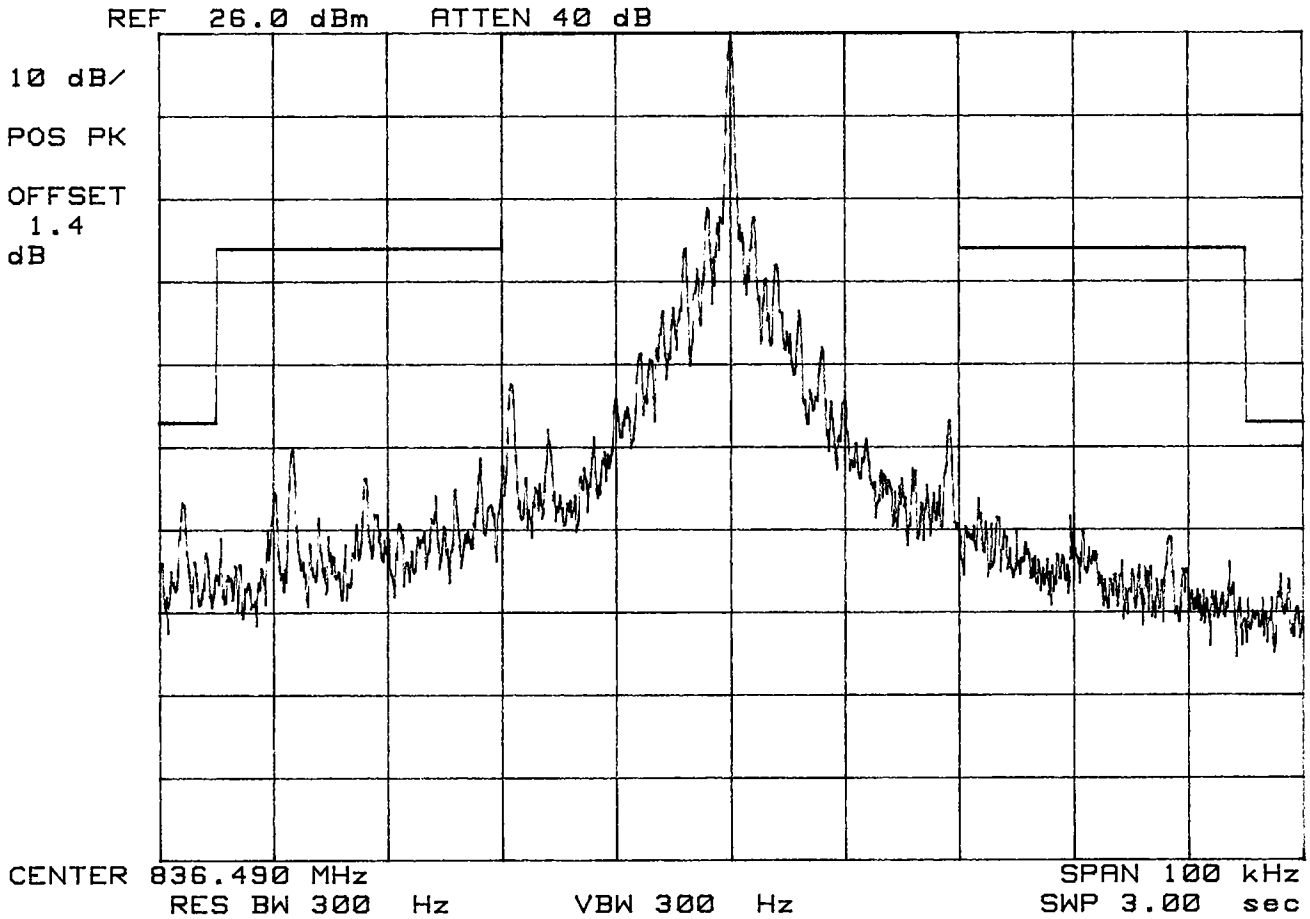
PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSPHA460
SAMSUNG
Tri-Mode Phone
FM Channel 0383
Operating Frequency: 836.490 MHz
Output Power : 26.0 dBm

Test Mode:Unmodulated Signal

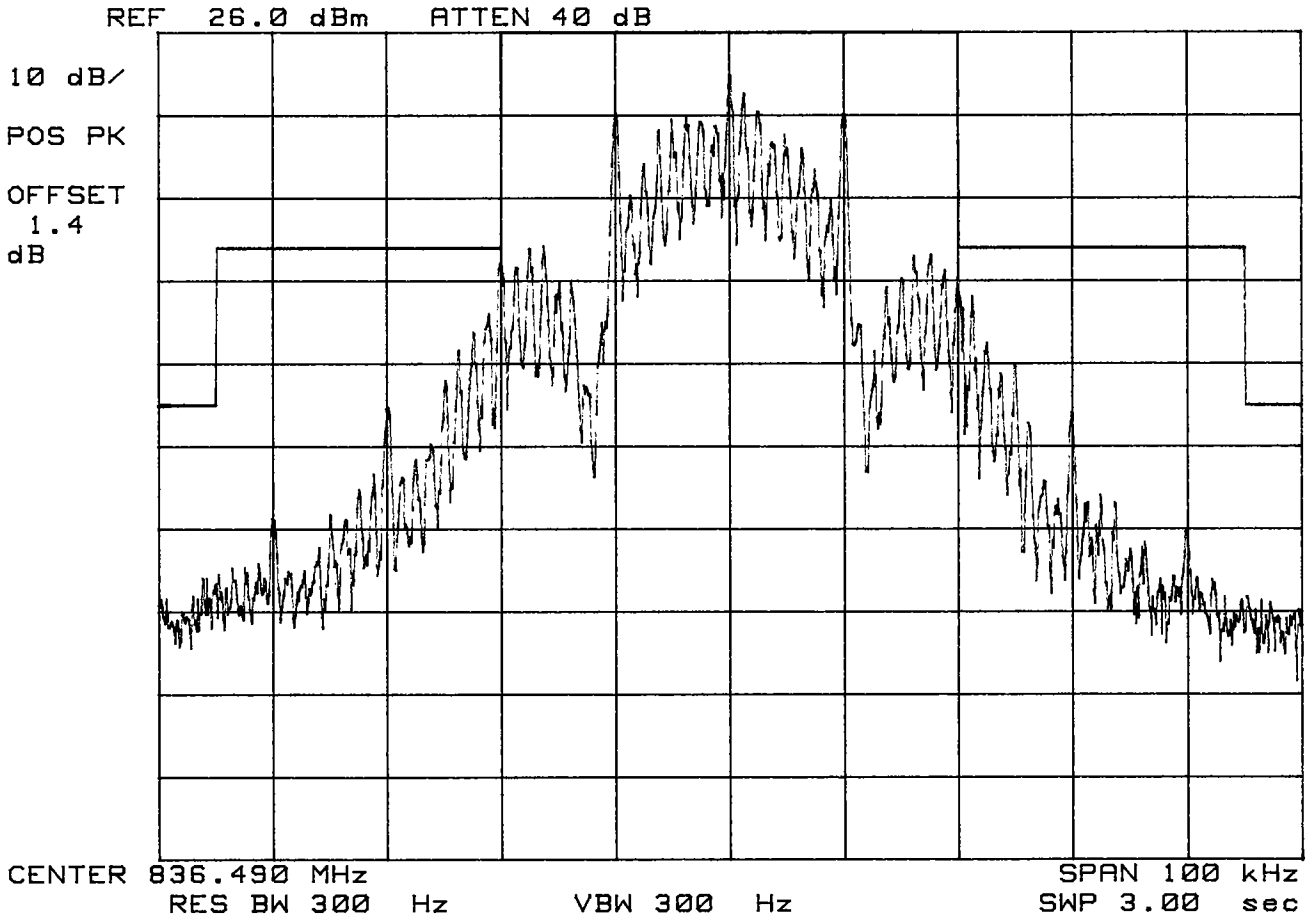


PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSPHA460
SAMSUNG
Tri-Mode Phone
FM Channel 0383
Operating Frequency: 836.490 MHz
Output Power : 26.0 dBm

Test Mode:Wide Band Data

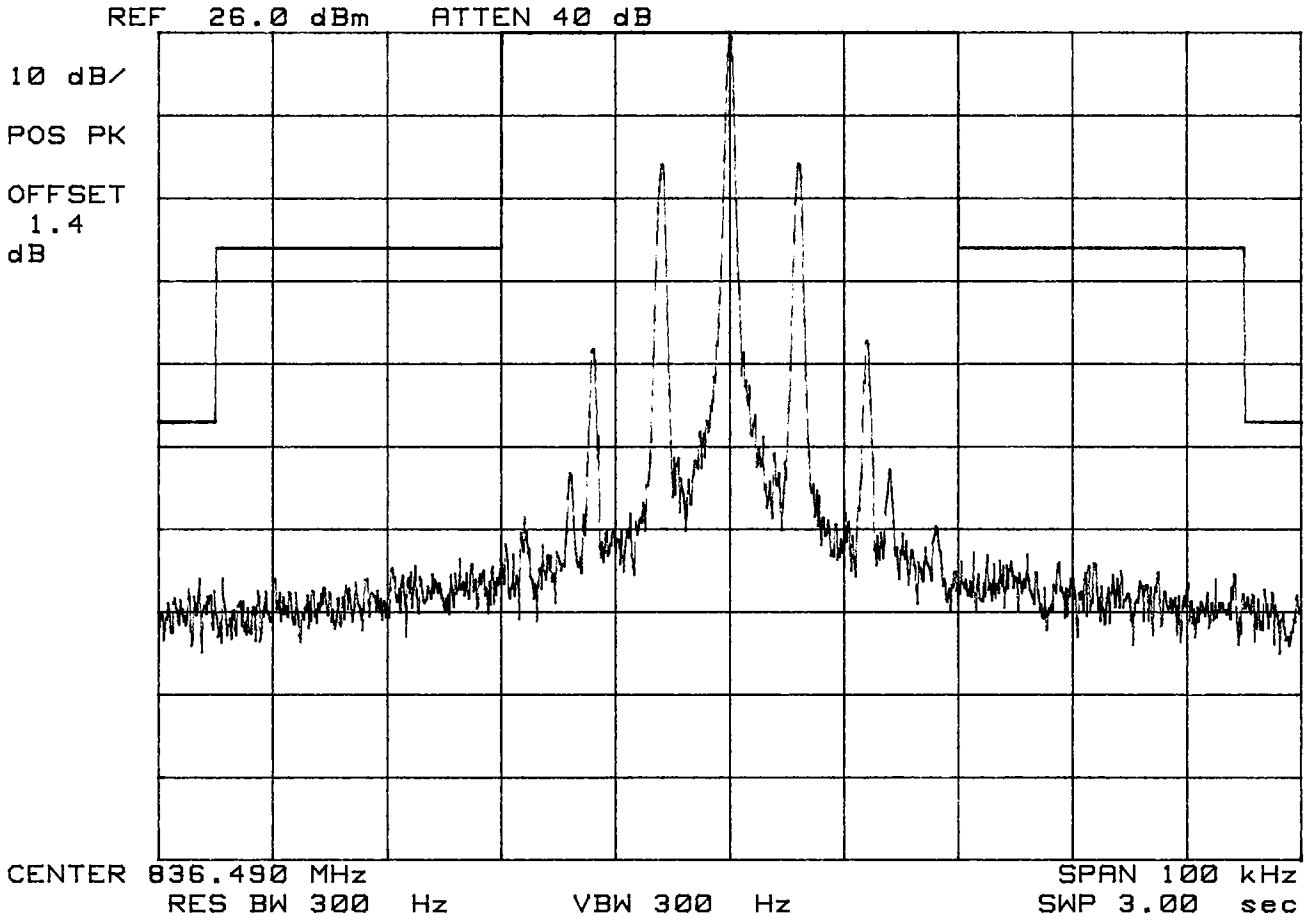


PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSPHA460
SAMSUNG
Tri-Mode Phone
FM Channel 0383
Operating Frequency: 836.490 MHz
Output Power : 26.0 dBm

Test Mode:SAT

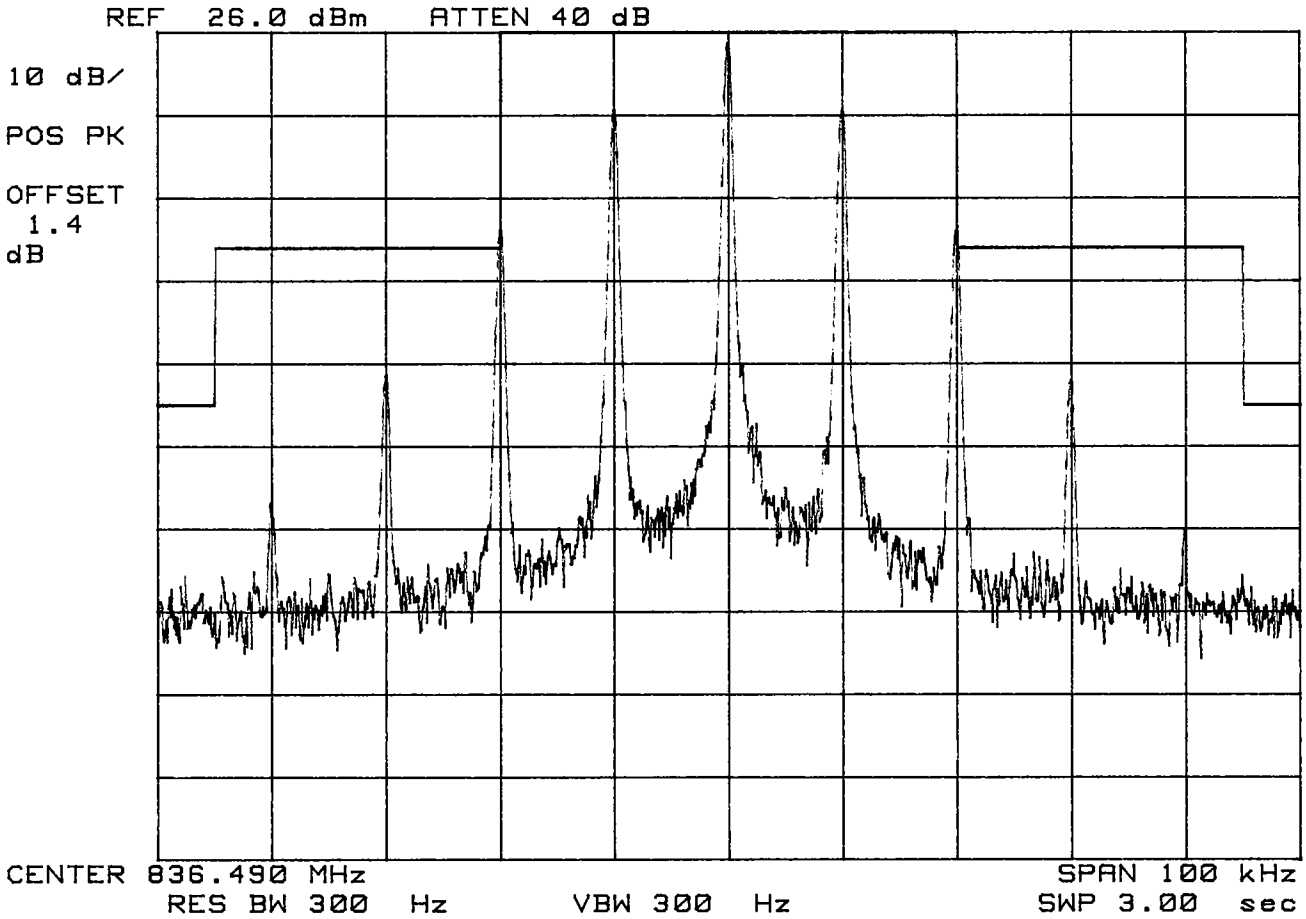


PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSPHA460
SAMSUNG
Tri-Mode Phone
FM Channel 0383
Operating Frequency: 836.490 MHz
Output Power : 26.0 dBm

Test Mode:ST

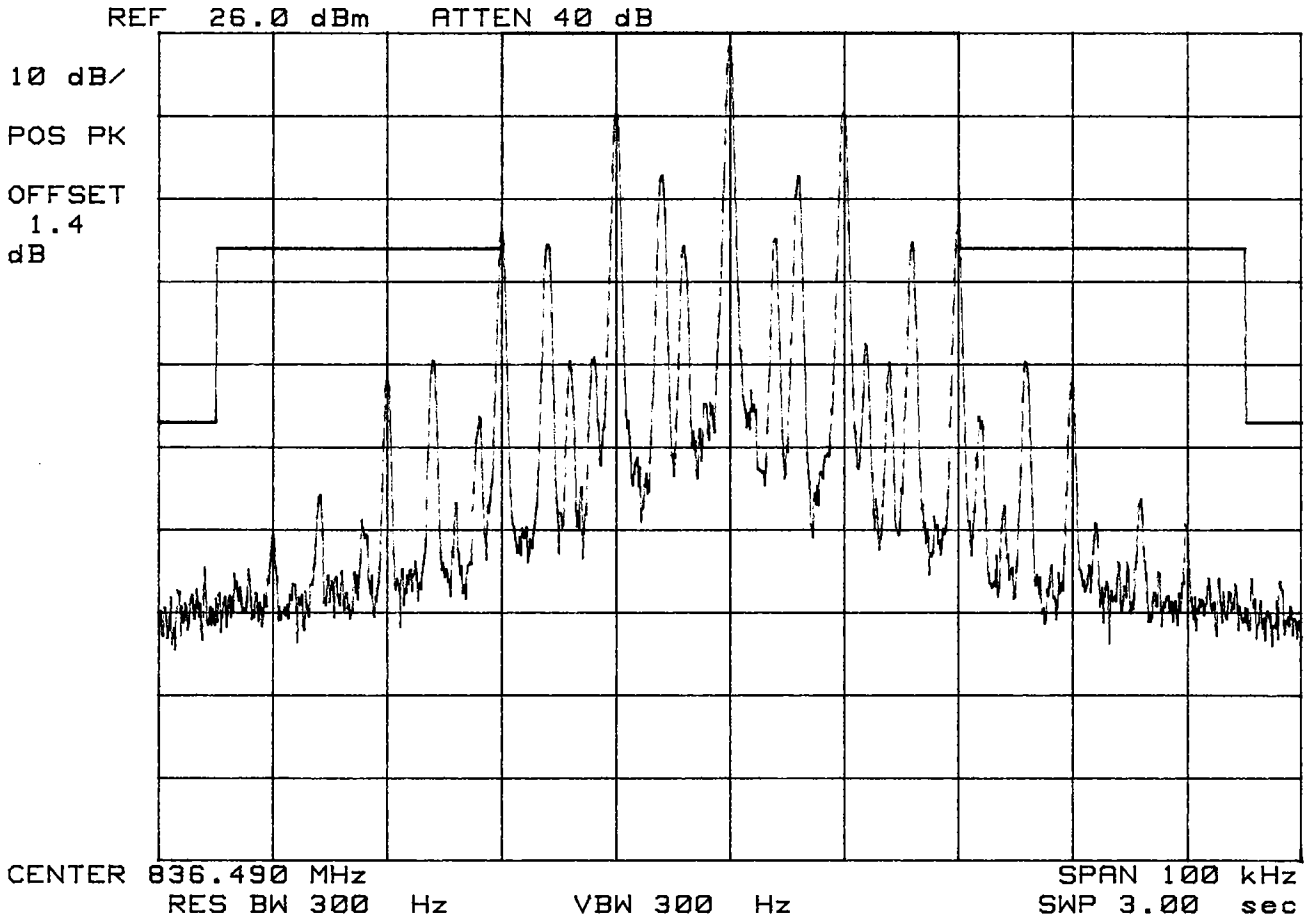


PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSPHA460
SAMSUNG
Tri-Mode Phone
FM Channel 0383
Operating Frequency: 836.490 MHz
Output Power : 26.0 dBm

Test Mode:SAT + ST

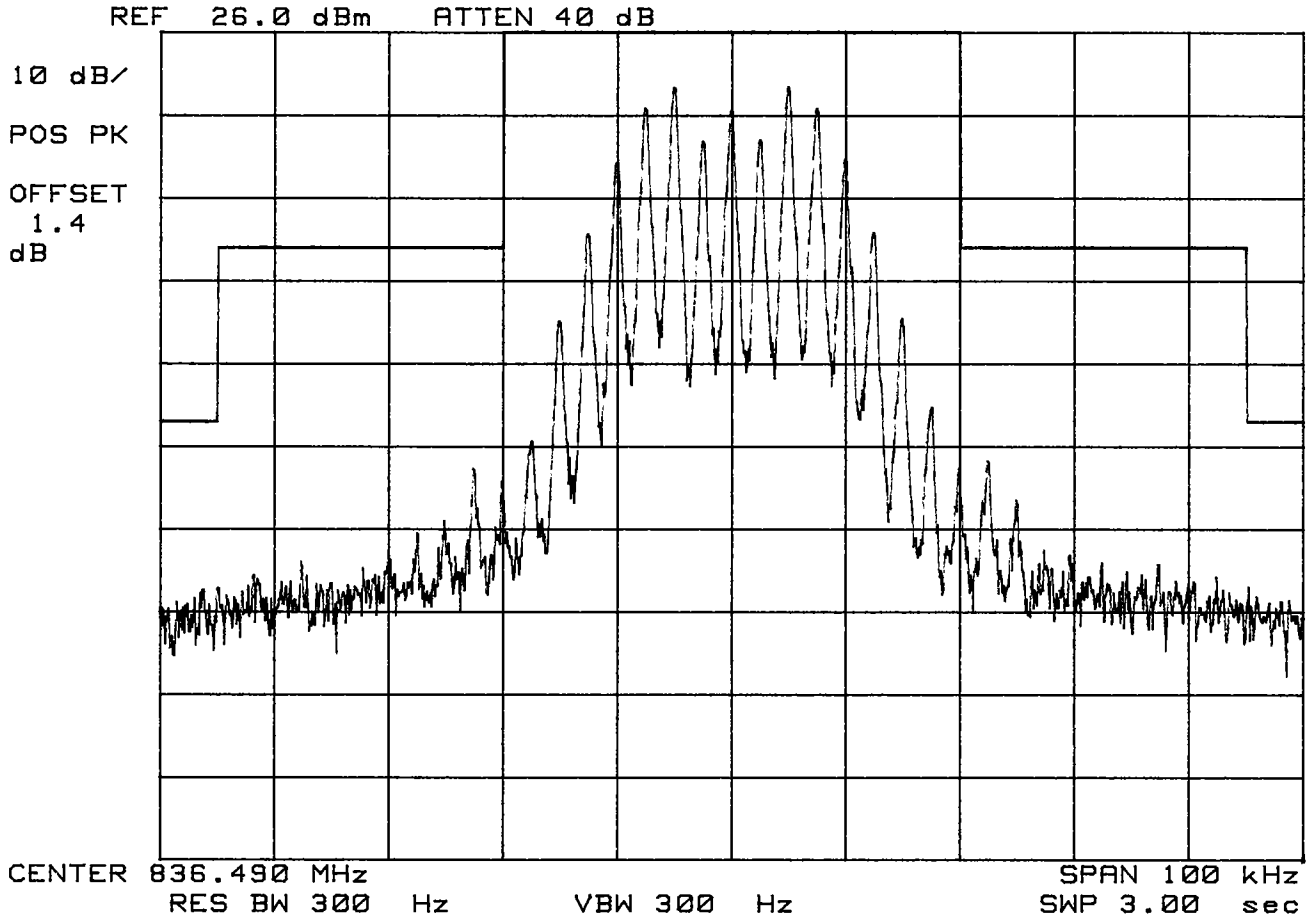


PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSPHA460
SAMSUNG
Tri-Mode Phone
FM Channel 0383
Operating Frequency: 836.490 MHz
Output Power : 26.0 dBm

Test Mode:Voice

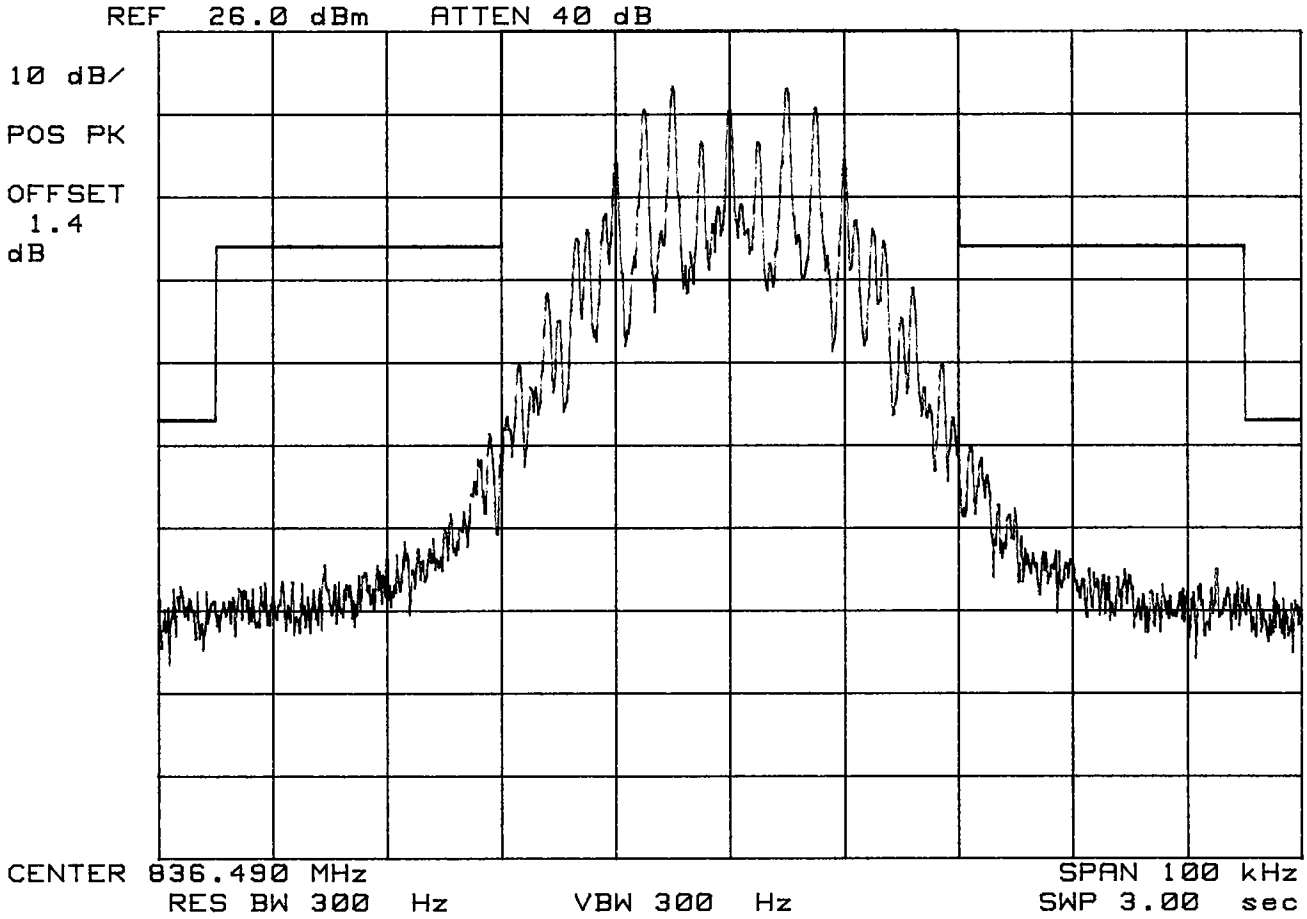


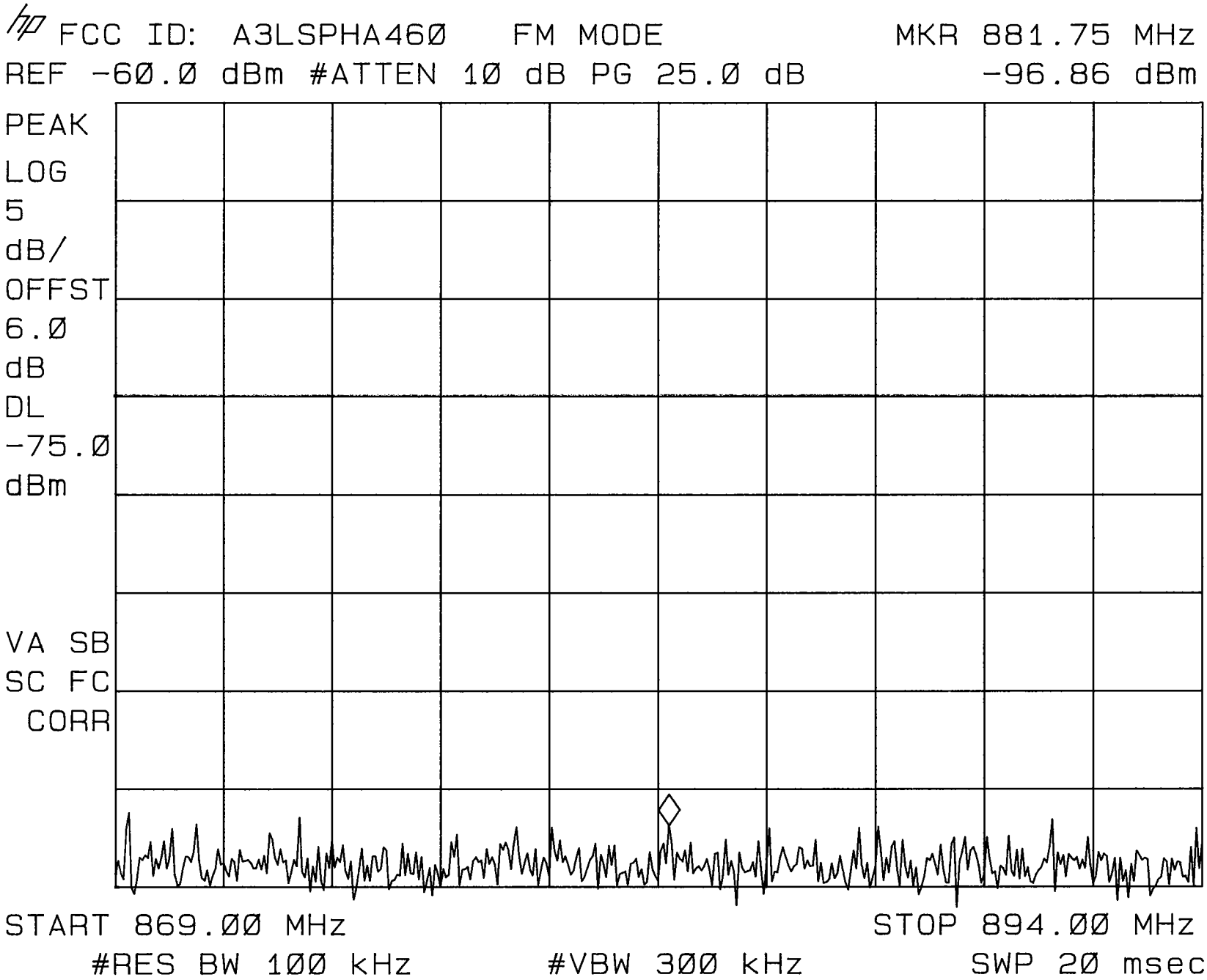
PCTEST Engineering Lab.

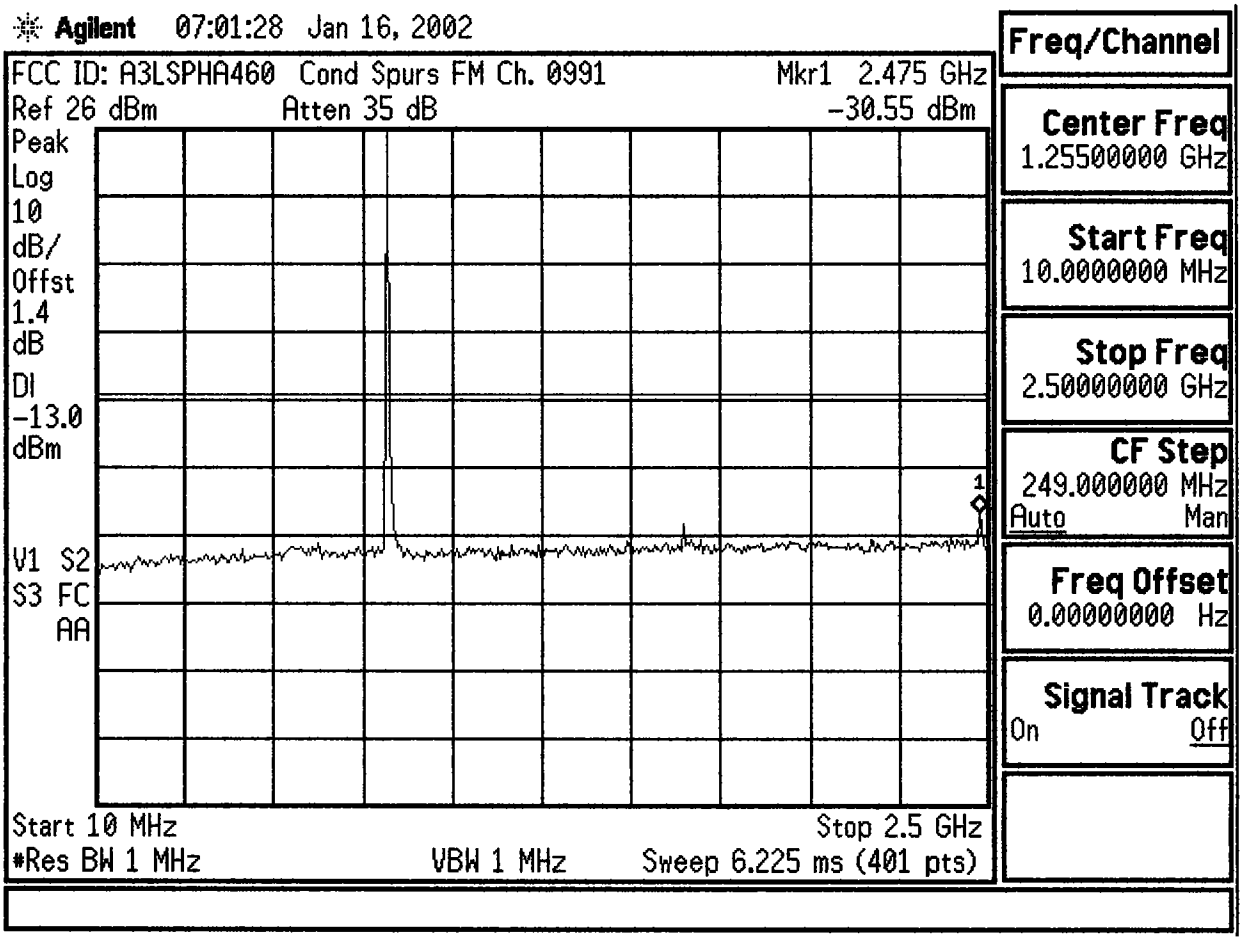
SPECTRUM ANALYZER PRESENTATION

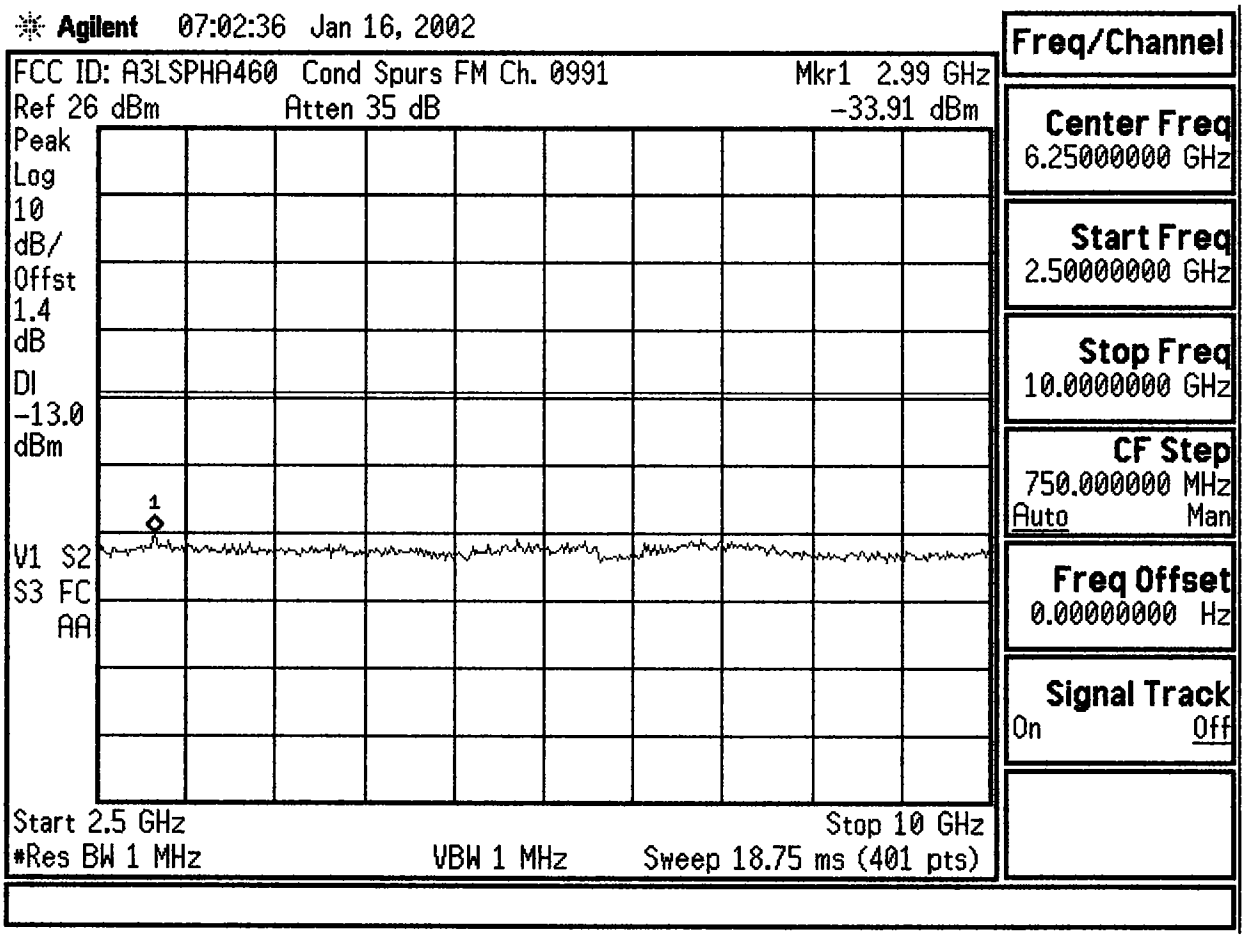
FCC ID:A3LSPHA460
SAMSUNG
Tri-Mode Phone
FM Channel 0383
Operating Frequency: 836.490 MHz
Output Power : 26.0 dBm

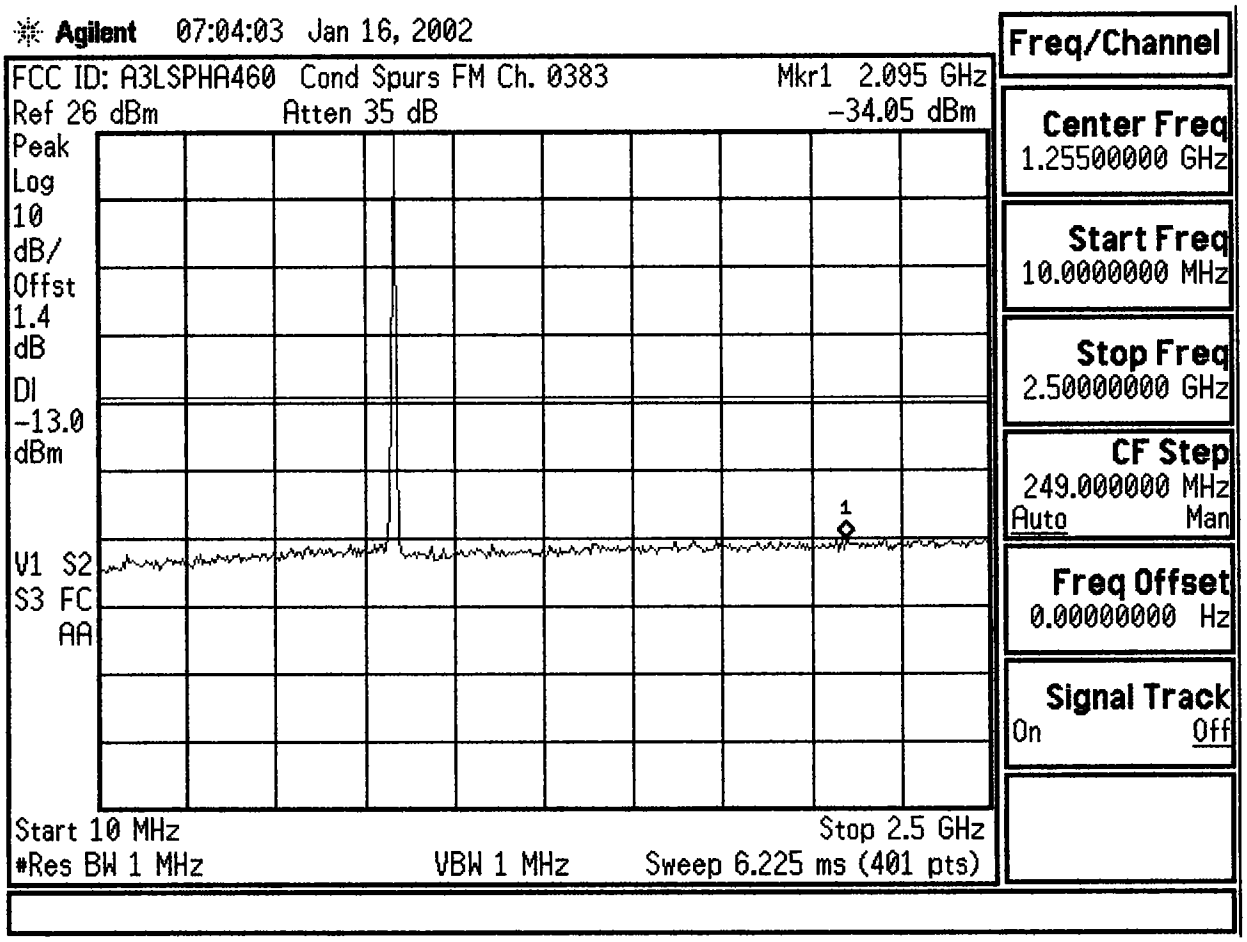
Test Mode:SAT + Voice

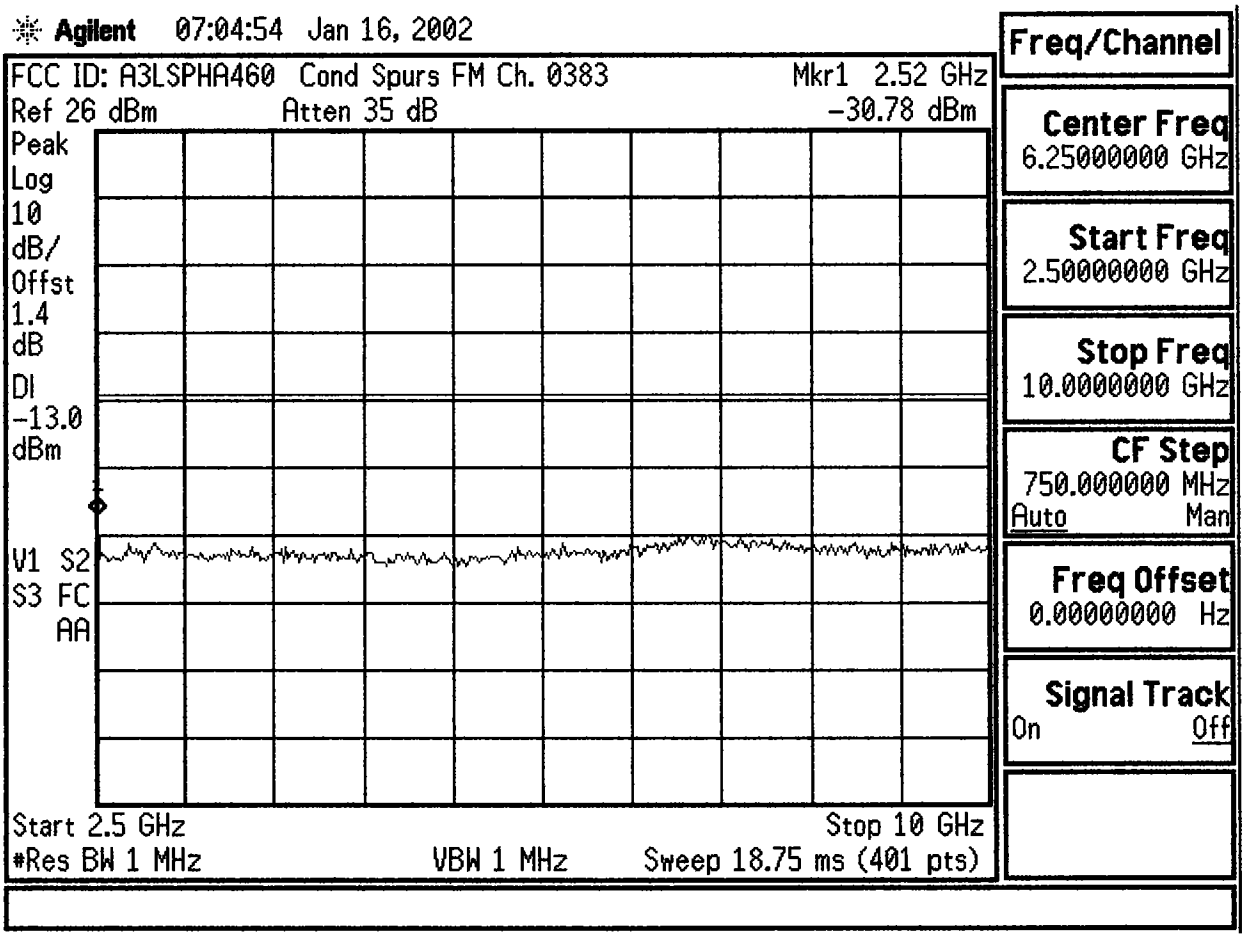


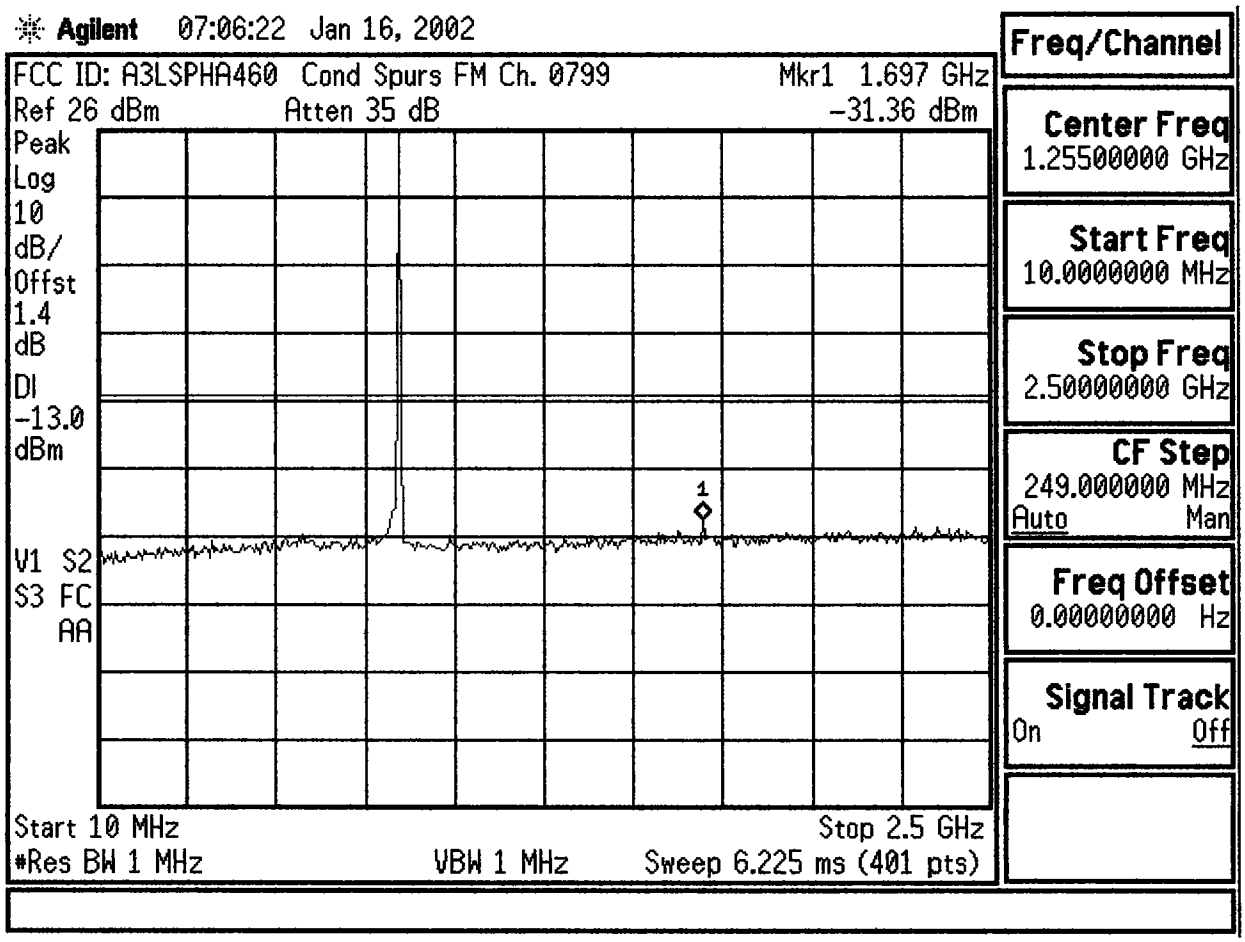

FCC ID: A3LSPHA460 FM MODE
MKR 881.75 MHz
REF -60.0 dBm #ATTEN 10 dB PG 25.0 dB
-96.86 dBm
PEAK
LOG
5
dB/
OFFST
6.0
dB
DL
-75.0
dBm
VA SB
SC FC
CORR
START 869.00 MHz
STOP 894.00 MHz
#RES BW 100 kHz
#VBW 300 kHz
SWP 20 msec

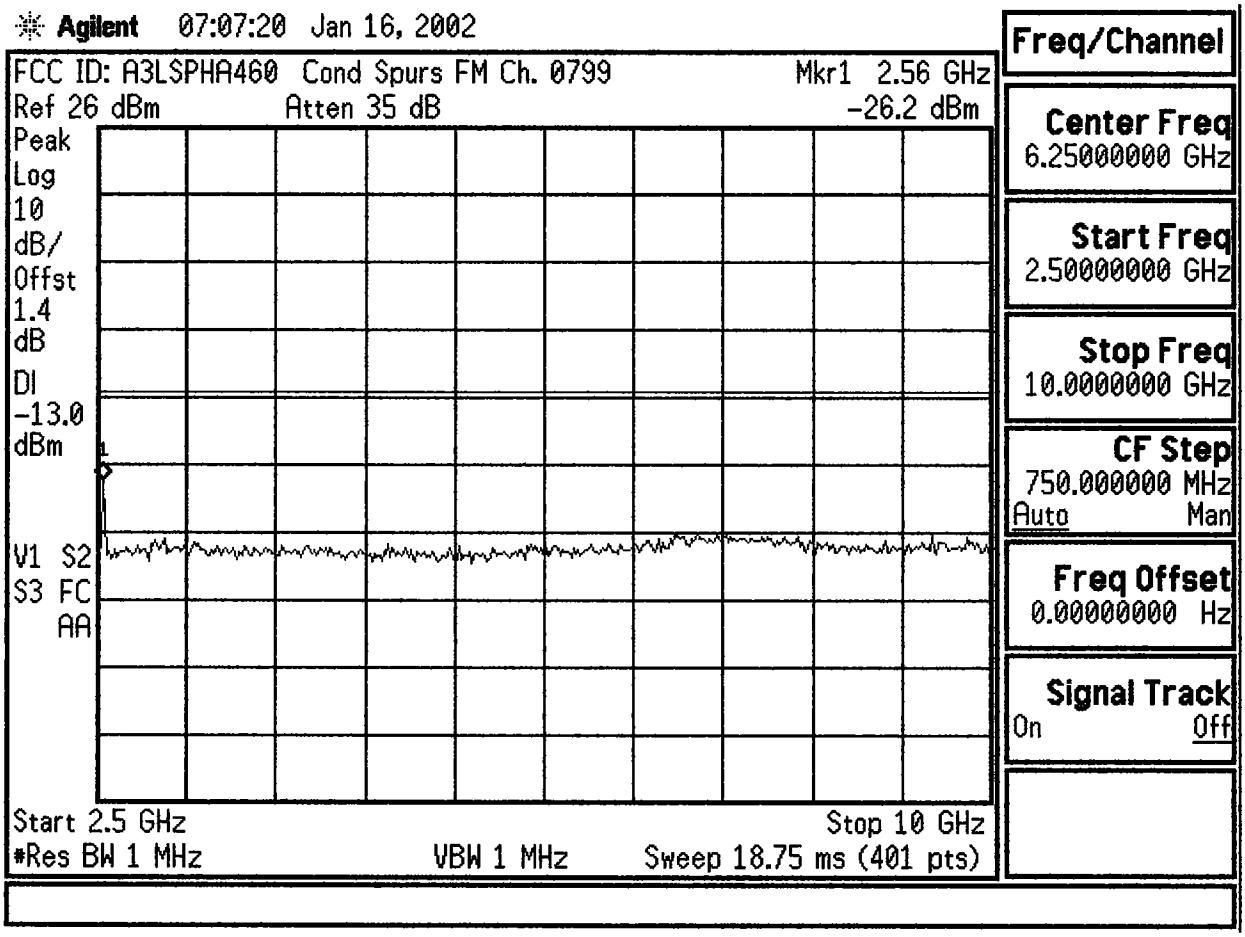

Agilent 07:01:28 Jan 16, 2002
FCC ID: A3LSPHA460 Cond Spurs FM Ch. 0991
Mkr1 2.475 GHz
Ref 26 dBm
Atten 35 dB
-30.55 dBm
Peak
Log
10
dB/
Offst
1.4
dB
Dl
-13.0
dBm
V1 S2
S3 FC
AA
Start 10 MHz
Stop 2.5 GHz
#Res BW 1 MHz
VBW 1 MHz
Sweep 6.225 ms (401 pts)
Freq/Channel
Center Freq
1.25500000 GHz
Start Freq
10.0000000 MHz
Stop Freq
2.50000000 GHz
CF Step
249.000000 MHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off

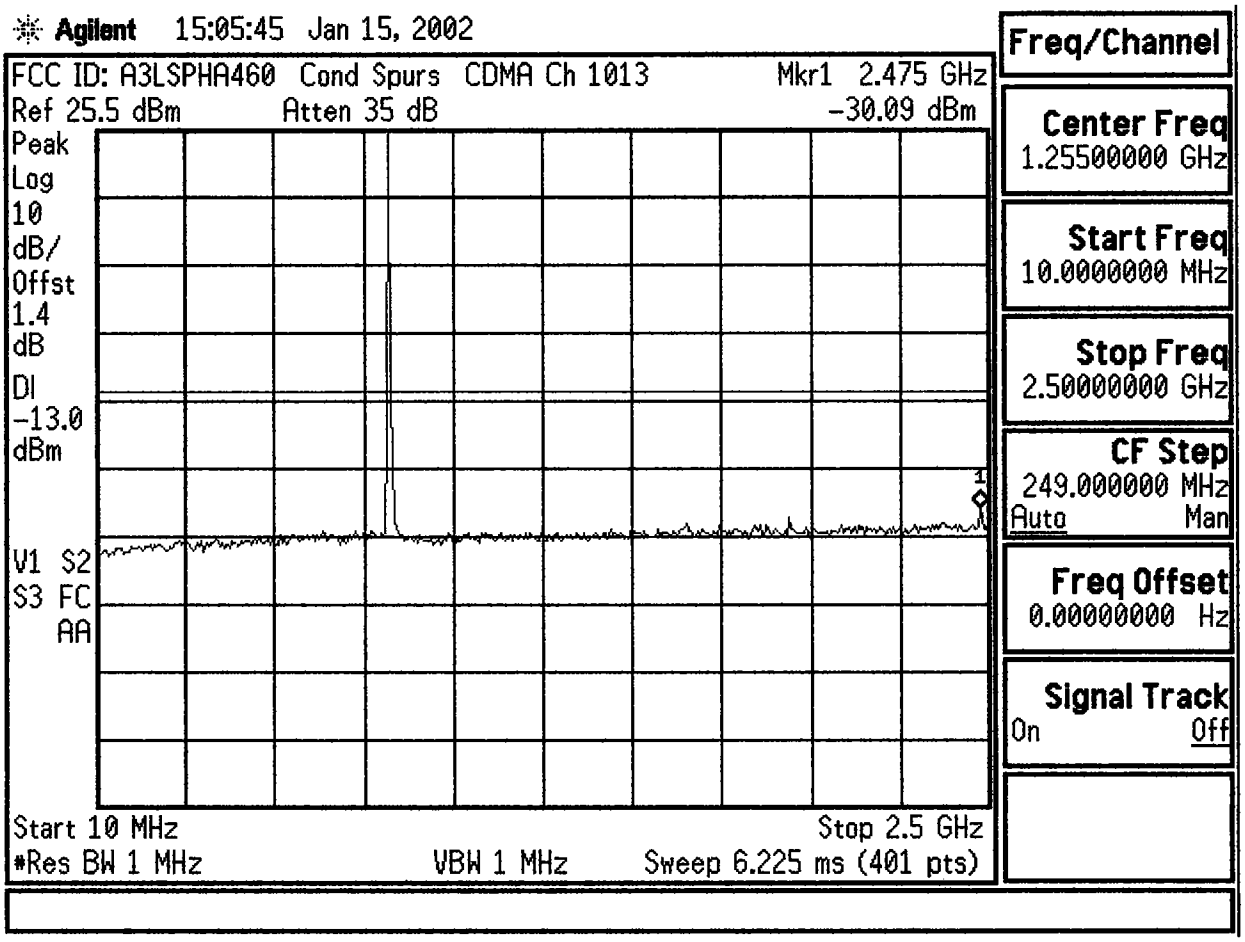

Agilent 07:02:36 Jan 16, 2002
FCC ID: A3LSPHA460 Cond Spurs FM Ch. 0991
Mkr1 2.99 GHz
Ref 26 dBm
Atten 35 dB
-33.91 dBm
Peak
Log
10
dB/
Offst
1.4
dB
Dl
-13.0
dBm
V1 S2
S3 FC
AA
Start 2.5 GHz
Stop 10 GHz
#Res BW 1 MHz
VBW 1 MHz
Sweep 18.75 ms (401 pts)
Freq/Channel
Center Freq
6.25000000 GHz
Start Freq
2.50000000 GHz
Stop Freq
10.0000000 GHz
CF Step
750.000000 MHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off

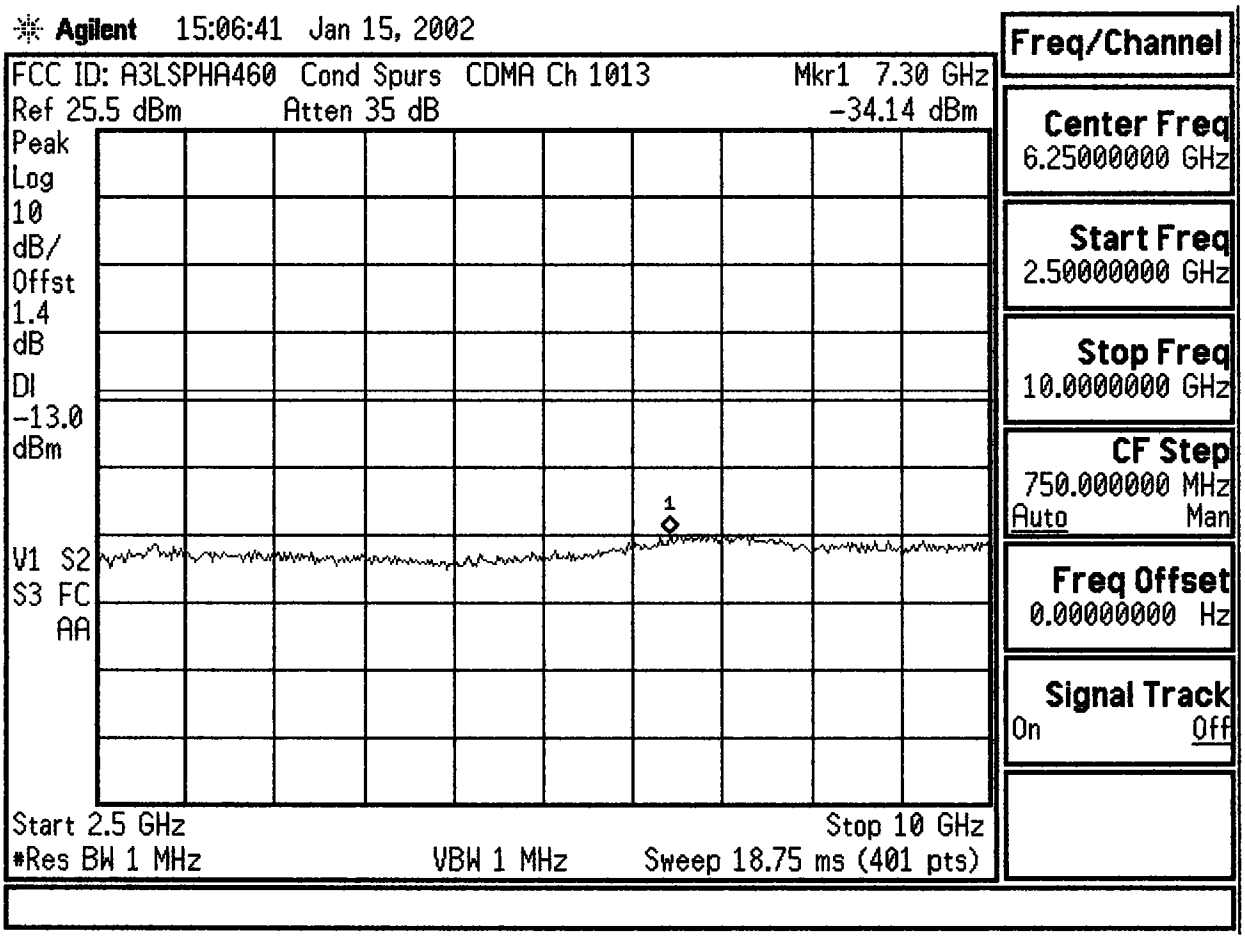

Agilent 07:04:03 Jan 16, 2002
FCC ID: A3LSPHA460 Cond Spurs FM Ch. 0383
Mkr1 2.095 GHz
Ref 26 dBm
Atten 35 dB
-34.05 dBm
Peak
Log
10
dB/
Offst
1.4
dB
Dl
-13.0
dBm
1
V1 S2
S3 FC
AA
Start 10 MHz
Stop 2.5 GHz
#Res BW 1 MHz
VBW 1 MHz
Sweep 6.225 ms (401 pts)
Freq/Channel
Center Freq
1.25500000 GHz
Start 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

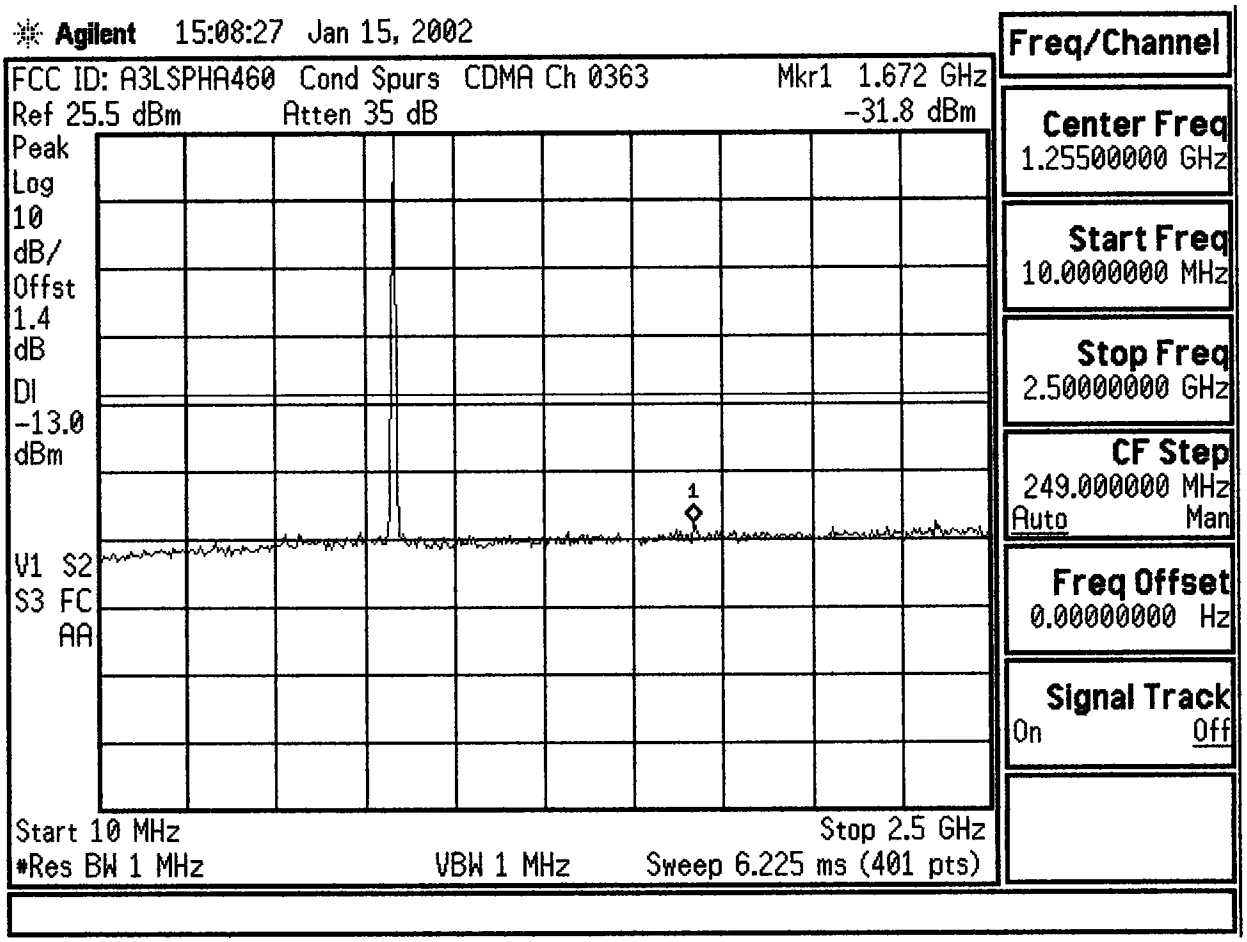

Agilent 07:04:54 Jan 16, 2002
FCC ID: A3LSPHA460 Cond Spurs FM Ch. 0383
Mkr1 2.52 GHz
Ref 26 dBm
Atten 35 dB
-30.78 dBm
Peak
Log
10
dB/
Offst
1.4
dB
Dl
-13.0
dBm
1
V1 S2
S3 FC
AA
Start 2.5 GHz
Stop 10 GHz
#Res BW 1 MHz
VBW 1 MHz
Sweep 18.75 ms (401 pts)
Freq/Channel
Center Freq
6.25000000 GHz
Start Freq
2.50000000 GHz
Stop Freq
10.0000000 GHz
CF Step
750.000000 MHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off

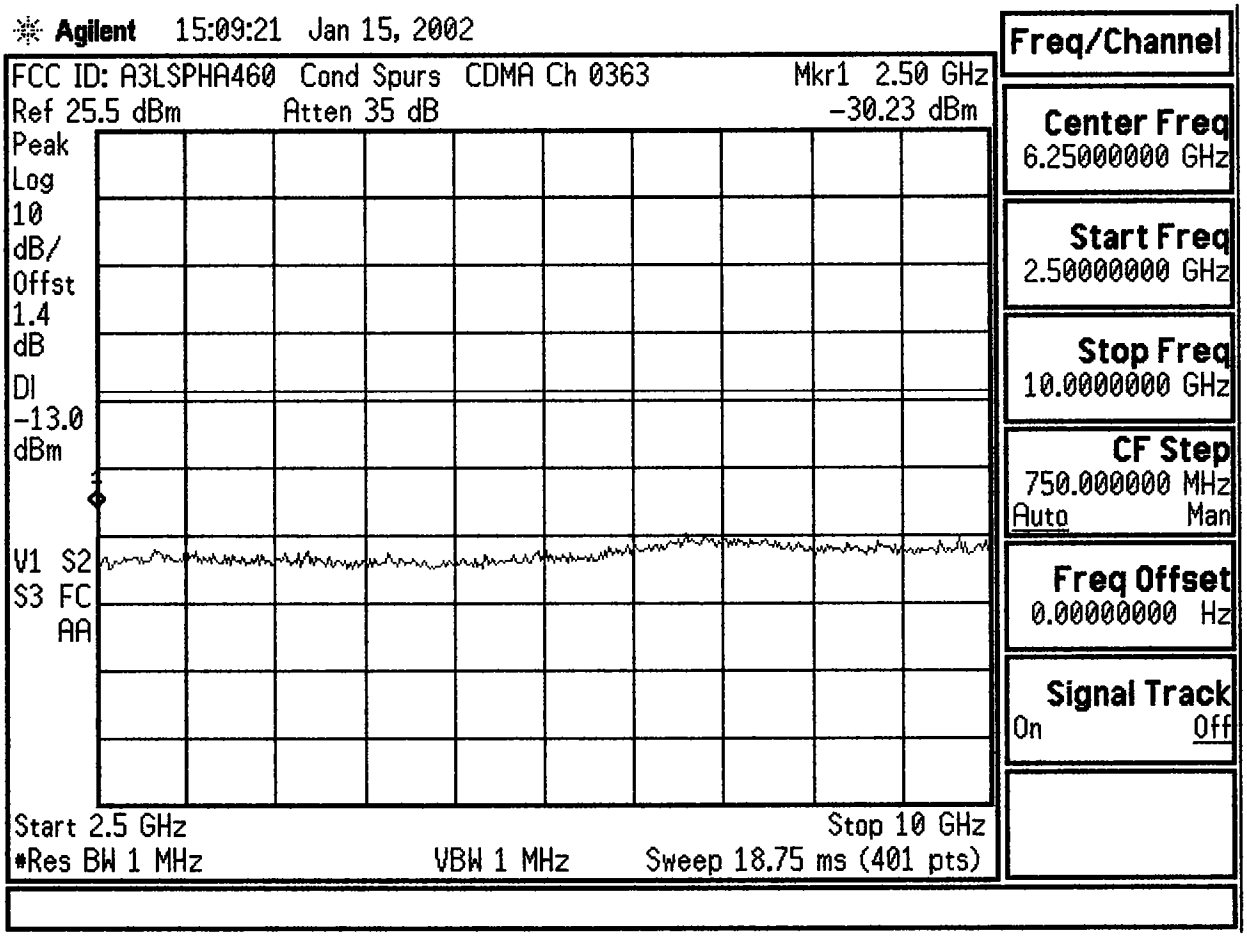

Agilent 07:06:22 Jan 16, 2002
FCC ID: A3LSPHA460 Cond Spurs FM Ch. 0799
Mkr1 1.697 GHz
Ref 26 dBm
Atten 35 dB
-31.36 dBm
Peak
Log
10
dB/
Offst
1.4
dB
Dl
-13.0
dBm
1
V1 S2
S3 FC
AA
Start 10 MHz
Stop 2.5 GHz
#Res BW 1 MHz
VBW 1 MHz
Sweep 6.225 ms (401 pts)
Freq/Channel
Center Freq
1.25500000 GHz
Start 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

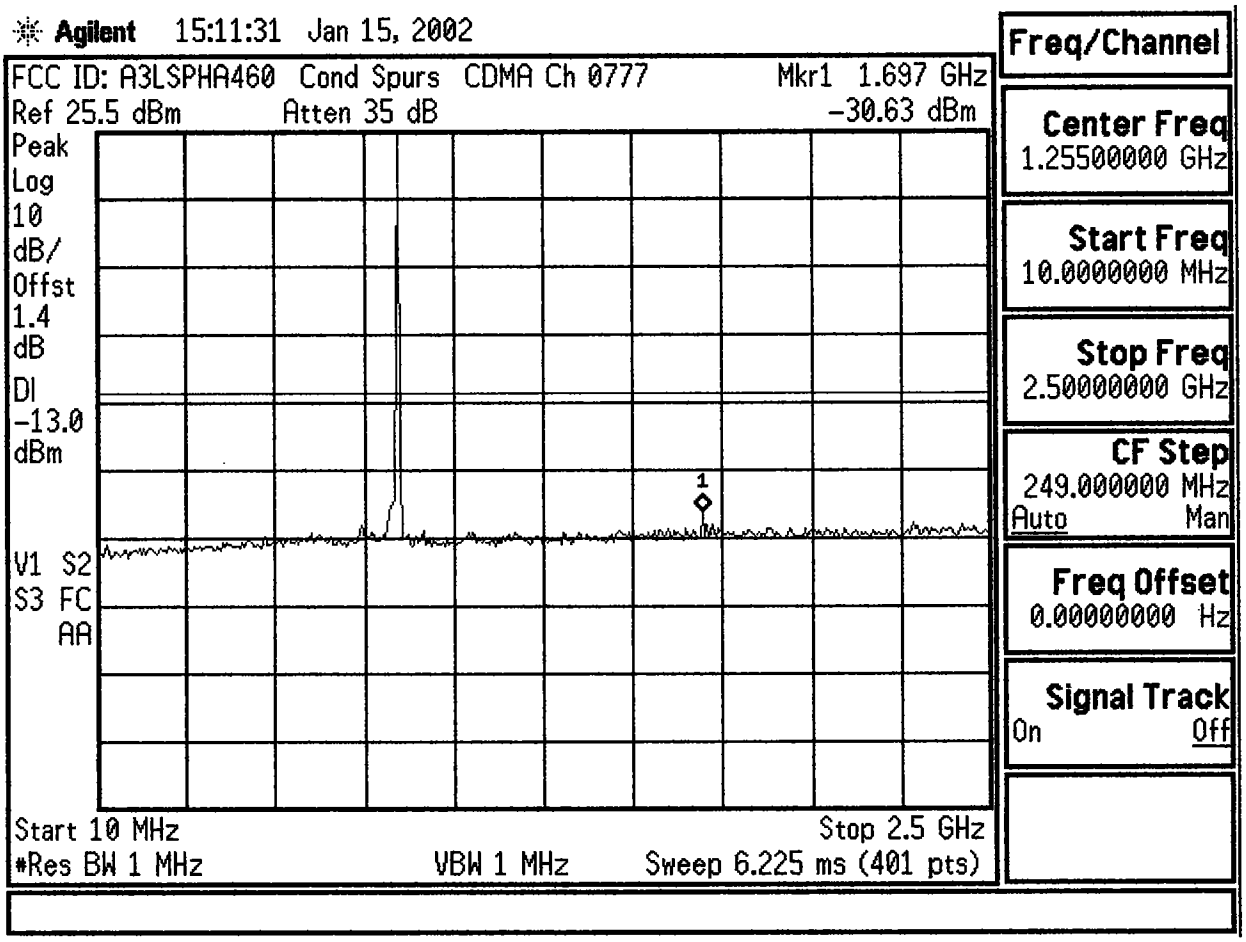

Agilent 07:07:20 Jan 16, 2002
FCC ID: A3LSPHA460 Cond Spurs FM Ch. 0799
Mkr1 2.56 GHz
Ref 26 dBm
Atten 35 dB
-26.2 dBm
Peak
Log
10
dB/
Offst
1.4
dB
Dl
-13.0
dBm
1
V1 S2
S3 FC
AA
Start 2.5 GHz
Stop 10 GHz
#Res BW 1 MHz
VBW 1 MHz
Sweep 18.75 ms (401 pts)
Freq/Channel
Center Freq
6.25000000 GHz
Start Freq
2.50000000 GHz
Stop Freq
10.0000000 GHz
CF Step
750.000000 MHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off

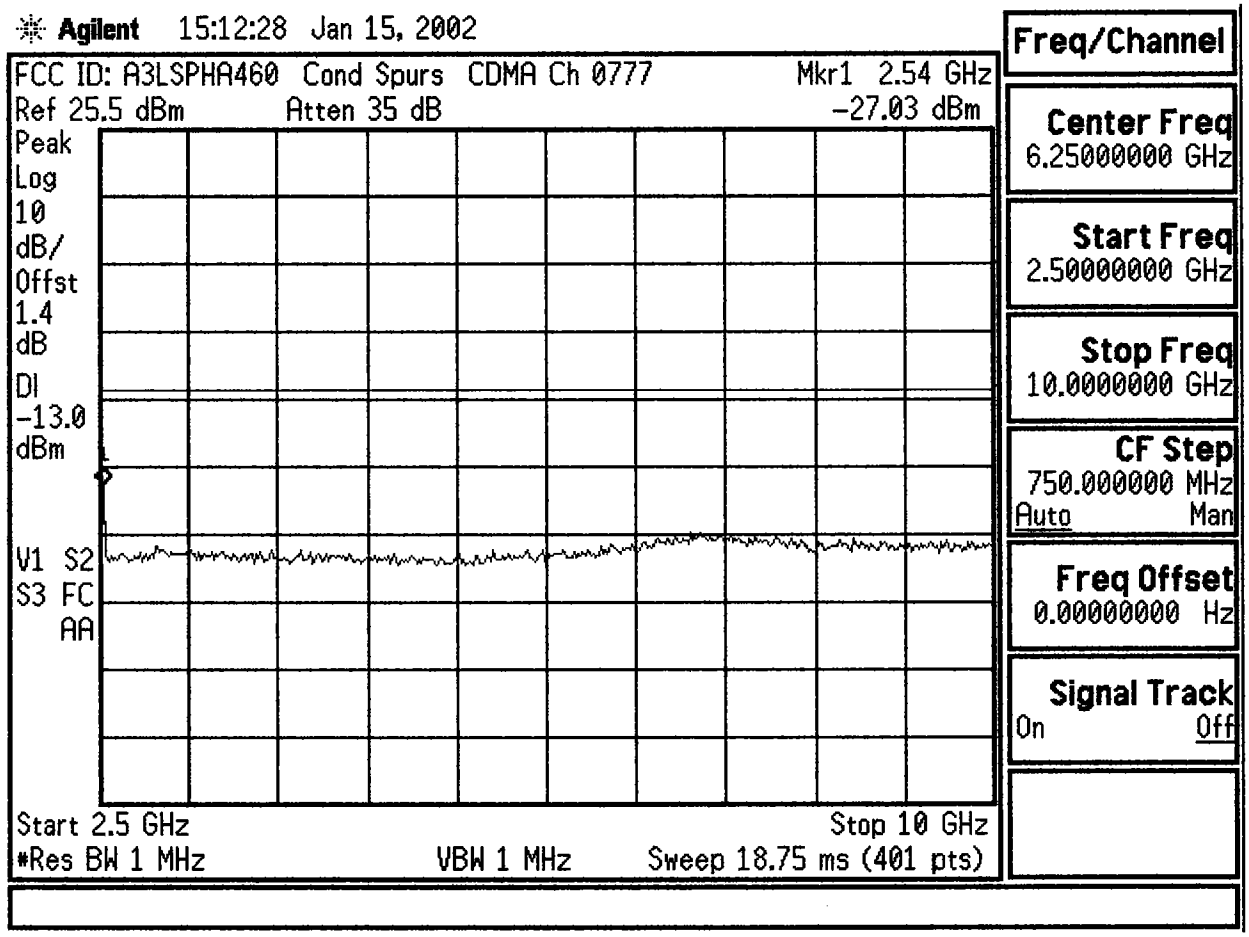

Agilent 15:05:45 Jan 15, 2002
FCC ID: A3LSPHA460 Cond Spurs CDMA Ch 1013
Mkr1 2.475 GHz
Ref 25.5 dBm
Atten 35 dB
-30.09 dBm
Peak
Log
10
dB/
Offst
1.4
dB
Dl
-13.0
dBm
V1 S2
S3 FC
AA
Start 10 MHz
Stop 2.5 GHz
#Res BW 1 MHz
VBW 1 MHz
Sweep 6.225 ms (401 pts)
Freq/Channel
Center Freq
1.25500000 GHz
Start 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

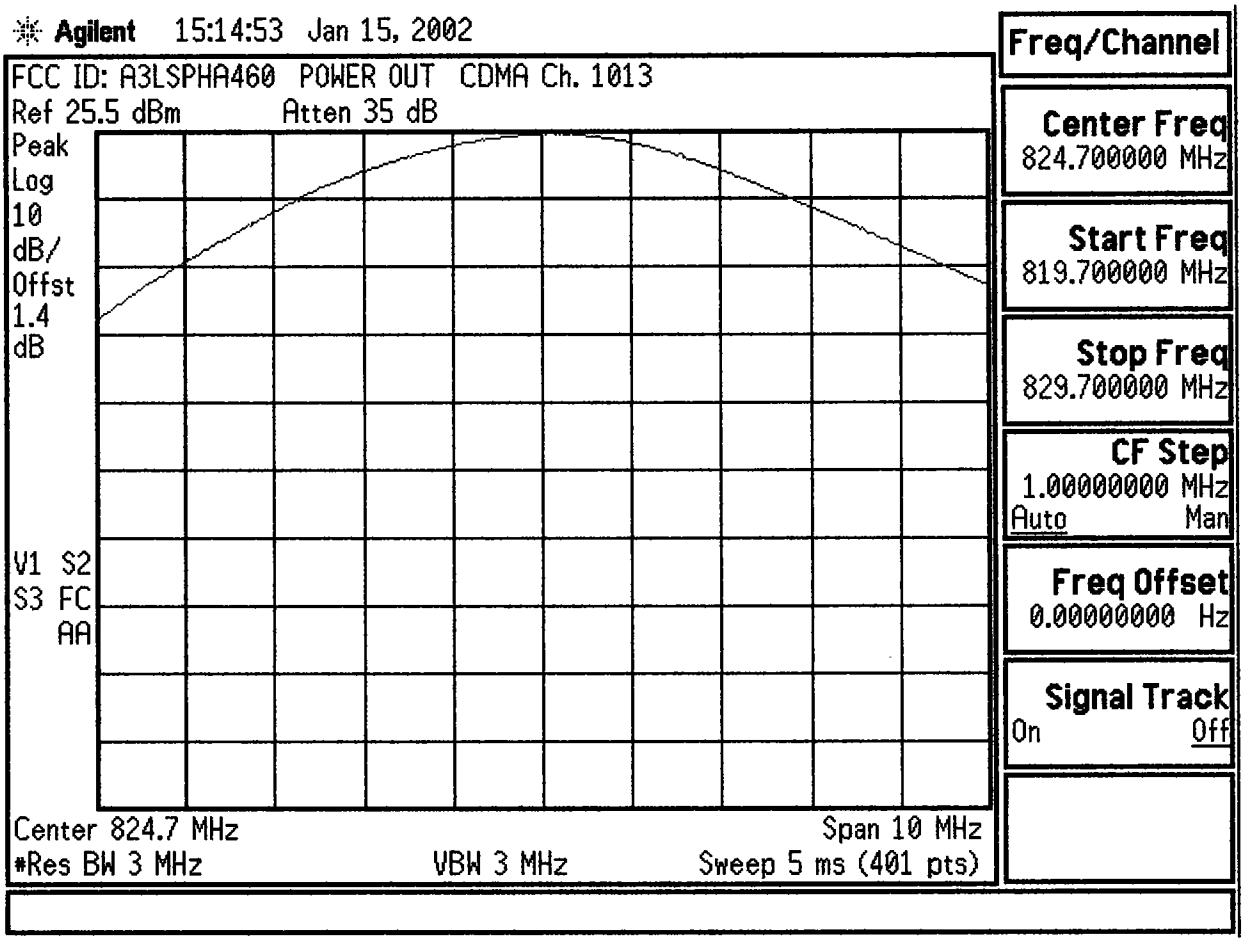

Agilent 15:06:41 Jan 15, 2002
FCC ID: A3LSPHA460 Cond Spurs CDMA Ch 1013
Mkr1 7.30 GHz
Ref 25.5 dBm
Atten 35 dB
-34.14 dBm
Peak
Log
10
dB/
Offst
1.4
dB
Dl
-13.0
dBm
V1 S2
S3 FC
AA
Start 2.5 GHz
Stop 10 GHz
#Res BW 1 MHz
VBW 1 MHz
Sweep 18.75 ms (401 pts)
Freq/Channel
Center Freq
6.25000000 GHz
Start 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

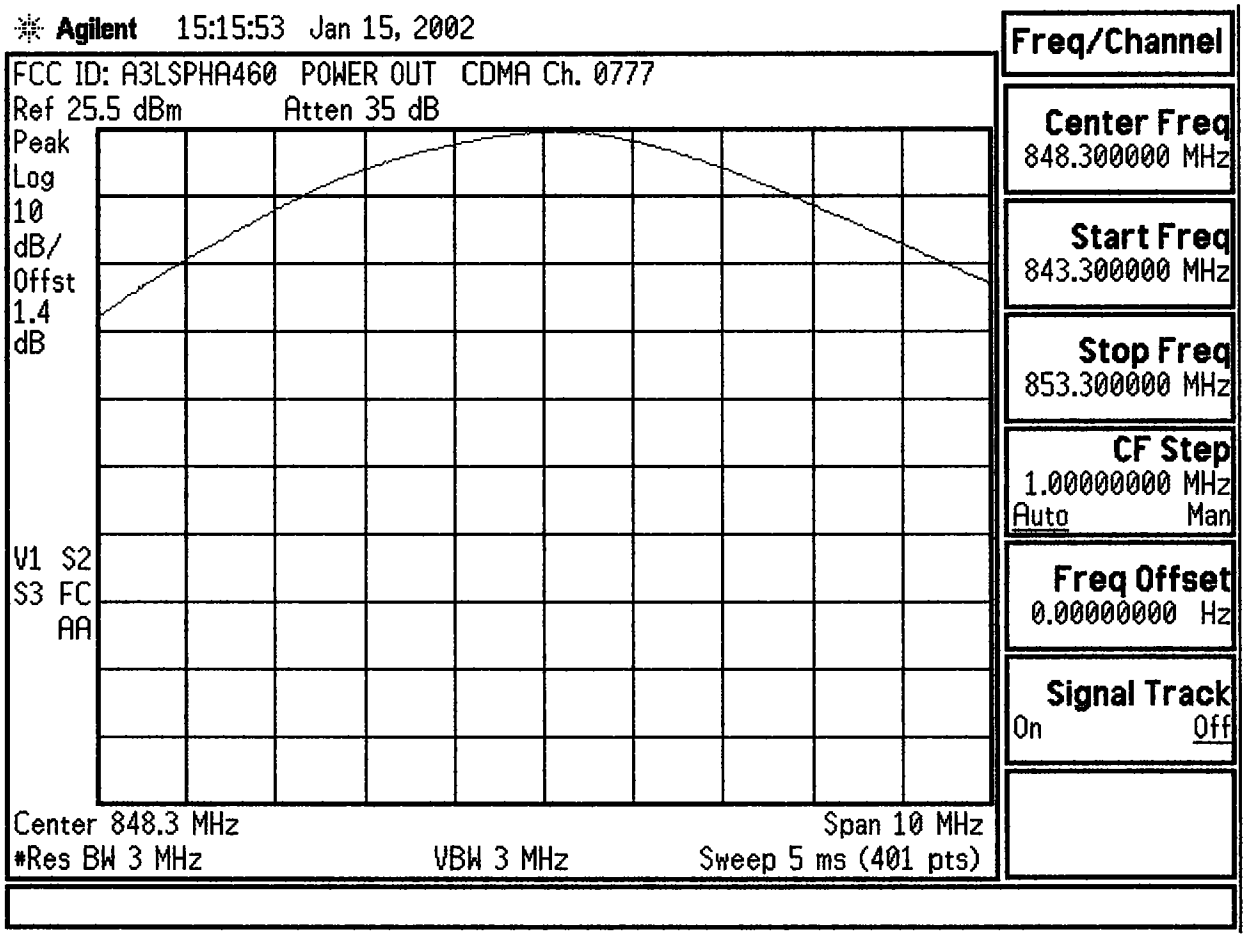

Agilent 15:08:27 Jan 15, 2002
FCC ID: A3LSPHA460 Cond Spurs CDMA Ch 0363
Mkr1 1.672 GHz
Ref 25.5 dBm
Atten 35 dB
-31.8 dBm
Peak
Log
10
dB/
Offst
1.4
dB
Dl
-13.0
dBm
1
V1 S2
S3 FC
AA
Start 10 MHz
Stop 2.5 GHz
#Res BW 1 MHz
VBW 1 MHz
Sweep 6.225 ms (401 pts)
Freq/Channel
Center Freq
1.25500000 GHz
Start 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

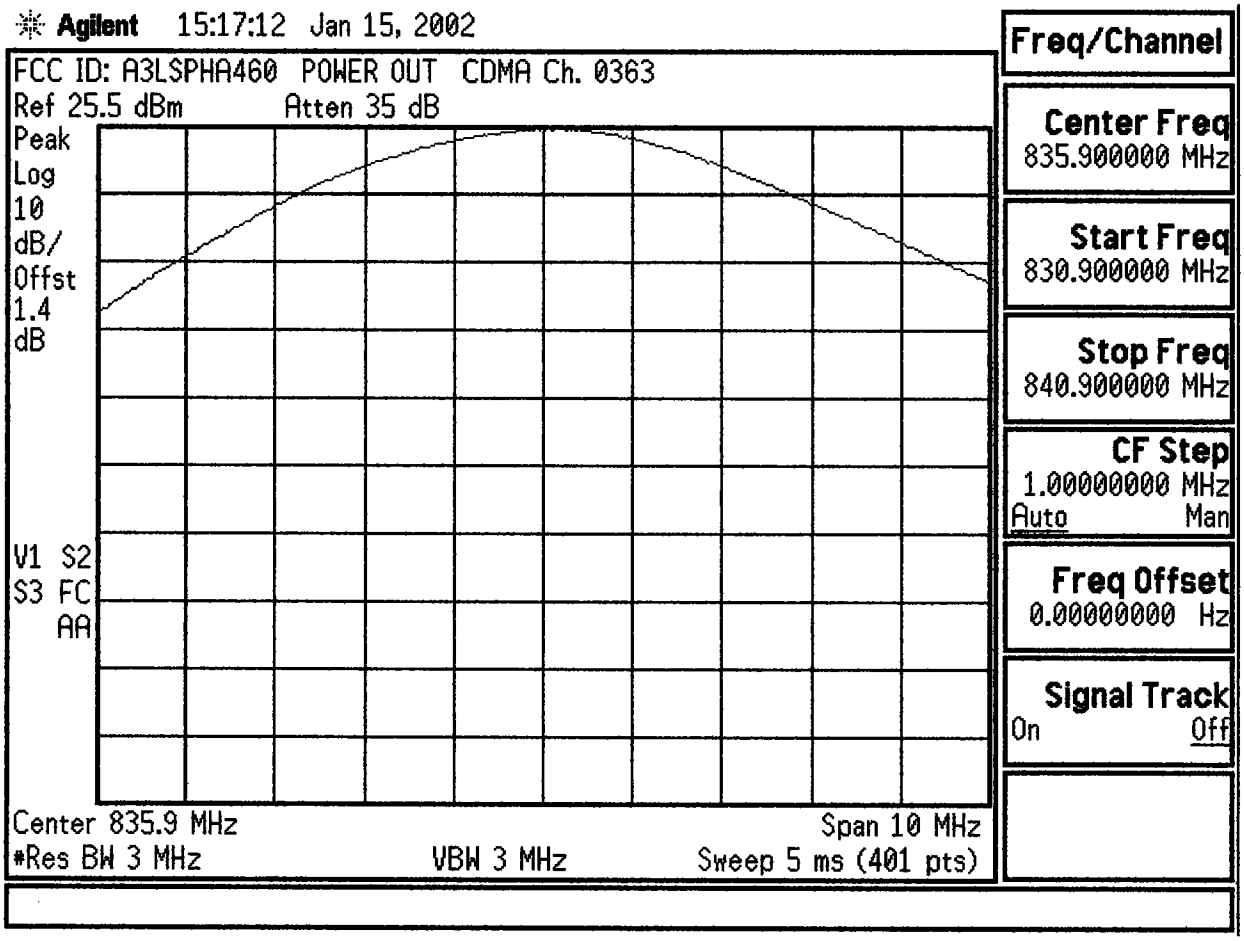

Agilent 15:09:21 Jan 15, 2002
FCC ID: A3LSPHA460 Cond Spurs CDMA Ch 0363
Mkr1 2.50 GHz
Ref 25.5 dBm
Atten 35 dB
-30.23 dBm
Peak
Log
10
dB/
Offst
1.4
dB
Dl
-13.0
dBm
1
V1 S2
S3 FC
AA
Start 2.5 GHz
Stop 10 GHz
#Res BW 1 MHz
VBW 1 MHz
Sweep 18.75 ms (401 pts)
Freq/Channel
Center Freq
6.25000000 GHz
Start 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

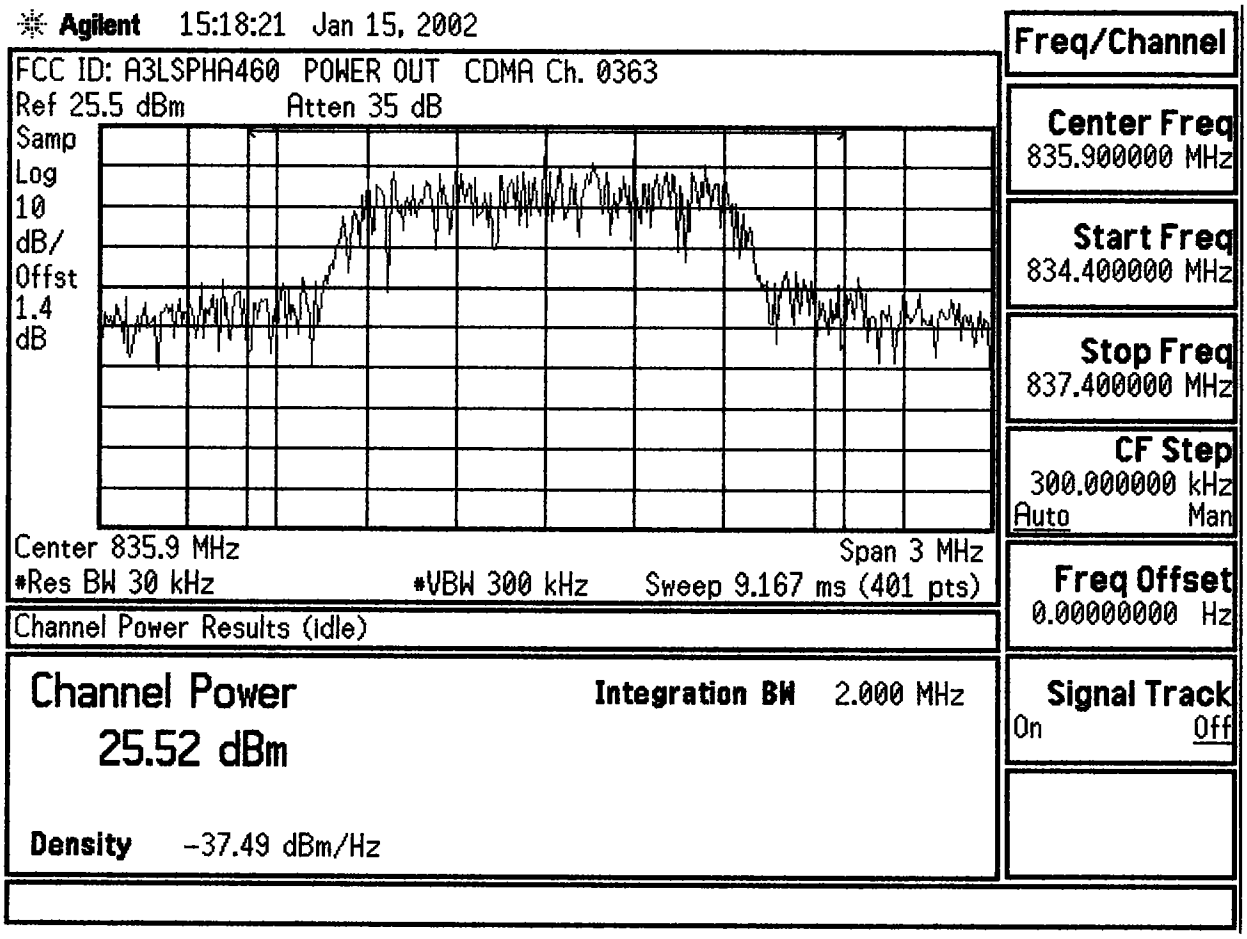

Agilent 15:11:31 Jan 15, 2002
FCC ID: A3LSPHA460 Cond Spurs CDMA Ch 0777
Mkr1 1.697 GHz
Ref 25.5 dBm
Atten 35 dB
-30.63 dBm
Peak
Log
10
dB/
Offst
1.4
dB
Dl
-13.0
dBm
1
V1 S2
S3 FC
AA
Start 10 MHz
Stop 2.5 GHz
#Res BW 1 MHz
VBW 1 MHz
Sweep 6.225 ms (401 pts)
Freq/Channel
Center Freq
1.25500000 GHz
Start 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

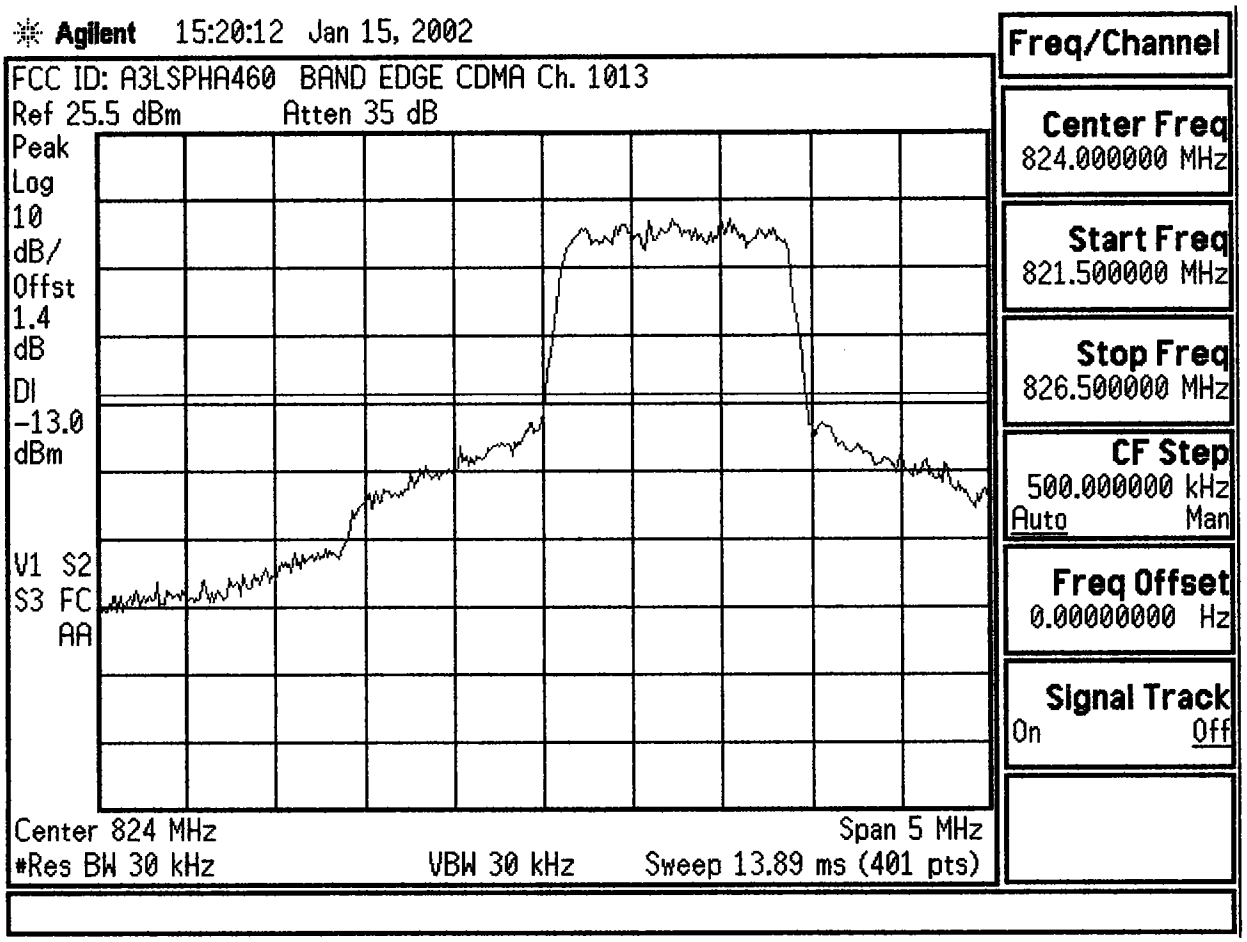

Agilent 15:12:28 Jan 15, 2002
FCC ID: A3LSPHA460 Cond Spurs CDMA Ch 0777
Mkr1 2.54 GHz
Ref 25.5 dBm
Atten 35 dB
-27.03 dBm
Peak
Log
10
dB/
Offst
1.4
dB
Dl
-13.0
dBm
1
V1 S2
S3 FC
AA
Start 2.5 GHz
Stop 10 GHz
#Res BW 1 MHz
VBW 1 MHz
Sweep 18.75 ms (401 pts)
Freq/Channel
Center Freq
6.25000000 GHz
Start 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

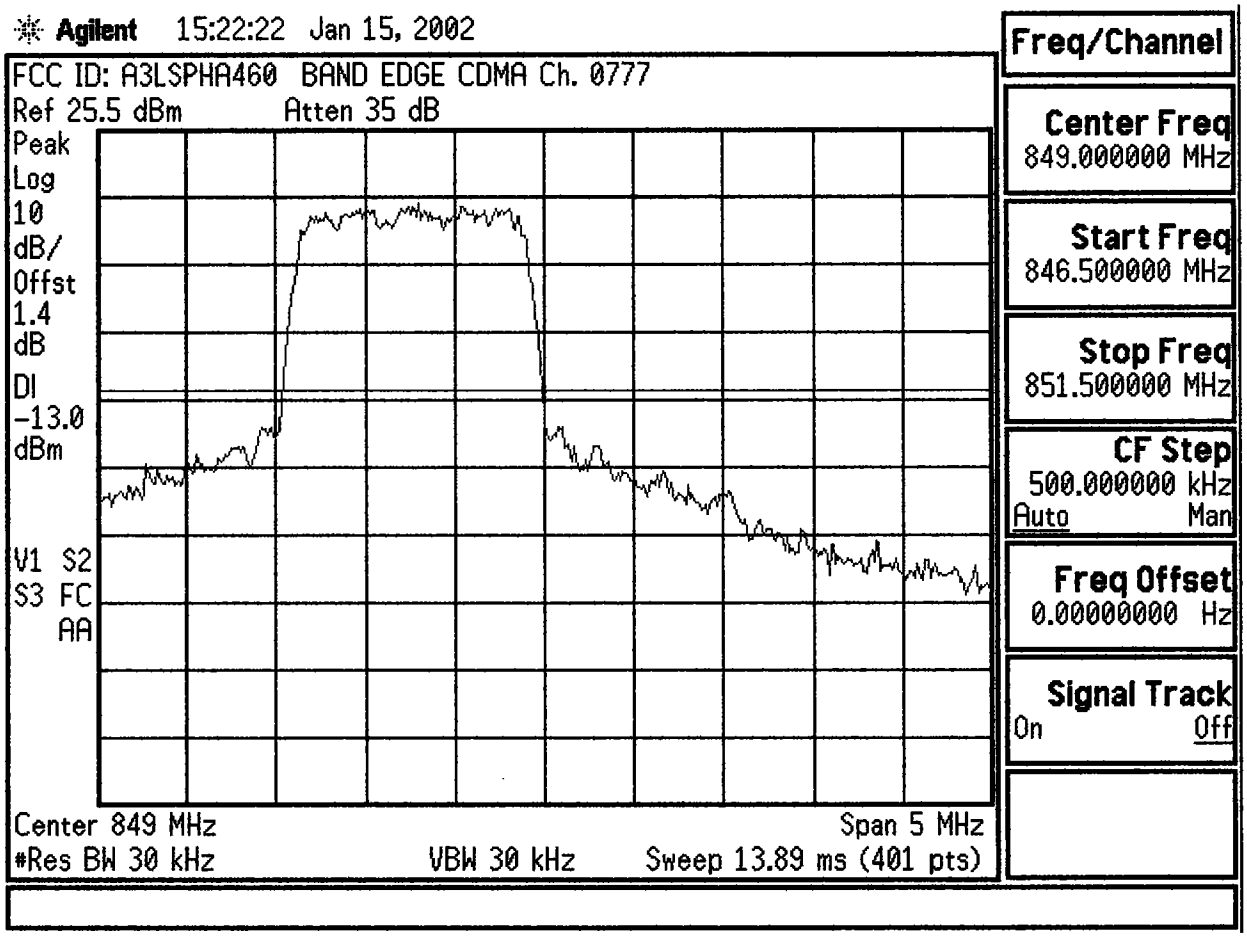

Agilent 15:14:53 Jan 15, 2002
FCC ID: A3LSPHA460 POWER OUT CDMA Ch. 1013
Ref 25.5 dBm Atten 35 dB
Peak
Log
10
dB/
Offst
1.4
dB
V1 S2
S3 FC
AA
Center 824.7 MHz
Span 10 MHz
#Res BW 3 MHz
VBW 3 MHz
Sweep 5 ms (401 pts)
Freq/Channel
Center Freq
824.700000 MHz
Start Freq
819.700000 MHz
Stop Freq
829.700000 MHz
CF Step
1.00000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off

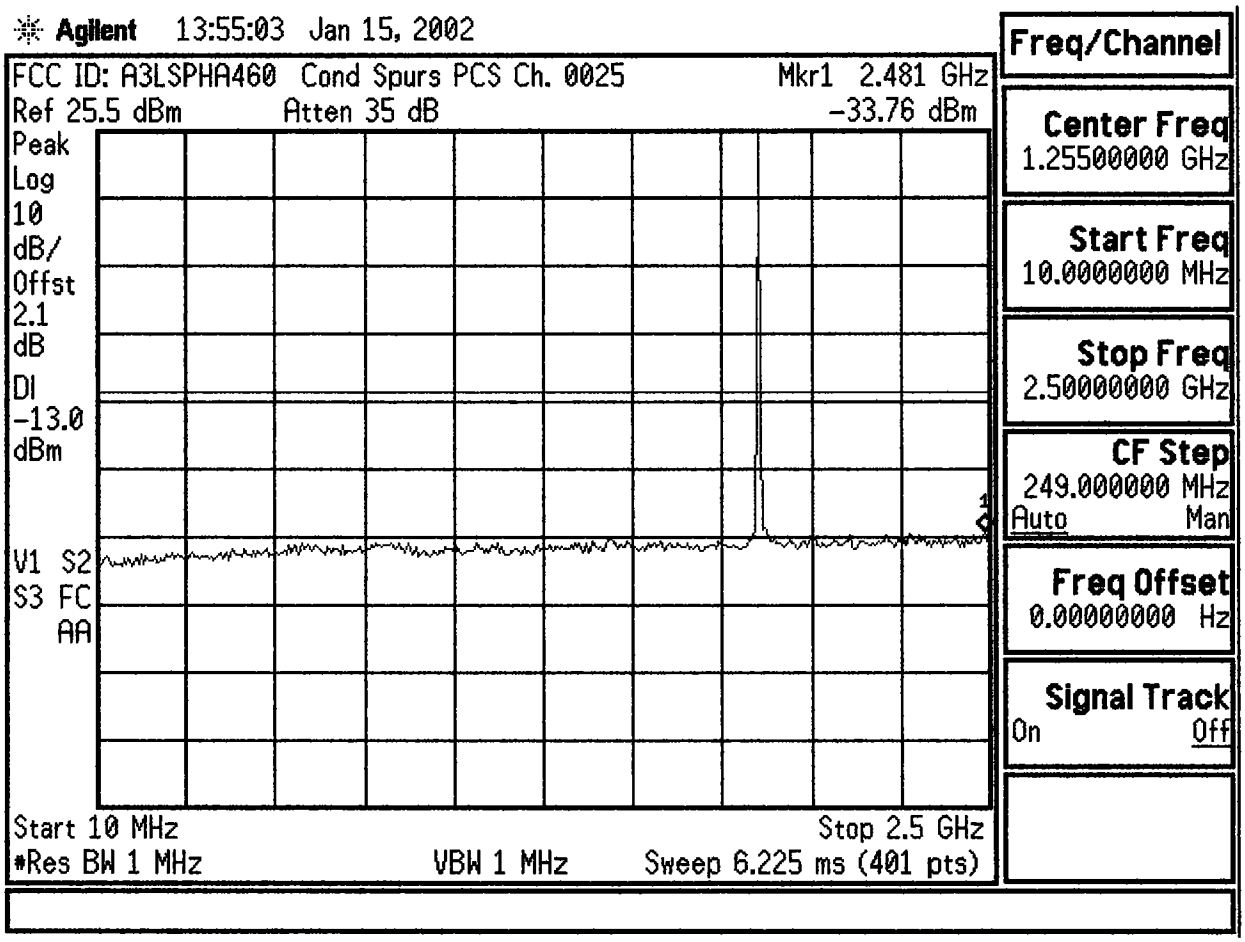

Agilent 15:15:53 Jan 15, 2002
FCC ID: A3LSPHA460 POWER OUT CDMA Ch. 0777
Ref 25.5 dBm Atten 35 dB
Peak
Log
10
dB/
Offst
1.4
dB
V1 S2
S3 FC
AA
Center 848.3 MHz
Span 10 MHz
#Res BW 3 MHz
VBW 3 MHz
Sweep 5 ms (401 pts)
Freq/Channel
Center Freq
848.300000 MHz
Start Freq
843.300000 MHz
Stop Freq
853.300000 MHz
CF Step
1.00000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off

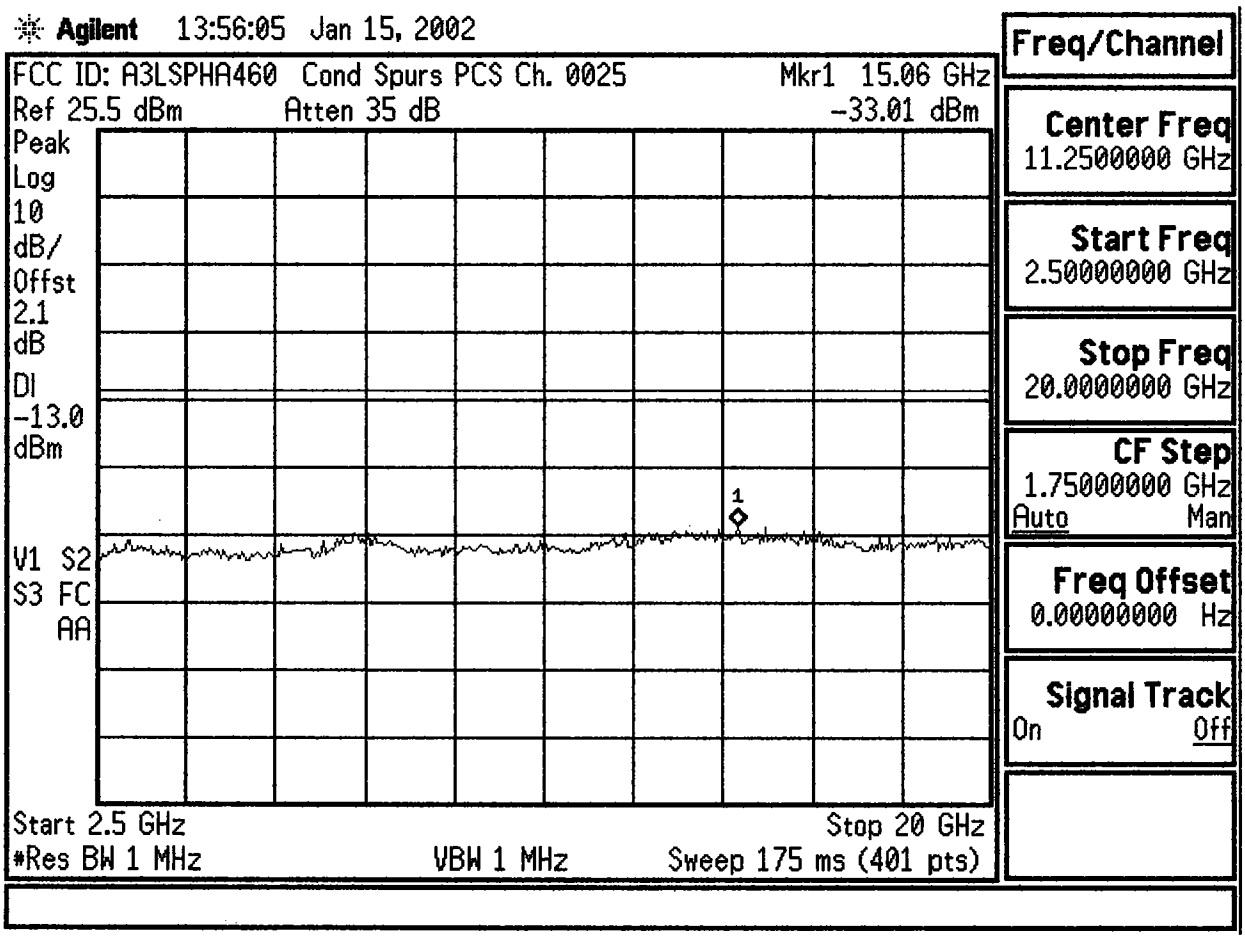

Agilent 15:17:12 Jan 15, 2002
FCC ID: A3LSPHA460 POWER OUT CDMA Ch. 0363
Ref 25.5 dBm Atten 35 dB
Peak
Log
10
dB/
Offst
1.4
dB
V1 S2
S3 FC
AA
Center 835.9 MHz
Span 10 MHz
#Res BW 3 MHz
VBW 3 MHz
Sweep 5 ms (401 pts)
Freq/Channel
Center Freq
835.900000 MHz
Start Freq
830.900000 MHz
Stop Freq
840.900000 MHz
CF Step
1.00000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off

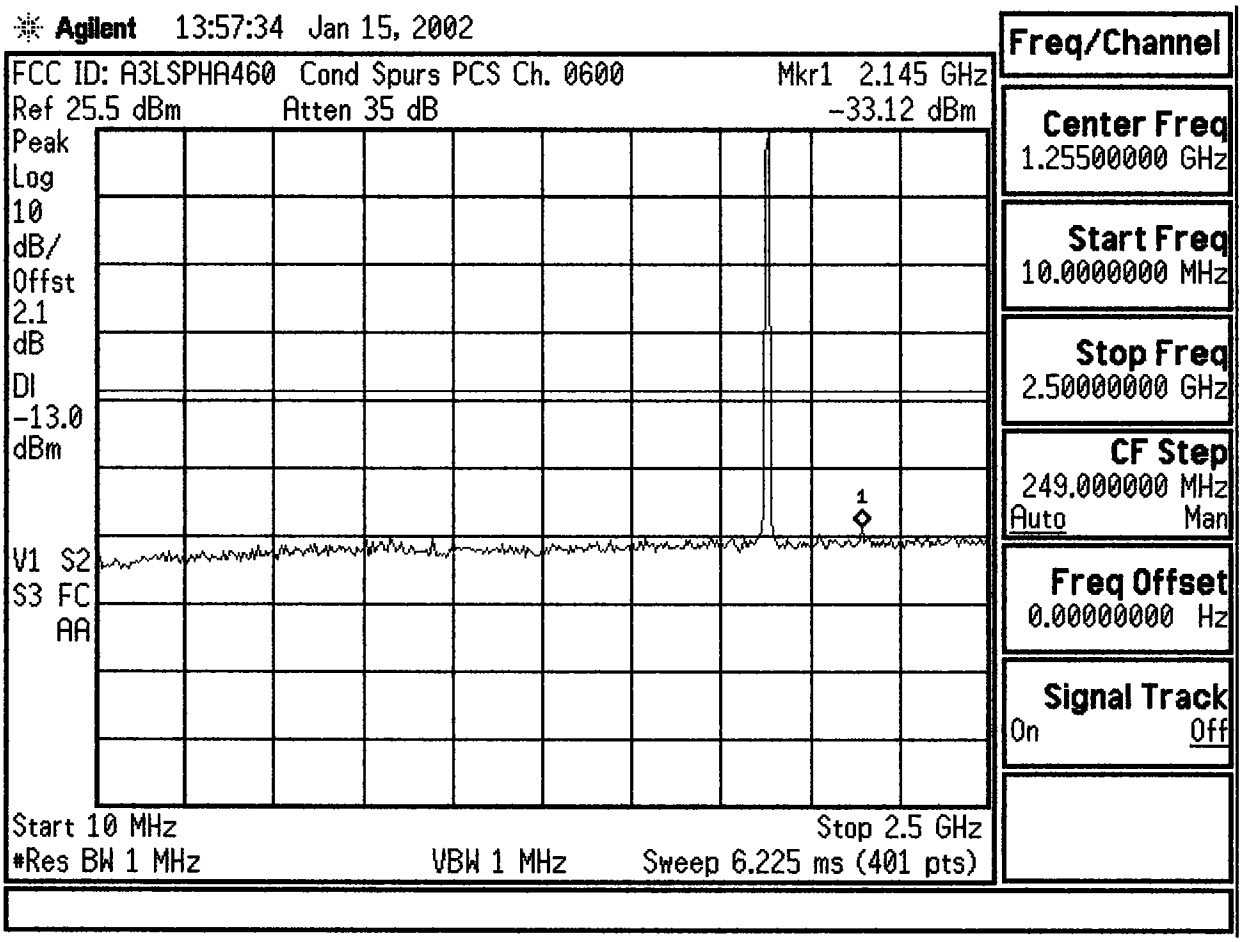

Agilent 15:18:21 Jan 15, 2002
FCC ID: A3LSPHA460 POWER OUT CDMA Ch. 0363
Ref 25.5 dBm Atten 35 dB
Samp
Log
10
dB/
Offst
1.4
dB
Center 835.9 MHz
Span 3 MHz
#Res BW 30 kHz
#VBW 300 kHz
Sweep 9.167 ms (401 pts)
Channel Power Results (idle)
Channel Power
25.52 dBm
Integration BW 2.000 MHz
Density -37.49 dBm/Hz
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

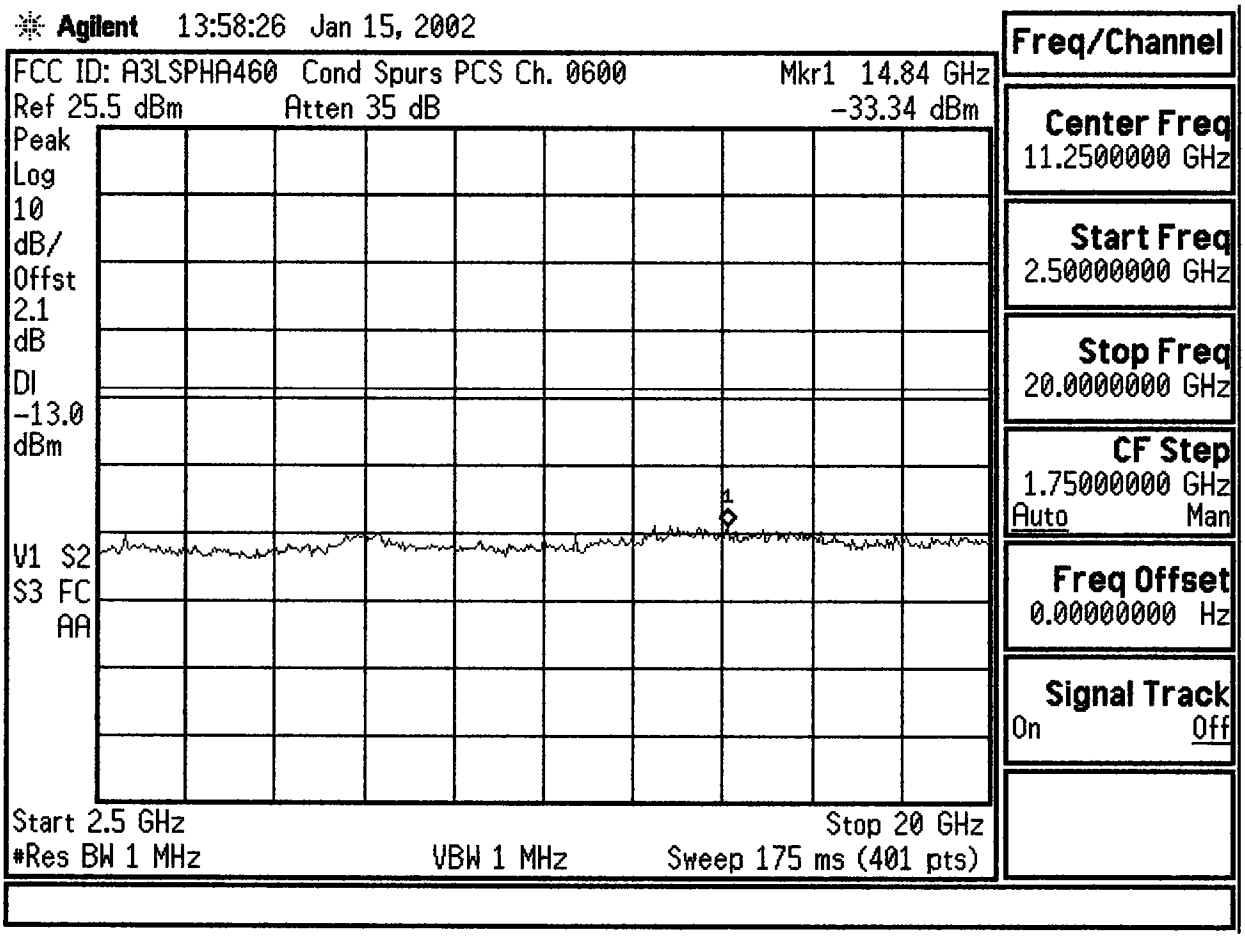

Agilent 15:20:12 Jan 15, 2002
FCC ID: A3LSPHA460 BAND EDGE CDMA Ch. 1013
Ref 25.5 dBm Atten 35 dB
Peak
Log
10
dB/
Offst
1.4
dB
Dl
-13.0
dBm
V1 S2
S3 FC
AA
Center 824 MHz
Span 5 MHz
#Res BW 30 kHz
VBW 30 kHz
Sweep 13.89 ms (401 pts)
Freq/Channel
Center Freq
824.000000 MHz
Start Freq
821.500000 MHz
Stop Freq
826.500000 MHz
CF Step
500.000000 kHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off

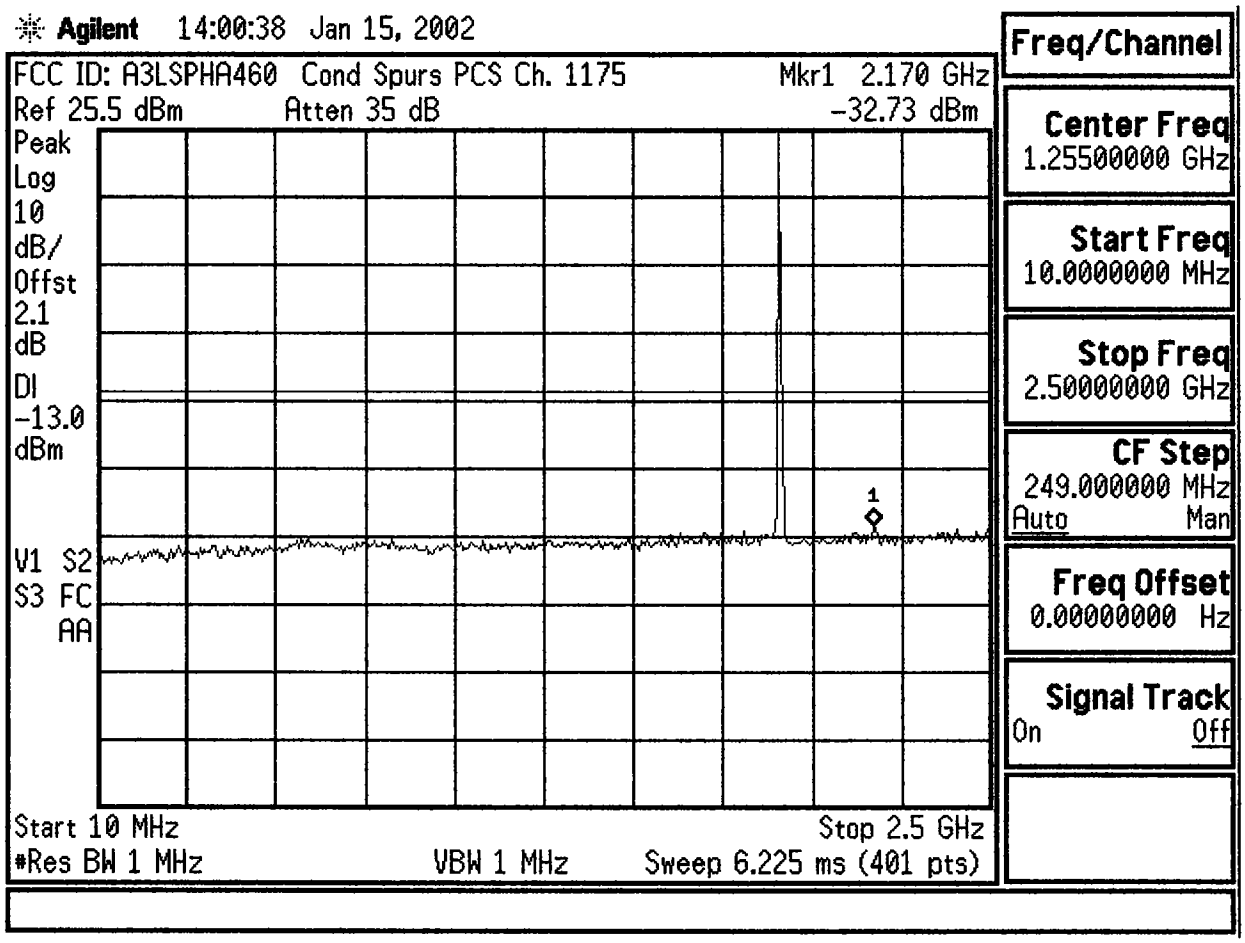

Agilent 15:22:22 Jan 15, 2002
FCC ID: A3LSPHA460 BAND EDGE CDMA Ch. 0777
Ref 25.5 dBm Atten 35 dB
Peak
Log
10
dB/
Offst
1.4
dB
Dl
-13.0
dBm
V1 S2
S3 FC
AA
Center 849 MHz
Span 5 MHz
#Res BW 30 kHz
VBW 30 kHz
Sweep 13.89 ms (401 pts)
Freq/Channel
Center Freq
849.000000 MHz
Start Freq
846.500000 MHz
Stop Freq
851.500000 MHz
CF Step
500.000000 kHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off

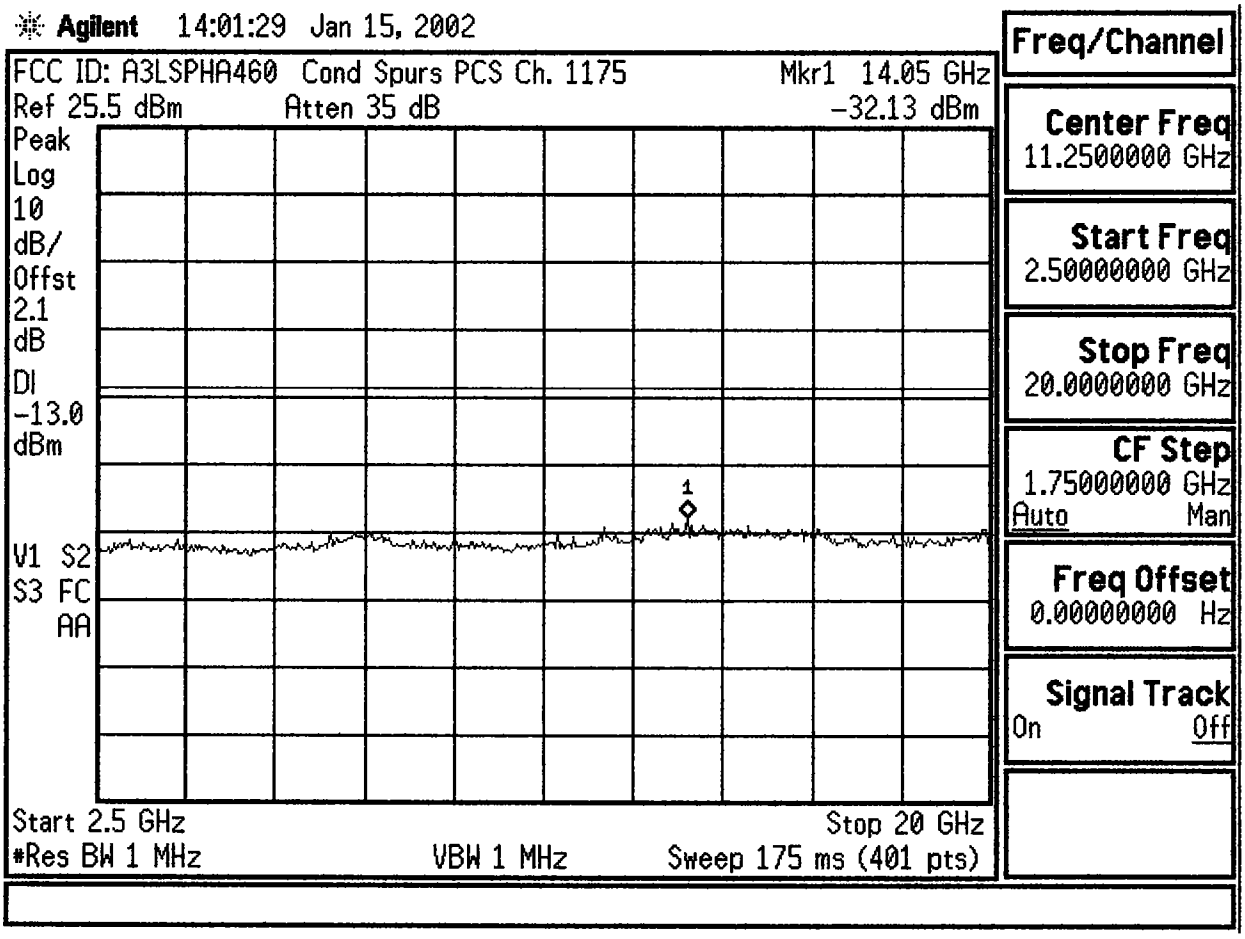

Agilent 13:55:03 Jan 15, 2002
FCC ID: A3LSPHA460 Cond Spurs PCS Ch. 0025
Mkr1 2.481 GHz
Ref 25.5 dBm
Atten 35 dB
-33.76 dBm
Peak
Log
10
dB/
Offst
2.1
dB
Dl
-13.0
dBm
V1 S2
S3 FC
AA
Start 10 MHz
Stop 2.5 GHz
#Res BW 1 MHz
VBW 1 MHz
Sweep 6.225 ms (401 pts)
Freq/Channel
Center Freq
1.25500000 GHz
Start 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

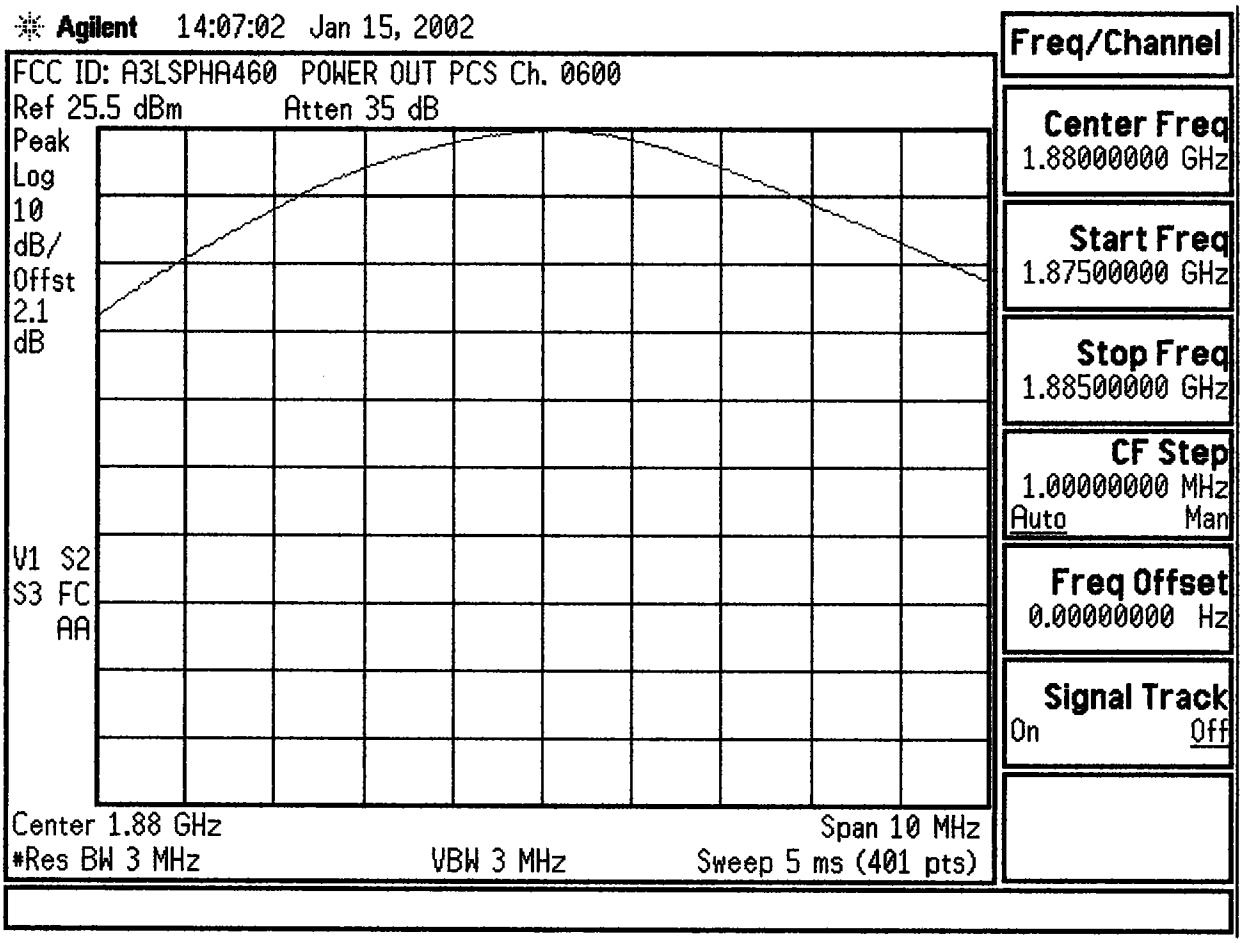

Agilent 13:56:05 Jan 15, 2002
FCC ID: A3LSPHA460 Cond Spurs PCS Ch. 0025
Mkr1 15.06 GHz
Ref 25.5 dBm
Atten 35 dB
-33.01 dBm
Peak
Log
10
dB/
Offst
2.1
dB
Dl
-13.0
dBm
V1 S2
S3 FC
AA
Start 2.5 GHz
Stop 20 GHz
#Res BW 1 MHz
VBW 1 MHz
Sweep 175 ms (401 pts)
Freq/Channel
Center Freq
11.2500000 GHz
Start Freq
2.50000000 GHz
Stop Freq
20.0000000 GHz
CF Step
1.75000000 GHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off

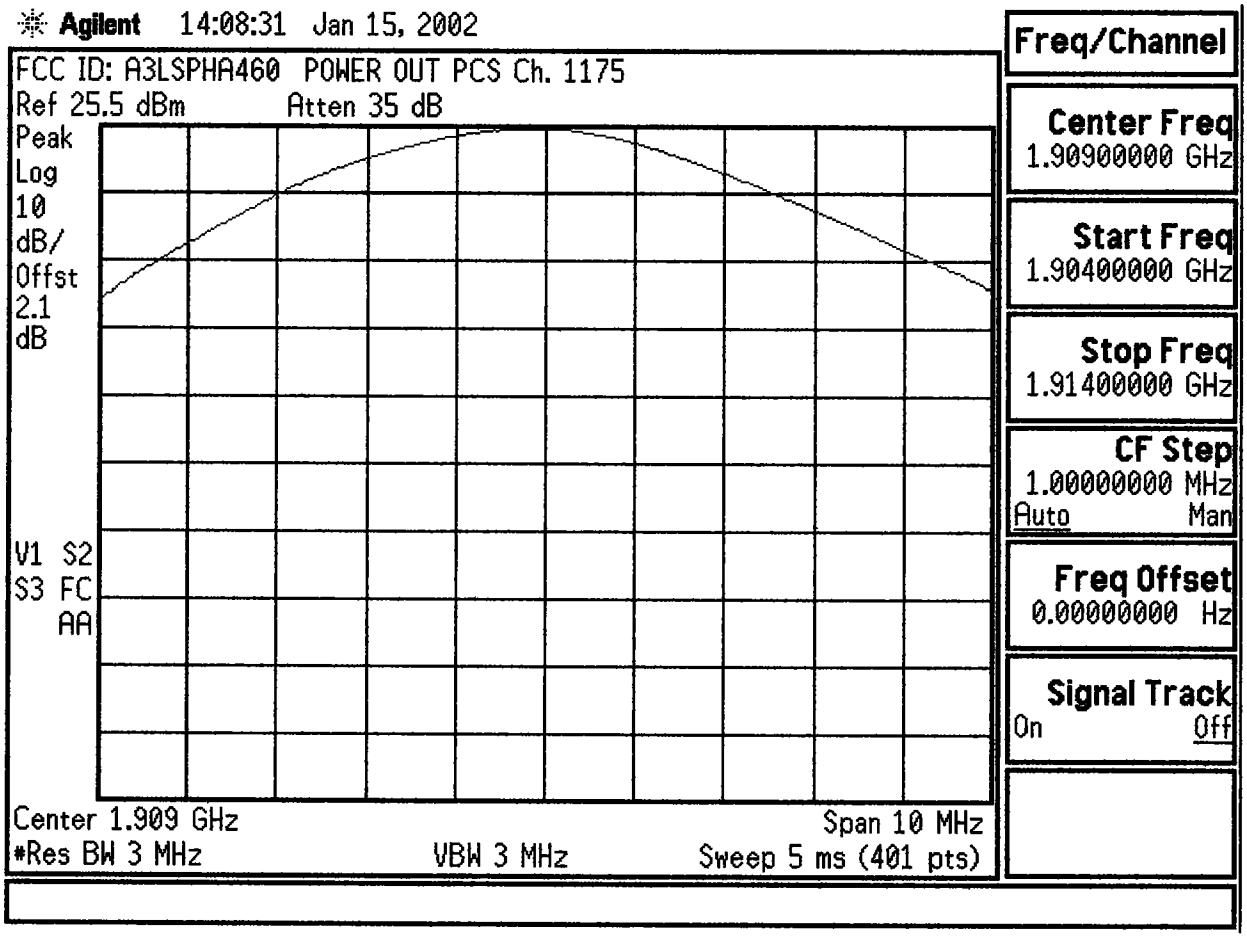

Agilent 13:57:34 Jan 15, 2002
FCC ID: A3LSPHA460 Cond Spurs PCS Ch. 0600
Mkr1 2.145 GHz
Ref 25.5 dBm
Atten 35 dB
-33.12 dBm
Peak
Log
10
dB/
Offst
2.1
dB
Dl
-13.0
dBm
1
V1 S2
S3 FC
AA
Start 10 MHz
Stop 2.5 GHz
#Res BW 1 MHz
VBW 1 MHz
Sweep 6.225 ms (401 pts)
Freq/Channel
Center Freq
1.25500000 GHz
Start 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

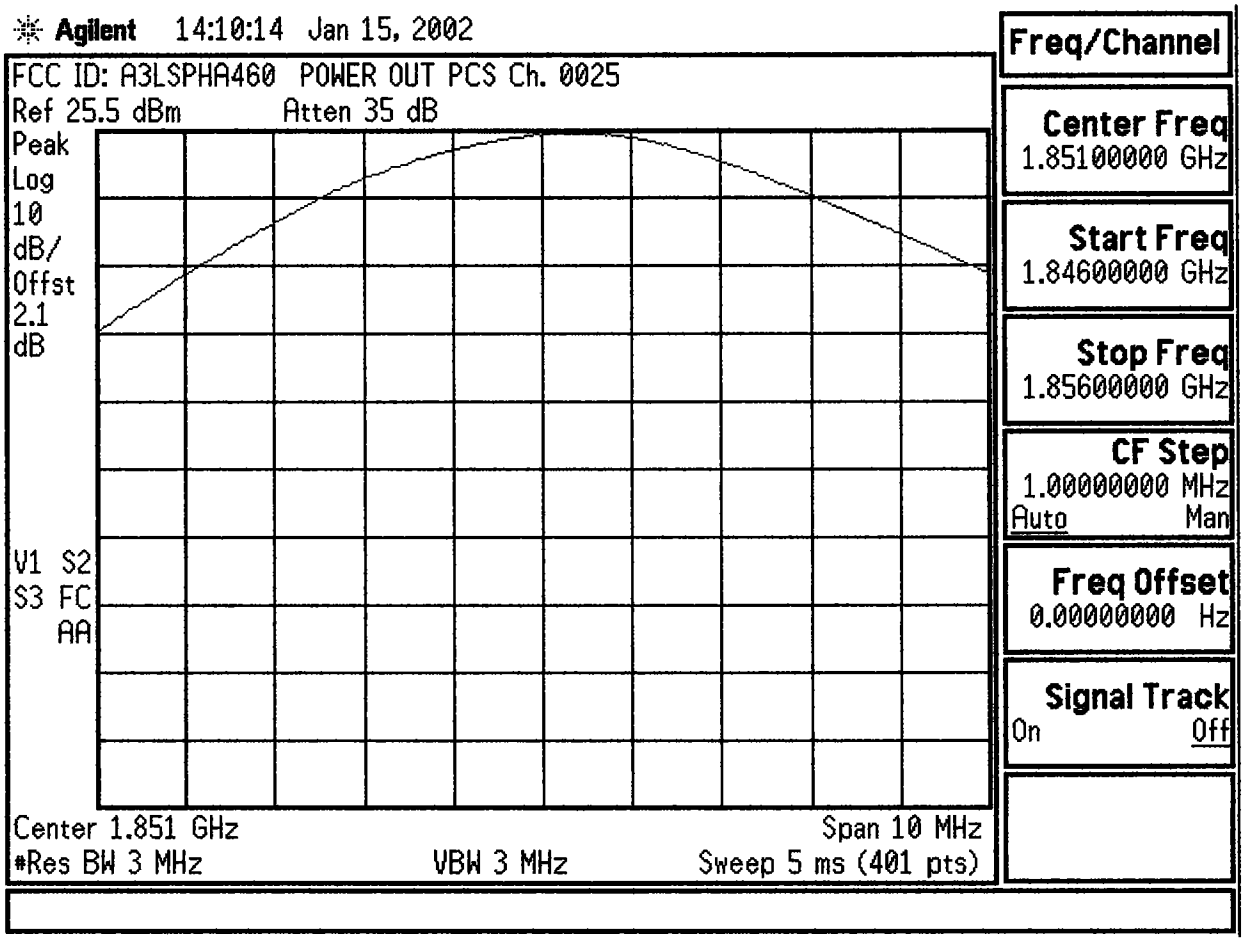

Agilent 13:58:26 Jan 15, 2002
FCC ID: A3LSPHA460 Cond Spurs PCS Ch. 0600
Mkr1 14.84 GHz
Ref 25.5 dBm
Atten 35 dB
-33.34 dBm
Peak
Log
10
dB/
Offst
2.1
dB
Dl
-13.0
dBm
1
V1 S2
S3 FC
AA
Start 2.5 GHz
Stop 20 GHz
#Res BW 1 MHz
VBW 1 MHz
Sweep 175 ms (401 pts)
Freq/Channel
Center Freq
11.2500000 GHz
Start 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

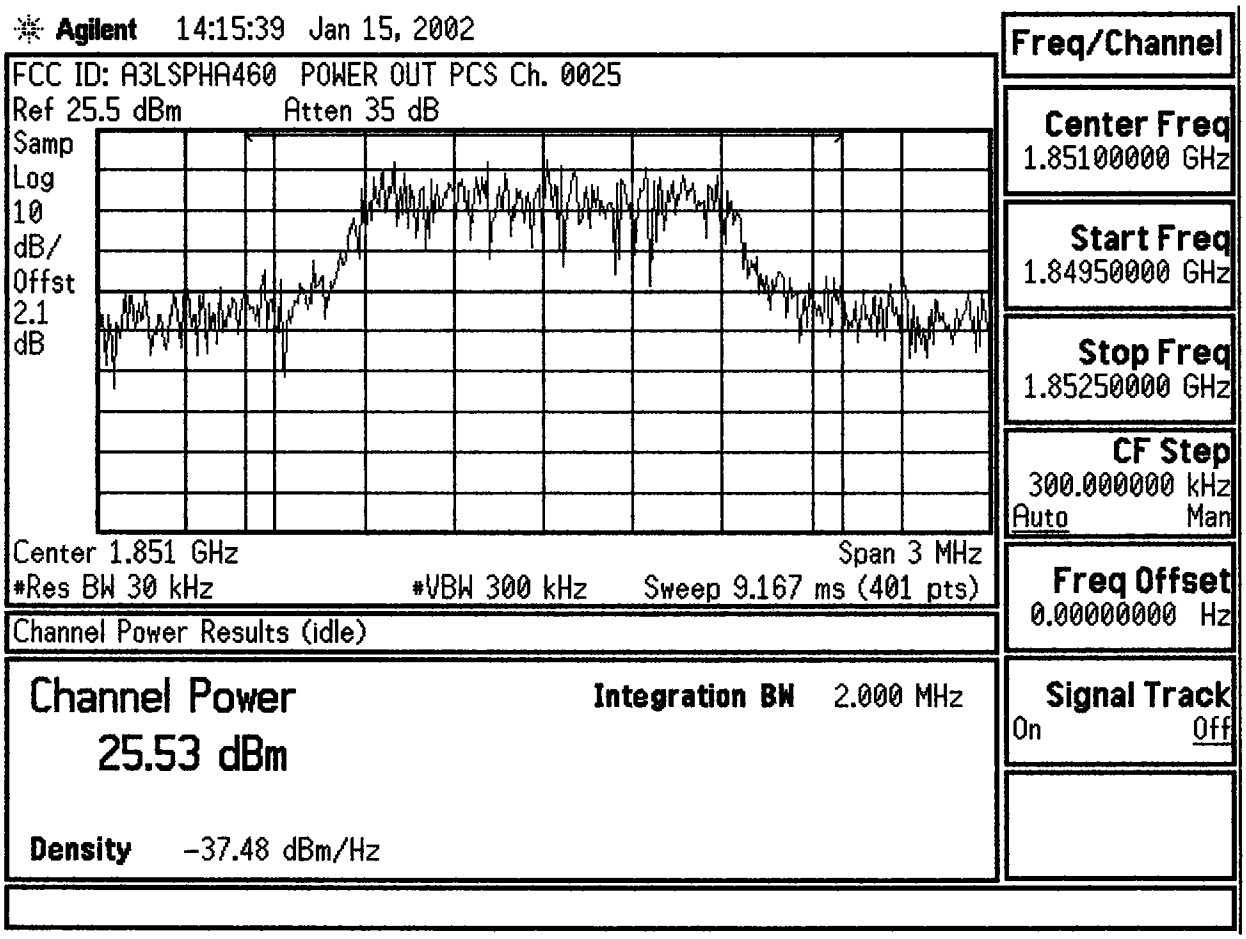

Agilent 14:00:38 Jan 15, 2002
FCC ID: A3LSPHA460 Cond Spurs PCS Ch. 1175
Mkr1 2.170 GHz
Ref 25.5 dBm
Atten 35 dB
-32.73 dBm
Peak
Log
10
dB/
Offst
2.1
dB
Dl
-13.0
dBm
1
V1 S2
S3 FC
AA
Start 10 MHz
Stop 2.5 GHz
#Res BW 1 MHz
VBW 1 MHz
Sweep 6.225 ms (401 pts)
Freq/Channel
Center Freq
1.25500000 GHz
Start 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 14:01:29 Jan 15, 2002
FCC ID: A3LSPHA460 Cond Spurs PCS Ch. 1175
Mkr1 14.05 GHz
Ref 25.5 dBm
Atten 35 dB
-32.13 dBm
Peak
Log
10
dB/
Offst
2.1
dB
Dl
-13.0
dBm
1
V1 S2
S3 FC
AA
Start 2.5 GHz
Stop 20 GHz
#Res BW 1 MHz
VBW 1 MHz
Sweep 175 ms (401 pts)
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 14:07:02 Jan 15, 2002
FCC ID: A3LSPHA460 POWER OUT PCS Ch. 0600
Ref 25.5 dBm Atten 35 dB
Peak
Log
10
dB/
Offst
2.1
dB
V1 S2
S3 FC
AA
Center 1.88 GHz
Span 10 MHz
#Res BW 3 MHz
VBW 3 MHz
Sweep 5 ms (401 pts)
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


Agilent 14:08:31 Jan 15, 2002
FCC ID: A3LSPHA460 POWER OUT PCS Ch. 1175
Ref 25.5 dBm Atten 35 dB
Peak
Log
10
dB/
Offst
2.1
dB
V1 S2
S3 FC
AA
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 14:10:14 Jan 15, 2002
FCC ID: A3LSPHA460 POWER OUT PCS Ch. 0025
Ref 25.5 dBm Atten 35 dB
Peak
Log
10
dB/
Offst
2.1
dB
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

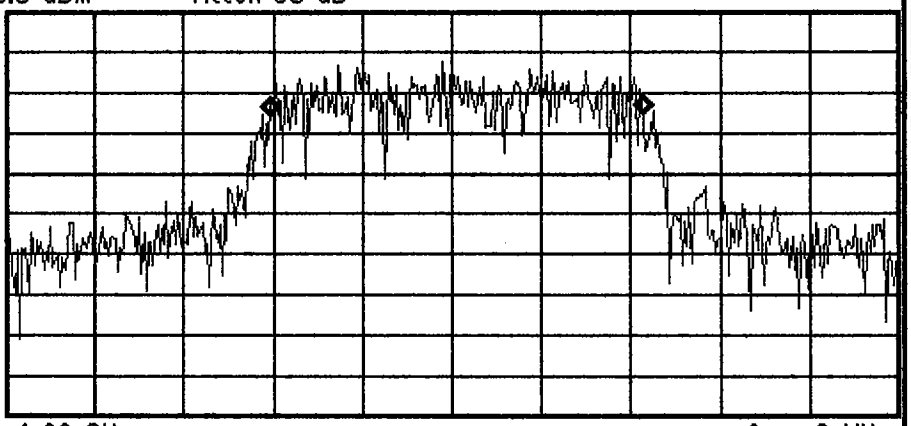

Agilent 14:15:39 Jan 15, 2002
FCC ID: A3LSPHA460 POWER OUT PCS Ch. 0025
Ref 25.5 dBm Atten 35 dB
Samp
Log
10
dB/
Offst
2.1
dB
Center 1.851 GHz
Span 3 MHz
#Res BW 30 kHz
#VBW 300 kHz
Sweep 9.167 ms (401 pts)
Channel Power Results (idle)
Channel Power
25.53 dBm
Integration BW 2.000 MHz
Density -37.48 dBm/Hz
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

Agilent 14:27:59 Jan 15, 2002

FCC ID: A3LSPHA460 POWER OUT PCS Ch. 0600

Ref 25.5 dBm Atten 35 dB

Samp
Log
10
dB/
Offst
2.1
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
1.252 MHz

Occ BW % Pwr 99.00 %

Transmit Freq Error 15.57 kHz

Freq/Channel

Center Freq
1.88000000 GHz

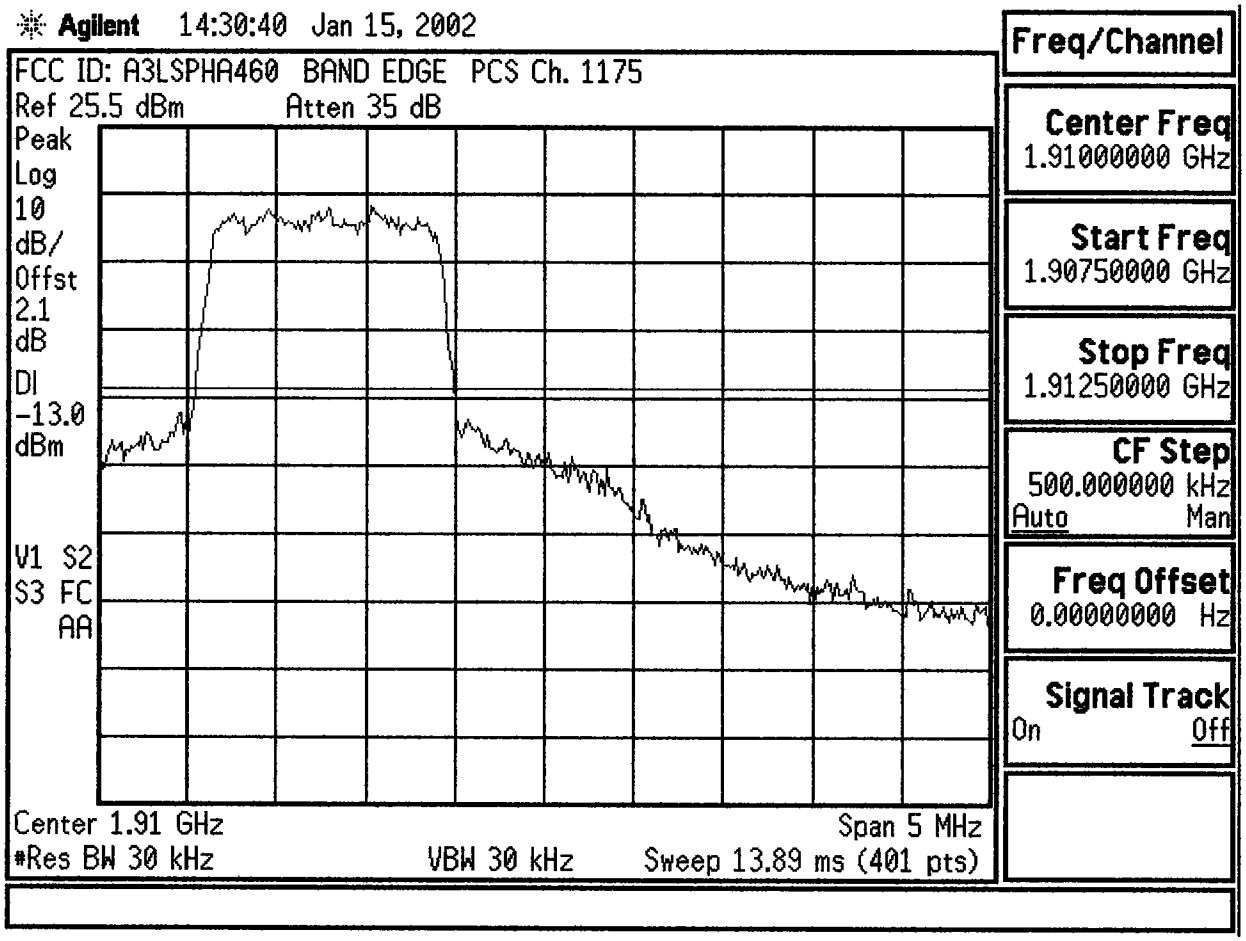
Start Freq
1.87850000 GHz

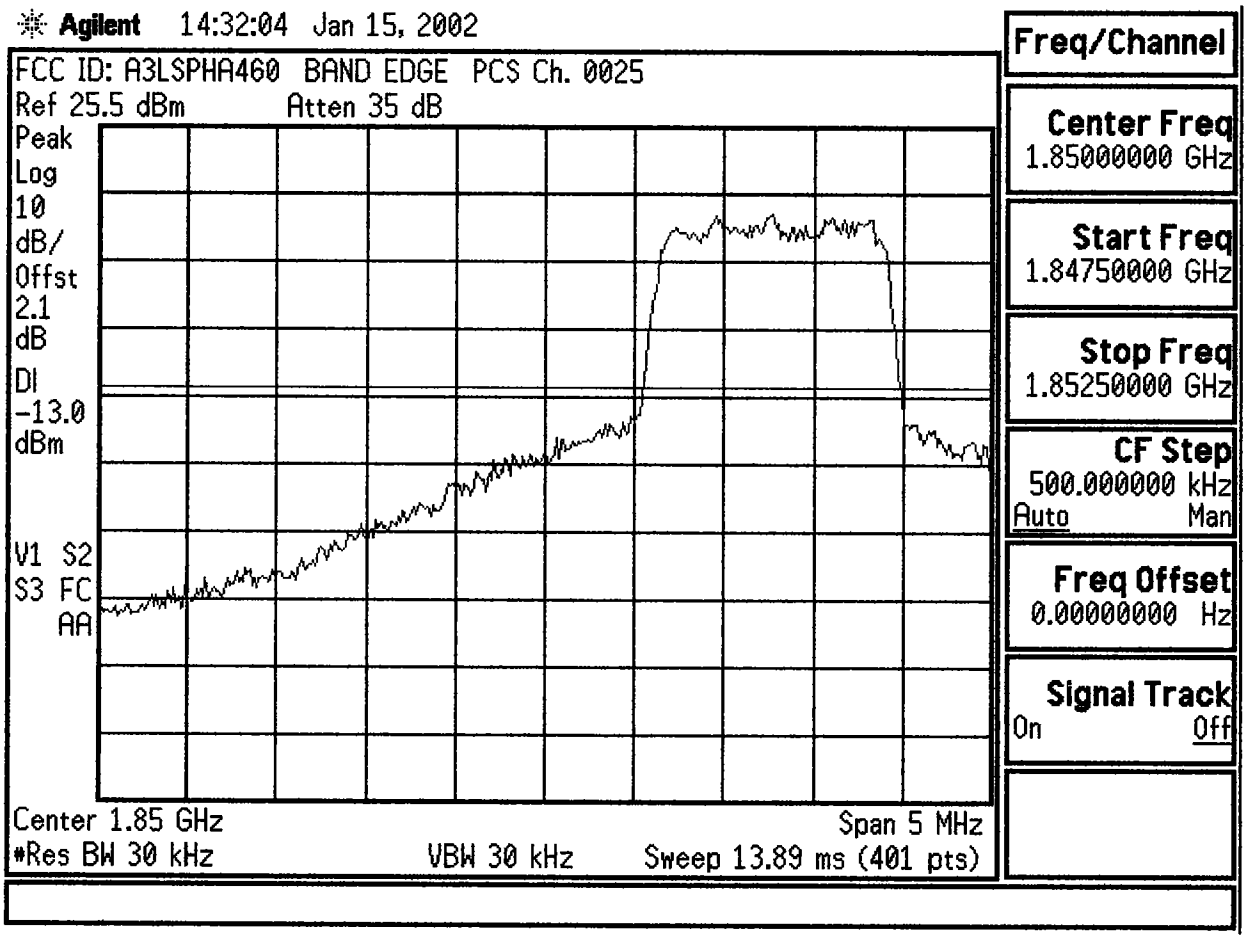
Stop Freq
1.88150000 GHz

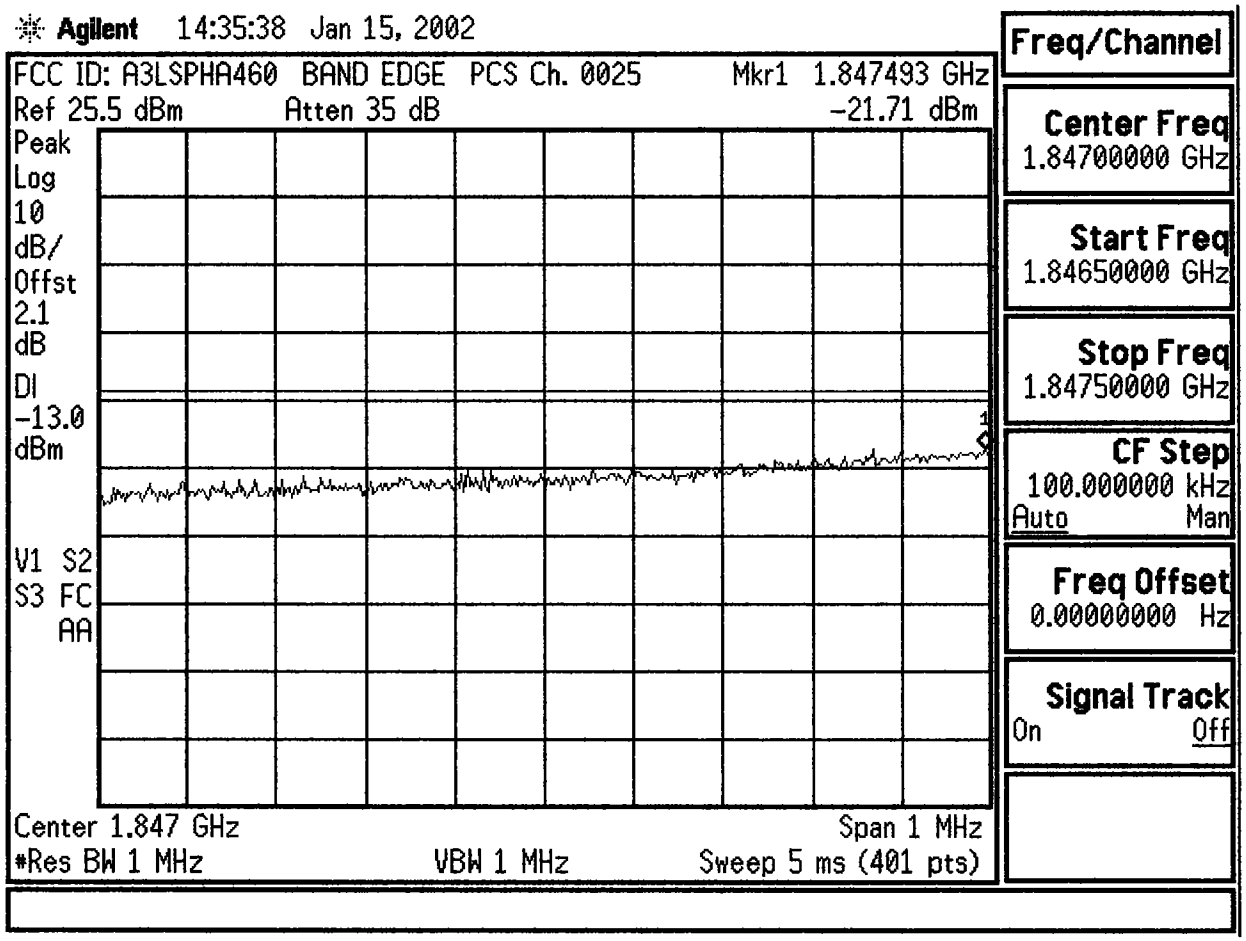
CF Step
300.000000 kHz
Auto Man

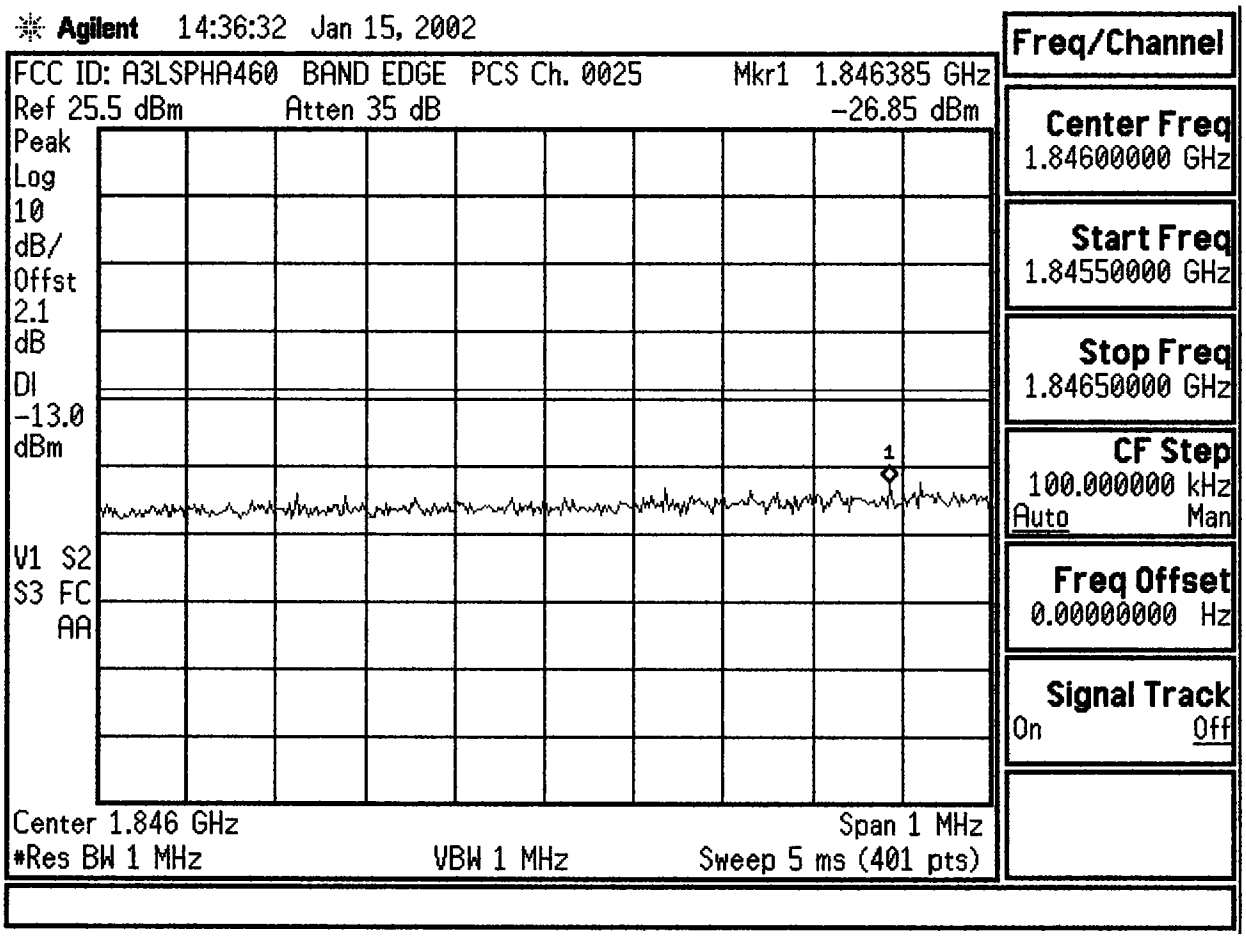
Freq Offset
0.00000000 Hz

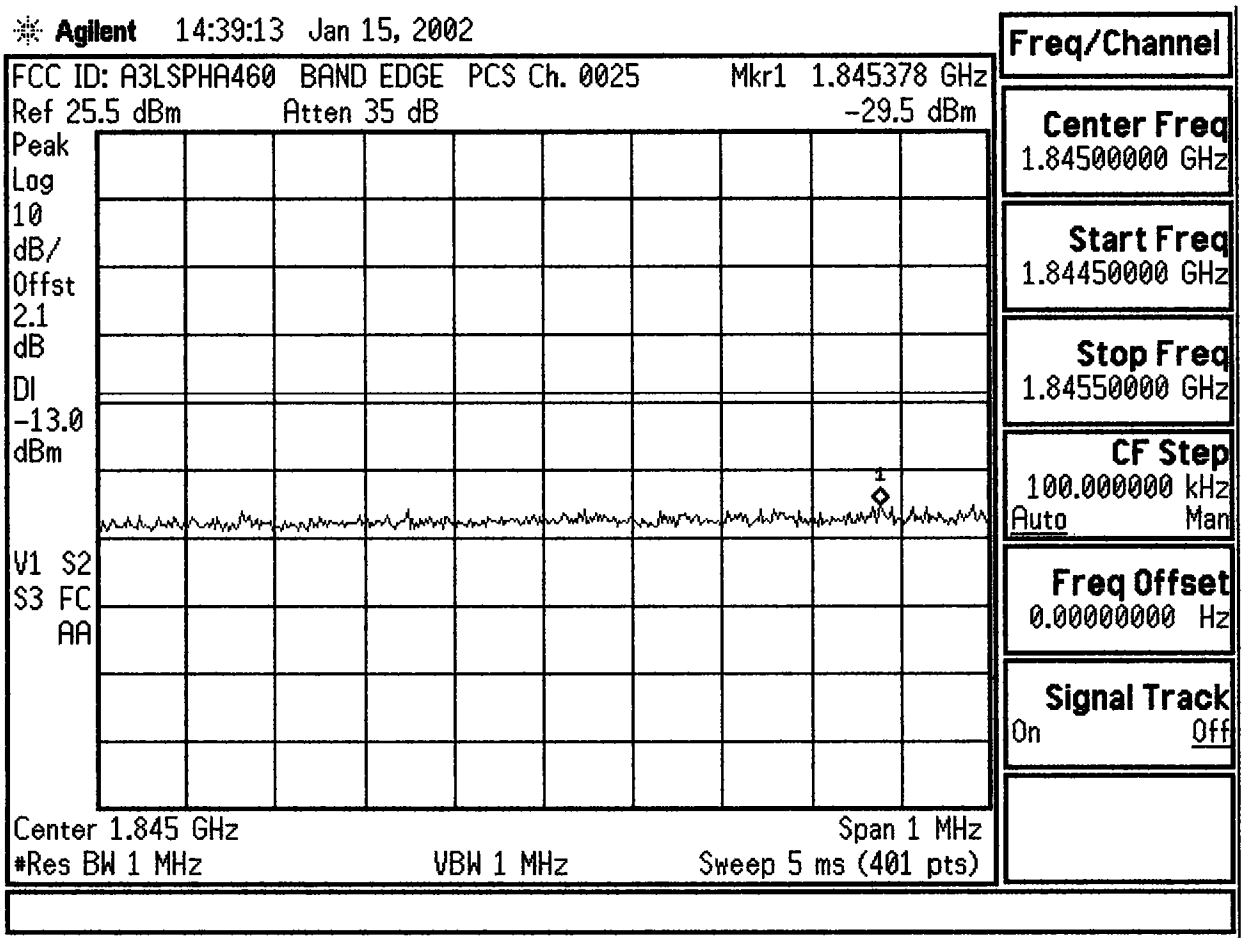
Signal Track
On Off

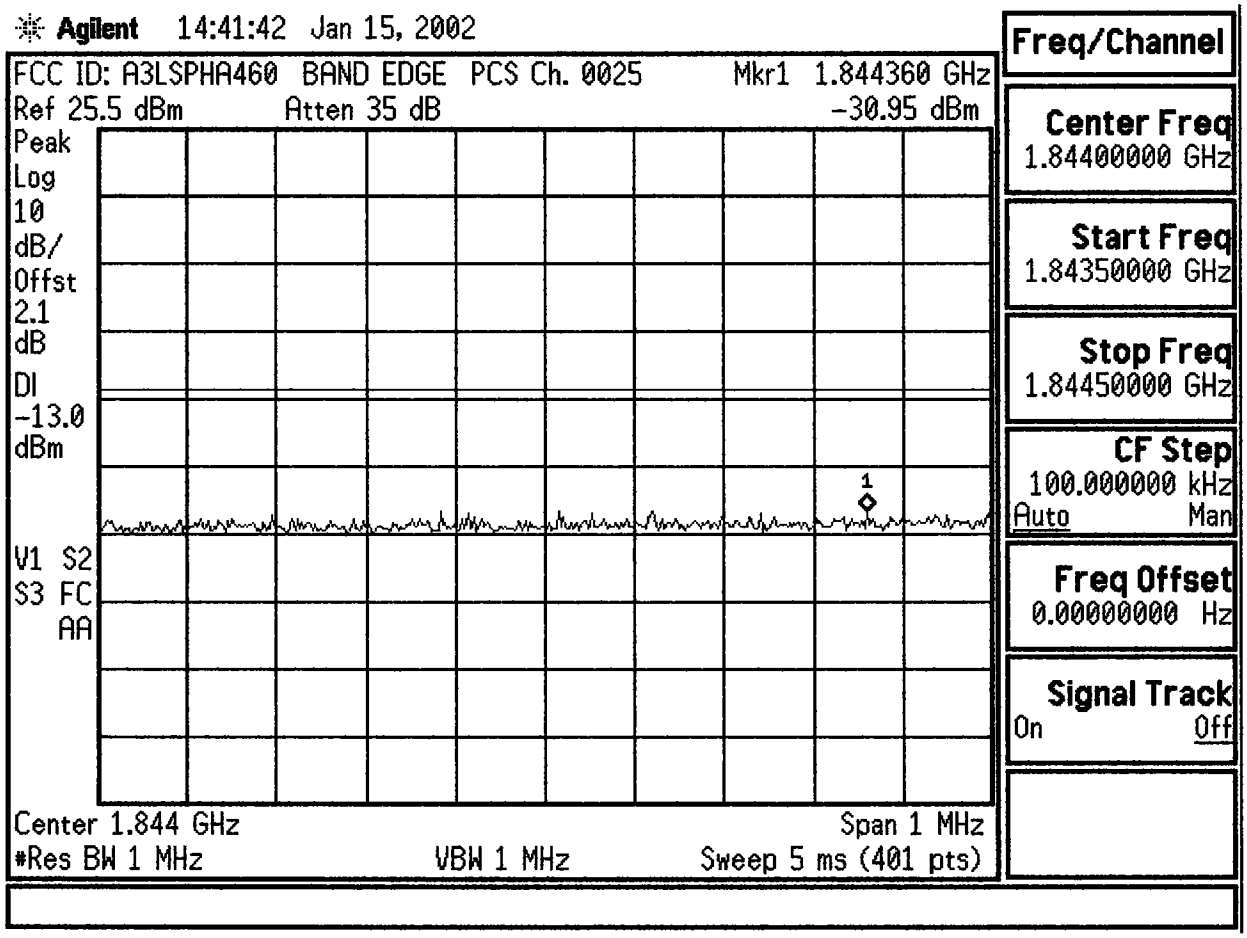

Agilent 14:30:40 Jan 15, 2002
FCC ID: A3LSPHA460 BAND EDGE PCS Ch. 1175
Ref 25.5 dBm Atten 35 dB
Peak
Log
10
dB/
Offst
2.1
dB
Dl
-13.0
dBm
V1 S2
S3 FC
AA
Center 1.91 GHz
Span 5 MHz
#Res BW 30 kHz
VBW 30 kHz
Sweep 13.89 ms (401 pts)
Freq/Channel
Center Freq
1.91000000 GHz
Start Freq
1.90750000 GHz
Stop Freq
1.91250000 GHz
CF Step
500.000000 kHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off

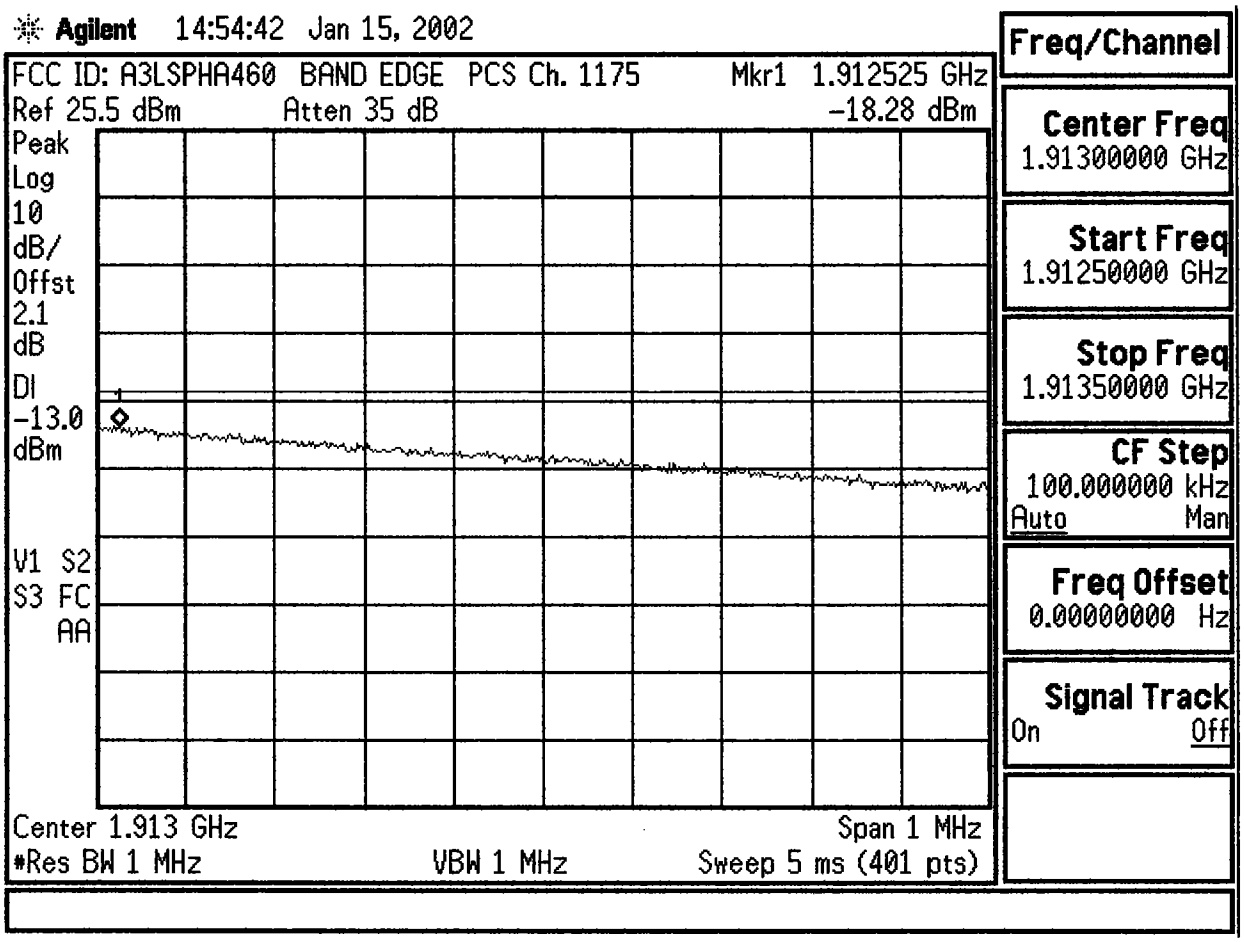

Agilent 14:32:04 Jan 15, 2002
FCC ID: A3LSPHA460 BAND EDGE PCS Ch. 0025
Ref 25.5 dBm Atten 35 dB
Peak
Log
10
dB/
Offst
2.1
dB
Dl
-13.0
dBm
V1 S2
S3 FC
AA
Center 1.85 GHz
Span 5 MHz
#Res BW 30 kHz
VBW 30 kHz
Sweep 13.89 ms (401 pts)
Freq/Channel
Center Freq
1.85000000 GHz
Start Freq
1.84750000 GHz
Stop Freq
1.85250000 GHz
CF Step
500.000000 kHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off

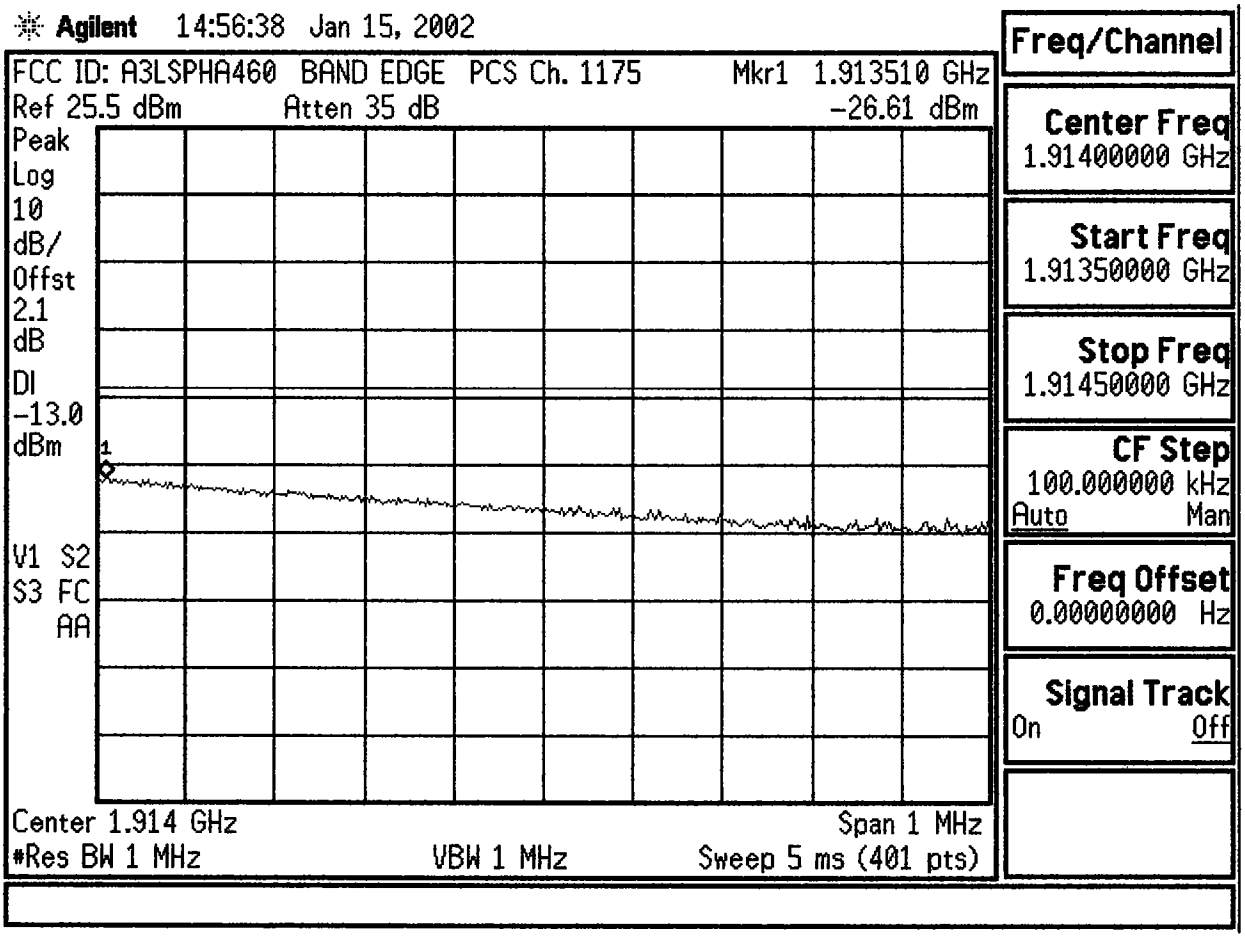

Agilent 14:35:38 Jan 15, 2002
FCC ID: A3LSPHA460 BAND EDGE PCS Ch. 0025
Mkr1 1.847493 GHz
Ref 25.5 dBm
Atten 35 dB
-21.71 dBm
Peak
Log
10
dB/
Offst
2.1
dB
Dl
-13.0
dBm
V1 S2
S3 FC
AA
Center 1.847 GHz
Span 1 MHz
#Res BW 1 MHz
VBW 1 MHz
Sweep 5 ms (401 pts)
Freq/Channel
Center Freq
1.84700000 GHz
Start 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

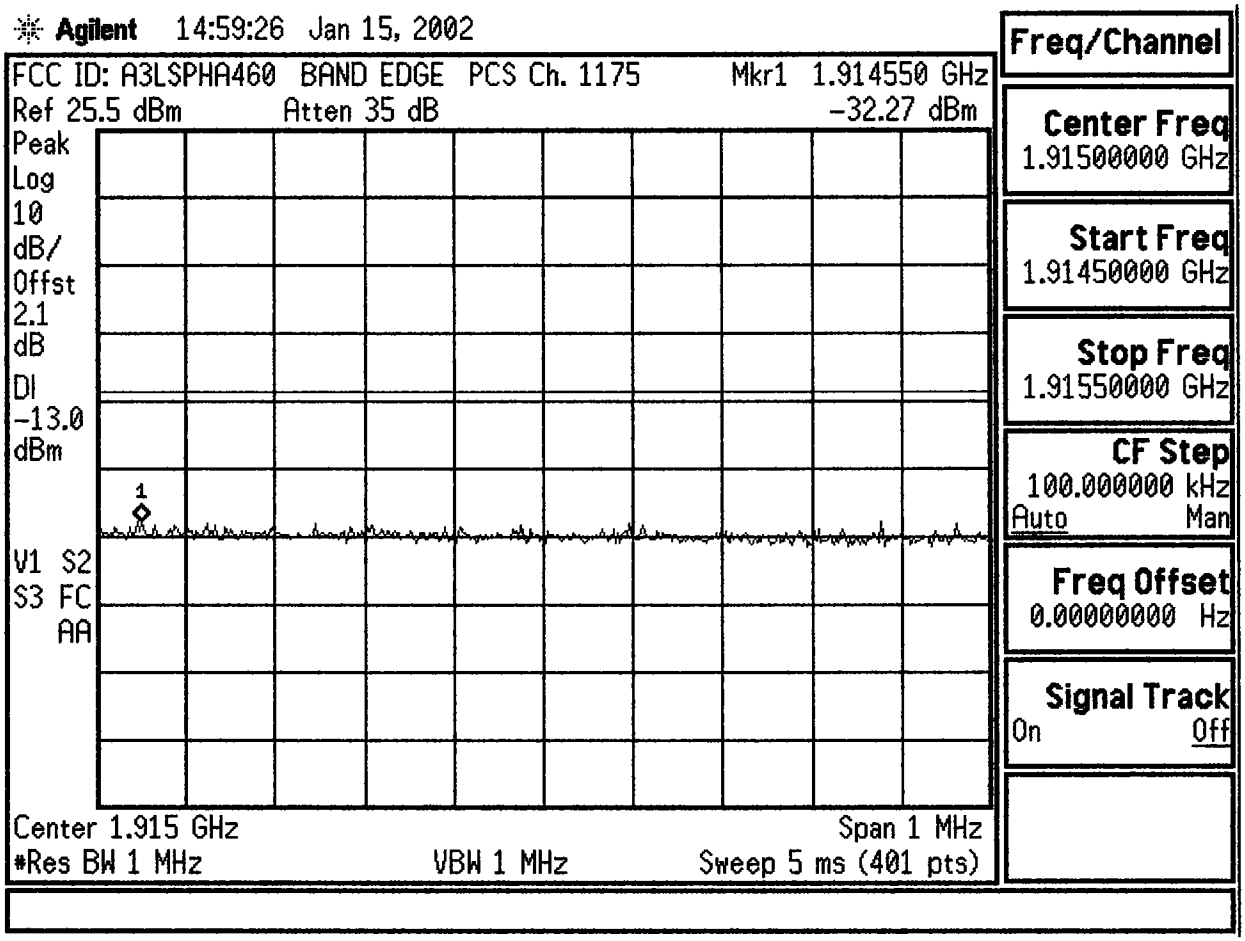

Agilent 14:36:32 Jan 15, 2002
FCC ID: A3LSPHA460 BAND EDGE PCS Ch. 0025
Mkr1 1.846385 GHz
Ref 25.5 dBm
Atten 35 dB
-26.85 dBm
Peak
Log
10
dB/
Offst
2.1
dB
Dl
-13.0
dBm
V1 S2
S3 FC
AA
Center 1.846 GHz
Span 1 MHz
#Res BW 1 MHz
VBW 1 MHz
Sweep 5 ms (401 pts)
Freq/Channel
Center Freq
1.84600000 GHz
Start 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

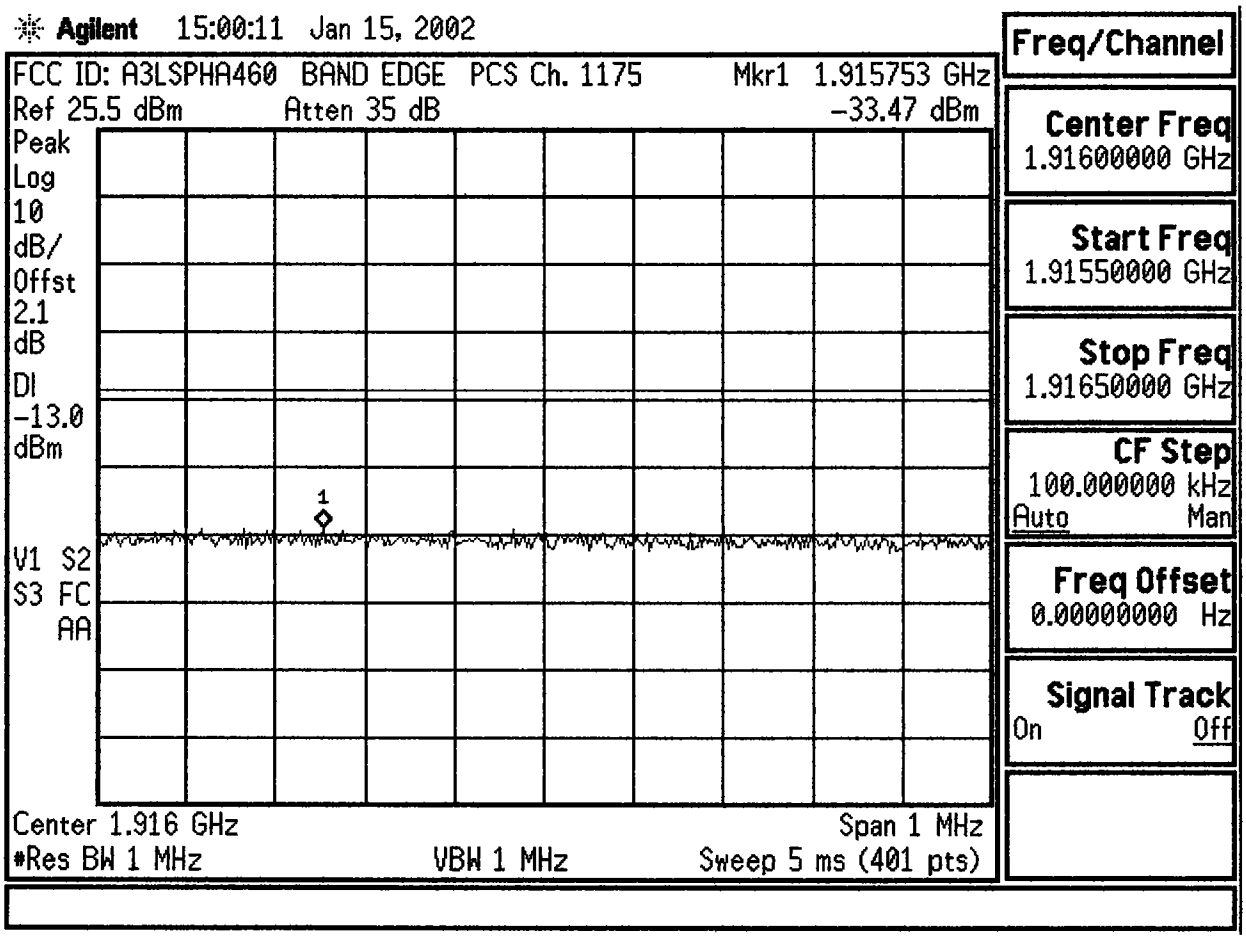

Agilent 14:39:13 Jan 15, 2002
FCC ID: A3LSPHA460 BAND EDGE PCS Ch. 0025
Mkr1 1.845378 GHz
Ref 25.5 dBm
Atten 35 dB
-29.5 dBm
Peak
Log
10
dB/
Offst
2.1
dB
Dl
-13.0
dBm
V1 S2
S3 FC
AA
Center 1.845 GHz
Span 1 MHz
#Res BW 1 MHz
VBW 1 MHz
Sweep 5 ms (401 pts)
Freq/Channel
Center Freq
1.84500000 GHz
Start 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 14:41:42 Jan 15, 2002
FCC ID: A3LSPHA460 BAND EDGE PCS Ch. 0025
Mkr1 1.844360 GHz
Ref 25.5 dBm
Atten 35 dB
-30.95 dBm
Peak
Log
10
dB/
Offst
2.1
dB
Dl
-13.0
dBm
V1 S2
S3 FC
AA
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 14:54:42 Jan 15, 2002
FCC ID: A3LSPHA460 BAND EDGE PCS Ch. 1175
Mkr1 1.912525 GHz
Ref 25.5 dBm
Atten 35 dB
-18.28 dBm
Peak
Log
10
dB/
Offst
2.1
dB
Dl
-13.0
dBm
V1 S2
S3 FC
AA
Center 1.913 GHz
Span 1 MHz
#Res BW 1 MHz
VBW 1 MHz
Sweep 5 ms (401 pts)
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 14:56:38 Jan 15, 2002
FCC ID: A3LSPHA460 BAND EDGE PCS Ch. 1175
Mkr1 1.913510 GHz
Ref 25.5 dBm
Atten 35 dB
-26.61 dBm
Peak
Log
10
dB/
Offst
2.1
dB
Dl
-13.0
dBm
V1 S2
S3 FC
AA
Center 1.914 GHz
Span 1 MHz
#Res BW 1 MHz
VBW 1 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 14:59:26 Jan 15, 2002
FCC ID: A3LSPHA460 BAND EDGE PCS Ch. 1175
Mkr1 1.914550 GHz
Ref 25.5 dBm
Atten 35 dB
-32.27 dBm
Peak
Log
10
dB/
Offst
2.1
dB
Dl
-13.0
dBm
1
V1 S2
S3 FC
AA
Center 1.915 GHz
Span 1 MHz
#Res BW 1 MHz
VBW 1 MHz
Sweep 5 ms (401 pts)
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

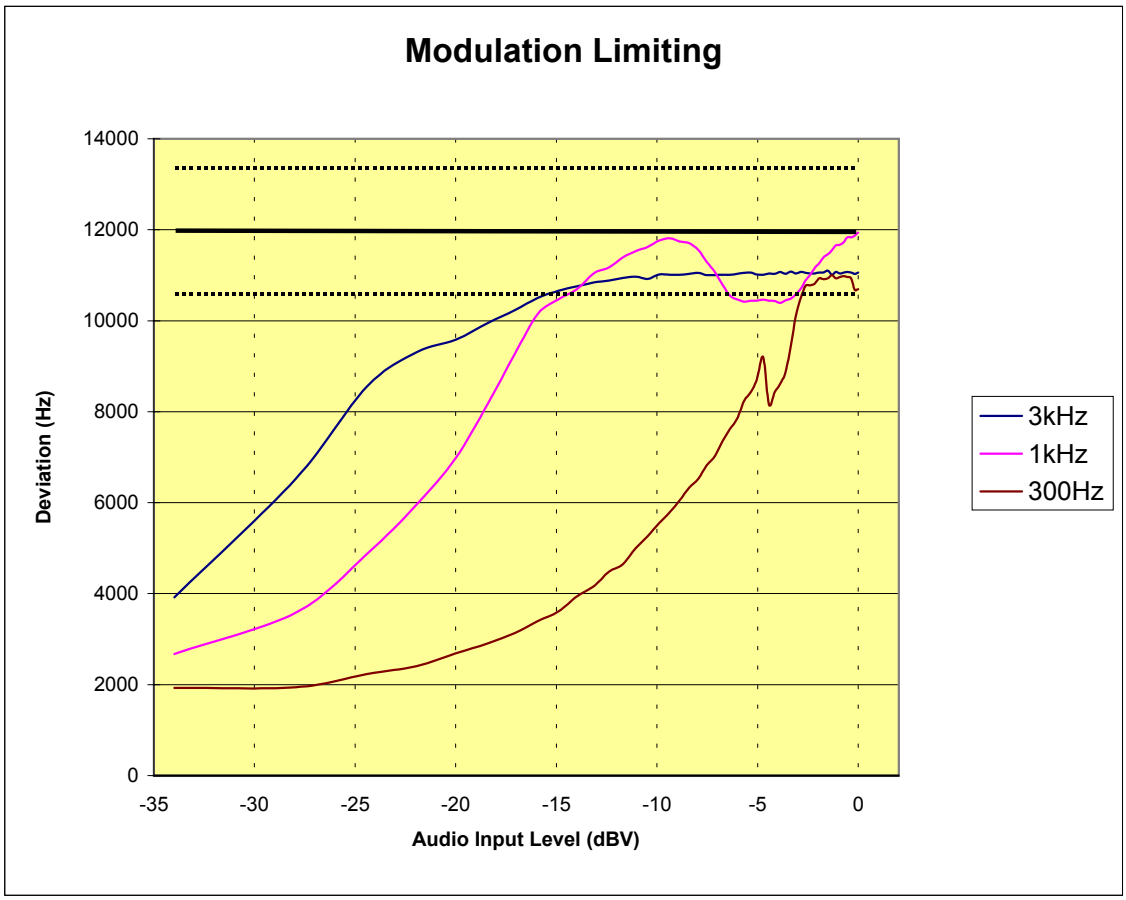

Agilent 15:00:11 Jan 15, 2002
FCC ID: A3LSPHA460 BAND EDGE PCS Ch. 1175
Mkr1 1.915753 GHz
Ref 25.5 dBm
Atten 35 dB
-33.47 dBm
Peak
Log
10
dB/
Offst
2.1
dB
Dl
-13.0
dBm
1
V1 S2
S3 FC
AA
Center 1.916 GHz
Span 1 MHz
#Res BW 1 MHz
VBW 1 MHz
Sweep 5 ms (401 pts)
Freq/Channel
Center Freq
1.91600000 GHz
Start 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

SUBJECT: Modulation Characteristics
FCC Part 24/22

Test Report No. 24/22.220131010.A3L
Test Date: 02.27 - 03.01.2002

EUT: SAMSUNG Tri-mode Dual-Band Analog/PCS Phone (AMPS/CDMA)
Model: *SPH-A460*
FCC ID: **A3LSPHA460**

REFERENCE: 1 kHz = 0 dB



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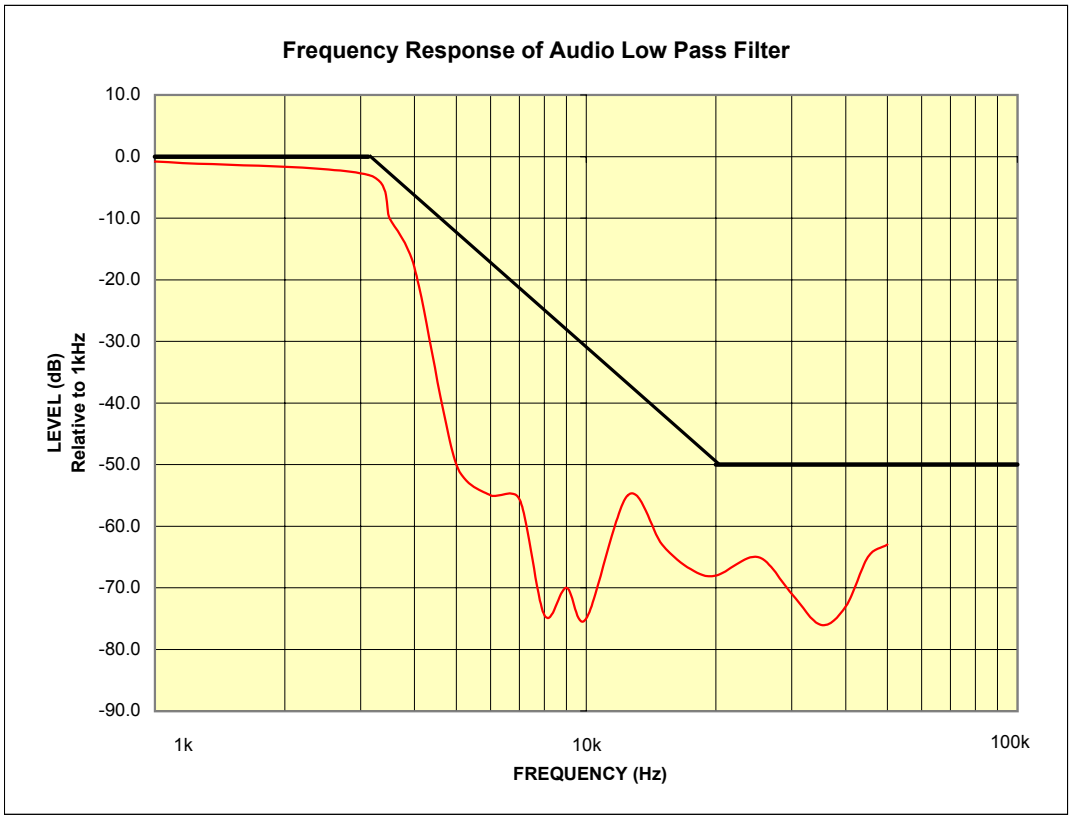

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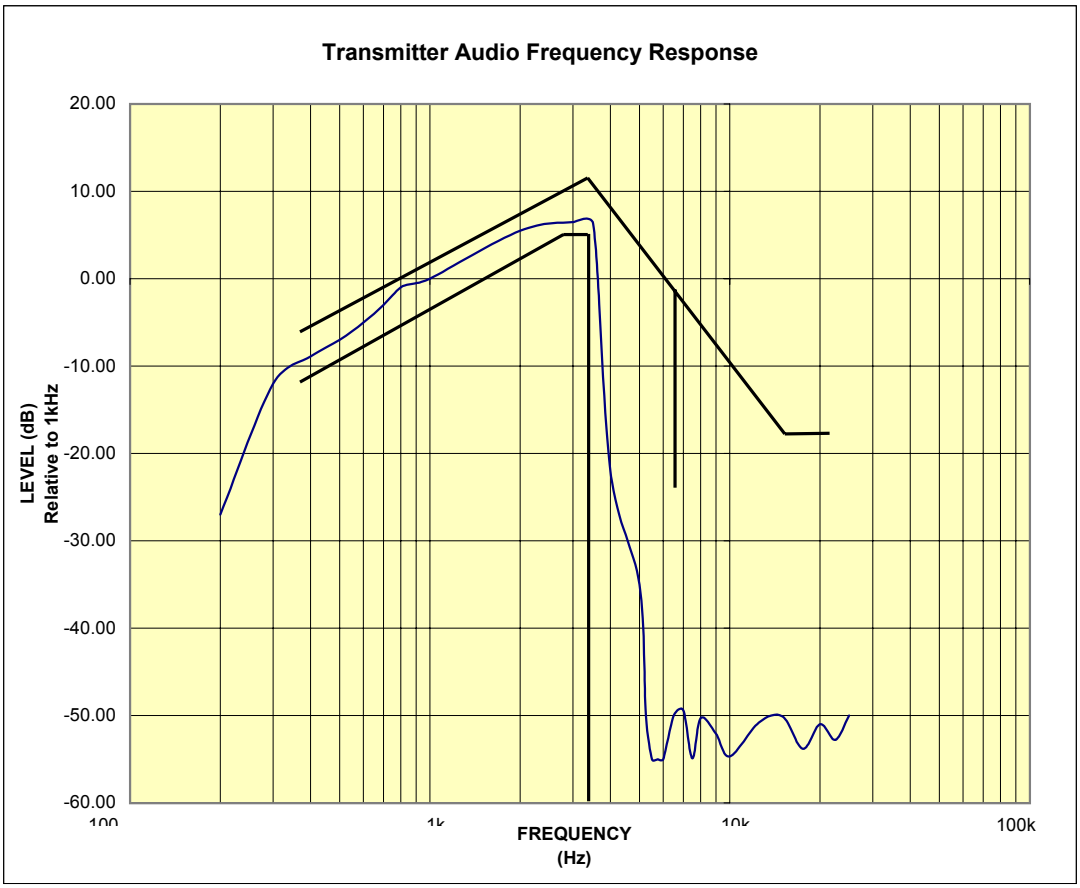
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