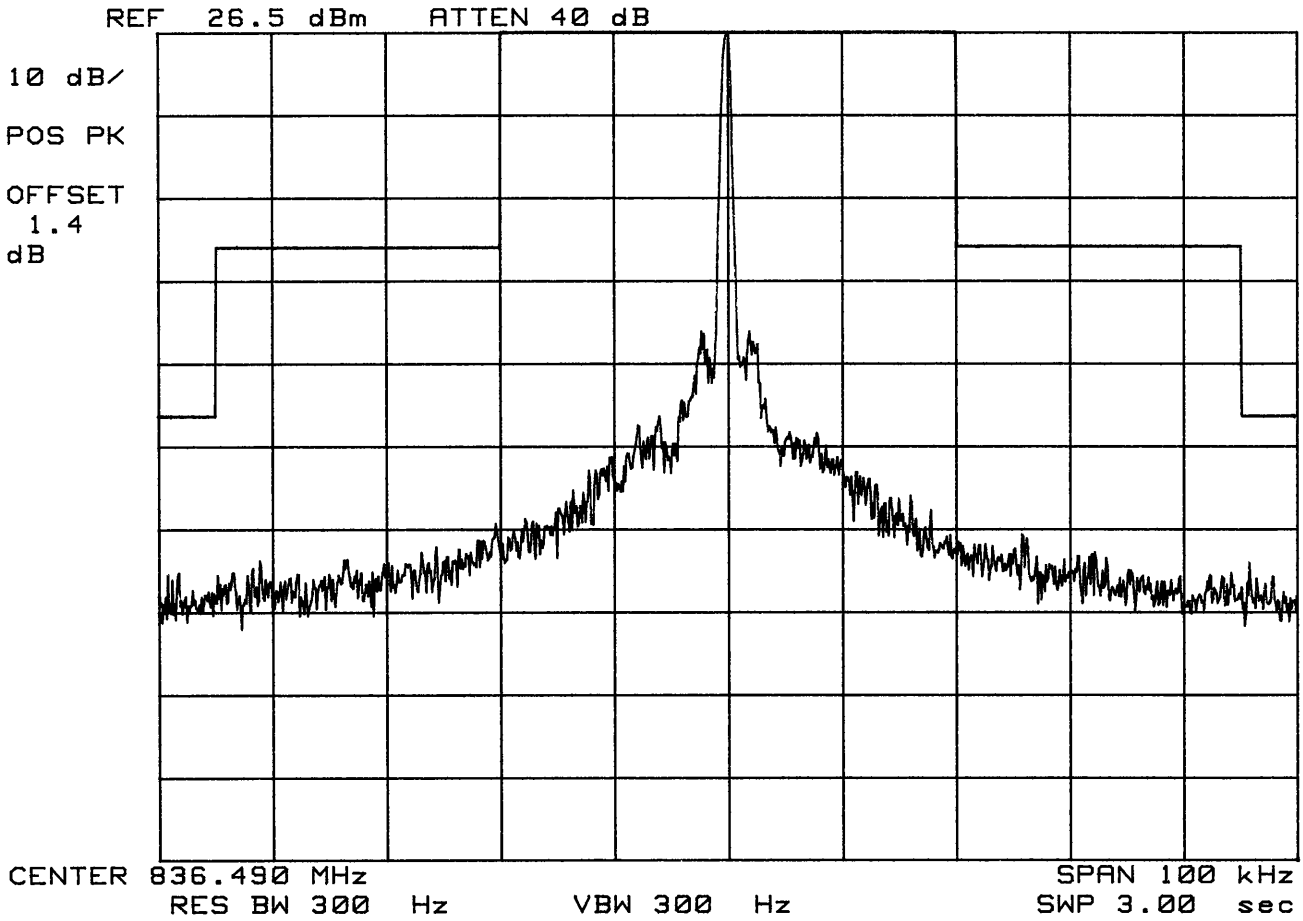
PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSPHI700
SAMSUNG
Tri-Mode Phone
FM Channel 383
Operating Frequency: 836.490 MHz
Output Power : 26.5 dBm

Test Mode:Unmodulated Signal

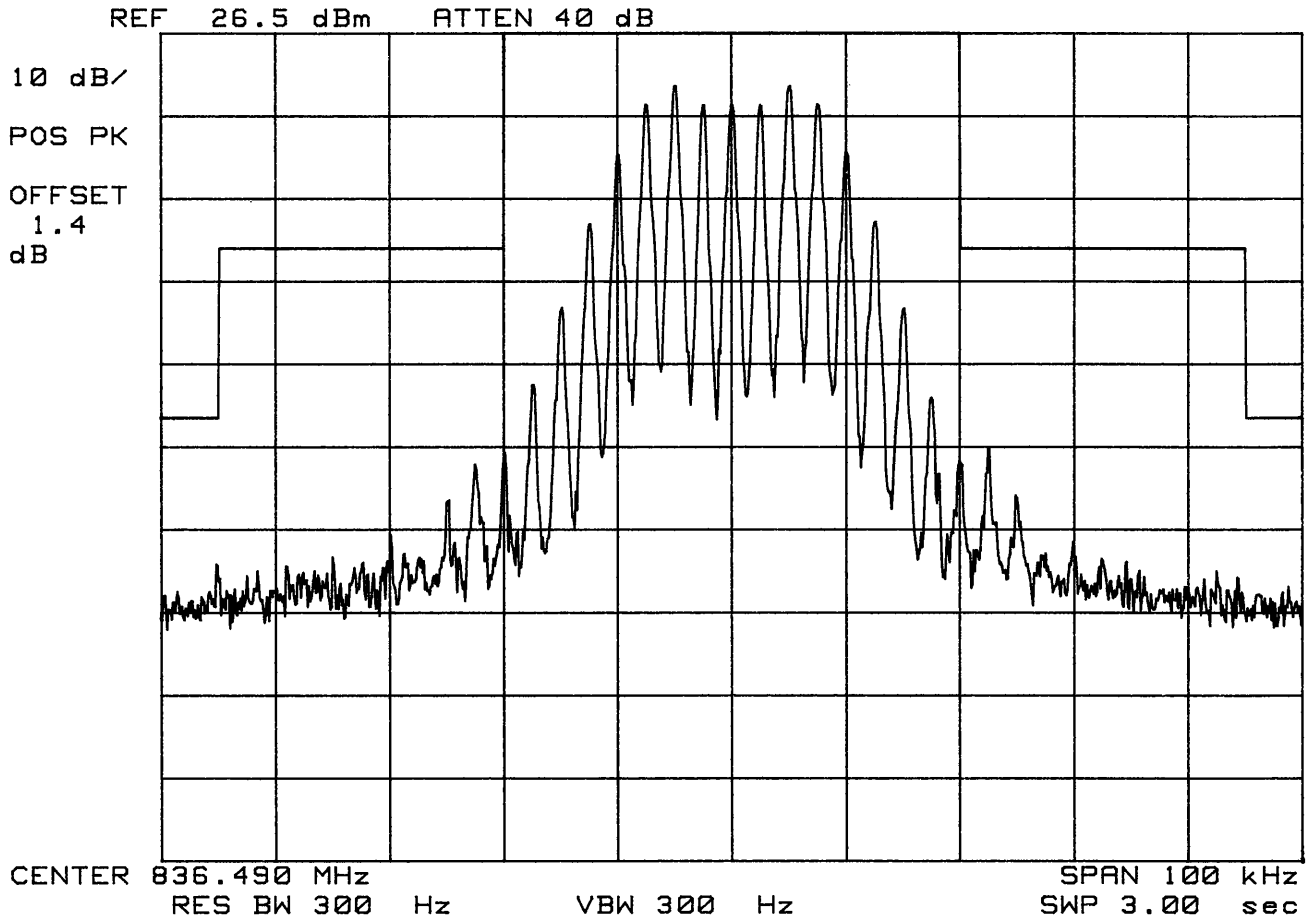


PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSPHI700
SAMSUNG
Tri-Mode Phone
FM Channel 383
Operating Frequency: 836.490 MHz
Output Power : 26.5 dBm

Test Mode:Voice

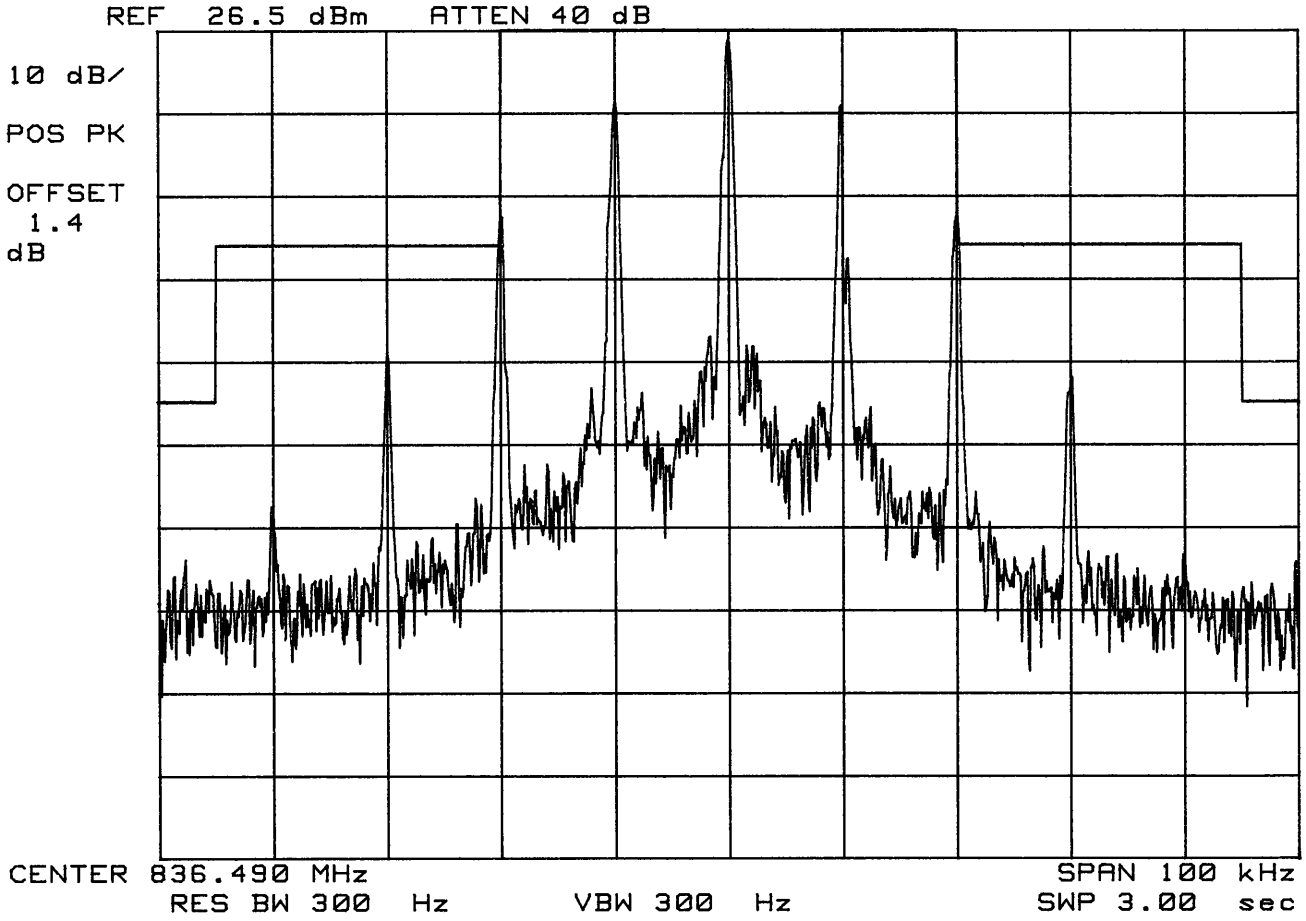


PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSPHI700
SAMSUNG
Tri-Mode Phone
FM Channel 383
Operating Frequency: 836.490 MHz
Output Power : 26.5 dBm

Test Mode:ST

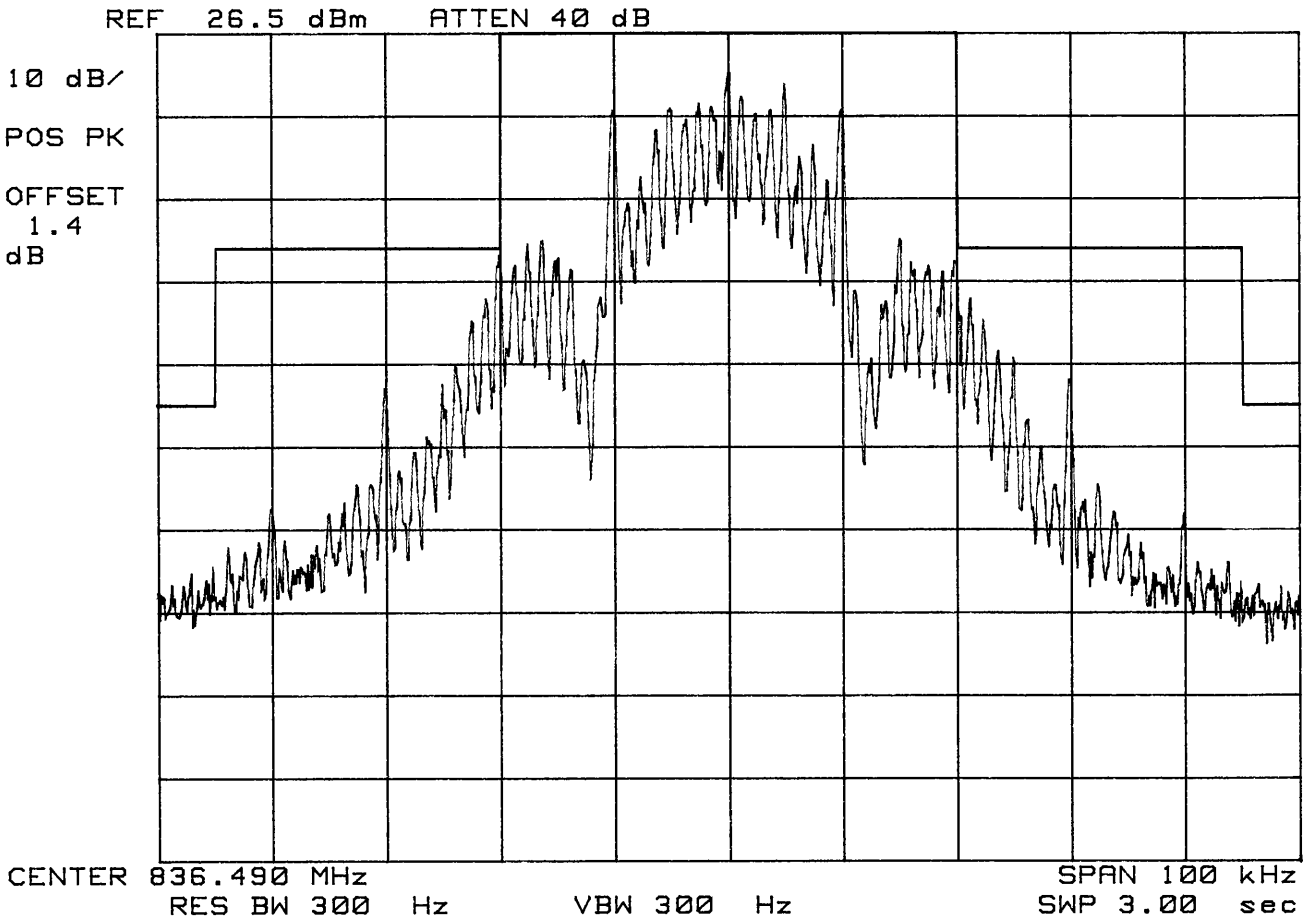


PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSPHI700
SAMSUNG
Tri-Mode Phone
FM Channel 383
Operating Frequency: 836.490 MHz
Output Power : 26.5 dBm

Test Mode:Wide Band Data

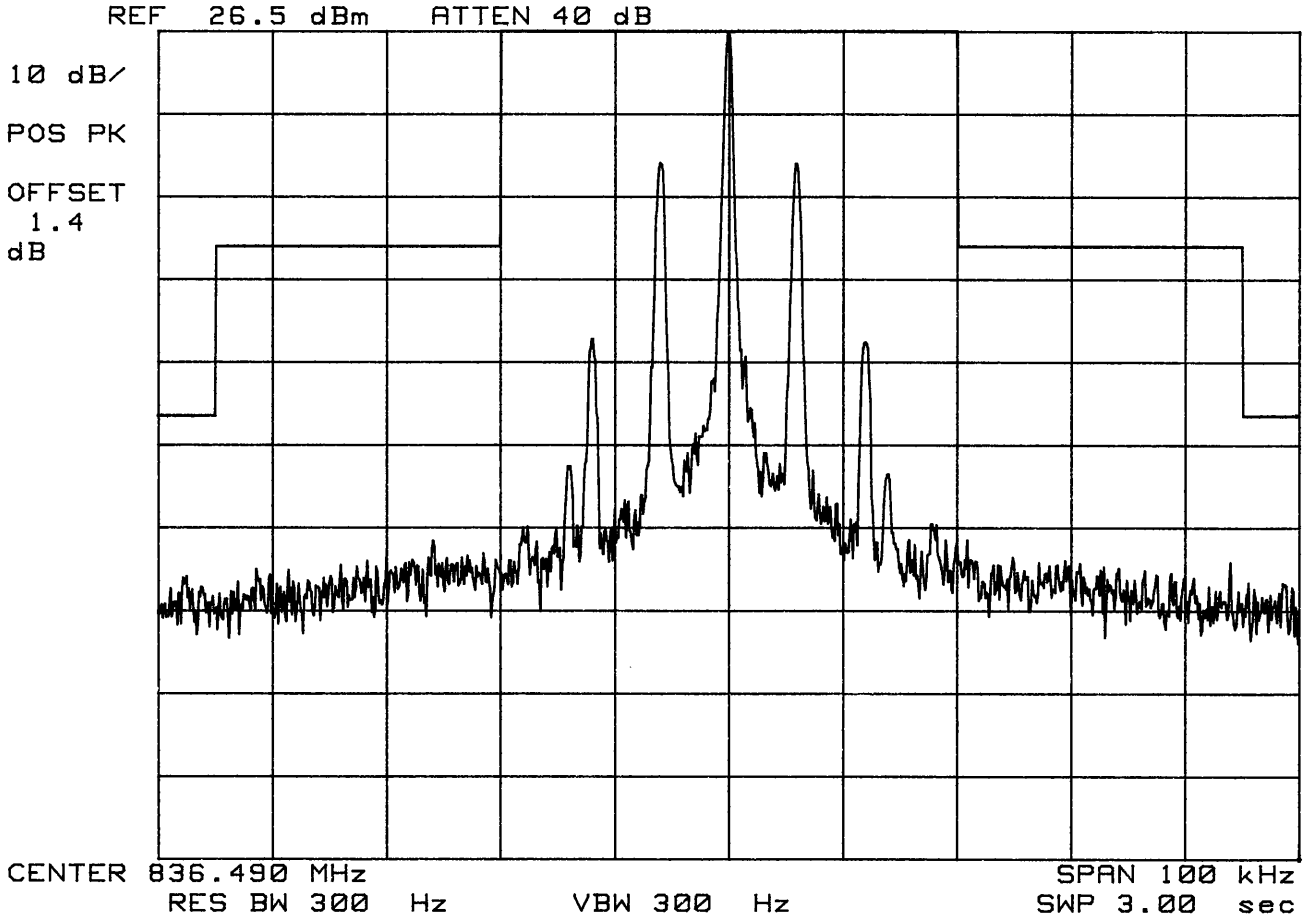


PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSPHI700
SAMSUNG
Tri-Mode Phone
FM Channel 383
Operating Frequency: 836.490 MHz
Output Power : 26.5 dBm

Test Mode:SAT

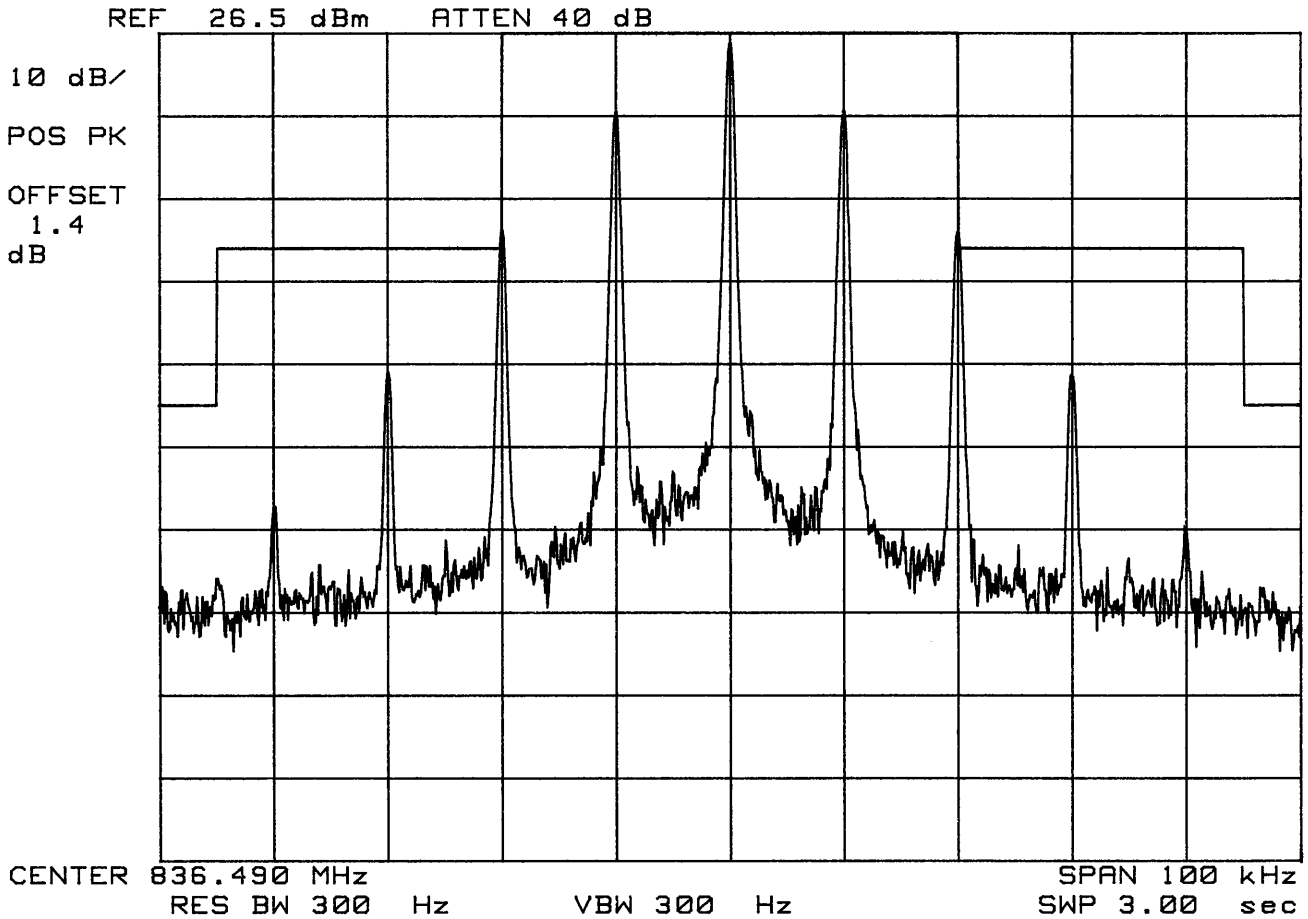


PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSPHI700
SAMSUNG
Tri-Mode Phone
FM Channel 383
Operating Frequency: 836.490 MHz
Output Power : 26.5 dBm

Test Mode:ST

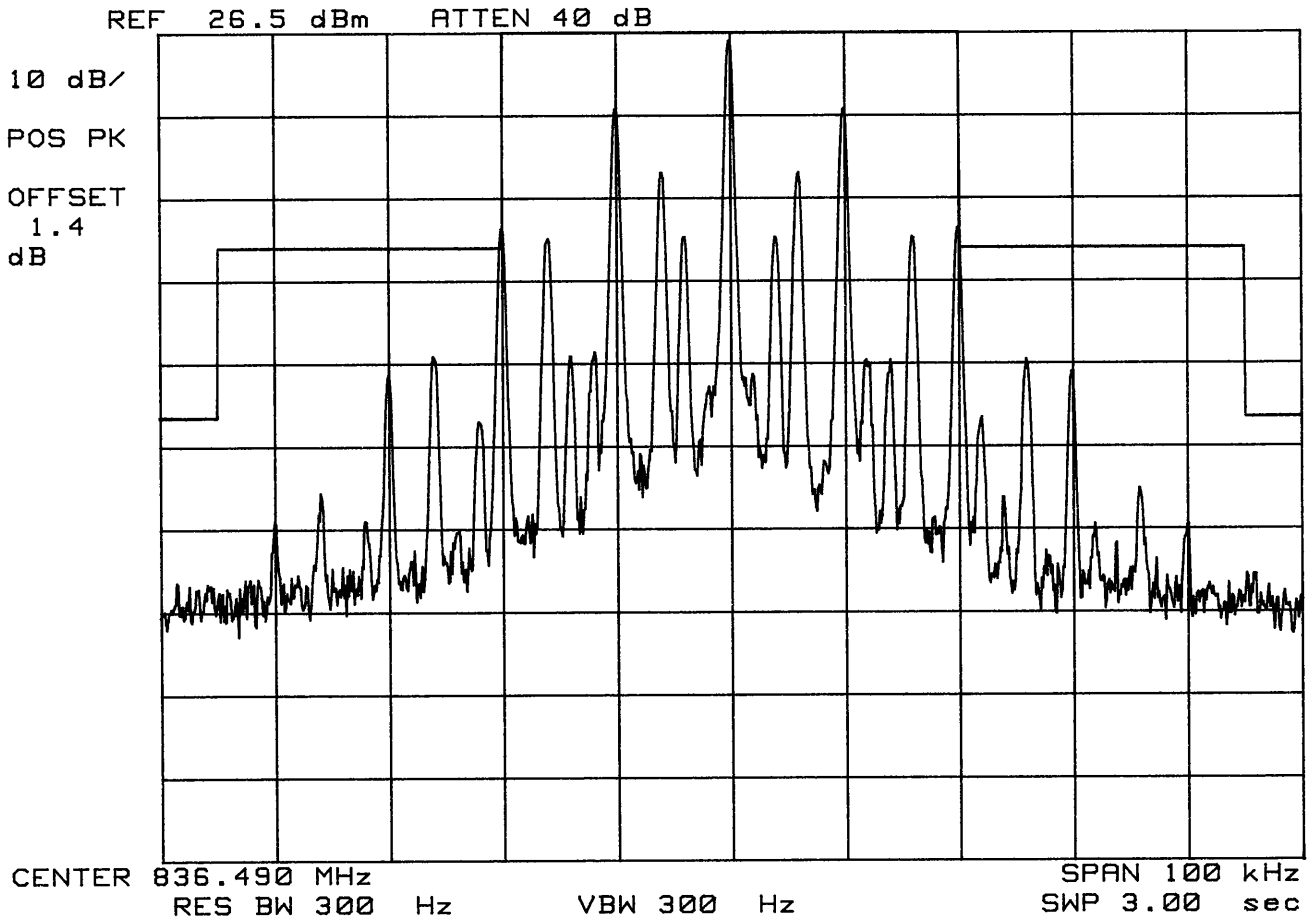


PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSPHI700
SAMSUNG
Tri-Mode Phone
FM Channel 383
Operating Frequency: 836.490 MHz
Output Power : 26.5 dBm

Test Mode:SAT + ST

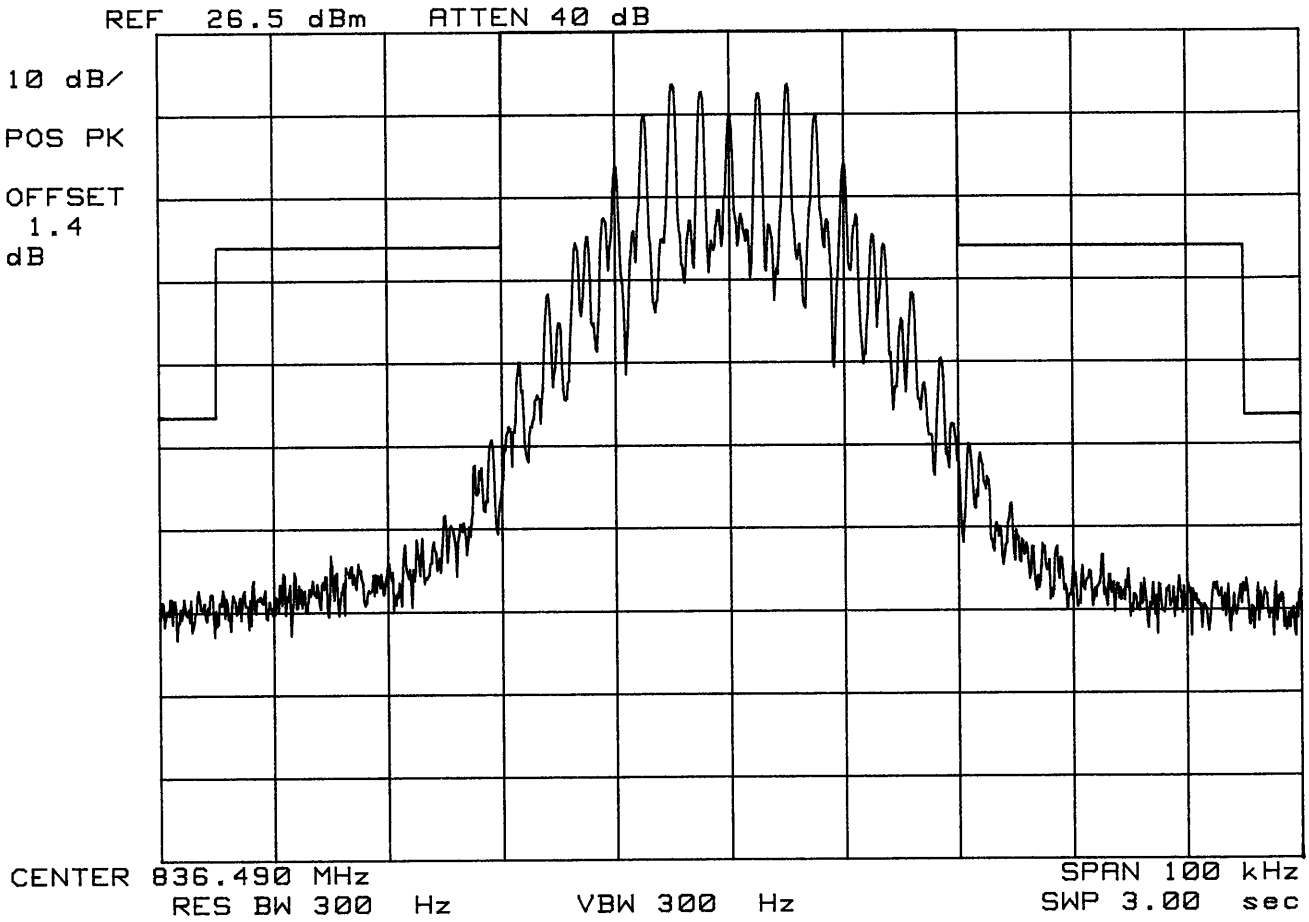


PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSPHI700
SAMSUNG
Tri-Mode Phone
FM Channel 383
Operating Frequency: 836.490 MHz
Output Power : 26.5 dBm

Test Mode:SAT + Voice

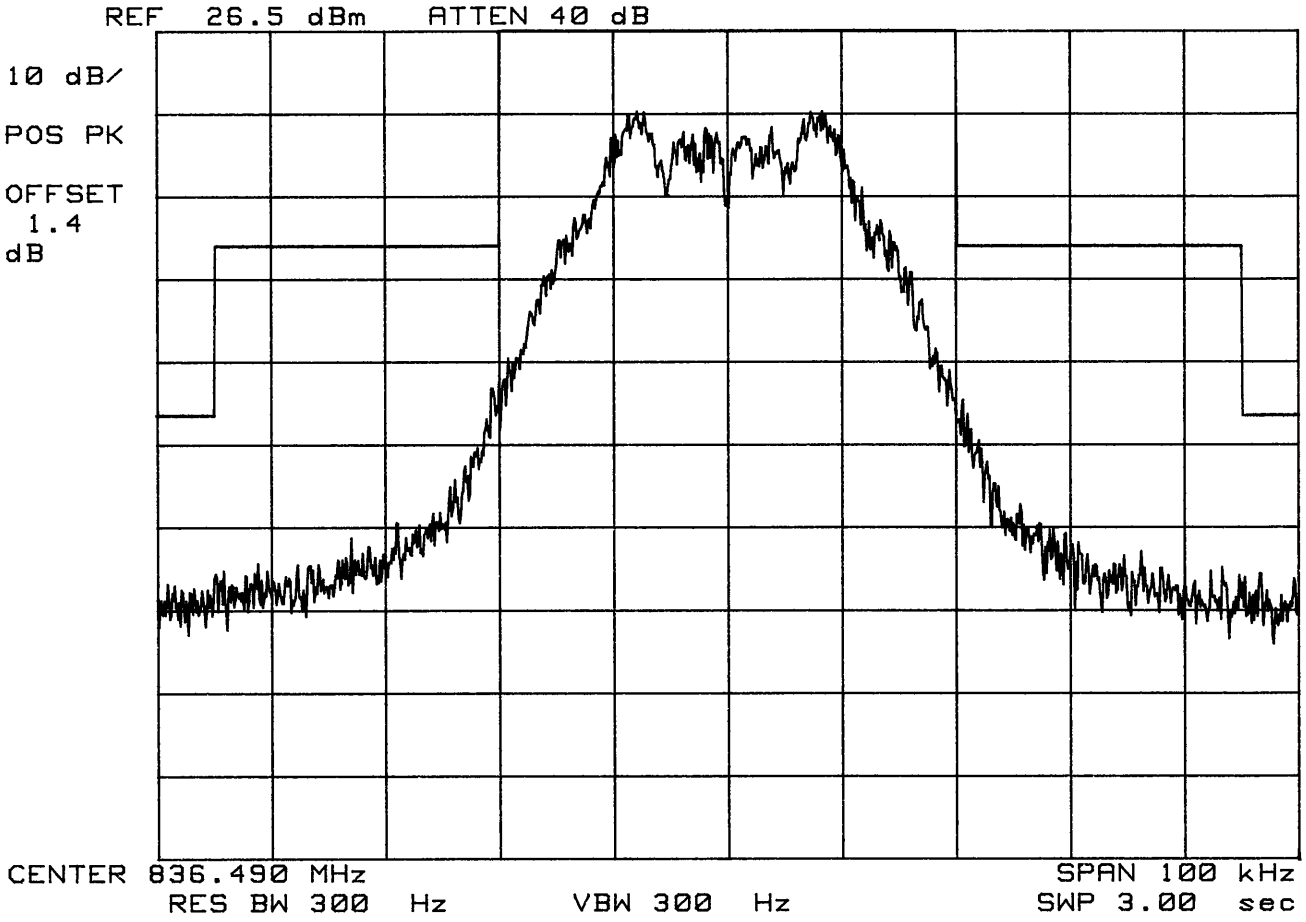


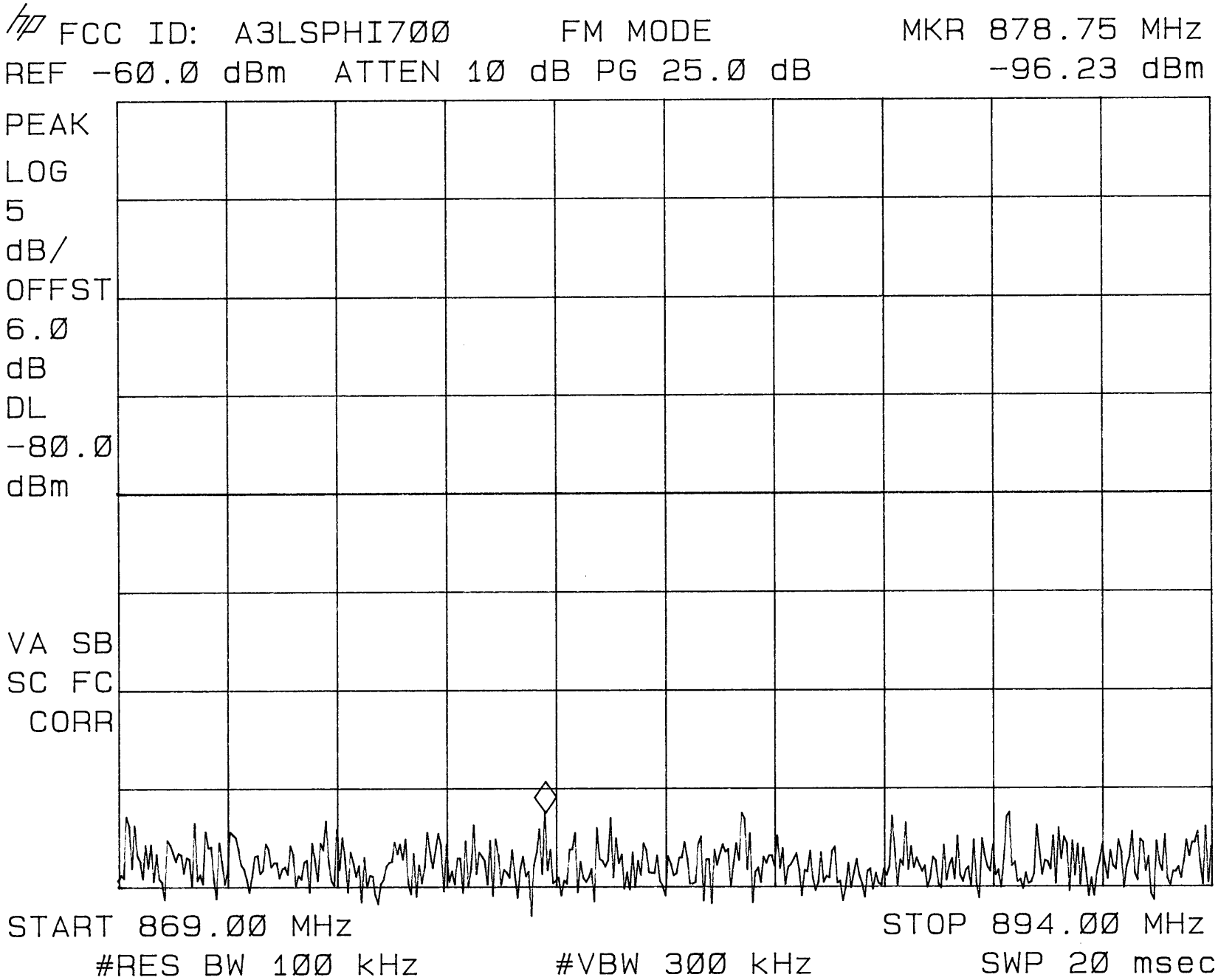
PCTEST Engineering Lab.

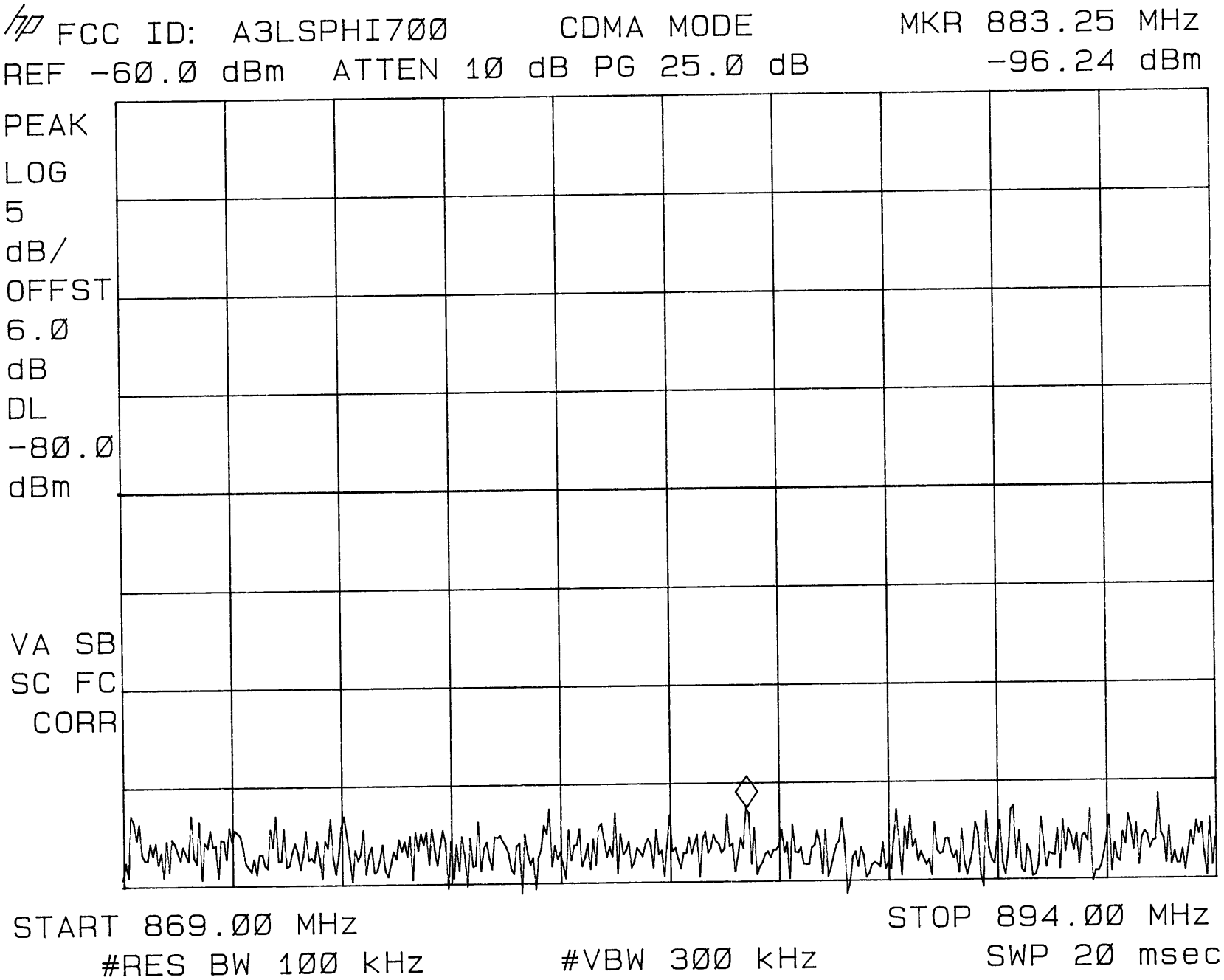
SPECTRUM ANALYZER PRESENTATION

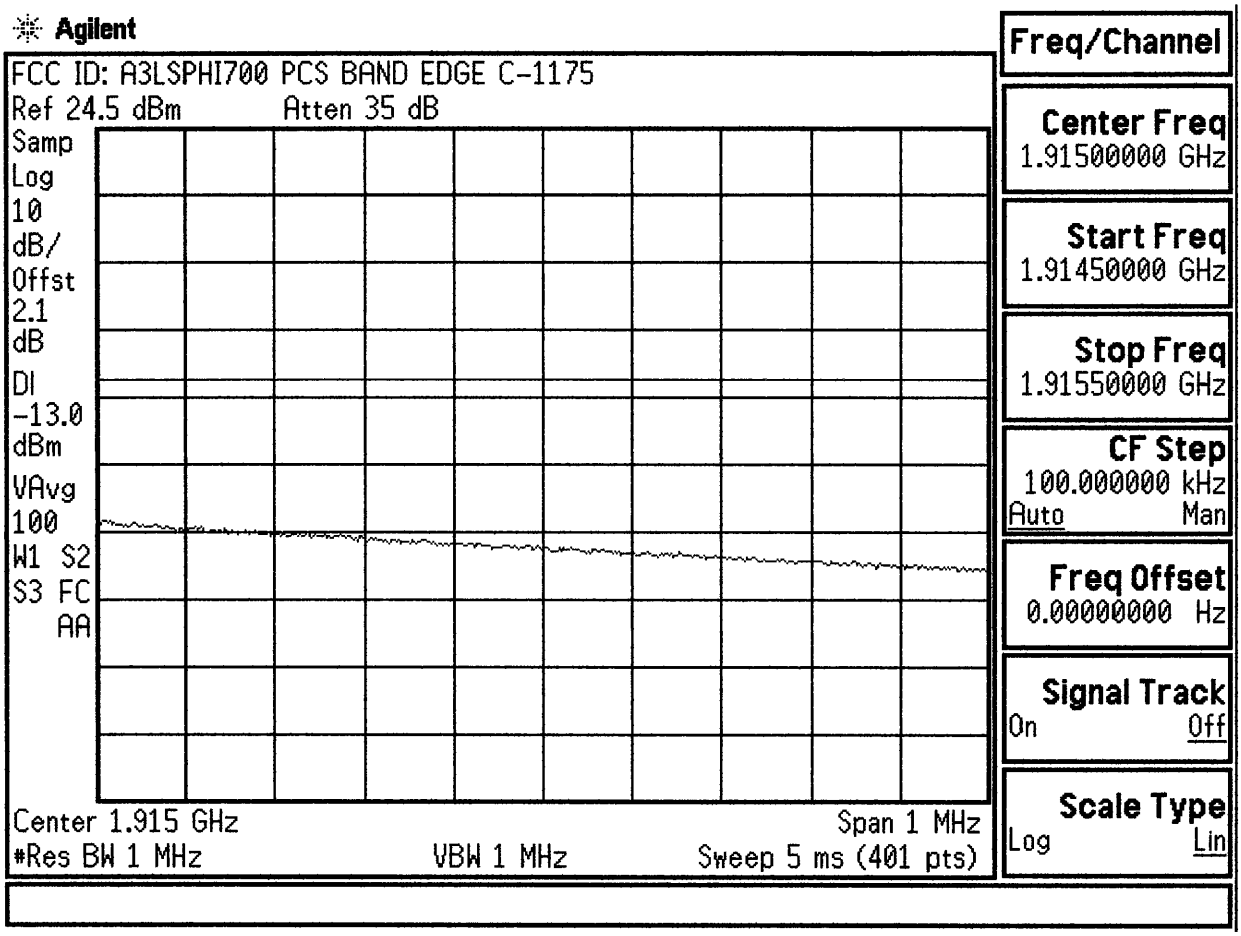
FCC ID:A3LSPHI700
SAMSUNG
Tri-Mode Phone
FM Channel 383
Operating Frequency: 836.490 MHz
Output Power : 26.5 dBm

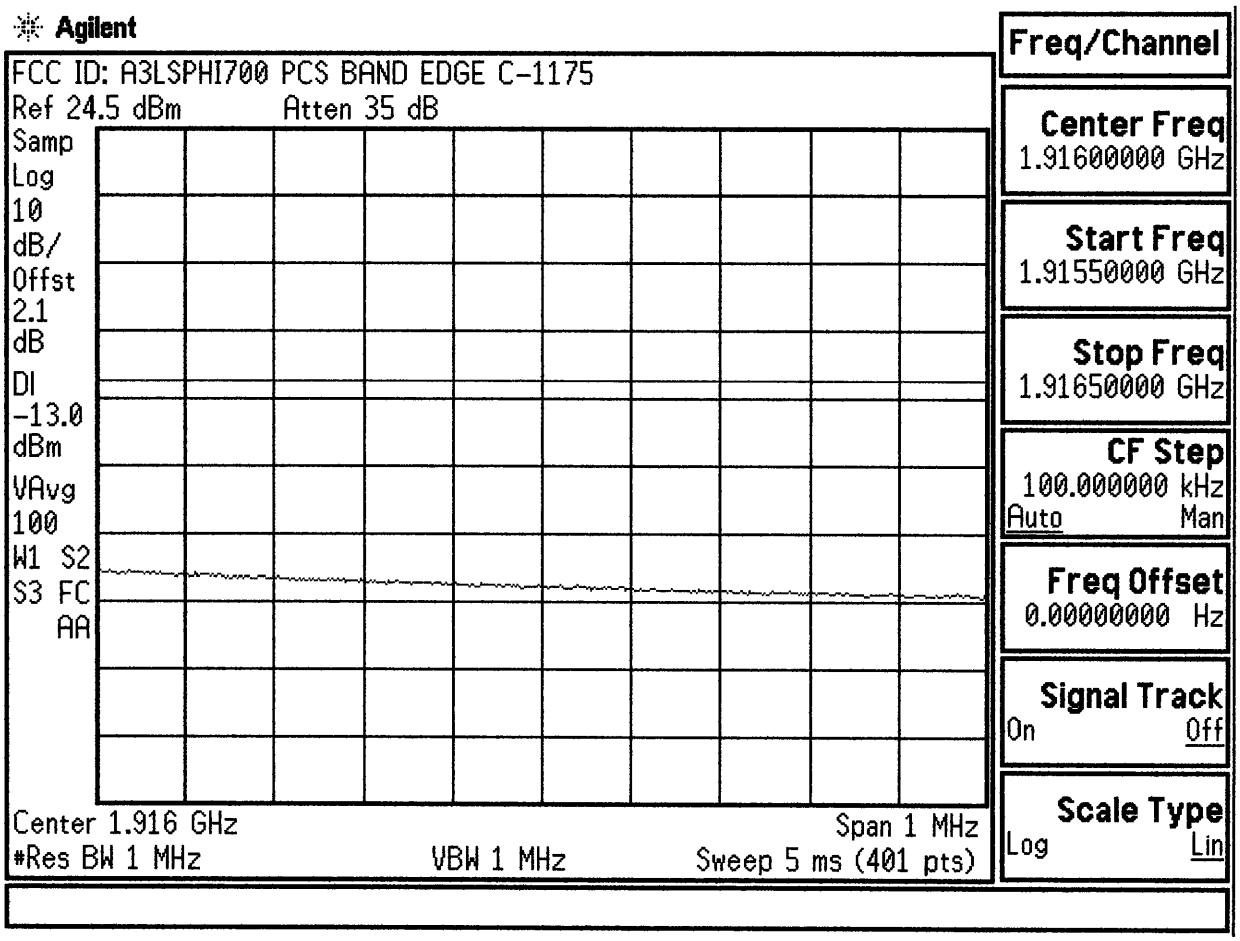
Test Mode:SAT + DTMF

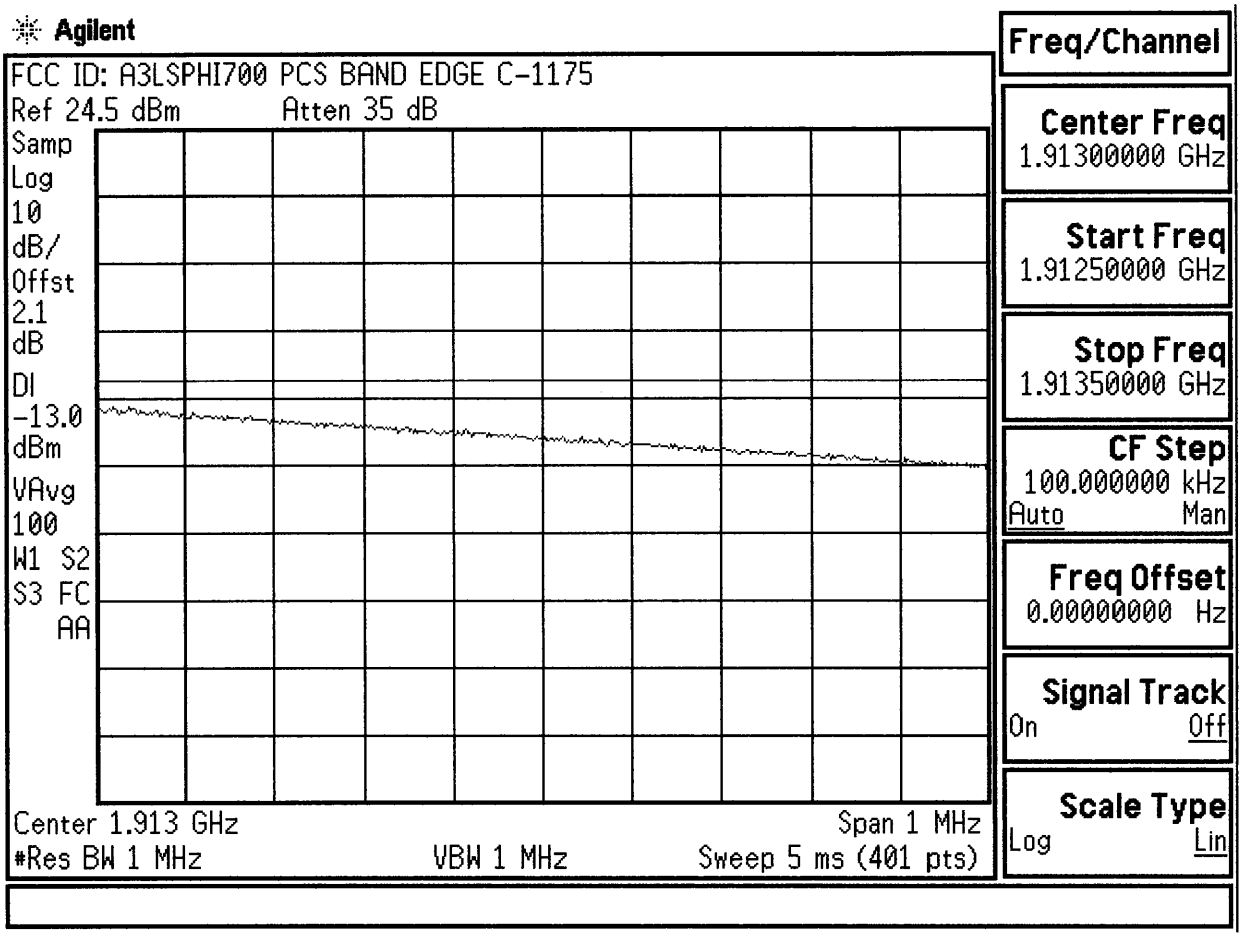


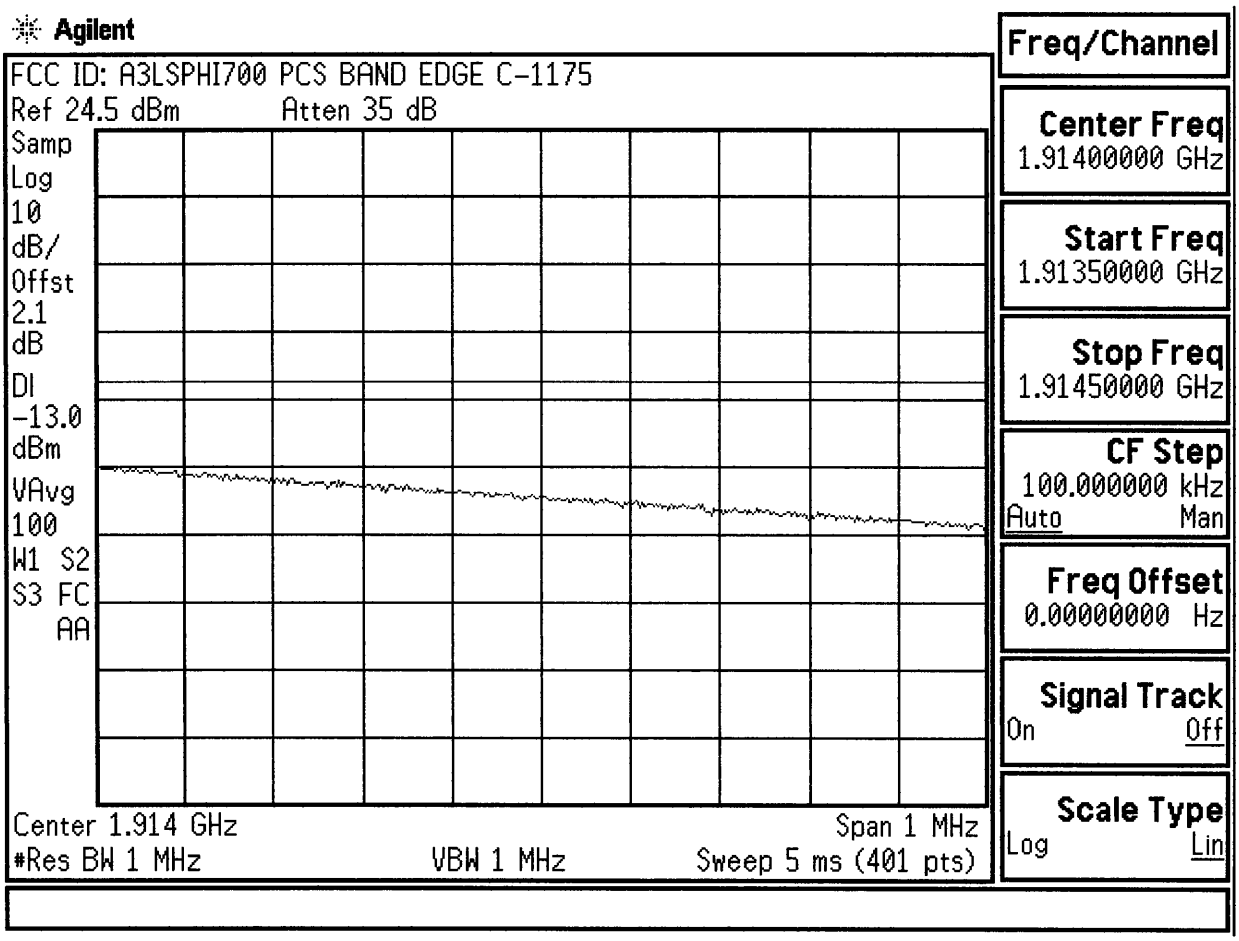

FCC ID: A3LSPHI700
FM MODE
MKR 878.75 MHz
REF -60.0 dBm ATTEN 10 dB PG 25.0 dB
-96.23 dBm
PEAK
LOG
5
dB/
OFFST
6.0
dB
DL
-80.0
dBm
VA SB
SC FC
CORR
START 869.00 MHz
STOP 894.00 MHz
#RES BW 100 kHz
#VBW 300 kHz
SWP 20 msec

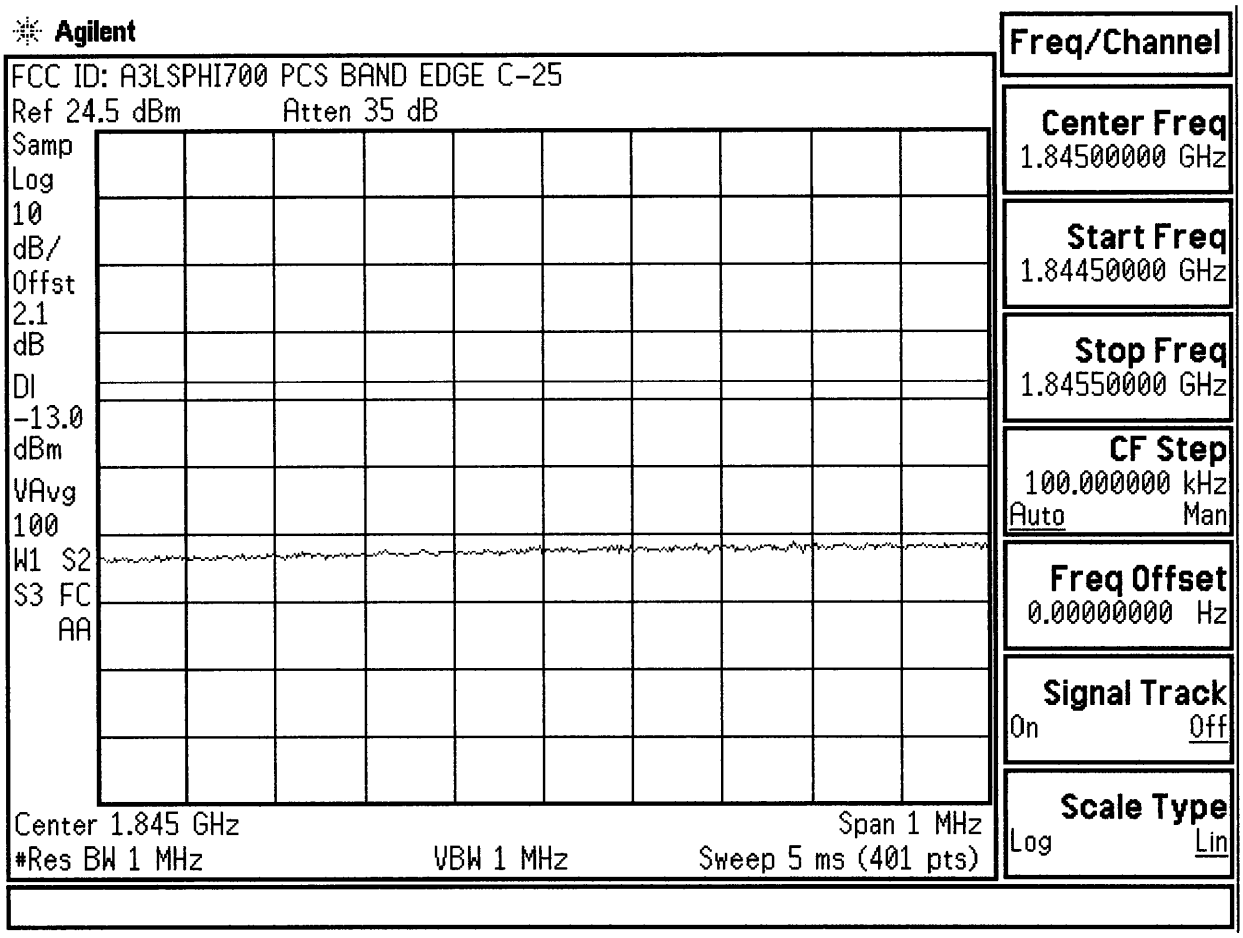

FCC ID: A3LSPHI700
CDMA MODE
MKR 883.25 MHz
REF -60.0 dBm
ATTEN 10 dB PG 25.0 dB
-96.24 dBm
PEAK
LOG
5
dB/
OFFST
6.0
dB
DL
-80.0
dBm
VA SB
SC FC
CORR
START 869.00 MHz
STOP 894.00 MHz
#RES BW 100 kHz
#VBW 300 kHz
SWP 20 msec

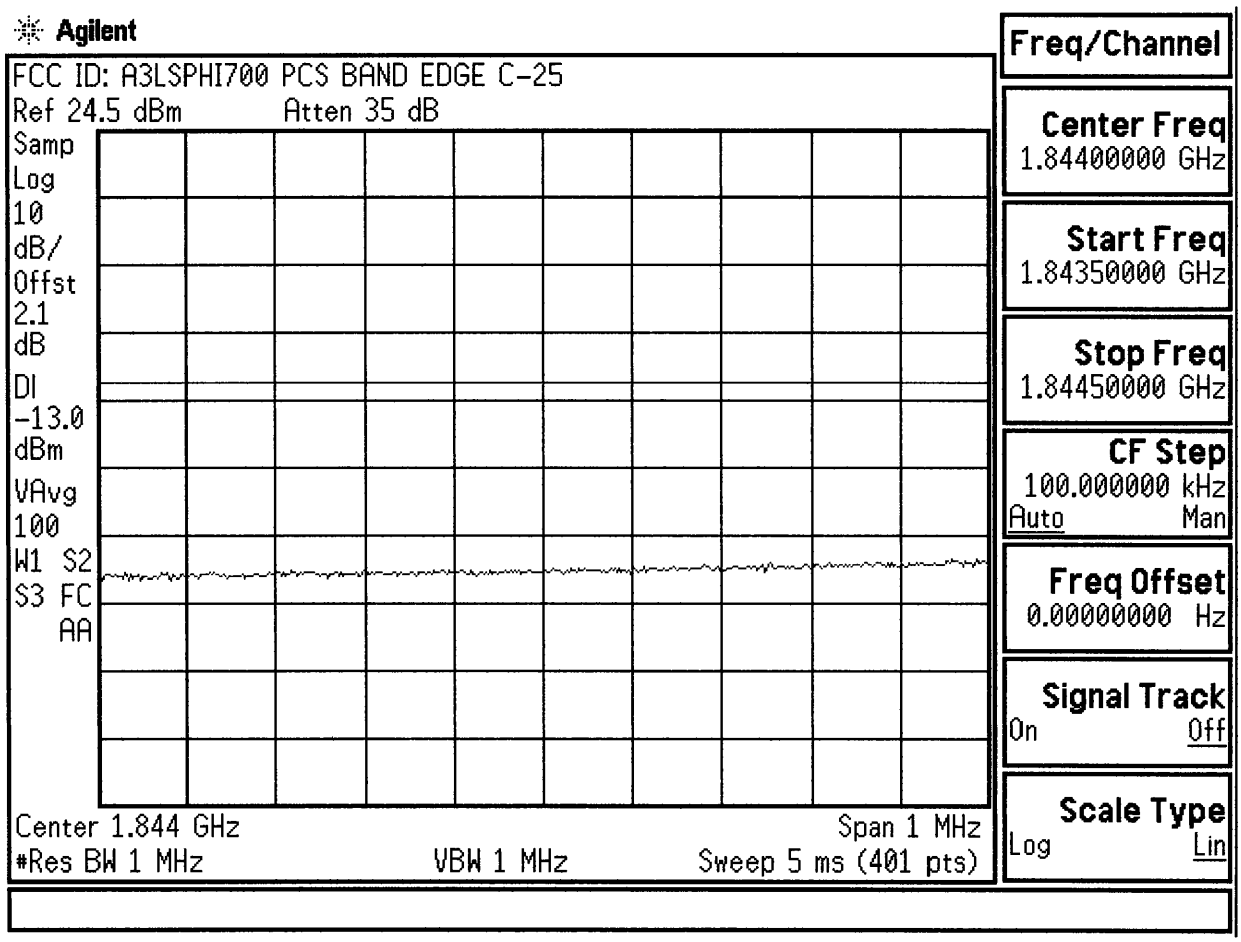

Agilent
FCC ID: A3LSPHI700 PCS BAND EDGE C-1175
Ref 24.5 dBm
Atten 35 dB
Samp
Log
10
dB/
Offst
2.1
dB
Dl
-13.0
dBm
VAvg
100
W1 S2
S3 FC
AA
Center 1.915 GHz
Span 1 MHz
#Res BW 1 MHz
VBW 1 MHz
Sweep 5 ms (401 pts)
Freq/Channel
Center Freq
1.91500000 GHz
Start Freq
1.91450000 GHz
Stop Freq
1.91550000 GHz
CF Step
100.000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Scale Type
Log
Lin

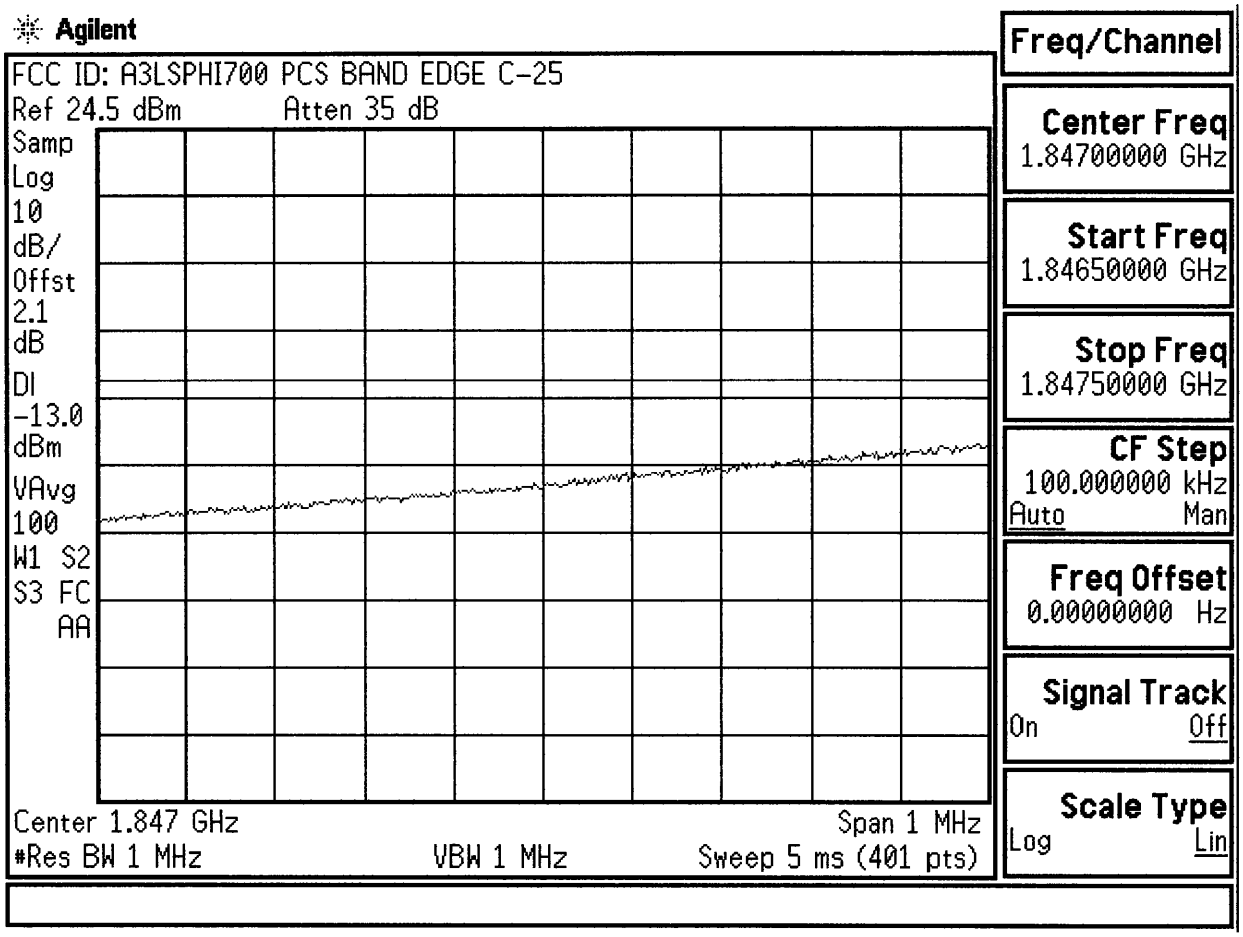

Agilent
FCC ID: A3LSPHI700 PCS BAND EDGE C-1175
Ref 24.5 dBm
Atten 35 dB
Samp
Log
10
dB/
Offst
2.1
dB
Dl
-13.0
dBm
VAvg
100
W1 S2
S3 FC
AA
Center 1.916 GHz
Span 1 MHz
#Res BW 1 MHz
VBW 1 MHz
Sweep 5 ms (401 pts)
Freq/Channel
Center Freq
1.91600000 GHz
Start Freq
1.91550000 GHz
Stop Freq
1.91650000 GHz
CF Step
100.000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Scale Type
Log
Lin

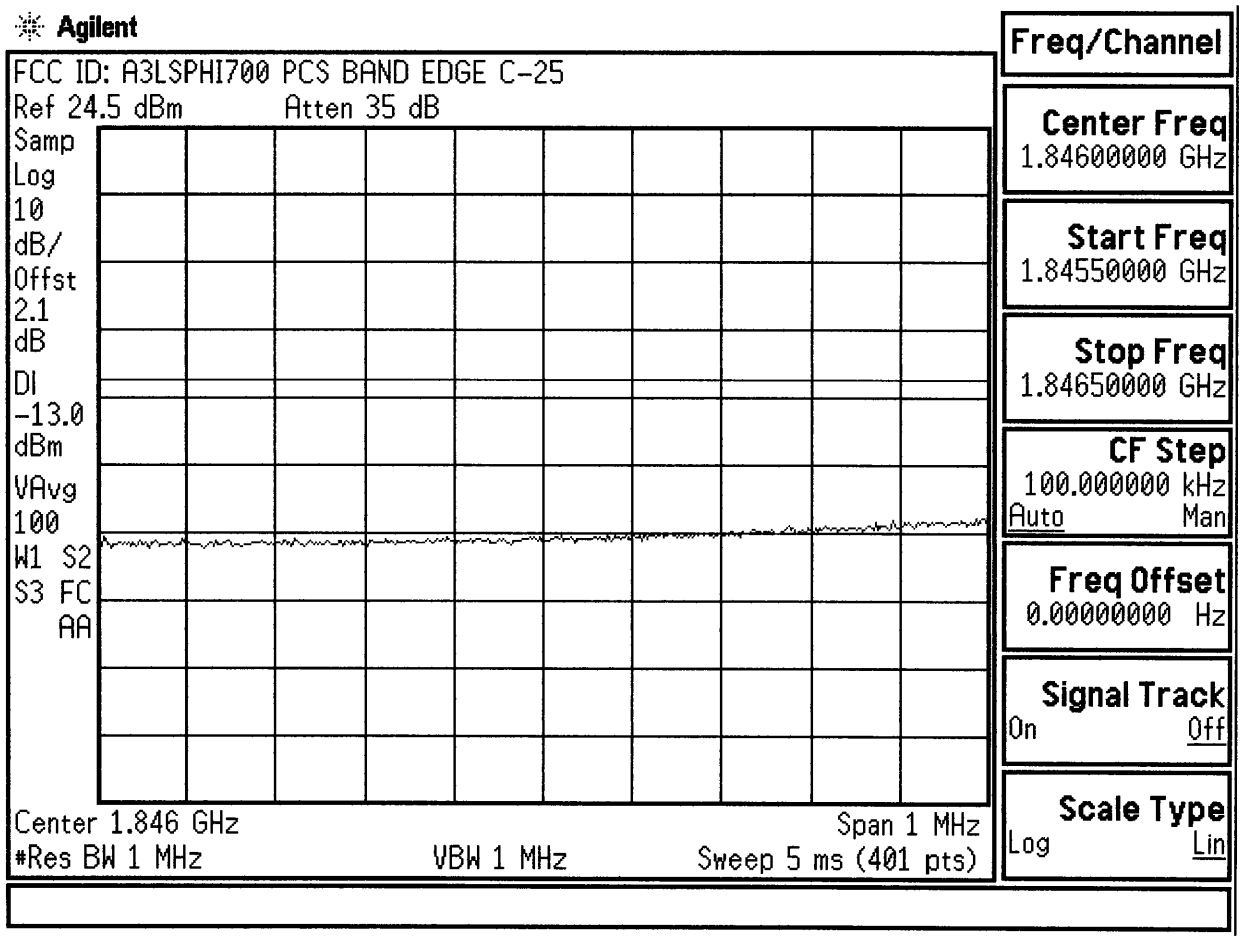

Agilent
FCC ID: A3LSPHI700 PCS BAND EDGE C-1175
Ref 24.5 dBm
Atten 35 dB
Samp
Log
10
dB/
Offst
2.1
dB
Dl
-13.0
dBm
VAvg
100
W1 S2
S3 FC
AA
Center 1.913 GHz
Span 1 MHz
#Res BW 1 MHz
VBW 1 MHz
Sweep 5 ms (401 pts)
Freq/Channel
Center Freq
1.91300000 GHz
Start Freq
1.91250000 GHz
Stop Freq
1.91350000 GHz
CF Step
100.000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Scale Type
Log
Lin

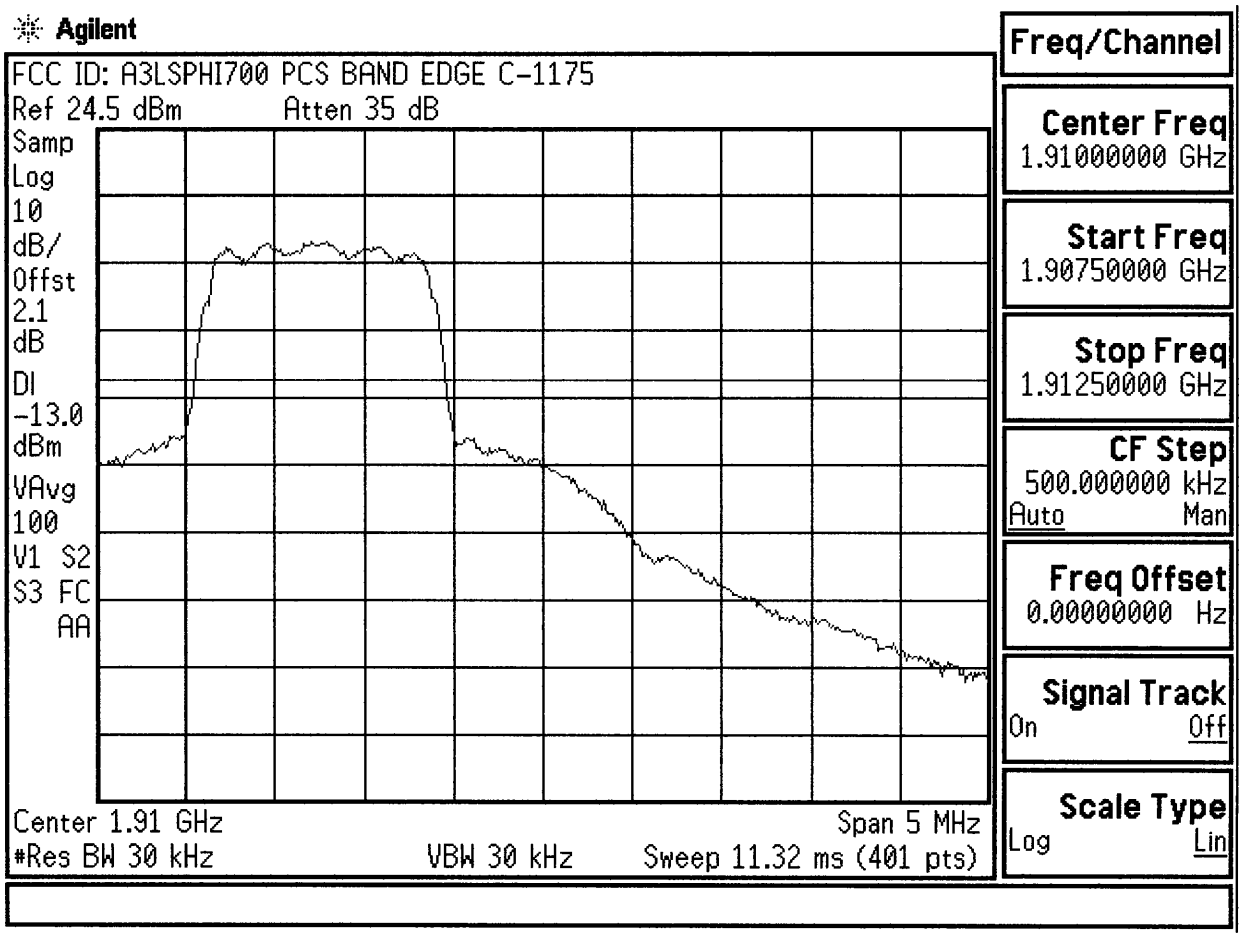

Agilent
FCC ID: A3LSPHI700 PCS BAND EDGE C-1175
Ref 24.5 dBm
Atten 35 dB
Samp
Log
10
dB/
Offst
2.1
dB
Dl
-13.0
dBm
VAvg
100
W1 S2
S3 FC
AA
Center 1.914 GHz
Span 1 MHz
#Res BW 1 MHz
VBW 1 MHz
Sweep 5 ms (401 pts)
Freq/Channel
Center Freq
1.91400000 GHz
Start Freq
1.91350000 GHz
Stop Freq
1.91450000 GHz
CF Step
100.000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Scale Type
Log
Lin

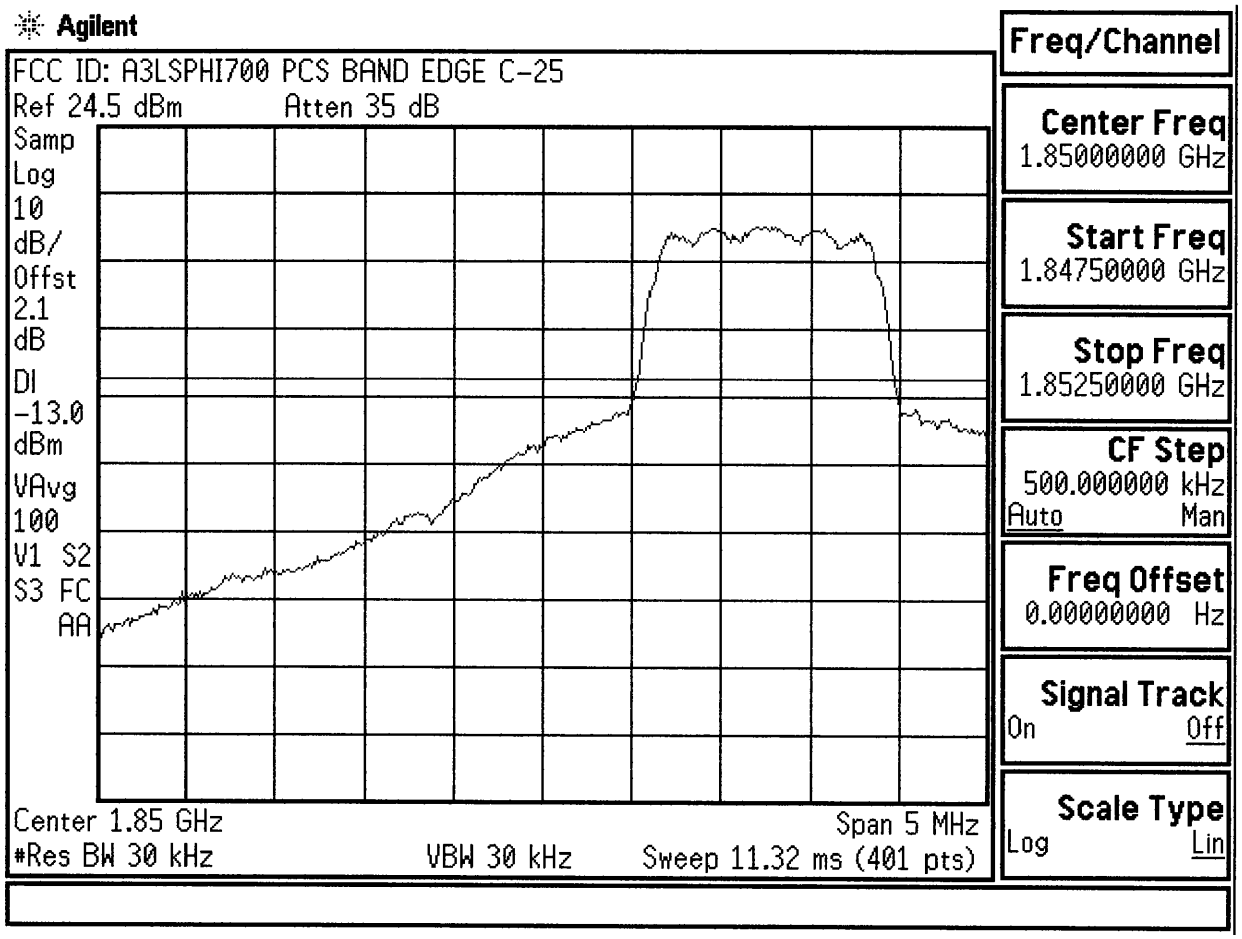

Agilent
FCC ID: A3LSPHI700 PCS BAND EDGE C-25
Ref 24.5 dBm
Atten 35 dB
Samp
Log
10
dB/
Offst
2.1
dB
Dl
-13.0
dBm
VAvg
100
W1 S2
S3 FC
AA
Center 1.845 GHz
Span 1 MHz
#Res BW 1 MHz
VBW 1 MHz
Sweep 5 ms (401 pts)
Freq/Channel
Center Freq
1.84500000 GHz
Start Freq
1.84450000 GHz
Stop Freq
1.84550000 GHz
CF Step
100.000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Scale Type
Log
Lin

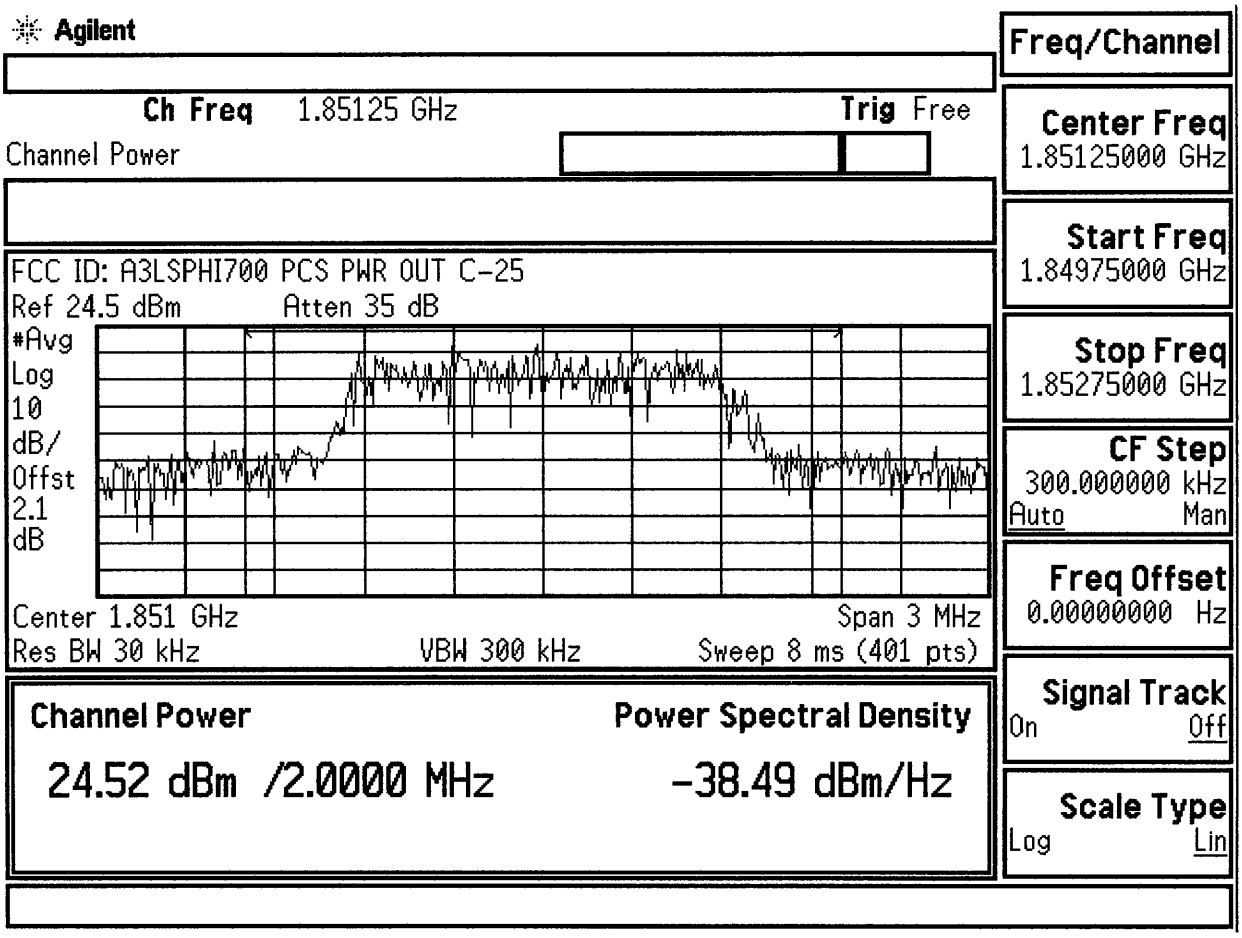

Agilent
FCC ID: A3LSPHI700 PCS BAND EDGE C-25
Ref 24.5 dBm
Atten 35 dB
Samp
Log
10
dB/
Offst
2.1
dB
Dl
-13.0
dBm
VAvg
100
W1 S2
S3 FC
AA
Center 1.844 GHz
Span 1 MHz
#Res BW 1 MHz
VBW 1 MHz
Sweep 5 ms (401 pts)
Freq/Channel
Center Freq
1.84400000 GHz
Start Freq
1.84350000 GHz
Stop Freq
1.84450000 GHz
CF Step
100.000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Scale Type
Log
Lin

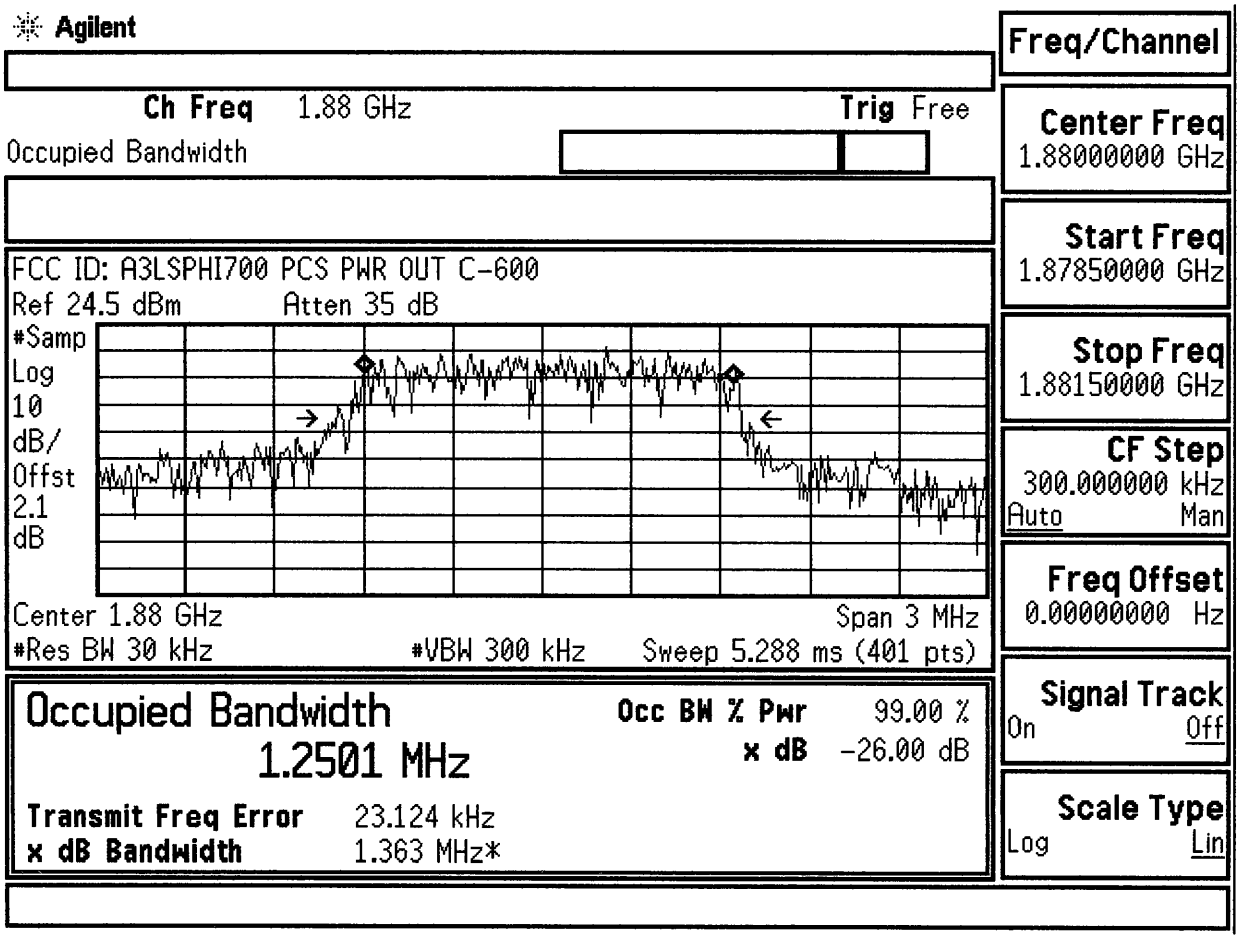

Agilent
FCC ID: A3LSPHI700 PCS BAND EDGE C-25
Ref 24.5 dBm
Atten 35 dB
Samp
Log
10
dB/
Offst
2.1
dB
DI
-13.0
dBm
VAvg
100
W1 S2
S3 FC
AA
Center 1.847 GHz
Span 1 MHz
#Res BW 1 MHz
VBW 1 MHz
Sweep 5 ms (401 pts)
Freq/Channel
Center Freq
1.84700000 GHz
Start Freq
1.84650000 GHz
Stop Freq
1.84750000 GHz
CF Step
100.000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Scale Type
Log
Lin

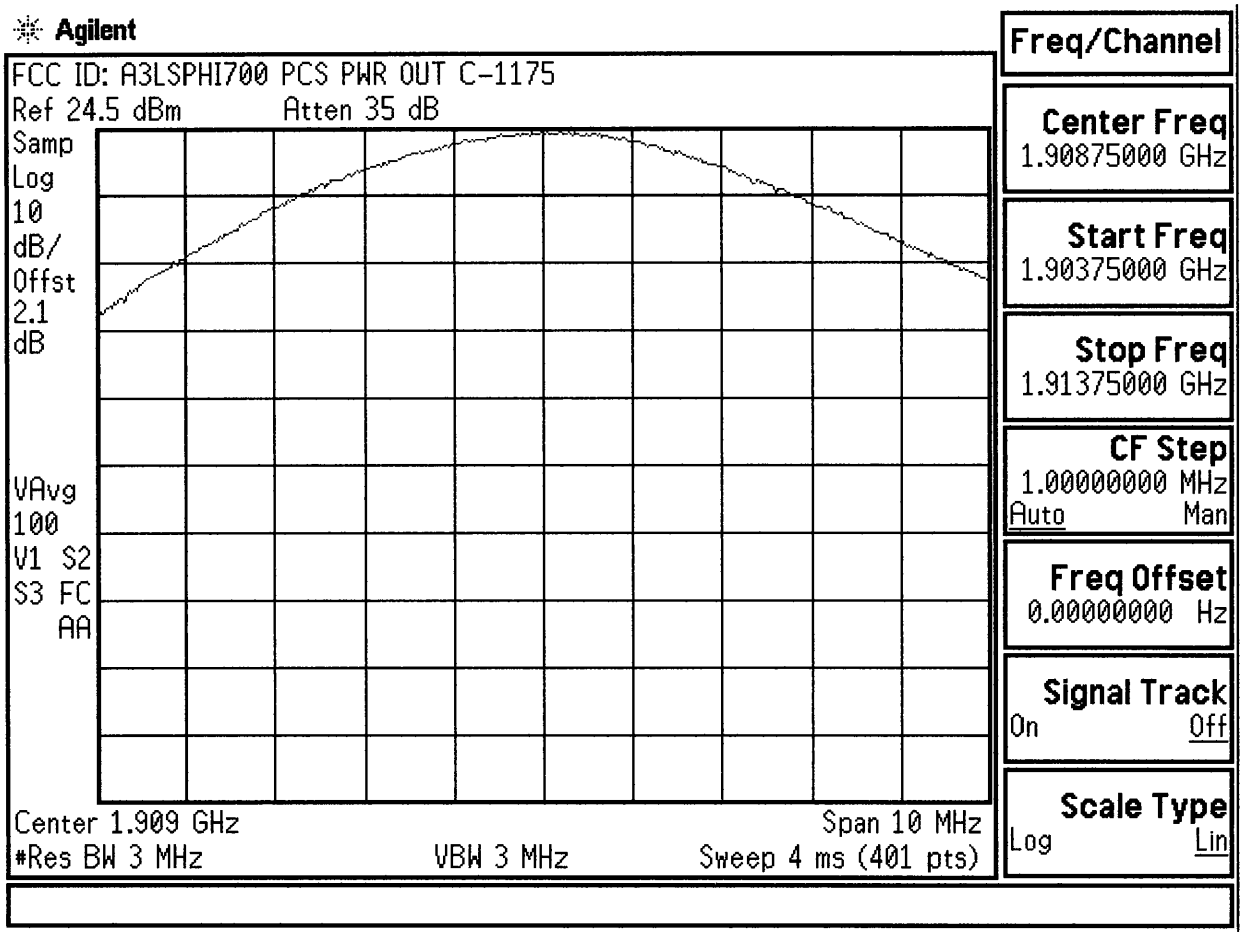

Agilent
FCC ID: A3LSPHI700 PCS BAND EDGE C-25
Ref 24.5 dBm
Atten 35 dB
Samp
Log
10
dB/
Offst
2.1
dB
DI
-13.0
dBm
VAvg
100
W1 S2
S3 FC
AA
Center 1.846 GHz
Span 1 MHz
#Res BW 1 MHz
VBW 1 MHz
Sweep 5 ms (401 pts)
Freq/Channel
Center Freq
1.84600000 GHz
Start Freq
1.84550000 GHz
Stop Freq
1.84650000 GHz
CF Step
100.000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Scale Type
Log
Lin

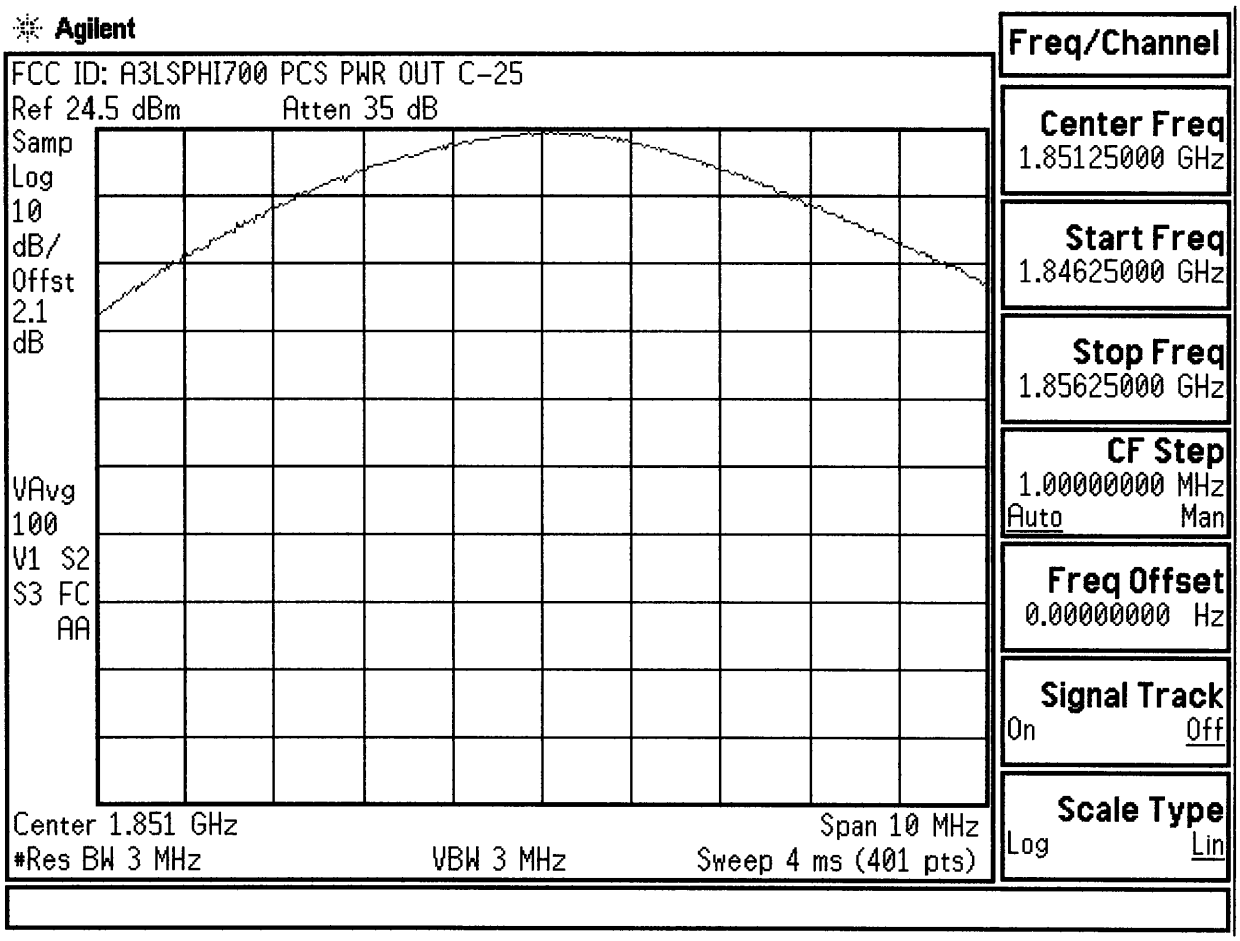

Agilent
FCC ID: A3LSPHI700 PCS BAND EDGE C-1175
Ref 24.5 dBm
Atten 35 dB
Samp
Log
10
dB/
Offst
2.1
dB
Dl
-13.0
dBm
VAvg
100
V1 S2
S3 FC
AA
Center 1.91 GHz
Span 5 MHz
#Res BW 30 kHz
VBW 30 kHz
Sweep 11.32 ms (401 pts)
Freq/Channel
Center Freq
1.91000000 GHz
Start Freq
1.90750000 GHz
Stop Freq
1.91250000 GHz
CF Step
500.000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Scale Type
Log
Lin

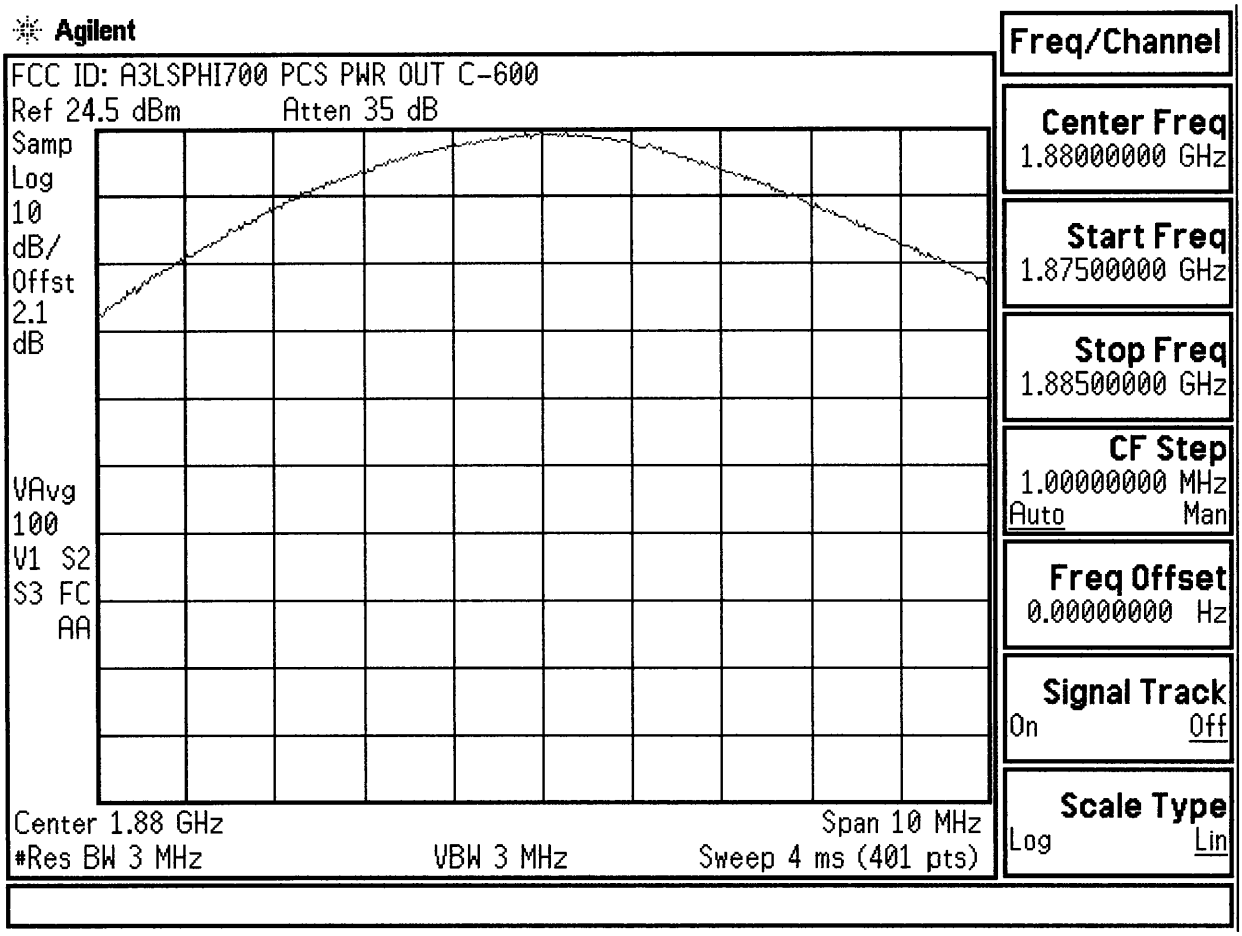

Agilent
FCC ID: A3LSPHI700 PCS BAND EDGE C-25
Ref 24.5 dBm
Atten 35 dB
Samp
Log
10
dB/
Offst
2.1
dB
Dl
-13.0
dBm
VAvg
100
V1 S2
S3 FC
AA
Center 1.85 GHz
Span 5 MHz
#Res BW 30 kHz
VBW 30 kHz
Sweep 11.32 ms (401 pts)
Freq/Channel
Center Freq
1.85000000 GHz
Start Freq
1.84750000 GHz
Stop Freq
1.85250000 GHz
CF Step
500.000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Scale Type
Log
Lin

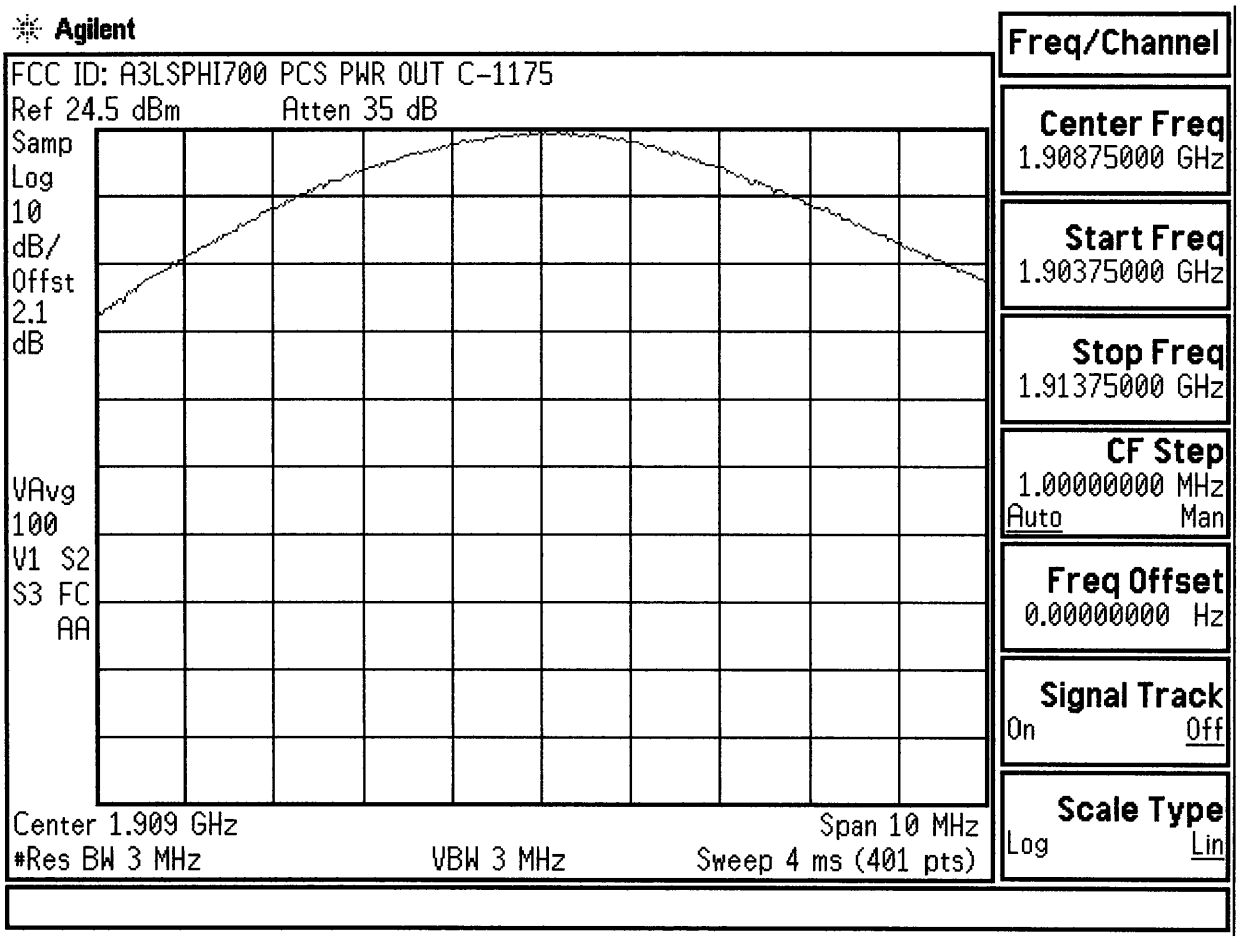

Agilent
Ch Freq 1.85125 GHz
Trig Free
Channel Power
FCC ID: A3LSPHI700 PCS PWR OUT C-25
Ref 24.5 dBm
Atten 35 dB
#Avg
Log
10
dB/
Offst
2.1
dB
Center 1.851 GHz
Span 3 MHz
Res BW 30 kHz
VBW 300 kHz
Sweep 8 ms (401 pts)
Channel Power
24.52 dBm /2.0000 MHz
Power Spectral Density
-38.49 dBm/Hz
Freq/Channel
Center Freq
1.85125000 GHz
Start Freq
1.84975000 GHz
Stop Freq
1.85275000 GHz
CF Step
300.000000 kHz
Auto
Man
Freq Offset
0.000000000 Hz
Signal Track
On
Off
Scale Type
Log
Lin

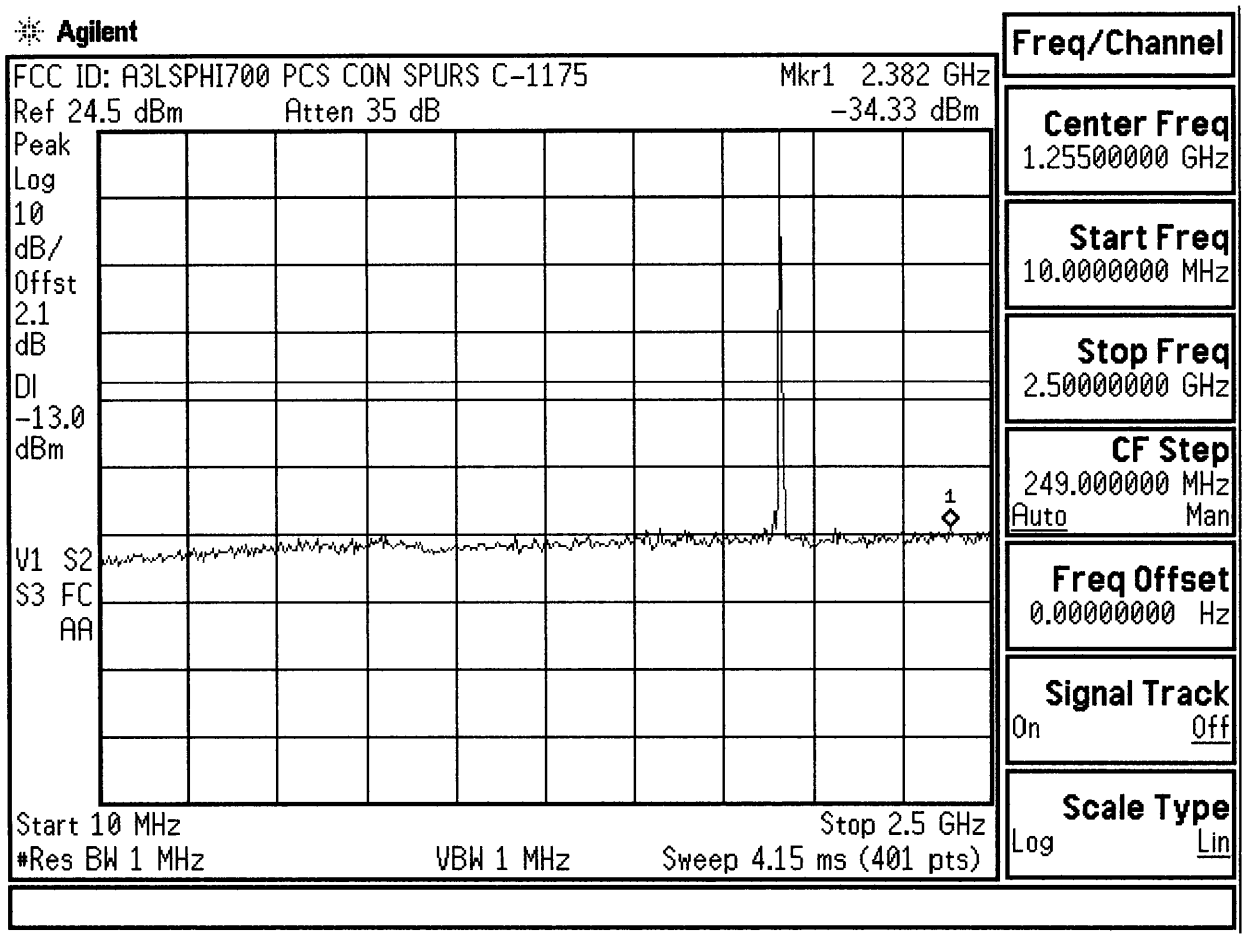

Agilent
Ch Freq 1.88 GHz
Trig Free
Occupied Bandwidth
FCC ID: A3LSPHI700 PCS PWR OUT C-600
Ref 24.5 dBm
Atten 35 dB
#Samp
Log
10
dB/
Offst
2.1
dB
Center 1.88 GHz
Span 3 MHz
#Res BW 30 kHz
#VBW 300 kHz
Sweep 5.288 ms (401 pts)
Occupied Bandwidth
1.2501 MHz
Occ BW % Pwr 99.00 %
x dB -26.00 dB
Transmit Freq Error 23.124 kHz
x dB Bandwidth 1.363 MHz*
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
0.000000000 Hz
Signal Track
On
Off
Scale Type
Log
Lin

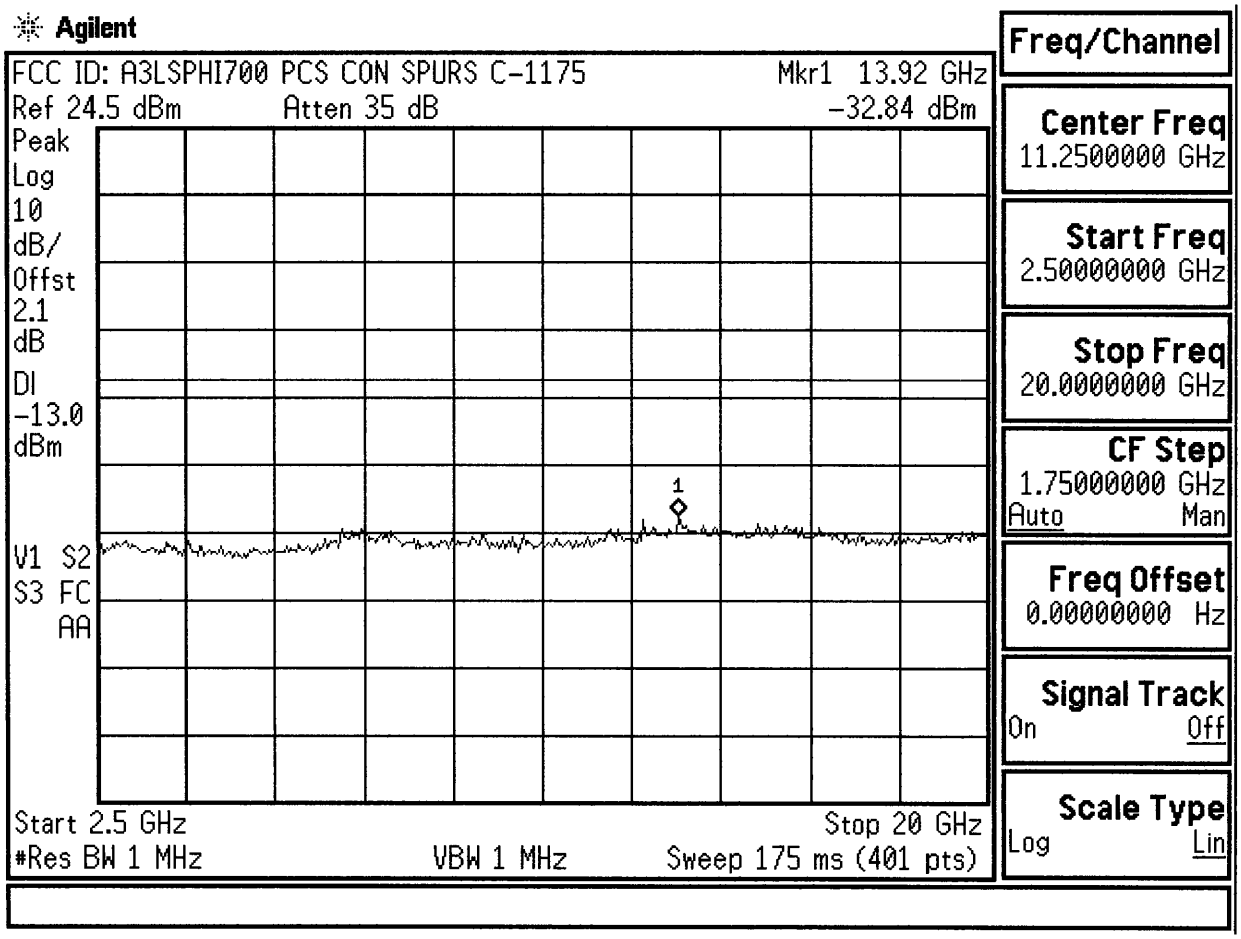

Agilent
FCC ID: A3LSPHI700 PCS PWR OUT C-1175
Ref 24.5 dBm
Atten 35 dB
Samp
Log
10
dB/
Offst
2.1
dB
VAvg
100
V1 S2
S3 FC
AA
Center 1.909 GHz
Span 10 MHz
#Res BW 3 MHz
VBW 3 MHz
Sweep 4 ms (401 pts)
Freq/Channel
Center Freq
1.90875000 GHz
Start Freq
1.90375000 GHz
Stop Freq
1.91375000 GHz
CF Step
1.00000000 MHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Scale Type
Log
Lin

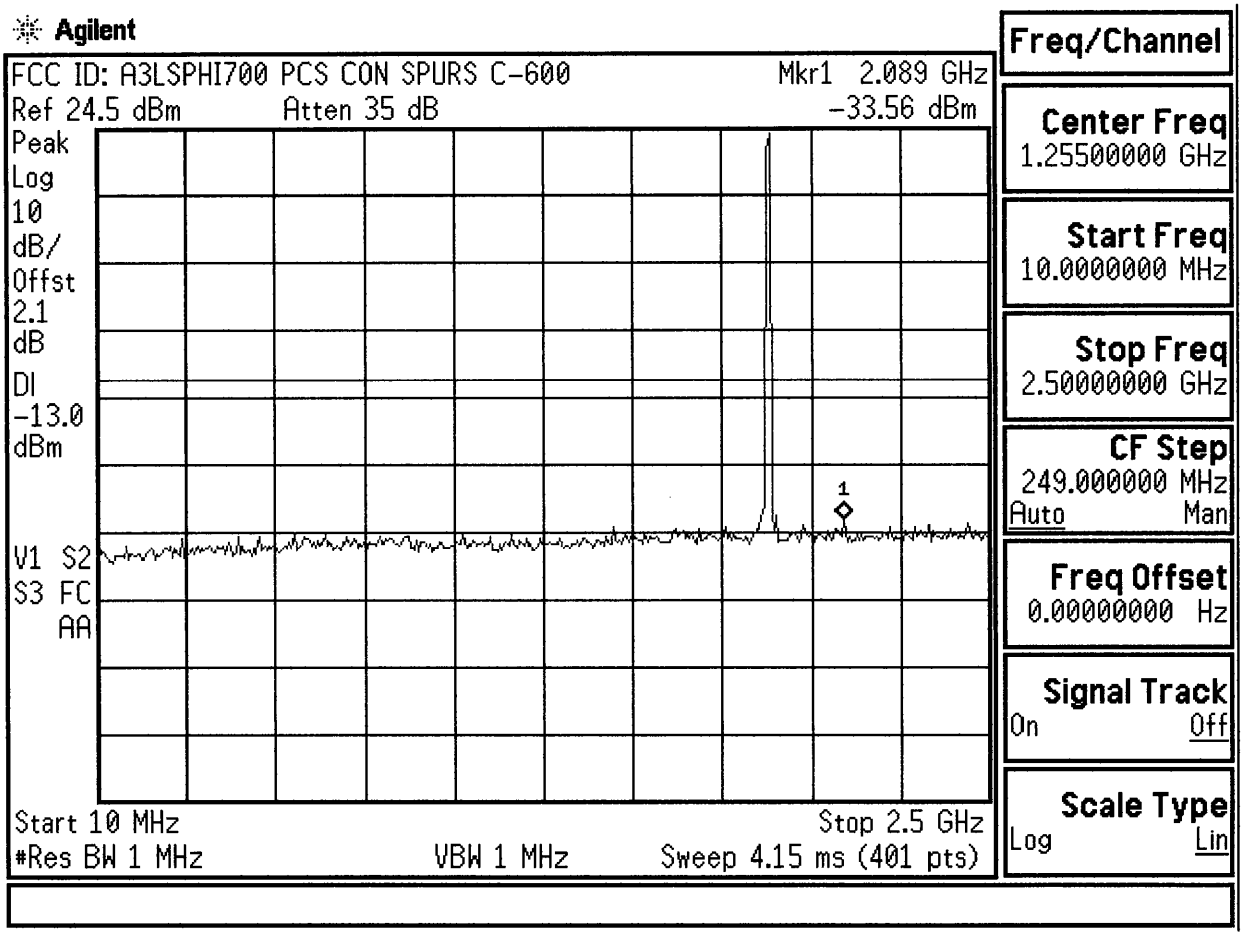

Agilent
FCC ID: A3LSPHI700 PCS PWR OUT C-25
Ref 24.5 dBm
Atten 35 dB
Samp
Log
10
dB/
Offst
2.1
dB
VAvg
100
V1 S2
S3 FC
AA
Center 1.851 GHz
Span 10 MHz
#Res BW 3 MHz
VBW 3 MHz
Sweep 4 ms (401 pts)
Freq/Channel
Center Freq
1.85125000 GHz
Start Freq
1.84625000 GHz
Stop Freq
1.85625000 GHz
CF Step
1.00000000 MHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Scale Type
Log
Lin

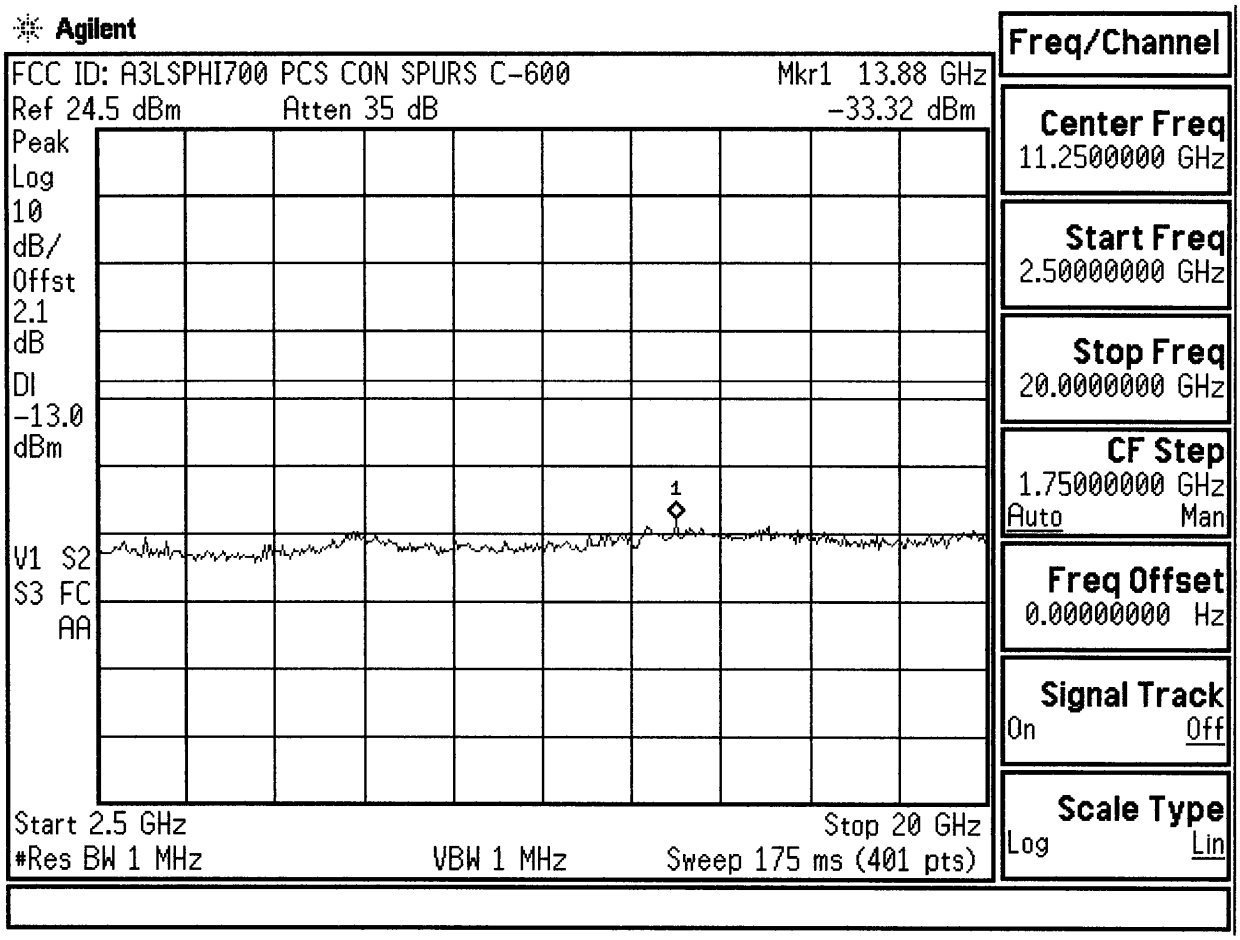

Agilent
FCC ID: A3LSPHI700 PCS PWR OUT C-600
Ref 24.5 dBm
Atten 35 dB
Samp
Log
10
dB/
Offst
2.1
dB
VAvg
100
V1 S2
S3 FC
AA
Center 1.88 GHz
Span 10 MHz
#Res BW 3 MHz
VBW 3 MHz
Sweep 4 ms (401 pts)
Freq/Channel
Center Freq
1.88000000 GHz
Start Freq
1.87500000 GHz
Stop Freq
1.88500000 GHz
CF Step
1.00000000 MHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Scale Type
Log
Lin

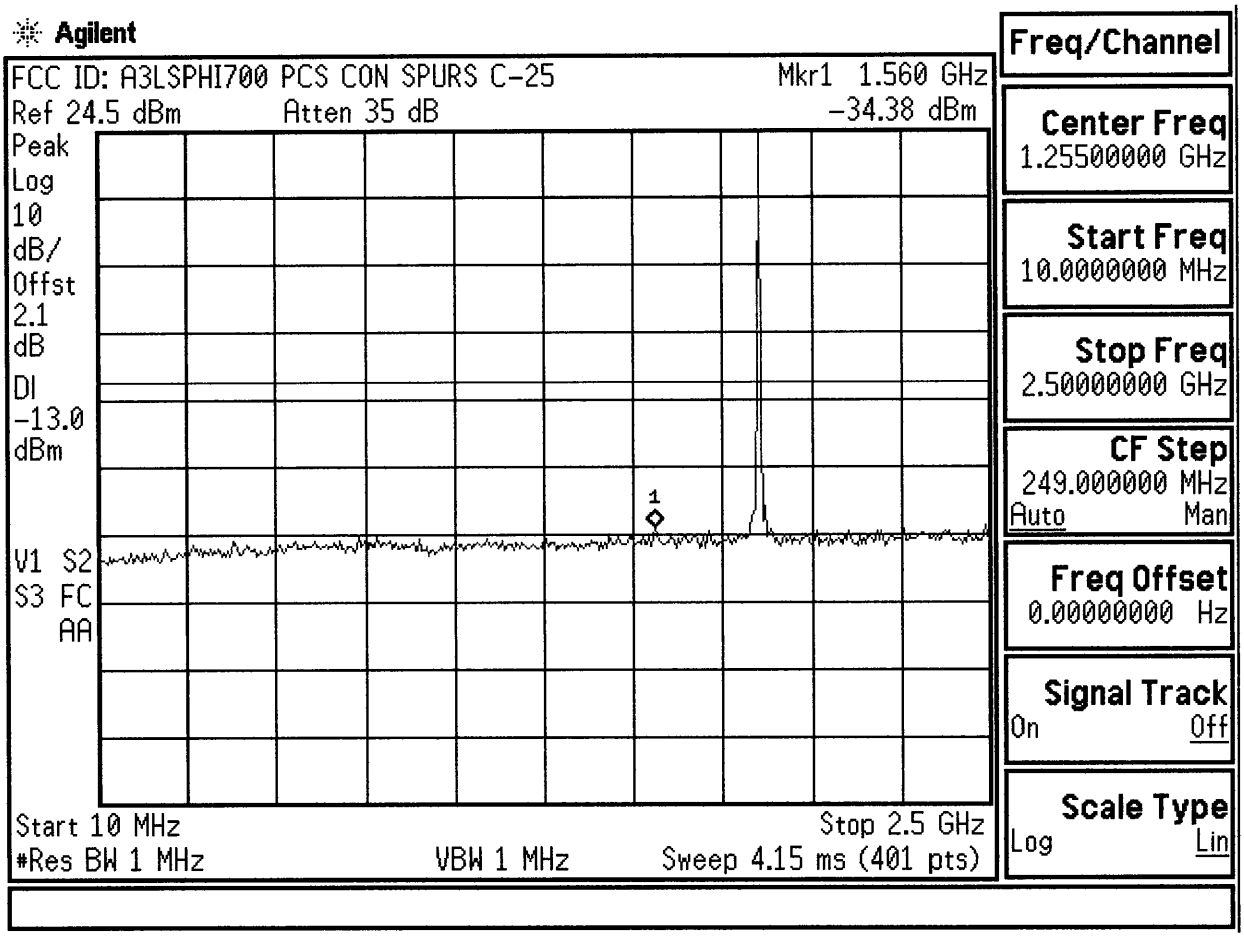

Agilent
FCC ID: A3LSPHI700 PCS PWR OUT C-1175
Ref 24.5 dBm
Atten 35 dB
Samp
Log
10
dB/
Offst
2.1
dB
VAvg
100
V1 S2
S3 FC
AA
Center 1.909 GHz
Span 10 MHz
#Res BW 3 MHz
VBW 3 MHz
Sweep 4 ms (401 pts)
Freq/Channel
Center Freq
1.90875000 GHz
Start Freq
1.90375000 GHz
Stop Freq
1.91375000 GHz
CF Step
1.00000000 MHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Scale Type
Log
Lin

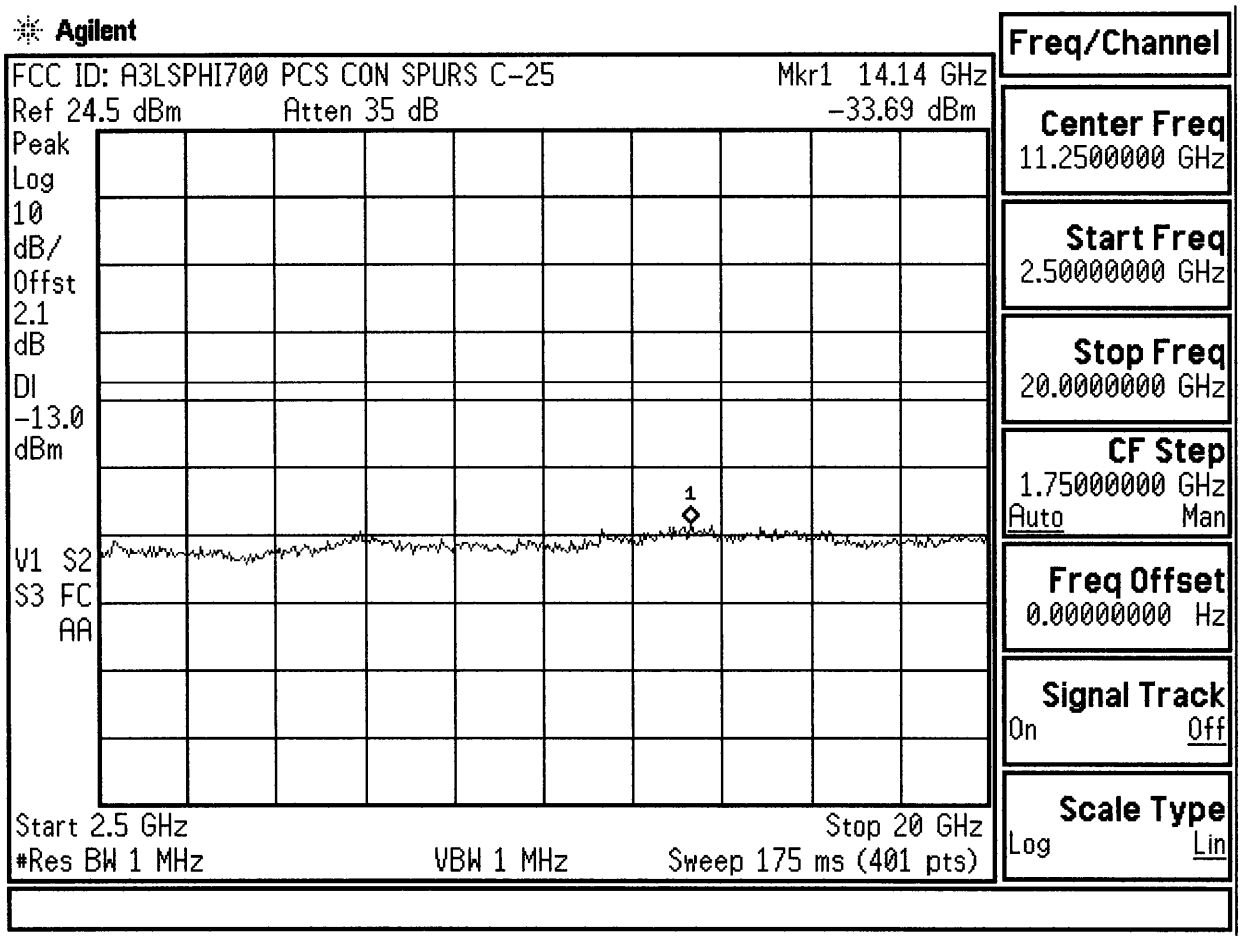

Agilent
FCC ID: A3LSPHI700 PCS CON SPURS C-1175
Mkr1 2.382 GHz
Ref 24.5 dBm
Atten 35 dB
-34.33 dBm
Peak
Log
10
dB/
Offst
2.1
dB
Dl
-13.0
dBm
1
V1 S2
S3 FC
AA
Start 10 MHz
Stop 2.5 GHz
#Res BW 1 MHz
VBW 1 MHz
Sweep 4.15 ms (401 pts)
Freq/Channel
Center Freq
1.25500000 GHz
Start Freq
10.0000000 MHz
Stop Freq
2.50000000 GHz
CF Step
249.000000 MHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Scale Type
Log
Lin

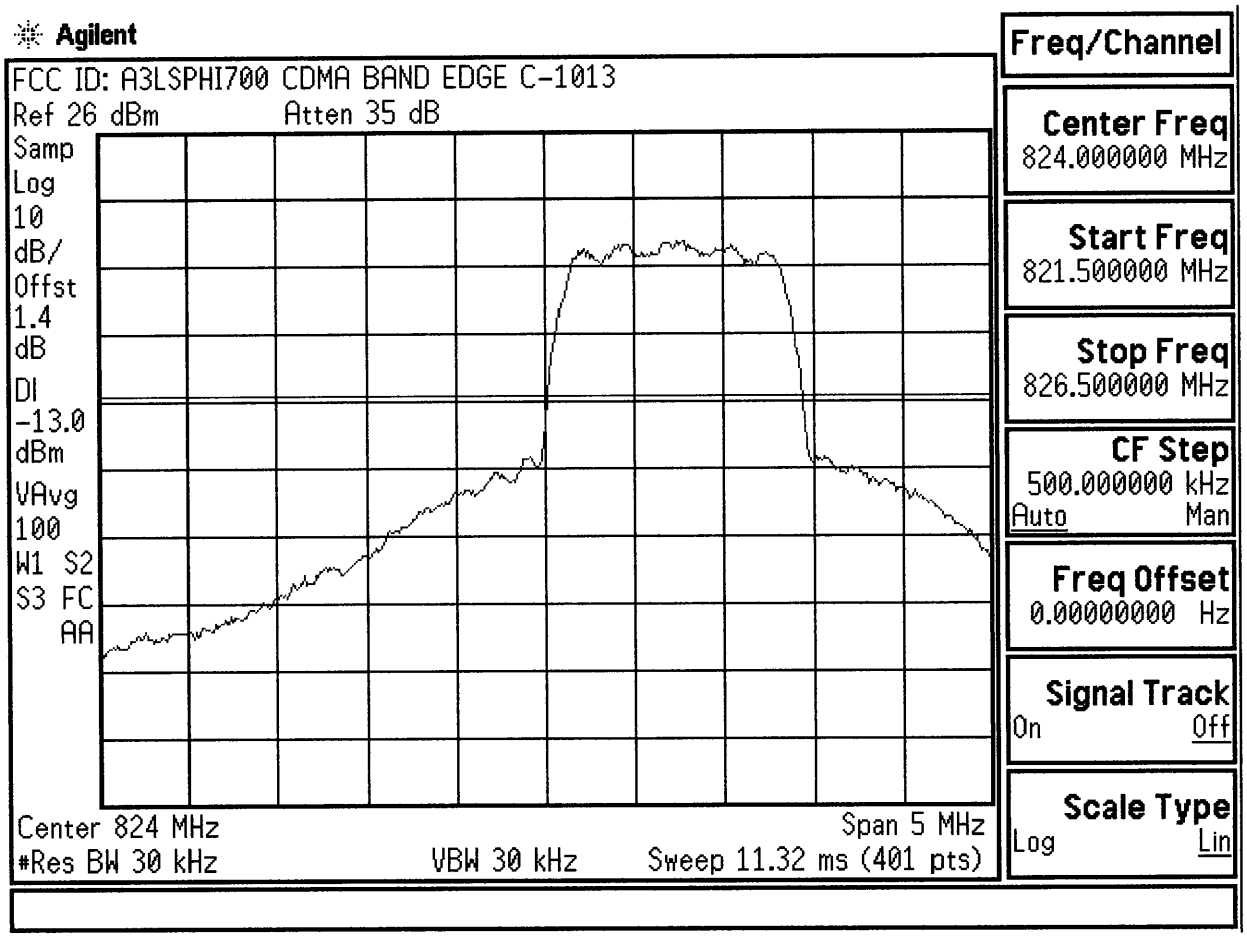

Agilent
FCC ID: A3LSPHI700 PCS CON SPURS C-1175
Mkr1 13.92 GHz
Ref 24.5 dBm
Atten 35 dB
-32.84 dBm
Peak
Log
10
dB/
Offst
2.1
dB
Dl
-13.0
dBm
1
V1 S2
S3 FC
AA
Start 2.5 GHz
Stop 20 GHz
#Res BW 1 MHz
VBW 1 MHz
Sweep 175 ms (401 pts)
Freq/Channel
Center Freq
11.2500000 GHz
Start Freq
2.50000000 GHz
Stop Freq
20.0000000 GHz
CF Step
1.75000000 GHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Scale Type
Log
Lin

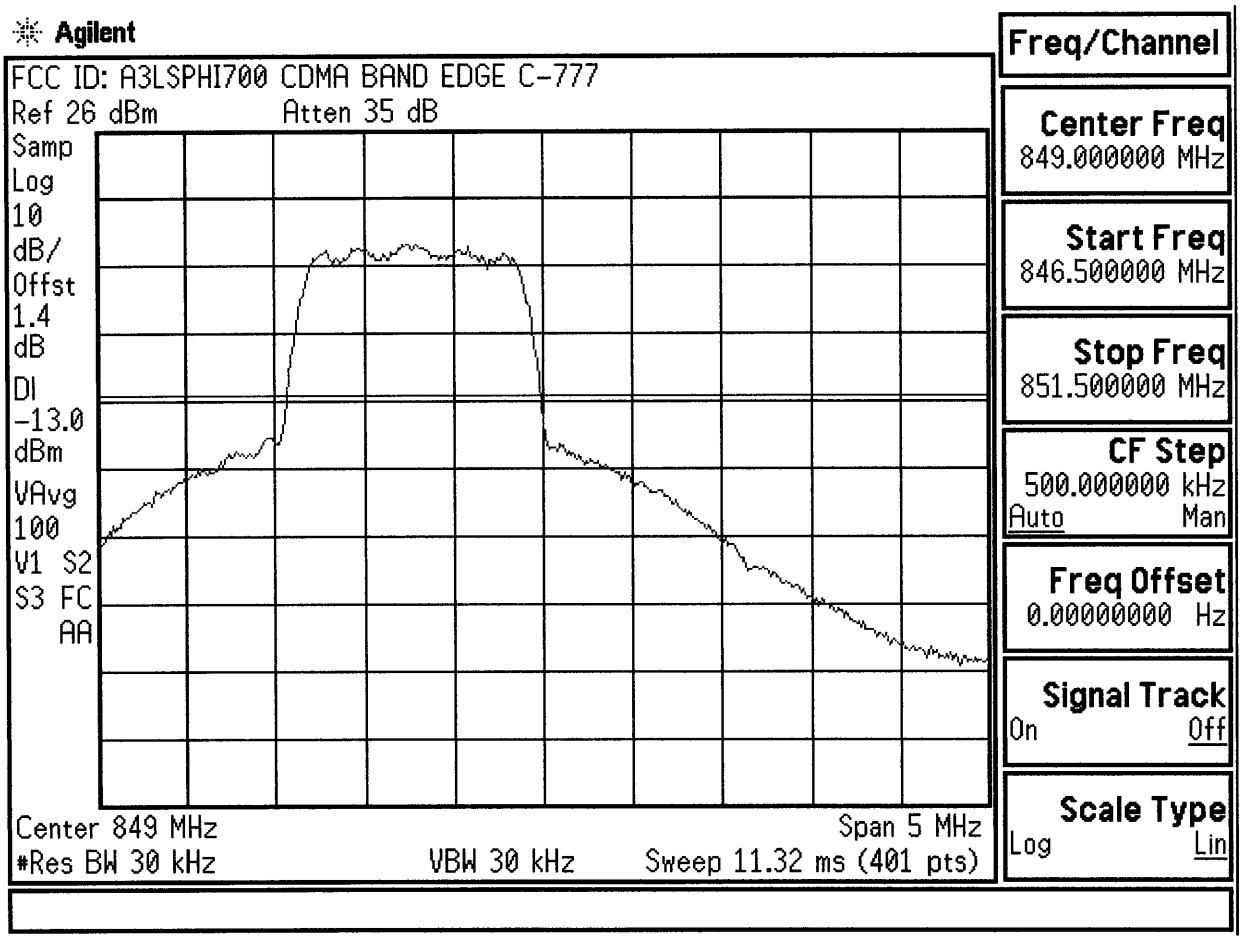

Agilent
FCC ID: A3LSPHI700 PCS CON SPURS C-600
Mkr1 2.089 GHz
Ref 24.5 dBm
Atten 35 dB
-33.56 dBm
Peak
Log
10
dB/
Offst
2.1
dB
Dl
-13.0
dBm
1
V1 S2
S3 FC
AA
Start 10 MHz
Stop 2.5 GHz
#Res BW 1 MHz
VBW 1 MHz
Sweep 4.15 ms (401 pts)
Freq/Channel
Center Freq
1.25500000 GHz
Start Freq
10.0000000 MHz
Stop Freq
2.50000000 GHz
CF Step
249.000000 MHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Scale Type
Log
Lin

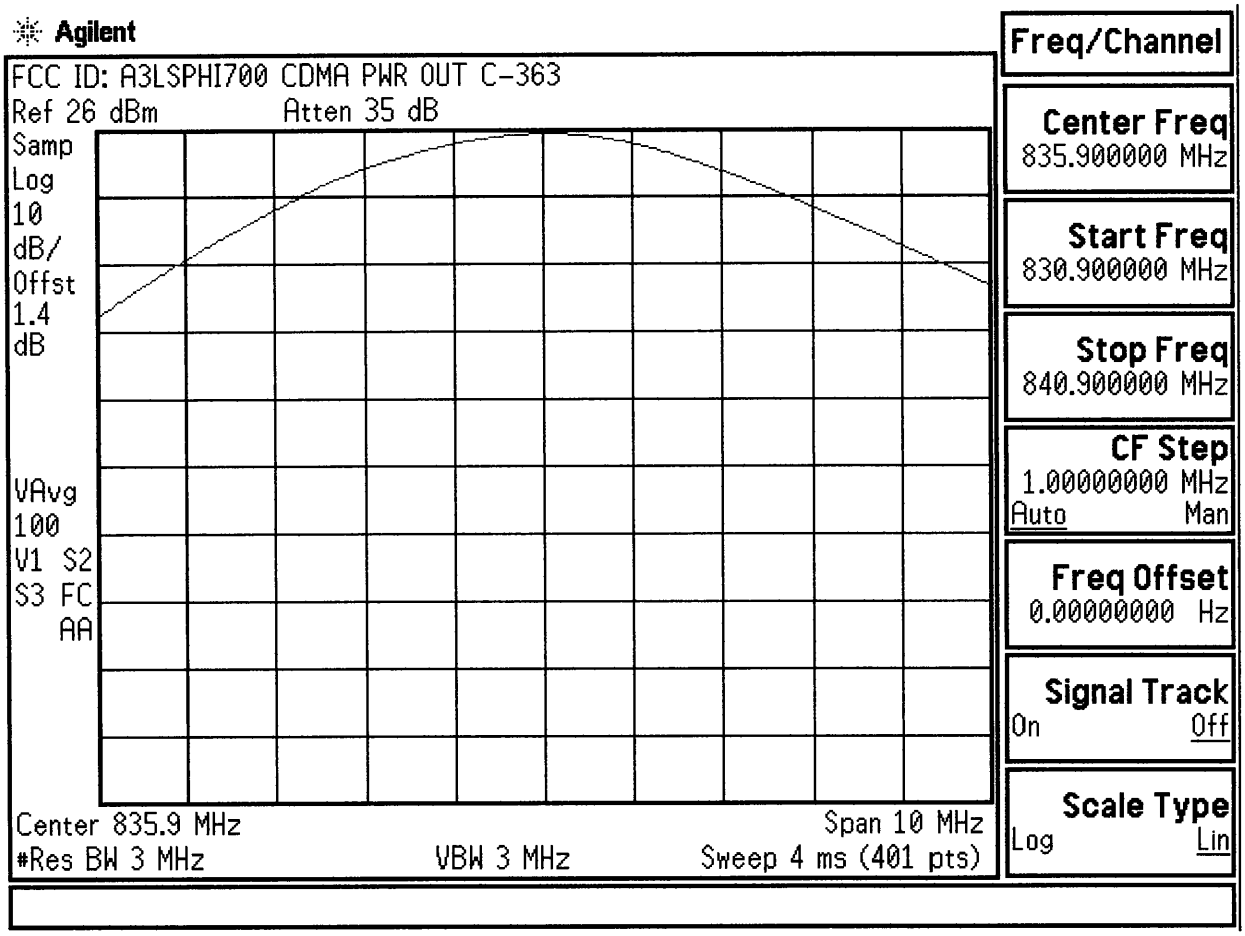

Agilent
FCC ID: A3LSPHI700 PCS CON SPURS C-600
Mkr1 13.88 GHz
Ref 24.5 dBm
Atten 35 dB
-33.32 dBm
Peak
Log
10
dB/
Offst
2.1
dB
Dl
-13.0
dBm
1
V1 S2
S3 FC
AA
Start 2.5 GHz
Stop 20 GHz
#Res BW 1 MHz
VBW 1 MHz
Sweep 175 ms (401 pts)
Freq/Channel
Center Freq
11.2500000 GHz
Start Freq
2.50000000 GHz
Stop Freq
20.0000000 GHz
CF Step
1.75000000 GHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Scale Type
Log
Lin

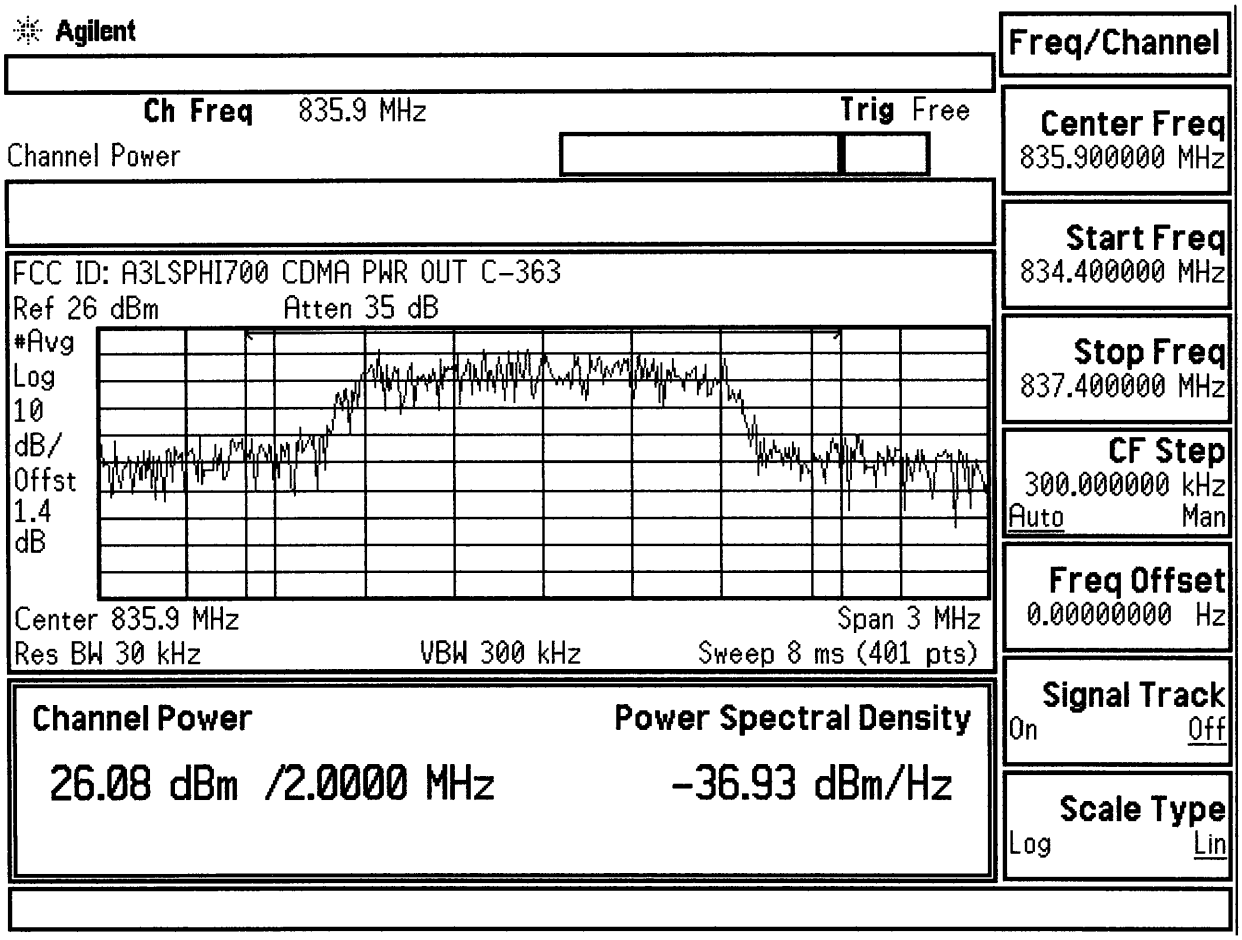

Agilent
FCC ID: A3LSPHI700 PCS CON SPURS C-25
Mkr1 1.560 GHz
Ref 24.5 dBm
Atten 35 dB
-34.38 dBm
Peak
Log
10
dB/
Offst
2.1
dB
Dl
-13.0
dBm
1
V1 S2
S3 FC
AA
Start 10 MHz
Stop 2.5 GHz
#Res BW 1 MHz
VBW 1 MHz
Sweep 4.15 ms (401 pts)
Freq/Channel
Center Freq
1.25500000 GHz
Start Freq
10.0000000 MHz
Stop Freq
2.50000000 GHz
CF Step
249.000000 MHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Scale Type
Log
Lin

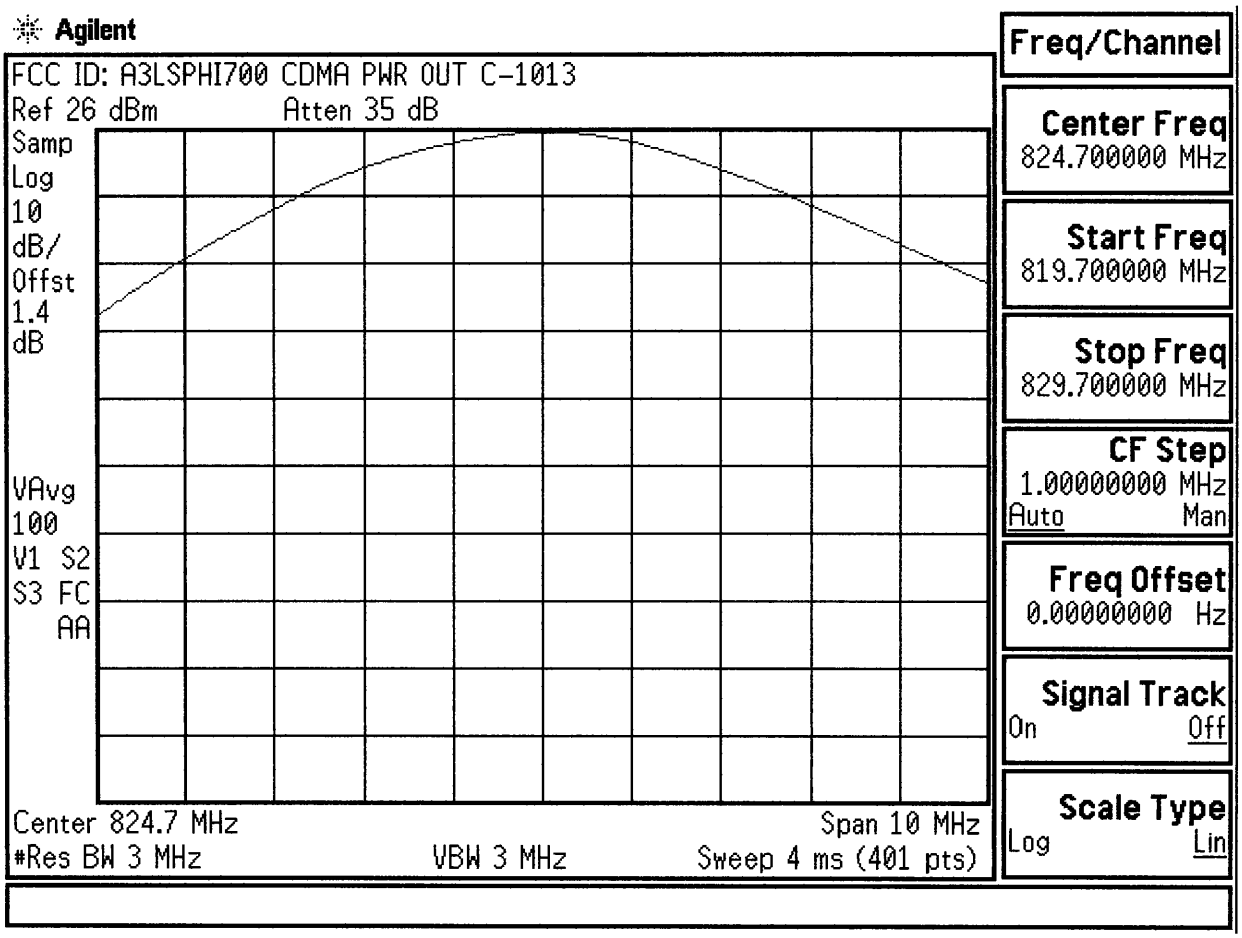

Agilent
FCC ID: A3LSPHI700 PCS CON SPURS C-25
Mkr1 14.14 GHz
Ref 24.5 dBm
Atten 35 dB
-33.69 dBm
Peak
Log
10
dB/
Offst
2.1
dB
Dl
-13.0
dBm
1
V1 S2
S3 FC
AA
Start 2.5 GHz
Stop 20 GHz
#Res BW 1 MHz
VBW 1 MHz
Sweep 175 ms (401 pts)
Freq/Channel
Center Freq
11.2500000 GHz
Start Freq
2.50000000 GHz
Stop Freq
20.0000000 GHz
CF Step
1.75000000 GHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Scale Type
Log
Lin

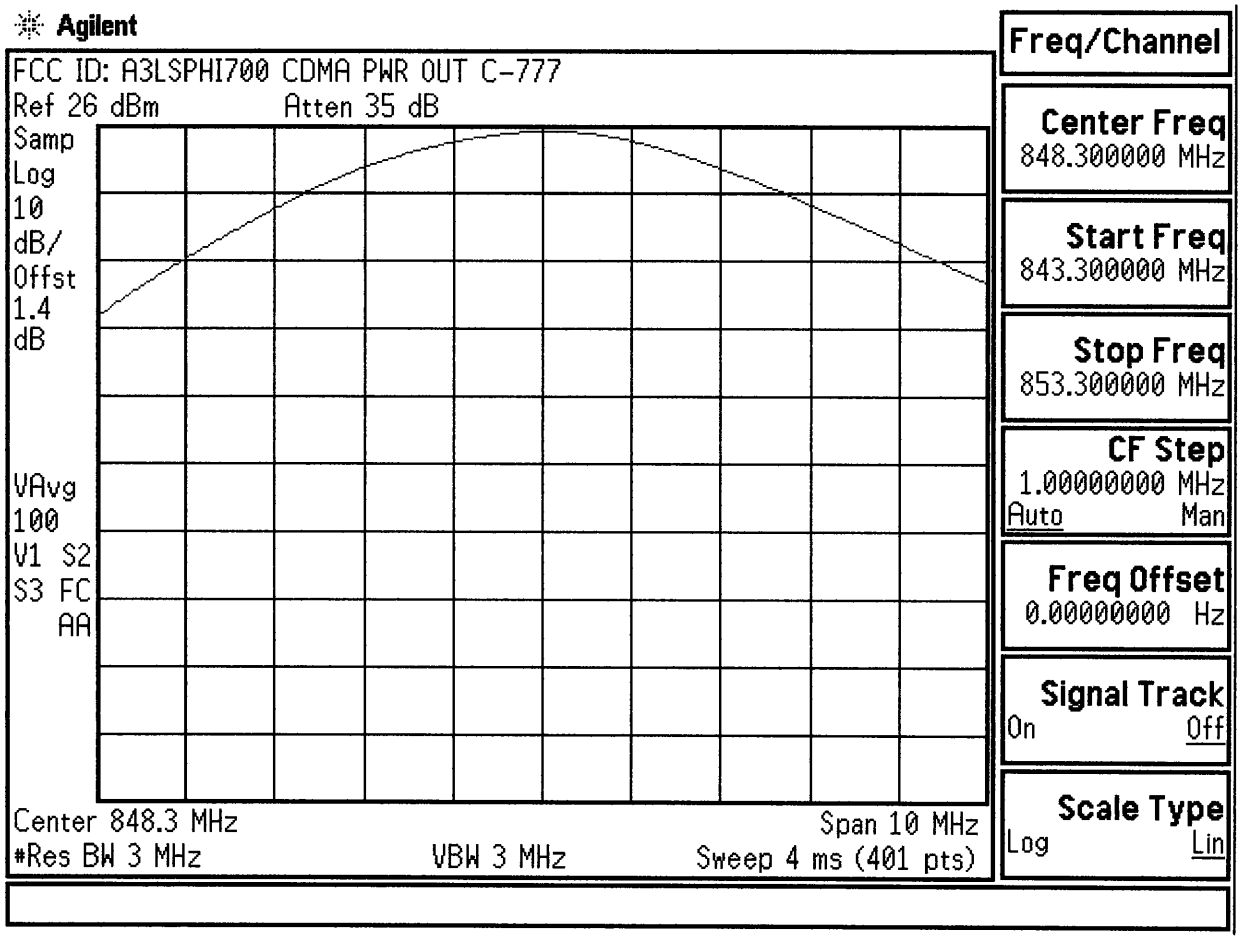

Agilent
FCC ID: A3LSPHI700 CDMA BAND EDGE C-1013
Ref 26 dBm
Atten 35 dB
Samp
Log
10
dB/
Offst
1.4
dB
DI
-13.0
dBm
VAvg
100
W1 S2
S3 FC
AA
Center 824 MHz
Span 5 MHz
#Res BW 30 kHz
VBW 30 kHz
Sweep 11.32 ms (401 pts)
Freq/Channel
Center Freq
824.000000 MHz
Start Freq
821.500000 MHz
Stop Freq
826.500000 MHz
CF Step
500.000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Scale Type
Log
Lin

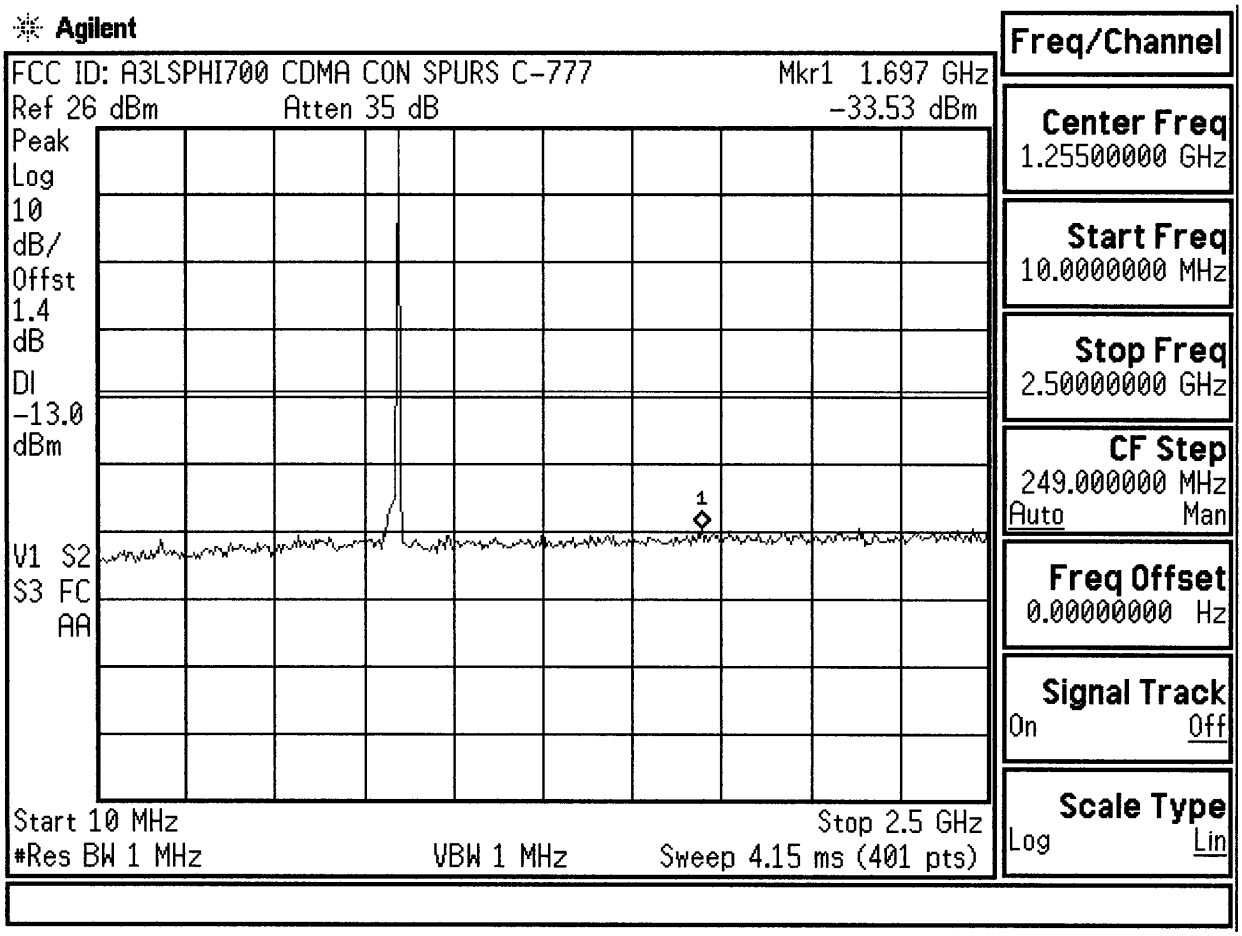

Agilent
FCC ID: A3LSPHI700 CDMA BAND EDGE C-777
Ref 26 dBm
Atten 35 dB
Samp
Log
10
dB/
Offst
1.4
dB
DI
-13.0
dBm
VAvg
100
V1 S2
S3 FC
AA
Center 849 MHz
Span 5 MHz
#Res BW 30 kHz
VBW 30 kHz
Sweep 11.32 ms (401 pts)
Freq/Channel
Center Freq
849.000000 MHz
Start Freq
846.500000 MHz
Stop Freq
851.500000 MHz
CF Step
500.000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Scale Type
Log
Lin

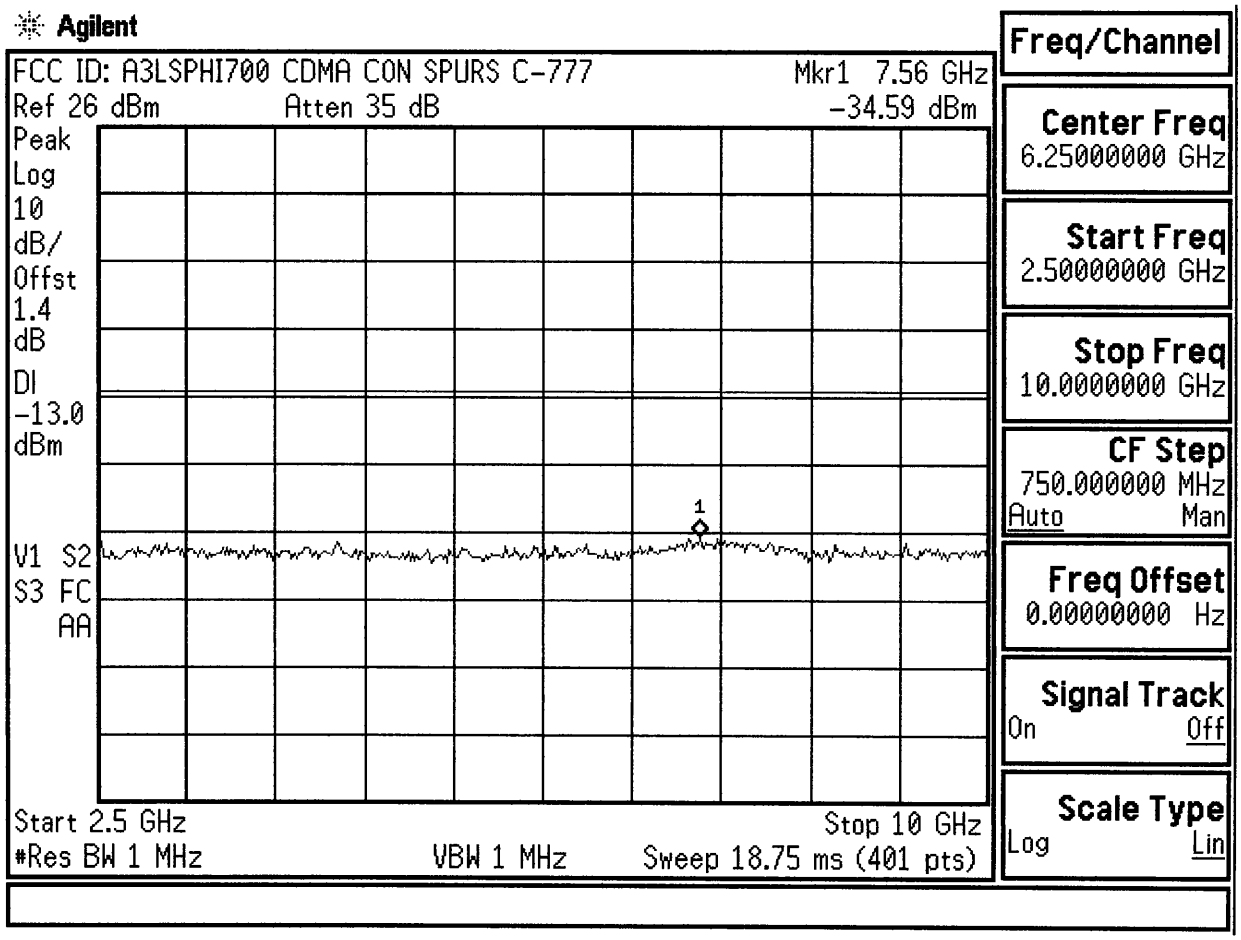

Agilent
FCC ID: A3LSPHI700 CDMA PWR OUT C-363
Ref 26 dBm
Atten 35 dB
Samp
Log
10
dB/
Offst
1.4
dB
VAvg
100
V1 S2
S3 FC
AA
Center 835.9 MHz
Span 10 MHz
#Res BW 3 MHz
VBW 3 MHz
Sweep 4 ms (401 pts)
Freq/Channel
Center Freq
835.900000 MHz
Start Freq
830.900000 MHz
Stop Freq
840.900000 MHz
CF Step
1.00000000 MHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Scale Type
Log
Lin

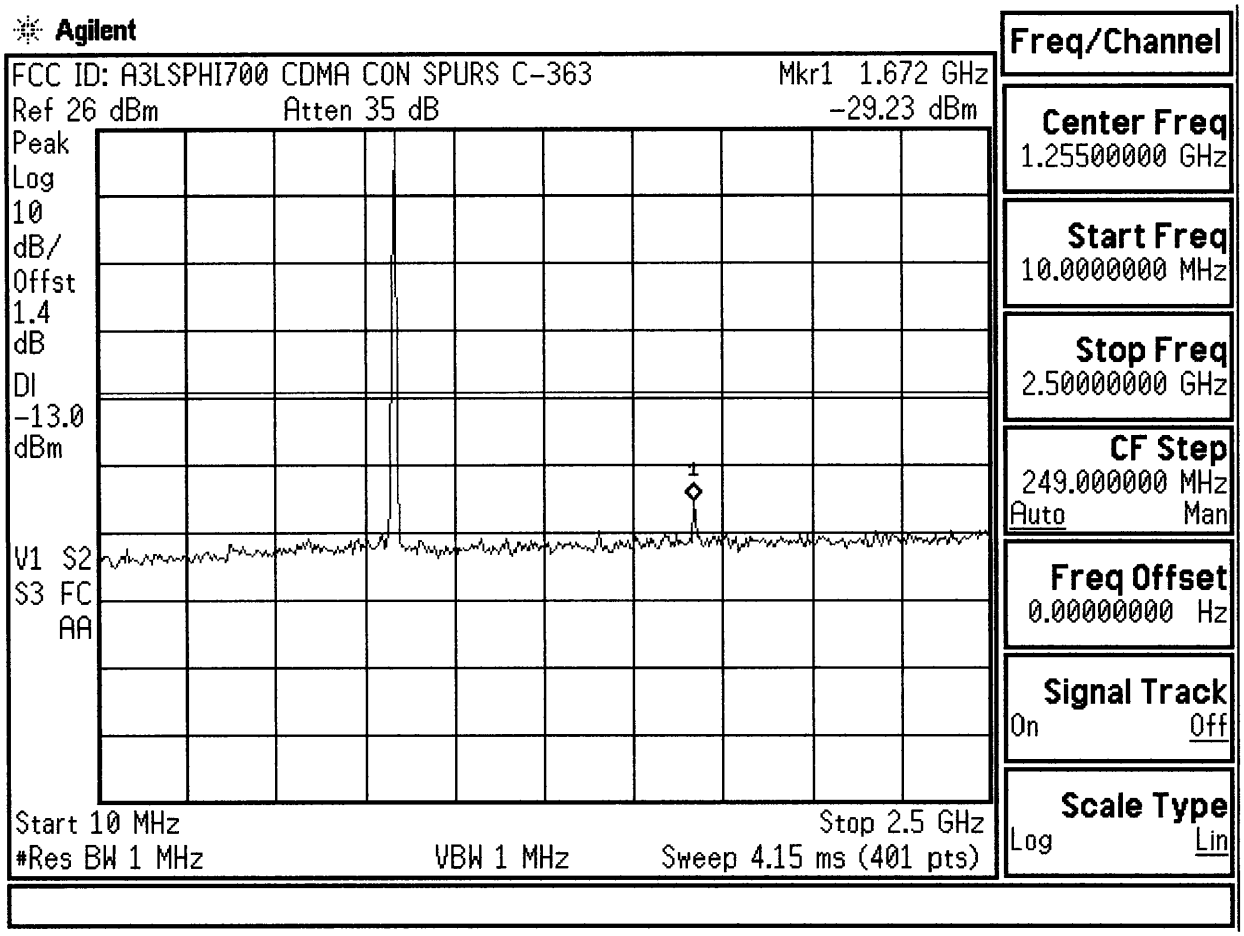

Agilent
Ch Freq 835.9 MHz
Trig Free
Channel Power
FCC ID: A3LSPHI700 CDMA PWR OUT C-363
Ref 26 dBm
Atten 35 dB
#Avg
Log
10
dB/
Offst
1.4
dB
Center 835.9 MHz
Span 3 MHz
Res BW 30 kHz
VBW 300 kHz
Sweep 8 ms (401 pts)
Channel Power
26.08 dBm /2.0000 MHz
Power Spectral Density
-36.93 dBm/Hz
Freq/Channel
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
Scale Type
Log
Lin

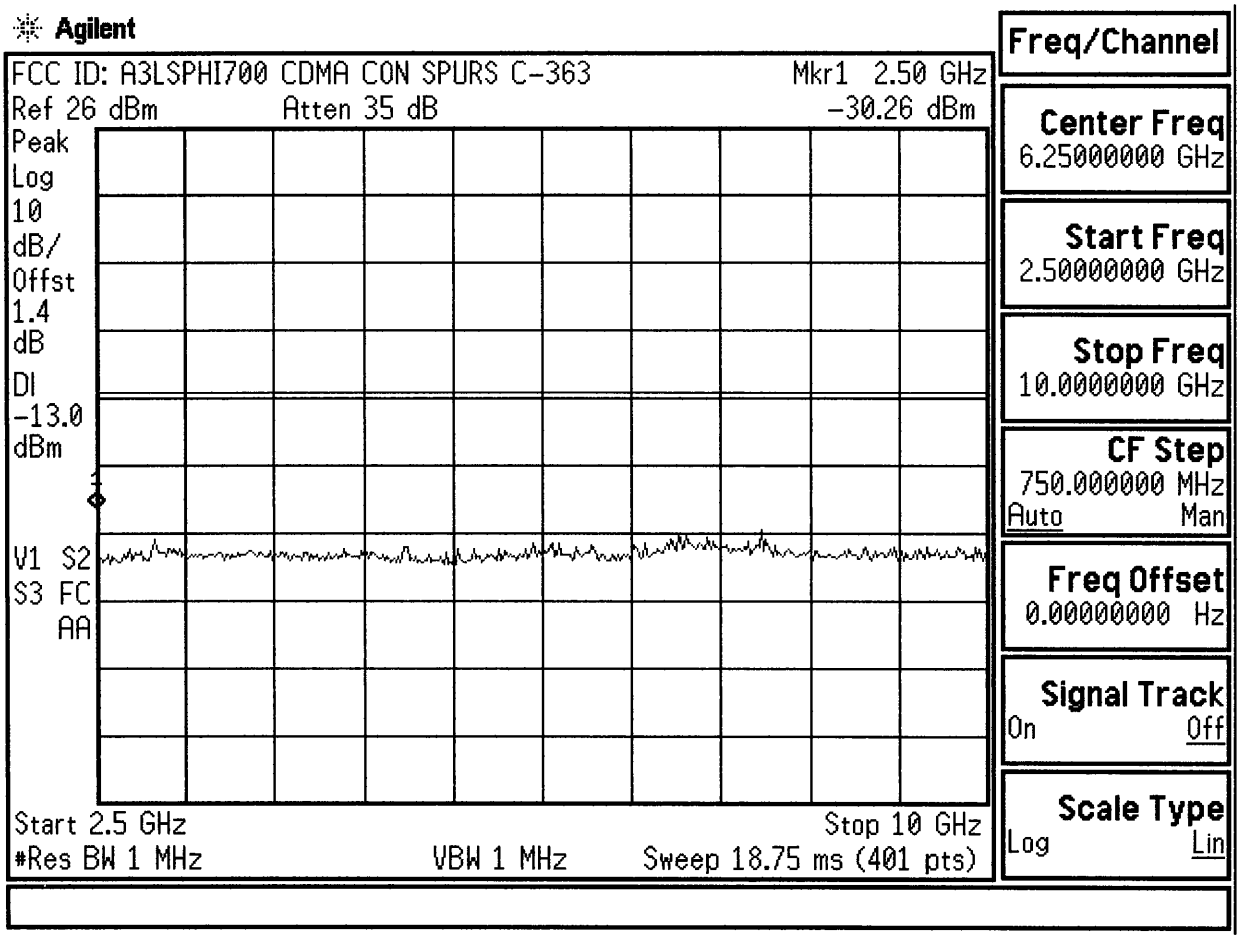

Agilent
FCC ID: A3LSPHI700 CDMA PWR OUT C-1013
Ref 26 dBm
Atten 35 dB
Samp
Log
10
dB/
Offst
1.4
dB
VAvg
100
V1 S2
S3 FC
AA
Center 824.7 MHz
Span 10 MHz
#Res BW 3 MHz
VBW 3 MHz
Sweep 4 ms (401 pts)
Freq/Channel
Center Freq
824.700000 MHz
Start Freq
819.700000 MHz
Stop Freq
829.700000 MHz
CF Step
1.00000000 MHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Scale Type
Log
Lin

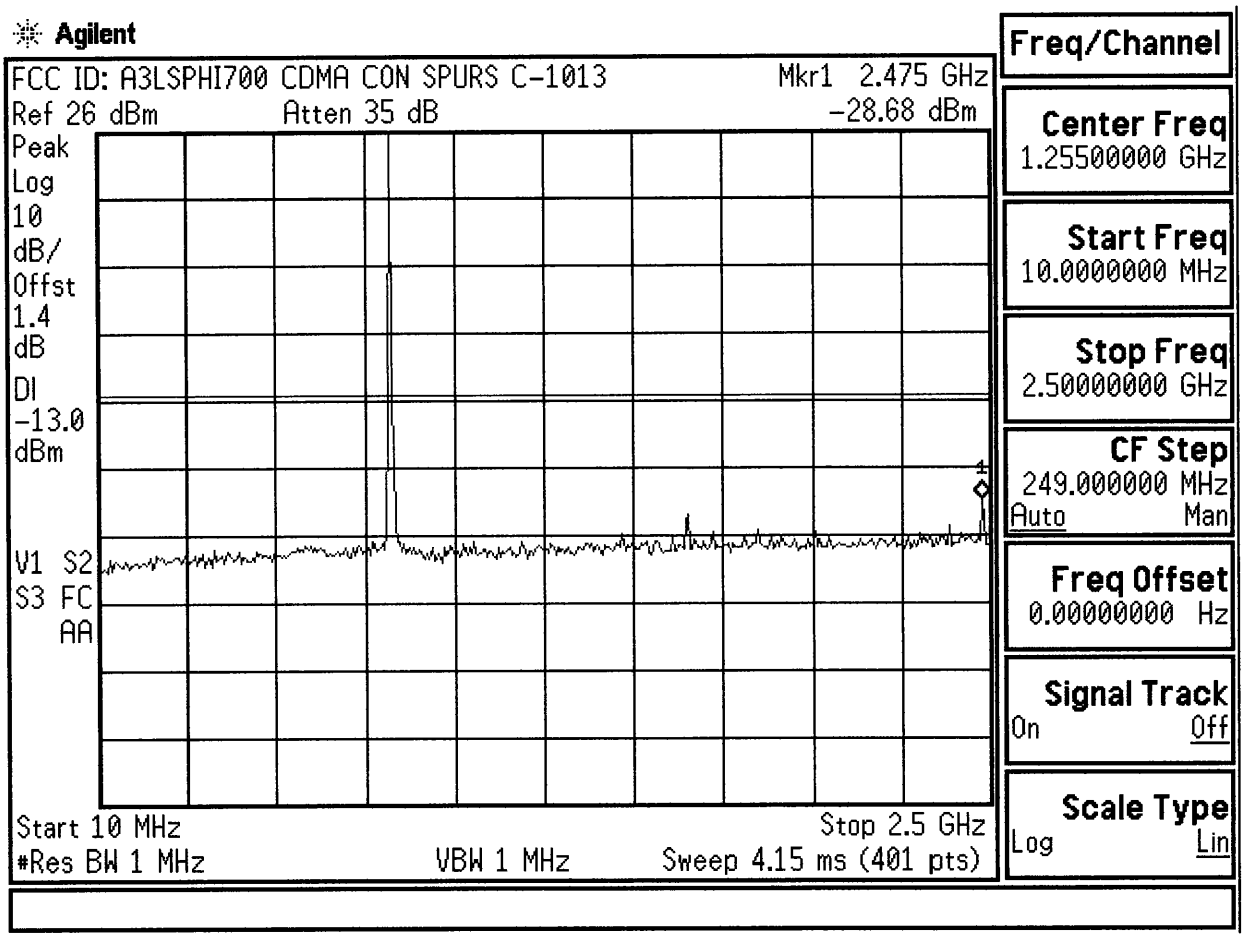

Agilent
FCC ID: A3LSPHI700 CDMA PWR OUT C-777
Ref 26 dBm
Atten 35 dB
Samp
Log
10
dB/
Offst
1.4
dB
VAvg
100
V1 S2
S3 FC
AA
Center 848.3 MHz
Span 10 MHz
#Res BW 3 MHz
VBW 3 MHz
Sweep 4 ms (401 pts)
Freq/Channel
Center Freq
848.300000 MHz
Start Freq
843.300000 MHz
Stop Freq
853.300000 MHz
CF Step
1.00000000 MHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Scale Type
Log
Lin

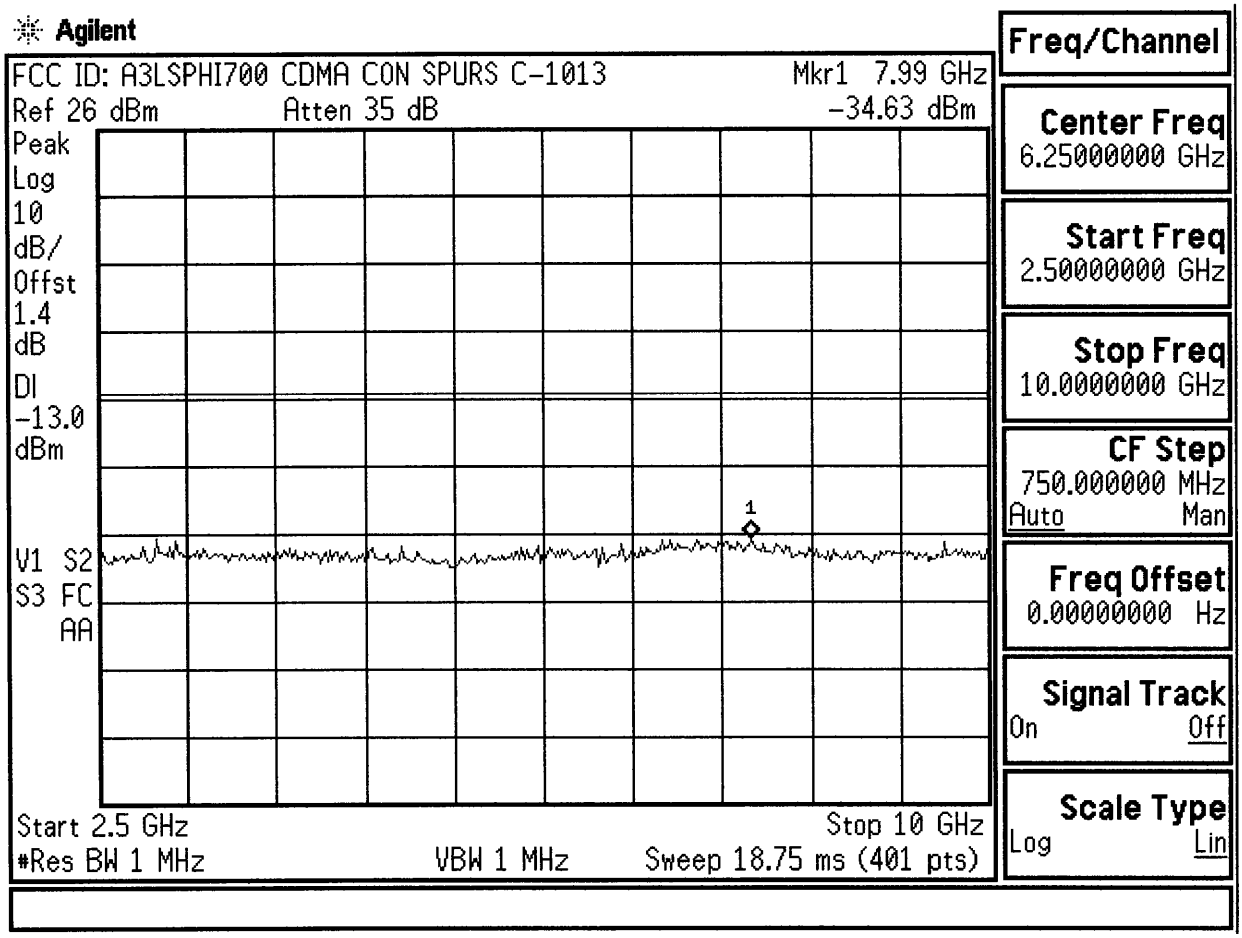

Agilent
FCC ID: A3LSPHI700 CDMA CON SPURS C-777
Mkr1 1.697 GHz
Ref 26 dBm
Atten 35 dB
-33.53 dBm
Peak
Log
10
dB/
Offst
1.4
dB
Dl
-13.0
dBm
1
V1 S2
S3 FC
AA
Start 10 MHz
Stop 2.5 GHz
#Res BW 1 MHz
VBW 1 MHz
Sweep 4.15 ms (401 pts)
Freq/Channel
Center Freq
1.25500000 GHz
Start Freq
10.0000000 MHz
Stop Freq
2.50000000 GHz
CF Step
249.000000 MHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Scale Type
Log
Lin

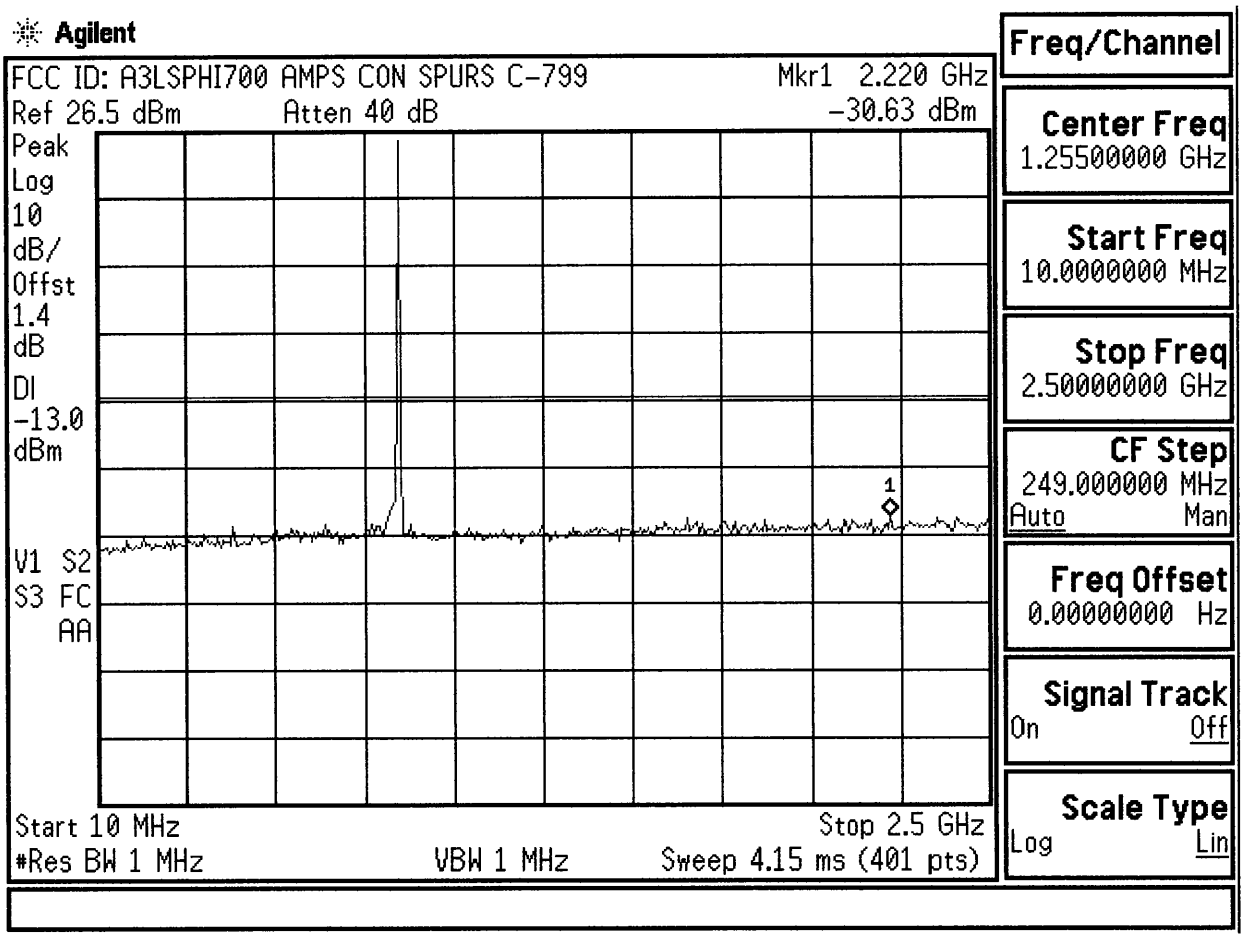

Agilent
FCC ID: A3LSPHI700 CDMA CON SPURS C-777
Mkr1 7.56 GHz
Ref 26 dBm
Atten 35 dB
-34.59 dBm
Peak
Log
10
dB/
Offst
1.4
dB
Dl
-13.0
dBm
1
V1 S2
S3 FC
AA
Start 2.5 GHz
Stop 10 GHz
#Res BW 1 MHz
VBW 1 MHz
Sweep 18.75 ms (401 pts)
Freq/Channel
Center Freq
6.25000000 GHz
Start Freq
2.50000000 GHz
Stop Freq
10.0000000 GHz
CF Step
750.000000 MHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Scale Type
Log
Lin

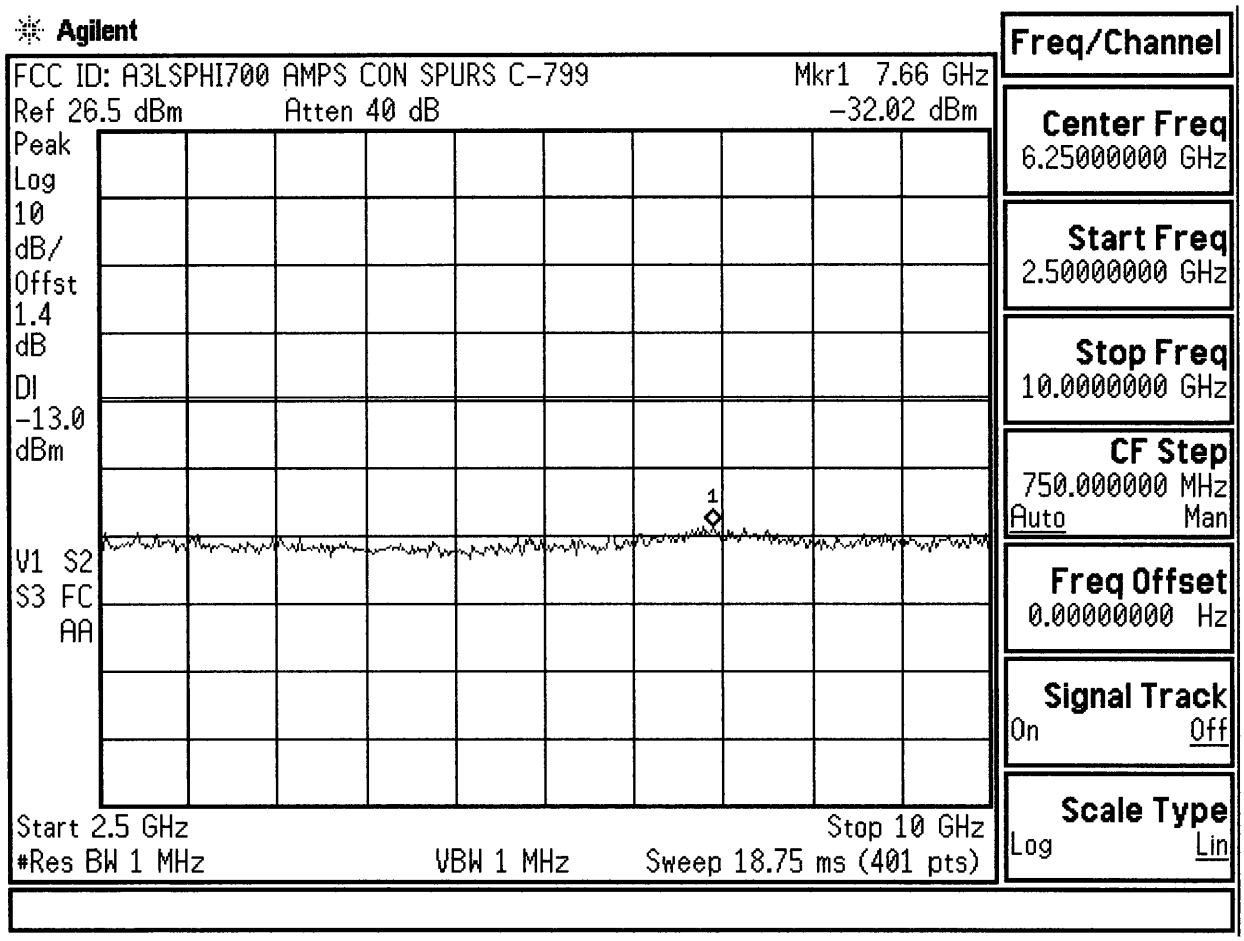

Agilent
FCC ID: A3LSPHI700 CDMA CON SPURS C-363
Mkr1 1.672 GHz
Ref 26 dBm
Atten 35 dB
-29.23 dBm
Peak
Log
10
dB/
Offst
1.4
dB
Dl
-13.0
dBm
V1 S2
S3 FC
AA
Start 10 MHz
Stop 2.5 GHz
#Res BW 1 MHz
VBW 1 MHz
Sweep 4.15 ms (401 pts)
Freq/Channel
Center Freq
1.25500000 GHz
Start Freq
10.0000000 MHz
Stop Freq
2.50000000 GHz
CF Step
249.000000 MHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Scale Type
Log
Lin

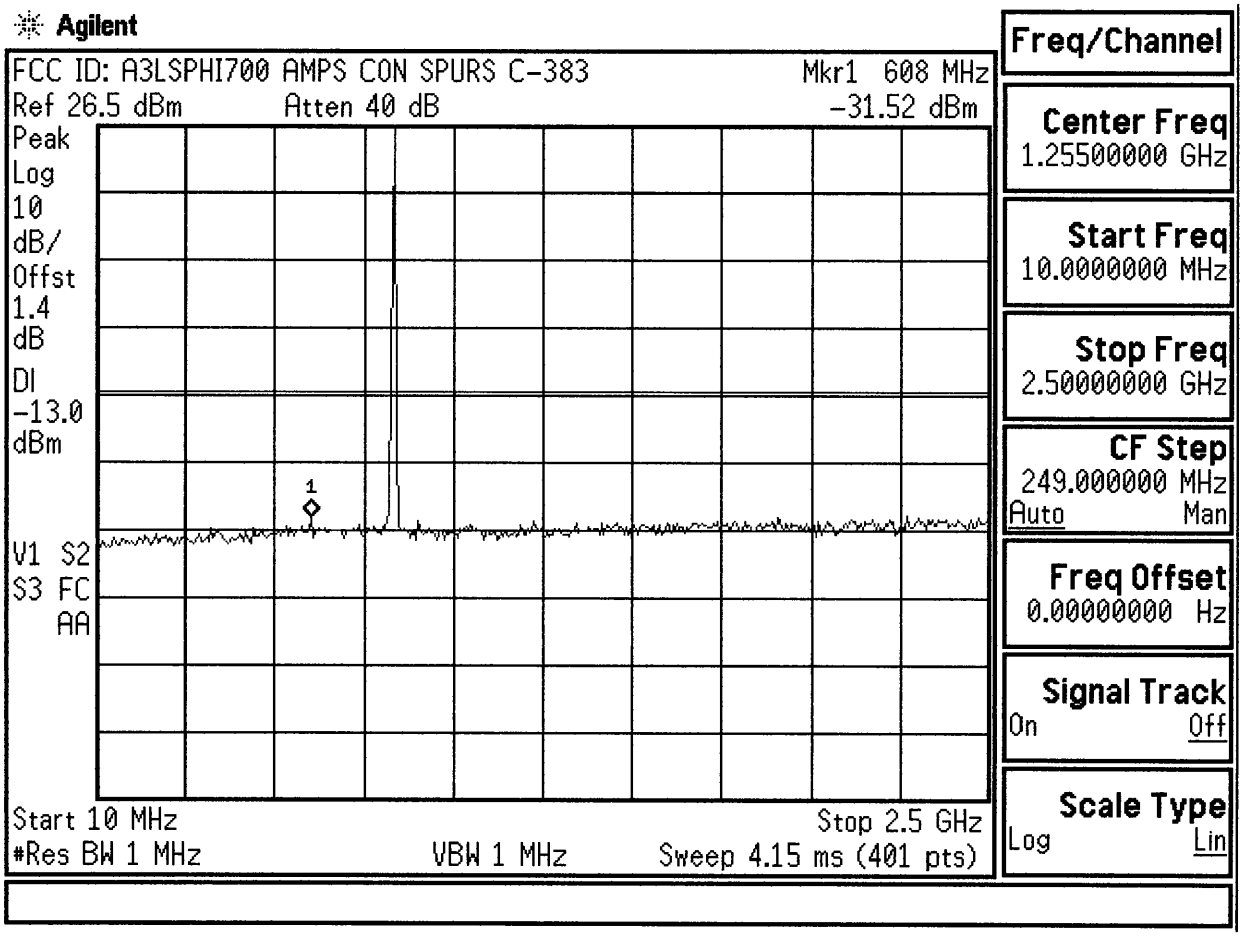

Agilent
FCC ID: A3LSPHI700 CDMA CON SPURS C-363
Mkr1 2.50 GHz
Ref 26 dBm
Atten 35 dB
-30.26 dBm
Peak
Log
10
dB/
Offst
1.4
dB
Dl
-13.0
dBm
V1 S2
S3 FC
AA
Start 2.5 GHz
Stop 10 GHz
#Res BW 1 MHz
VBW 1 MHz
Sweep 18.75 ms (401 pts)
Freq/Channel
Center Freq
6.25000000 GHz
Start Freq
2.50000000 GHz
Stop Freq
10.0000000 GHz
CF Step
750.000000 MHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Scale Type
Log
Lin

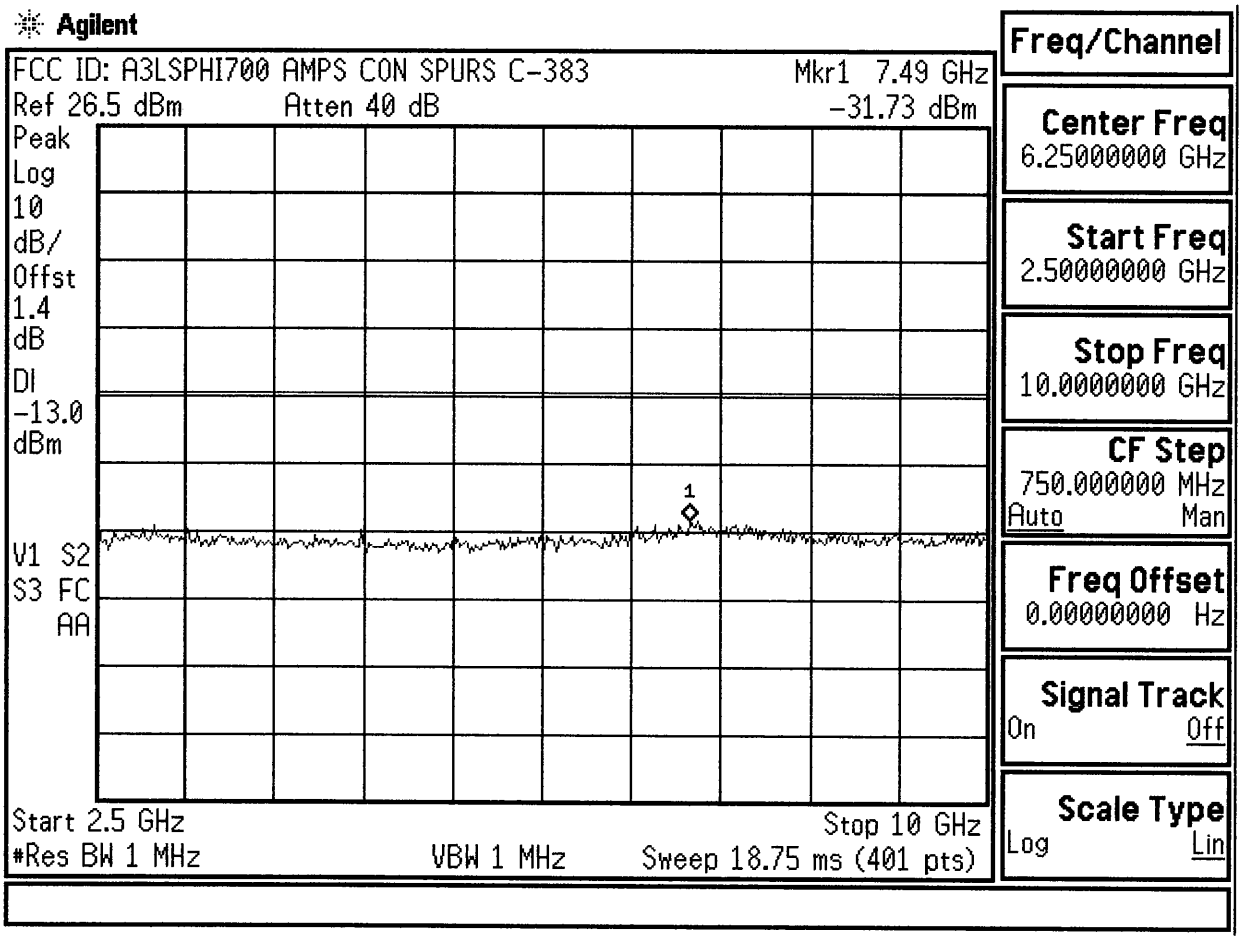

Agilent
FCC ID: A3LSPHI700 CDMA CON SPURS C-1013
Mkr1 2.475 GHz
Ref 26 dBm
Atten 35 dB
-28.68 dBm
Peak
Log
10
dB/
Offst
1.4
dB
Dl
-13.0
dBm
V1 S2
S3 FC
AA
Start 10 MHz
Stop 2.5 GHz
#Res BW 1 MHz
VBW 1 MHz
Sweep 4.15 ms (401 pts)
Freq/Channel
Center Freq
1.25500000 GHz
Start Freq
10.0000000 MHz
Stop Freq
2.50000000 GHz
CF Step
249.000000 MHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Scale Type
Log
Lin

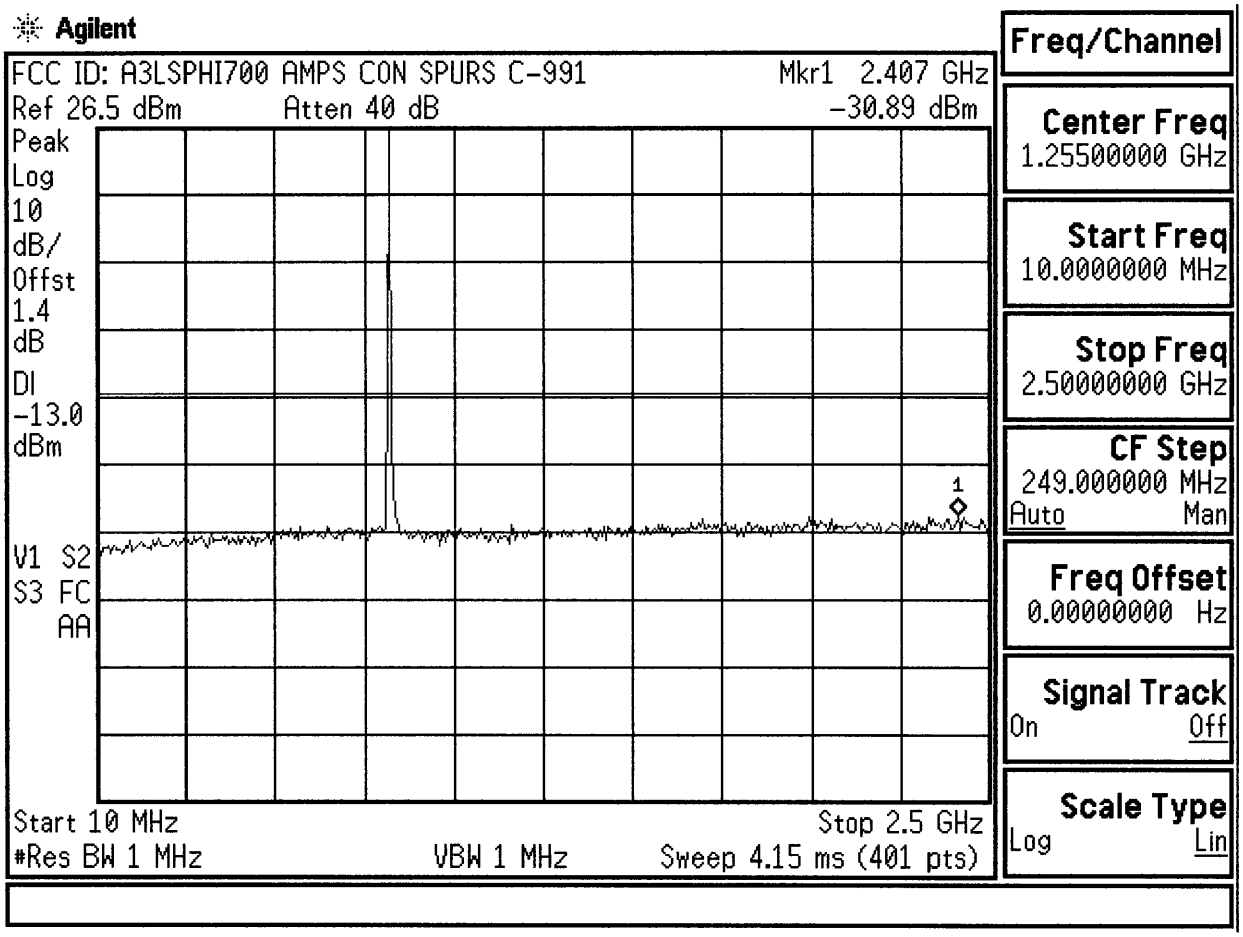

Agilent
FCC ID: A3LSPHI700 CDMA CON SPURS C-1013
Mkr1 7.99 GHz
Ref 26 dBm
Atten 35 dB
-34.63 dBm
Peak
Log
10
dB/
Offst
1.4
dB
Dl
-13.0
dBm
V1 S2
S3 FC
AA
Start 2.5 GHz
Stop 10 GHz
#Res BW 1 MHz
VBW 1 MHz
Sweep 18.75 ms (401 pts)
Freq/Channel
Center Freq
6.25000000 GHz
Start Freq
2.50000000 GHz
Stop Freq
10.0000000 GHz
CF Step
750.000000 MHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Scale Type
Log
Lin

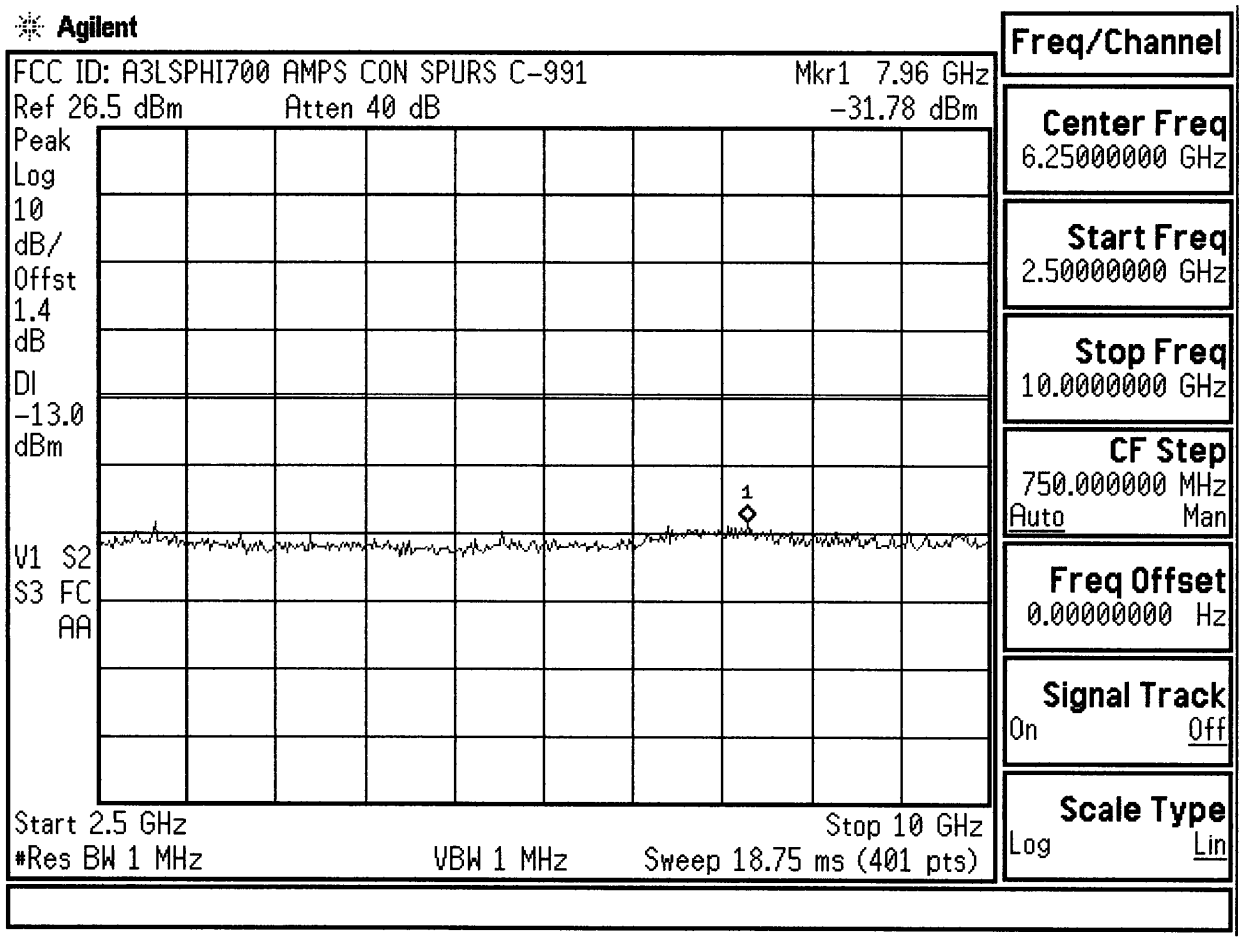

Agilent
FCC ID: A3LSPHI700 AMPS CON SPURS C-799
Mkr1 2.220 GHz
Ref 26.5 dBm
Atten 40 dB
-30.63 dBm
Peak
Log
10
dB/
Offst
1.4
dB
Dl
-13.0
dBm
1
V1 S2
S3 FC
AA
Start 10 MHz
Stop 2.5 GHz
#Res BW 1 MHz
VBW 1 MHz
Sweep 4.15 ms (401 pts)
Freq/Channel
Center Freq
1.25500000 GHz
Start Freq
10.0000000 MHz
Stop Freq
2.50000000 GHz
CF Step
249.000000 MHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Scale Type
Log
Lin


Agilent
FCC ID: A3LSPHI700 AMPS CON SPURS C-799
Mkr1 7.66 GHz
Ref 26.5 dBm
Atten 40 dB
-32.02 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
Scale Type
Log
Lin


Agilent
FCC ID: A3LSPHI700 AMPS CON SPURS C-383
Mkr1 608 MHz
Ref 26.5 dBm
Atten 40 dB
-31.52 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 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
Scale Type
Log
Lin


Agilent
FCC ID: A3LSPHI700 AMPS CON SPURS C-383
Mkr1 7.49 GHz
Ref 26.5 dBm
Atten 40 dB
-31.73 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
Scale Type
Log
Lin


Agilent
FCC ID: A3LSPHI700 AMPS CON SPURS C-991
Mkr1 2.407 GHz
Ref 26.5 dBm
Atten 40 dB
-30.89 dBm
Peak
Log
10
dB/
Offst
1.4
dB
DI
-13.0
dBm
1
V1 S2
S3 FC
AA
Start 10 MHz
Stop 2.5 GHz
#Res BW 1 MHz
VBW 1 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
Scale Type
Log
Lin

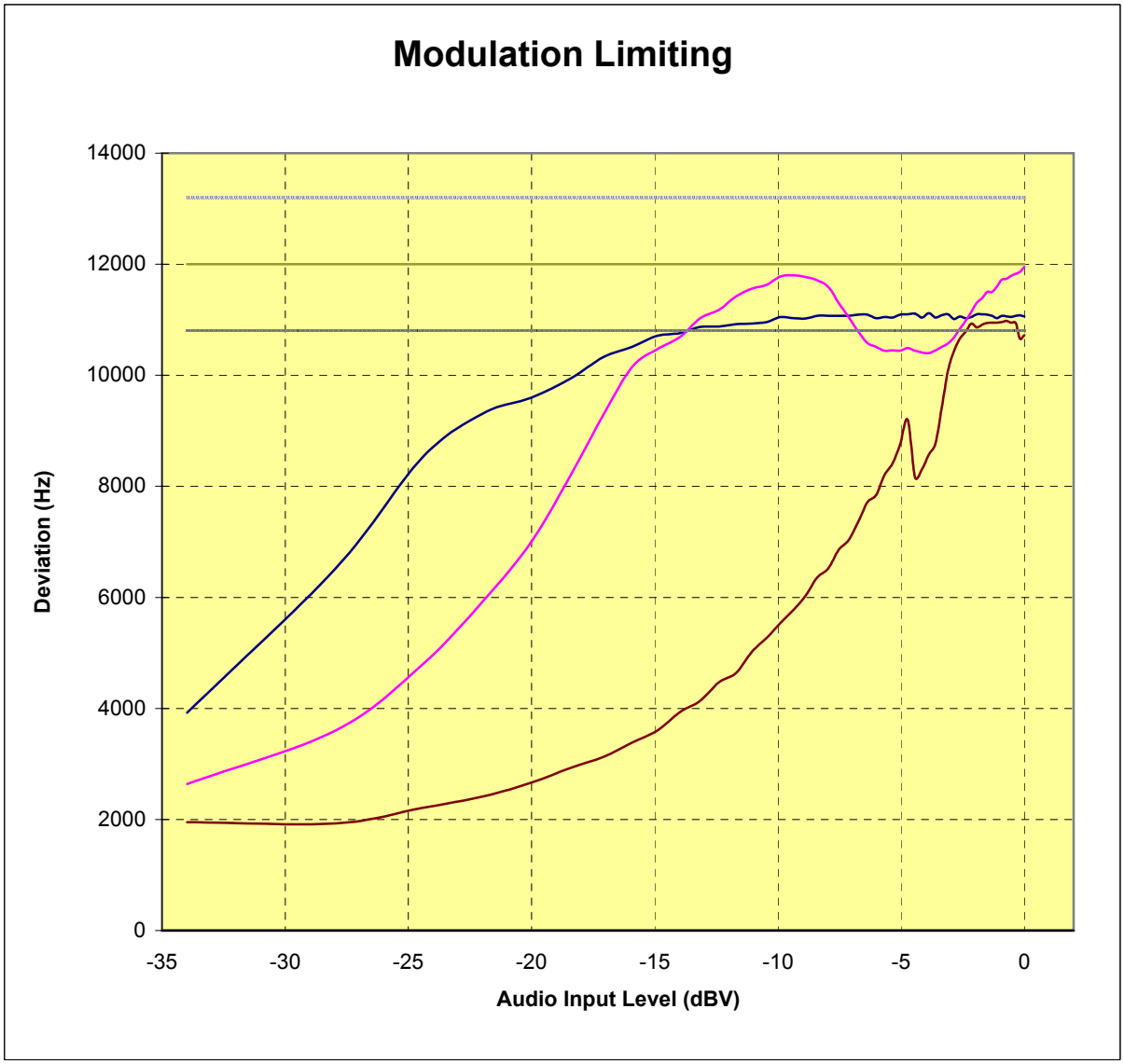

Agilent
FCC ID: A3LSPHI700 AMPS CON SPURS C-991
Mkr1 7.96 GHz
Ref 26.5 dBm
Atten 40 dB
-31.78 dBm
Peak
Log
10
dB/
Offst
1.4
dB
DI
-13.0
dBm
1
V1 S2
S3 FC
AA
Start 2.5 GHz
Stop 10 GHz
#Res BW 1 MHz
VBW 1 MHz
Sweep 18.75 ms (401 pts)
Freq/Channel
Center Freq
6.25000000 GHz
Start Freq
2.50000000 GHz
Stop Freq
10.0000000 GHz
CF Step
750.000000 MHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Scale Type
Log
Lin

SUBJECT: Modulation Characteristics
FCC Part 24/22

Test Report No.: 22/24.220718371.A3L
Test Date: 07.18.2002

EUT: SAMSUNG Tri-Mode Dual-Band Analog/PCS PDA Phone (AMPS/CDMA)
Model: *SPH-i700*
FCC ID: **A3LSPHI700**

REFERENCE: 1 kHz = 0 dB



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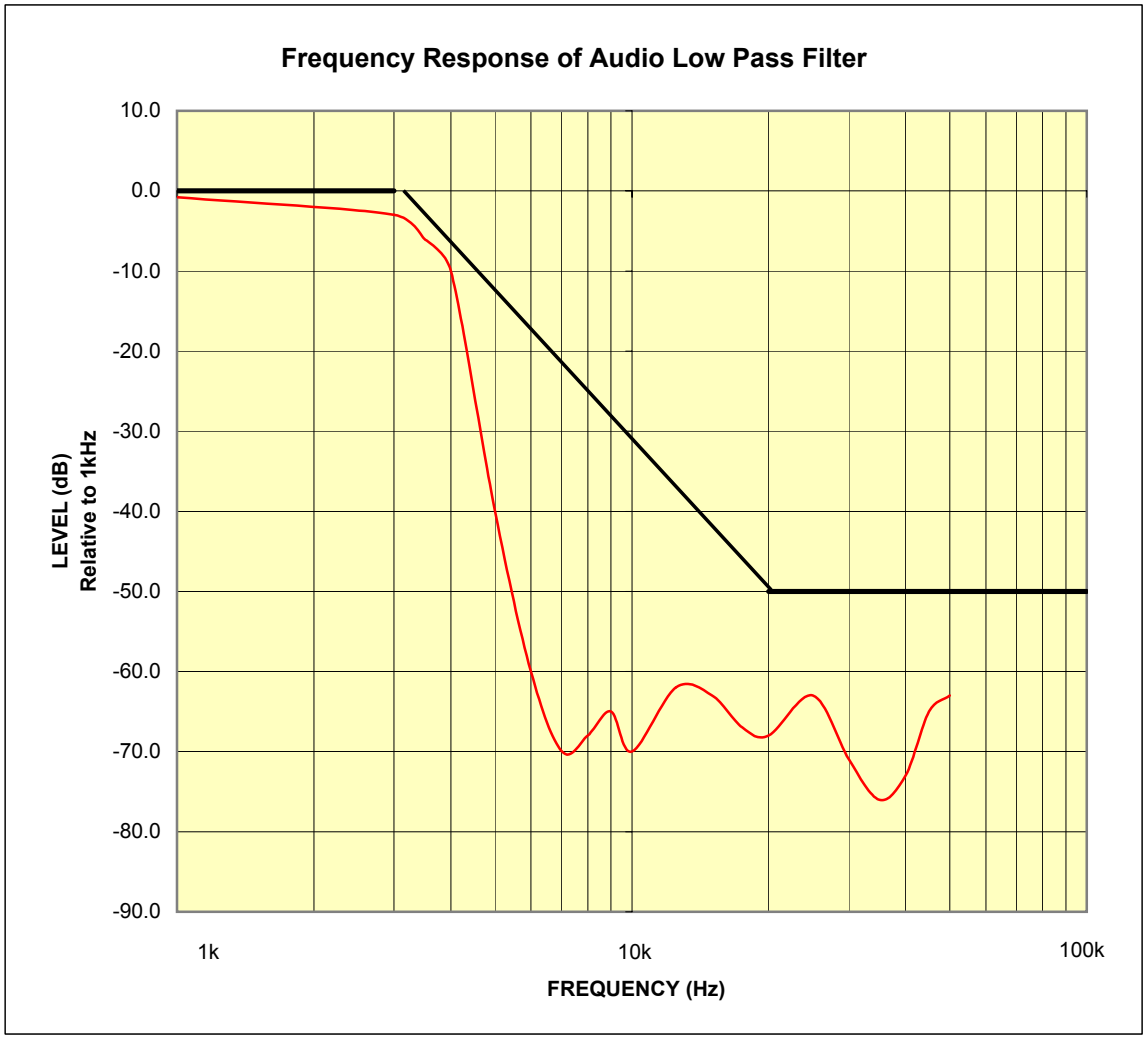

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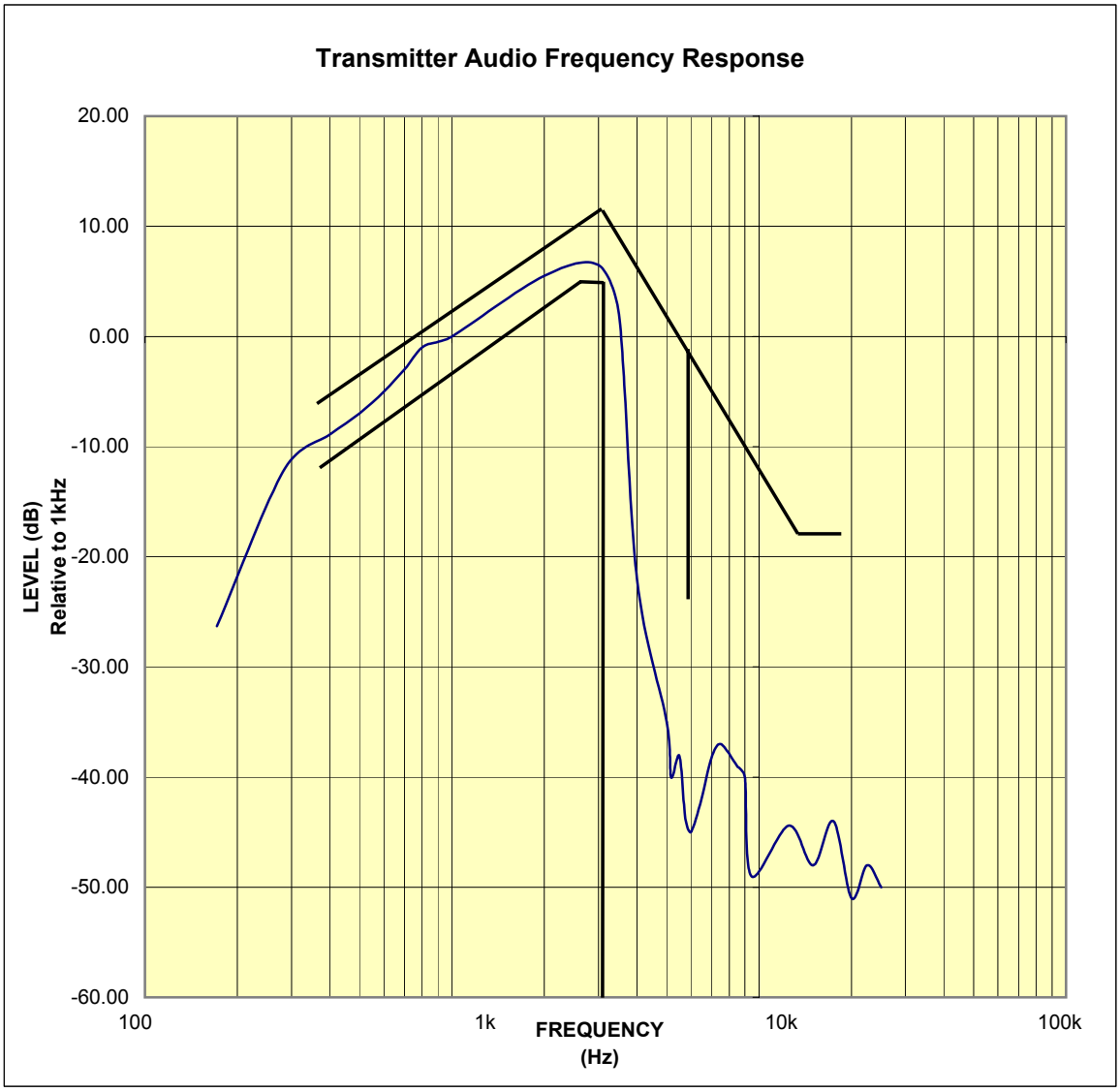
REFERENCE: 1 kHz = 0 dB