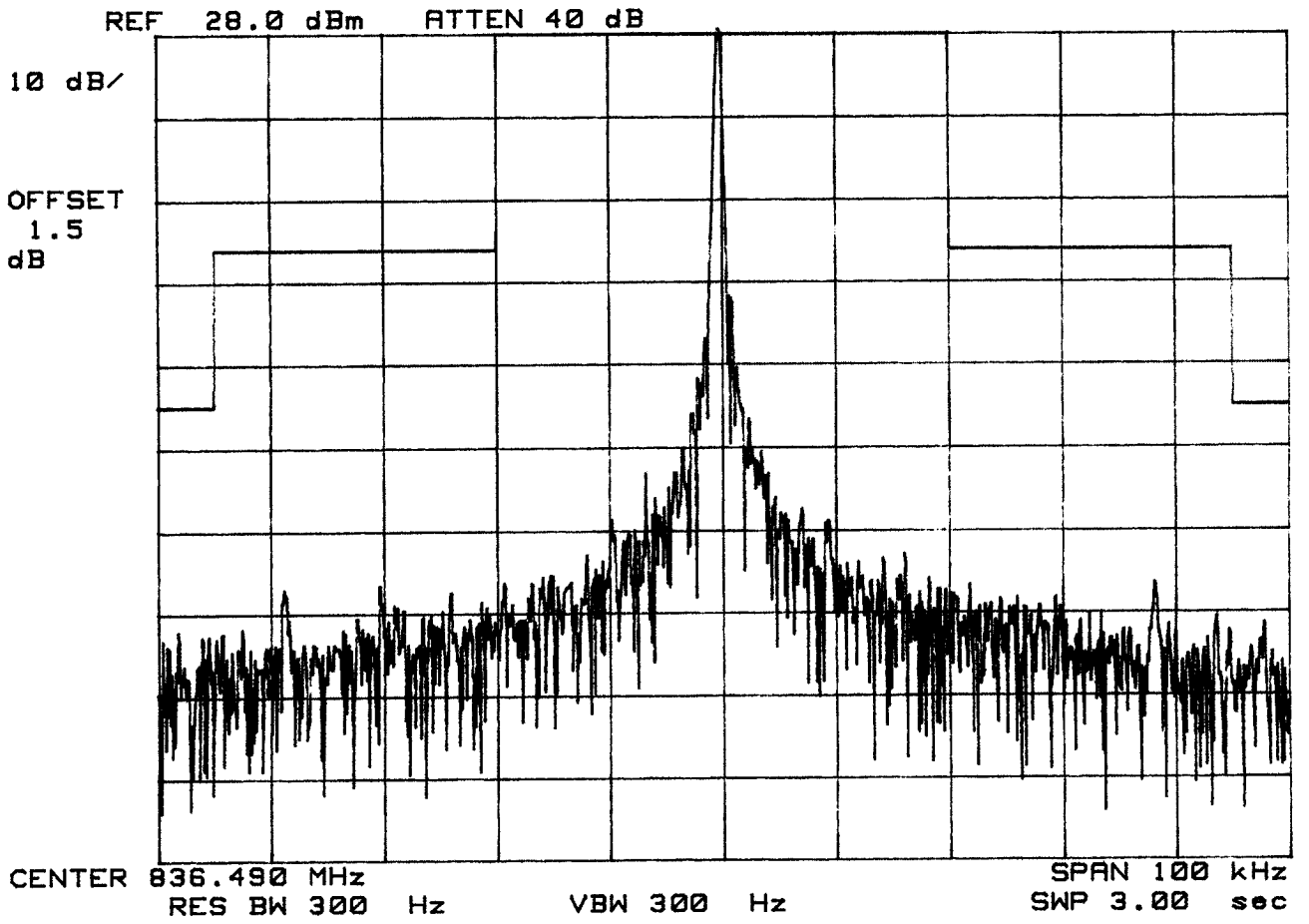
PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:CKLHGC-300E
HYUNDAI DUAL MODE PHONE
FM MODE
CHAN 383
Operating Frequency: 836.490 MHz
Output Power : 28.0 dBm

Test Mode:Unmodulated Signal

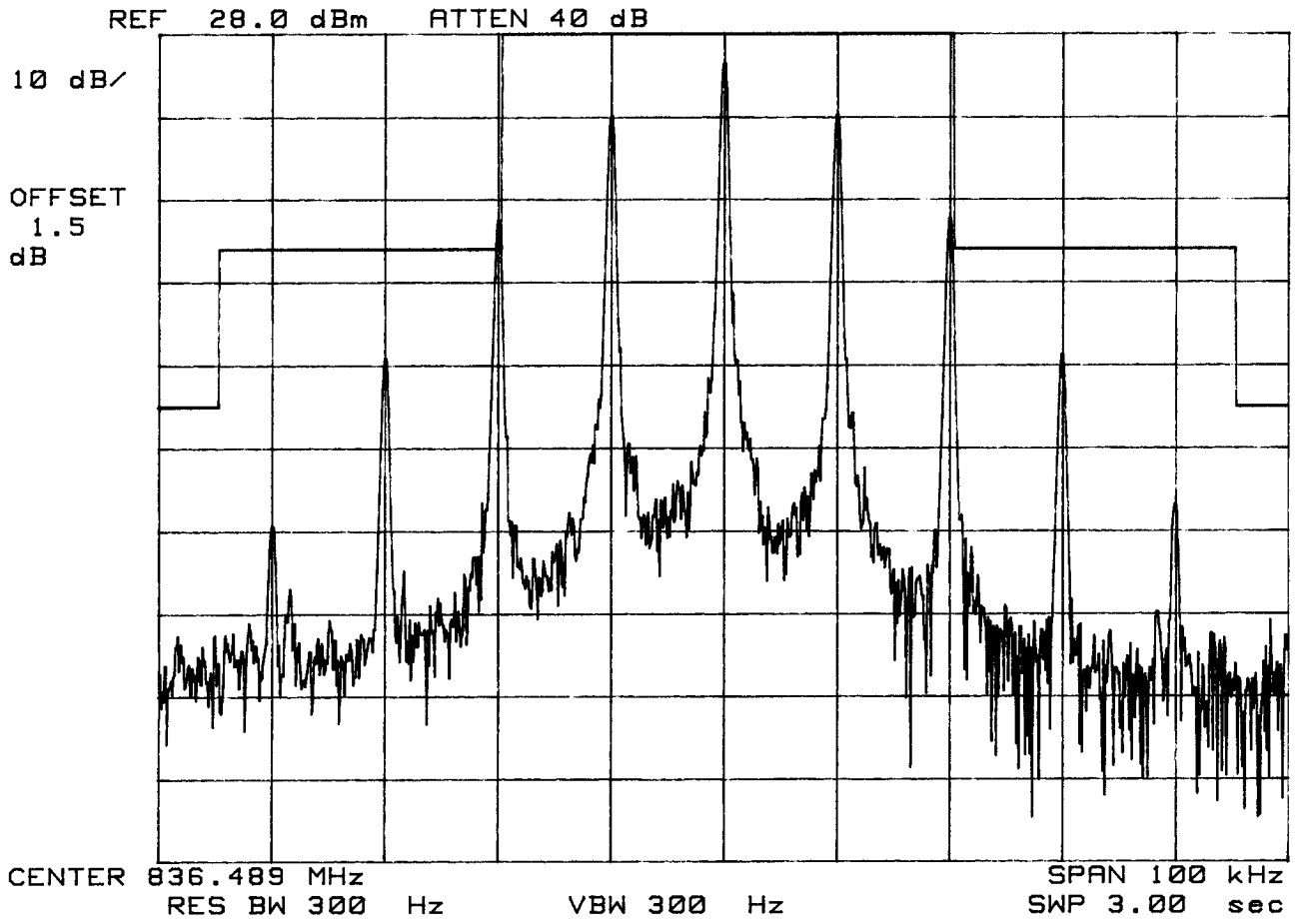


PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:CKLHGC-300E
HYUNDAI DUAL MODE PHONE
FM MODE
CHAN 383
Operating Frequency: 836.490 MHz
Output Power : 28.0 dBm

Test Mode:ST

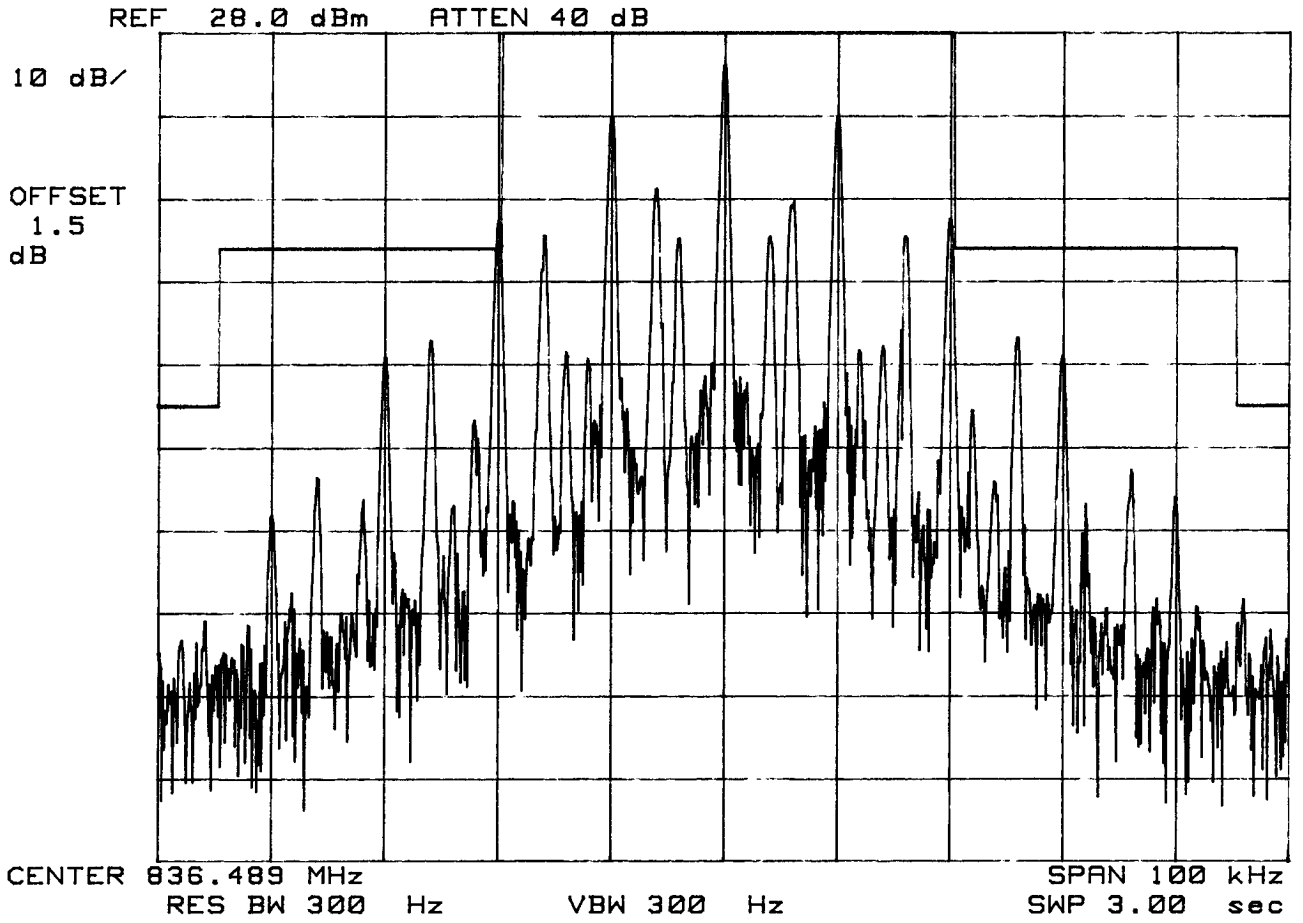


PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:CKLHGC-300E
HYUNDAI DUAL MODE PHONE
FM MODE
CHAN 383
Operating Frequency: 836.490 MHz
Output Power : 28.0 dBm

Test Mode:SAT + ST

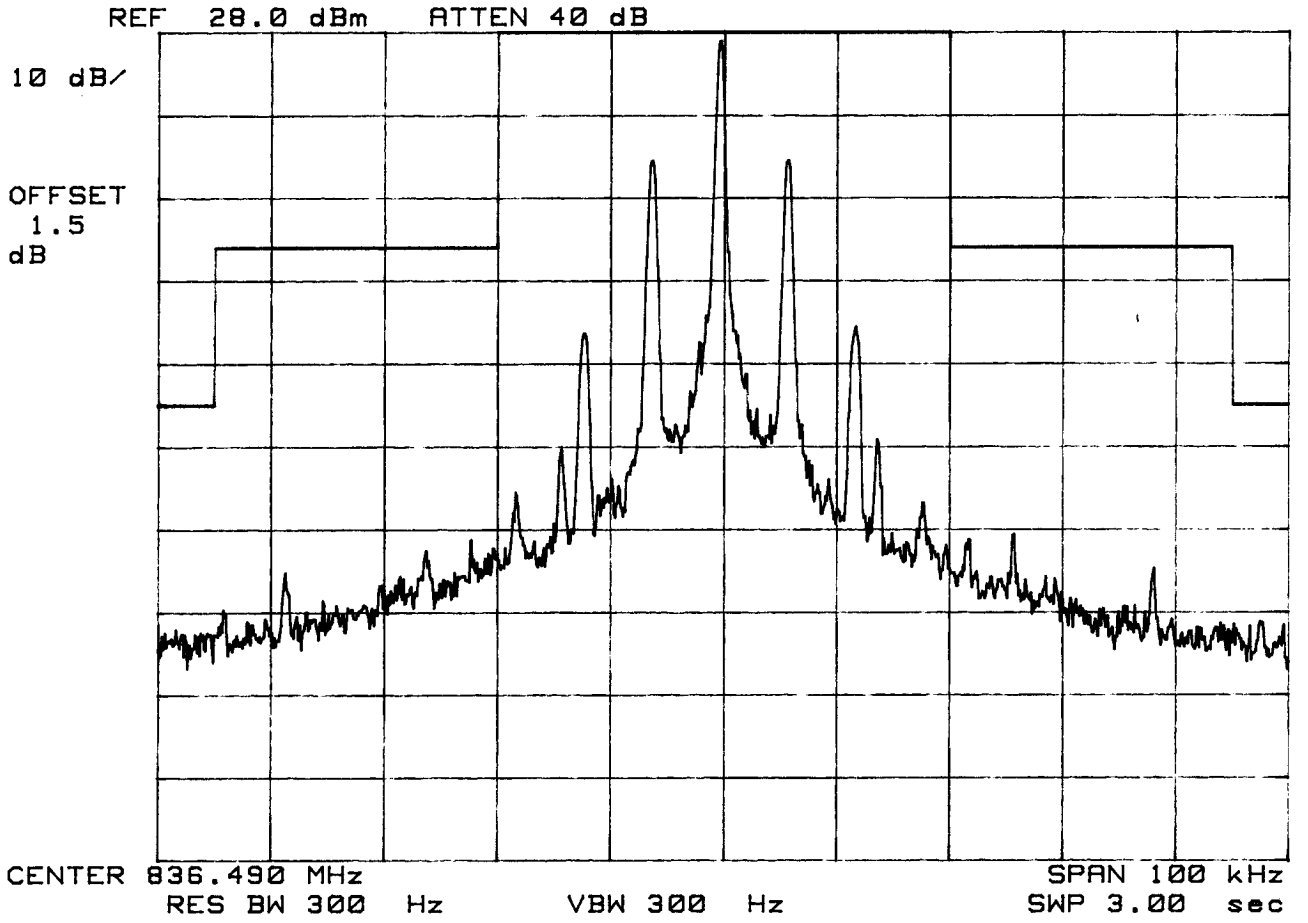


PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:CKLHGC-300E
HYUNDAI DUAL MODE PHONE
FM MODE
CHAN 383
Operating Frequency: 836.490 MHz
Output Power : 28.0 dBm

Test Mode:SAT

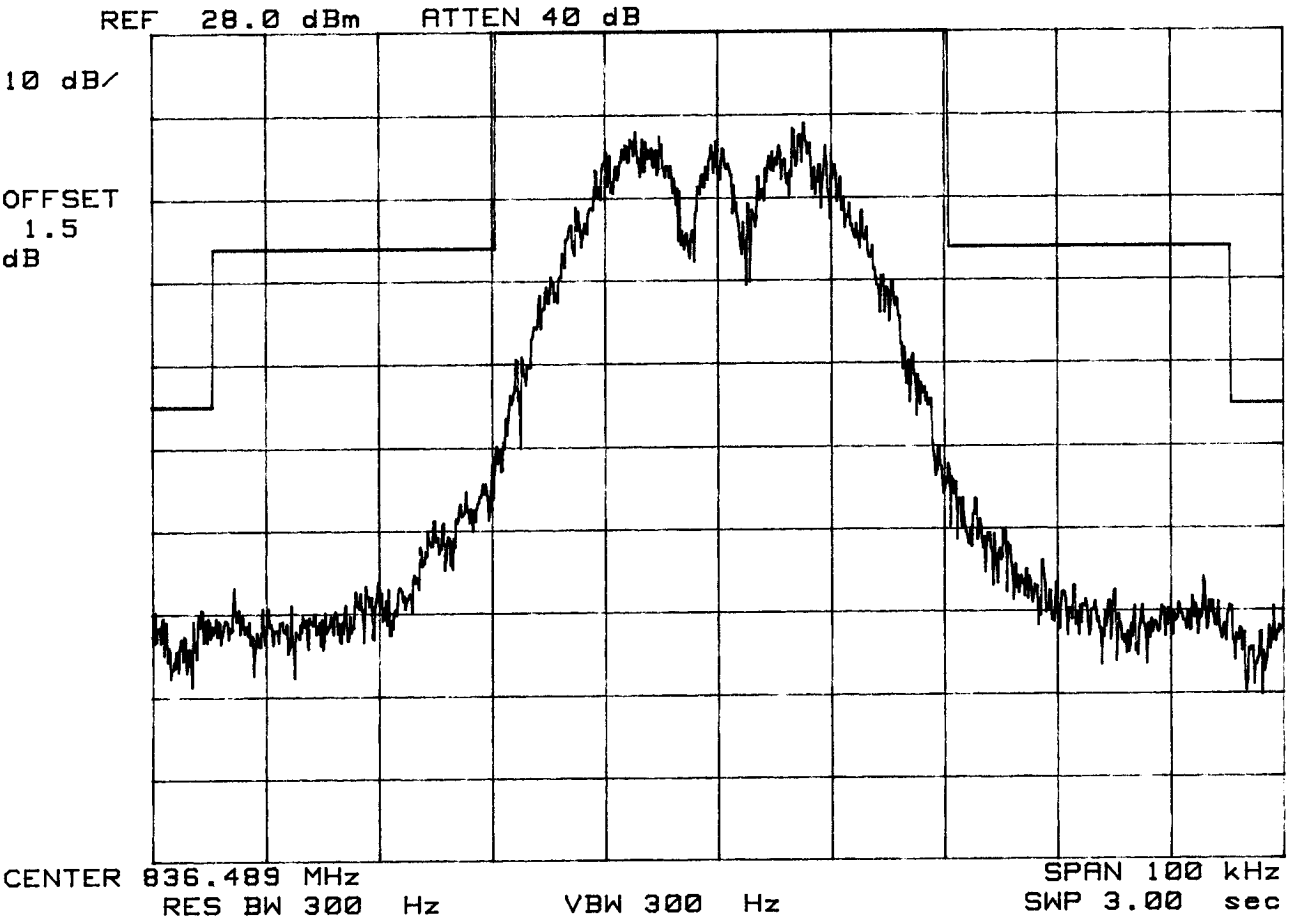


PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:CKLHGC-300E
HYUNDAI DUAL MODE PHONE
FM MODE
CHAN 383
Operating Frequency: 836.490 MHz
Output Power : 28.0 dBm

Test Mode:Voice

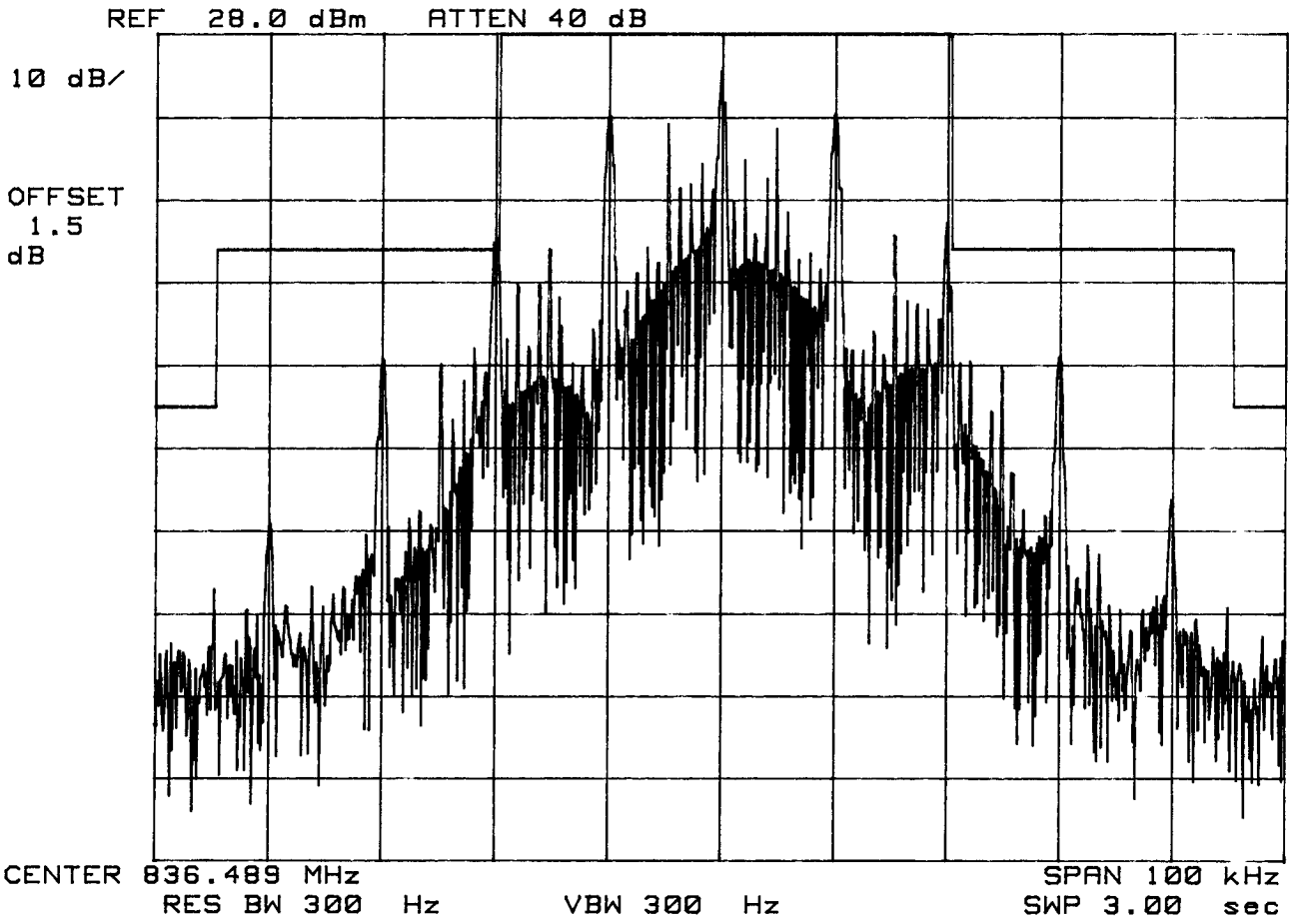


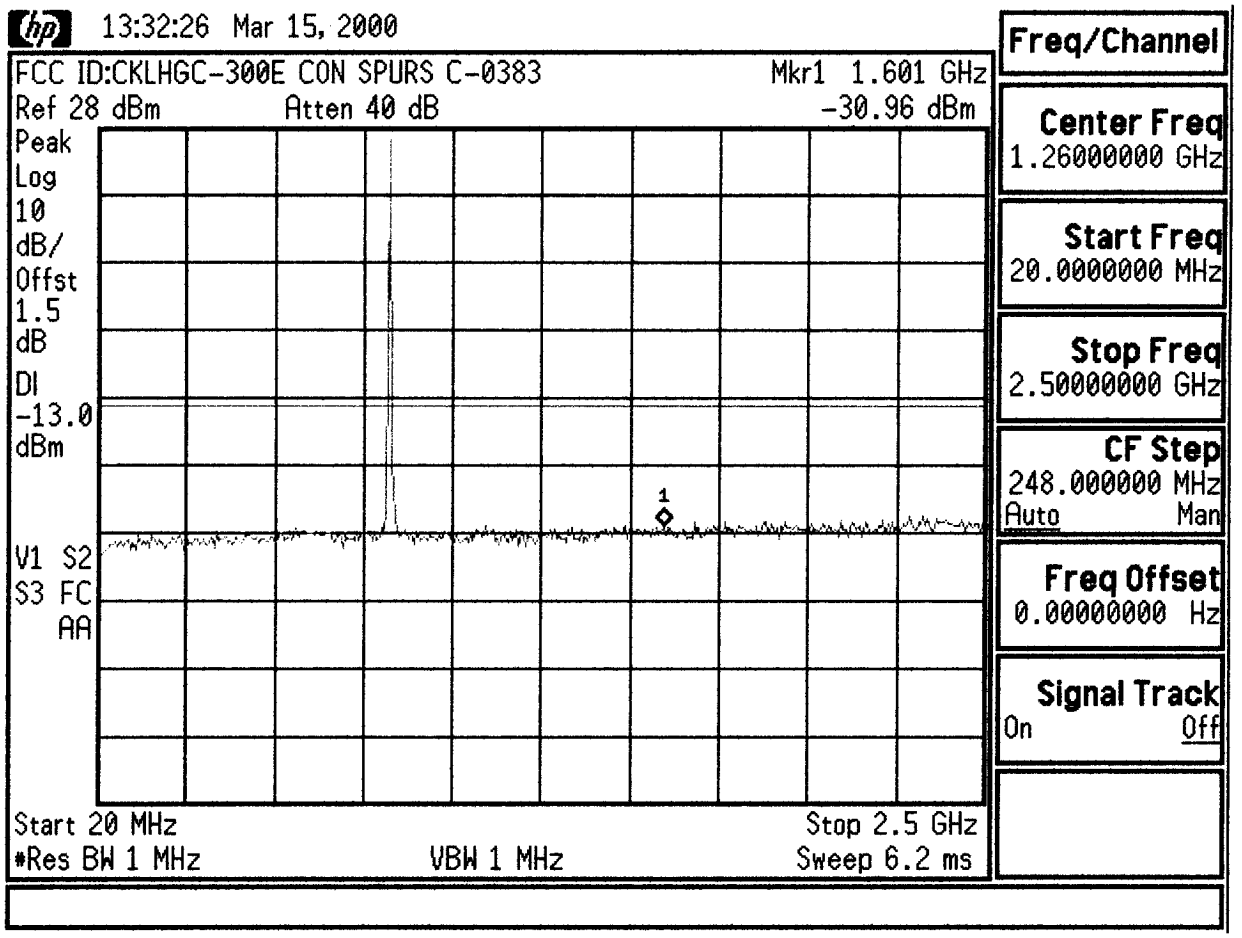
PCTEST Engineering Lab.

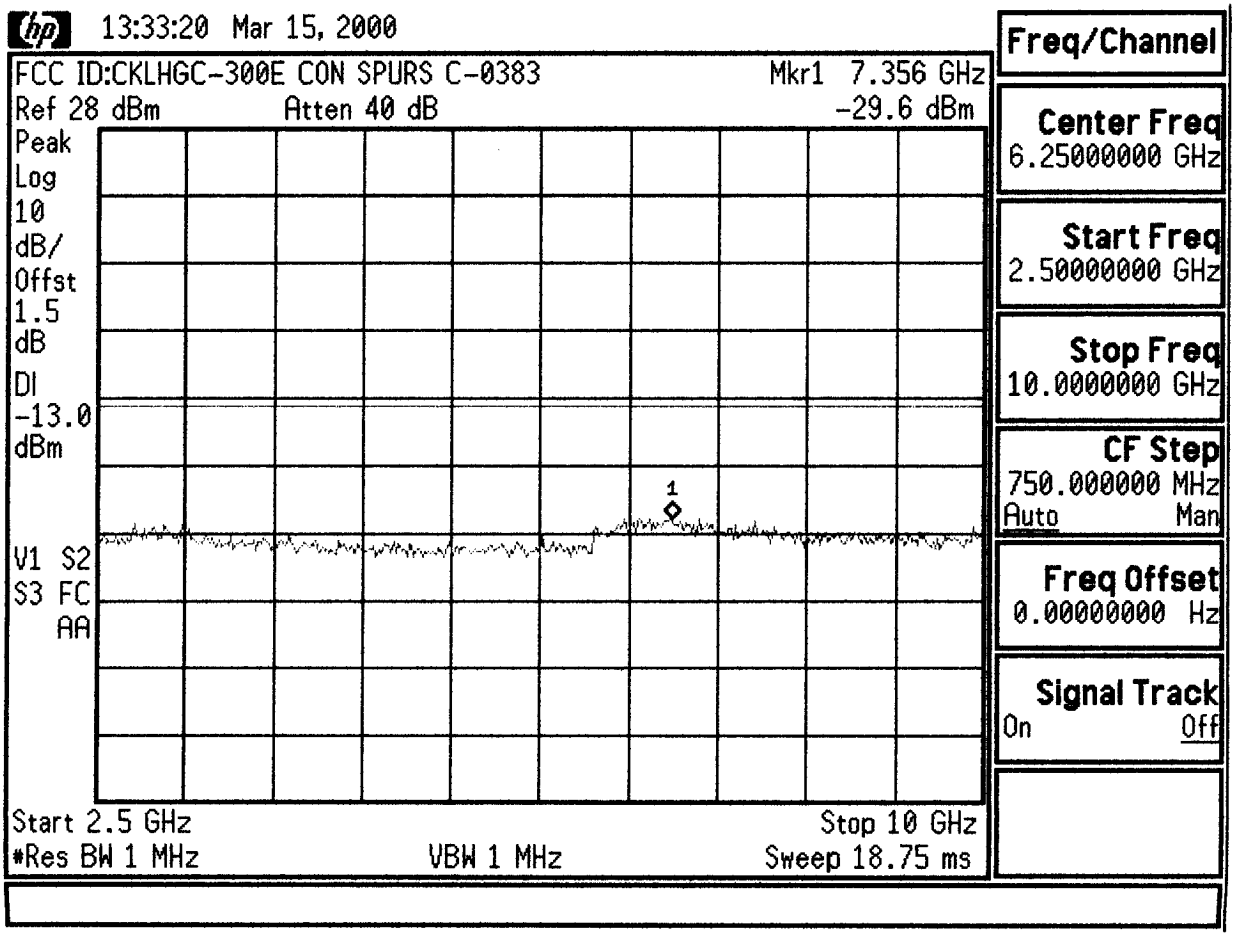
SPECTRUM ANALYZER PRESENTATION

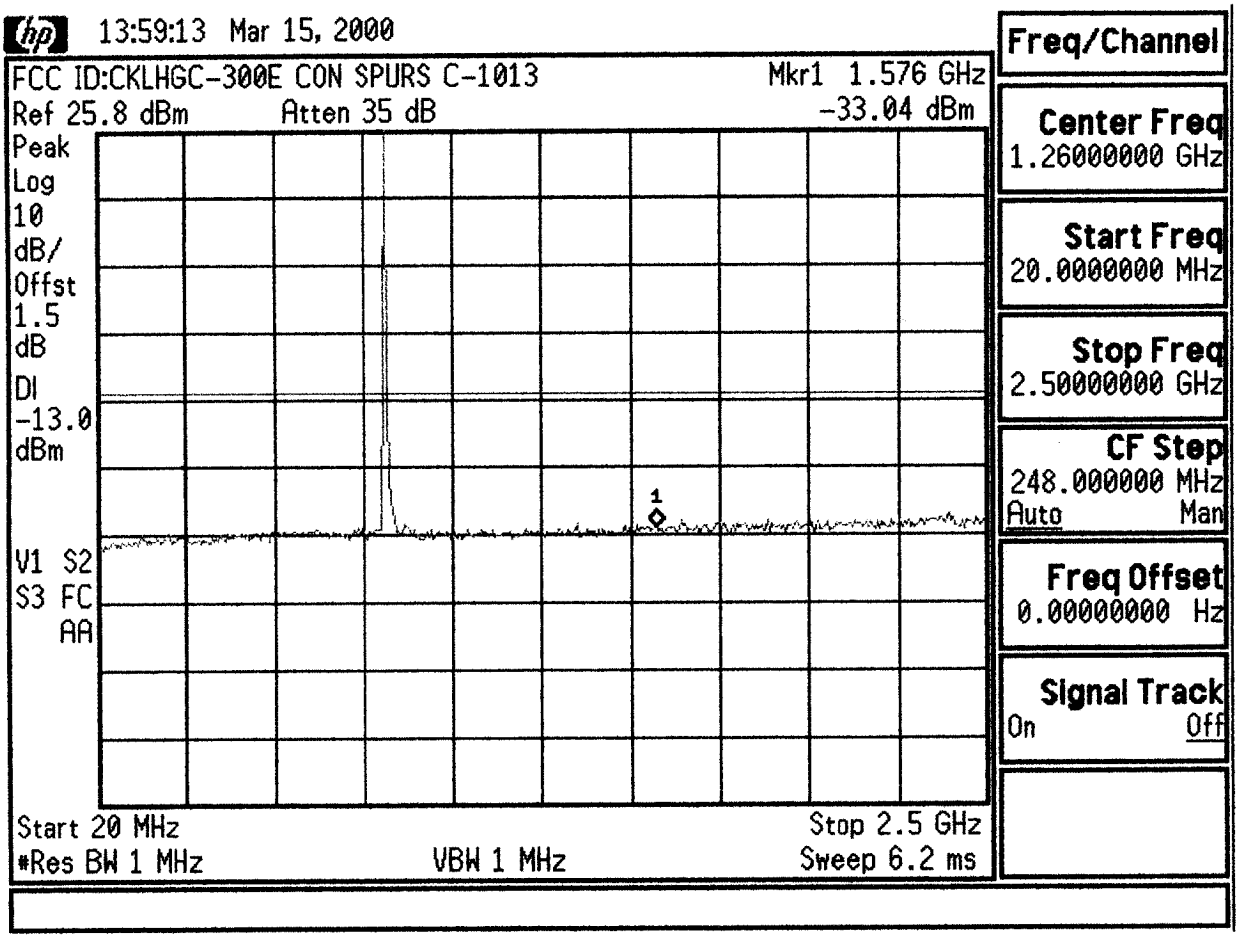
FCC ID:CKLHGC-300E
HYUNDAI DUAL MODE PHONE
FM MODE
CHAN 383
Operating Frequency: 836.490 MHz
Output Power : 28.0 dBm

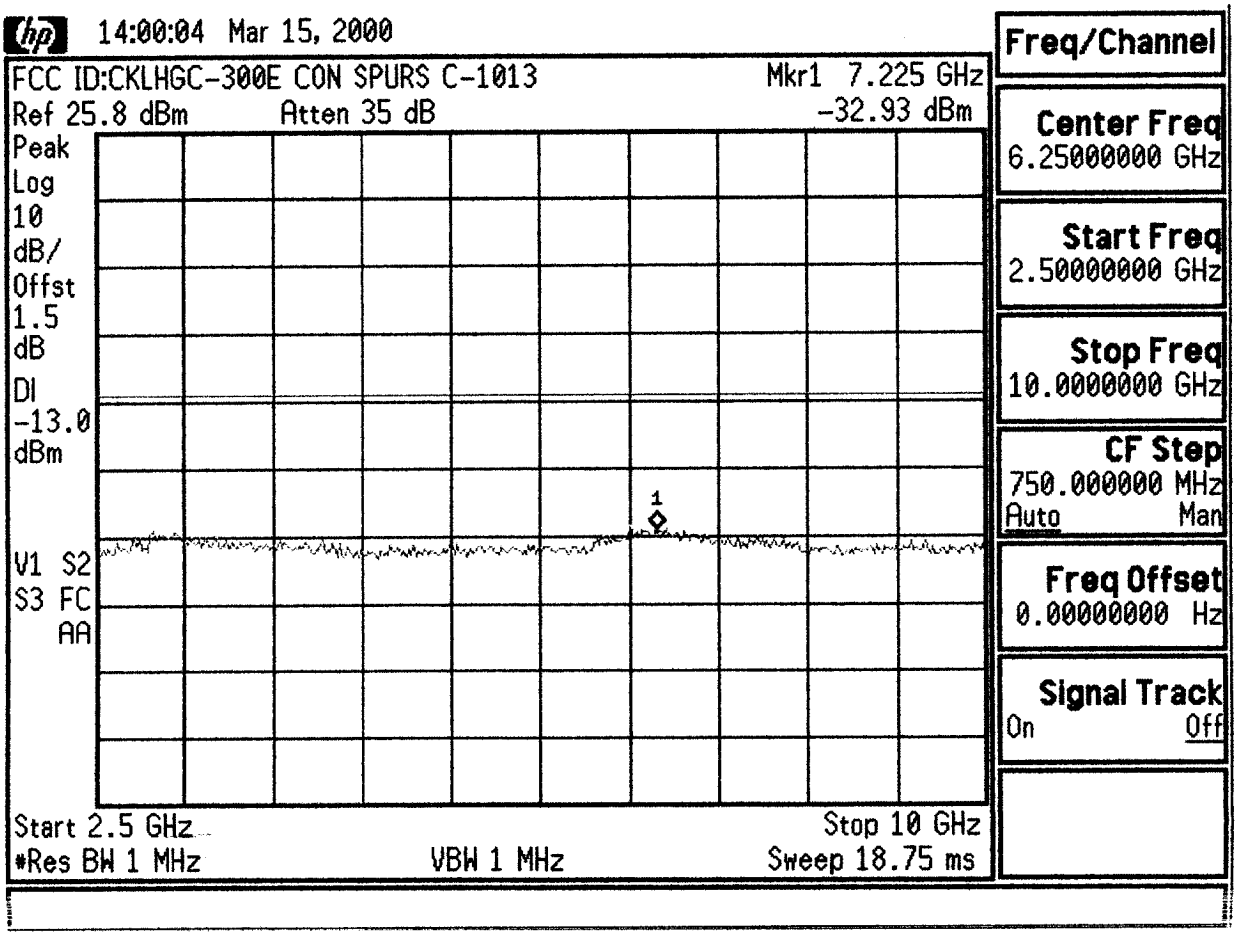
Test Mode:Wide Band Data

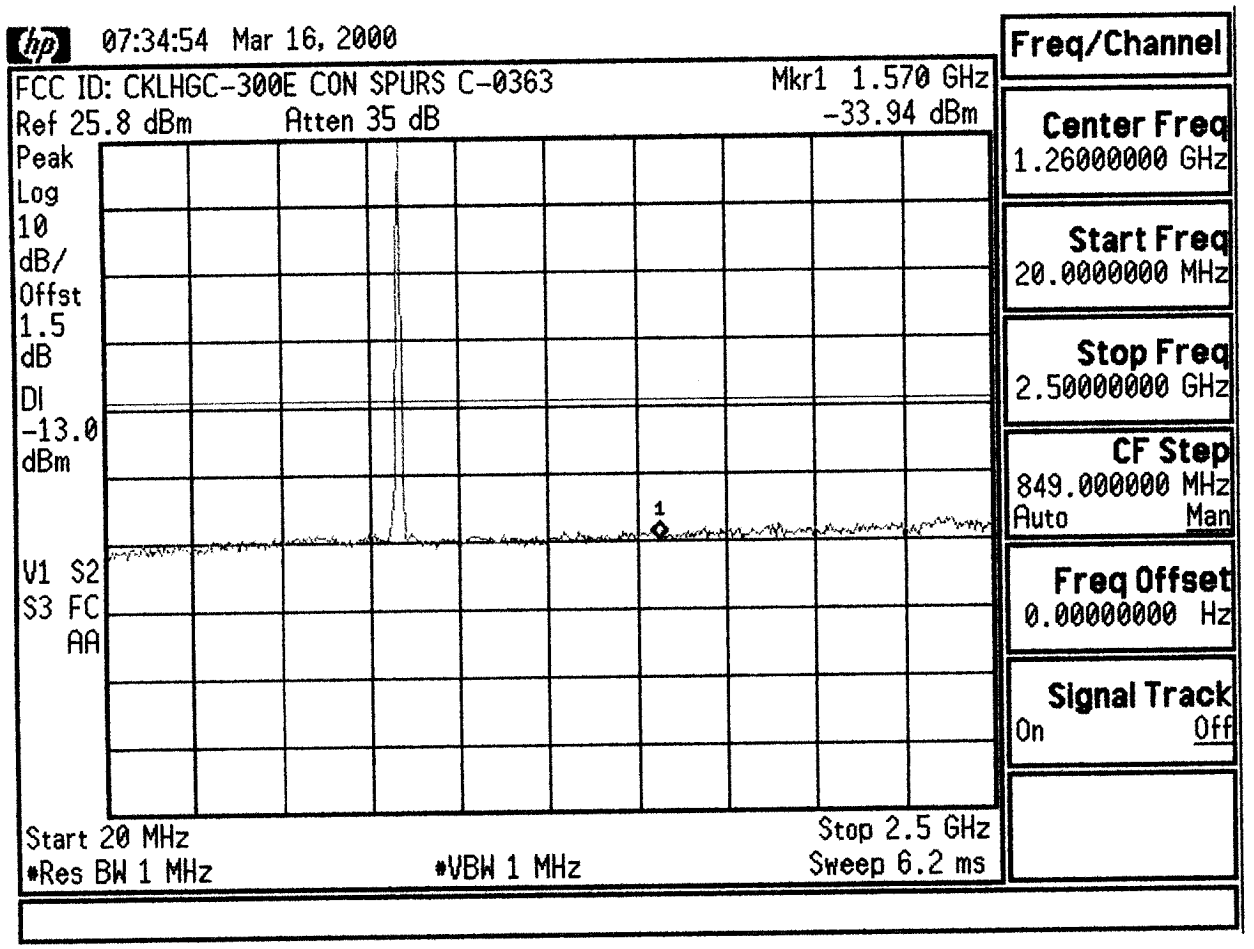


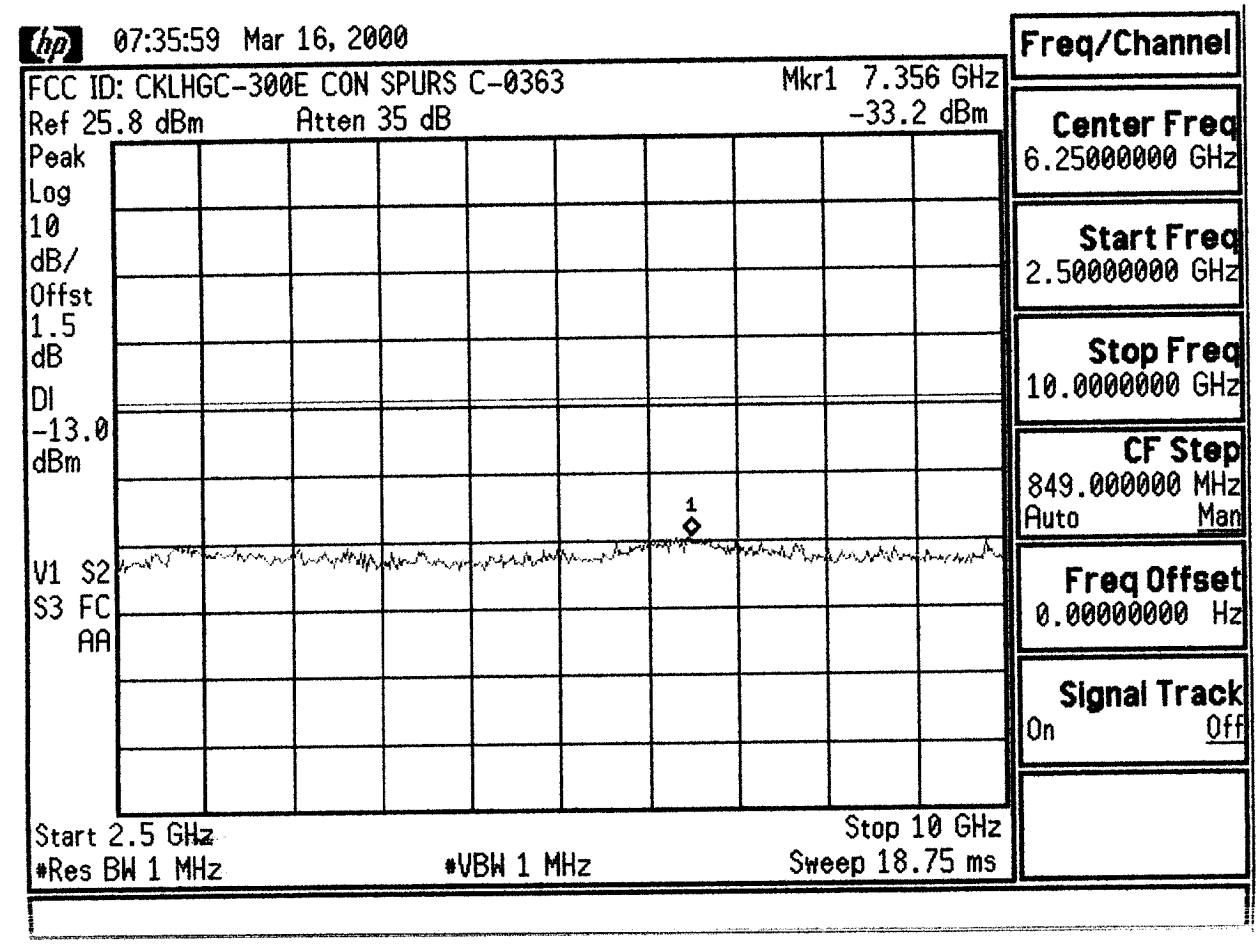

13:32:26 Mar 15, 2000
FCC ID:CKLHGC-300E CON SPURS C-0383
Mkr1 1.601 GHz
Ref 28 dBm
Atten 40 dB
-30.96 dBm
Peak
Log
10
dB/
Offst
1.5
dB
Dl
-13.0
dBm
V1 S2
S3 FC
AA
Start 20 MHz
#Res BW 1 MHz
VBW 1 MHz
Stop 2.5 GHz
Sweep 6.2 ms
Freq/Channel
Center Freq
1.26000000 GHz
Start Freq
20.0000000 MHz
Stop Freq
2.50000000 GHz
CF Step
248.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off

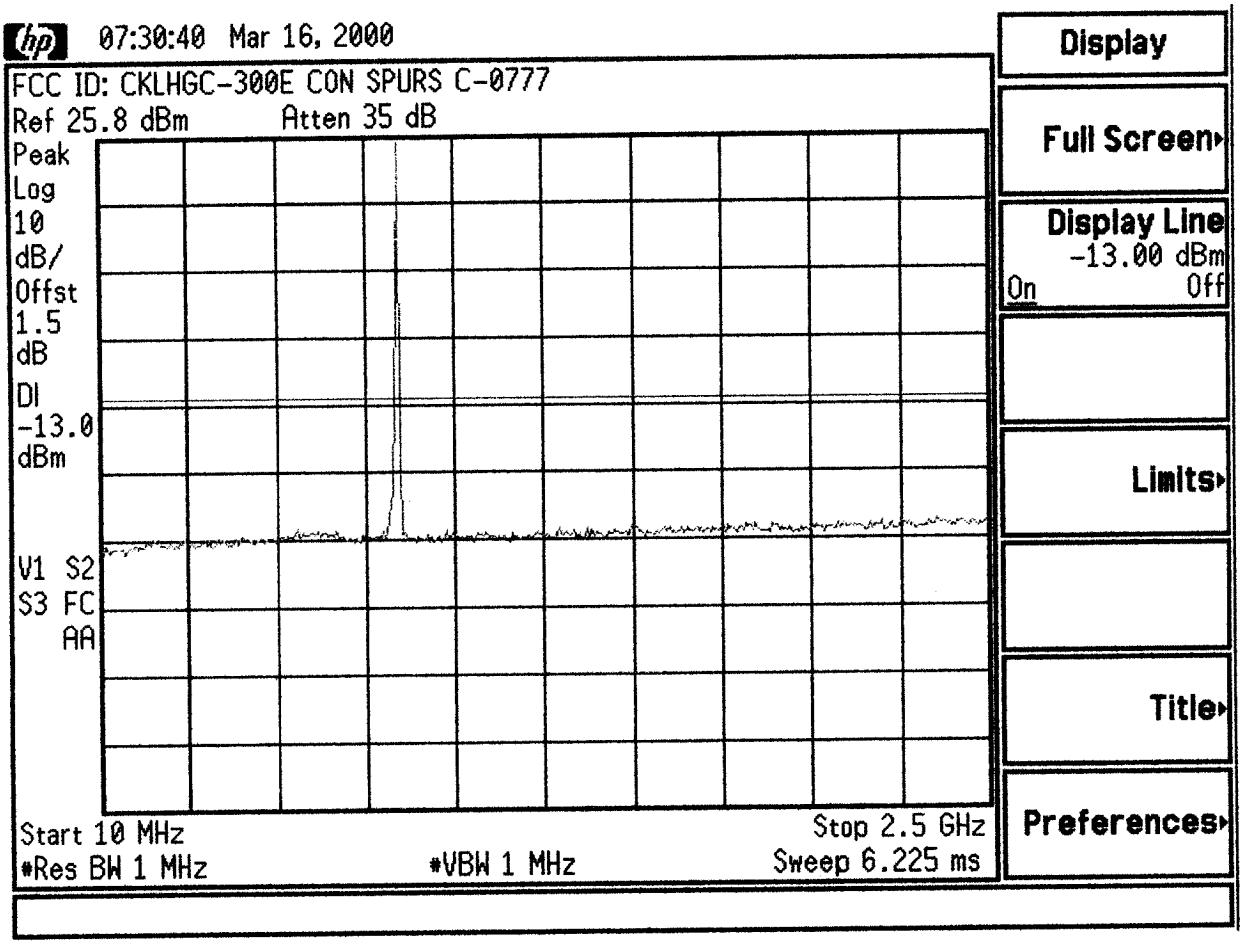

13:33:20 Mar 15, 2000
FCC ID:CKLHGC-300E CON SPURS C-0383
Mkr1 7.356 GHz
Ref 28 dBm
Atten 40 dB
-29.6 dBm
Peak
Log
10
dB/
Offst
1.5
dB
Dl
-13.0
dBm
V1 S2
S3 FC
AA
Start 2.5 GHz
#Res BW 1 MHz
VBW 1 MHz
Stop 10 GHz
Sweep 18.75 ms
Freq/Channel
Center Freq
6.25000000 GHz
Start Freq
2.50000000 GHz
Stop Freq
10.0000000 GHz
CF Step
750.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off

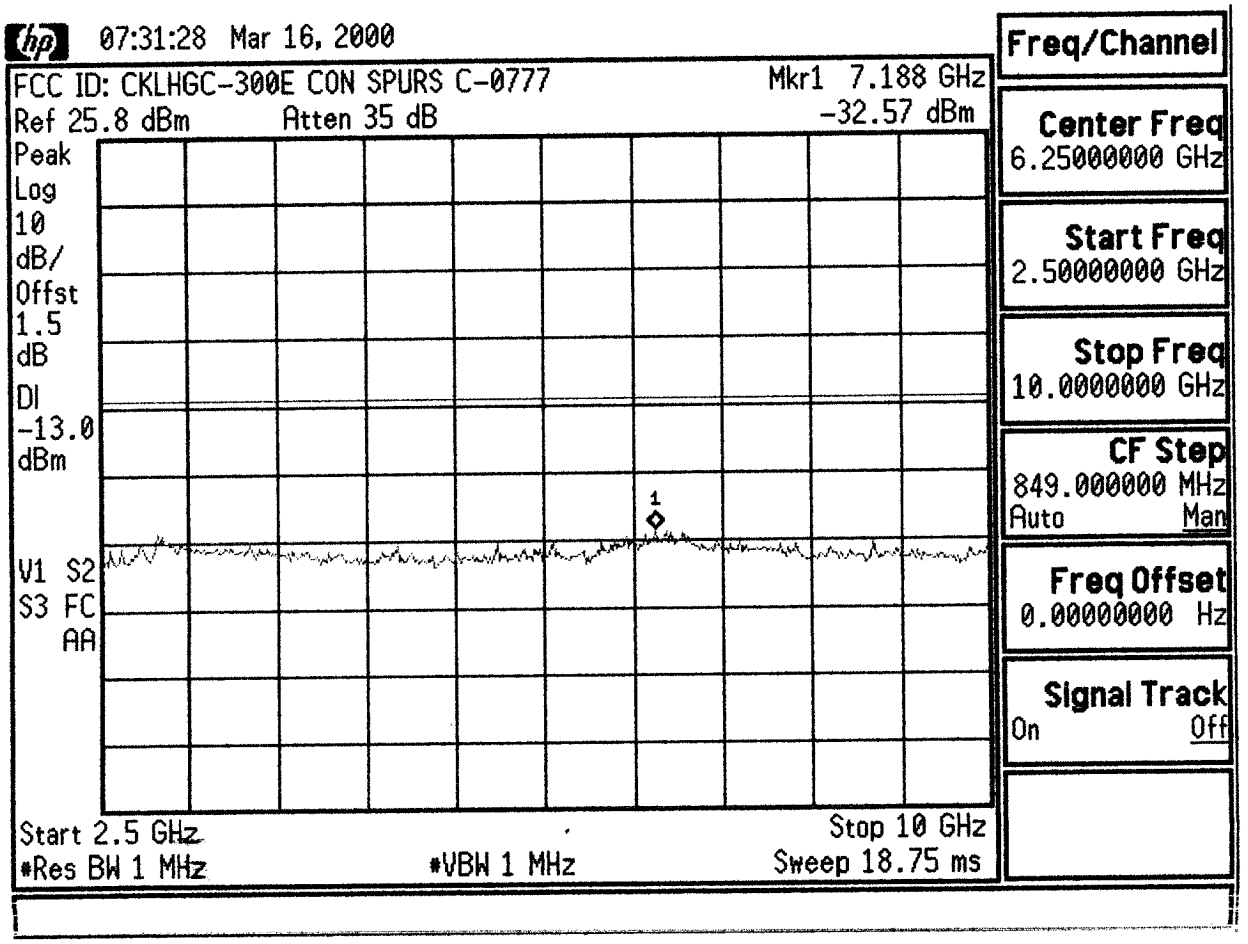

13:59:13 Mar 15, 2000
FCC ID:CKLHGC-300E CON SPURS C-1013
Mkr1 1.576 GHz
Ref 25.8 dBm
Atten 35 dB
-33.04 dBm
Peak
Log
10
dB/
Offst
1.5
dB
Dl
-13.0
dBm
V1 S2
S3 FC
AA
Start 20 MHz
#Res BW 1 MHz
VBW 1 MHz
Stop 2.5 GHz
Sweep 6.2 ms
Freq/Channel
Center Freq
1.26000000 GHz
Start Freq
20.0000000 MHz
Stop Freq
2.50000000 GHz
CF Step
248.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off

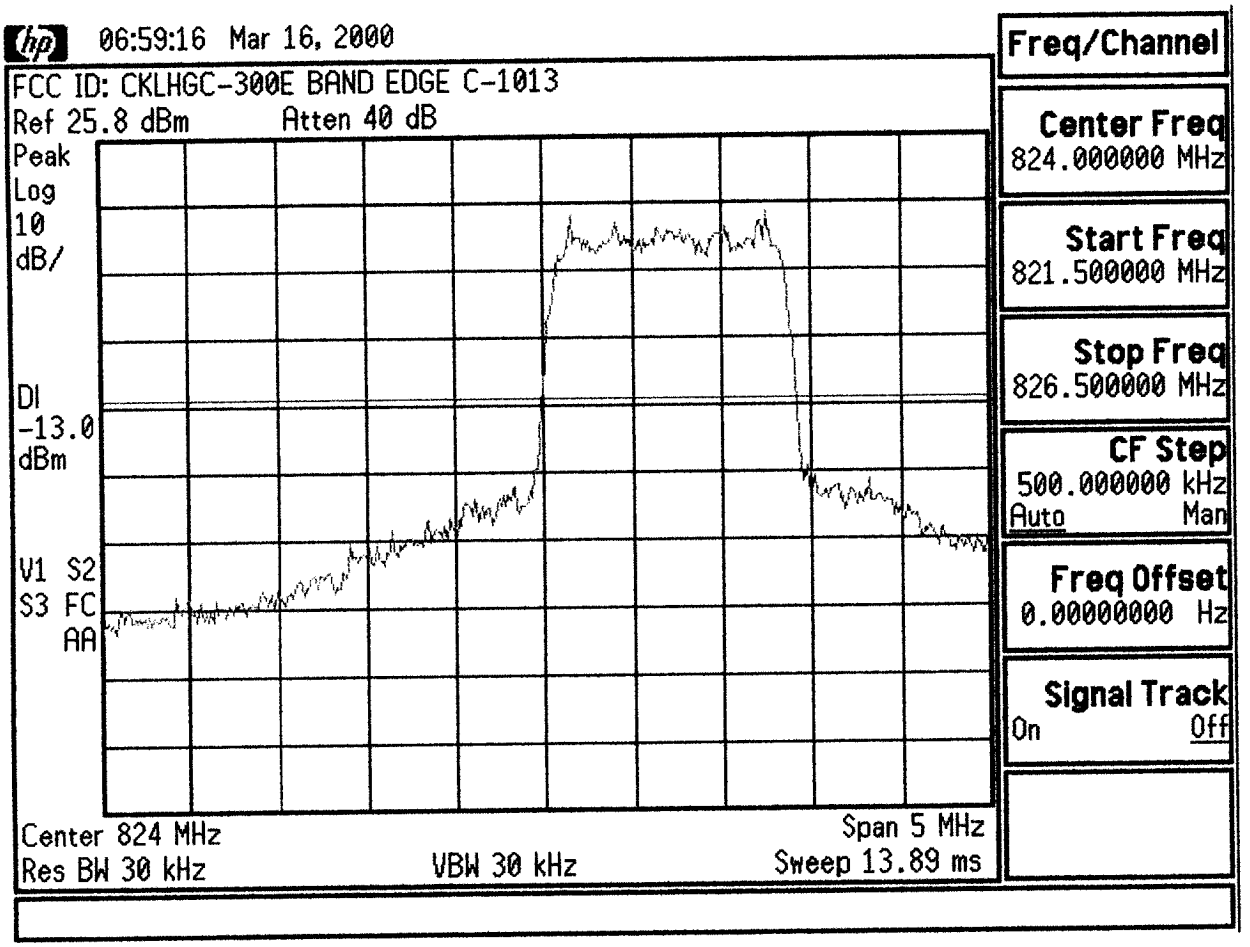

14:00:04 Mar 15, 2000
FCC ID:CKLHGC-300E CON SPURS C-1013
Mkr1 7.225 GHz
Ref 25.8 dBm
Atten 35 dB
-32.93 dBm
Peak
Log
10
dB/
Offst
1.5
dB
Dl
-13.0
dBm
V1 S2
S3 FC
AA
Start 2.5 GHz
#Res BW 1 MHz
VBW 1 MHz
Stop 10 GHz
Sweep 18.75 ms
Freq/Channel
Center Freq
6.25000000 GHz
Start Freq
2.50000000 GHz
Stop Freq
10.0000000 GHz
CF Step
750.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off

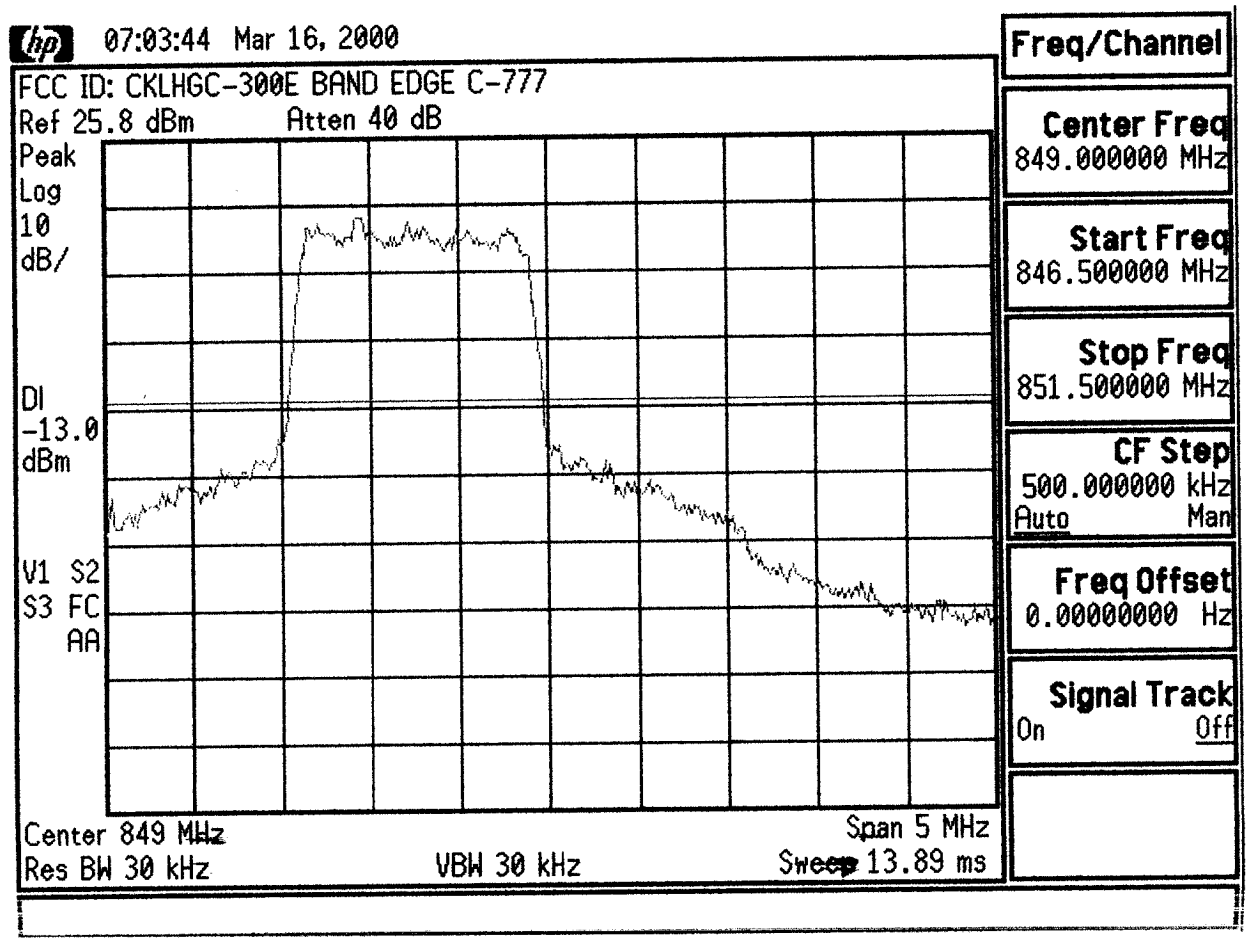

07:34:54 Mar 16, 2000
FCC ID: CKLHGC-300E CON SPURS C-0363
Mkr1 1.570 GHz
-33.94 dBm
Ref 25.8 dBm
Atten 35 dB
Peak
Log
10
dB/
Offst
1.5
dB
Dl
-13.0
dBm
V1 S2
S3 FC
AA
Start 20 MHz
#Res BW 1 MHz
#VBW 1 MHz
Stop 2.5 GHz
Sweep 6.2 ms
Freq/Channel
Center Freq
1.26000000 GHz
Start Freq
20.0000000 MHz
Stop Freq
2.50000000 GHz
CF Step
849.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off

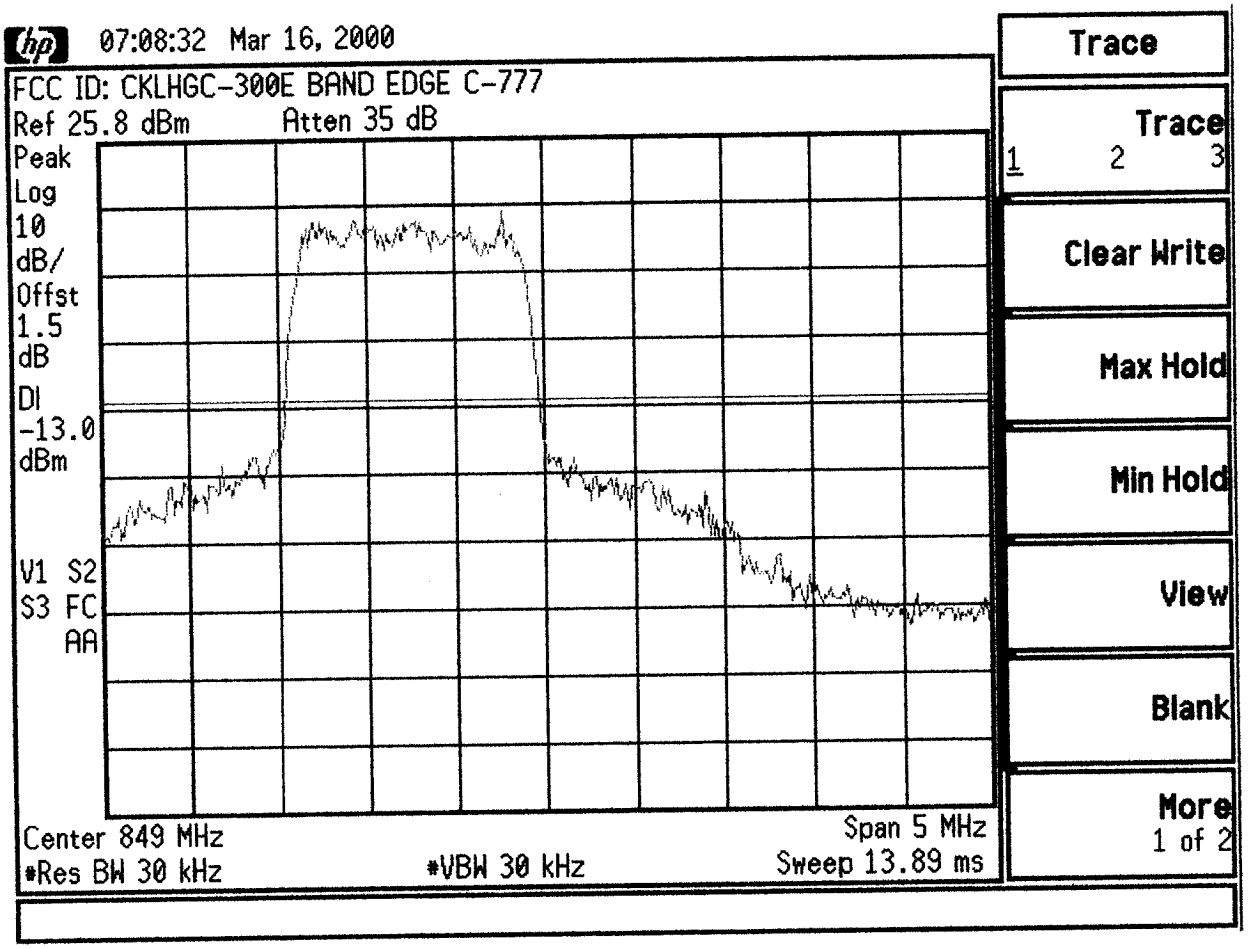

07:35:59 Mar 16, 2000
FCC ID: CKLHGC-300E CON SPURS C-0363
Mkr1 7.356 GHz
-33.2 dBm
Ref 25.8 dBm
Atten 35 dB
Peak
Log
10
dB/
Offst
1.5
dB
Dl
-13.0
dBm
V1 S2
S3 FC
AA
Start 2.5 GHz
#Res BW 1 MHz
#VBW 1 MHz
Stop 10 GHz
Sweep 18.75 ms
Freq/Channel
Center Freq
6.25000000 GHz
Start Freq
2.50000000 GHz
Stop Freq
10.0000000 GHz
CF Step
849.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off

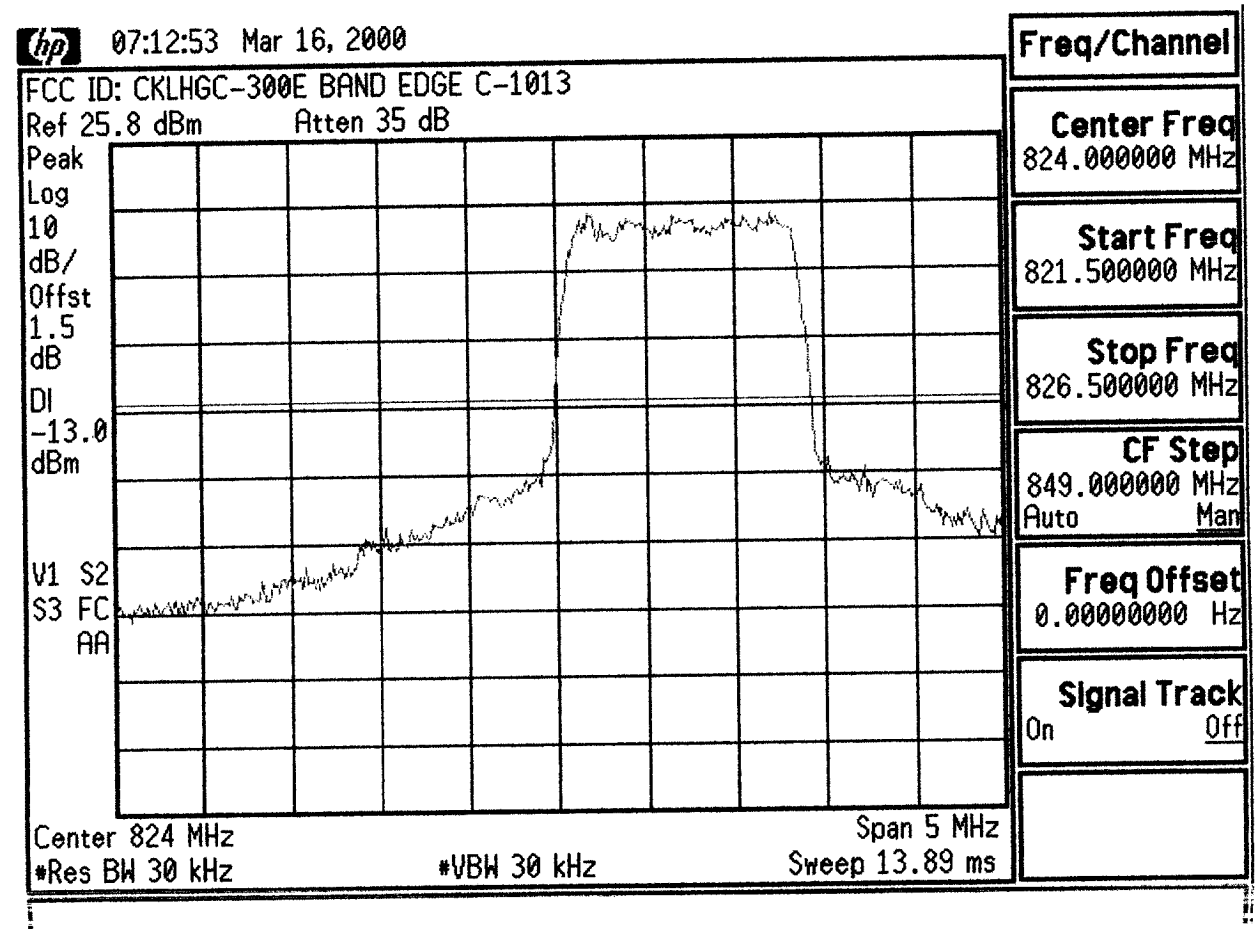

07:30:40 Mar 16, 2000
FCC ID: CKLHGC-300E CON SPURS C-0777
Ref 25.8 dBm
Atten 35 dB
Peak
Log
10
dB/
Offst
1.5
dB
Dl
-13.0
dBm
V1 S2
S3 FC
AA
Start 10 MHz
#Res BW 1 MHz
#VBW 1 MHz
Stop 2.5 GHz
Sweep 6.225 ms
Display
Full Screen
Display Line
-13.00 dBm
On Off
Limits
Title
Preferences

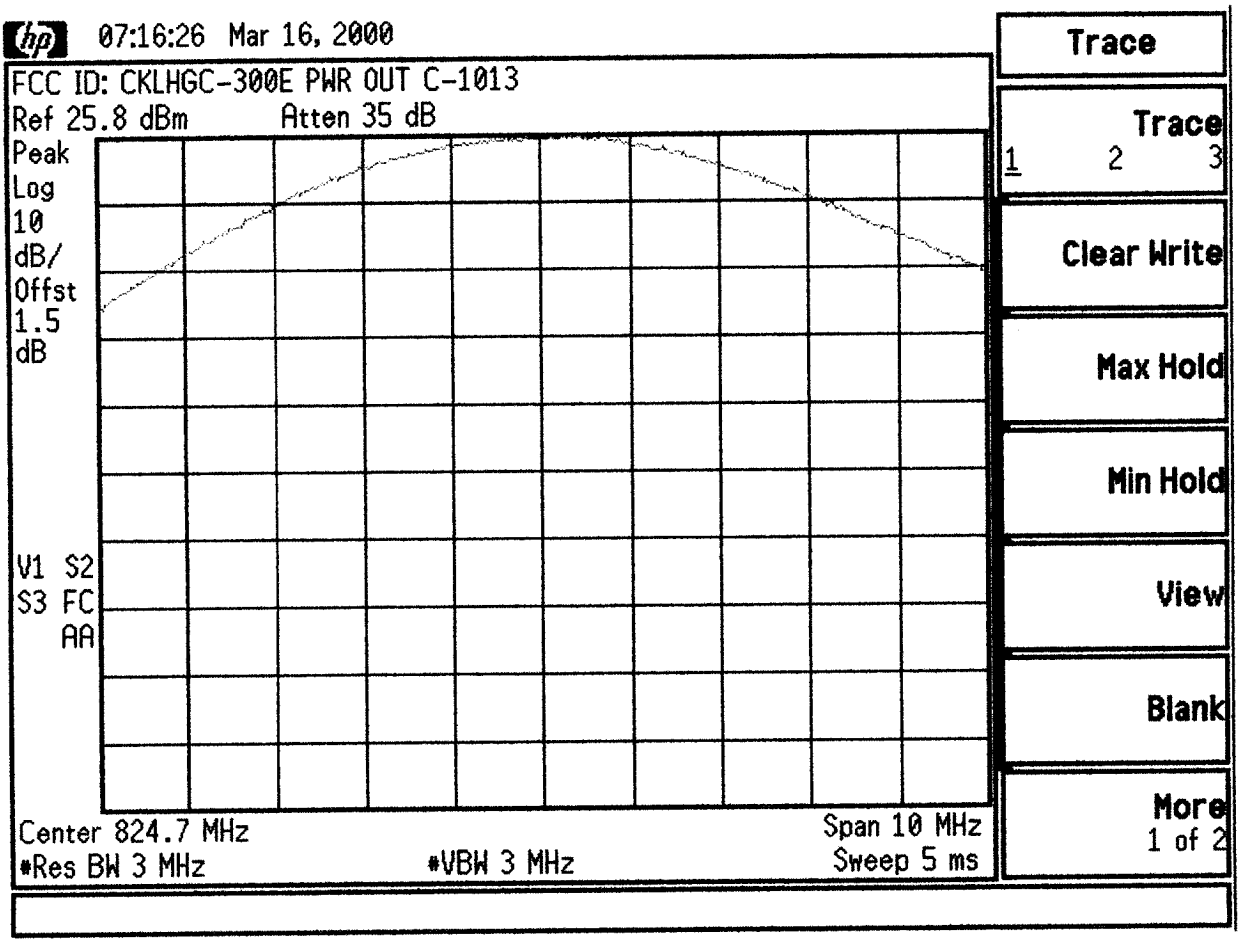

07:31:28 Mar 16, 2000
FCC ID: CKLHGC-300E CON SPURS C-0777
Mkr1 7.188 GHz
-32.57 dBm
Ref 25.8 dBm
Atten 35 dB
Peak
Log
10
dB/
Offst
1.5
dB
Dl
-13.0
dBm
V1 S2
S3 FC
AA
Start 2.5 GHz
#Res BW 1 MHz
#VBW 1 MHz
Stop 10 GHz
Sweep 18.75 ms
Freq/Channel
Center Freq
6.25000000 GHz
Start Freq
2.50000000 GHz
Stop Freq
10.0000000 GHz
CF Step
849.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off

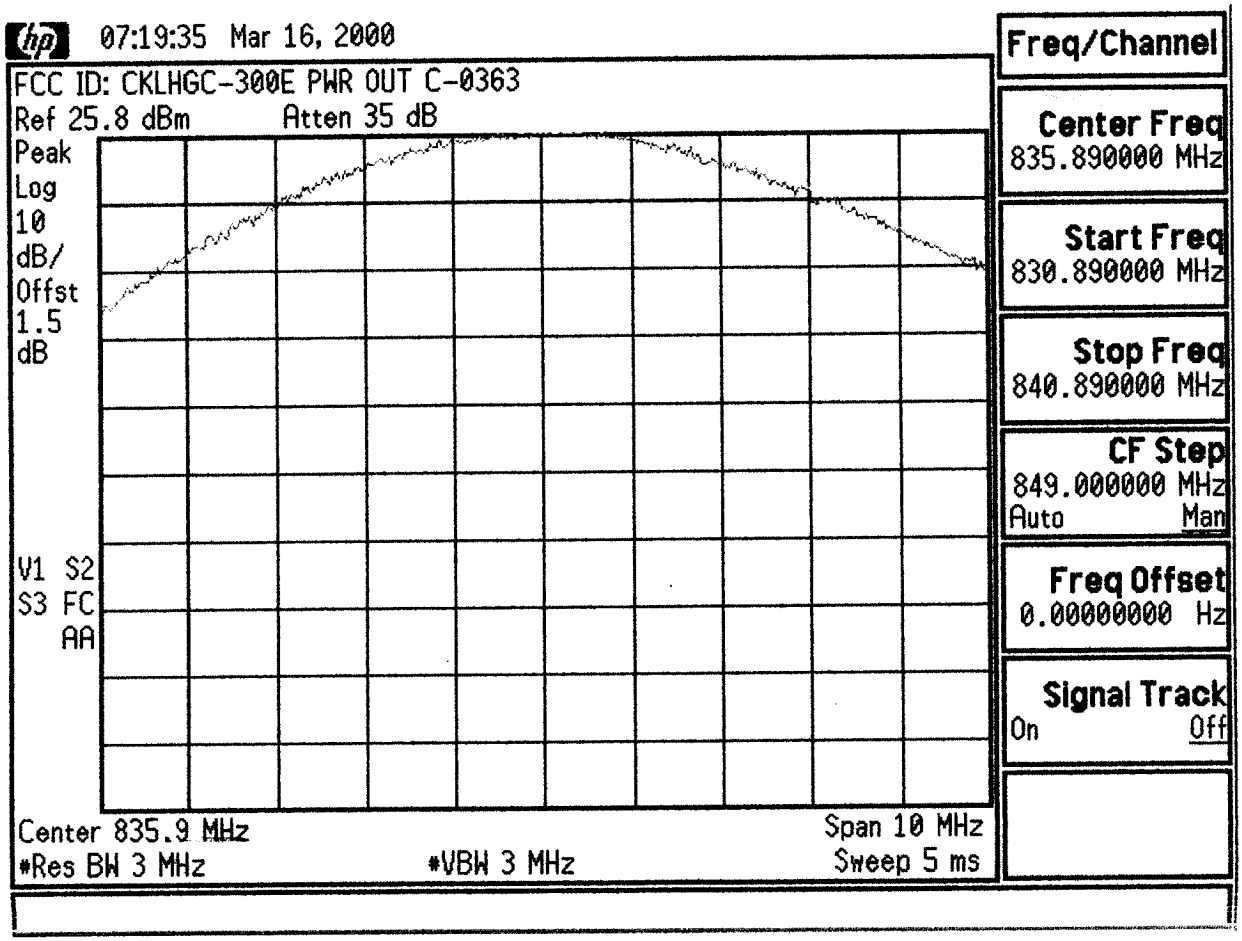

06:59:16 Mar 16, 2000
FCC ID: CKLHGC-300E BAND EDGE C-1013
Ref 25.8 dBm
Atten 40 dB
Peak
Log
10
dB/
Dl
-13.0
dBm
V1 S2
S3 FC
AA
Center 824 MHz
Res BW 30 kHz
VBW 30 kHz
Span 5 MHz
Sweep 13.89 ms
Freq/Channel
Center Freq
824.000000 MHz
Start Freq
821.500000 MHz
Stop Freq
826.500000 MHz
CF Step
500.000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off

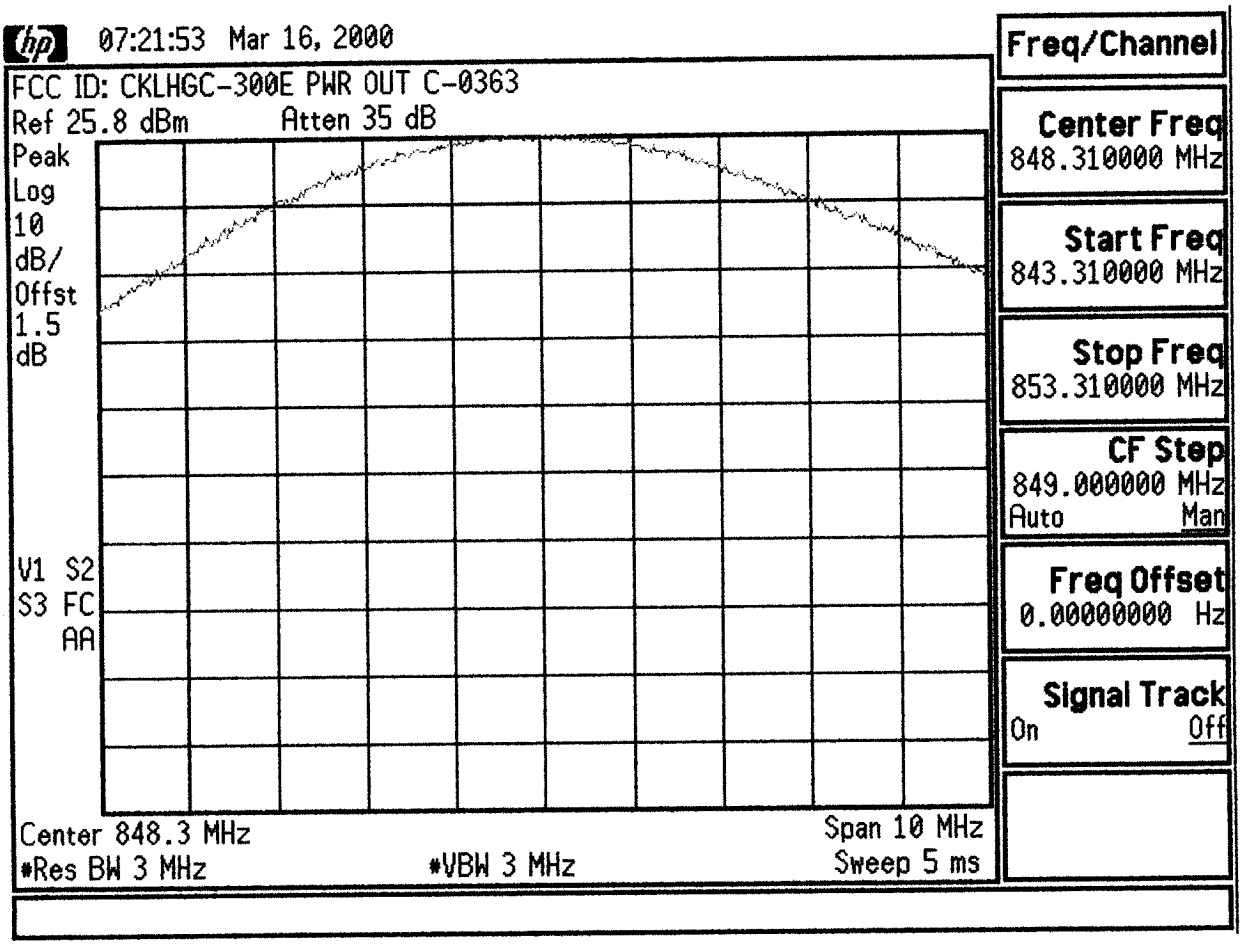

07:03:44 Mar 16, 2000
FCC ID: CKLHGC-300E BAND EDGE C-777
Ref 25.8 dBm
Atten 40 dB
Peak
Log
10
dB/
Dl
-13.0
dBm
V1 S2
S3 FC
AA
Center 849 MHz
Res BW 30 kHz
VBW 30 kHz
Span 5 MHz
Sweep 13.89 ms
Freq/Channel
Center Freq
849.000000 MHz
Start Freq
846.500000 MHz
Stop Freq
851.500000 MHz
CF Step
500.000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off

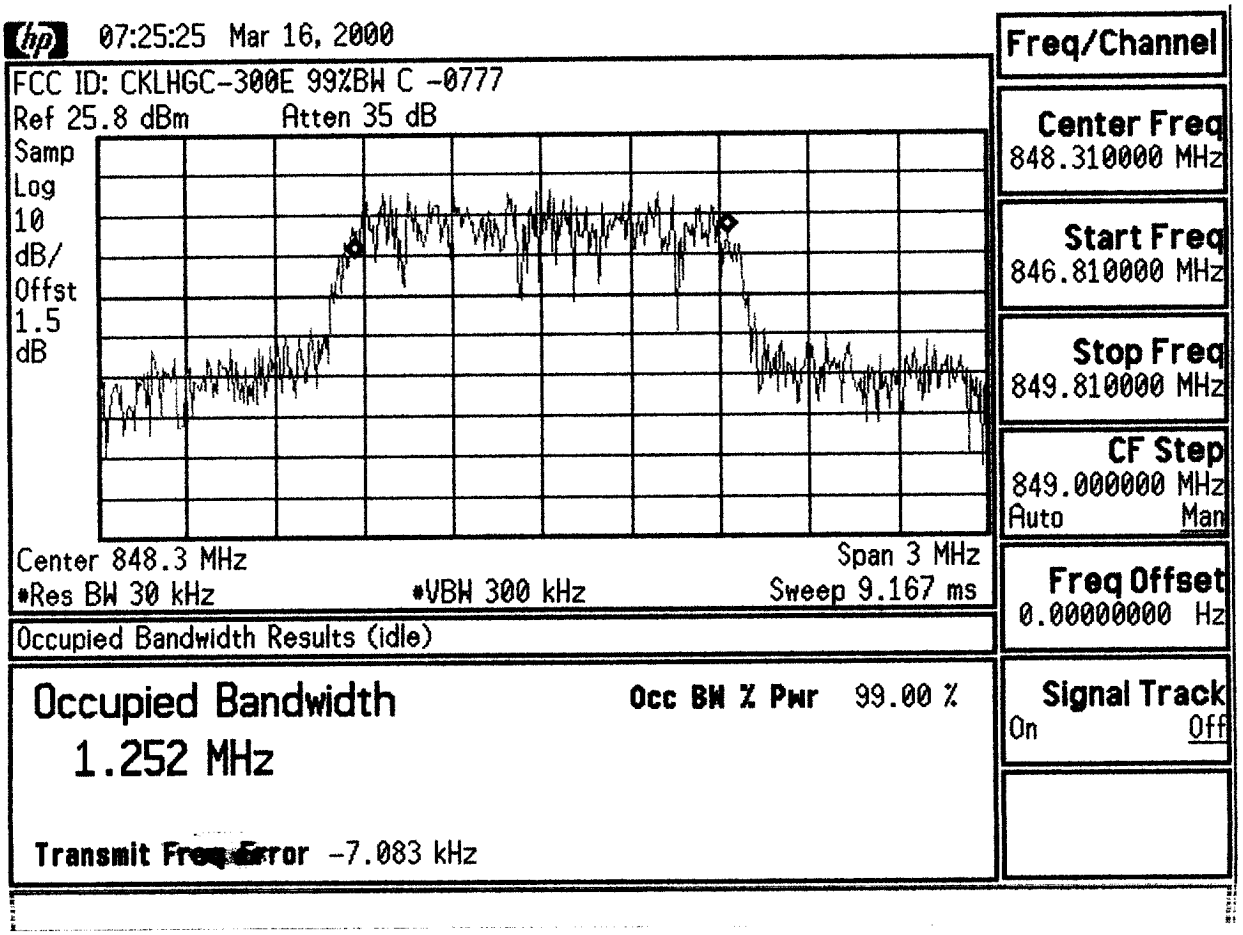

07:08:32 Mar 16, 2000
FCC ID: CKLHGC-300E BAND EDGE C-777
Ref 25.8 dBm
Atten 35 dB
Peak
Log
10
dB/
Offst
1.5
dB
Dl
-13.0
dBm
V1 S2
S3 FC
AA
Center 849 MHz
#Res BW 30 kHz
#VBW 30 kHz
Span 5 MHz
Sweep 13.89 ms
Trace
Trace
1 2 3
Clear Write
Max Hold
Min Hold
View
Blank
More
1 of 2

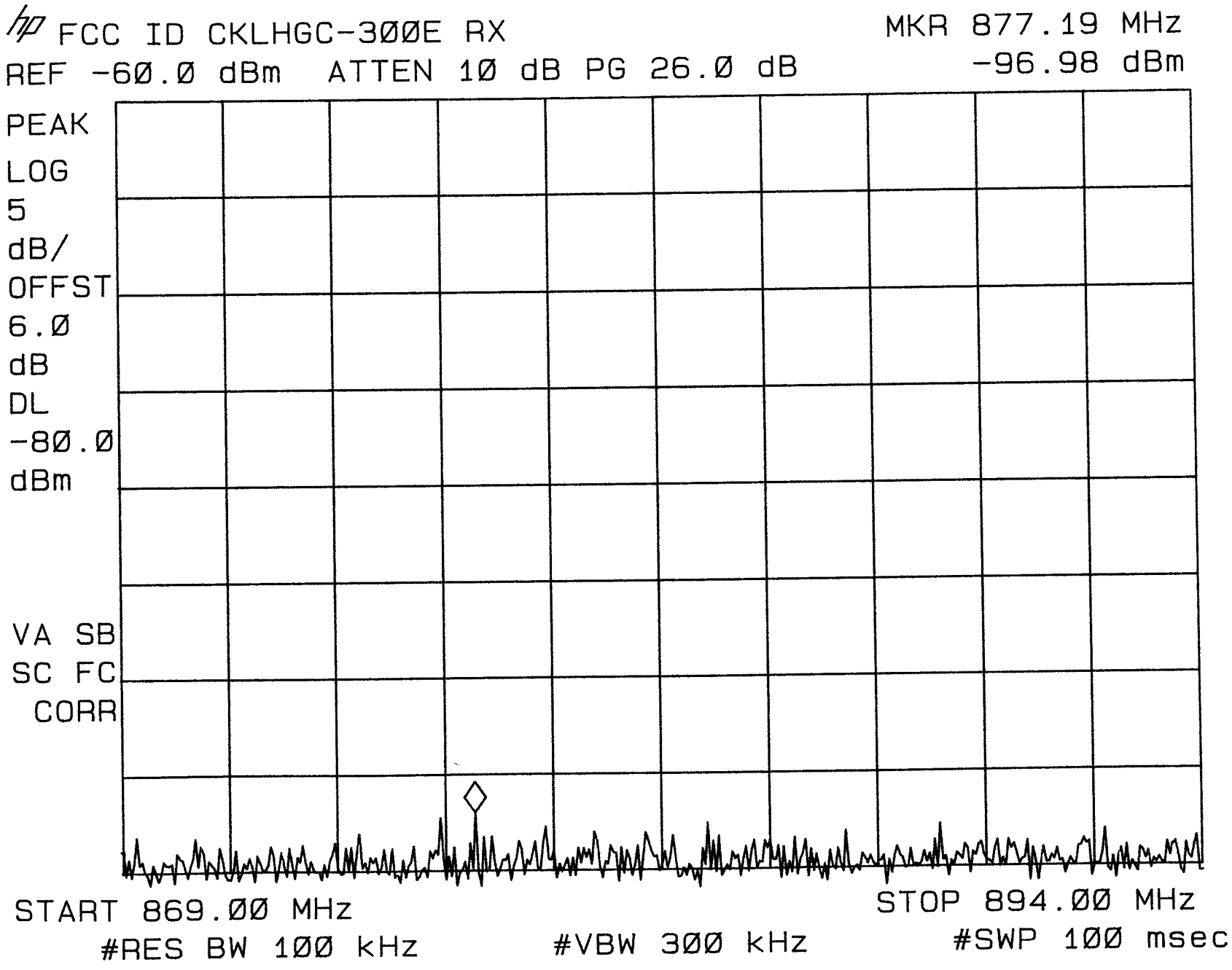

07:12:53 Mar 16, 2000
FCC ID: CKLHGC-300E BAND EDGE C-1013
Ref 25.8 dBm
Atten 35 dB
Peak
Log
10
dB/
Offst
1.5
dB
Dl
-13.0
dBm
V1 S2
S3 FC
AA
Center 824 MHz
#Res BW 30 kHz
#VBW 30 kHz
Span 5 MHz
Sweep 13.89 ms
Freq/Channel
Center Freq
824.000000 MHz
Start Freq
821.500000 MHz
Stop Freq
826.500000 MHz
CF Step
849.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off


07:16:26 Mar 16, 2000
FCC ID: CKLHGC-300E PWR OUT C-1013
Ref 25.8 dBm
Atten 35 dB
Peak
Log
10
dB/
Offst
1.5
dB
V1 S2
S3 FC
AA
Center 824.7 MHz
#Res BW 3 MHz
#VBW 3 MHz
Span 10 MHz
Sweep 5 ms
Trace
Trace
1 2 3
Clear Write
Max Hold
Min Hold
View
Blank
More
1 of 2


07:19:35 Mar 16, 2000
FCC ID: CKLHGC-300E PWR OUT C-0363
Ref 25.8 dBm
Atten 35 dB
Peak
Log
10
dB/
Offst
1.5
dB
V1 S2
S3 FC
AA
Center 835.9 MHz
#Res BW 3 MHz
#VBW 3 MHz
Span 10 MHz
Sweep 5 ms
Freq/Channel
Center Freq
835.890000 MHz
Start Freq
830.890000 MHz
Stop Freq
840.890000 MHz
CF Step
849.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off


07:21:53 Mar 16, 2000
FCC ID: CKLHGC-300E PWR OUT C-0363
Ref 25.8 dBm
Atten 35 dB
Peak
Log
10
dB/
Offst
1.5
dB
V1 S2
S3 FC
AA
Center 848.3 MHz
#Res BW 3 MHz
#VBW 3 MHz
Span 10 MHz
Sweep 5 ms
Freq/Channel
Center Freq
848.310000 MHz
Start Freq
843.310000 MHz
Stop Freq
853.310000 MHz
CF Step
849.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off


07:25:25 Mar 16, 2000
FCC ID: CKLHGC-300E 99%BW C -0777
Ref 25.8 dBm
Atten 35 dB
Samp
Log
10
dB/
Offst
1.5
dB
Center 848.3 MHz
#Res BW 30 kHz
#VBW 300 kHz
Span 3 MHz
Sweep 9.167 ms
Occupied Bandwidth Results (idle)
Occupied Bandwidth
1.252 MHz
Occ BW % Pwr 99.00 %
Transmit Freq Error -7.083 kHz
Freq/Channel
Center Freq
848.310000 MHz
Start Freq
846.810000 MHz
Stop Freq
849.810000 MHz
CF Step
849.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off


FCC ID CKLHGC-300E RX
MKR 877.19 MHz
-96.98 dBm
REF -60.0 dBm ATTEN 10 dB PG 26.0 dB
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 100 msec