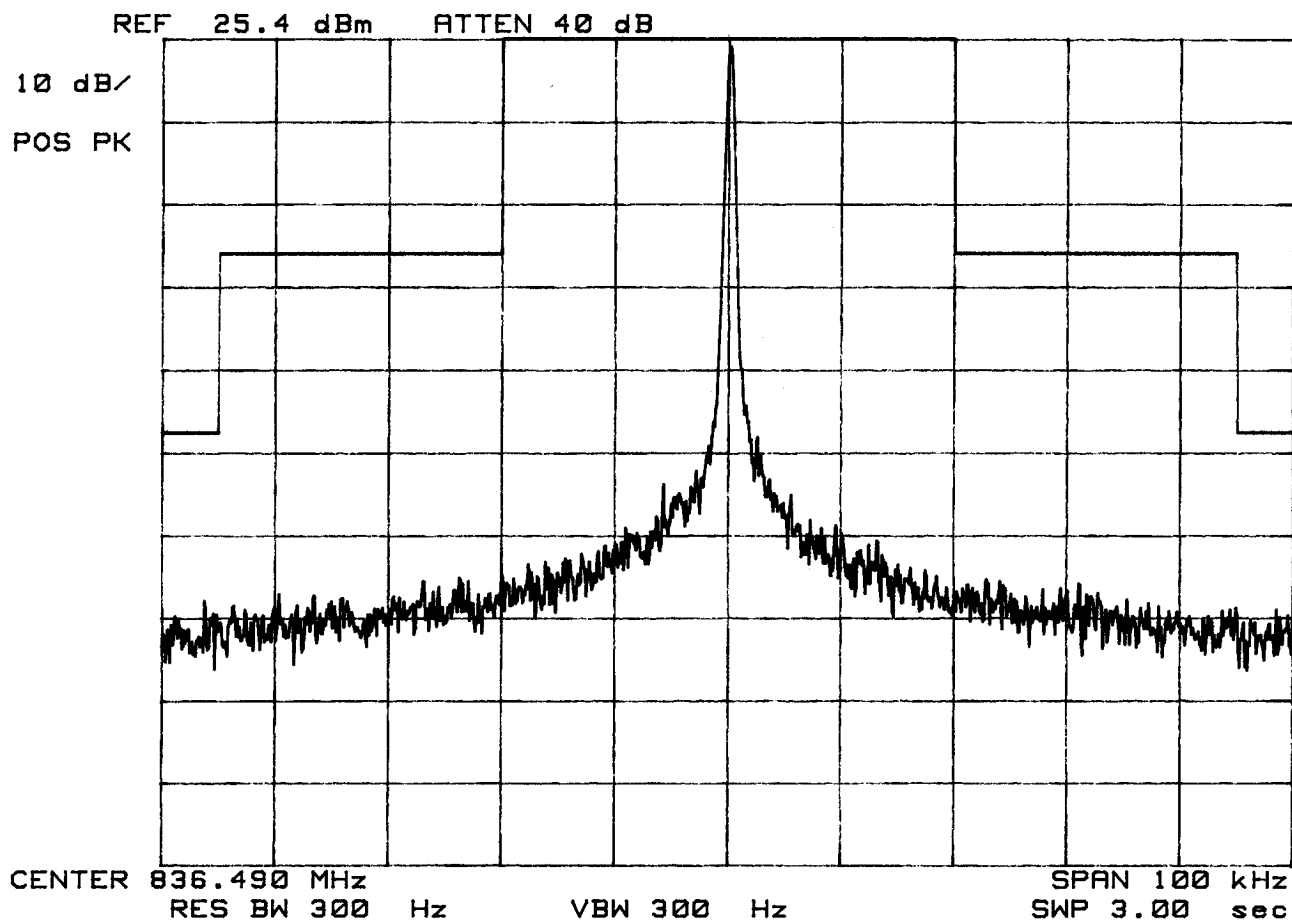


# PCTEST Engineering Lab.

## SPECTRUM ANALYZER PRESENTATION

FCC ID:AEZSCP-45H  
SANYO Electric Co., Ltd.  
FM Mode  
FM Channel 383  
Operating Frequency: 836.490 MHz  
Output Power : 25.4 dBm

Test Mode:Unmodulated Signal

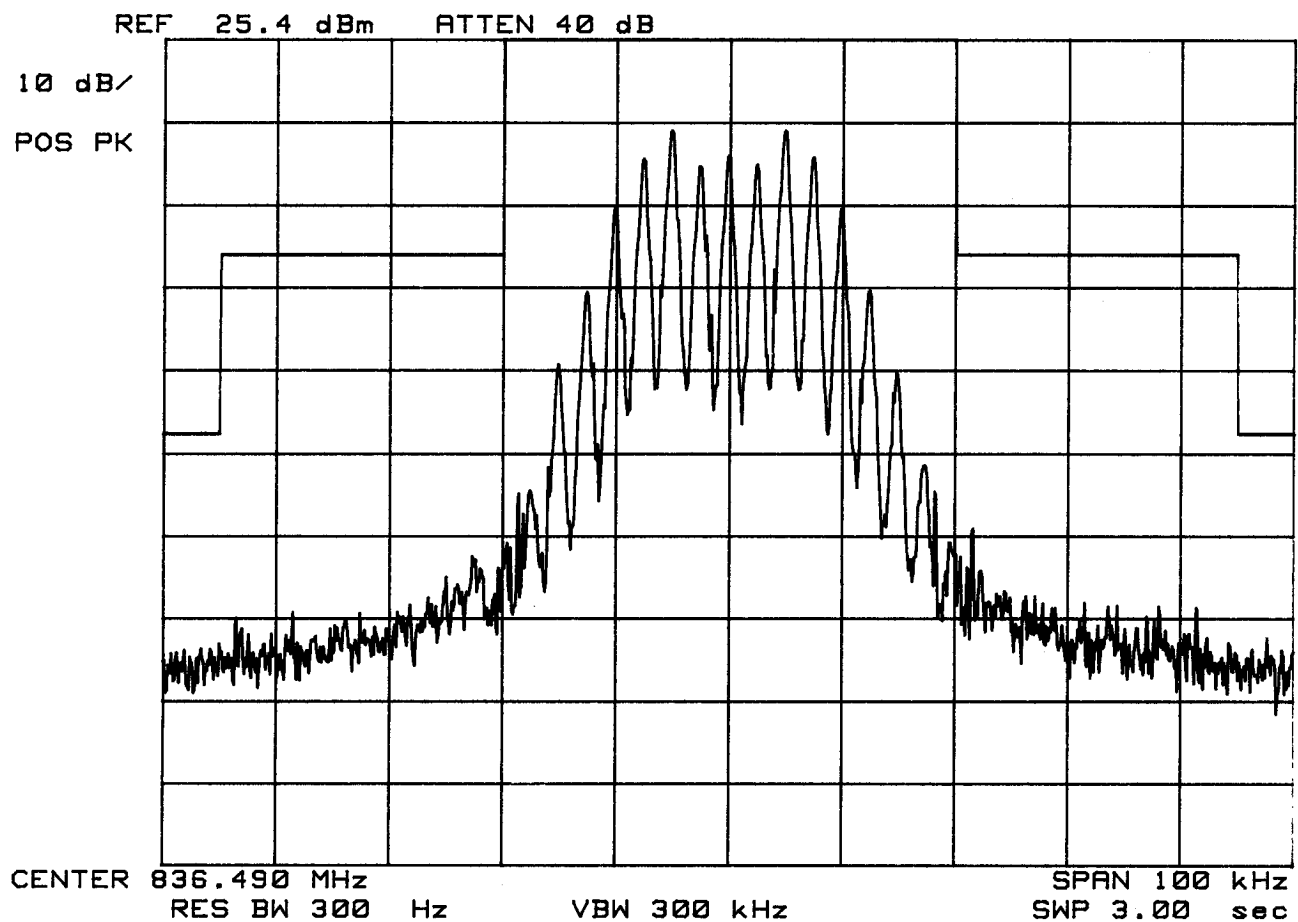


# PCTEST Engineering Lab.

## SPECTRUM ANALYZER PRESENTATION

FCC ID:AEZSCP-45H  
SANYO Electric Co., Ltd.  
FM Mode  
Channel 0383  
Operating Frequency: 836.490 MHz  
Output Power : 25.4 dBm

Test Mode:Voice

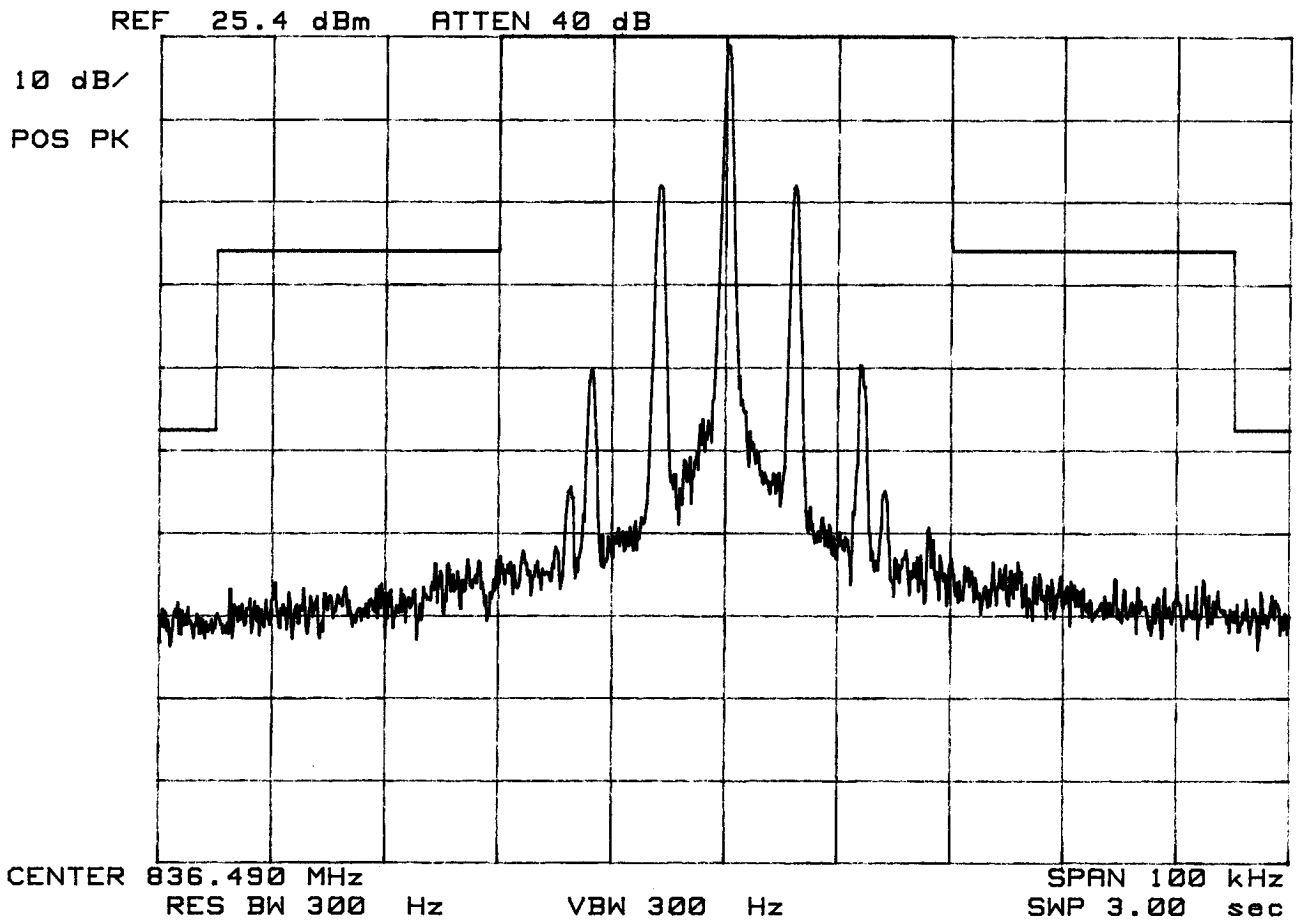


# PCTEST Engineering Lab.

## SPECTRUM ANALYZER PRESENTATION

FCC ID:AEZSCP-45H  
SANYO Electric Co., Ltd.  
FM Mode  
FM Channel 383  
Operating Frequency: 836.490 MHz  
Output Power : 25.4 dBm

Test Mode:SAT

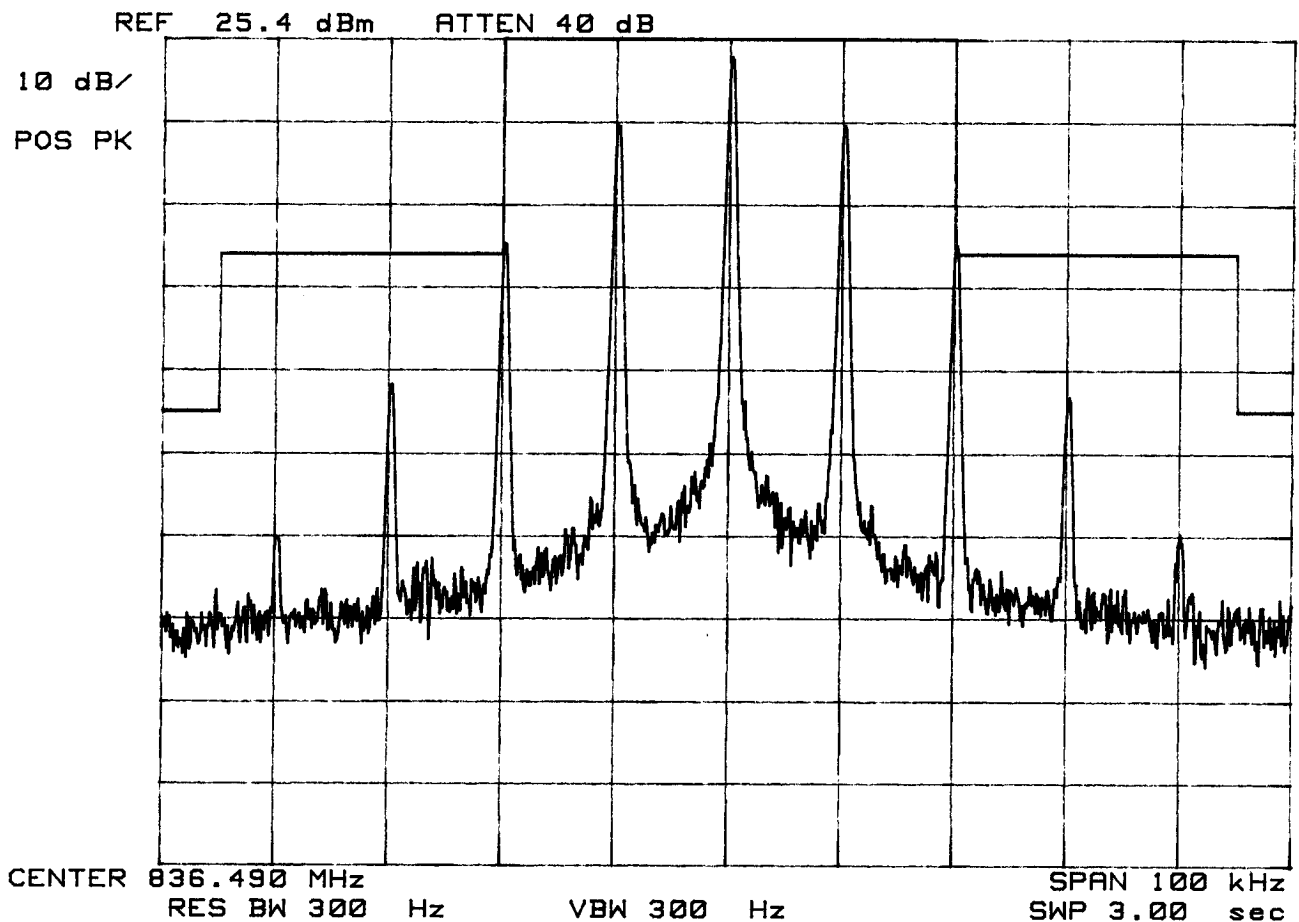


# PCTEST Engineering Lab.

## SPECTRUM ANALYZER PRESENTATION

FCC ID:AEZSCP-45H  
SANYO Electric Co., Ltd.  
FM Mode  
FM Channel 383  
Operating Frequency: 836.490 MHz  
Output Power : 25.4 dBm

Test Mode:ST

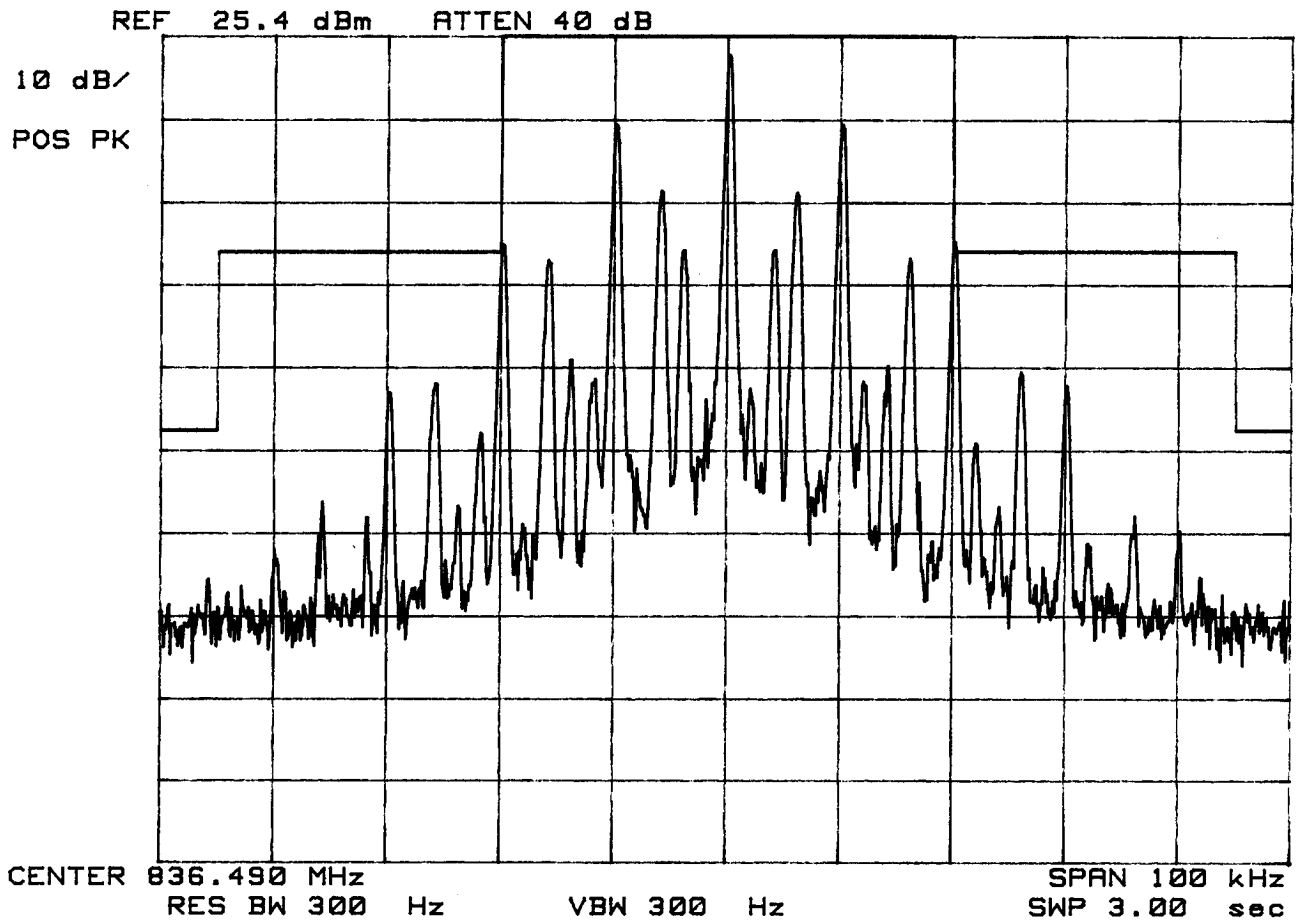


# PCTEST Engineering Lab.

## SPECTRUM ANALYZER PRESENTATION

FCC ID:AEZSCP-45H  
SANYO Electric Co., Ltd.  
FM Mode  
FM Channel 383  
Operating Frequency: 836.490 MHz  
Output Power : 25.4 dBm

Test Mode:SAT + ST

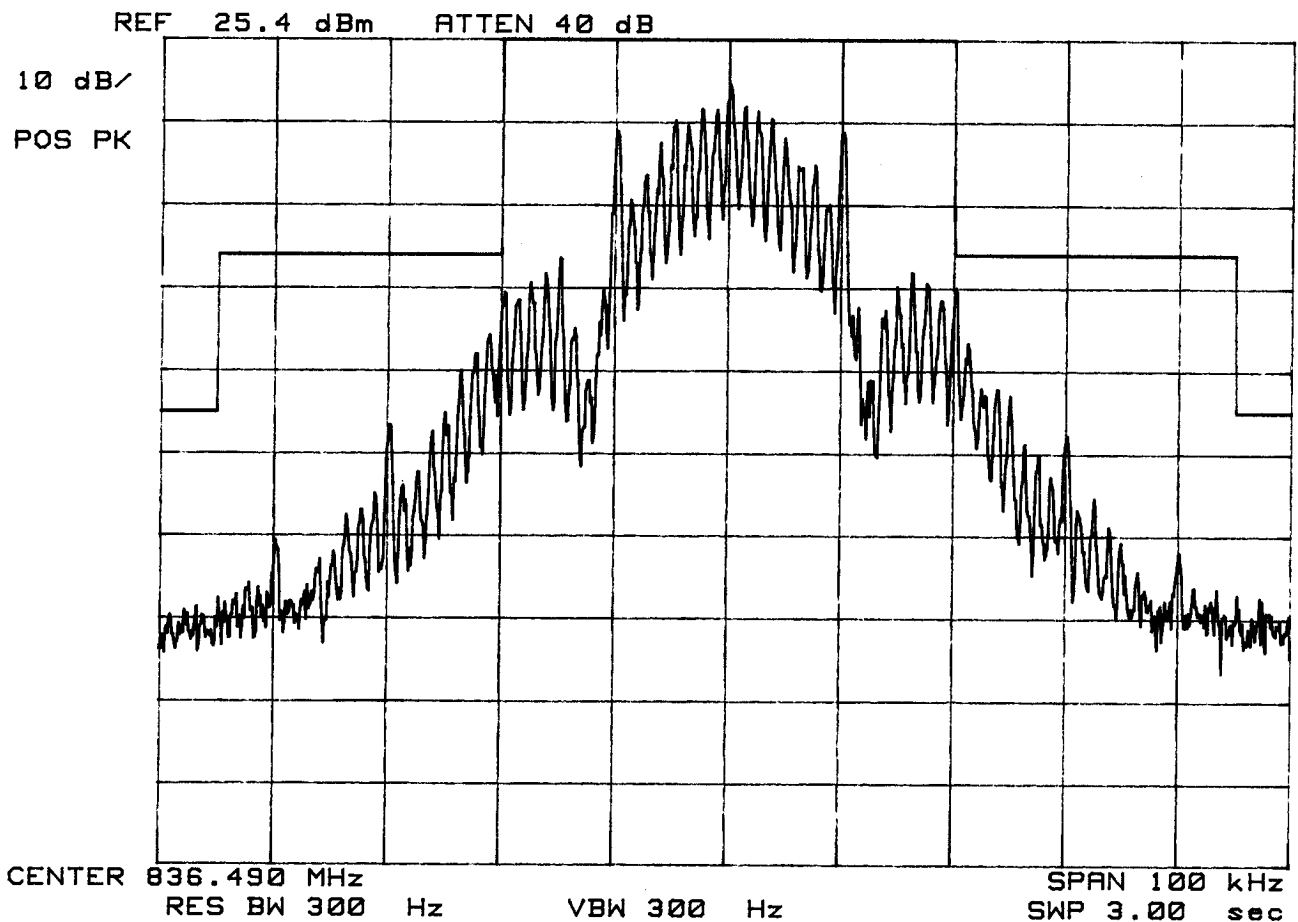


# PCTEST Engineering Lab.

## SPECTRUM ANALYZER PRESENTATION

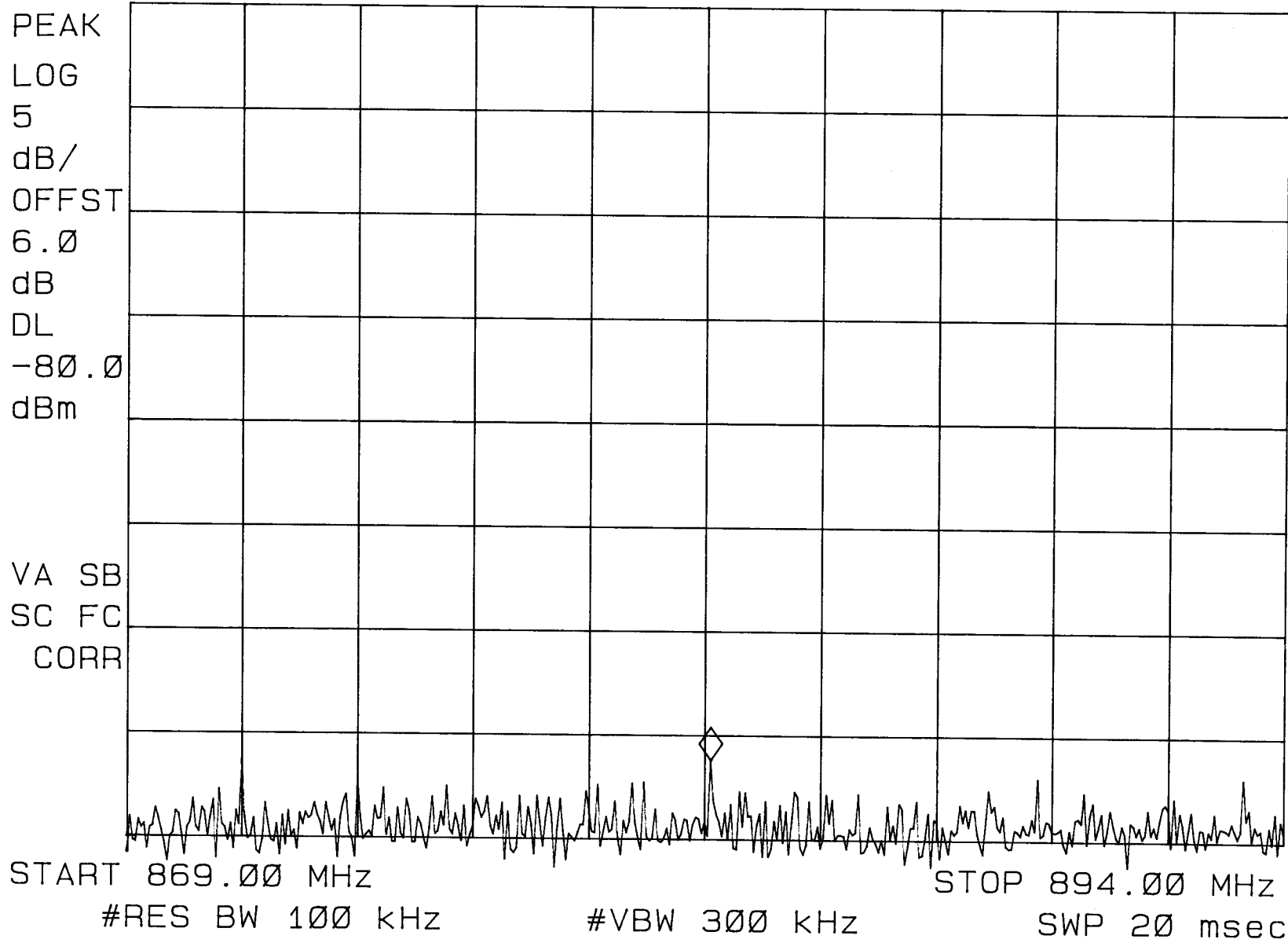
FCC ID:AEZSCP-45H  
SANYO Electric Co., Ltd.  
FM Mode  
FM Channel 383  
Operating Frequency: 836.490 MHz  
Output Power : 25.4 dBm

Test Mode:Wide Band Data



hp SANYO FCC ID: AEZSCP-45H FM MODE  
REF -60.0 dBm ATTEN 10 dB PG 25.0 dB

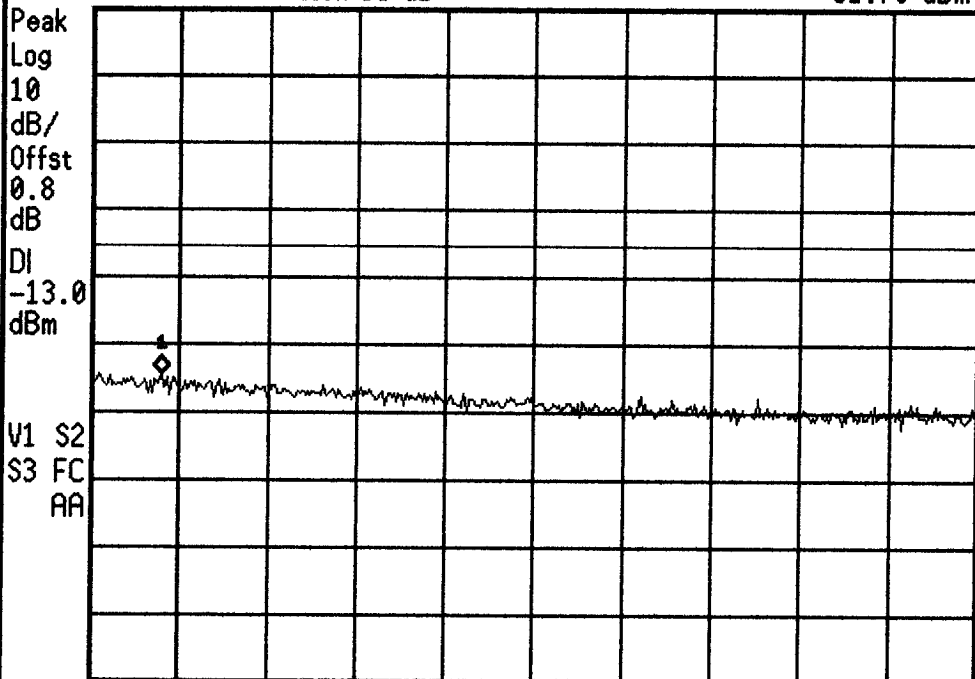
MKR 881.62 MHz  
-96.18 dBm



hp 15:26:37 Mar 27, 2000

SANYO FCC ID: AEZSCP-45H PCS BAND EDGE C1175 Mkr1 1.914580 GHz

Ref 22.4 dBm Atten 35 dB -31.78 dBm



Center 1.915 GHz Span 1 MHz  
\*Res BW 1 MHz VBW 1 MHz Sweep 5 ms

Freq/Channel

Center Freq  
1.91500000 GHz

Start Freq  
1.91450000 GHz

Stop Freq  
1.91550000 GHz

CF Step  
100.000000 kHz  
Auto Man

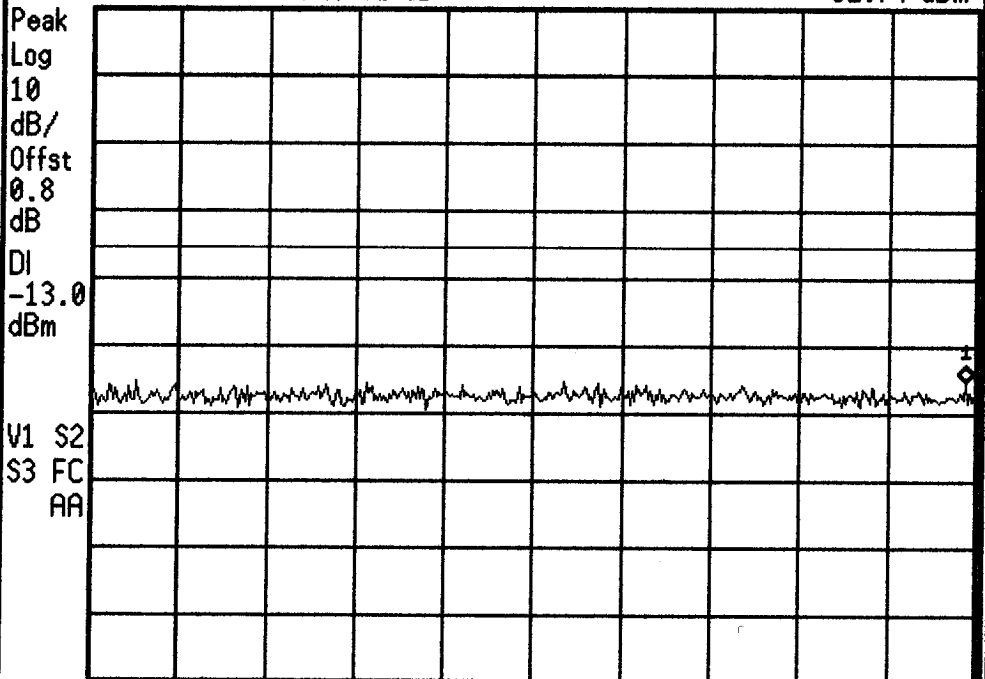
Freq Offset  
0.00000000 Hz

Signal Track  
On Off

hp 15:27:27 Mar 27, 2000

SANYO FCC ID: AEZSCP-45H PCS BAND EDGE C1175 Mkr1 1.916488 GHz

Ref 22.4 dBm Atten 35 dB -32.74 dBm



Center 1.916 GHz Span 1 MHz  
\*Res BW 1 MHz VBW 1 MHz Sweep 5 ms

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

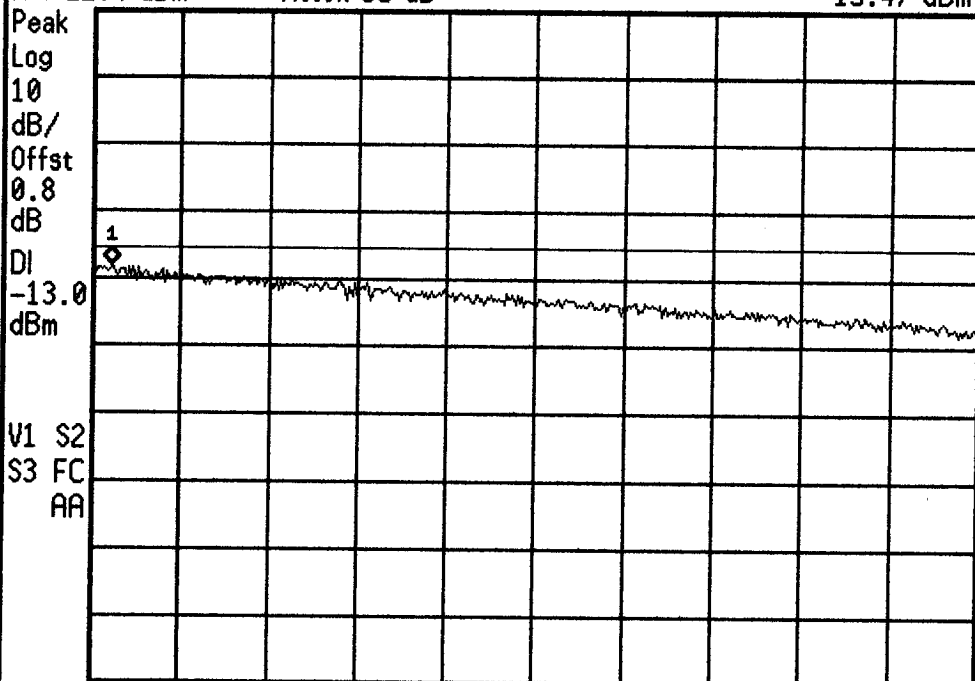
Signal Track  
On Off



hp 15:24:40 Mar 27, 2000

SANYO FCC ID: AEZSCP-45H PCS BAND EDGE C1175 Mkr1 1.912523 GHz

Ref 22.4 dBm Atten 35 dB -15.47 dBm



Center 1.913 GHz

Res BW 1 MHz

VBW 1 MHz

Span 1 MHz

Sweep 5 ms

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

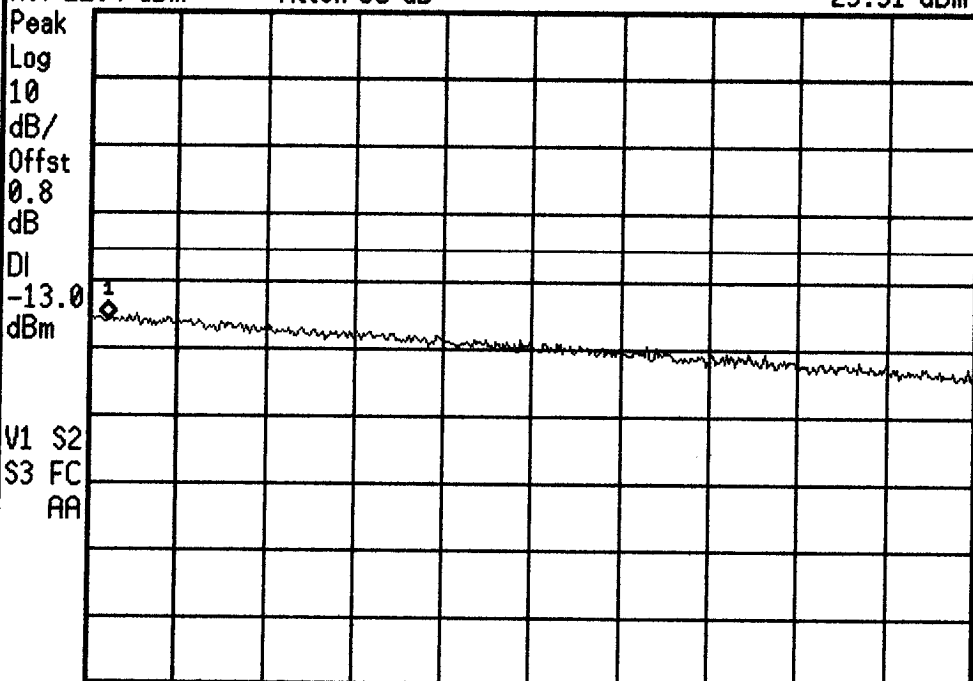
Signal Track

On Off

hp 15:25:26 Mar 27, 2000

SANYO FCC ID: AEZSCP-45H PCS BAND EDGE C1175 Mkr1 1.913523 GHz

Ref 22.4 dBm Atten 35 dB -23.31 dBm



Center 1.914 GHz

Res BW 1 MHz

VBW 1 MHz

Span 1 MHz

Sweep 5 ms

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

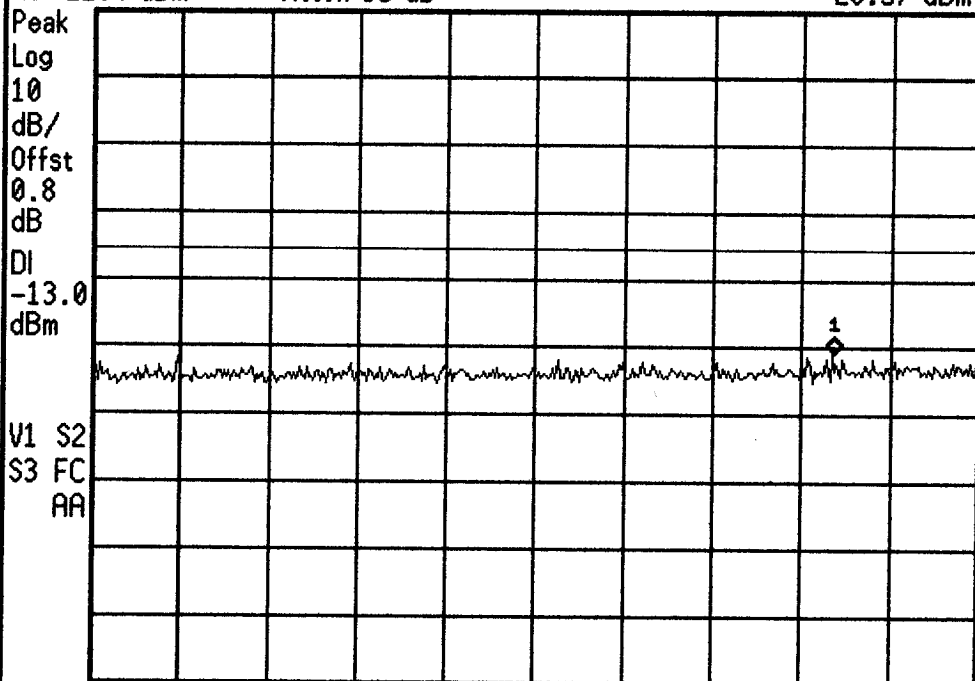
Signal Track

On Off

hp 15:22:07 Mar 27, 2000

SANYO FCC ID: AEZSCP-45H PCS BAND EDGE C0025 Mkr1 1.845335 GHz

Ref 22.4 dBm Atten 35 dB -28.57 dBm



Center 1.845 GHz

\*Res BW 1 MHz

VBW 1 MHz

Span 1 MHz

Sweep 5 ms

Freq/Channel

Center Freq  
1.8450000 GHz

Start Freq  
1.8445000 GHz

Stop Freq  
1.8455000 GHz

CF Step  
100.00000 kHz  
Auto Man

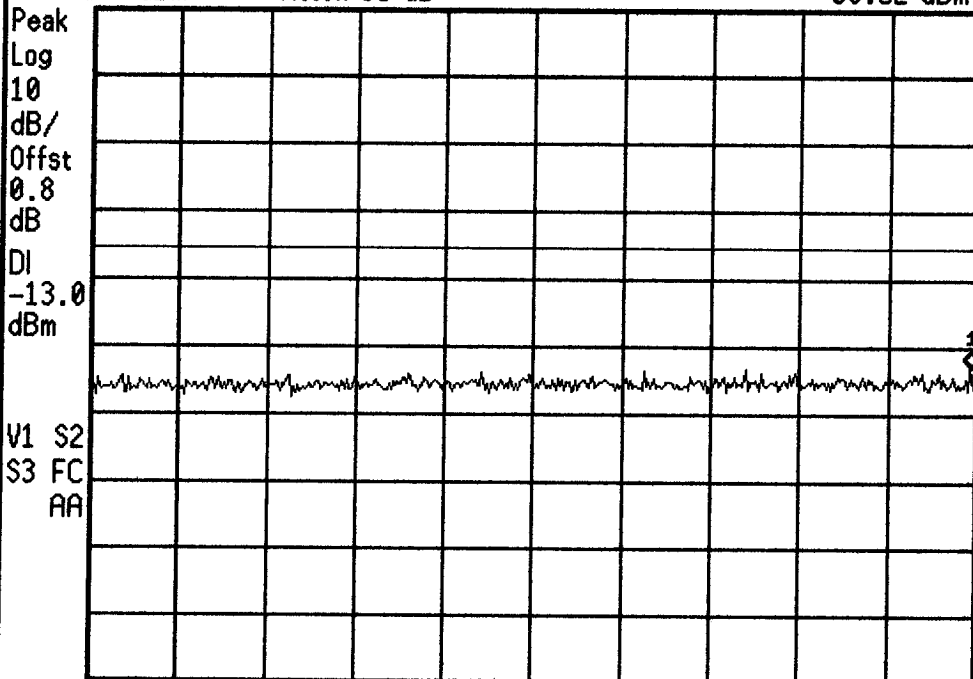
Freq Offset  
0.0000000 Hz

Signal Track  
On Off

hp 15:23:07 Mar 27, 2000

SANYO FCC ID: AEZSCP-45H PCS BAND EDGE C0025 Mkr1 1.844493 GHz

Ref 22.4 dBm Atten 35 dB -30.52 dBm



Center 1.844 GHz

\*Res BW 1 MHz

VBW 1 MHz

Span 1 MHz

Sweep 5 ms

Freq/Channel

Center Freq  
1.8440000 GHz

Start Freq  
1.8435000 GHz

Stop Freq  
1.8445000 GHz

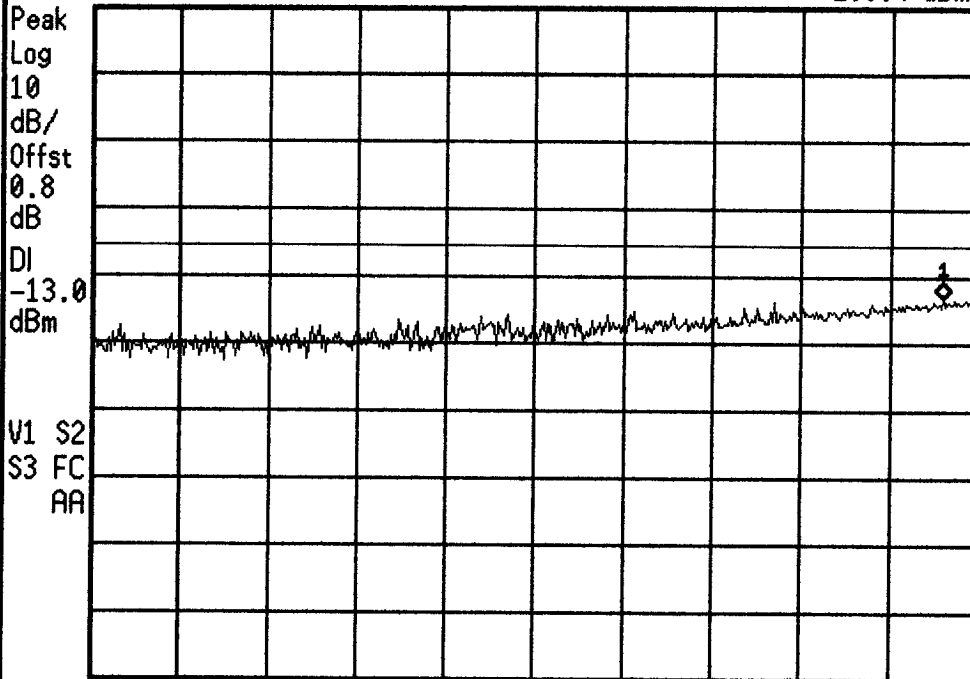
CF Step  
100.00000 kHz  
Auto Man

Freq Offset  
0.0000000 Hz

Signal Track  
On Off

hp 15:20:13 Mar 27, 2000

SANYO FCC ID: AEZSCP-45H PCS BAND EDGE C0025 Mkr1 1.847460 GHz  
Ref 22.4 dBm Atten 35 dB -20.84 dBm



Center 1.847 GHz Span 1 MHz  
\*Res BW 1 MHz VBW 1 MHz Sweep 5 ms

Freq/Channel

Center Freq  
1.84700000 GHz

Start Freq  
1.84650000 GHz

Stop Freq  
1.84750000 GHz

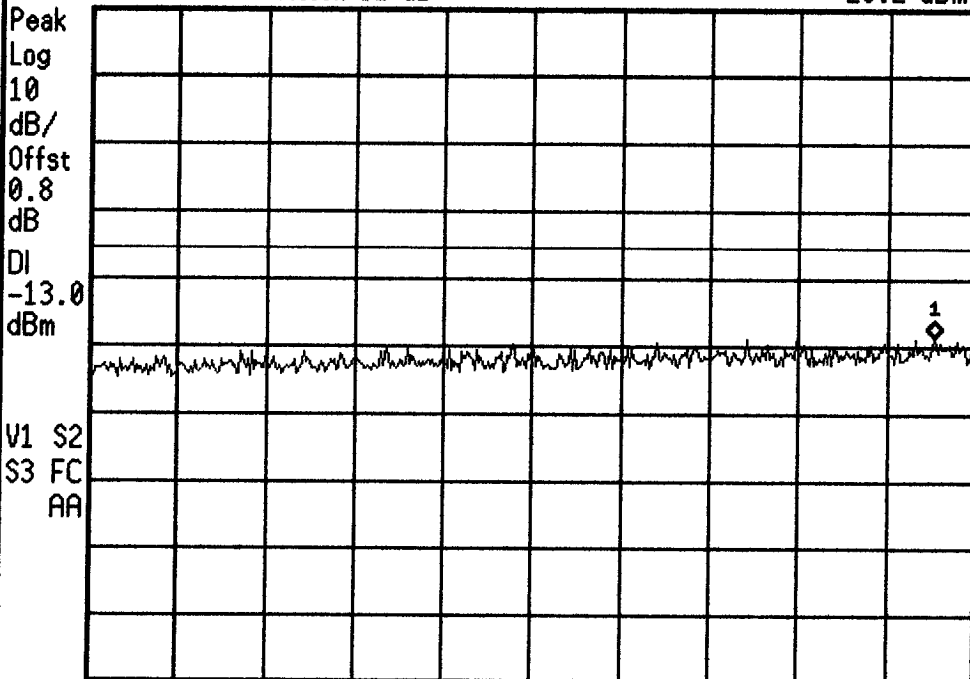
CF Step  
100.000000 kHz  
Auto Man

Freq Offset  
0.00000000 Hz

Signal Track  
On Off

hp 15:21:04 Mar 27, 2000

SANYO FCC ID: AEZSCP-45H PCS BAND EDGE C0025 Mkr1 1.846453 GHz  
Ref 22.4 dBm Atten 35 dB -26.2 dBm



Center 1.846 GHz Span 1 MHz  
\*Res BW 1 MHz VBW 1 MHz Sweep 5 ms

Freq/Channel

Center Freq  
1.84600000 GHz

Start Freq  
1.84550000 GHz

Stop Freq  
1.84650000 GHz

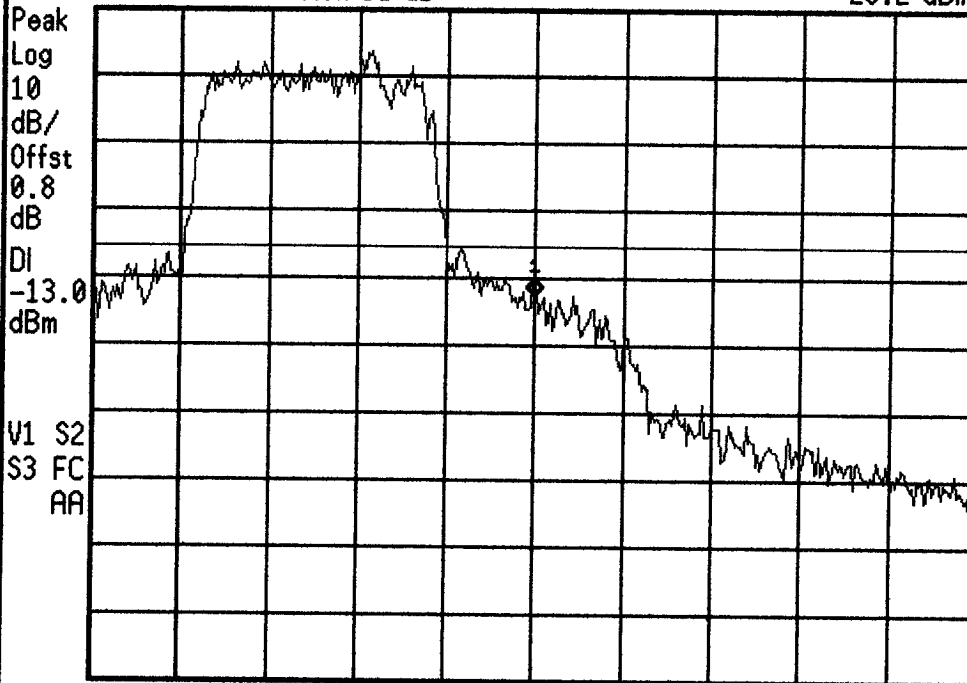
CF Step  
100.000000 kHz  
Auto Man

Freq Offset  
0.00000000 Hz

Signal Track  
On Off

hp 15:16:01 Mar 27, 2000

SANYO FCC ID: AEZSCP-45H PCS BAND EDGE C1175 Mkr1 1.910000 GHz  
Ref 22.4 dBm Atten 35 dB -20.2 dBm

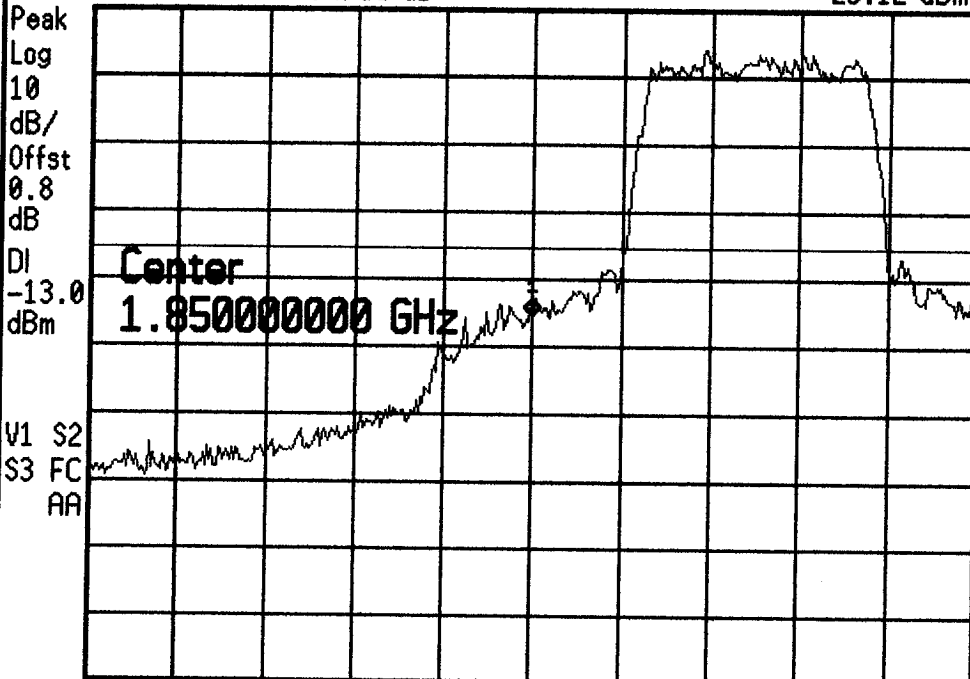


Center 1.91 GHz Span 5 MHz  
\*Res BW 30 kHz VBW 30 kHz Sweep 13.89 ms

<b>Freq/Channel</b>
<b>Center Freq</b> 1.9100000 GHz
<b>Start Freq</b> 1.9075000 GHz
<b>Stop Freq</b> 1.9125000 GHz
<b>CF Step</b> 500.000000 kHz Auto Man
<b>Freq Offset</b> 0.0000000 Hz
<b>Signal Track</b> On Off

hp 15:17:59 Mar 27, 2000

SANYO FCC ID: AEZSCP-45H PCS BAND EDGE C0025 Mkr1 1.850000 GHz  
Ref 22.4 dBm Atten 35 dB -23.12 dBm



Center 1.85 GHz Span 5 MHz  
\*Res BW 30 kHz VBW 30 kHz Sweep 13.89 ms

<b>Trace</b>
Trace 1 2 3
Clear Write
Max Hold
Min Hold
View
Blank
More 1 of 2

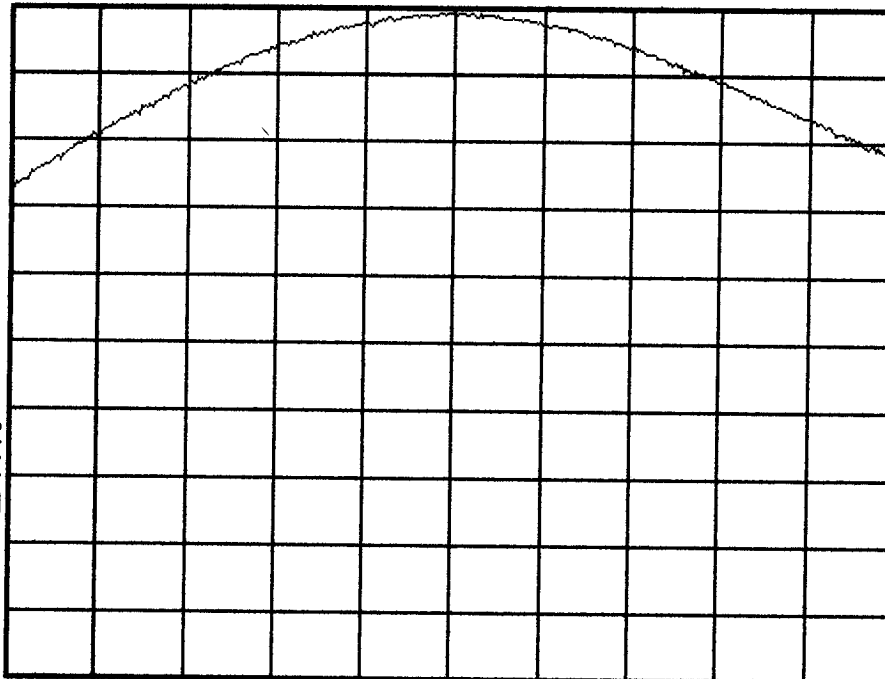
hp 15:06:35 Mar 27, 2000

SANYO FCC ID: AEZSCP-45H PCS PWR OUT Ch 0025

Ref 22.4 dBm Atten 35 dB

Samp  
Log  
10  
dB/  
Offst  
0.8  
dB

PAvg  
100  
V1 S2  
S3 FC  
AA



Center 1.851 GHz

\*Res BW 3 MHz

VBW 3 MHz

Span 10 MHz

Sweep 5 ms

Freq/Channel

Center Freq  
1.85125000 GHz

Start Freq  
1.84625000 GHz

Stop Freq  
1.85625000 GHz

CF Step  
1.00000000 MHz  
Auto Man

Freq Offset  
0.00000000 Hz

Signal Track  
On Off

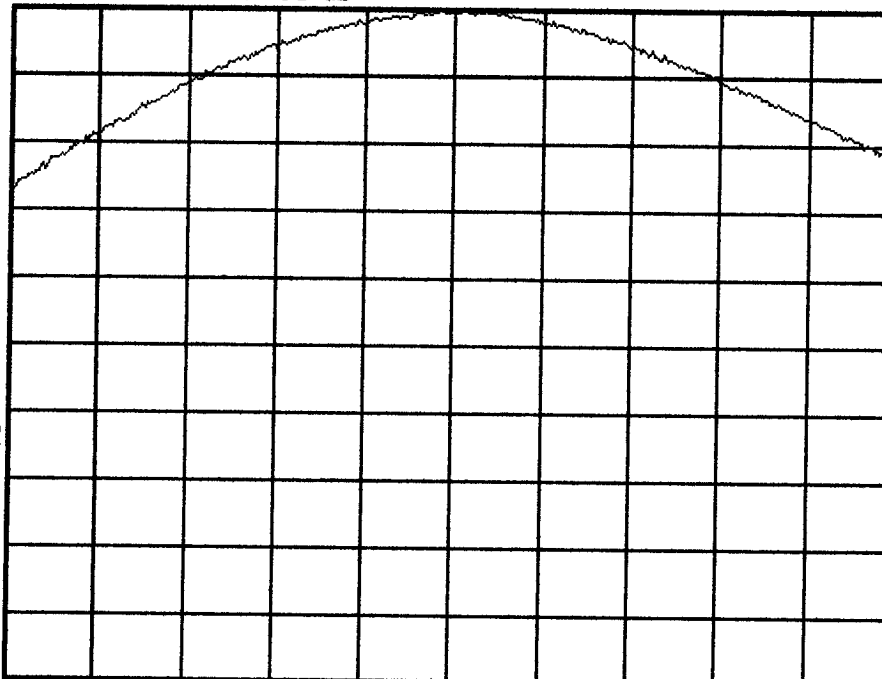
hp 15:09:21 Mar 27, 2000

SANYO FCC ID: AEZSCP-45H PCS PWR OUT Ch 0600

Ref 22.4 dBm Atten 35 dB

Samp  
Log  
10  
dB/  
Offst  
0.8  
dB

PAvg  
100  
V1 S2  
S3 FC  
AA



Center 1.88 GHz

\*Res BW 3 MHz

VBW 3 MHz

Span 10 MHz

Sweep 5 ms

Freq/Channel

Center Freq  
1.88000000 GHz

Start Freq  
1.87500000 GHz

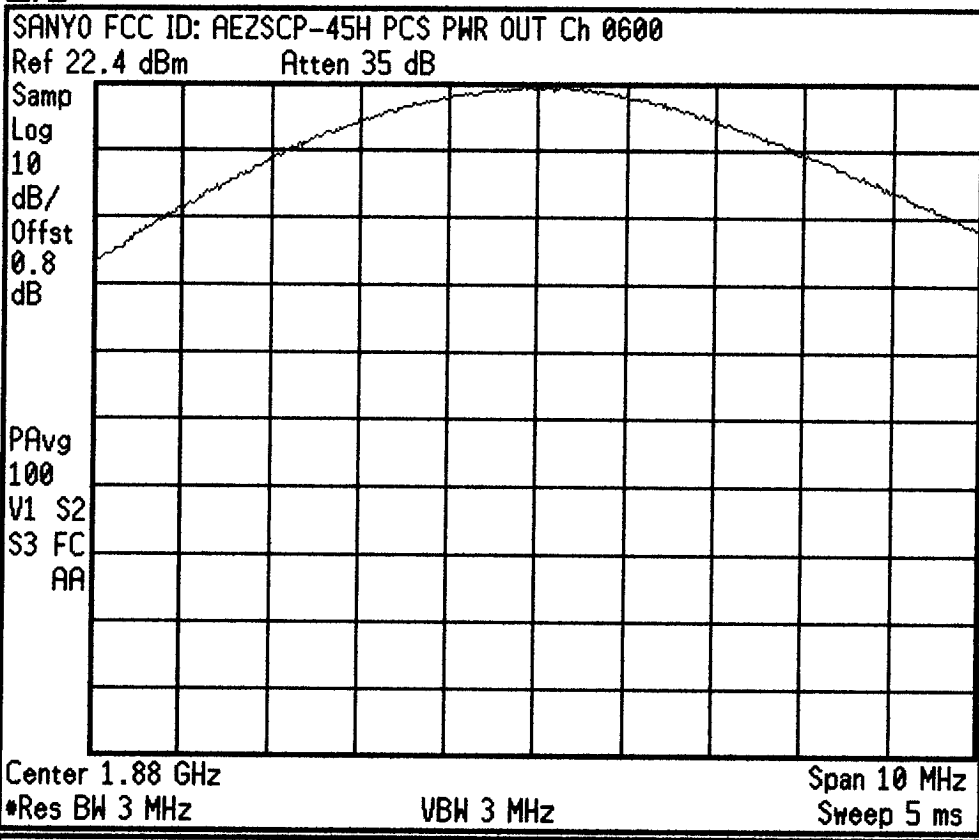
Stop Freq  
1.88500000 GHz

CF Step  
1.00000000 MHz  
Auto Man

Freq Offset  
0.00000000 Hz

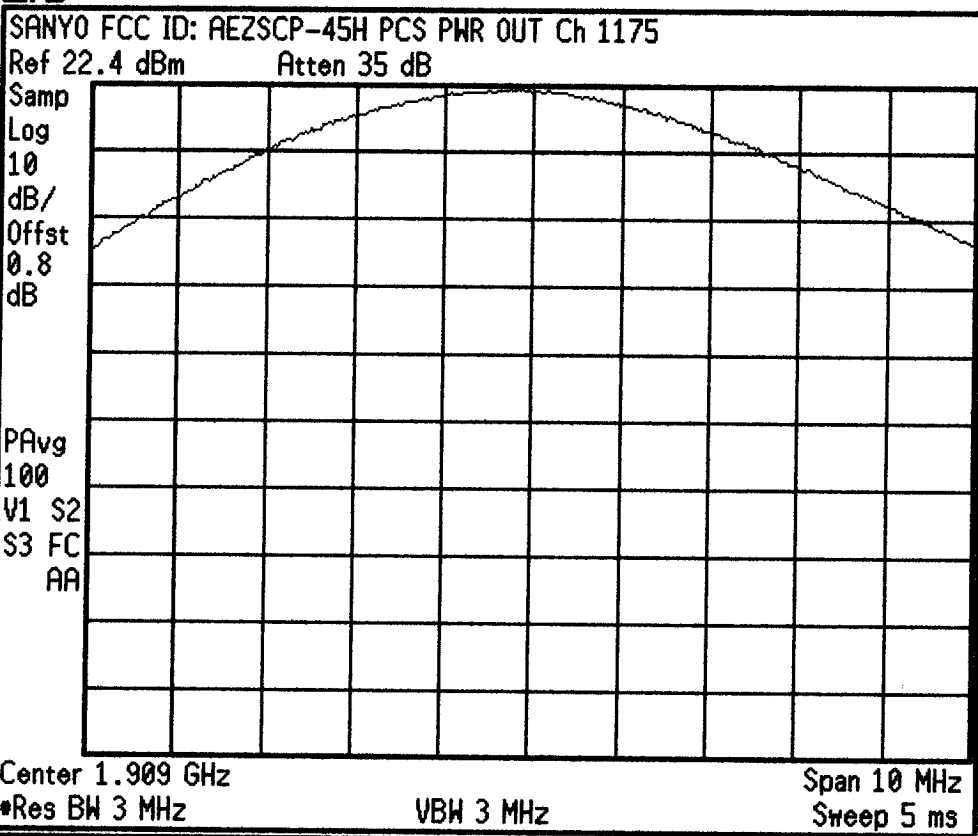
Signal Track  
On Off

hp 15:00:04 Mar 27, 2000



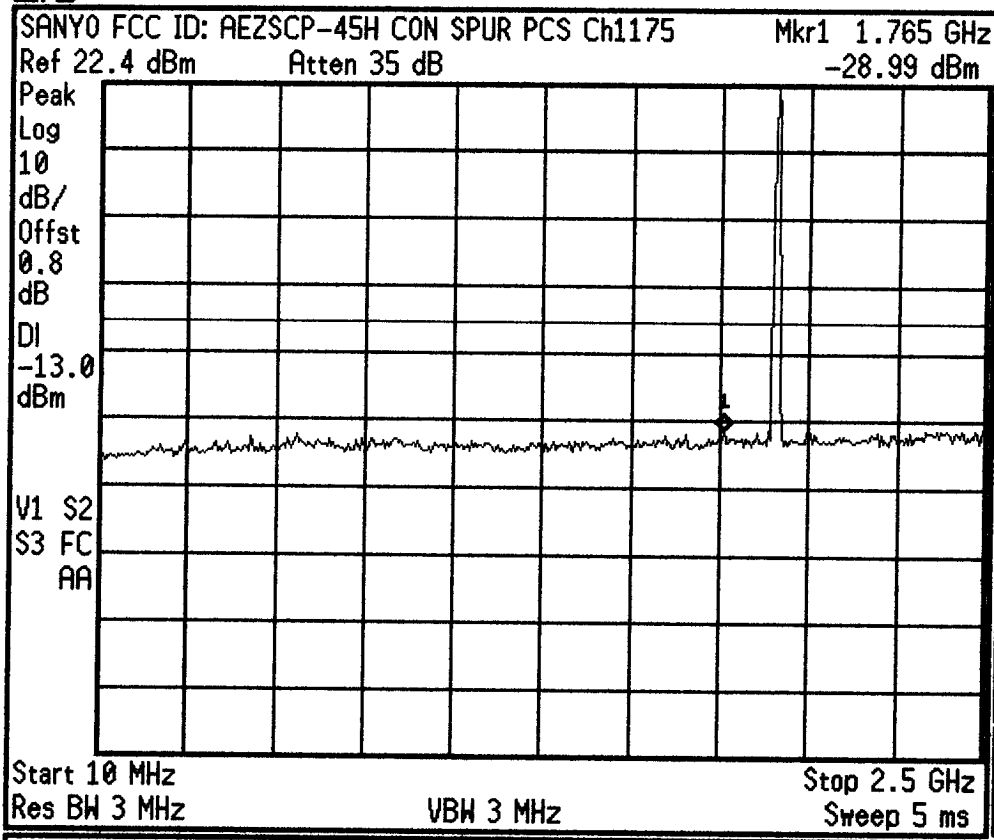
<b>Freq/Channel</b>
<b>Center Freq</b> 1.88000000 GHz
<b>Start Freq</b> 1.87500000 GHz
<b>Stop Freq</b> 1.88500000 GHz
<b>CF Step</b> 1.00000000 MHz Auto Man
<b>Freq Offset</b> 0.00000000 Hz
<b>Signal Track</b> On Off

hp 15:02:28 Mar 27, 2000



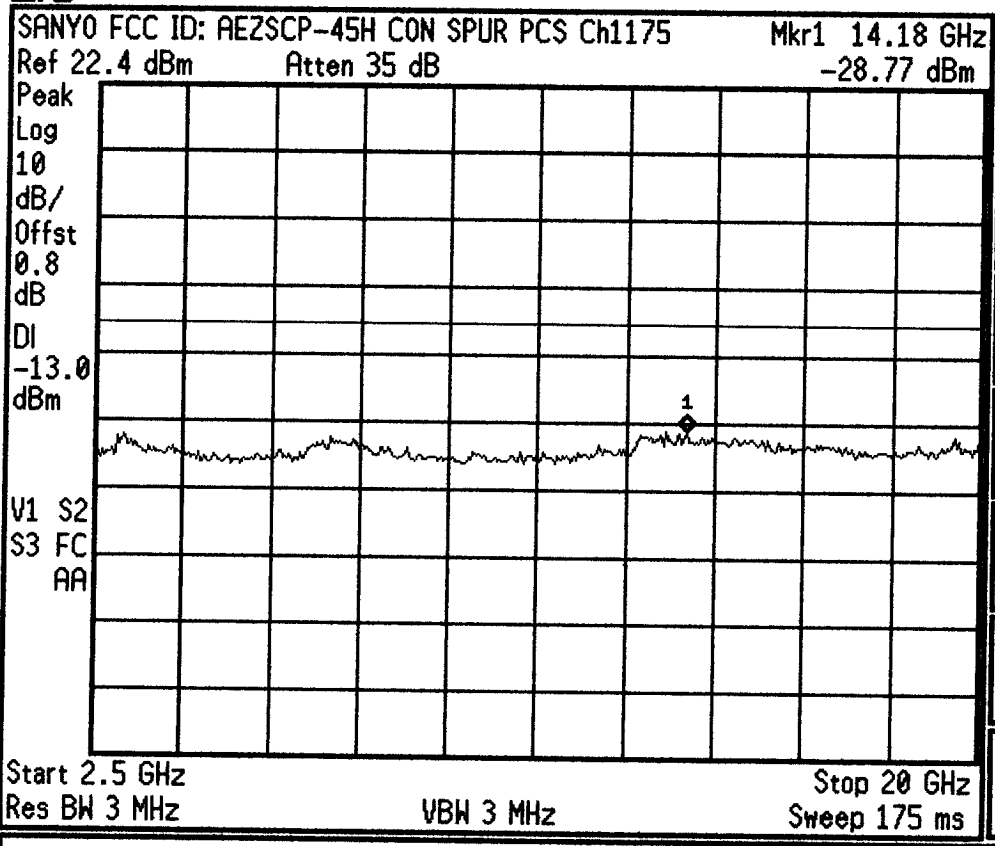
<b>Freq/Channel</b>
<b>Center Freq</b> 1.90900000 GHz
<b>Start Freq</b> 1.90400000 GHz
<b>Stop Freq</b> 1.91400000 GHz
<b>CF Step</b> 1.00000000 MHz Auto Man
<b>Freq Offset</b> 0.00000000 Hz
<b>Signal Track</b> On Off

hp 14:45:08 Mar 27, 2000



<b>Freq/Channel</b>
<b>Center Freq</b> 1.25500000 GHz
<b>Start Freq</b> 10.0000000 MHz
<b>Stop Freq</b> 2.50000000 GHz
<b>CF Step</b> 249.000000 MHz Auto Man
<b>Freq Offset</b> 0.00000000 Hz
<b>Signal Track</b> On Off

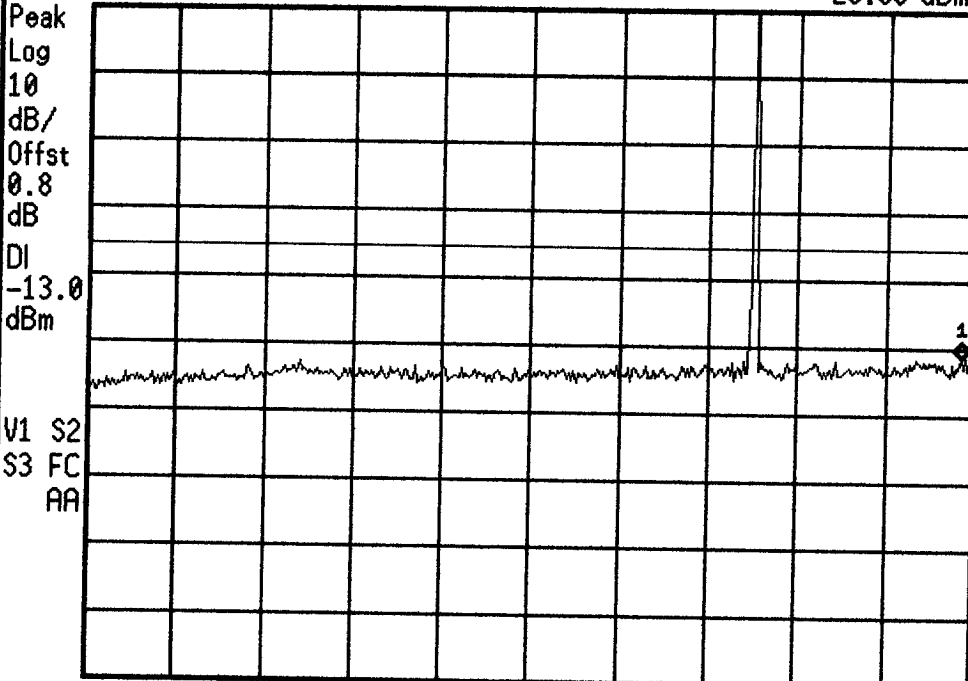
hp 14:46:47 Mar 27, 2000



<b>Freq/Channel</b>
<b>Center Freq</b> 11.2500000 GHz
<b>Start Freq</b> 2.50000000 GHz
<b>Stop Freq</b> 20.0000000 GHz
<b>CF Step</b> 1.75000000 GHz Auto Man
<b>Freq Offset</b> 0.00000000 Hz
<b>Signal Track</b> On Off

hp 14:42:07 Mar 27, 2000

SANYO FCC ID: AEZSCP-45H CON SPUR PCS Ch0600 Mkr1 2.463 GHz  
Ref 22.4 dBm Atten 35 dB -28.99 dBm



Start 10 MHz Res BW 3 MHz VBW 3 MHz Stop 2.5 GHz Sweep 5 ms

Freq/Channel

Center Freq  
1.25500000 GHz

Start Freq  
10.0000000 MHz

Stop Freq  
2.50000000 GHz

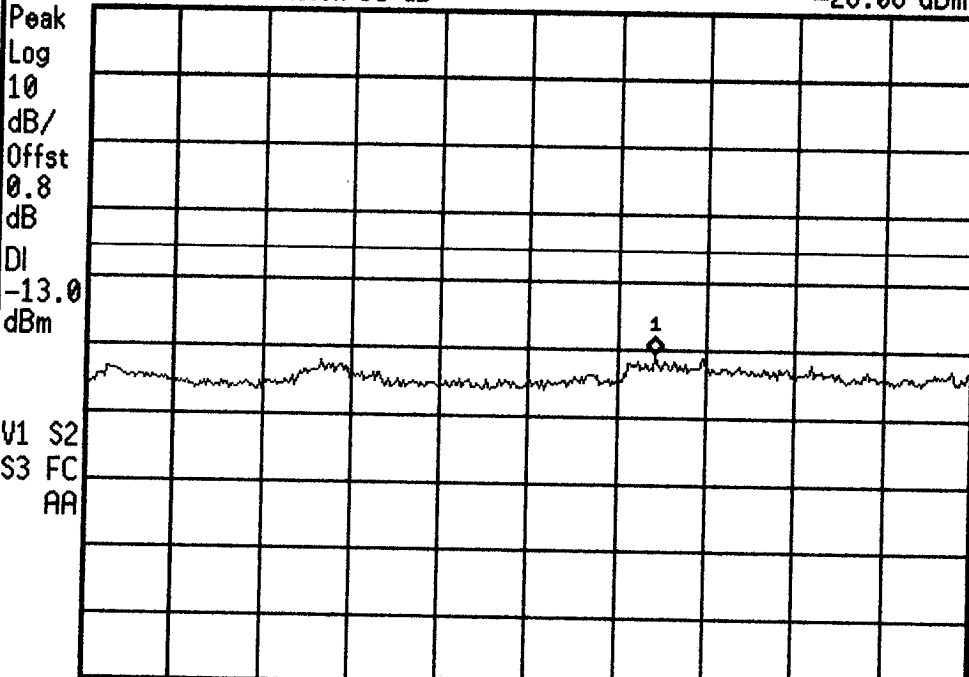
CF Step  
249.000000 MHz  
Auto Man

Freq Offset  
0.00000000 Hz

Signal Track  
On Off

hp 14:43:13 Mar 27, 2000

SANYO FCC ID: AEZSCP-45H CON SPUR PCS Ch0600 Mkr1 13.74 GHz  
Ref 22.4 dBm Atten 35 dB -28.08 dBm



Start 2.5 GHz Res BW 3 MHz VBW 3 MHz Stop 20 GHz Sweep 175 ms

Freq/Channel

Center Freq  
11.2500000 GHz

Start Freq  
2.50000000 GHz

Stop Freq  
20.0000000 GHz

CF Step  
1.75000000 GHz  
Auto Man

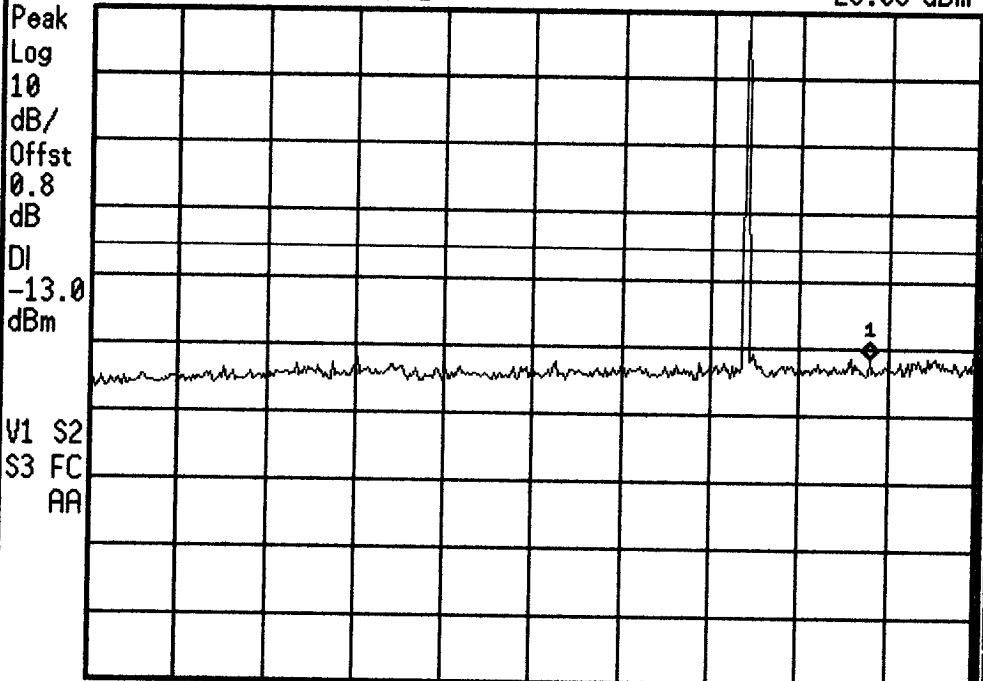
Freq Offset  
0.00000000 Hz

Signal Track  
On Off



hp 14:37:46 Mar 27, 2000

SANYO FCC ID: AEZSCP-45H CON SPUR PCS Ch0025 Mkr1 2.201 GHz  
Ref 22.4 dBm Atten 35 dB -29.06 dBm



Start 10 MHz Res BW 3 MHz VBW 3 MHz Stop 2.5 GHz Sweep 5 ms

Freq/Channel

Center Freq 1.25500000 GHz

Start Freq 10.0000000 MHz

Stop Freq 2.50000000 GHz

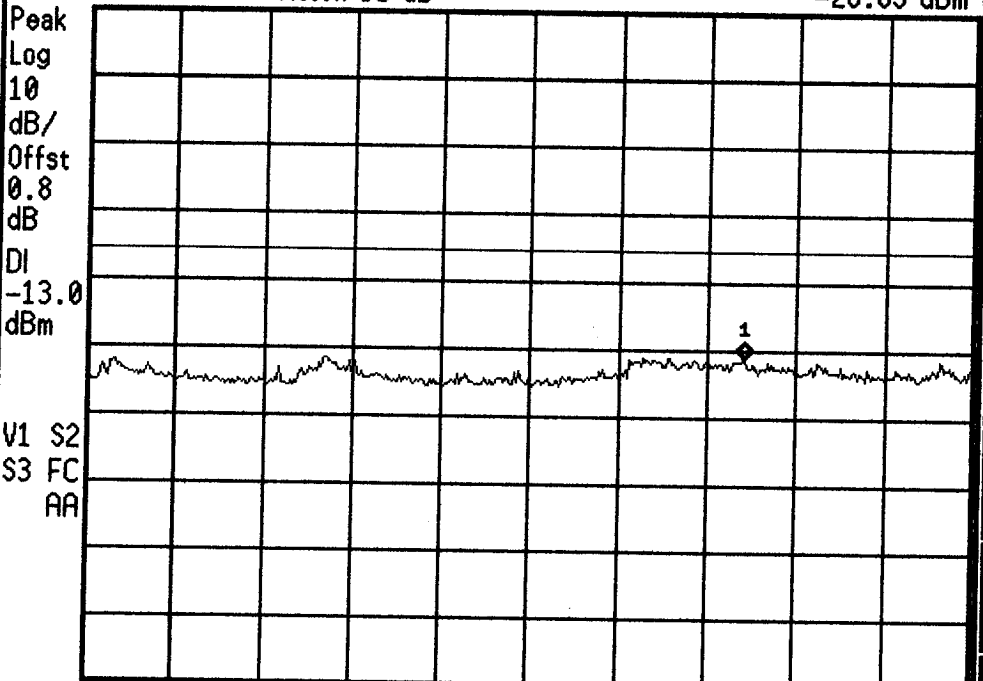
CF Step 249.000000 MHz  
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

hp 14:39:11 Mar 27, 2000

SANYO FCC ID: AEZSCP-45H CON SPUR PCS Ch0025 Mkr1 15.45 GHz  
Ref 22.4 dBm Atten 35 dB -28.69 dBm



Start 2.5 GHz Res BW 3 MHz VBW 3 MHz Stop 20 GHz Sweep 175 ms

Freq/Channel

Center Freq 11.2500000 GHz

Start Freq 2.50000000 GHz

Stop Freq 20.0000000 GHz

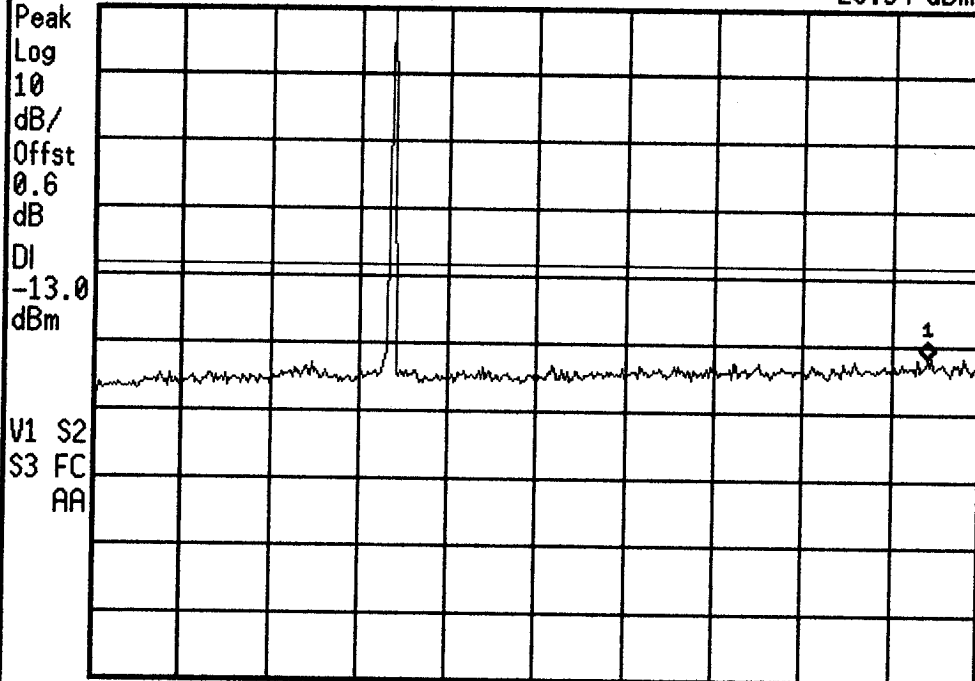
CF Step 1.75000000 GHz  
Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

hp 14:29:43 Mar 27, 2000

SANYO FCC ID: AEZSCP-45H CON SPUR FM Ch 799 Mkr1 2.351 GHz  
Ref 25.4 dBm Atten 35 dB -26.34 dBm



Start 10 MHz Res BW 3 MHz VBW 3 MHz Stop 2.5 GHz Sweep 5 ms

Freq/Channel

Center Freq  
1.25500000 GHz

Start Freq  
10.0000000 MHz

Stop Freq  
2.50000000 GHz

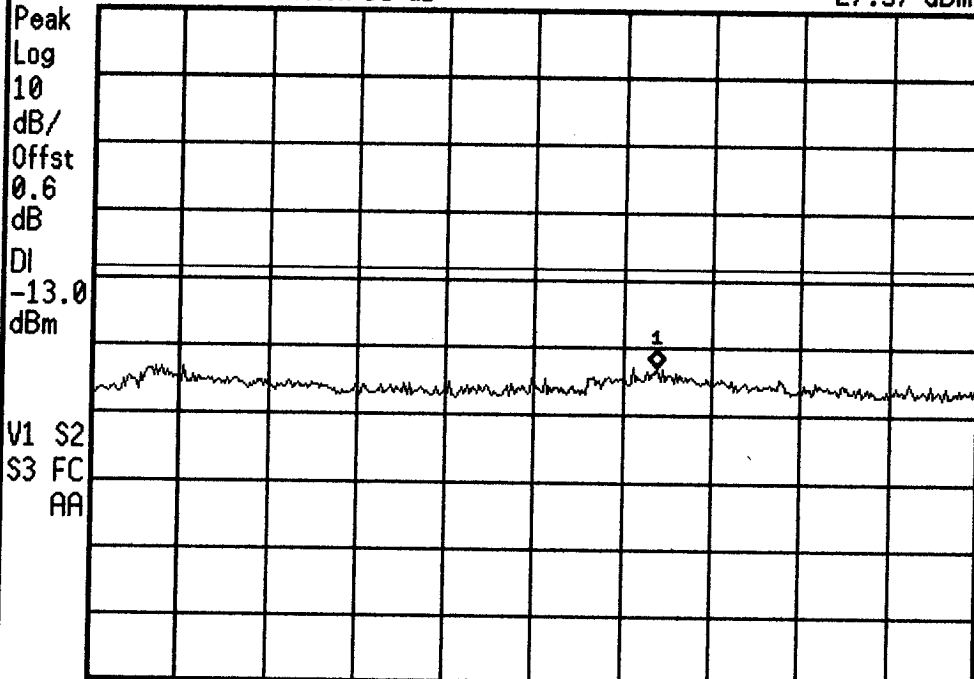
CF Step  
249.000000 MHz  
Auto Man

Freq Offset  
0.00000000 Hz

Signal Track  
On Off

hp 14:30:41 Mar 27, 2000

SANYO FCC ID: AEZSCP-45H CON SPUR FM Ch 799 Mkr1 7.281 GHz  
Ref 25.4 dBm Atten 35 dB -27.57 dBm



Start 2.5 GHz Res BW 3 MHz VBW 3 MHz Stop 10 GHz Sweep 18.75 ms

Freq/Channel

Center Freq  
6.25000000 GHz

Start Freq  
2.50000000 GHz

Stop Freq  
10.0000000 GHz

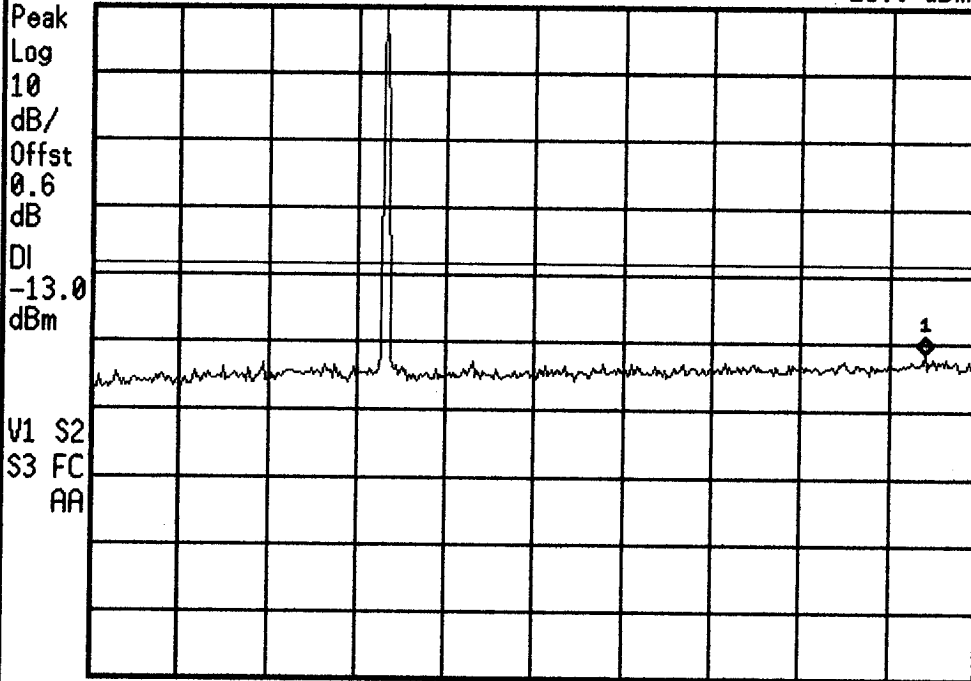
CF Step  
750.000000 MHz  
Auto Man

Freq Offset  
0.00000000 Hz

Signal Track  
On Off

hp 14:27:09 Mar 27, 2000

SANYO FCC ID: AEZSCP-45H CON SPUR FM Ch 383 Mkr1 2.351 GHz  
Ref 25.4 dBm Atten 35 dB -25.9 dBm



Start 10 MHz Res BW 3 MHz VBW 3 MHz Stop 2.5 GHz Sweep 5 ms

Freq/Channel

Center Freq  
1.25500000 GHz

Start Freq  
10.0000000 MHz

Stop Freq  
2.50000000 GHz

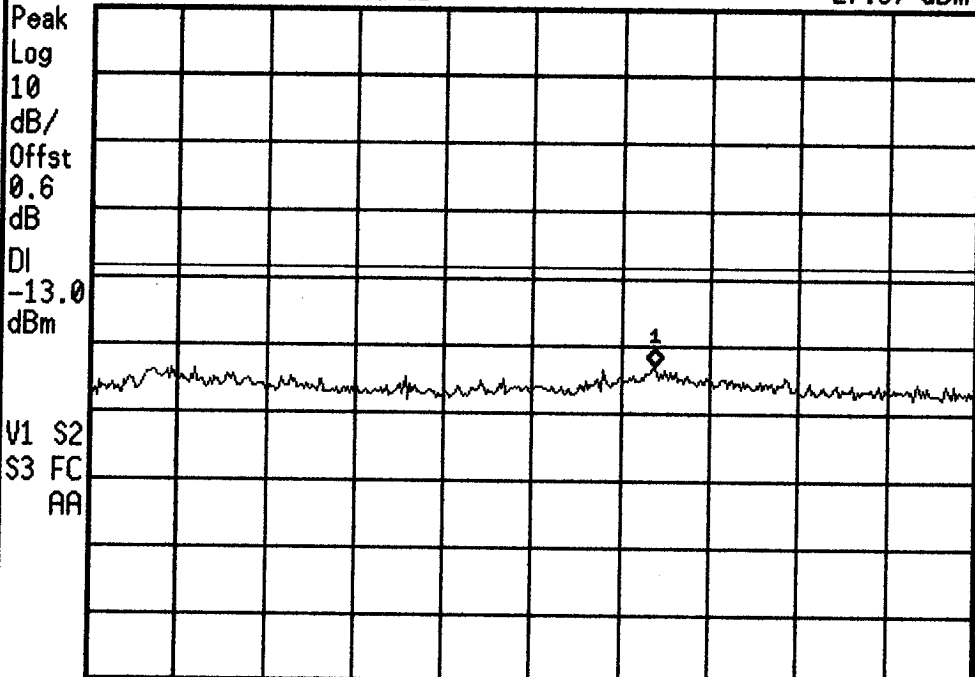
CF Step  
249.000000 MHz  
Auto Man

Freq Offset  
0.00000000 Hz

Signal Track  
On Off

hp 14:28:10 Mar 27, 2000

SANYO FCC ID: AEZSCP-45H CON SPUR FM Ch 383 Mkr1 7.281 GHz  
Ref 25.4 dBm Atten 35 dB -27.37 dBm



Start 2.5 GHz Res BW 3 MHz VBW 3 MHz Stop 10 GHz Sweep 18.75 ms

Freq/Channel

Center Freq  
6.25000000 GHz

Start Freq  
2.50000000 GHz

Stop Freq  
10.0000000 GHz

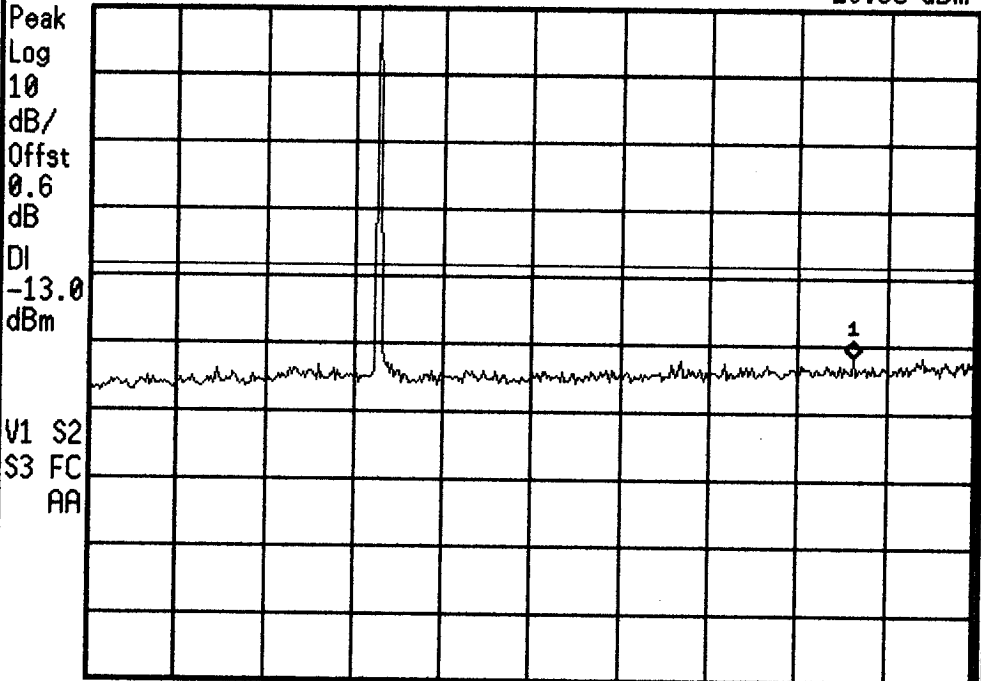
CF Step  
750.000000 MHz  
Auto Man

Freq Offset  
0.00000000 Hz

Signal Track  
On Off

hp 14:24:30 Mar 27, 2000

SANYO FCC ID: AEZSCP-45H CON SPUR FM Ch 991 Mkr1 2.158 GHz  
Ref 25.4 dBm Atten 35 dB -26.35 dBm



Start 10 MHz Res BW 3 MHz VBW 3 MHz Stop 2.5 GHz Sweep 5 ms

Freq/Channel

Center Freq  
1.25500005 GHz

Start Freq  
10.0000000 MHz

Stop Freq  
2.50000010 GHz

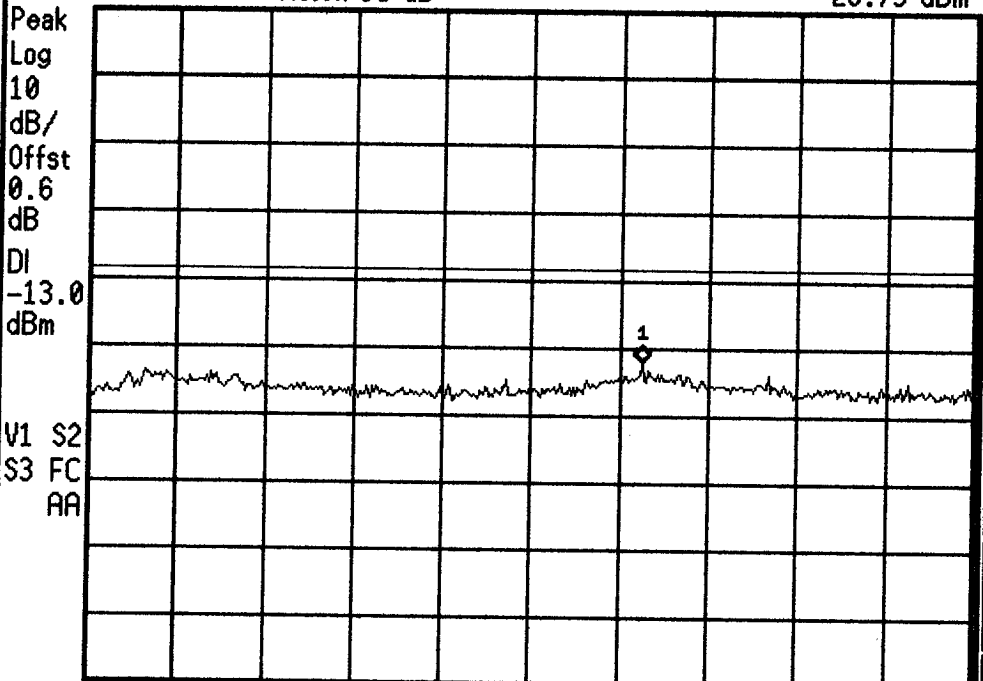
CF Step  
249.000010 MHz  
Auto Man

Freq Offset  
0.00000000 Hz

Signal Track  
On Off

hp 14:25:34 Mar 27, 2000

SANYO FCC ID: AEZSCP-45H CON SPUR FM Ch 991 Mkr1 7.188 GHz  
Ref 25.4 dBm Atten 35 dB -26.73 dBm



Start 2.5 GHz Res BW 3 MHz VBW 3 MHz Stop 10 GHz Sweep 18.75 ms

Freq/Channel

Center Freq  
6.25000000 GHz

Start Freq  
2.50000000 GHz

Stop Freq  
10.0000000 GHz

CF Step  
750.000000 MHz  
Auto Man

Freq Offset  
0.00000000 Hz

Signal Track  
On Off



15:42:20 Mar 28, 2000

SANYO FCC ID: AEZSCP-45H PCS PWR OUT Ch0600

Ref 22.4 dBm \*Atten 35 dB

Samp

Log

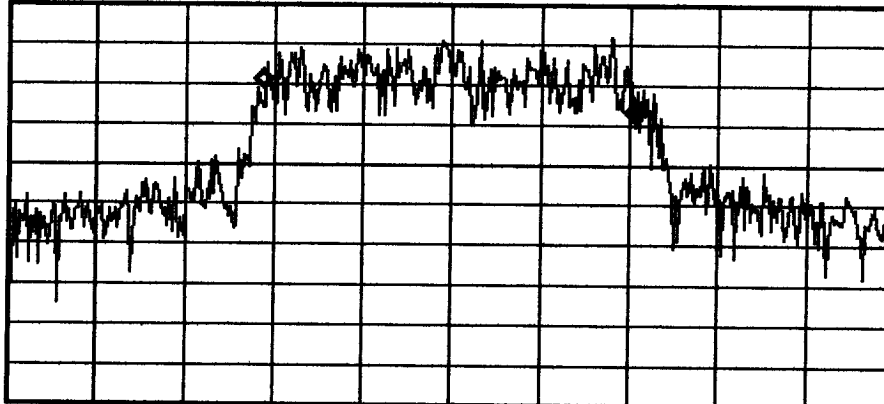
10

dB/

Offst

0.8

dB



Center 1.88 GHz

Span 3 MHz

\*Res BW 30 kHz

\*VBW 300 kHz

Sweep 9.167 ms

Occupied Bandwidth Results (idle)

Occupied Bandwidth

1.250 MHz

Occ BW % Pwr 99.00 %

Transmit Freq Error -13.53 kHz

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