

FCC ID:FFMSTAREX-1900BTS C -425

Mkr1 1.95125 GHz

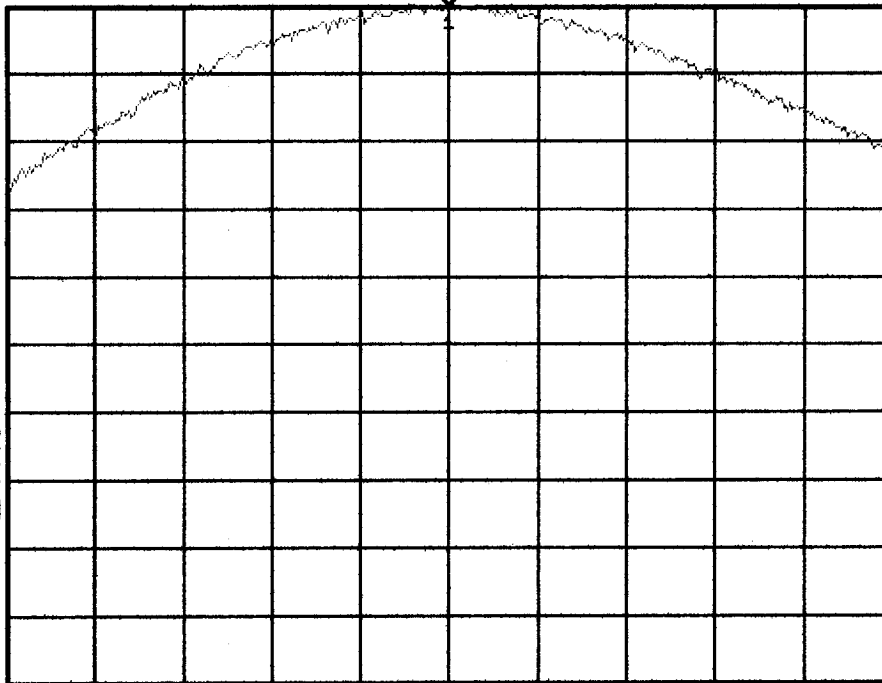
Ref 43 dBm

Atten 20 dB

42.88 dBm

Peak
Log
10
dB/
Offst
38
dB

V1 S2
S3 FC
AA



Center 1.951 GHz

*Res BW 3 MHz

*VBW 3 MHz

Span 10 MHz

Sweep 5 ms

Trace

Trace

1 2 3

Clear Write

Max Hold

Min Hold

View

Blank

More

1 of 2



07:57:25 Sep 7, 1999

FCC ID:FFMSTAREX-1900BTS C-425

Ref 43 dBm

Atten 20 dB

Peak

Log

10

dB/

Offst

38

dB

DI

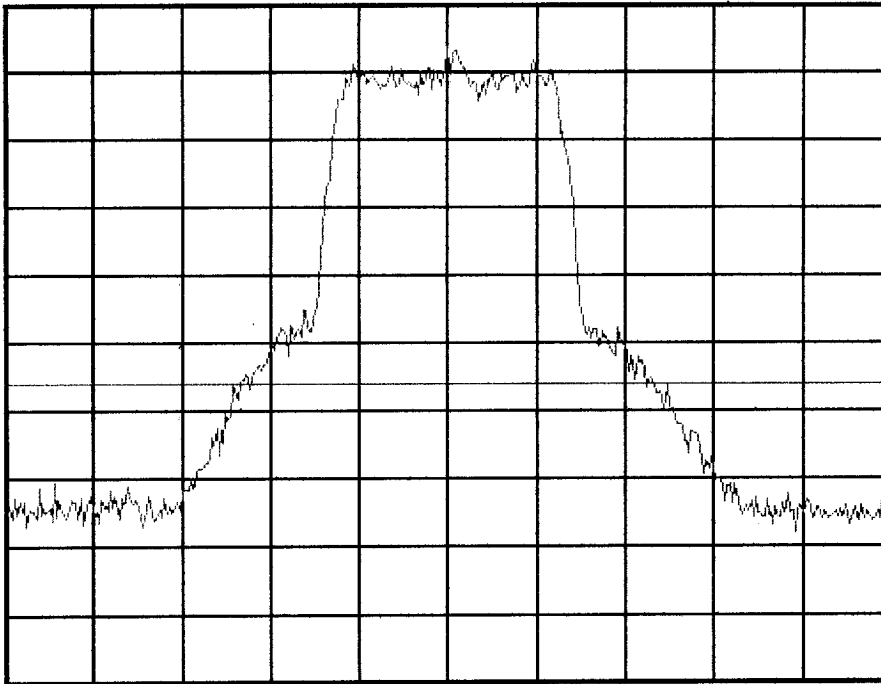
-13.0

dBm

V1 S2

S3 FC

AA



Center 1.951 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



07:35:57 Sep 7, 1999

FCC ID:FFMSTAREX-1900BTS C -425

Mkr1 505.0 MHz

Ref 37.7 dBm

Atten 10 dB

-23.69 dBm

Peak

Log

10

dB/

Offst

38

dB

DI

-13.0

dBm

V1 S2

S3 FC

AA

Start 10 MHz

*Res BW 1 MHz

*VBW 1 MHz

Stop 1 GHz

Sweep 5 ms

Trace

Trace

1

2

3

Clear Write

Max Hold

Min Hold

View

Blank

More

1 of 2



07:20:04 Sep 7, 1999

FCC ID:FFMSTAREX-1900BTS C -425

Mkr1 3.000 GHz

Ref 43 dBm

Atten 20 dB

-15.66 dBm

Peak

Log

10

dB/

Offst

38

dB

DI

-13.0

dBm

V1 S2

S3 FC

AA

Start 1 GHz

*Res BW 1 MHz

*VBW 1 MHz

Stop 5 GHz

Sweep 10 ms

Trace

Trace

1 2 3

Clear Write

Max Hold

Min Hold

View

Blank

More

1 of 2



07:34:07 Sep 7, 1999

FCC ID:FFMSTAREX-1900BTS C -425

Mkr1 12.50 GHz

Ref 37.7 dBm

Atten 10 dB

-23.16 dBm

Peak

Log

10

dB/

Offst

38

dB

DI

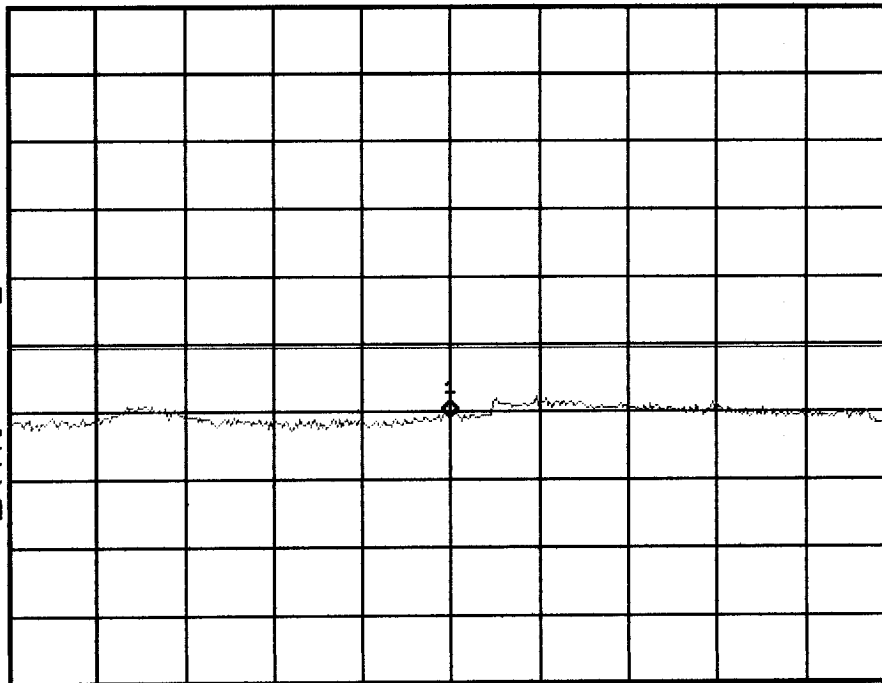
-13.0

dBm

V1 S2

S3 FC

AA



Start 5 GHz

*Res BW 1 MHz

*VBW 1 MHz

Stop 20 GHz

Sweep 150 ms

Trace

Trace

1 2 3

Clear Write

Max Hold

Min Hold

View

Blank

More

1 of 2



08:07:07 Sep 7, 1999

FCC ID:FFMSTAREX-1900BTS C-600

Ref 43 dBm

Atten 20 dB

Peak

Log

10

dB/

Offst

38

dB

DI

-13.0

dBm

V1 S2

S3 FC

AA

Center 1.96 GHz

*Res BW 3 MHz

*VBW 3 MHz

Span 10 MHz

Sweep 5 ms

Trace

Trace

1 2 3

Clear Write

Max Hold

Min Hold

View

Blank

More

1 of 2



08:50:26 Sep 7, 1999

FCC ID:FFMSTAREX-1900BTS C-600

Ref 43 dBm

Atten 20 dB

Samp

Log

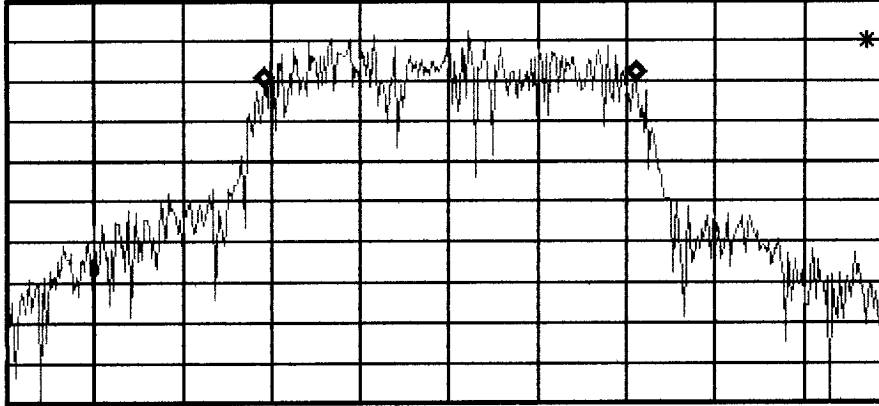
10

dB/

Offst

38

dB



Center 1.96 GHz

*Res BW 30 kHz

*VBW 300 kHz

Span 3 MHz

Sweep 9.167 ms

Occupied Bandwidth Results (Idle)

Occupied Bandwidth

1.250 MHz

Occ BW % Pwr 99.00 %

Transmit Freq Error 6.020 kHz

Trace

Trace

1 2 3

Clear Write

Max Hold

Min Hold

View

Blank

More

1 of 2



08:20:25 Sep 7, 1999

FCC ID:FFMSTAREX-1900BTS C-600

Mkr1 131.3 MHz

Ref 37.77 dBm

Atten 10 dB

-24.96 dBm

Peak

Log

10

dB/

Offst

38

dB

DI

-13.0

dBm

V1 S2

S3 FC

AA

Start 10 MHz

*Res BW 1 MHz

*VBW 1 MHz

Stop 1 GHz

Sweep 5 ms

Trace

Trace

1

2

3

Clear Write

Max Hold

Min Hold

View

Blank

More

1 of 2



08:40:22 Sep 7, 1999

FCC ID:FFMSTAREX-1900BTS C-600

Mkr1 1.860 GHz

Ref 43 dBm

Atten 20 dB

-15.09 dBm

Peak

Log

10

dB/

Offst

38

dB

DI

-13.0

dBm

V1 S2

S3 FC

AA

Start 1 GHz

*Res BW 1 MHz

*VBW 1 MHz

Stop 5 GHz

Sweep 10 ms

Marker

Select Marker

1 2 3 4

Normal

Delta

Band Pair

Start Stop

Span Pair

Span Center

Off

More

1 of 2



08:45:09 Sep 7, 1999

FCC ID:FFMSTAREX-1900BTS C-600

Mkr1 8.23 GHz

Ref 37.77 dBm

Atten 10 dB

-23.41 dBm

Peak

Log

10

dB/

Offst

38

dB

DI

-13.0

dBm

V1 S2

S3 FC

AA

Start 5 GHz

*Res BW 1 MHz

*VBW 1 MHz

Stop 20 GHz

Sweep 150 ms

Freq/Channel

Center Freq
12.5000000 GHz

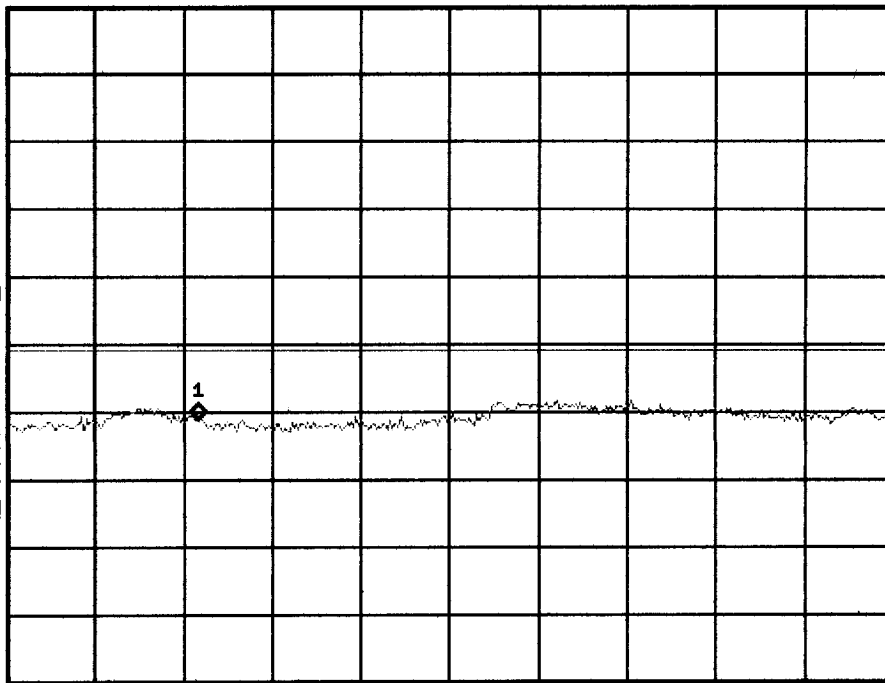
Start Freq
5.00000000 GHz

Stop Freq
20.0000000 GHz

CF Step
1.50000000 GHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off





09:11:16 Sep 7, 1999

FCC ID:FFMSTAREX-1900BTS C-775

Ref 43 dBm

Atten 20 dB

Peak

Log

10

dB/

Offst

38

dB

DI

-13.0

dBm

V1 S2

S3 FC

AA

Center 1.969 GHz

*Res BW 3 MHz

*VBW 3 MHz

Span 10 MHz

Sweep 5 ms

Trace

Trace

1 2 3

Clear Write

Max Hold

Min Hold

View

Blank

More

1 of 2



09:31:16 Sep 7, 1999

FCC ID:FFMSTAREX-1900BTS C-775

Ref 43 dBm

Atten 20 dB

Peak

Log

10

dB/

Offst

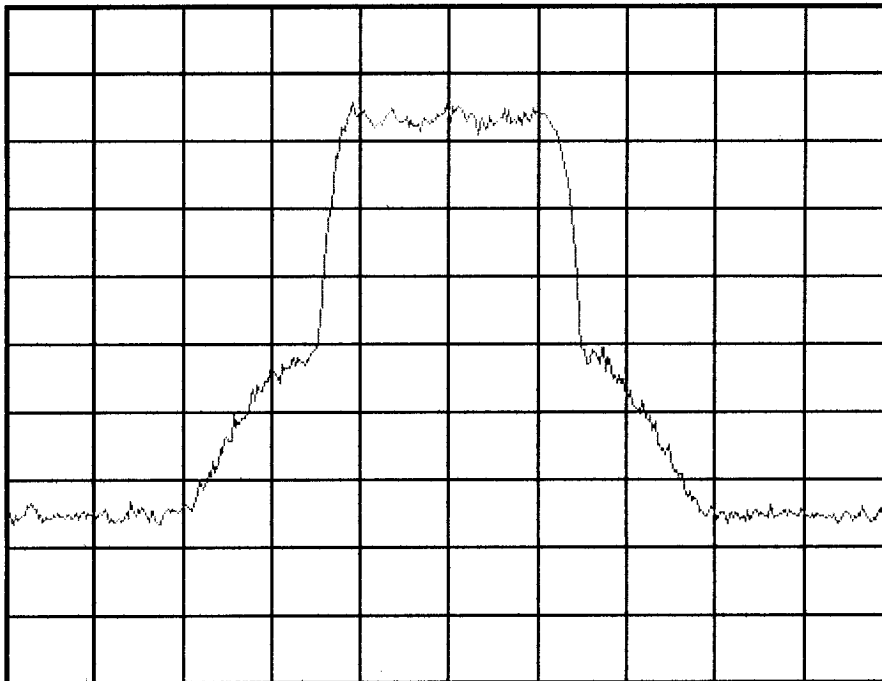
38

dB

V1 S2

S3 FC

AA



Center 1.969 GHz

Span 5 MHz

*Res BW 30 kHz

*VBW 30 kHz

Sweep 13.89 ms

Display

Full Screen>

Display Line

-13.00 dBm

On

Off

Limits>

Title>

Preferences>



09:44:09 Sep 7, 1999

FCC ID:FFMSTAREX-1900BTS C-775

Mkr1 13.93 GHz

Ref 37.77 dBm

Atten 10 dB

-20.73 dBm

Peak

Log

10

dB/

Offset

38

dB

DI

-13.0

dBm

V1 S2

S3 FC

AA

Start 5 GHz

*Res BW 1 MHz

*VBW 1 MHz

Stop 20 GHz

Sweep 150 ms

Marker

Select Marker

1 2 3 4

Normal

Delta

Band Pair

Start Stop

Span Pair

Span Center

Off

More

1 of 2



09:39:20 Sep 7, 1999

FCC ID:FFMSTAREX-1900BTS C-775

Mkr1 2.990 GHz

Ref 43 dBm

Atten 20 dB

-15.31 dBm

Peak

Log

10

dB/

Offst

38

dB

DI

-13.0

dBm

V1 S2

S3 FC

AA

Start 1 GHz

*Res BW 1 MHz

*VBW 1 MHz

Stop 5 GHz

Sweep 10 ms

Trace

Trace

1

2

3

Clear Write

Max Hold

Min Hold

View

Blank

More

1 of 2



09:42:13 Sep 7, 1999

FCC ID:FFMSTAREX-1900BTS C-775

Mkr1 502.5 MHz

Ref 37.77 dBm

Atten 10 dB

-23.49 dBm

Peak

Log

10

dB/

Offst

38

dB

DI

-13.0

dBm

V1 S2

S3 FC

AA

Start 10 MHz

*Res BW 1 MHz

*VBW 1 MHz

Stop 1 GHz

Sweep 5 ms

Trace

Trace

1

2

3

Clear Write

Max Hold

Min Hold

View

Blank

More

1 of 2

(hp) 06:43:47 Sep 8, 1999

FCC ID:FFMSTAREX-1900BTS C-425

Mkr1 1.950013 GHz

Ref 43 dBm

Atten 20 dB

-16.59 dBm

Peak

Log

10

dB/

Offst

38

dB

DI

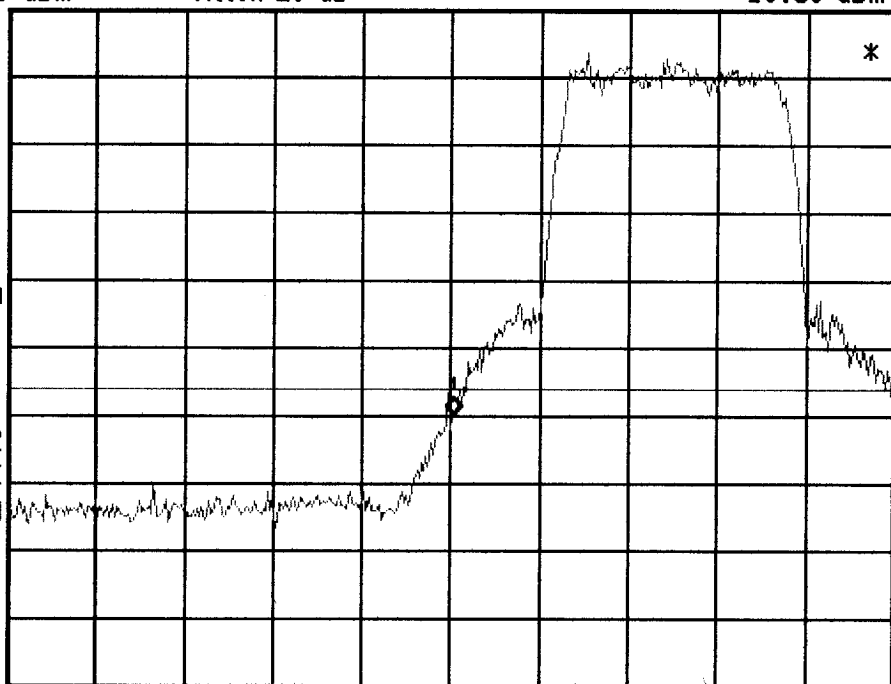
-13.0

dBm

V1 S2

S3 FC

AA



Center 1.95 GHz

Span 5 MHz

*Res BW 30 kHz

VBW 30 kHz

Sweep 13.89 ms

Freq/Channel

Center Freq

1.95000000 GHz

Start Freq

1.94750000 GHz

Stop Freq

1.95250000 GHz

CF Step

1.95125000 GHz

Auto Man

Freq Offset

0.00000000 Hz

Signal Track

On Off



07:19:21 Sep 8, 1999

FCC ID:FFMSTAREX-1900BTS C-425

Mkr1 1.947493 GHz

Ref 43 dBm

Atten 20 dB

-18.41 dBm

Peak

Log

10

dB/

Offst

38

dB

DI

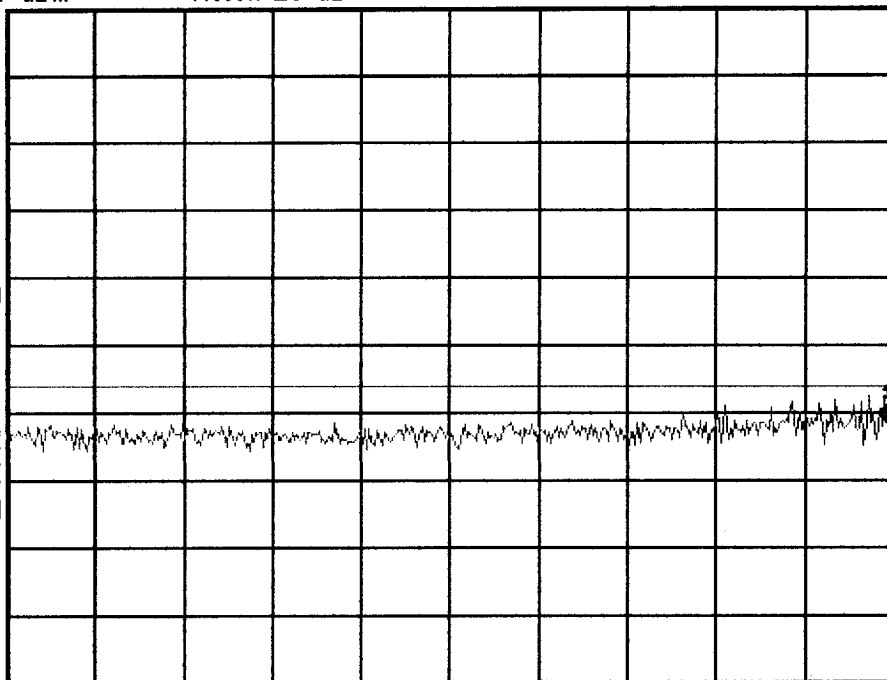
-13.0

dBm

V1 S2

S3 FC

AA



Center 1.947 GHz

*Res BW 1 MHz

VBW 1 MHz

Span 1 MHz

Sweep 5 ms

Freq/Channel

Center Freq

1.94700000 GHz

Start Freq

1.94650000 GHz

Stop Freq

1.94750000 GHz

CF Step

1.00000000 MHz

Auto

Man

Freq Offset

0.00000000 Hz

Signal Track

On

Off



07:08:58 Sep 8, 1999

FCC ID:FFMSTAREX-1900BTS C-425

Mkr1 1.946490 GHz

Ref 43 dBm

Atten 20 dB

-18.84 dBm

Peak

Log

10

dB/

Offst

38

dB

DI

-13.0

dBm

V1 S2

S3 FC

AA

Center 1.946 GHz

*Res BW 1 MHz

VBW 1 MHz

Span 1 MHz

Sweep 5 ms

Freq/Channel

Center Freq

1.94600000 GHz

Start Freq

1.94550000 GHz

Stop Freq

1.94650000 GHz

CF Step

1.00000000 MHz

Auto

Man

Freq Offset

0.00000000 Hz

Signal Track

On

Off



07:22:06 Sep 8, 1999

FCC ID:FFMSTAREX-1900BTS C-425

Mkr1 1.945493 GHz

Ref 43 dBm

Atten 20 dB

-17.8 dBm

Peak

Log

10

dB/

Offst

38

dB

DI

-13.0

dBm

V1 S2

S3 FC

AA

Center 1.945 GHz

*Res BW 1 MHz

VBW 1 MHz

Span 1 MHz

Sweep 5 ms

Freq/Channel

Center Freq

1.94500000 GHz

Start Freq

1.94450000 GHz

Stop Freq

1.94550000 GHz

CF Step

1.00000000 MHz

Auto

Man

Freq Offset

0.00000000 Hz

Signal Track

On

Off



07:23:53 Sep 8, 1999

FCC ID:FFMSTAREX-1900BTS C-425

Mkr1 1.944493 GHz

Ref 43 dBm

Atten 20 dB

-17.49 dBm

Peak

Log

10

dB/

Offst

38

dB

DI

-13.0

dBm

V1 S2

S3 FC

AA

Center 1.944 GHz

*Res BW 1 MHz

VBW 1 MHz

Span 1 MHz

Sweep 5 ms

Freq/Channel

Center Freq

1.94400000 GHz

Start Freq

1.94350000 GHz

Stop Freq

1.94450000 GHz

CF Step

1.00000000 MHz

Auto

Man

Freq Offset

0.00000000 Hz

Signal Track

On

Off



07:32:38 Sep 8, 1999

FCC ID:FFMSTAREX-1900BTS C-775

Mkr1 1.970000 GHz

Ref 43 dBm

Atten 20 dB

-22.33 dBm

Peak

Log

10

dB/

Offst

38

dB

DI

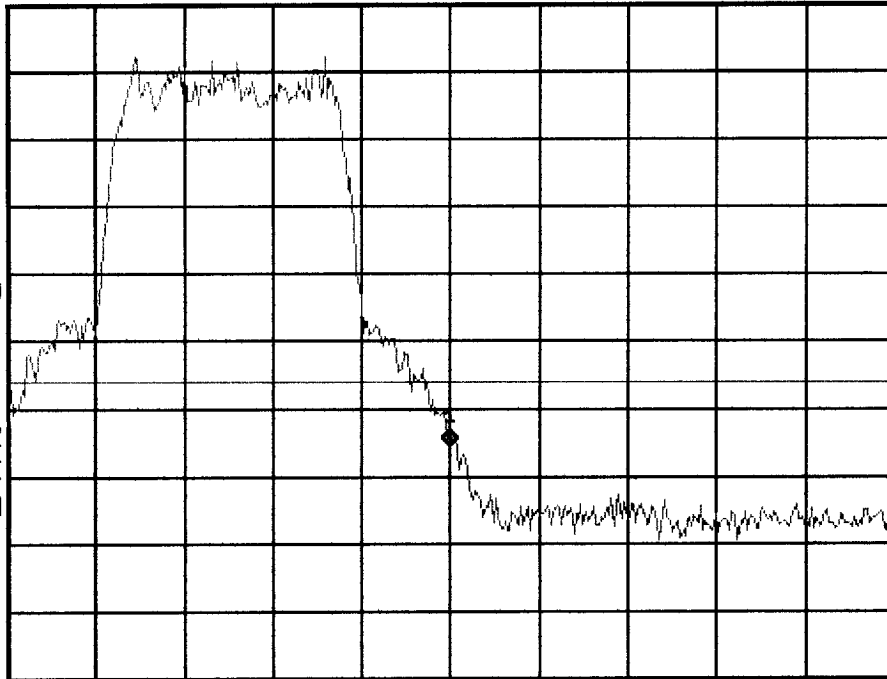
-13.0

dBm

V1 S2

S3 FC

AA



Center 1.97 GHz

Span 5 MHz

Res BW 30 kHz

VBW 30 kHz

Sweep 13.89 ms

Freq/Channel

Center Freq

1.97000000 GHz

Start Freq

1.96750000 GHz

Stop Freq

1.97250000 GHz

CF Step

1.00000000 MHz

Auto

Man

Freq Offset

0.00000000 Hz

Signal Track

On

Off



07:43:24 Sep 8, 1999

FCC ID:FFMSTAREX-1900BTS C-775

Mkr1 1.972520 GHz

Ref 43 dBm

Atten 20 dB

-14.08 dBm

Peak

Log

10

dB/

Offst

38

dB

DI

-13.0

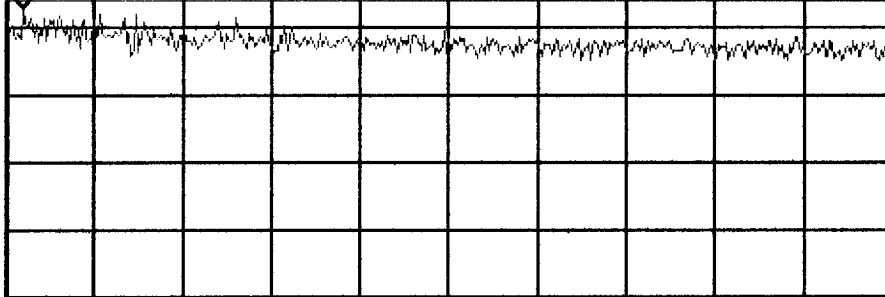
dBm

1

V1 S2

S3 FC

AA



Start 1.972 GHz

Stop 1.974 GHz

*Res BW 1 MHz

VBW 1 MHz

Sweep 5 ms

Freq/Channel

Center Freq

1.97300000 GHz

Start Freq

1.97250000 GHz

Stop Freq

1.97350000 GHz

CF Step

1.00000000 MHz

Auto

Man

Freq Offset

0.00000000 Hz

Signal Track

On

Off



07:46:13 Sep 8, 1999

FCC ID:FFMSTAREX-1900BTS C-775

Mkr1 1.973610 GHz

Ref 43 dBm

Atten 20 dB

-16.11 dBm

Peak

Log

10

dB/

Offst

38

dB

DI

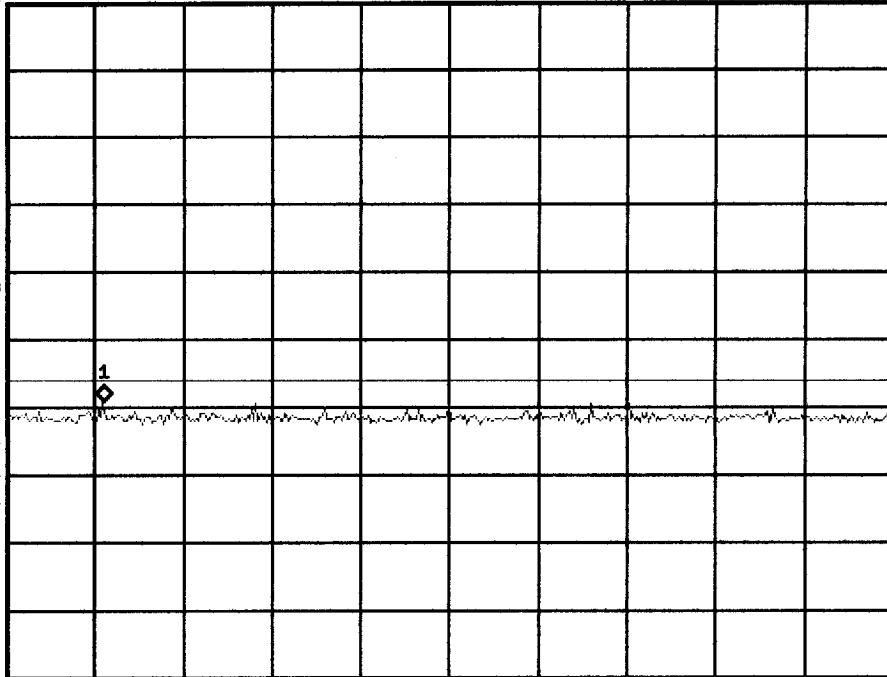
-13.0

dBm

V1 S2

S3 FC

AA



Start 1.974 GHz

Stop 1.974 GHz

*Res BW 1 MHz

VBW 1 MHz

Sweep 5 ms

Freq/Channel

Center Freq

1.97400000 GHz

Start Freq

1.97350000 GHz

Stop Freq

1.97450000 GHz

CF Step

1.00000000 MHz

Auto

Man

Freq Offset

0.00000000 Hz

Signal Track

On

Off



07:52:03 Sep 8, 1999

FCC ID:FFMSTAREX-1900BTS C-775

Mkr1 1.974610 GHz

Ref 43 dBm

Atten 20 dB

-19.71 dBm

Peak

Log

10

dB/

Offst

38

dB

DI

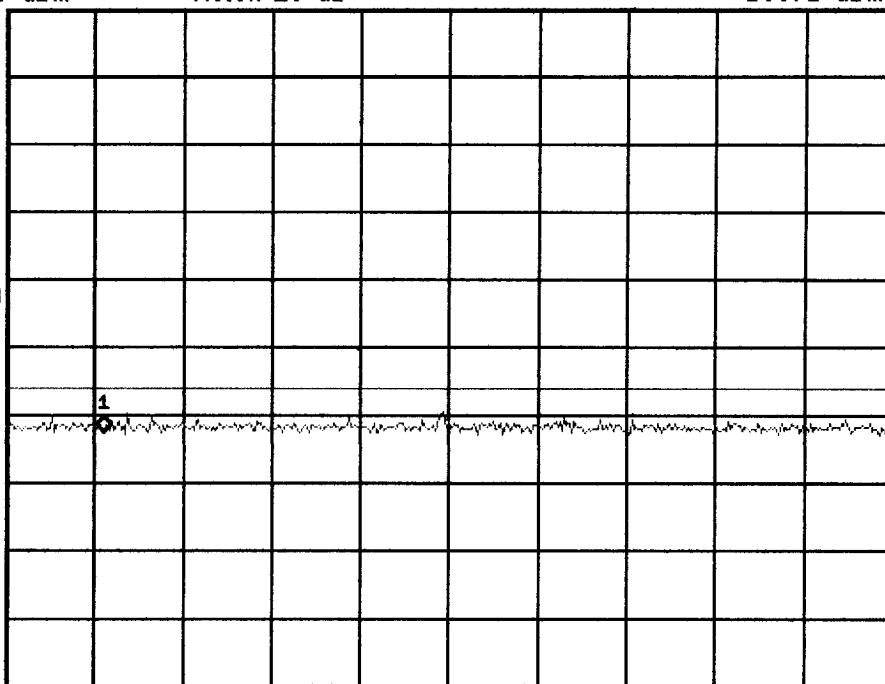
-13.0

dBm

V1 S2

S3 FC

AA



Start 1.974 GHz

Stop 1.976 GHz

*Res BW 1 MHz

VBW 1 MHz

Sweep 5 ms

Freq/Channel

Center Freq

1.97500000 GHz

Start Freq

1.97450000 GHz

Stop Freq

1.97550000 GHz

CF Step

1.00000000 MHz

Auto

Man

Freq Offset

0.00000000 Hz

Signal Track

On

Off



07:55:25 Sep 8, 1999

FCC ID:FFMSTAREX-1900BTS C-775

Mkr1 1.975610 GHz

Ref 43 dBm

Atten 20 dB

-19.06 dBm

Peak

Log

10

dB/

Offst

38

dB

DI

-13.0

dBm

V1 S2

S3 FC

AA

Start 1.976 GHz

*Res BW 1 MHz

VBW 1 MHz

Stop 1.976 GHz

Sweep 5 ms

Freq/Channel

Center Freq

1.97600000 GHz

Start Freq

1.97550000 GHz

Stop Freq

1.97650000 GHz

CF Step

1.00000000 MHz

Auto

Man

Freq Offset

0.00000000 Hz

Signal Track

On

Off