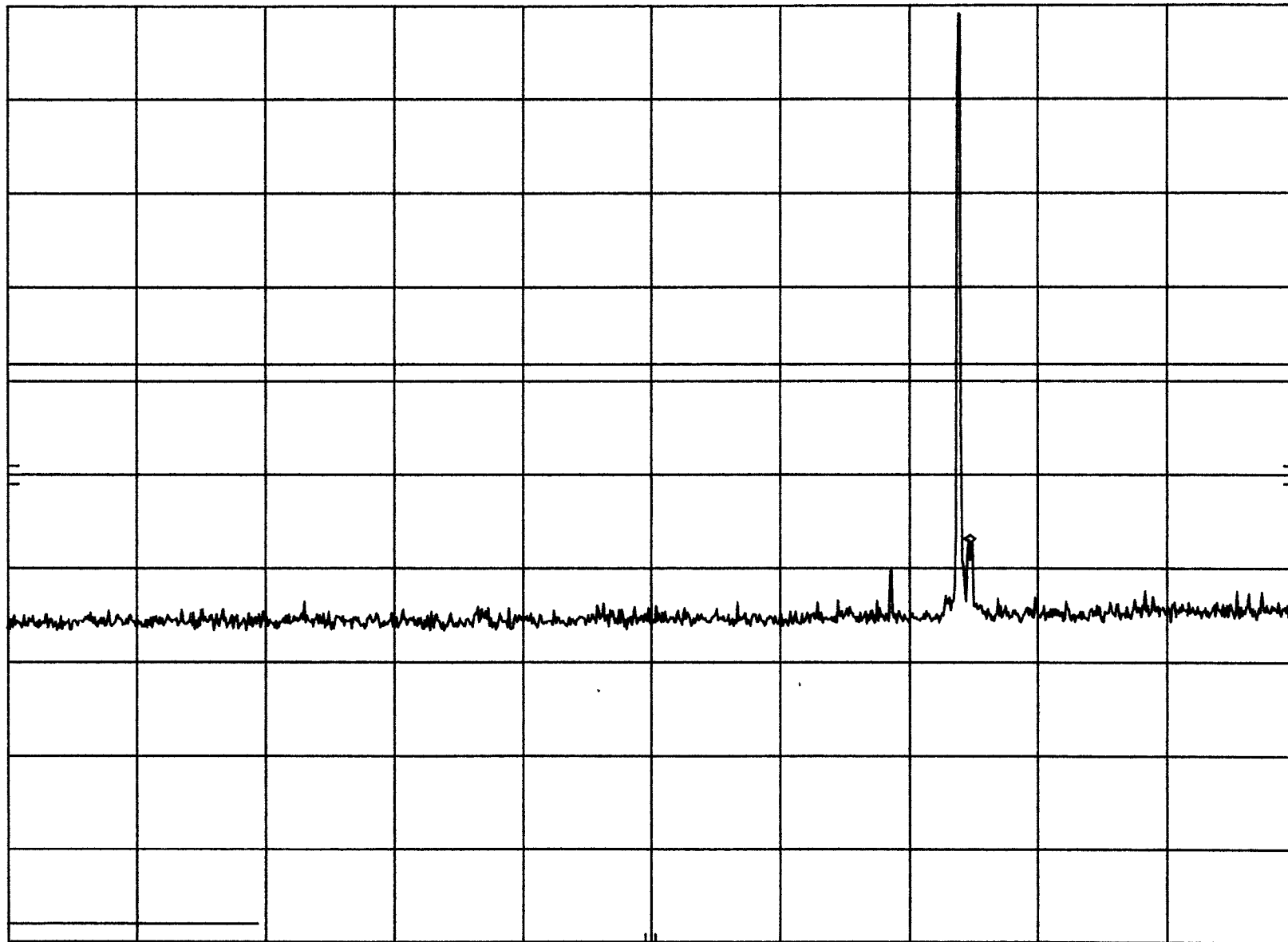
0.8

dB

DL

-13.0

dBm



START 10 MHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 2.50 GHz

SWP 62.3 msec

SANYO FCC ID AEZSCP-5K PCS Ch.0025 Con.SpursMKR 6.595 GHz
REF 25.2 dBm ATTEN 40 dB + 20 dB -29.90 dBm

hp

10 dB/

POS PK

OFFSET

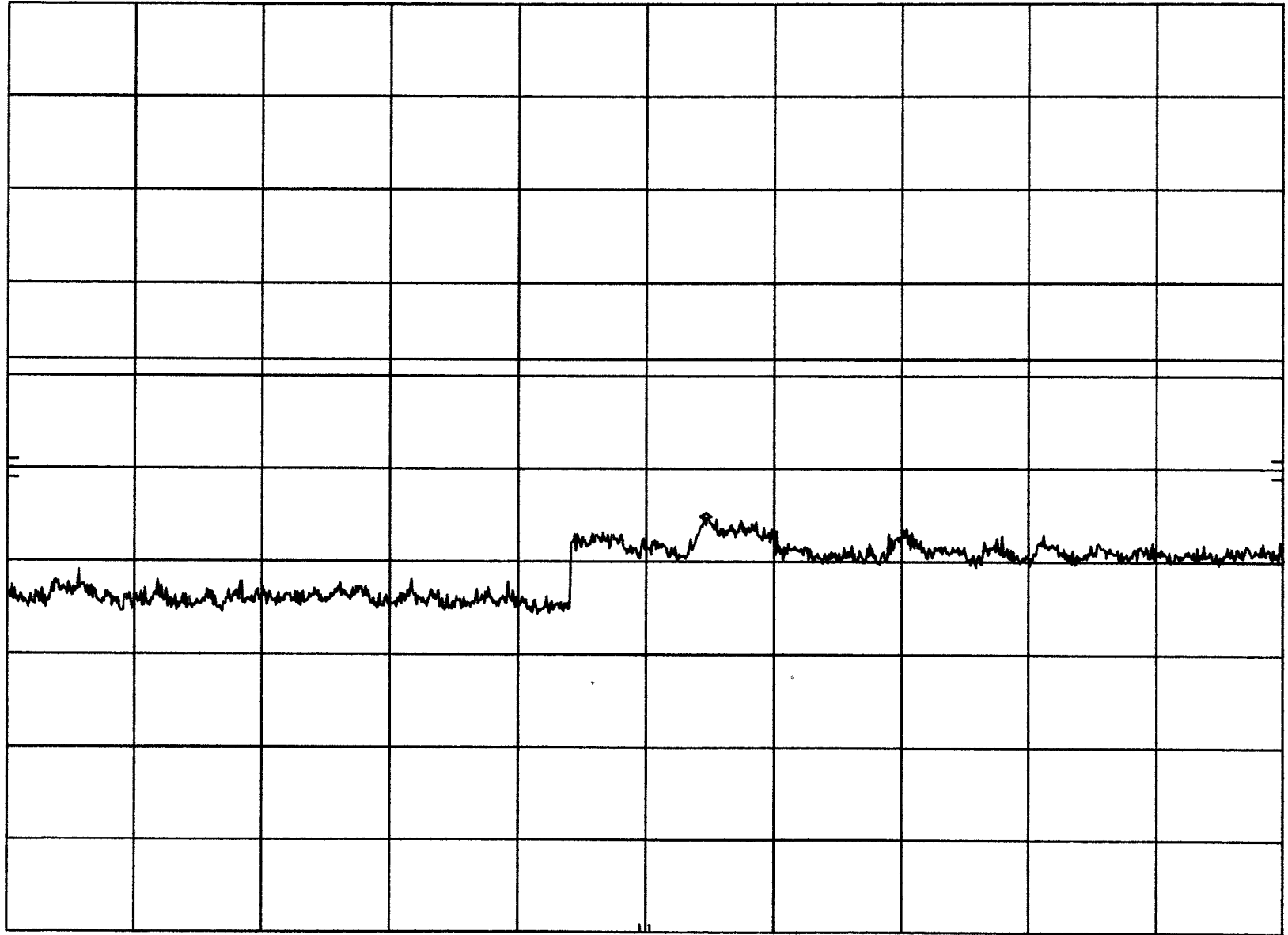
0.8

dB

DL

-13.0

dBm



START 2.50 GHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 10.00 GHz

SWP 188 msec

SANYO FCC ID AEZSCP-5K PCS Ch.0025 Con.SpursMKR 19.93 GHz
REF 25.2 dBm ATTEN 40 dB + 20 dB -21.80 dBm

hp

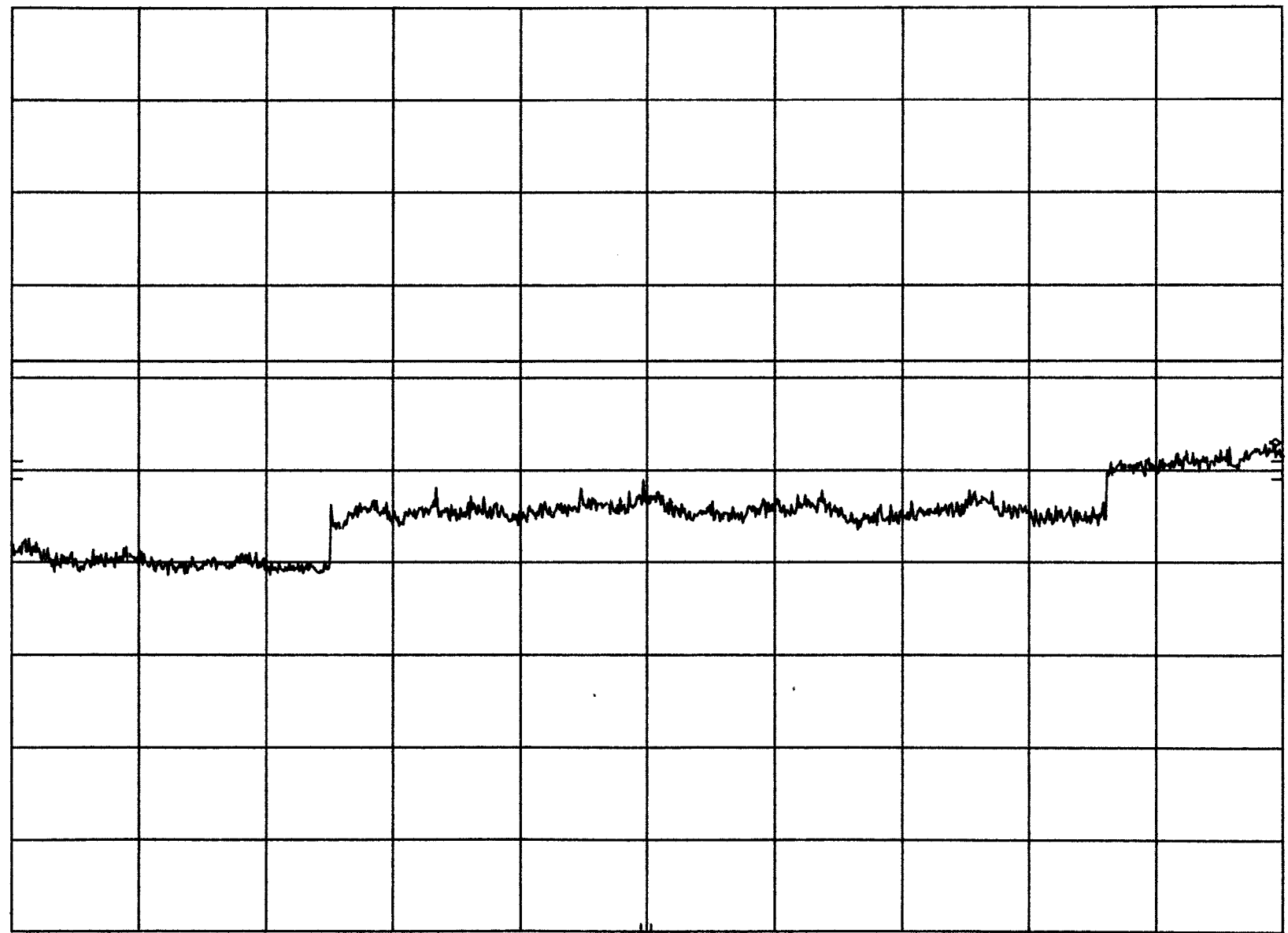
10 dB/

POS PK

OFFSET

0.8
dB

DL
-13.0
dBm



START 10.0 GHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 20.0 GHz

SWP 250 msec

SANYO FCC ID AEZSCP-5K PCS Ch.0600 Cond.SpursMKR 1.746 GHz

hp

REF 25.2 dBm ATTEN 40 dB + 20 dB

-31.30 dBm

10 dB/

POS PK

OFFSET

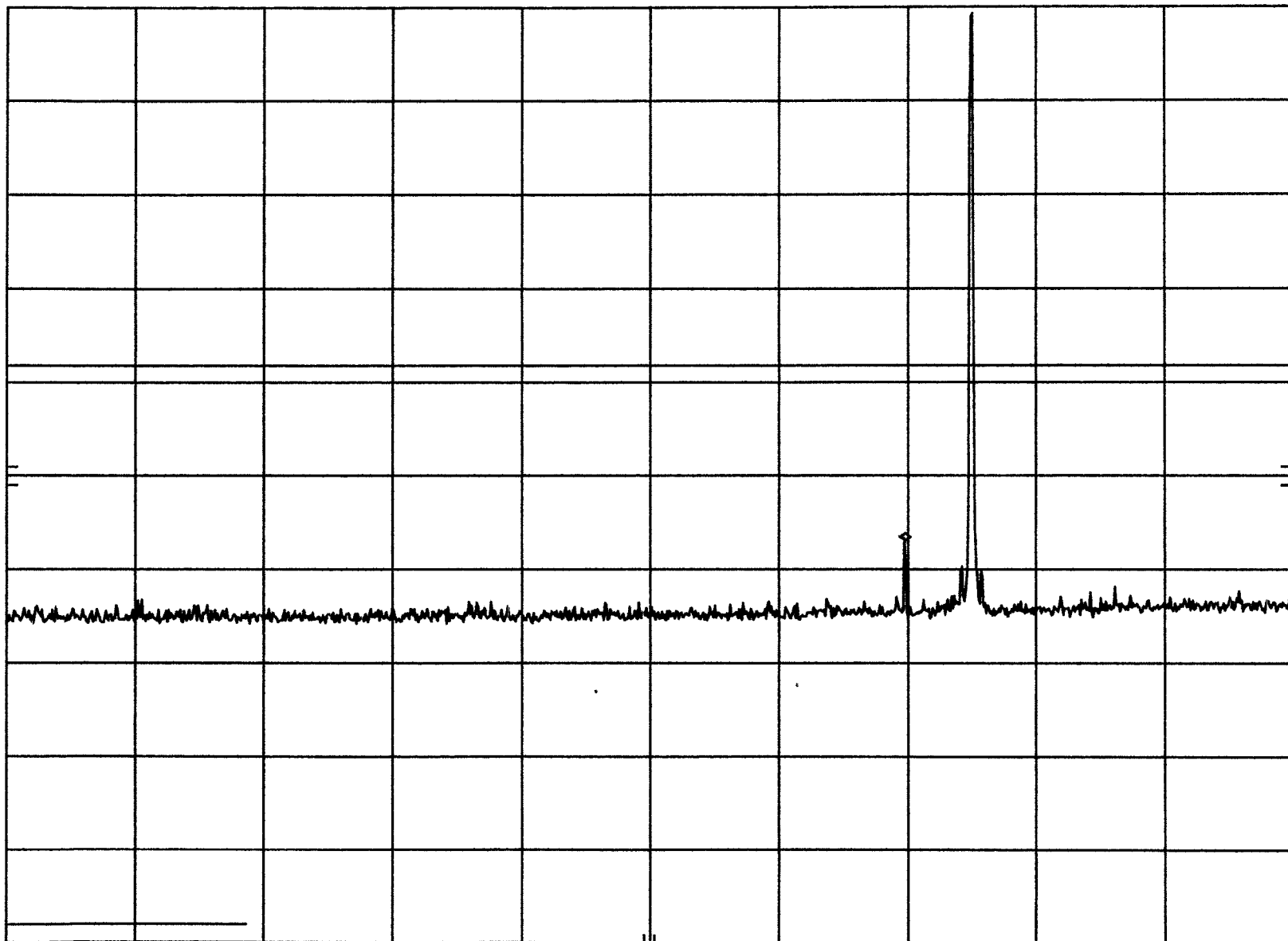
0.8

dB

DL

-13.0

dBm



START 10 MHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 2.50 GHz

SWP 62.3 msec

SANYO FCC ID AEZSCP-5K PCS Ch.0600 Cond.SpursMKR 6.588 GHz

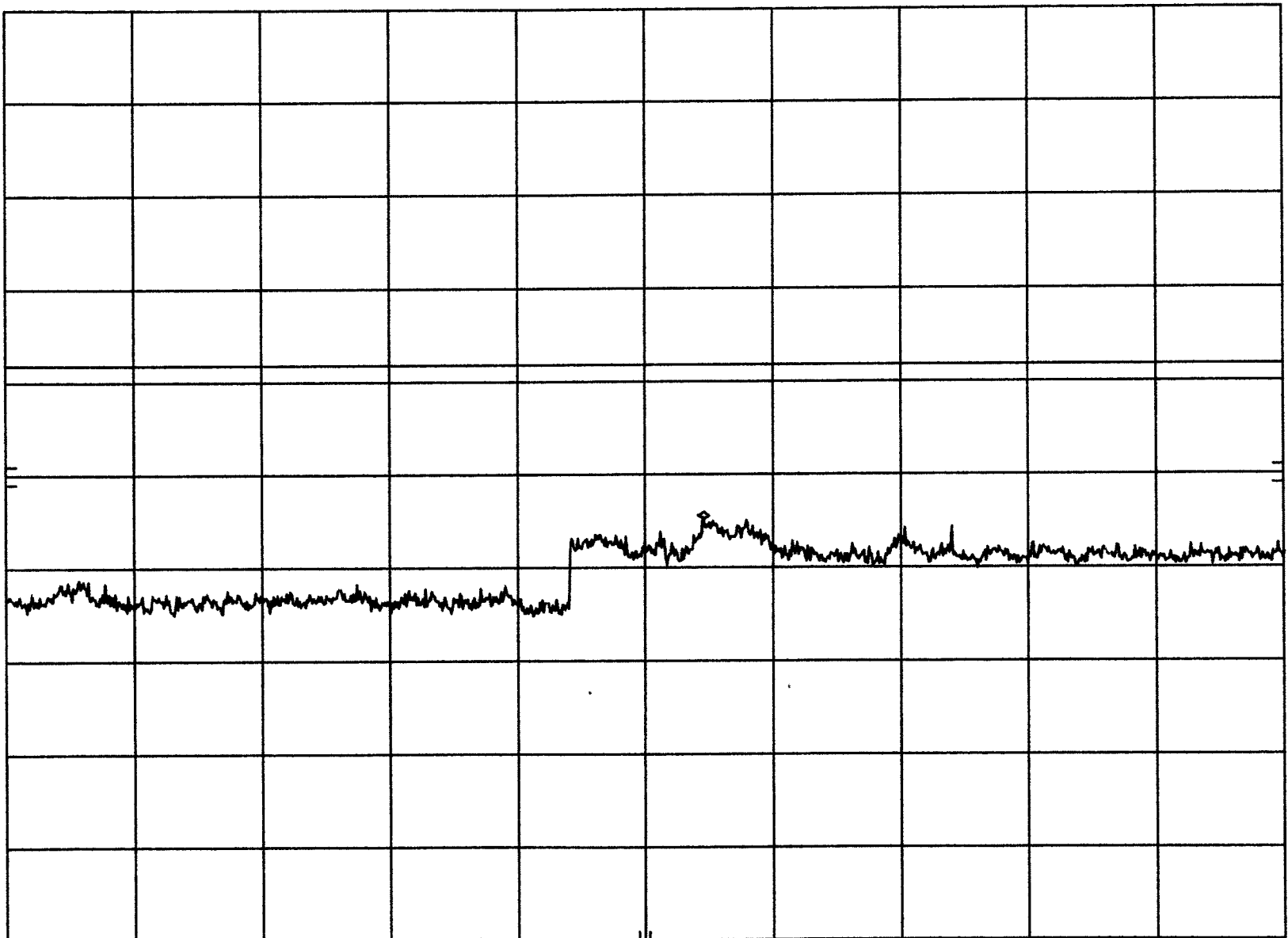
hp REF 25.2 dBm ATTEN 40 dB + 20 dB -29.20 dBm

10 dB/

POS PK

OFFSET
0.8
dB

DL
-13.0
dBm



START 2.50 GHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 10.00 GHz

SWP 188 msec

SANYO FCC ID AEZSCP-5K PCS Ch. 0600 Cond. Spurs MKR 19.31 GHz

hp

REF 25.2 dBm ATTEN 40 dB + 20 dB

-21.80 dBm

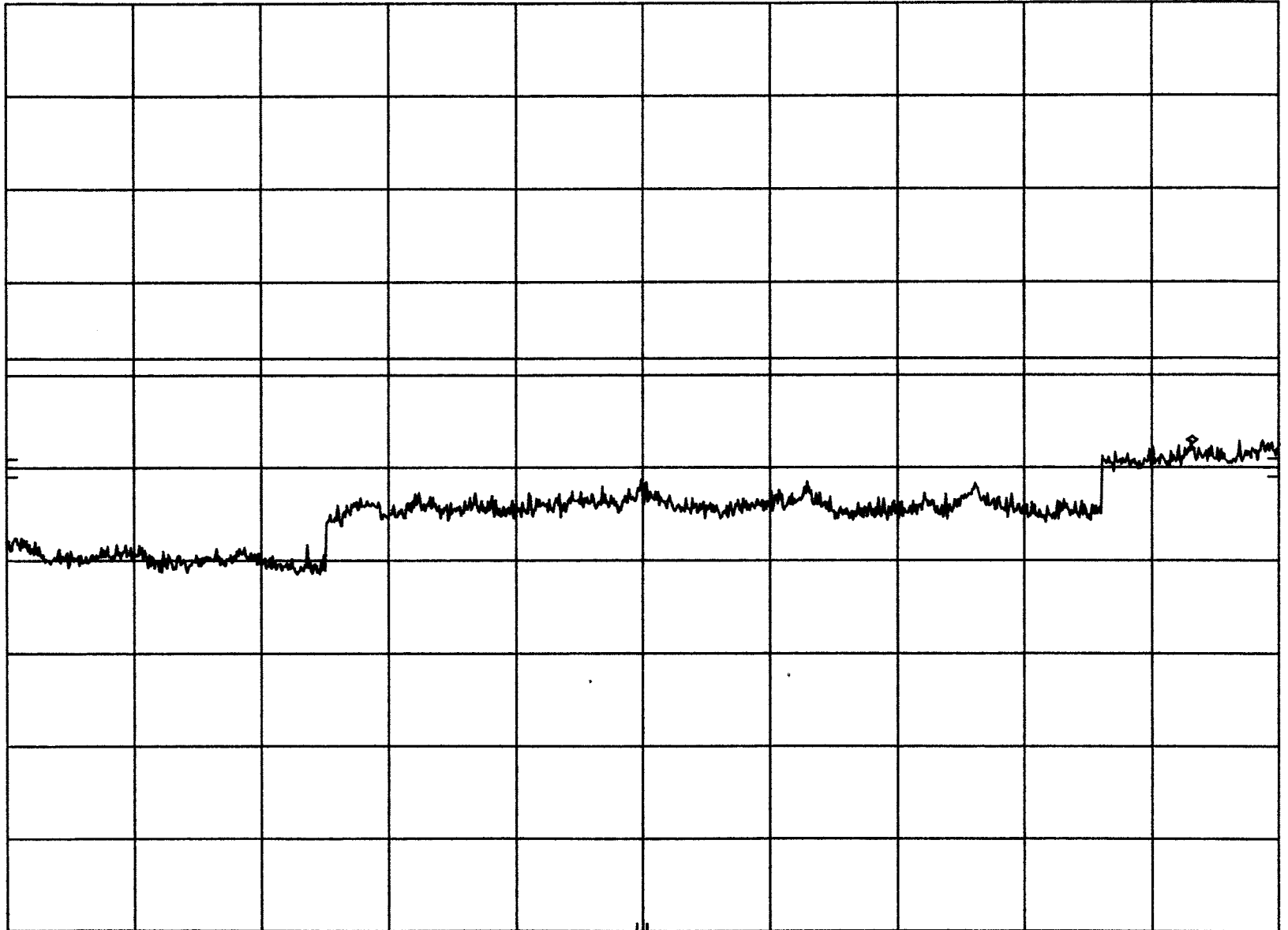
10 dB/

POS PK

OFFSET

0.8
dB

DL
-13.0
dBm



START 10.0 GHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 20.0 GHz

SWP 250 msec

SANYO FCC ID AEZSCP-5K PCS Ch 1175 Cond.SpursMKR 1.775 GHz

hp

REF 25.2 dBm ATTEN 40 dB + 20 dB

-33.20 dBm

10 dB/

POS PK

OFFSET

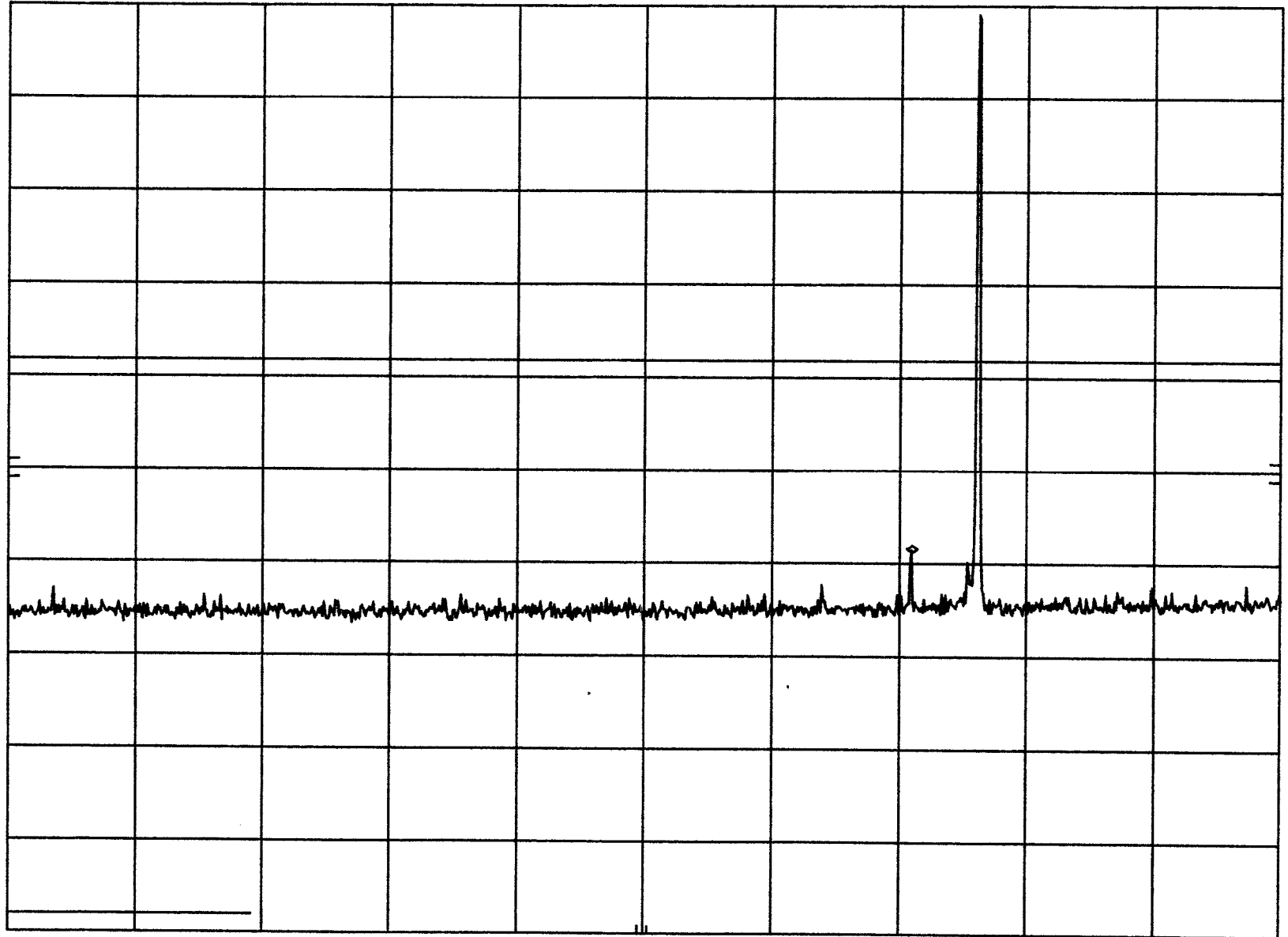
0.8

dB

DL

-13.0

dBm



START 10 MHz

RES BW 1 MHz (i)

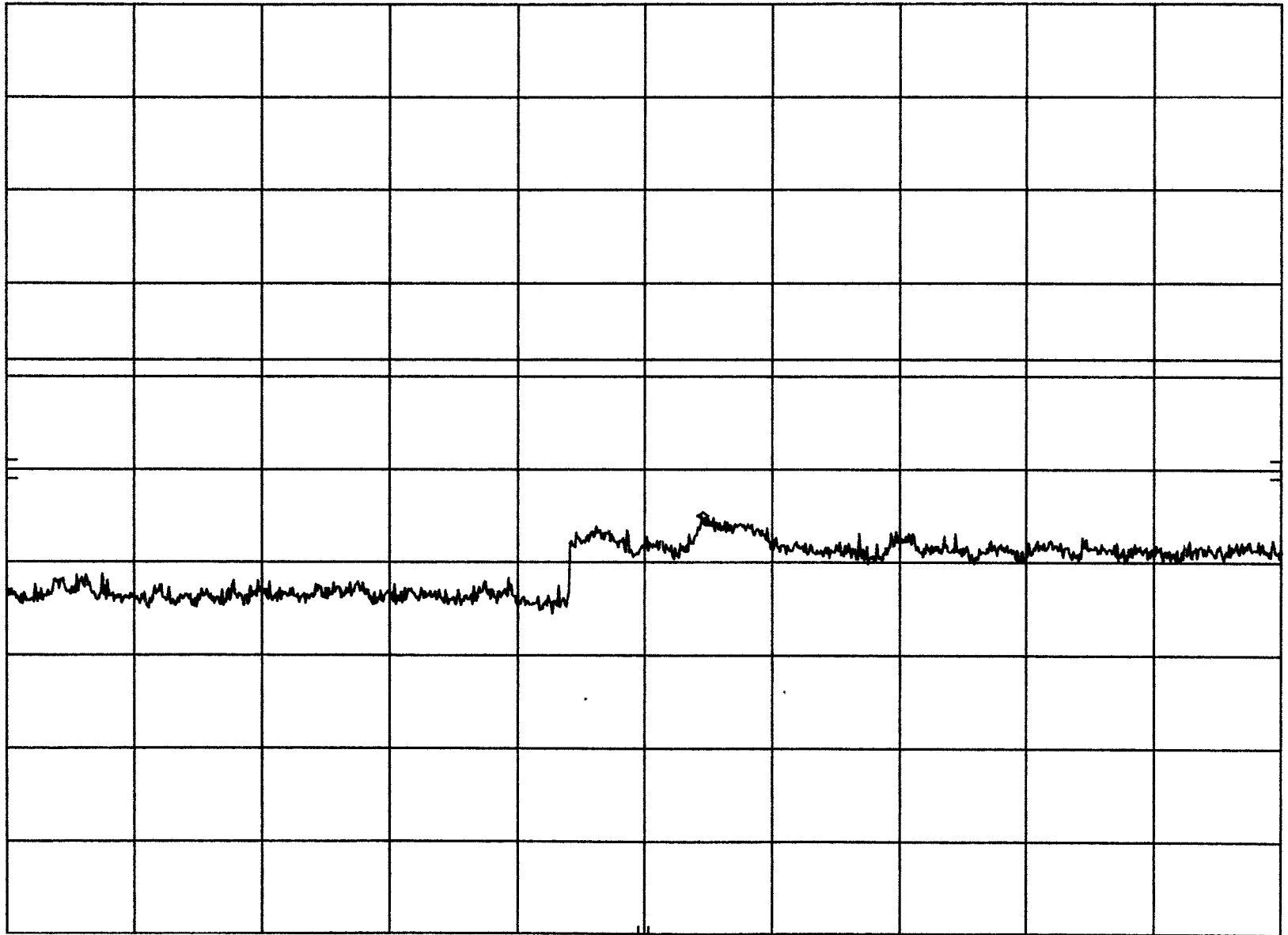
VBW 1 MHz

STOP 2.50 GHz

SWP 62.3 msec

SANYO FCC ID AEZSCP-5K PCS Ch 1175 Cond.SpursMKR 6.588 GHz
REF 25.2 dBm ATTEN 40 dB + 20 dB -29.80 dBm

hp
10 dB/
POS PK
OFFSET
0.8
dB
DL
-13.0
dBm



START 2.50 GHz STOP 10.00 GHz
RES BW 1 MHz (i) VBW 1 MHz SWP 188 msec

SANYO FCC ID AEZSCP-5K PCS Ch 1175 Cond.SpursMKR 19.96 GHz

REF 25.2 dBm ATTEN 40 dB

-21.20 dBm

hp

10 dB/

POS PK

OFFSET

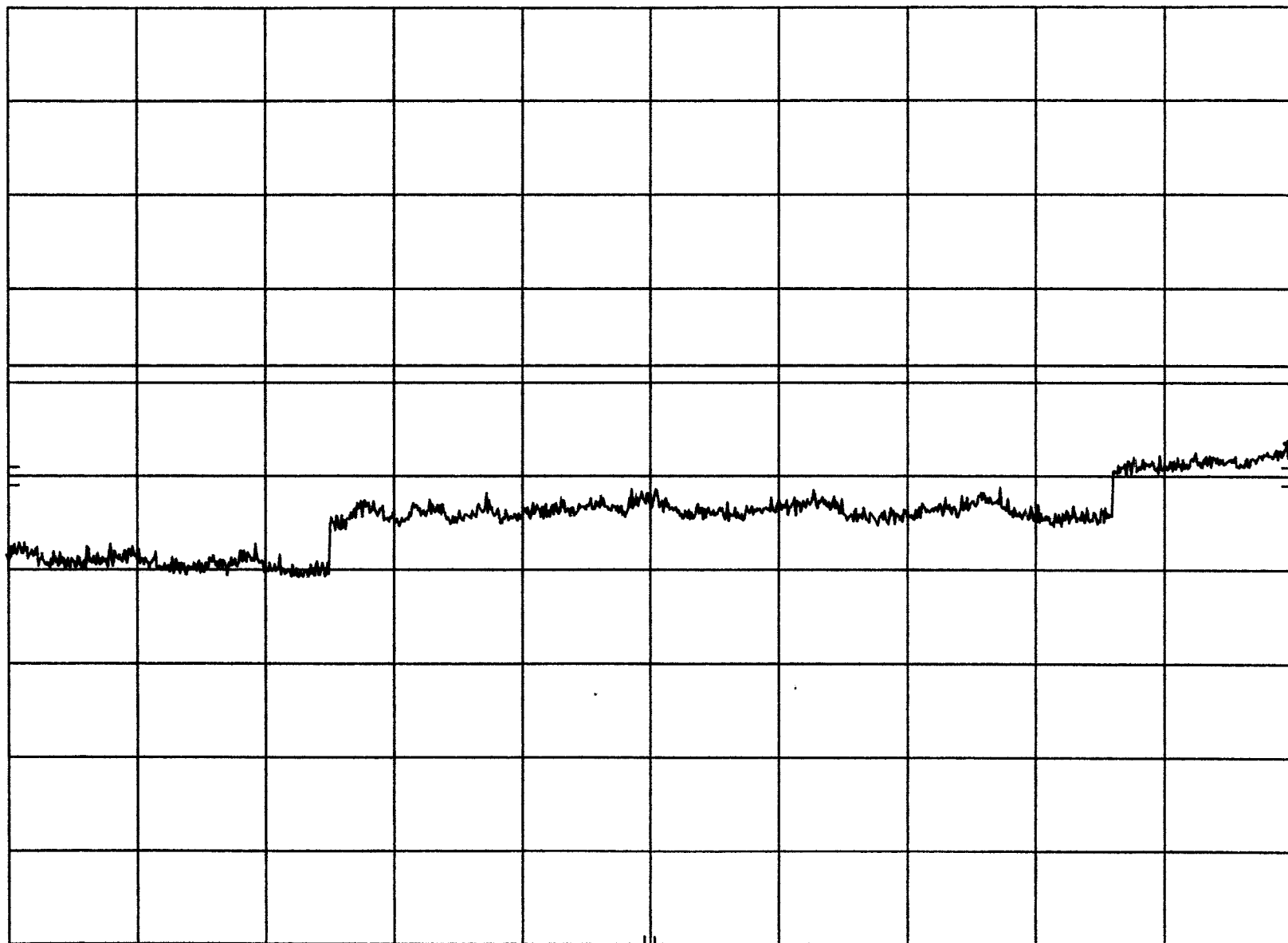
0.8

dB

DL

-13.0

dBm



START 10.0 GHz

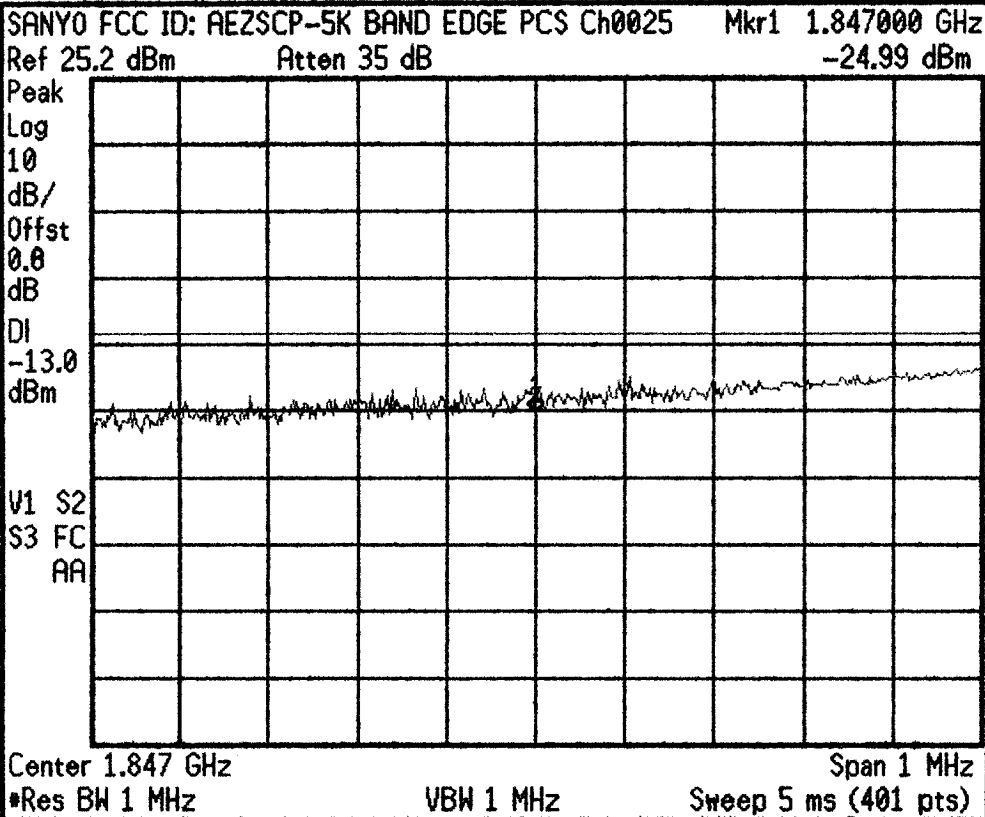
RES BW 1 MHz (i)

VBW 1 MHz

STOP 20.0 GHz

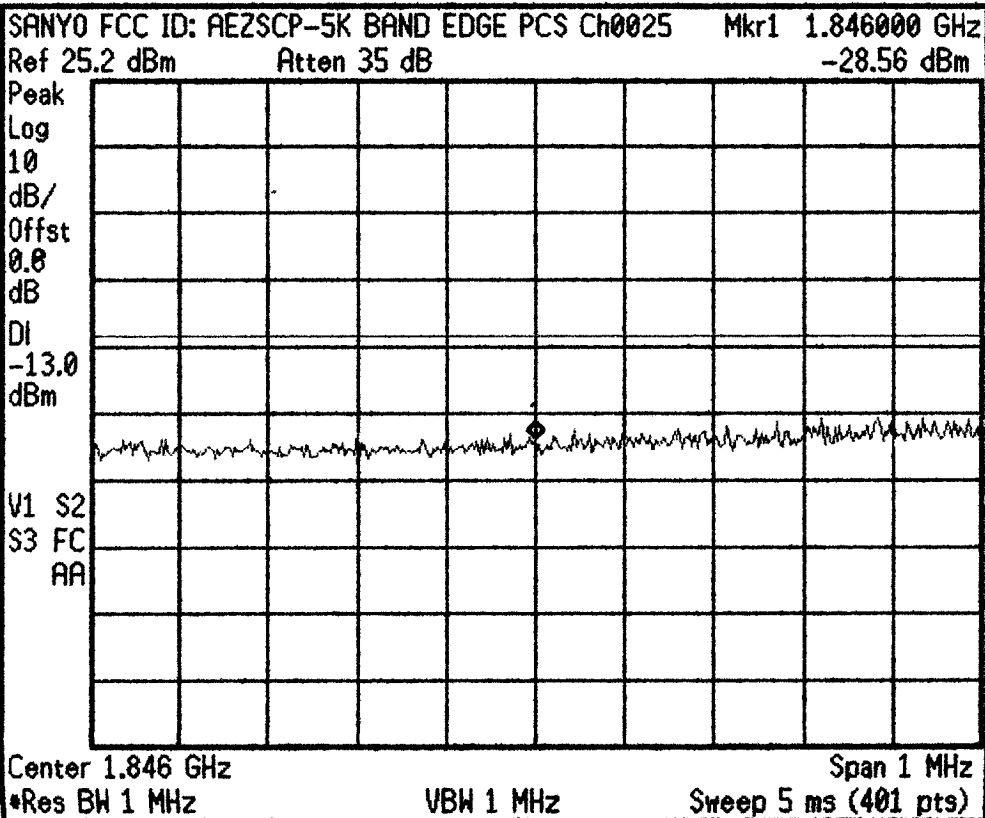
SWP 250 msec

* Agilent 08:28:35 Aug 17, 2000



Marker
Select Marker 1 2 3 4
Normal
Delta
Band Pair Start Stop
Span Pair Span Center
Off
More 1 of 2

* Agilent 08:31:04 Aug 17, 2000

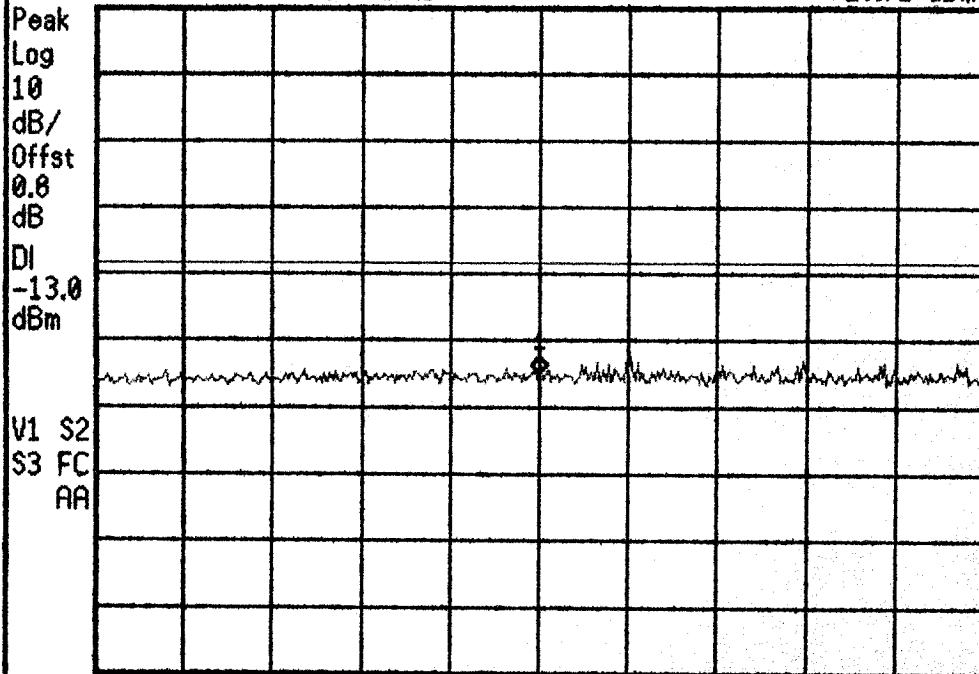


Freq/Channel
Center Freq 1.84600000 GHz
Start Freq 1.84550000 GHz
Stop Freq 1.84650000 GHz
CF Step 100.000000 kHz Auto Man
Freq Offset 0.00000000 Hz
Signal Track On Off

* Agilent 08:32:55 Aug 17, 2000

SANYO FCC ID: AEZSCP-5K BAND EDGE PCS Ch0025 Mkr1 1.845000 GHz

Ref 25.2 dBm Atten 35 dB -29.71 dBm



Center 1.845 GHz Span 1 MHz
*Res BW 1 MHz VBW 1 MHz Sweep 5 ms (401 pts)

Freq/Channel

Center Freq
1.84500000 GHz

Start Freq
1.84450000 GHz

Stop Freq
1.84550000 GHz

CF Step
100.000000 kHz
Auto Man

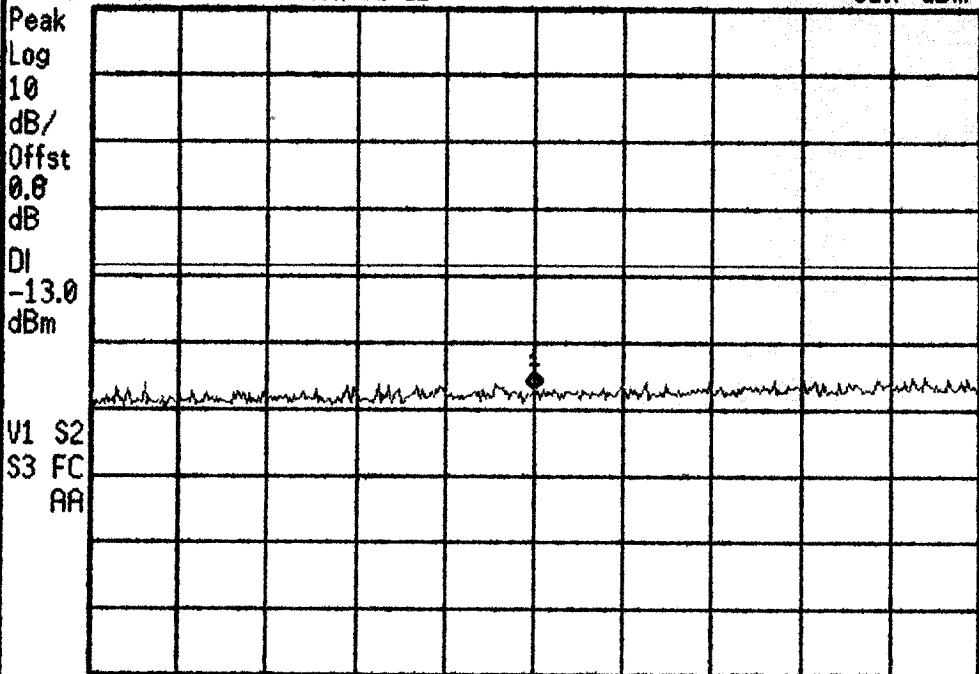
Freq Offset
0.00000000 Hz

Signal Track
On Off

* Agilent 08:34:14 Aug 17, 2000

SANYO FCC ID: AEZSCP-5K BAND EDGE PCS Ch0025 Mkr1 1.844000 GHz

Ref 25.2 dBm Atten 35 dB -31.7 dBm



Center 1.844 GHz Span 1 MHz
*Res BW 1 MHz VBW 1 MHz Sweep 5 ms (401 pts)

Freq/Channel

Center Freq
1.84400000 GHz

Start Freq
1.84350000 GHz

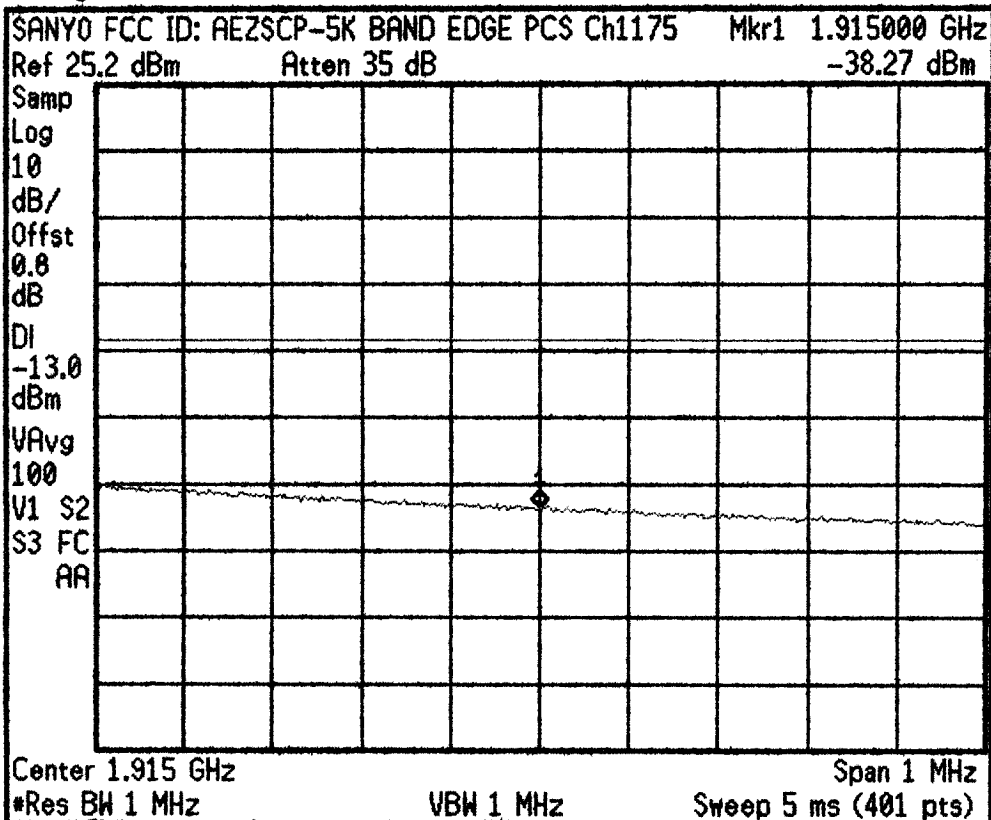
Stop Freq
1.84450000 GHz

CF Step
100.000000 kHz
Auto Man

Freq Offset
0.00000000 Hz

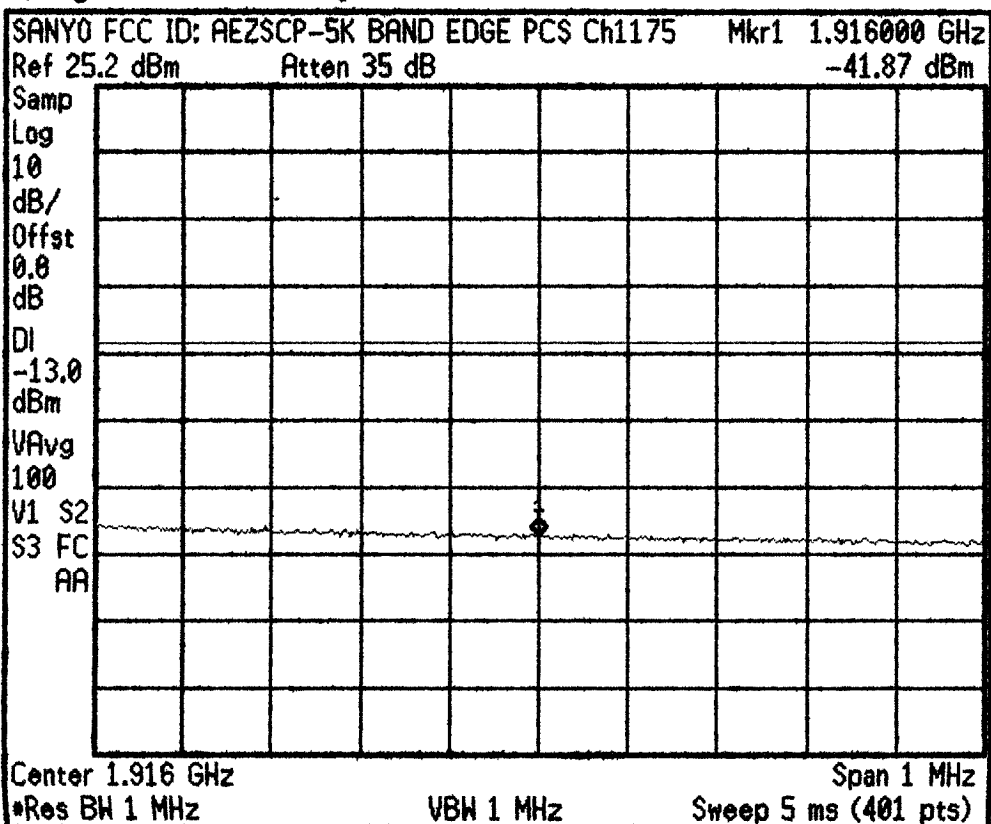
Signal Track
On Off

* Agilent 08:40:23 Aug 17, 2000



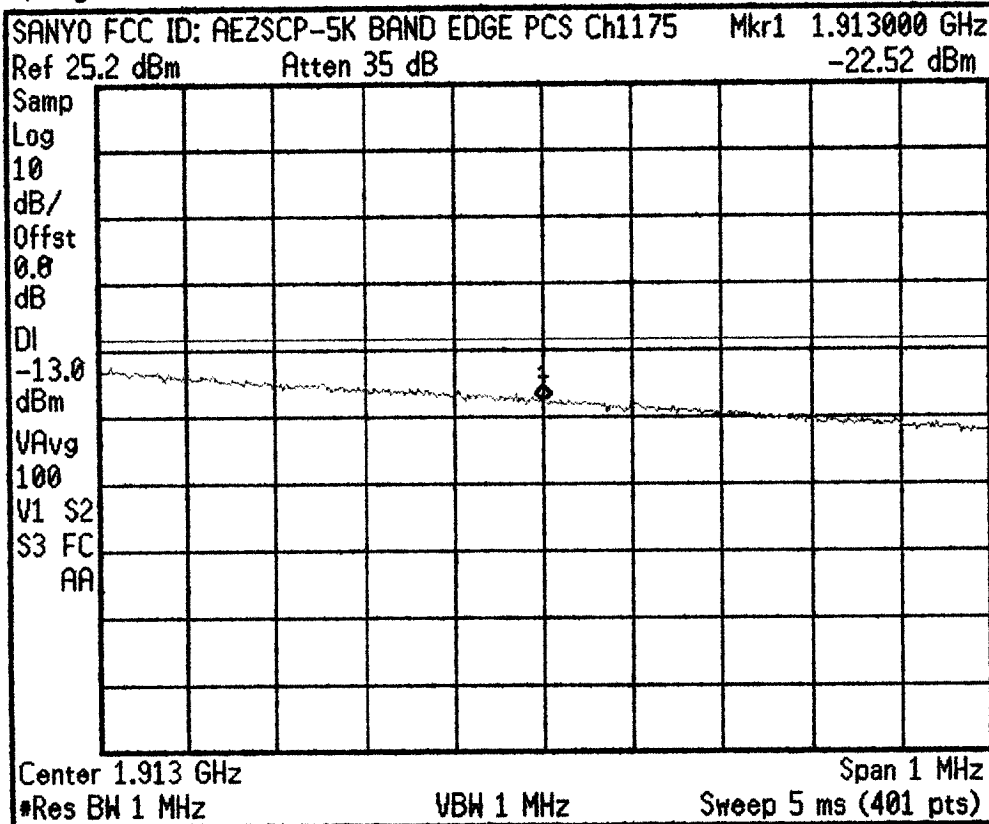
Freq/Channel
Center Freq 1.91500000 GHz
Start Freq 1.91450000 GHz
Stop Freq 1.91550000 GHz
CF Step 100.000000 kHz Auto Man
Freq Offset 0.00000000 Hz
Signal Track On Off

* Agilent 08:41:30 Aug 17, 2000



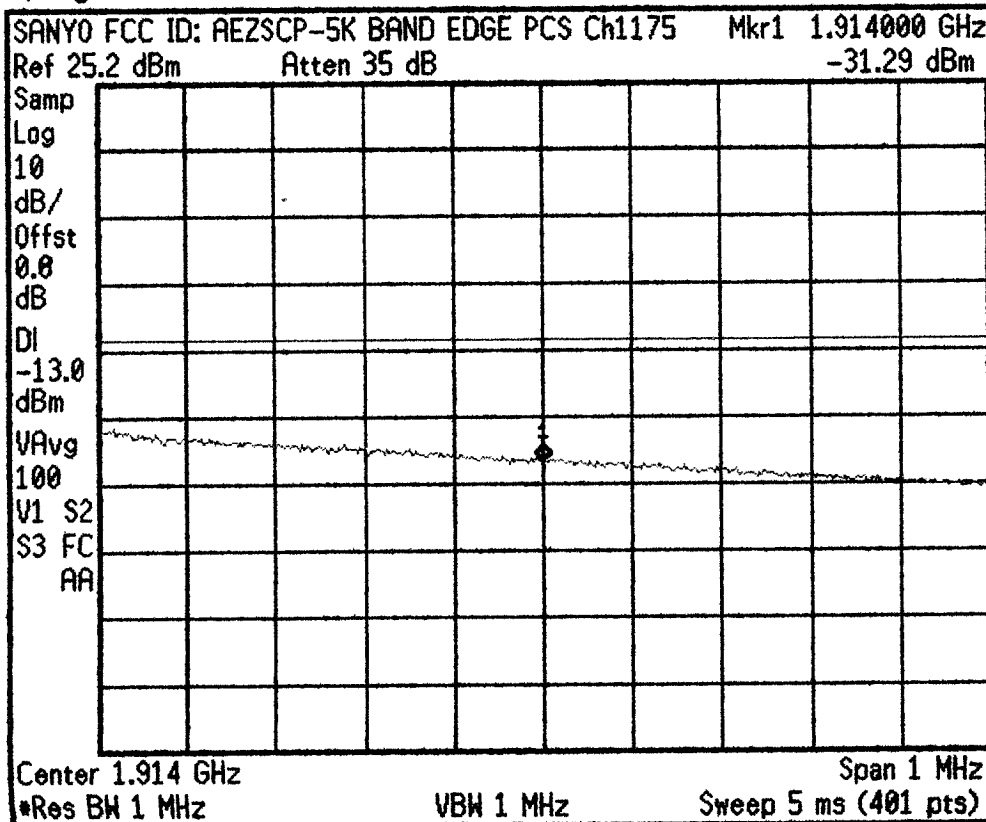
Freq/Channel
Center Freq 1.91600000 GHz
Start Freq 1.91550000 GHz
Stop Freq 1.91650000 GHz
CF Step 100.000000 kHz Auto Man
Freq Offset 0.00000000 Hz
Signal Track On Off

* Agilent 08:38:28 Aug 17, 2000



Freq/Channel
Center Freq 1.91300000 GHz
Start Freq 1.91250000 GHz
Stop Freq 1.91350000 GHz
CF Step 100.000000 kHz Auto Man
Freq Offset 0.00000000 Hz
Signal Track On Off

* Agilent 08:39:25 Aug 17, 2000

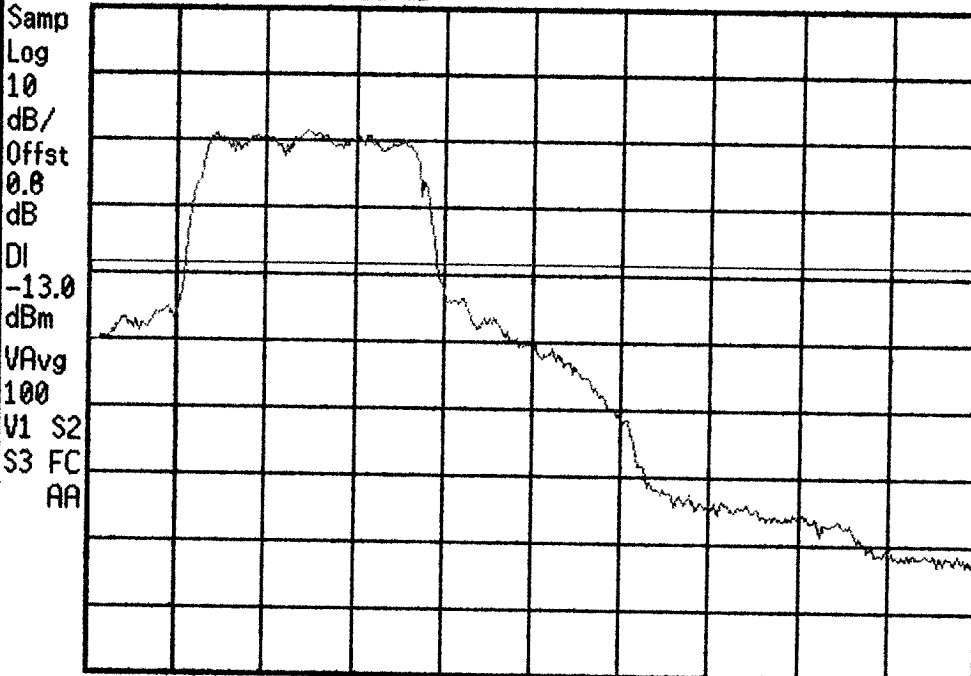


Freq/Channel
Center Freq 1.91400000 GHz
Start Freq 1.91350000 GHz
Stop Freq 1.91450000 GHz
CF Step 100.000000 kHz Auto Man
Freq Offset 0.00000000 Hz
Signal Track On Off

Agilent 08:22:39 Aug 17, 2000

SANYO FCC ID: AEZSCP-5K BAND EDGE PCS Ch1175

Ref 25.2 dBm Atten 35 dB



Center 1.91 GHz Span 5 MHz
*Res BW 30 kHz VBW 30 kHz Sweep 13.89 ms (401 pts)

Freq/Channel

Center Freq
1.91000000 GHz

Start Freq
1.90750000 GHz

Stop Freq
1.91250000 GHz

CF Step
500.000000 kHz
Auto Man

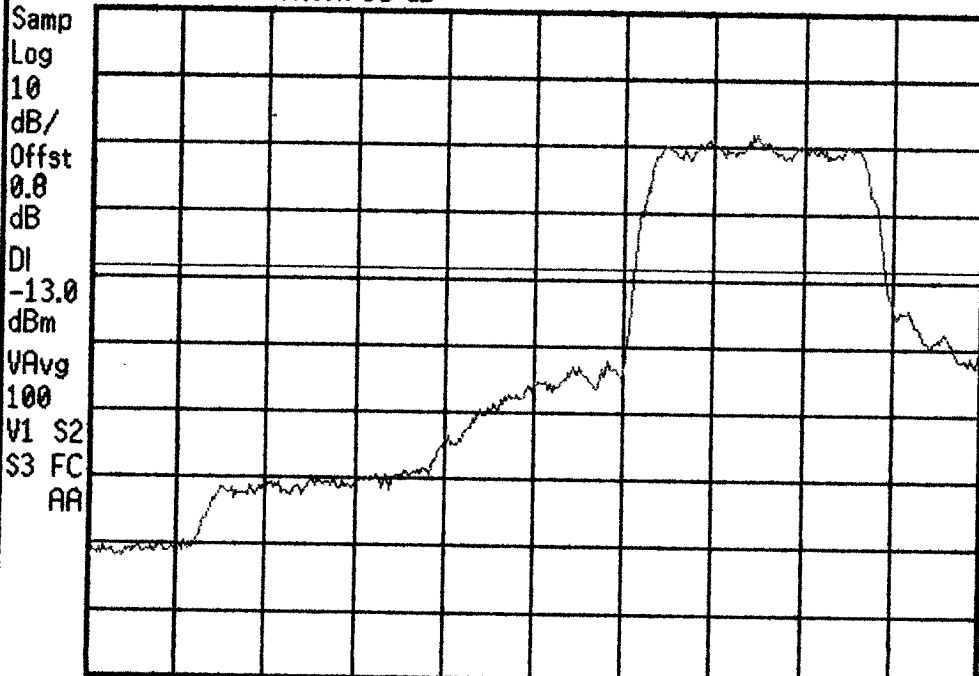
Freq Offset
0.00000000 Hz

Signal Track
On Off

Agilent 08:24:11 Aug 17, 2000

SANYO FCC ID: AEZSCP-5K BAND EDGE PCS Ch0025

Ref 25.2 dBm Atten 35 dB



Center 1.85 GHz Span 5 MHz
*Res BW 30 kHz VBW 30 kHz Sweep 13.89 ms (401 pts)

Freq/Channel

Center Freq
1.85000000 GHz

Start Freq
1.84750000 GHz

Stop Freq
1.85250000 GHz

CF Step
500.000000 kHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

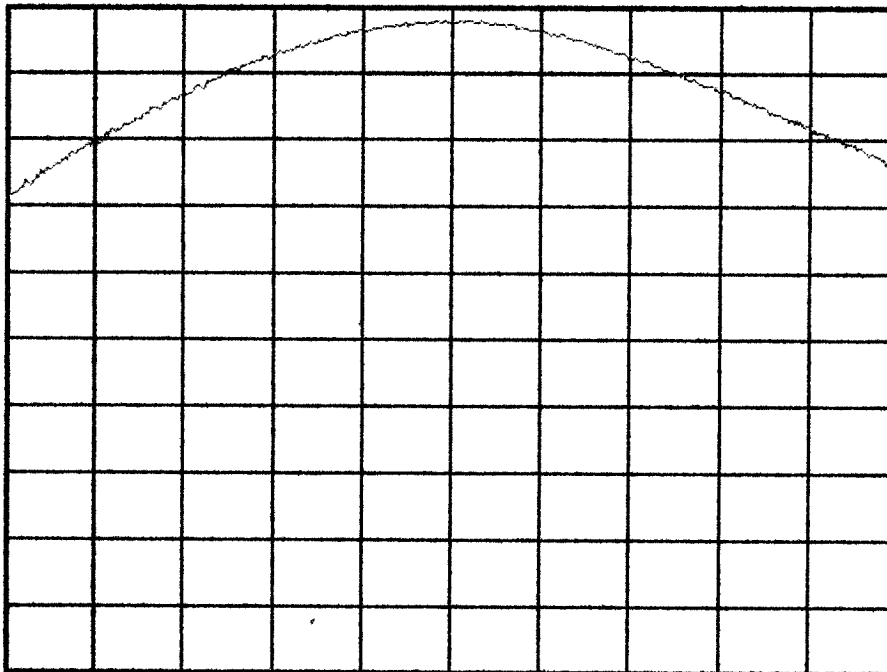
* Agilent 08:46:25 Aug 17, 2000

SANYO FCC ID: AEZSCP-5K PWR OUT PCS Ch.0600

Ref 25.2 dBm Atten 35 dB

Samp
Log
10
dB/
Offst
0.0
dB

VAvg
100
V1 S2
S3 FC
AA



Center 1.88 GHz

Res BW 3 MHz

VBW 3 MHz

Span 10 MHz

Sweep 5 ms (401 pts)

Trace

Trace

1 2 3

Clear Write

Max Hold

Min Hold

View

Blank

More

1 of 2

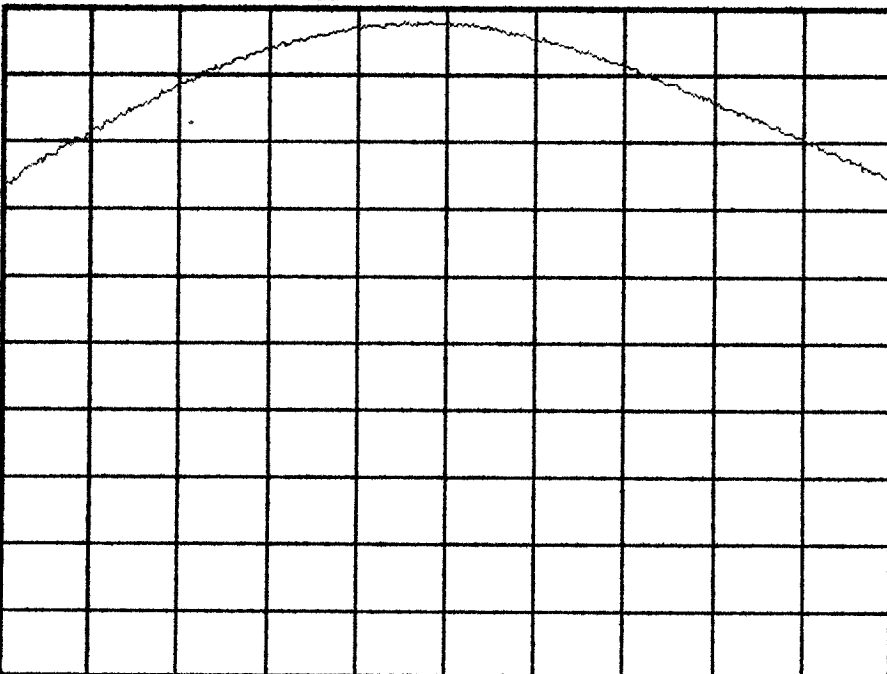
* Agilent 08:49:45 Aug 17, 2000

SANYO FCC ID: AEZSCP-5K PWR OUT PCS Ch.1175

Ref 25.2 dBm Atten 35 dB

Samp
Log
10
dB/
Offst
0.0
dB

VAvg
100
V1 S2
S3 FC
AA



Center 1.909 GHz

Res BW 3 MHz

VBW 3 MHz

Span 10 MHz

Sweep 5 ms (401 pts)

Freq/Channel

Center Freq
1.90900000 GHz

Start Freq
1.90400000 GHz

Stop Freq
1.91400000 GHz

CF Step
1.00000000 MHz
Auto Man

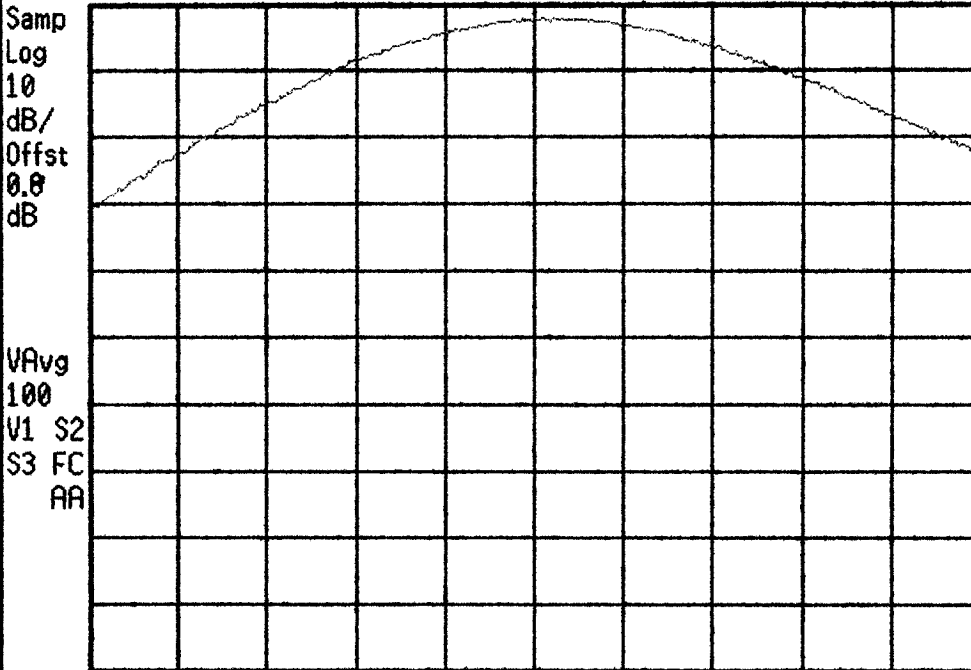
Freq Offset
0.00000000 Hz

Signal Track
On Off

* Agilent 08:51:27 Aug 17, 2000

SANYO FCC ID: AEZSCP-5K PWR OUT PCS Ch.0025

Ref 25.2 dBm Atten 35 dB



Center 1.851 GHz Span 10 MHz
 *Res BW 3 MHz VBW 3 MHz Sweep 5 ms (401 pts)

Freq/Channel

Center Freq
1.85100000 GHz

Start Freq
1.84600000 GHz

Stop Freq
1.85600000 GHz

CF Step
1.00000000 MHz
Auto Man

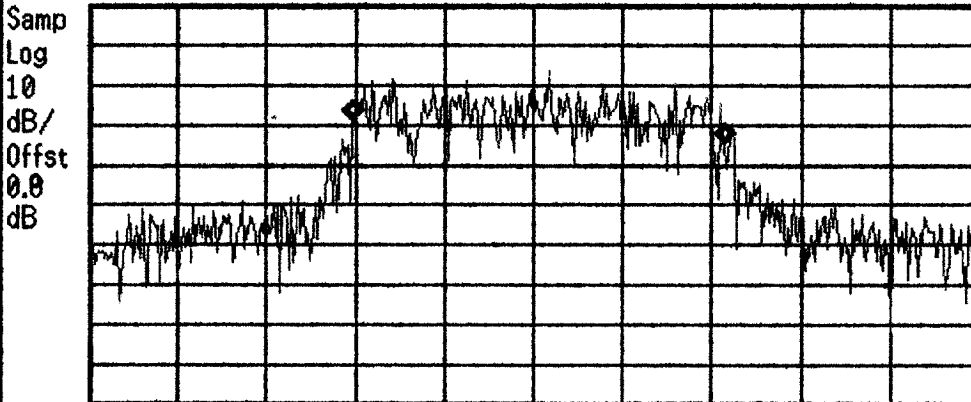
Freq Offset
0.00000000 Hz

Signal Track
On Off

* Agilent 09:15:11 Aug 17, 2000

SANYO FCC ID: AEZSCP-5K PWR OUT PCS Ch.0600

Ref 25.2 dBm Atten 35 dB



Center 1.88 GHz Span 3 MHz
 *Res BW 30 kHz *VBW 300 kHz Sweep 9.167 ms (401 pts)

Freq/Channel

Center Freq
1.88000000 GHz

Start Freq
1.87850000 GHz

Stop Freq
1.88150000 GHz

CF Step
300.000000 kHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Occupied Bandwidth Results (idle)

Occupied Bandwidth
1.251 MHz

Occ BW % Pwr 99.00 %

Transmit Freq Error 17.35 kHz