

hp 13:28:56 May 16, 2000

FCC ID:A3LSCHN100 PWR OUT C-0777
Ref 26 dBm Atten 35 dB

Peak
Log
10
dB/
Offst
1.4
dB

V1 S2
S3 FC
AA

Center 848.3 MHz
*Res BW 3 MHz

*VBW 30 kHz

Span 10 MHz
Sweep 5 ms

Trace

Trace

1 2 3

Clear Write

Max Hold

Min Hold

View

Blank

More
1 of 2

hp 13:30:05 May 16, 2000

FCC ID:A3LSCHN100 PWR OUT C-0777
Ref 26 dBm Atten 35 dB

Samp
Log
10
dB/
Offst
1.4
dB

Center 848.3 MHz
*Res BW 30 kHz

*VBW 300 kHz

Span 3 MHz
Sweep 9.167 ms

Measure

Meas Off

ACP

Channel Power

Occupied BW

Emission BW

Harmonic Dist

Occupied Bandwidth Results (idle)

Occupied Bandwidth
1.251 MHz

Occ BW % Pwr 99.00 %

Transmit Freq Error 19.62 kHz

hp 13:24:59 May 16, 2000

FCC ID:A3LSCHN100 PWR OUT C-0363

Ref 26 dBm Atten 35 dB

Peak
Log
10
dB/
Offst
1.4
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

1.00000000 MHz

Auto Man

Freq Offset

0.00000000 Hz

Signal Track

On Off

hp 13:26:09 May 16, 2000

FCC ID:A3LSCHN100 PWR OUT C-0363

Ref 26 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

Measure

Meas Off

ACP

Channel Power

Occupied BW

Emission BW

Harmonic Dist

Occupied Bandwidth Results (idle)

Occupied Bandwidth

1.252 MHz

Occ BW % Pwr 99.00 %

Transmit Freq Error 9.644 kHz

hp 13:23:11 May 16, 2000

FCC ID:A3LSCHN100 PWR OUT C-1013

Ref 26 dBm

Atten 35 dB

Peak

Log

10

dB/

Offst

1.4

dB

V1 S2

S3 FC

AA

Center 824.7 MHz

*Res BW 3 MHz

*VBW 3 MHz

Span 10 MHz

Sweep 5 ms

Display

Full Screen

Display Line

-13.00 dBm

On

Off

Limits

Title

Preferences

hp 13:24:19 May 16, 2000

FCC ID:A3LSCHN100 PWR OUT C-0363

Ref 26 dBm

Atten 35 dB

Peak

Log

10

dB/

Offst

1.4

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

1.00000000 MHz

Auto

Man

Freq Offset

0.00000000 Hz

Signal Track

On

Off

hp 13:15:12 May 16, 2000

FCC ID:A3LSCHN100 CON SPURS C-1013

Ref 26 dBm

Atten 35 dB

Mkr1 1.644 GHz

-33.5 dBm

Peak

Log

10

dB/

Offst

1.4

dB

DI

-13.0

dBm

M1 S2

S3 FC

AA

Start 20 MHz

*Res BW 1 MHz

VBW 1 MHz

Stop 2.5 GHz

Sweep 6.2 ms

Marker

Select Marker

1 2 3 4

Normal

Delta

Band Pair

Start

Stop

Span Pair

Span

Center

Off

More

1 of 2

hp 13:15:59 May 16, 2000

FCC ID:A3LSCHN100 CON SPURS C-1013

Ref 26 dBm

Atten 35 dB

Mkr1 3.081 GHz

-33.27 dBm

Peak

Log

10

dB/

Offst

1.4

dB

DI

-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

10.00000000 GHz

CF Step

750.000000 MHz

Auto Man

Freq Offset

0.00000000 Hz

Signal Track

On Off

hp 13:12:42 May 16, 2000

FCC ID:A3LSCHN100 CON SPURS C-0363

Ref 26 dBm

Atten 35 dB

Mkr1 1.669 GHz

-32.95 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 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

hp 13:13:30 May 16, 2000

FCC ID:A3LSCHN100 CON SPURS C-0363

Ref 26 dBm

Atten 35 dB

Mkr1 7.188 GHz

-32.8 dBm

Peak
Log
10
dB/
Offst
1.4
dB
DI
-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

hp 13:09:10 May 16, 2000

FCC ID:A3LSCHN100 CON SPURS C-0777

Ref 26 dBm

Atten 35 dB

Mkr1 2.395 GHz

-30.14 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 2.5 GHz

Sweep 6.2 ms

Print Setup

Print

Screen

Report

Printer Type

Auto

Define
Custom

Orientation

Portrait

Color

On

Off

Prints/Page

1

2

Eject Page

hp 13:09:58 May 16, 2000

FCC ID:A3LSCHN100 CON SPURS C-0777

Ref 26 dBm

Atten 35 dB

Mkr1 7.356 GHz

-33.9 dBm

Peak

Log

10

dB/

Offst

1.4

dB

DI

-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

10.00000000 GHz

CF Step

750.000000 MHz

Auto

Man

Freq Offset

0.00000000 Hz

Signal Track

On

Off

hp 13:03:24 May 16, 2000

FCC ID:A3LSCHN100 BAND EDGE C-1013

Ref 26 dBm

Atten 35 dB

Peak

Log

10

dB/

Offst

1.4

dB

DI

-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

Marker

Select Marker

1 2 3 4

Normal

Delta

Band Pair

Start

Stop

Span Pair

Span

Center

Off

More

1 of 2

hp 13:04:48 May 16, 2000

FCC ID:A3LSCHN100 BAND EDGE C-0777

Ref 26 dBm

Atten 35 dB

Peak

Log

10

dB/

Offst

1.4

dB

DI

-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

hp 09:46:09 May 15, 2000

FCC ID:A3LSCHN100 FM CON SPURS C-0400

Ref 27 dBm

Atten 40 dB

Mkr1 1.657 GHz

-30.23 dBm

Peak

Log

10

dB/

Offst

1.4

dB

DI

-13.0

dBm

M1 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

hp 09:47:23 May 15, 2000

FCC ID:A3LSCHN100 FM CON SPURS C-0400

Ref 27 dBm

Atten 40 dB

Mkr1 7.272 GHz

-29.9 dBm

Peak

Log

10

dB/

Offst

1.4

dB

DI

-13.0

dBm

V1 S2

S3 FC

AA

Start 2.5 GHz

*Res BW 1 MHz

*VBW 1 MHz

Stop 10.08 GHz

Sweep 18.94 ms

Freq/Channel

Center Freq

6.28759375 GHz

Start Freq

2.50000000 GHz

Stop Freq

10.0751875 GHz

CF Step

757.518750 MHz

Auto

Man

Freq Offset

0.00000000 Hz

Signal Track

On

Off

hp 09:32:54 May 15, 2000

FCC ID:A3LSCHN100 FM CON SPURS C-0799

Mkr1 1.576 GHz

Ref 27 dBm

Atten 40 dB

-31.15 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 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

hp 09:33:41 May 15, 2000

FCC ID:A3LSCHN100 FM CON SPURS C-0799

Mkr1 7.319 GHz

Ref 27 dBm

Atten 40 dB

-30.39 dBm

Peak

Log

10

dB/

Offst

1.4

dB

DI

-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

hp 09:08:44 May 15, 2000

FCC ID:A3LSCHN100 FM CON SPURS C-0383

Mkr1 1.657 GHz

Ref 27 dBm

Atten 40 dB

-32.07 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 2.5 GHz

Sweep 6.2 ms

Trace

Trace

1 2 3

Clear Write

Max Hold

Min Hold

View

Blank

More

1 of 2

hp 09:09:33 May 15, 2000

FCC ID:A3LSCHN100 FM CON SPURS C-0383

Mkr1 7.450 GHz

Ref 27 dBm

Atten 40 dB

-30.64 dBm

Peak

Log

10

dB/

Offst

1.4

dB

DI

-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

10.00000000 GHz

CF Step

750.000000 MHz

Auto Man

Freq Offset

0.00000000 Hz

Signal Track

On Off

hp 09:43:16 May 15, 2000

FCC ID:A3LSCHN100 FM CON SPURS C-0991

Mkr1 1.620 GHz

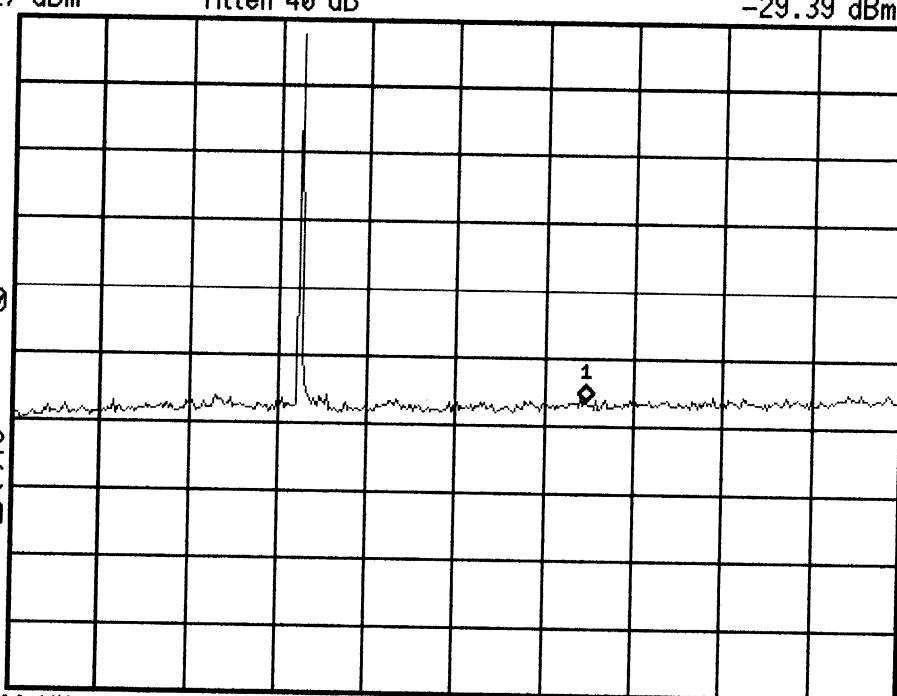
Ref 27 dBm

Atten 40 dB

-29.39 dBm

Peak
Log
10
dB/
Offst
1.4
dB
DI
-13.0
dBm

M1 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

hp 09:43:58 May 15, 2000

FCC ID:A3LSCHN100 FM CON SPURS C-0991

Mkr1 7.413 GHz

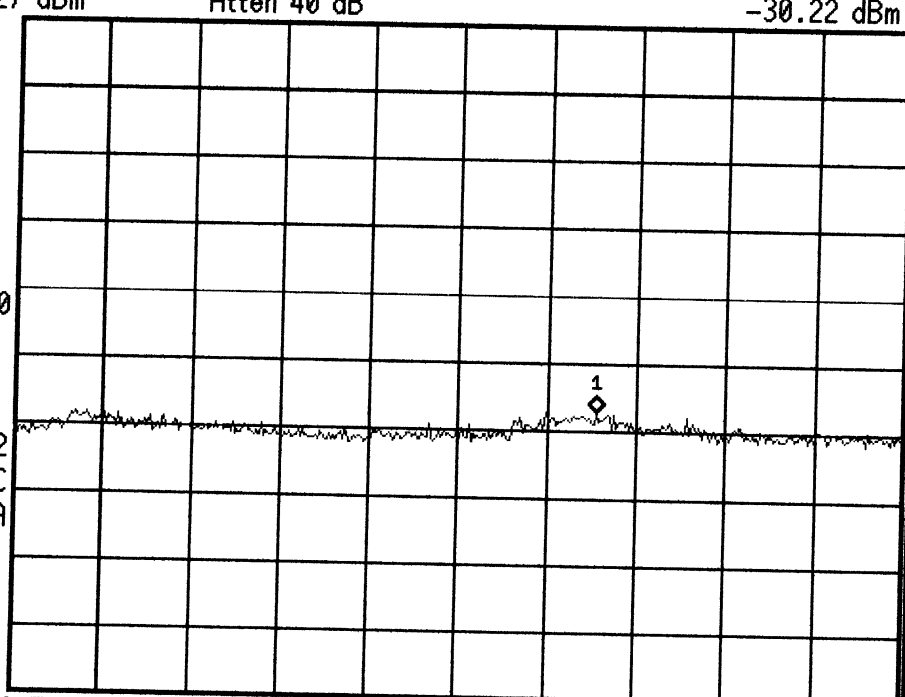
Ref 27 dBm

Atten 40 dB

-30.22 dBm

Peak
Log
10
dB/
Offst
1.4
dB
DI
-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

Marker Search

Meas Tools

Next Peak

Next Pk Right

Next Pk Left

Min Search

Pk-Pk Search

More
1 of 2

PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCHN100

SAMSUNG DUAL MODE PHONE

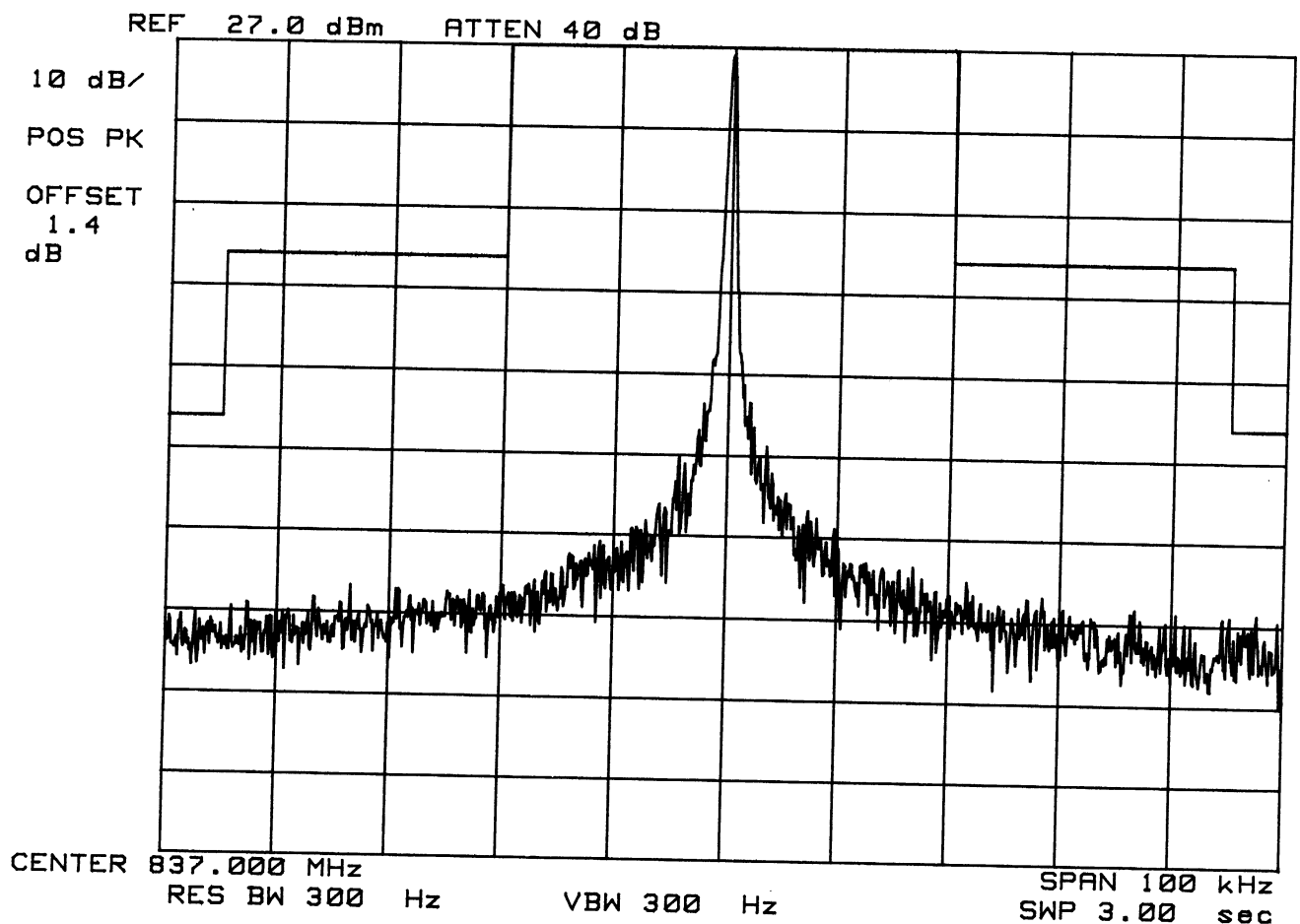
FM MODE

CH-0400

Operating Frequency: 837.000 MHz

Output Power : 27.0 dBm

Test Mode:Unmodulated Signal



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCHN100

SAMSUNG DUAL MODE PHONE

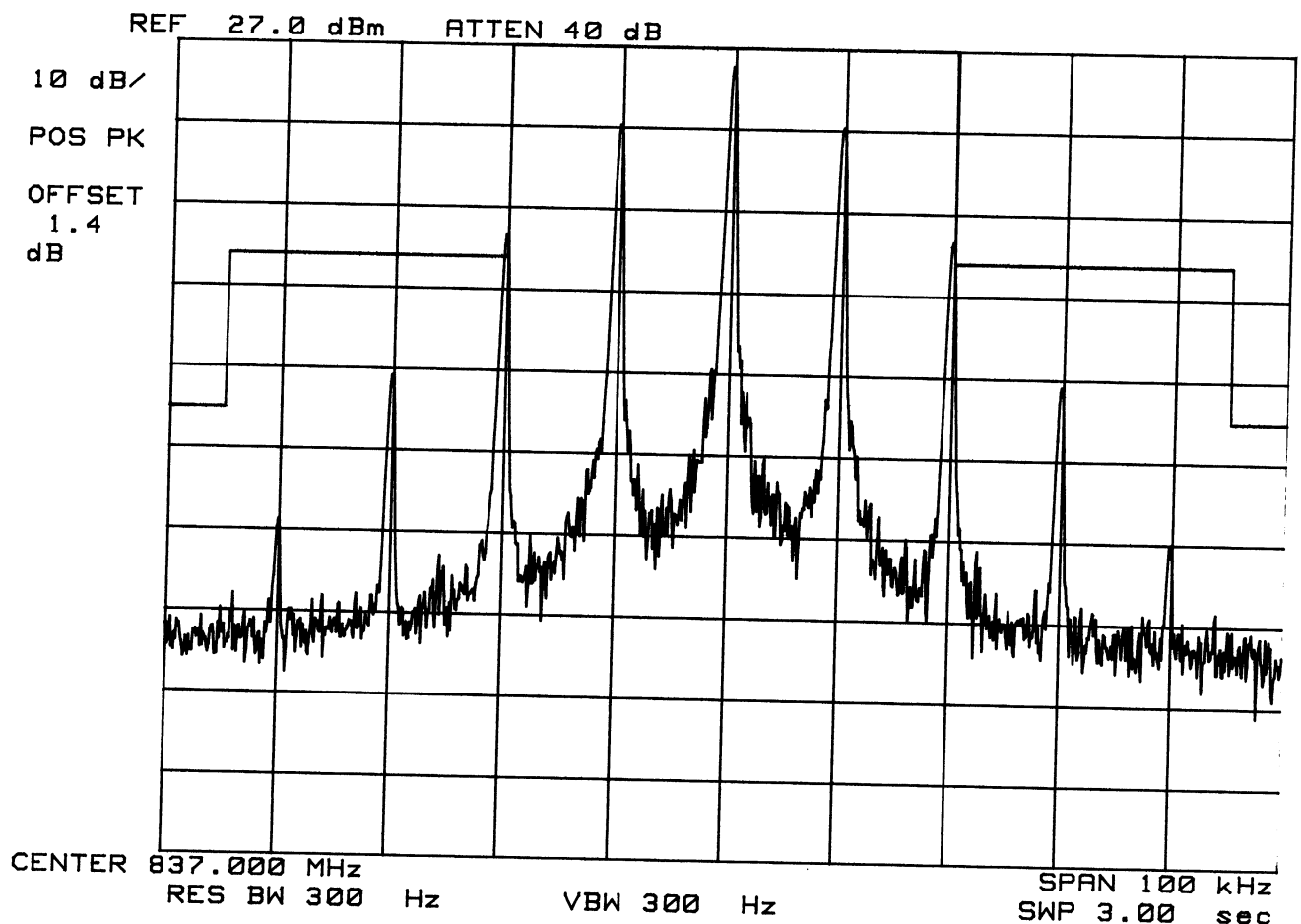
FM MODE

CH-0400

Operating Frequency: 837.000 MHz

Output Power : 27.0 dBm

Test Mode:ST



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCHN100

SAMSUNG DUAL MODE PHONE

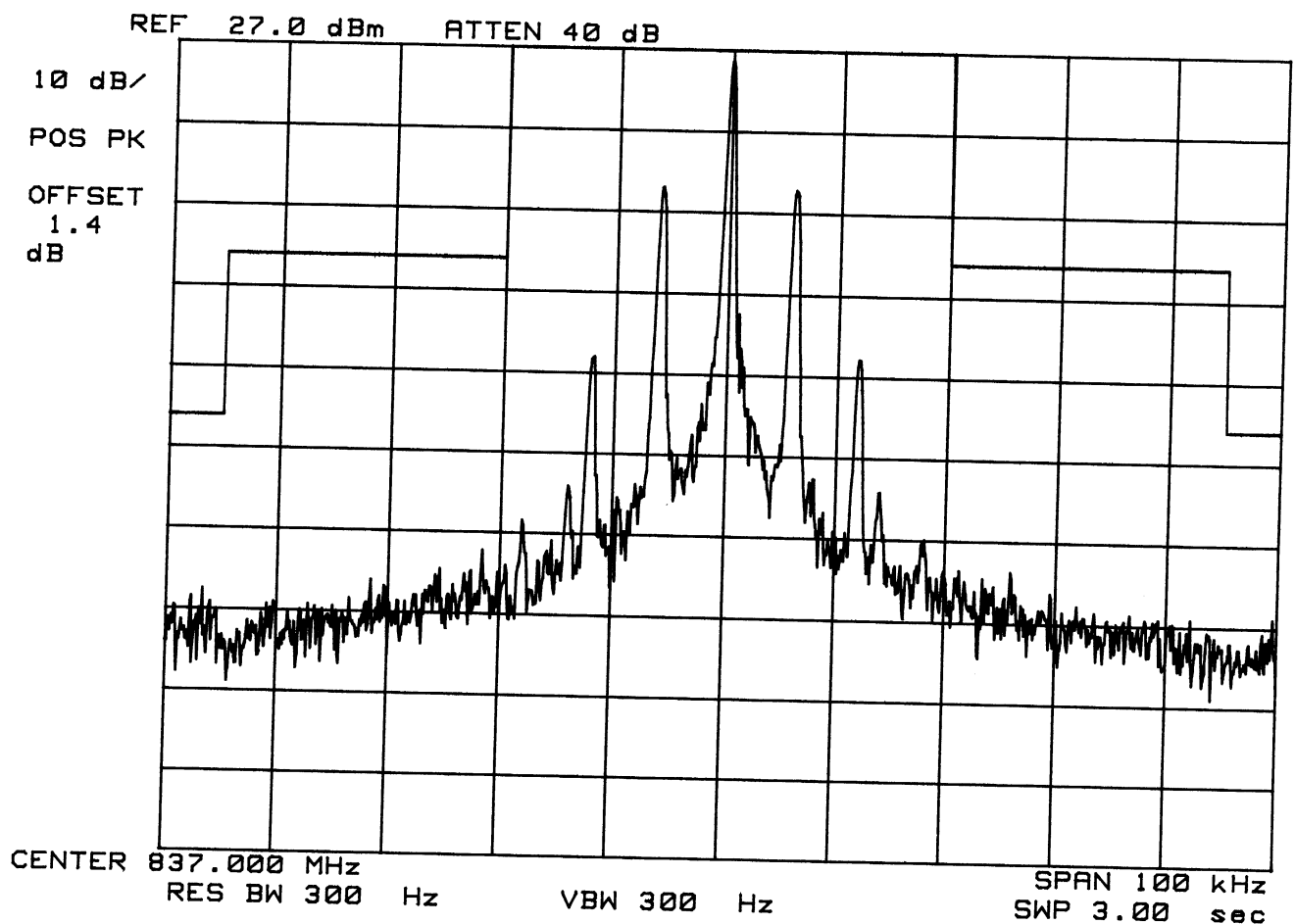
FM MODE

CH-0400

Operating Frequency: 837.000 MHz

Output Power : 27.0 dBm

Test Mode:SAT



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCHN100

SAMSUNG DUAL MODE PHONE

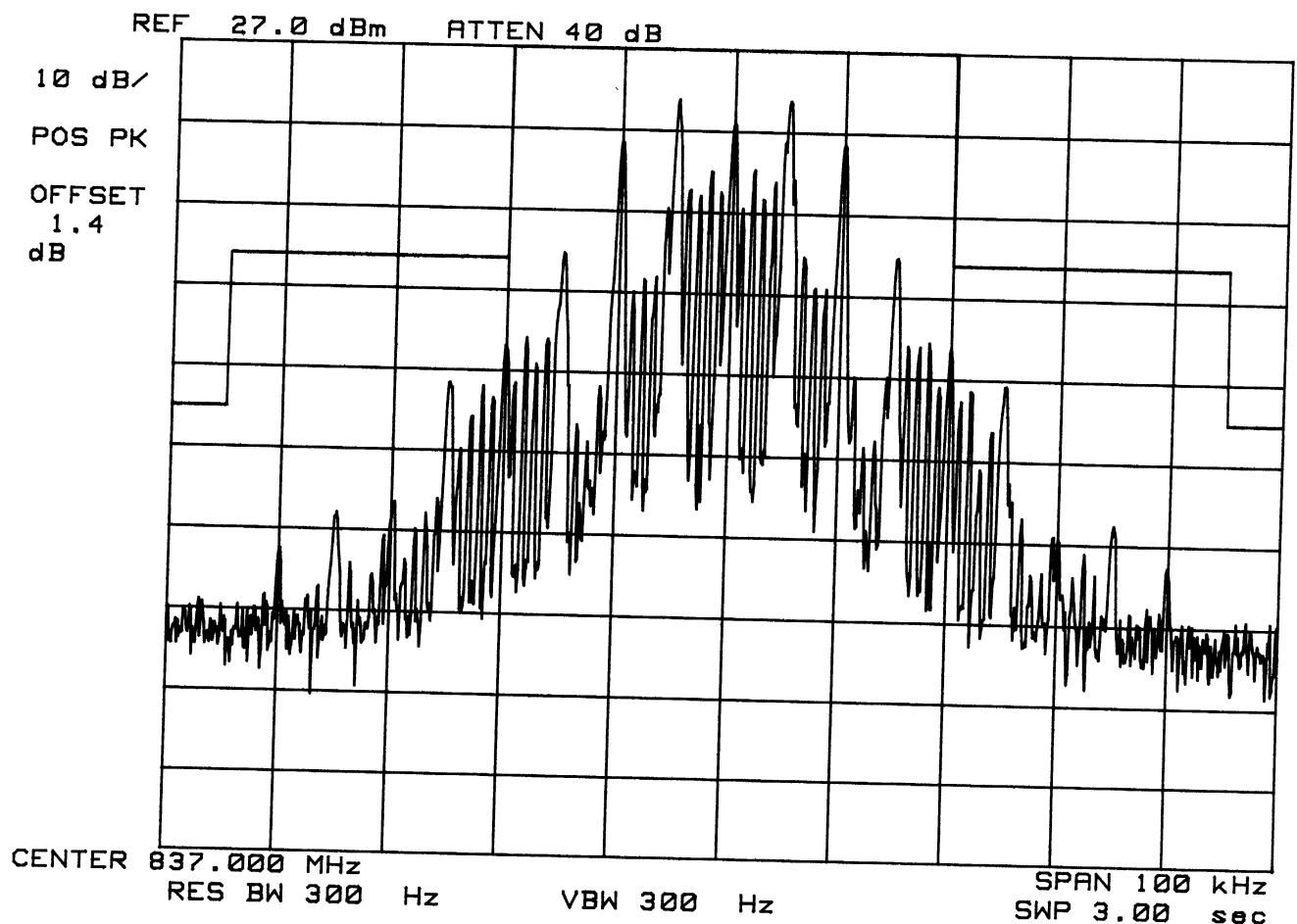
FM MODE

CH-0400

Operating Frequency: 837.000 MHz

Output Power : 27.0 dBm

Test Mode:Wide Band Data



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCHN100

SAMSUNG DUAL MODE PHONE

FM MODE

CH-0400

Operating Frequency: 837.000 MHz

Output Power : 27.0 dBm

Test Mode:Voice

