

PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:CJ6DCE44941A

TOSHIBA

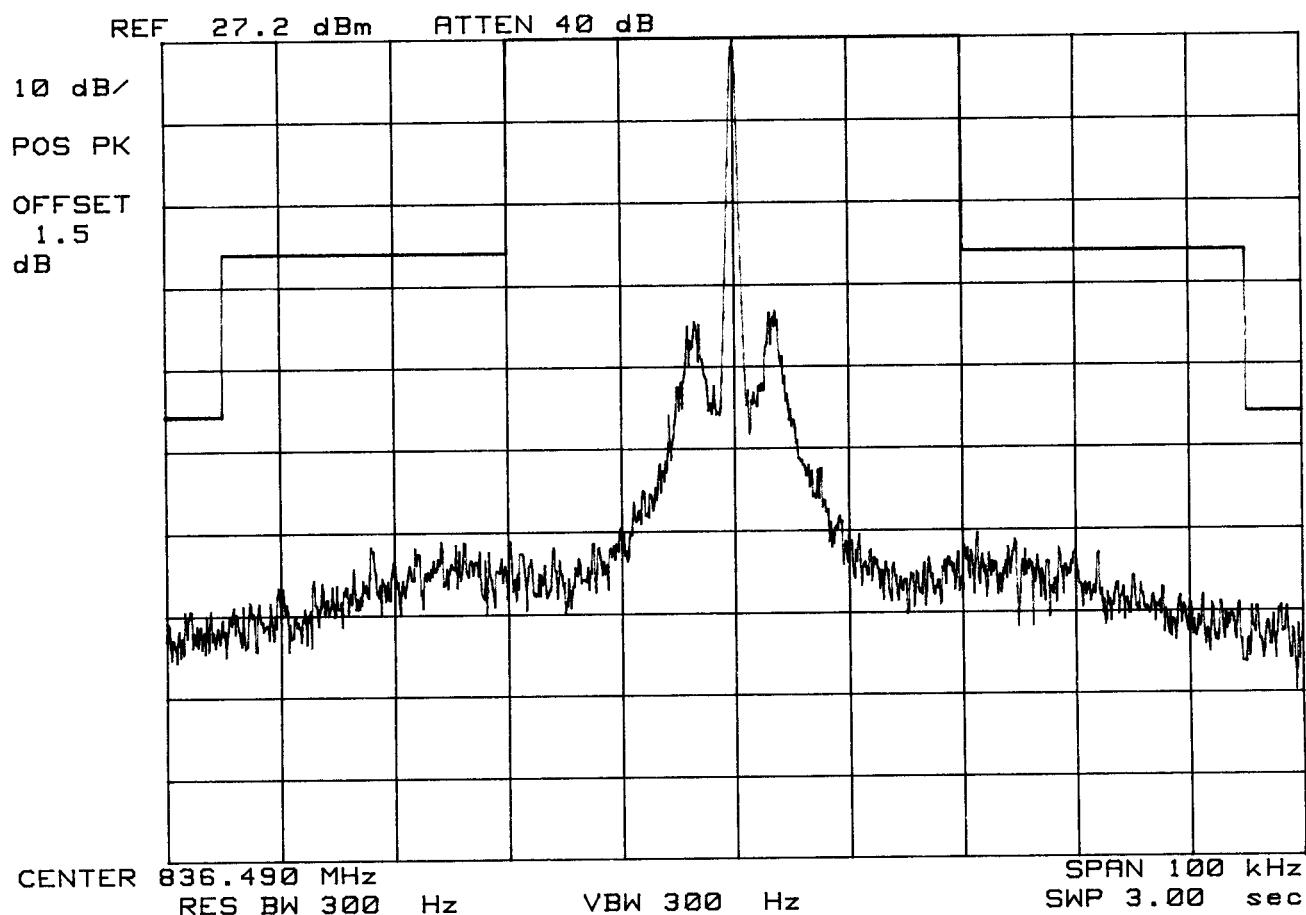
Tri-Mode Phone

FM Channel 383

Operating Frequency: 836.490 MHz

Output Power : 27.2 dBm

Test Mode:Unmodulated Signal



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:CJ6DCE44941A

TOSHIBA

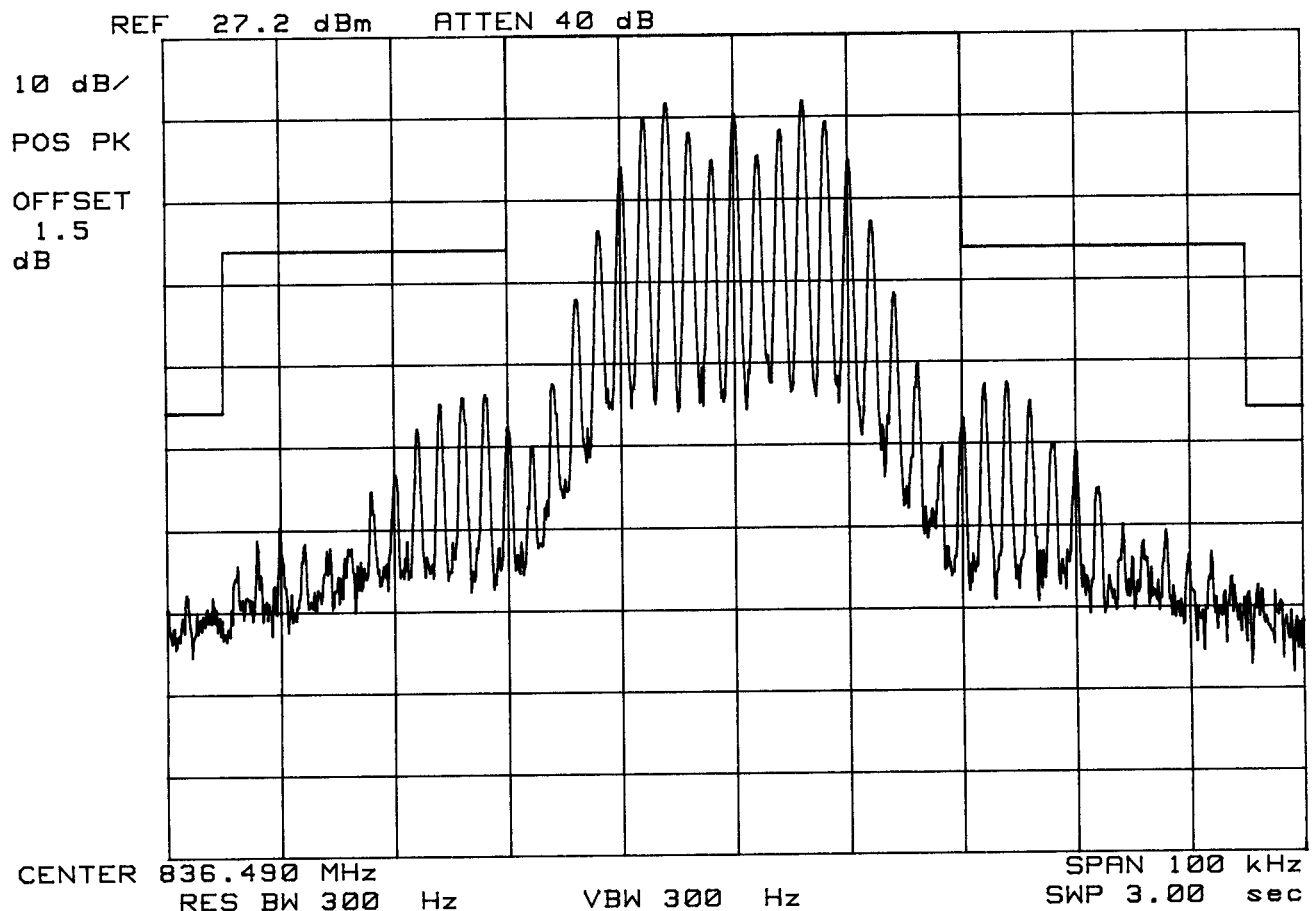
Tri-Mode Phone

FM Channel 383

Operating Frequency: 836.490 MHz

Output Power : 27.2 dBm

Test Mode:Voice



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:CJ6DCE44941A

TOSHIBA

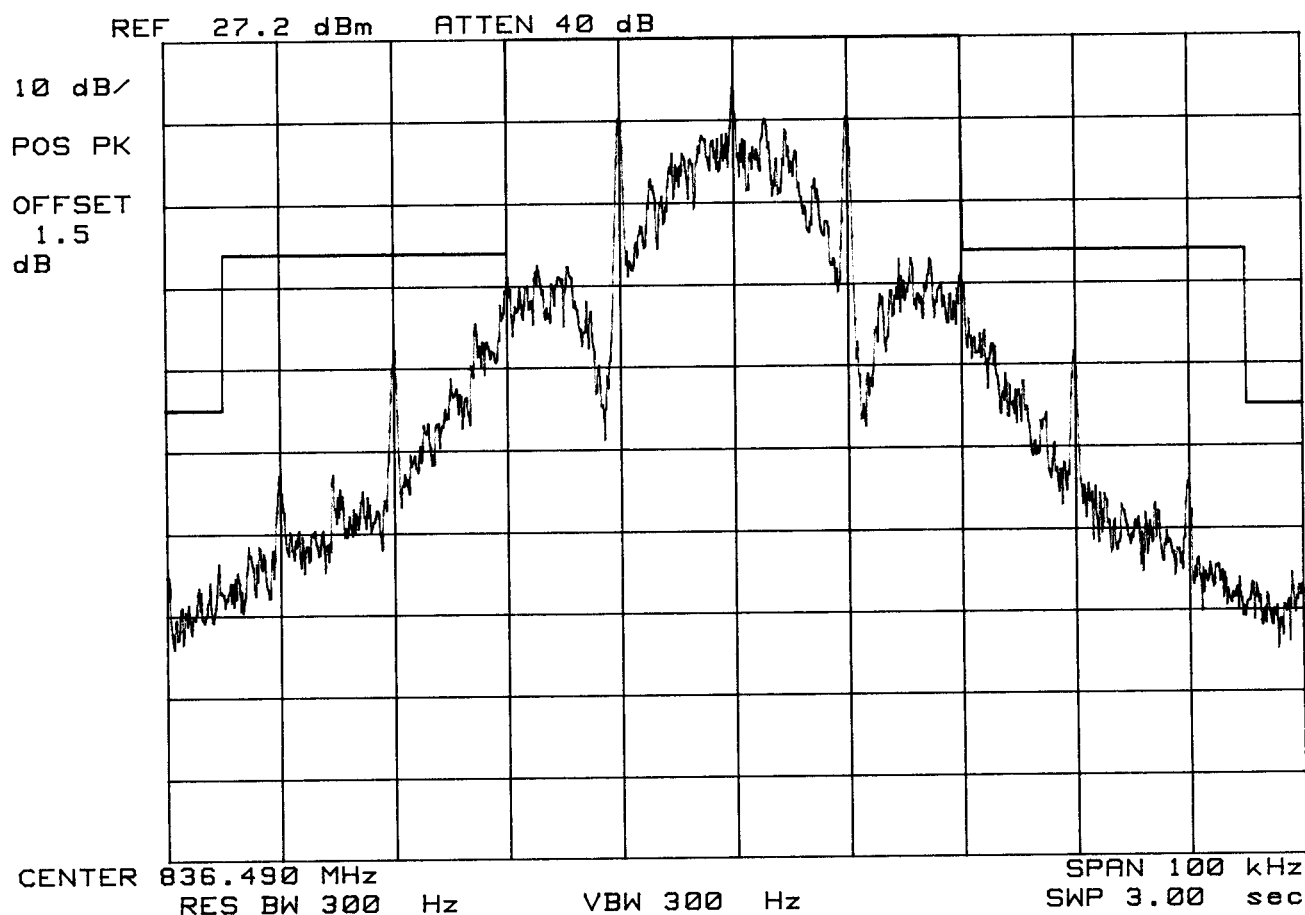
Tri-Mode Phone

FM Channel 383

Operating Frequency: 836.490 MHz

Output Power : 27.2 dBm

Test Mode:Wide Band Data



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:CJ6DCE44941A

TOSHIBA

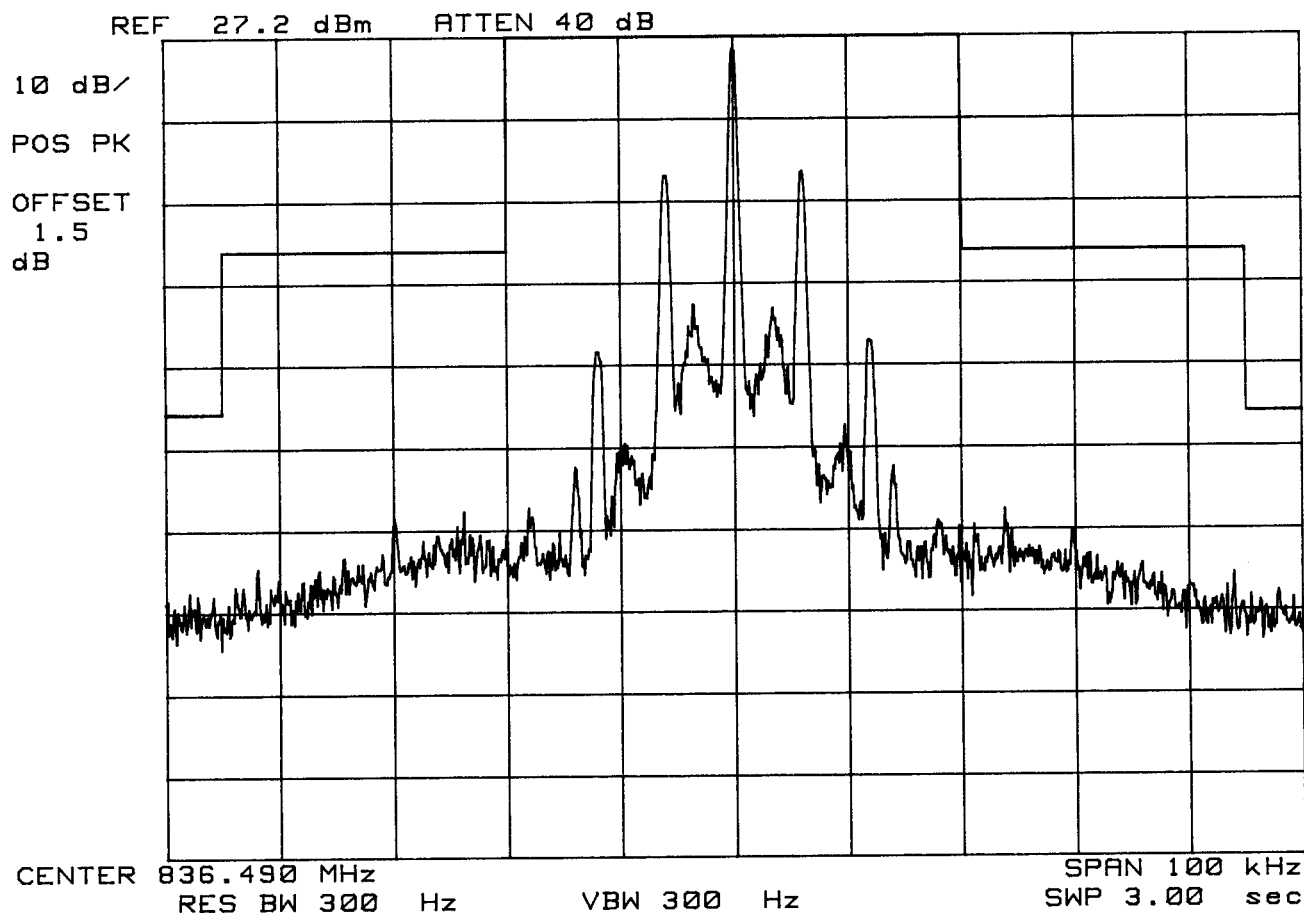
Tri-Mode Phone

FM Channel 383

Operating Frequency: 836.490 MHz

Output Power : 27.2 dBm

Test Mode:SAT



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:CJ6DCE44941A

TOSHIBA

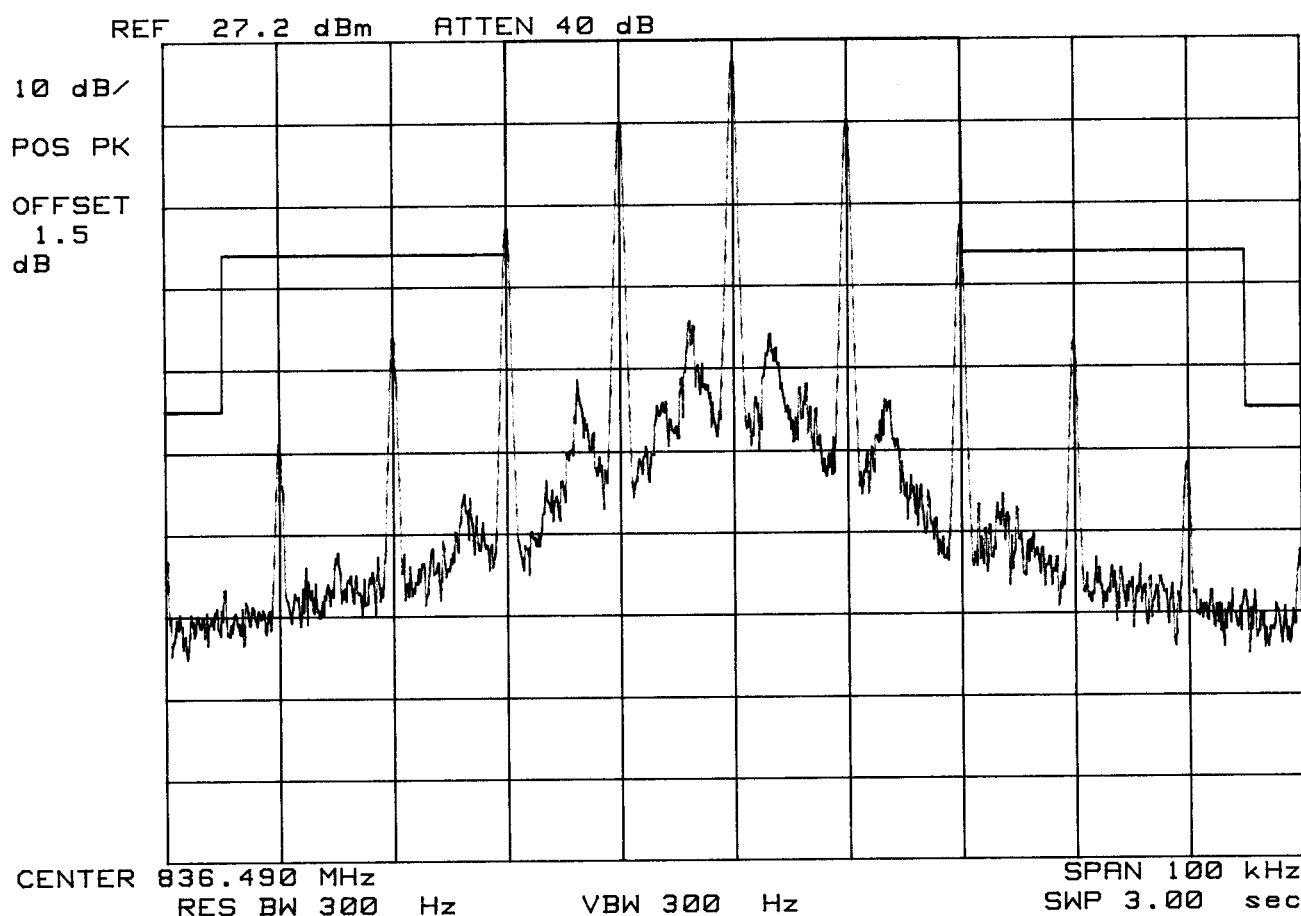
Tri-Mode Phone

FM Channel 383

Operating Frequency: 836.490 MHz

Output Power : 27.2 dBm

Test Mode:ST



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:CJ6DCE44941A

TOSHIBA

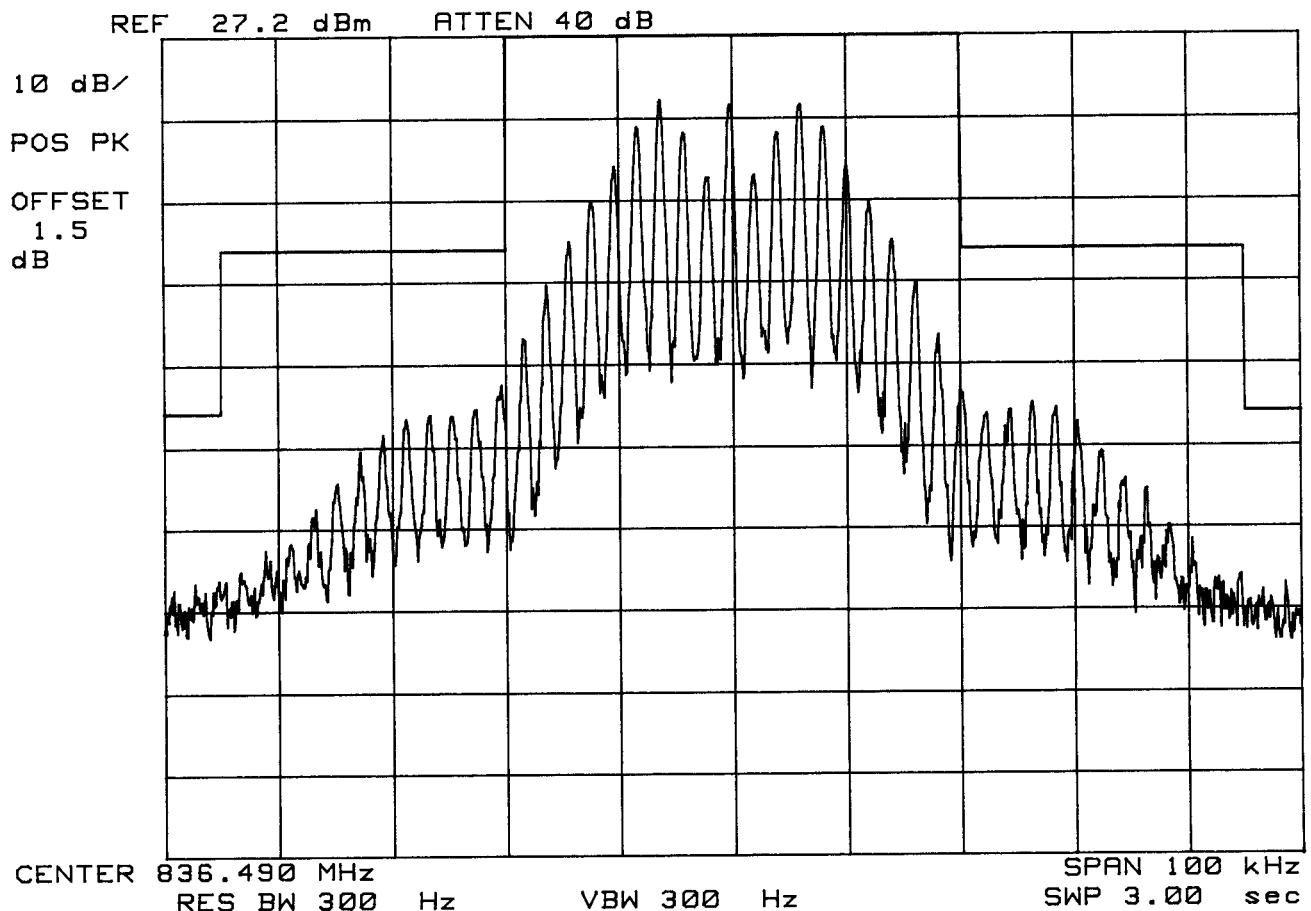
Tri-Mode Phone

FM Channel 383

Operating Frequency: 836.490 MHz

Output Power : 27.2 dBm

Test Mode:SAT + Voice



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:CJ6DCE44941A

TOSHIBA

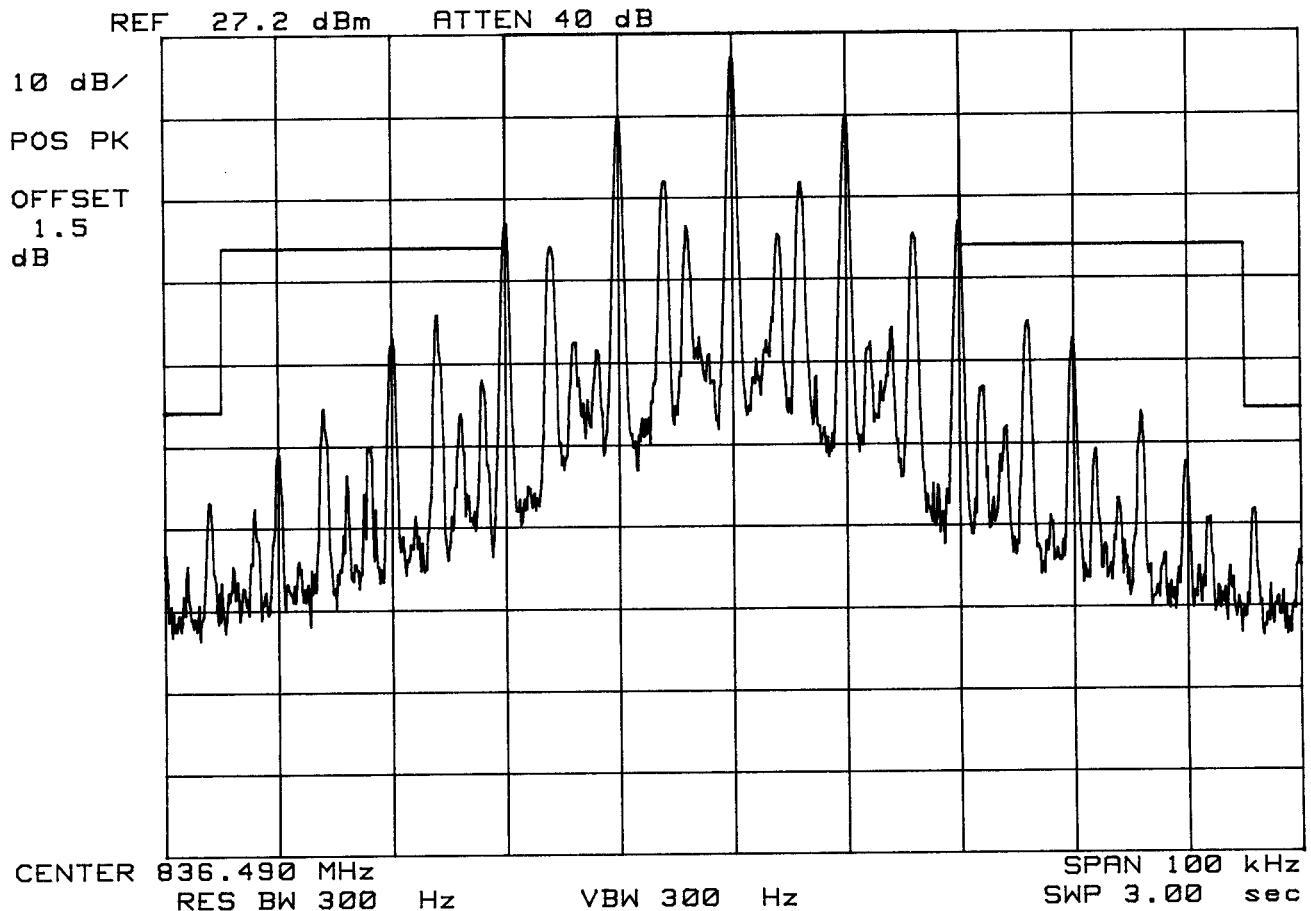
Tri-Mode Phone

FM Channel 383

Operating Frequency: 836.490 MHz

Output Power : 27.2 dBm

Test Mode:SAT + ST



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:CJ6DCE44941A

TOSHIBA

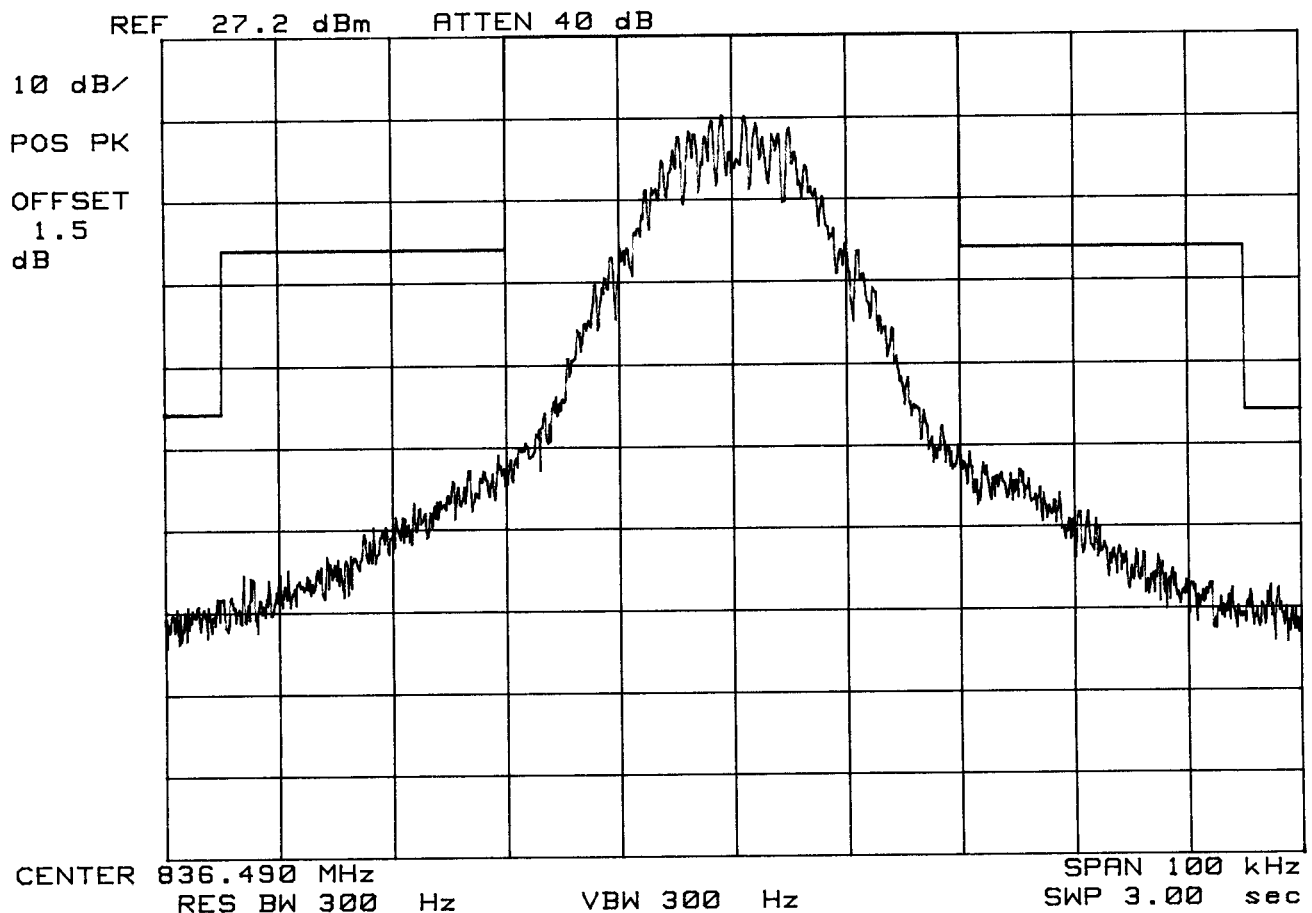
Tri-Mode Phone

FM Channel 383

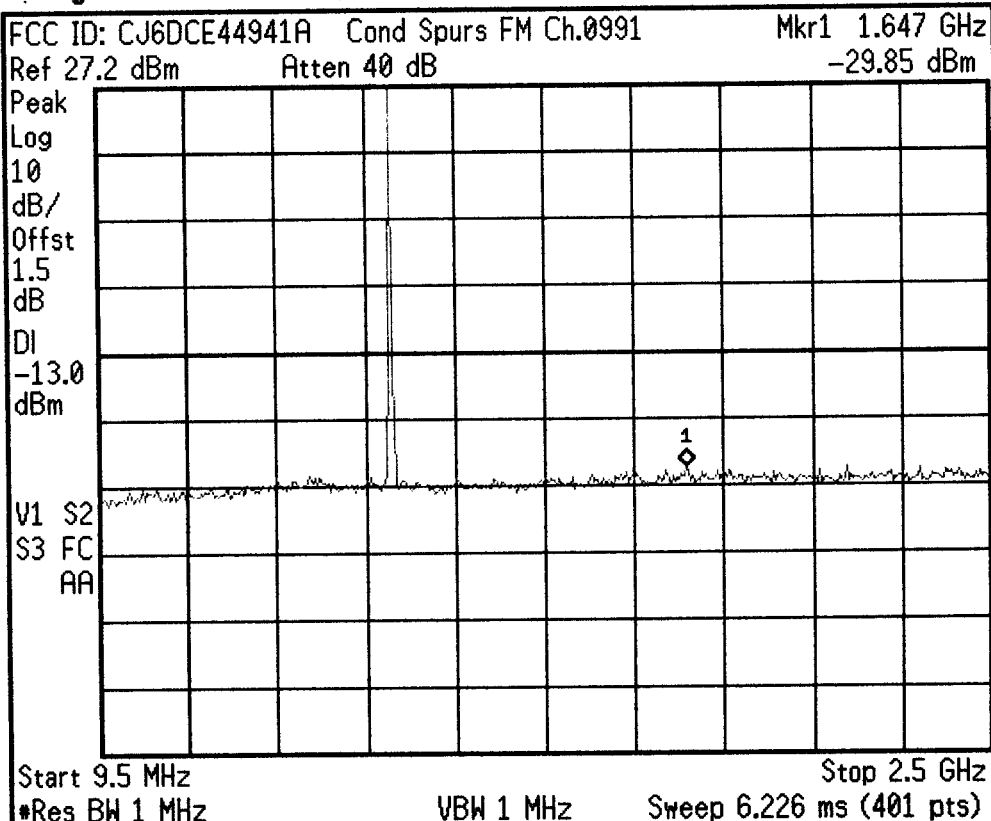
Operating Frequency: 836.490 MHz

Output Power : 27.2 dBm

Test Mode:SAT + DTMF

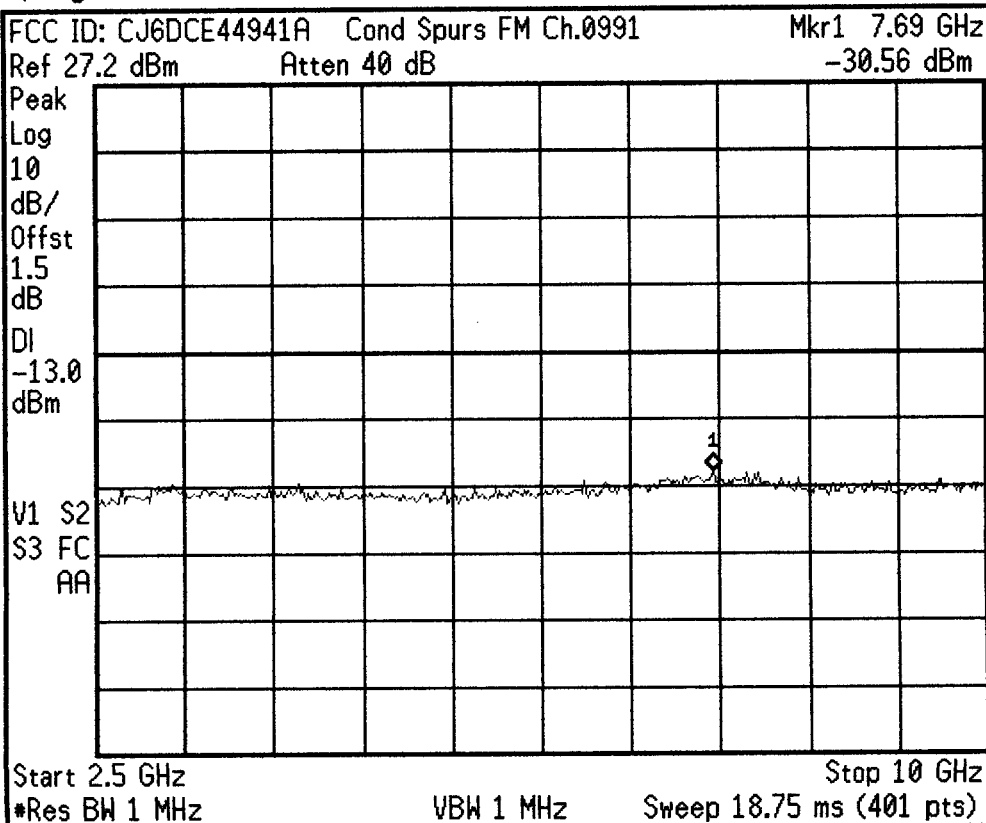


* Agilent 11:59:21 Sep 6, 2001



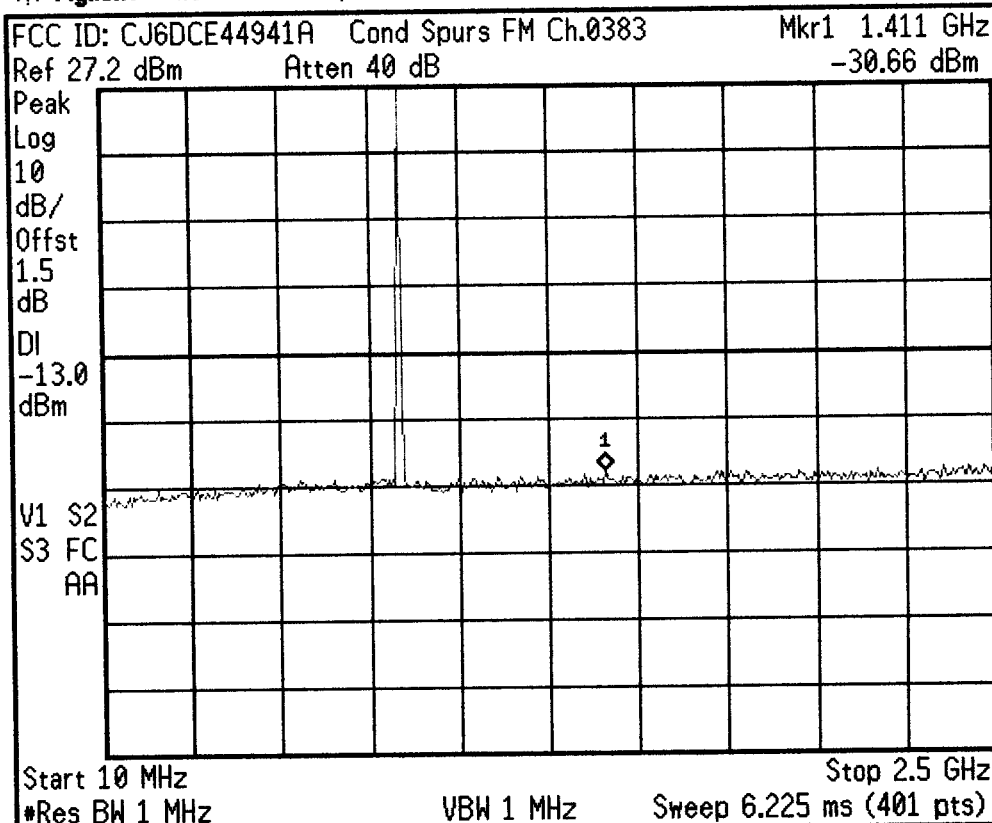
Freq/Channel
Center Freq 1.25475000 GHz
Start Freq 9.50000000 MHz
Stop Freq 2.50000000 GHz
CF Step 249.050000 MHz Auto Man
Freq Offset 0.00000000 Hz
Signal Track On Off

* Agilent 12:00:22 Sep 6, 2001



Freq/Channel
Center Freq 6.25000000 GHz
Start Freq 2.50000000 GHz
Stop Freq 10.00000000 GHz
CF Step 750.000000 MHz Auto Man
Freq Offset 0.00000000 Hz
Signal Track On Off

* Agilent 12:02:09 Sep 6, 2001



Freq/Channel

Center Freq
 1.25500000 GHz

Start Freq
 10.0000000 MHz

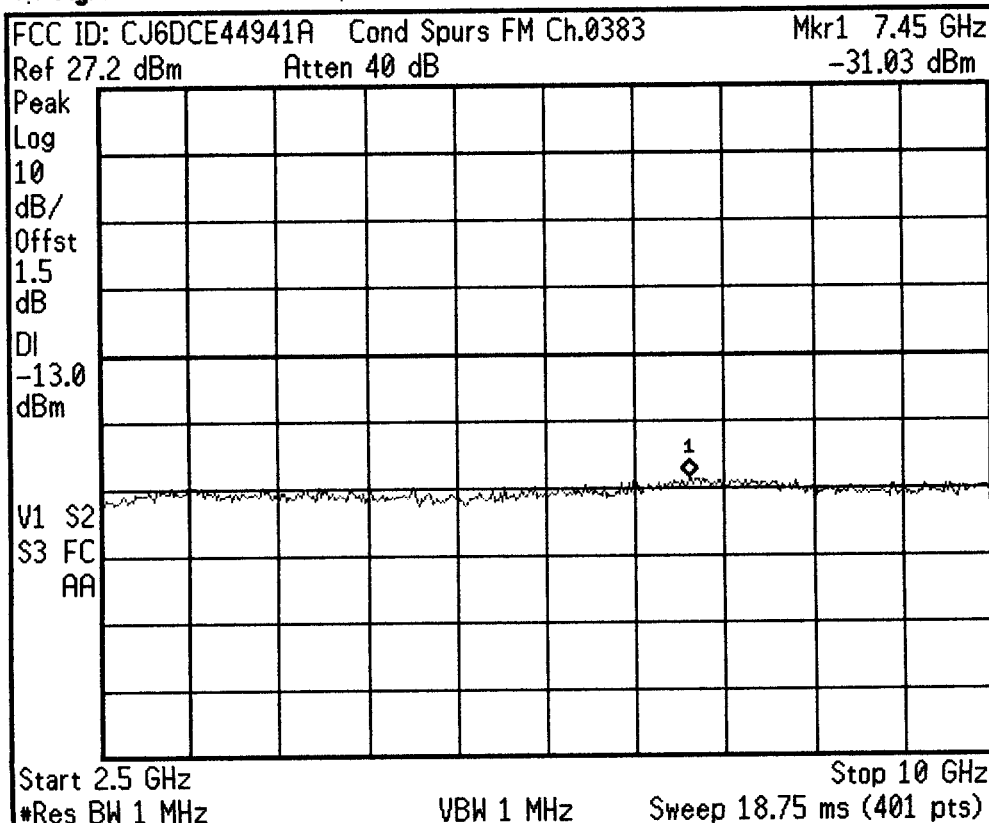
Stop Freq
 2.50000000 GHz

CF Step
 249.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 12:03:00 Sep 6, 2001



Freq/Channel

Center Freq
 6.25000000 GHz

Start Freq
 2.50000000 GHz

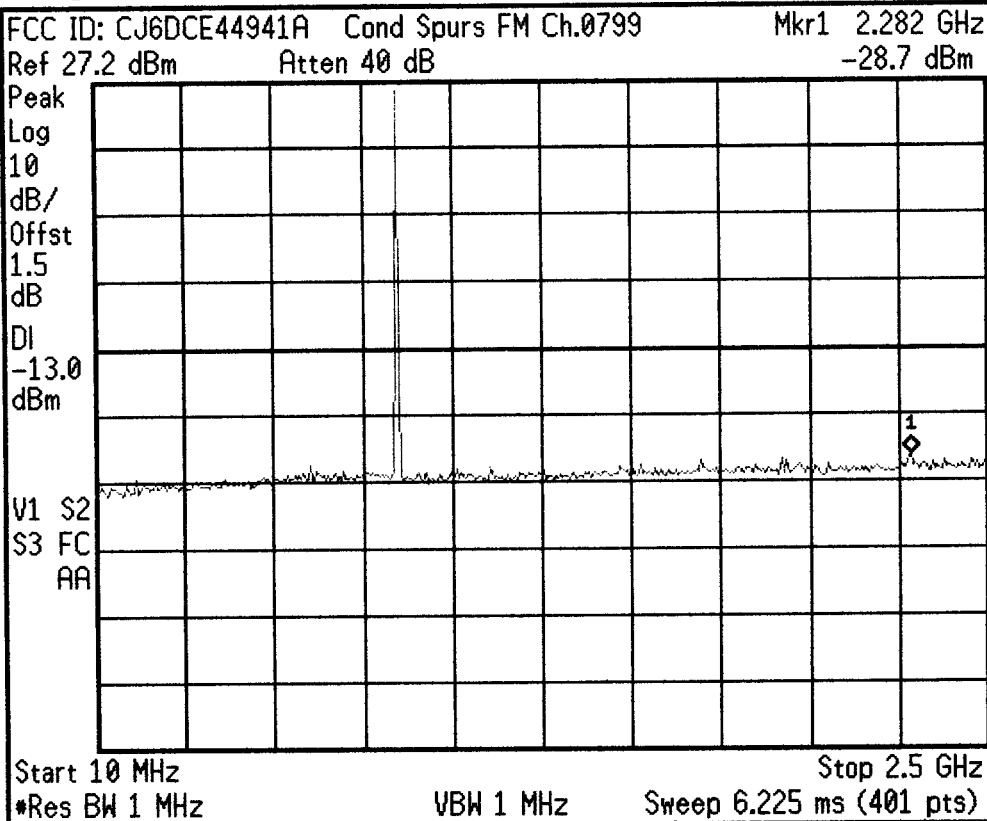
Stop Freq
 10.0000000 GHz

CF Step
 750.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 12:05:15 Sep 6, 2001



Freq/Channel

Center Freq
 1.25500000 GHz

Start Freq
 10.0000000 MHz

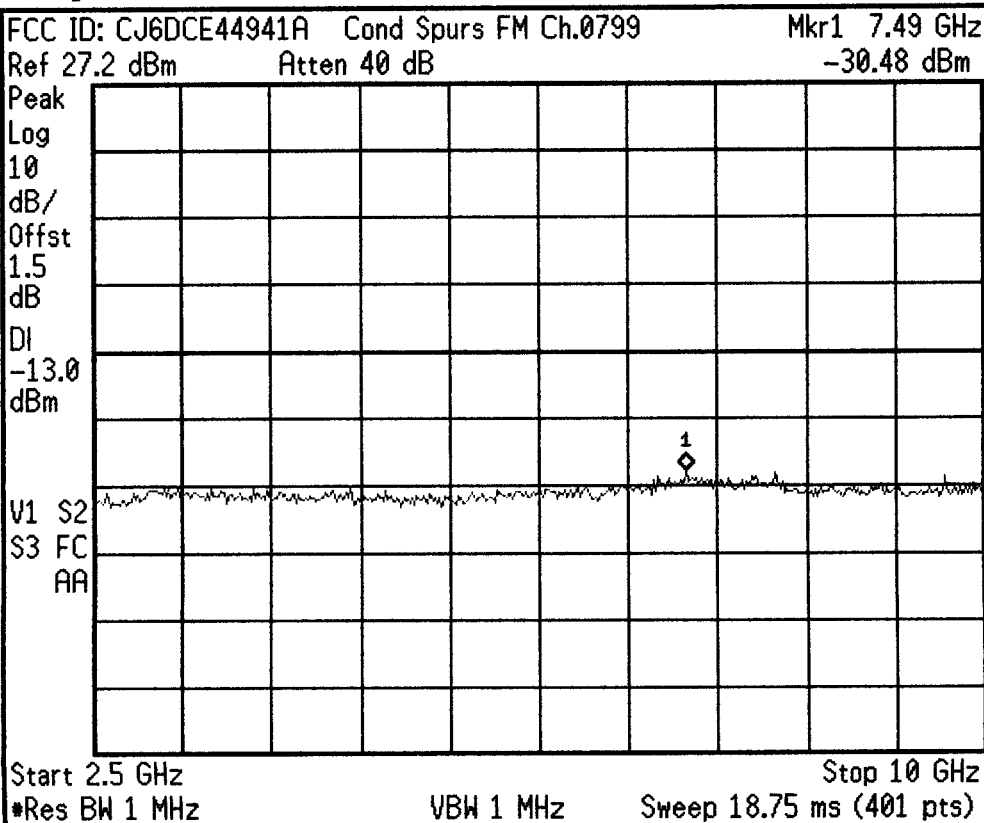
Stop Freq
 2.50000000 GHz

CF Step
 249.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 12:06:19 Sep 6, 2001



Freq/Channel

Center Freq
 6.25000000 GHz

Start Freq
 2.50000000 GHz

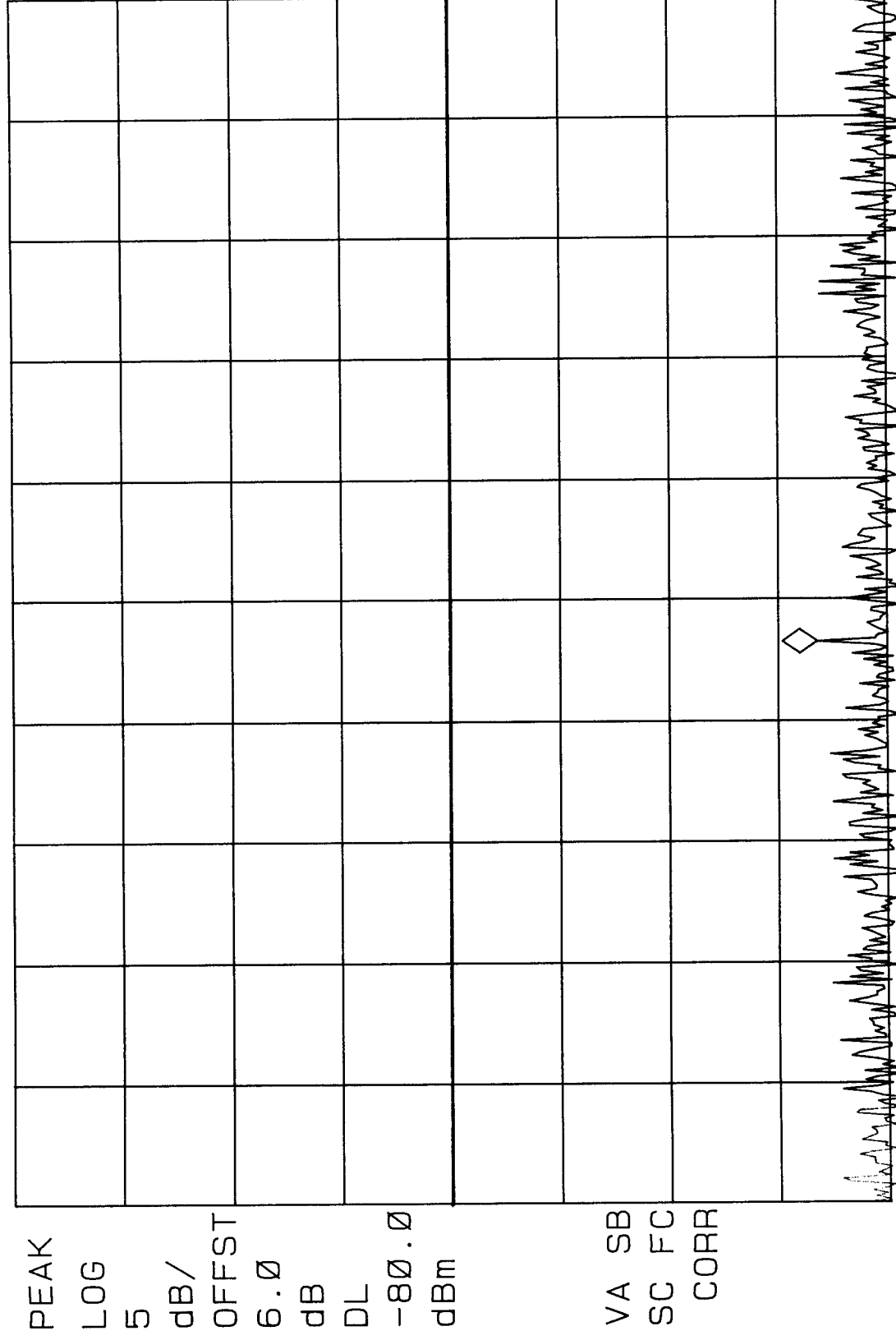
Stop Freq
 10.0000000 GHz

CF Step
 750.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

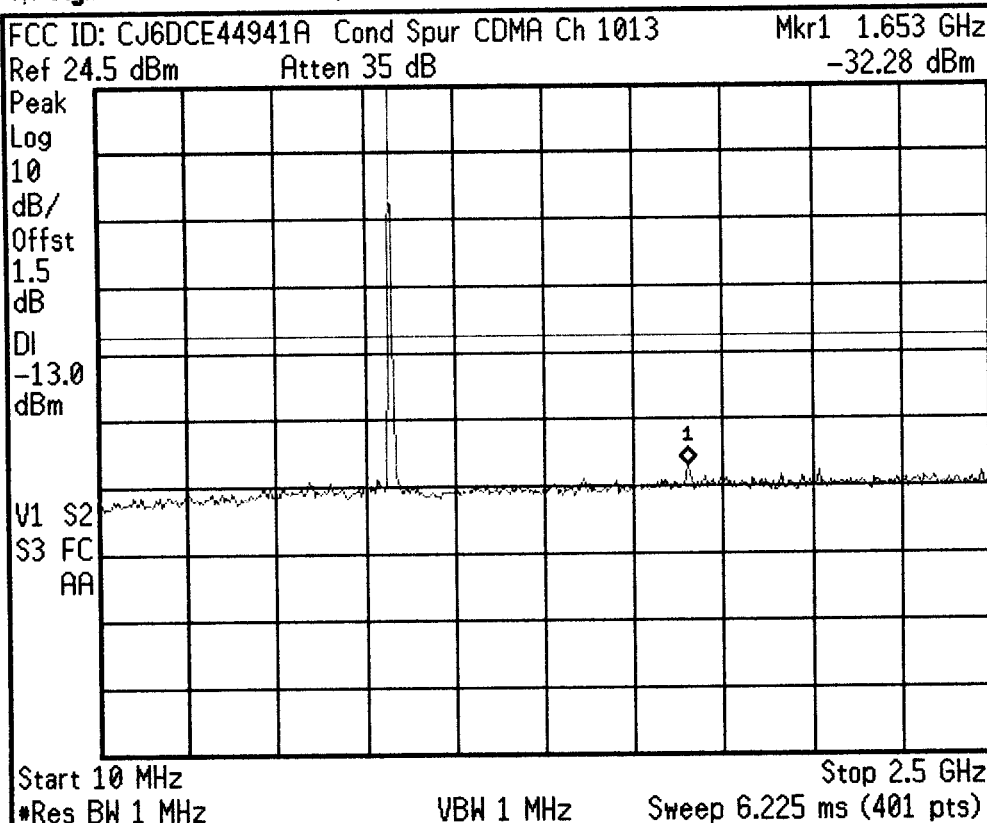
Signal Track
 On Off

FCC ID: CJ6DCE44941A FM MODE MKR 880.62 MHz
REF -60.0 dBm #ATTEN 10 dB PG 25.0 dB -96.78 dBm



START 869.00 MHz STOP 894.00 MHz
#RES BW 100 KHZ #VBW 300 KHZ SWP 20 msec

* Agilent 12:08:47 Sep 6, 2001



Freq/Channel

Center Freq
 1.25500000 GHz

Start Freq
 10.0000000 MHz

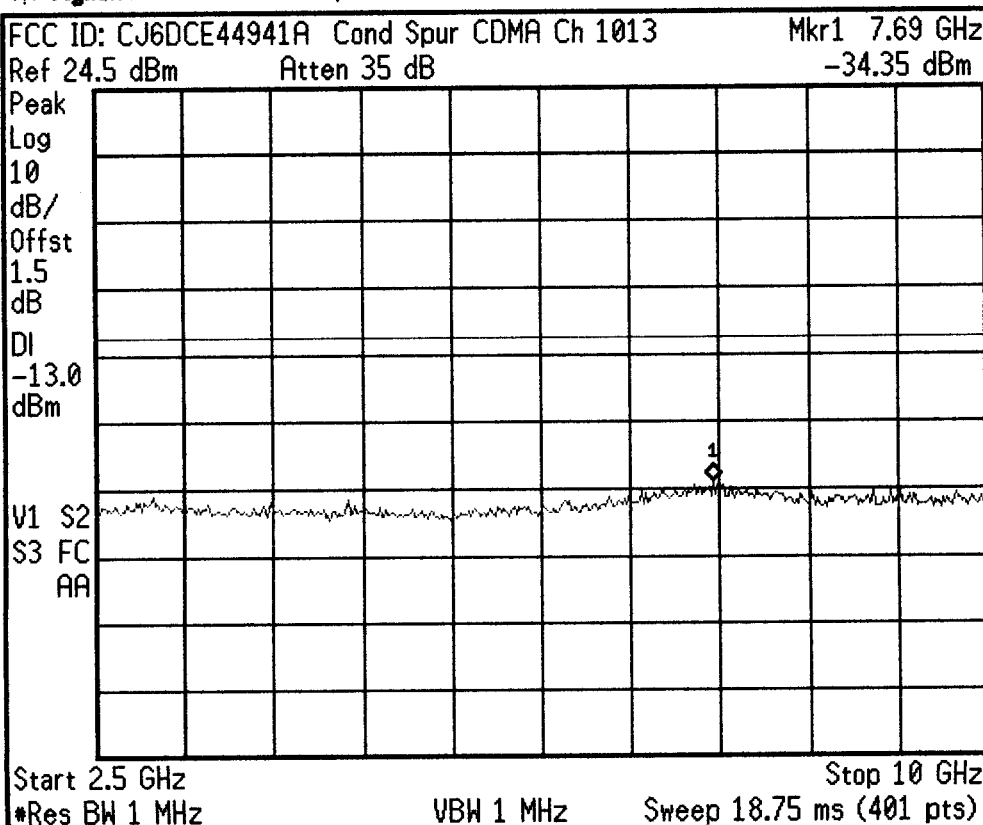
Stop Freq
 2.50000000 GHz

CF Step
 249.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 12:09:41 Sep 6, 2001



Freq/Channel

Center Freq
 6.25000000 GHz

Start Freq
 2.50000000 GHz

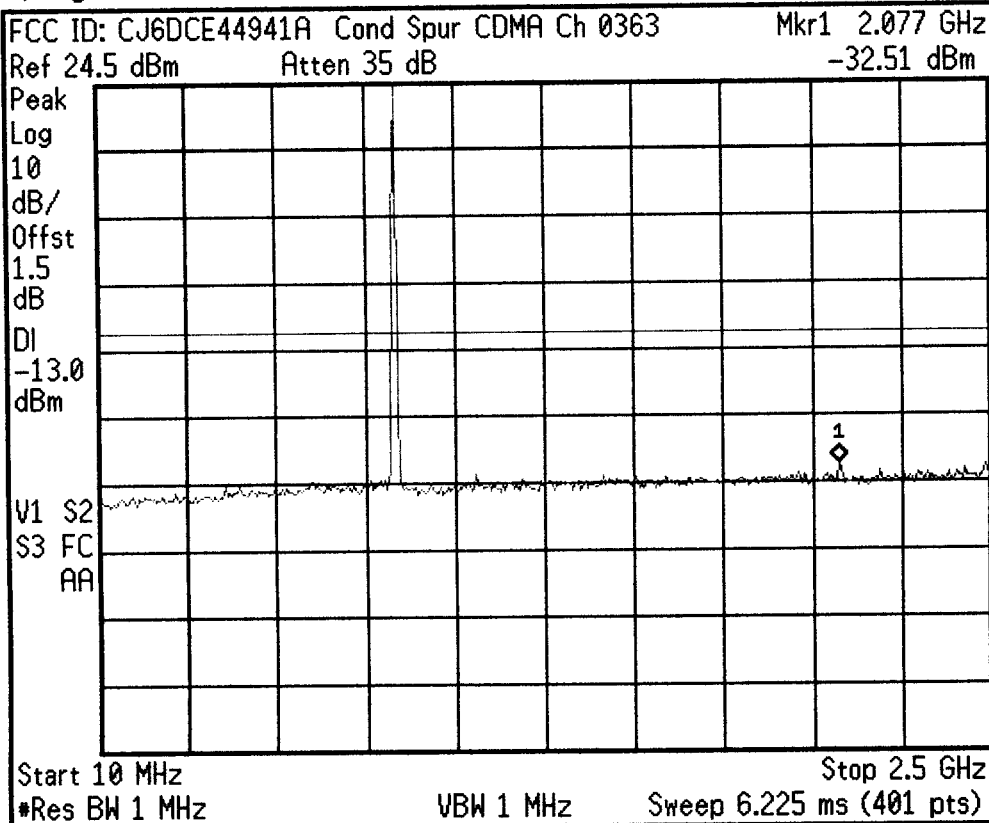
Stop Freq
 10.0000000 GHz

CF Step
 750.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

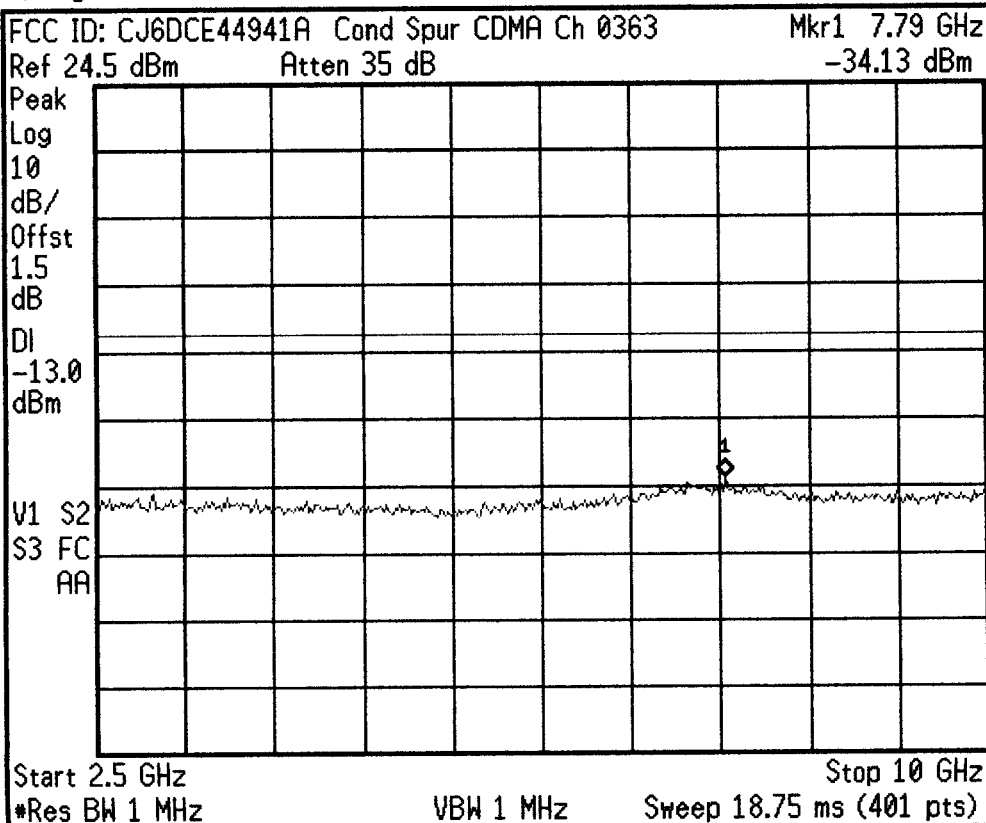
Signal Track
 On Off

* Agilent 12:16:23 Sep 6, 2001



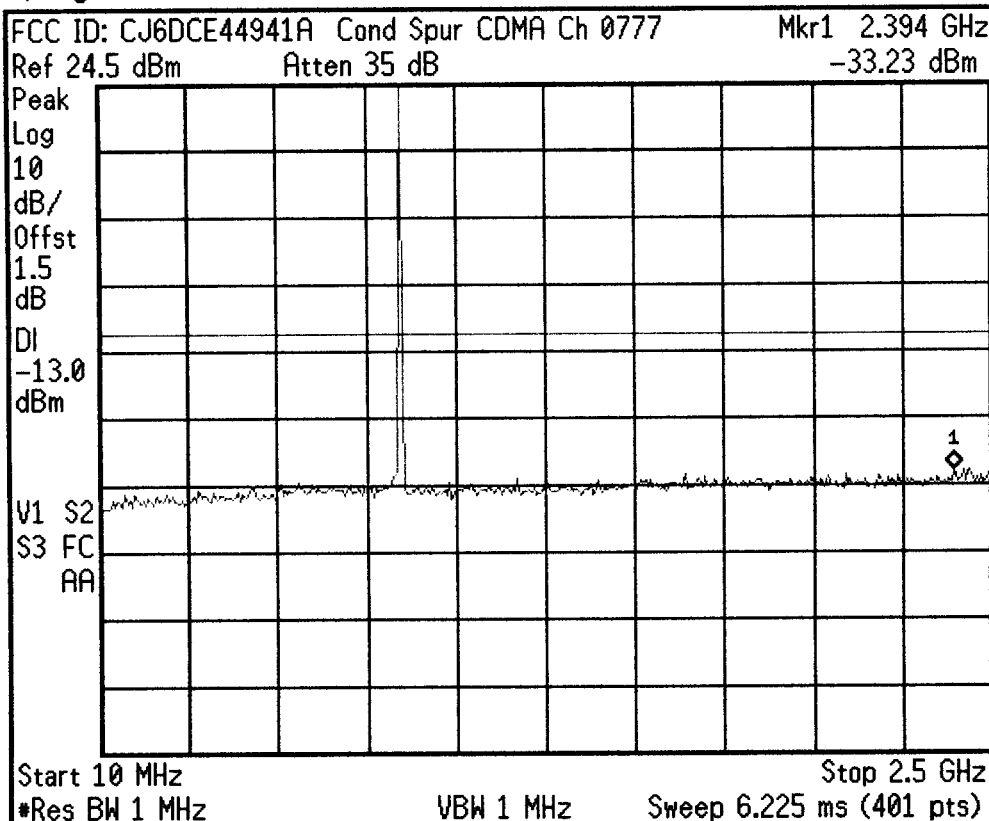
Freq/Channel
Center Freq 1.25500000 GHz
Start Freq 10.0000000 MHz
Stop Freq 2.50000000 GHz
CF Step 249.000000 MHz Auto Man
Freq Offset 0.00000000 Hz
Signal Track On Off

* Agilent 12:17:11 Sep 6, 2001



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

* Agilent 12:19:02 Sep 6, 2001



Freq/Channel

Center Freq
 1.25500000 GHz

Start Freq
 10.0000000 MHz

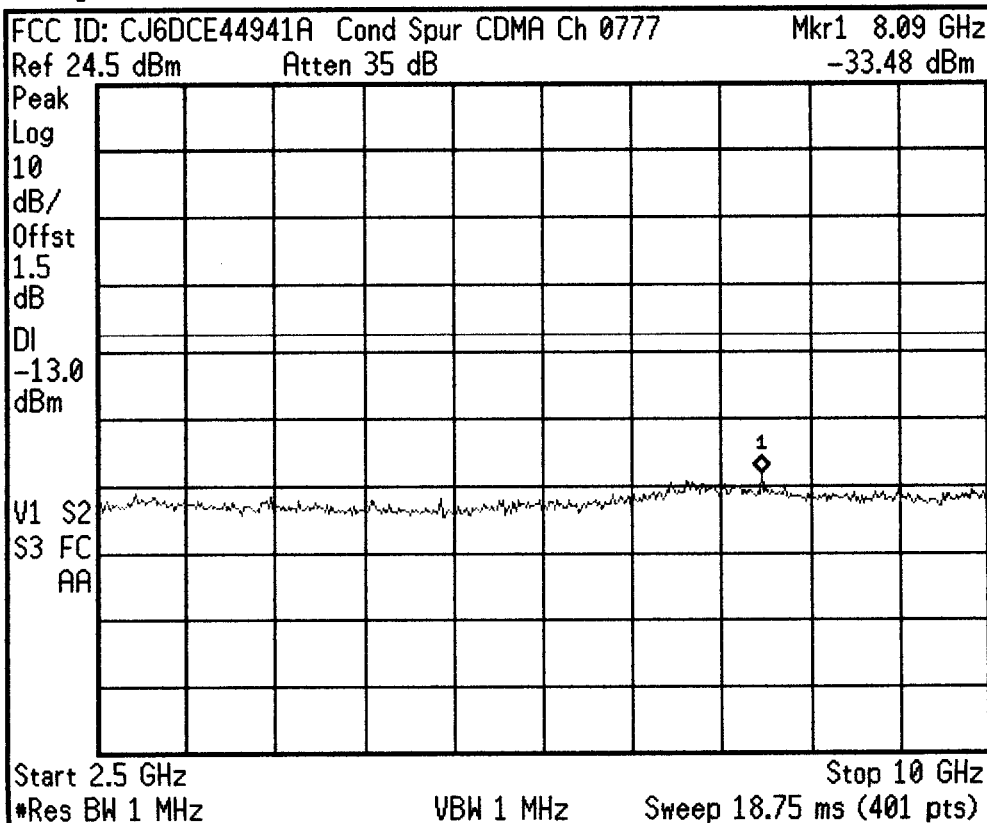
Stop Freq
 2.50000000 GHz

CF Step
 249.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 12:22:32 Sep 6, 2001



Freq/Channel

Center Freq
 6.25000000 GHz

Start Freq
 2.50000000 GHz

Stop Freq
 10.0000000 GHz

CF Step
 750.000000 MHz
 Auto Man

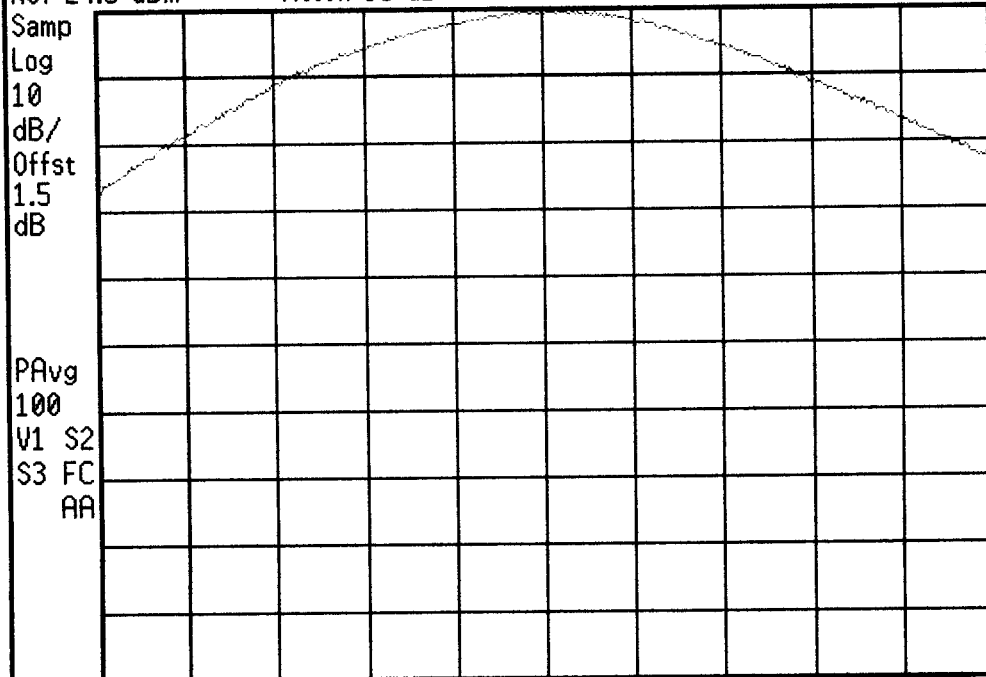
Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 13:40:10 Sep 6, 2001

FCC ID: CJ6DCE44941A POWER OUT CDMA Ch 1013

Ref 24.5 dBm Atten 35 dB



Center 824.7 MHz

Span 10 MHz

*Res BW 3 MHz

VBW 3 MHz

Sweep 5 ms (401 pts)

Freq/Channel

Center Freq

824.700000 MHz

Start Freq

819.700000 MHz

Stop Freq

829.700000 MHz

CF Step

1.00000000 MHz

Auto

Man

Freq Offset

0.00000000 Hz

Signal Track

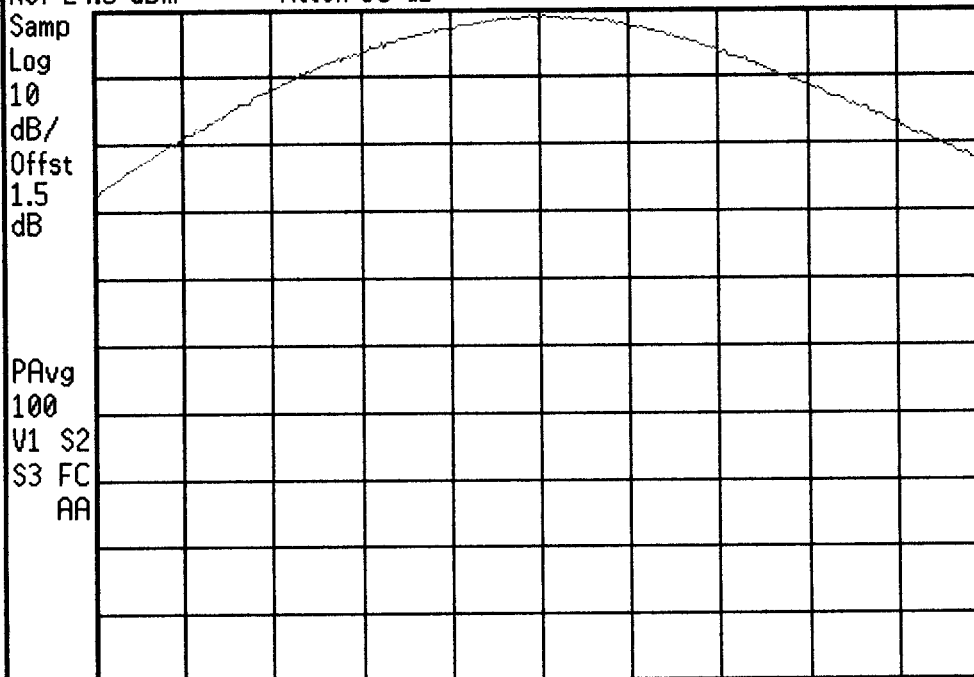
On

Off

* Agilent 13:44:10 Sep 6, 2001

FCC ID: CJ6DCE44941A POWER OUT CDMA Ch 0777

Ref 24.5 dBm Atten 35 dB



Center 848.3 MHz

Span 10 MHz

*Res BW 3 MHz

VBW 3 MHz

Sweep 5 ms (401 pts)

Freq/Channel

Center Freq

848.300000 MHz

Start Freq

843.300000 MHz

Stop Freq

853.300000 MHz

CF Step

1.00000000 MHz

Auto

Man

Freq Offset

0.00000000 Hz

Signal Track

On

Off

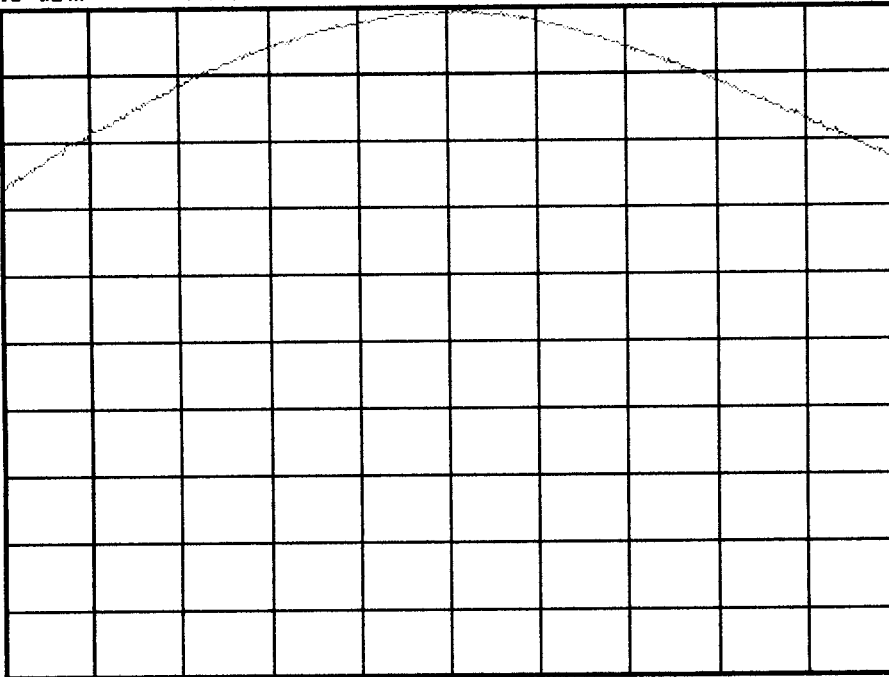
* Agilent 13:46:28 Sep 6, 2001

FCC ID: CJ6DCE44941A POWER OUT CDMA Ch 0363

Ref 24.5 dBm Atten 35 dB

Samp
Log
10
dB/
Offst
1.5
dB

PAvg
100
V1 S2
S3 FC
AA



Center 835.9 MHz

Span 10 MHz

*Res BW 3 MHz

VBW 3 MHz

Sweep 5 ms (401 pts)

Freq/Channel

Center Freq
835.900000 MHz

Start Freq
830.900000 MHz

Stop Freq
840.900000 MHz

CF Step
1.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

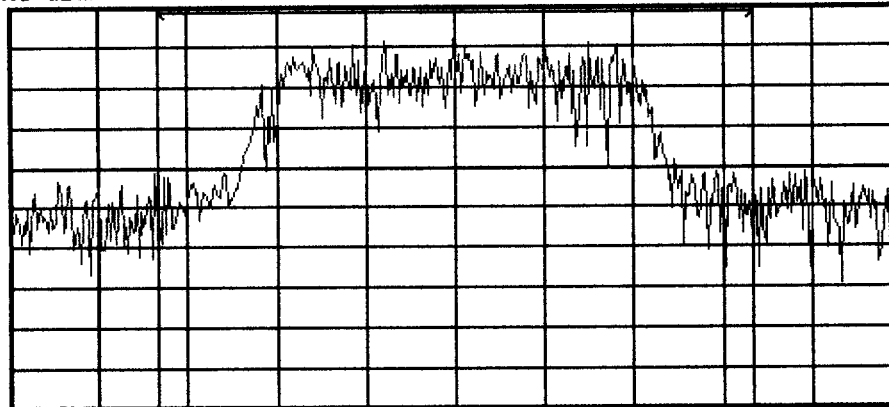
Signal Track
On Off

* Agilent 13:47:13 Sep 6, 2001

FCC ID: CJ6DCE44941A POWER OUT CDMA Ch 0363

Ref 24.5 dBm Atten 35 dB

Samp
Log
10
dB/
Offst
1.5
dB



Center 835.9 MHz

Span 3 MHz

*Res BW 30 kHz

*VBW 300 kHz

Sweep 9.167 ms (401 pts)

Freq/Channel

Center Freq
835.900000 MHz

Start Freq
834.400000 MHz

Stop Freq
837.400000 MHz

CF Step
300.000000 kHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Channel Power Results (idle)

Channel Power
24.50 dBm

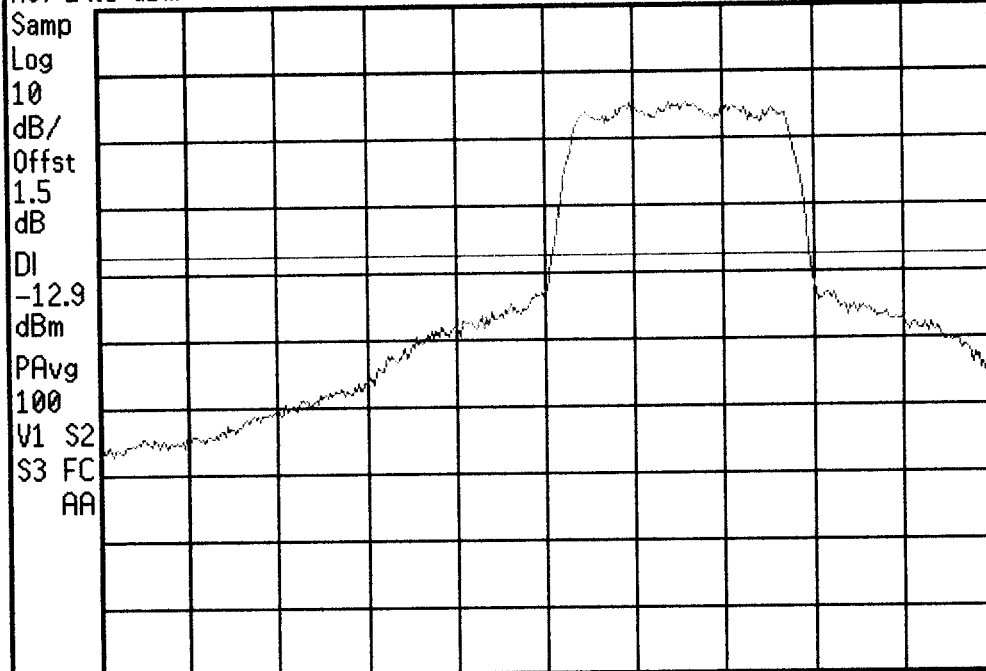
Integration BW 2.000 MHz

Density -38.51 dBm/Hz

* Agilent 13:52:44 Sep 6, 2001

FCC ID: CJ6DCE44941A BAND EDGE CDMA Ch 1013

Ref 24.5 dBm Atten 35 dB



Center 824 MHz

Span 5 MHz

*Res BW 30 kHz

VBW 300 kHz

Sweep 12.08 ms (401 pts)

Freq/Channel

Center Freq

824.000000 MHz

Start Freq

821.500000 MHz

Stop Freq

826.500000 MHz

CF Step

500.000000 kHz

Auto Man

Freq Offset

0.00000000 Hz

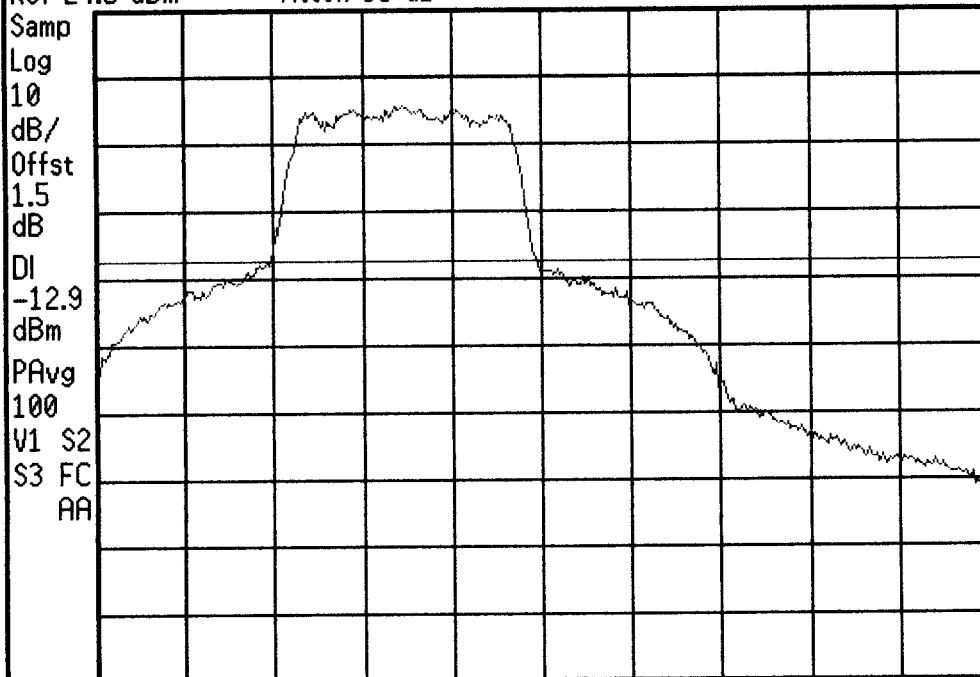
Signal Track

On Off

* Agilent 13:56:16 Sep 6, 2001

FCC ID: CJ6DCE44941A BAND EDGE CDMA Ch 0777

Ref 24.5 dBm Atten 35 dB



Center 849 MHz

Span 5 MHz

*Res BW 30 kHz

VBW 300 kHz

Sweep 12.08 ms (401 pts)

Freq/Channel

Center Freq

849.000000 MHz

Start Freq

846.500000 MHz

Stop Freq

851.500000 MHz

CF Step

500.000000 kHz

Auto Man

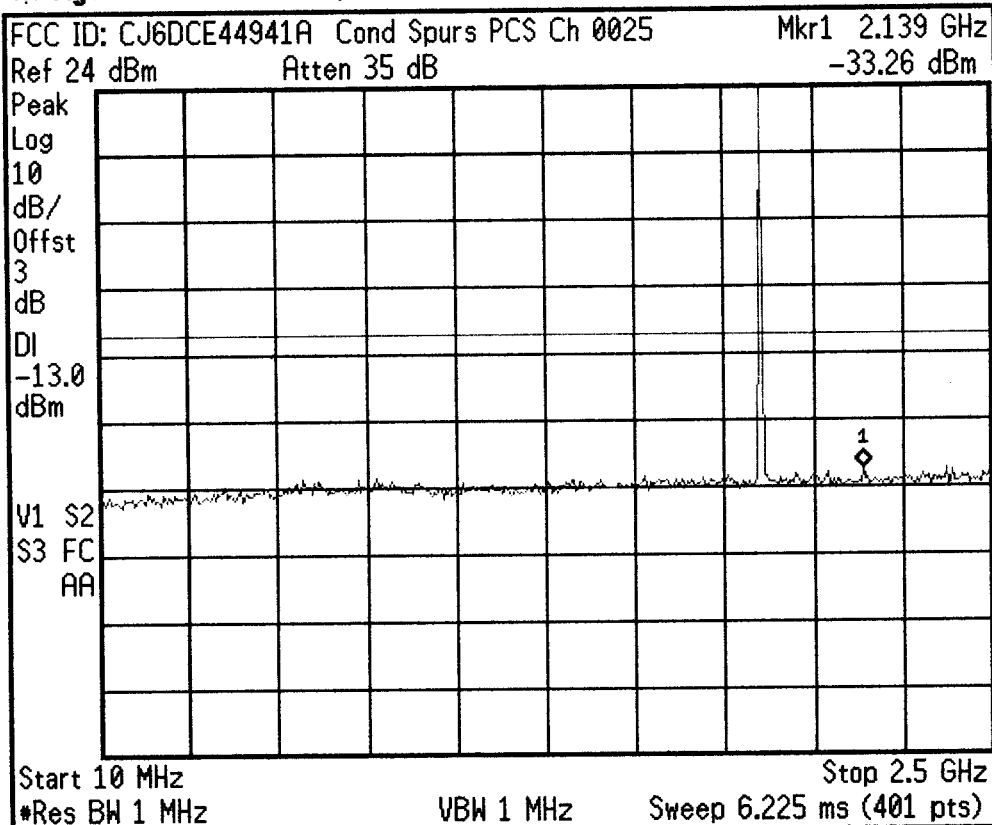
Freq Offset

0.00000000 Hz

Signal Track

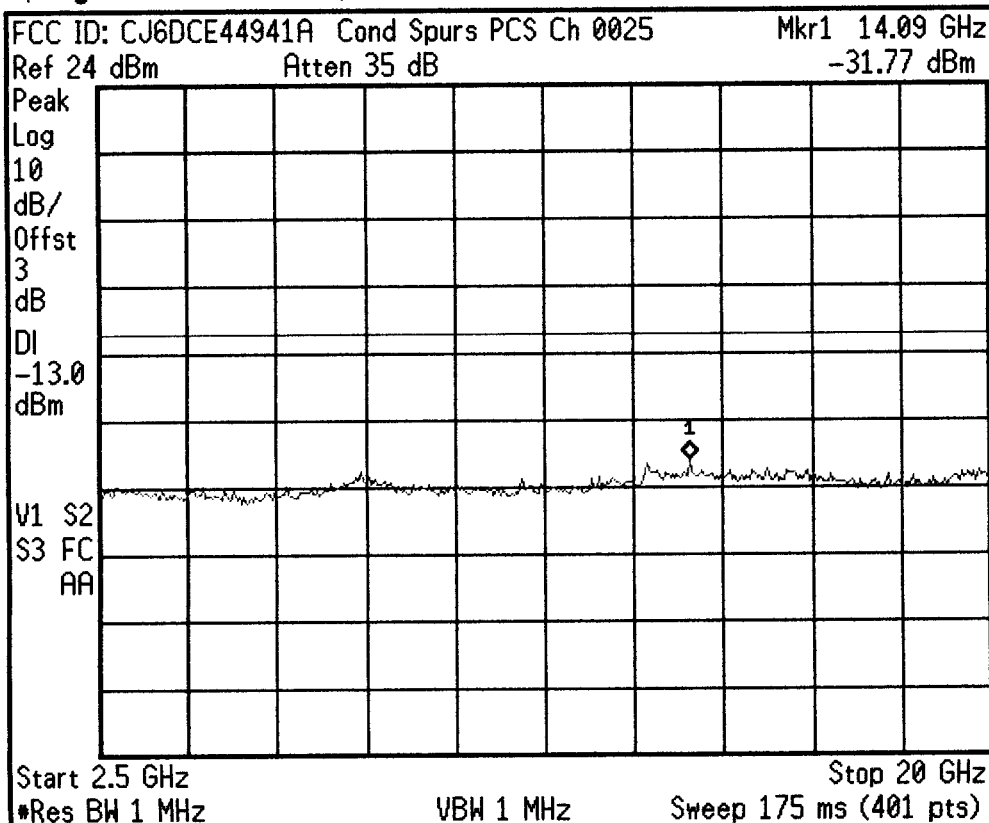
On Off

* Agilent 12:28:15 Sep 6, 2001



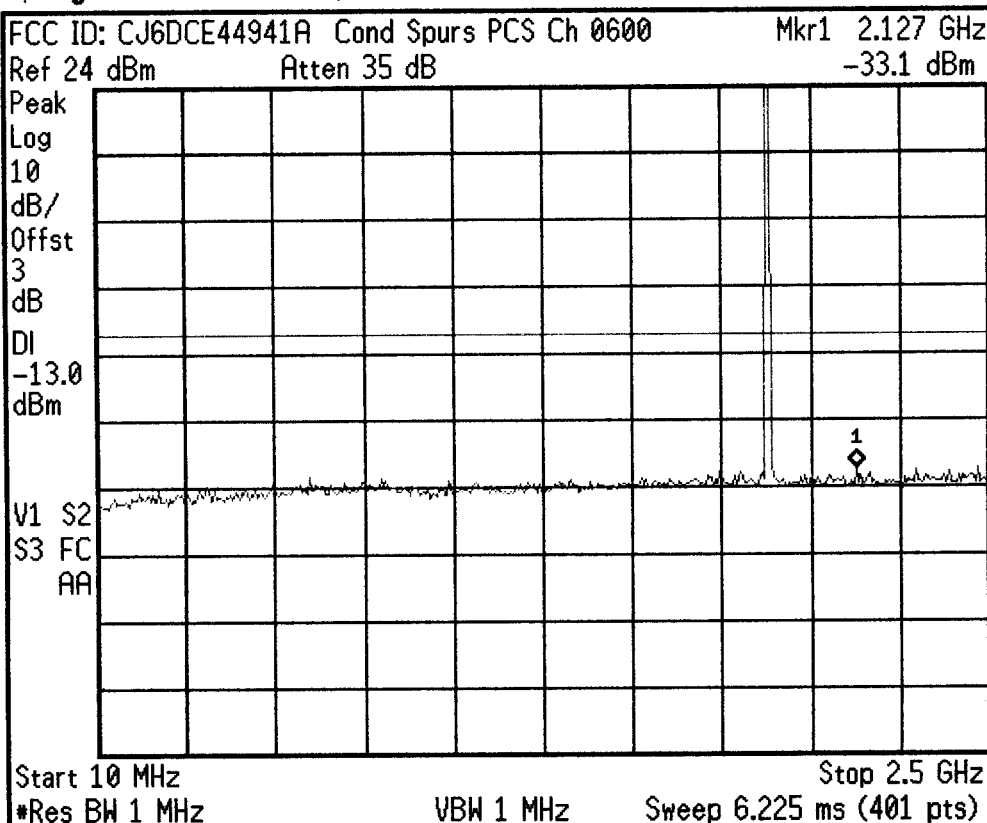
Freq/Channel
Center Freq 1.25500000 GHz
Start Freq 10.0000000 MHz
Stop Freq 2.50000000 GHz
CF Step 249.000000 MHz Auto Man
Freq Offset 0.00000000 Hz
Signal Track On Off

* Agilent 12:29:08 Sep 6, 2001



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

* Agilent 12:30:18 Sep 6, 2001



Freq/Channel

Center Freq
 1.25500000 GHz

Start Freq
 10.0000000 MHz

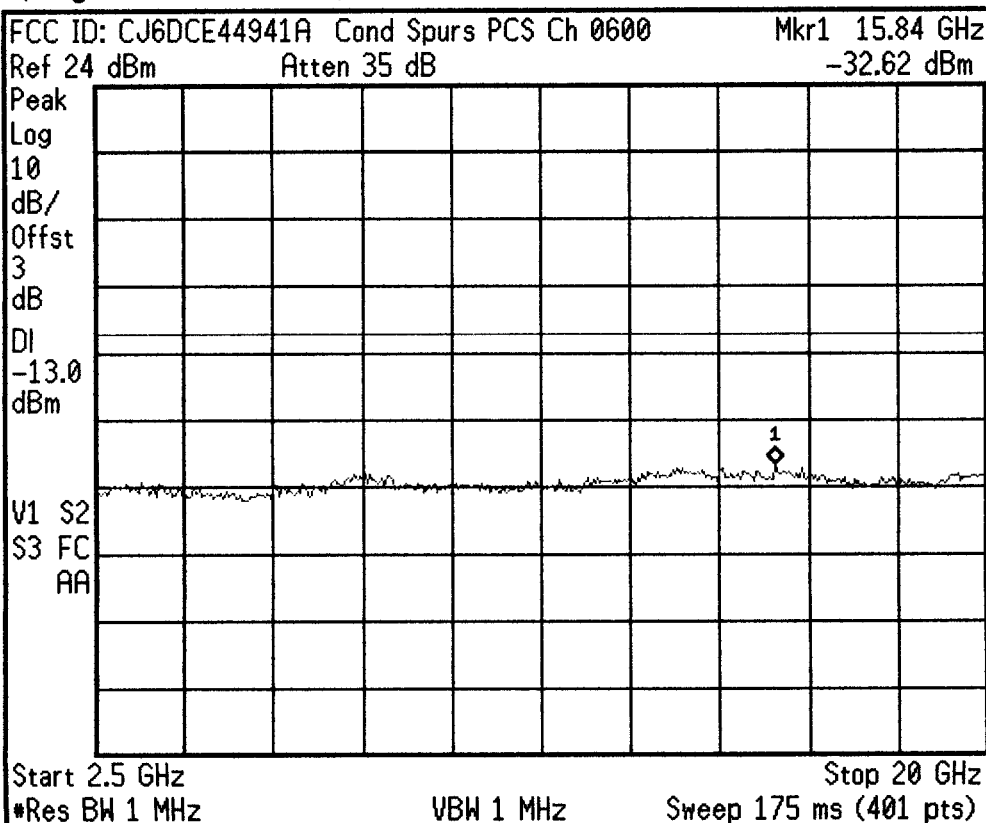
Stop Freq
 2.50000000 GHz

CF Step
 249.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 12:31:11 Sep 6, 2001



Freq/Channel

Center Freq
 11.2500000 GHz

Start Freq
 2.50000000 GHz

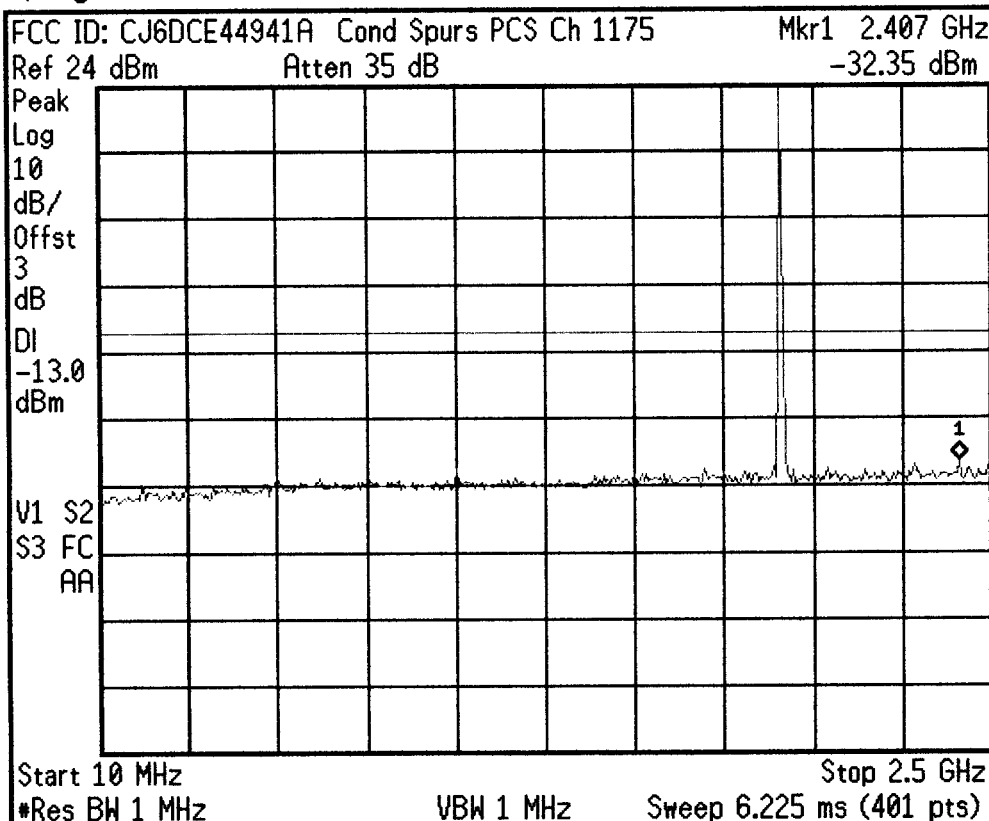
Stop Freq
 20.0000000 GHz

CF Step
 1.75000000 GHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 12:32:59 Sep 6, 2001



Freq/Channel

Center Freq
 1.25500000 GHz

Start Freq
 10.0000000 MHz

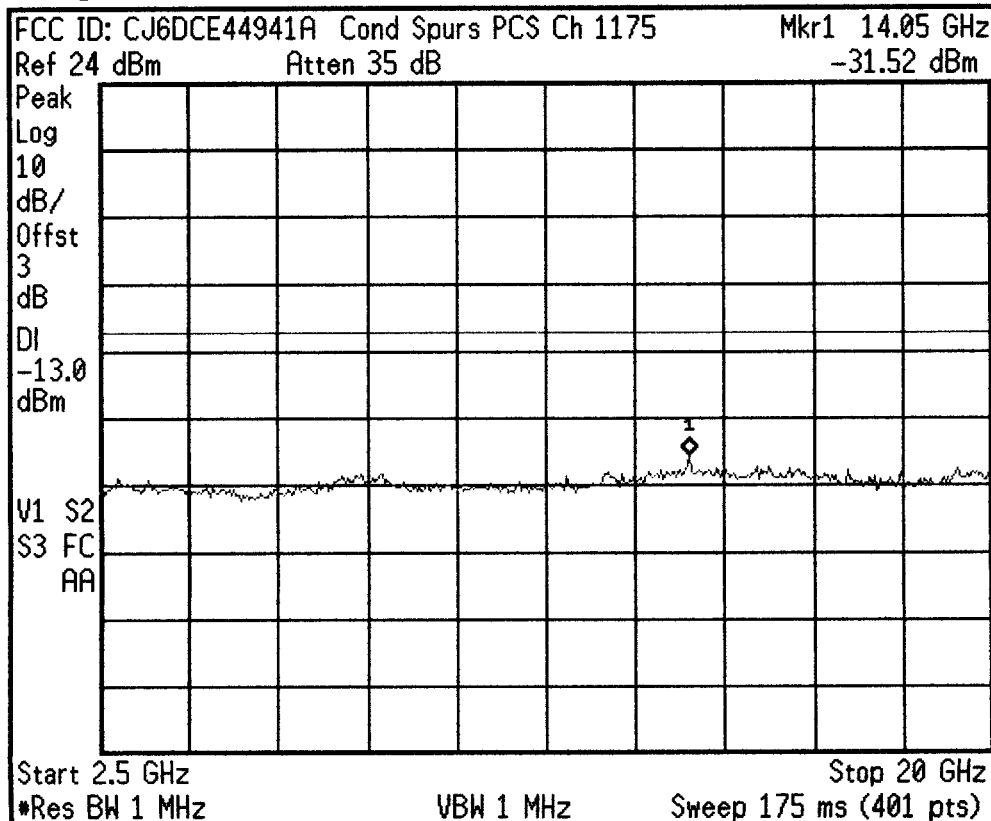
Stop Freq
 2.50000000 GHz

CF Step
 249.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 12:34:20 Sep 6, 2001



Freq/Channel

Center Freq
 11.2500000 GHz

Start Freq
 2.50000000 GHz

Stop Freq
 20.0000000 GHz

CF Step
 1.75000000 GHz
 Auto Man

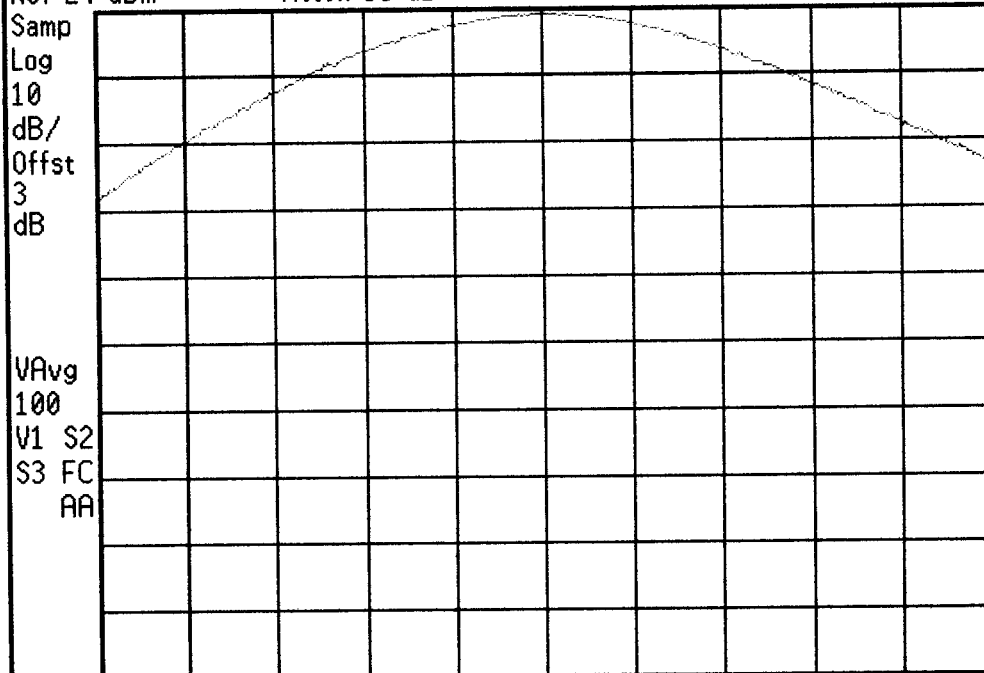
Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 12:37:36 Sep 6, 2001

FCC ID: CJ6DCE44941A POWER OUT PCS Ch. 0600

Ref 24 dBm Atten 35 dB



Center 1.88 GHz

Span 10 MHz

*Res BW 3 MHz

VBW 3 MHz

Sweep 5 ms (401 pts)

Marker

Select Marker

1 2 3 4

Normal

Delta

Band Pair

Start Stop

Span Pair

Span Center

Off

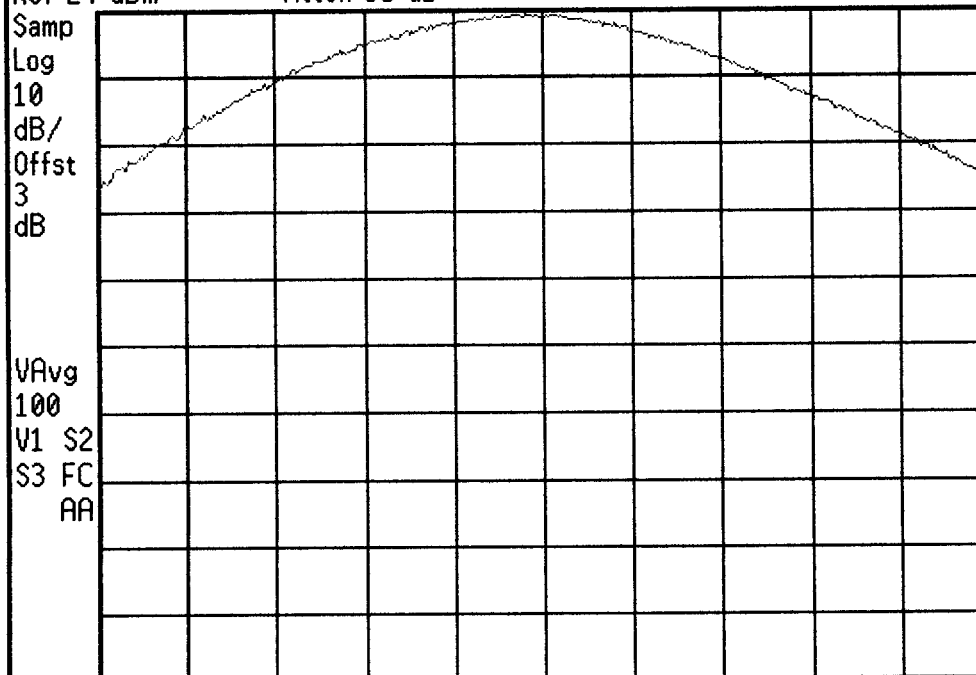
More

1 of 2

* Agilent 12:42:39 Sep 6, 2001

FCC ID: CJ6DCE44941A POWER OUT PCS Ch. 1175

Ref 24 dBm Atten 35 dB



Center 1.909 GHz

Span 10 MHz

*Res BW 3 MHz

VBW 3 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

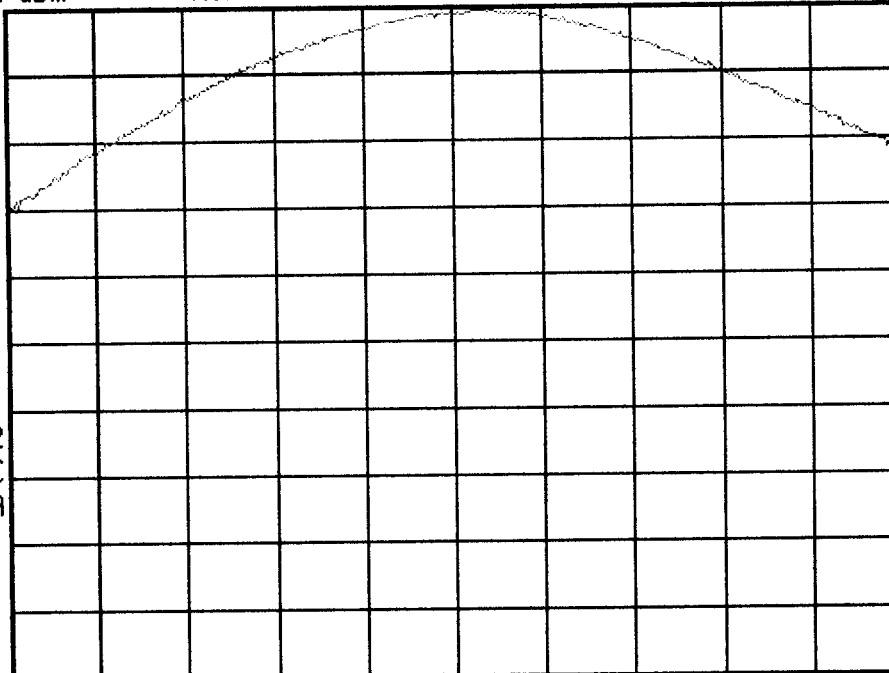
* Agilent 12:43:49 Sep 6, 2001

FCC ID: CJ6DCE44941A POWER OUT PCS Ch. 0025

Ref 24 dBm Atten 35 dB

Samp
Log
10
dB/
Offst
3
dB

VAvg
100
V1 S2
S3 FC
AA



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

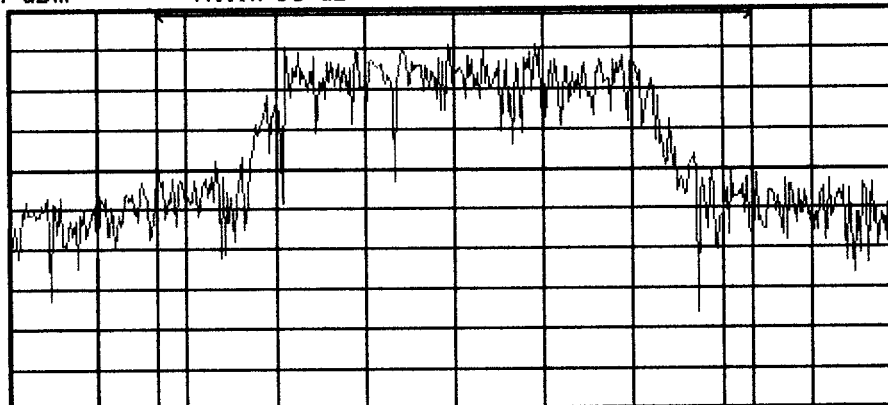
Off

* Agilent 12:45:56 Sep 6, 2001

FCC ID: CJ6DCE44941A POWER OUT PCS Ch. 0025

Ref 24 dBm Atten 35 dB

Samp
Log
10
dB/
Offst
3
dB



Center 1.851 GHz

Span 3 MHz

*Res BW 30 kHz

*VBW 300 kHz

Sweep 9.167 ms (401 pts)

Freq/Channel

Center Freq

1.85100000 GHz

Start Freq

1.84950000 GHz

Stop Freq

1.85250000 GHz

CF Step

300.000000 kHz

Auto

Man

Freq Offset

0.00000000 Hz

Signal Track

On

Off

Channel Power Results (idle)

Channel Power

24.02 dBm

Integration BW

2.000 MHz

Density

-38.99 dBm/Hz

* Agilent 12:52:16 Sep 6, 2001

FCC ID: CJ6DCE44941A BAND EDGE PCS Ch. 1175

Ref 24 dBm

Atten 35 dB

Samp

Log

10

dB/

Offst

3

dB

DI

-13.0

dBm

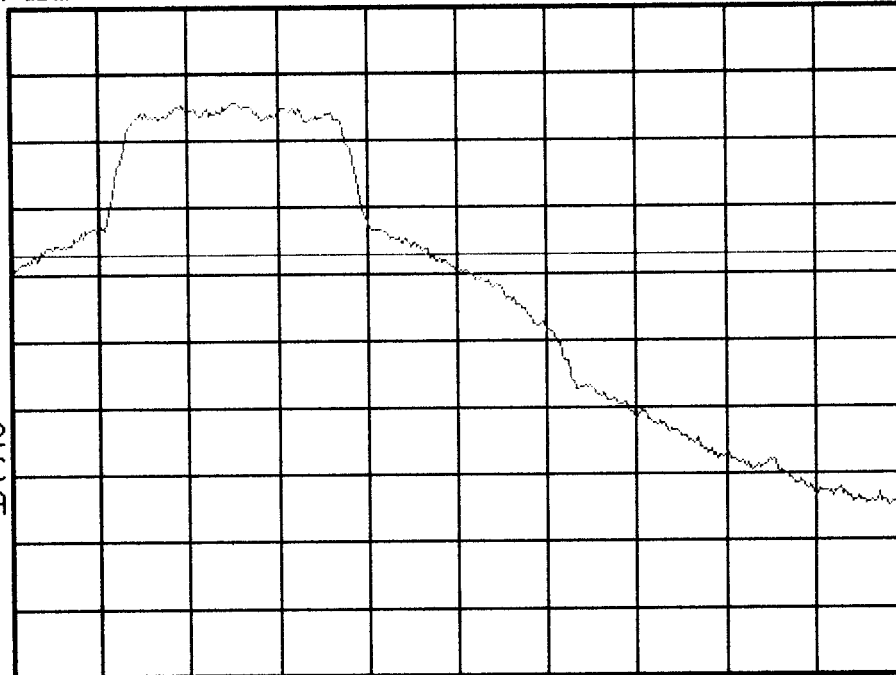
PAvg

100

V1 S2

S3 FC

AA



Center 1.91 GHz

Span 5 MHz

*Res BW 30 kHz

VBW 300 kHz

Sweep 12.08 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 12:55:01 Sep 6, 2001

FCC ID: CJ6DCE44941A BAND EDGE PCS Ch. 0025

Ref 24 dBm

Atten 35 dB

Samp

Log

10

dB/

Offst

3

dB

DI

-13.0

dBm

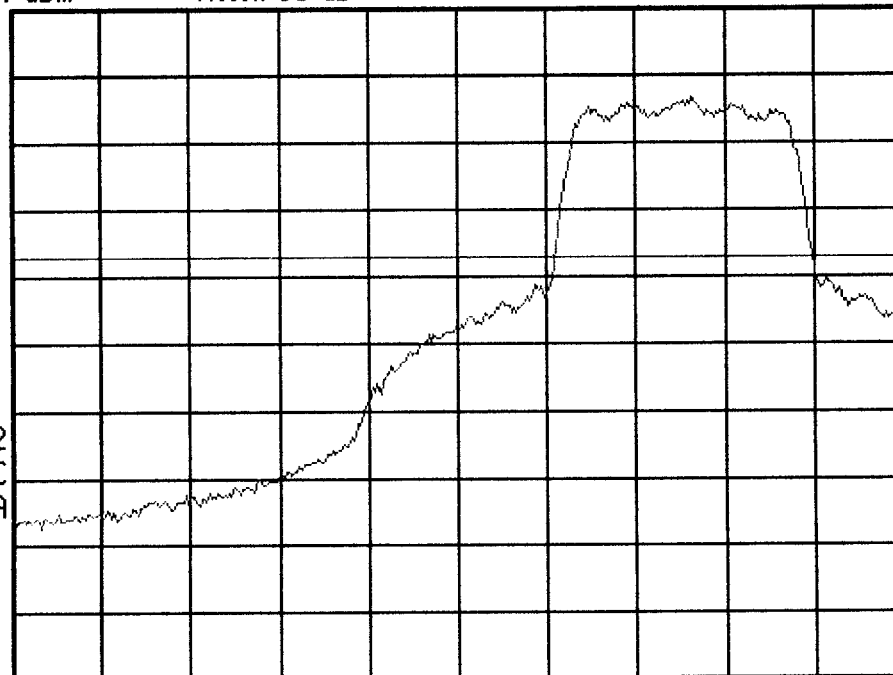
PAvg

100

V1 S2

S3 FC

AA



Center 1.85 GHz

Span 5 MHz

*Res BW 30 kHz

VBW 300 kHz

Sweep 12.08 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

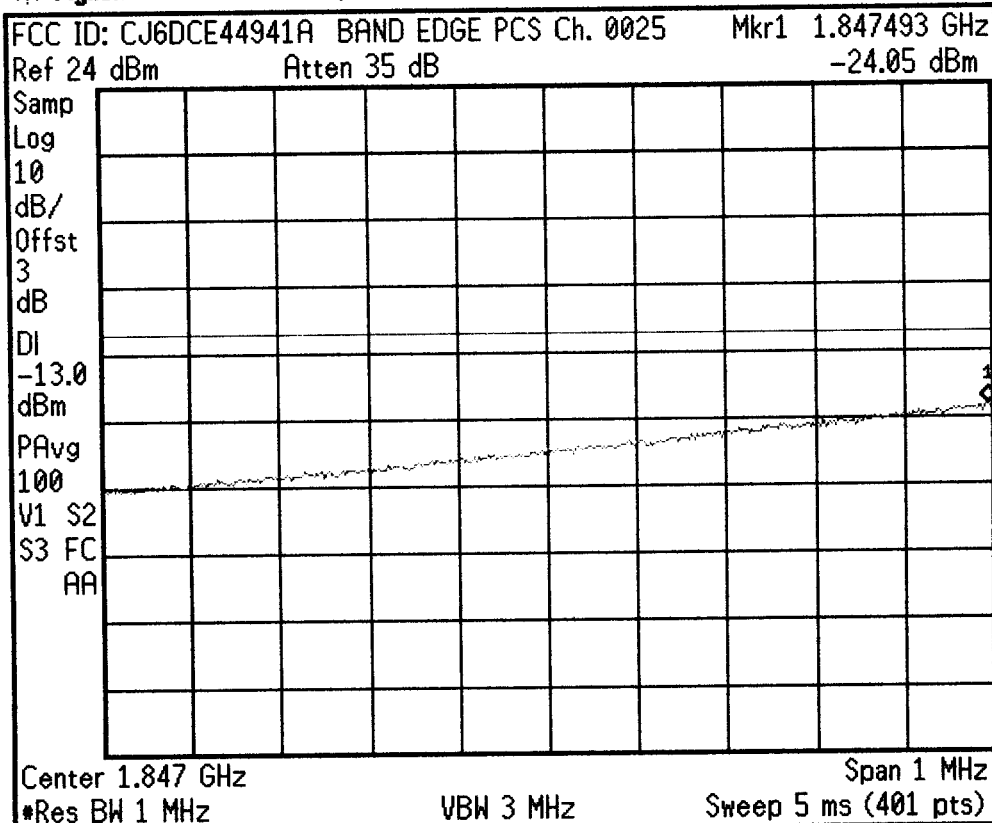
Freq Offset

0.00000000 Hz

Signal Track

On Off

* Agilent 13:18:40 Sep 6, 2001



Freq/Channel

Center Freq
 1.84700000 GHz

Start Freq
 1.84650000 GHz

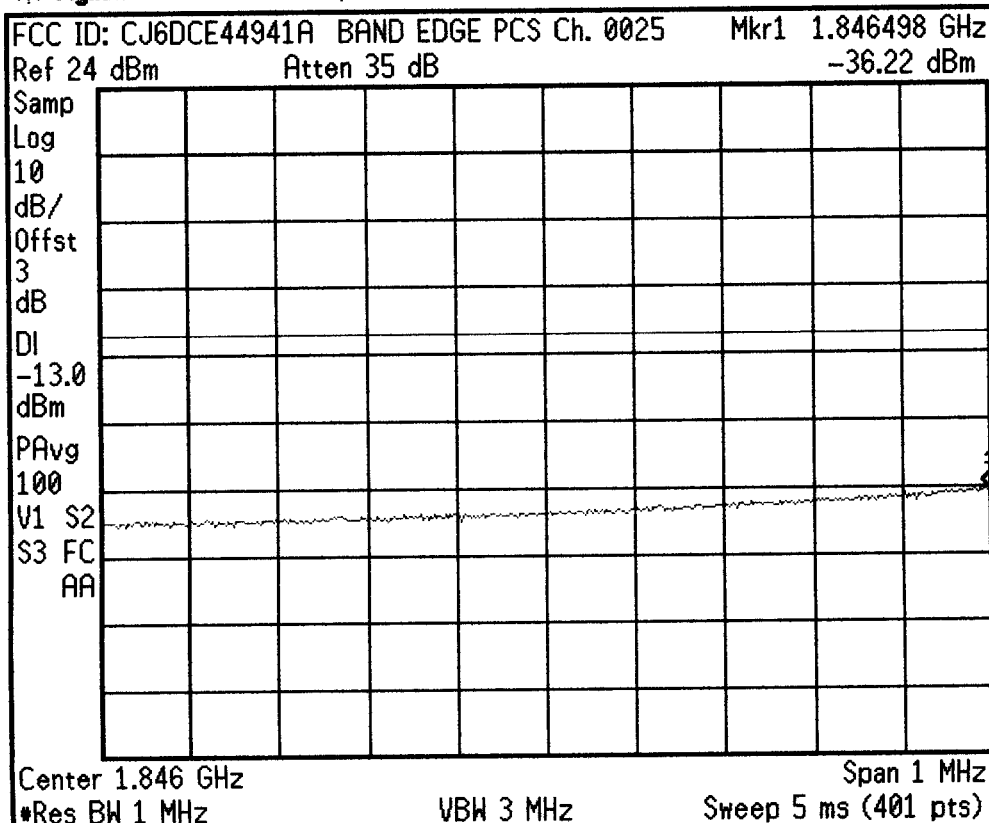
Stop Freq
 1.84750000 GHz

CF Step
 100.000000 kHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 13:20:30 Sep 6, 2001



Freq/Channel

Center Freq
 1.84600000 GHz

Start Freq
 1.84550000 GHz

Stop Freq
 1.84650000 GHz

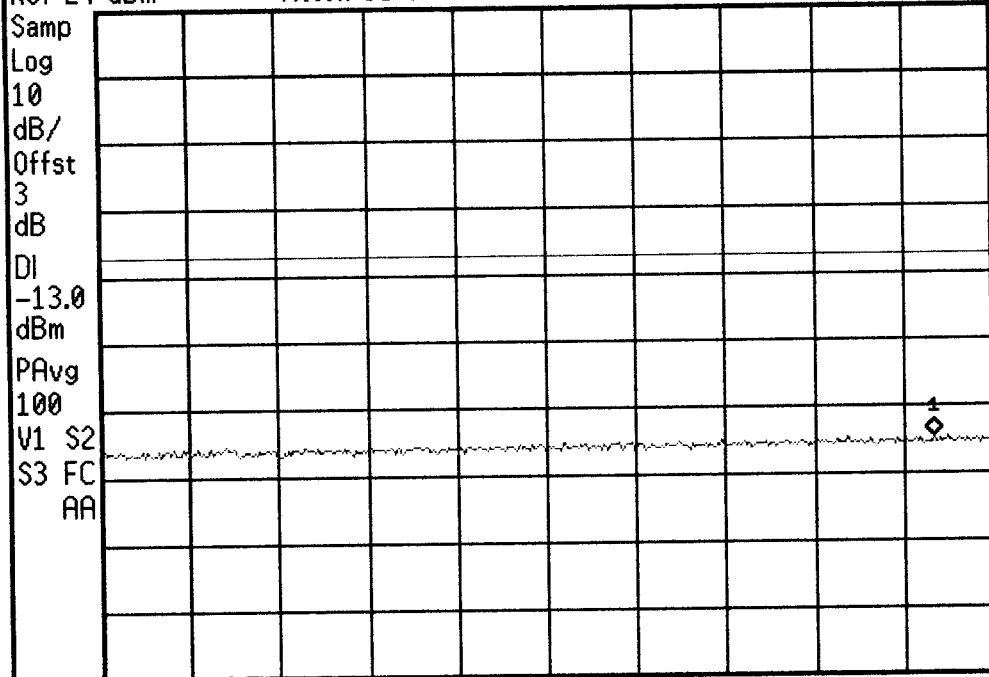
CF Step
 100.000000 kHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 13:21:57 Sep 6, 2001

FCC ID: CJ6DCE44941A BAND EDGE PCS Ch. 0025 Mkr1 1.845433 GHz
Ref 24 dBm Atten 35 dB -40.58 dBm



Center 1.845 GHz Span 1 MHz
*Res BW 1 MHz VBW 3 MHz Sweep 5 ms (401 pts)

Freq/Channel

Center Freq
1.84500000 GHz

Start Freq
1.84450000 GHz

Stop Freq
1.84550000 GHz

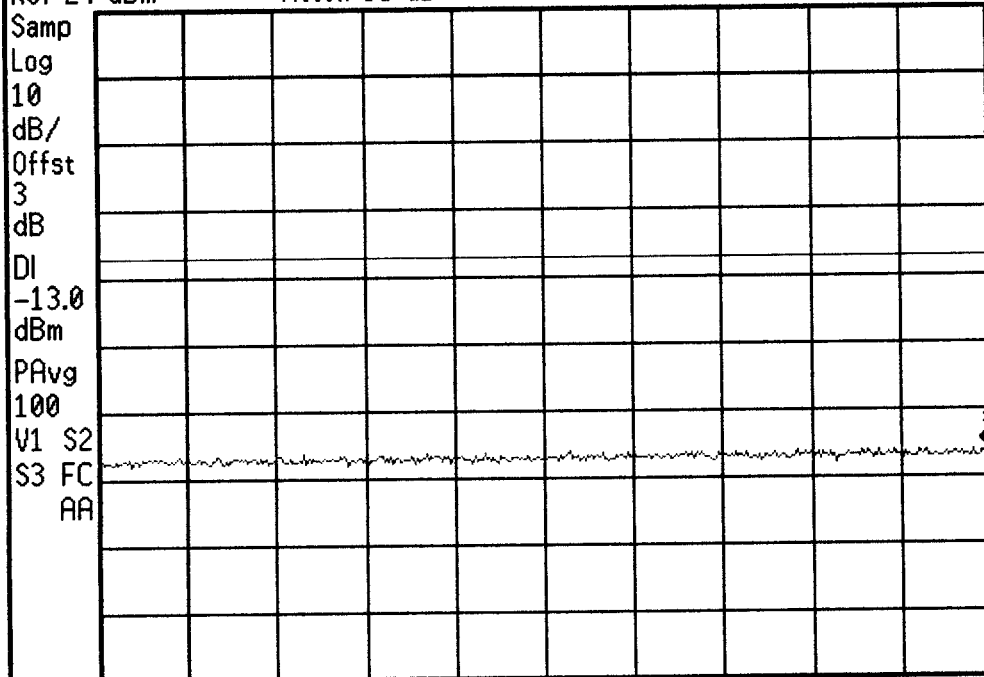
CF Step
100.000000 kHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

* Agilent 13:23:16 Sep 6, 2001

FCC ID: CJ6DCE44941A BAND EDGE PCS Ch. 0025 Mkr1 1.844498 GHz
Ref 24 dBm Atten 35 dB -41.81 dBm



Center 1.844 GHz Span 1 MHz
*Res BW 1 MHz VBW 3 MHz Sweep 5 ms (401 pts)

Freq/Channel

Center Freq
1.84400000 GHz

Start Freq
1.84350000 GHz

Stop Freq
1.84450000 GHz

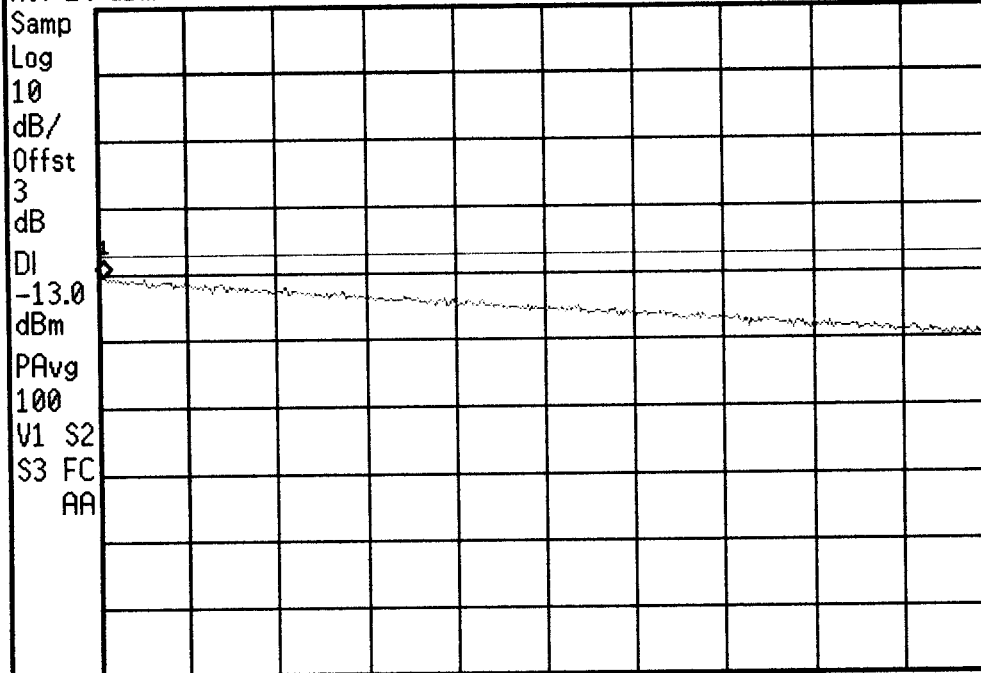
CF Step
100.000000 kHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

* Agilent 13:15:18 Sep 6, 2001

FCC ID: CJ6DCE44941A BAND EDGE PCS Ch. 1175 Mkr1 1.912523 GHz
 Ref 24 dBm Atten 35 dB -16.18 dBm



Center 1.913 GHz Span 1 MHz
 *Res BW 1 MHz VBW 3 MHz Sweep 5 ms (401 pts)

Freq/Channel

Center Freq
 1.91301500 GHz

Start Freq
 1.91251500 GHz

Stop Freq
 1.91351500 GHz

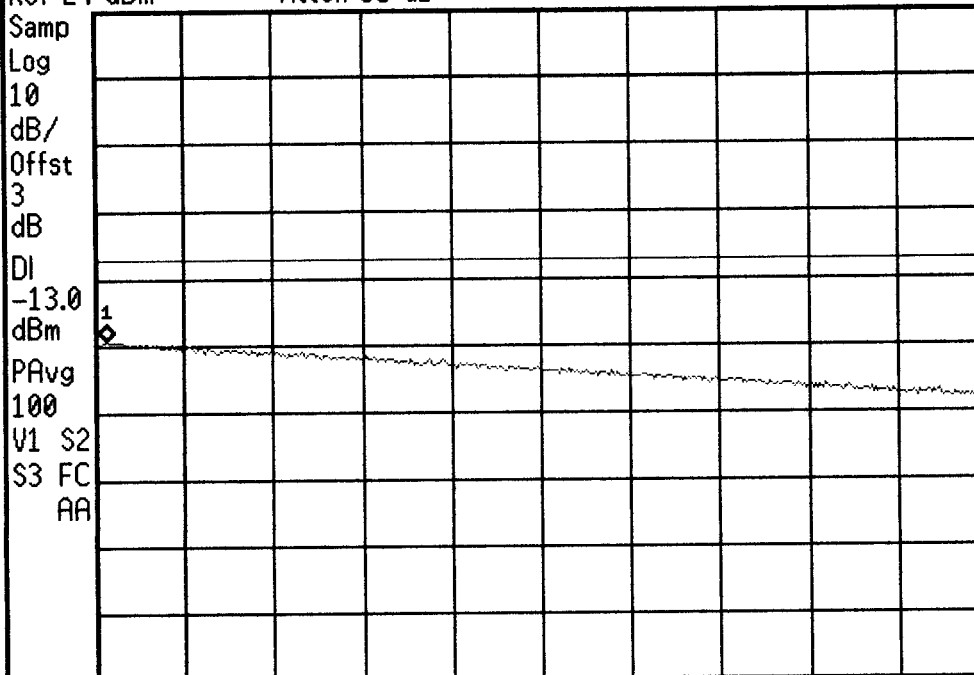
CF Step
 100.000000 kHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 13:16:57 Sep 6, 2001

FCC ID: CJ6DCE44941A BAND EDGE PCS Ch. 1175 Mkr1 1.913513 GHz
 Ref 24 dBm Atten 35 dB -25.27 dBm



Center 1.914 GHz Span 1 MHz
 *Res BW 1 MHz VBW 3 MHz Sweep 5 ms (401 pts)

Freq/Channel

Center Freq
 1.91400000 GHz

Start Freq
 1.91350000 GHz

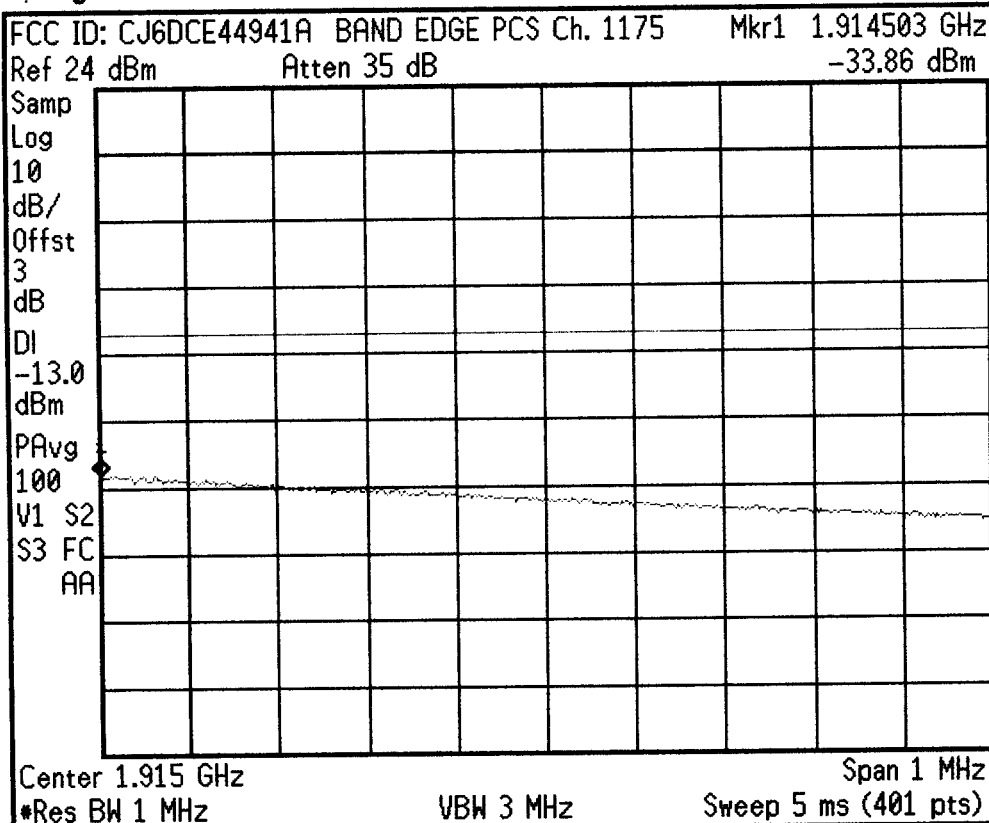
Stop Freq
 1.91450000 GHz

CF Step
 100.000000 kHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 13:11:14 Sep 6, 2001



Freq/Channel

Center Freq
 1.91500000 GHz

Start Freq
 1.91450000 GHz

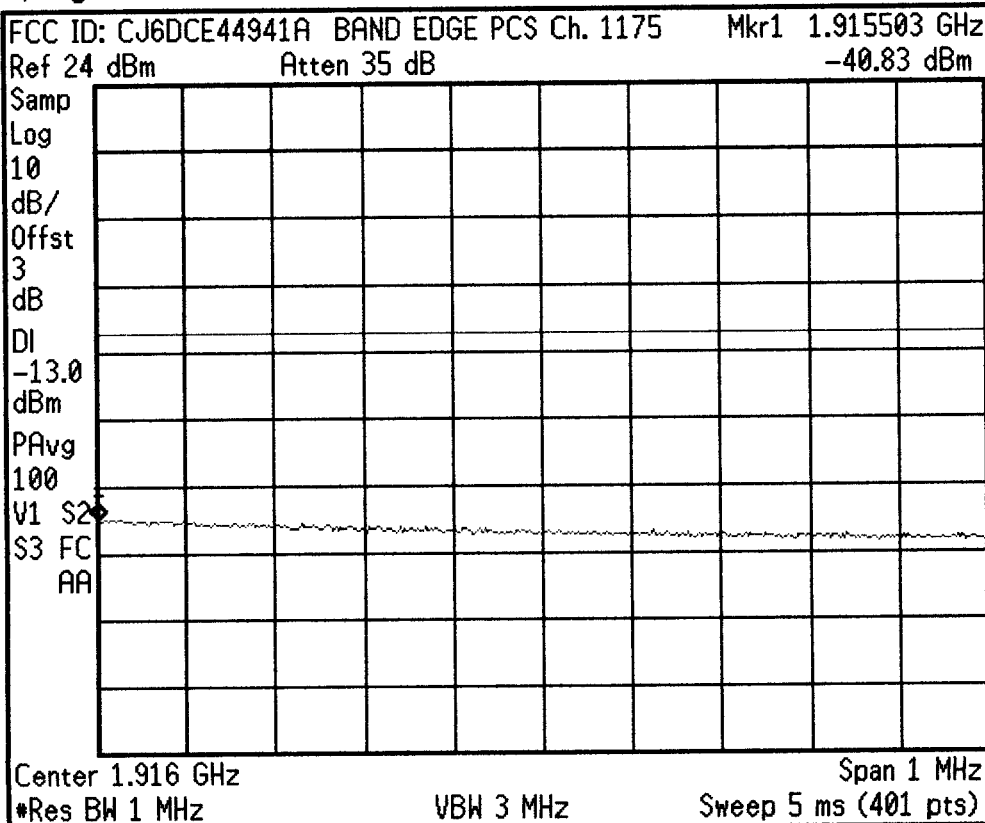
Stop Freq
 1.91550000 GHz

CF Step
 100.000000 kHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 13:13:35 Sep 6, 2001



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 13:35:20 Sep 6, 2001

FCC ID: CJ6DCE44941A POWER OUT PCS Ch 0600

Ref 24 dBm

Atten 35 dB

Samp

Log

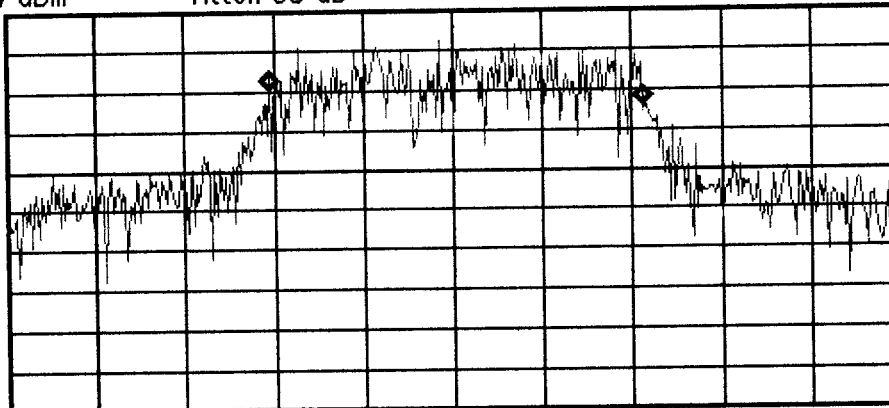
10

dB/

Offst

3

dB



Center 1.88 GHz

Span 3 MHz

*Res BW 30 kHz

*VBW 300 kHz

Sweep 9.167 ms (401 pts)

Occupied Bandwidth Results (Idle)

Occupied Bandwidth

Occ BW % Pwr 99.00 %

1.253 MHz

Transmit Freq Error 9.850 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