

PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCH620

SAMSUNG DUAL MODE PHONE

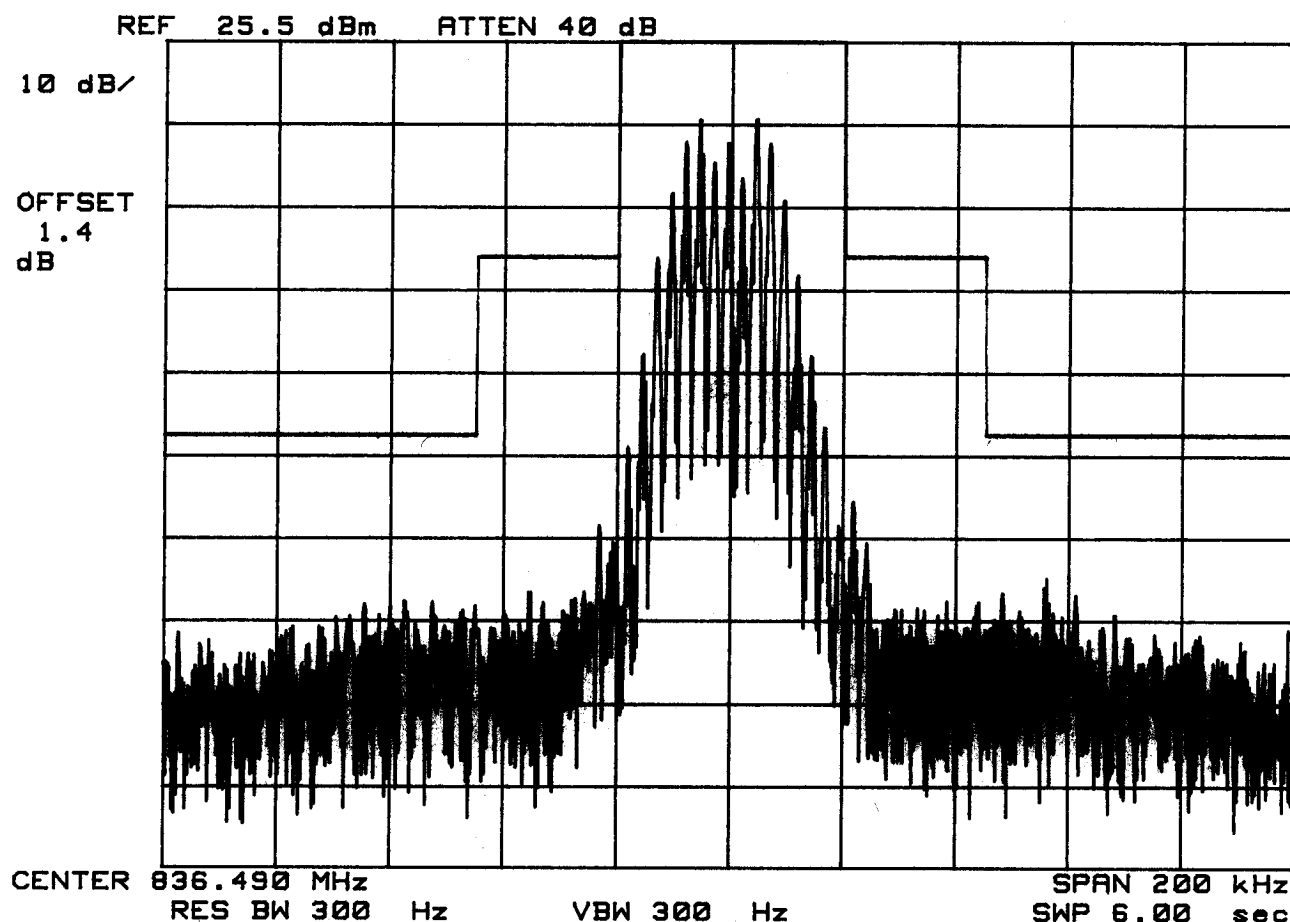
CH-383

FM MODE

Operating Frequency: 836.490 MHz

Output Power : 25.5 dBm

Test Mode:Voice



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCH620

SAMSUNG DUAL MODE PHONE

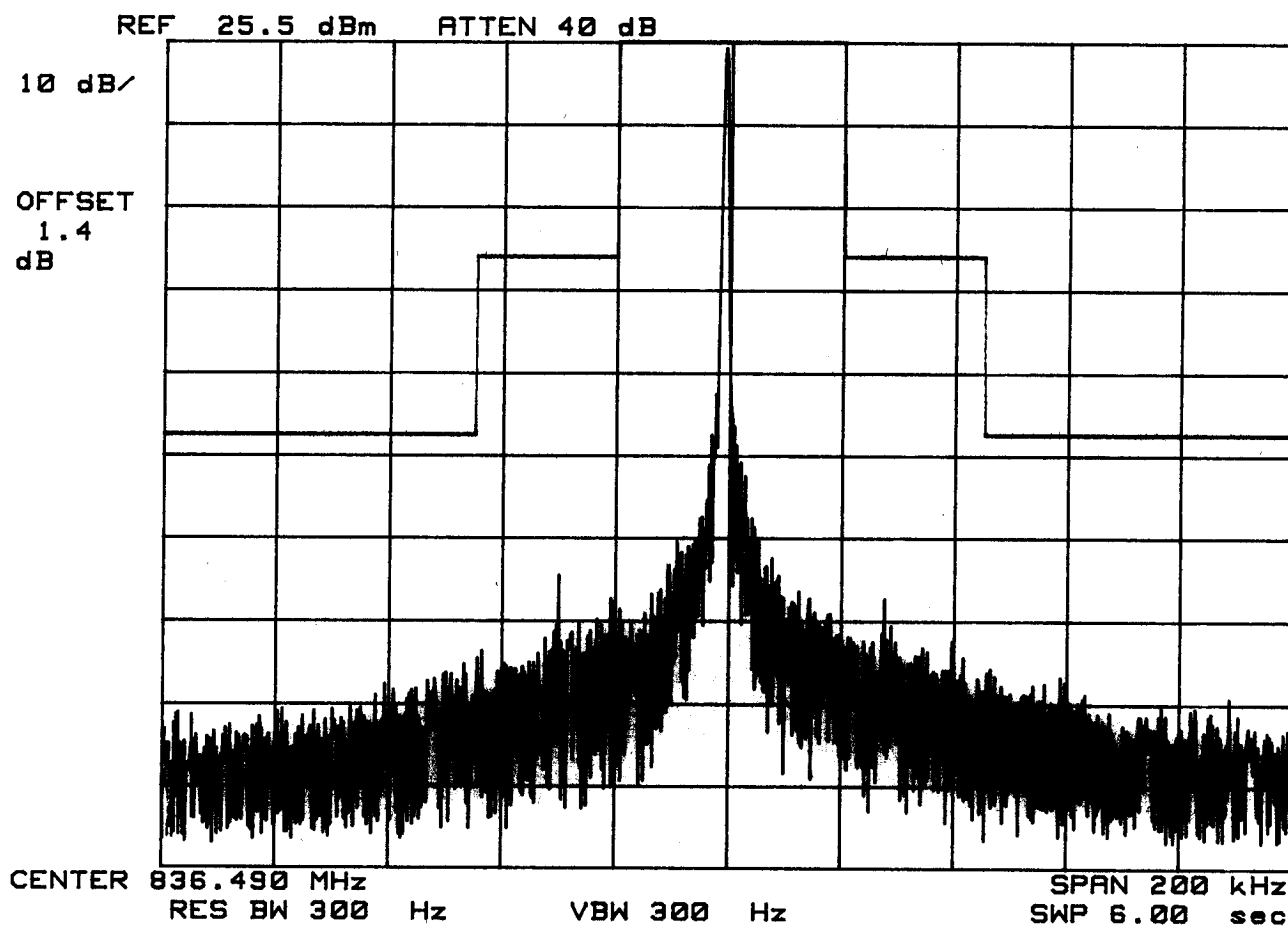
CH-383

FM MODE

Operating Frequency: 836.490 MHz

Output Power : 25.5 dBm

Test Mode:Unmodulated Signal



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCH620

SAMSUNG DUAL MODE PHONE

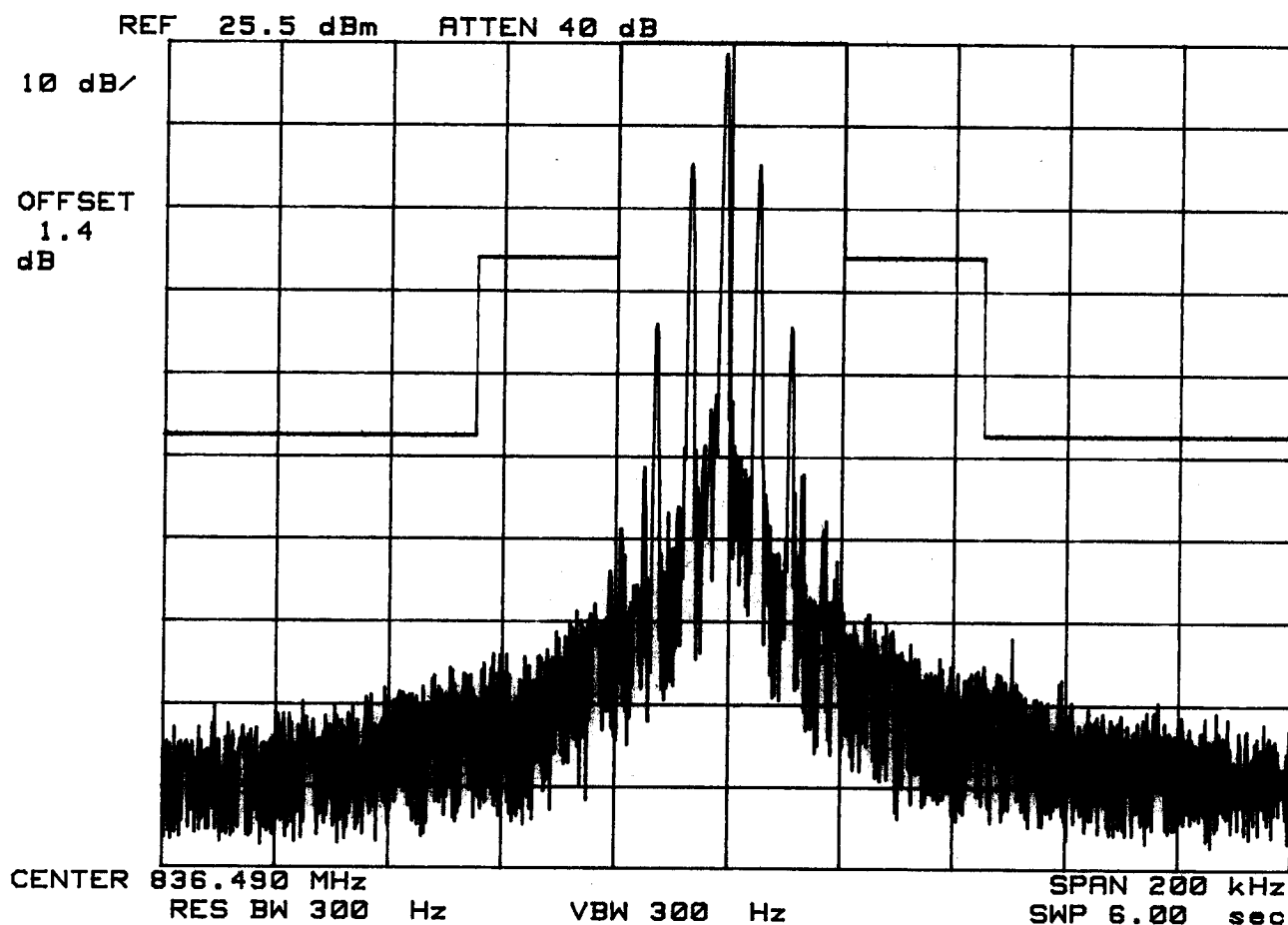
CH-383

FM MODE

Operating Frequency: 836.490 MHz

Output Power : 25.5 dBm

Test Mode:SAT



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SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCH620

SAMSUNG DUAL MODE PHONE

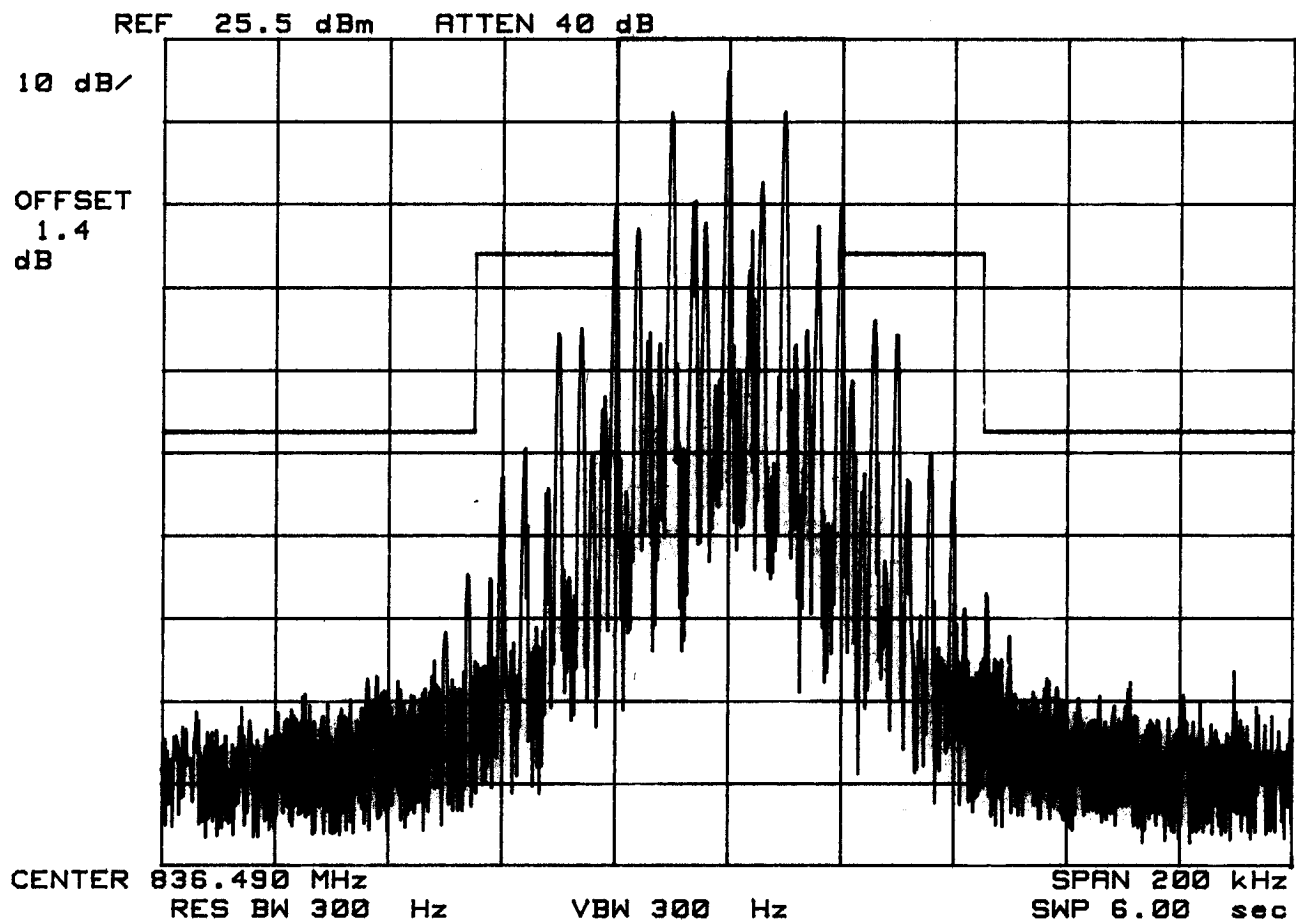
CH-383

FM MODE

Operating Frequency: 836.490 MHz

Output Power : 25.5 dBm

Test Mode:SAT + ST



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SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCH620

SAMSUNG DUAL MODE PHONE

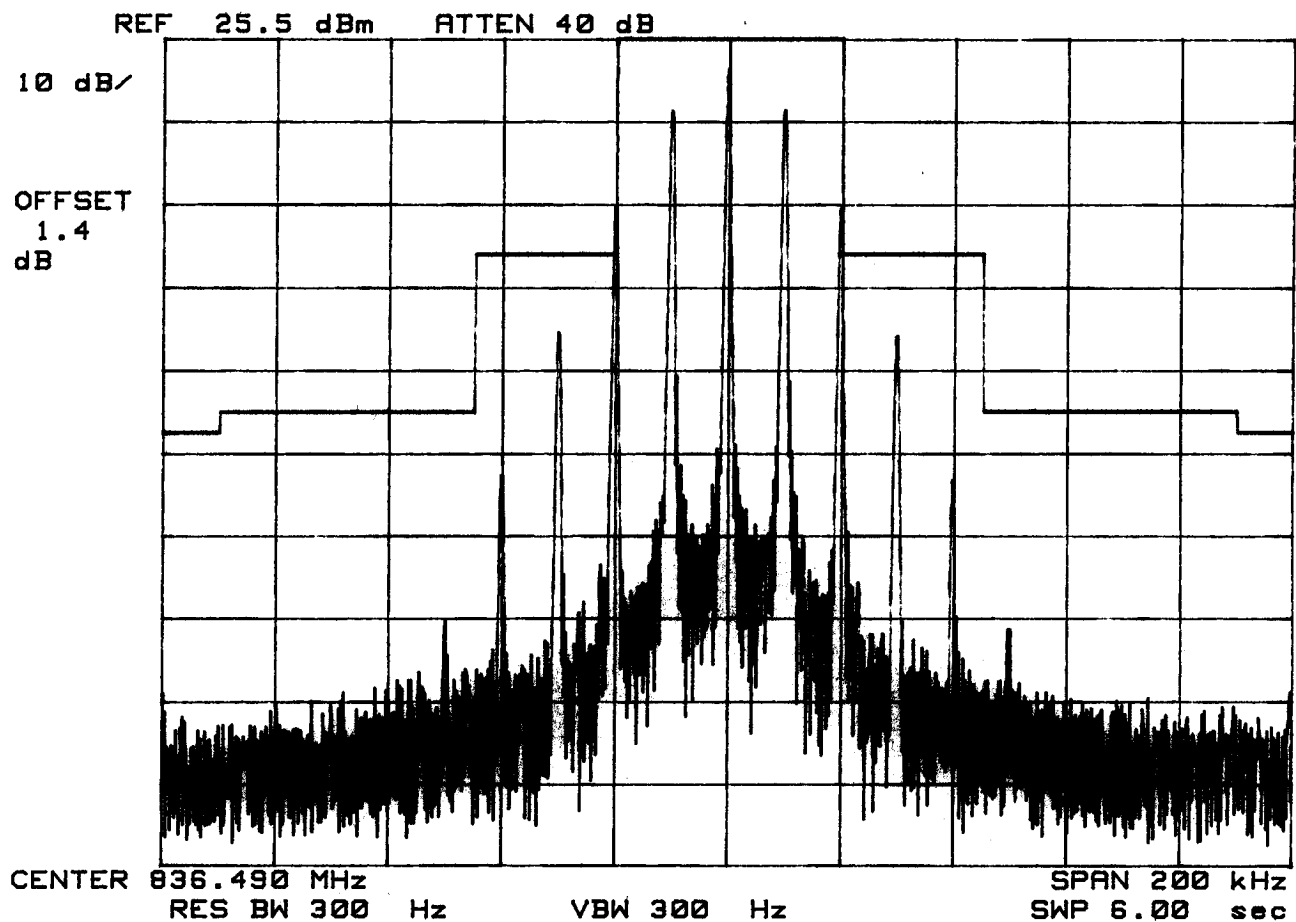
CH-383

FM MODE

Operating Frequency: 836.490 MHz

Output Power : 25.5 dBm

Test Mode:ST



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SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCH620

SAMSUNG DUAL MODE PHONE

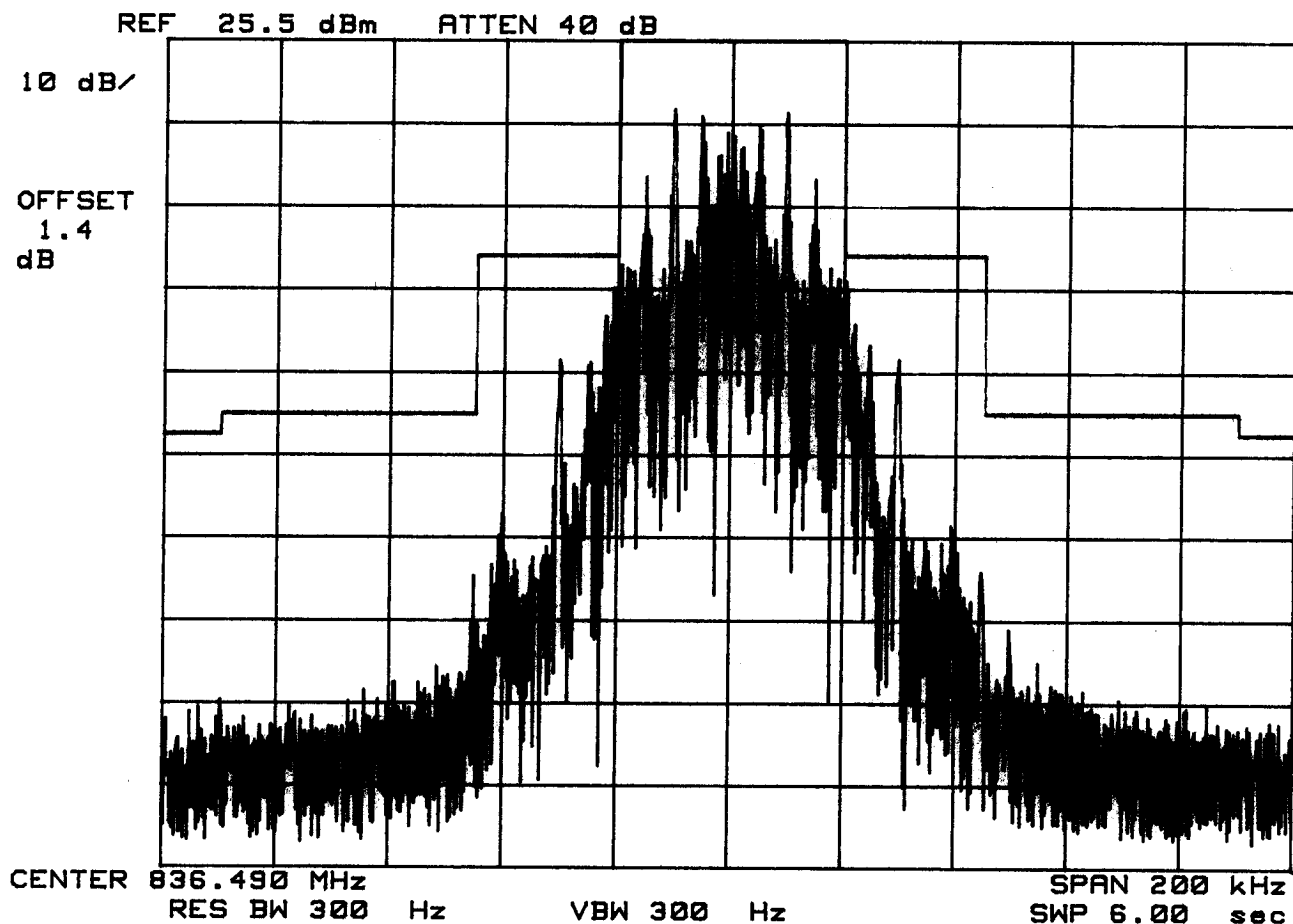
CH-383

FM MODE

Operating Frequency: 836.490 MHz

Output Power : 25.5 dBm

Test Mode:Wide Band Data



hp 12:48:50 Aug 6, 1999

FCC ID:A3LSCH620

Mkr1 885.31 MHz

Ref -59.9 dBm

Atten 5 dB Ext PG 25 dB

-107.8 dBm

Peak

Log

7

dB/

Offst

1.4

dB

DI

-80.0

dBm

V1 S2

S3 FC

AA

Start 869 MHz

*Res BW 100 kHz

*VBW 300 kHz

Stop 894 MHz

Sweep 5.435 ms

Freq/Channel

Center Freq

881.500000 MHz

Start Freq

869.000000 MHz

Stop Freq

894.000000 MHz

CF Step

2.50000000 MHz

Auto

Man

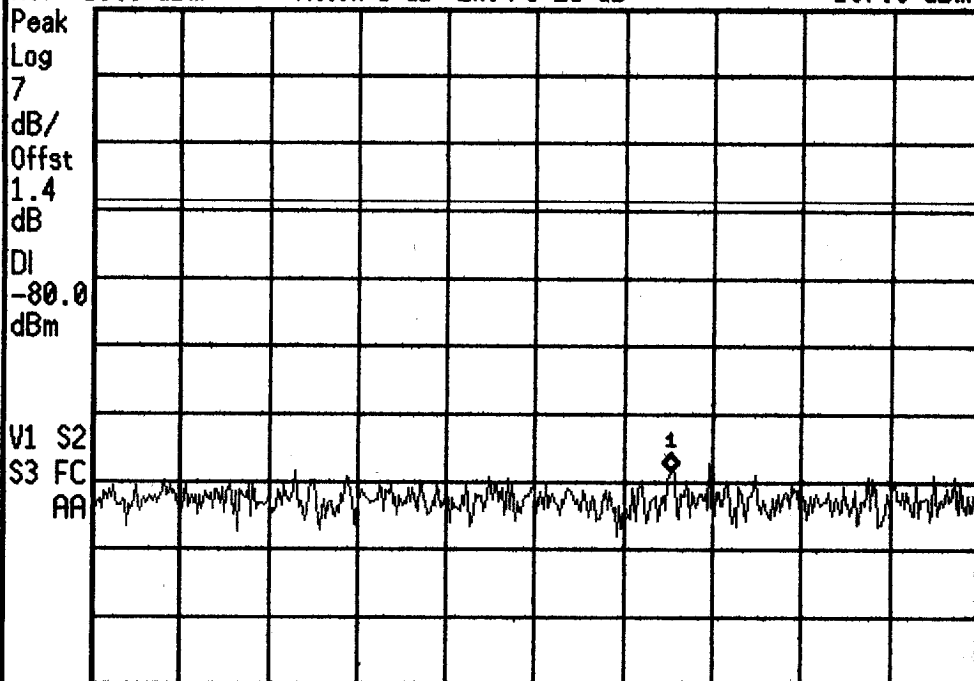
Freq Offset

0.00000000 Hz

Signal Track

On

Off



hp 10:40:43 Jul 28, 1999

FCC ID-SCH620 CH-363 99% PWR BW

Ref 24.3 dBm

Atten 35 dB

Samp

Log

10

dB/

Offst

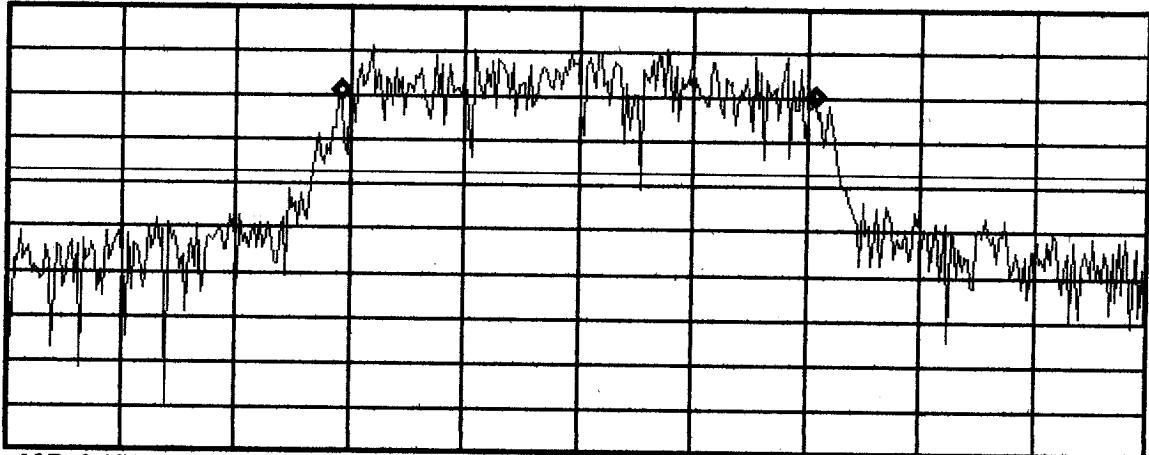
1.4

dB

DI

-13.0

dBm



H1 S2

Center 835.9 MHz

Span 3 MHz

*Res BW 30 kHz

*VBW 300 kHz

Sweep 9.167 ms

Occupied Bandwidth Results (Idle)

Occupied Bandwidth

Occ BW % Pwr 99.00 %

1.250 MHz

Transmit Freq Error 1.198 kHz



09:36:00 Aug 6, 1999

FCC ID:A3LSCH620 C1013

Ref 25 dBm

Atten 35 dB

Peak

Log

10

dB/

Offst

1.4

dB

DI

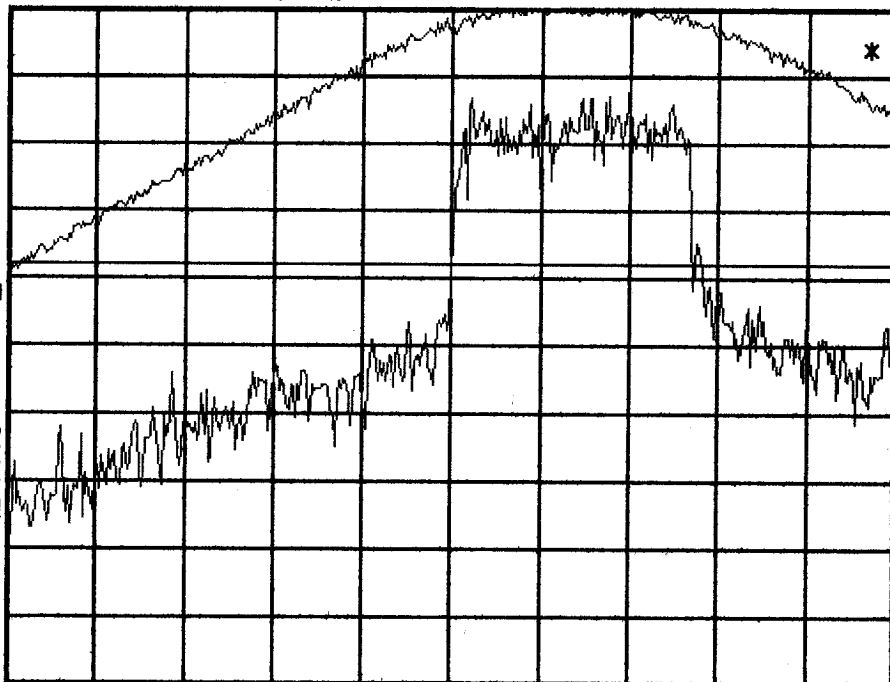
-13.0

dBm

V1 V2

S3 FC

AR



Center 824 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

FCC ID:A3LSCH620 C1013

Ref 25 dBm

Atten 35 dB

Peak

Log

10

dB/

Offst

1.4

dB

DI

-13.0

dBm

V1 V2

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



08:28:03 Aug 6, 1999

FCC ID:A3LSCH620 CON SPURS FM C991

Mkr1 1.642 GHz

Ref 25.5 dBm

Atten 35 dB

-32.14 dBm

Peak

Log

10

dB/

Offst

1.4

dB

DI

-13.0

dBm

V1 S2

S3 FC

AA

Center 5.01 GHz

*Res BW 1 MHz

*VBW 1 MHz

Span 9.98 GHz

Sweep 24.95 ms

Amplitude

Ref Level
25.50 dBm

Attenuation
35.00 dB

Auto

Man

Scale/Div
10.00 dB

Scale Type

Log

Lin

Presel Center

Presel Adjust
0.00000000 Hz

More

1 of 2



08:47:28 Aug 6, 1999

FCC ID:A3LSCH620 CON SPURS FM C383

Mkr1 1.667 GHz

Ref 25.5 dBm

Atten 35 dB

-27.69 dBm

Peak

Log

10

dB/

Offst

1.4

dB

DI

-13.0

dBm

V1 S2

S3 FC

AA

Center 5.01 GHz

*Res BW 1 MHz

*VBW 1 MHz

Span 9.98 GHz

Sweep 24.95 ms

Marker

Select Marker

1 2 3 4

Normal

Delta

Band Pair

Start Stop

Span Pair

Span Center

Off

More

1 of 2



08:31:23 Aug 6, 1999

FCC ID:A3LSCH620 CON SPURS FM C799

Mkr1 4.237 GHz

Ref 25.5 dBm

Atten 35 dB

-30.65 dBm

Peak

Log

10

dB/

Offst

1.4

dB

DI

-13.0

dBm

V1 S2

S3 FC

AA

Center 5.01 GHz

•Res BW 1 MHz

•VBW 1 MHz

Span 9.98 GHz

Sweep 24.95 ms

Marker

Select Marker

1 2 3 4

Normal

Delta

Band Pair

Start Stop

Span Pair

Span Center

Off

More

1 of 2



09:00:46 Aug 6, 1999

FCC ID:A3LSCH620 CON SPURS CDMA C1013

Mkr1 2.839 GHz

Ref 25 dBm

Atten 35 dB

-29.83 dBm

Peak

Log

10

dB/

Offst

1.4

dB

DI

-13.0

dBm

V1 S2

S3 FC

AA

Start 20 MHz

*Res BW 1 MHz

*VBW 1 MHz

Stop 10 GHz

Sweep 24.95 ms

Trace

Trace

1

2

3

Clear Write

Max Hold

Min Hold

View

Blank

More

1 of 2

hp 08:58:19 Aug 6, 1999

FCC ID:A3LSCH620 CON SPURS CDMA C363

Mkr1 2.839 GHz

Ref 25 dBm

Atten 35 dB

-32.78 dBm

Peak

Log

10

dB/

Offst

1.4

dB

DI

-13.0

dBm

V1 S2

S3 FC

AA

Start 20 MHz

•Res BW 1 MHz

•VBW 1 MHz

Stop 10 GHz

Sweep 24.95 ms

Amplitude

Ref Level
25.00 dBm

Attenuation
35.00 dB
Auto Man

Scale/Div
10.00 dB

Scale Type
Log Lin

Presel Center

Presel Adjust
0.00000000 Hz

More
1 of 2

hp 09:08:43 Aug 6, 1999

FCC ID:A3LSCH620 CON SPURS CDMA C777

Ref 25 dBm

Atten 35 dB

Mkr1 1.642 GHz

-23.14 dBm

Peak

Log

10

dB/

Offst

1.4

dB

DI

-13.0

dBm

V1 S2

S3 FC

AA

Start 20 MHz

•Res BW 1 MHz

•VBW 1 MHz

Stop 10 GHz

Sweep 24.95 ms

Marker →

Mkr → CF

Mkr → CF Stop

Mkr → Start

Mkr → Stop

Mkr Δ → Span

Mkr → Ref Lv