

PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:CKLHGT-1000E

HYUNDAI Electronics

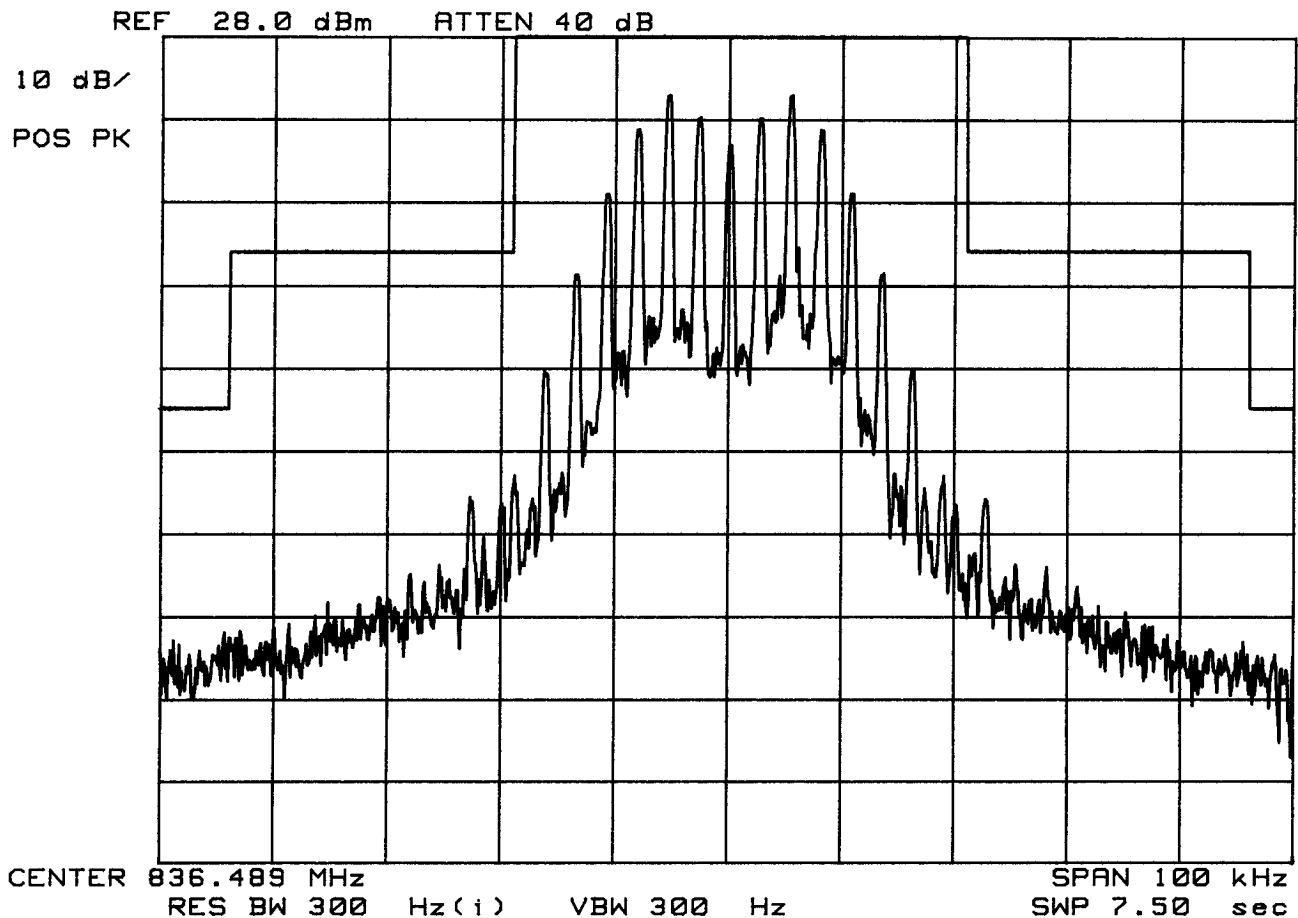
TRI-MODE PHONE

FM Channel 383

Operating Frequency: 836.490 MHz

Output Power : 28.0 dBm

Test Mode:Voice



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:CKLHGT-1000E

HYUNDAI ELECTRONICS

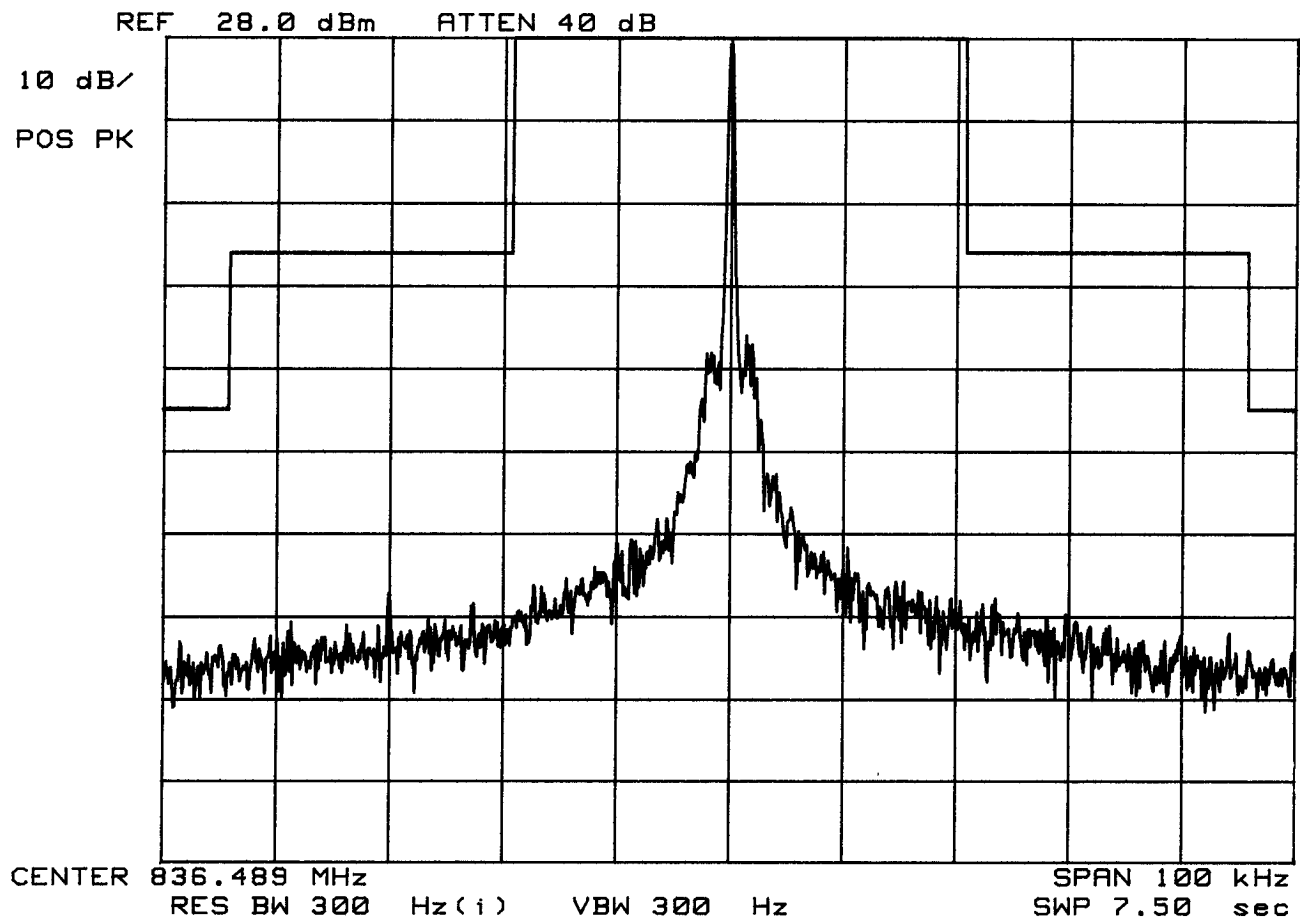
TRI-MODE PHONE

FM Channel 383

Operating Frequency: 836.490 MHz

Output Power : 28.0 dBm

Test Mode:Unmodulated Signal



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:CKLHGT-1000E

HYUNDAI ELECTRONICS

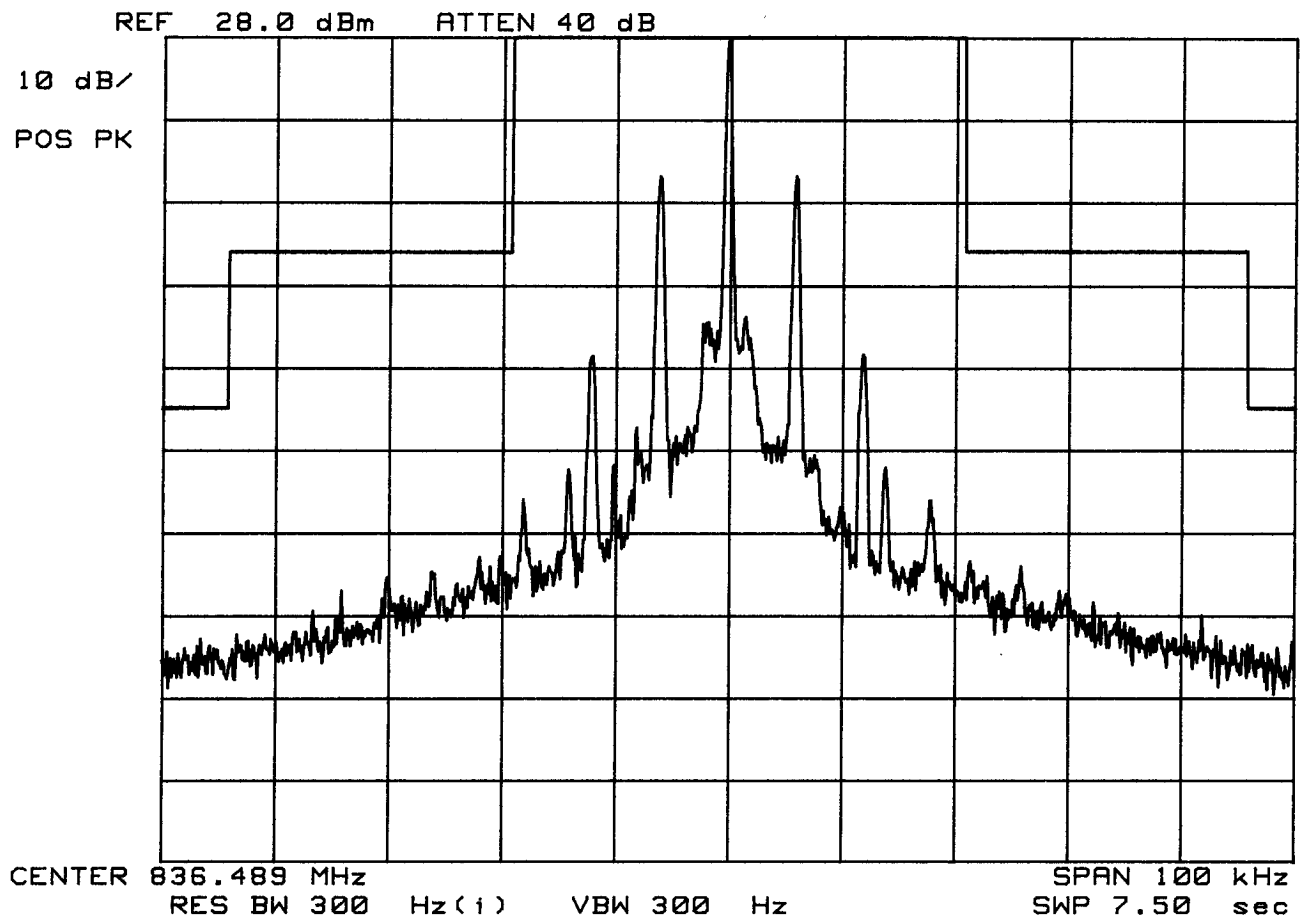
TRI-MODE PHONE

FM Channel 383

Operating Frequency: 836.490 MHz

Output Power : 28.0 dBm

Test Mode:SAT



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:CKLHGT-1000E

HYUNDAI ELECTRONICS

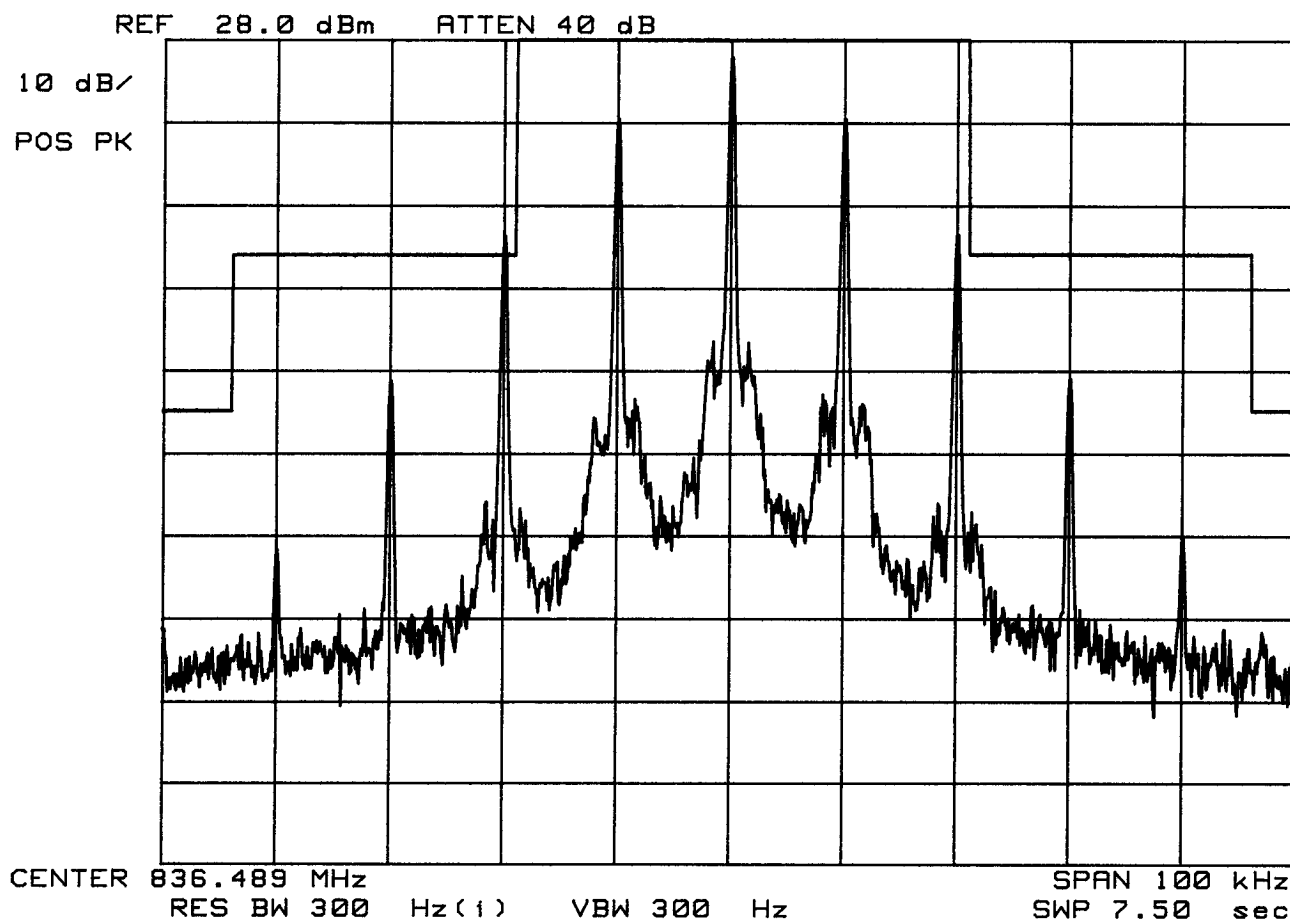
TRI-MODE PHONE

FM Channel 383

Operating Frequency: 836.490 MHz

Output Power : 28.0 dBm

Test Mode:ST



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:CKLHGT-1000E

HYUNDAI ELECTRONICS

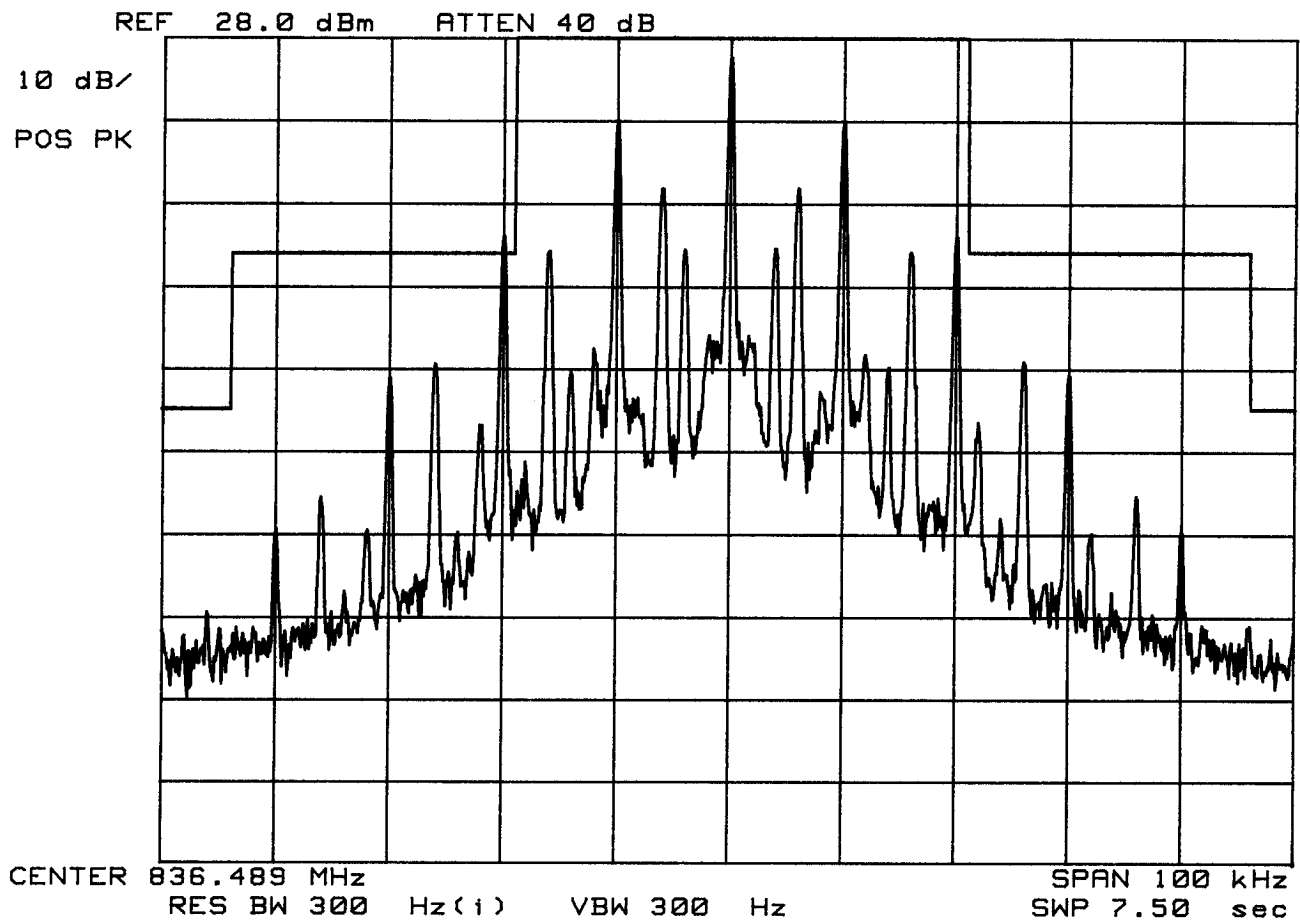
TRI-MODE PHONE

FM Channel 383

Operating Frequency: 836.490 MHz

Output Power : 28.0 dBm

Test Mode:SAT + ST



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:CKLHGT-1000E

HYUNDAI ELECTRONICS

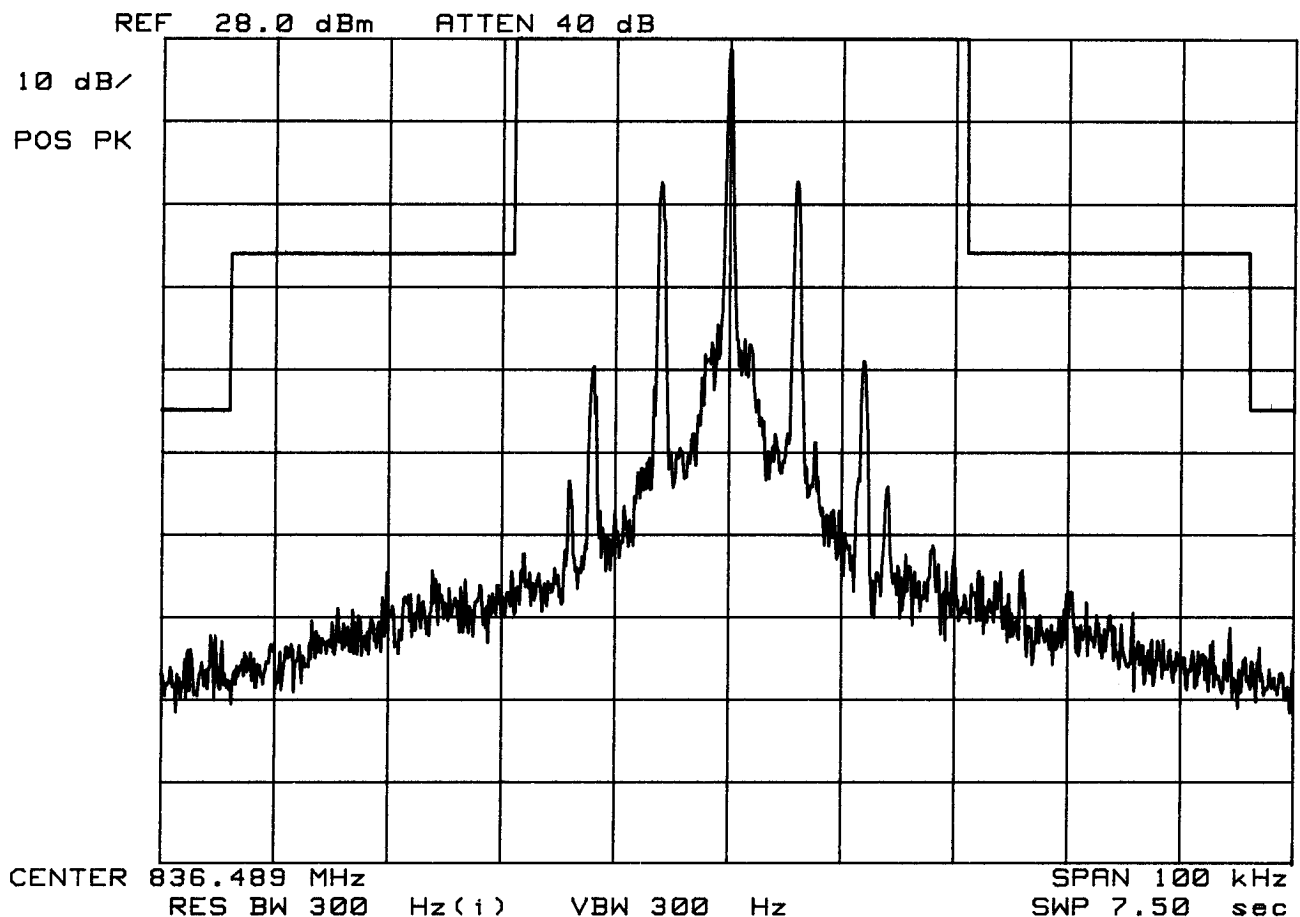
TRI-MODE PHONE

FM Channel 383

Operating Frequency: 836.490 MHz

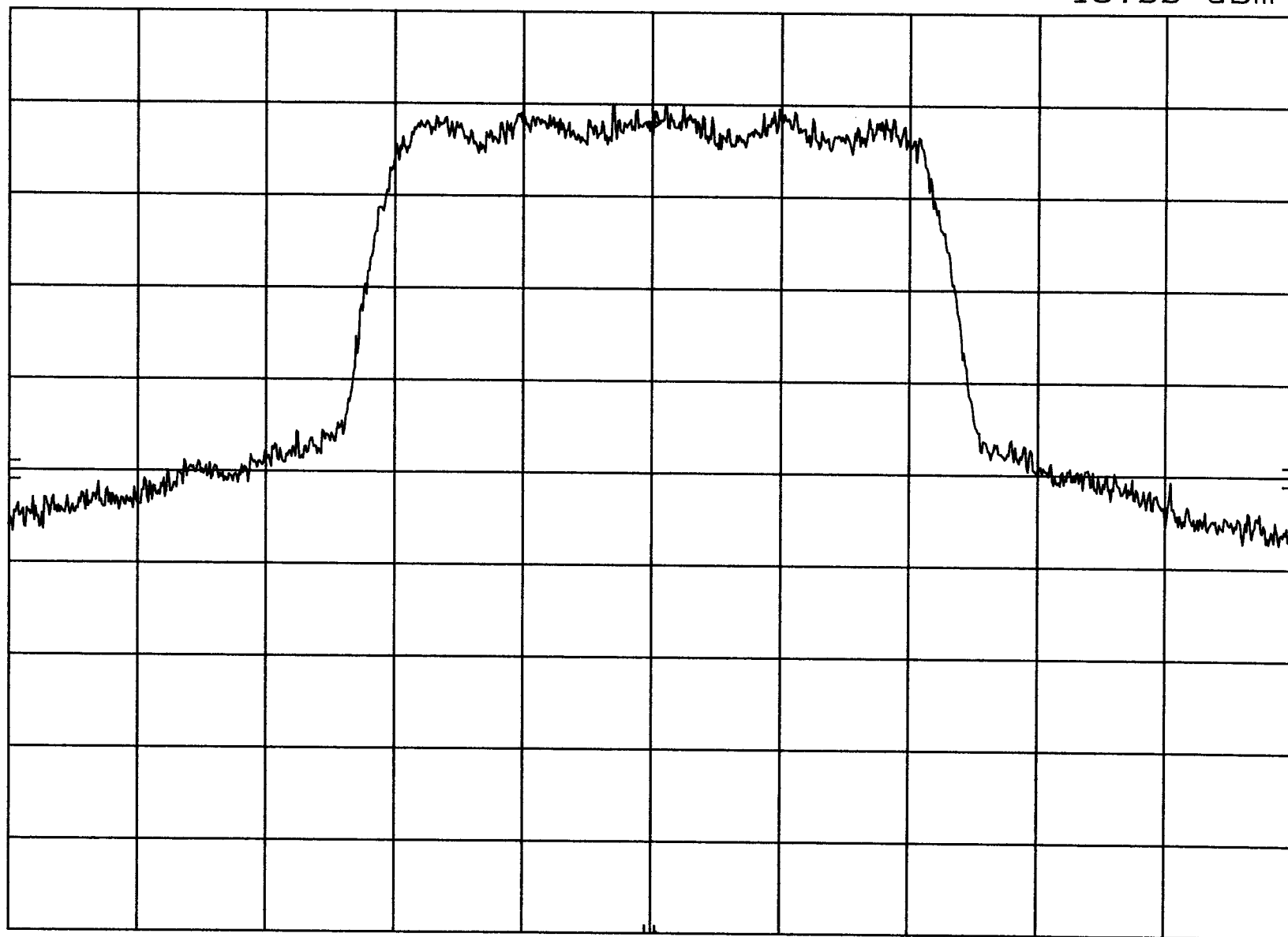
Output Power : 28.0 dBm

Test Mode:SAT + DTMF



FCC ID CKLHGT-1000E PCS PWR OUT Ch0025 MKR 1.851 000 GHz
REF 25.1 dBm ATTN 40 dB 13.00 dBm

hp
10 dB/
POS PK
OFFSET
1.0
dB



CENTER 1.851 00 GHz SPAN 3.00 MHz
RES BW 30 kHz (i) VBW 300 kHz SWP 22.5 msec

FCC ID# CKLHGT-1000E CDMA PWR OUT Ch-0363 MKR 835.900 MHz
hp REF 25.7 dBm ATTEN 40 dB + 20 dB 10.60 dBm

10 dB/

POS PK

OFFSET

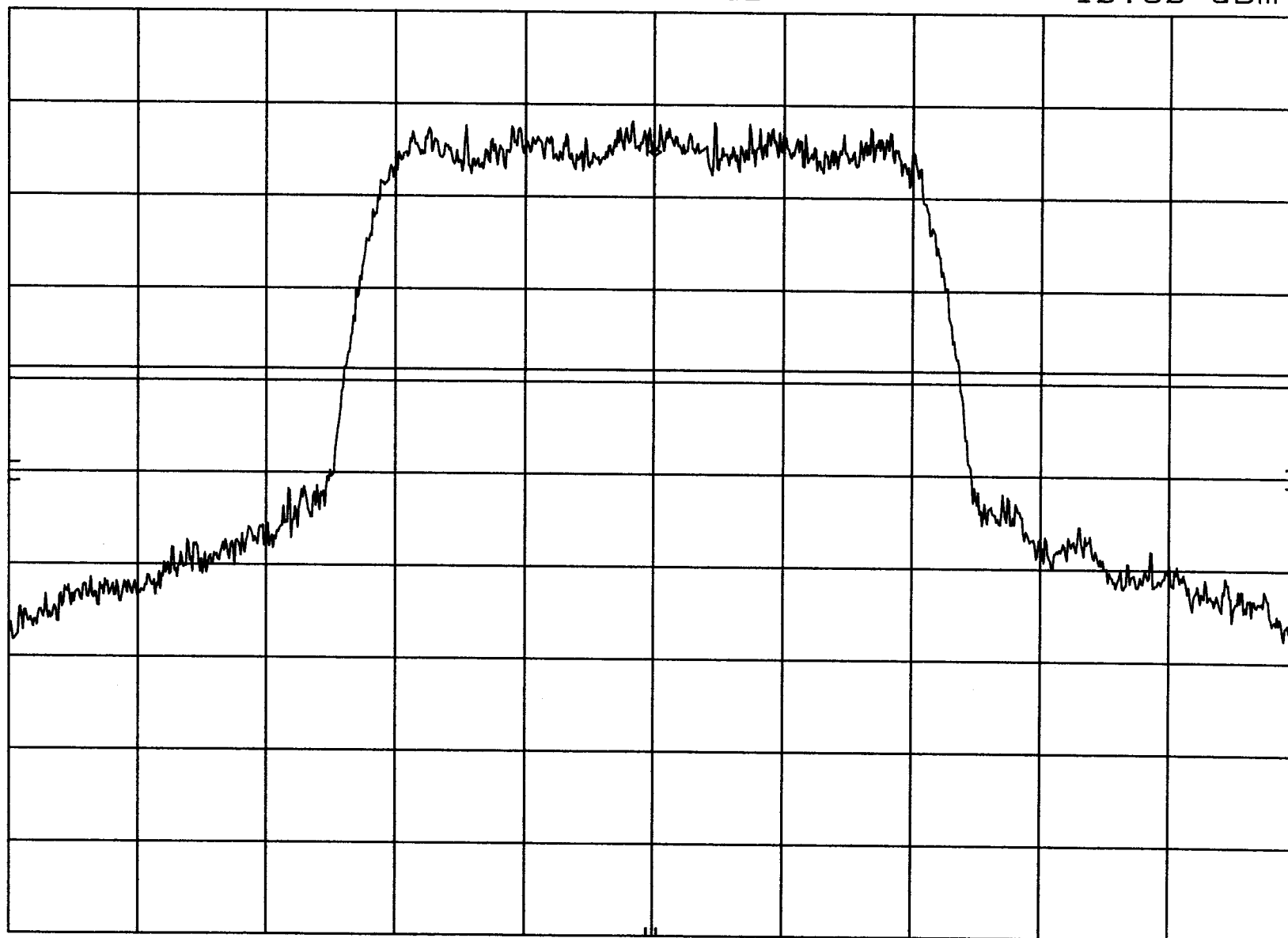
1.0

dB

DL

-13.0

dBm



CENTER 835.90 MHz

RES BW 30 kHz (i)

VBW 300 kHz

SPAN 3.00 MHz

SWP 22.5 msec

FCC ID CKLHGT-1000E PCS PWR OUT Ch0600 MKR 1.880 000 GHz
REF 25.1 dBm ATTEN 40 dB 12.30 dBm

hp

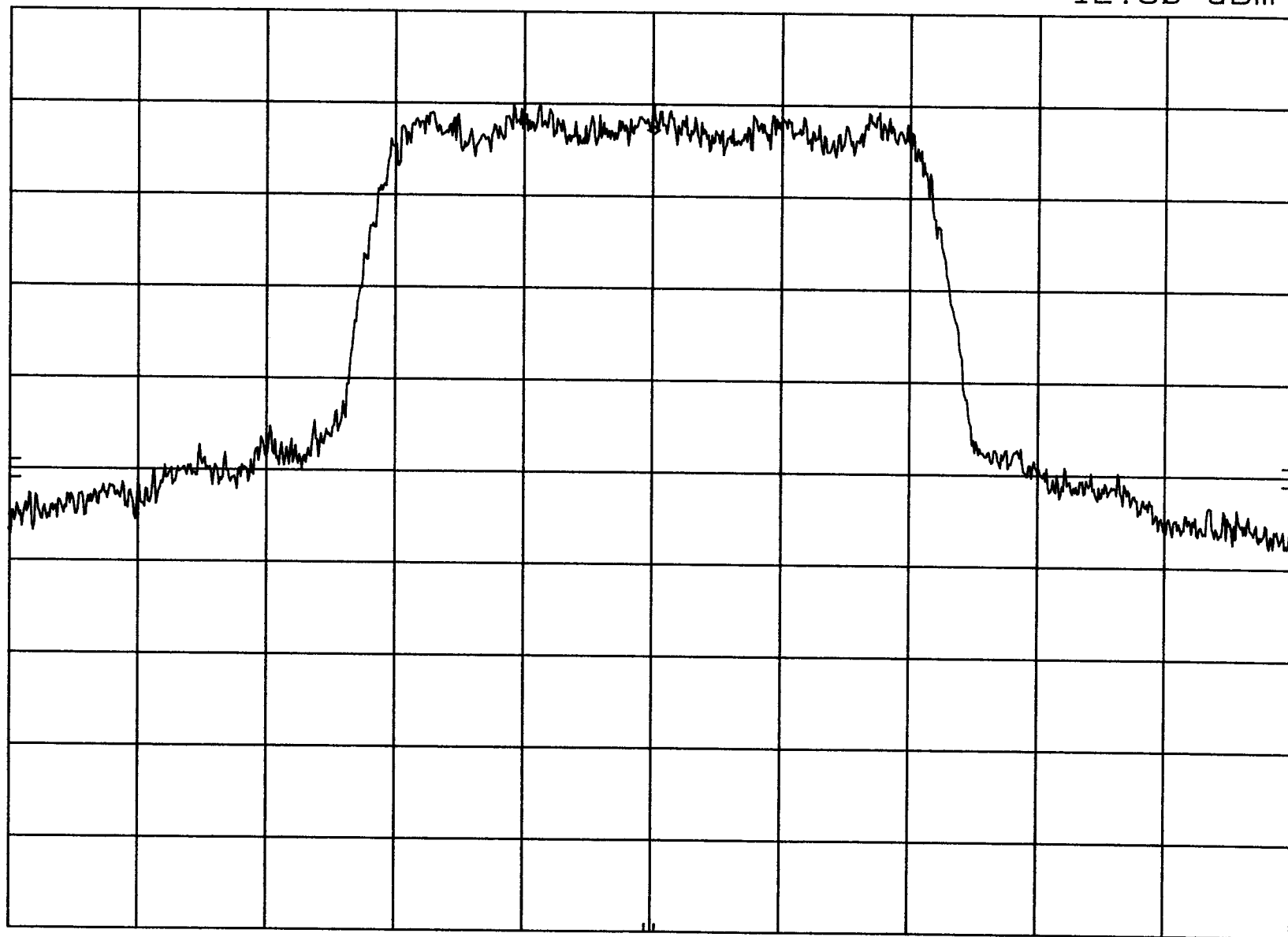
10 dB/

POS PK

OFFSET

1.0

dB



CENTER 1.880 00 GHz

RES BW 30 kHz (i)

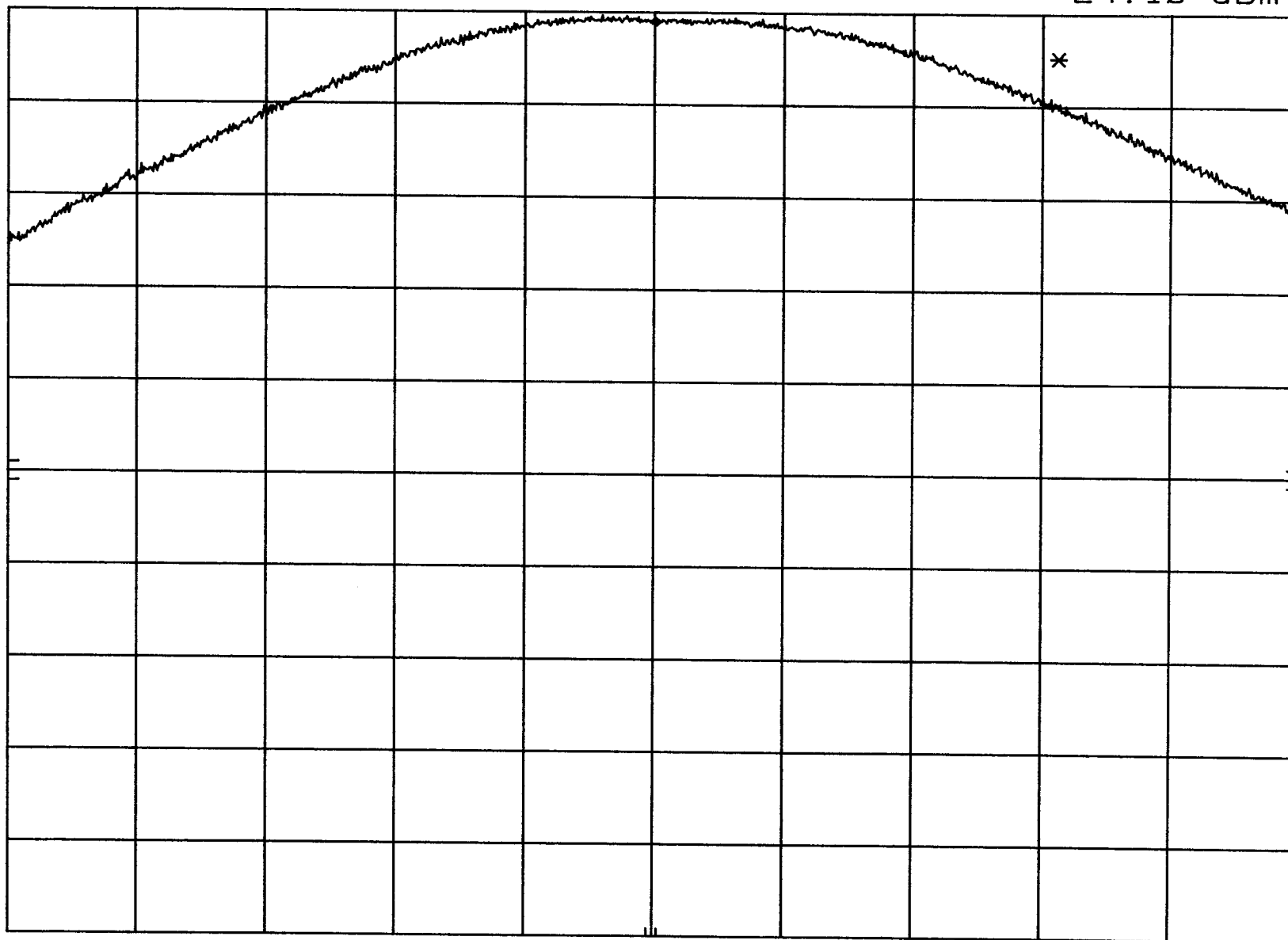
VBW 300 kHz

SPAN 3.00 MHz

SWP 22.5 msec

FCC ID CKLHGT-1000E PCS PWR OUT Ch0025 MKR 1.851 000 GHz
REF 25.1 dBm ATTN 40 dB 24.10 dBm

hp
10 dB/
POS PK
OFFSET
1.0
dB



CENTER 1.851 0 GHz SPAN 10.0 MHz
RES BW 3 MHz (i) VBW 3 MHz SWP 20.0 msec

FCC ID CKLHGT-1000E PCS BAND EDGE Ch1175 MKR 1.910 000 GHz
REF 25.1 dBm ATTN 40 dB -21.70 dBm

hp

10 dB/

POS PK

OFFSET

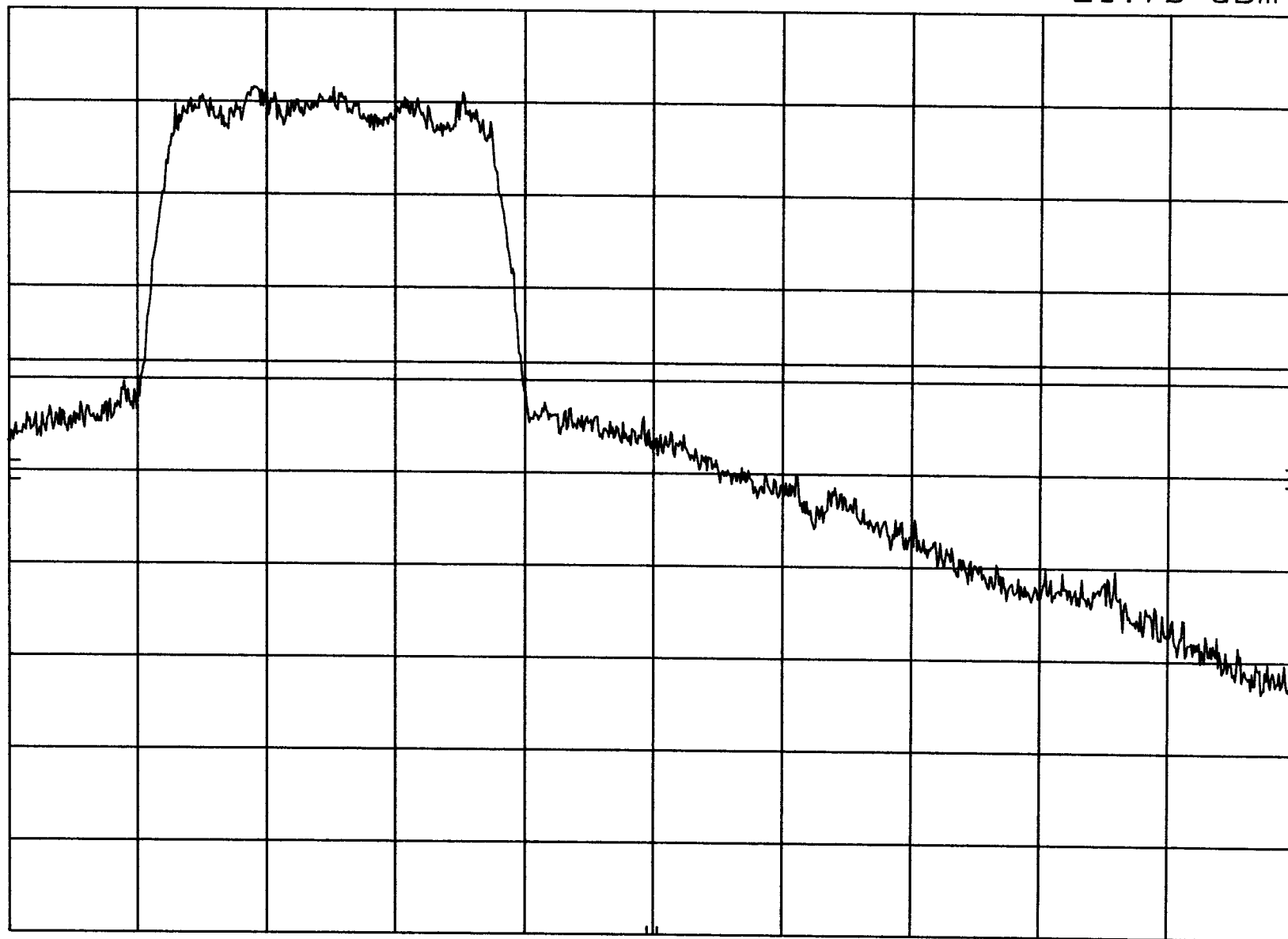
1.0

dB

DL

-13.0

dBm



CENTER 1.910 00 GHz

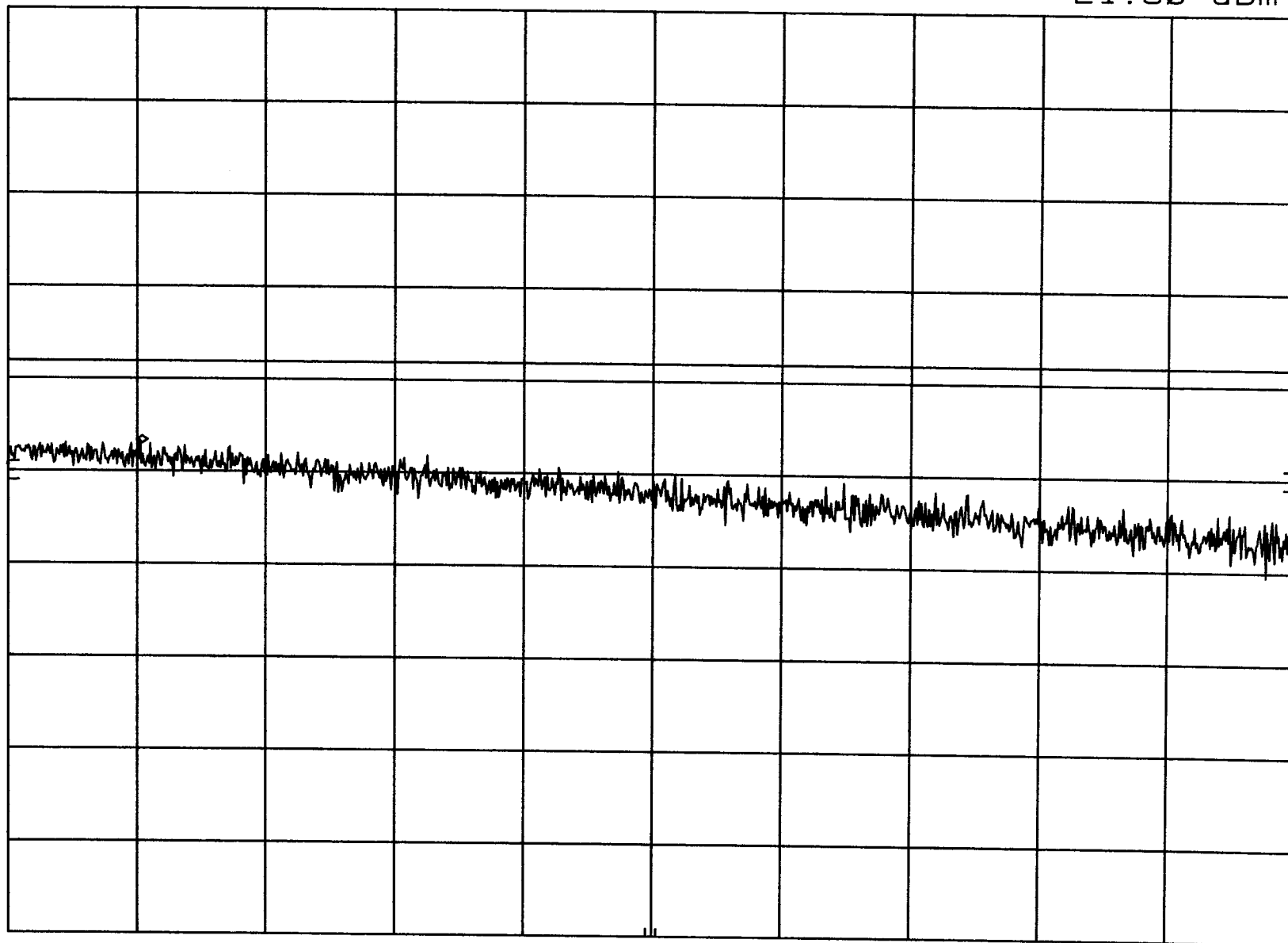
RES BW 30 kHz (i)

VBW 30 kHz

SPAN 5.00 MHz
SWP 37.5 msec

FCC ID CKLHGT-1000E PCS BAND EDGE Ch1175 MKR 1.912 603 GHz
REF 25.1 dBm ATTN 40 dB -21.50 dBm

hp
10 dB/
POS PK
OFFSET
1.0
dB
DL
-13.0
dBm



CENTER 1.913 00 GHz

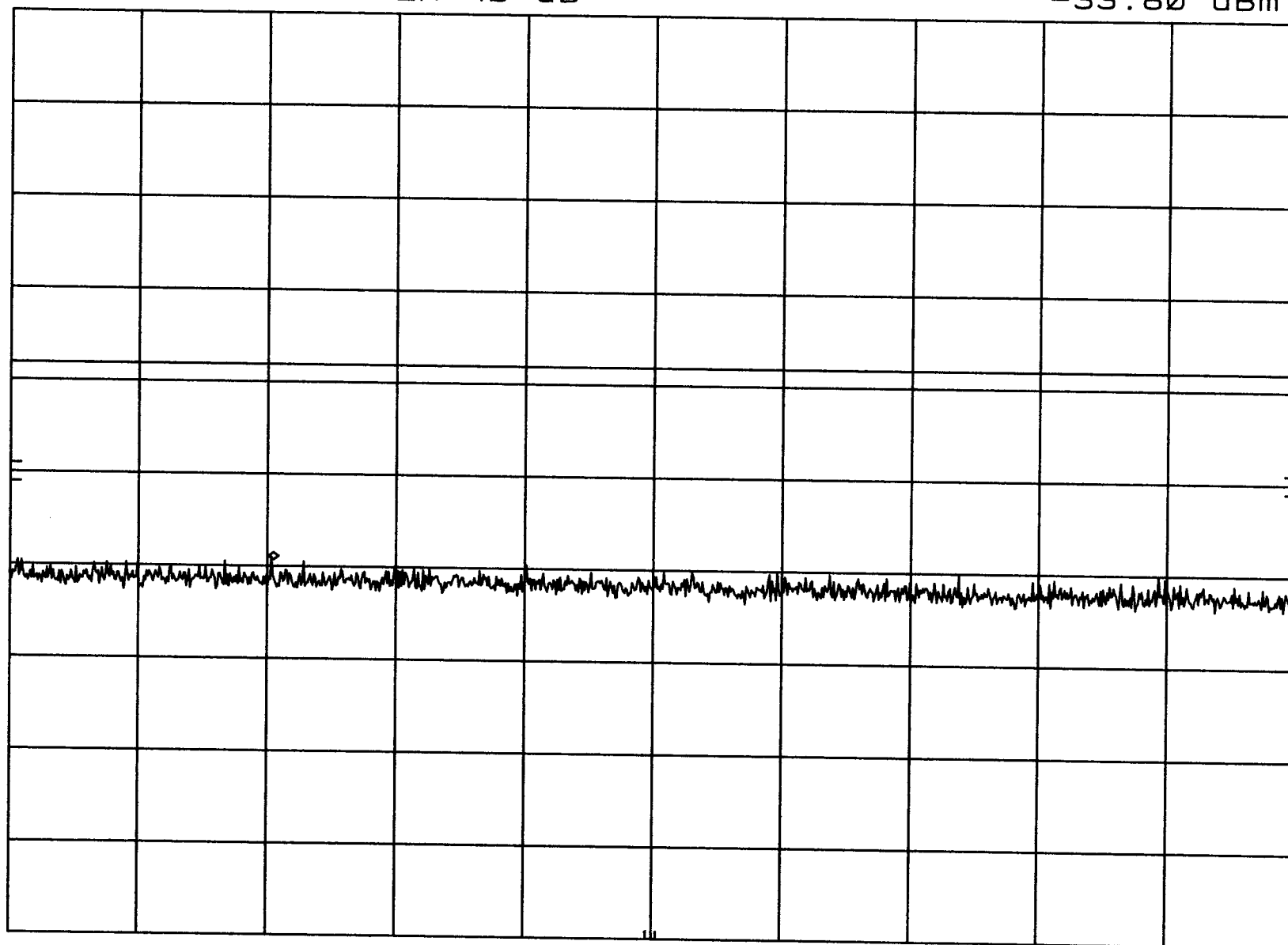
RES BW 1 MHz (i)

VBW 1 MHz

SPAN 1.00 MHz
SWP 20.0 msec

FCC ID CKLHGT-1000E PCS BAND EDGE Ch1175 MKR 1.914 704 GHz
REF 25.1 dBm ATTEN 40 dB -33.80 dBm

hp
10 dB/
POS PK
OFFSET
1.0
dB
DL
-13.0
dBm



CENTER 1.915 00 GHz

RES BW 1 MHz (i)

VBW 1 MHz

SPAN 1.00 MHz
SWP 20.0 msec

FCC ID CKLHGT-1000E PCS BAND EDGE Ch1175 MKR 1.915 501 GHz
REF 25.1 dBm ATTN 40 dB -35.90 dBm

hp

10 dB/

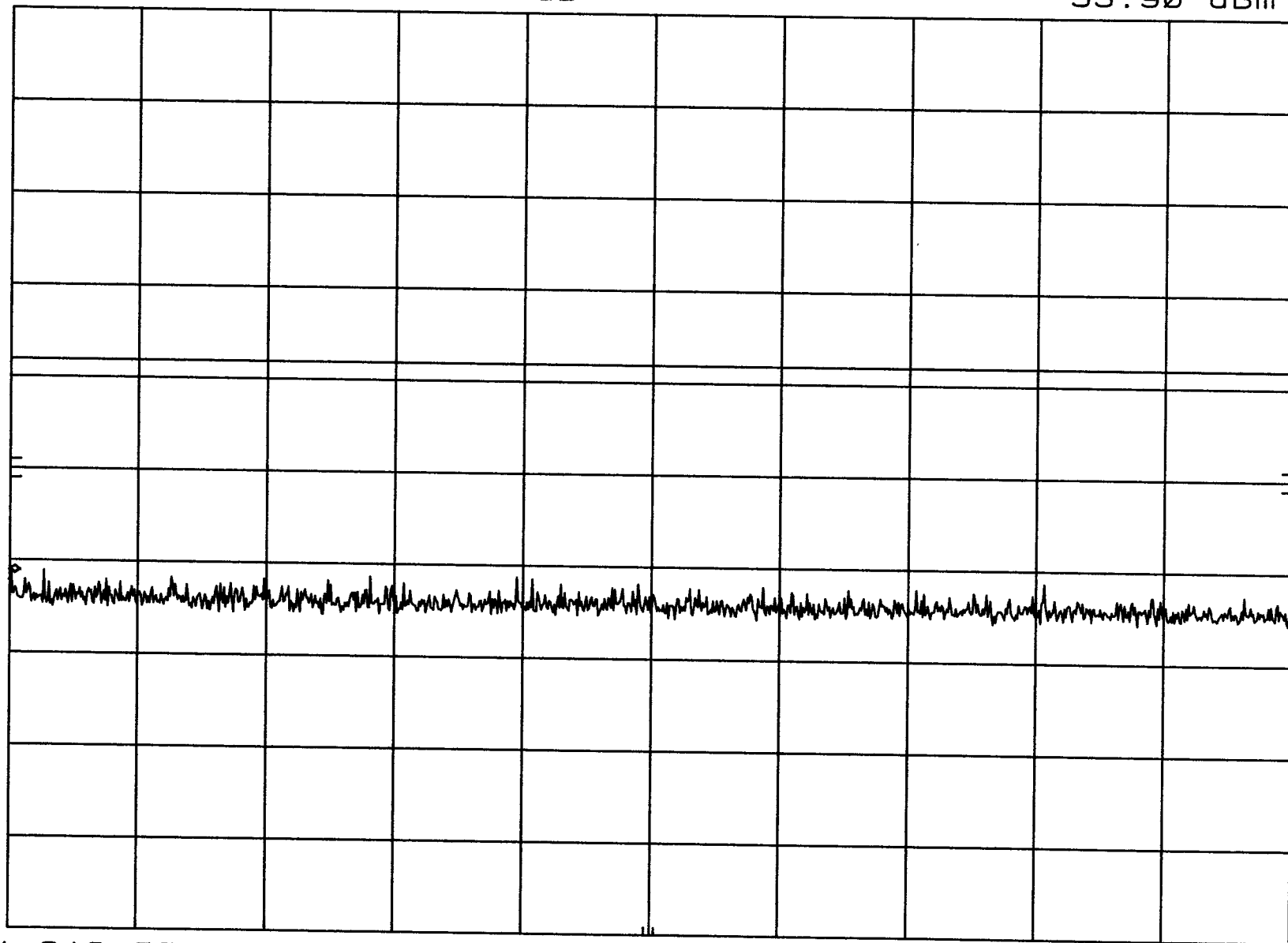
POS PK

OFFSET

1.0
dB

DL

-13.0
dBm



CENTER 1.916 00 GHz

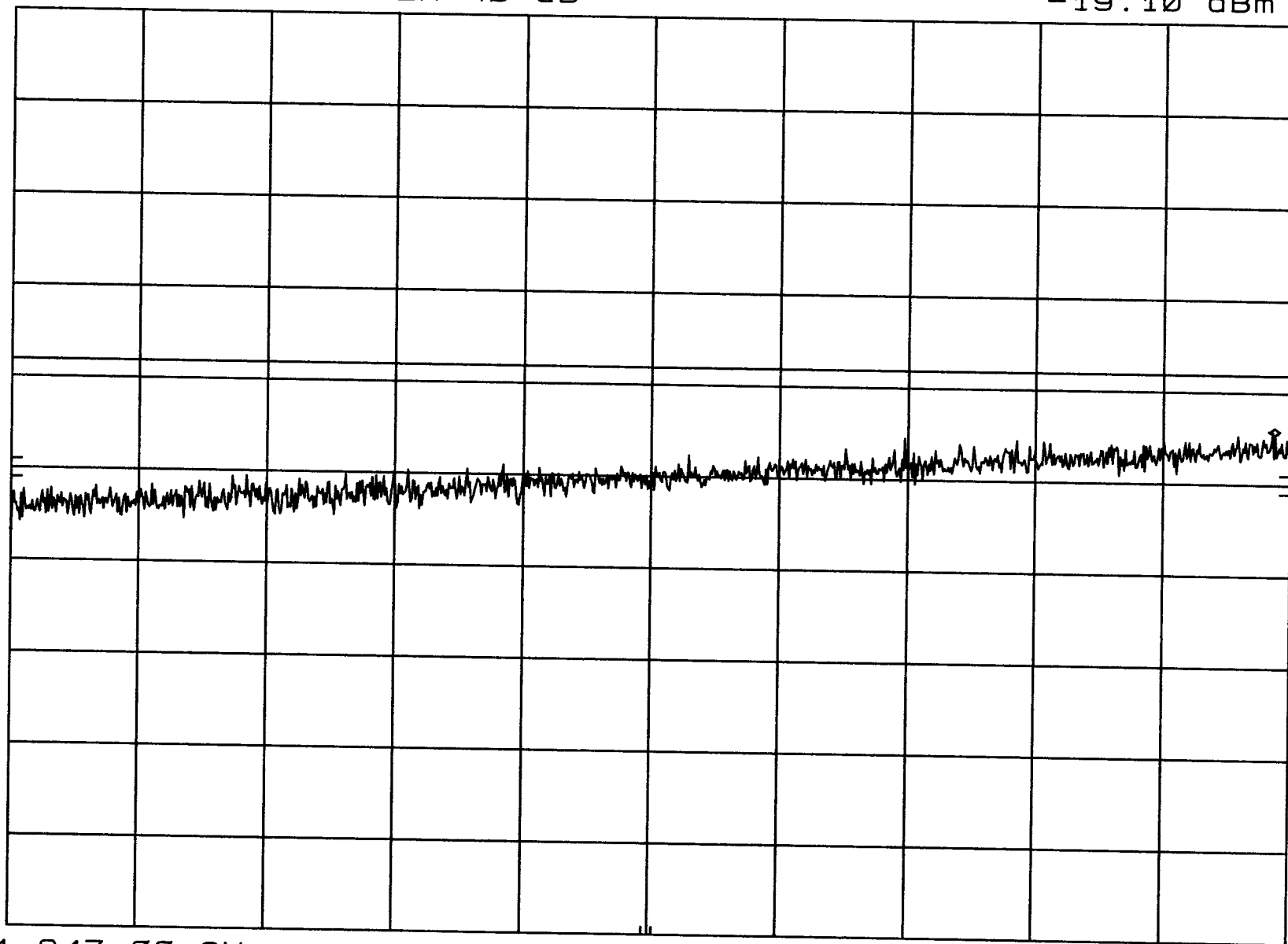
RES BW 1 MHz (i)

VBW 1 MHz

SPAN 1.00 MHz
SWP 20.0 msec

FCC ID CKLHGT-1000E PCS BAND EDGE Ch0025 MKR 1.847 486 GHz
REF 25.1 dBm ATTEN 40 dB -19.10 dBm

hp
10 dB/
POS PK
OFFSET
1.0
dB
DL
-13.0
dBm



CENTER 1.847 00 GHz

RES BW 1 MHz (i)

VBW 1 MHz

SPAN 1.000 MHz
SWP 20.0 msec

FCC ID CKLHGT-1000E PCS BAND EDGE Ch0025 MKR 1.846 447 GHz
REF 25.1 dBm ATTEN 40 dB -27.60 dBm

hp

10 dB/

POS PK

OFFSET

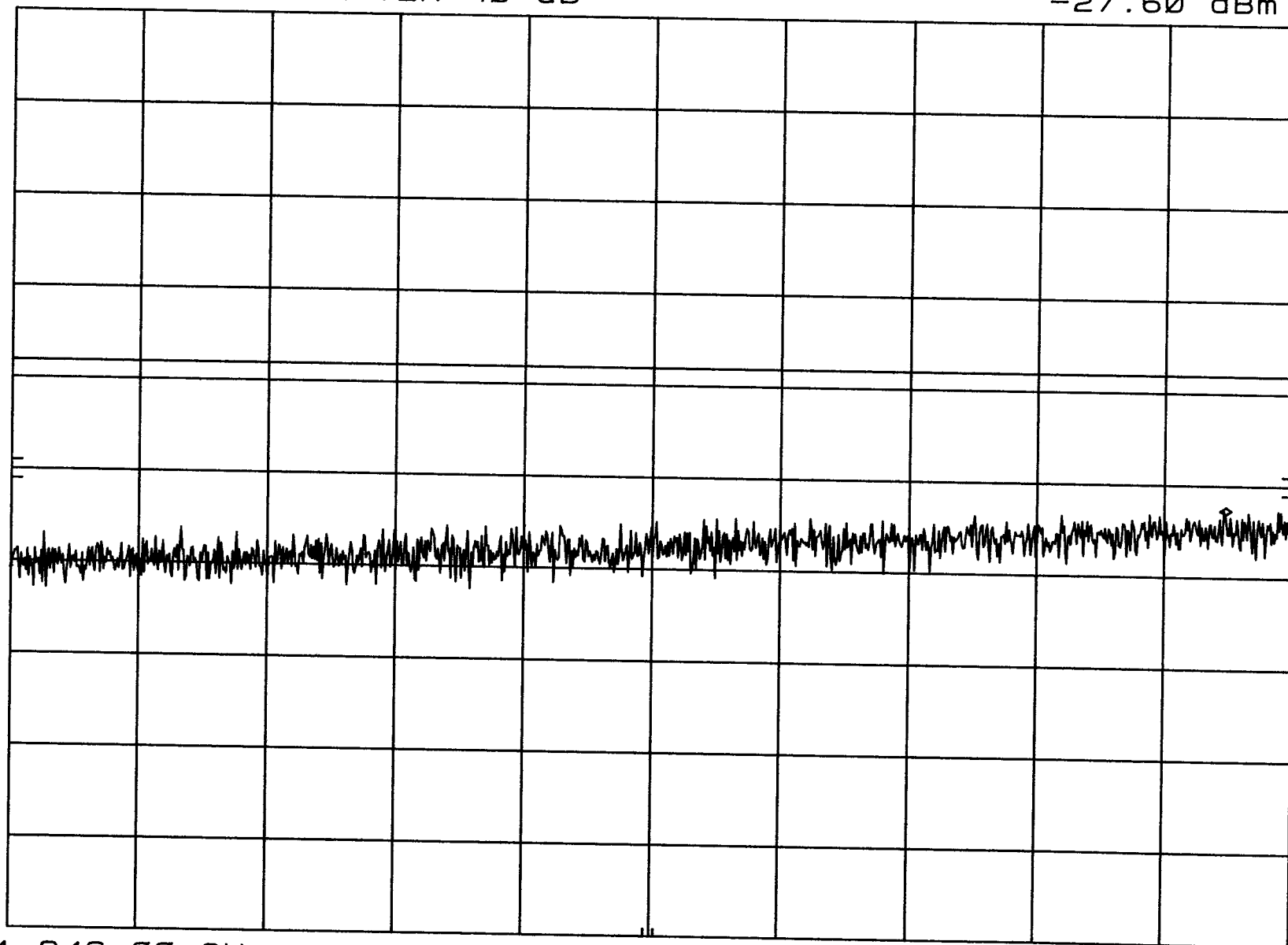
1.0

dB

DL

-13.0

dBm



CENTER 1.846 00 GHz

RES BW 1 MHz (i)

VBW 1 MHz

SPAN 1.00 MHz
SWP 20.0 msec

FCC ID CKLHGT-1000E PCS BAND EDGE Ch0025 MKR 1.845 469 GHz
REF 25.1 dBm ATTEN 40 dB -31.10 dBm

hp

10 dB/

POS PK

OFFSET

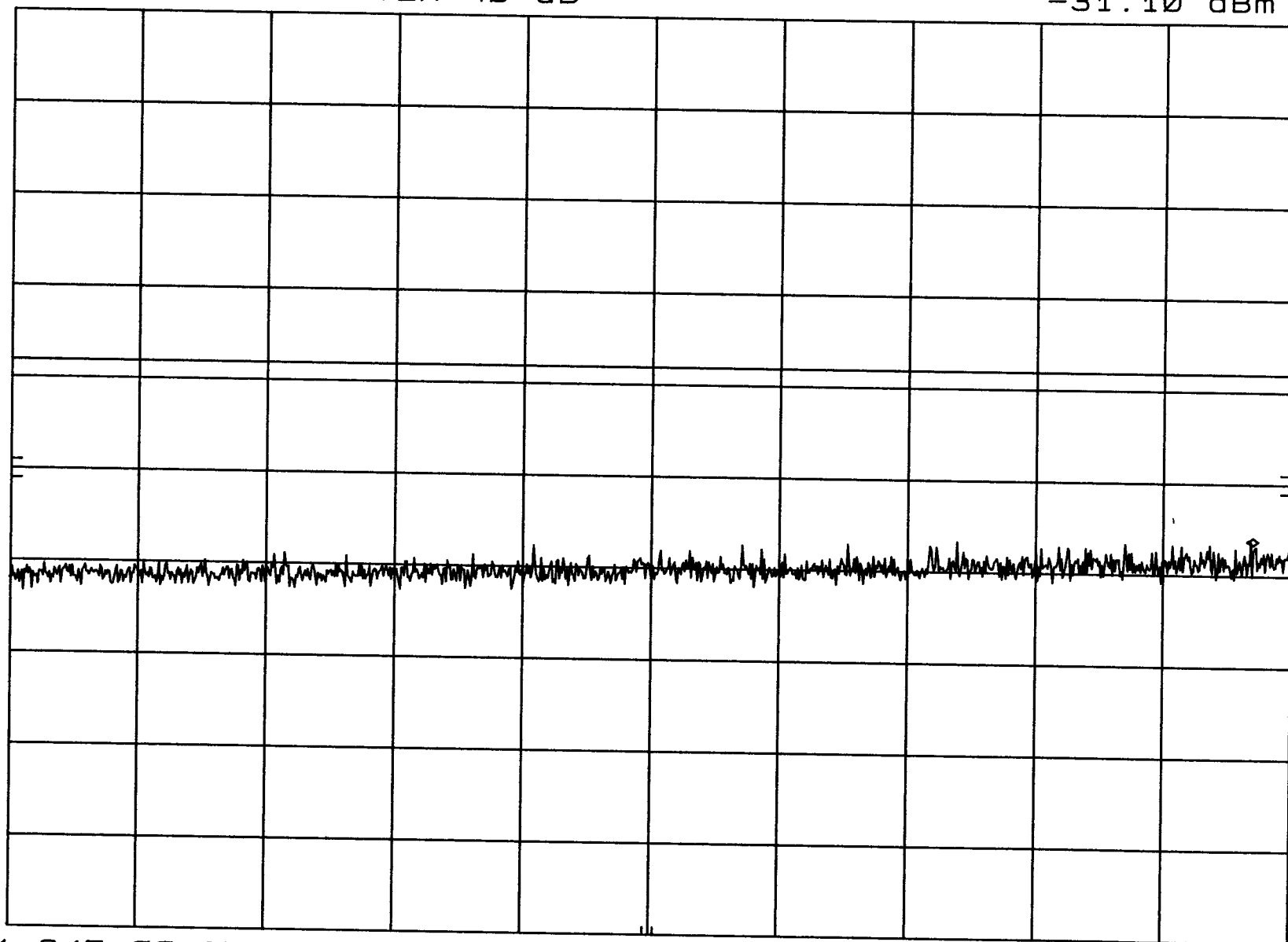
1.0

dB

DL

-13.0

dBm



CENTER 1.845 00 GHz

RES BW 1 MHz (i)

VBW 1 MHz

SPAN 1.00 MHz
SWP 20.0 msec

FCC ID CKLHGT-1000E PCS BAND EDGE Ch0025 MKR 1.844 416 GHz
REF 25.1 dBm ATTEN 40 dB -35.00 dBm

hp

10 dB/

POS PK

OFFSET

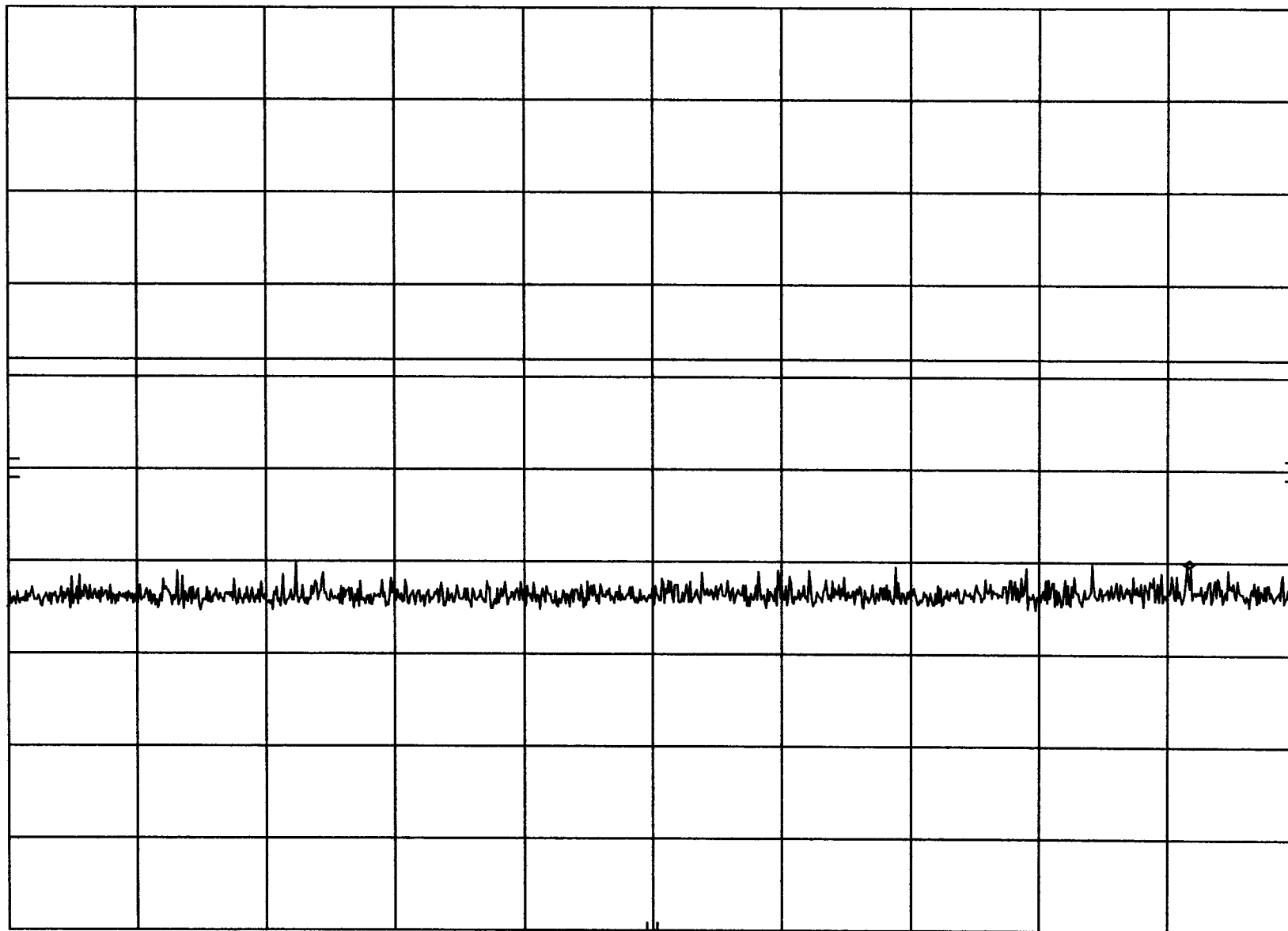
1.0

dB

DL

-13.0

dBm



CENTER 1.844 00 GHz

RES BW 1 MHz (i)

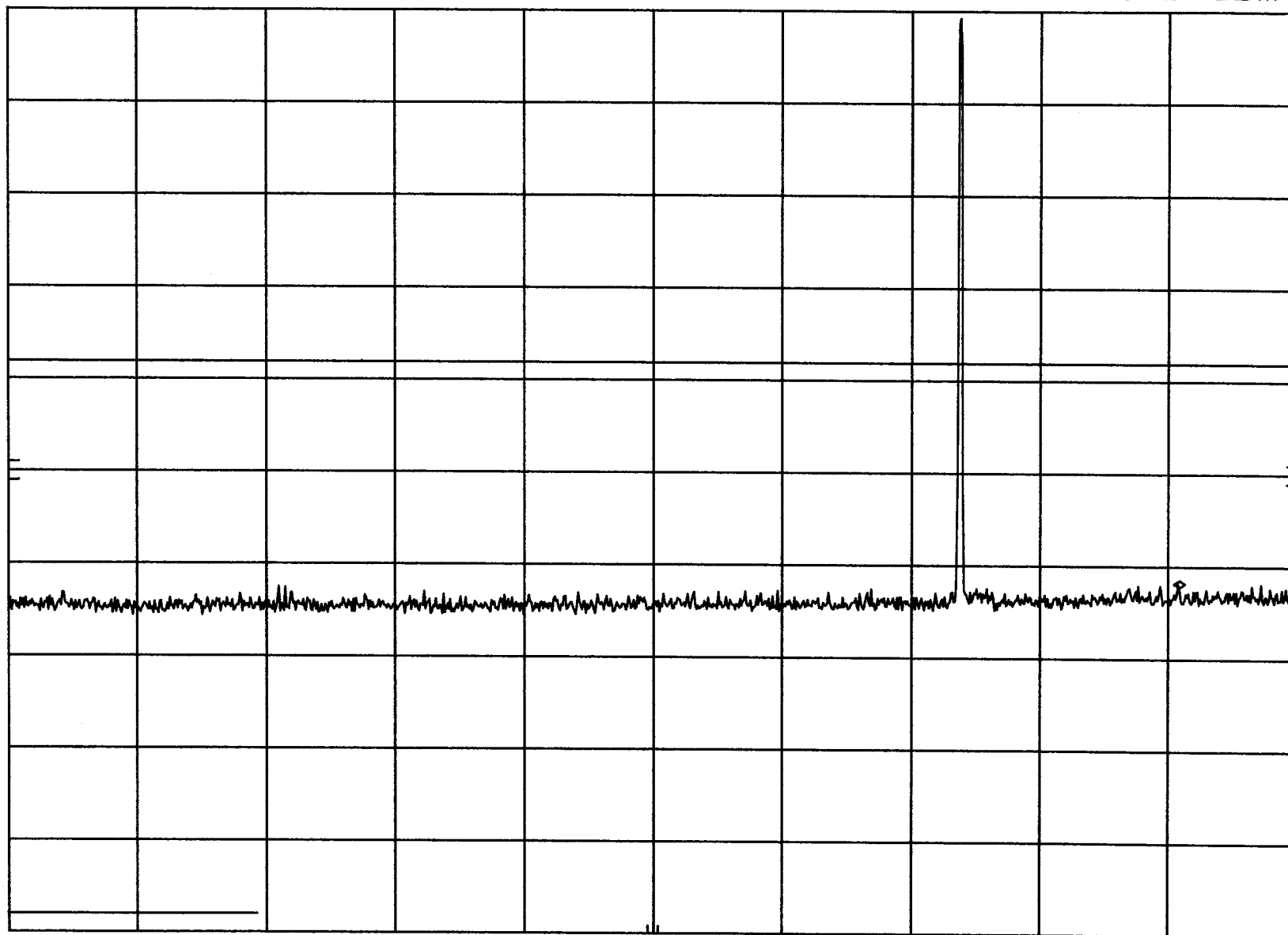
VBW 1 MHz

SPAN 1.000 MHz

SWP 20.0 msec

FCC ID# CKLHGT-1000E COND SPURS PCS Ch-0025 MKR 2.271 GHz
REF 25.1 dBm ATTN 40 dB + 20 dB -36.70 dBm

hp
10 dB/
POS PK
OFFSET
1.0
dB
DL
-13.0
dBm



START 10 MHz

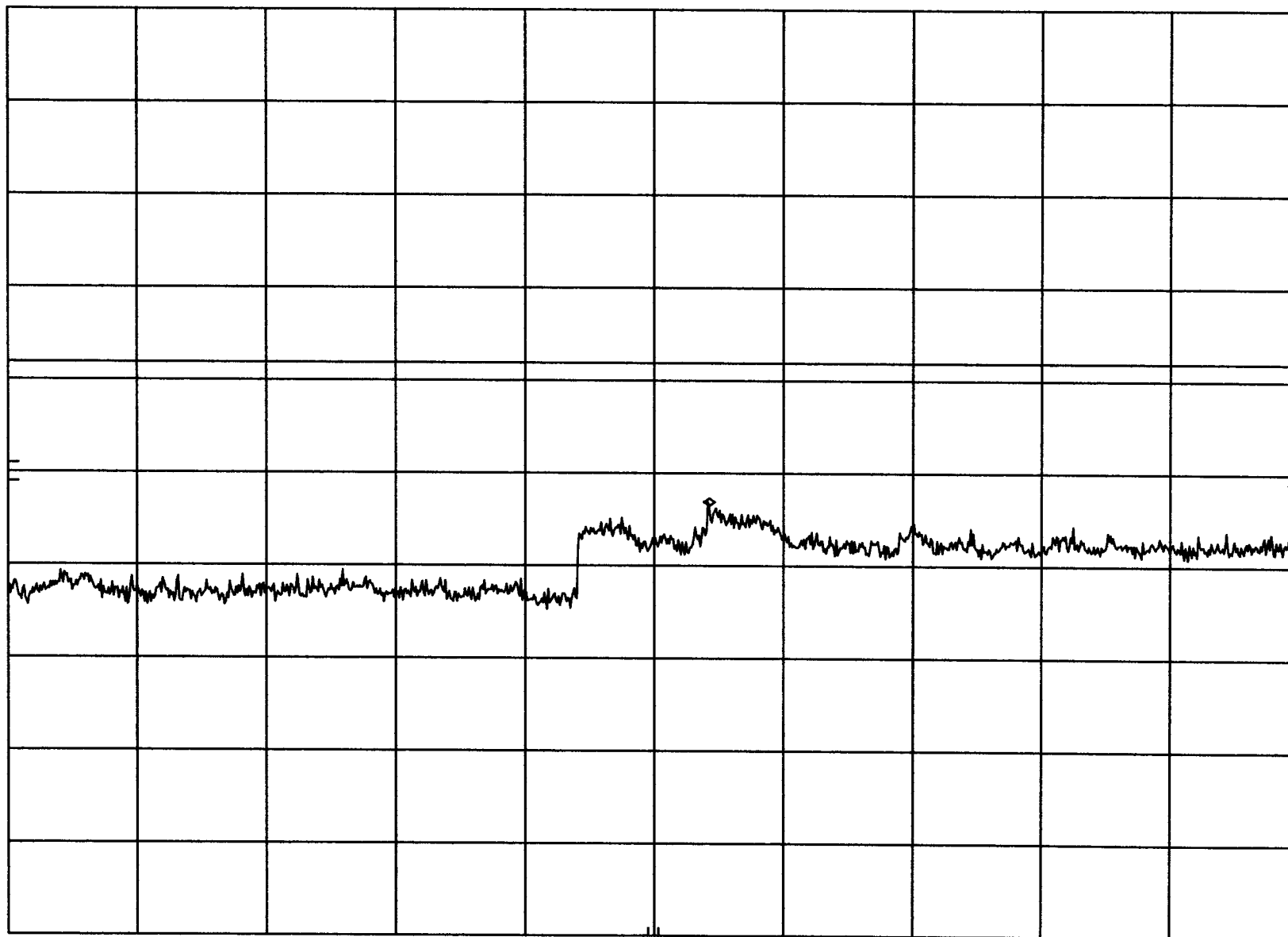
RES BW 1 MHz (i)

VBW 1 MHz

STOP 2.50 GHz
SWP 62.3 msec

FCC ID# CKLHGT-1000E COND SPURS PCS Ch-0025 MKR 6.565 GHz
REF 25.1 dBm ATTEN 40 dB + 20 dB -28.00 dBm

hp
10 dB/
POS PK
OFFSET
1.0
dB
DL
-13.0
dBm



START 2.50 GHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 10.00 GHz

SWP 188 msec

FCC ID# CKLHGT-1000E COND SPURS PCS Ch-0600 MKR 1.382 GHz
hp REF 25.1 dBm ATTN 40 dB + 20 dB -37.20 dBm

10 dB/

POS PK

OFFSET

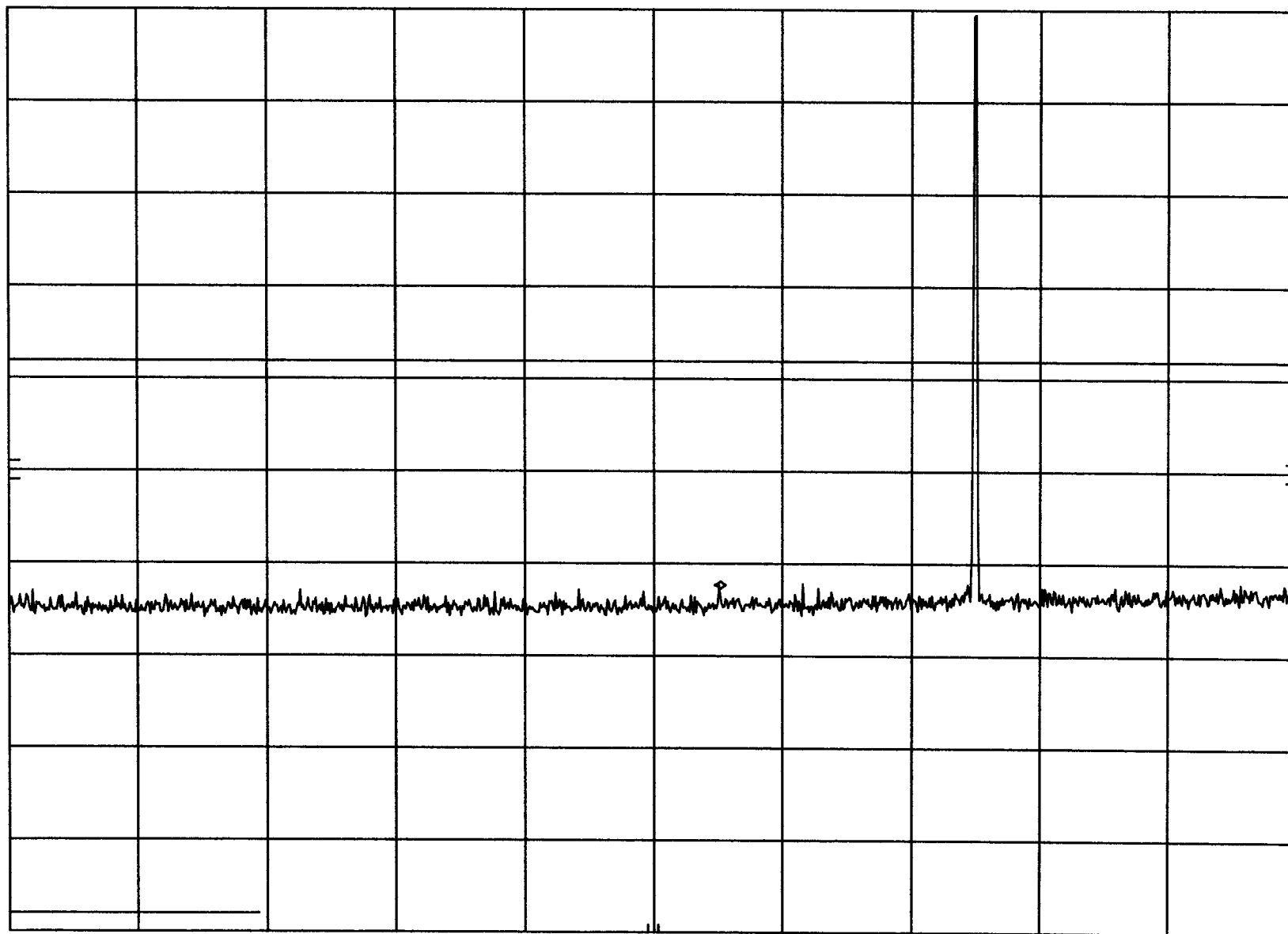
1.0

dB

DL

-13.0

dBm



START 10 MHz

RES BW 1 MHz (i)

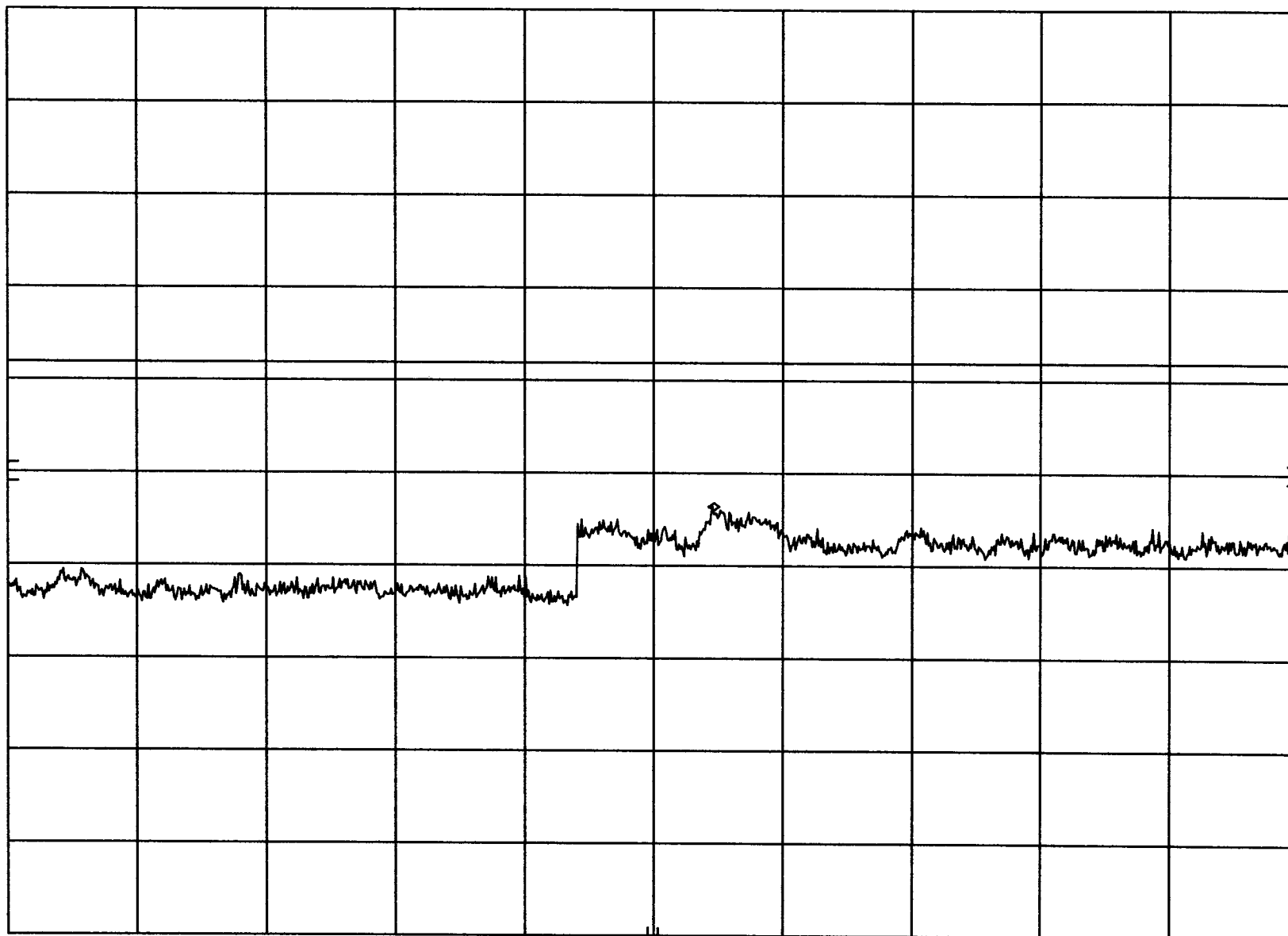
VBW 1 MHz

STOP 2.50 GHz

SWP 62.3 msec

FCC ID# CKLHGT-1000E COND SPURS PCS Ch-0600 MKR 6.595 GHz
REF 25.1 dBm ATTN 40 dB + 20 dB -28.50 dBm

hp
10 dB/
POS PK
OFFSET
1.0
dB
DL
-13.0
dBm



START 2.50 GHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 10.00 GHz

SWP 188 msec

FCC ID# CKLHGT-1000E COND SPURS PCS Ch-1175 MKR 1.325 GHz
hp REF 25.1 dBm ATTN 40 dB + 20 dB -37.40 dBm

10 dB/

POS PK

OFFSET

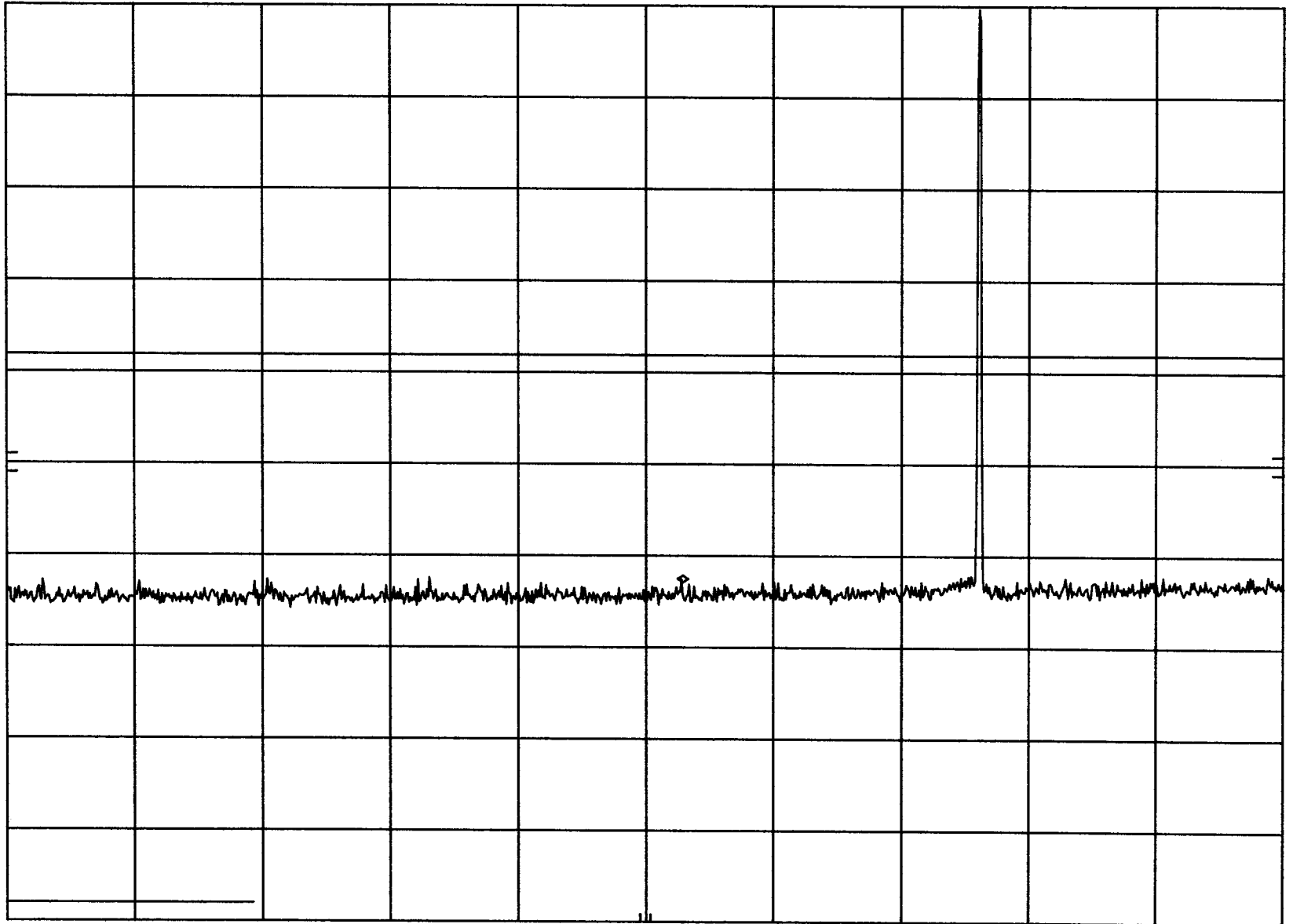
1.0

dB

DL

-13.0

dBm



START 10 MHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 2.50 GHz

SWP 62.3 msec

FCC ID# CKLHGT-1000E COND SPURS PCS Ch-1175 MKR 6.633 GHz
REF 25.1 dBm ATTEN 40 dB + 20 dB -28.90 dBm

hp

10 dB/

POS PK

OFFSET

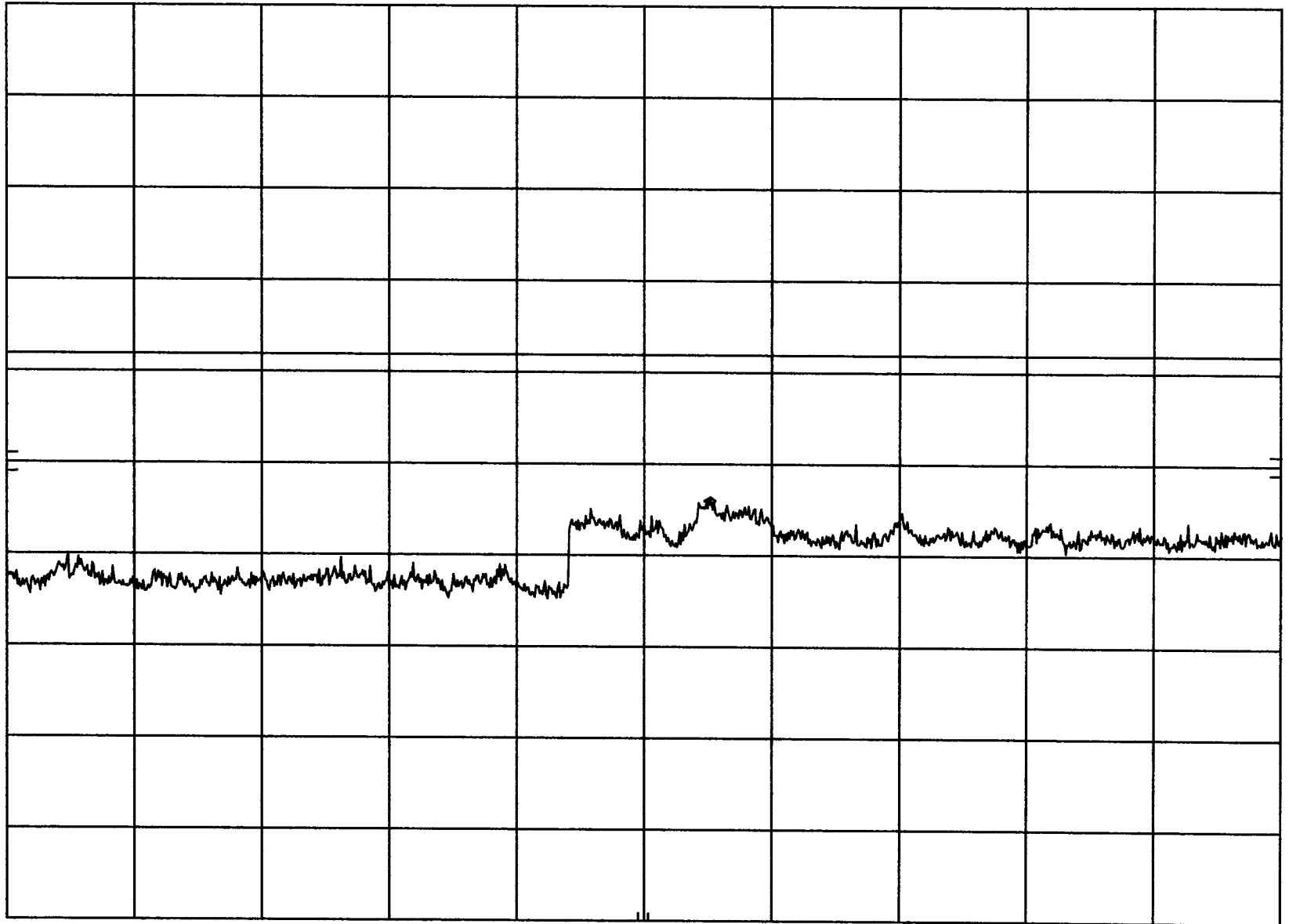
1.0

dB

DL

-13.0

dBm



START 2.50 GHz

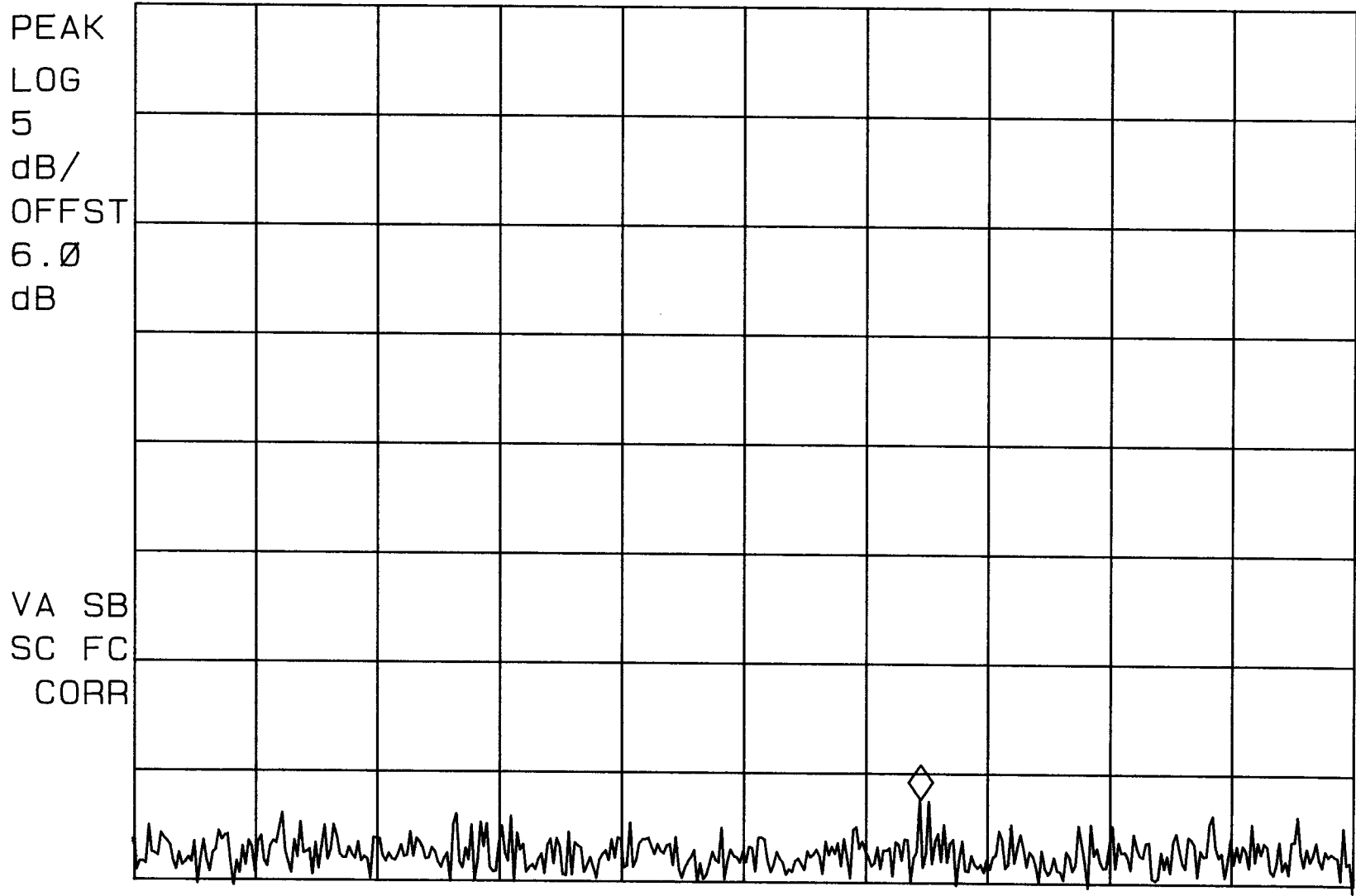
RES BW 1 MHz (i)

VBW 1 MHz

STOP 10.00 GHz

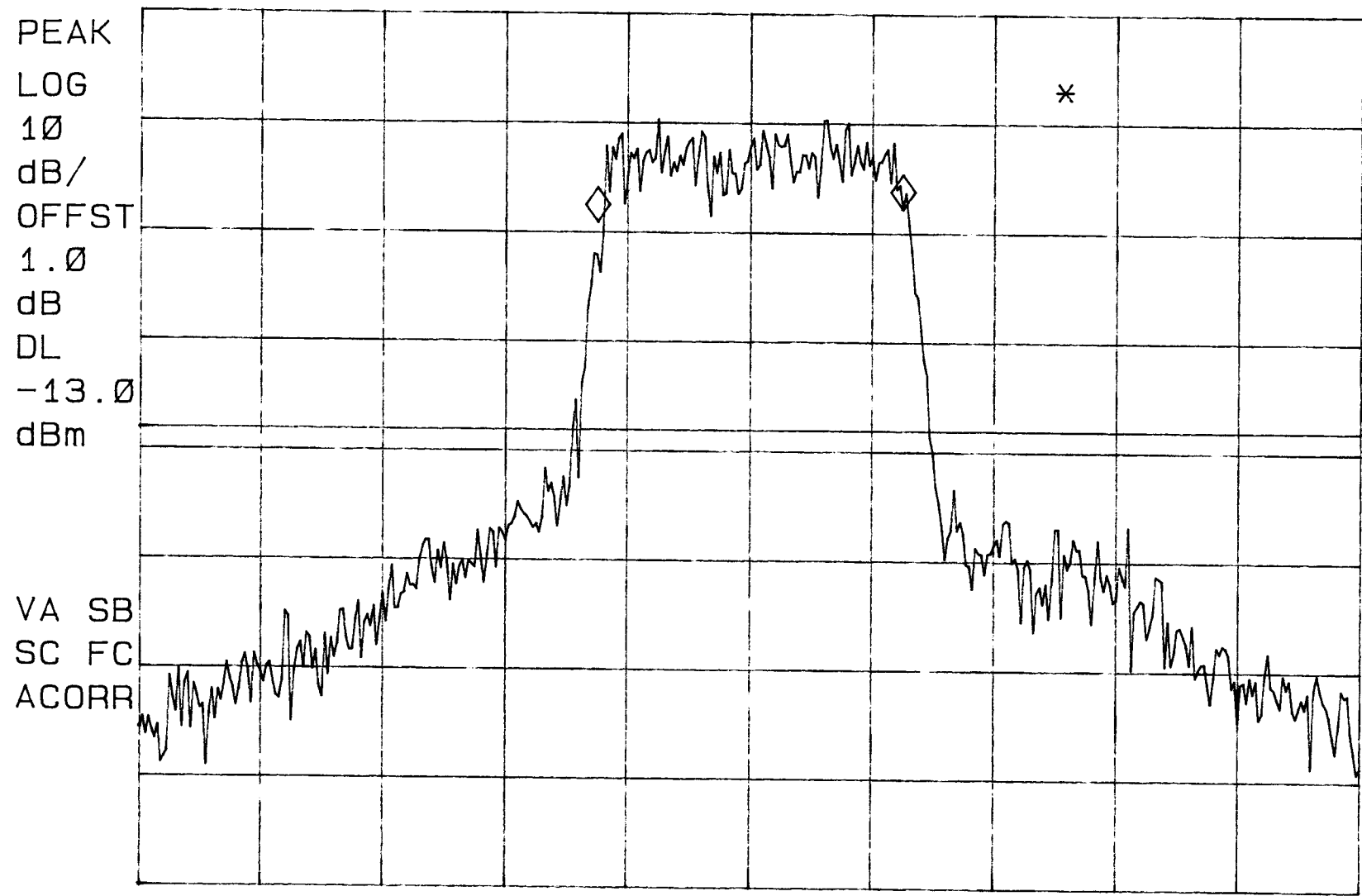
SWP 188 msec

hp FCC ID: CKLHGT-1000E FM MODE MKR 885.12 MHz
REF -60.0 dBm ATTEN 10 dB PG 25.0 dB -96.19 dBm



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

hp FCCID: CKLHGT-1000E 99% PWR BW CH 600 MKR Δ 1.250 MHz
REF 25.1 dBm ATTEN 40 dB 1.30 dB



FCC ID# CKLHGT-1000E COND SPURS FM Ch-991

MKR 2.470 GHz

hp

REF 28.0 dBm

ATTEN 40 dB + 20 dB

-32.70 dBm

10 dB/

POS PK

OFFSET

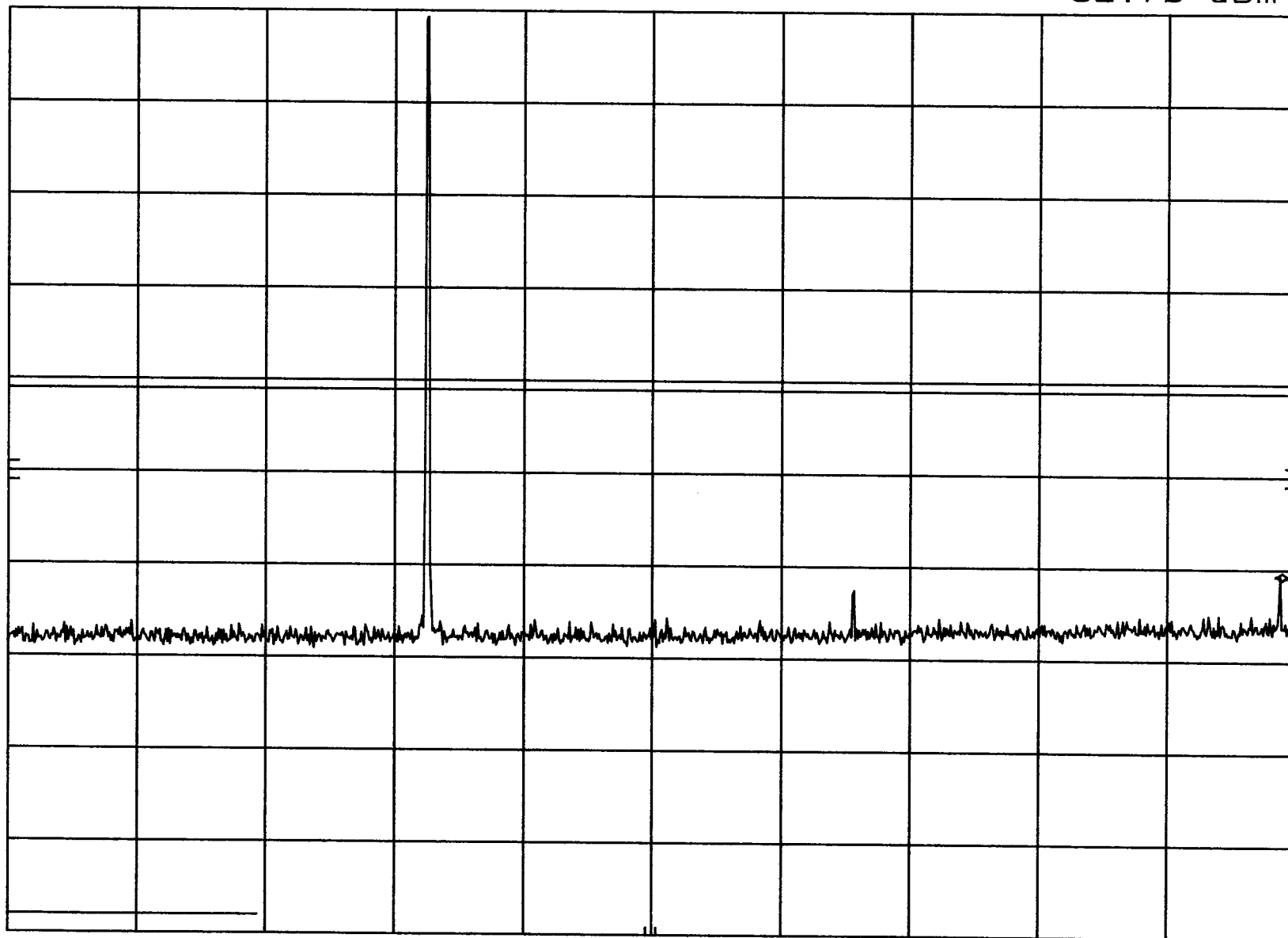
1.0

dB

DL

-13.0

dBm



START 10 MHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 2.50 GHz

SWP 62.3 msec

FCC ID# CKLHGT-1000E COND SPURS FM Ch-991
REF 28.0 dBm ATTN 40 dB + 20 dB

MKR 6.640 GHz
-27.90 dBm

hp

10 dB/

POS PK

OFFSET

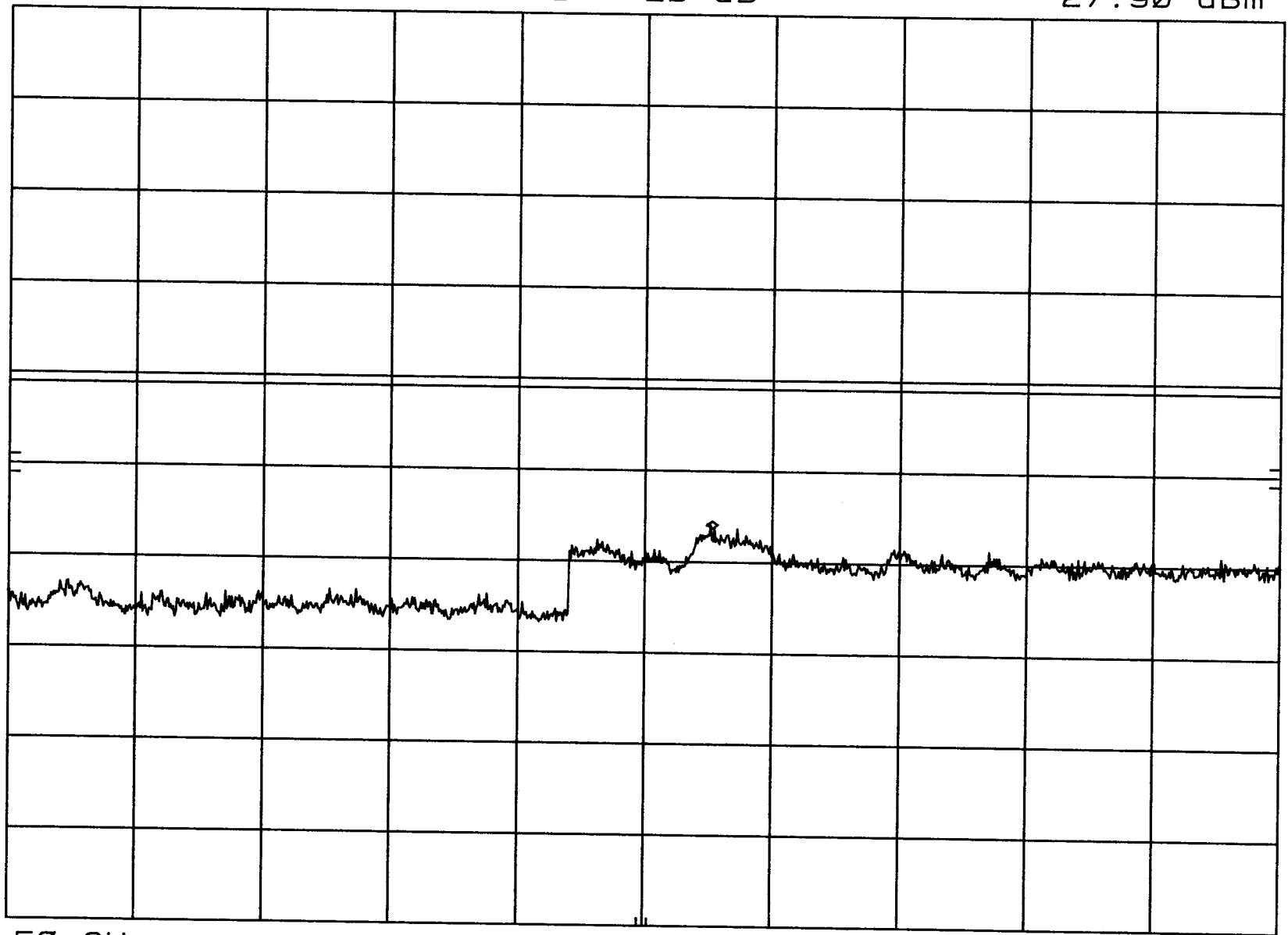
1.0

dB

DL

-13.0

dBm



START 2.50 GHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 10.00 GHz
SWP 188 msec

FCC ID# CKLHGT-1000E COND SPURS FM Ch-383 MKR 1.668 GHz
REF 28.0 dBm ATTEN 40 dB + 20 dB -32.00 dBm

hp

10 dB/

POS PK

OFFSET

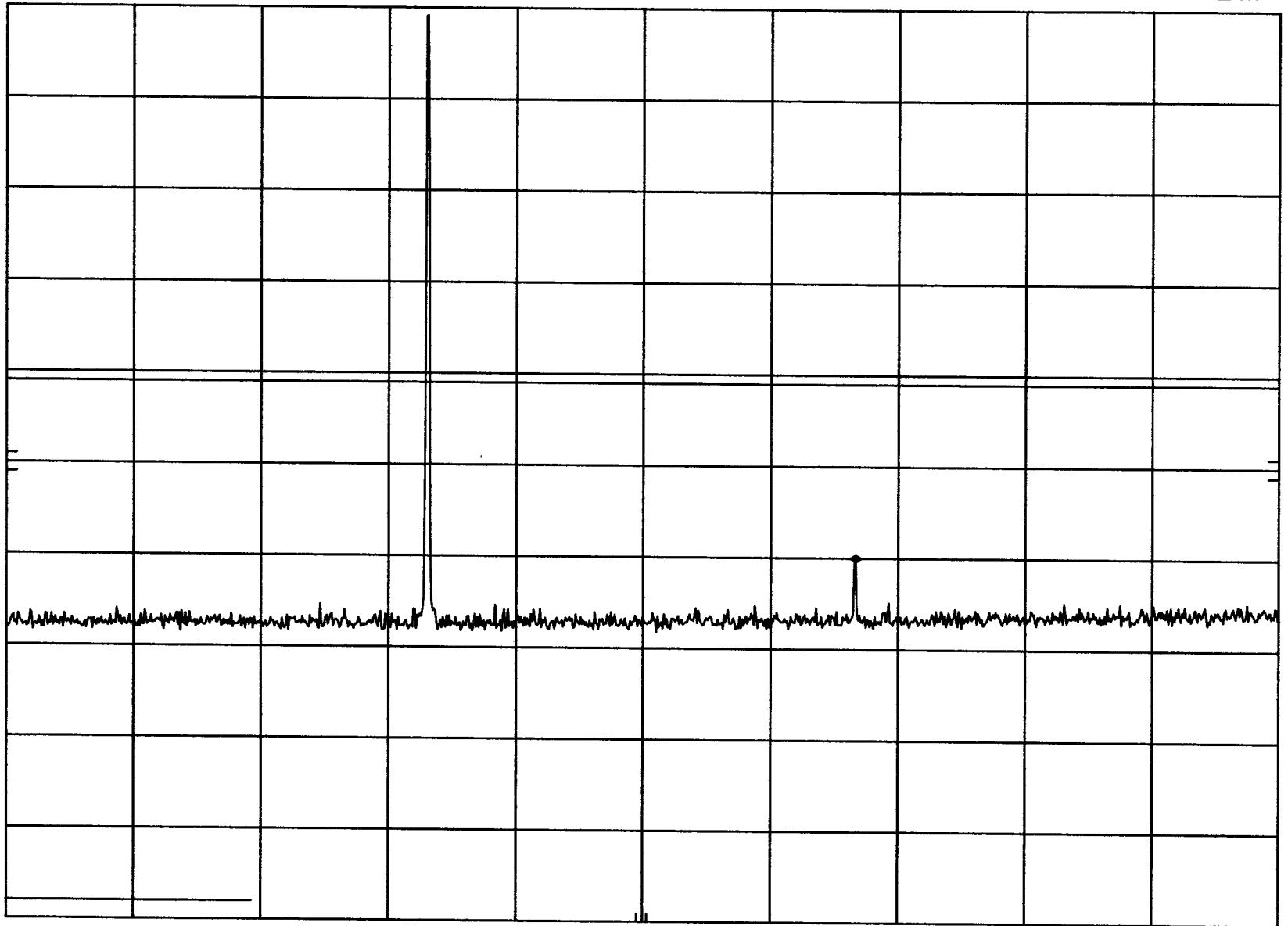
1.0

dB

DL

-13.0

dBm



START 10 MHz

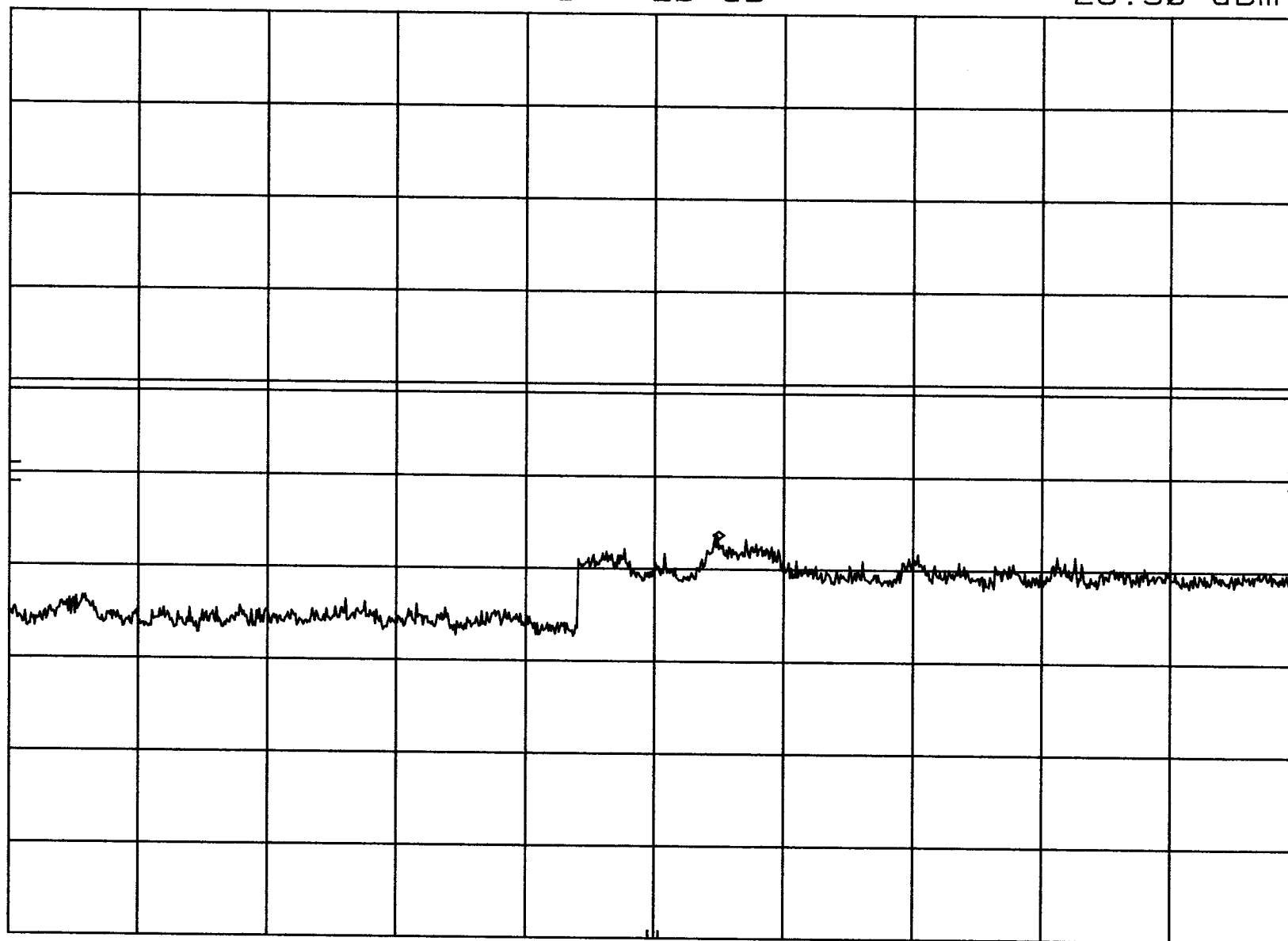
RES BW 1 MHz (i)

VBW 1 MHz

STOP 2.50 GHz
SWP 62.3 msec

FCC ID# CKLHGT-1000E COND SPURS FM Ch-383 MKR 6.618 GHz
REF 28.0 dBm ATTEN 40 dB + 20 dB -28.30 dBm

hp
10 dB/
POS PK
OFFSET
1.0
dB
DL
-13.0
dBm



START 2.50 GHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 10.00 GHz
SWP 188 msec

FCC ID# CKLHGT-1000E COND SPURS FM Ch-799 MKR 1.696 GHz
REF 28.0 dBm ATTEN 40 dB + 20 dB -31.70 dBm

hp

10 dB/

POS PK

OFFSET

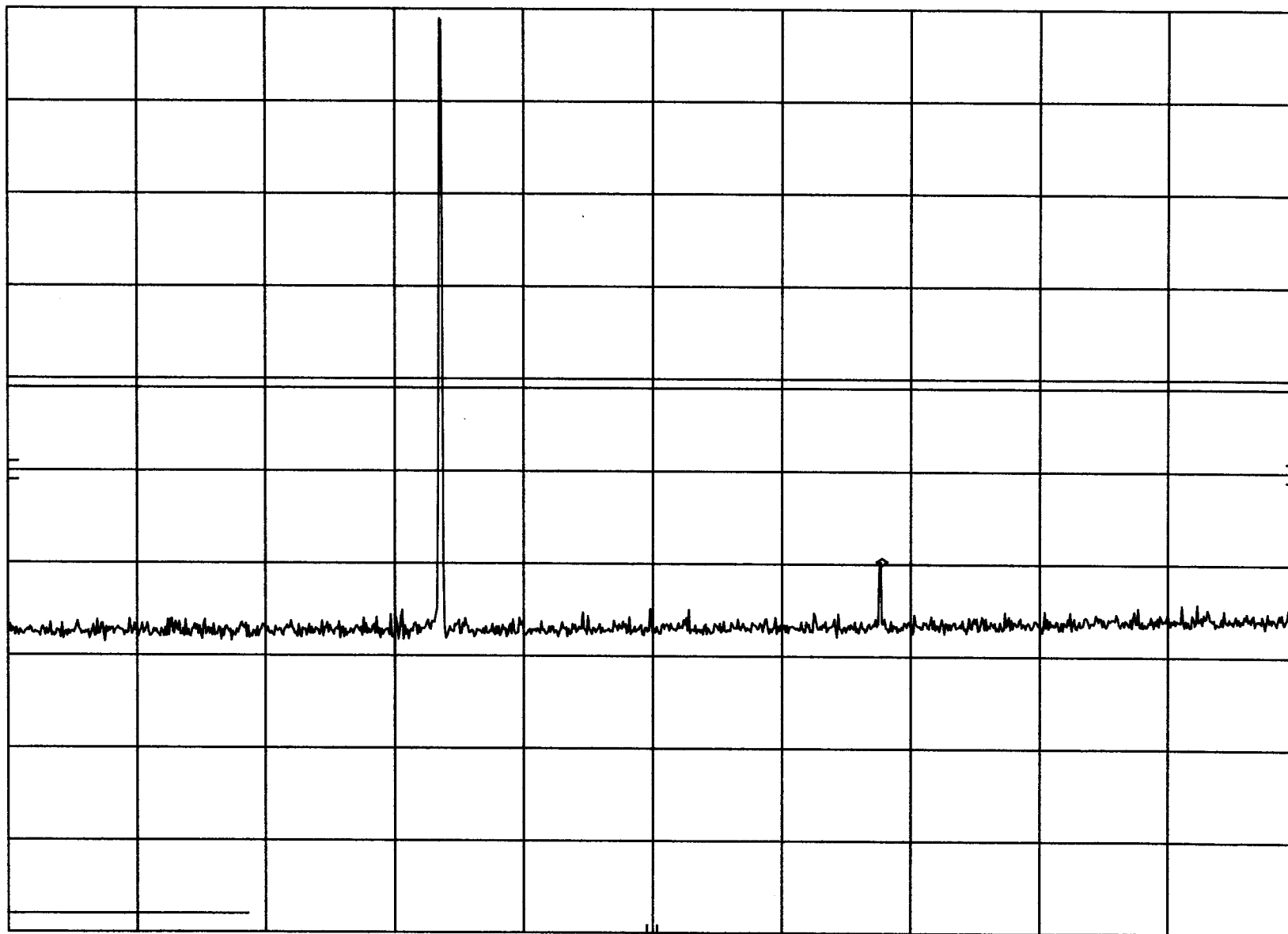
1.0

dB

DL

-13.0

dBm



START 10 MHz

RES BW 1 MHz (i)

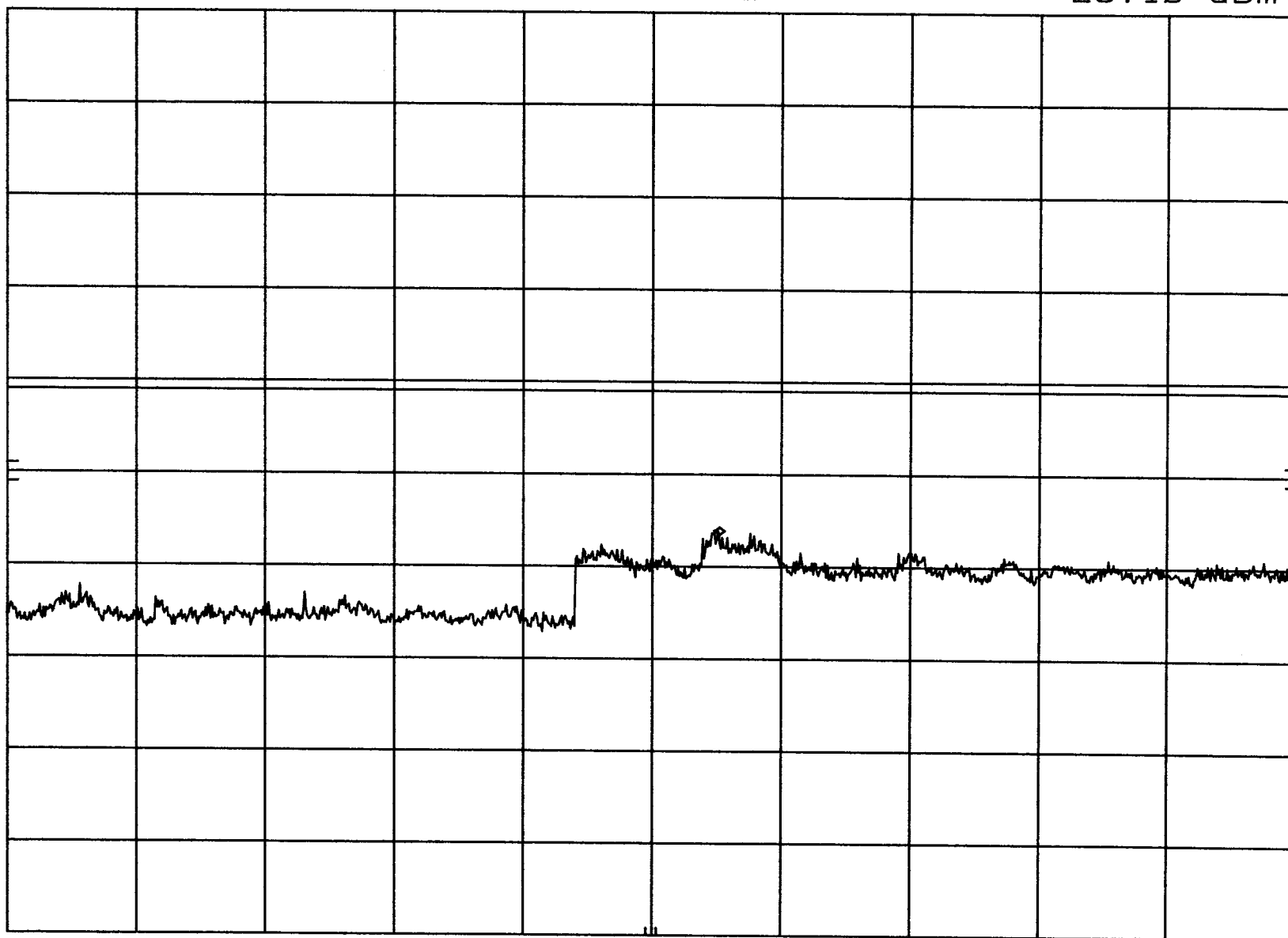
VBW 1 MHz

STOP 2.50 GHz

SWP 62.3 msec

FCC ID# CKLHGT-1000E COND SPURS FM Ch-799 MKR 6.633 GHz
REF 28.0 dBm ATTEN 40 dB + 20 dB -28.10 dBm

hp
10 dB/
POS PK
OFFSET
1.0
dB
DL
-13.0
dBm

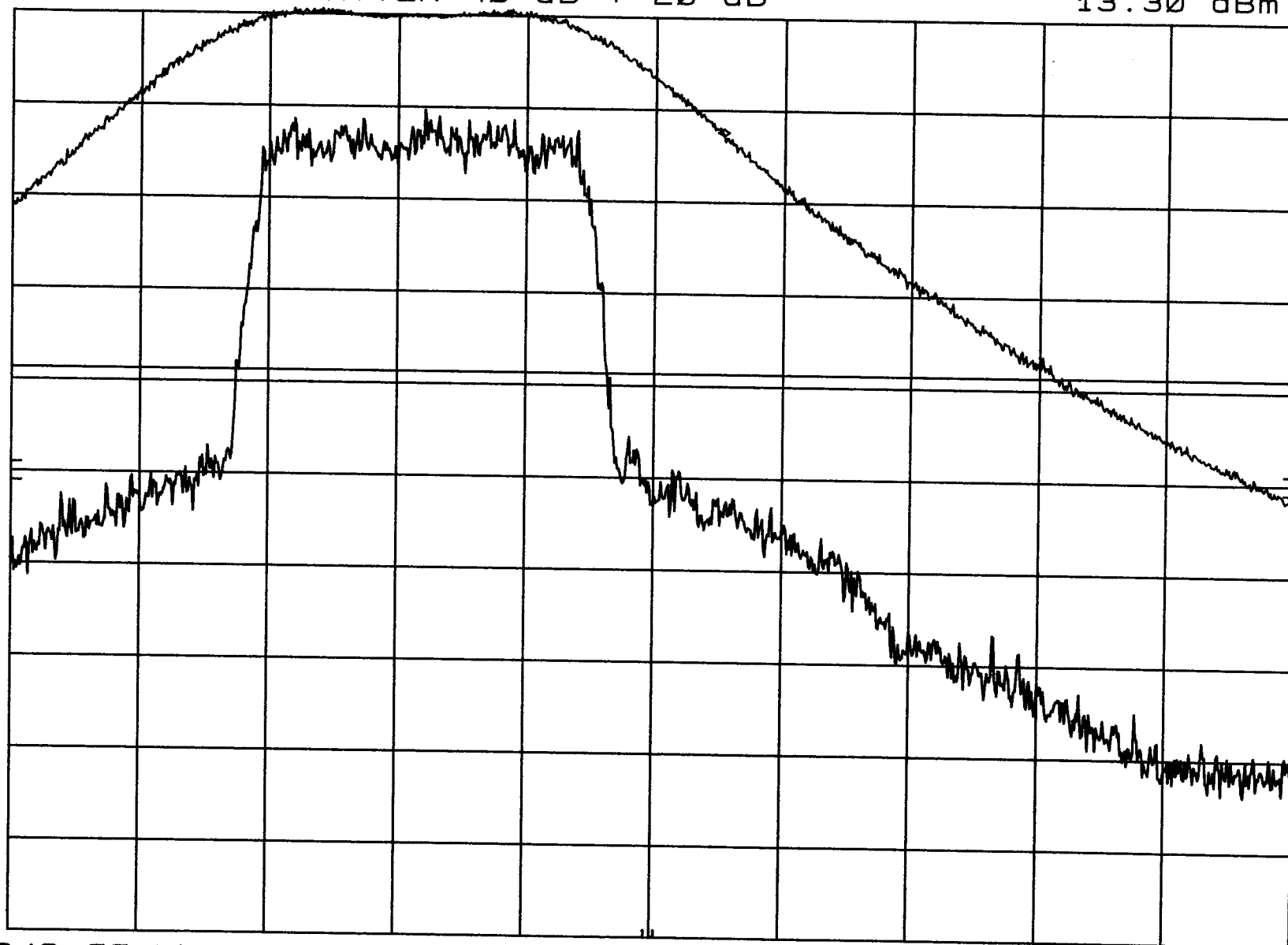


START 2.50 GHz STOP 10.00 GHz
RES BW 1 MHz (i) VBW 1 MHz SWP 188 msec

FCC IC# CKLHGT-1000E CDMA Ch-0777
REF 25.7 dBm ATTN 40 dB + 20 dB

MKR 849.260 MHz
13.30 dBm

hp
10 dB/
POS PK
OFFSET
1.0
dB
DL
-13.0
dBm



CENTER 849.00 MHz

RES BW 30 kHz (i)

VBW 30 kHz

SPAN 5.00 MHz
SWP 37.5 msec

FCC ID# CKLHGT-1000E CDMA Ch-1013
REF 25.7 dBm ATTN 40 dB + 20 dB

MKR 824.000 MHz
18.40 dBm

hp

10 dB/

POS PK

OFFSET

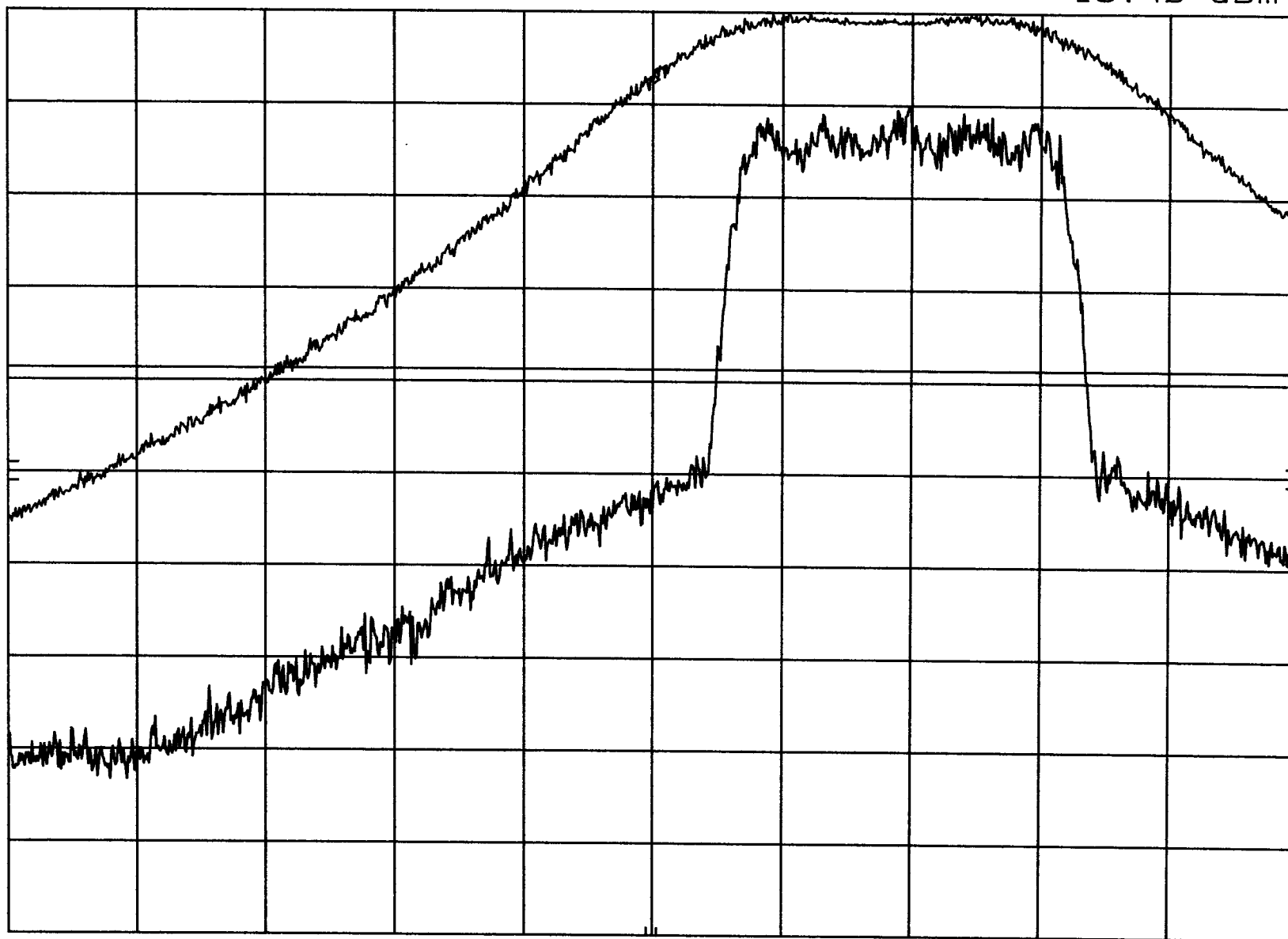
1.0

dB

DL

-13.0

dBm



CENTER 824.00 MHz

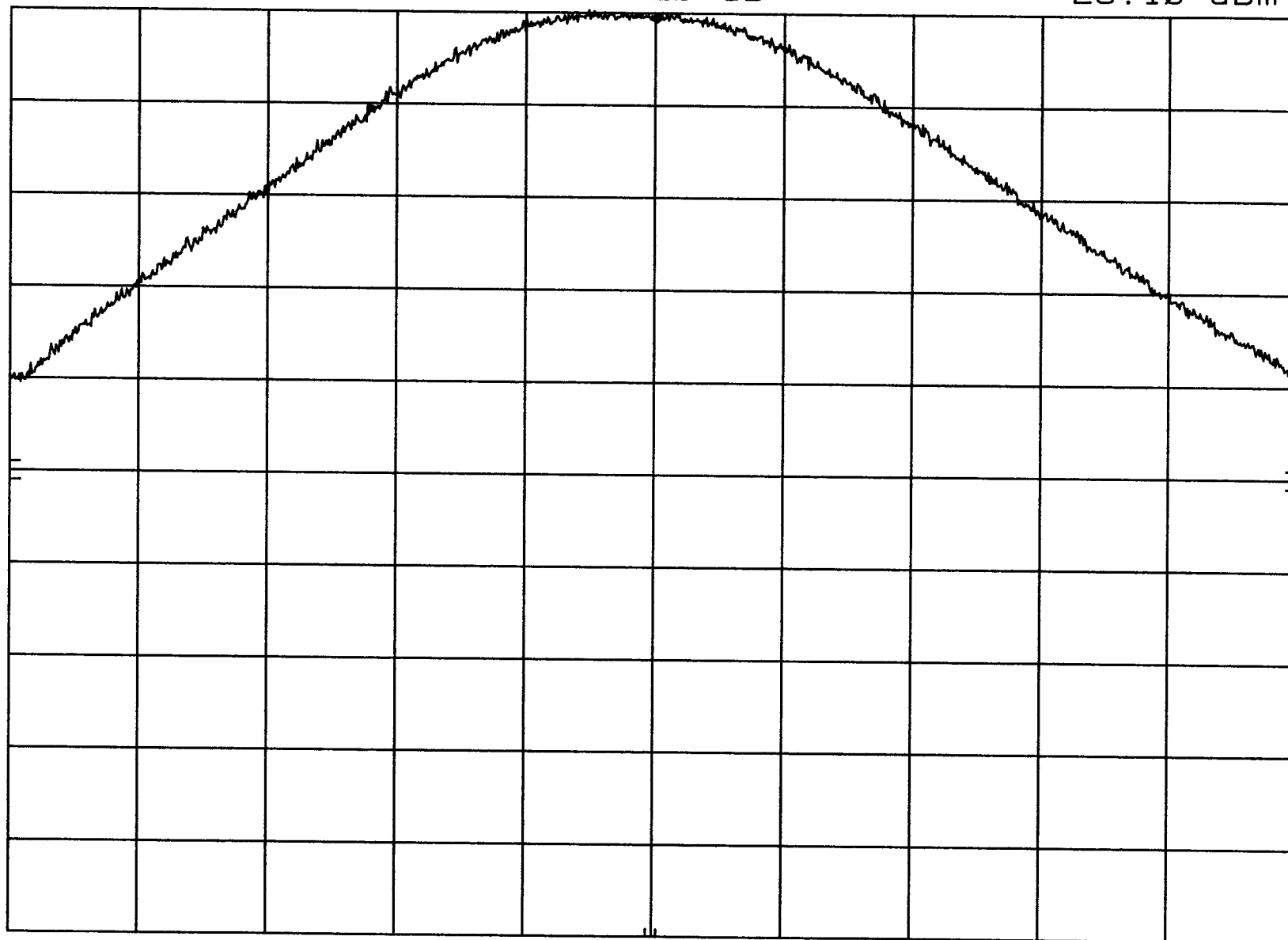
RES BW 1 MHz (i)

VBW 1 MHz

SPAN 5.00 MHz
SWP 20.0 msec

FCC ID# CKLHGT-1000E CDMA PWR OUT Ch-0363 MKR 835.90 MHz
REF 25.7 dBm ATTEN 40 dB + 20 dB 25.10 dBm

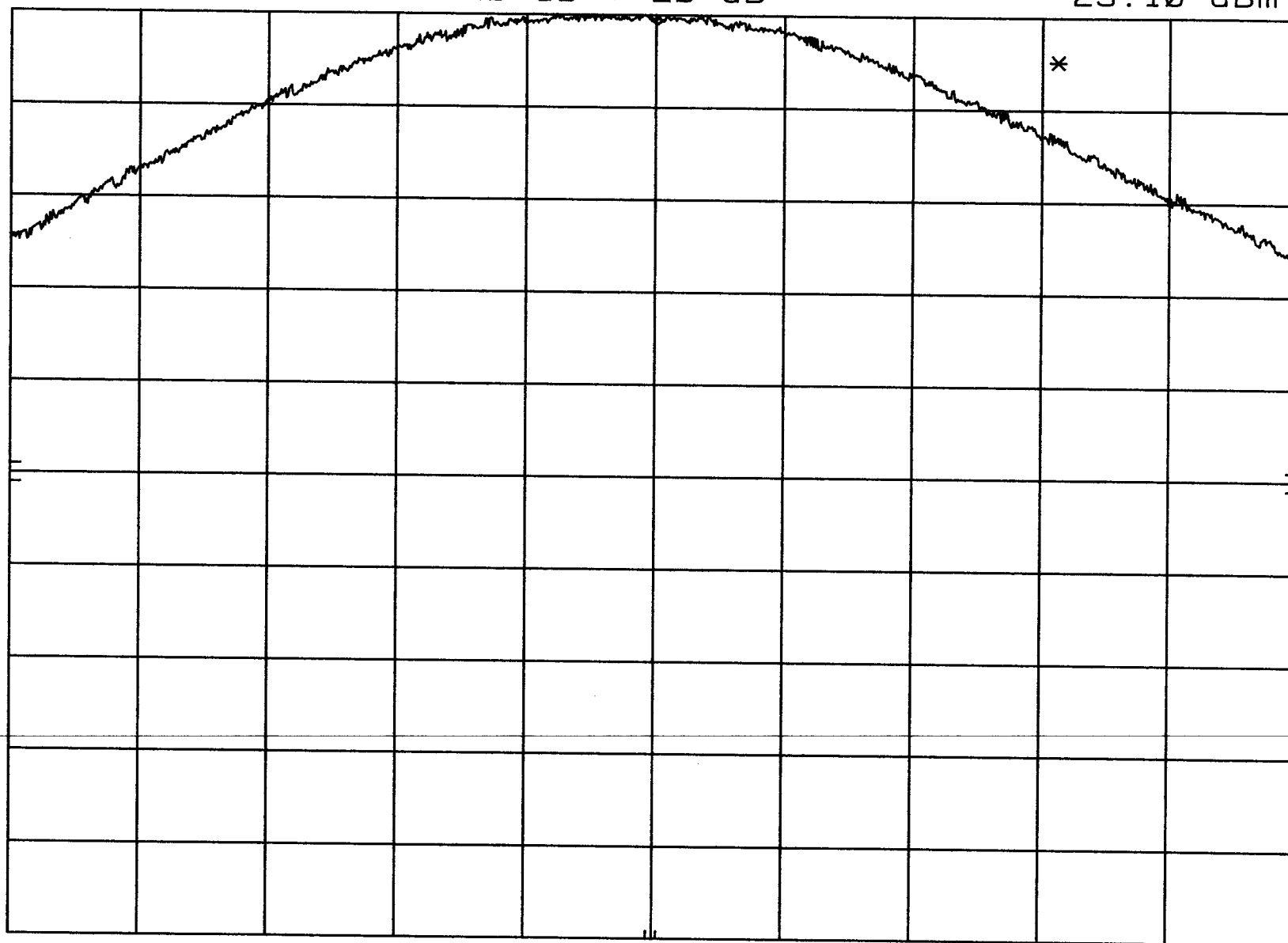
hp
10 dB/
POS PK
OFFSET
1.0
dB



CENTER 835.9 MHz SPAN 10.0 MHz
RES BW 3 MHz (i) VBW 3 MHz SWP 20.0 msec

FCC ID# CKLHGT-1000E CDMA PWR OUT Ch-1013 MKR 824.700 MHz
REF 25.7 dBm ATTN 40 dB + 20 dB 25.10 dBm

hp
10 dB/
POS PK
OFFSET
1.0
dB



CENTER 824.7 MHz

RES BW 3 MHz (i)

VBW 3 MHz

SPAN 10.0 MHz
SWP 20.0 msec

FCC ID# CKLHGT-1000E COND SPURS CDMA Ch-1013

MKR 784 MHz

hp

REF 25.7 dBm

ATTEN 40 dB + 20 dB

-37.90 dBm

10 dB/

POS PK

OFFSET

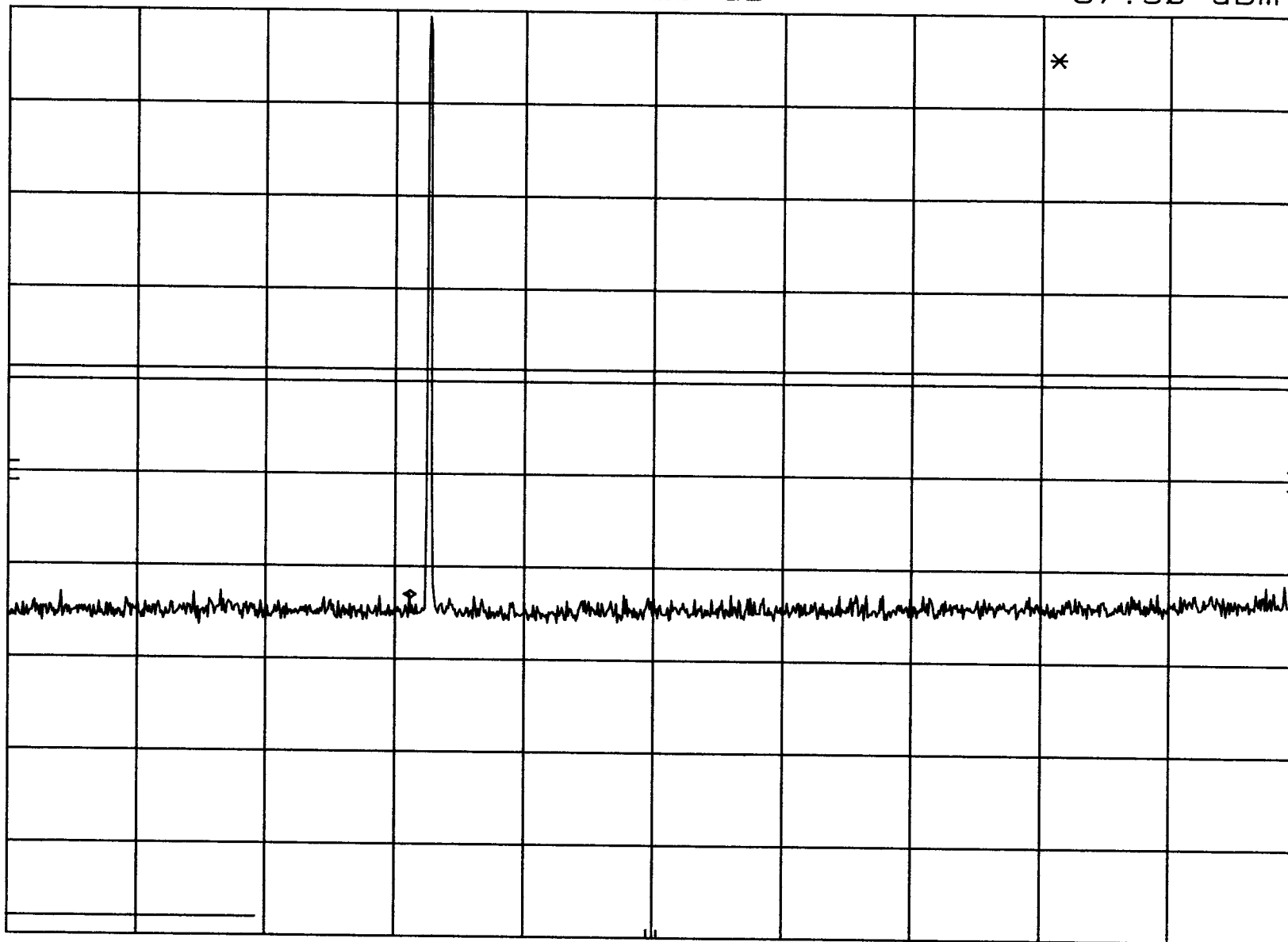
1.0

dB

DL

-13.0

dBm



START 10 MHz

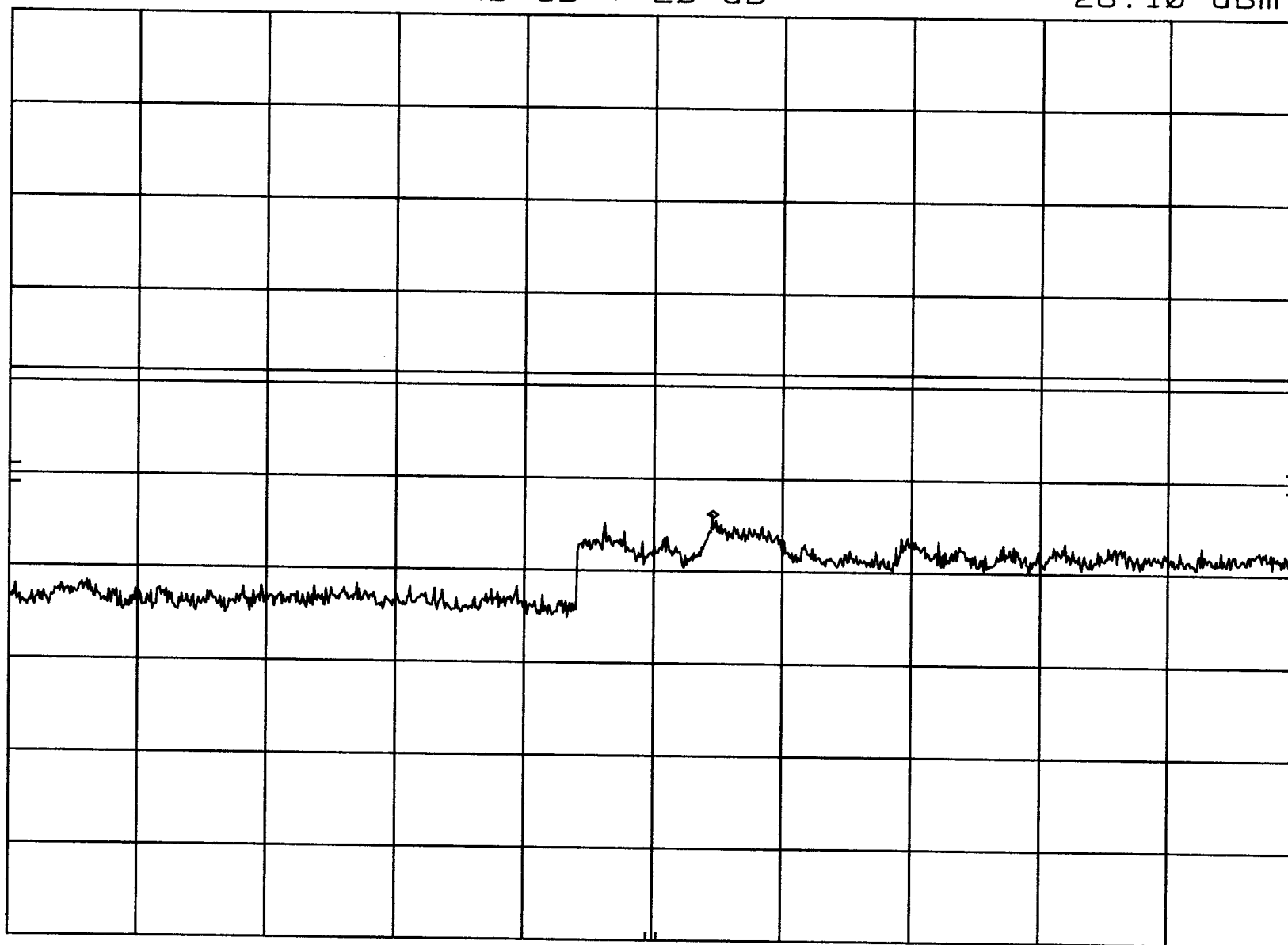
RES BW 1 MHz (i)

VBW 1 MHz

STOP 2.50 GHz
SWP 62.3 msec

FCC ID# CKLHGT-1000E COND SPURS CDMA Ch-1013 MKR 6.588 GHz
REF 25.7 dBm ATTEN 40 dB + 20 dB -28.10 dBm

hp
10 dB/
POS PK
OFFSET
1.0
dB
DL
-13.0
dBm



START 2.50 GHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 10.00 GHz
SWP 188 msec

FCC ID# CKLHGT-1000E COND SPURS CDMA Ch-363 MKR 1.668 GHz
hp REF 25.7 dBm ATTEN 40 dB + 20 dB -35.20 dBm

10 dB/

POS PK

OFFSET

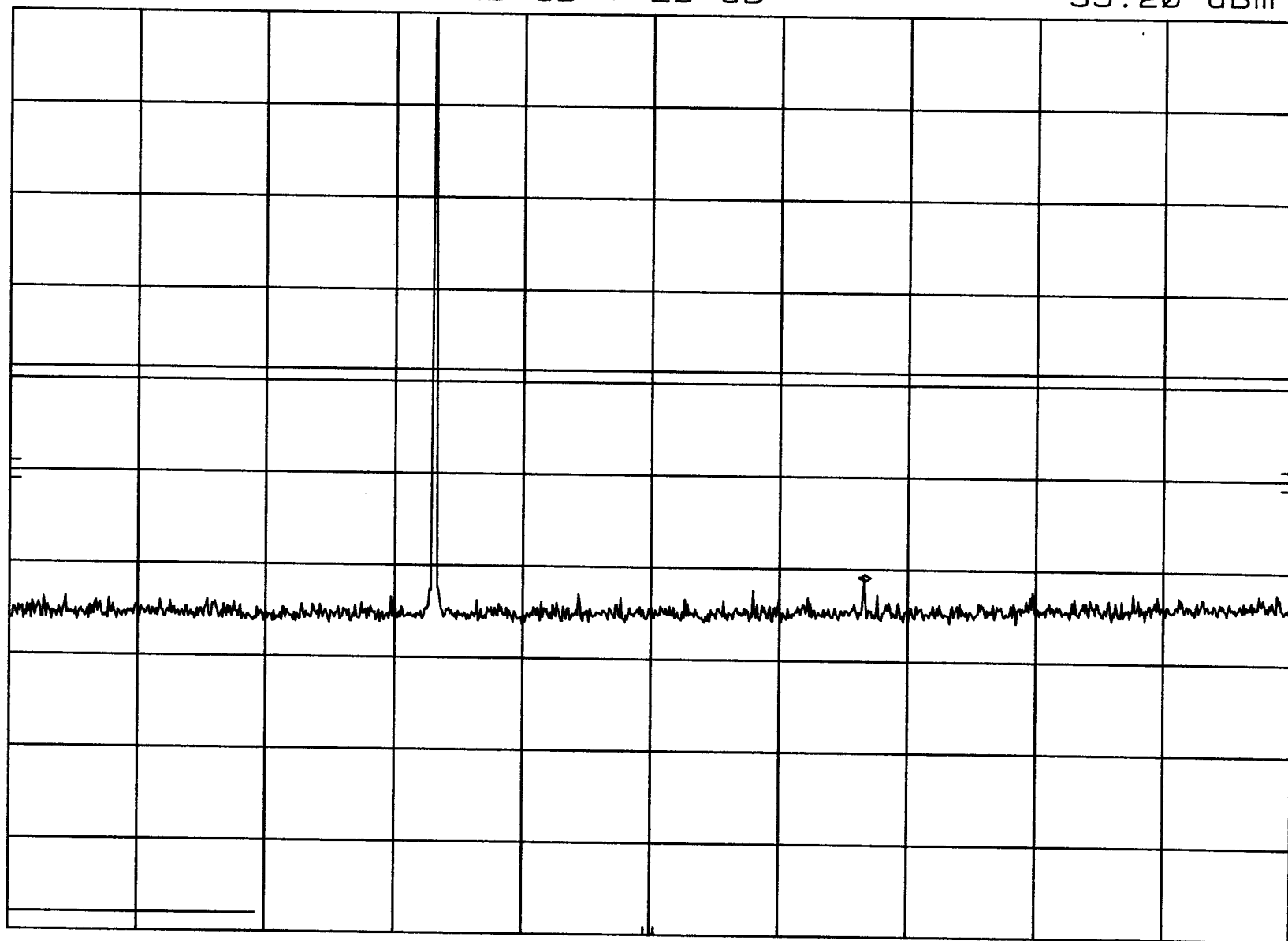
1.0

dB

DL

-13.0

dBm



START 10 MHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 2.50 GHz
SWP 62.3 msec

FCC ID# CKLHGT-1000E COND SPURS CDMA Ch-363 MKR 6.588 GHz
REF 25.7 dBm ATTEN 40 dB + 20 dB -28.60 dBm

hp

10 dB/

POS PK

OFFSET

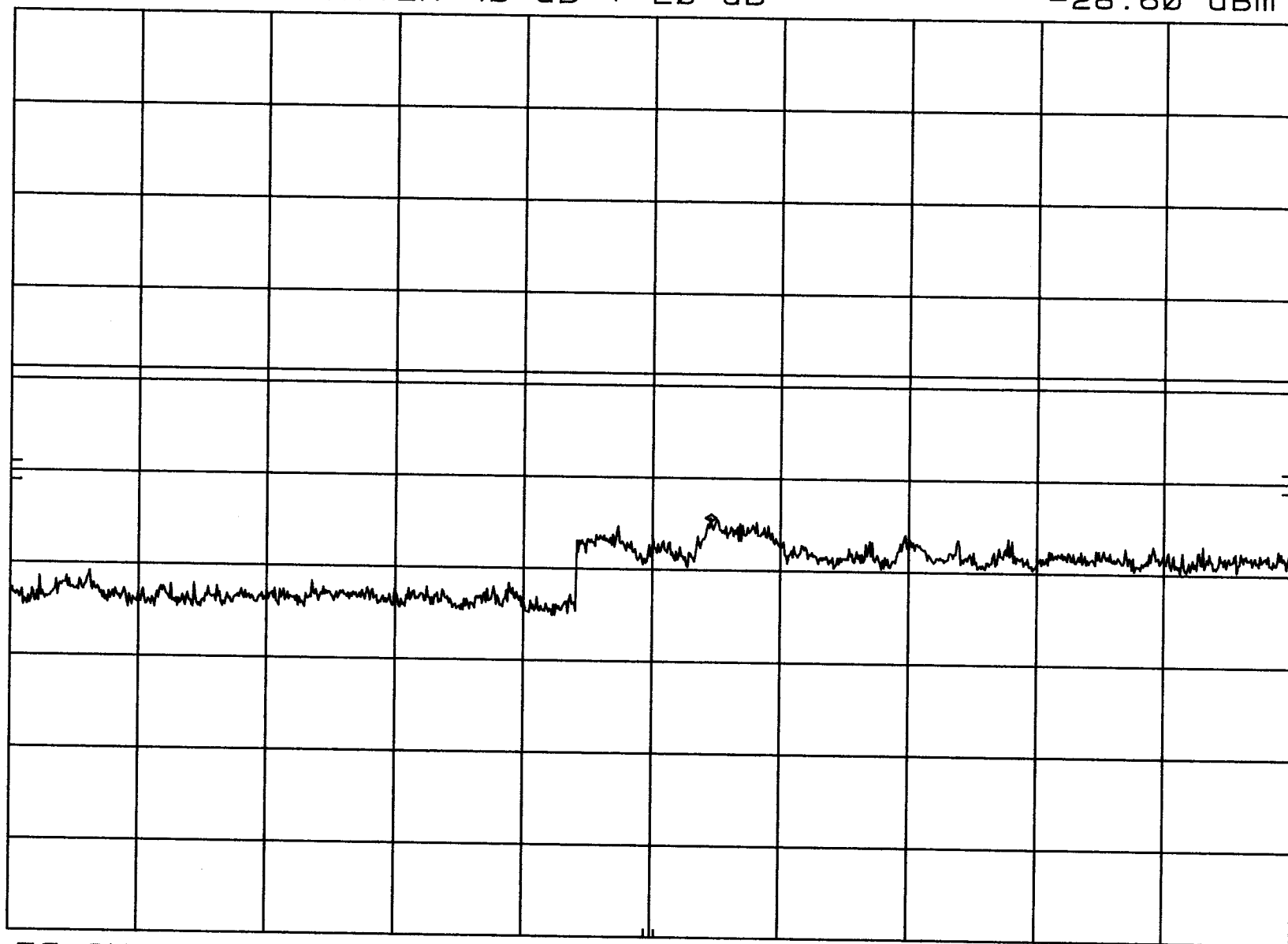
1.0

dB

DL

-13.0

dBm



START 2.50 GHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 10.00 GHz
SWP 188 msec

FCC ID# CKLHGT-1000E COND SPURS CDMA Ch-0777 MKR 1.693 GHz
REF 25.7 dBm ATTEN 40 dB + 20 dB -36.20 dBm

hp

10 dB/

POS PK

OFFSET

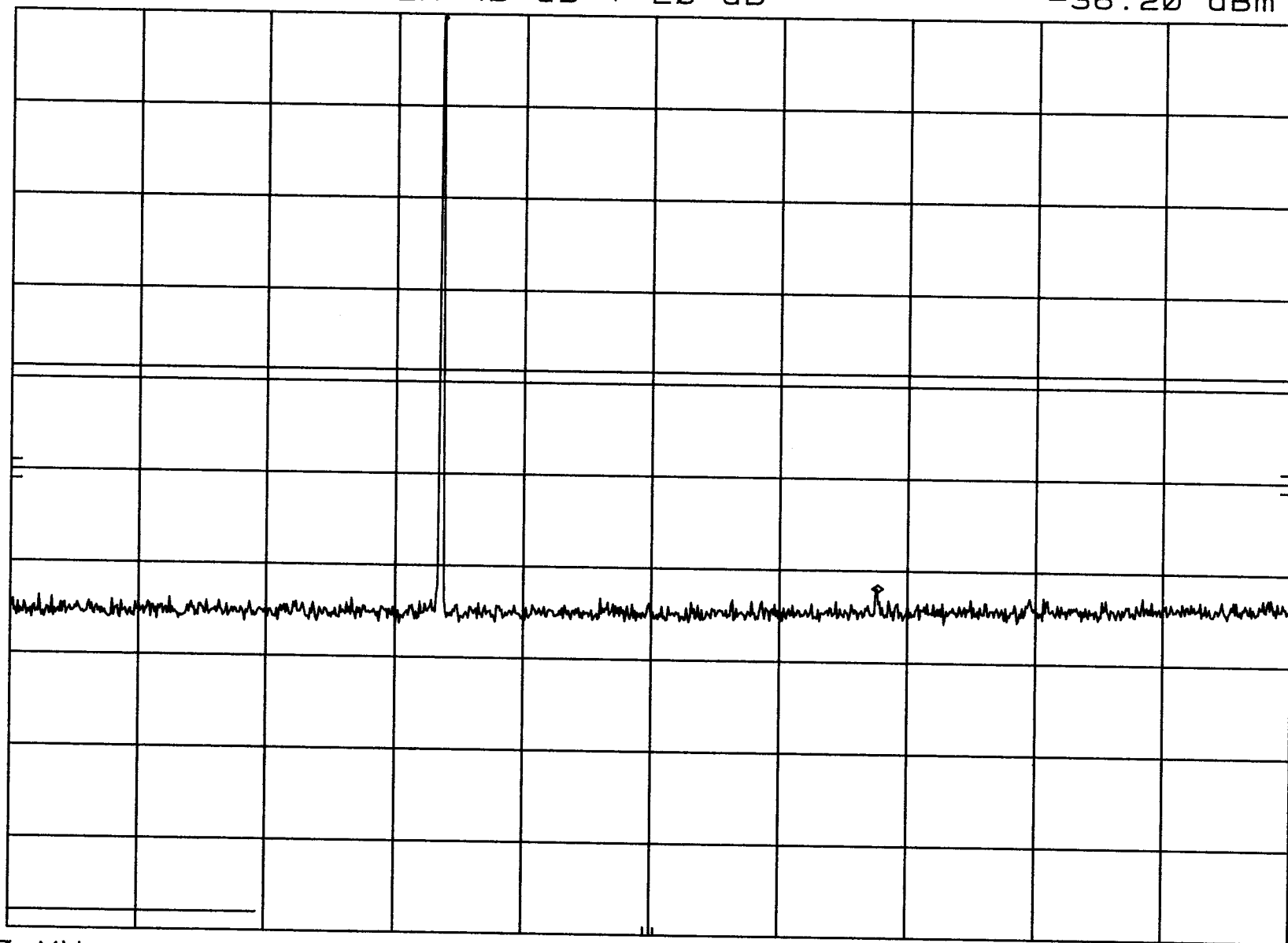
1.0

dB

DL

-13.0

dBm



START 10 MHz

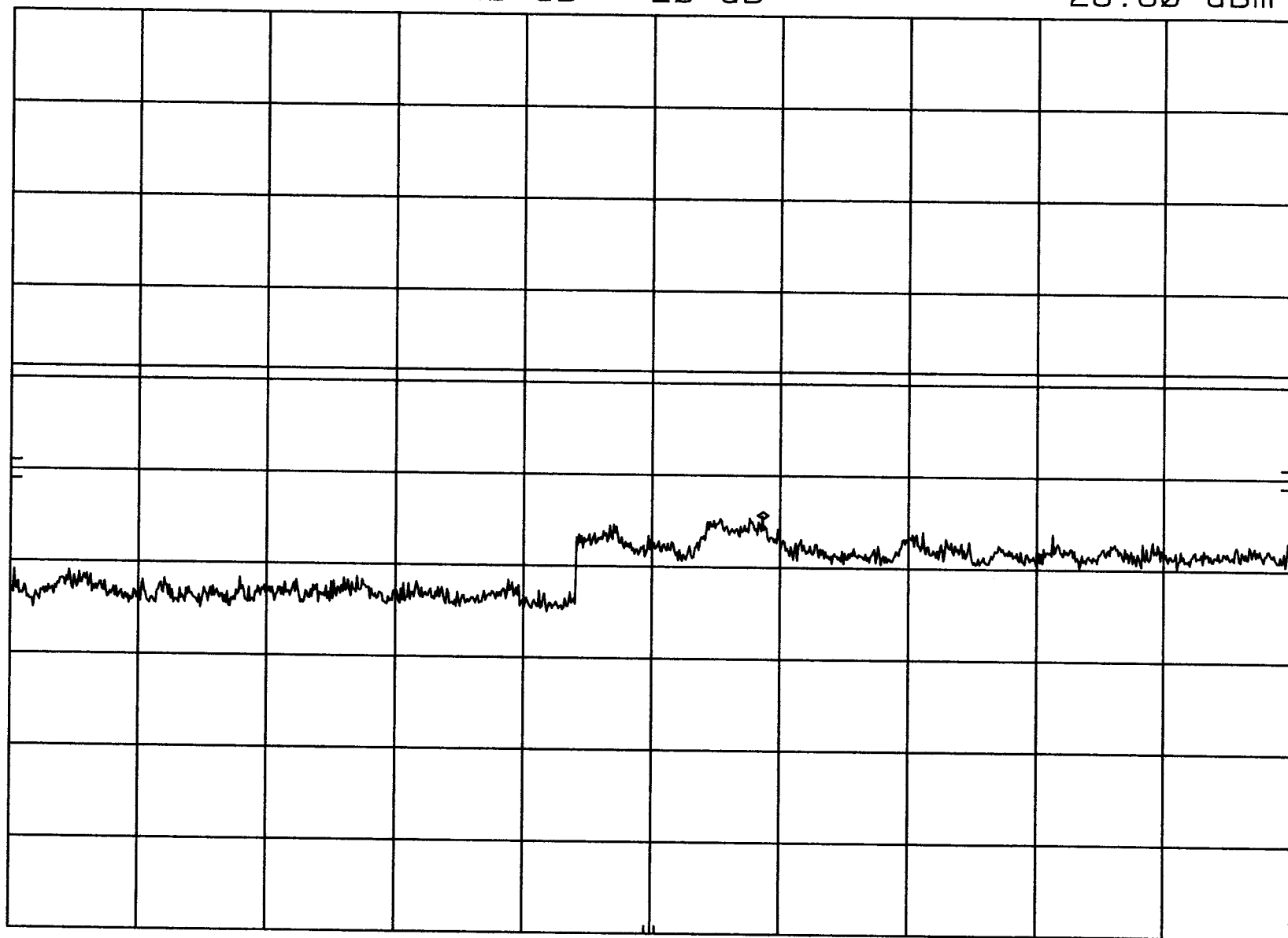
RES BW 1 MHz (i)

VBW 1 MHz

STOP 2.50 GHz
SWP 62.3 msec

FCC ID# CKLHGT-1000E COND SPURS CDMA Ch-0777 MKR 6.895 GHz
REF 25.7 dBm ATTEN 40 dB + 20 dB -28.60 dBm

hp
10 dB/
POS PK
OFFSET
1.0
dB
DL
-13.0
dBm



START 2.50 GHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 10.00 GHz
SWP 188 msec