

PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:AEZSCP-45H

SANYO Electric Co., Ltd.

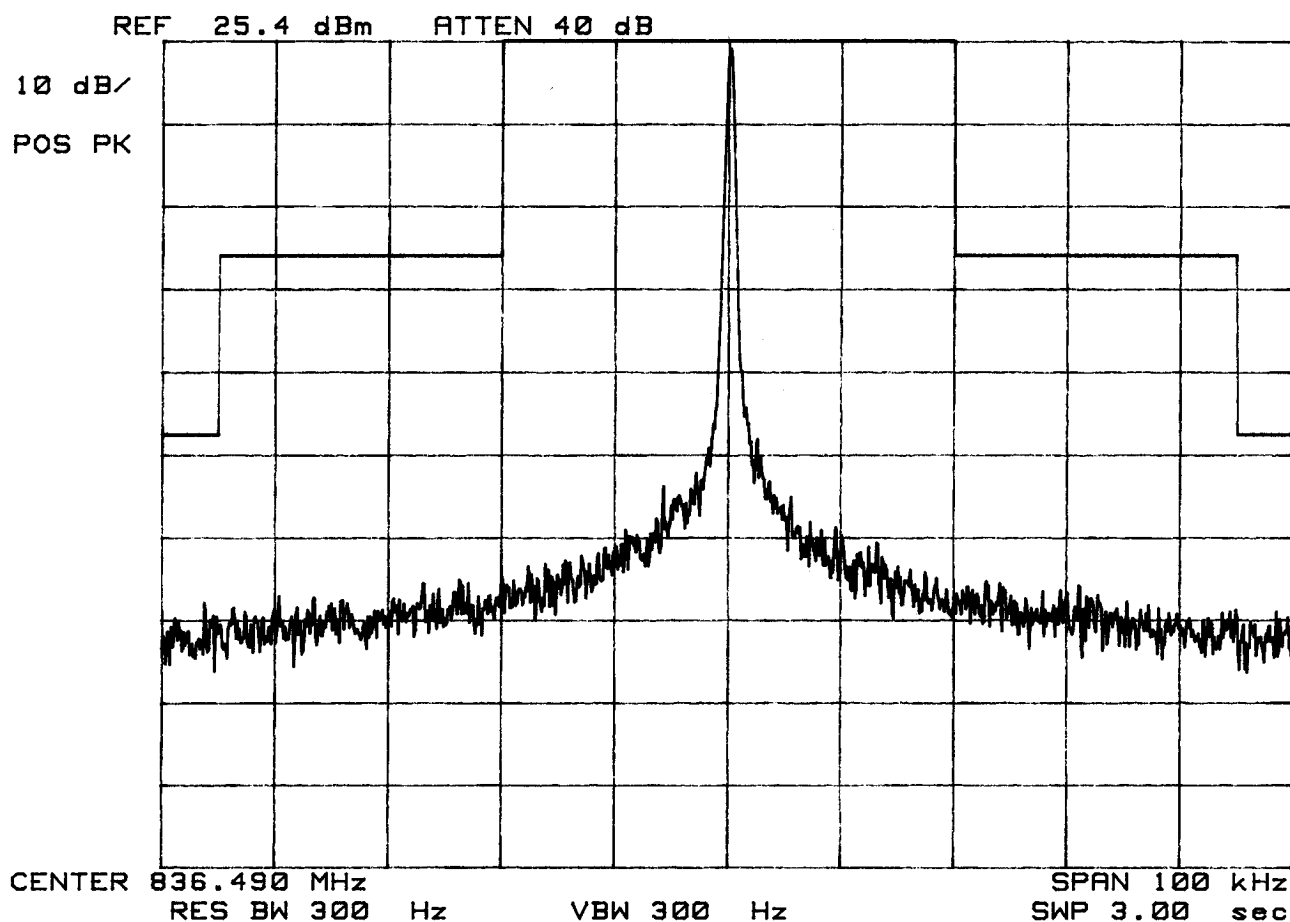
FM Mode

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.

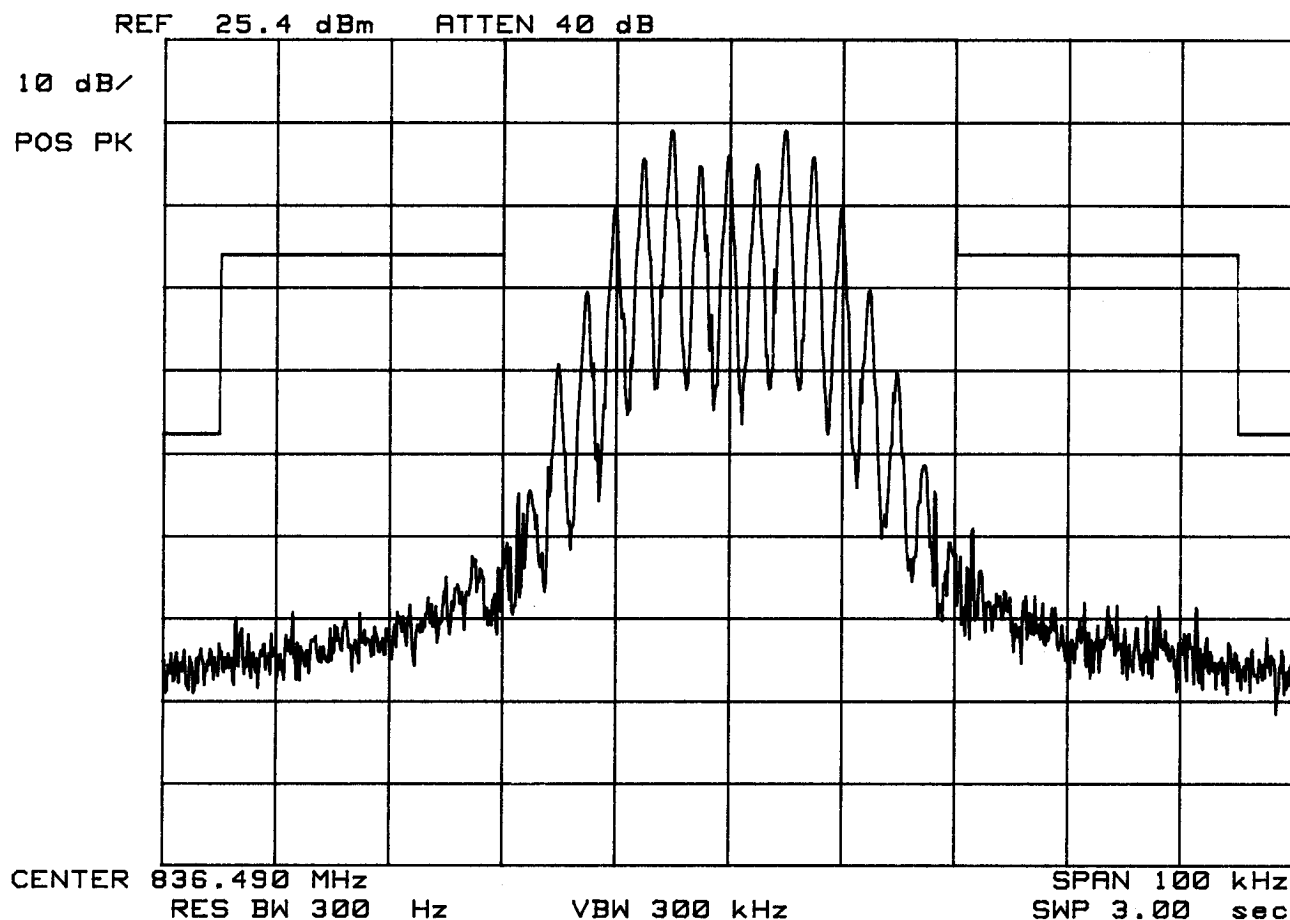
FM Mode

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.

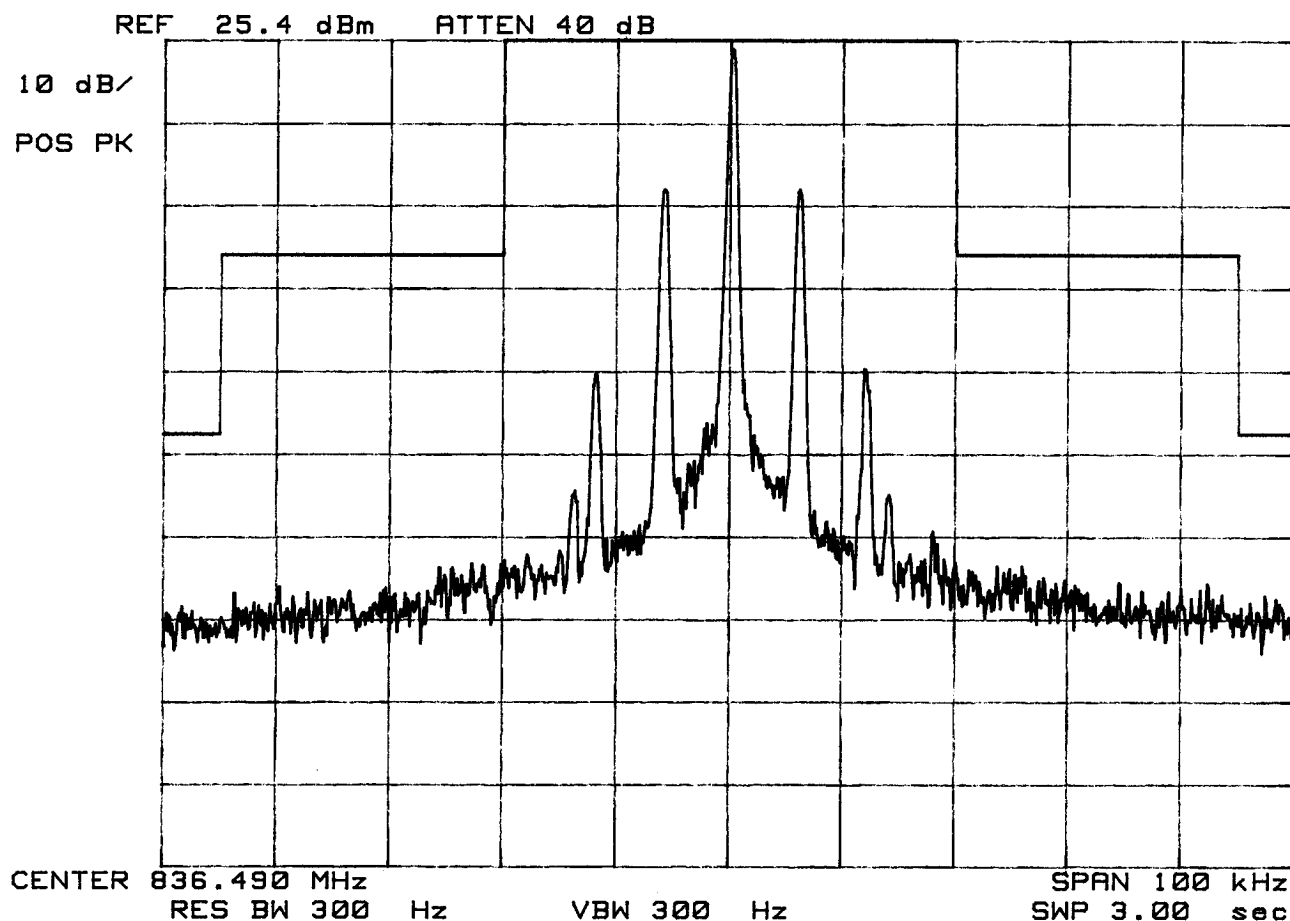
FM Mode

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.

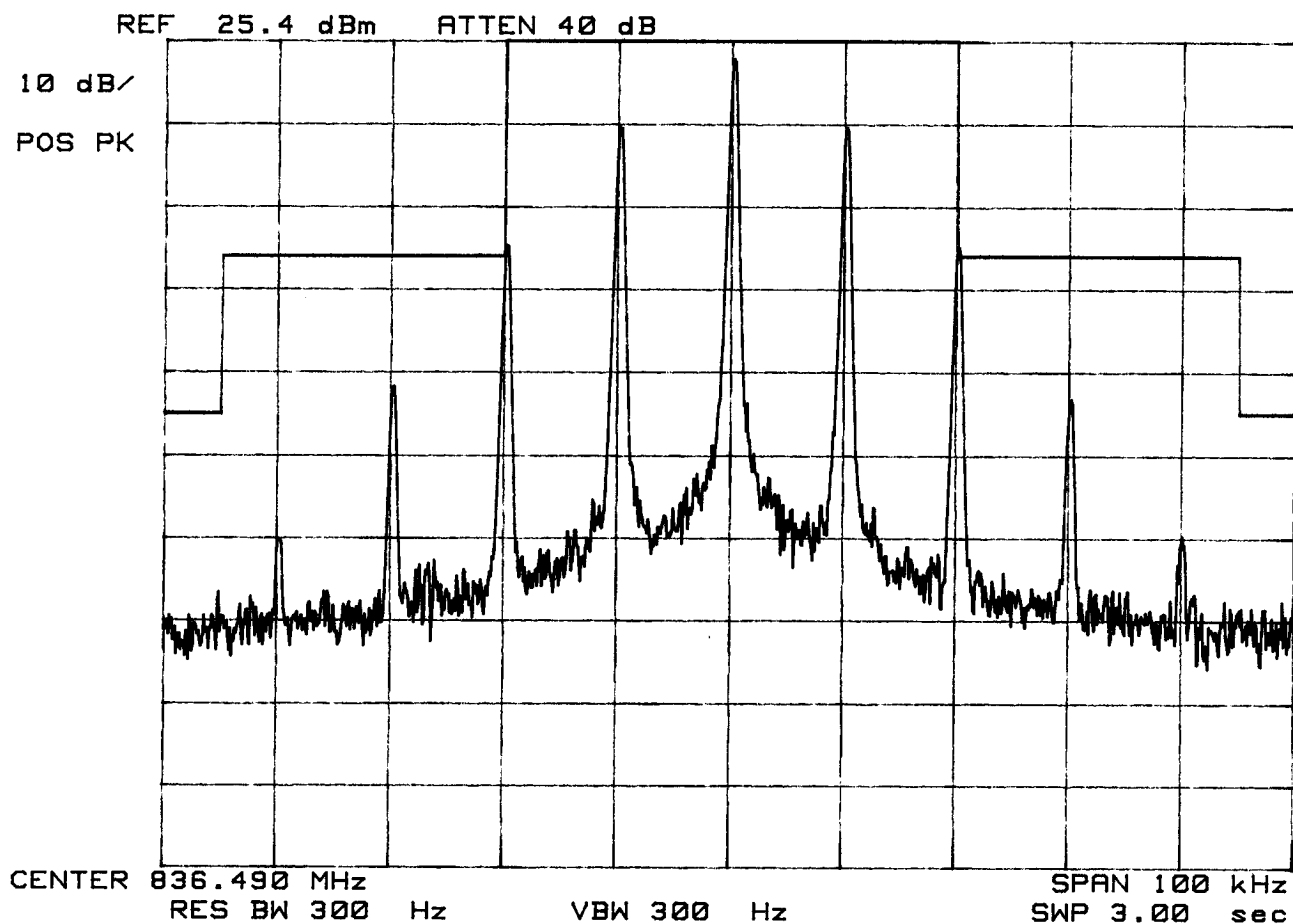
FM Mode

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.

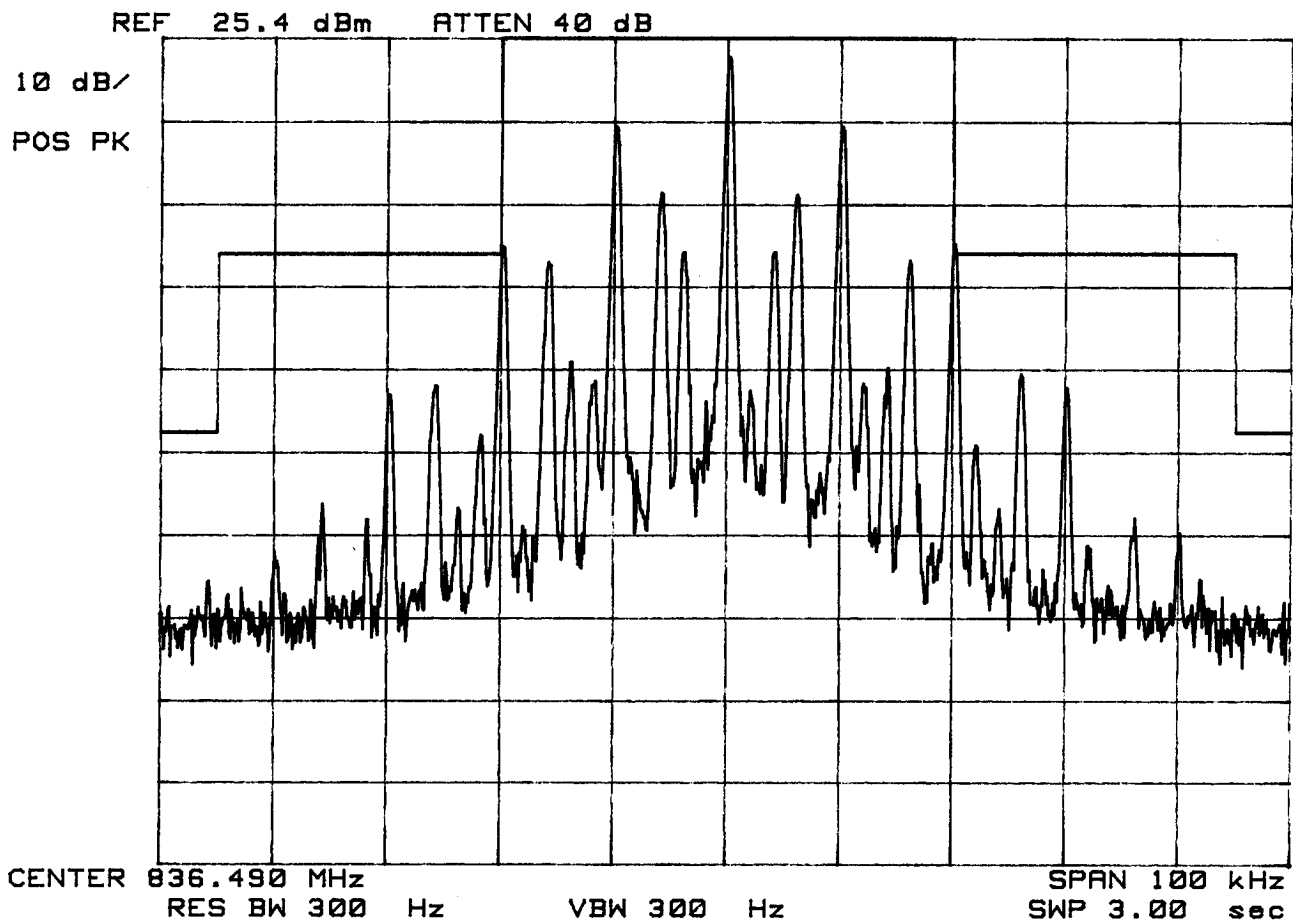
FM Mode

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.

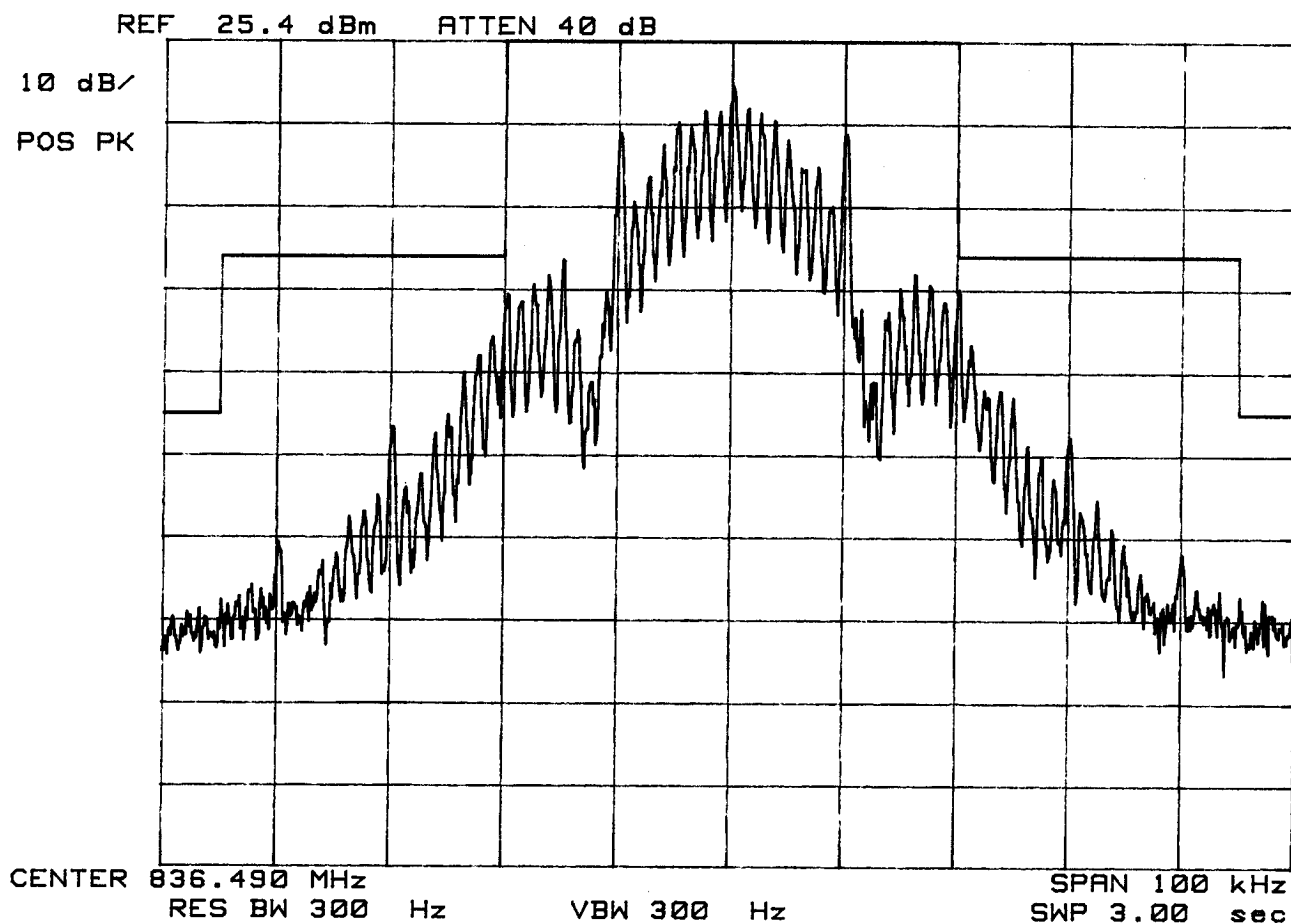
FM Mode

FM Channel 383

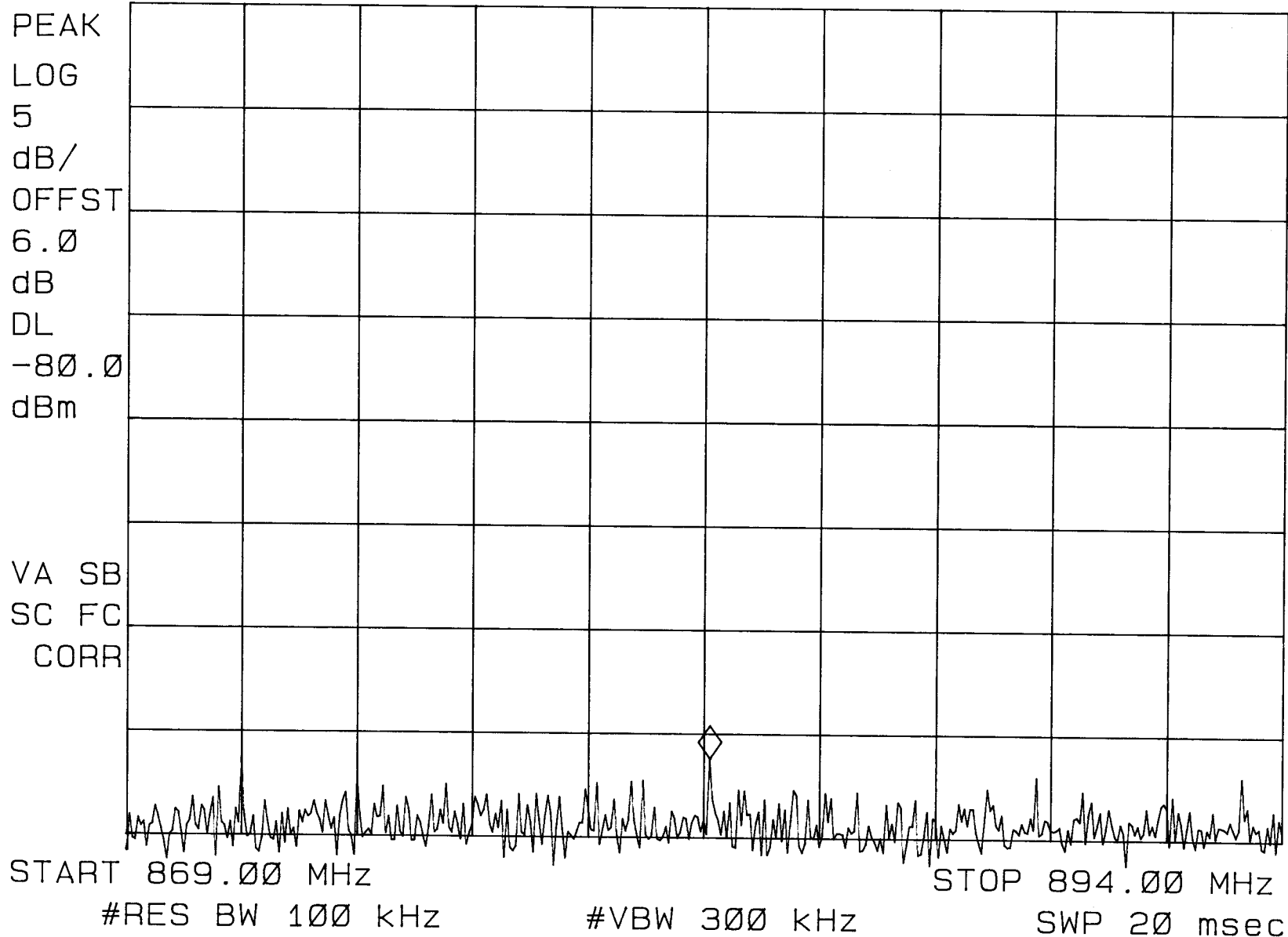
Operating Frequency: 836.490 MHz

Output Power : 25.4 dBm

Test Mode:Wide Band Data



hp SANYO FCC ID: AEZSCP-45H FM MODE MKR 881.62 MHz
REF -60.0 dBm ATTEN 10 dB PG 25.0 dB -96.18 dBm

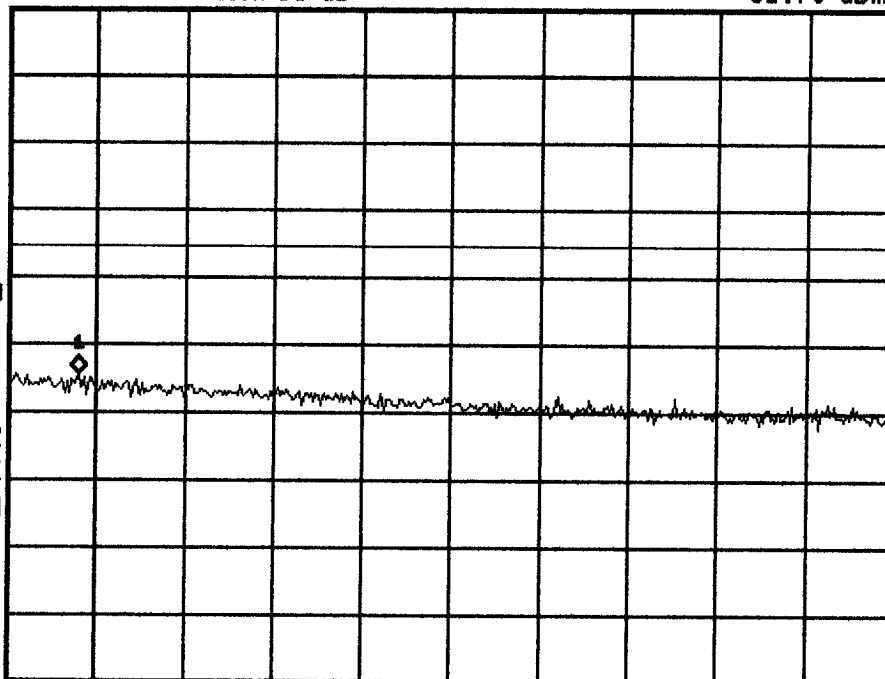


hp 15:26:37 Mar 27, 2000

SANYO FCC ID: AEZSCP-45H PCS BAND EDGE C1175 Mkr1 1.914580 GHz
Ref 22.4 dBm Atten 35 dB -31.78 dBm

Peak
Log
10
dB/
Offst
0.8
dB
DI
-13.0
dBm

V1 S2
S3 FC
AA



Center 1.915 GHz

*Res BW 1 MHz

VBW 1 MHz

Span 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

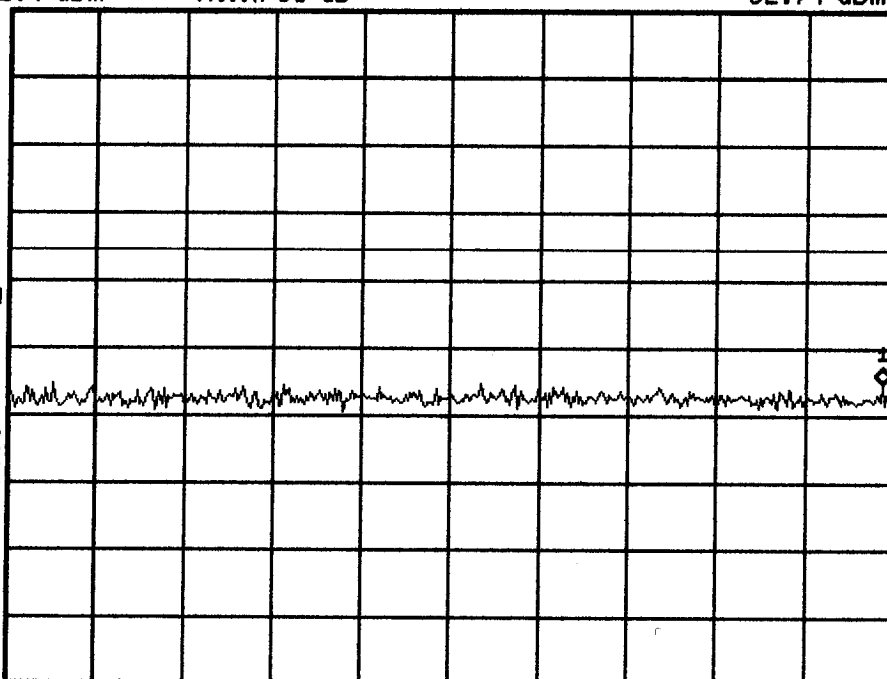
On Off

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

Peak
Log
10
dB/
Offst
0.8
dB
DI
-13.0
dBm

V1 S2
S3 FC
AA



Center 1.916 GHz

*Res BW 1 MHz

VBW 1 MHz

Span 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

Peak

Log

10

dB/

Offst

0.8

dB

DI

-13.0

dBm

V1 S2

S3 FC

AA

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

Peak

Log

10

dB/

Offst

0.8

dB

DI

-13.0

dBm

V1 S2

S3 FC

AA

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

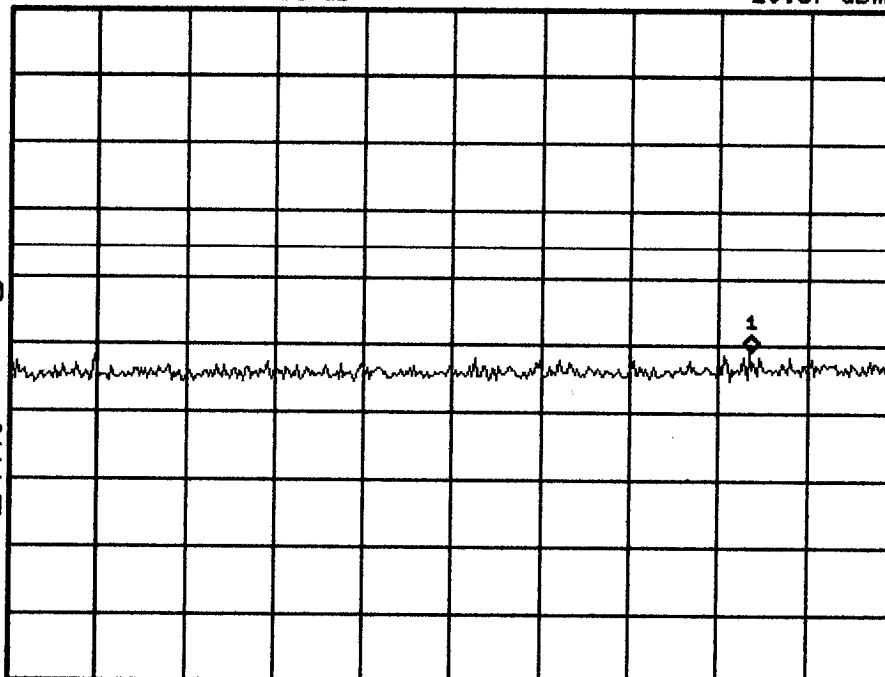
Off

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

Peak
Log
10
dB/
Offst
0.8
dB
DI
-13.0
dBm

V1 S2
S3 FC
AA



Center 1.845 GHz

*Res BW 1 MHz

VBW 1 MHz

Span 1 MHz

Sweep 5 ms

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

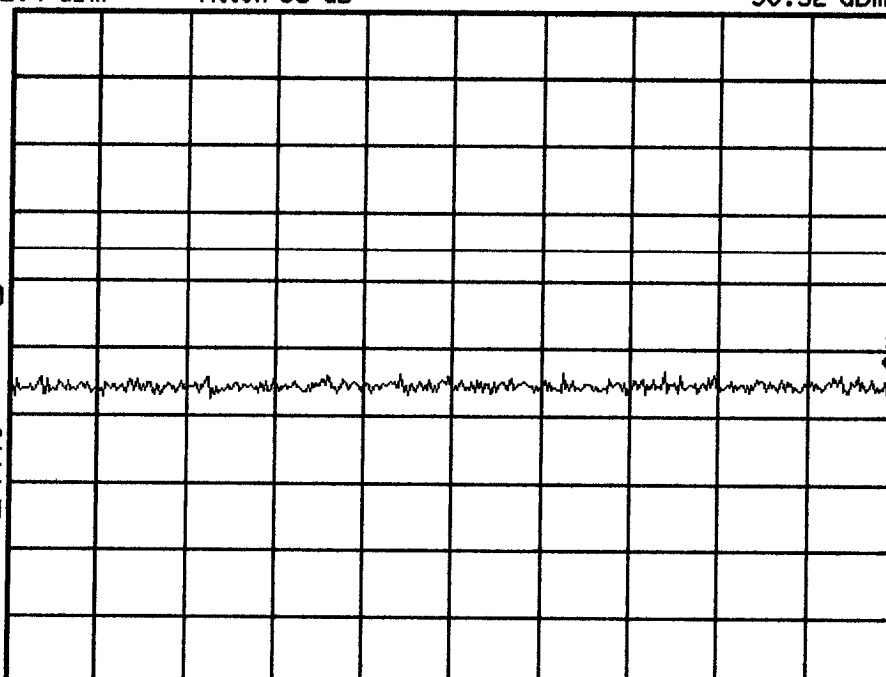
Signal Track
On Off

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

Peak
Log
10
dB/
Offst
0.8
dB
DI
-13.0
dBm

V1 S2
S3 FC
AA



Center 1.844 GHz

*Res BW 1 MHz

VBW 1 MHz

Span 1 MHz

Sweep 5 ms

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

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

Peak

Log

10

dB/

Offst

0.8

dB

DI

-13.0

dBm

V1 S2

S3 FC

AA

Center 1.847 GHz

*Res BW 1 MHz

VBW 1 MHz

Span 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

Peak

Log

10

dB/

Offst

0.8

dB

DI

-13.0

dBm

V1 S2

S3 FC

AA

Center 1.846 GHz

*Res BW 1 MHz

VBW 1 MHz

Span 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

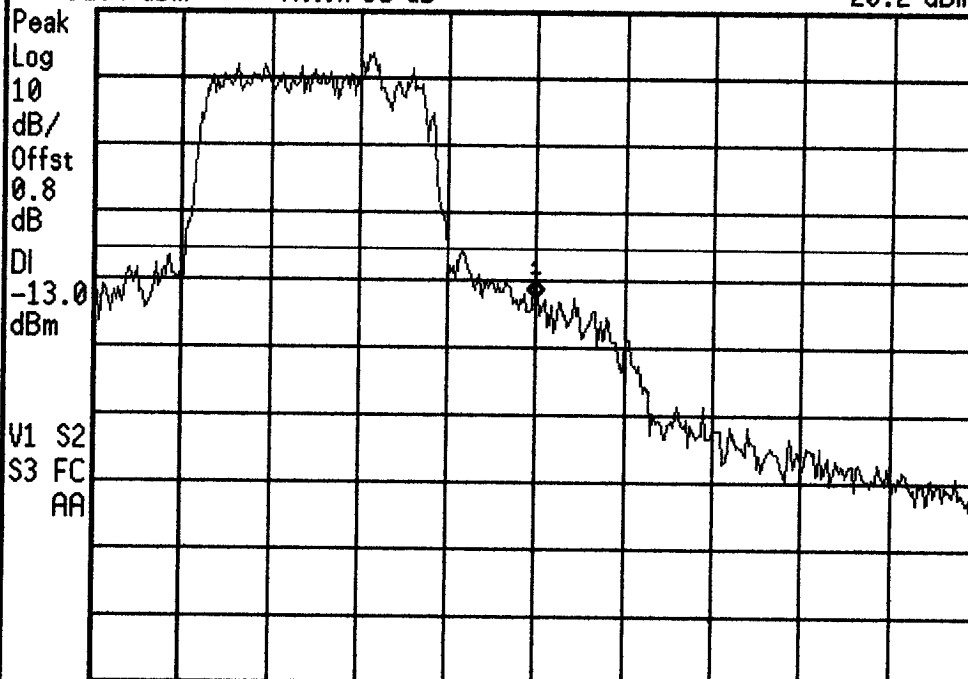
Signal Track

On

Off

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

*Res BW 30 kHz

VBW 30 kHz

Span 5 MHz

Sweep 13.89 ms

Freq/Channel

Center Freq
1.91000000 GHz

Start Freq
1.90750000 GHz

Stop Freq
1.91250000 GHz

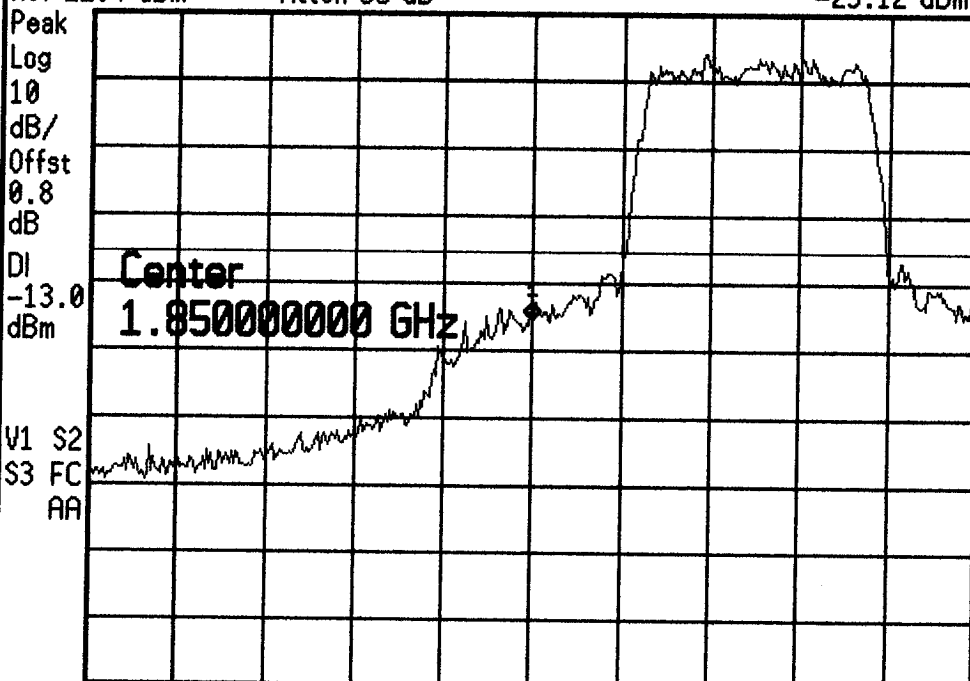
CF Step
500.000000 kHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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

*Res BW 30 kHz

VBW 30 kHz

Span 5 MHz

Sweep 13.89 ms

Trace

Trace
1 2 3

Clear Write

Max Hold

Min Hold

View

Blank

More
1 of 2

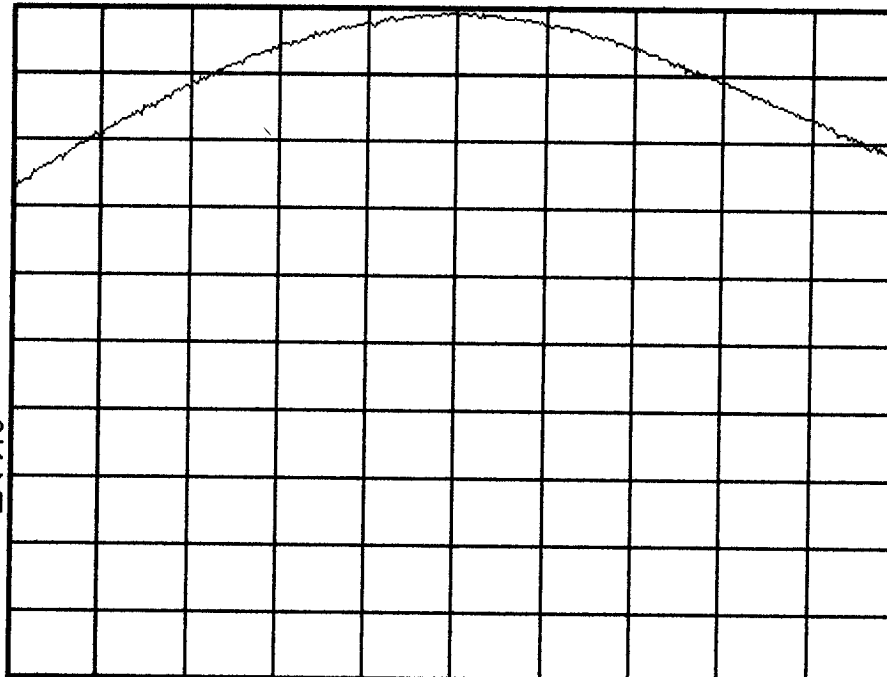
hp 15:06:35 Mar 27, 2000

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

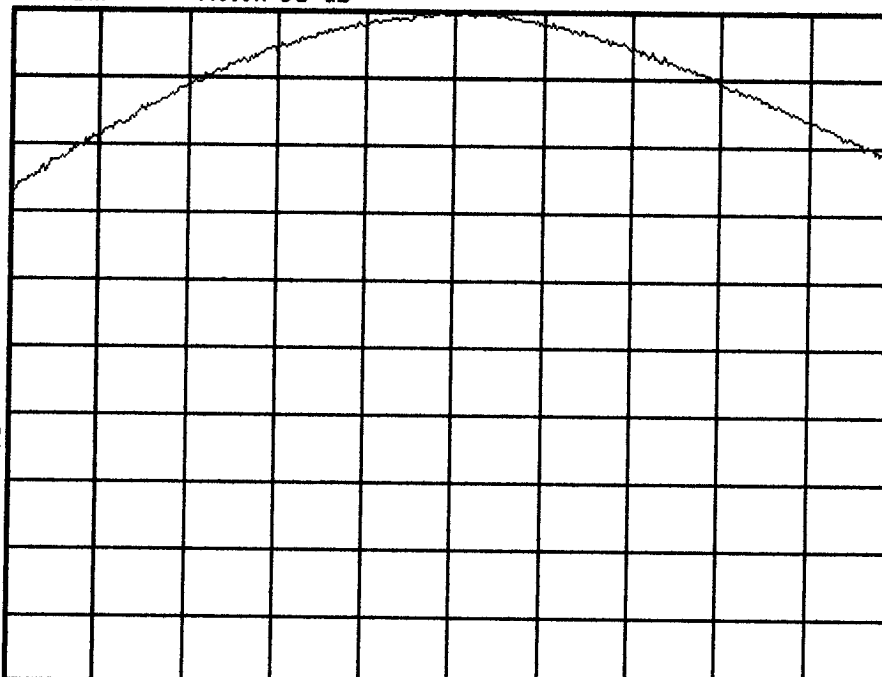
hp 15:09:21 Mar 27, 2000

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

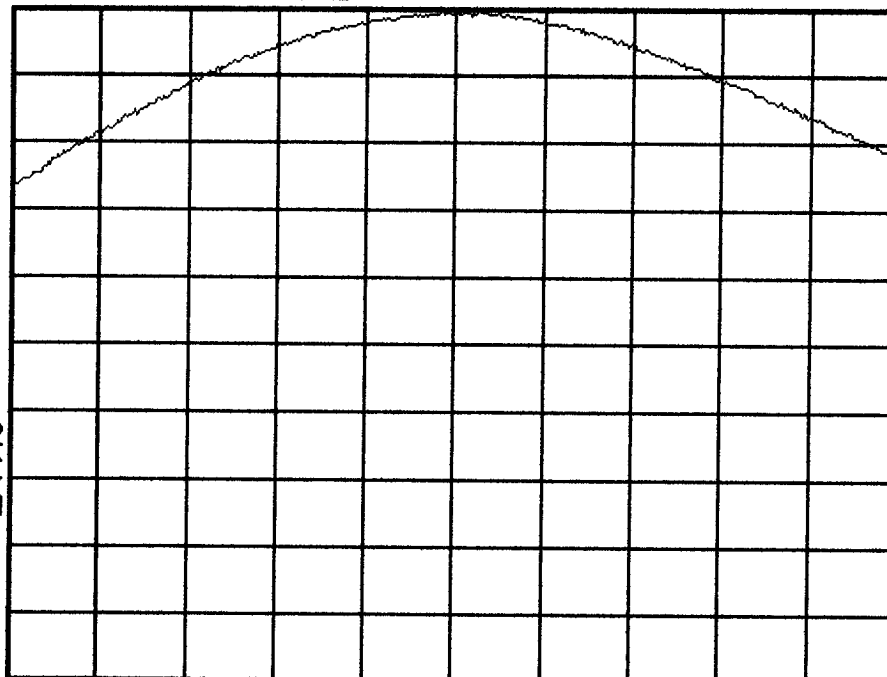
15:00:04 Mar 27, 2000

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

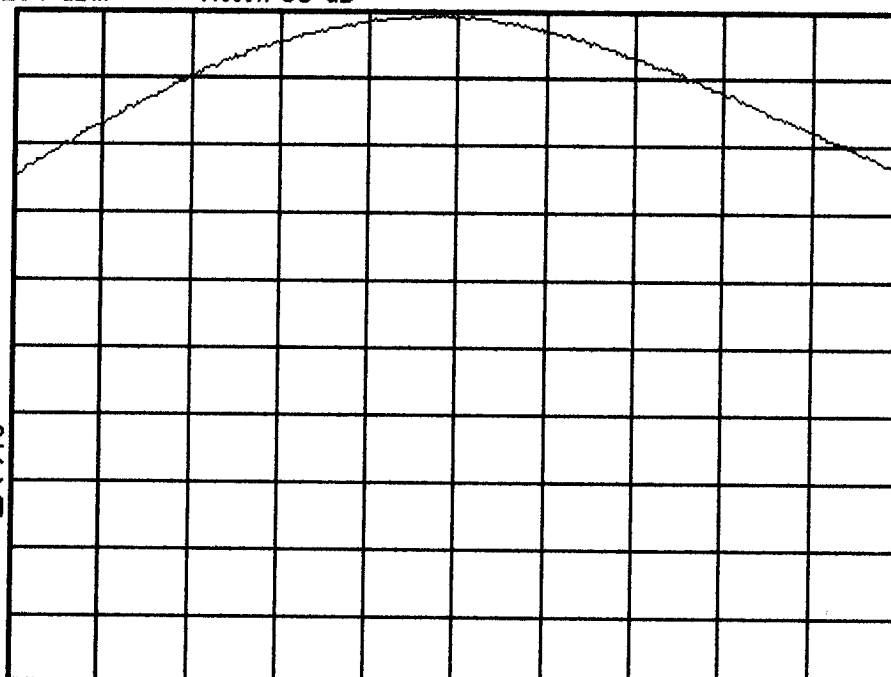
15:02:28 Mar 27, 2000

SANYO FCC ID: AEZSCP-45H PCS PWR OUT Ch 1175

Ref 22.4 dBm Atten 35 dB

Samp
Log
10
dB/
Offst
0.8
dB

PAvg
100
V1 S2
S3 FC
AA



Center 1.909 GHz

*Res BW 3 MHz

VBW 3 MHz

Span 10 MHz

Sweep 5 ms

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

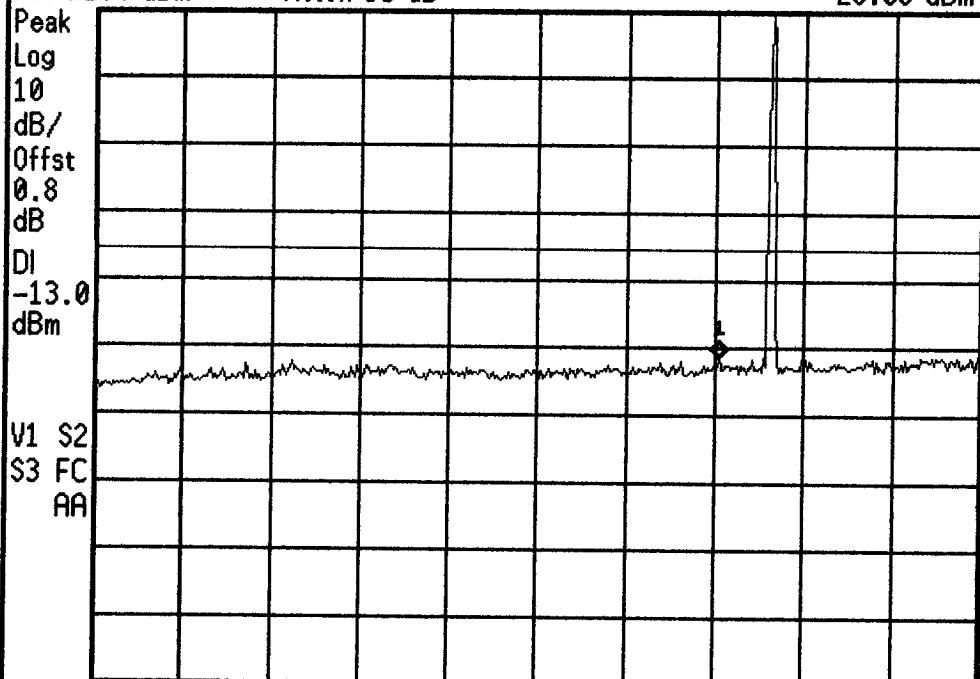
On

Off

hp 14:45:08 Mar 27, 2000

SANYO FCC ID: AEZSCP-45H CON SPUR PCS Ch1175 Mkr1 1.765 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

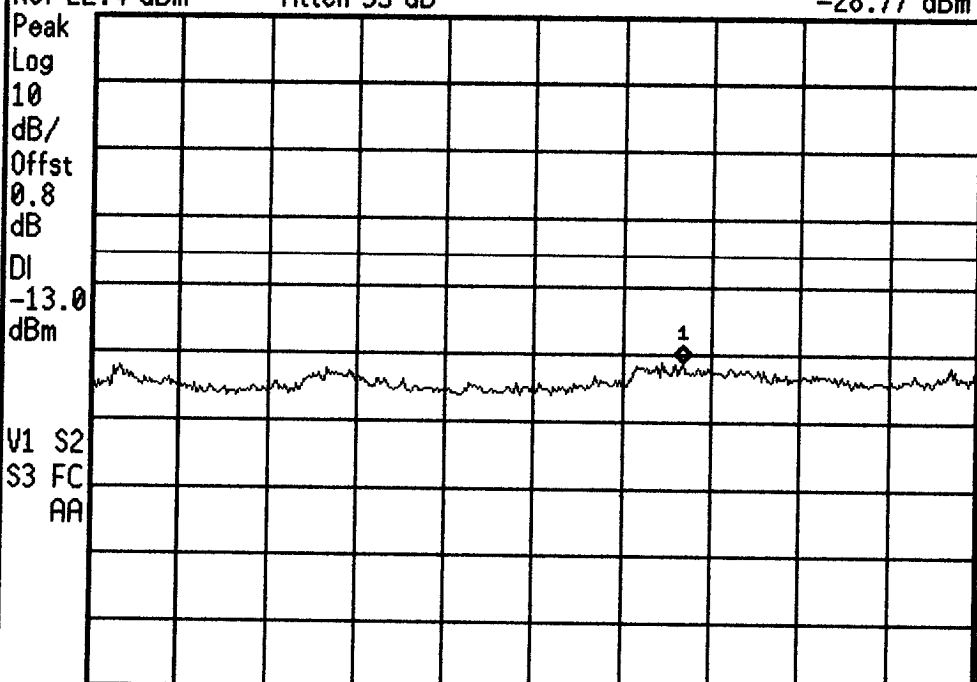
Freq Offset
0.00000000 Hz

Signal Track
On Off

hp 14:46:47 Mar 27, 2000

SANYO FCC ID: AEZSCP-45H CON SPUR PCS Ch1175 Mkr1 14.18 GHz

Ref 22.4 dBm Atten 35 dB -28.77 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 14:42:07 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

Peak

Log

10

dB/

Offst

0.8

dB

DI

-13.0

dBm

V1 S2

S3 FC

AA

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

Peak

Log

10

dB/

Offst

0.8

dB

DI

-13.0

dBm

V1 S2

S3 FC

AA

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

Peak

Log

10

dB/

Offst

0.8

dB

DI

-13.0

dBm

V1 S2

S3 FC

AA

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

Peak

Log

10

dB/

Offst

0.8

dB

DI

-13.0

dBm

V1 S2

S3 FC

AA

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

Peak

Log

10

dB/

Offst

0.6

dB

DI

-13.0

dBm

V1 S2

S3 FC

AA

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

Peak

Log

10

dB/

Offst

0.6

dB

DI

-13.0

dBm

V1 S2

S3 FC

AA

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

Peak

Log

10

dB/

Offst

0.6

dB

DI

-13.0

dBm

V1 S2

S3 FC

AA

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

Peak

Log

10

dB/

Offst

0.6

dB

DI

-13.0

dBm

V1 S2

S3 FC

AA

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

Peak

Log

10

dB/

Offst

0.6

dB

DI

-13.0

dBm

V1 S2

S3 FC

AA

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

Peak

Log

10

dB/

Offst

0.6

dB

DI

-13.0

dBm

V1 S2

S3 FC

AA

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

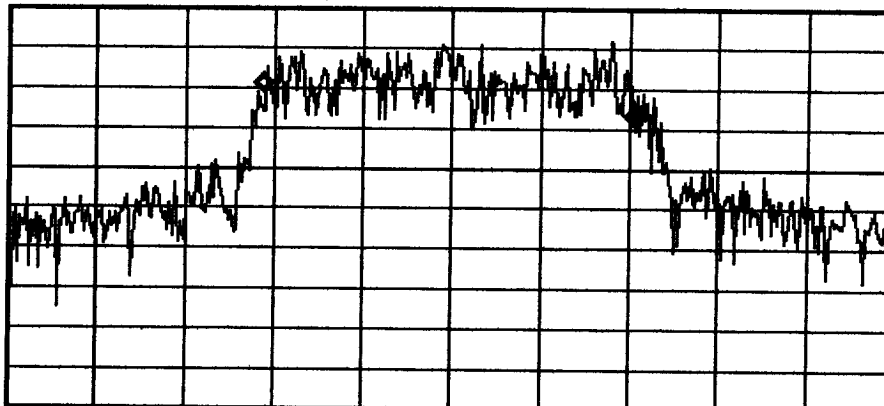
10

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

Occ BW % Pwr 99.00 %

1.250 MHz

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