

PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSTHN395

SAMSUNG

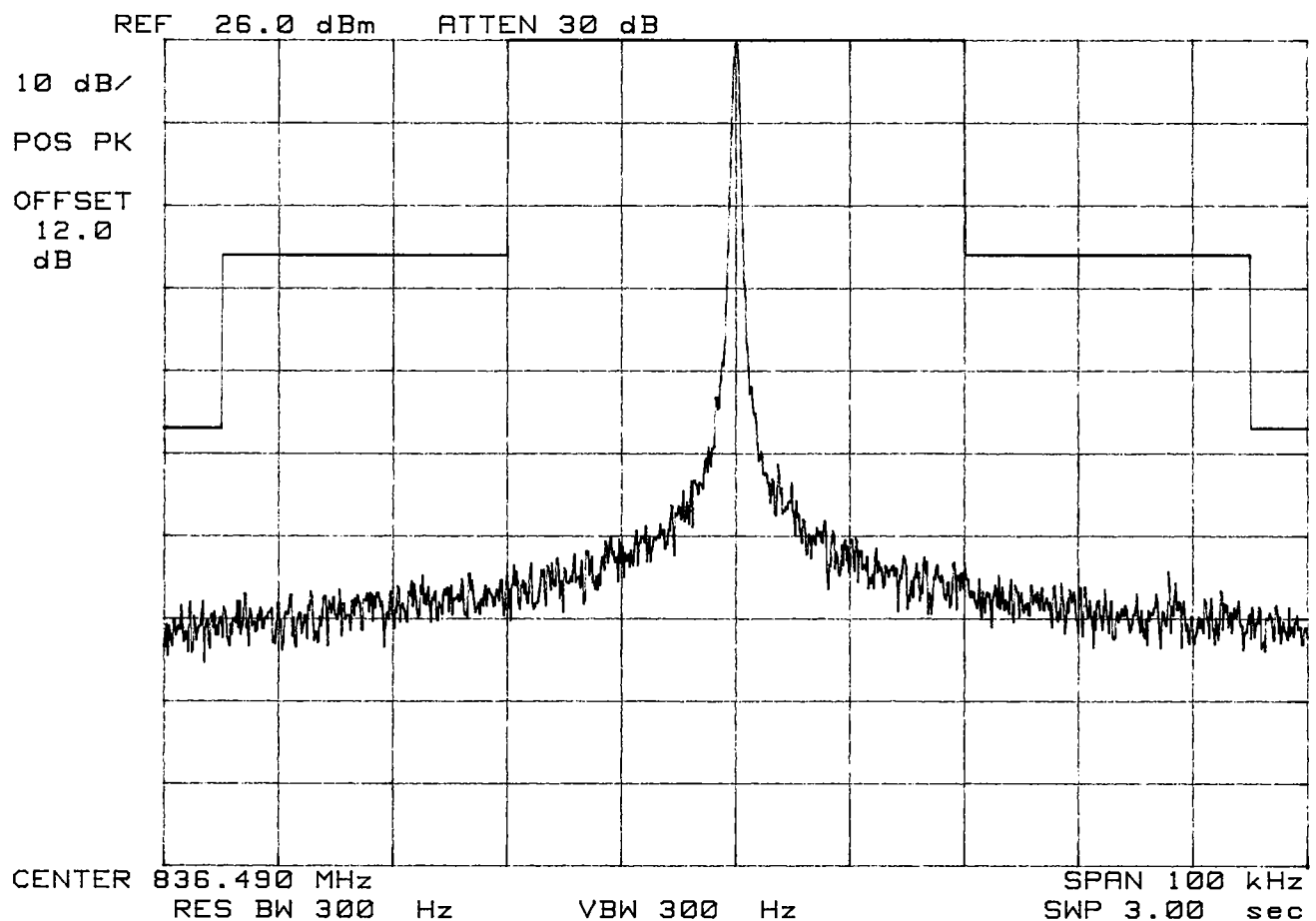
Dual-Mode Phone

FM Channel 383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:Unmodulated Signal



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

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SAMSUNG

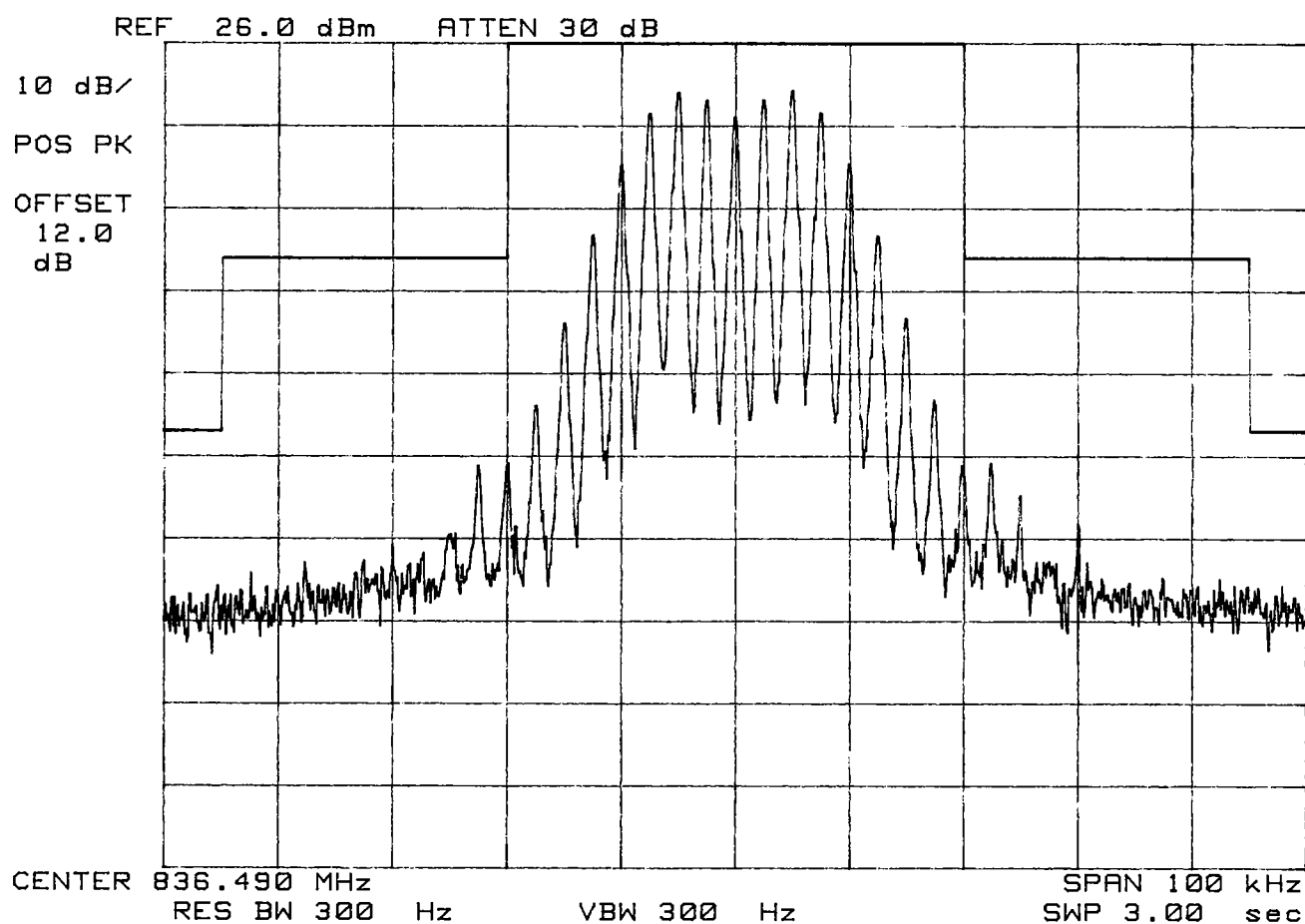
Dual-Mode Phone

FM Channel 383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:Voice



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSTHN395

SAMSUNG

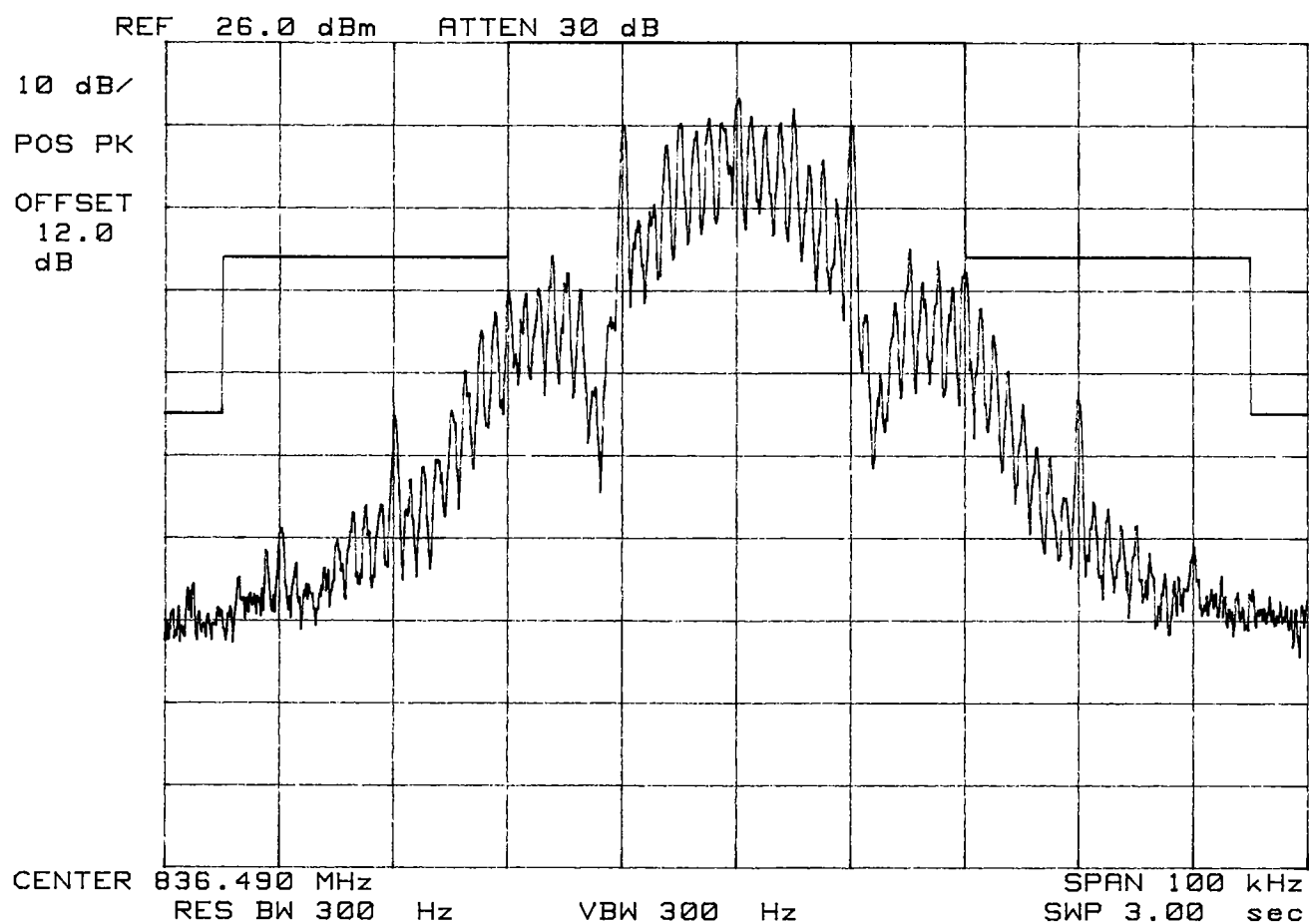
Dual-Mode Phone

FM Channel 383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:Wide Band Data



PCTEST Engineering Lab.

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SAMSUNG

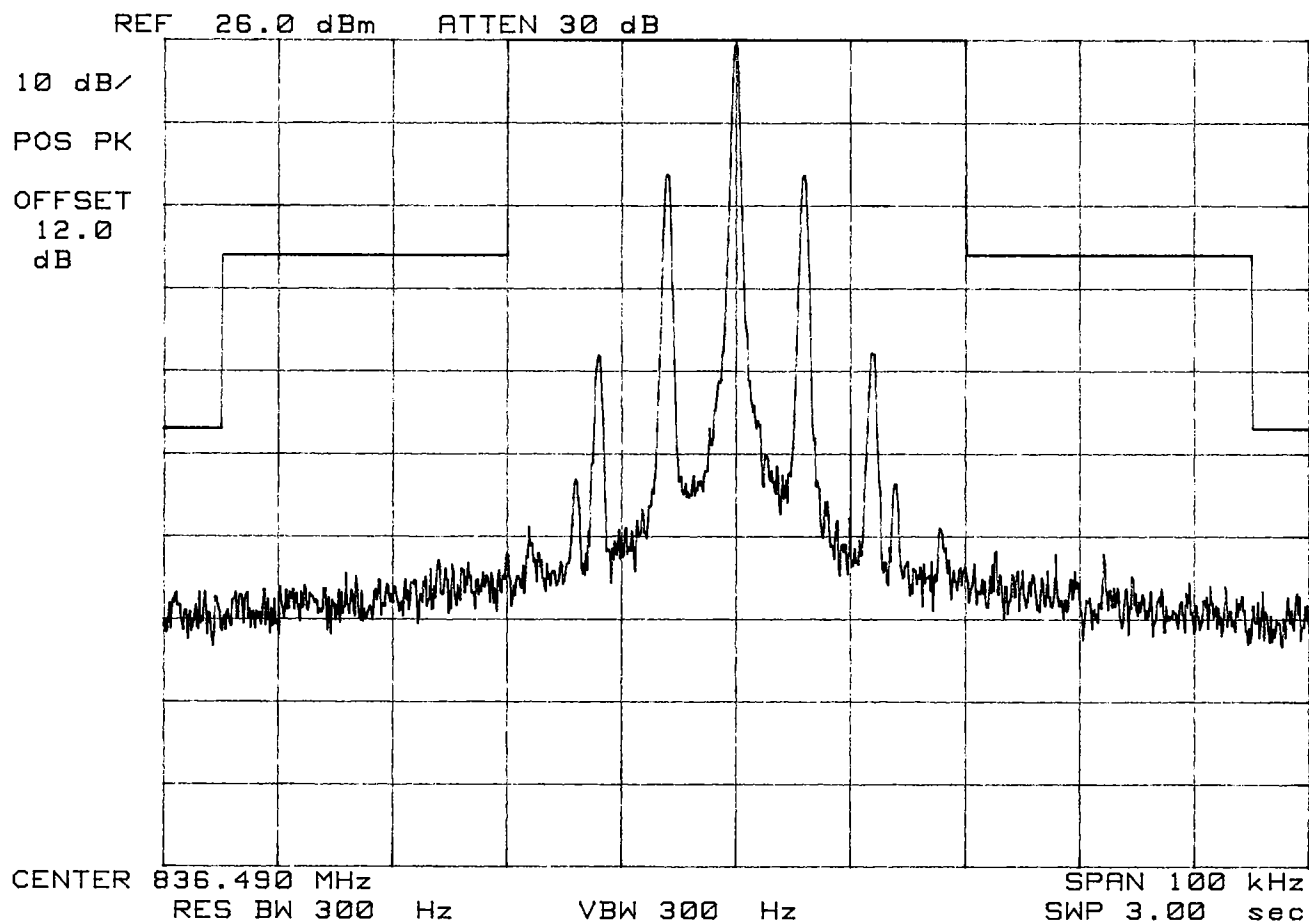
Dual-Mode Phone

FM Channel 383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:SAT



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSTHN395

SAMSUNG

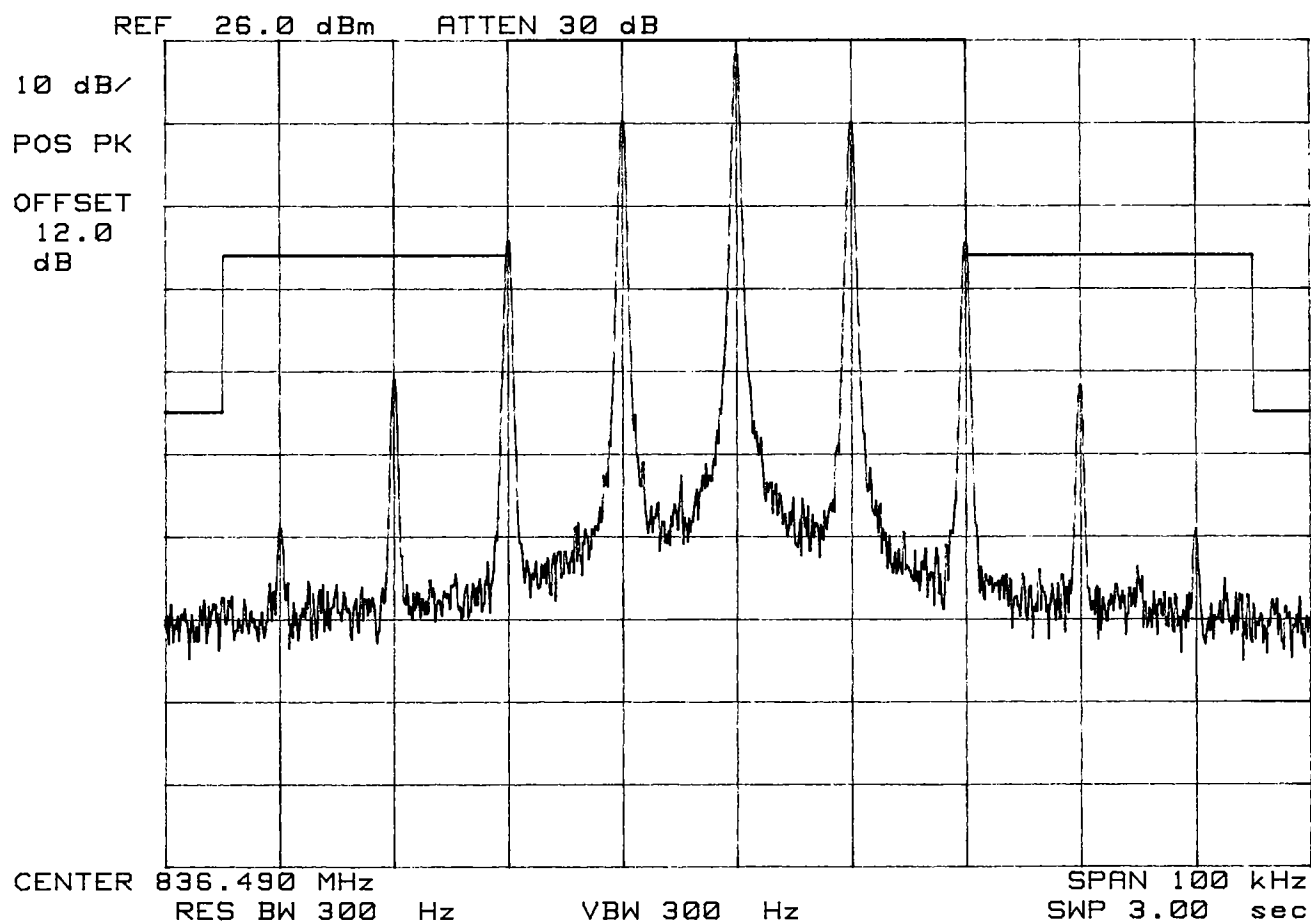
Dual-Mode Phone

FM Channel 383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:ST



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSTHN395

SAMSUNG

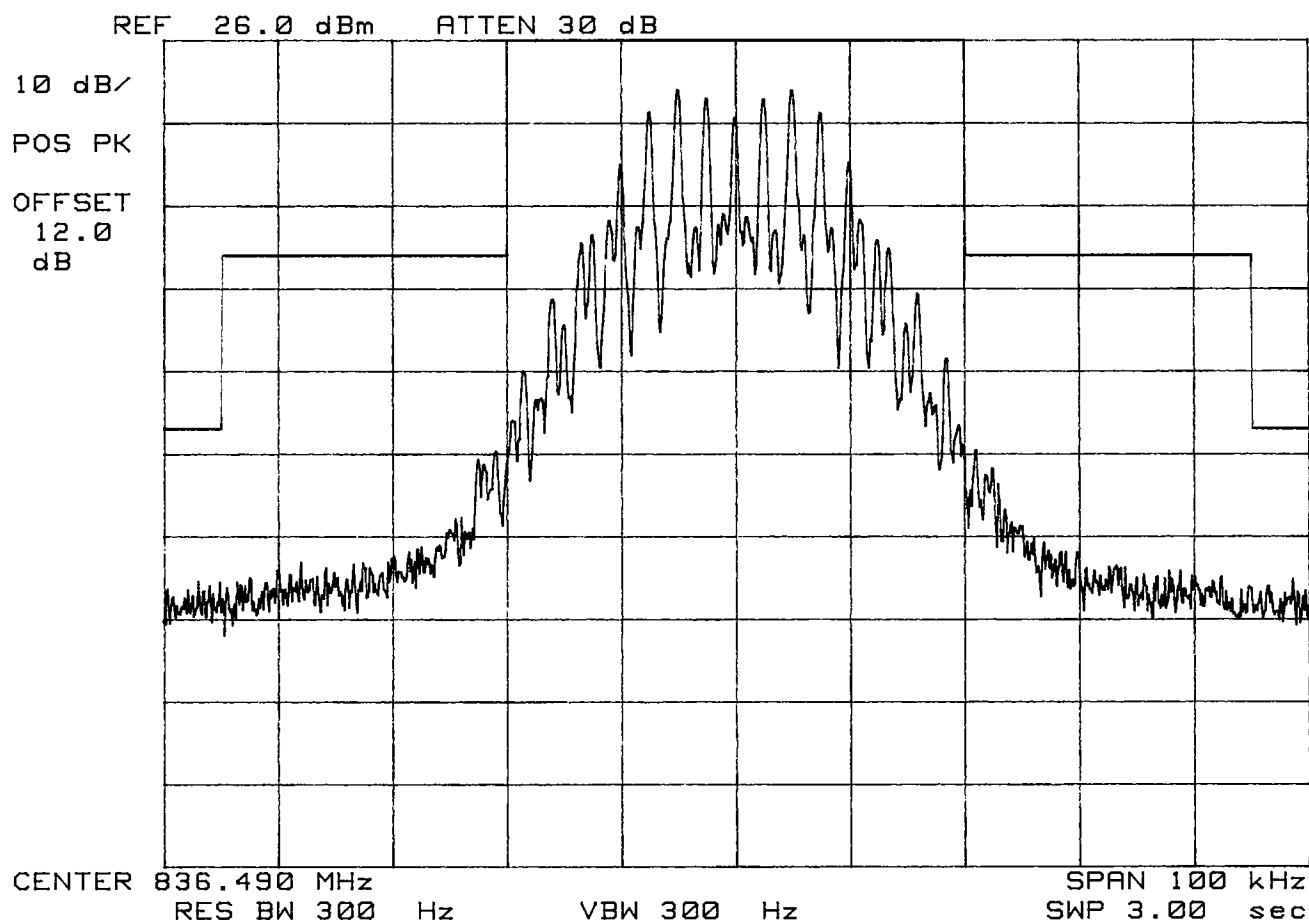
Dual-Mode Phone

FM Channel 383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:SAT + Voice



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SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSTHN395

SAMSUNG

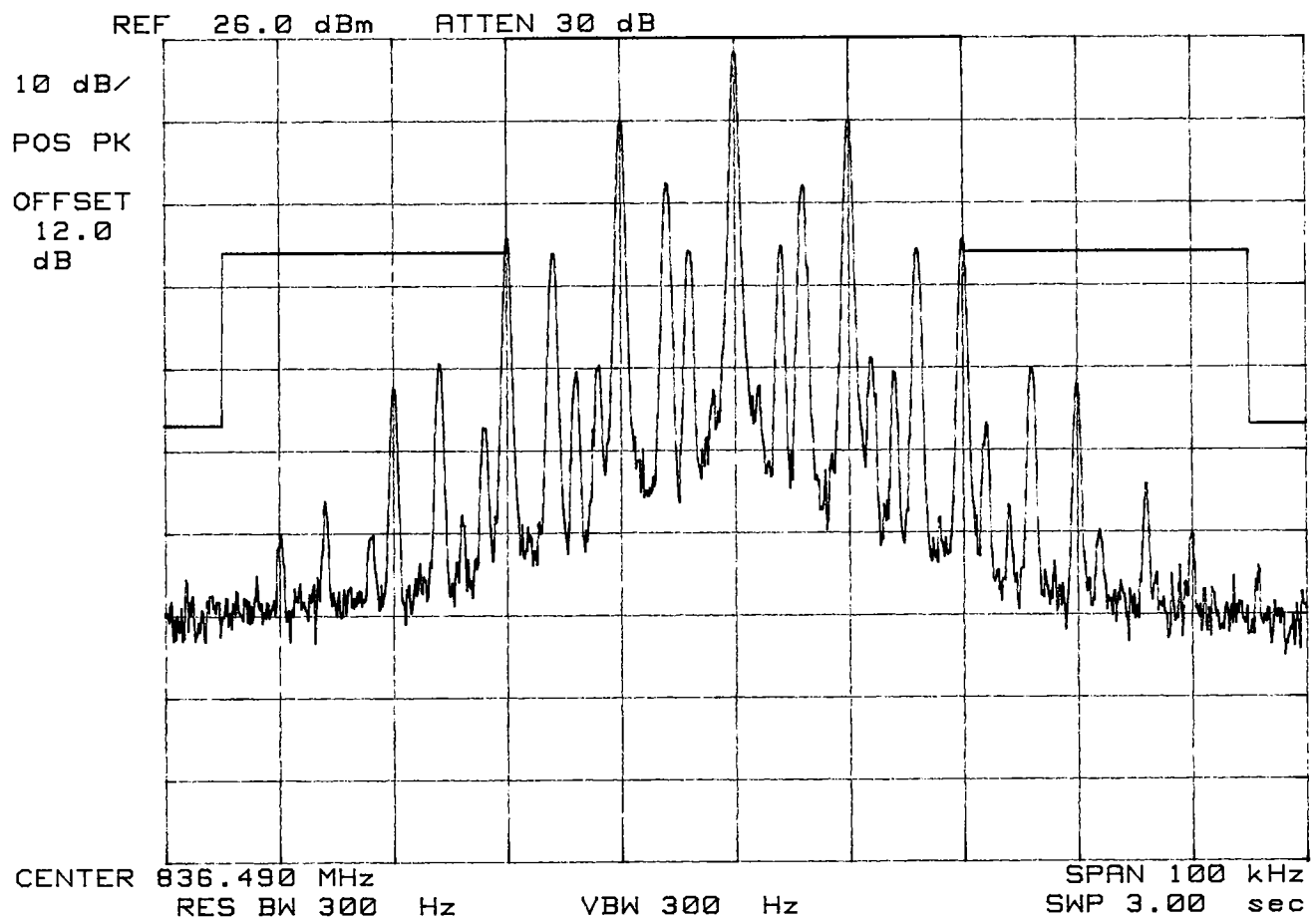
Dual-Mode Phone

FM Channel 383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:SAT + ST



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SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSTHN395

SAMSUNG

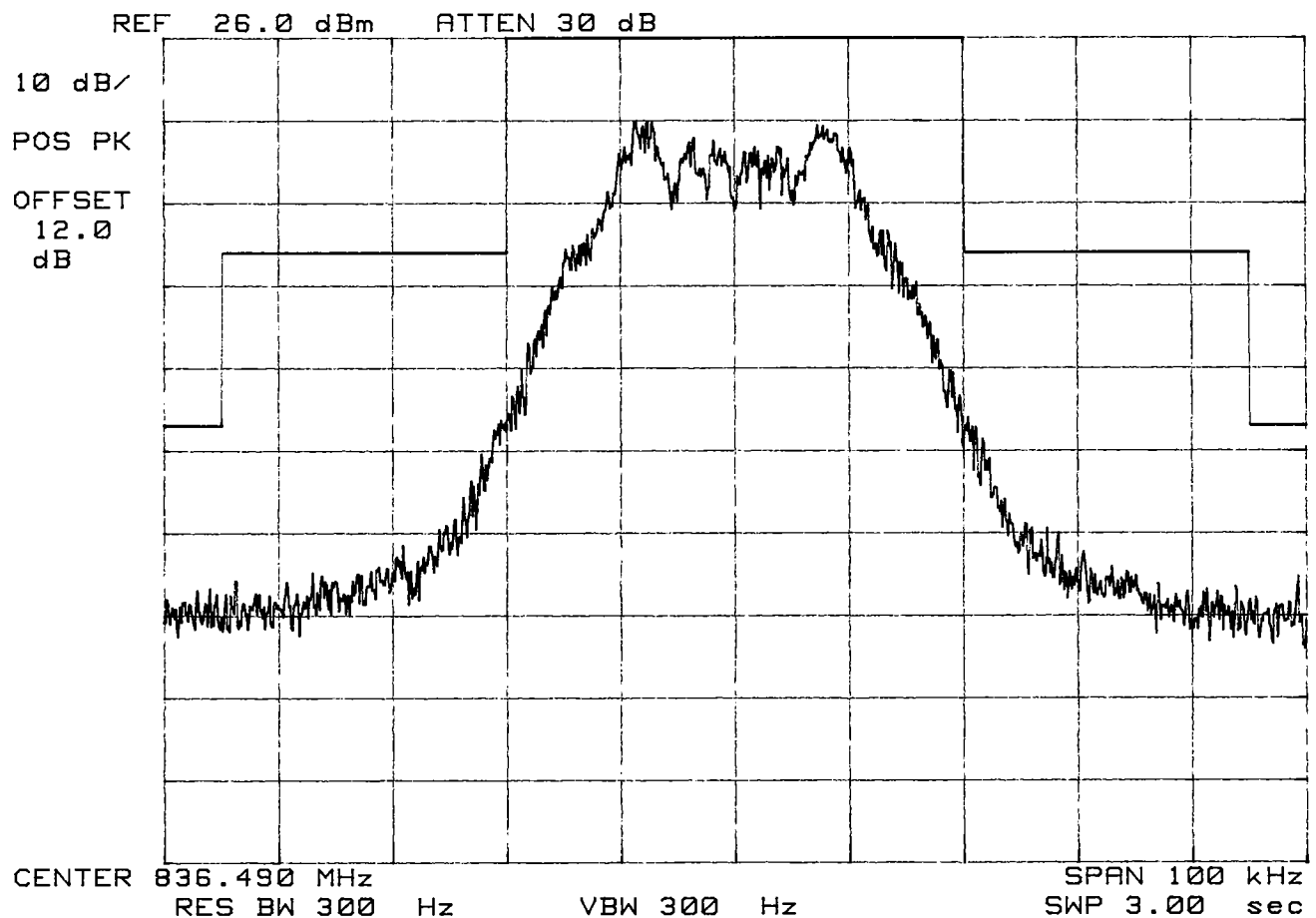
Dual-Mode Phone

FM Channel 383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

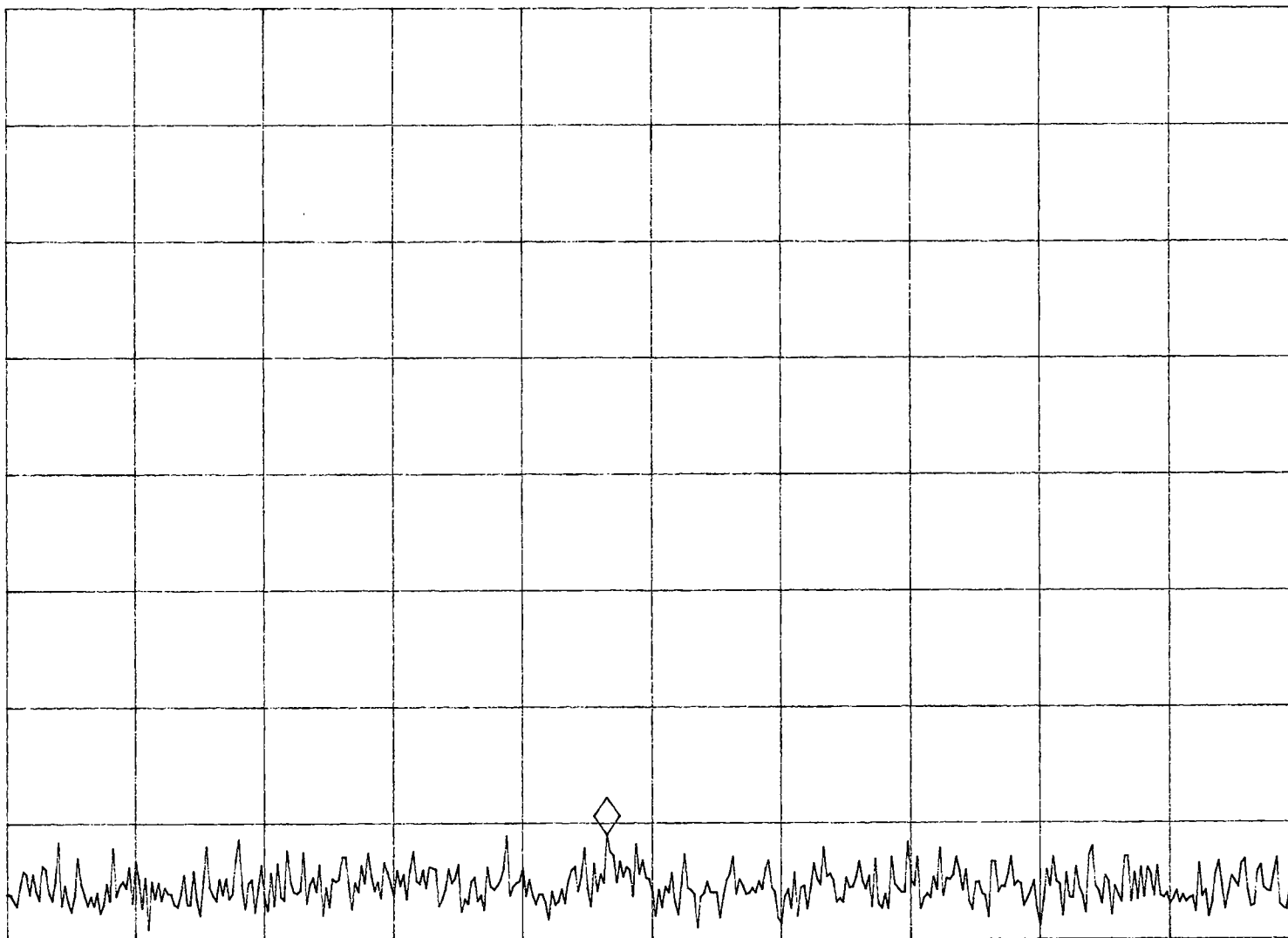
Test Mode:SAT + DTMF



~~HP~~ FCC ID: A3LSTHN395 FM MODE MKR 880.62 MHz
REF -60.0 dBm ATTEN 10 dB PG 25.0 dB -95.48 dBm

PEAK
LOG
5
dB/
OFFST
6.0
dB
DL
-80.0
dBm

VA SB
SC FC
CORR

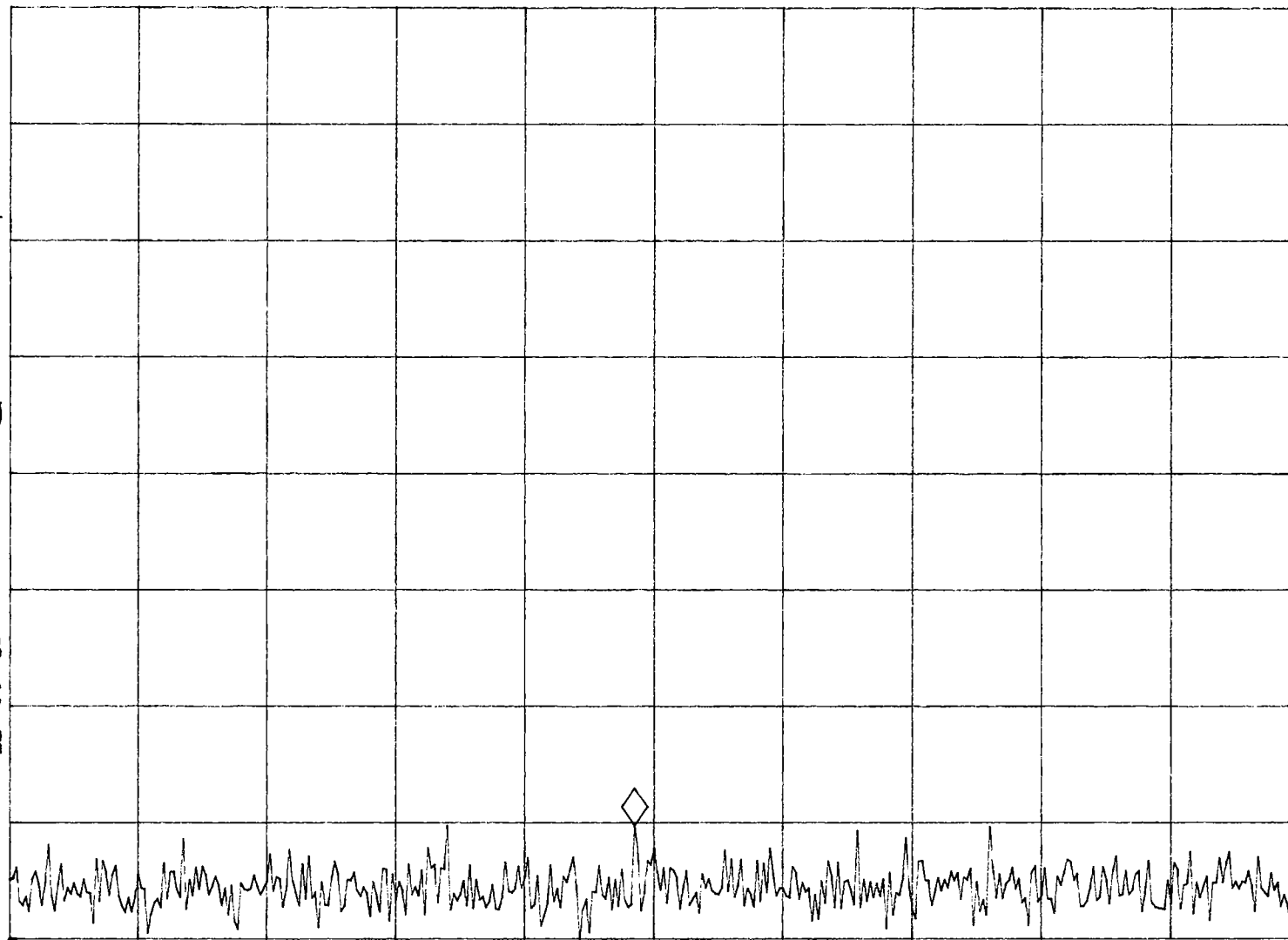


START 869.00 MHz STOP 894.00 MHz
#RES BW 100 kHz #VBW 300 kHz SWP 20 msec

~~h~~ FCC ID: A3LSTHN395 TDMA MODE MKR 881.12 MHz
REF -60.0 dBm ATTEN 10 dB PG 25.0 dB -95.11 dBm

PEAK
LOG
5
dB/
OFFST
6.0
dB
DL
-80.0
dBm

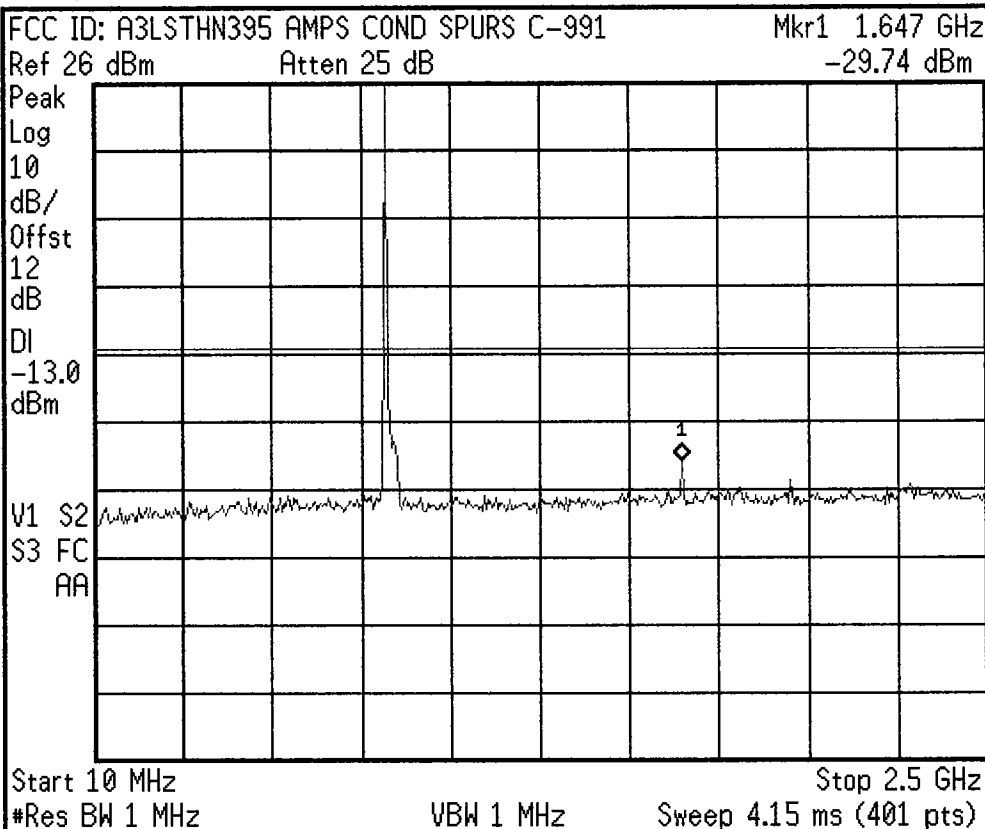
VA SB
SC FC
CORR



START 869.00 MHz STOP 894.00 MHz
#RES BW 100 kHz #VBW 300 kHz SWP 20 msec

Agilent 07:10:07 Jan 8, 2003

L



Freq/Channel

Center Freq
 1.25500000 GHz

Start Freq
 10.0000000 MHz

Stop Freq
 2.50000000 GHz

CF Step
 249.000000 MHz
 Auto Man

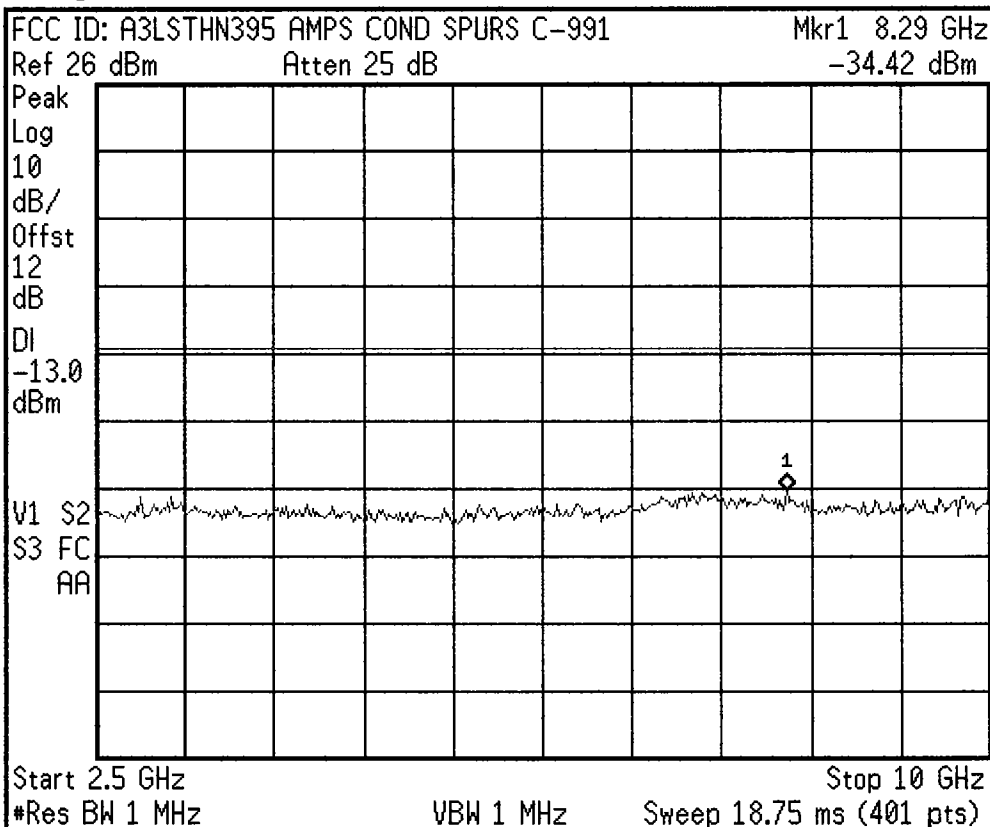
Freq Offset
 0.00000000 Hz

Signal Track
 On Off

Scale Type
 Log Lin

Agilent 07:10:59 Jan 8, 2003

L



Freq/Channel

Center Freq
 6.25000000 GHz

Start Freq
 2.50000000 GHz

Stop Freq
 10.0000000 GHz

CF Step
 750.000000 MHz
 Auto Man

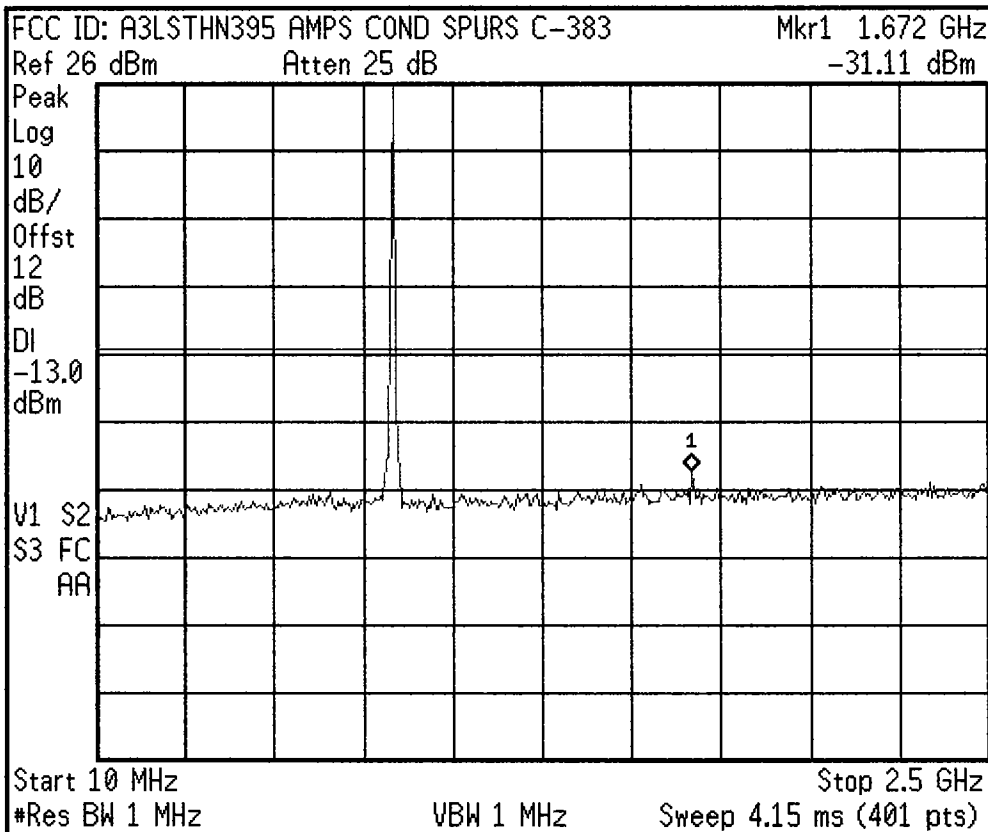
Freq Offset
 0.00000000 Hz

Signal Track
 On Off

Scale Type
 Log Lin

Agilent 07:16:42 Jan 8, 2003

L



Freq/Channel

Center Freq
 1.25500000 GHz

Start Freq
 10.0000000 MHz

Stop Freq
 2.50000000 GHz

CF Step
 249.000000 MHz
 Auto Man

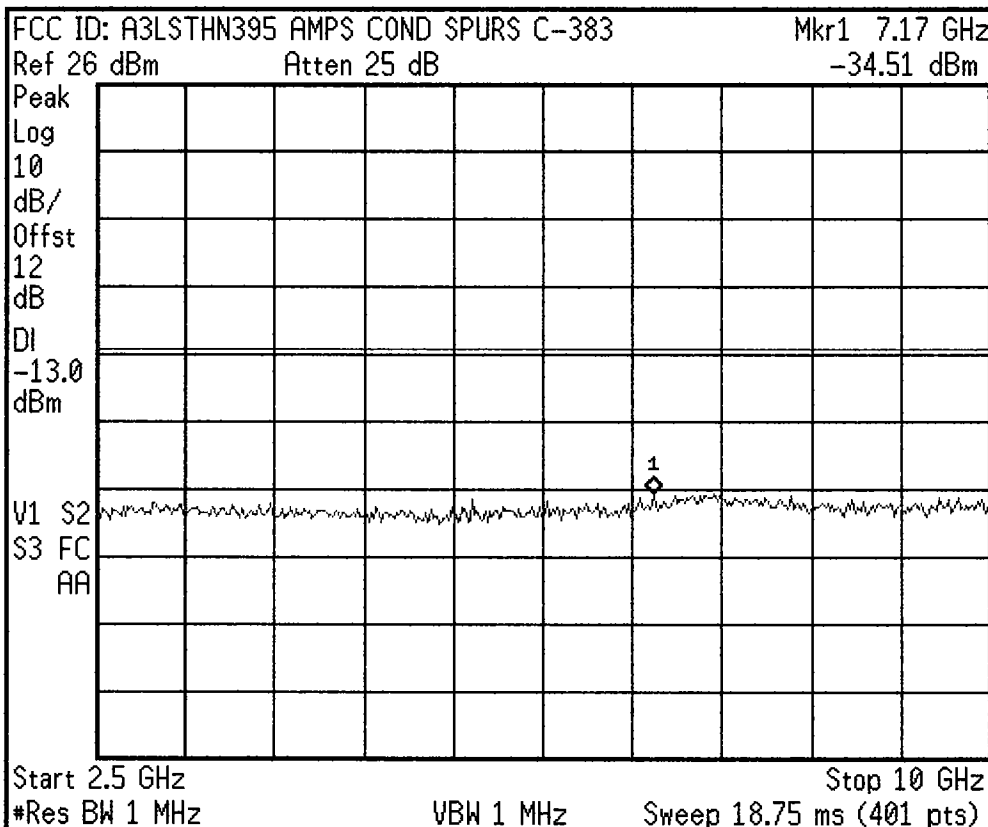
Freq Offset
 0.00000000 Hz

Signal Track
 On Off

Scale Type
 Log Lin

Agilent 07:17:31 Jan 8, 2003

L



Freq/Channel

Center Freq
 6.25000000 GHz

Start Freq
 2.50000000 GHz

Stop Freq
 10.0000000 GHz

CF Step
 750.000000 MHz
 Auto Man

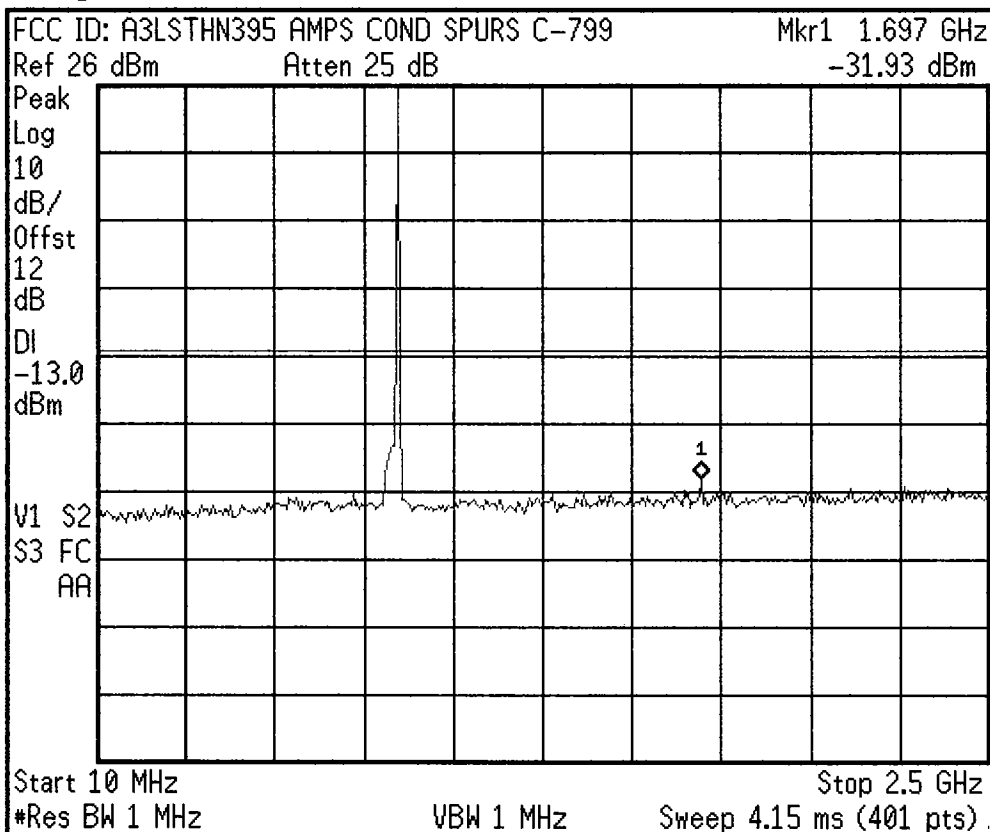
Freq Offset
 0.00000000 Hz

Signal Track
 On Off

Scale Type
 Log Lin

Agilent 07:13:47 Jan 8, 2003

L



Freq/Channel

Center Freq
 1.25500000 GHz

Start Freq
 10.0000000 MHz

Stop Freq
 2.50000000 GHz

CF Step
 249.000000 MHz
 Auto Man

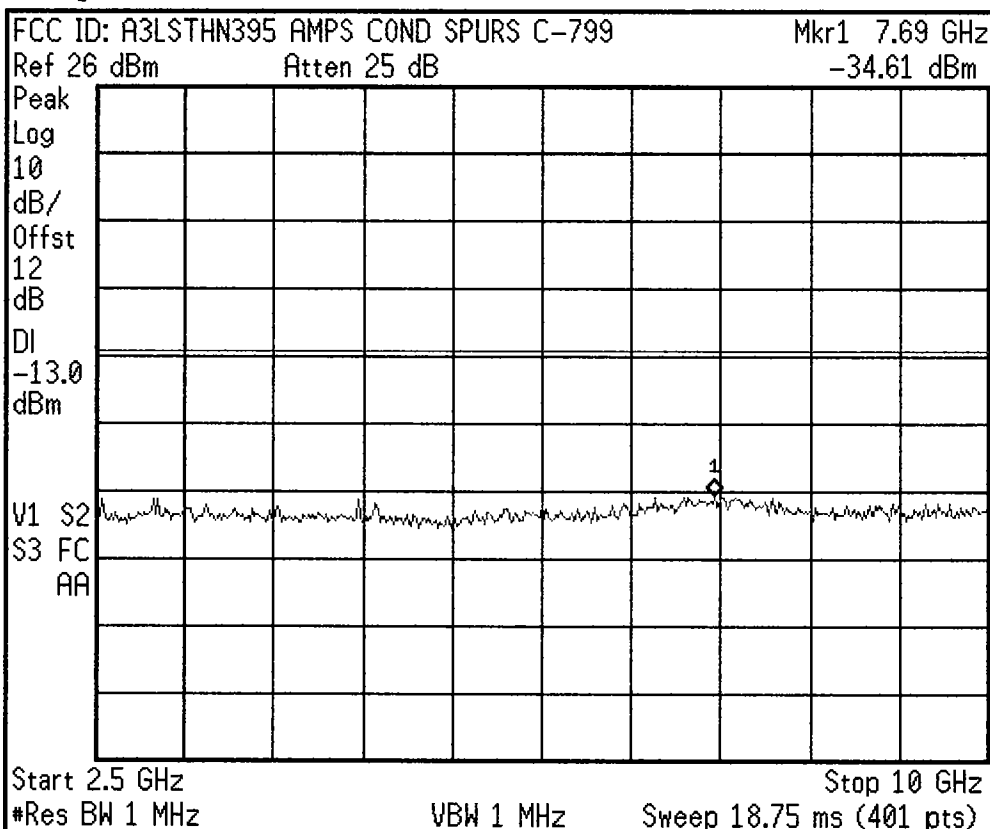
Freq Offset
 0.00000000 Hz

Signal Track
 On Off

Scale Type
 Log Lin

Agilent 07:15:13 Jan 8, 2003

L



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 07:02:20 Jan 8, 2003

L

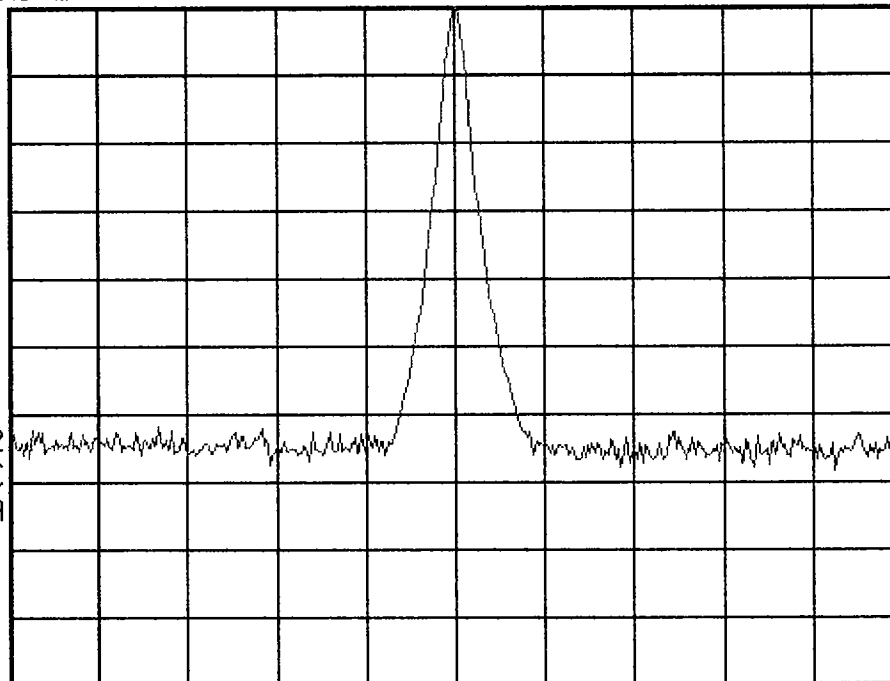
FCC ID: A3LSTHN395 TDMA MID CHANNEL C-383

Ref 26.5 dBm

Atten 25 dB

Peak
Log
10
dB/
Offst
12
dB

V1 S2
S3 FC
AA



Center 836.5 MHz

Span 10 MHz

*Res BW 100 kHz

VBW 100 kHz

Sweep 4 ms (401 pts)

Freq/Channel

Center Freq
836.490000 MHz

Start Freq
831.490000 MHz

Stop Freq
841.490000 MHz

CF Step
1.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Scale Type
Log Lin

Agilent 07:04:27 Jan 8, 2003

L

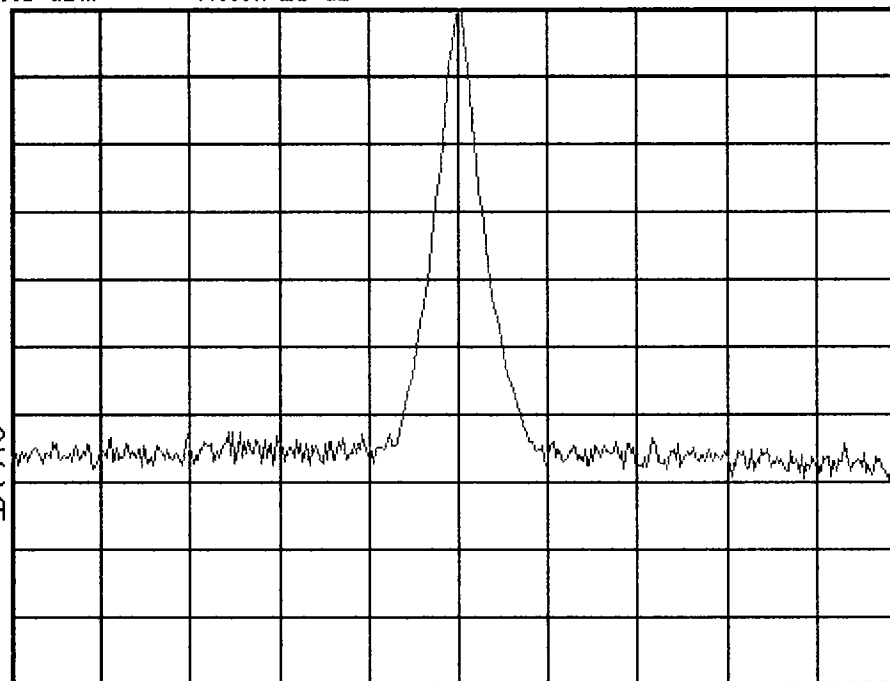
FCC ID: A3LSTHN395 TDMA HIGH CHANNEL C-799

Ref 26.5 dBm

Atten 25 dB

Peak
Log
10
dB/
Offst
12
dB

V1 S2
S3 FC
AA



Center 849 MHz

Span 10 MHz

*Res BW 100 kHz

VBW 100 kHz

Sweep 4 ms (401 pts)

Freq/Channel

Center Freq
848.970000 MHz

Start Freq
843.970000 MHz

Stop Freq
853.970000 MHz

CF Step
1.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

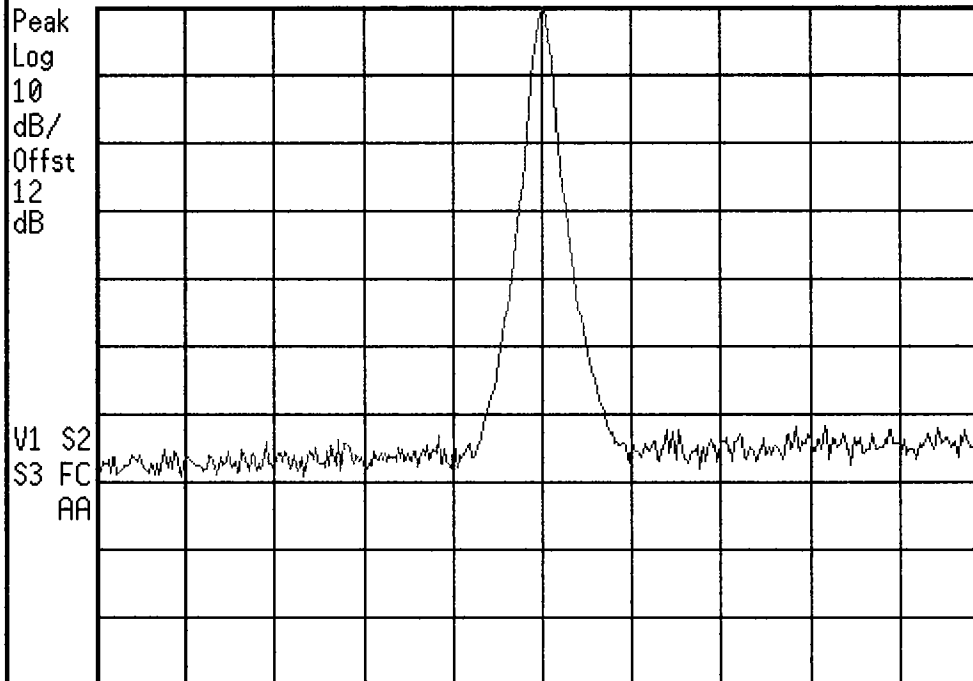
Scale Type
Log Lin

Agilent 06:59:51 Jan 8, 2003

L

FCC ID: A3LSTHN395 TDMA LOW CHANNEL C-991

Ref 26.5 dBm Atten 25 dB



Center 824 MHz Span 10 MHz
*Res BW 100 kHz VBW 100 kHz Sweep 4 ms (401 pts)

Freq/Channel

Center Freq
824.040000 MHz

Start Freq
819.040000 MHz

Stop Freq
829.040000 MHz

CF Step
1.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

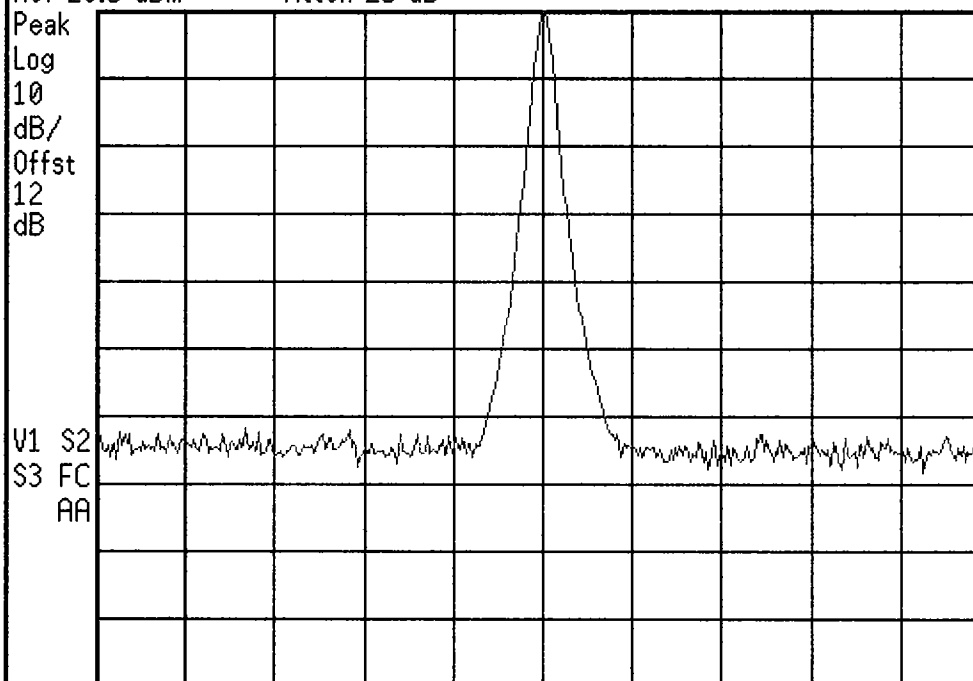
Scale Type
Log Lin

Agilent 07:01:55 Jan 8, 2003

L

FCC ID: A3LSTHN395 TDMA MID CHANNEL C-383

Ref 26.5 dBm Atten 25 dB



Center 836.5 MHz Span 10 MHz
*Res BW 100 kHz VBW 100 kHz Sweep 4 ms (401 pts)

Freq/Channel

Center Freq
836.490000 MHz

Start Freq
831.490000 MHz

Stop Freq
841.490000 MHz

CF Step
1.00000000 MHz
Auto Man

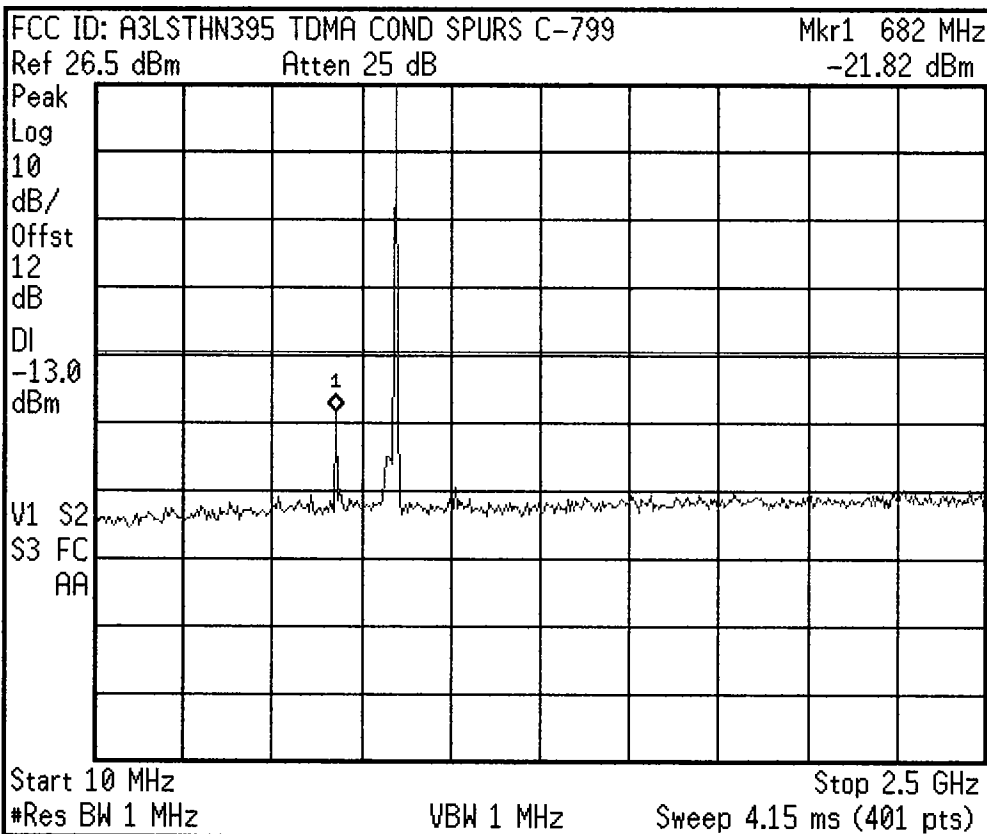
Freq Offset
0.00000000 Hz

Signal Track
On Off

Scale Type
Log Lin

* Agilent 06:52:52 Jan 8, 2003

L



Freq/Channel

Center Freq
 1.25500000 GHz

Start Freq
 10.0000000 MHz

Stop Freq
 2.50000000 GHz

CF Step
 249.000000 MHz
 Auto Man

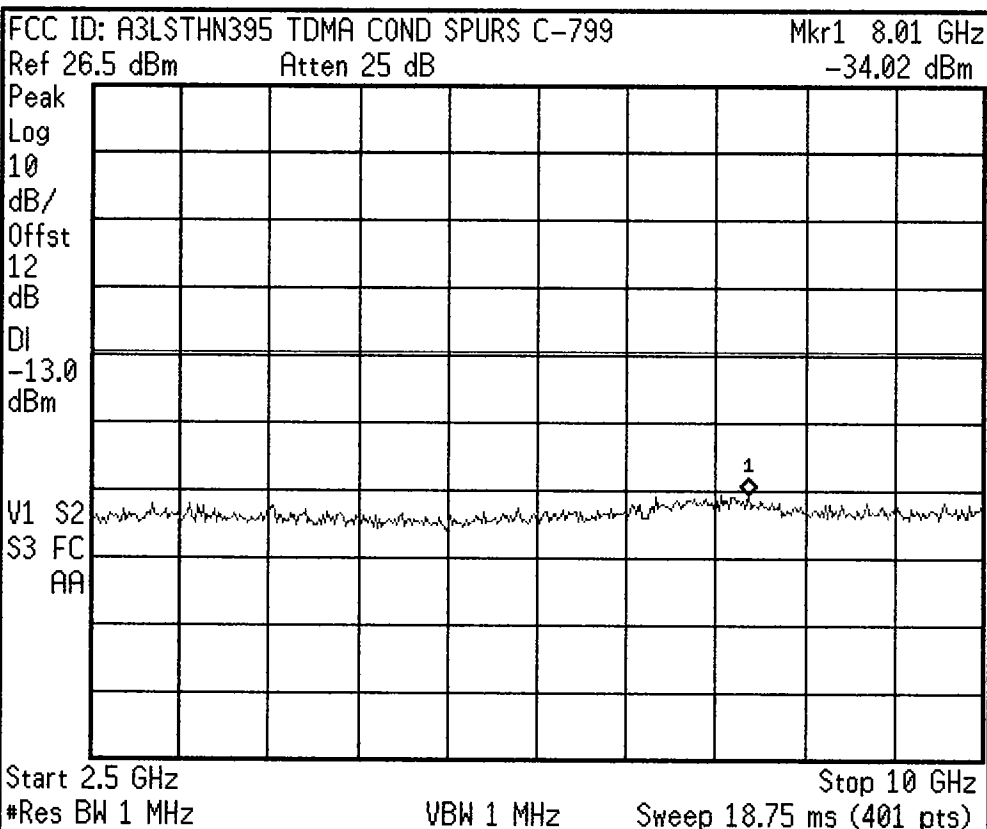
Freq Offset
 0.00000000 Hz

Signal Track
 On Off

Scale Type
 Log Lin

* Agilent 06:53:40 Jan 8, 2003

L



Freq/Channel

Center Freq
 6.25000000 GHz

Start Freq
 2.50000000 GHz

Stop Freq
 10.0000000 GHz

CF Step
 750.000000 MHz
 Auto Man

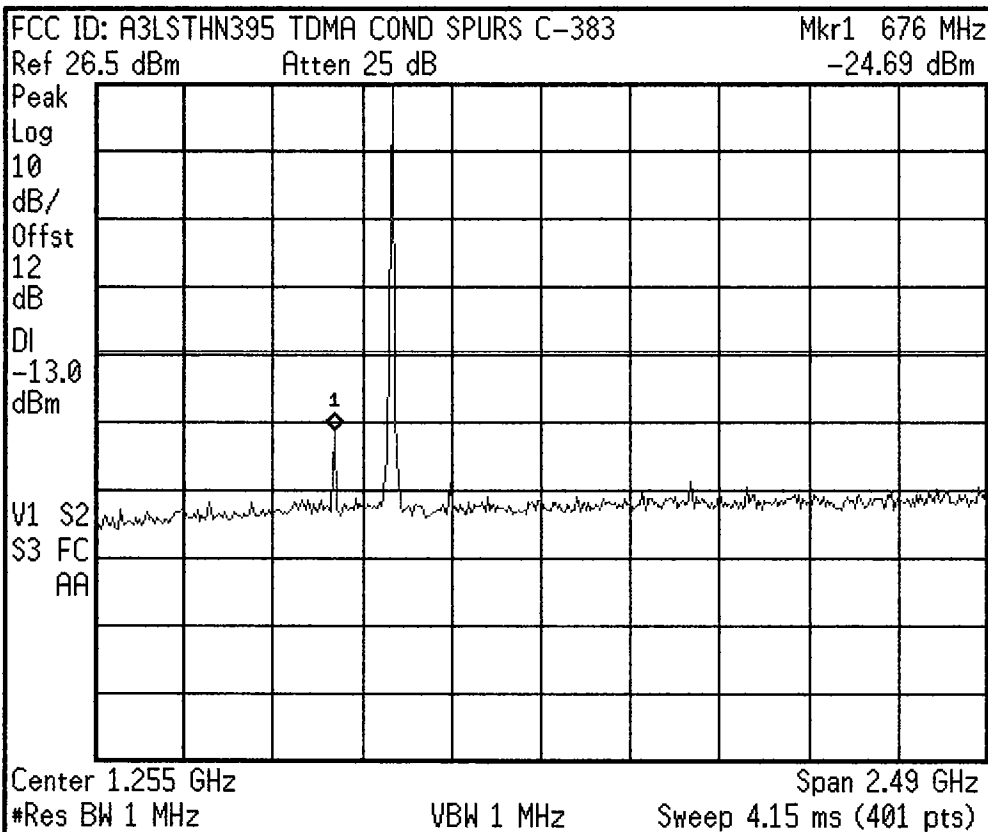
Freq Offset
 0.00000000 Hz

Signal Track
 On Off

Scale Type
 Log Lin

Agilent 06:50:06 Jan 8, 2003

L



Freq/Channel

Center Freq
 1.25500000 GHz

Start Freq
 10.0000000 MHz

Stop Freq
 2.50000000 GHz

CF Step
 249.000000 MHz
 Auto Man

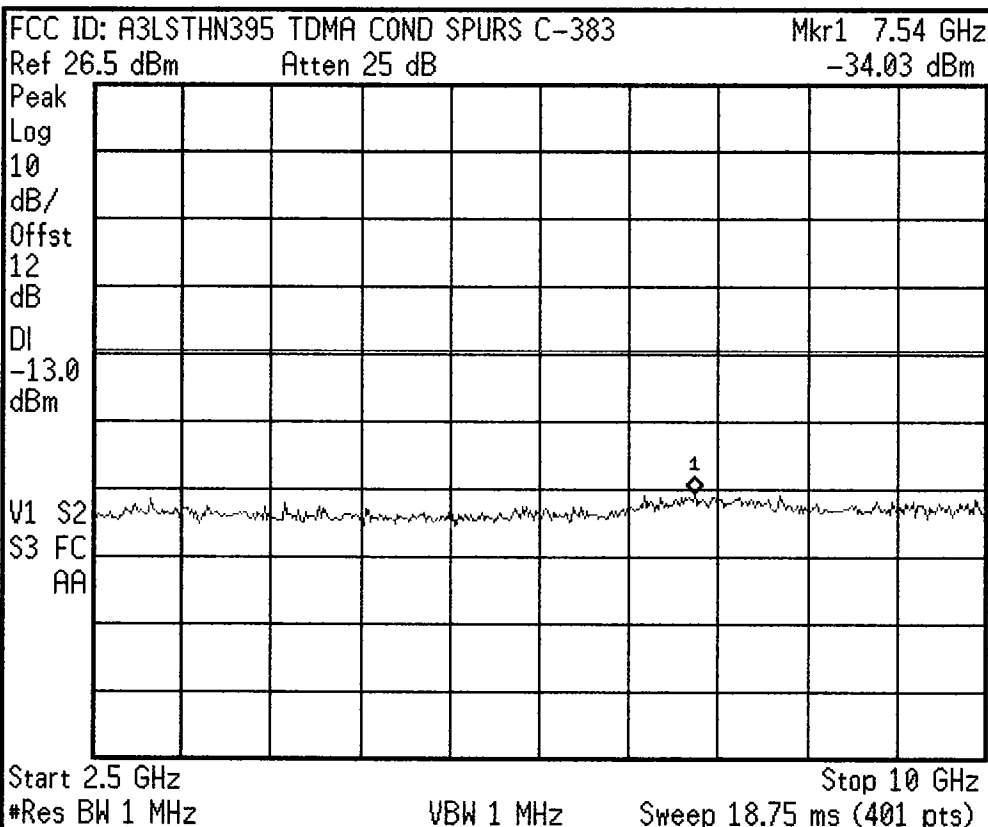
Freq Offset
 0.00000000 Hz

Signal Track
 On Off

Scale Type
 Log Lin

Agilent 06:51:26 Jan 8, 2003

L



Freq/Channel

Center Freq
 6.25000000 GHz

Start Freq
 2.50000000 GHz

Stop Freq
 10.0000000 GHz

CF Step
 750.000000 MHz
 Auto Man

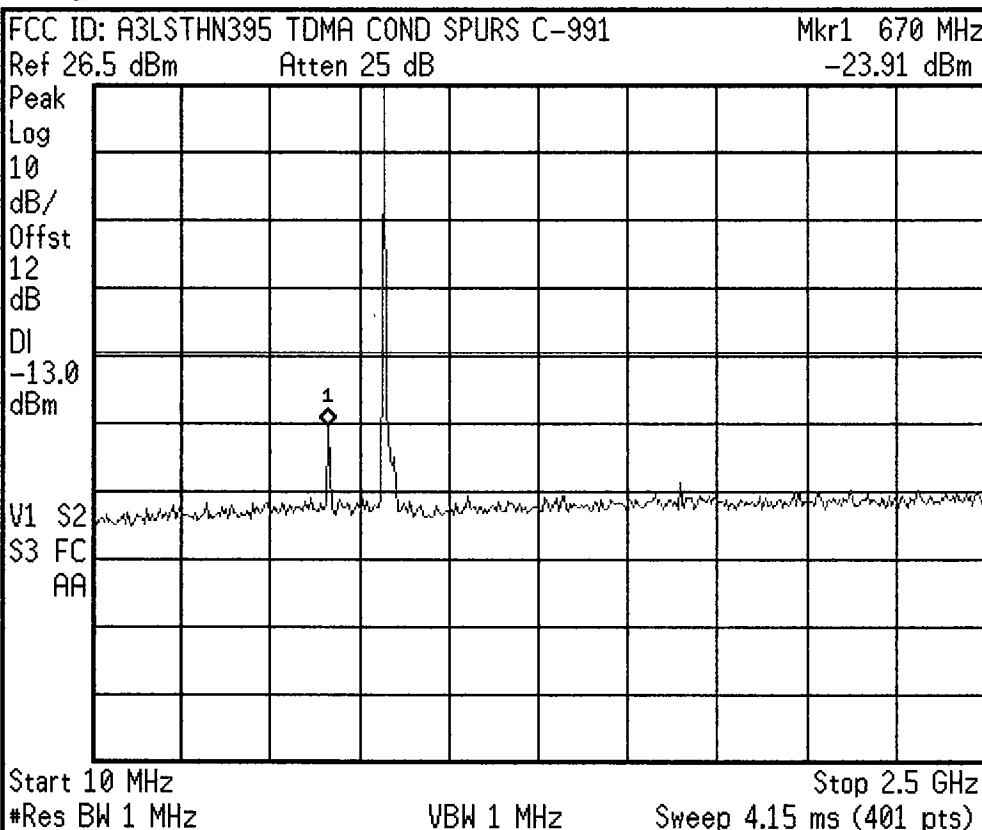
Freq Offset
 0.00000000 Hz

Signal Track
 On Off

Scale Type
 Log Lin

Agilent 06:46:45 Jan 8, 2003

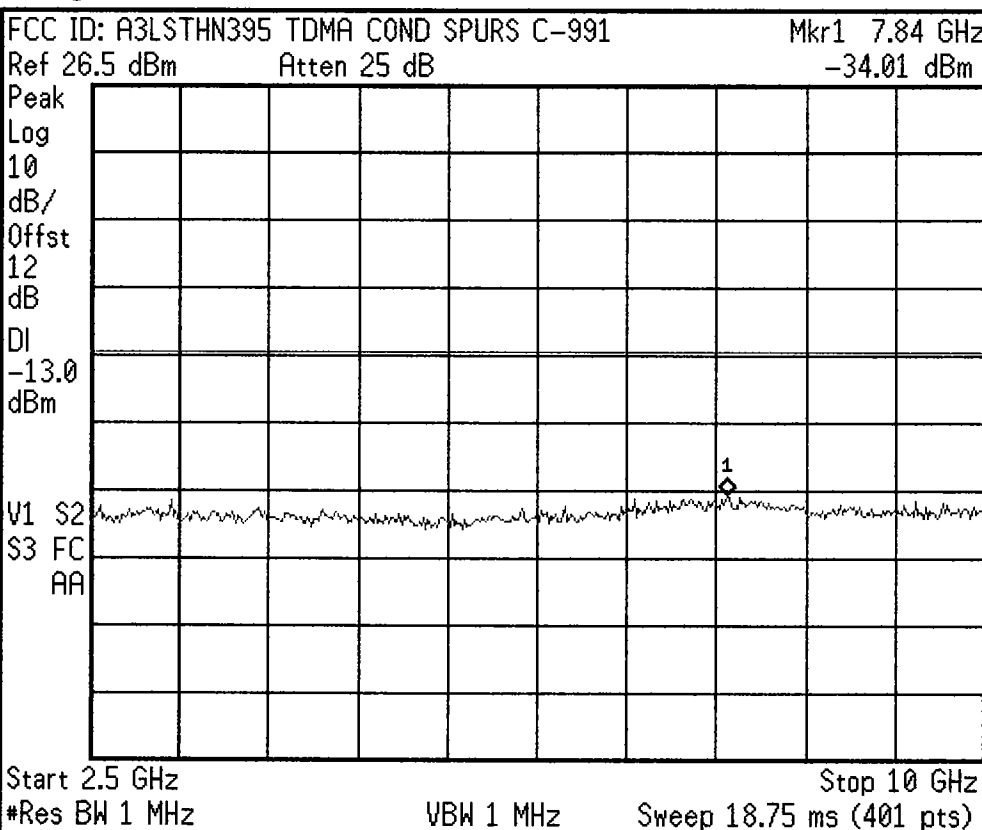
L



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 06:48:10 Jan 8, 2003

L



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
Scale Type Log Lin

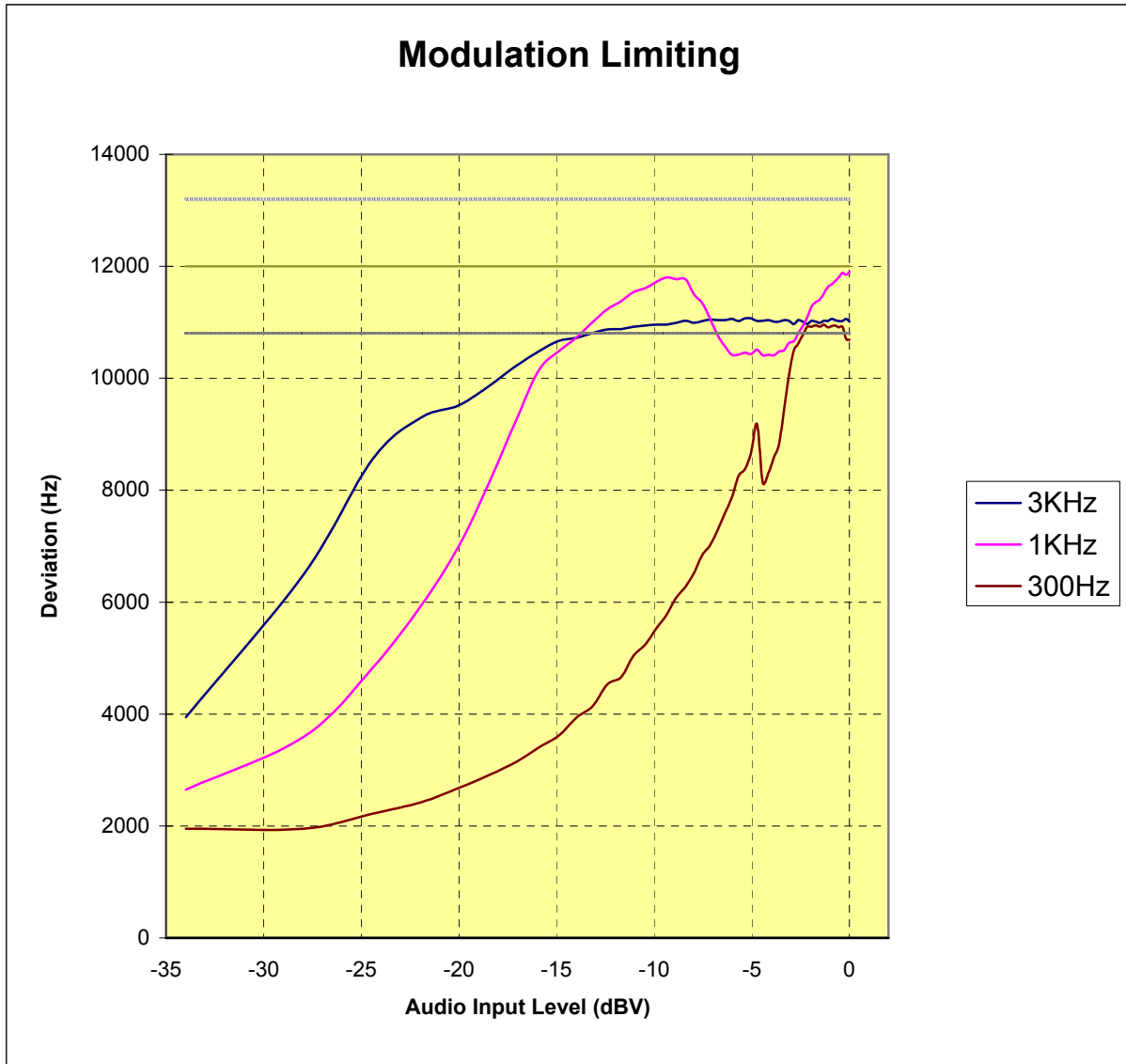
PCTEST Engineering Lab., Inc.

SUBJECT: Modulation Characteristics
FCC Part 22

Test Report No.: 22.230117028.A3L
Test Date: 01.27.2003

EUT: SAMSUNG Dual-Mode Cellular Phone (AMPS/TDMA)
Model: STH-N395
FCC ID: A3LSTHN395

REFERENCE: 1 kHz = 0 dB



SAMSUNG Dual-Mode Cellular Phone (AMPS/TDMA)
FCC ID: A3LSTHN395

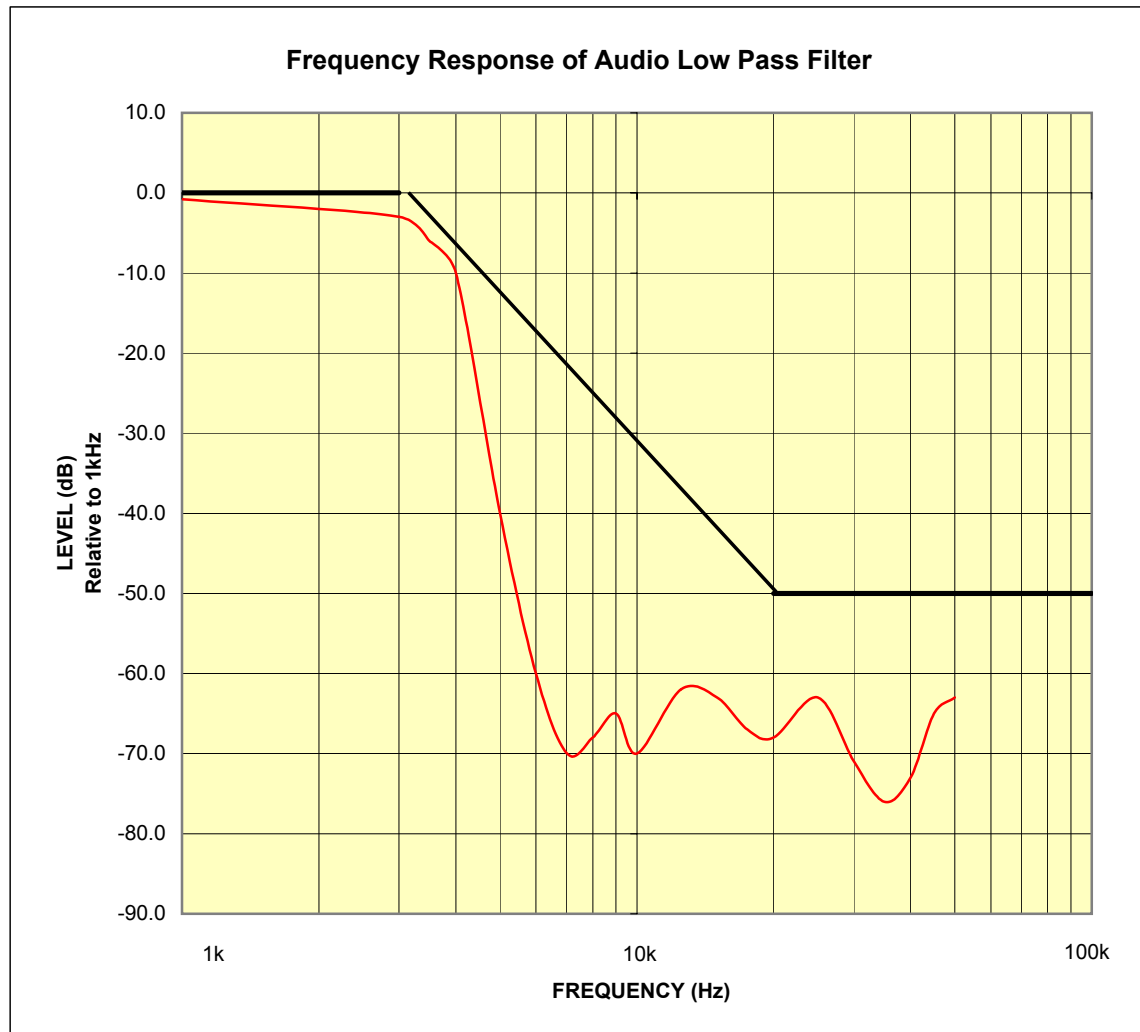
PCTEST Engineering Lab., Inc.

SUBJECT: Modulation Characteristics
FCC Part 22

Test Report No.: 22.230117028.A3L
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SAMSUNG Dual-Mode Cellular Phone (AMPS/TDMA)
FCC ID: A3LSTHN395

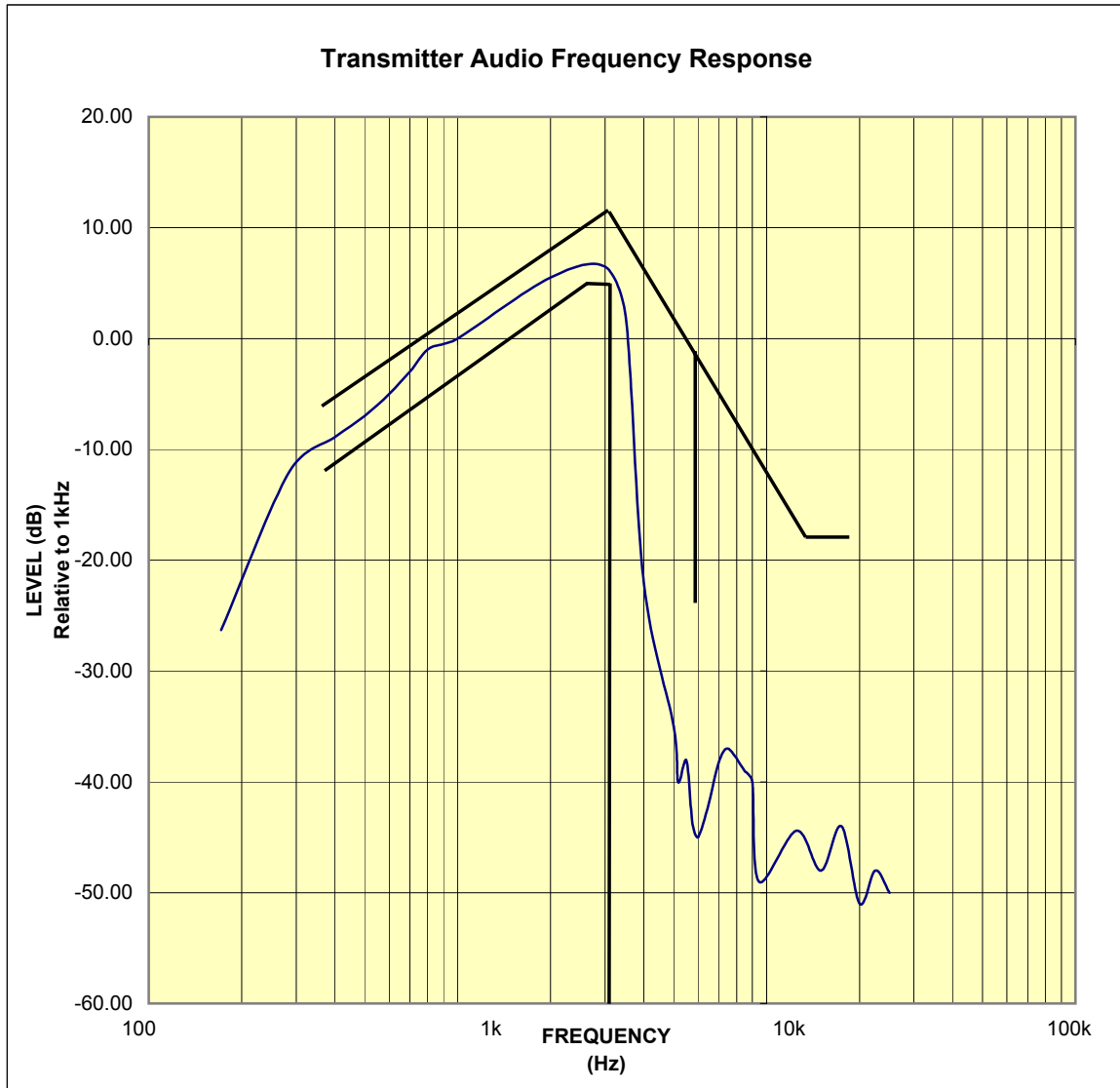
PCTEST Engineering Lab., Inc.

SUBJECT: Modulation Characteristics
FCC Part 22

Test Report No.: 22.230117028.A3L
Test Date: 01.27.2003

EUT: SAMSUNG Dual-Mode Cellular Phone (AMPS/TDMA)
Model: STH-N395
FCC ID: A3LSTHN395

REFERENCE: 1 kHz = 0 dB



SAMSUNG Dual-Mode Cellular Phone (AMPS/TDMA)
FCC ID: A3LSTHN395