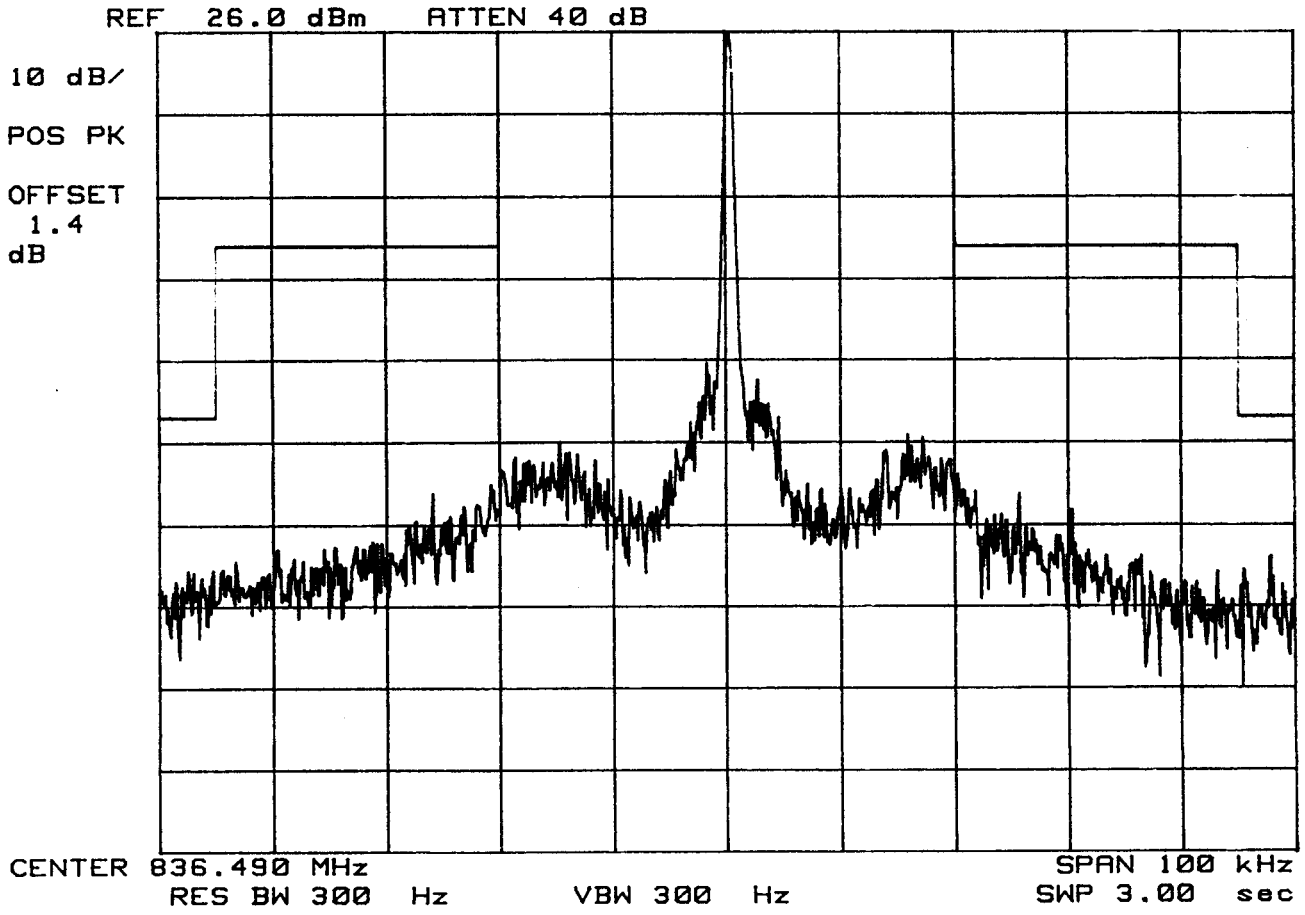
PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSPHN300
SAMSUNG Electronics
Tri Mode
FM Channel: 0383
Operating Frequency: 836.490 MHz
Output Power : 26.0 dBm

Test Mode:Unmodulated Signal

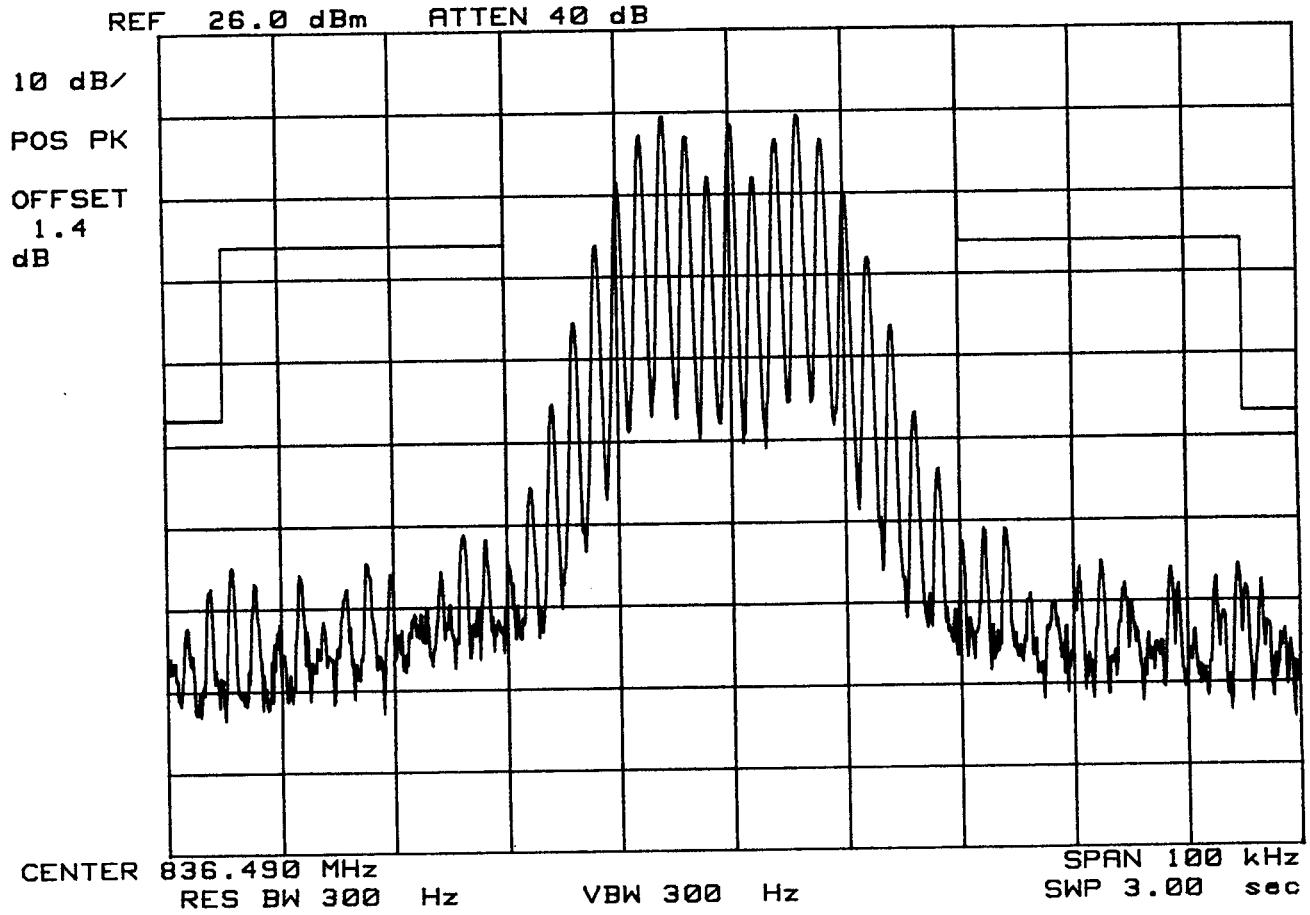


PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSPHN300
SAMSUNG Electronics
Tri-Mode Phone
FM Channel 0383
Operating Frequency: 836.490 MHz
Output Power : 26.0 dBm

Test Mode:Voice

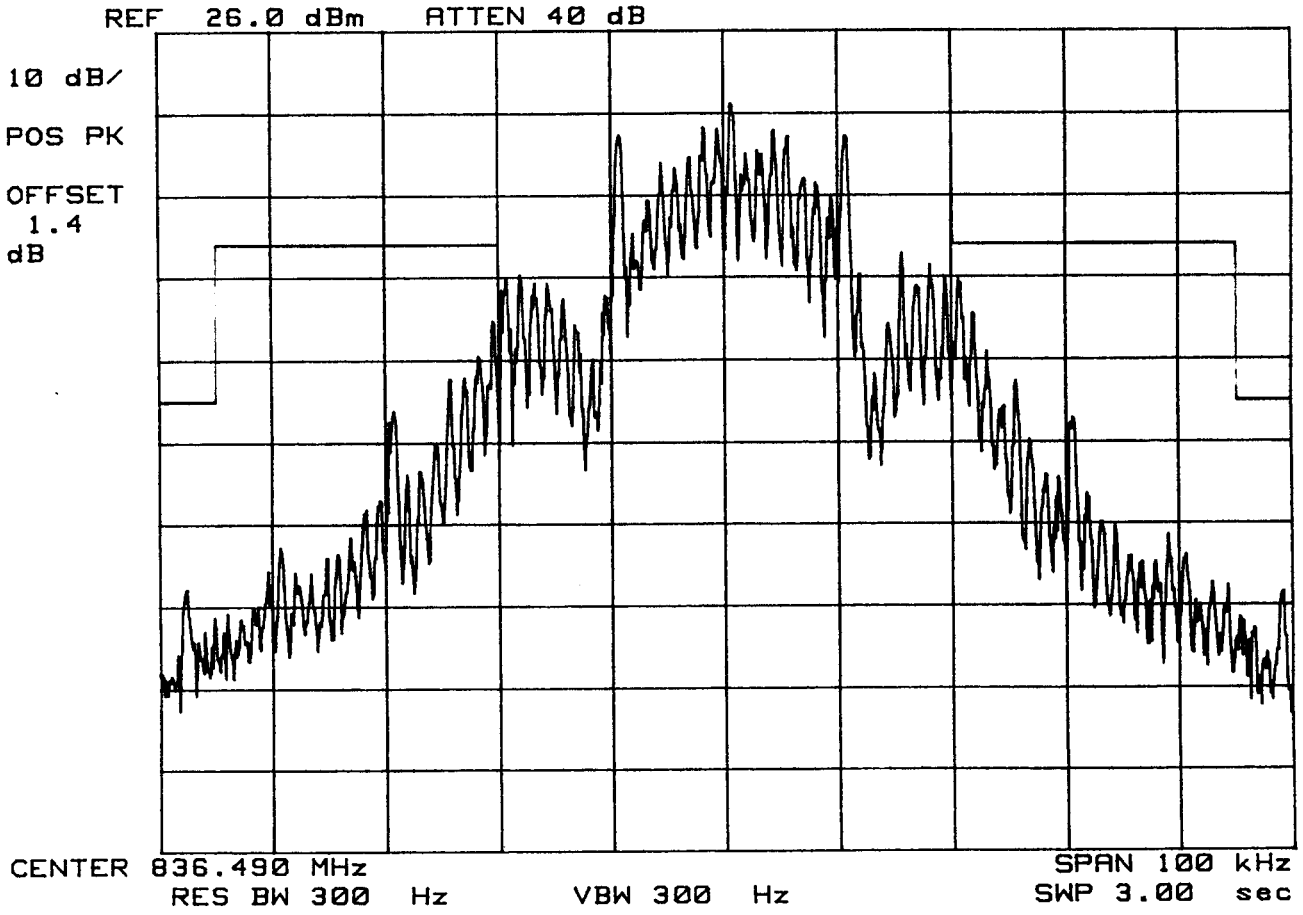


PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSPHN300
SAMSUNG Electronics
Tri Mode Phone
FM Channel: 0383
Operating Frequency: 836.490 MHz
Output Power : 26.0 dBm

Test Mode:Wide Band Data

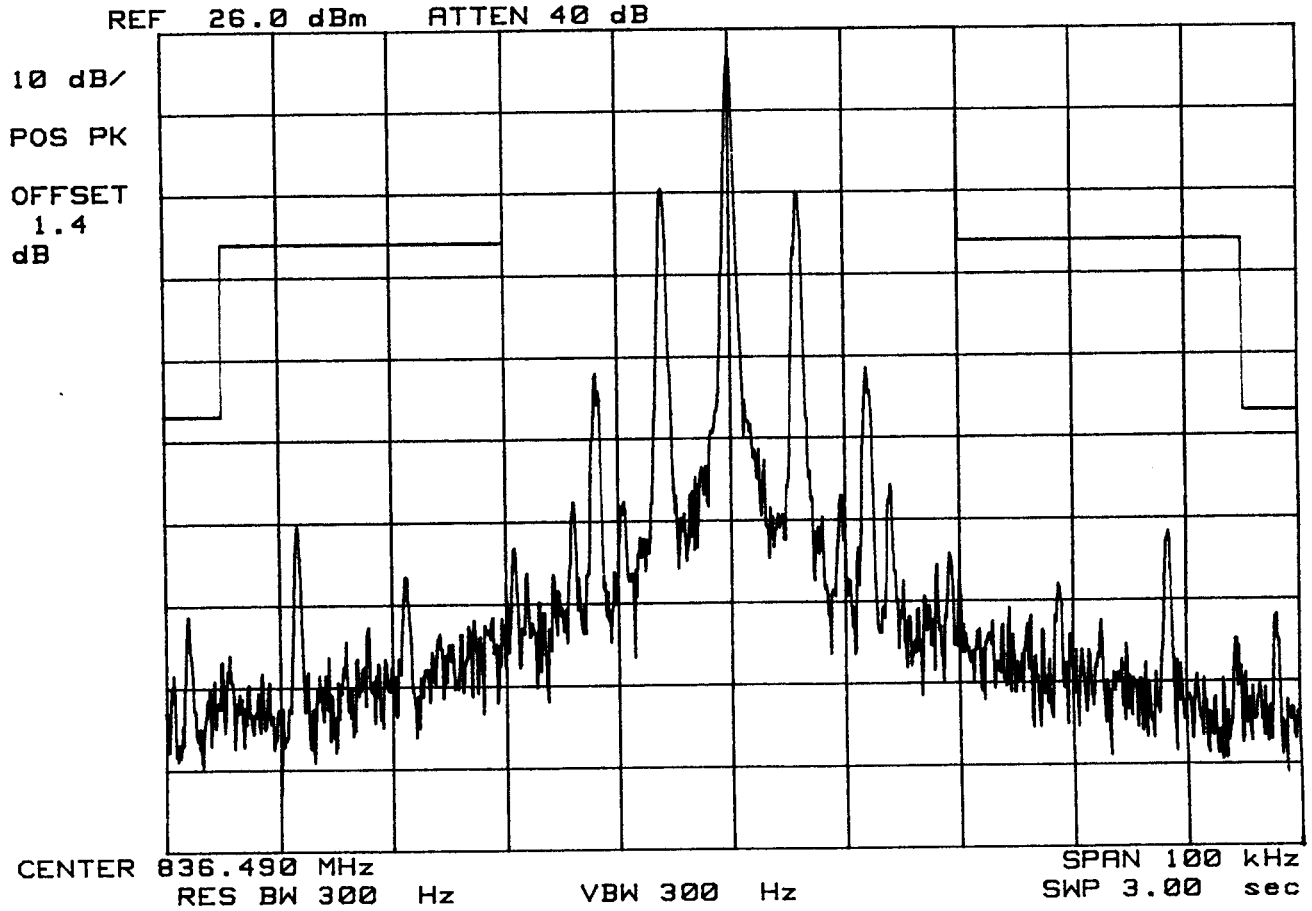


PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSPHN300
SAMSUNG Electronics
Tri Mode Phone
FM Channel: 0383
Operating Frequency: 836.490 MHz
Output Power : 26.0 dBm

Test Mode:SAT

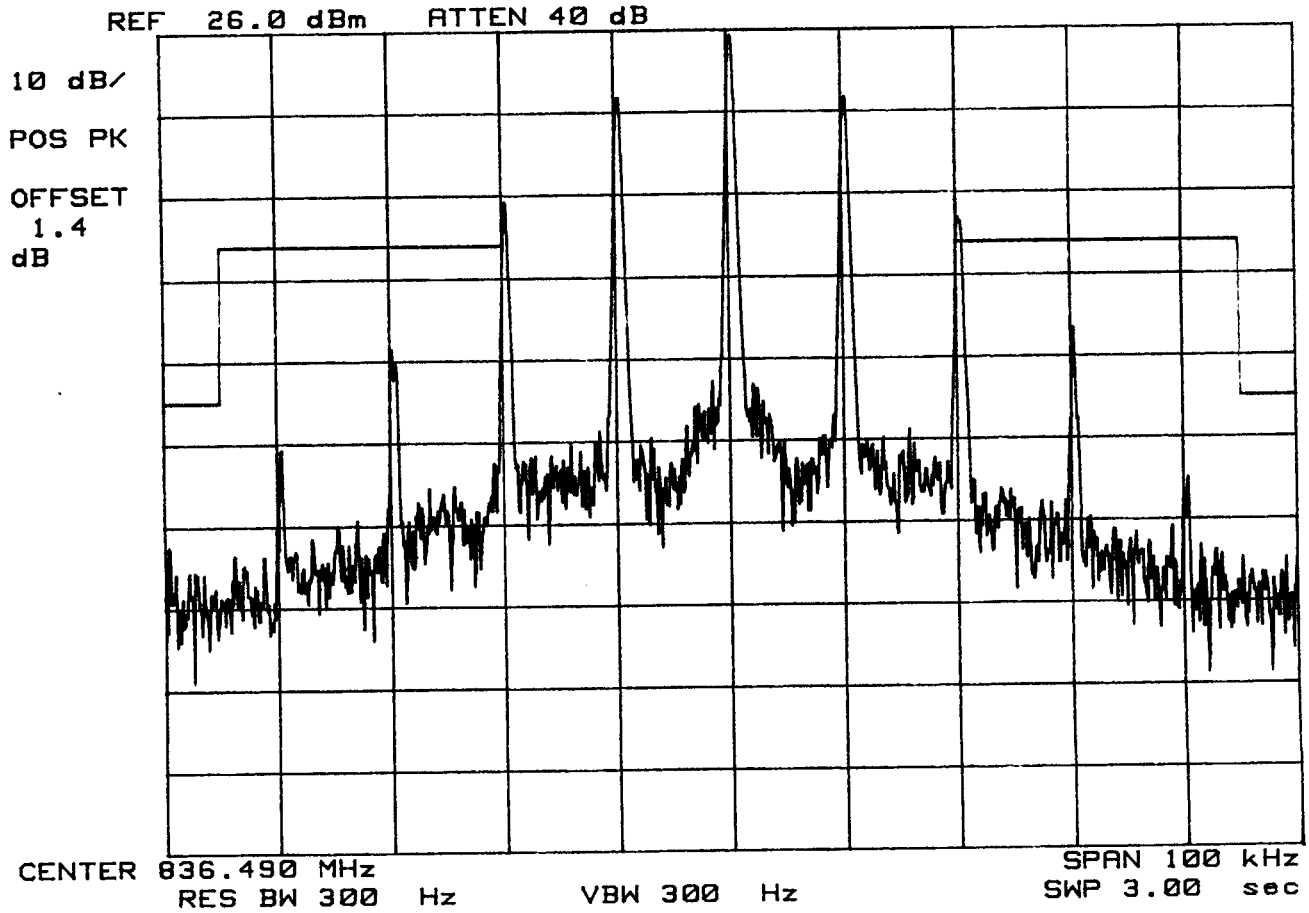


PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSPHN300
SAMSUNG Electronics
Tri Mode Phone
FM Channel: 0383
Operating Frequency: 836.490 MHz
Output Power : 26.0 dBm

Test Mode:ST

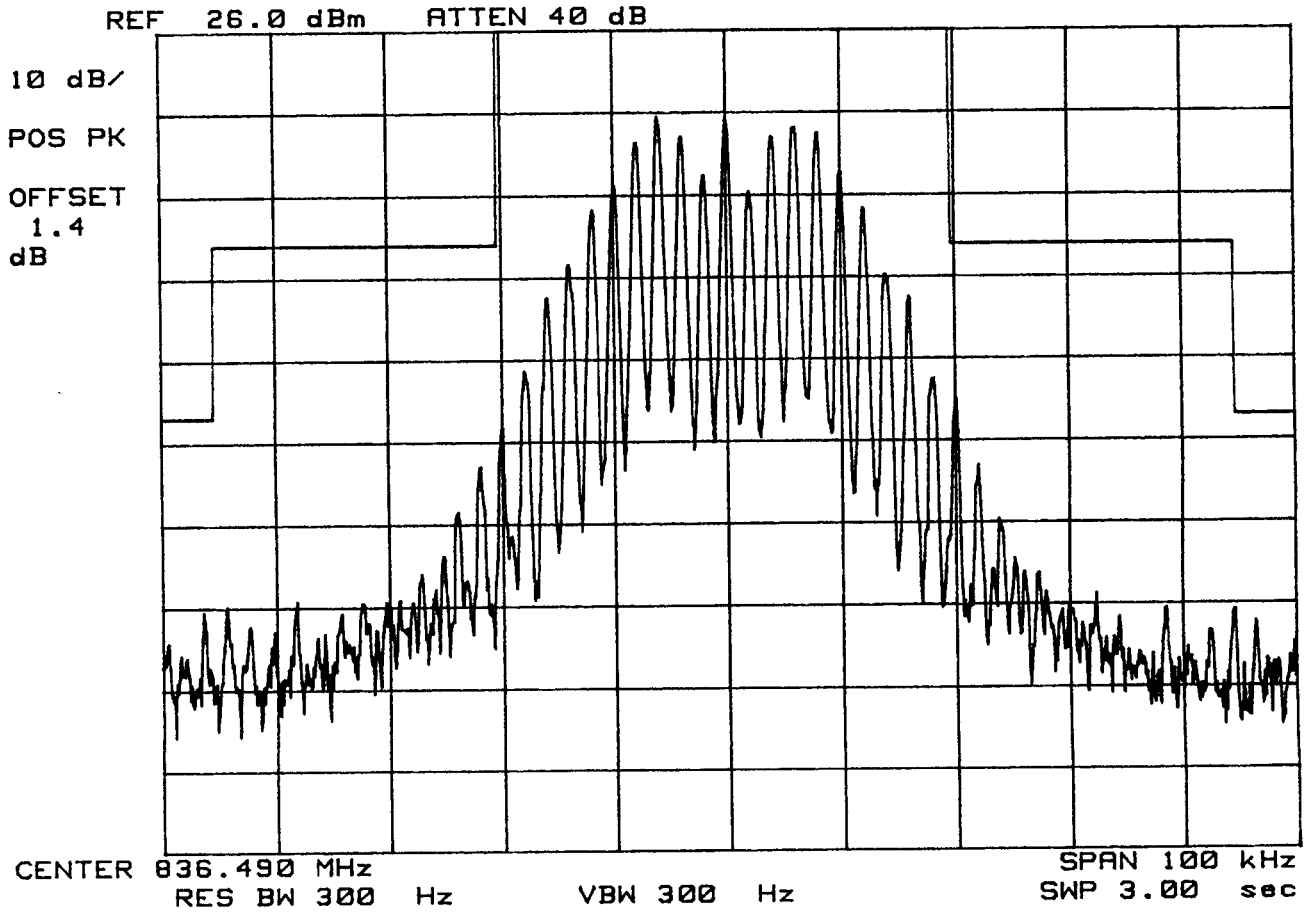


PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSPHN300
SAMSUNG Electronics
Tri Mode Phone
FM Channel: 0383
Operating Frequency: 836.490 MHz
Output Power : 26.0 dBm

Test Mode:SAT + Voice

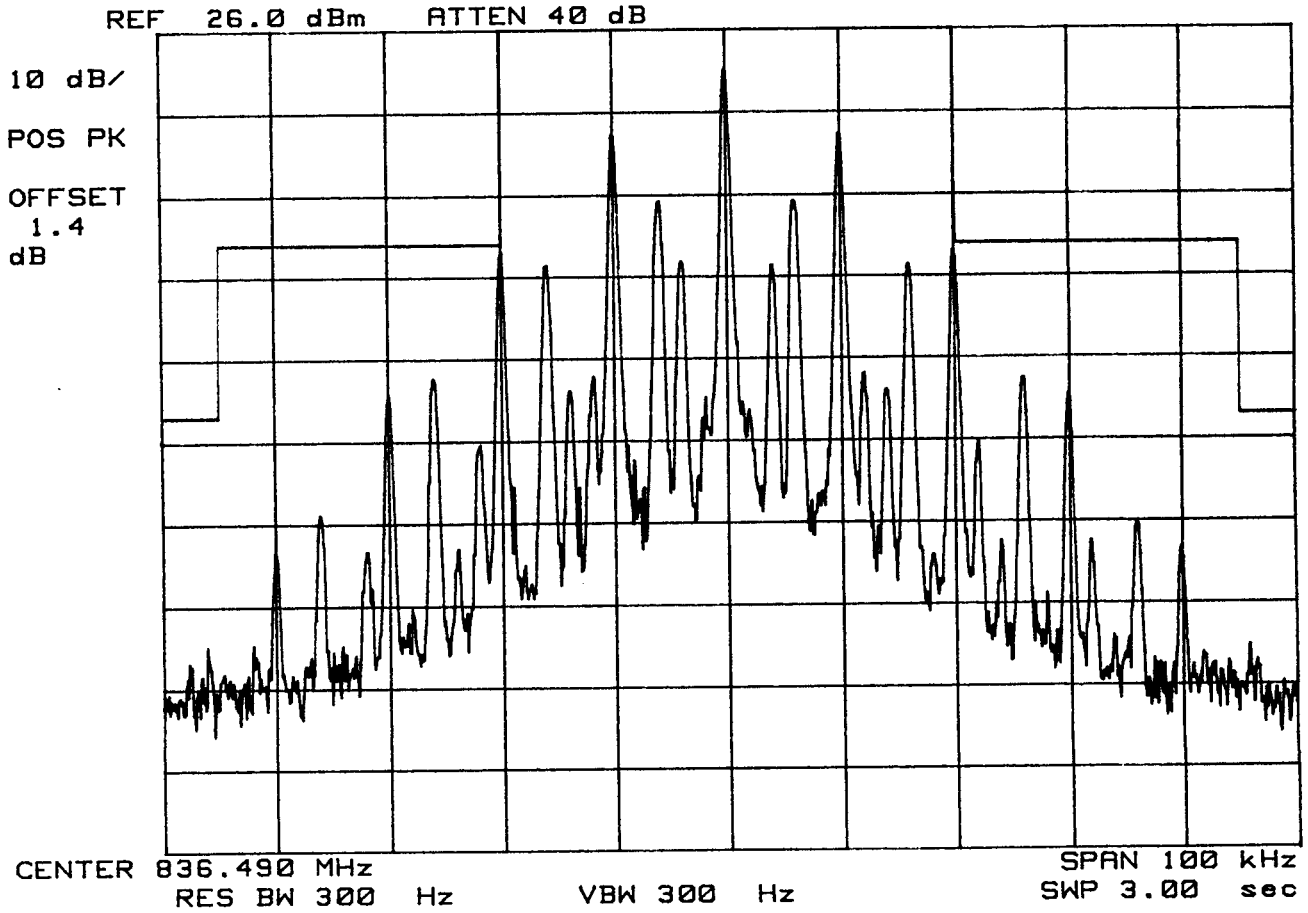


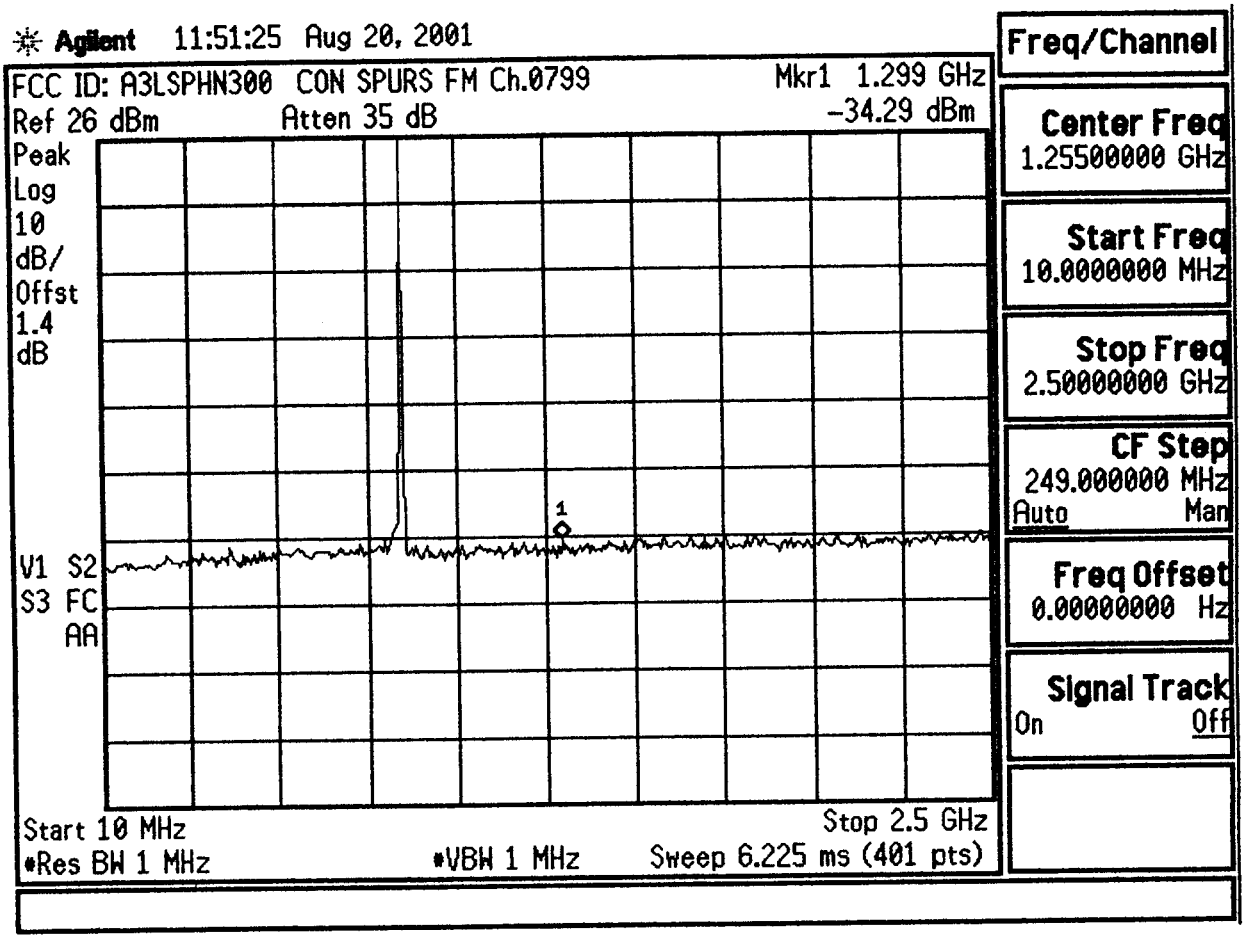
PCTEST Engineering Lab.

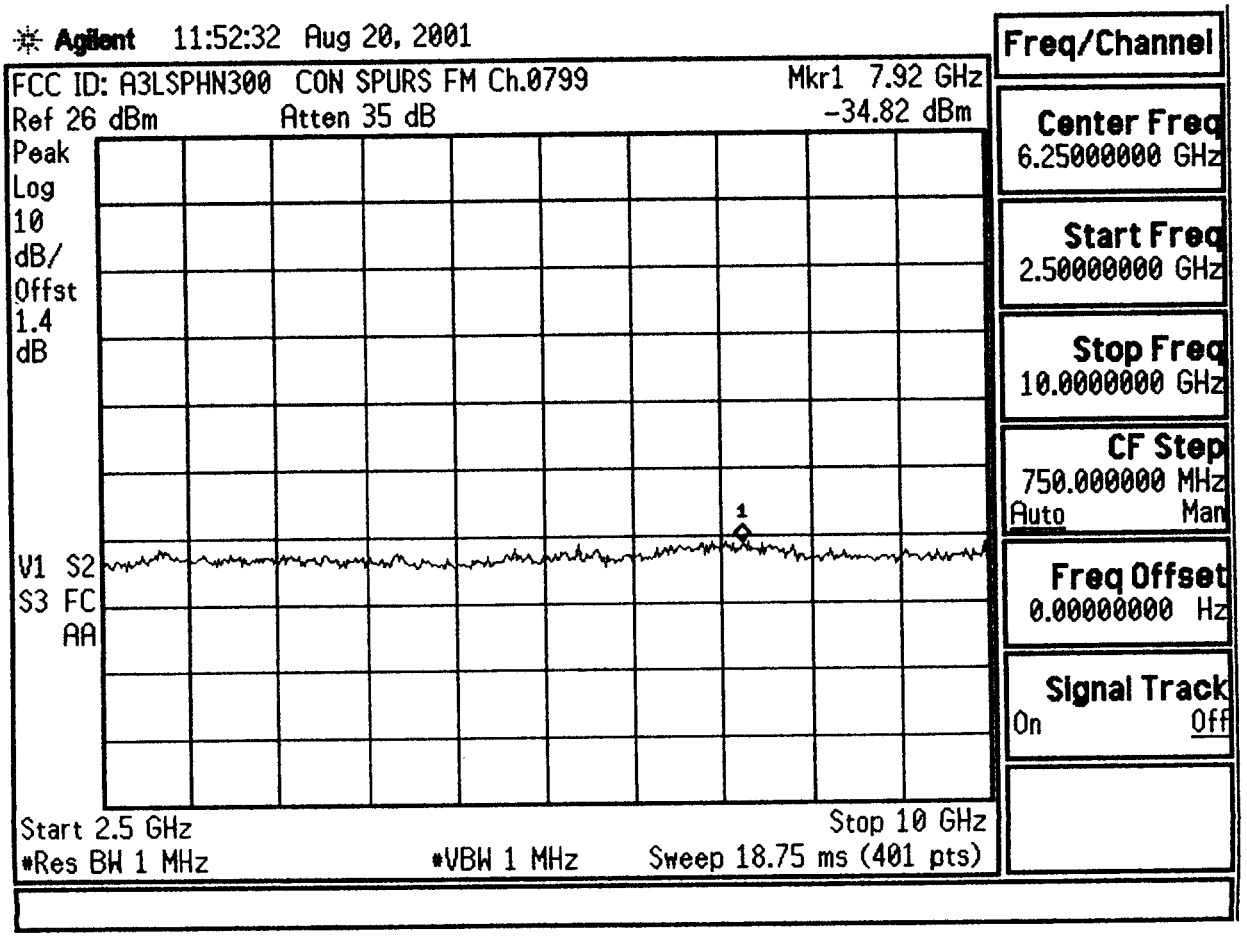
SPECTRUM ANALYZER PRESENTATION

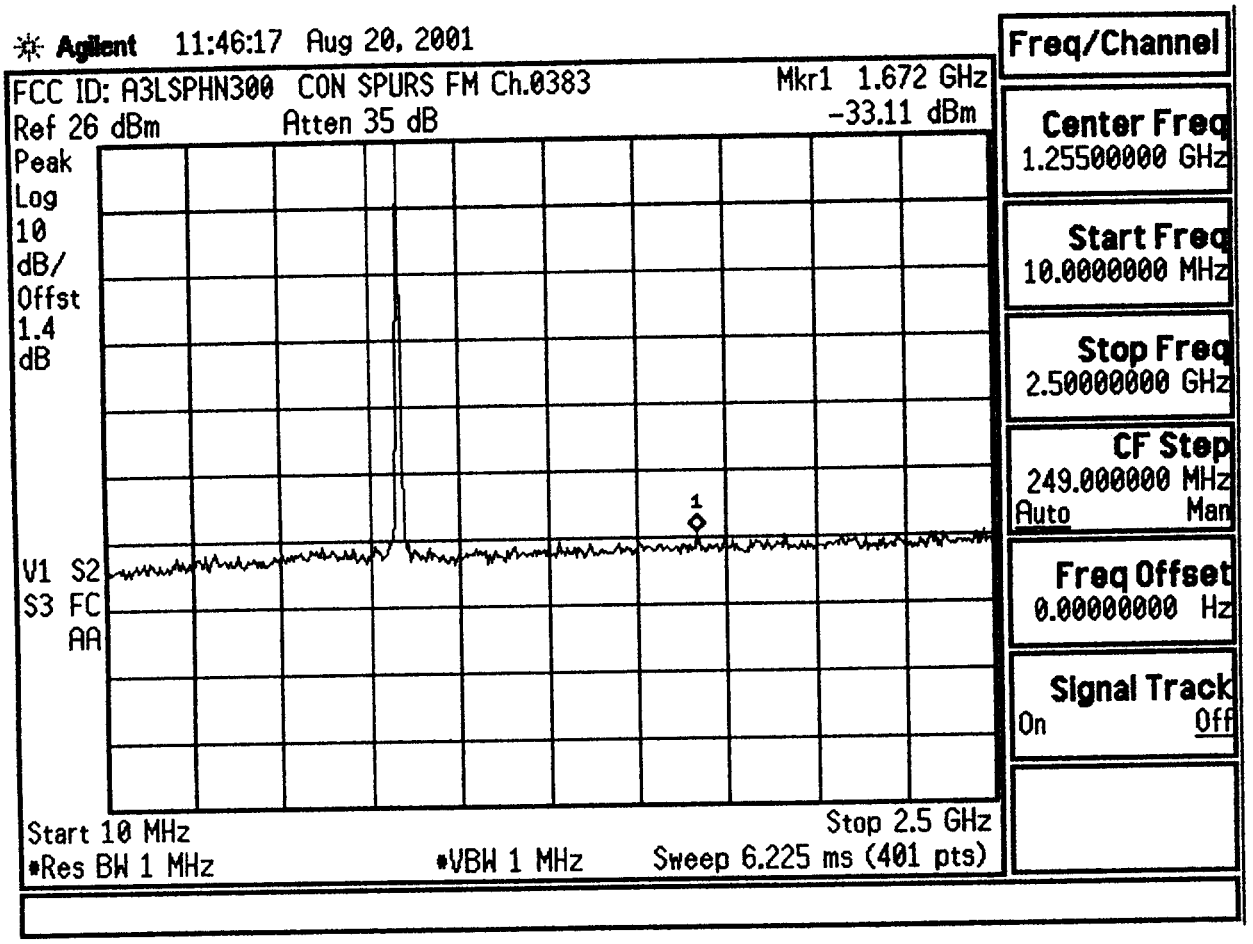
FCC ID:A3LSPHN300
SAMSUNG Electronics
Tri Mode Phone
FM Channel: 0383
Operating Frequency: 836.490 MHz
Output Power : 26.0 dBm

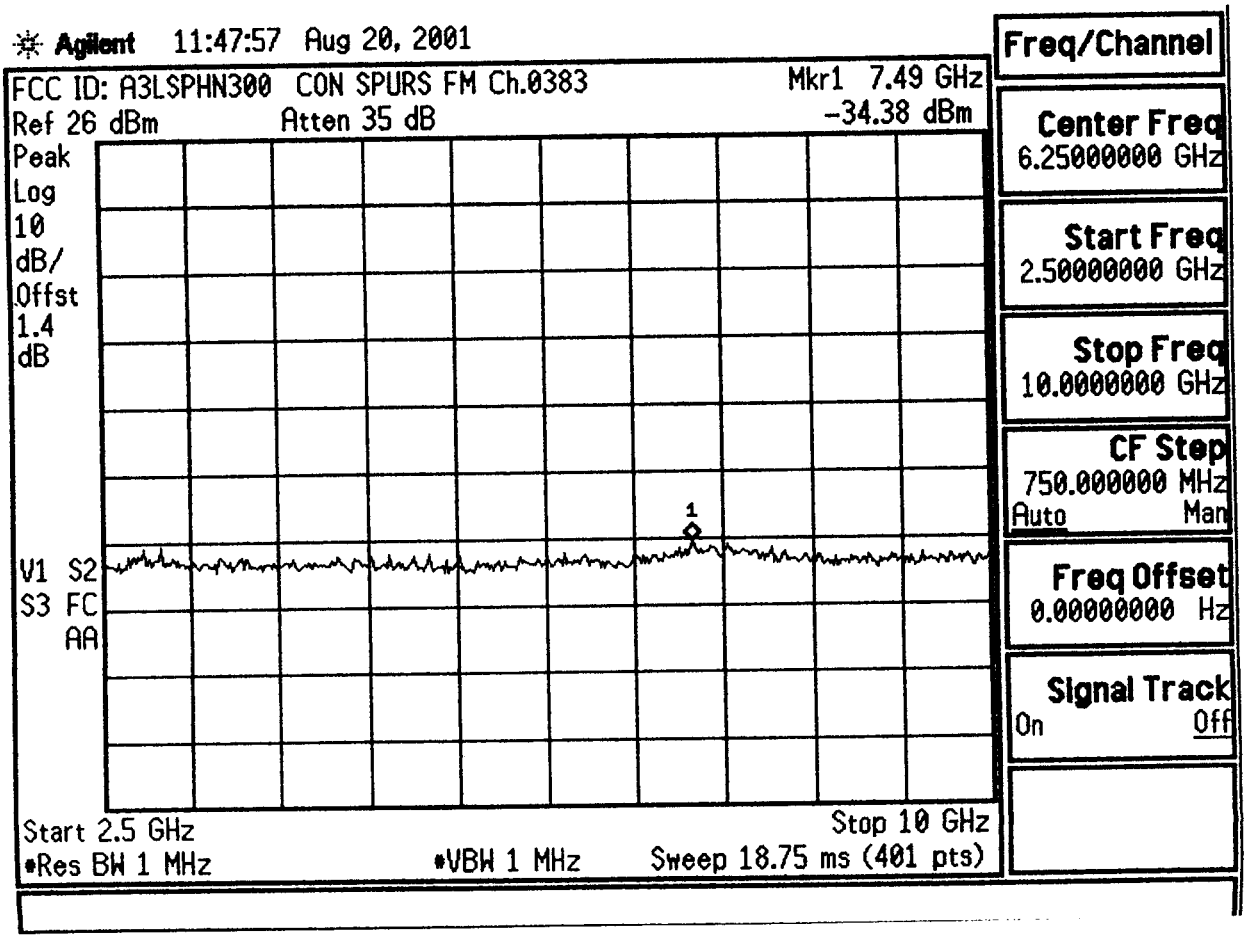
Test Mode:SAT + ST

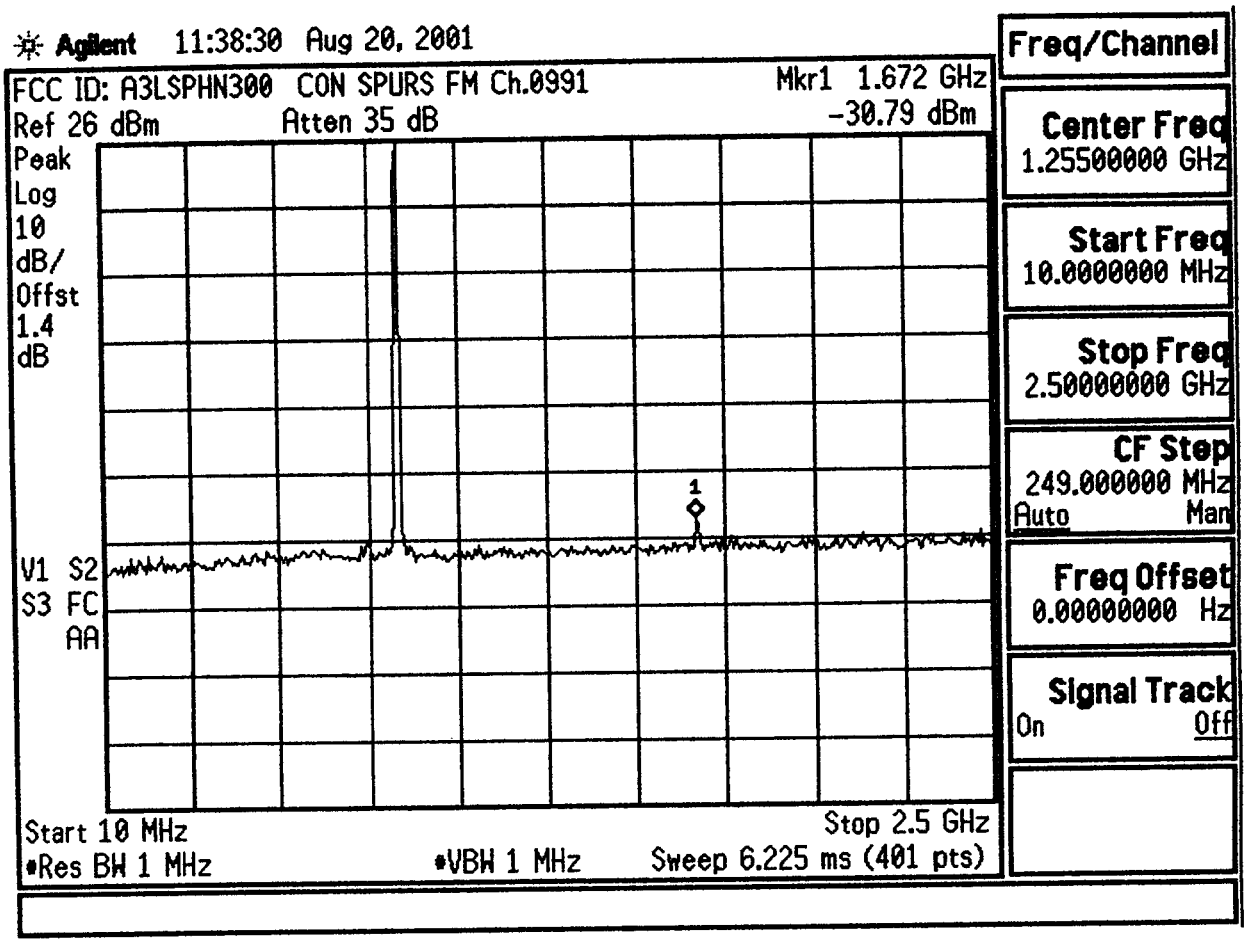


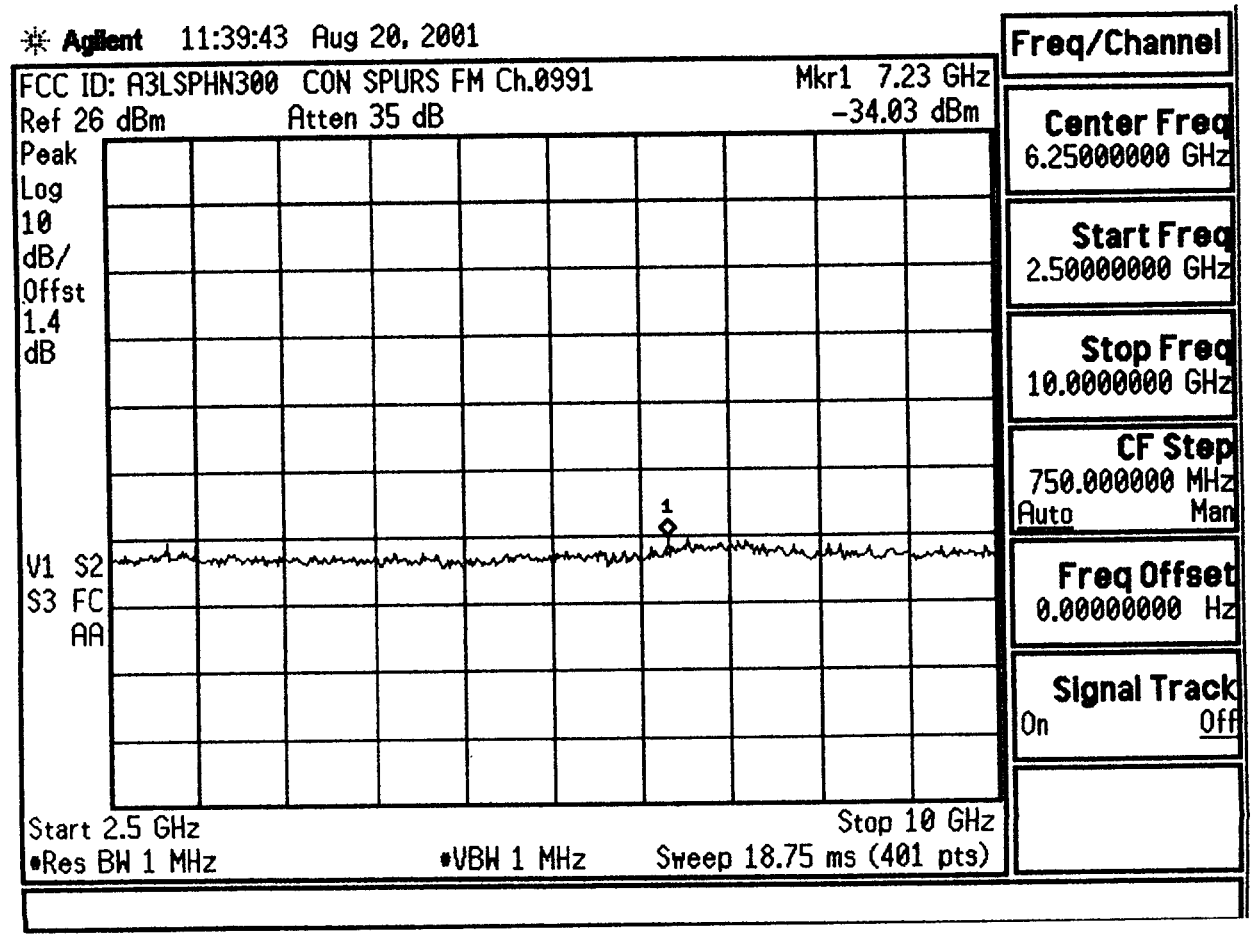

Agilent 11:51:25 Aug 20, 2001
FCC ID: A3LSPHN300 CON SPURS FM Ch.0799
Mkr1 1.299 GHz
-34.29 dBm
Ref 26 dBm
Atten 35 dB
Peak
Log
10
dB/
Offst
1.4
dB
V1 S2
S3 FC
AA
Start 10 MHz
Stop 2.5 GHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 6.225 ms (401 pts)
Freq/Channel
Center Freq
1.25500000 GHz
Start Freq
10.0000000 MHz
Stop Freq
2.50000000 GHz
CF Step
249.000000 MHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off

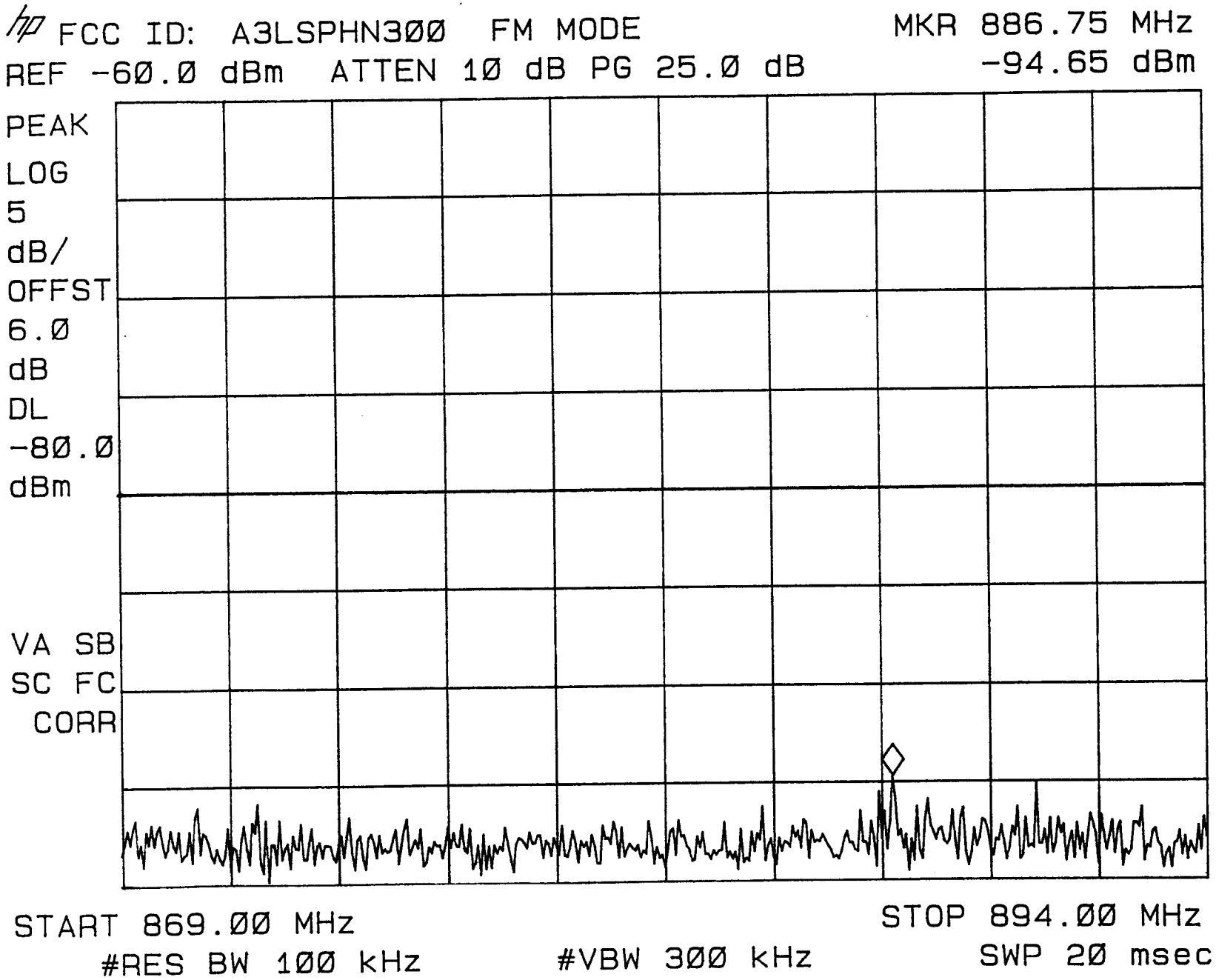

Agilent 11:52:32 Aug 20, 2001
FCC ID: A3LSPHN300 CON SPURS FM Ch.0799
Mkr1 7.92 GHz
-34.82 dBm
Ref 26 dBm
Atten 35 dB
Peak
Log
10
dB/
Offst
1.4
dB
V1 S2
S3 FC
AA
Start 2.5 GHz
Stop 10 GHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 18.75 ms (401 pts)
Freq/Channel
Center Freq
6.25000000 GHz
Start Freq
2.50000000 GHz
Stop Freq
10.0000000 GHz
CF Step
750.000000 MHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off

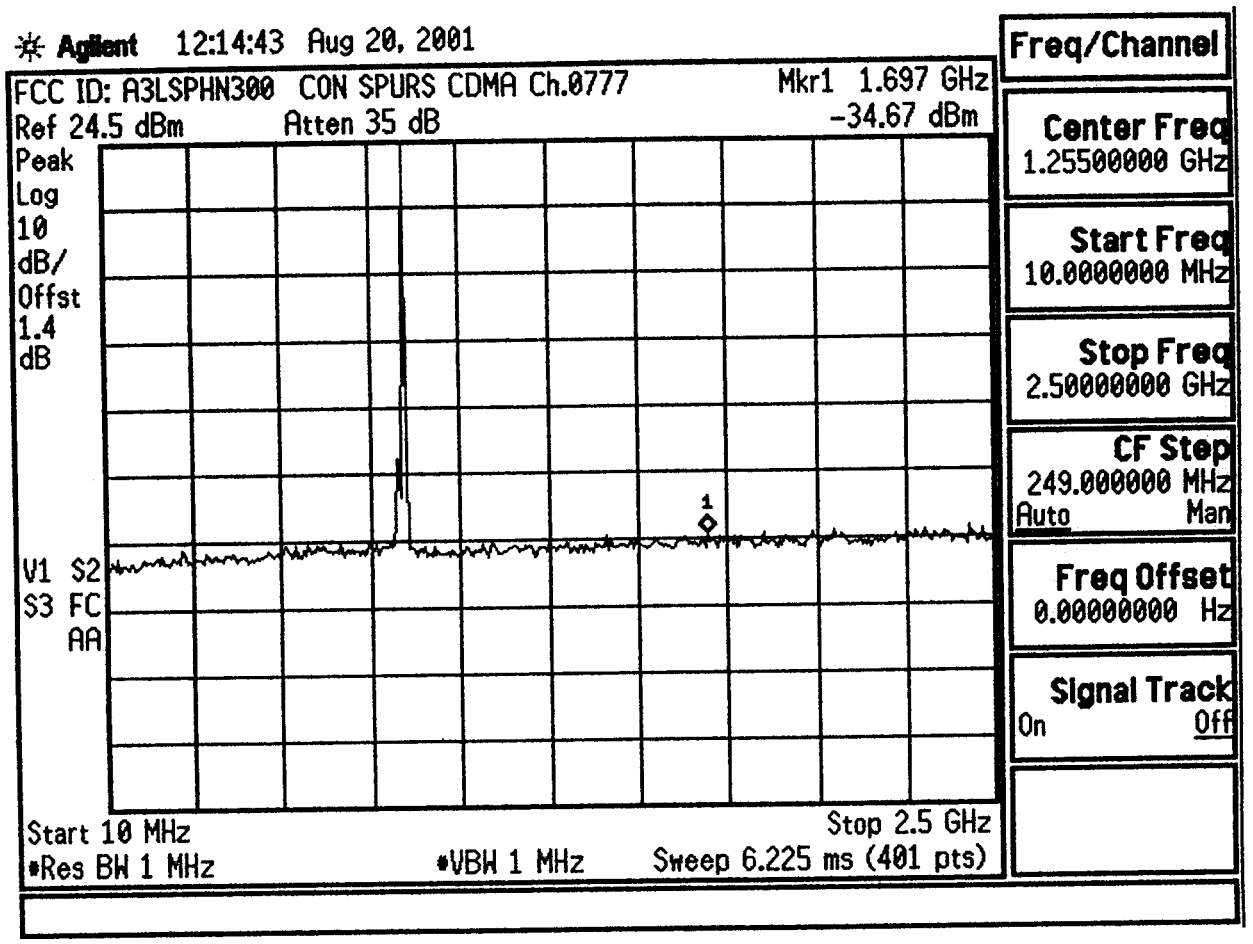

Agilent 11:46:17 Aug 20, 2001
FCC ID: A3LSPHN300 CON SPURS FM Ch.0383
Mkr1 1.672 GHz
-33.11 dBm
Ref 26 dBm
Atten 35 dB
Peak
Log
10
dB/
Offst
1.4
dB
V1 S2
S3 FC
AA
Start 10 MHz
#Res BW 1 MHz
#VBW 1 MHz
Stop 2.5 GHz
Sweep 6.225 ms (401 pts)
Freq/Channel
Center Freq
1.25500000 GHz
Start Freq
10.0000000 MHz
Stop Freq
2.50000000 GHz
CF Step
249.000000 MHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off

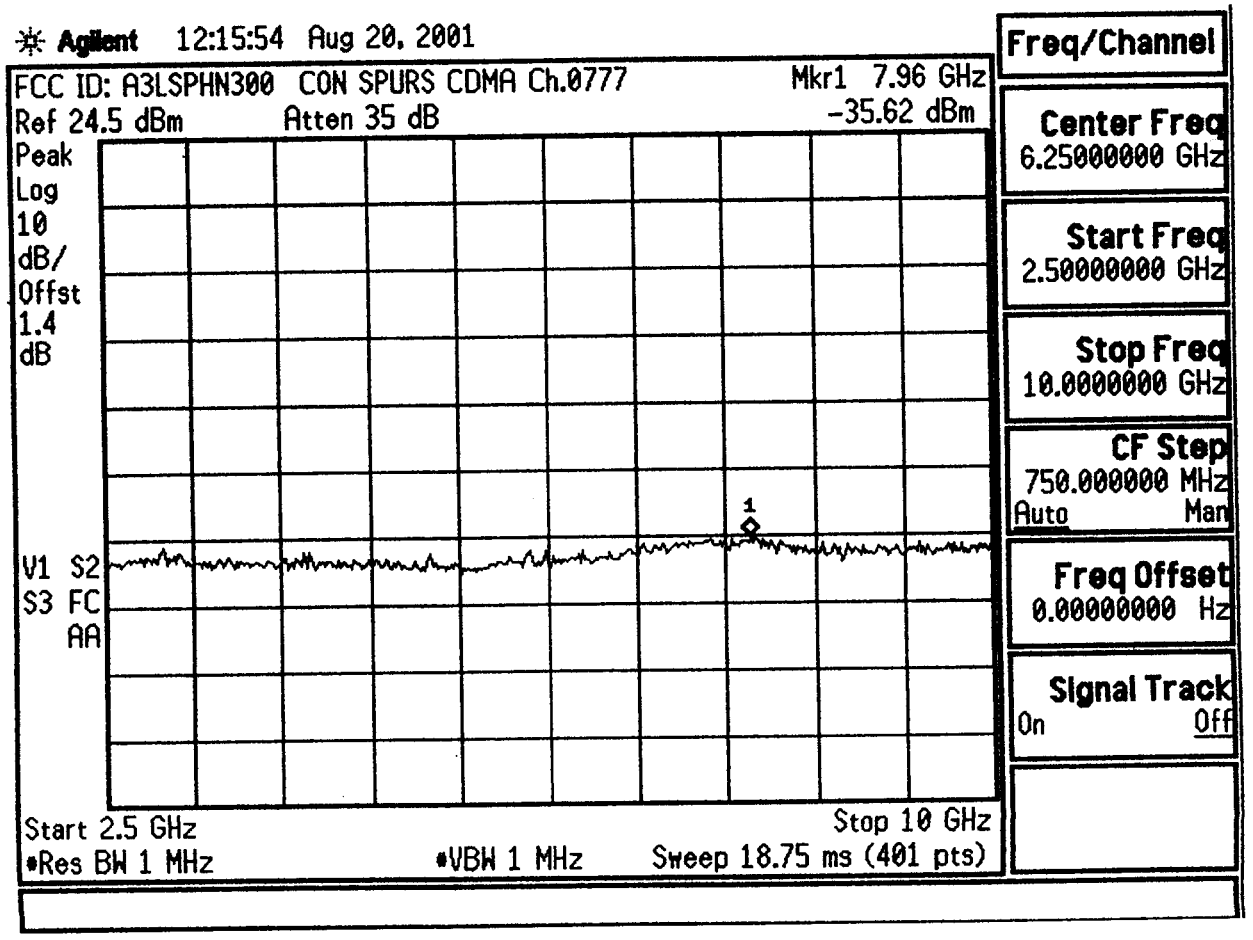

Agilent 11:47:57 Aug 20, 2001
FCC ID: A3LSPHN300 CON SPURS FM Ch.0383
Mkr1 7.49 GHz
-34.38 dBm
Ref 26 dBm
Atten 35 dB
Peak
Log
10
dB/
Offst
1.4
dB
V1 S2
S3 FC
AA
Start 2.5 GHz
#Res BW 1 MHz
#VBW 1 MHz
Stop 10 GHz
Sweep 18.75 ms (401 pts)
Freq/Channel
Center Freq
6.25000000 GHz
Start Freq
2.50000000 GHz
Stop Freq
10.0000000 GHz
CF Step
750.000000 MHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off

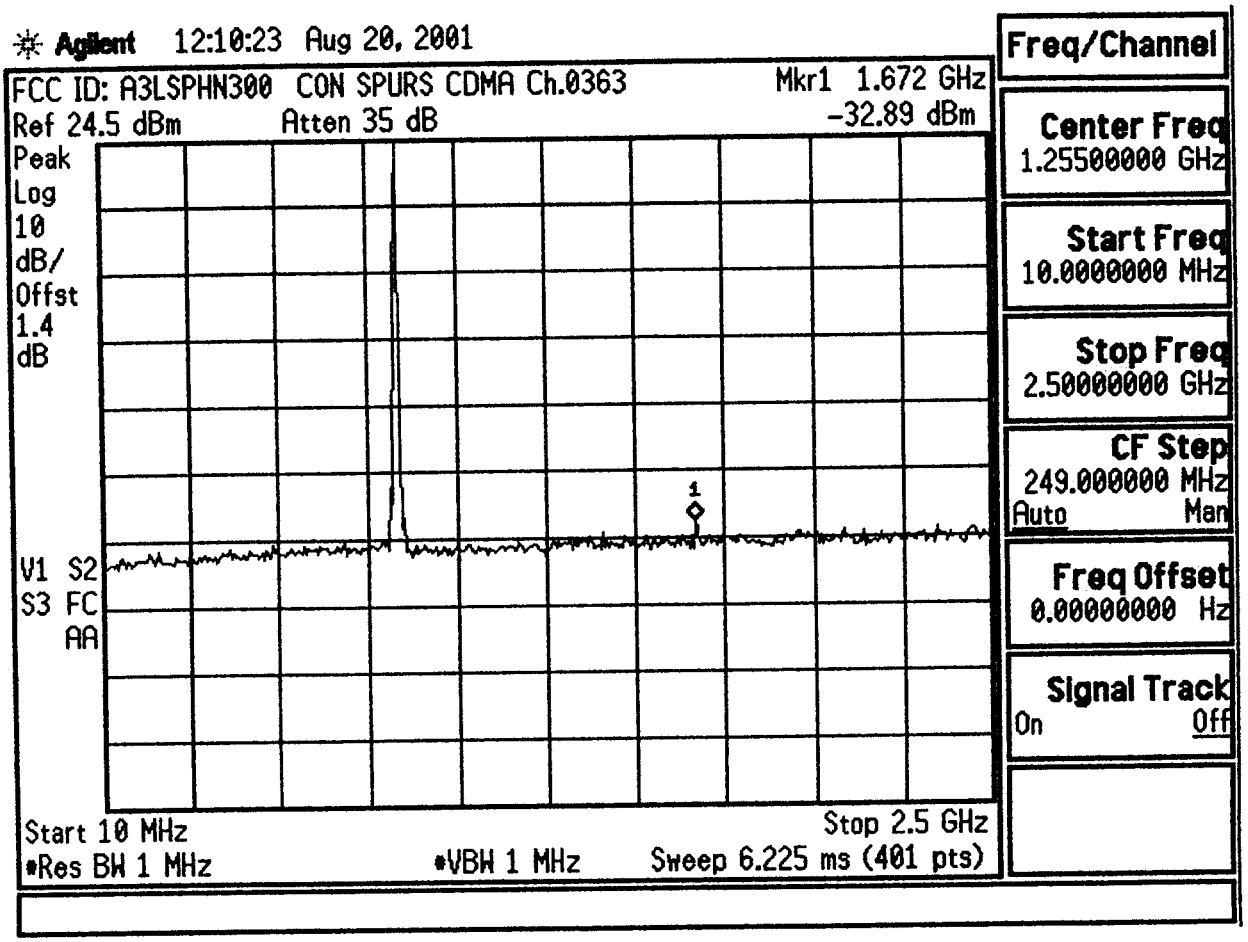

Agilent 11:38:30 Aug 20, 2001
FCC ID: A3LSPHN300 CON SPURS FM Ch.0991
Mkr1 1.672 GHz
-30.79 dBm
Ref 26 dBm
Atten 35 dB
Peak
Log
10
dB/
Offst
1.4
dB
V1 S2
S3 FC
AA
Start 10 MHz
#Res BW 1 MHz
#VBW 1 MHz
Stop 2.5 GHz
Sweep 6.225 ms (401 pts)
Freq/Channel
Center Freq
1.25500000 GHz
Start Freq
10.0000000 MHz
Stop Freq
2.50000000 GHz
CF Step
249.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off

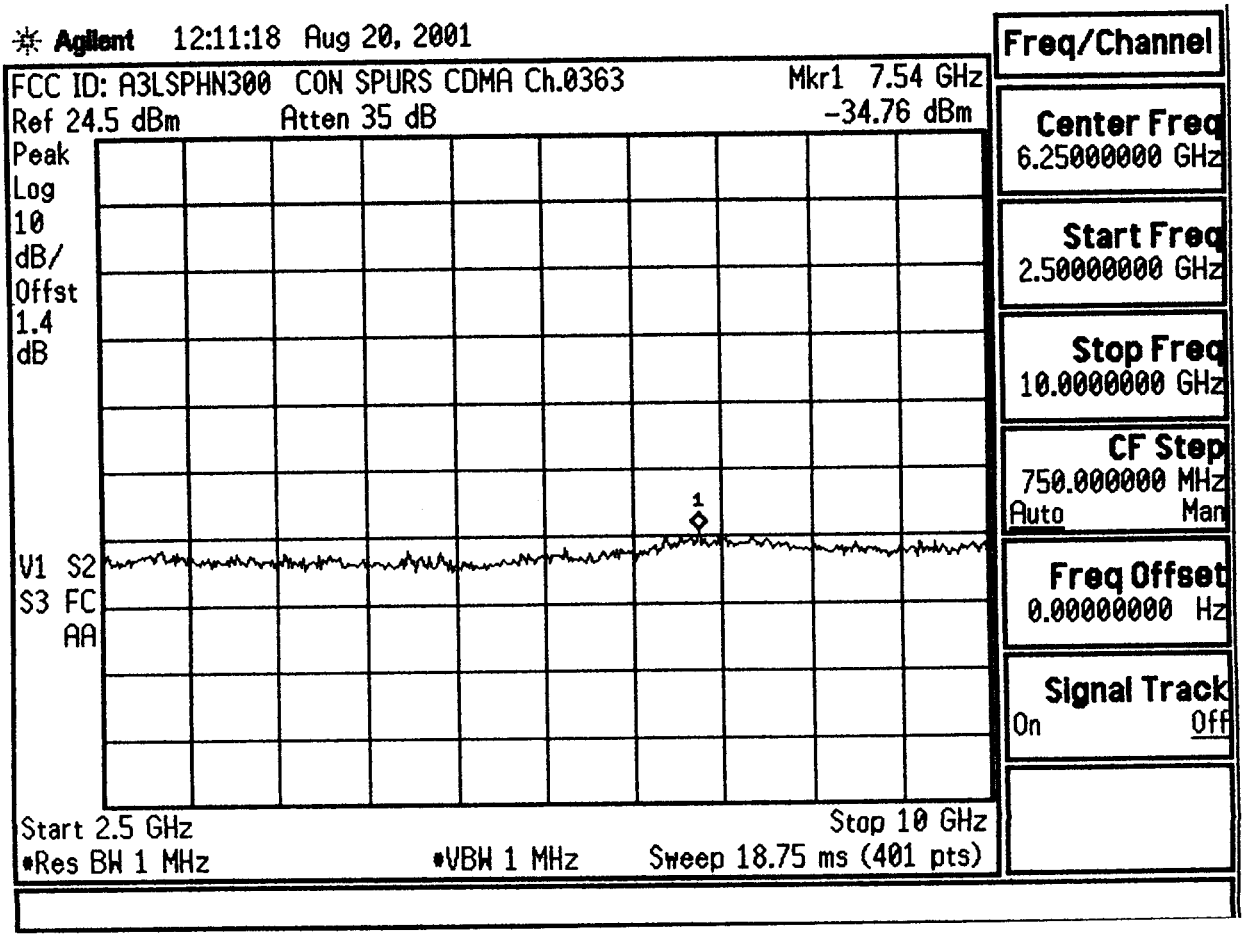

Agilent 11:39:43 Aug 20, 2001
FCC ID: A3LSPHN300 CON SPURS FM Ch.0991
Mkr1 7.23 GHz
-34.03 dBm
Ref 26 dBm
Atten 35 dB
Peak
Log
10
dB/
Offst
1.4
dB
V1 S2
S3 FC
AA
Start 2.5 GHz
#Res BW 1 MHz
#VBW 1 MHz
Stop 10 GHz
Sweep 18.75 ms (401 pts)
Freq/Channel
Center Freq
6.25000000 GHz
Start Freq
2.50000000 GHz
Stop Freq
10.0000000 GHz
CF Step
750.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off

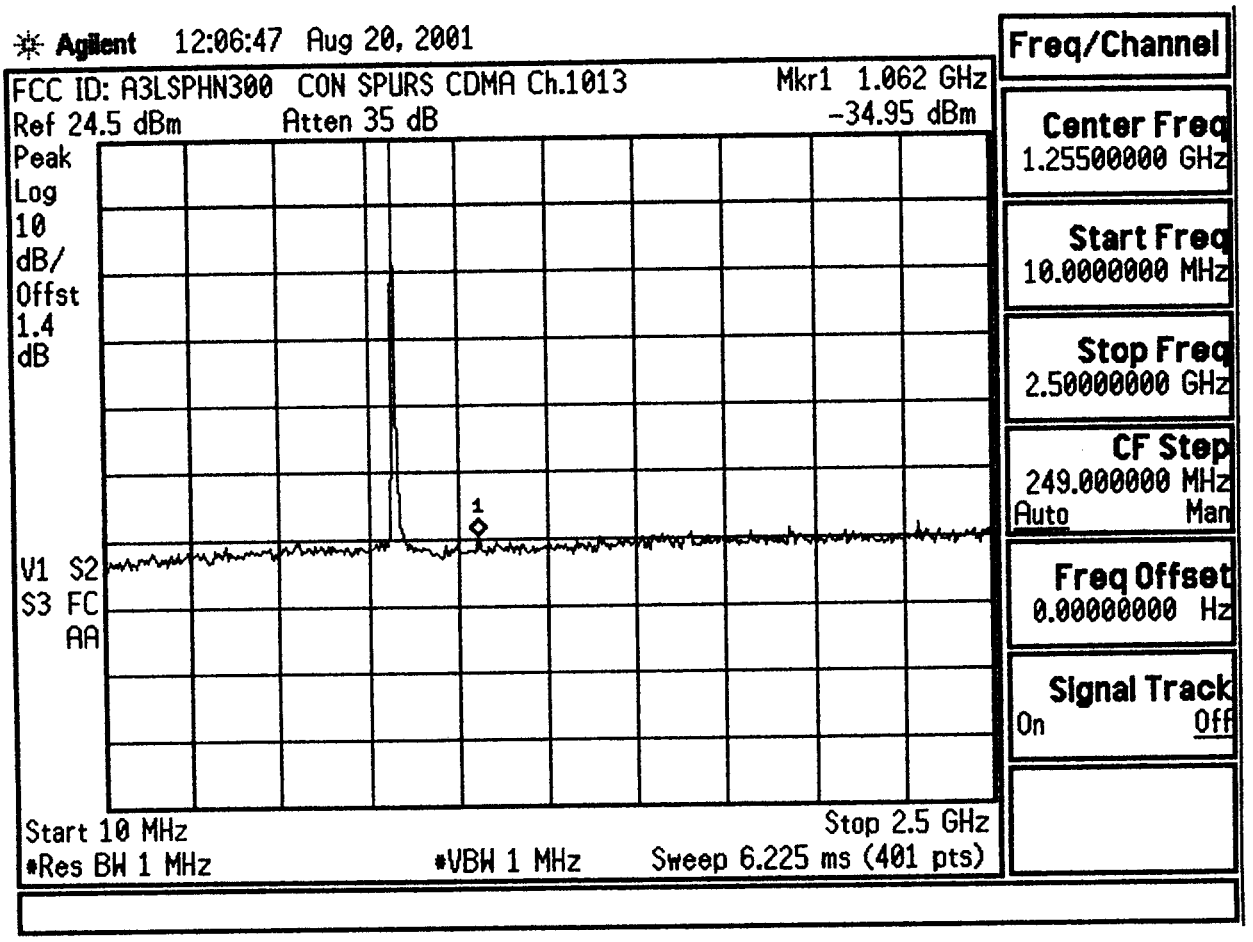

FCC ID: A3LSPHN300 FM MODE
MKR 886.75 MHz
REF -60.0 dBm ATTEN 10 dB PG 25.0 dB
-94.65 dBm
PEAK
LOG
5
dB/
OFFST
6.0
dB
DL
-80.0
dBm
VA SB
SC FC
CORR
START 869.00 MHz
#RES BW 100 kHz
#VBW 300 kHz
STOP 894.00 MHz
SWP 20 msec

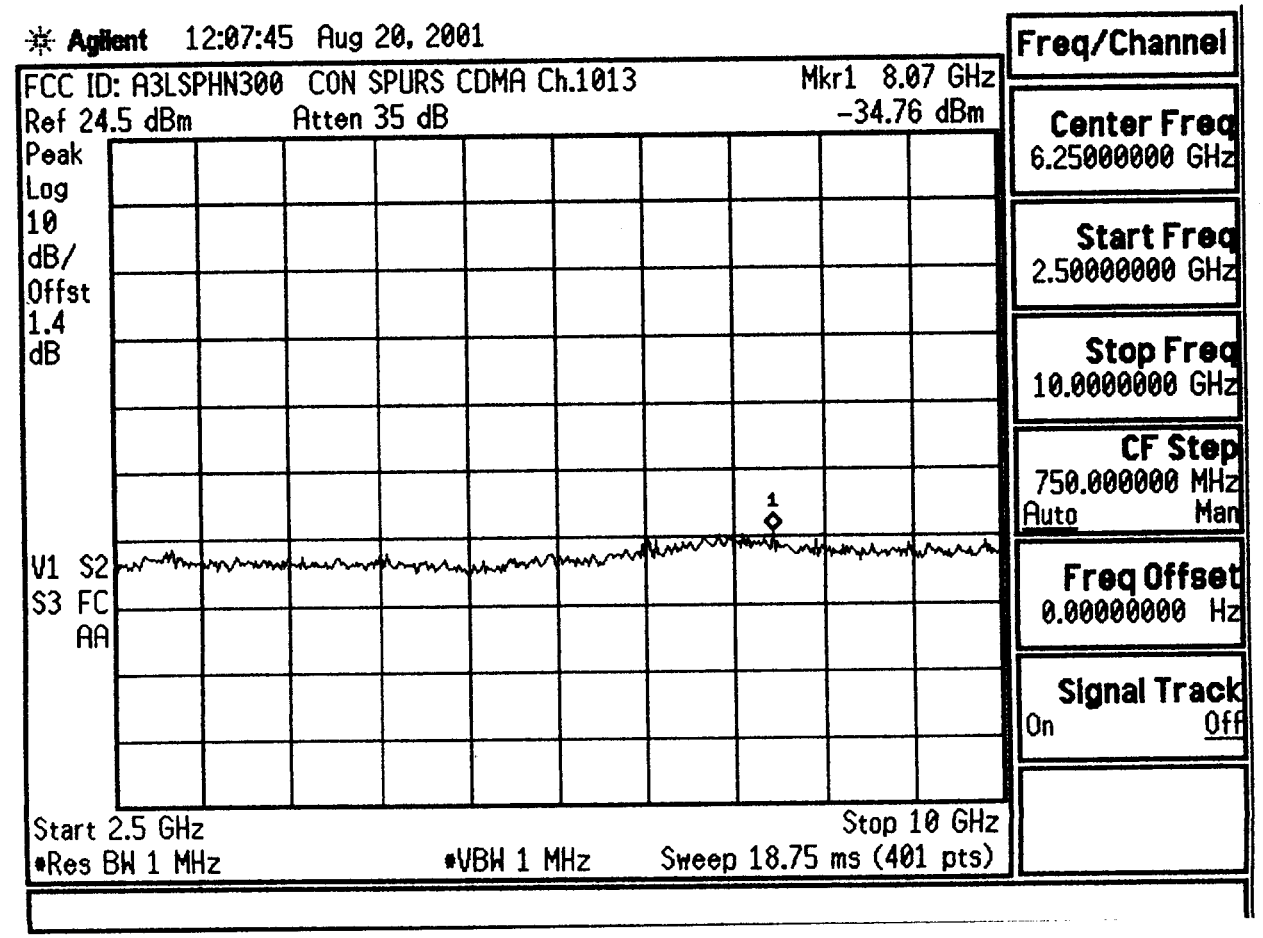

Agilent 12:14:43 Aug 20, 2001
FCC ID: A3LSPHN300 CON SPURS CDMA Ch.0777
Mkr1 1.697 GHz
-34.67 dBm
Ref 24.5 dBm
Atten 35 dB
Peak
Log
10
dB/
Offst
1.4
dB
V1 S2
S3 FC
AA
Start 10 MHz
Stop 2.5 GHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 6.225 ms (401 pts)
Freq/Channel
Center Freq
1.25500000 GHz
Start Freq
10.0000000 MHz
Stop Freq
2.50000000 GHz
CF Step
249.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off

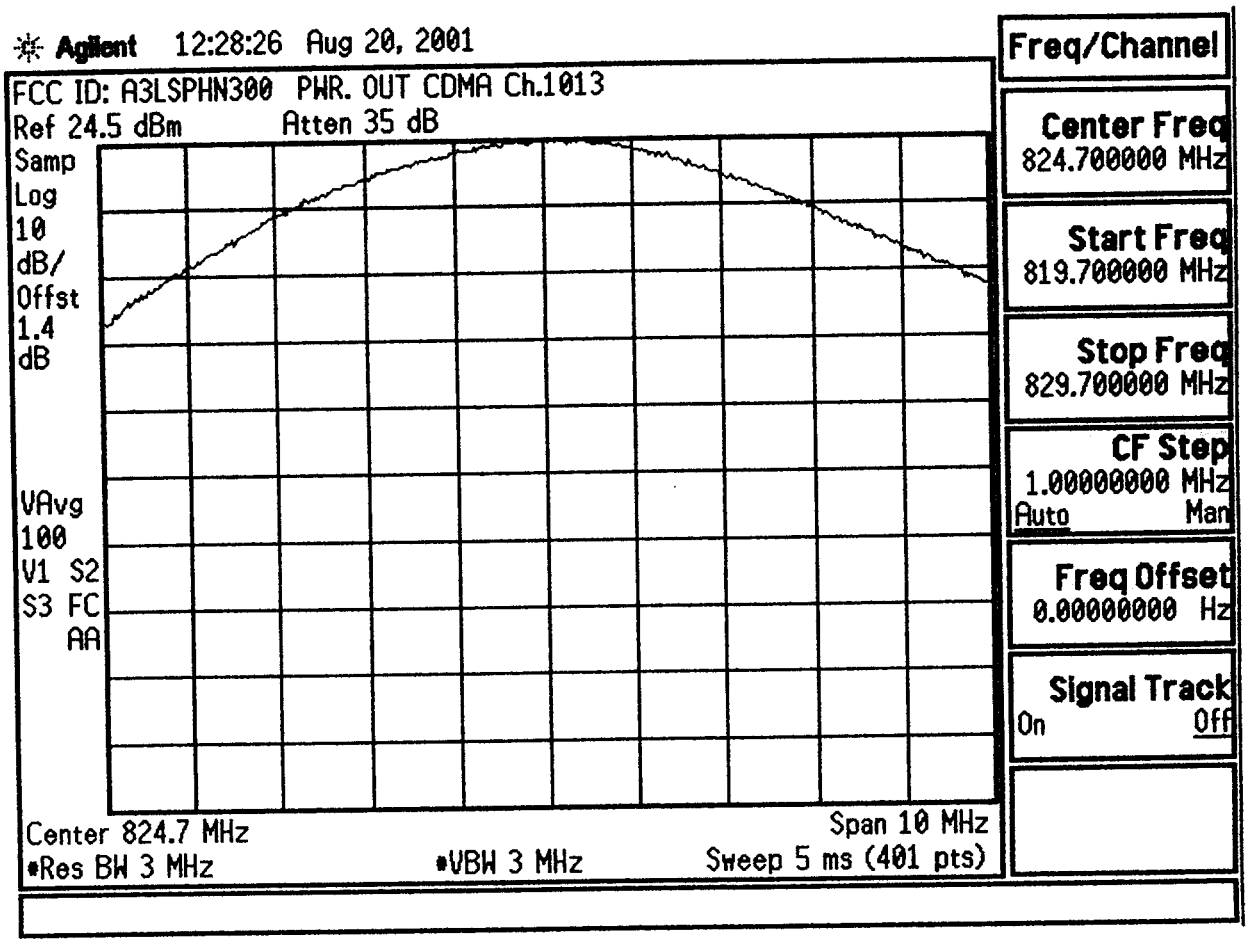

Agilent 12:15:54 Aug 20, 2001
FCC ID: A3LSPHN300 CON SPURS CDMA Ch.0777
Mkr1 7.96 GHz
-35.62 dBm
Ref 24.5 dBm
Atten 35 dB
Peak
Log
10
dB/
Offst
1.4
dB
V1 S2
S3 FC
AA
Start 2.5 GHz
Stop 10 GHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 18.75 ms (401 pts)
Freq/Channel
Center Freq
6.25000000 GHz
Start Freq
2.50000000 GHz
Stop Freq
10.0000000 GHz
CF Step
750.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off

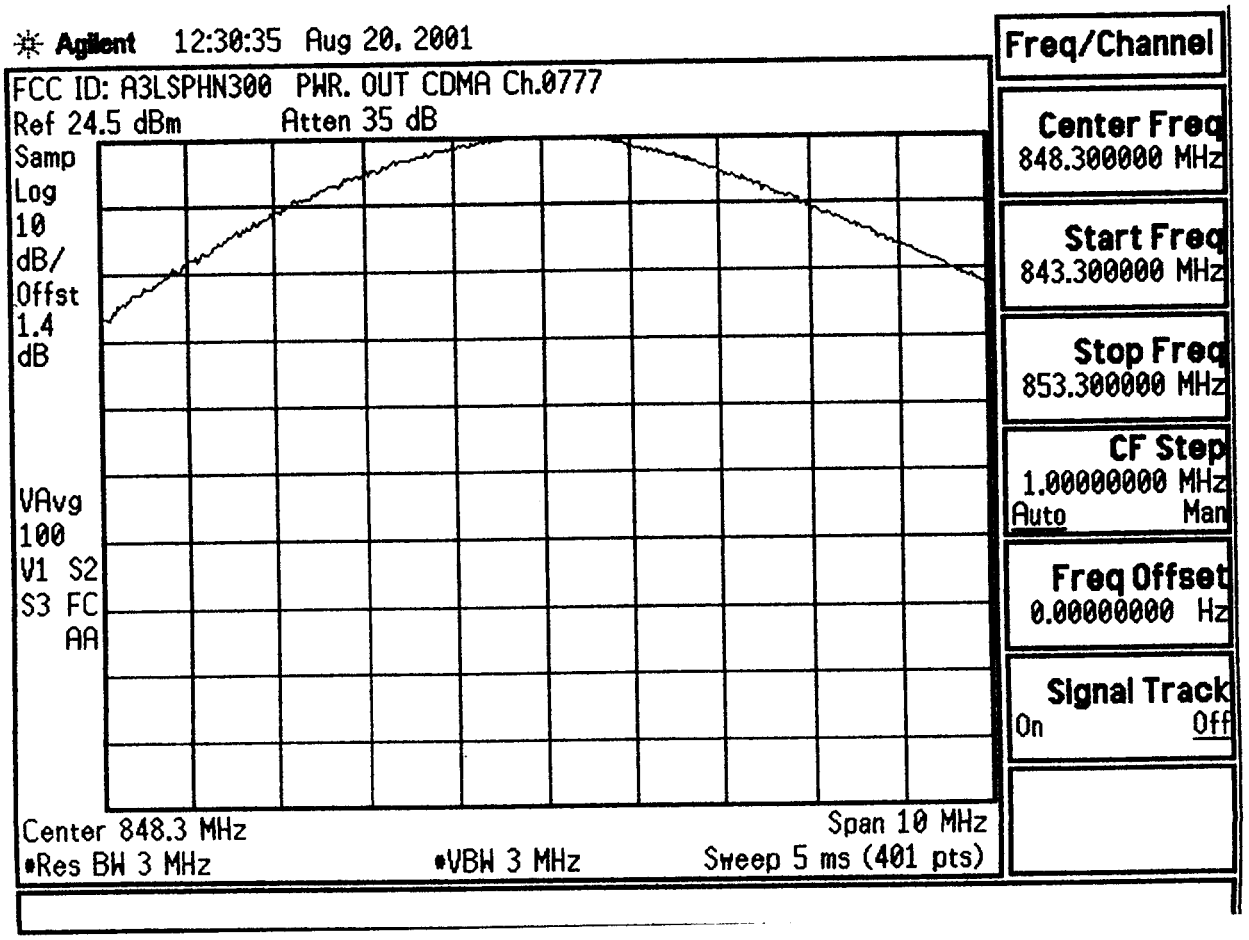

Agilent 12:10:23 Aug 20, 2001
FCC ID: A3LSPHN300 CON SPURS CDMA Ch.0363
Mkr1 1.672 GHz
-32.89 dBm
Ref 24.5 dBm
Atten 35 dB
Peak
Log
10
dB/
Offst
1.4
dB
V1 S2
S3 FC
AA
Start 10 MHz
Stop 2.5 GHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 6.225 ms (401 pts)
Freq/Channel
Center Freq
1.25500000 GHz
Start Freq
10.0000000 MHz
Stop Freq
2.50000000 GHz
CF Step
249.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off

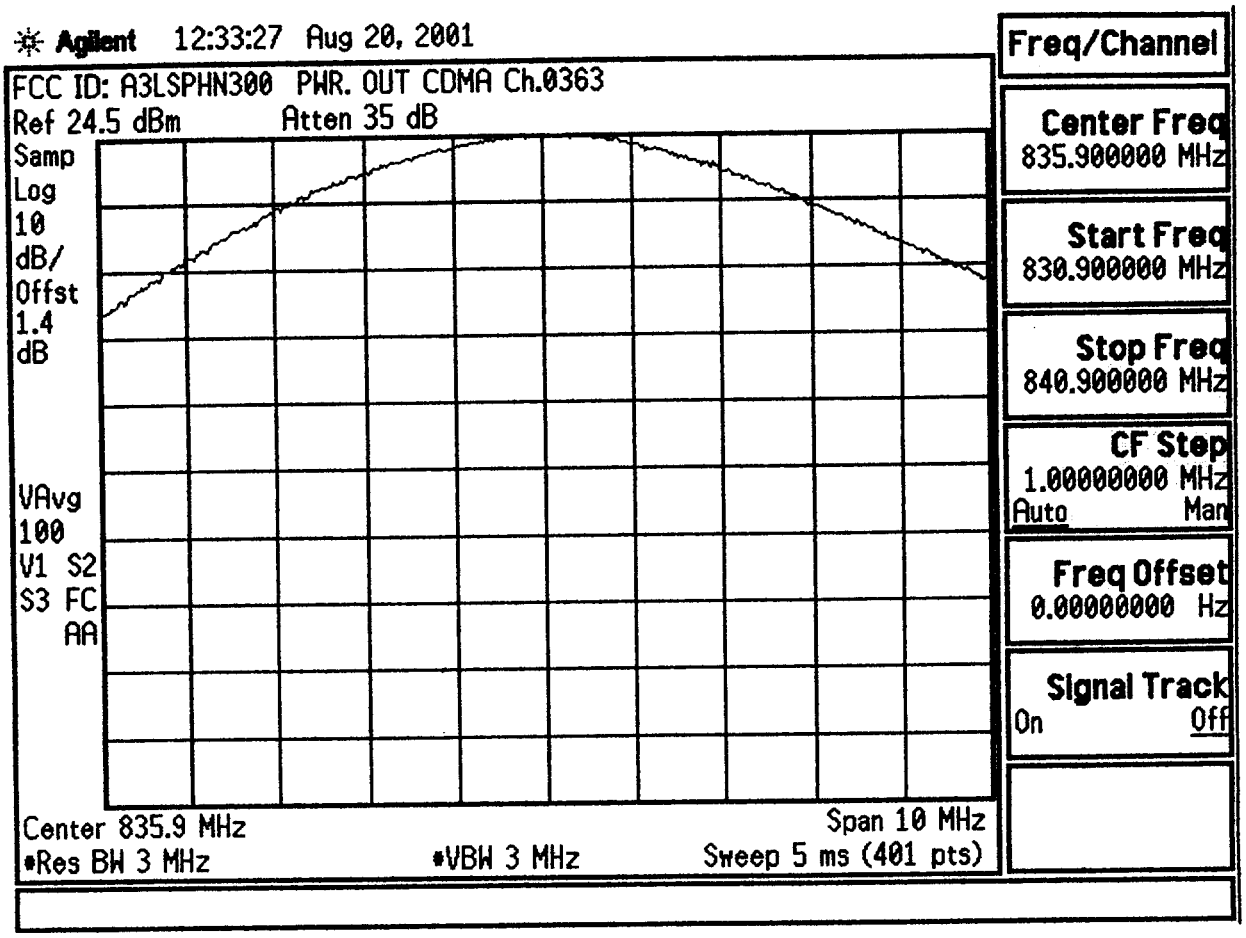

Agilent 12:11:18 Aug 20, 2001
FCC ID: A3LSPHN300 CON SPURS CDMA Ch.0363
Mkr1 7.54 GHz
-34.76 dBm
Ref 24.5 dBm
Atten 35 dB
Peak
Log
10
dB/
Offst
1.4
dB
V1 S2
S3 FC
AA
Start 2.5 GHz
Stop 10 GHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 18.75 ms (401 pts)
Freq/Channel
Center Freq
6.25000000 GHz
Start Freq
2.50000000 GHz
Stop Freq
10.0000000 GHz
CF Step
750.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off

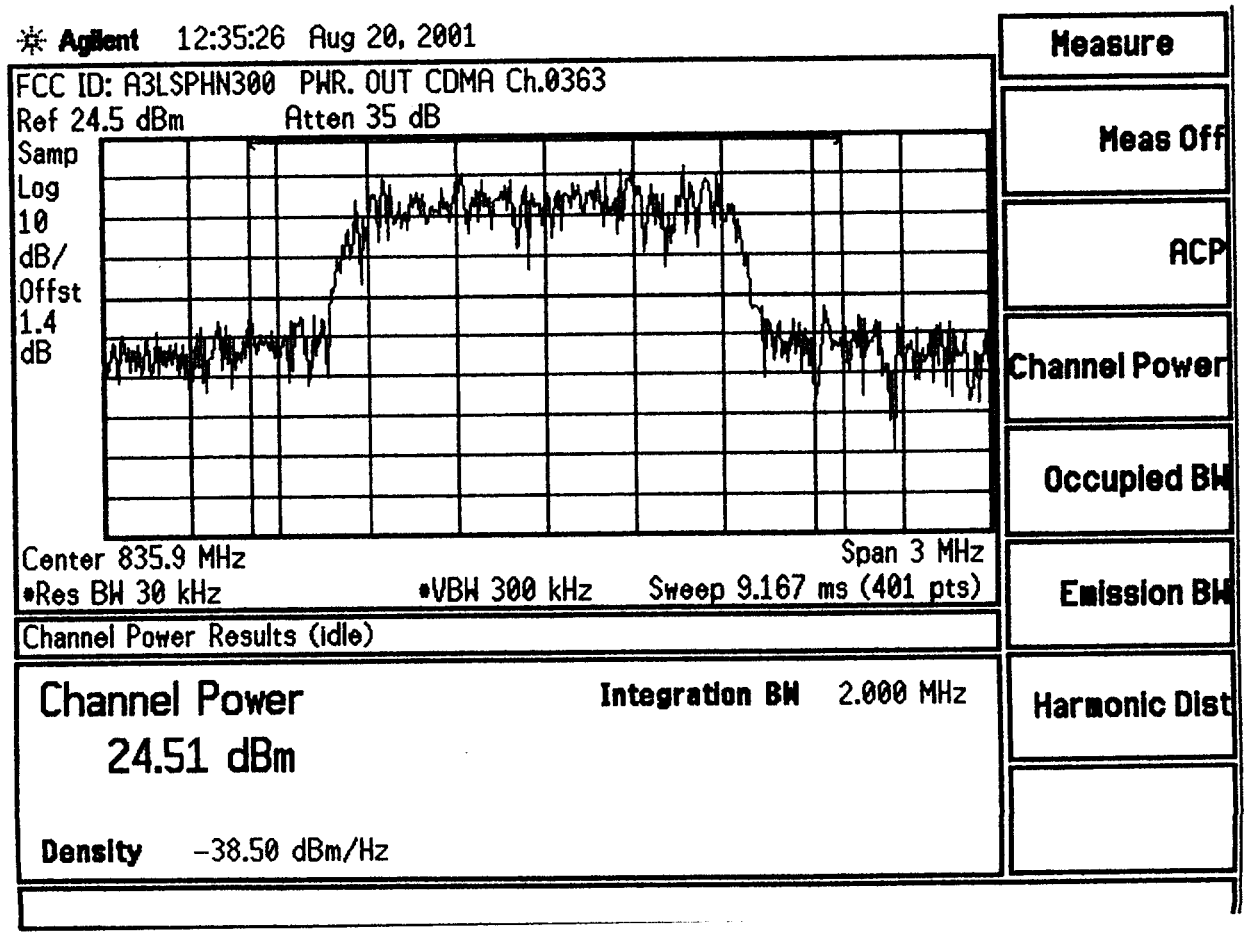

Agilent 12:06:47 Aug 20, 2001
FCC ID: A3LSPHN300 CON SPURS CDMA Ch.1013
Mkr1 1.062 GHz
-34.95 dBm
Ref 24.5 dBm
Atten 35 dB
Peak
Log
10
dB/
Offst
1.4
dB
V1 S2
S3 FC
AA
Start 10 MHz
Stop 2.5 GHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 6.225 ms (401 pts)
Freq/Channel
Center Freq
1.25500000 GHz
Start Freq
10.0000000 MHz
Stop Freq
2.50000000 GHz
CF Step
249.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off

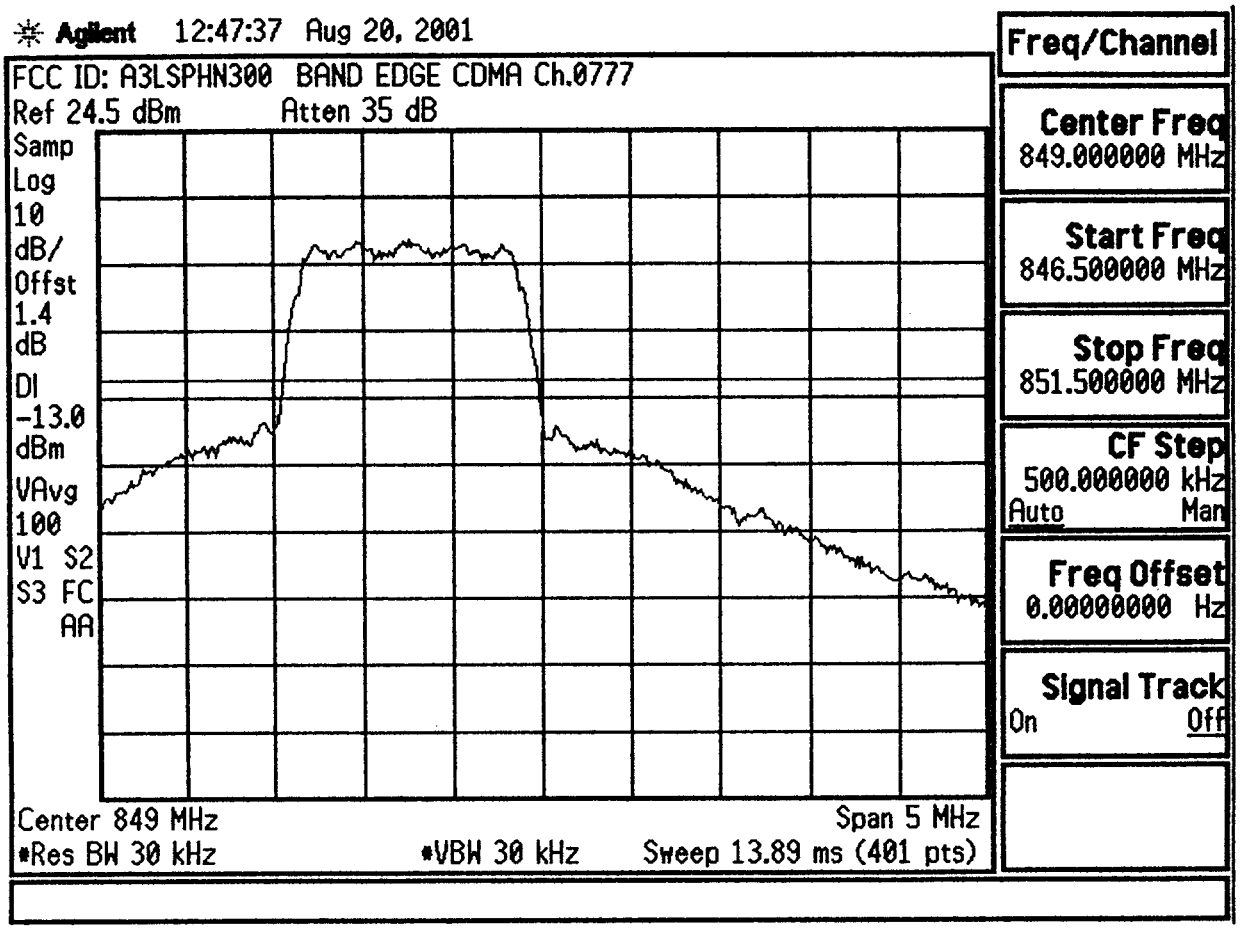

Agilent 12:07:45 Aug 20, 2001
FCC ID: A3LSPHN300 CON SPURS CDMA Ch.1013
Mkr1 8.07 GHz
-34.76 dBm
Ref 24.5 dBm
Atten 35 dB
Peak
Log
10
dB/
Offst
1.4
dB
V1 S2
S3 FC
AA
Start 2.5 GHz
Stop 10 GHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 18.75 ms (401 pts)
Freq/Channel
Center Freq
6.25000000 GHz
Start Freq
2.50000000 GHz
Stop Freq
10.0000000 GHz
CF Step
750.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off

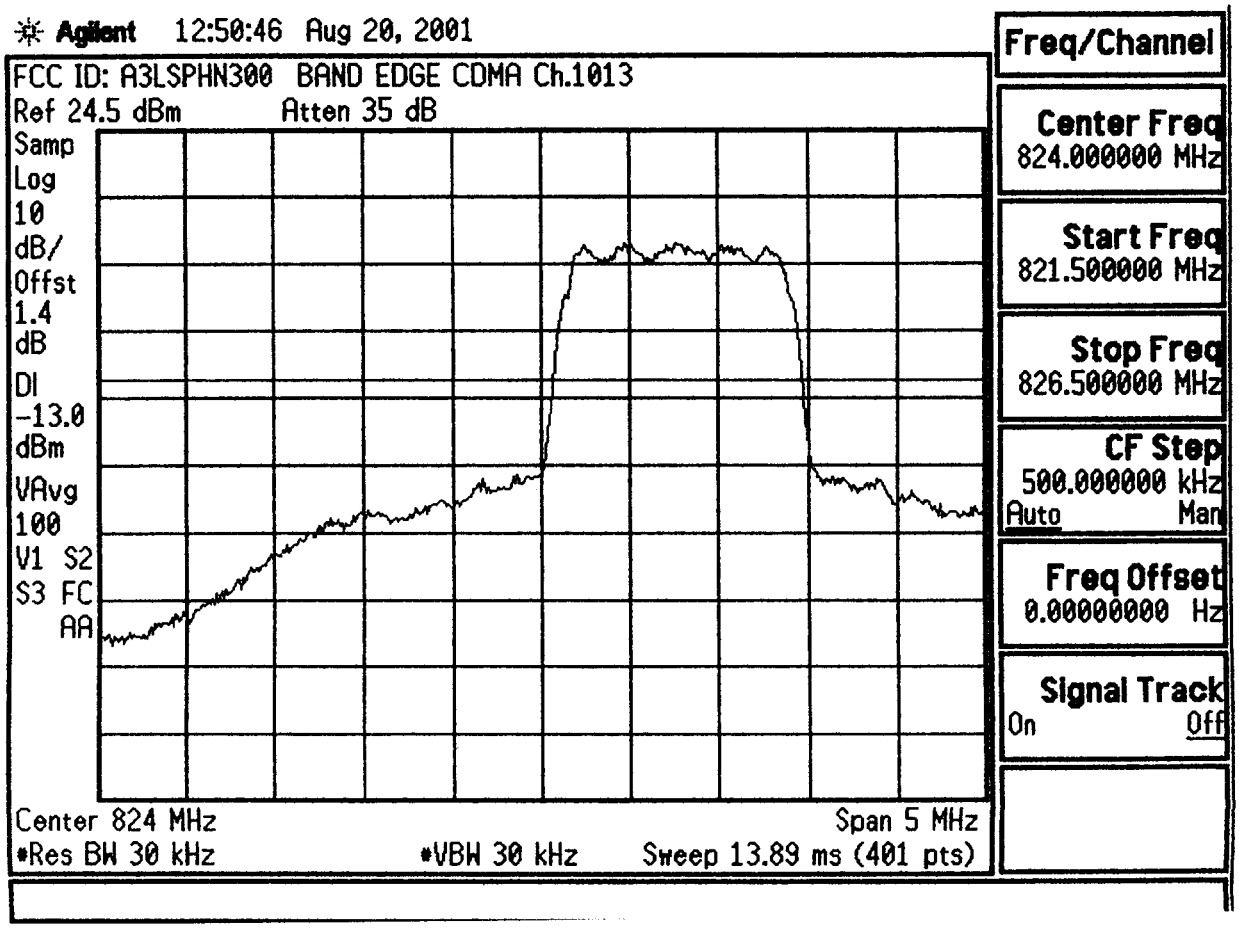

Agilent 12:28:26 Aug 20, 2001
FCC ID: A3LSPHN300 PWR. OUT CDMA Ch.1013
Ref 24.5 dBm
Atten 35 dB
Samp
Log
10
dB/
Offst
1.4
dB
VAvg
100
V1 S2
S3 FC
AA
Center 824.7 MHz
#Res BW 3 MHz
#VBW 3 MHz
Span 10 MHz
Sweep 5 ms (401 pts)
Freq/Channel
Center Freq
824.700000 MHz
Start Freq
819.700000 MHz
Stop Freq
829.700000 MHz
CF Step
1.00000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off

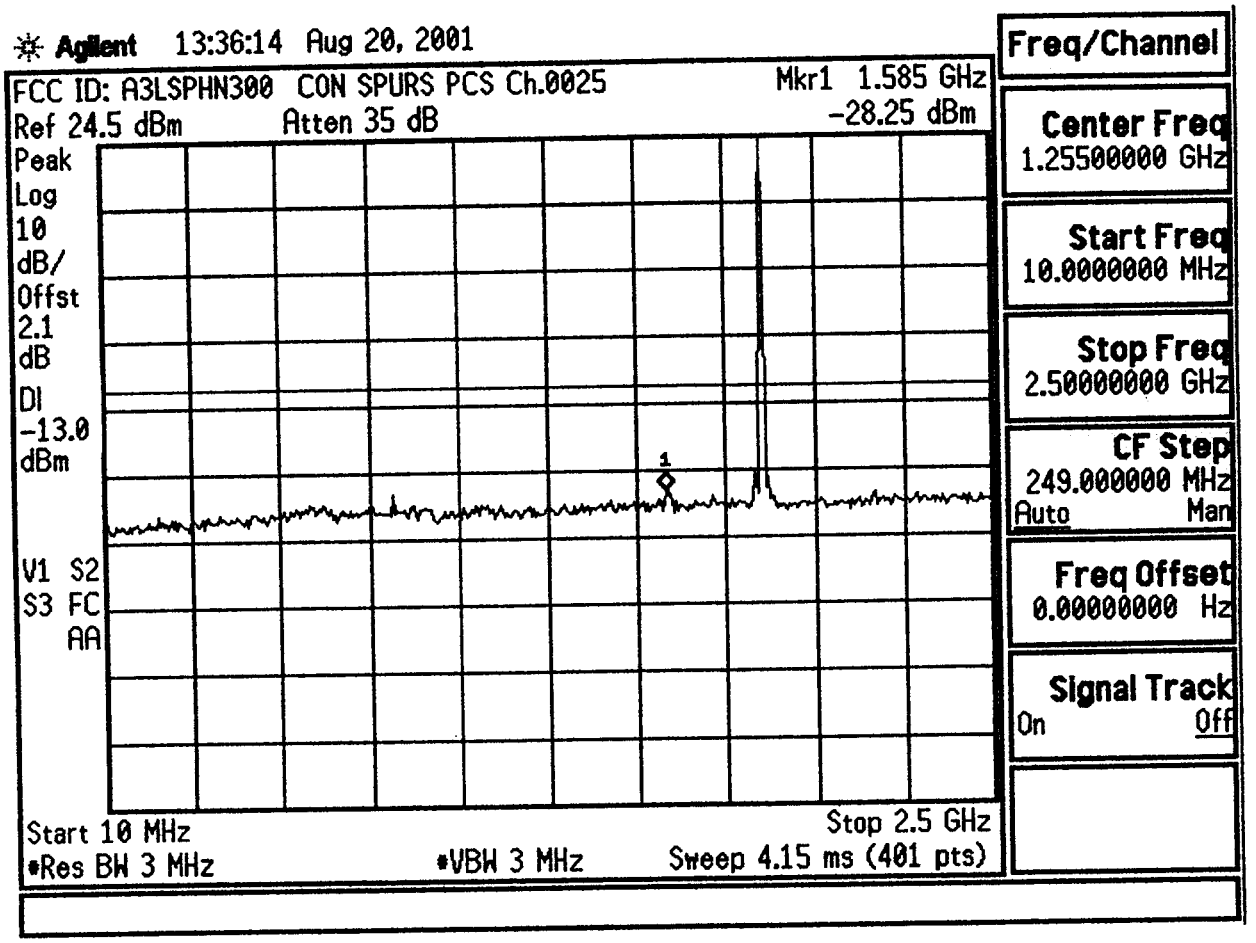

Agilent 12:30:35 Aug 20, 2001
FCC ID: A3LSPHN300 PWR. OUT CDMA Ch.0777
Ref 24.5 dBm
Atten 35 dB
Samp
Log
10
dB/
Offst
1.4
dB
VAvg
100
V1 S2
S3 FC
AA
Center 848.3 MHz
#Res BW 3 MHz
#VBW 3 MHz
Span 10 MHz
Sweep 5 ms (401 pts)
Freq/Channel
Center Freq
848.300000 MHz
Start Freq
843.300000 MHz
Stop Freq
853.300000 MHz
CF Step
1.00000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off

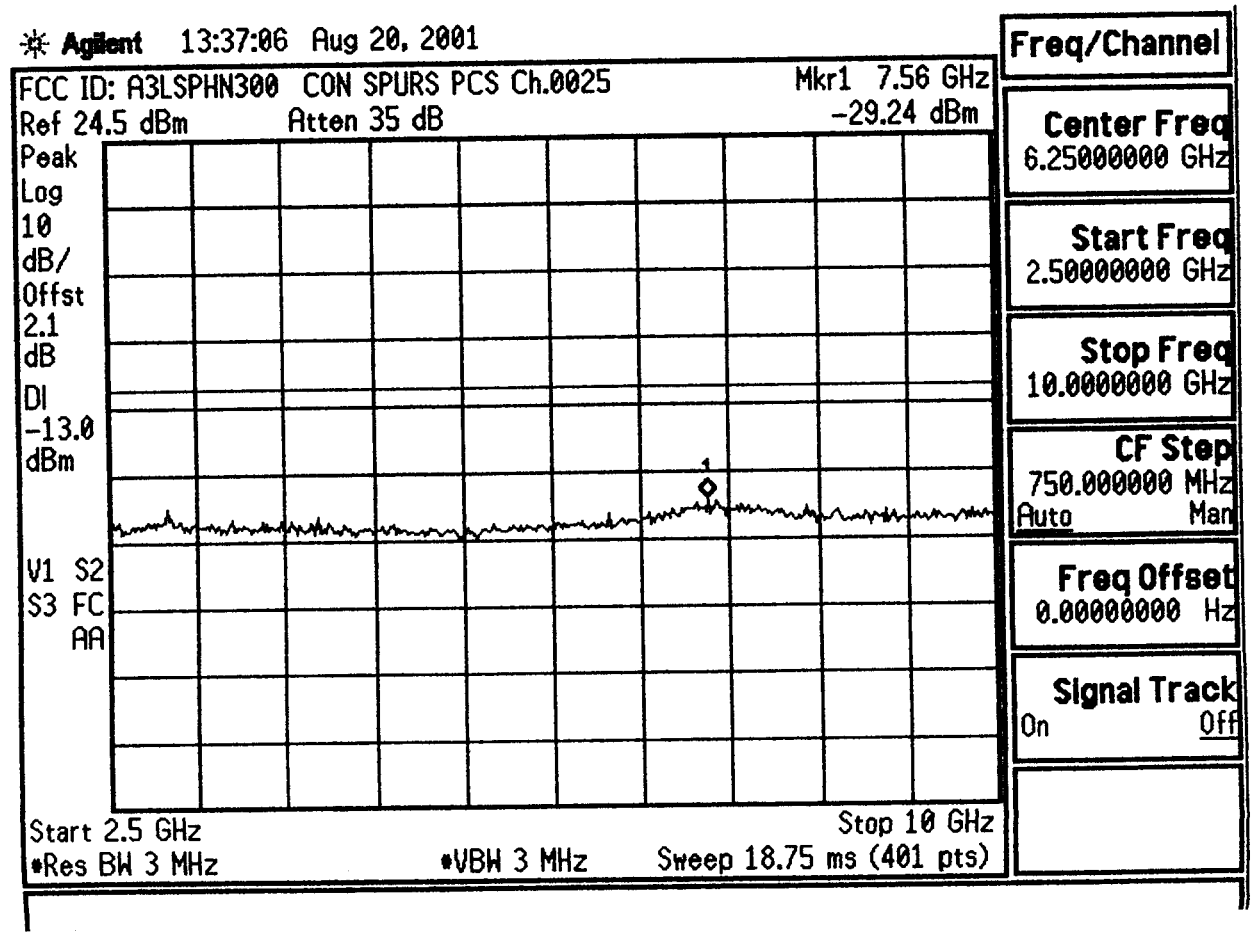

Agilent 12:33:27 Aug 20, 2001
FCC ID: A3LSPHN300 PWR. OUT CDMA Ch.0363
Ref 24.5 dBm
Atten 35 dB
Samp
Log
10
dB/
Offst
1.4
dB
VAvg
100
V1 S2
S3 FC
AA
Center 835.9 MHz
#Res BW 3 MHz
#VBW 3 MHz
Span 10 MHz
Sweep 5 ms (401 pts)
Freq/Channel
Center Freq
835.900000 MHz
Start Freq
830.900000 MHz
Stop Freq
840.900000 MHz
CF Step
1.00000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off

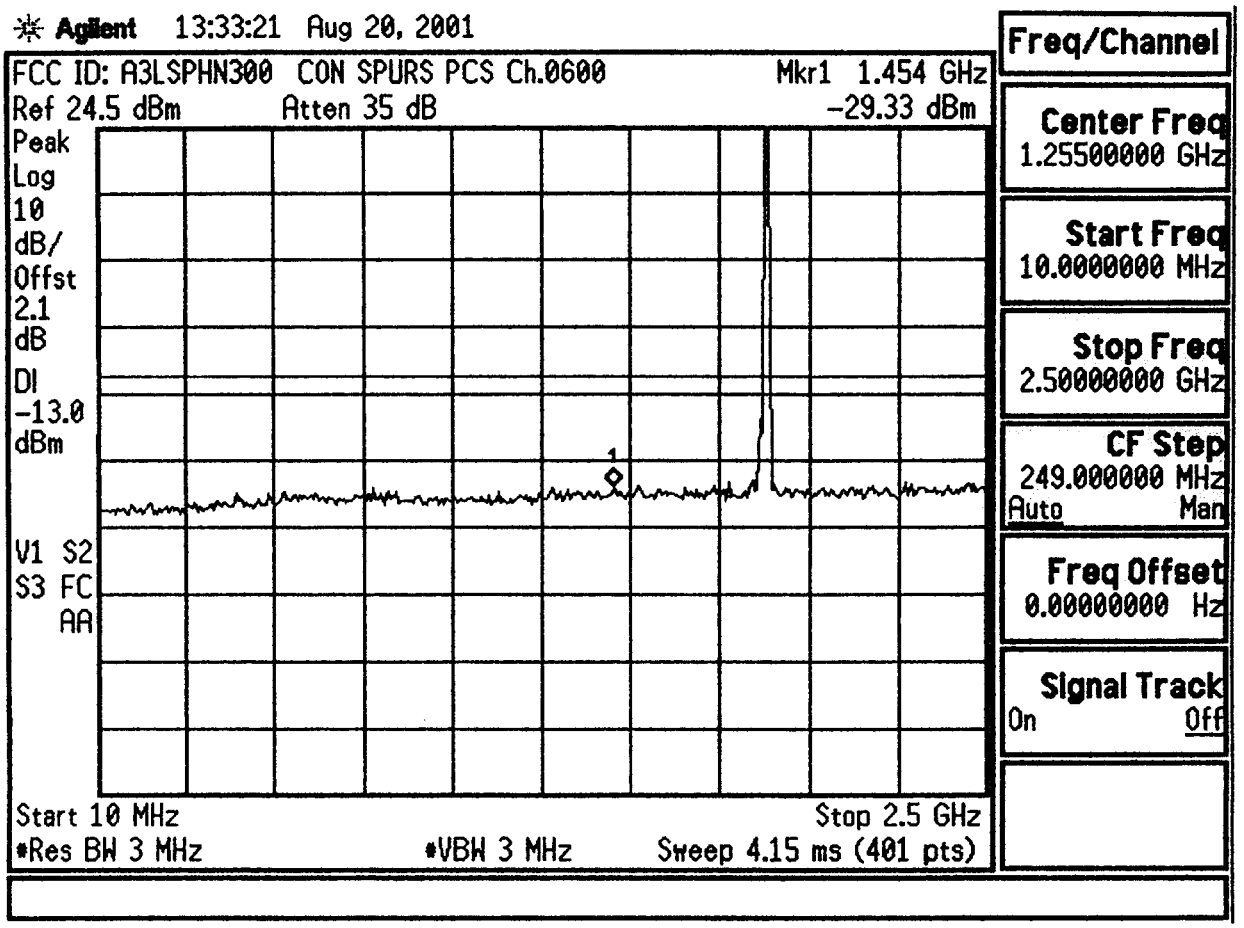

Agilent 12:35:26 Aug 20, 2001
FCC ID: A3LSPHN300 PWR. OUT CDMA Ch.0363
Ref 24.5 dBm
Atten 35 dB
Samp
Log
10
dB/
Offst
1.4
dB
Center 835.9 MHz
#Res BW 30 kHz
#VBW 300 kHz
Span 3 MHz
Sweep 9.167 ms (401 pts)
Channel Power Results (idle)
Channel Power
24.51 dBm
Integration BW 2.000 MHz
Density -38.50 dBm/Hz
Measure
Meas Off
ACP
Channel Power
Occupied BW
Emission BW
Harmonic Dist

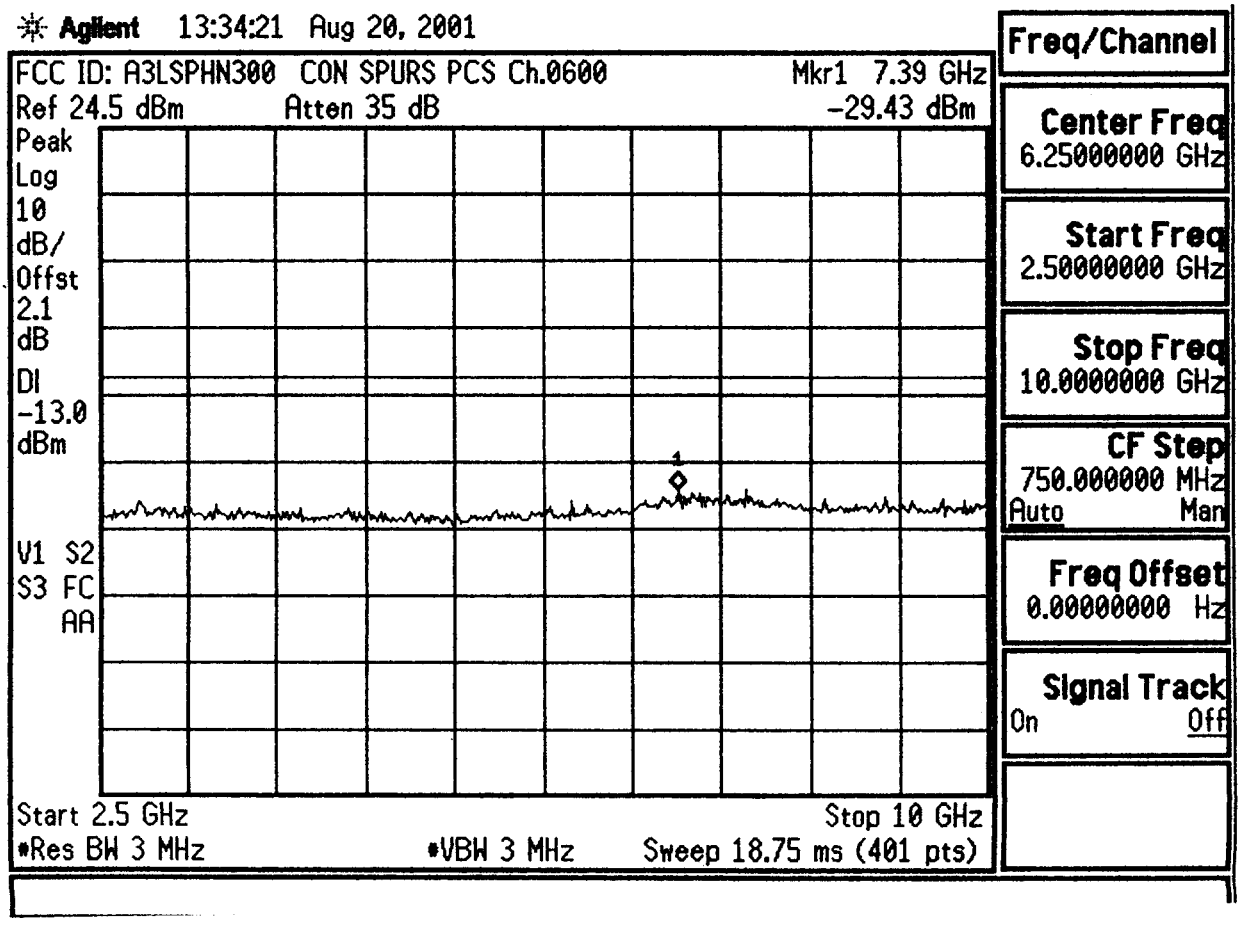

Agilent 12:47:37 Aug 20, 2001
FCC ID: A3LSPHN300 BAND EDGE CDMA Ch.0777
Ref 24.5 dBm
Atten 35 dB
Samp
Log
10
dB/
Offst
1.4
dB
Dl
-13.0
dBm
VAvg
100
V1 S2
S3 FC
AA
Center 849 MHz
Span 5 MHz
#Res BW 30 kHz
#VBW 30 kHz
Sweep 13.89 ms (401 pts)
Freq/Channel
Center Freq
849.000000 MHz
Start Freq
846.500000 MHz
Stop Freq
851.500000 MHz
CF Step
500.000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off

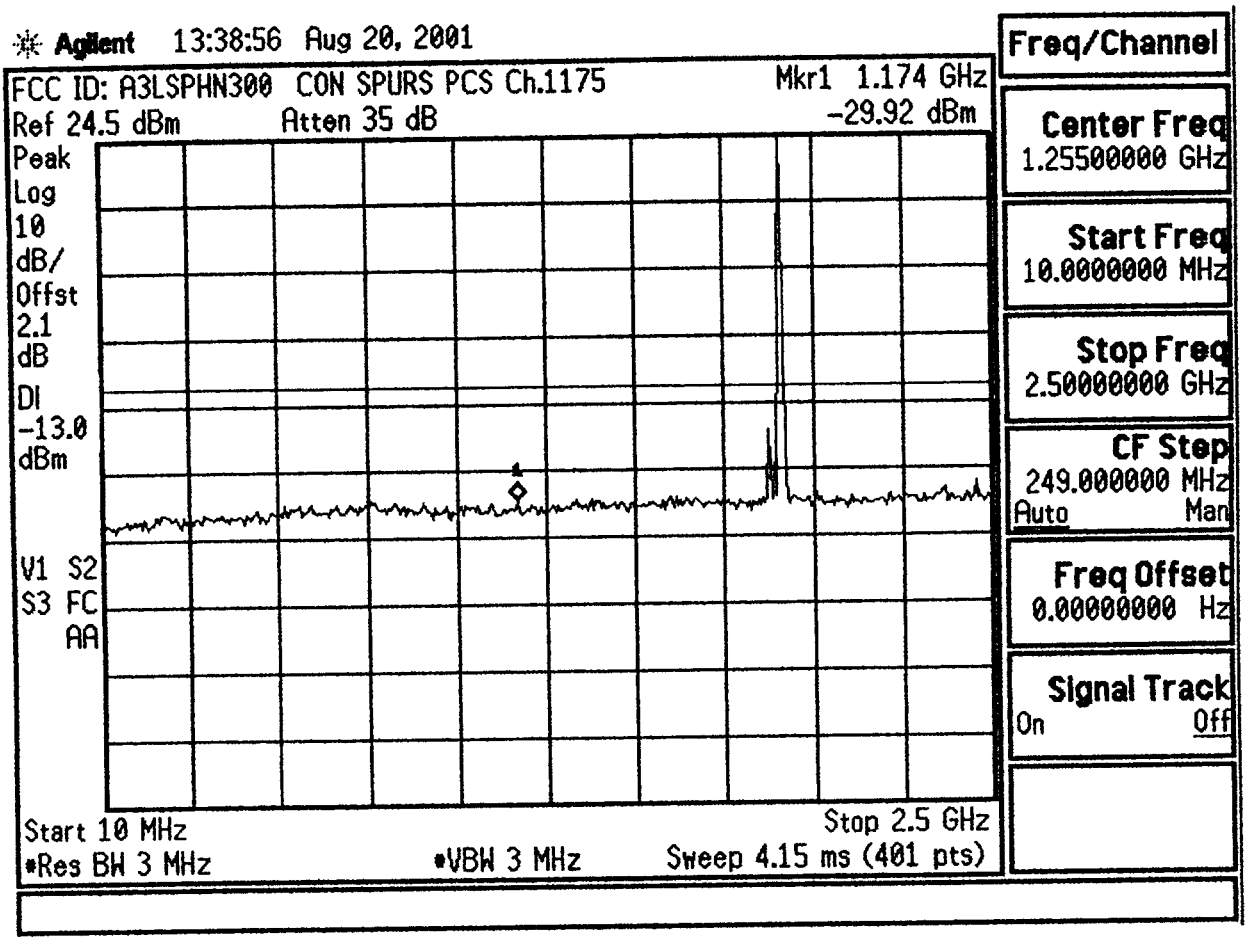

Agilent 12:50:46 Aug 20, 2001
FCC ID: A3LSPHN300 BAND EDGE CDMA Ch.1013
Ref 24.5 dBm
Atten 35 dB
Samp
Log
10
dB/
Offst
1.4
dB
Dl
-13.0
dBm
VAvg
100
V1 S2
S3 FC
AA
Center 824 MHz
Span 5 MHz
#Res BW 30 kHz
#VBW 30 kHz
Sweep 13.89 ms (401 pts)
Freq/Channel
Center Freq
824.000000 MHz
Start Freq
821.500000 MHz
Stop Freq
826.500000 MHz
CF Step
500.000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off

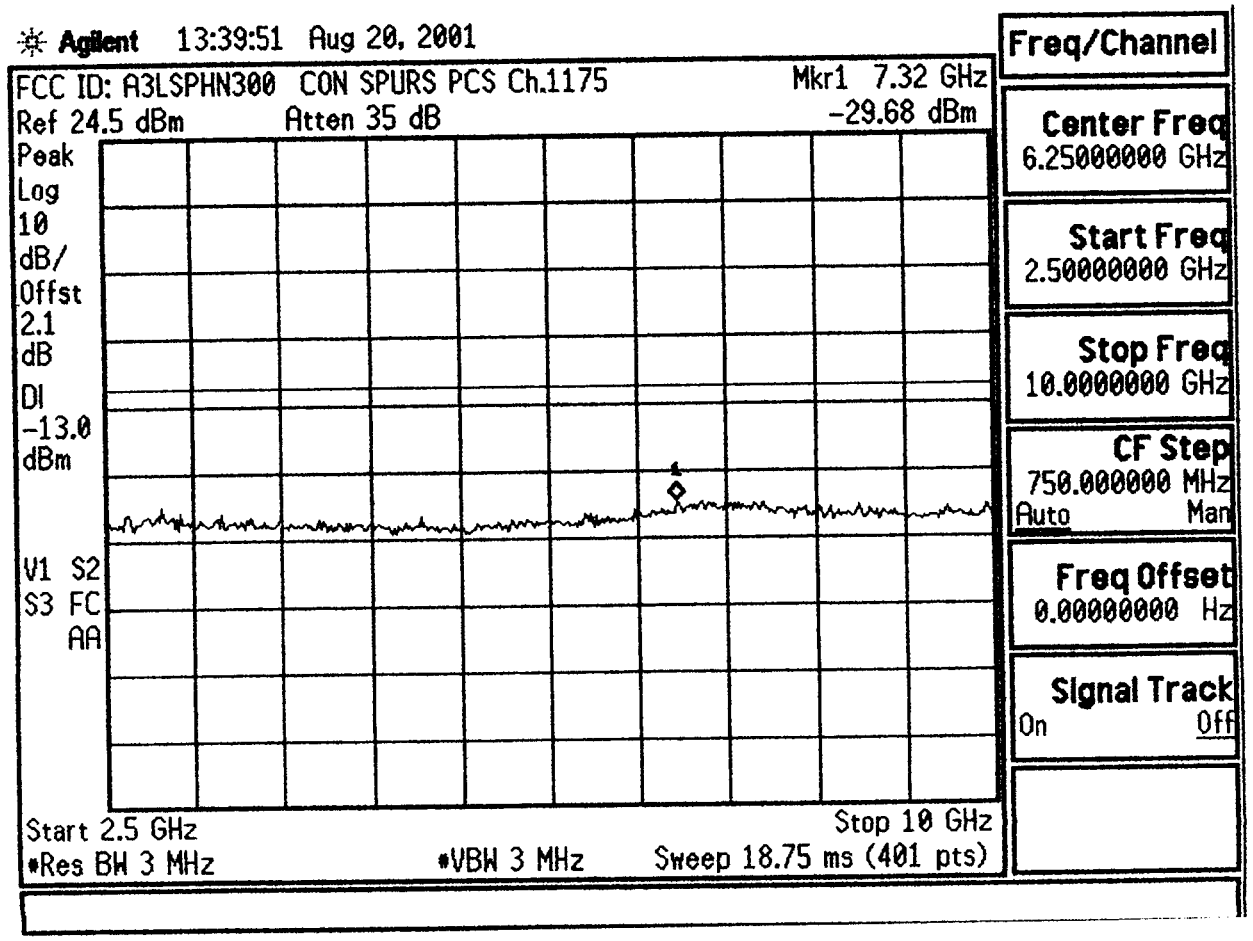

Agilent 13:36:14 Aug 20, 2001
FCC ID: A3LSPHN300 CON SPURS PCS Ch.0025
Mkr1 1.585 GHz
-28.25 dBm
Ref 24.5 dBm
Atten 35 dB
Peak
Log
10
dB/
Offst
2.1
dB
Dl
-13.0
dBm
V1 S2
S3 FC
AA
Start 10 MHz
Stop 2.5 GHz
#Res BW 3 MHz
#VBW 3 MHz
Sweep 4.15 ms (401 pts)
Freq/Channel
Center Freq
1.25500000 GHz
Start Freq
10.0000000 MHz
Stop Freq
2.50000000 GHz
CF Step
249.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off

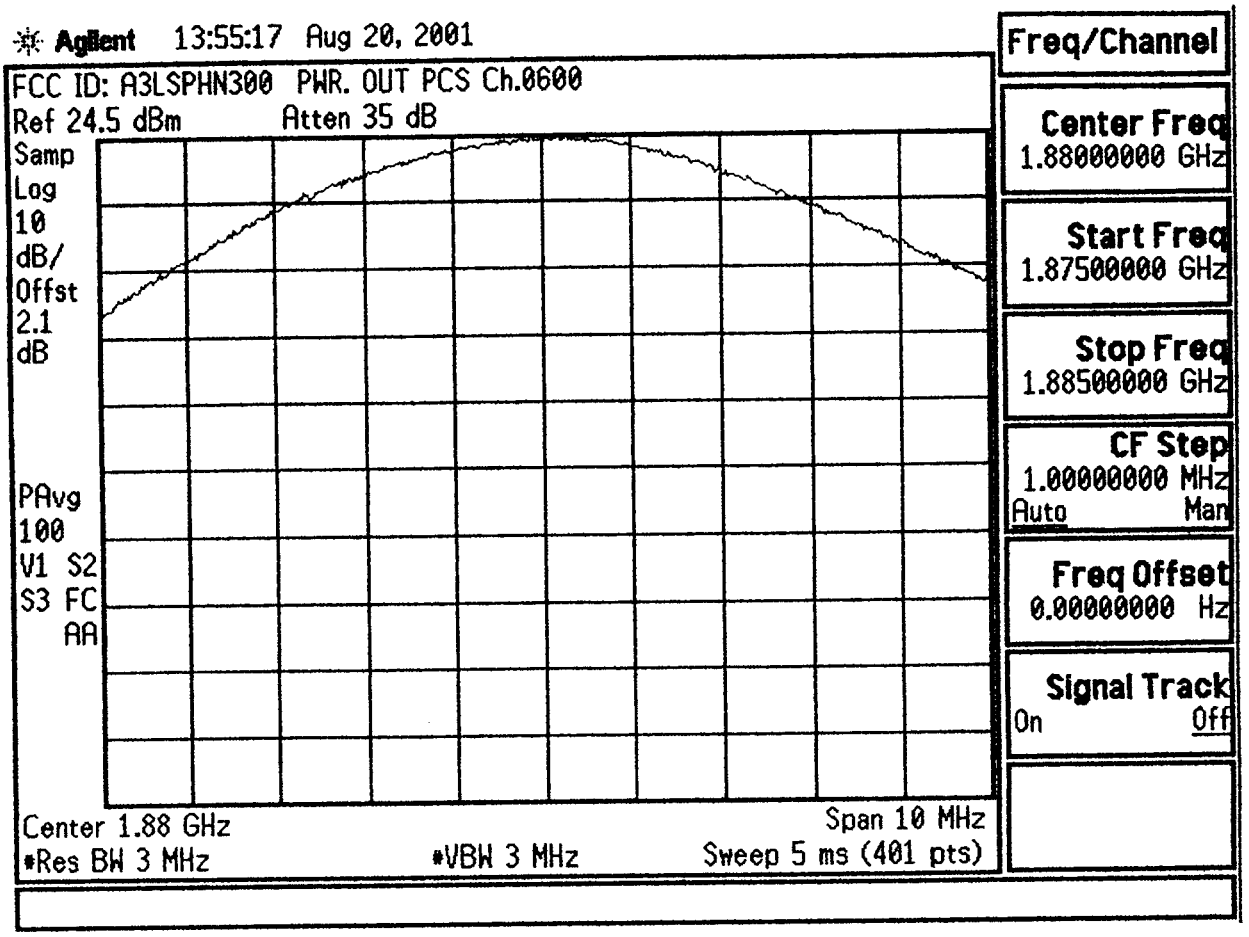

Agilent 13:37:06 Aug 20, 2001
FCC ID: A3LSPHN300 CON SPURS PCS Ch.0025
Mkr1 7.56 GHz
-29.24 dBm
Ref 24.5 dBm
Atten 35 dB
Peak
Log
10
dB/
Offst
2.1
dB
Dl
-13.0
dBm
V1 S2
S3 FC
AA
Start 2.5 GHz
Stop 10 GHz
#Res BW 3 MHz
#VBW 3 MHz
Sweep 18.75 ms (401 pts)
Freq/Channel
Center Freq
6.25000000 GHz
Start Freq
2.50000000 GHz
Stop Freq
10.0000000 GHz
CF Step
750.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off

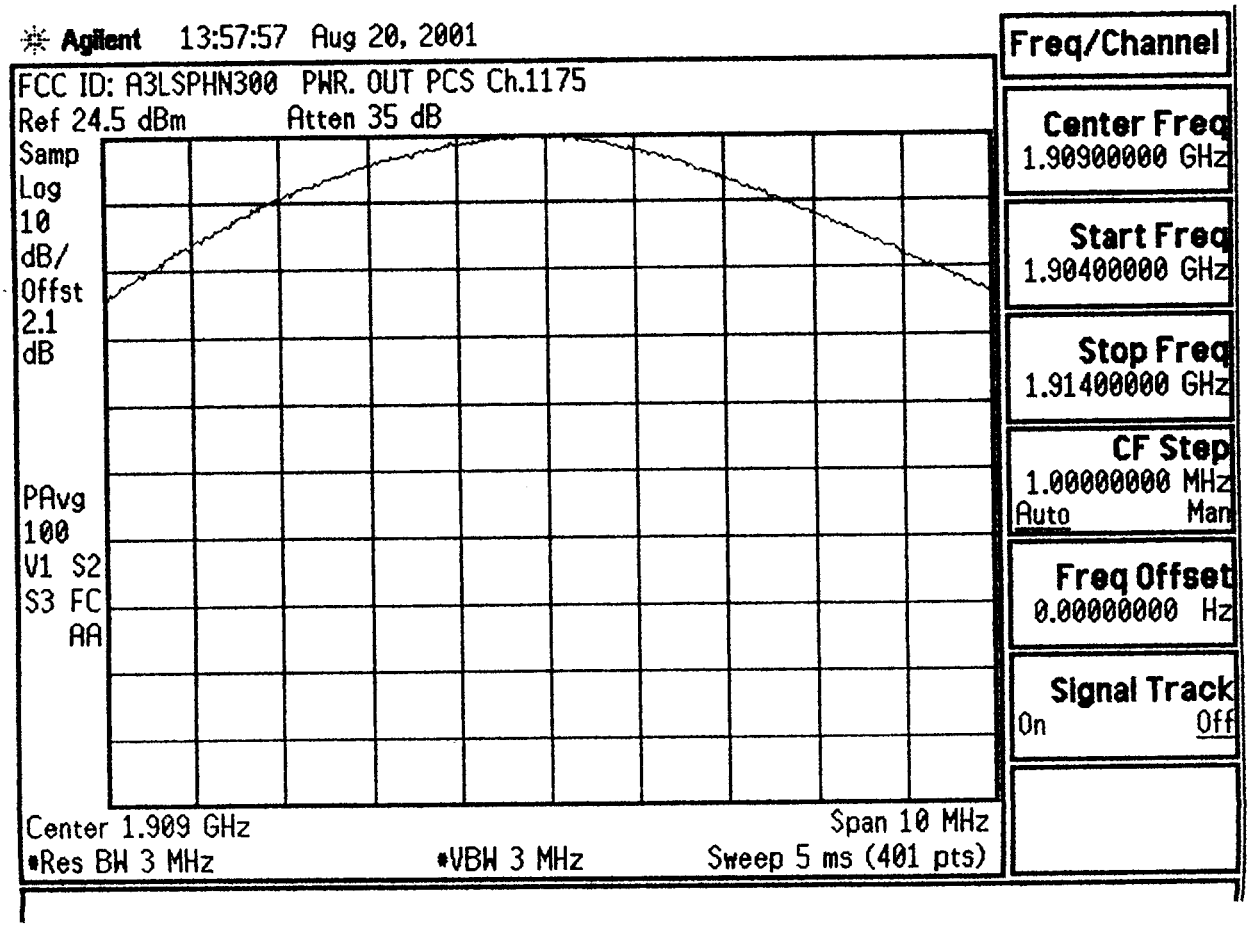

Agilent 13:33:21 Aug 20, 2001
FCC ID: A3LSPHN300 CON SPURS PCS Ch.0600
Mkr1 1.454 GHz
Ref 24.5 dBm
Atten 35 dB
-29.33 dBm
Peak
Log
10
dB/
Offst
2.1
dB
Dl
-13.0
dBm
V1 S2
S3 FC
AA
Start 10 MHz
Stop 2.5 GHz
#Res BW 3 MHz
#VBW 3 MHz
Sweep 4.15 ms (401 pts)
Freq/Channel
Center Freq
1.25500000 GHz
Start Freq
10.0000000 MHz
Stop Freq
2.50000000 GHz
CF Step
249.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off

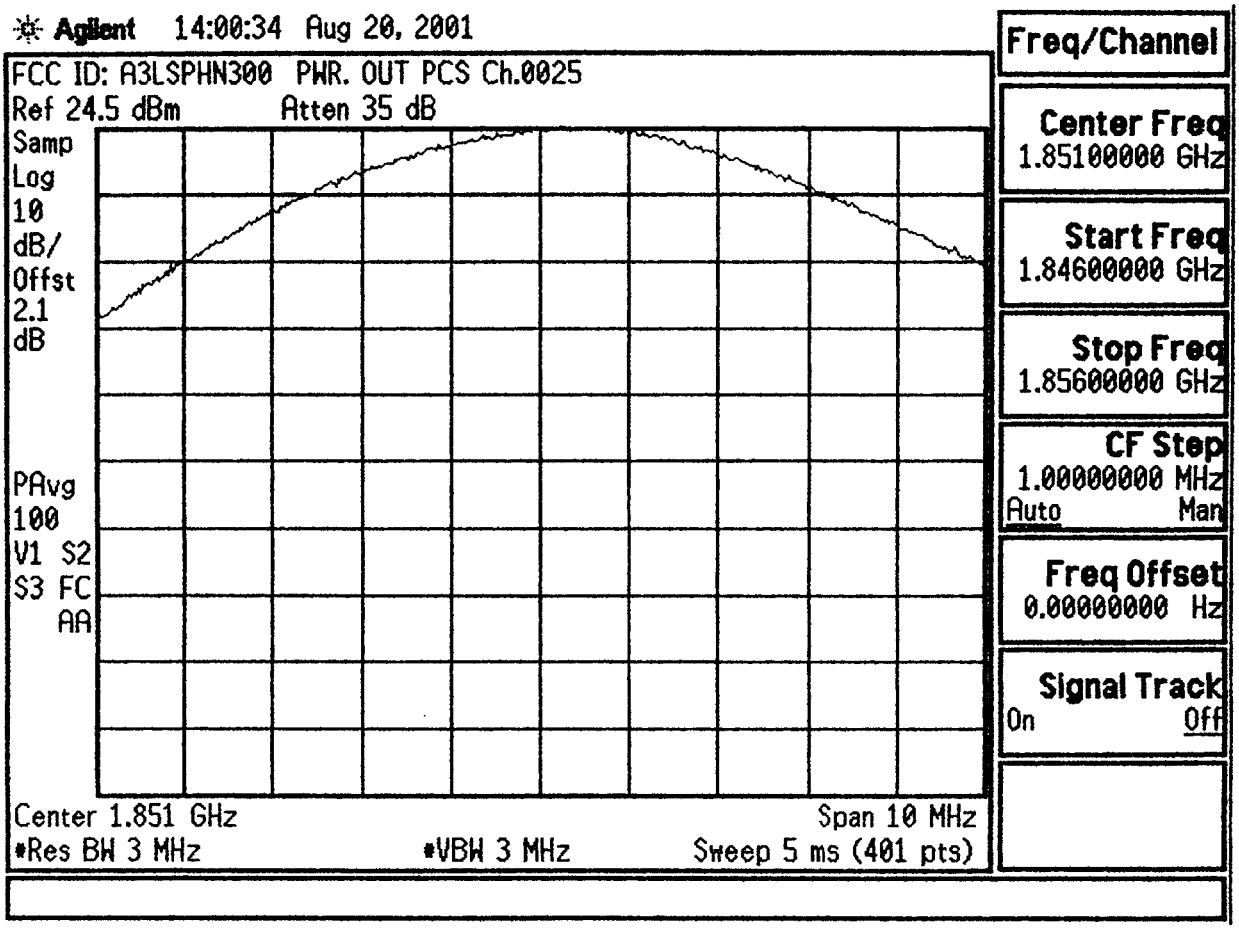

Agilent 13:34:21 Aug 20, 2001
FCC ID: A3LSPHN300 CON SPURS PCS Ch.0600
Mkr1 7.39 GHz
Ref 24.5 dBm
Atten 35 dB
-29.43 dBm
Peak
Log
10
dB/
Offst
2.1
dB
Dl
-13.0
dBm
V1 S2
S3 FC
AA
Start 2.5 GHz
Stop 10 GHz
#Res BW 3 MHz
#VBW 3 MHz
Sweep 18.75 ms (401 pts)
Freq/Channel
Center Freq
6.25000000 GHz
Start Freq
2.50000000 GHz
Stop Freq
10.0000000 GHz
CF Step
750.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off

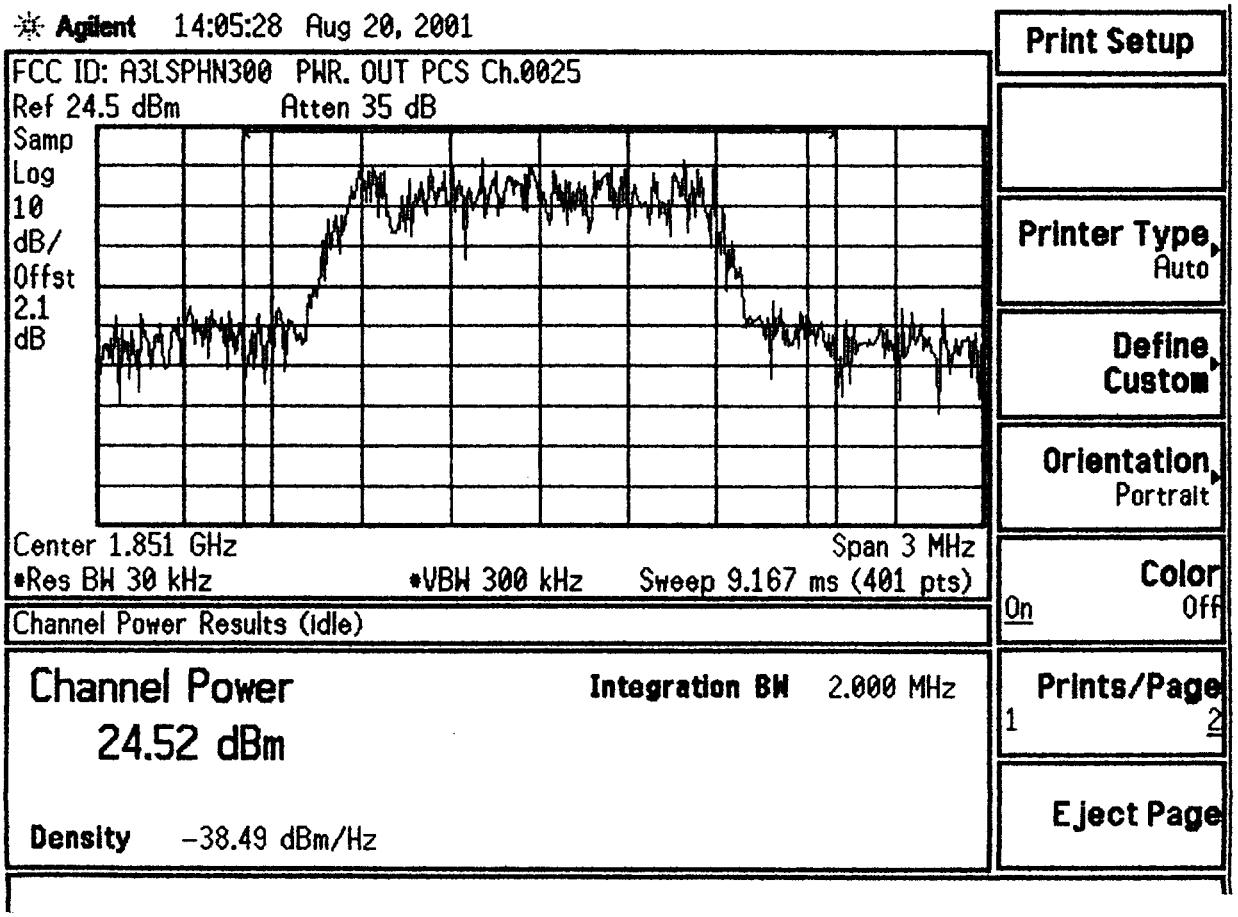

Agilent 13:38:56 Aug 20, 2001
FCC ID: A3LSPHN300 CON SPURS PCS Ch.1175
Mkr1 1.174 GHz
-29.92 dBm
Ref 24.5 dBm
Atten 35 dB
Peak
Log
10
dB/
Offst
2.1
dB
Dl
-13.0
dBm
V1 S2
S3 FC
AA
Start 10 MHz
Stop 2.5 GHz
#Res BW 3 MHz
#VBW 3 MHz
Sweep 4.15 ms (401 pts)
Freq/Channel
Center Freq
1.25500000 GHz
Start Freq
10.0000000 MHz
Stop Freq
2.50000000 GHz
CF Step
249.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off

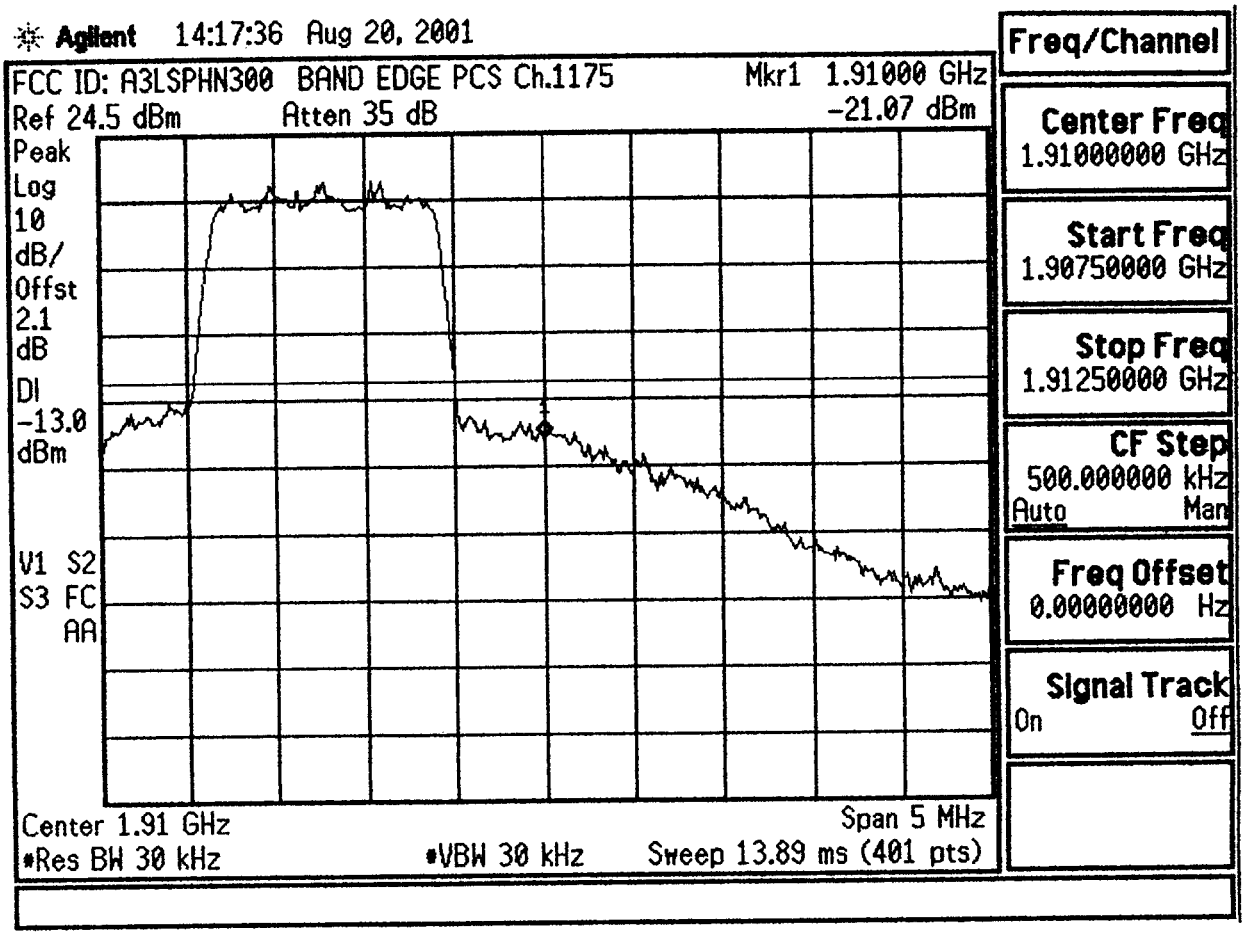

Agilent 13:39:51 Aug 20, 2001
FCC ID: A3LSPHN300 CON SPURS PCS Ch.1175
Mkr1 7.32 GHz
-29.68 dBm
Ref 24.5 dBm
Atten 35 dB
Peak
Log
10
dB/
Offst
2.1
dB
Dl
-13.0
dBm
V1 S2
S3 FC
AA
Start 2.5 GHz
Stop 10 GHz
#Res BW 3 MHz
#VBW 3 MHz
Sweep 18.75 ms (401 pts)
Freq/Channel
Center Freq
6.25000000 GHz
Start Freq
2.50000000 GHz
Stop Freq
10.0000000 GHz
CF Step
750.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off

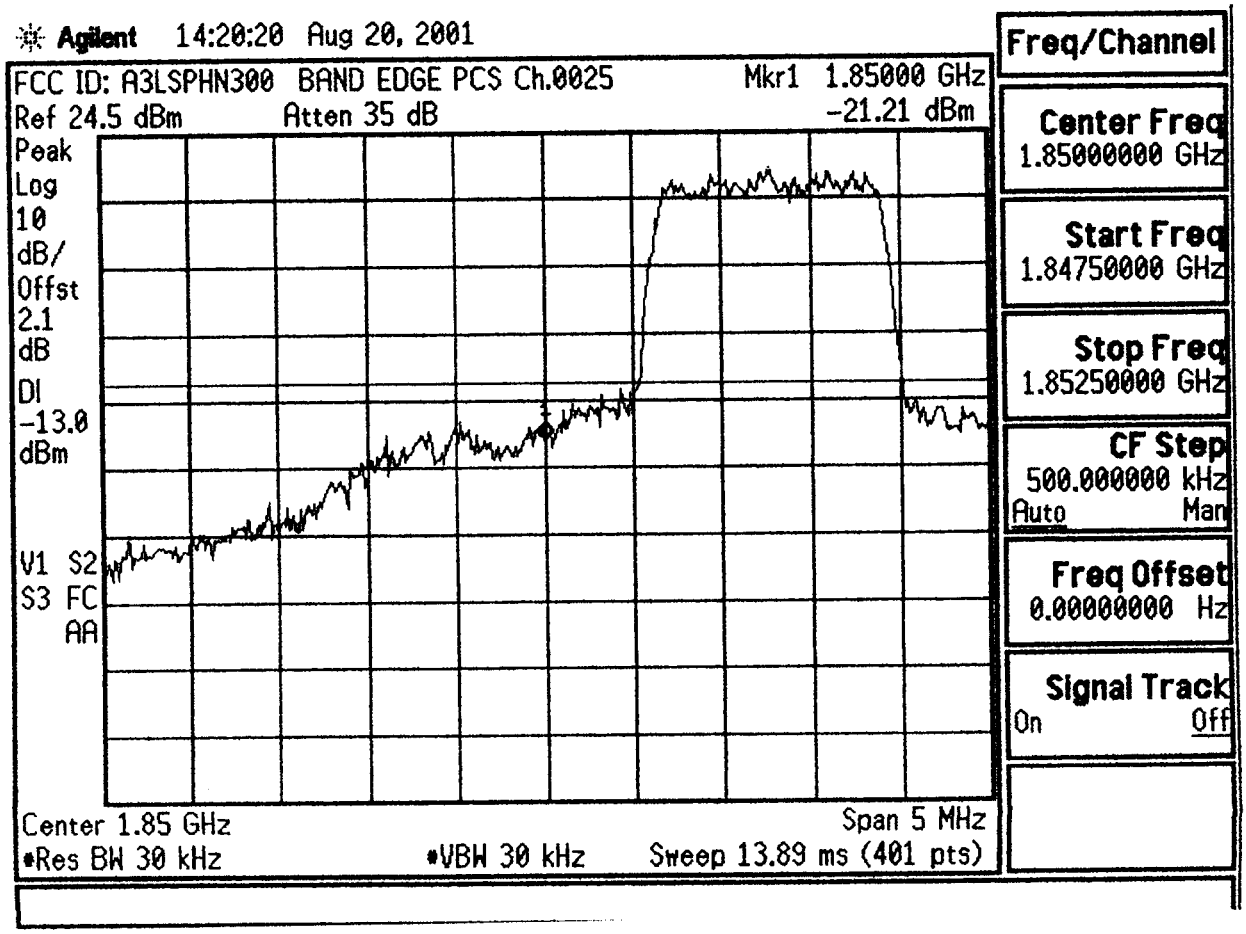

Agilent 13:55:17 Aug 20, 2001
FCC ID: A3LSPHN300 PWR. OUT PCS Ch.0600
Ref 24.5 dBm
Atten 35 dB
Samp
Log
10
dB/
Offst
2.1
dB
PAvg
100
V1 S2
S3 FC
AA
Center 1.88 GHz
#Res BW 3 MHz
#VBW 3 MHz
Span 10 MHz
Sweep 5 ms (401 pts)
Freq/Channel
Center Freq
1.88000000 GHz
Start Freq
1.87500000 GHz
Stop Freq
1.88500000 GHz
CF Step
1.00000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off

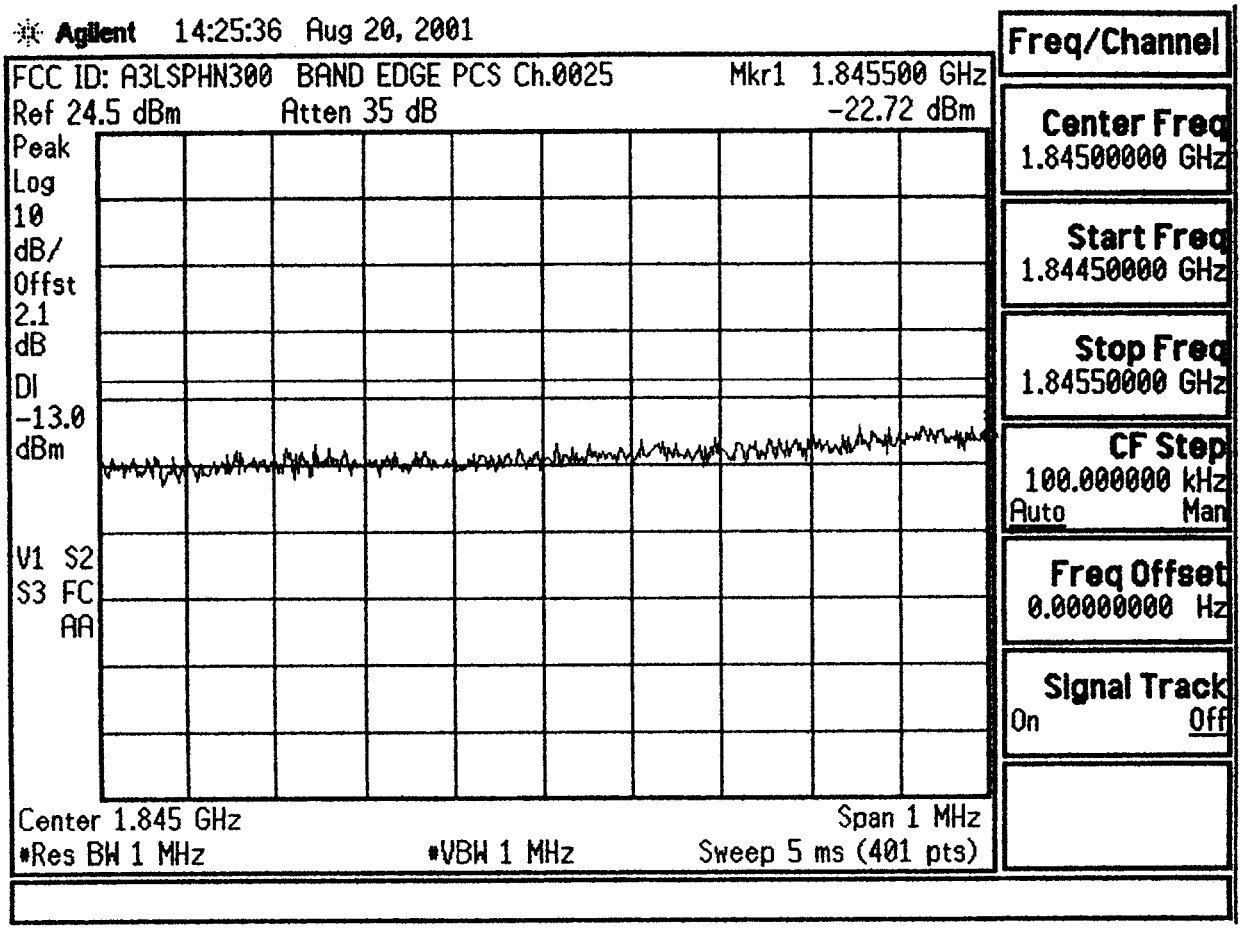

Agilent 13:57:57 Aug 20, 2001
FCC ID: A3LSPHN300 PWR. OUT PCS Ch.1175
Ref 24.5 dBm
Atten 35 dB
Samp
Log
10
dB/
Offst
2.1
dB
PAvg
100
V1 S2
S3 FC
AA
Center 1.909 GHz
#Res BW 3 MHz
#VBW 3 MHz
Span 10 MHz
Sweep 5 ms (401 pts)
Freq/Channel
Center Freq
1.90900000 GHz
Start Freq
1.90400000 GHz
Stop Freq
1.91400000 GHz
CF Step
1.00000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off

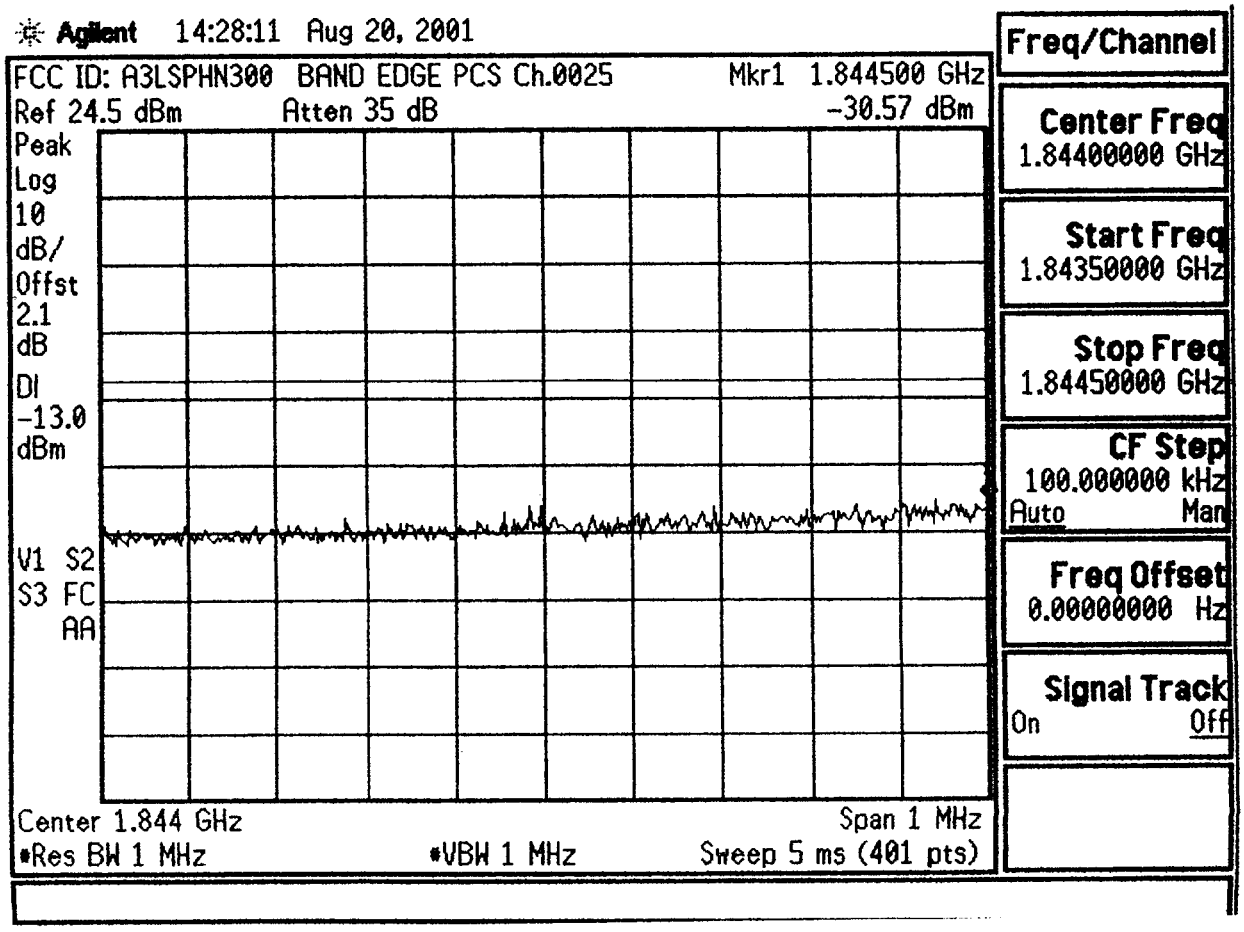

Agilent 14:00:34 Aug 20, 2001
FCC ID: A3LSPHN300 PWR. OUT PCS Ch.0025
Ref 24.5 dBm
Atten 35 dB
Samp
Log
10
dB/
Offst
2.1
dB
PAvg
100
V1 S2
S3 FC
AA
Center 1.851 GHz
Span 10 MHz
#Res BW 3 MHz
#VBW 3 MHz
Sweep 5 ms (401 pts)
Freq/Channel
Center Freq
1.85100000 GHz
Start Freq
1.84600000 GHz
Stop Freq
1.85600000 GHz
CF Step
1.00000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off

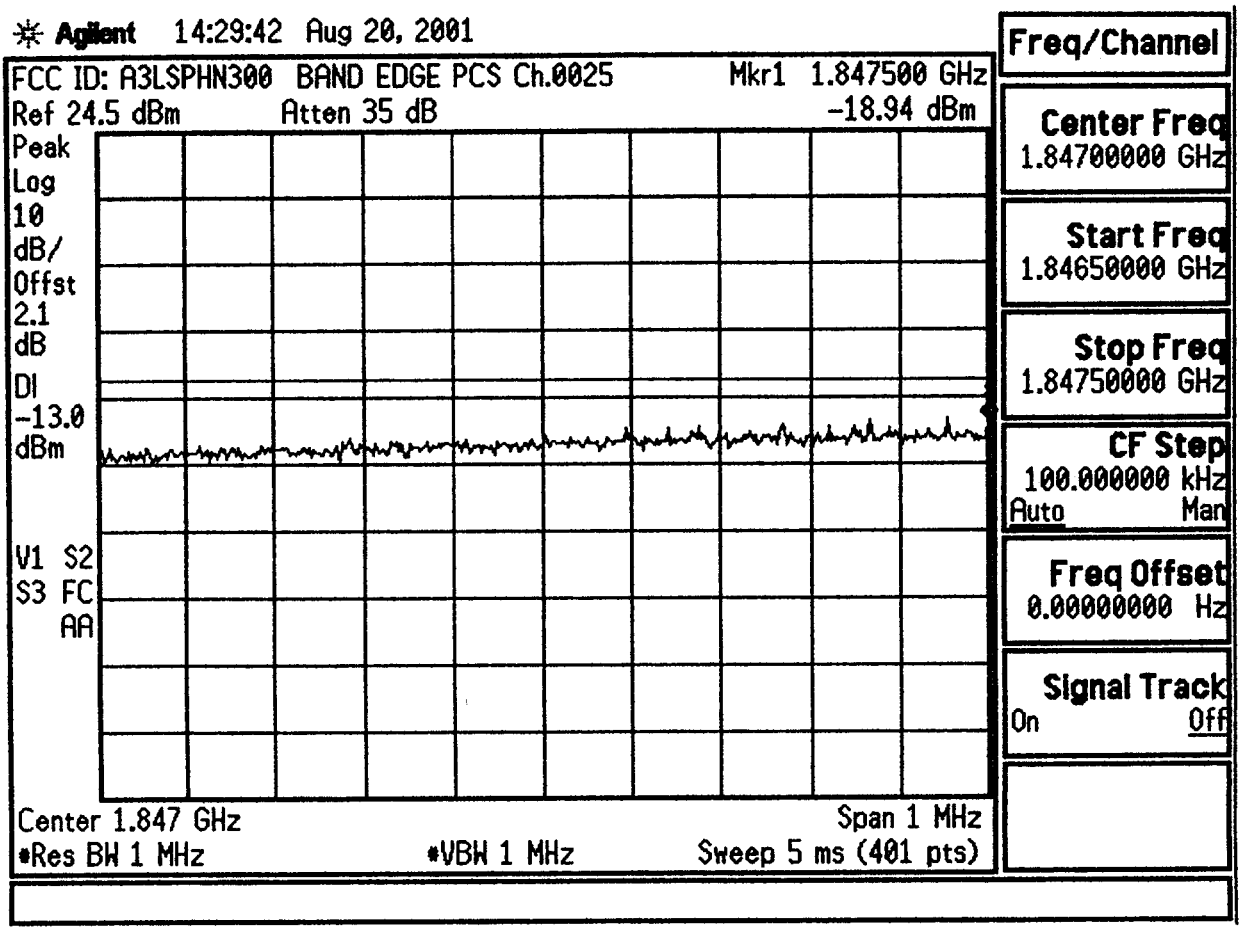

Agilent 14:05:28 Aug 20, 2001
FCC ID: A3LSPHN300 PWR. OUT PCS Ch.0025
Ref 24.5 dBm
Atten 35 dB
Samp
Log
10
dB/
Offst
2.1
dB
Center 1.851 GHz
Span 3 MHz
#Res BW 30 kHz
#VBW 300 kHz
Sweep 9.167 ms (401 pts)
Channel Power Results (idle)
Channel Power
24.52 dBm
Integration BW 2.000 MHz
Density -38.49 dBm/Hz
Print Setup
Printer Type
Auto
Define
Custom
Orientation
Portrait
Color
On Off
Prints/Page
1 2
Eject Page

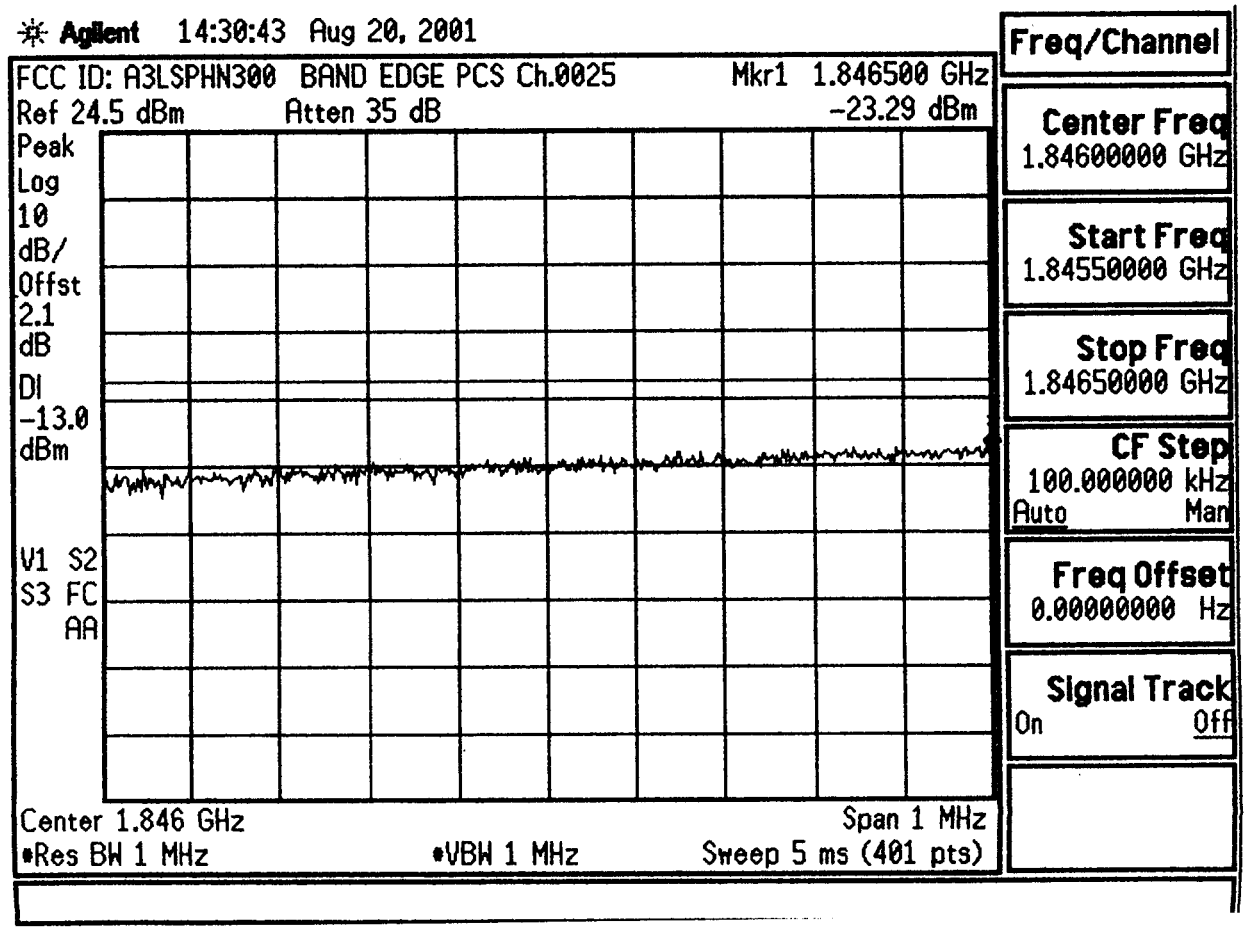

Agilent 14:17:36 Aug 20, 2001
FCC ID: A3LSPHN300 BAND EDGE PCS Ch.1175
Mkr1 1.91000 GHz
-21.07 dBm
Ref 24.5 dBm
Atten 35 dB
Peak
Log
10
dB/
Offst
2.1
dB
Dl
-13.0
dBm
V1 S2
S3 FC
AA
Center 1.91 GHz
#Res BW 30 kHz
#VBW 30 kHz
Span 5 MHz
Sweep 13.89 ms (401 pts)
Freq/Channel
Center Freq
1.91000000 GHz
Start 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

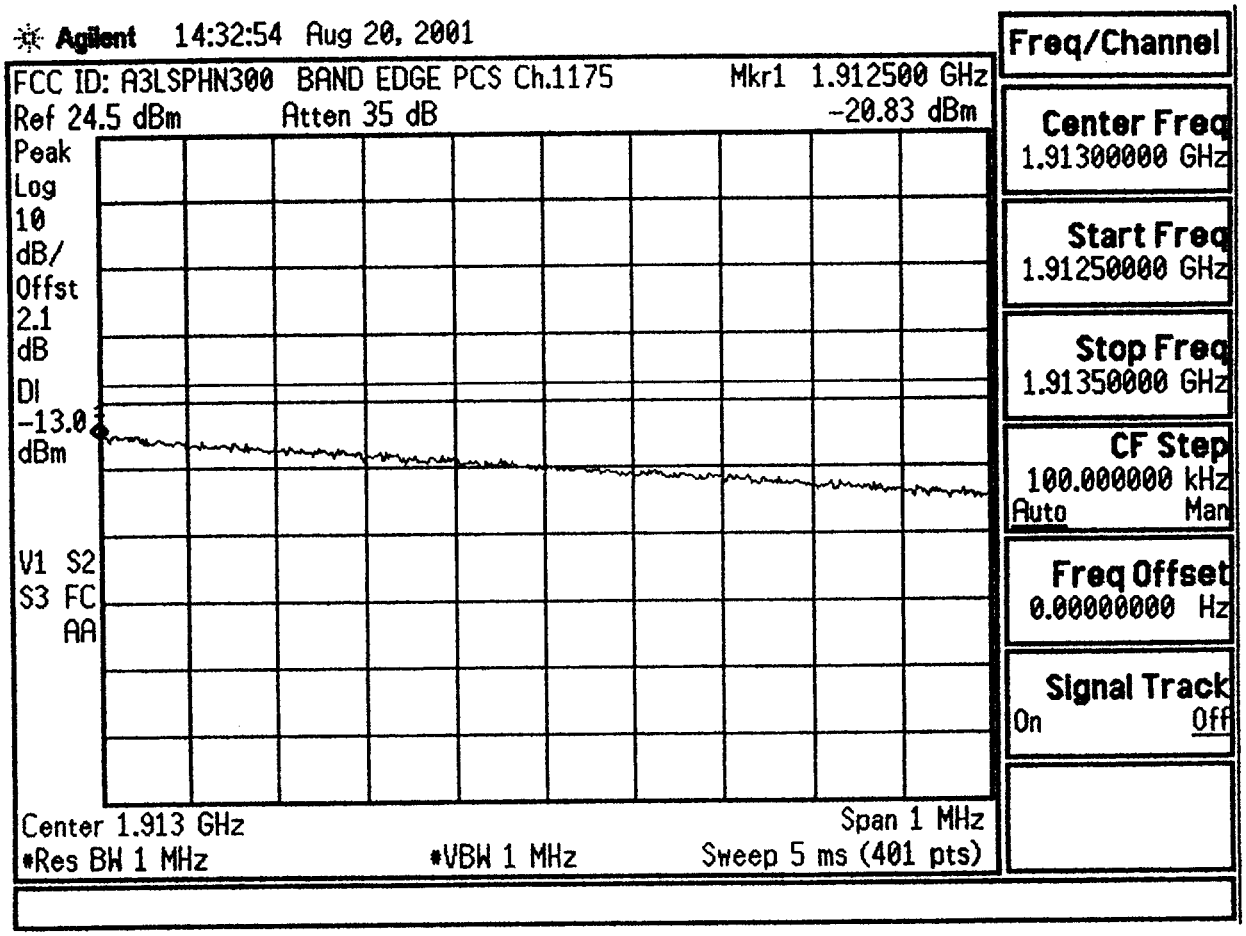

Agilent 14:20:20 Aug 20, 2001
FCC ID: A3LSPHN300 BAND EDGE PCS Ch.0025
Mkr1 1.85000 GHz
-21.21 dBm
Ref 24.5 dBm
Atten 35 dB
Peak
Log
10
dB/
Offst
2.1
dB
Dl
-13.0
dBm
V1 S2
S3 FC
AA
Center 1.85 GHz
#Res BW 30 kHz
#VBW 30 kHz
Span 5 MHz
Sweep 13.89 ms (401 pts)
Freq/Channel
Center Freq
1.85000000 GHz
Start 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

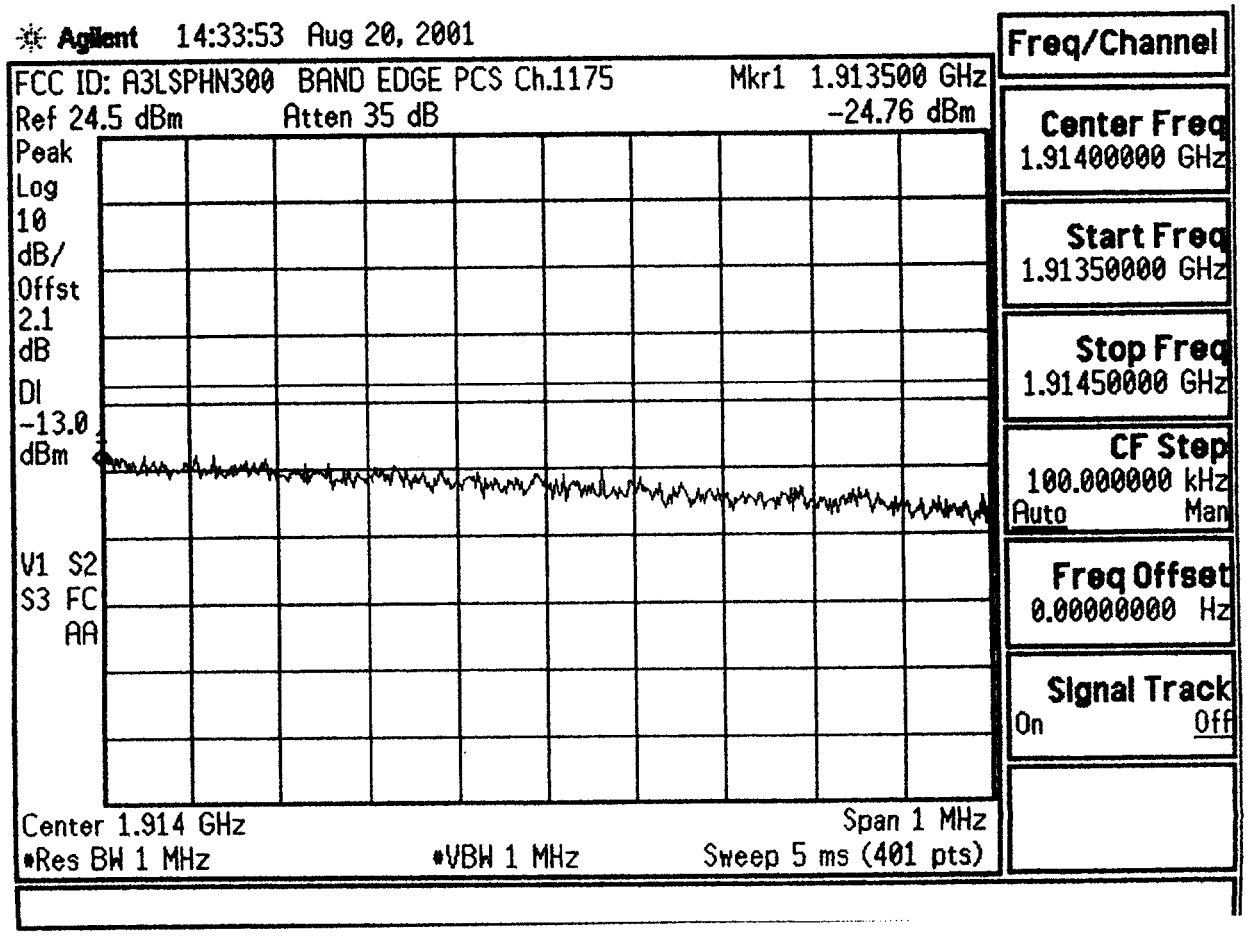

Agilent 14:25:36 Aug 20, 2001
FCC ID: A3LSPHN300 BAND EDGE PCS Ch.0025
Mkr1 1.845500 GHz
Ref 24.5 dBm
Atten 35 dB
-22.72 dBm
Peak
Log
10
dB/
Offst
2.1
dB
Dl
-13.0
dBm
V1 S2
S3 FC
AA
Center 1.845 GHz
Span 1 MHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 5 ms (401 pts)
Freq/Channel
Center Freq
1.84500000 GHz
Start 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

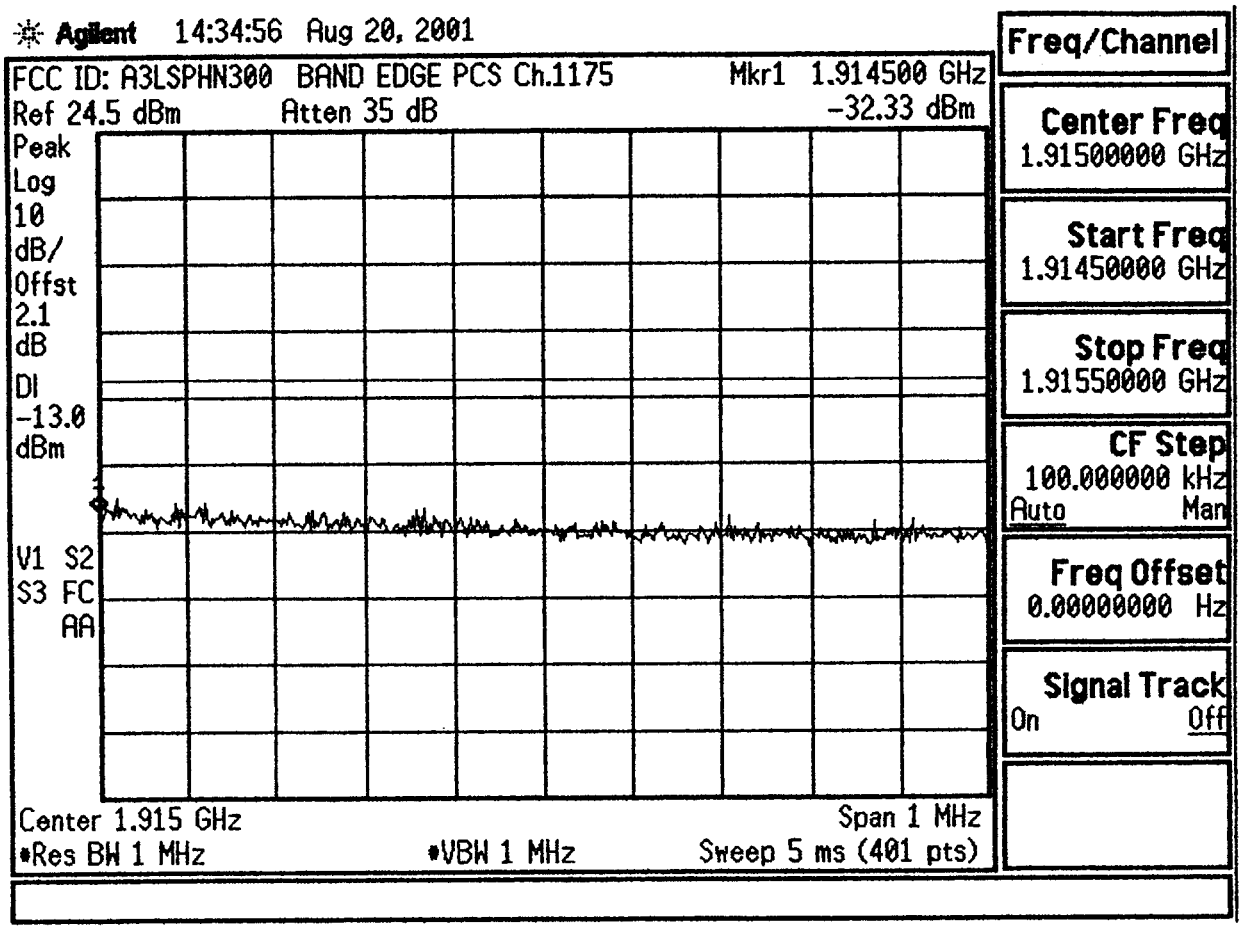

Agilent 14:28:11 Aug 20, 2001
FCC ID: A3LSPHN300 BAND EDGE PCS Ch.0025
Mkr1 1.844500 GHz
Ref 24.5 dBm
Atten 35 dB
-30.57 dBm
Peak
Log
10
dB/
Offst
2.1
dB
Dl
-13.0
dBm
V1 S2
S3 FC
AA
Center 1.844 GHz
Span 1 MHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 5 ms (401 pts)
Freq/Channel
Center Freq
1.84400000 GHz
Start 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

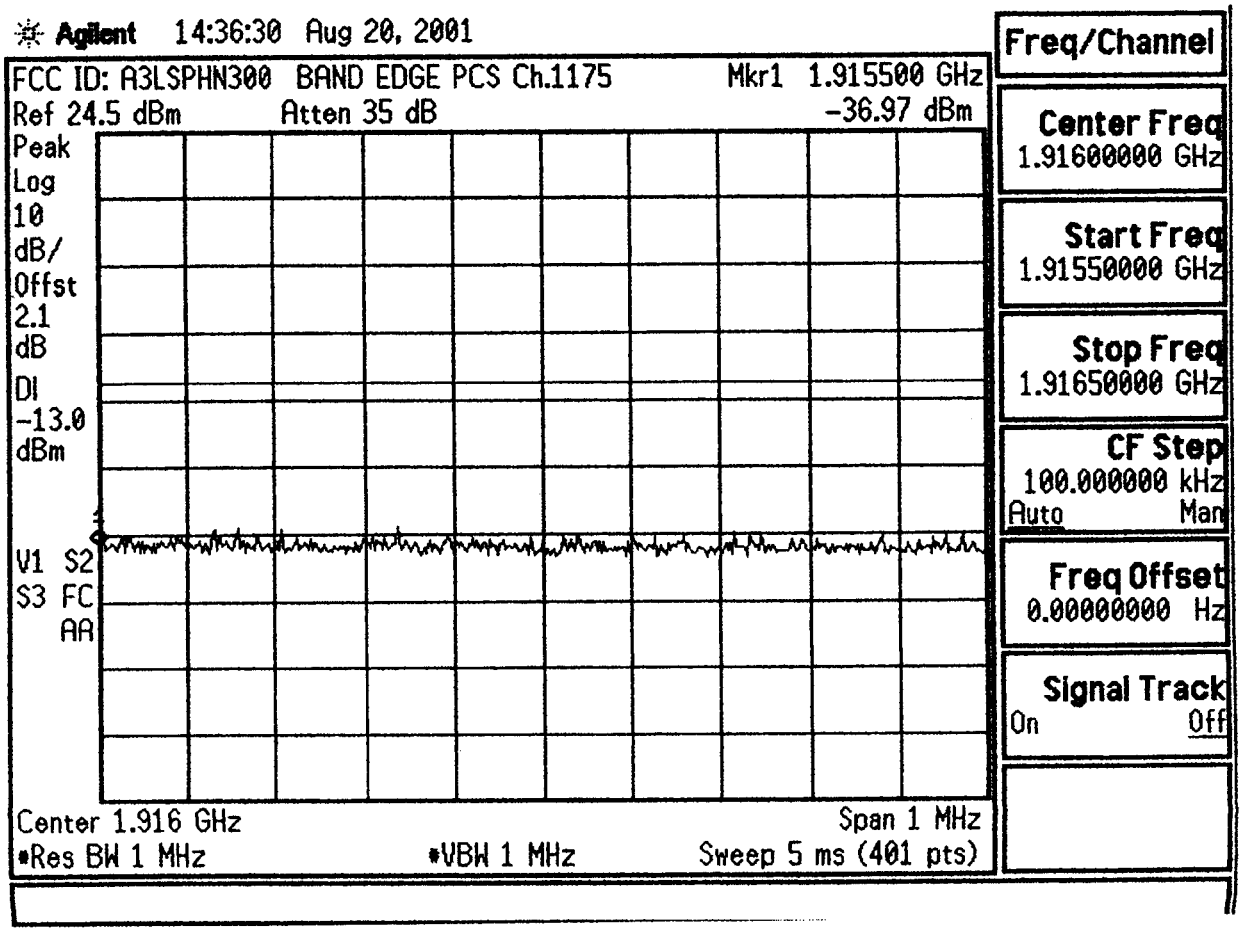

Agilent 14:29:42 Aug 20, 2001
FCC ID: A3LSPHN300 BAND EDGE PCS Ch.0025
Mkr1 1.847500 GHz
Ref 24.5 dBm
Atten 35 dB
-18.94 dBm
Peak
Log
10
dB/
Offst
2.1
dB
Dl
-13.0
dBm
V1 S2
S3 FC
AA
Center 1.847 GHz
Span 1 MHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 5 ms (401 pts)
Freq/Channel
Center Freq
1.84700000 GHz
Start 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

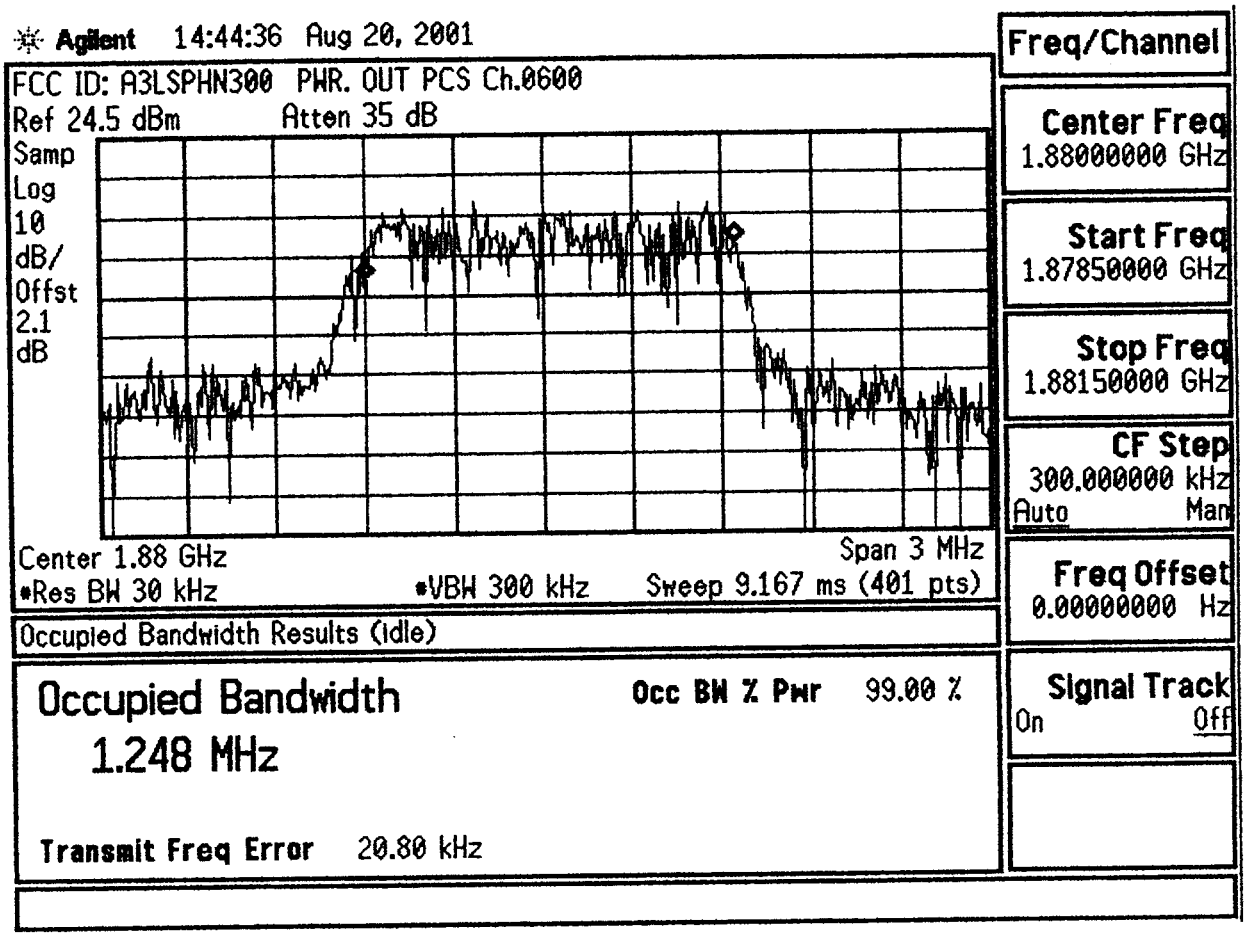

Agilent 14:30:43 Aug 20, 2001
FCC ID: A3LSPHN300 BAND EDGE PCS Ch.0025
Mkr1 1.846500 GHz
Ref 24.5 dBm
Atten 35 dB
-23.29 dBm
Peak
Log
10
dB/
Offst
2.1
dB
Dl
-13.0
dBm
V1 S2
S3 FC
AA
Center 1.846 GHz
Span 1 MHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 5 ms (401 pts)
Freq/Channel
Center Freq
1.84600000 GHz
Start 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 14:32:54 Aug 20, 2001
FCC ID: A3LSPHN300 BAND EDGE PCS Ch.1175
Mkr1 1.912500 GHz
-20.83 dBm
Ref 24.5 dBm
Atten 35 dB
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 14:33:53 Aug 20, 2001
FCC ID: A3LSPHN300 BAND EDGE PCS Ch.1175
Mkr1 1.913500 GHz
-24.76 dBm
Ref 24.5 dBm
Atten 35 dB
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 14:34:56 Aug 20, 2001
FCC ID: A3LSPHN300 BAND EDGE PCS Ch.1175
Mkr1 1.914500 GHz
-32.33 dBm
Ref 24.5 dBm
Atten 35 dB
Peak
Log
10
dB/
Offst
2.1
dB
Dl
-13.0
dBm
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 14:36:30 Aug 20, 2001
FCC ID: A3LSPHN300 BAND EDGE PCS Ch.1175
Mkr1 1.915500 GHz
-36.97 dBm
Ref 24.5 dBm
Atten 35 dB
Peak
Log
10
dB/
Offst
2.1
dB
Dl
-13.0
dBm
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


Agilent 14:44:36 Aug 20, 2001
FCC ID: A3LSPHN300 PWR. OUT PCS Ch.0600
Ref 24.5 dBm
Atten 35 dB
Samp
Log
10
dB/
Offst
2.1
dB
Center 1.88 GHz
#Res BW 30 kHz
#VBW 300 kHz
Span 3 MHz
Sweep 9.167 ms (401 pts)
Occupied Bandwidth Results (Idle)
Occupied Bandwidth
1.248 MHz
Occ BW % Pwr 99.00 %
Transmit Freq Error 20.80 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