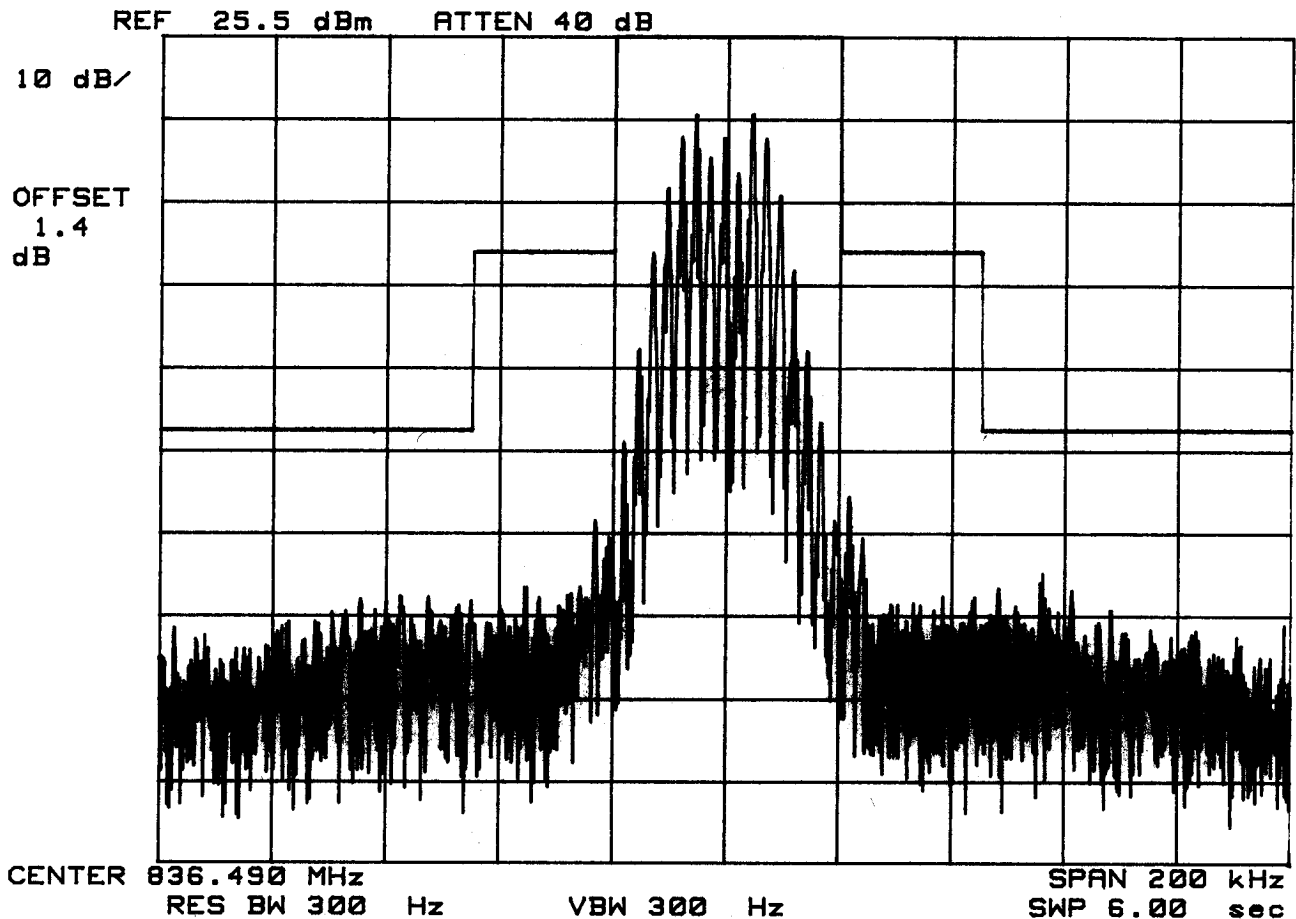


PCTEST Engineering Lab.

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

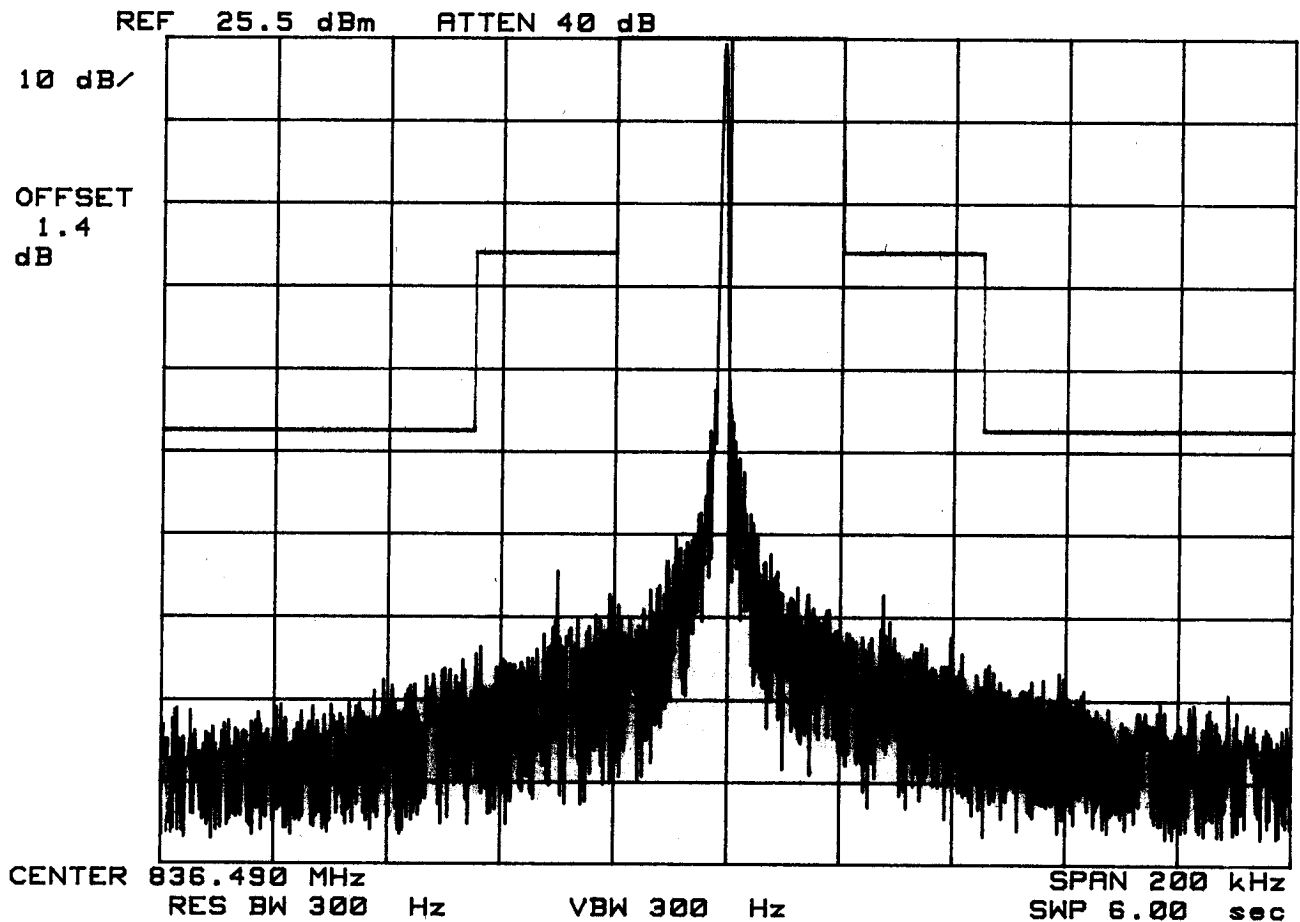


PCTEST Engineering Lab.

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

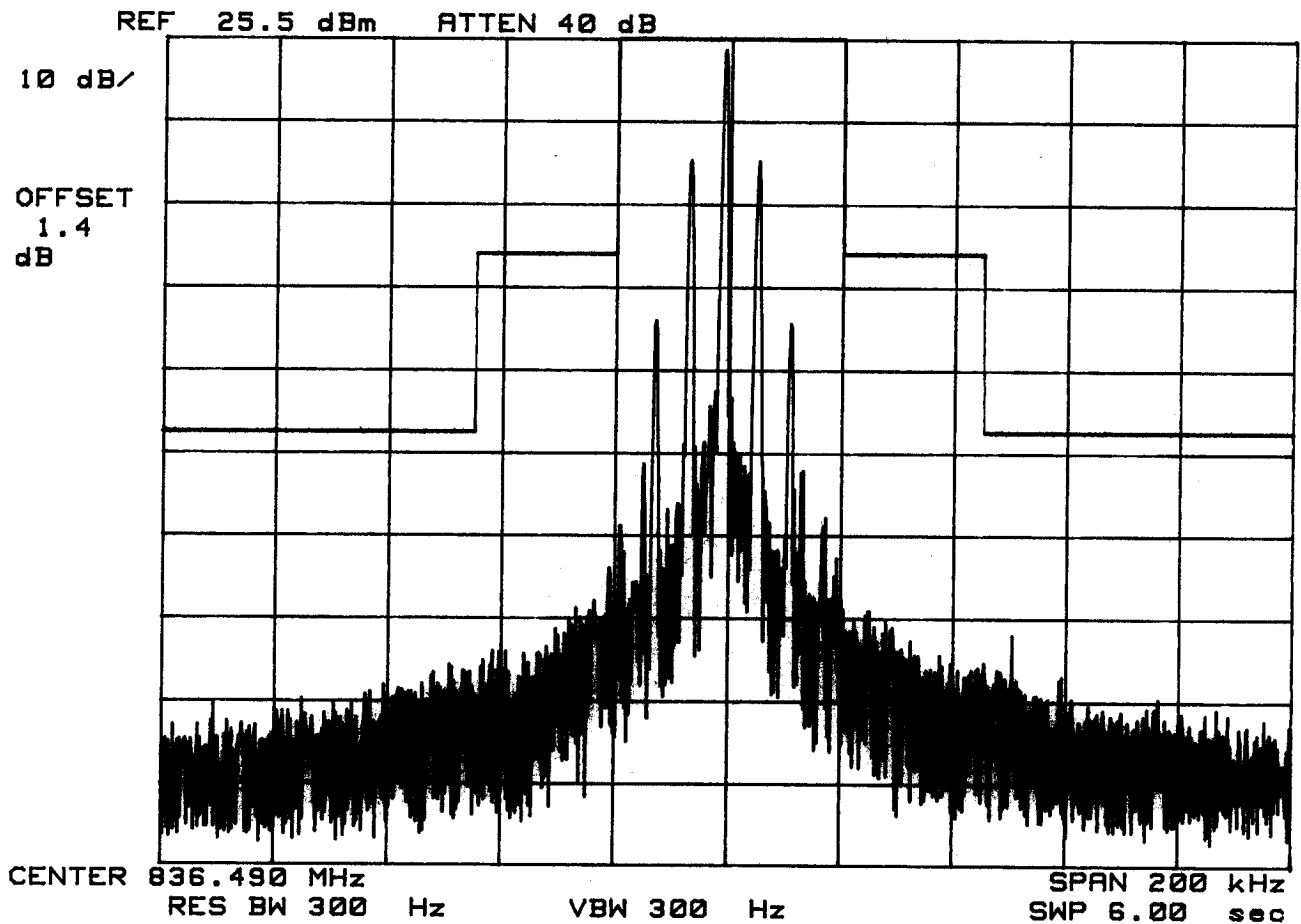


PCTEST Engineering Lab.

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

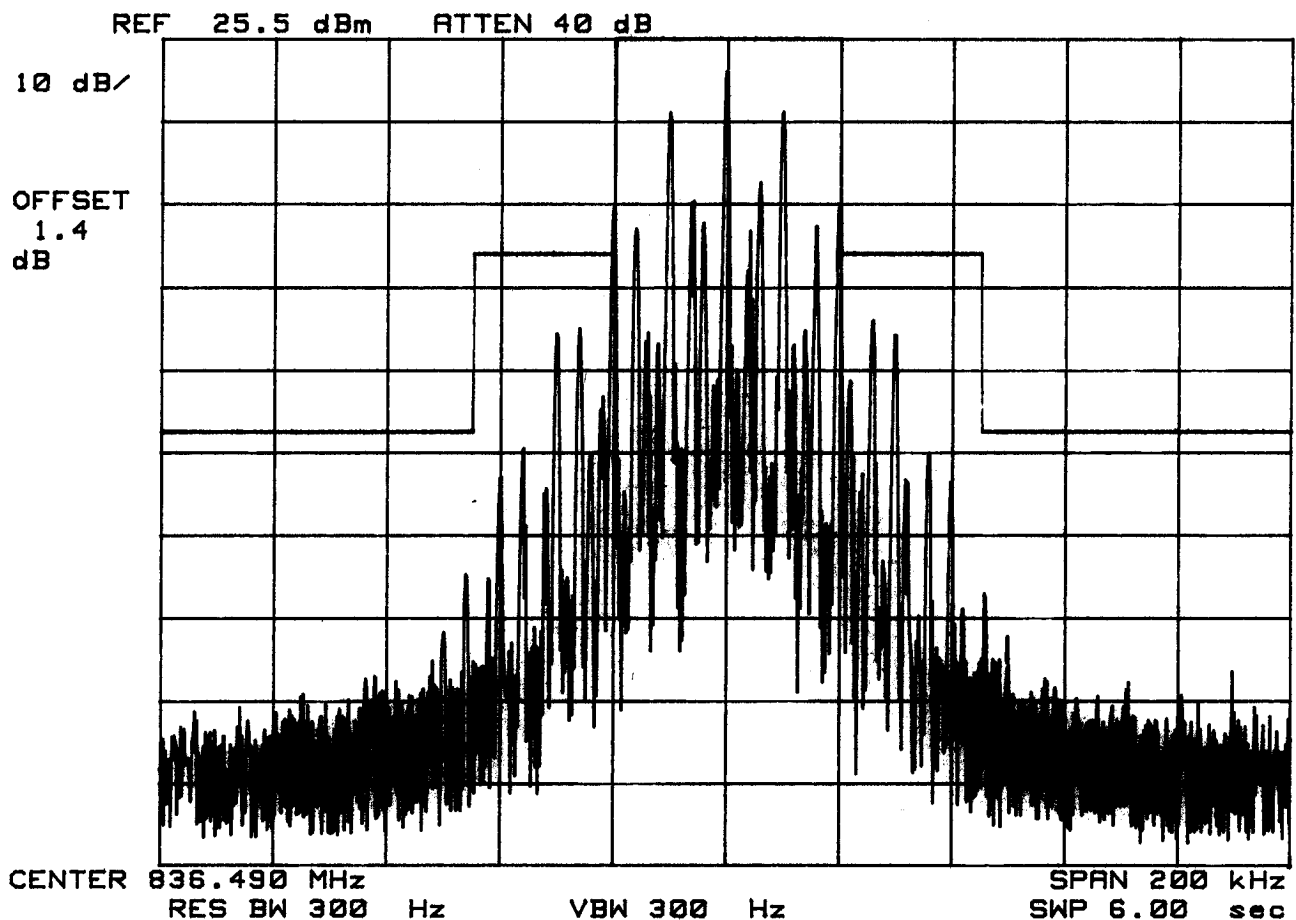


PCTEST Engineering Lab.

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 + ST

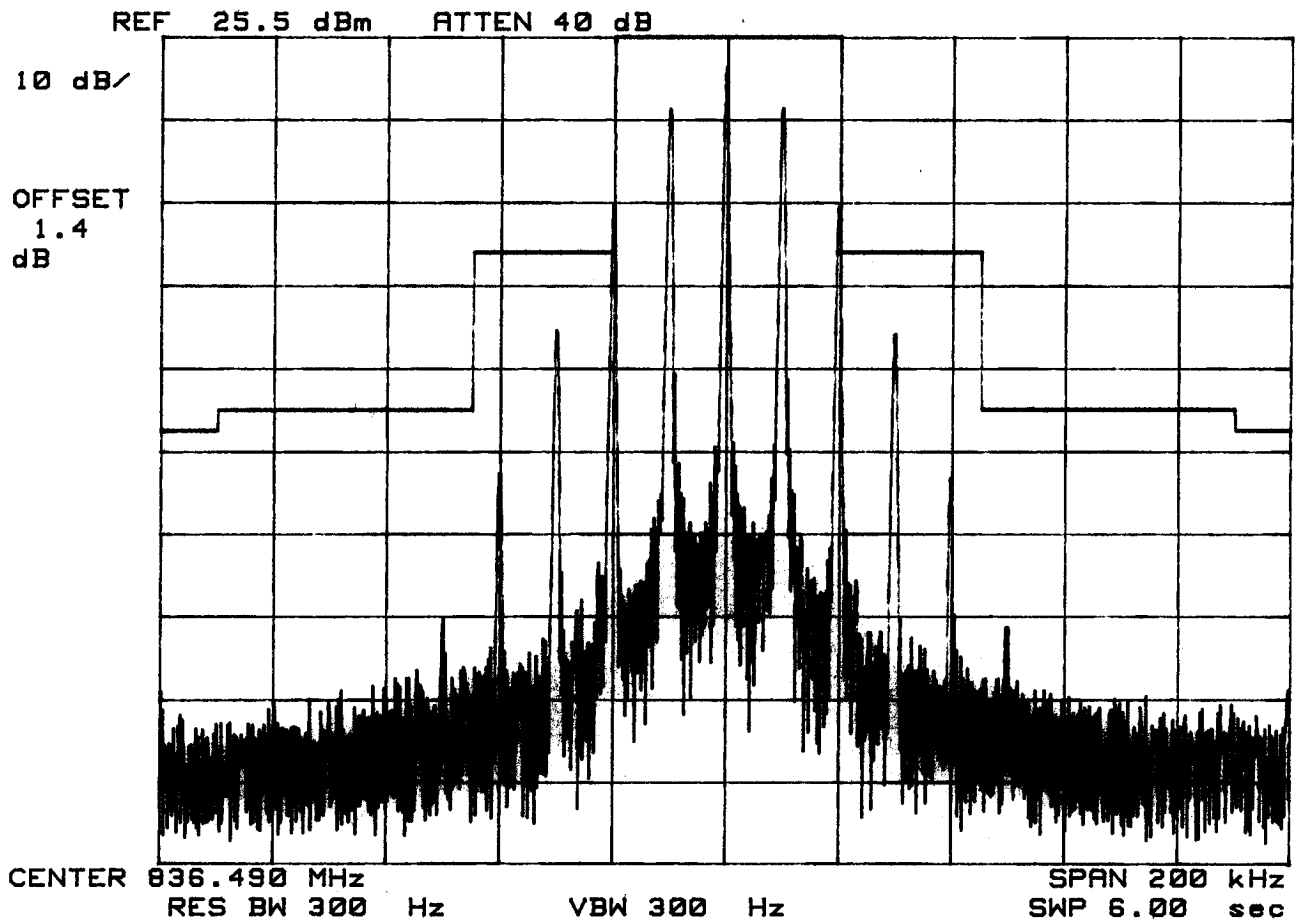


PCTEST Engineering Lab.

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:ST

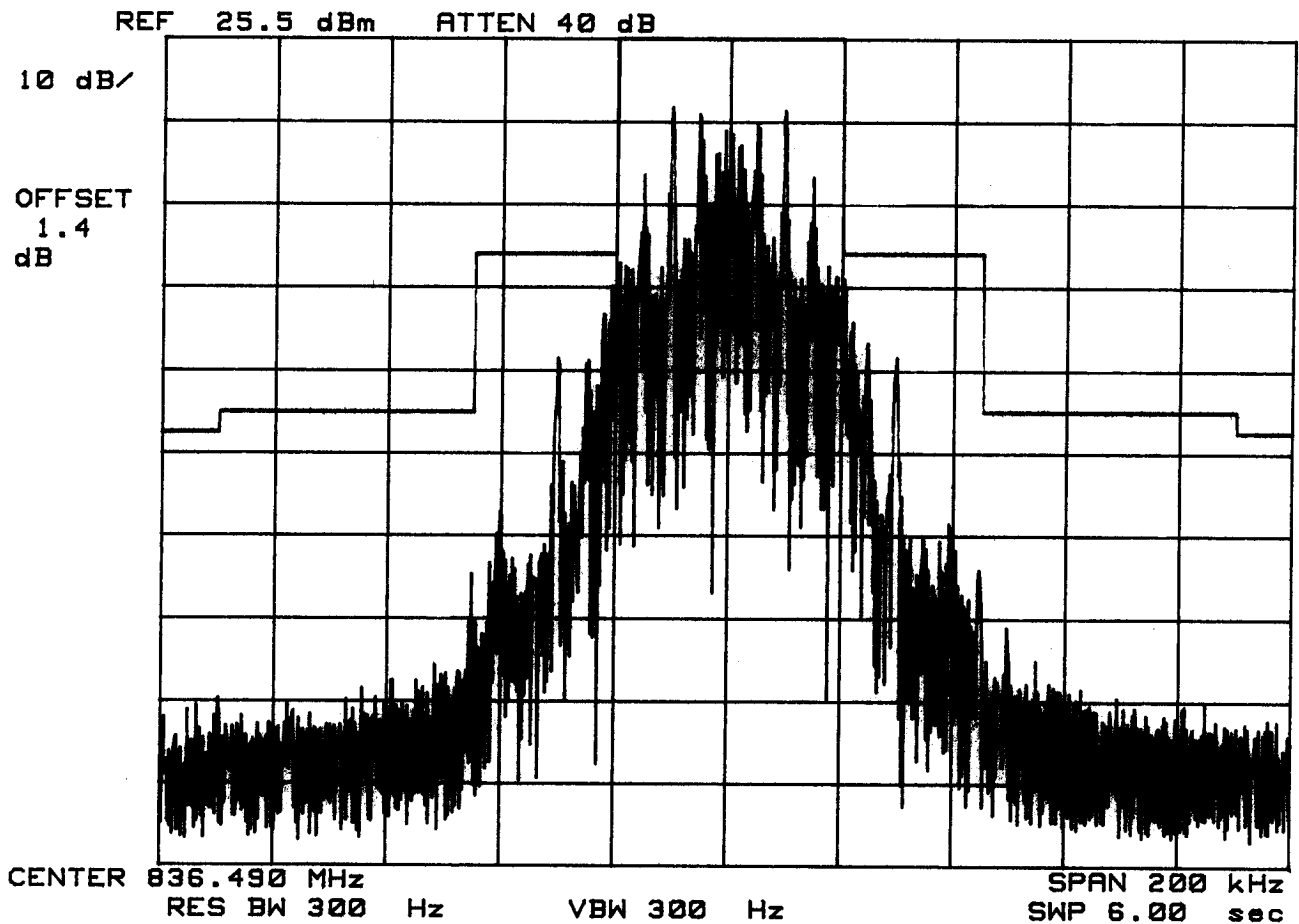


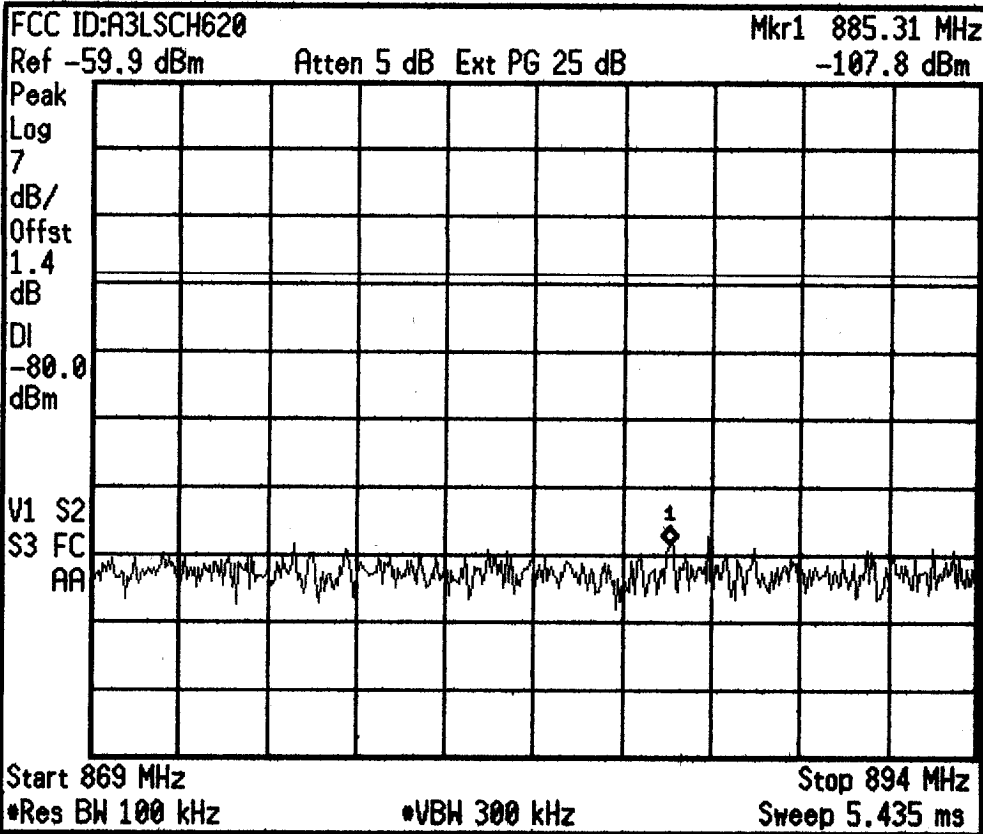
PCTEST Engineering Lab.

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:Wide Band Data





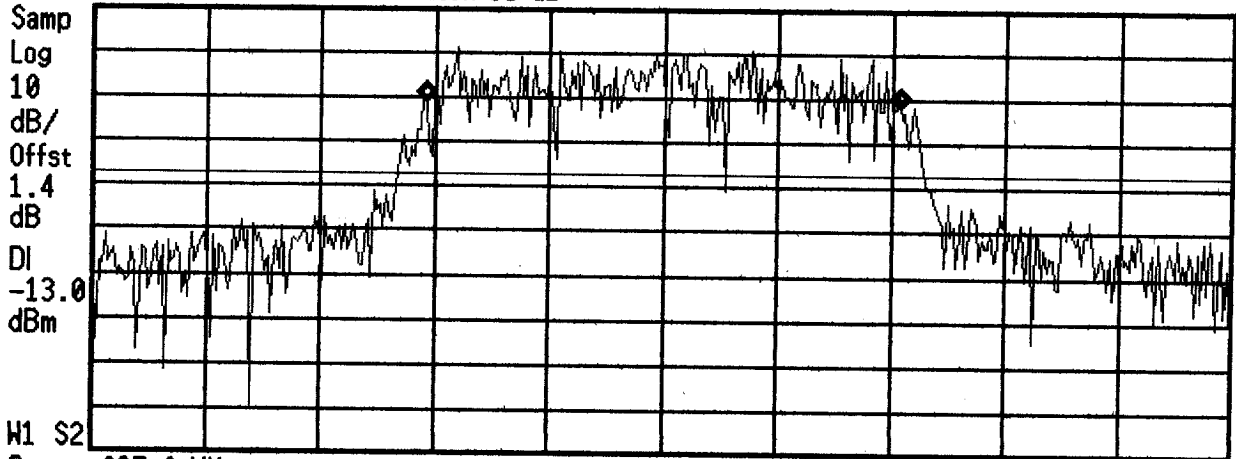
Freq/Channel
Center Freq 881.500000 MHz
Start Freq 869.000000 MHz
Stop Freq 894.000000 MHz
CF Step 2.5000000 MHz Auto Man
Freq Offset 0.0000000 Hz
Signal Track On Off

hp 10:40:43 Jul 28, 1999

FCC ID-SCH620 CH-363 99% PWR BW

Ref 24.3 dBm

Atten 35 dB



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

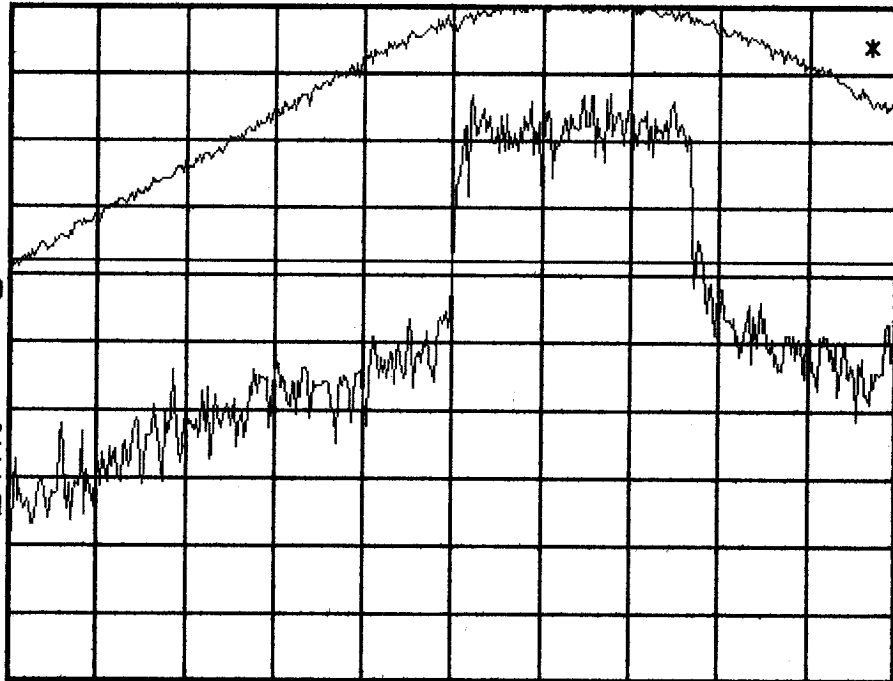
-13.0

dBm

V1 V2

S3 FC

AA



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



09:39:47 Aug 6, 1999

FCC ID:A3LSCH620 C1013

Ref 25 dBm

Atten 35 dB

Peak

Log

10

dB/

Offst

1.4

dB

DI

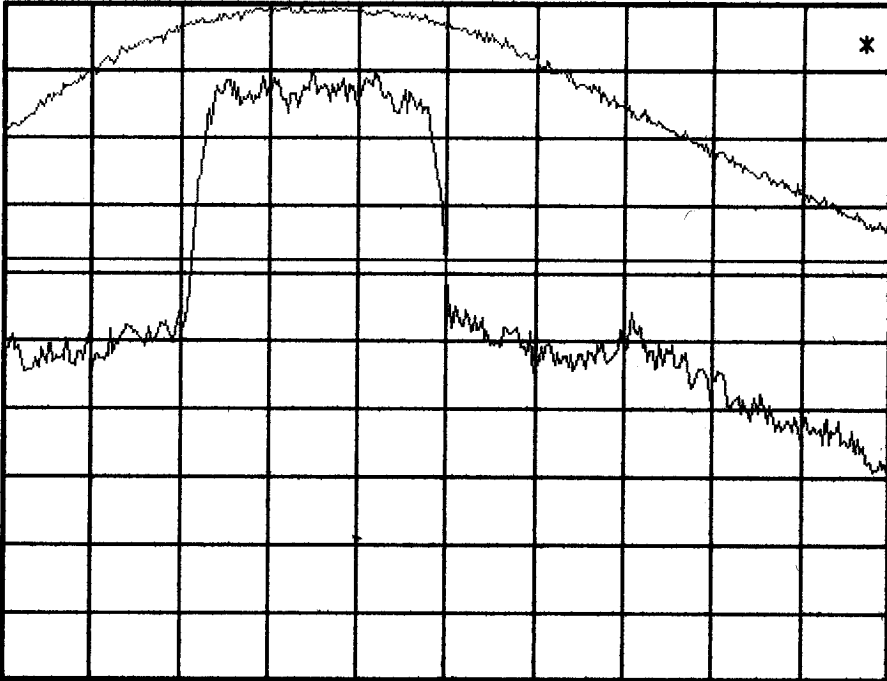
-13.0

dBm

V1 V2

S3 FC

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

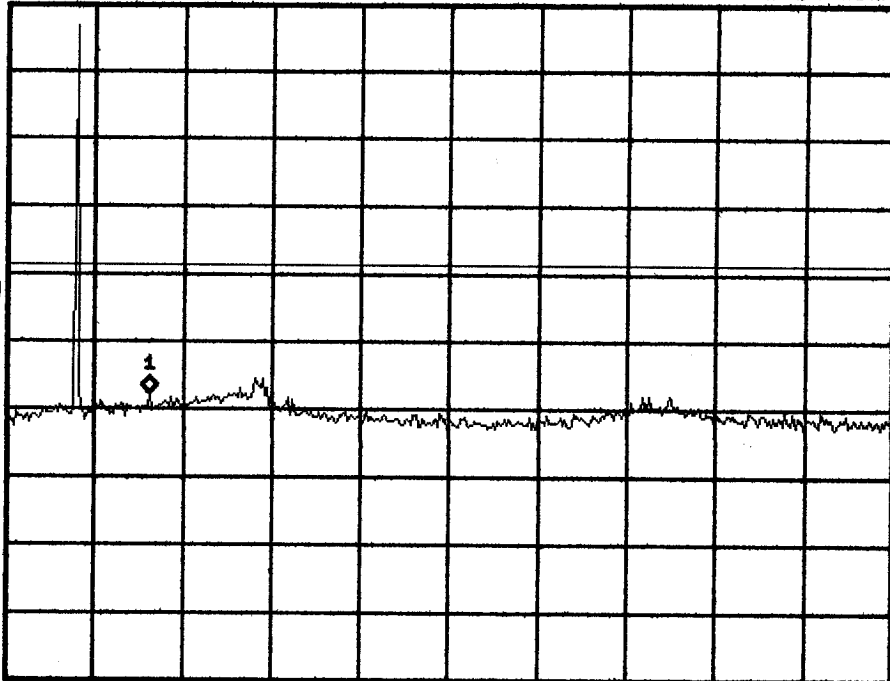
-13.0

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

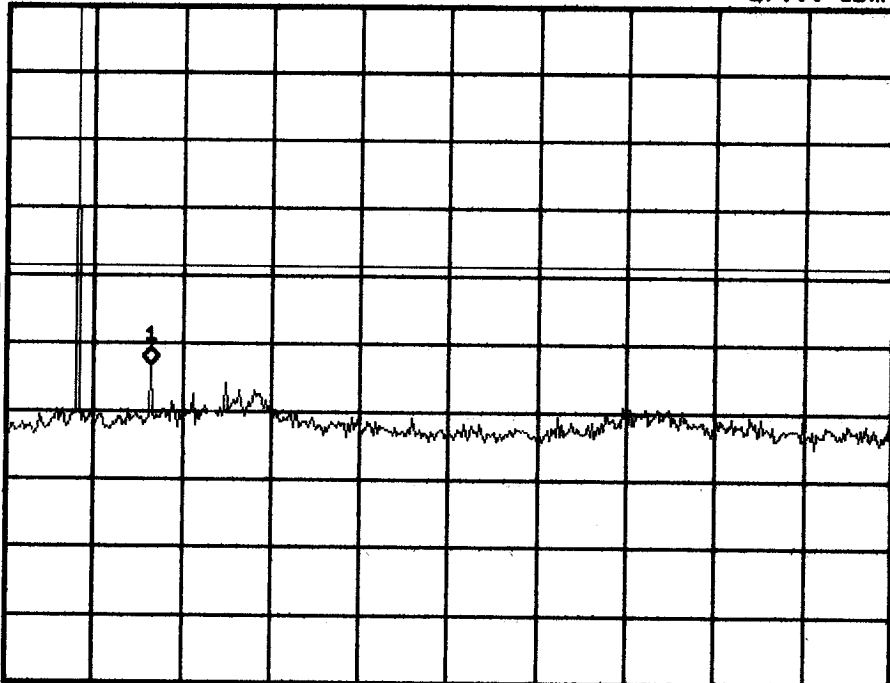
More
1 of 2

FCC ID:A3LSCH620 CON SPURS FM C383
Ref 25.5 dBm Atten 35 dB

Mkr1 1.667 GHz
-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

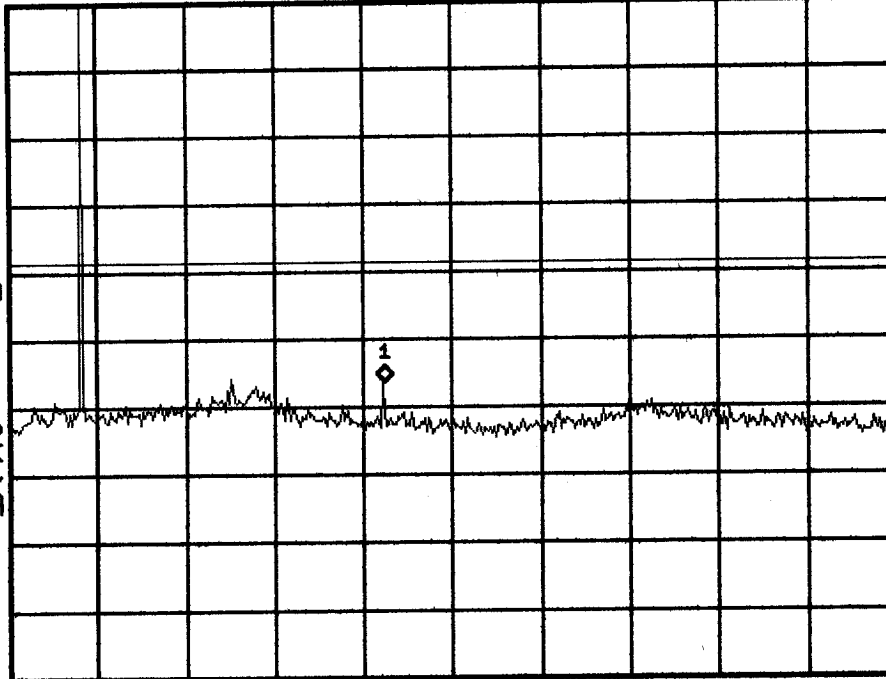
-13.0

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

RA

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



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

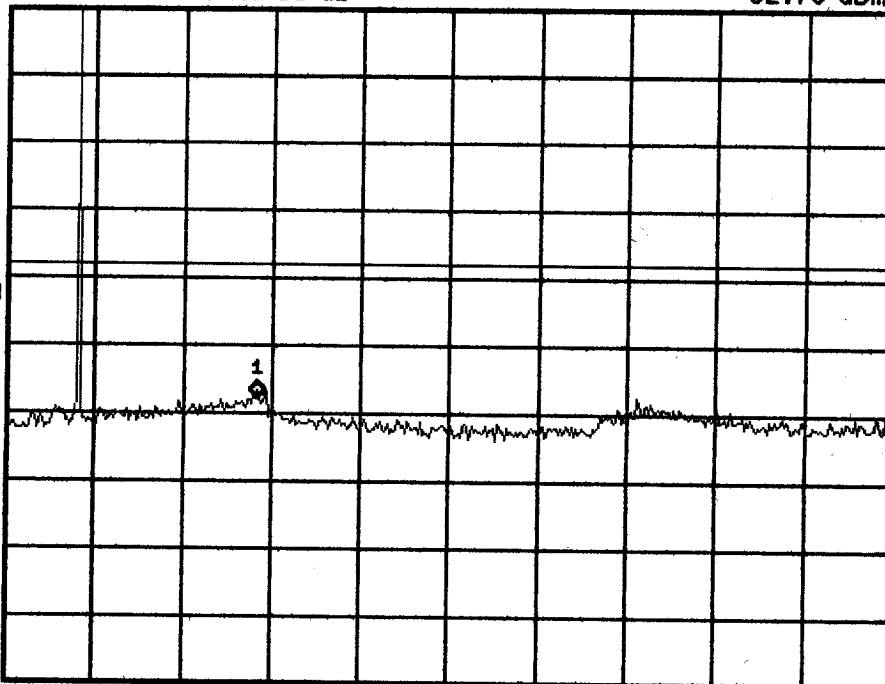
-13.0

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

Mkr1 1.642 GHz

Ref 25 dBm

Atten 35 dB

-23.14 dBm

Peak

Log

10

dB/

Offst

1.4

dB

DI

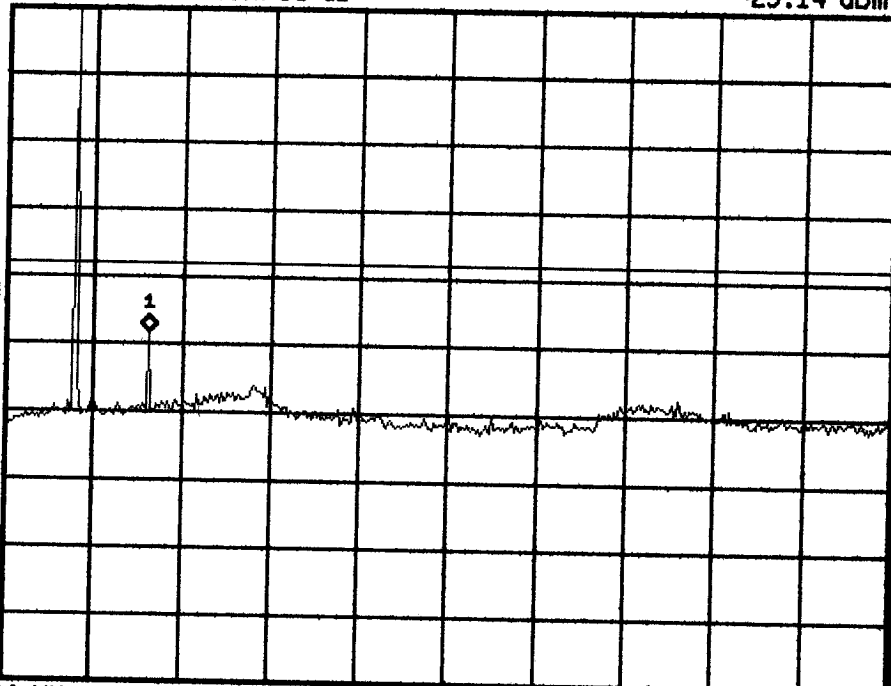
-13.0

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