

PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:MODEL: QB04

FLEXTRONICS

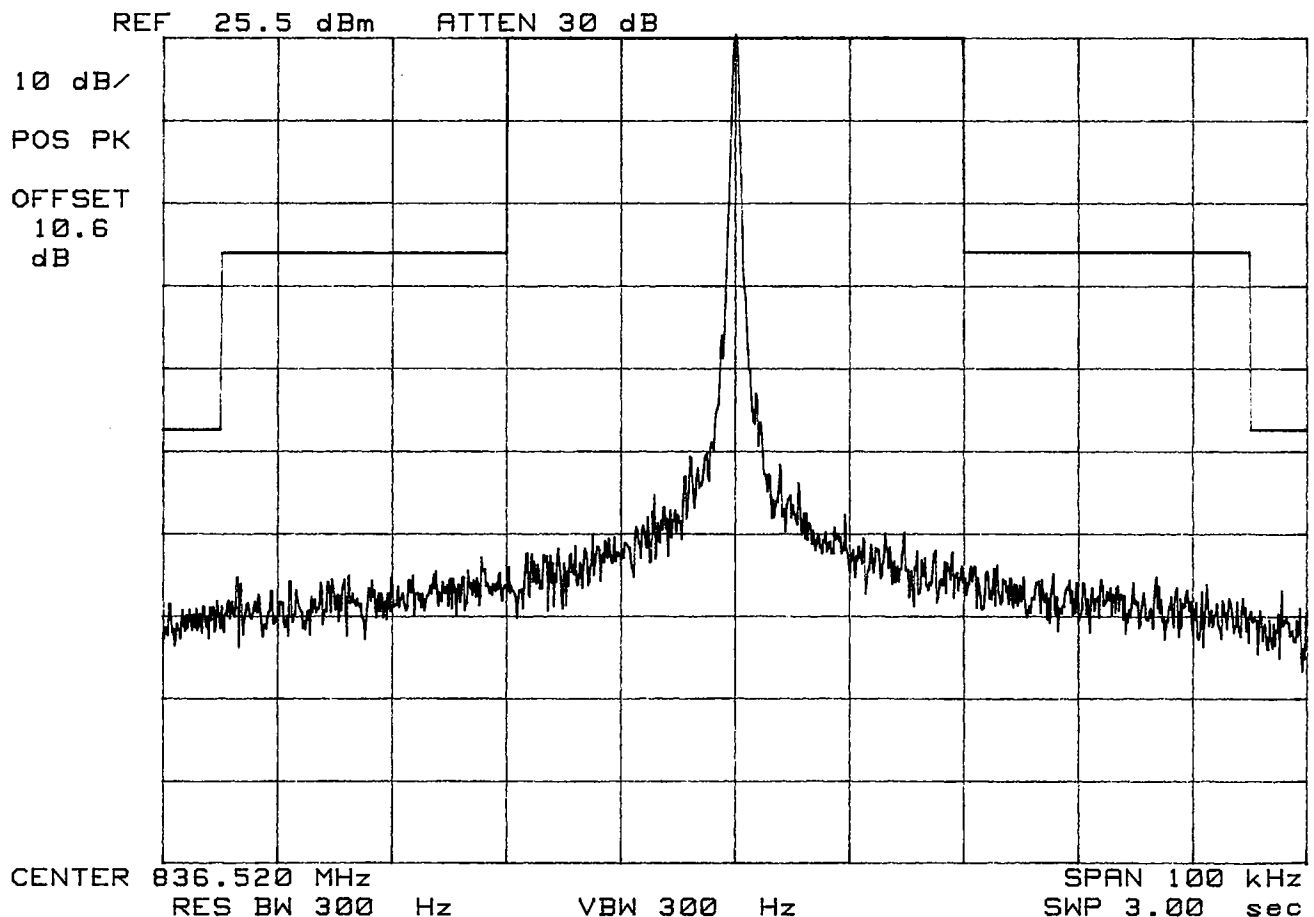
Dual-Mode Phone

FM Channel 384

Operating Frequency: 836.520 MHz

Output Power : 25.5 dBm

Test Mode:Unmodulated Signal



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:MODEL: QB04

FLEXTRONICS

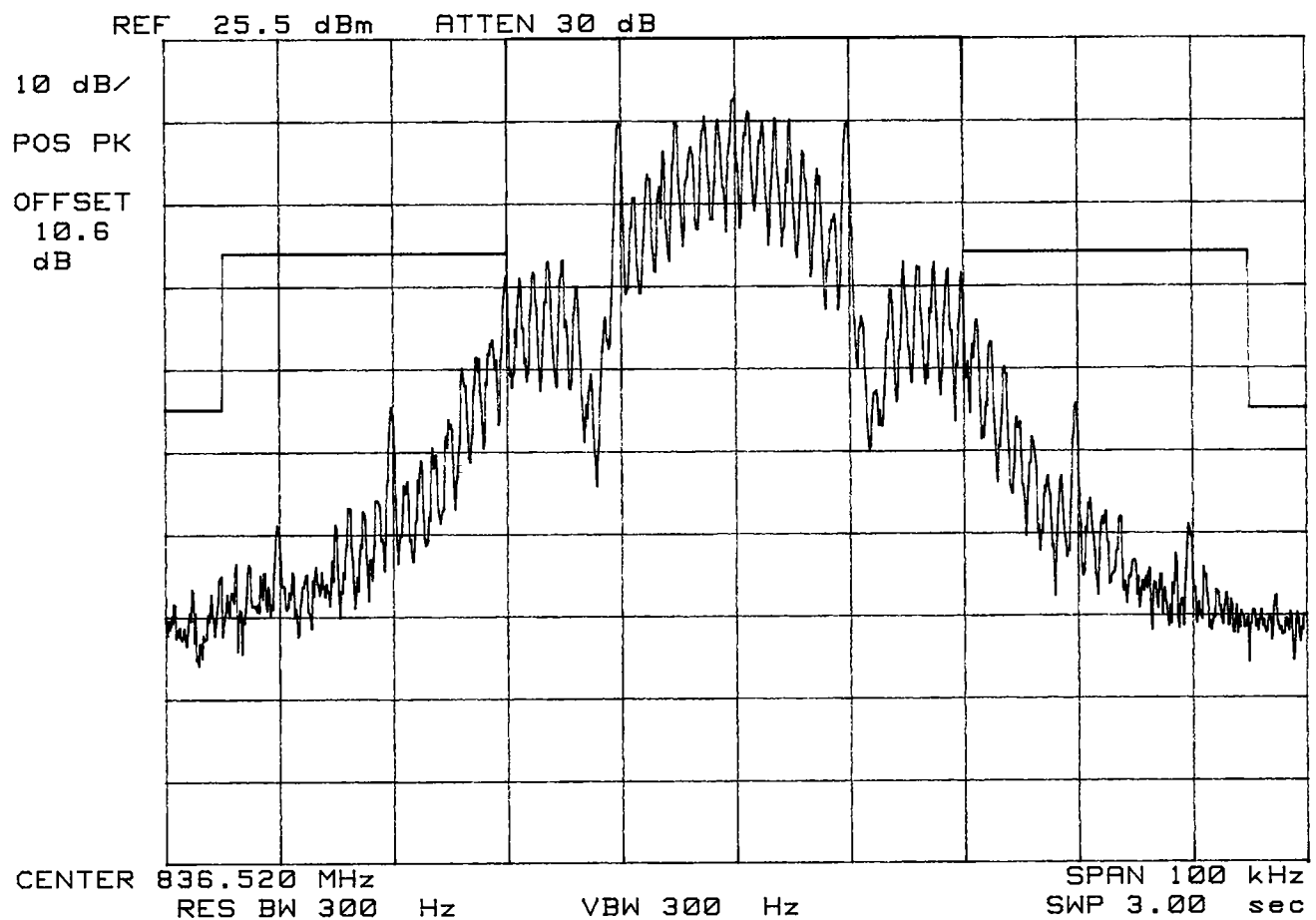
Dual-Mode Phone

FM Channel 384

Operating Frequency: 836.520 MHz

Output Power : 25.5 dBm

Test Mode:Wide Band Data



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:MODEL: QB04

FLEXTRONICS

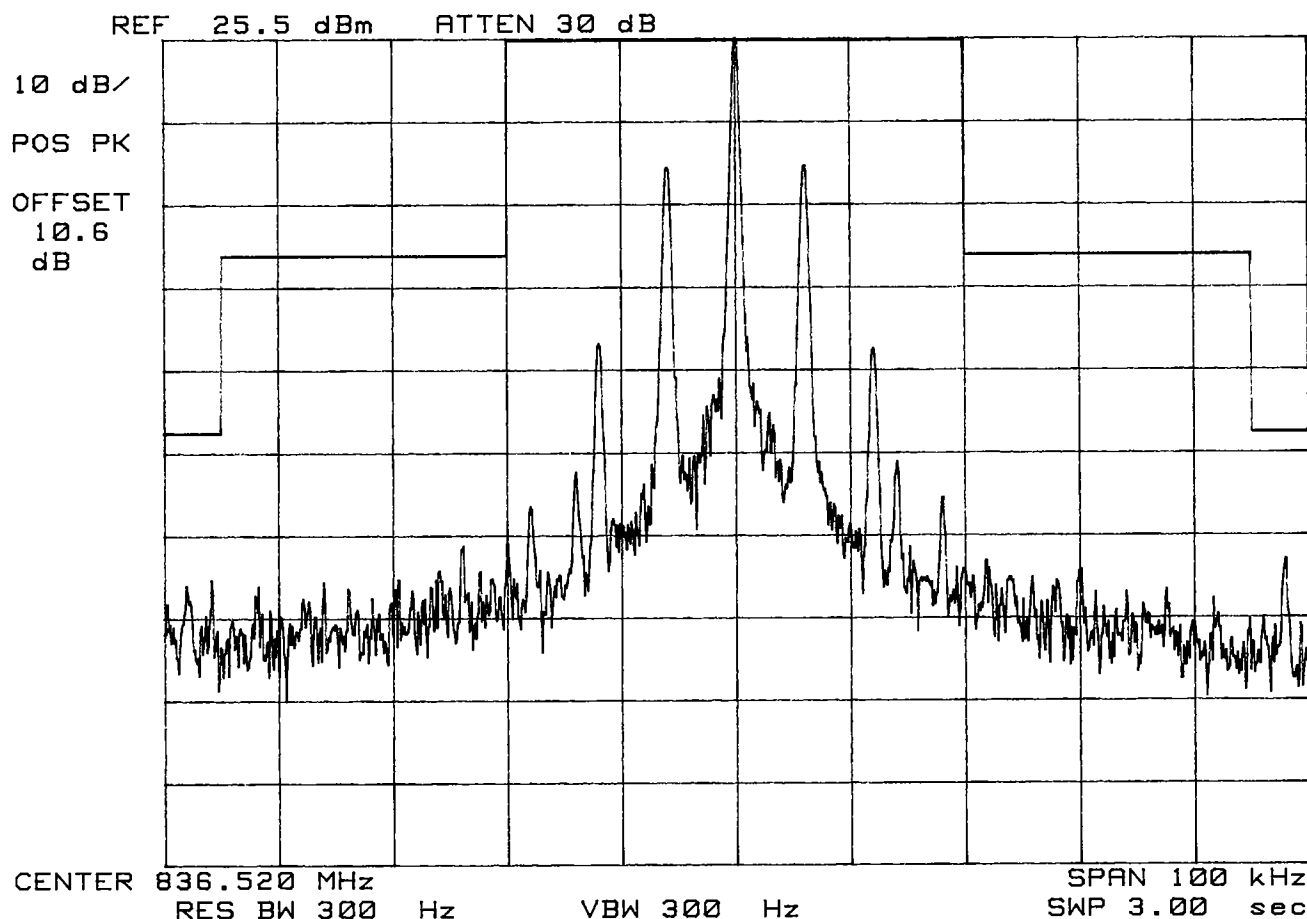
Dual-Mode Phone

FM Channel 384

Operating Frequency: 836.520 MHz

Output Power : 25.5 dBm

Test Mode:SAT



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:MODEL: QB04

FLEXTRONICS

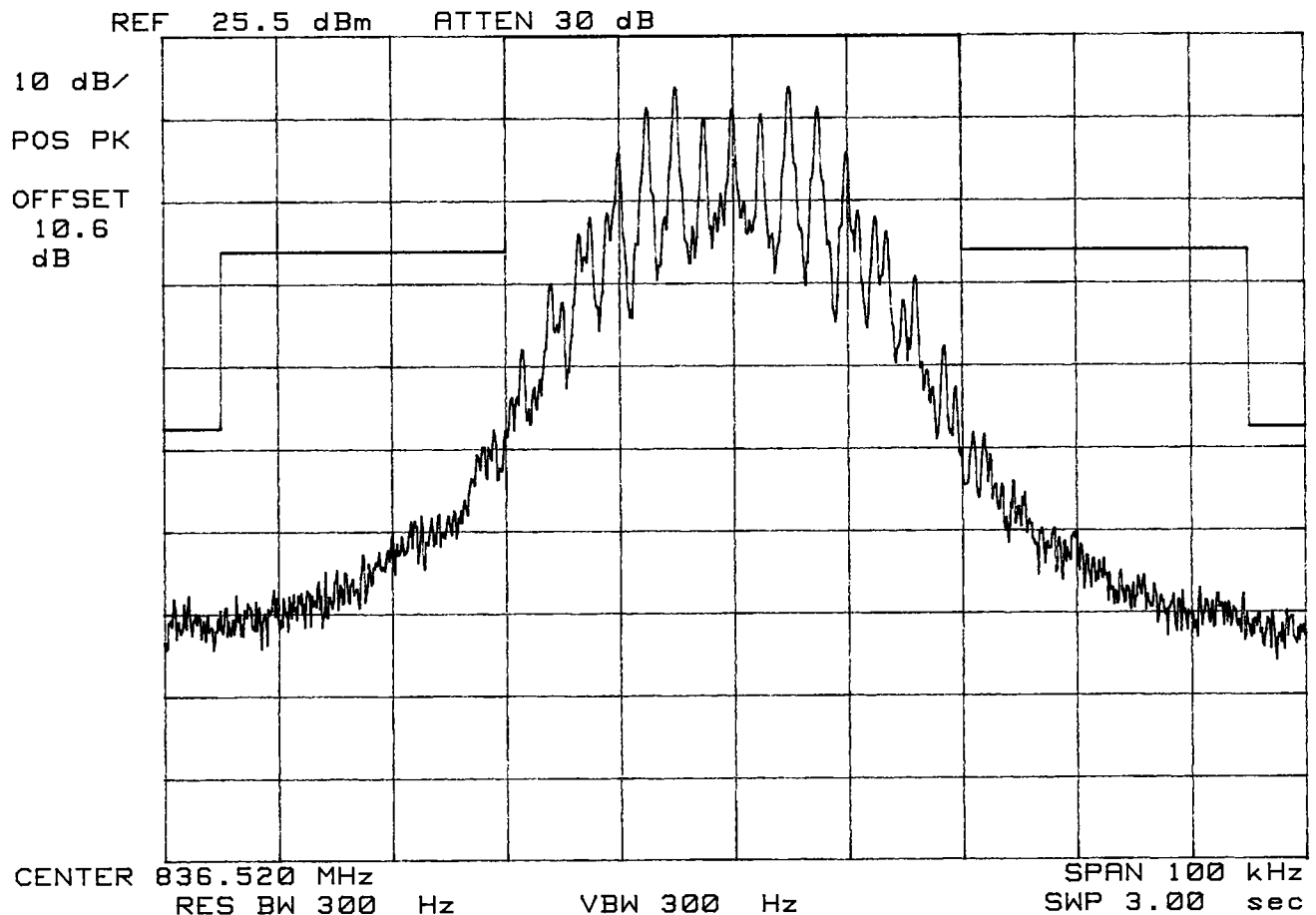
Dual-Mode Phone

FM Channel 384

Operating Frequency: 836.520 MHz

Output Power : 25.5 dBm

Test Mode:SAT + Voice



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:MODEL: QB04

FLEXTRONICS

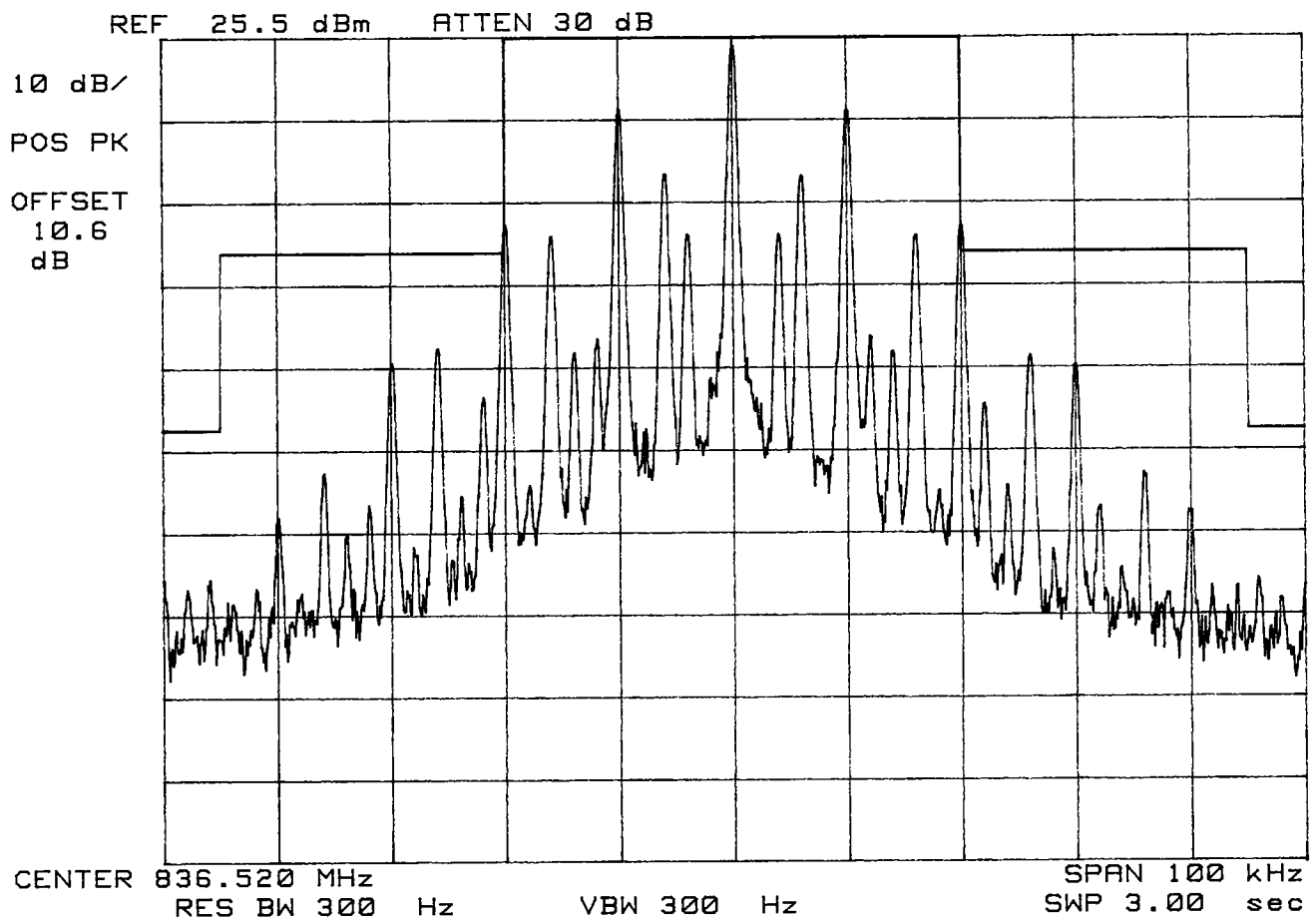
Dual-Mode Phone

FM Channel 384

Operating Frequency: 836.520 MHz

Output Power : 25.5 dBm

Test Mode:SAT + ST



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:MODEL: QB04

FLEXTRONICS

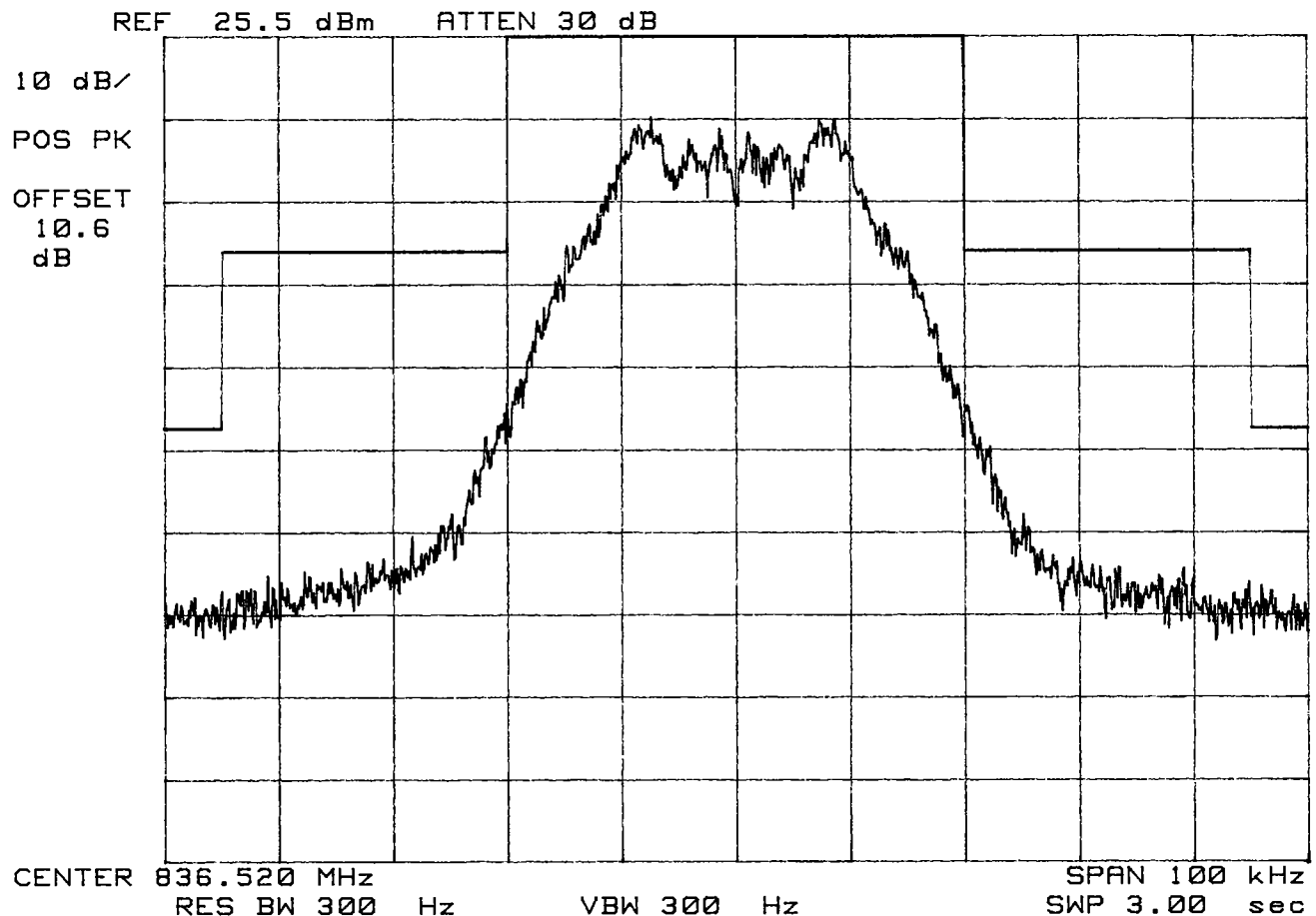
Dual-Mode Phone

FM Channel 384

Operating Frequency: 836.520 MHz

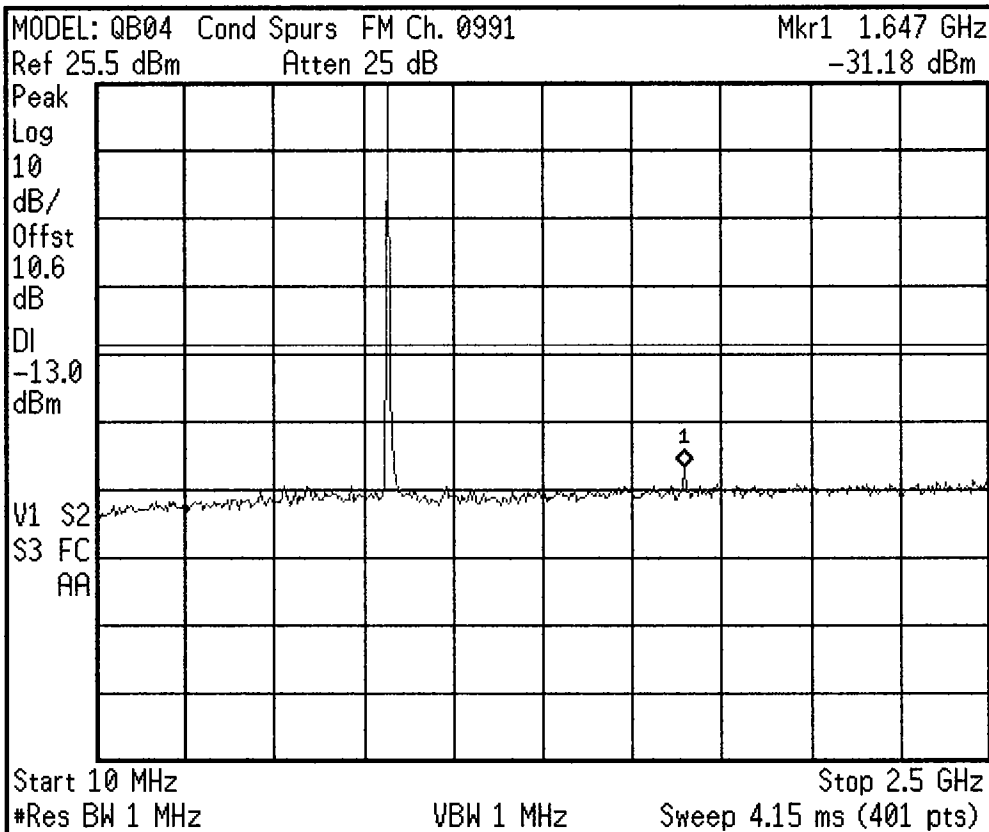
Output Power : 25.5 dBm

Test Mode:SAT + DTMF



Agilent

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

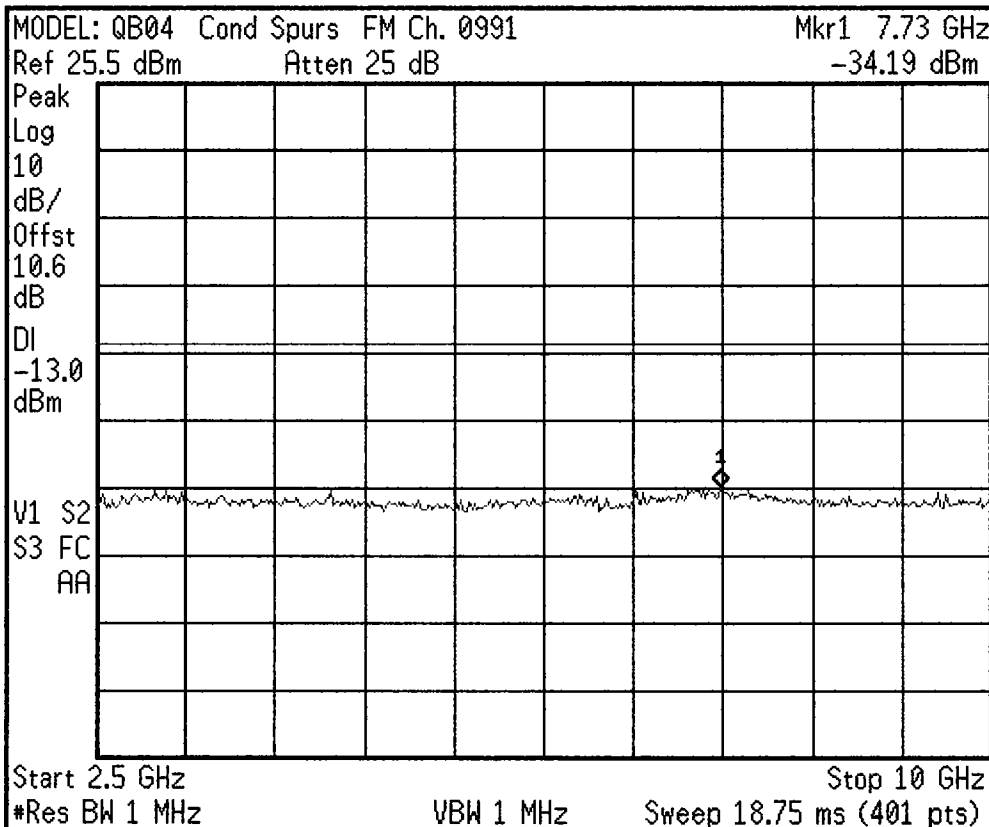
Freq Offset
 0.00000000 Hz

Signal Track
 On Off

Scale Type
 Log Lin

Agilent

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

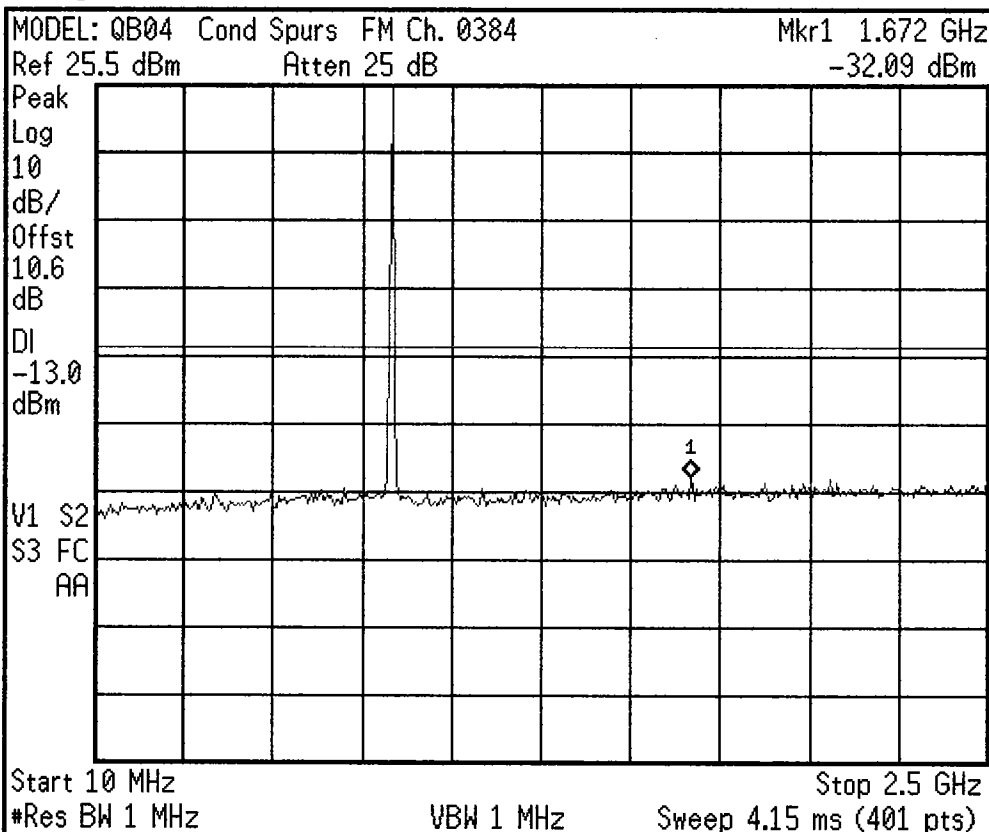
Freq Offset
 0.00000000 Hz

Signal Track
 On Off

Scale Type
 Log Lin

Agilent

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

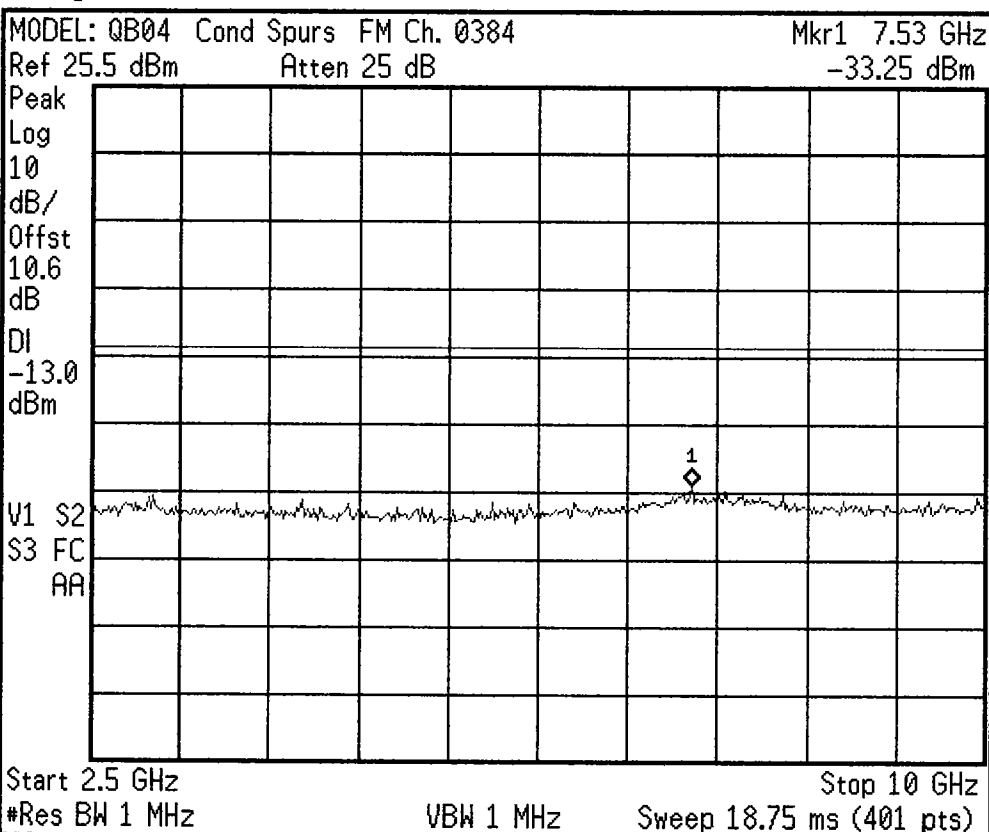
Freq Offset
 0.00000000 Hz

Signal Track
 On Off

Scale Type
 Log Lin

Agilent

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

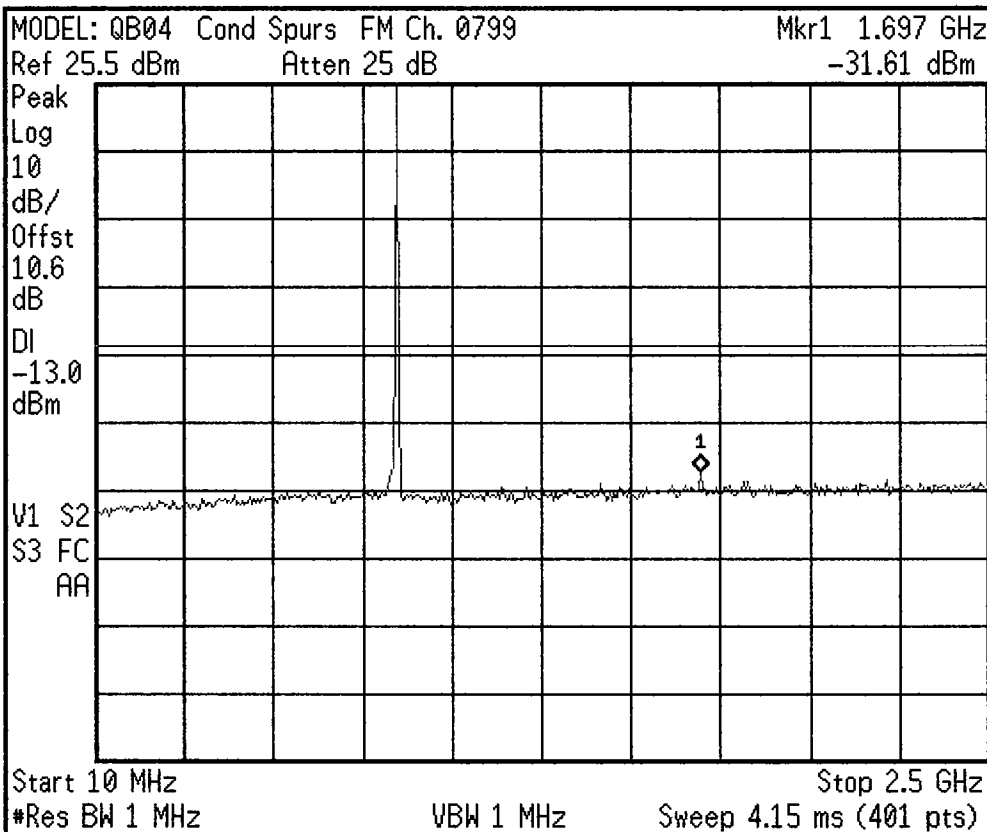
Freq Offset
 0.00000000 Hz

Signal Track
 On Off

Scale Type
 Log Lin

Agilent

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

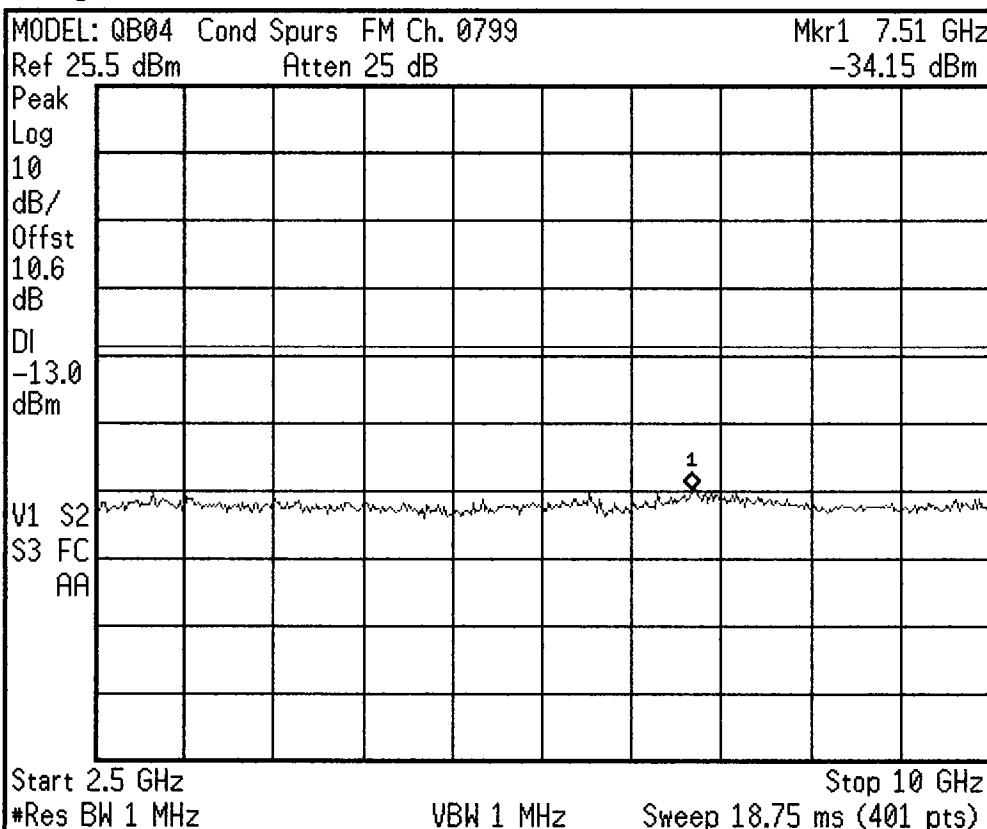
Freq Offset
 0.00000000 Hz

Signal Track
 On Off

Scale Type
 Log Lin

Agilent

L



Freq/Channel

Center Freq
 6.25000000 GHz

Start Freq
 2.50000000 GHz

Stop Freq
 10.0000000 GHz

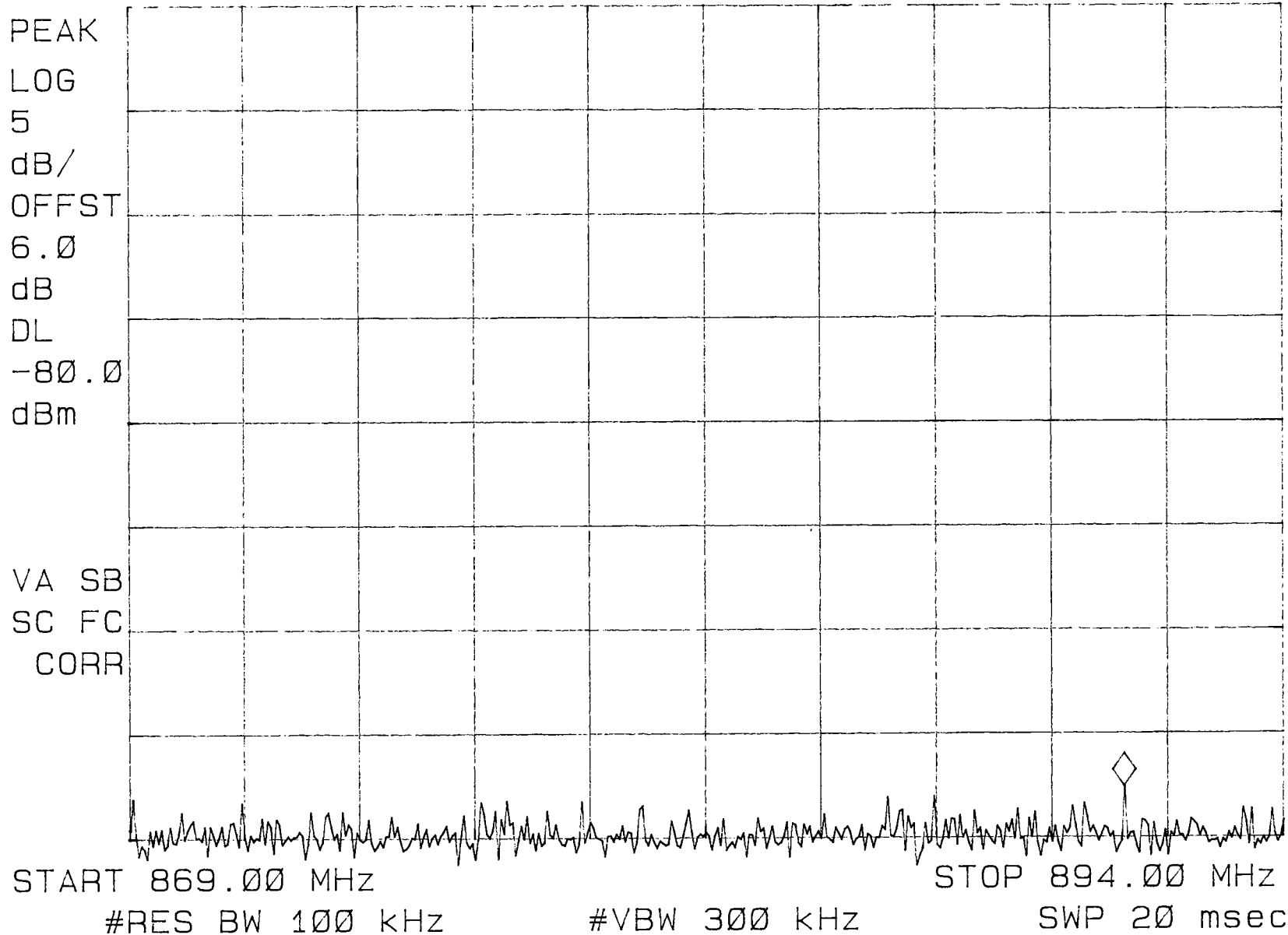
CF Step
 750.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

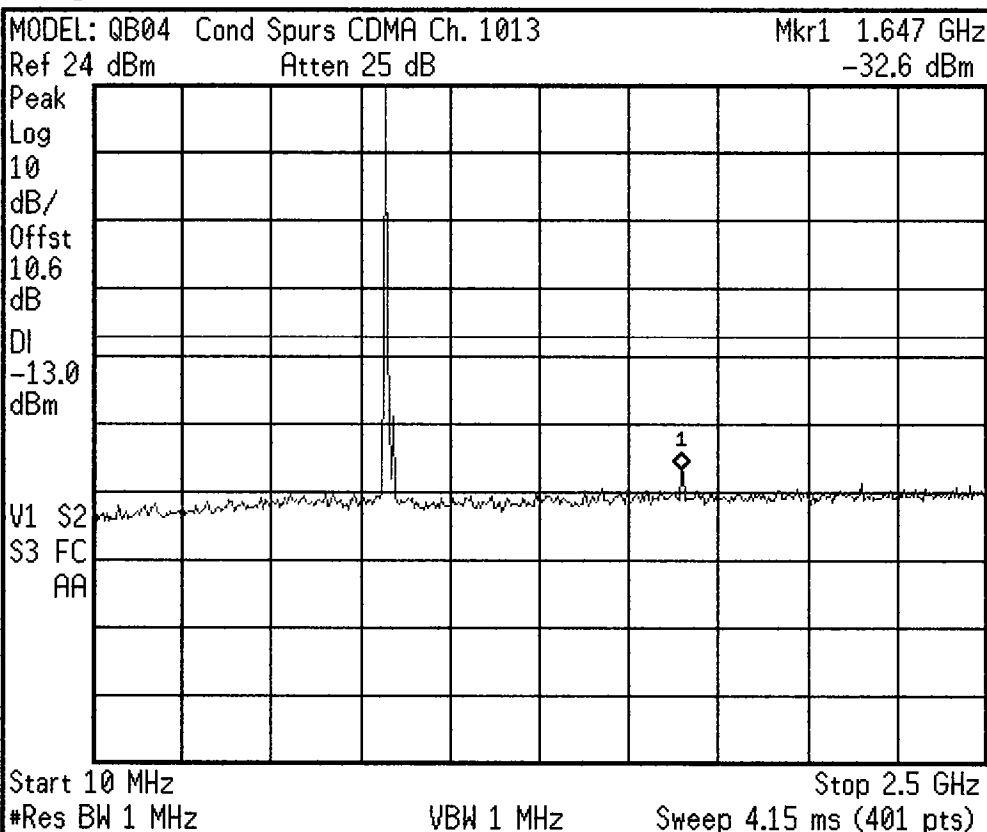
Scale Type
 Log Lin

 FLEXTRONICS MODEL: QB04 FM MODE MKR 890.56 MHz
REF -60.0 dBm ATTEN 10 dB PG 26.0 dB -97.57 dBm



Agilent

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

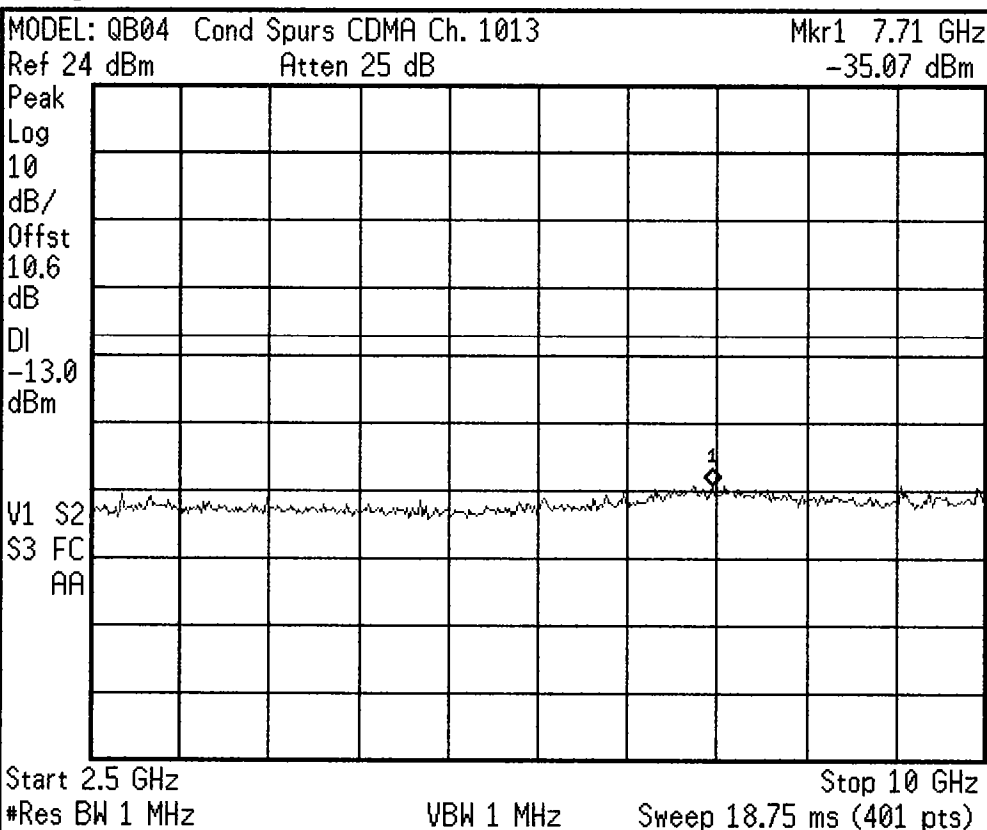
Freq Offset
 0.00000000 Hz

Signal Track
 On Off

Scale Type
 Log Lin

Agilent

L



Freq/Channel

Center Freq
 6.25000000 GHz

Start Freq
 2.50000000 GHz

Stop Freq
 10.0000000 GHz

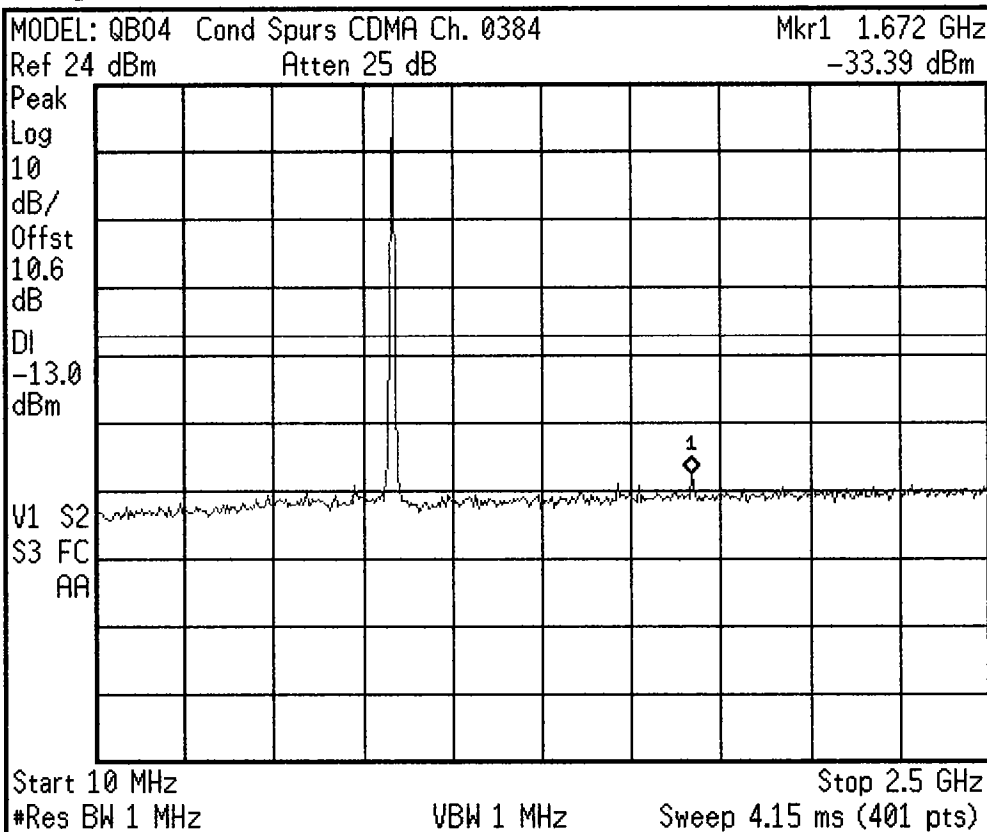
CF Step
 750.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

Scale Type
 Log Lin

Agilent



Freq/Channel

Center Freq
 1.25500000 GHz

Start Freq
 10.0000000 MHz

Stop Freq
 2.50000000 GHz

CF Step
 249.000000 MHz
 Auto Man

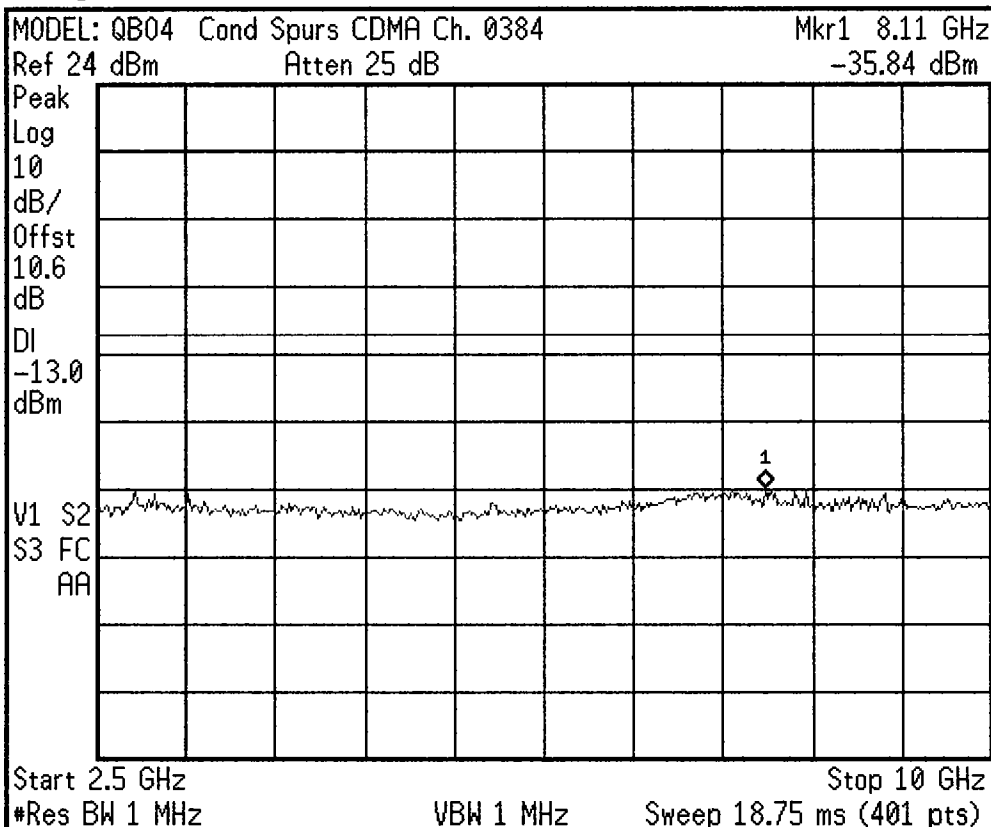
Freq Offset
 0.00000000 Hz

Signal Track
 On Off

Scale Type
 Log Lin

Agilent

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

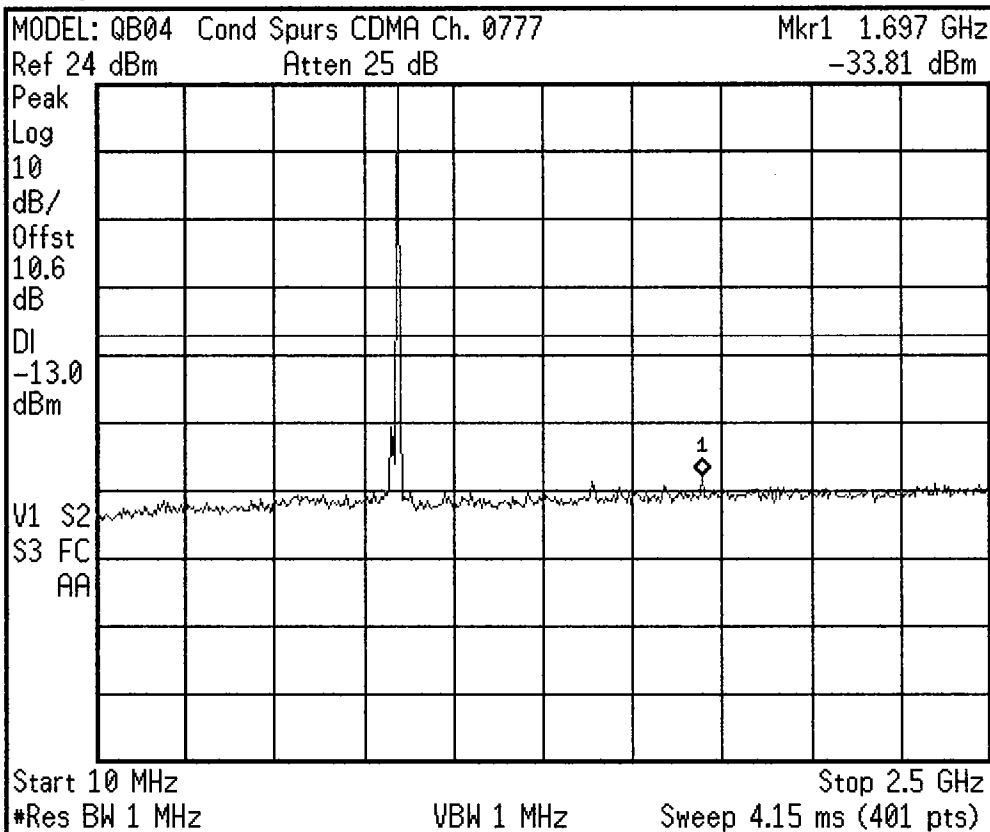
Freq Offset
 0.00000000 Hz

Signal Track
 On Off

Scale Type
 Log Lin

* Agilent

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

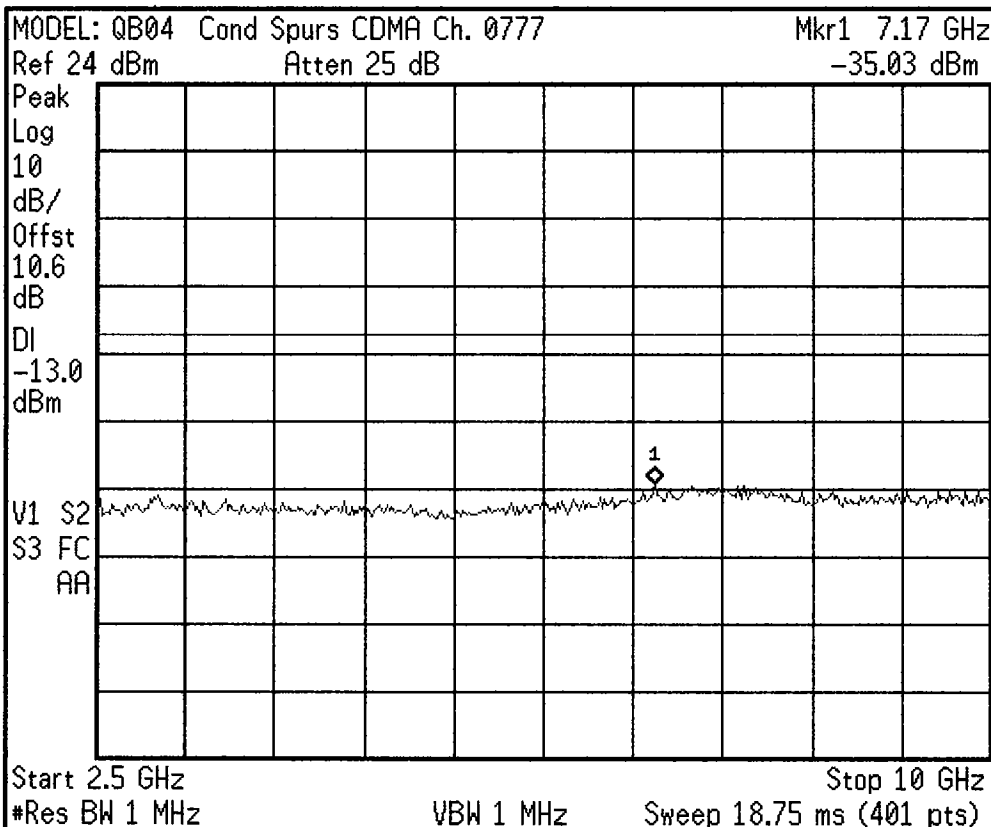
Freq Offset
 0.00000000 Hz

Signal Track
 On Off

Scale Type
 Log Lin

* Agilent

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

L

MODEL: QB04 Power Out CDMA Ch. 1013

Ref 24 dBm

Atten 25 dB

Samp

Log

10

dB/

Offst

10.6

dB

VAvg

100

V1 S2

S3 FC

AA

Center 824.7 MHz

*Res BW 3 MHz

VBW 3 MHz

Span 10 MHz

Sweep 4 ms (401 pts)

Freq/Channel

Center Freq

824.700000 MHz

Start Freq

819.700000 MHz

Stop Freq

829.700000 MHz

CF Step

1.00000000 MHz

Auto

Man

Freq Offset

0.00000000 Hz

Signal Track

On

Off

Scale Type

Log

Lin

✱ Agilent

L

MODEL: QB04 Power Out CDMA Ch. 0777

Ref 24 dBm

Atten 25 dB

Samp

Log

10

dB/

Offst

10.6

dB

VAvg

100

V1 S2

S3 FC

AA

Center 848.3 MHz

*Res BW 3 MHz

VBW 3 MHz

Span 10 MHz

Sweep 4 ms (401 pts)

Freq/Channel

Center Freq

848.310000 MHz

Start Freq

843.310000 MHz

Stop Freq

853.310000 MHz

CF Step

1.00000000 MHz

Auto

Man

Freq Offset

0.00000000 Hz

Signal Track

On

Off

Scale Type

Log

Lin

Agilent

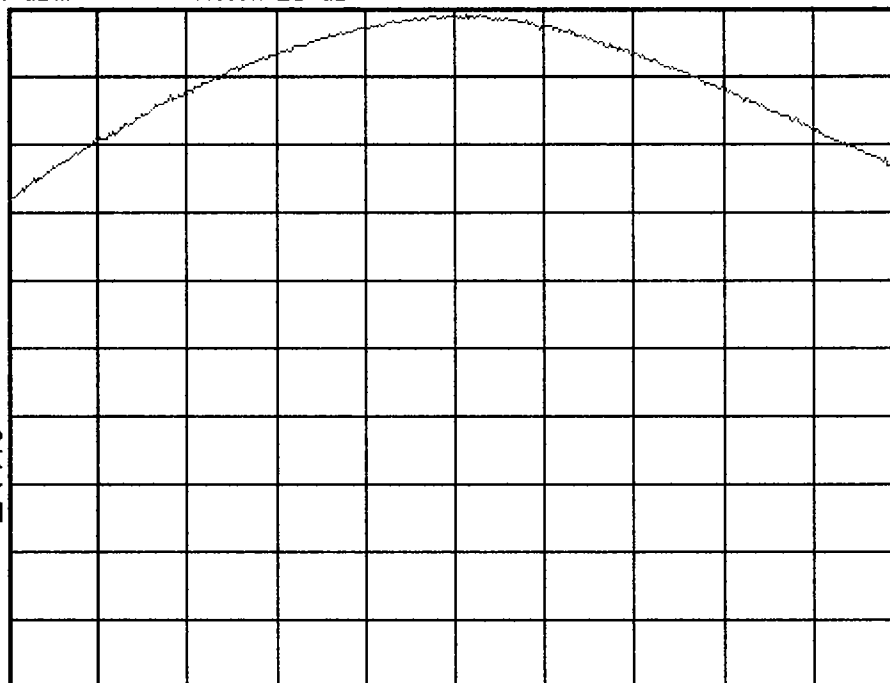
L

MODEL: QB04 Power Out CDMA Ch. 0384

Ref 24 dBm Atten 25 dB

Samp
Log
10
dB/
Offst
10.6
dB

VAvg
100
V1 S2
S3 FC
AA



Center 836.5 MHz

*Res BW 3 MHz

VBW 3 MHz

Span 10 MHz

Sweep 4 ms (401 pts)

Freq/Channel

Center Freq
836.520000 MHz

Start Freq
831.520000 MHz

Stop Freq
841.520000 MHz

CF Step
1.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Scale Type
Log Lin

Agilent

L

Ch Freq 836.52 MHz

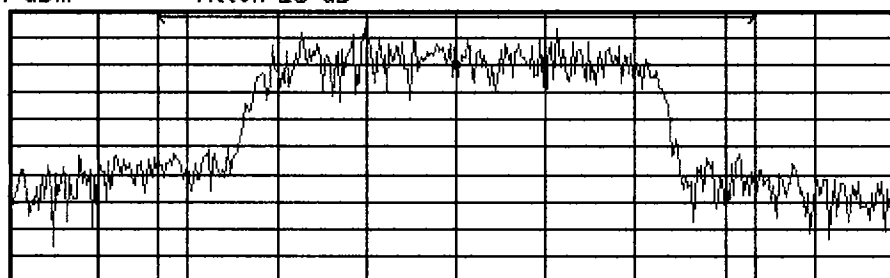
Trig Free

Channel Power

MODEL: QB04 Power Out CDMA Ch. 0384

Ref 24 dBm Atten 25 dB

*Avg
Log
10
dB/
Offst
10.6
dB



Center 836.5 MHz

Res BW 30 kHz

VBW 300 kHz

Span 3 MHz

Sweep 8 ms (401 pts)

Freq/Channel

Center Freq
836.520000 MHz

Start Freq
835.020000 MHz

Stop Freq
838.020000 MHz

CF Step
300.000000 kHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Scale Type
Log Lin

Channel Power

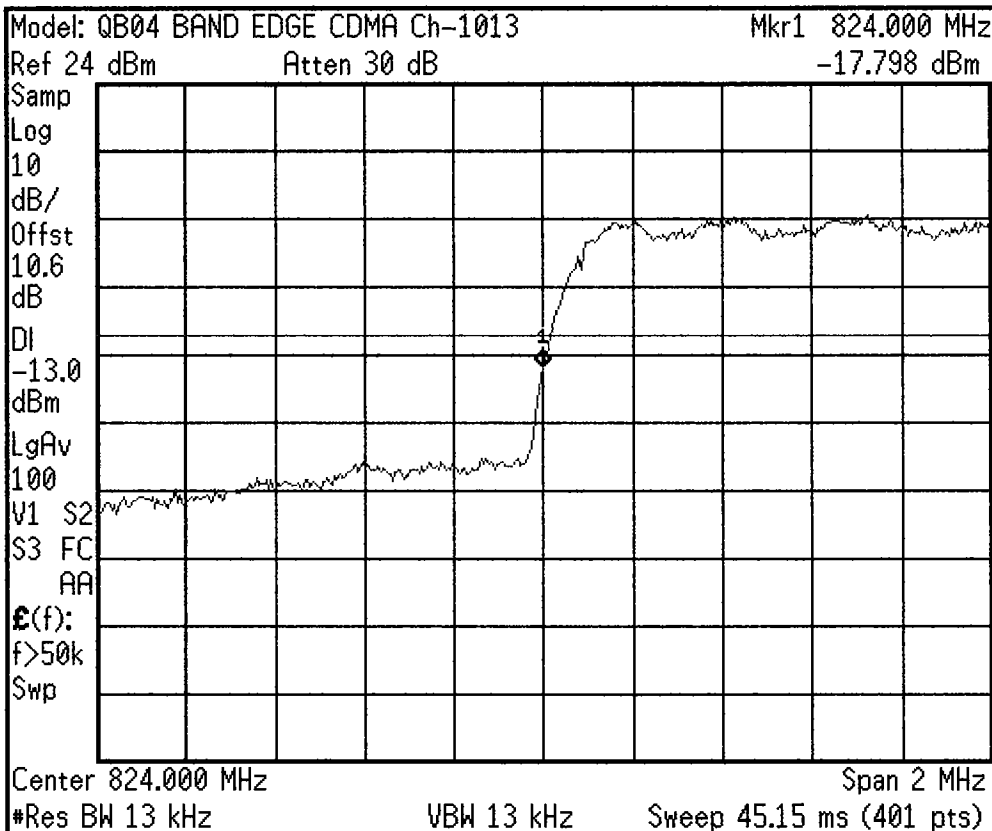
24.05 dBm /2.0000 MHz

Power Spectral Density

-38.96 dBm/Hz

Agilent

L



Freq/Channel

Center Freq
824.000000 MHz

Start Freq
823.000000 MHz

Stop Freq
825.000000 MHz

CF Step
200.000000 kHz
Auto Man

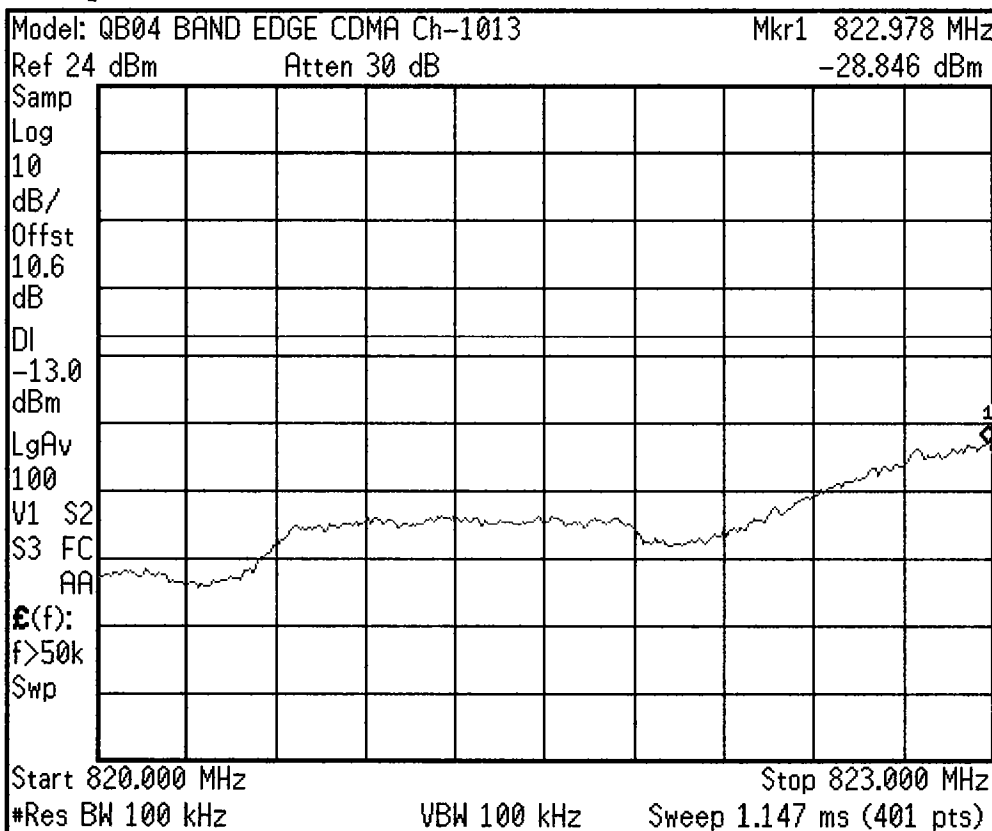
Freq Offset
0.00000000 Hz

Signal Track
On Off

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L



Freq/Channel

Center Freq
821.500000 MHz

Start Freq
820.000000 MHz

Stop Freq
823.000000 MHz

CF Step
300.000000 kHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

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L

Model: QB04 BAND EDGE CDMA Ch-777

Mkr1 849.000 MHz

Ref 24 dBm

Atten 30 dB

-16.417 dBm

Samp

Log

10

dB/

Offst

10.6

dB

DI

-13.0

dBm

LgAv

100

V1 S2

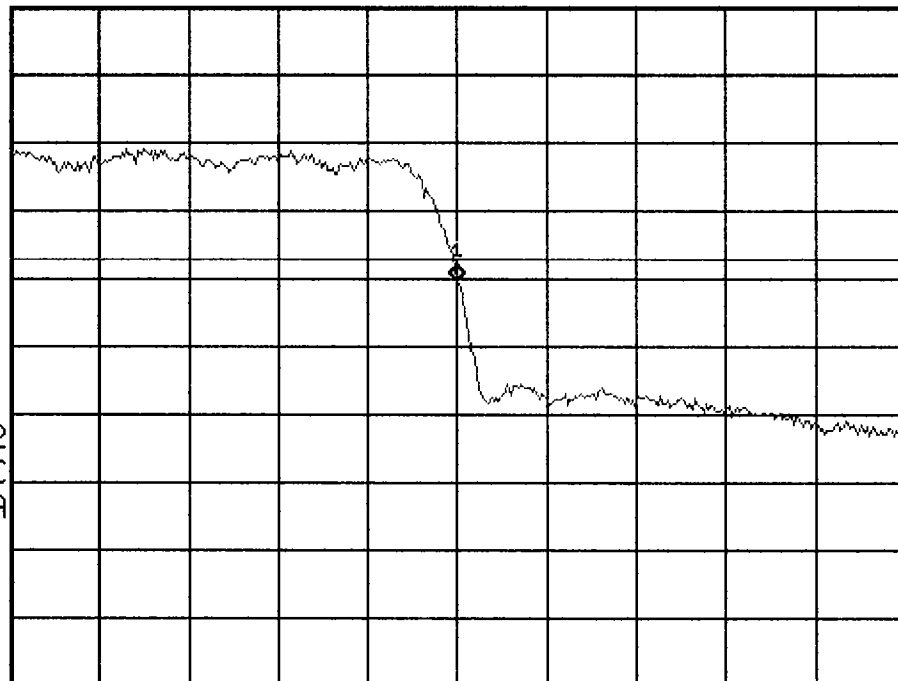
S3 FC

AA

E(f):

f>50k

Swp



Center 849.000 MHz

Span 2 MHz

*Res BW 13 kHz

*VBW 13 kHz

Sweep 45.15 ms (401 pts)

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Freq/Channel

Center Freq
849.000000 MHz

Start Freq
848.000000 MHz

Stop Freq
850.000000 MHz

CF Step
200.000000 kHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Agilent

L

Model: QB04 BAND EDGE CDMA Ch-777

Mkr1 850.045 MHz

Ref 24 dBm

Atten 30 dB

-30.085 dBm

Samp

Log

10

dB/

Offst

10.6

dB

DI

-13.0

dBm

LgAv

100

V1 S2

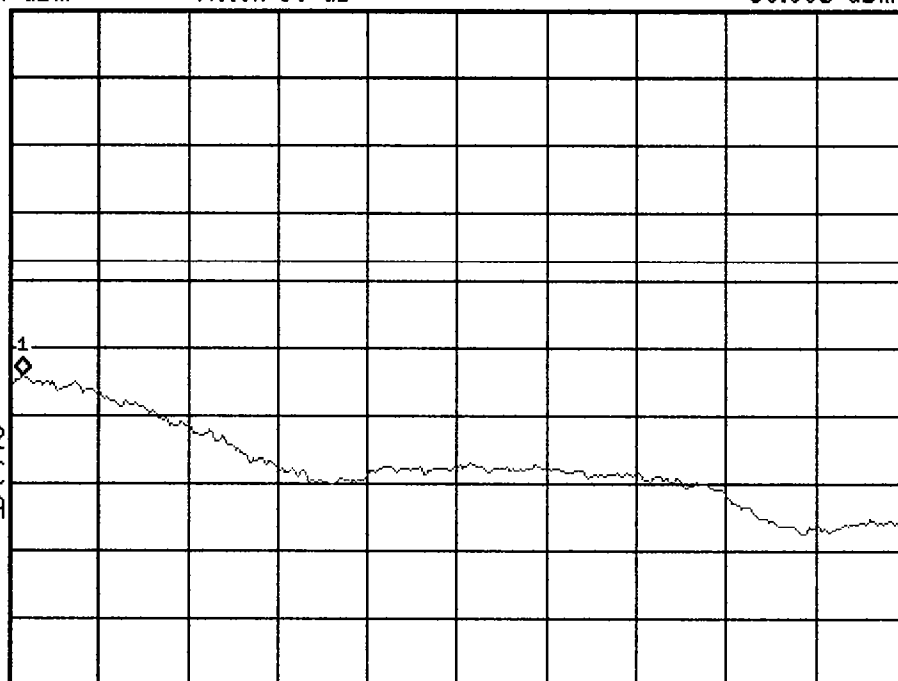
S3 FC

AA

E(f):

f>50k

Swp



Start 850.000 MHz

Stop 853.000 MHz

*Res BW 100 kHz

VBW 100 kHz

Sweep 1.147 ms (401 pts)

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Freq/Channel

Center Freq
851.500000 MHz

Start Freq
850.000000 MHz

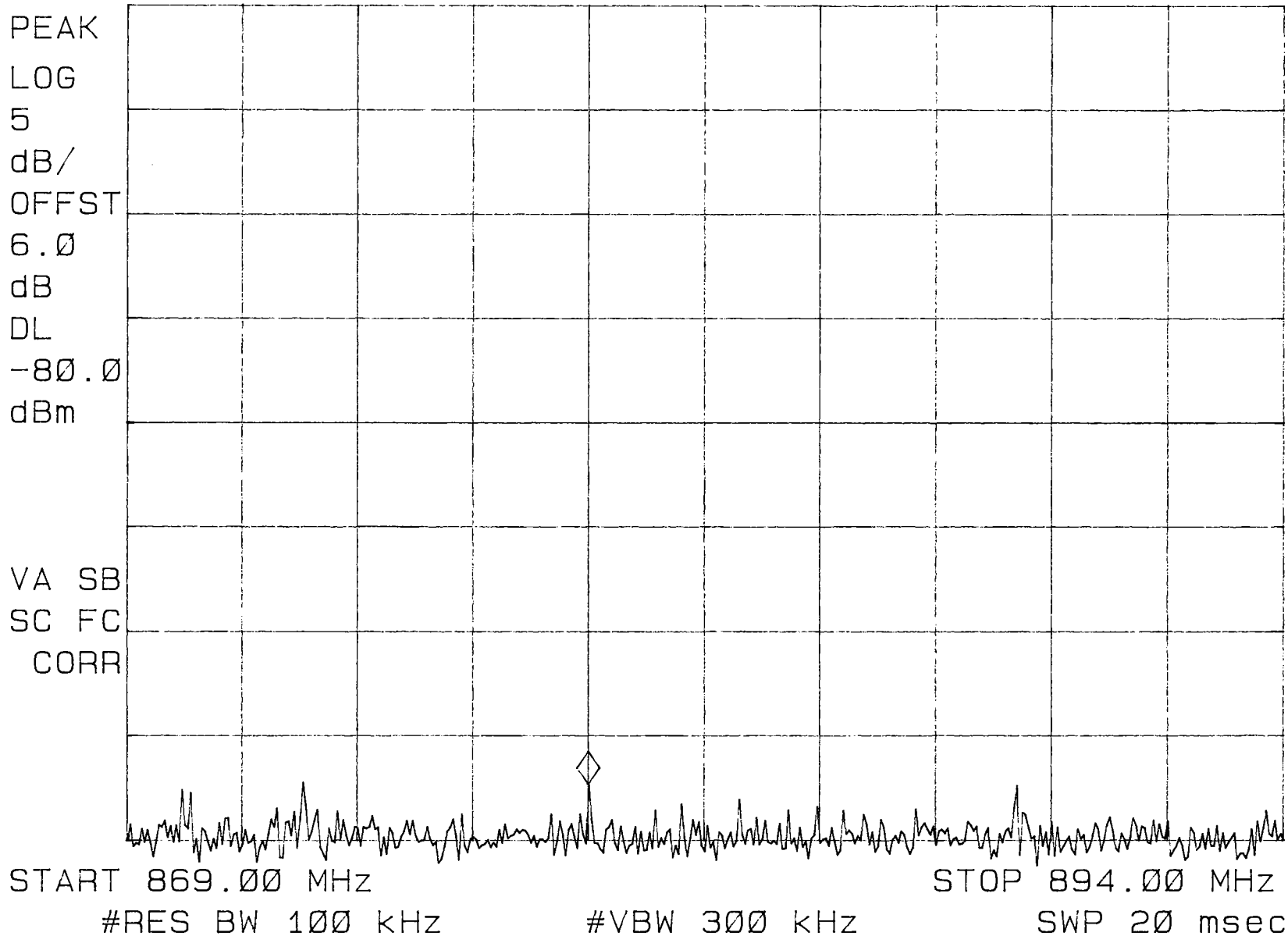
Stop Freq
853.000000 MHz

CF Step
300.000000 kHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

~~/P~~ FLEXTRONICS MODEL: QB04 CDMA MODE MKR 879.00 MHz
REF -60.0 dBm ATTEN 10 dB PG 26.0 dB -97.33 dBm



PCTEST Engineering Lab., Inc.

SUBJECT: Modulation Characteristics
FCC Part 22

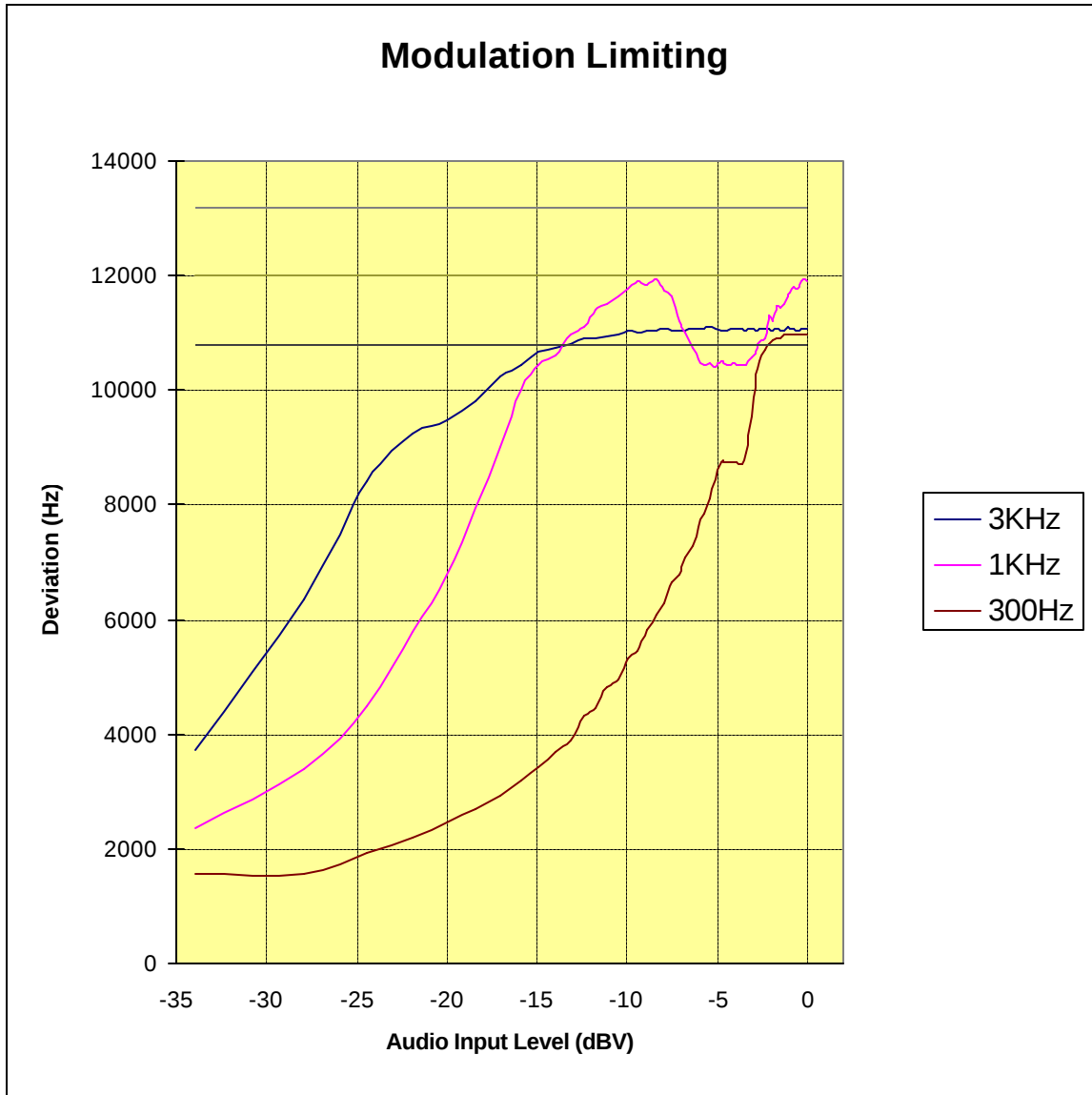
Test Report No.: 22.230414189.Q3O
Test Date: 04.17.2003

EUT: FLEXTRONICS Dual-Mode Cellular Phone (AMPS/CDMA)

Model: QB04

FCC ID: Q3OODM-QB04

REFERENCE: 1 kHz = 0 dB



FLEXTRONICS Dual-Mode Cellular Phone (AMPS/CDMA)
FCC ID: Q3OODM-QB04

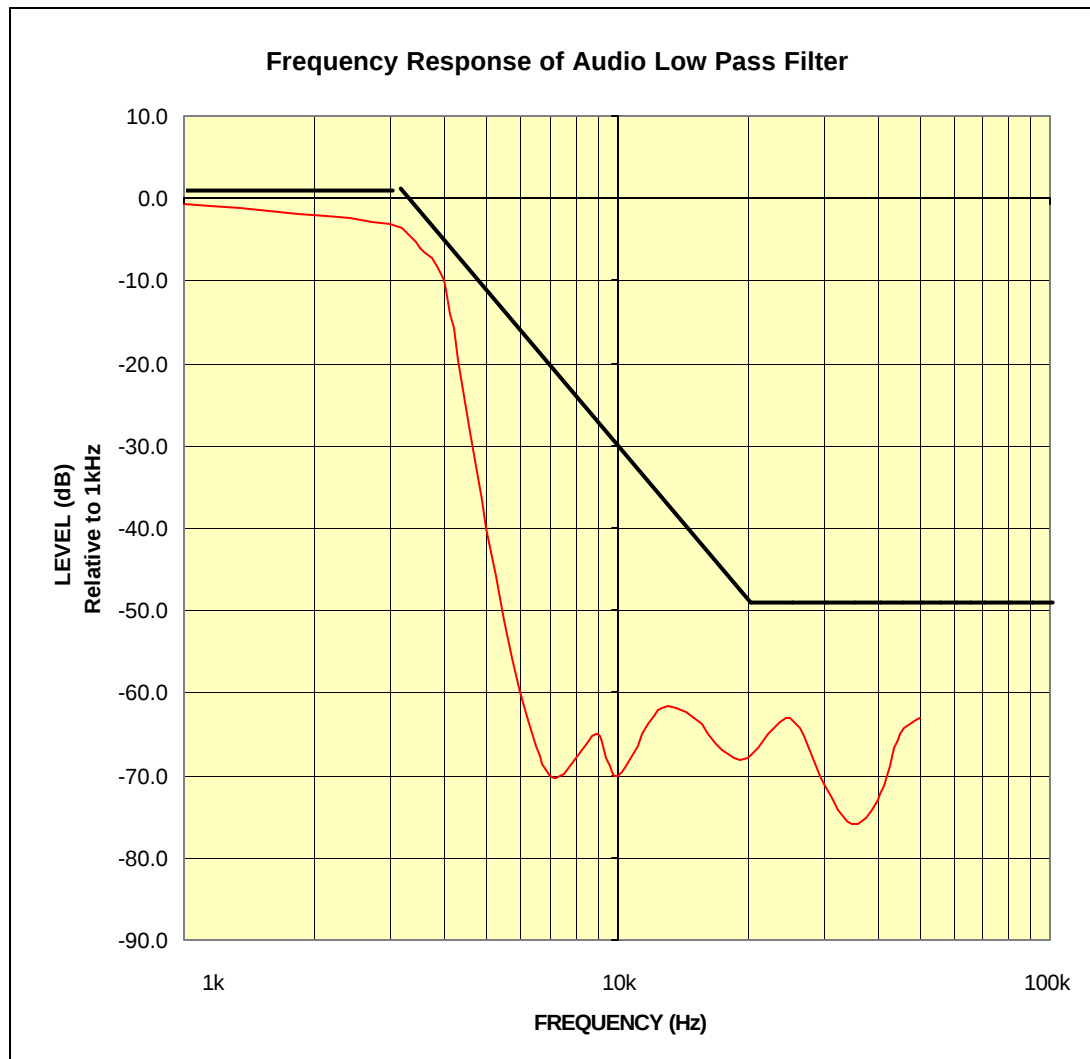
PCTEST Engineering Lab., Inc.

SUBJECT: Modulation Characteristics
FCC Part 22

Test Report No.: 22.230414189.Q3O
Test Date: 04.17.2003

EUT: FLEXTRONICS Dual-Mode Cellular Phone (AMPS/CDMA)
Model: QB04
FCC ID: Q3OODM-QB04

REFERENCE: 1 kHz = 0 dB



FLEXTRONICS Dual-Mode Cellular Phone (AMPS/CDMA)
FCC ID: Q3OODM-QB04

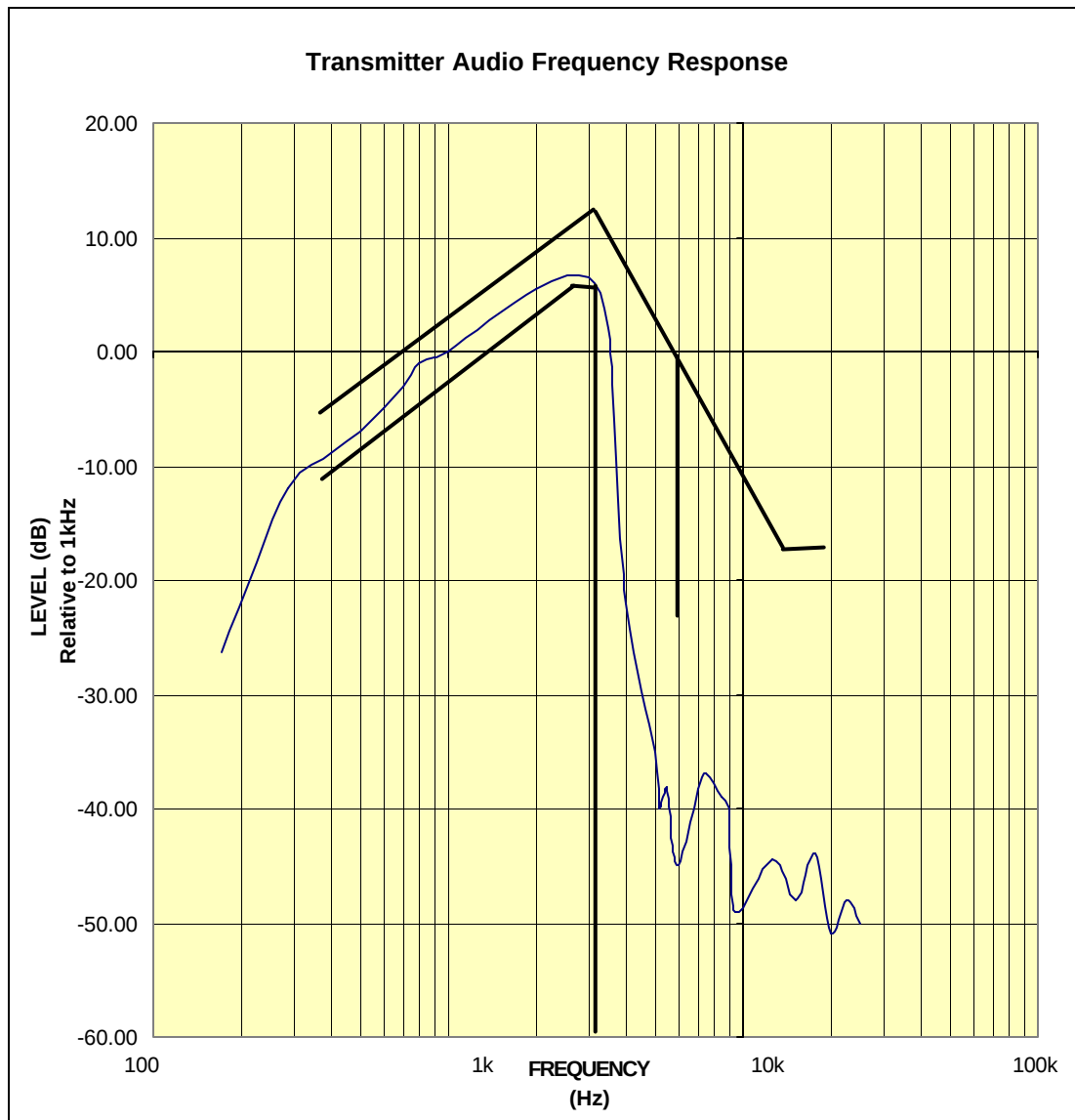
PCTEST Engineering Lab., Inc.

SUBJECT: Modulation Characteristics
FCC Part 22

Test Report No.: 22.230414189.Q3O
Test Date: 04.17.2003

EUT: FLEXTRONICS Dual-Mode Cellular Phone (AMPS/CDMA)
Model: QB04
FCC ID: Q3OODM-QB04

REFERENCE: 1 kHz = 0 dB



FLEXTRONICS Dual-Mode Cellular Phone (AMPS/CDMA)
FCC ID: Q3OODM-QB04