

PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCH2510

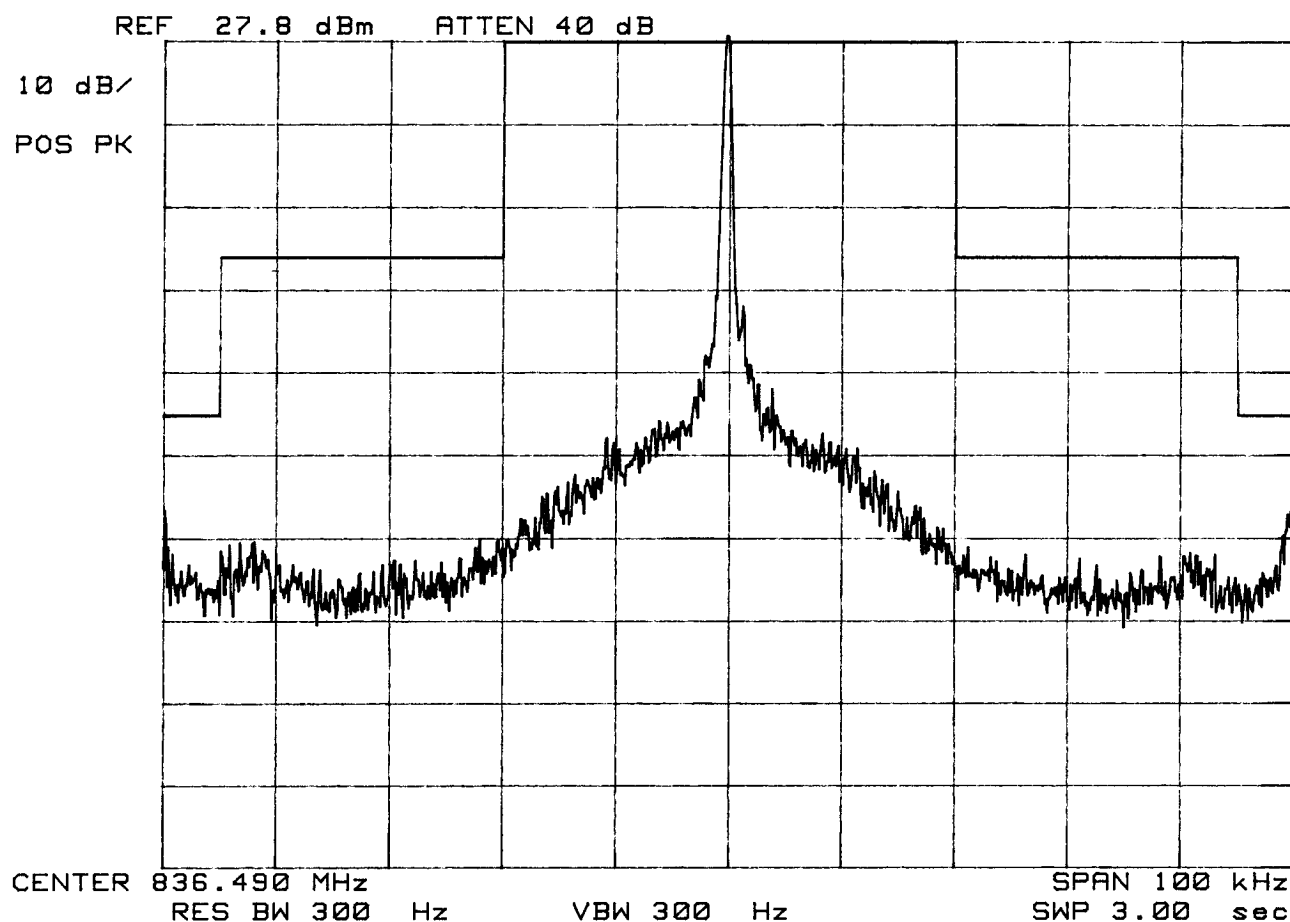
SAMSUNG TRI MODE PHONE

FM MODE

Operating Frequency: 836.490 MHz

Output Power : 27.8 dBm

Test Mode:Unmodulated Signal



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCH2510

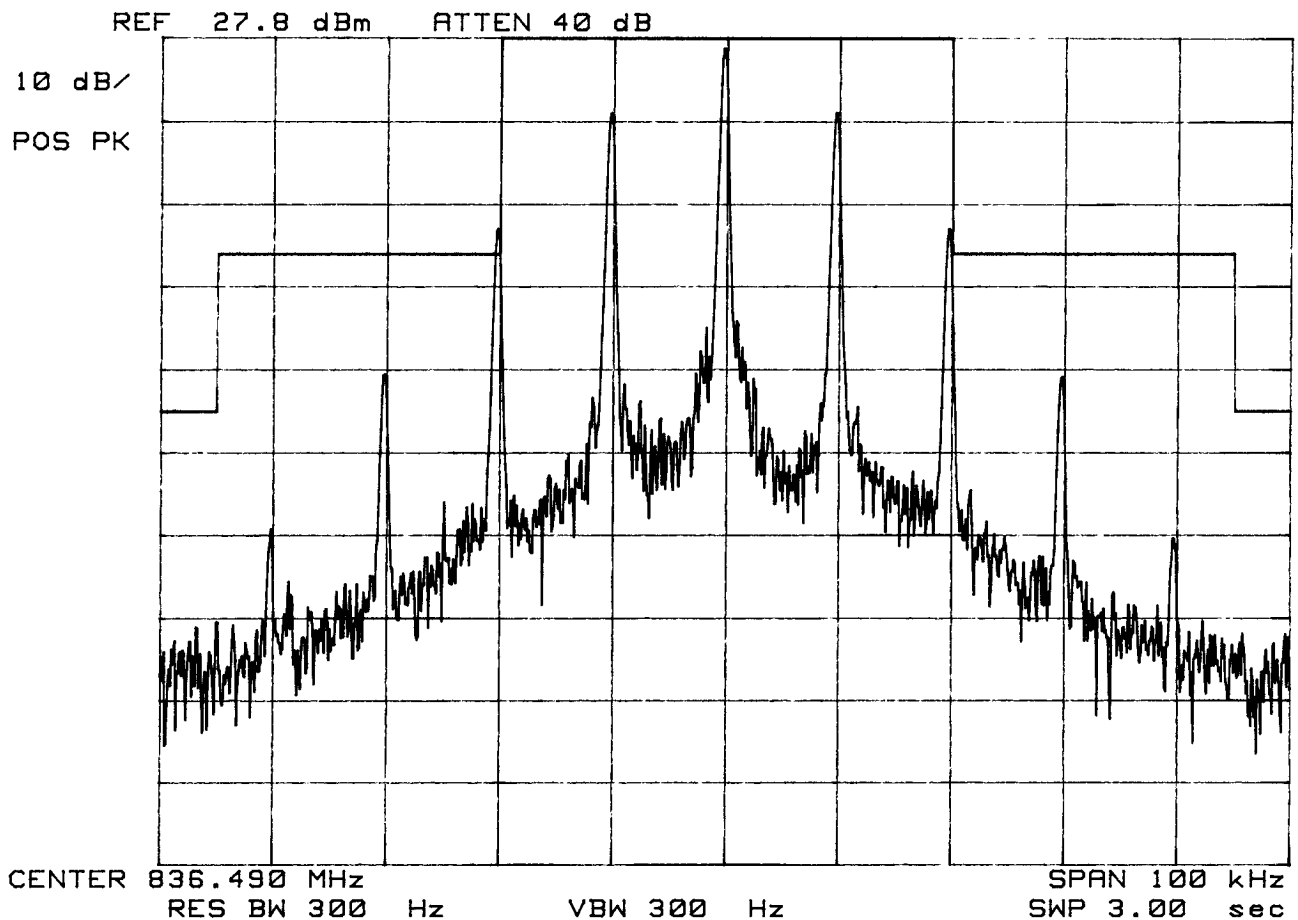
SAMSUNG TRI MODE PHONE

FM MODE

Operating Frequency: 836.490 MHz

Output Power : 27.8 dBm

Test Mode:ST



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCH2510

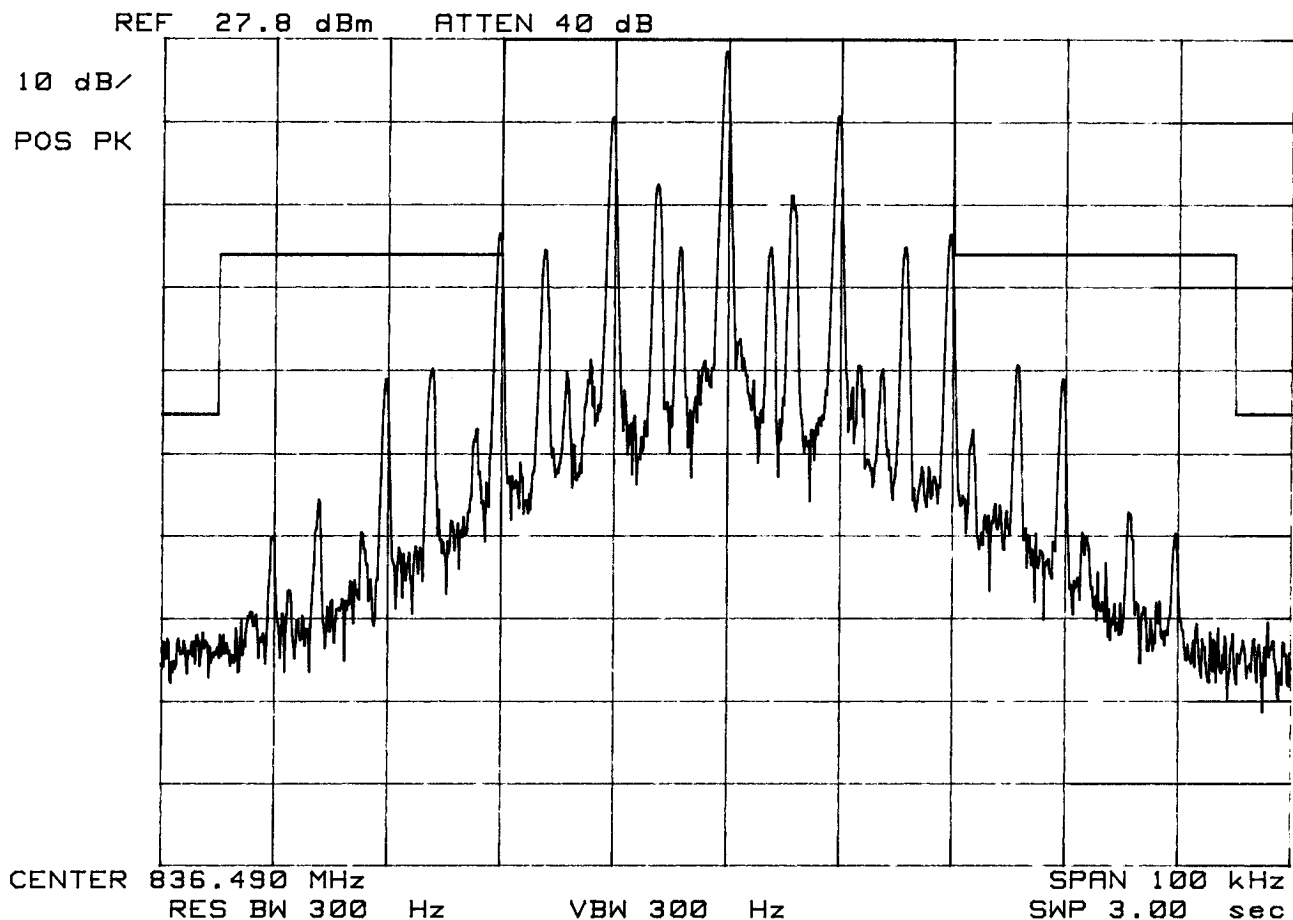
SAMSUNG TRI MODE PHONE

FM MODE

Operating Frequency: 836.490 MHz

Output Power : 27.8 dBm

Test Mode:SAT + ST



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCH2510

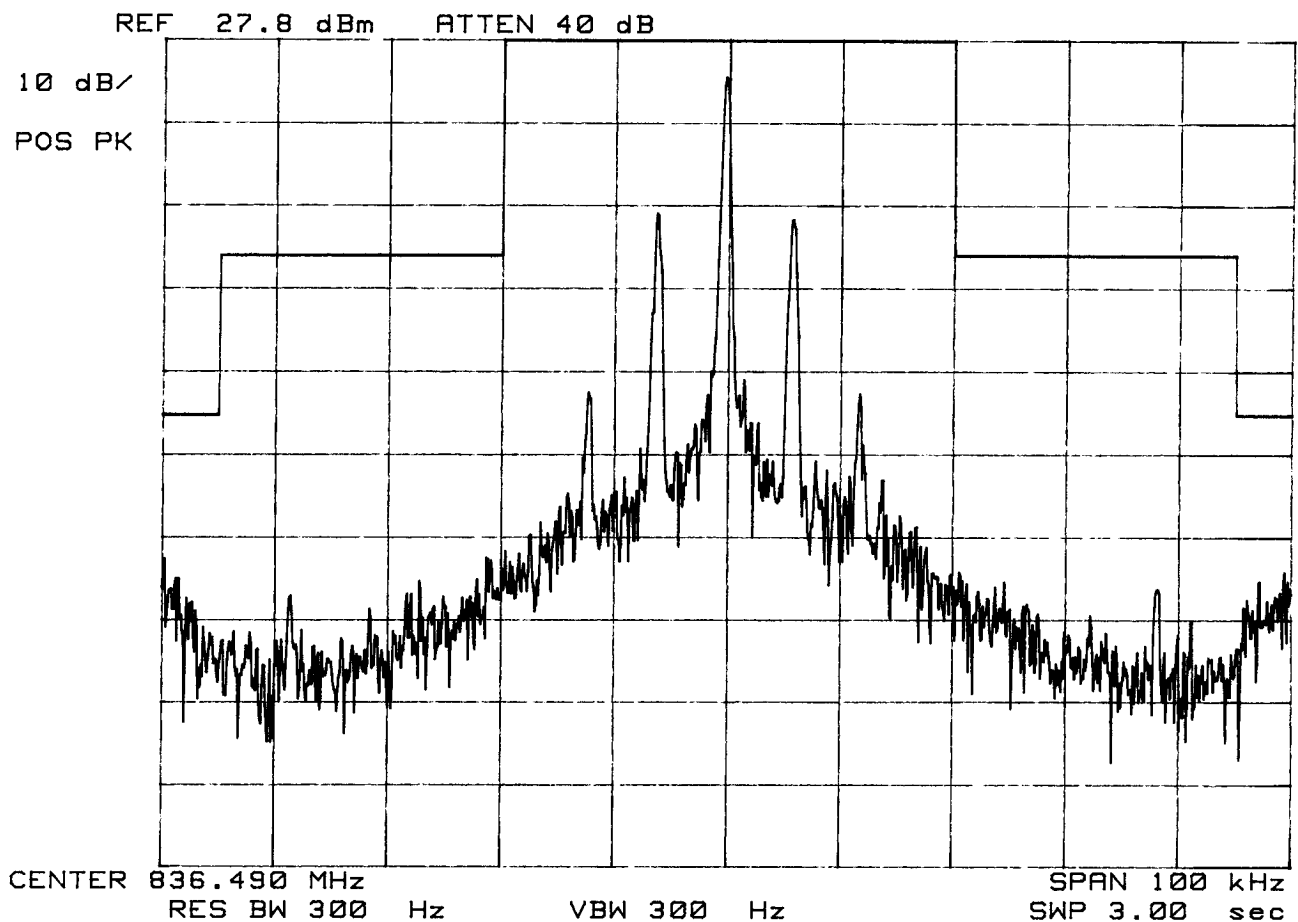
SAMSUNG TRI MODE PHONE

FM MODE

Operating Frequency: 836.490 MHz

Output Power : 27.8 dBm

Test Mode:SAT



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCH2510

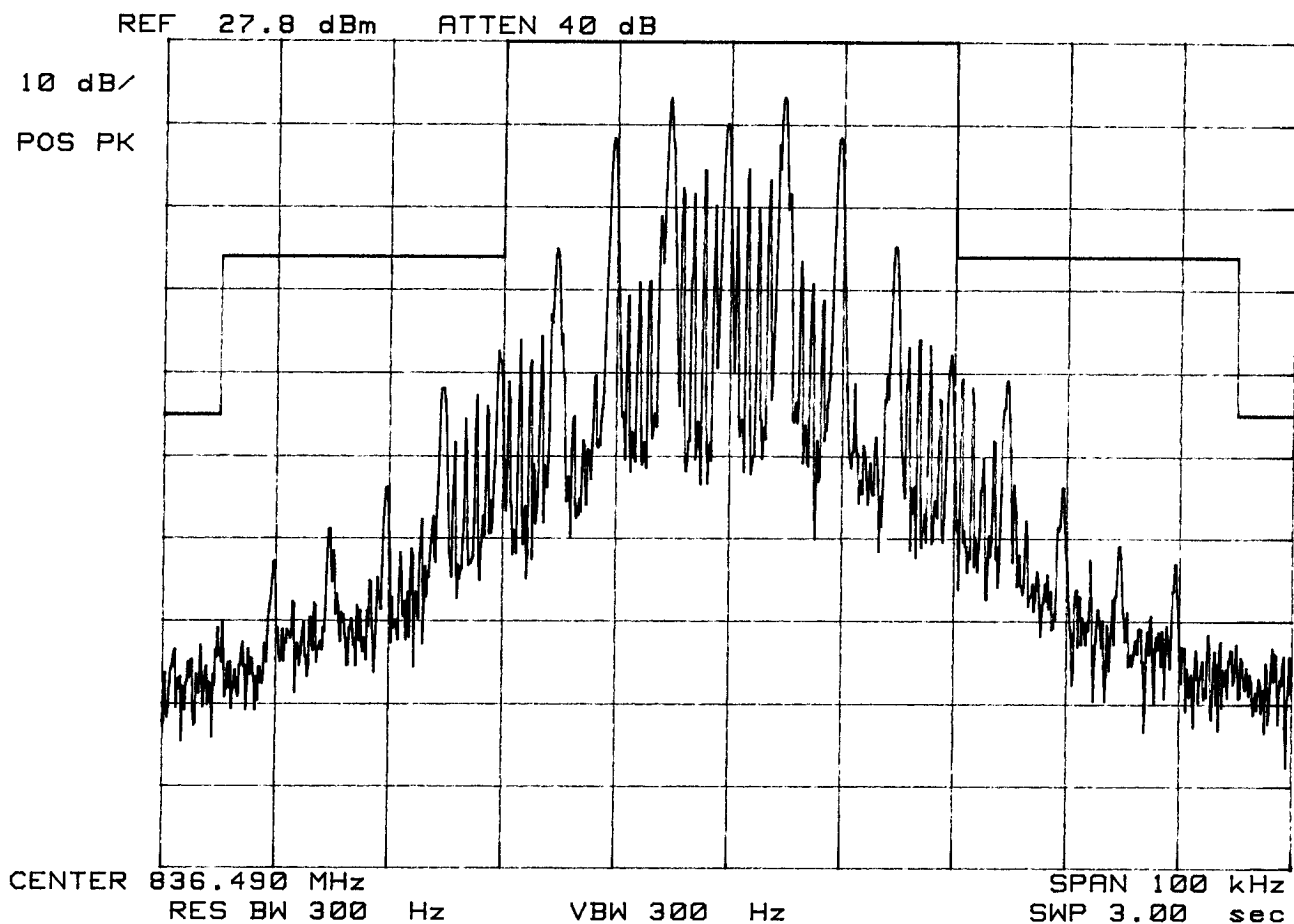
SAMSUNG TRI MODE PHONE

FM MODE

Operating Frequency: 836.490 MHz

Output Power : 27.8 dBm

Test Mode:Wide Band Data



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCH2510

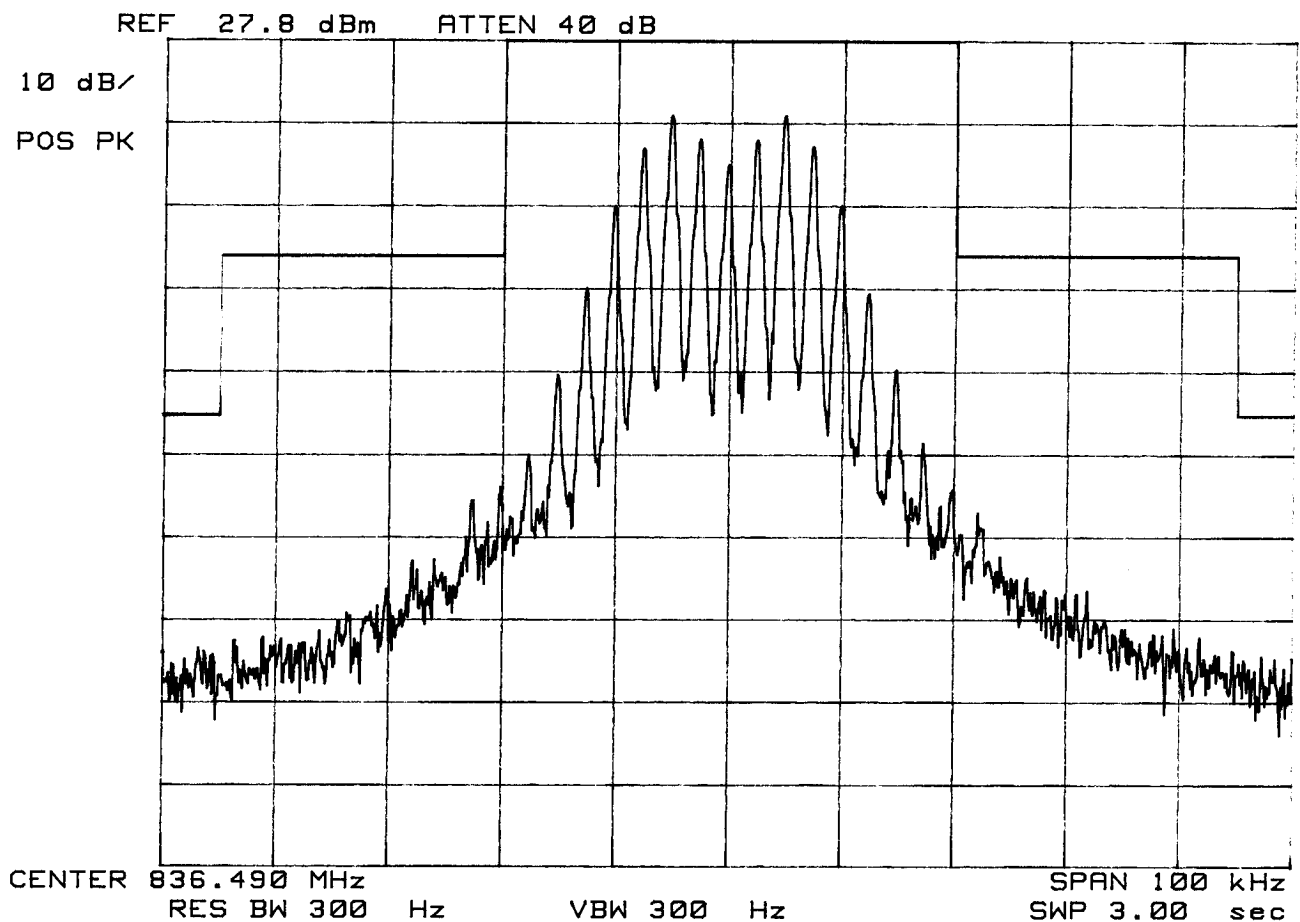
SAMSUNG TRI MODE PHONE

FM MODE

Operating Frequency: 836.490 MHz

Output Power : 27.8 dBm

Test Mode:Voice



~~HP~~ A3LSCH2510 CH 991 FM MODE CON SPURS

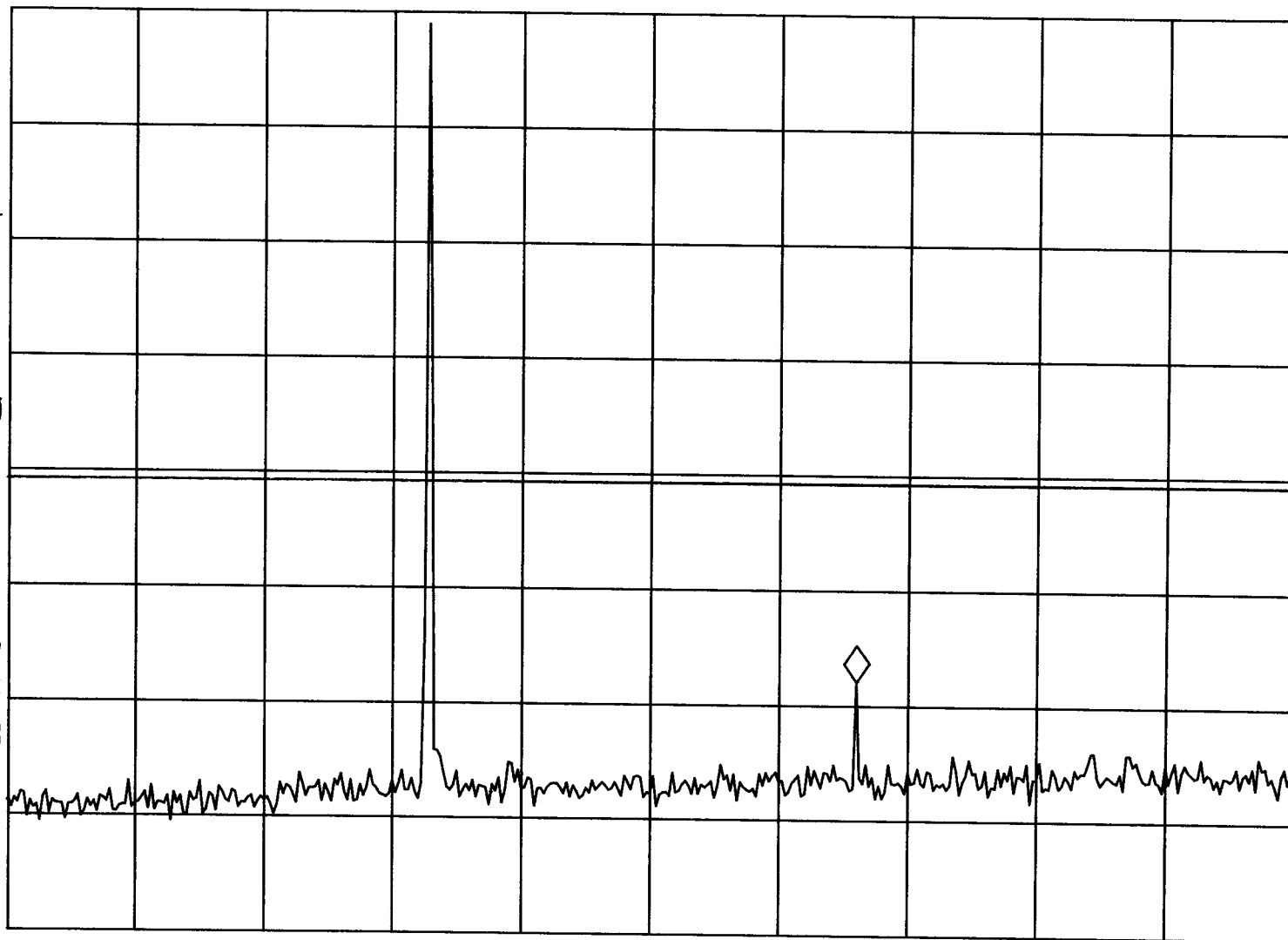
REF 27.8 dBm ATTEN 40 dB

MKR 1.653 GHz

-30.12 dBm

PEAK
LOG
10
dB/
OFFST
1.0
dB
DL
-13.0
dBm

VA SB
SC FC
CORR



START 10 MHz

#RES BW 1.0 MHz

#VBW 1 MHz

STOP 2.500 GHz

SWP 50 msec

AMP5
C991

FCC ID-A3LSCH2510 CON SPURS

REF 24.0 dBm ATTN 40 dB

MKR 6.873 GHz

-30.60 dBm

hp

10 dB/

POS PK

OFFSET

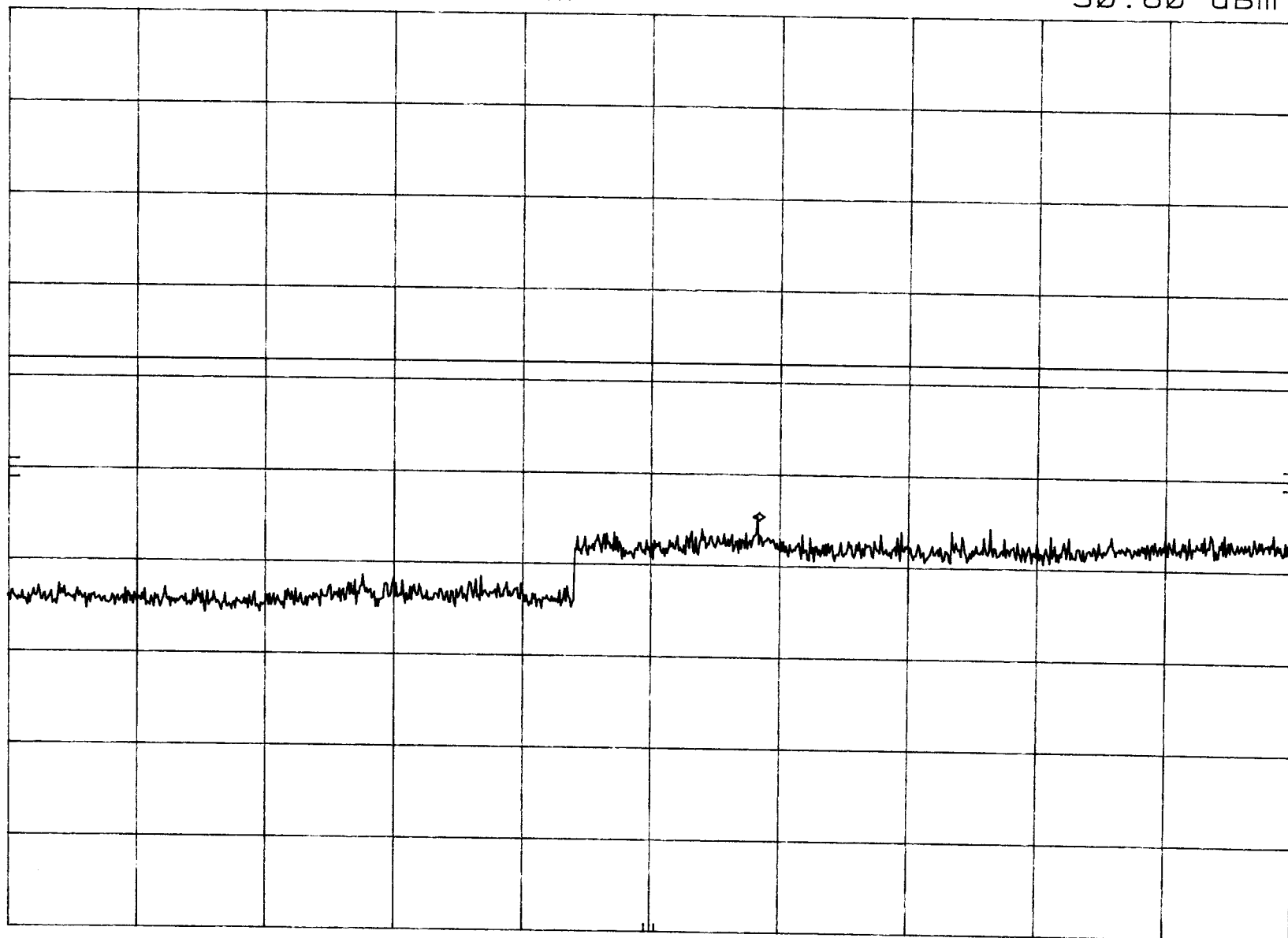
1.0

dB

DL

-14.0

dBm



START 2.50 GHz

RES BW 1 MHz

VBW 1 MHz

STOP 10.00 GHz

SWP 188 msec

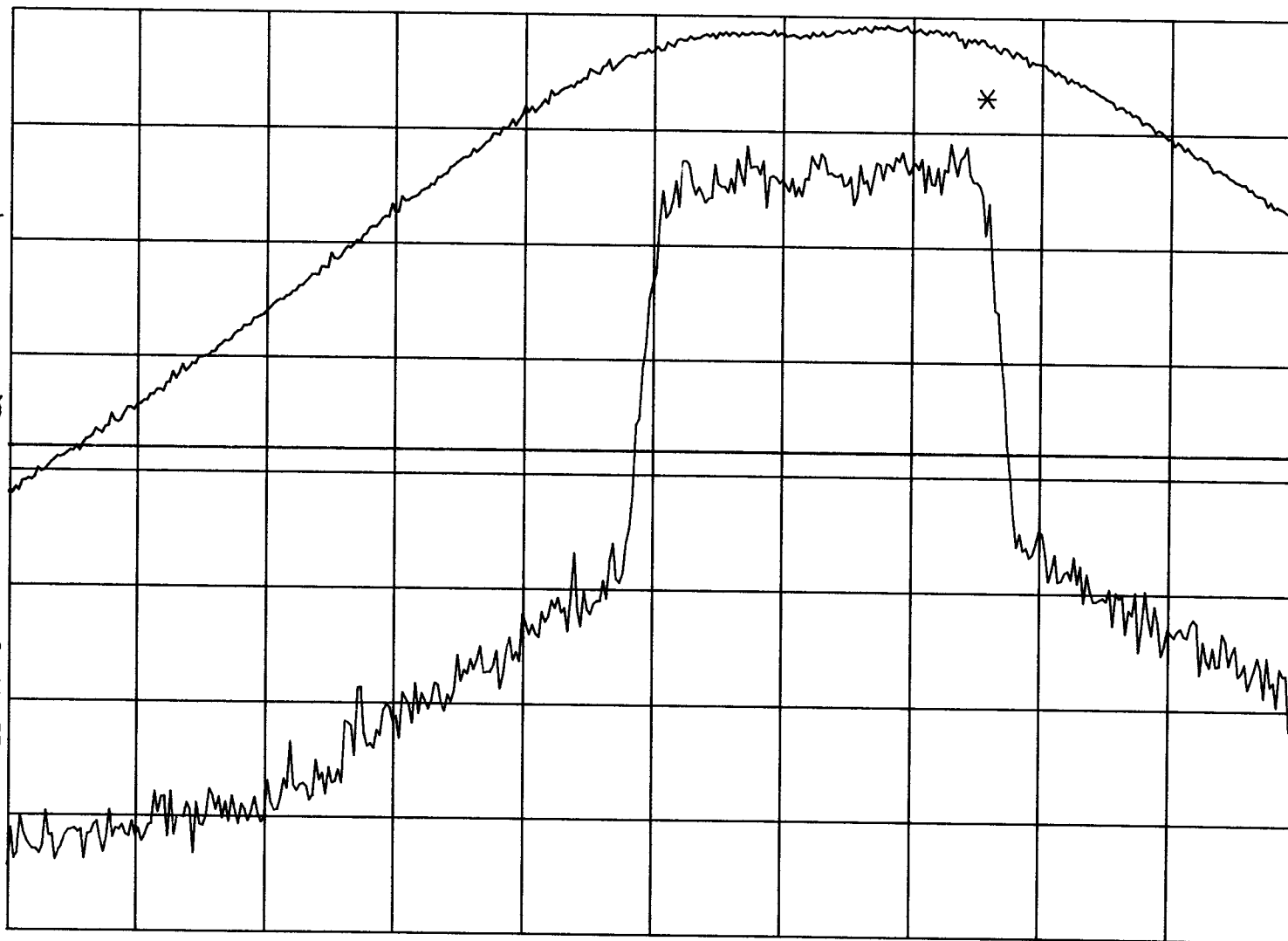
hp FCC ID: A3LSCH2510 CDMA C-1013

REF 25.0 dBm

AT 40 dB

PEAK
LOG
10
dB/
OFFST
1.0
dB
DL
-13.0
dBm

VA VB
SC FC
CORR



CLEAR
WRITE B

MAX
HOLD B

VIEW B

BLANK B

Trace
A B C

More
1 of 3

CENTER 824.040 MHz

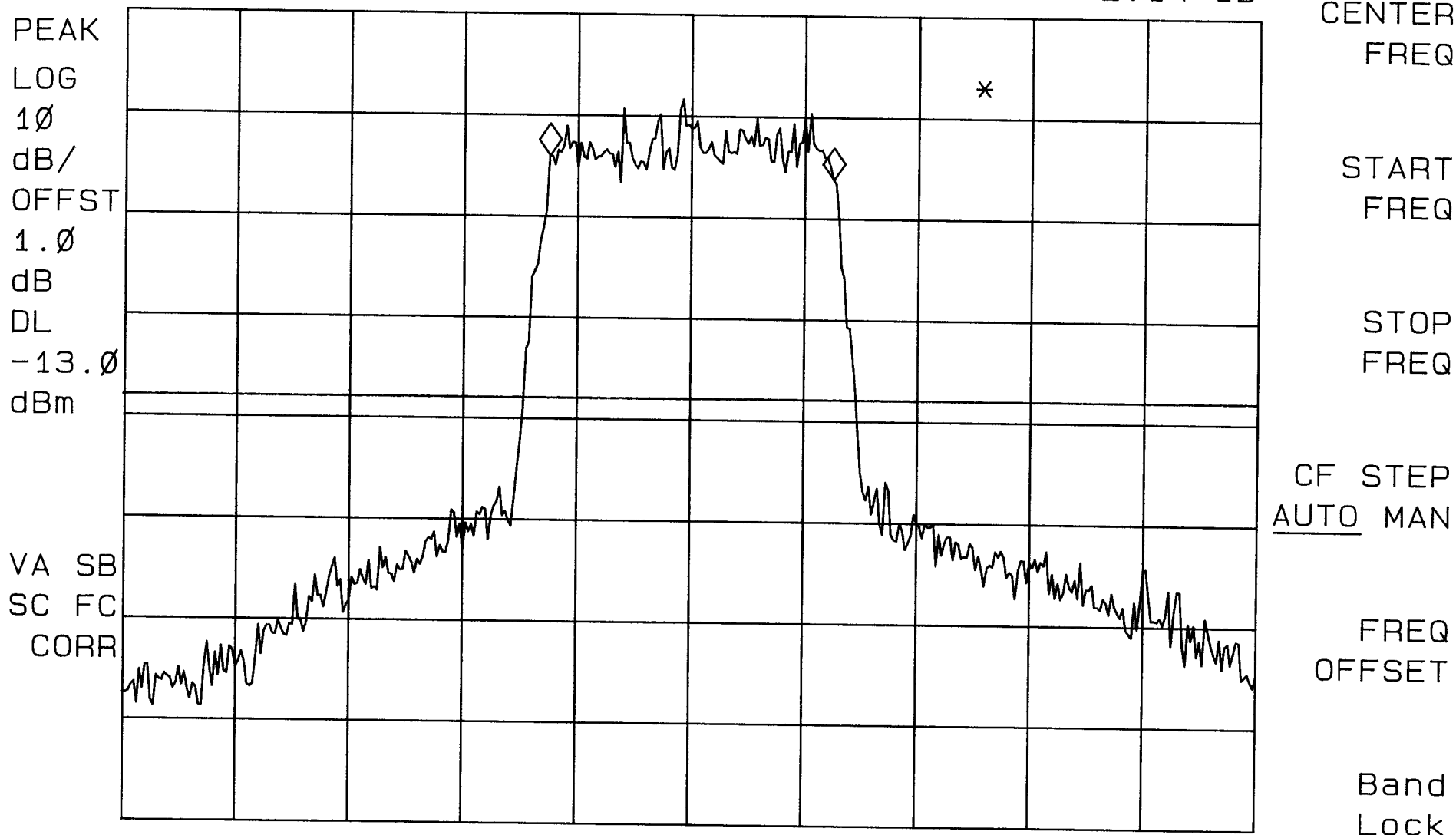
#RES BW 30 kHz

#VBW 30 kHz

SPAN 5.000 MHz

SWP 20.0 msec

~~hp~~ FCC ID: A3LSCH2510 C-0363 99 % PWR BW MKR Δ 1.250 MHz
REF 25.0 dBm AT 40 dB -2.14 dB



CENTER 835.890 MHz

#RES BW 30 kHz

#VBW 30 kHz

SPAN 5.000 MHz

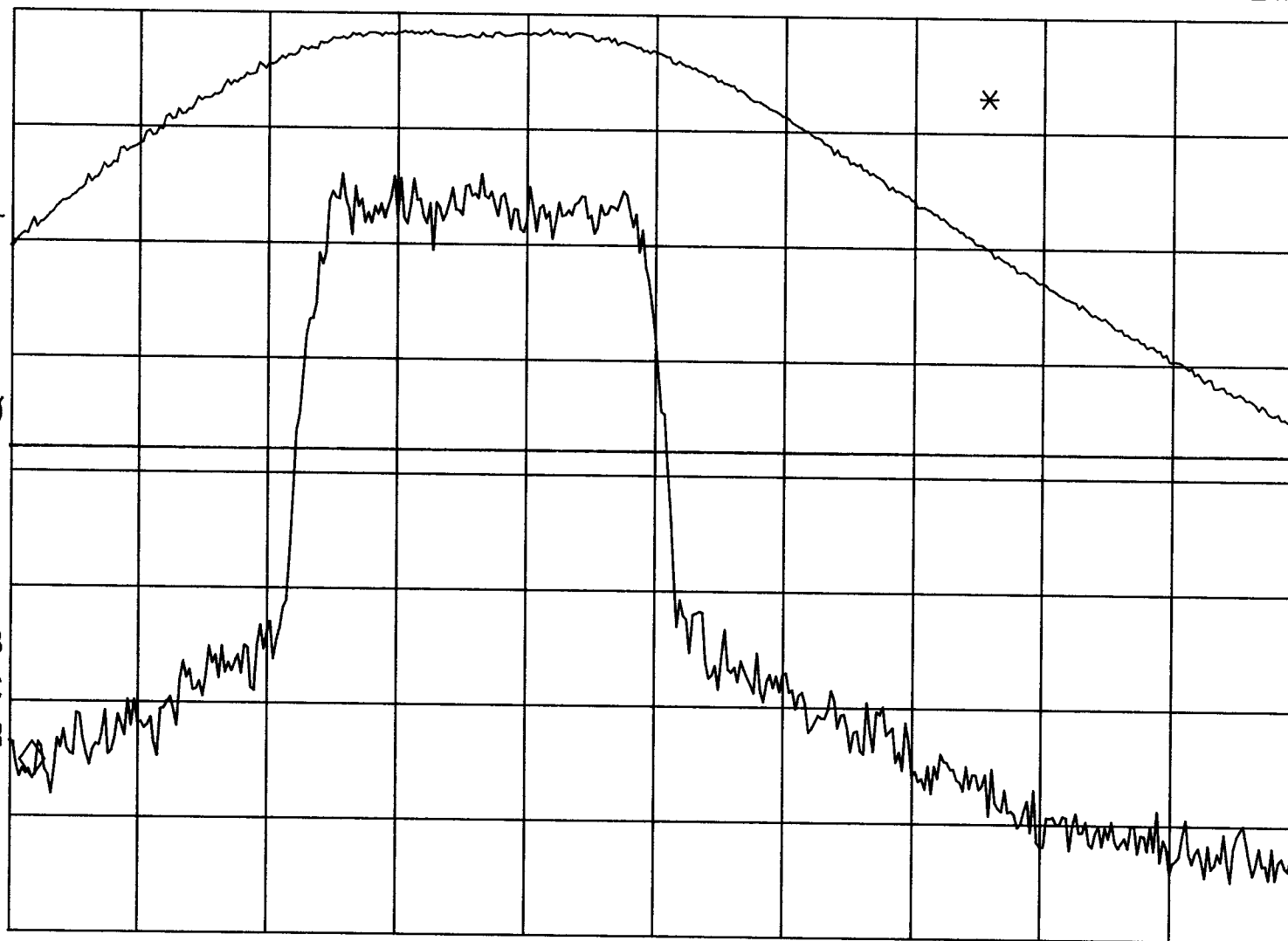
SWP 20.0 msec

hp FCC ID: A3LSCH2510 CDMA C-0777
REF 25.0 dBm AT 40 dB

MKR 846.557 MHz
-41.72 dBm

PEAK
LOG
10
dB/
OFFST
1.0
dB
DL
-13.0
dBm

VA VB
SC FC
CORR



CLEAR
WRITE B

MAX
HOLD B

VIEW B

BLANK B

Trace
A B C

More
1 of 3

CENTER 848.970 MHz
#RES BW 1.0 MHz

#VBW 1 MHz

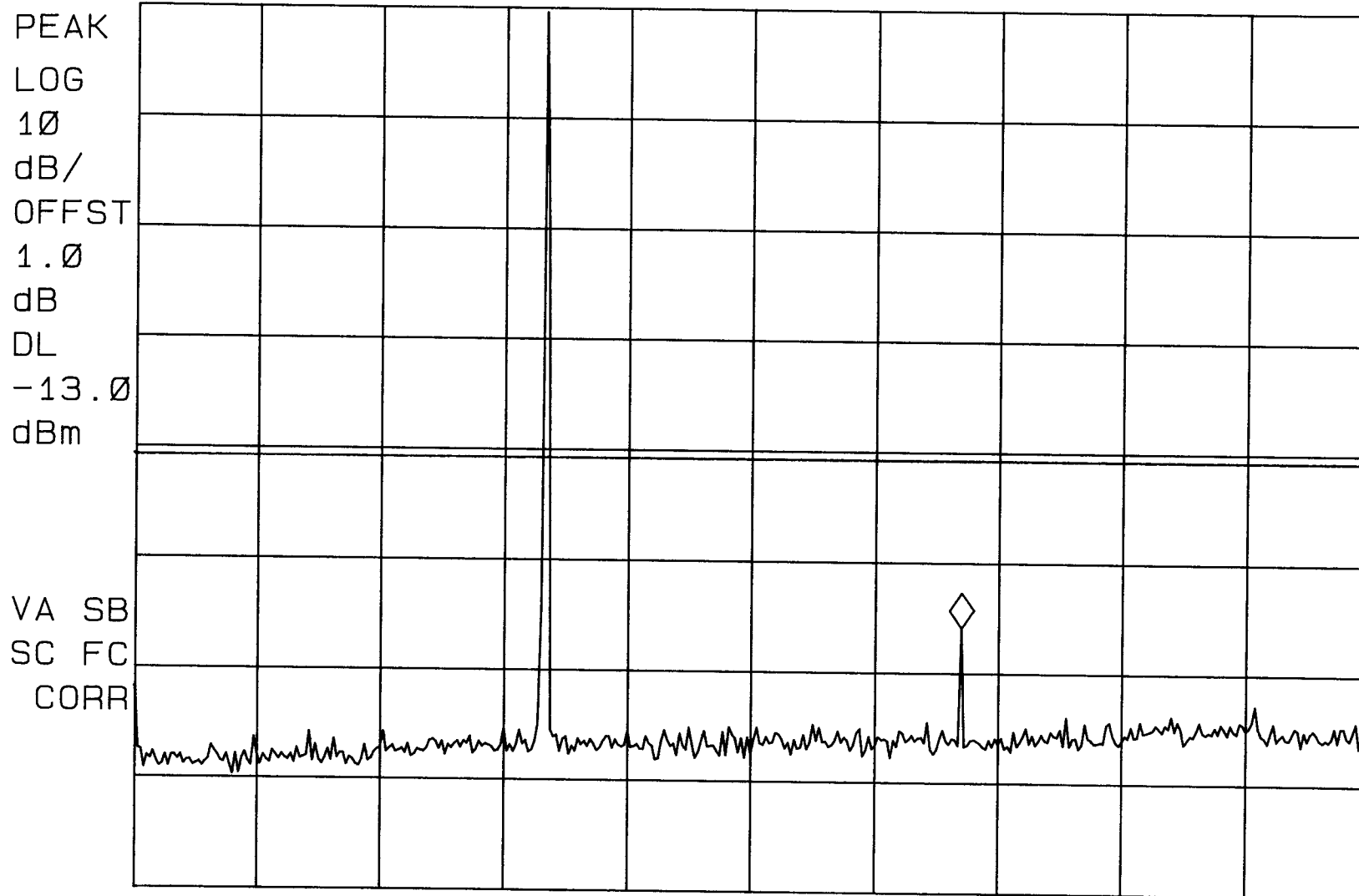
SPAN 5.000 MHz
SWP 20.0 msec

hp A3LSCH2510 CH 383 FM MODE CON SPURS

REF 27.8 dBm ATTEN 40 dB

MKR 1.678 GHz

-28.08 dBm



START 10 MHz

#RES BW 1.0 MHz

#VBW 1 MHz

STOP 2.500 GHz

SWP 50 msec

Amps

C 583

FCC ID-A3LSCH2510 CON SPURS

REF 24.0 dBm ATTEN 40 dB

MKR 9.235 GHz

-31.20 dBm

hp

10 dB/

POS PK

OFFSET

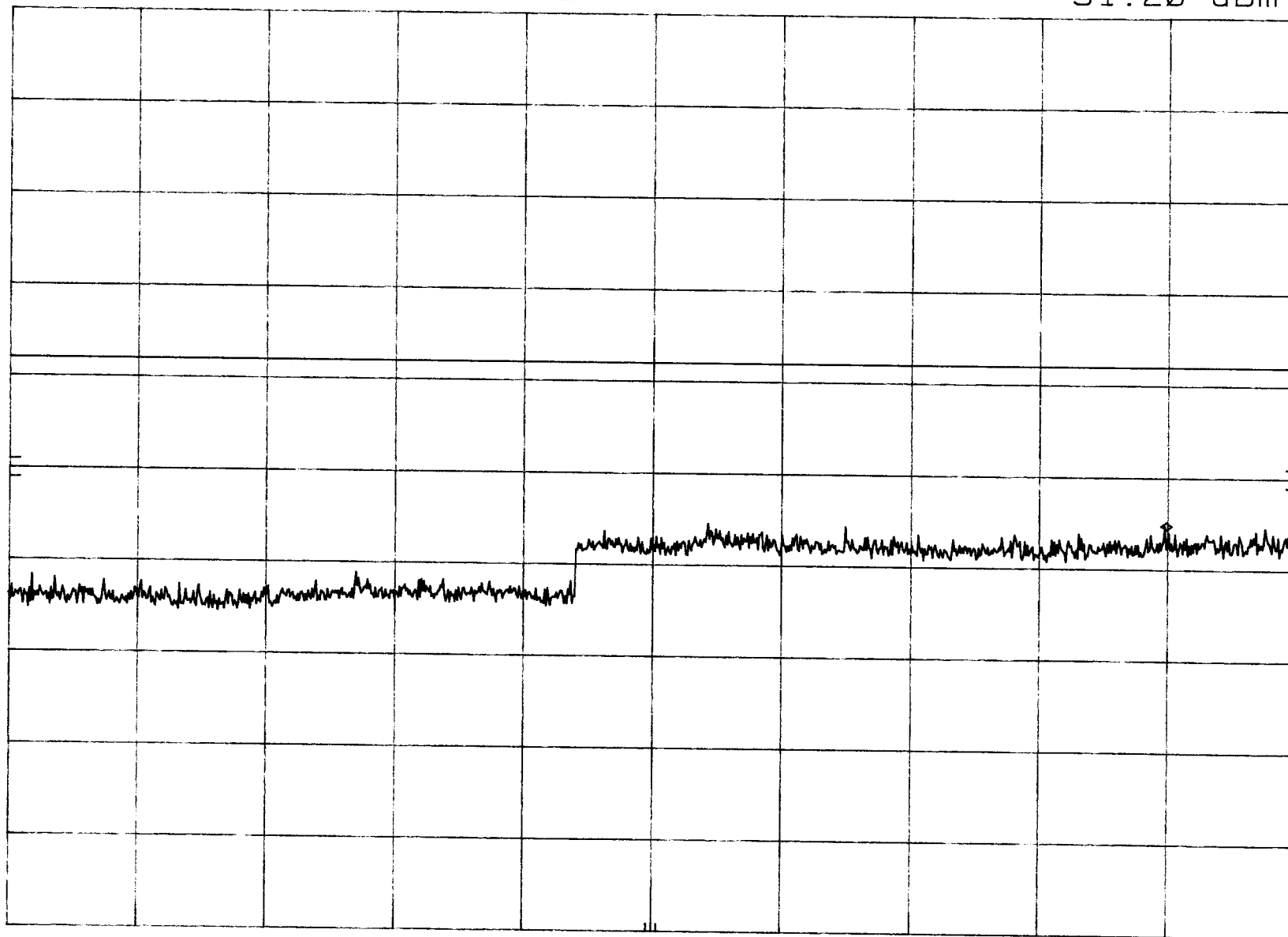
1.0

dB

DL

-14.0

dBm



START 2.50 GHz

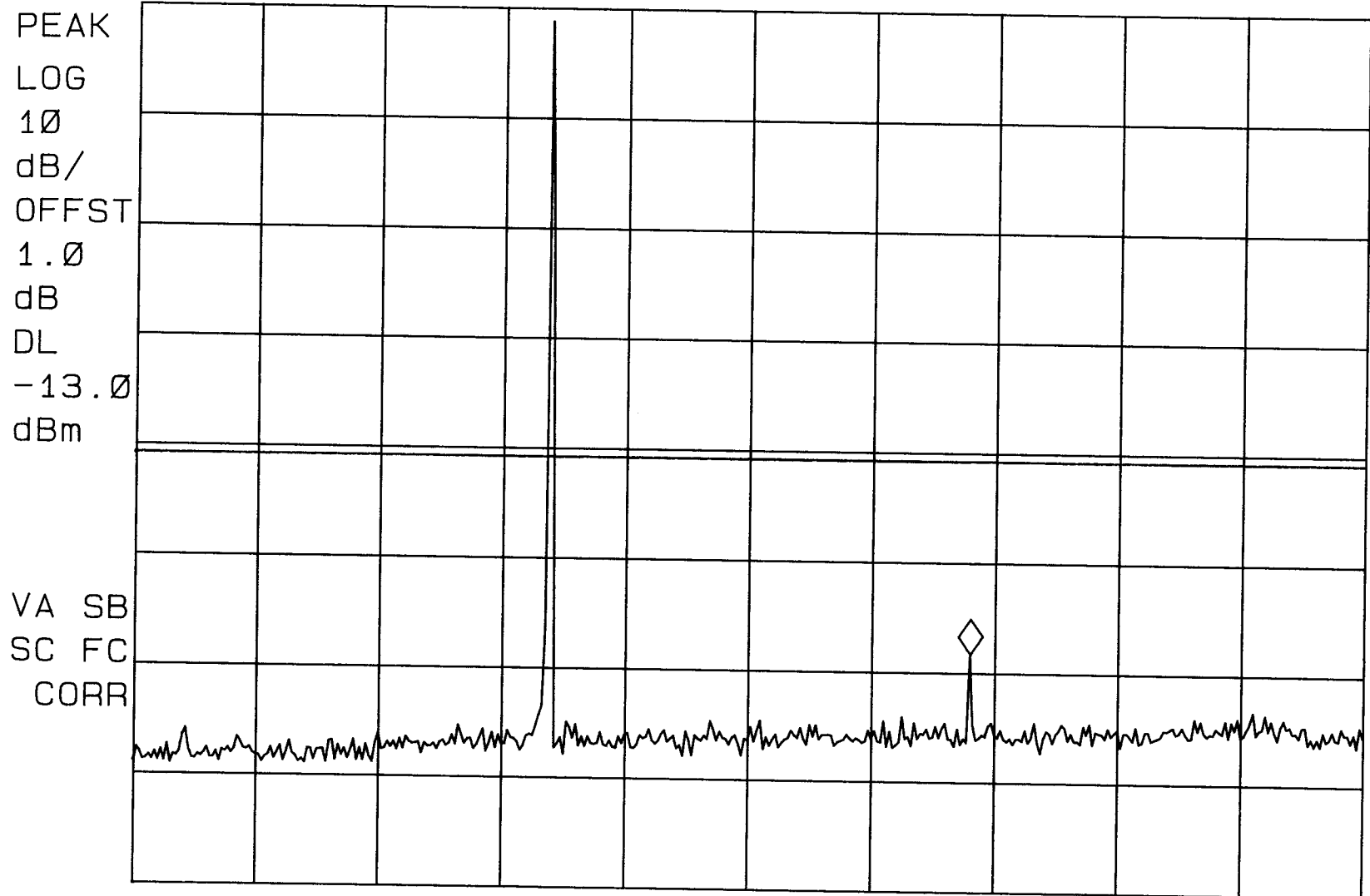
RES BW 1 MHz

VBW 1 MHz

STOP 10.00 GHz
SWP 188 msec

hp A3LSCH2510 CH 799 FM MODE CON SPURS
REF 27.8 dBm ATTEN 40 dB

MKR 1.703 GHz
-30.45 dBm



START 10 MHz

#RES BW 1.0 MHz

#VBW 1 MHz

STOP 2.500 GHz

SWP 50 msec

Ampl
799

FCC ID-A3LSCH2510 CON SPURS
REF 24.0 dBm ATTN 40 dB

MKR 6.063 GHz
-31.50 dBm

hp

10 dB/

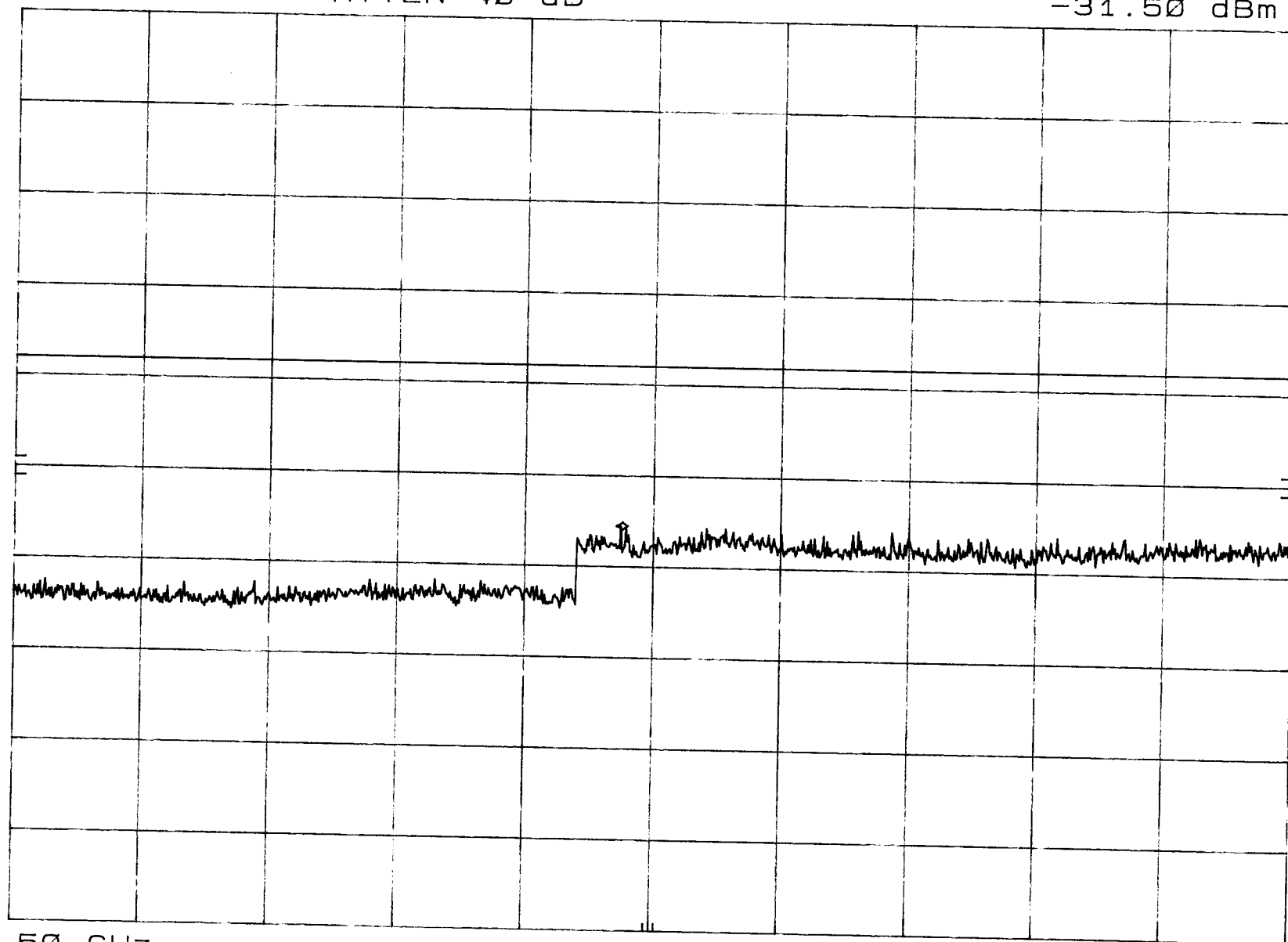
POS PK

OFFSET

1.0
dB

DL

-14.0
dBm



START 2.50 GHz

RES BW 1 MHz

VBW 1 MHz

STOP 10.00 GHz
SWP 188 msec

CDma

1013

FCC ID-A3LSCH2510 CON SPURS

REF 25.0 dBm ATTEN 40 dB

MKR 9.700 GHz

-29.40 dBm

hp

10 dB/

POS PK

OFFSET

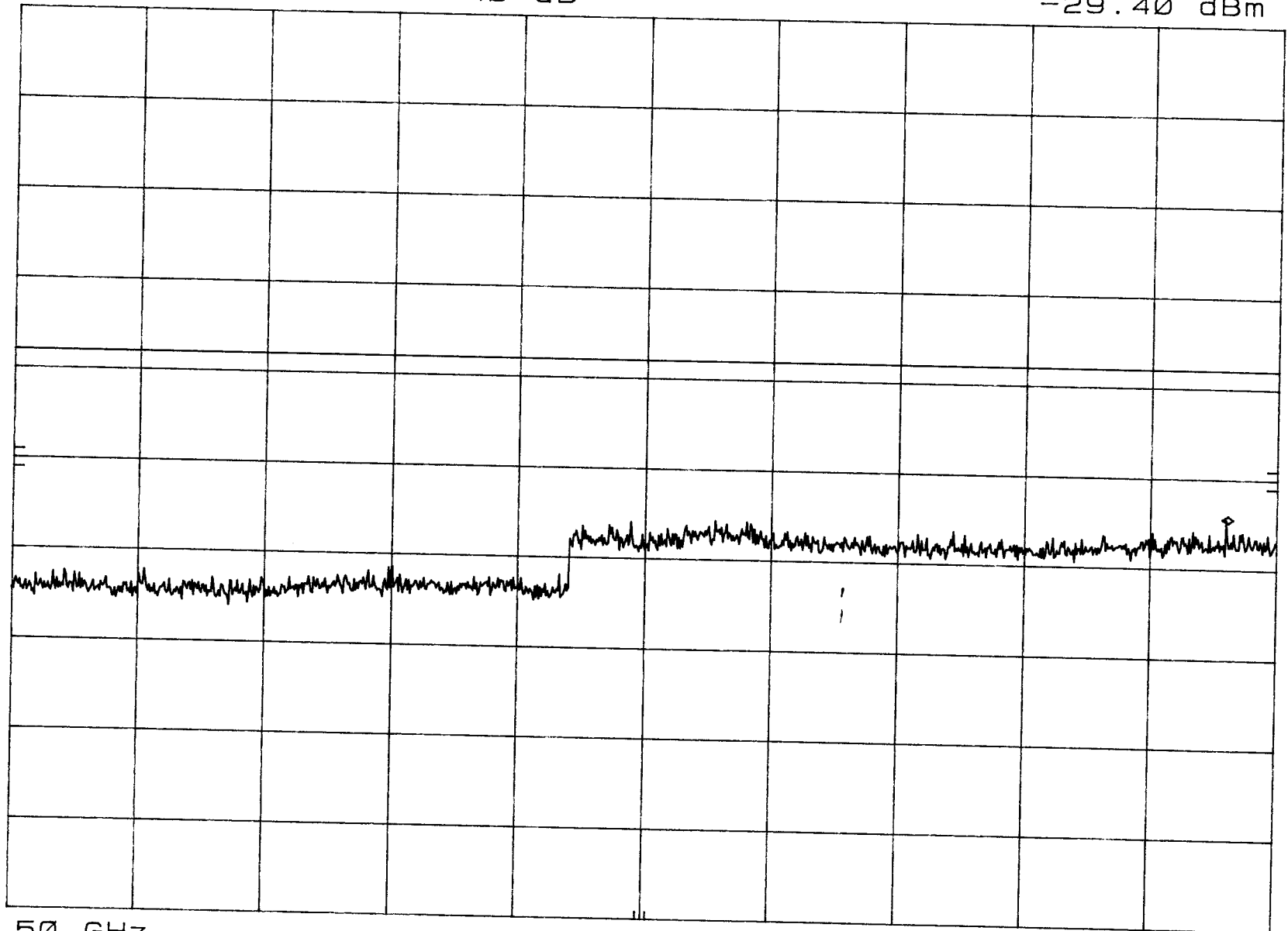
2.0

dB

DL

-13.0

dBm



START 2.50 GHz

RES BW 1 MHz

VBW 1 MHz

STOP 10.00 GHz

SWP 188 msec

CDMA

0777

FCC ID-A3LSCH2510 CON SPURS

REF 25.0 dBm ATTEN 40 dB

MKR 6.828 GHz

-29.90 dBm

hp

10 dB/

POS PK

OFFSET

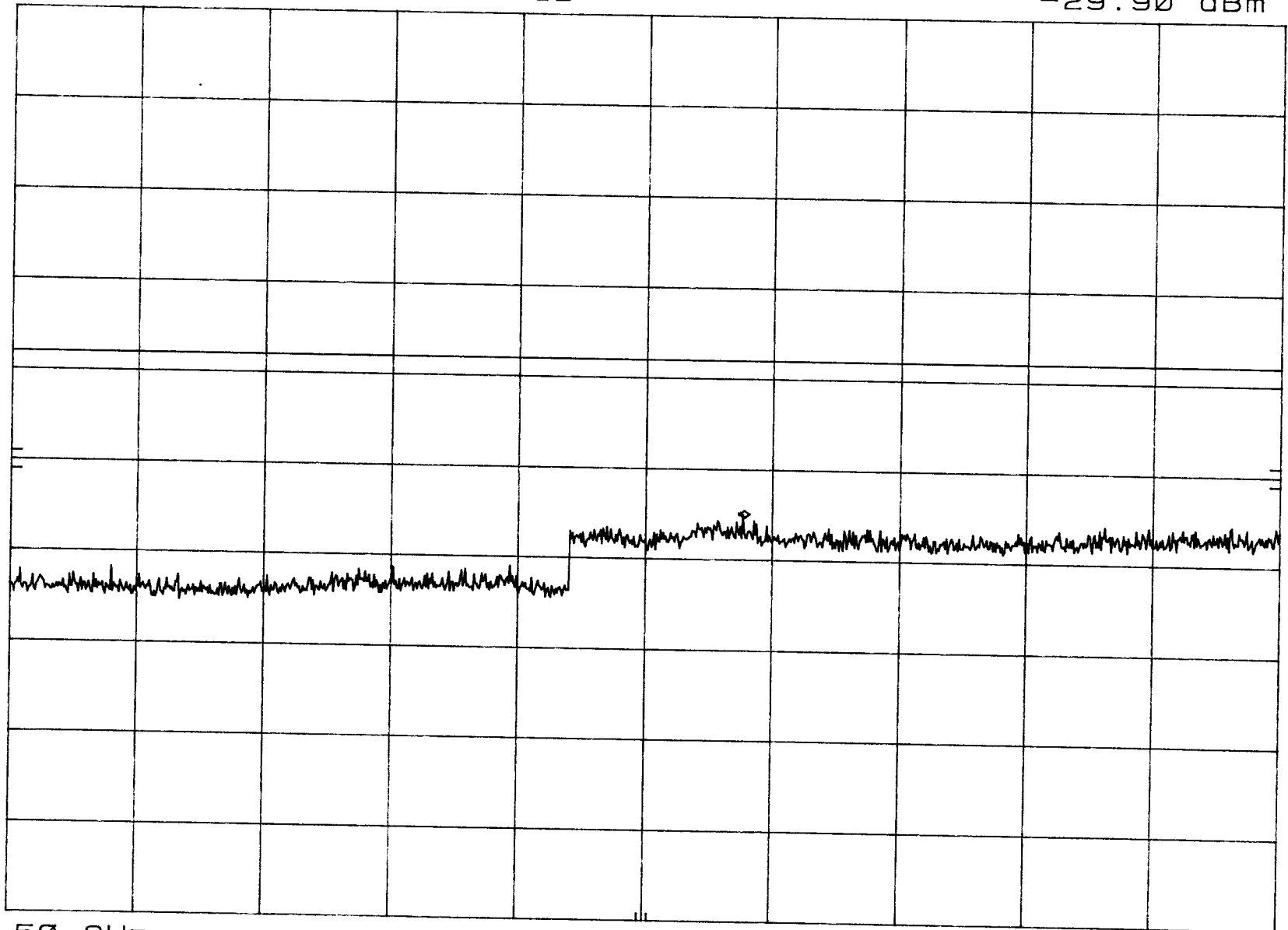
2.0

dB

DL

-13.0

dBm



START 2.50 GHz

RES BW 1 MHz

VBW 1 MHz

STOP 10.00 GHz

SWP 188 msec

CDm6
C 363

FCC ID-A3LSCH2510 CON SPURS

REF 25.0 dBm ATTEN 40 dB

MKR 10.000 GHz

-31.40 dBm

hp

10 dB/

POS PK

OFFSET

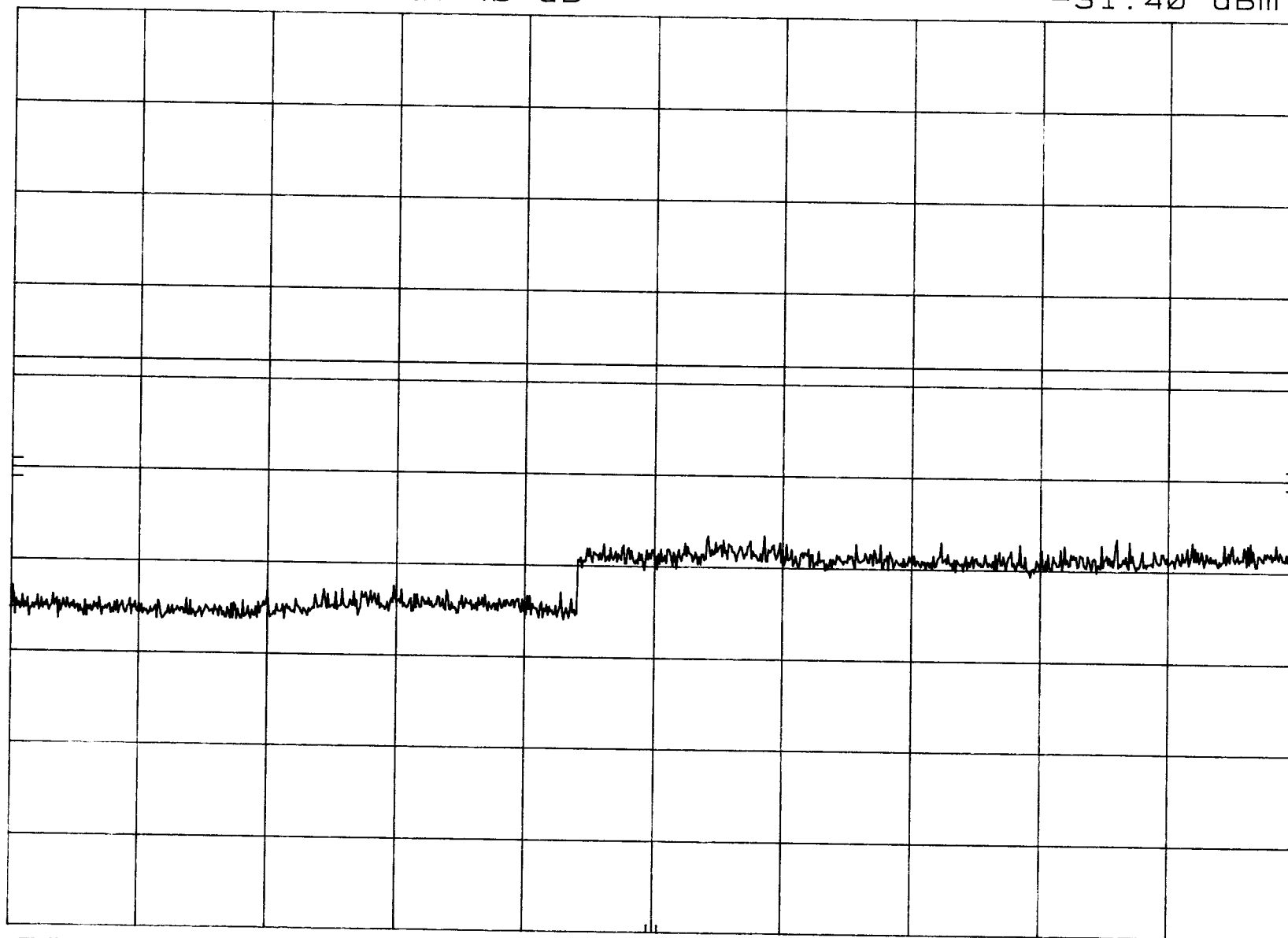
1.0

dB

DL

-13.0

dBm



START 2.50 GHz

RES BW 1 MHz

VBW 1 MHz

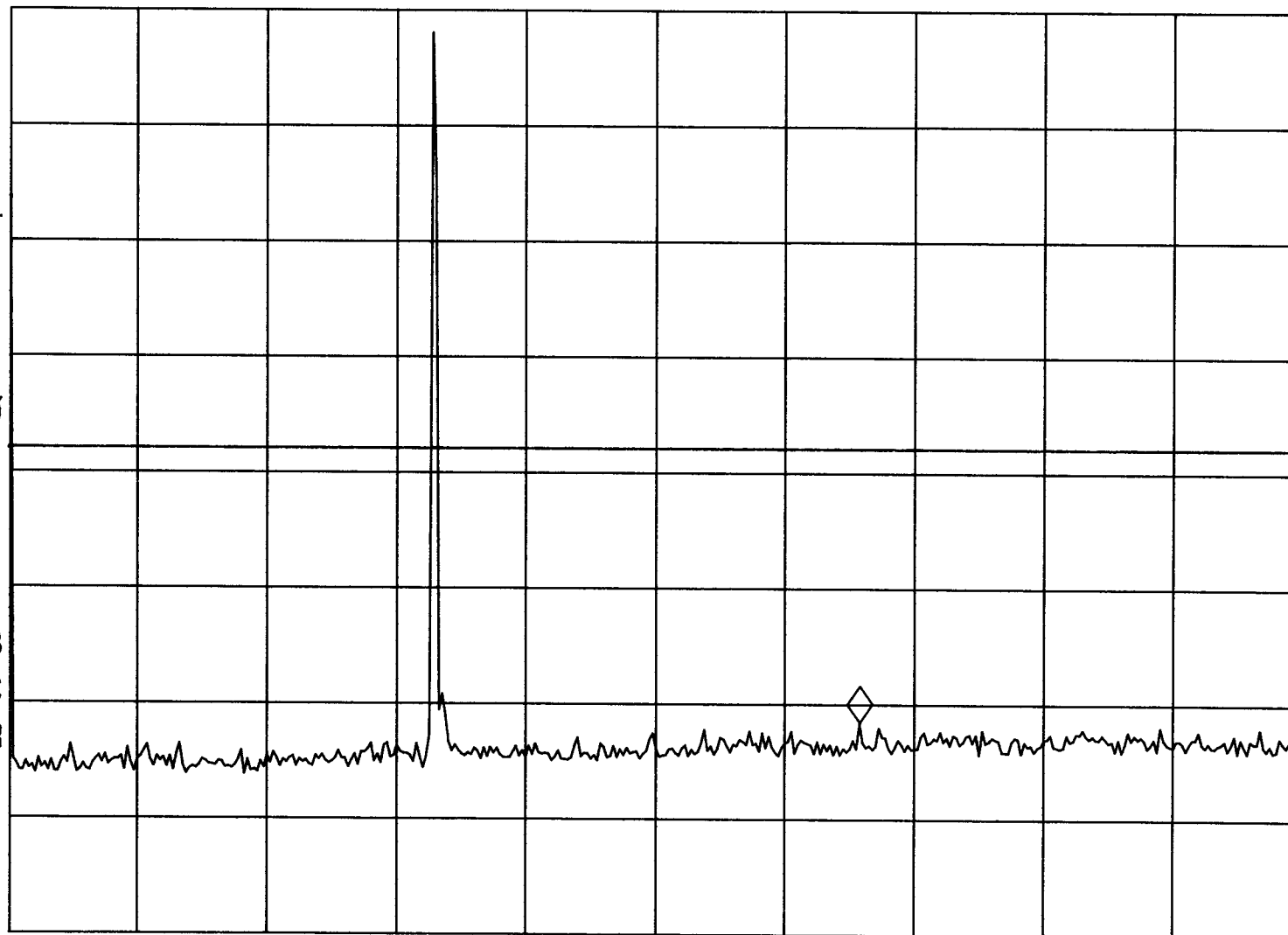
STOP 10.00 GHz

SWP 188 msec

~~HP~~ FCC A3LSCH2510 CDMA CON SPURS C-1013 MKR 1.647 GHz
 REF 25.0 dBm AT 40 dB -36.57 dBm

PEAK
 LOG
 10
 dB/
 OFFST
 1.0
 dB
 DL
 -13.0
 dBm

VA SB
 SC FC
 CORR



CLEAR
 WRITE A

MAX
 HOLD A

VIEW A

BLANK A

Trace
A B C

More
 1 of 3

START 10 MHz STOP 2.500 GHz
 #RES BW 1.0 MHz #VBW 1 MHz SWP 49.8 msec

C 1013

FCC ID-A3LSCH2510 CON SPURS

MKR 9.633 GHz

hp

REF 25.0 dBm ATTN 40 dB

-31.10 dBm

10 dB/

POS PK

OFFSET

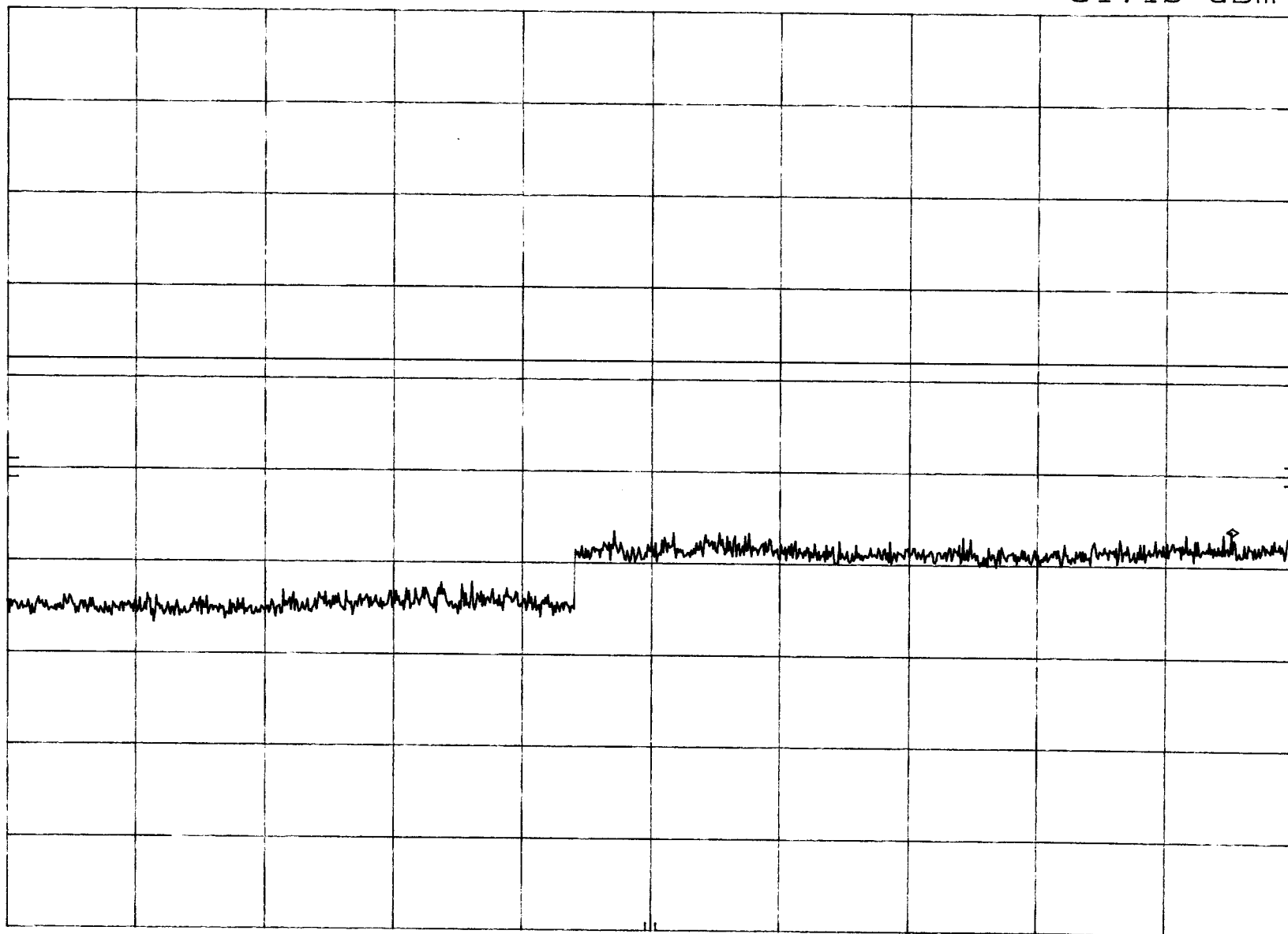
1.0

dB

DL

-13.0

dBm



START 2.50 GHz

RES BW 1 MHz

VBW 1 MHz

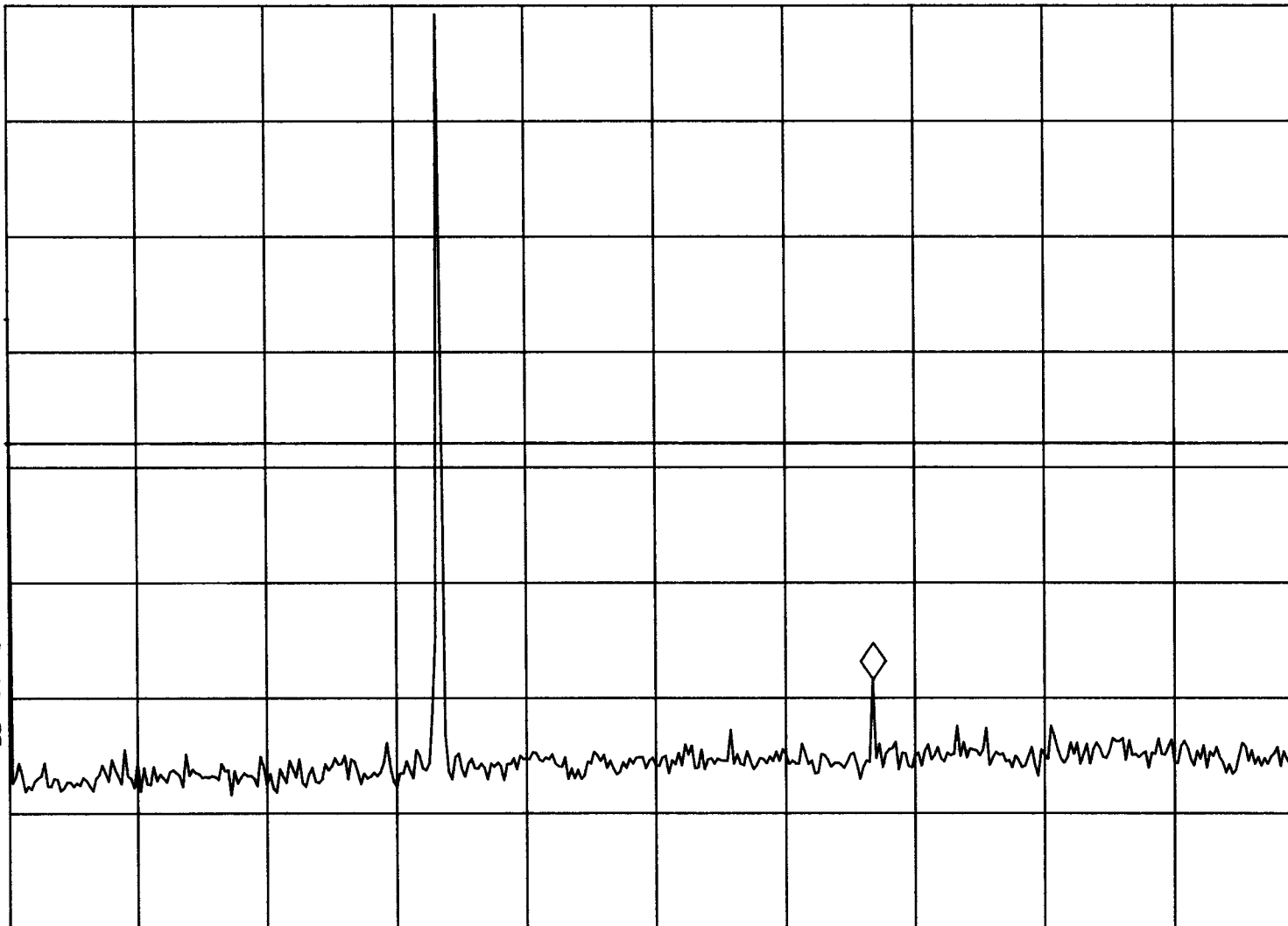
STOP 10.00 GHz

SWP 188 msec

~~HP~~ FCC A3LSCH2510 CDMA CON SPURS C-0363 MKR 1.672 GHz
REF 25.0 dBm AT 40 dB -33.42 dBm

PEAK
LOG
10
dB/
OFFST
1.0
dB
DL
-13.0
dBm

VA SB
SC FC
CORR



CLEAR
WRITE A

MAX
HOLD A

VIEW A

BLANK A

Trace
A B C

More
1 of 3

START 10 MHz STOP 2.500 GHz
#RES BW 1.0 MHz #VBW 1 MHz SWP 49.8 msec

C 363

FCC ID-A3LSCH2510 CON SPURS

MKR 9.933 GHz

hp REF 25.0 dBm ATTN 40 dB

-30.40 dBm

10 dB/

POS PK

OFFSET

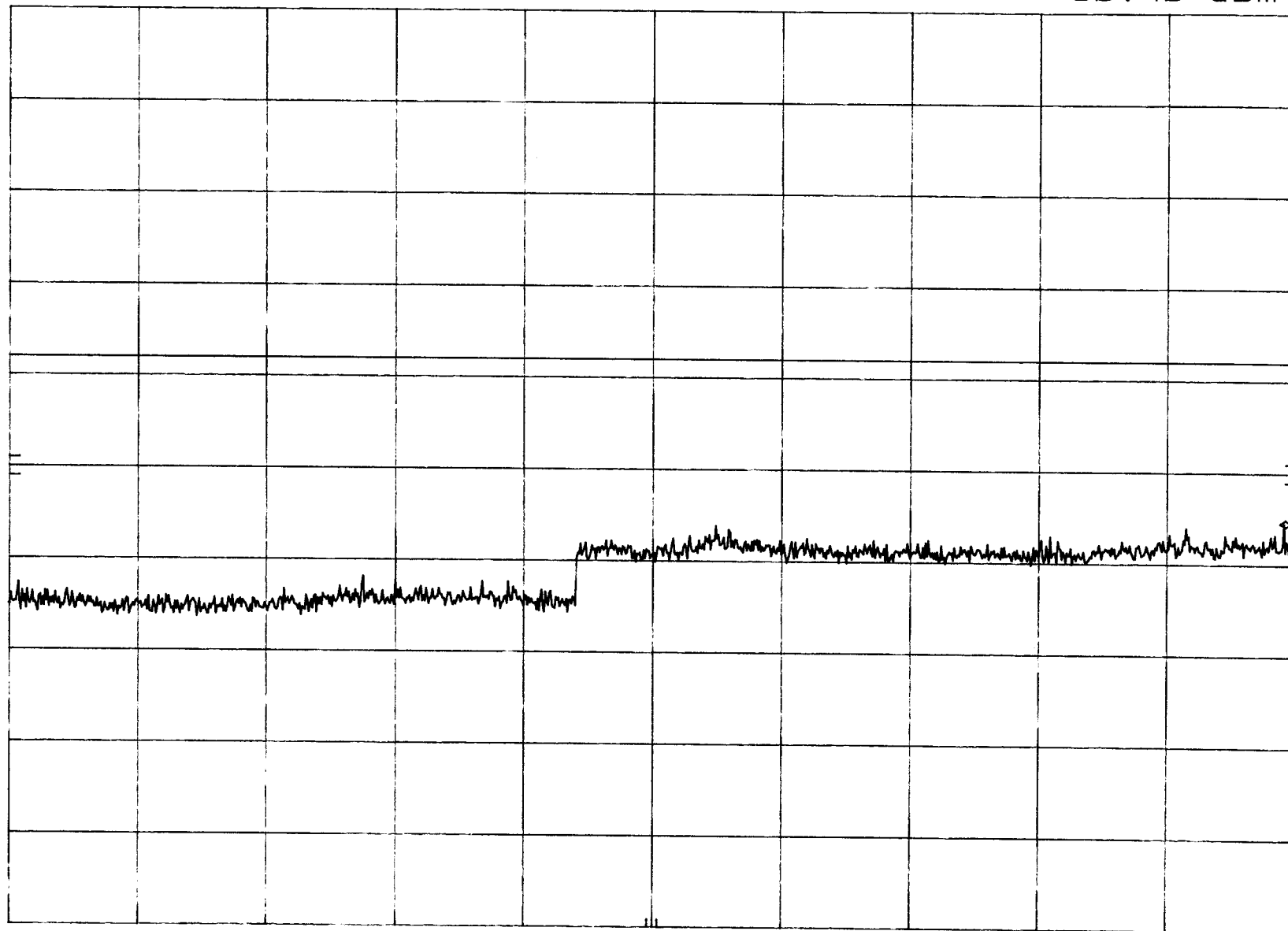
1.0

dB

DL

-13.0

dBm



START 2.50 GHz

RES BW 1 MHz

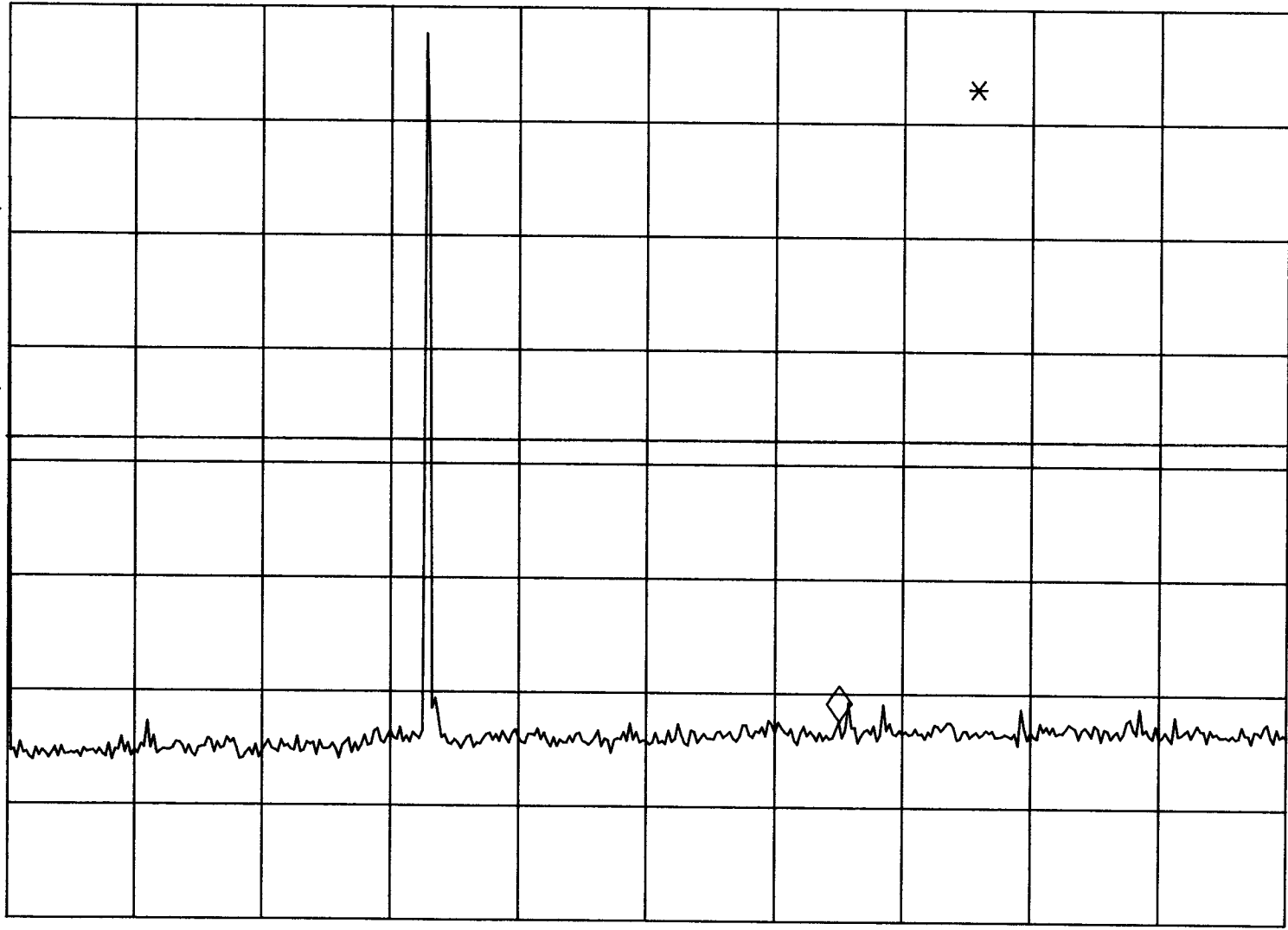
VBW 1 MHz

STOP 10.00 GHz

SWP 188 msec

~~hp~~ FCC A3LSCH2510 CDMA CON SPURS C-0777 MKR 1.629 GHz
 REF 25.0 dBm AT 40 dB -37.47 dBm

PEAK
 LOG
 10
 dB/
 OFFST
 1.0
 dB
 DL
 -13.0
 dBm
 VA SB
 SC FC
 CORR



MARKER
 NORMAL
 MARKER
 Δ
 MARKER
 AMPTD
 SELECT
 1 2 3 4
 MARKERS
 OFF

More
 1 of 2

START 10 MHz STOP 2.500 GHz
 #RES BW 1.0 MHz #VBW 1 MHz SWP 49.8 msec

0717

FCC ID-A3LSCH2510 CON SPURS

MKR 6.595 GHz

hp REF 25.0 dBm ATTN 40 dB

-31.40 dBm

10 dB/

POS PK

OFFSET

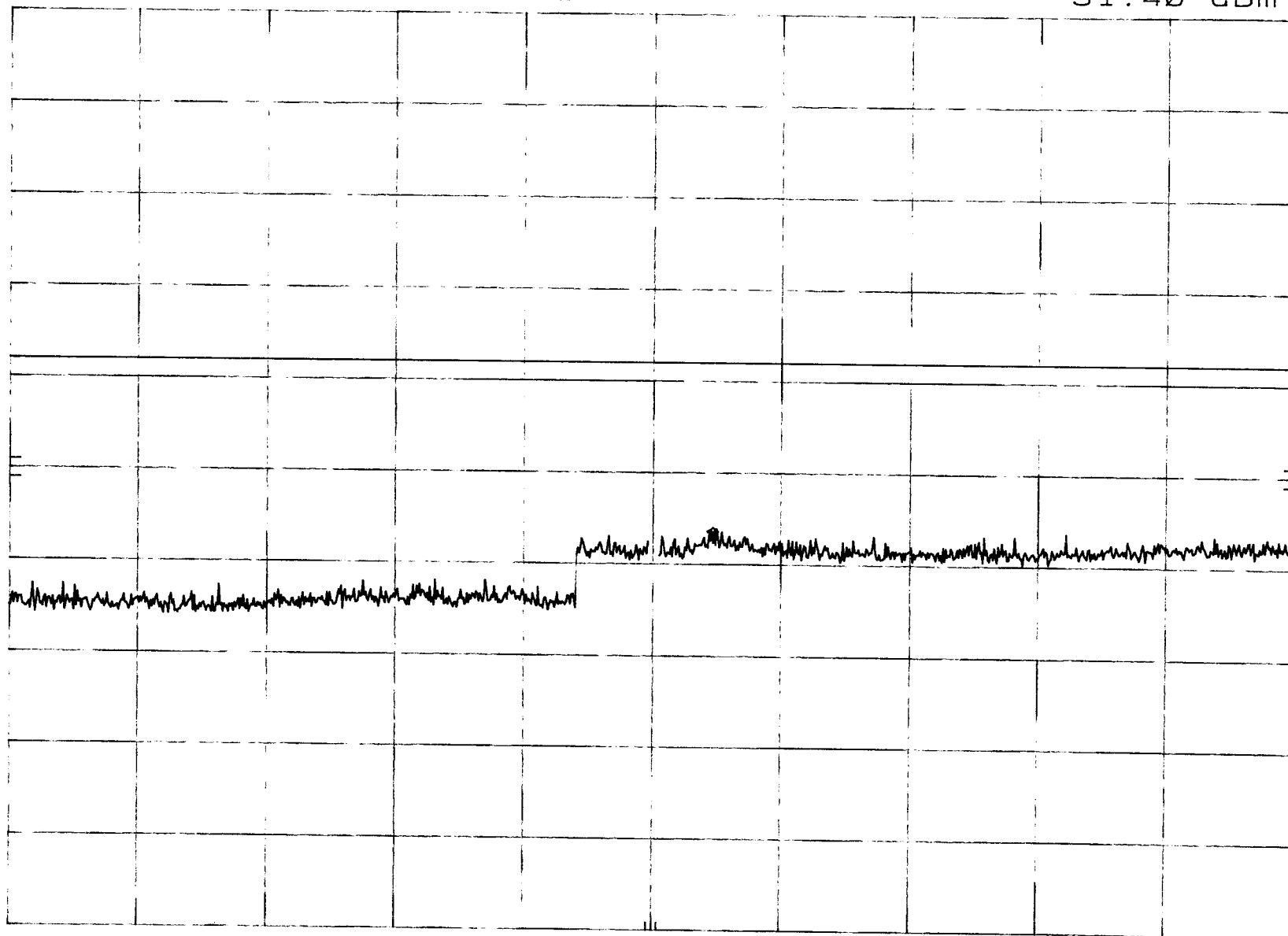
1.0

dB

DL

-13.0

dBm



START 2.50 GHz

RES BW 1 MHz

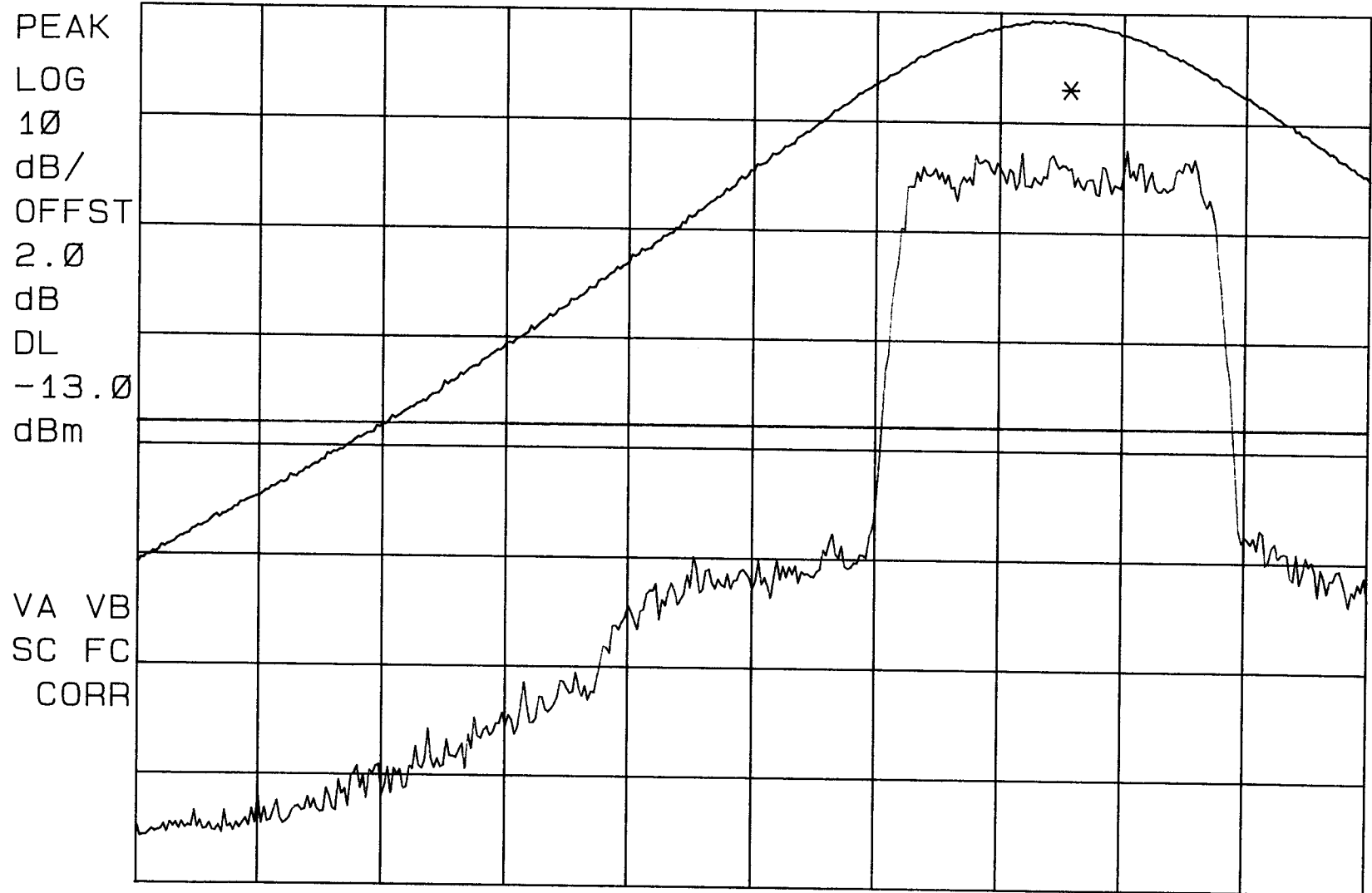
VBW 1 MHz

STOP 10.00 GHz

SWP 188 msec

~~/P~~ FCC ID: A3LSCH2510 PCS CH-0025 BAND EDGE

REF 25.0 dBm ATTN 40 dB



CENTER 1.850000 GHz

#RES BW 30 kHz

#VBW 30 kHz

SPAN 5.000 MHz

SWP 20 msec

$\hbar$ A3LSCH2510 CH -0600 99% PWR BW

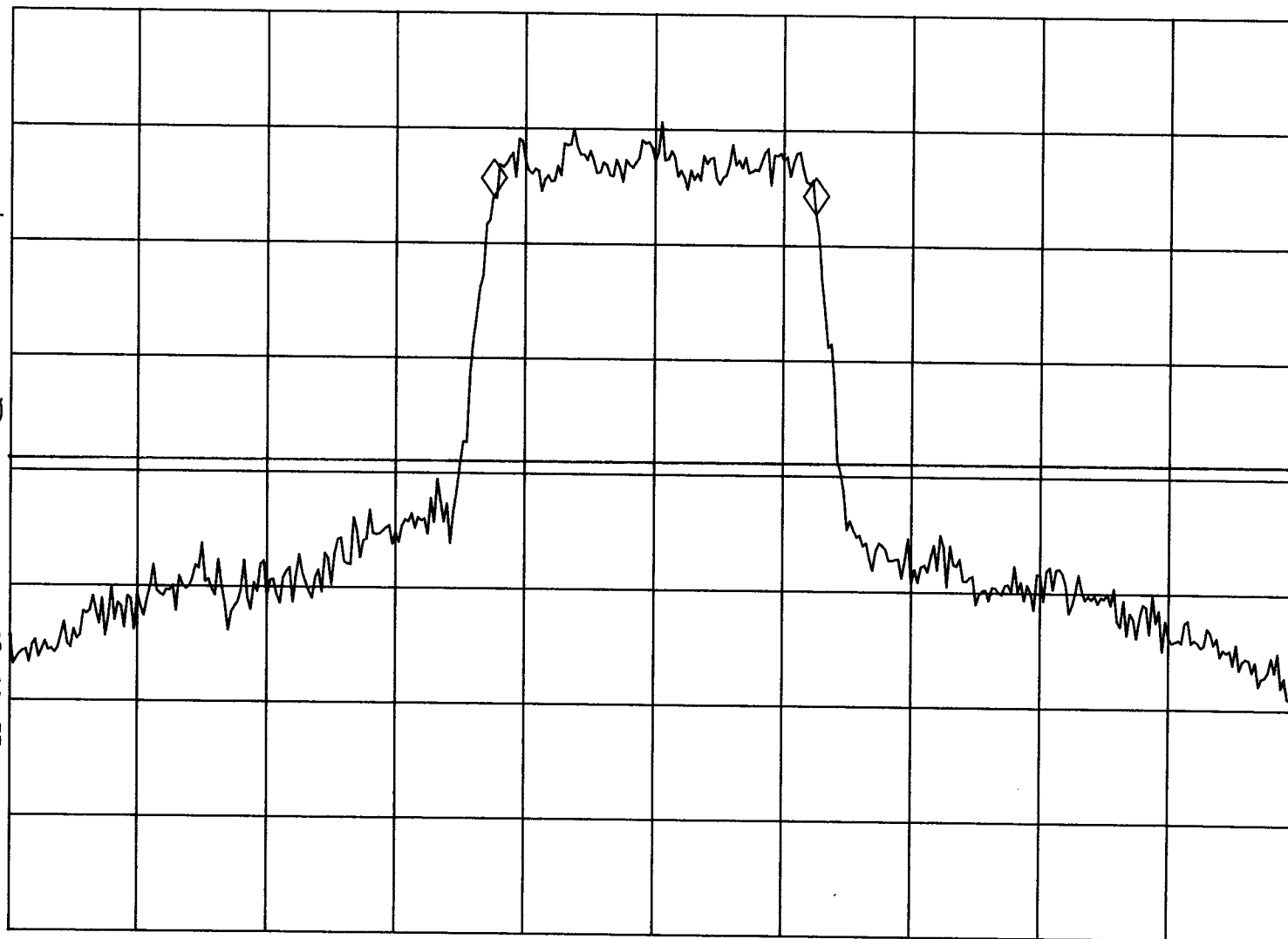
REF 26.0 dBm ATTN 40 dB

MKR Δ 1.250 MHz

-1.36 dB

PEAK
LOG
10
dB/
OFFST
2.0
dB
DL
-13.0
dBm

VA SB
SC FC
CORR



CENTER 1.880000 GHz

#RES BW 30 kHz

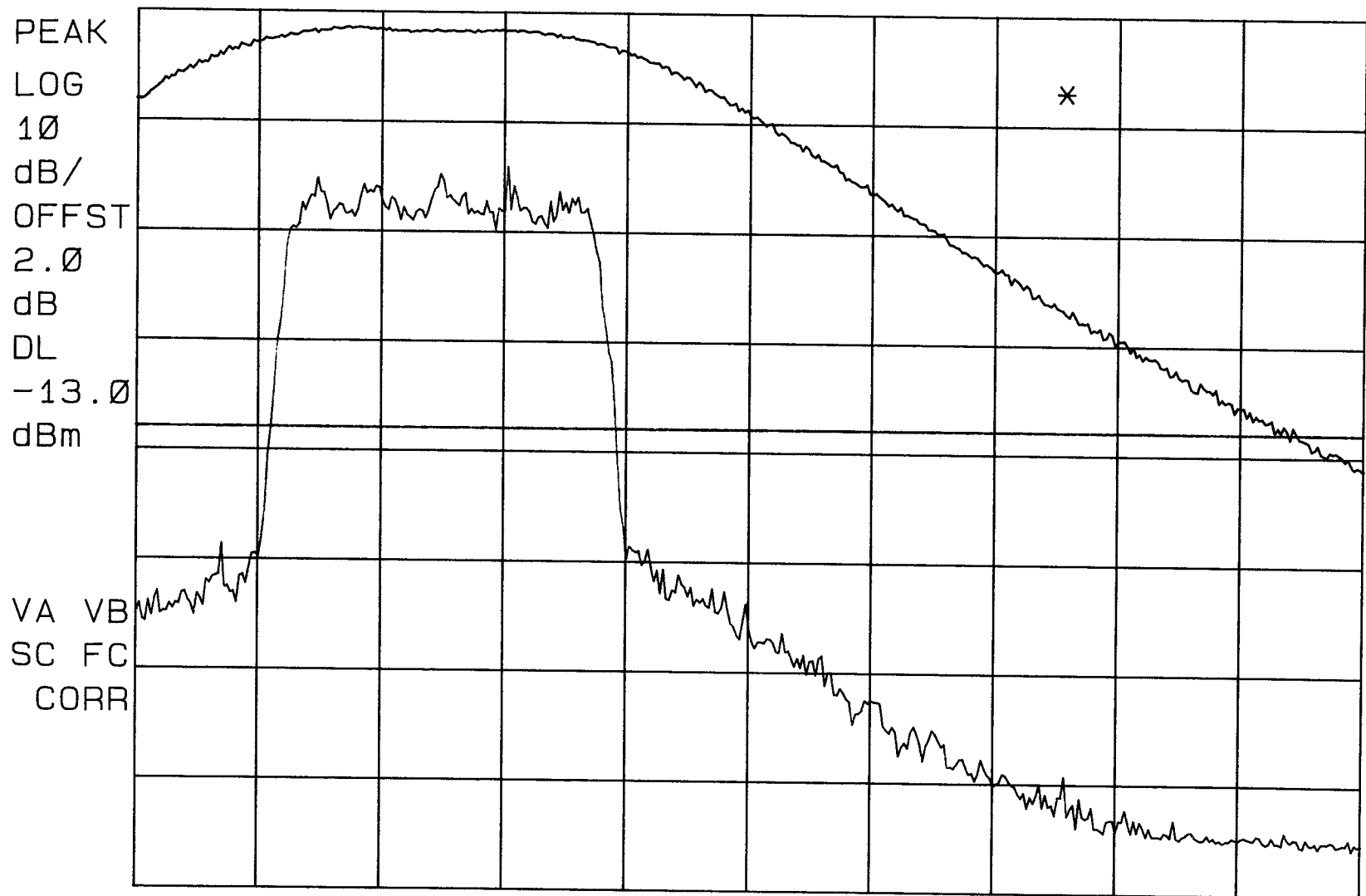
#VBW 30 kHz

SPAN 5.000 MHz

SWP 20 msec

~~HP~~ FCC ID: A3LSCH2510 PCS CH-1175 BAND EDGE

REF 25.0 dBm ATTEN 40 dB



CENTER 1.910000 GHz

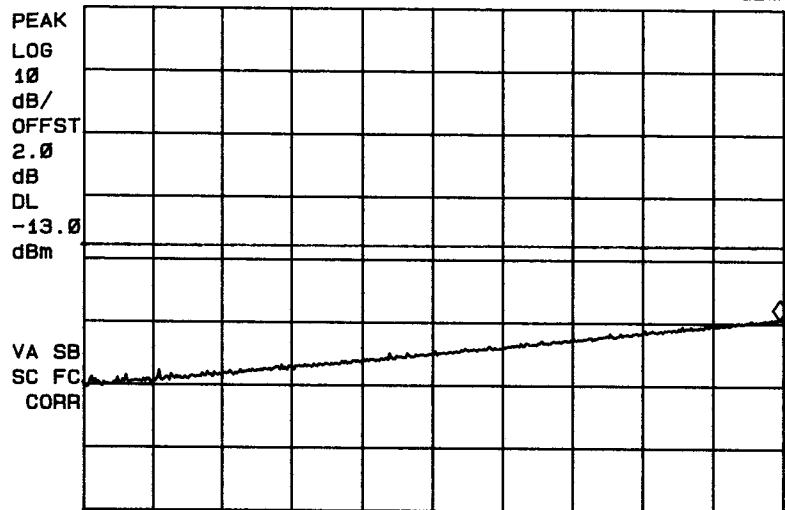
#RES BW 30 kHz

#VBW 30 kHz

SPAN 5.000 MHz

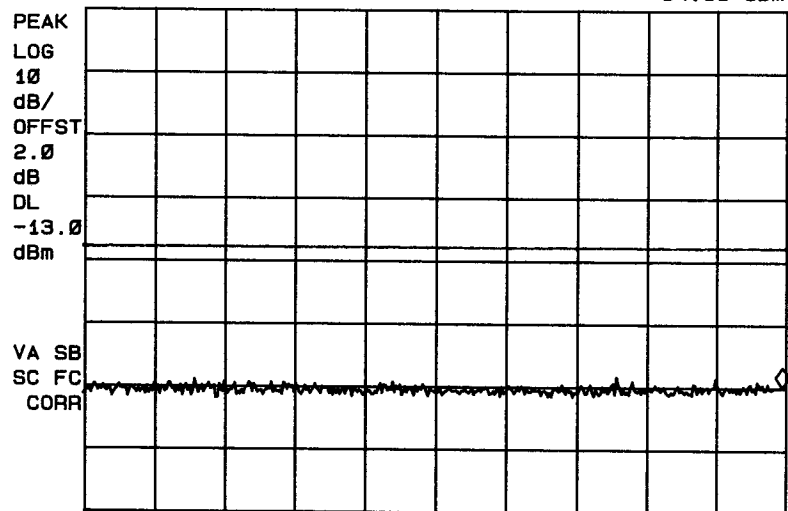
SWP 20 msec

A3LSCH2510 CH 0025 BAND EDGE PCS MODEMKR 1.847495 GHz
 REF 25.0 dBm ATTEN 40 dB -24.36 dBm



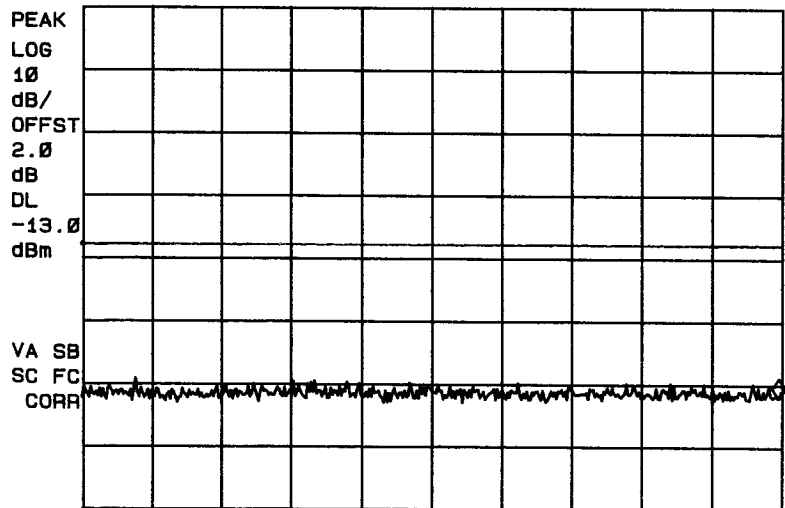
START 1.846500 GHz STOP 1.847500 GHz
 #RES BW 1.0 MHz #VBW 1 MHz SWP 20 msec

A3LSCH2510 CH 0025 BAND EDGE PCS MODEMKR 1.846495 GHz
 REF 25.0 dBm ATTEN 40 dB -34.83 dBm



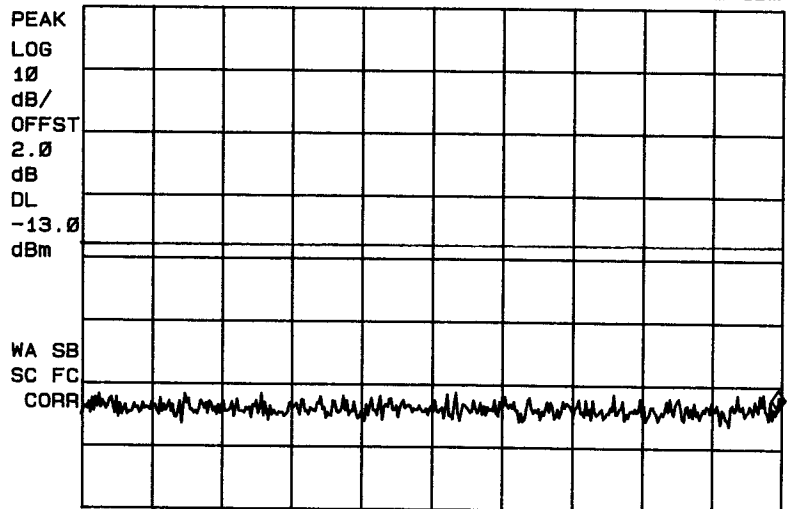
START 1.845500 GHz STOP 1.846500 GHz
 #RES BW 1.0 MHz #VBW 1 MHz SWP 20 msec

A3LSCH2510 CH 0025 BAND EDGE PCS MODEMKR 1.845495 GHz
 REF 25.0 dBm ATTEN 40 dB -37.05 dBm



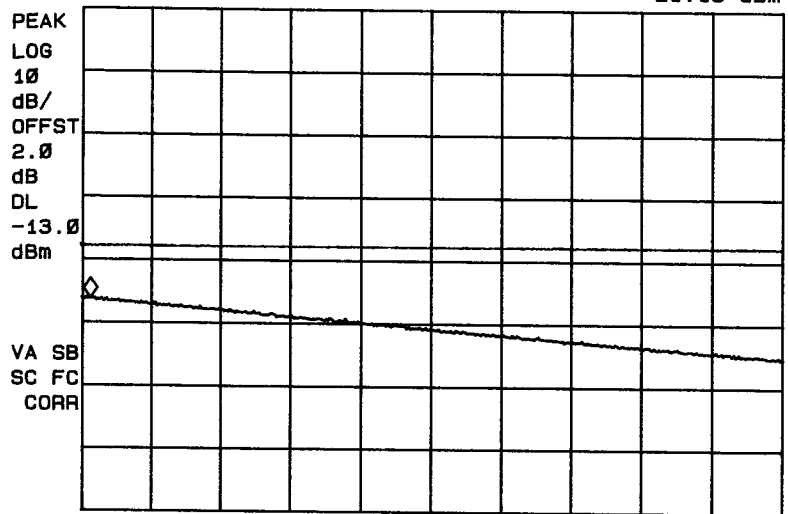
START 1.844500 GHz STOP 1.845500 GHz
 #RES BW 1.0 MHz #VBW 1 MHz SWP 20 msec

A3LSCH2510 CH 0025 BAND EDGE PCS MODEMKR 1.844495 GHz
 REF 25.0 dBm ATTEN 40 dB -38.62 dBm



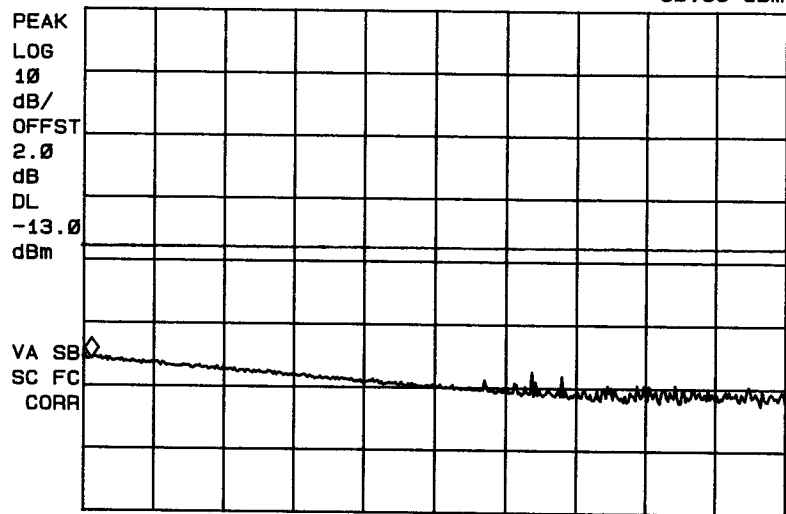
START 1.843500 GHz STOP 1.844500 GHz
 #RES BW 1.0 MHz #VBW 1 MHz SWP 20 msec

A3LSCH2510 CH 1175 PCS BAND EDGE MKR 1.912513 GHz
 REF 25.0 dBm ATTEN 40 dB -21.19 dBm



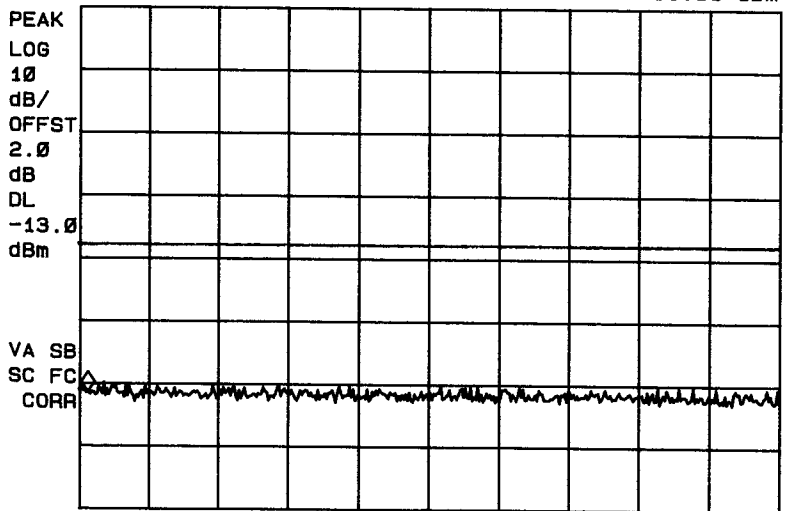
START 1.912500 GHz STOP 1.913500 GHz
 #RES BW 1.0 MHz #VBW 1 MHz SWP 20 msec

A3LSCH2510 CH 1175 PCS BAND EDGE MKR 1.913513 GHz
 REF 25.0 dBm ATTEN 40 dB -30.66 dBm



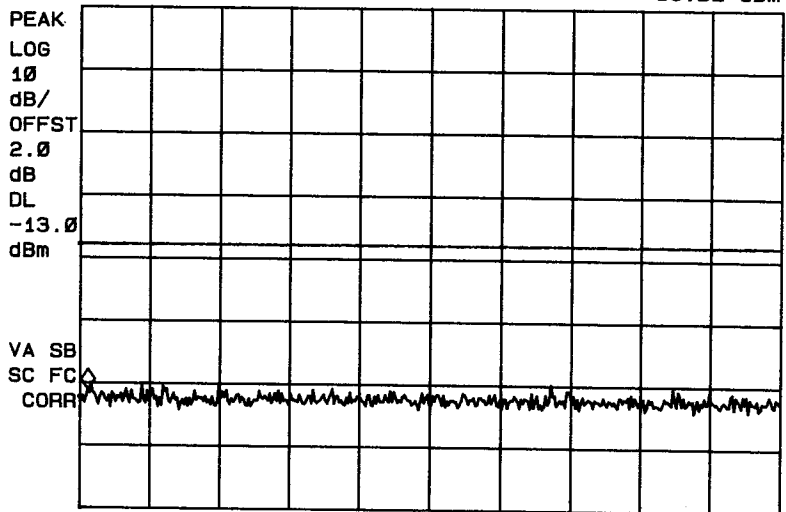
START 1.913500 GHz STOP 1.914500 GHz
 #RES BW 1.0 MHz #VBW 1 MHz SWP 20 msec

A3LSCH2510 CH 1175 PCS BAND EDGE MKR 1.914513 GHz
 REF 25.0 dBm ATTEN 40 dB -36.31 dBm



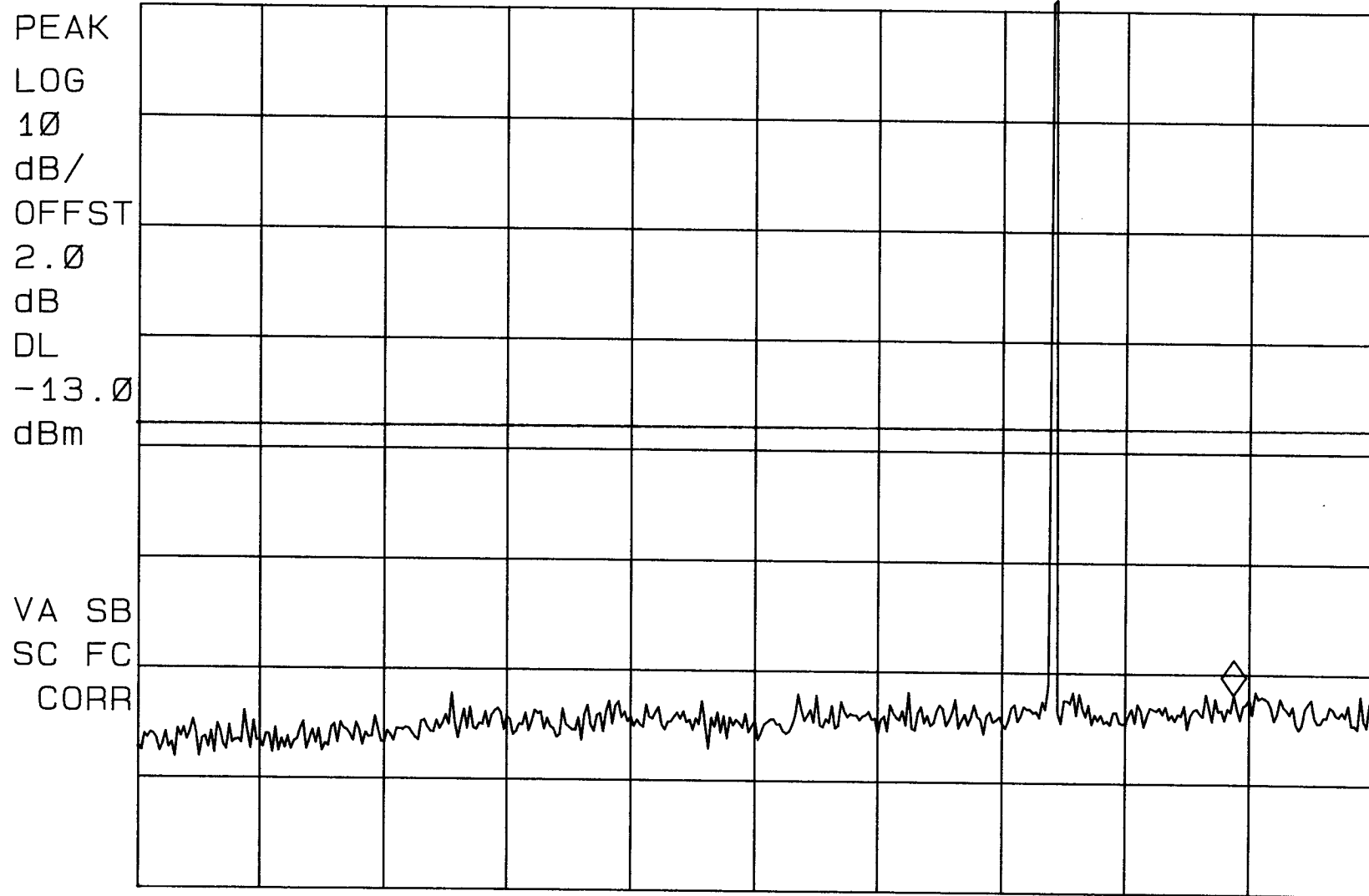
START 1.914500 GHz STOP 1.915500 GHz
 #RES BW 1.0 MHz #VBW 1 MHz SWP 20 msec

A3LSCH2510 CH 1175 PCS BAND EDGE MKR 1.915513 GHz
 REF 25.0 dBm ATTEN 40 dB -36.02 dBm



START 1.915500 GHz STOP 1.916500 GHz
 #RES BW 1.0 MHz #VBW 1 MHz SWP 20 msec

~~/P~~ A3LSCH2510 CH 0025 CON SPURS PCS MODE MKR 2.220 GHz
REF 25.0 dBm ATTEN 40 dB -36.85 dBm



START 10 MHz

#RES BW 1.0 MHz

#VBW 1 MHz

STOP 2.500 GHz

SWP 50 msec

C-0025

FCC ID-A3LSCH2510 CON SPURS

MKR 9.993 GHz

hp REF 25.0 dBm ATTN 40 dB

-30.40 dBm

10 dB/

POS PK

OFFSET

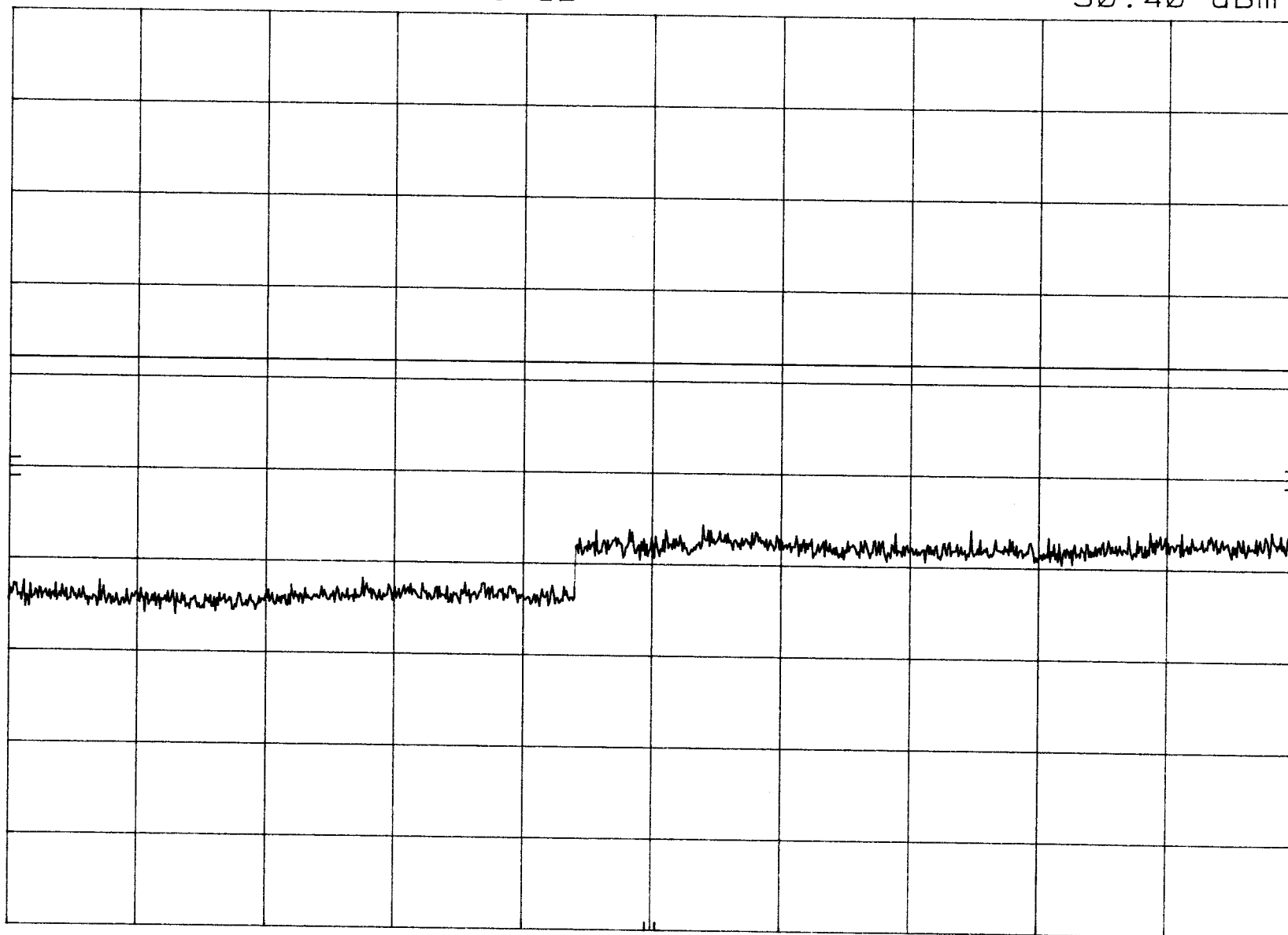
2.0

dB

DL

-13.0

dBm



START 2.50 GHz

RES BW 1 MHz

VBW 1 MHz

STOP 10.00 GHz

SWP 188 msec

C 0025

FCC ID-A3LSCH2510 CON SPURS

MKR 19.75 GHz

hp REF 25.0 dBm ATTN 40 dB

-17.70 dBm

10 dB/

POS PK

OFFSET

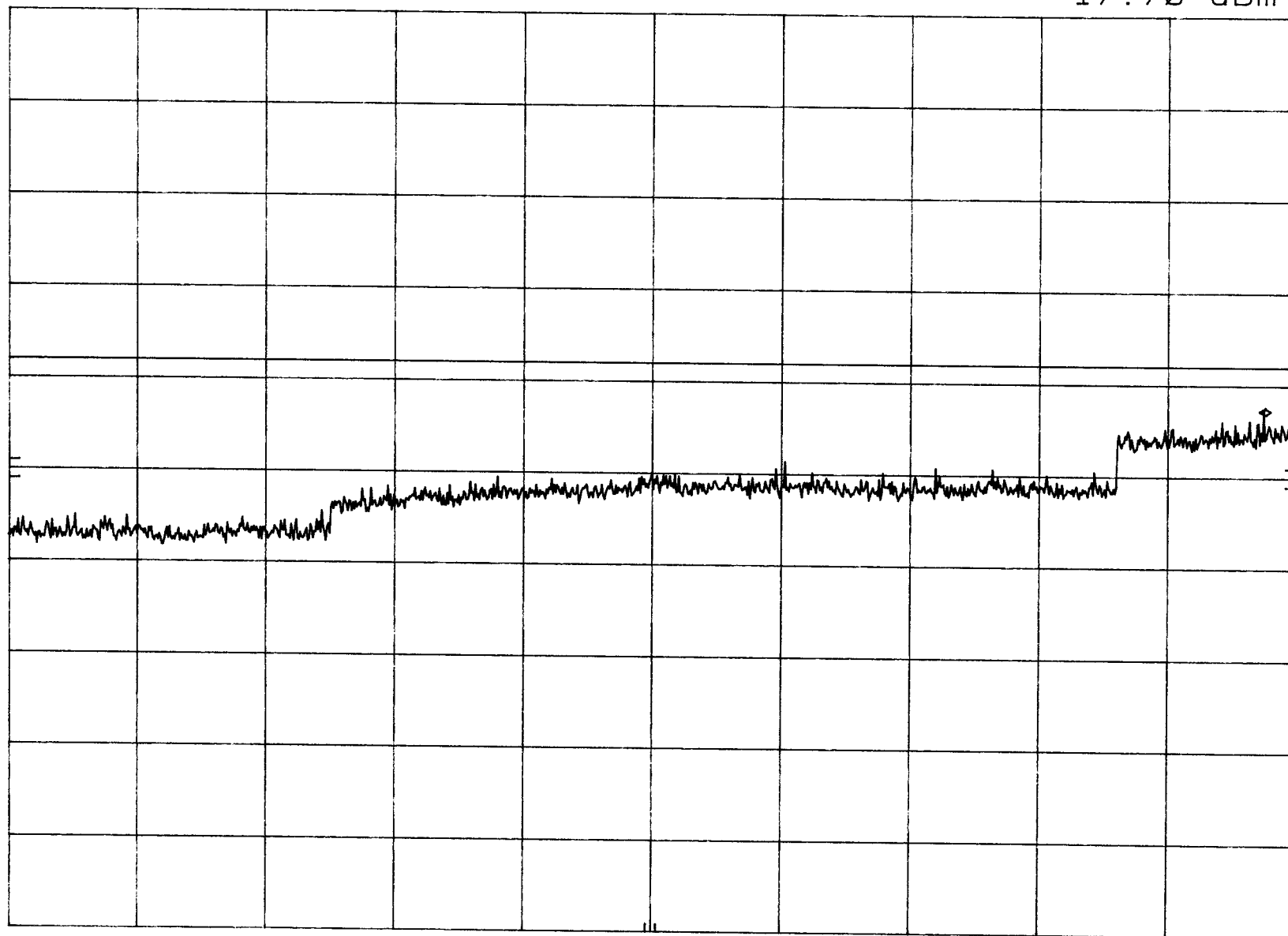
2.0

dB

DL

-13.0

dBm



START 10.0 GHz

RES BW 1 MHz

VBW 1 MHz

STOP 20.0 GHz

SWP 250 msec

0600

FCC ID-A3LSCH2510 CON SPURS

MKR 9.955 GHz

hp REF 25.0 dBm ATTN 40 dB

-29.90 dBm

10 dB/

POS PK

OFFSET

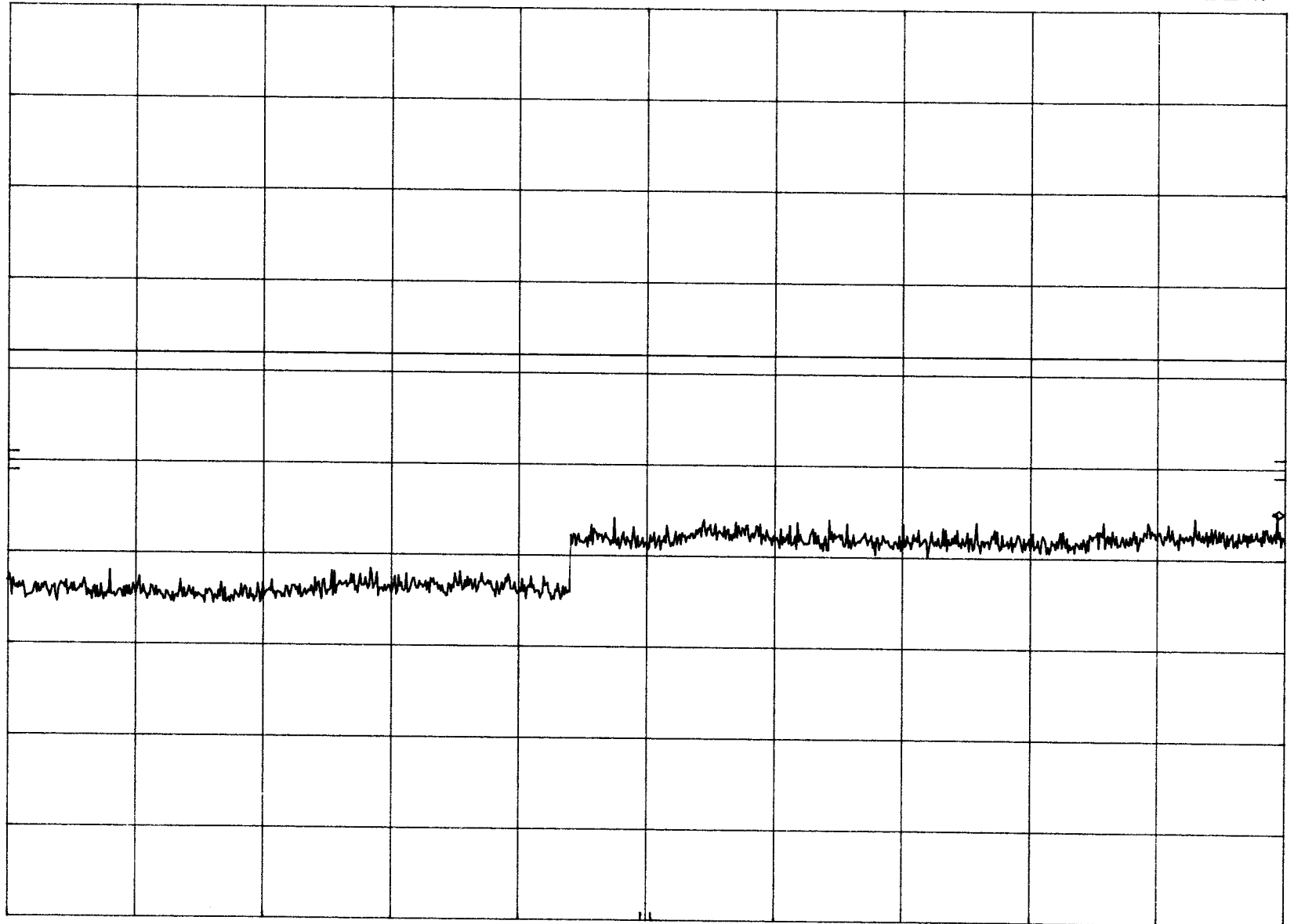
2.0

dB

DL

-13.0

dBm



START 2.50 GHz

RES BW 1 MHz

VBW 1 MHz

STOP 10.00 GHz

SWP 188 msec

6600

FCC ID-A3LSCH2510 CON SPURS

MKR 19.91 GHz

hp REF 25.0 dBm ATTN 40 dB

-18.00 dBm

10 dB/

POS PK

OFFSET

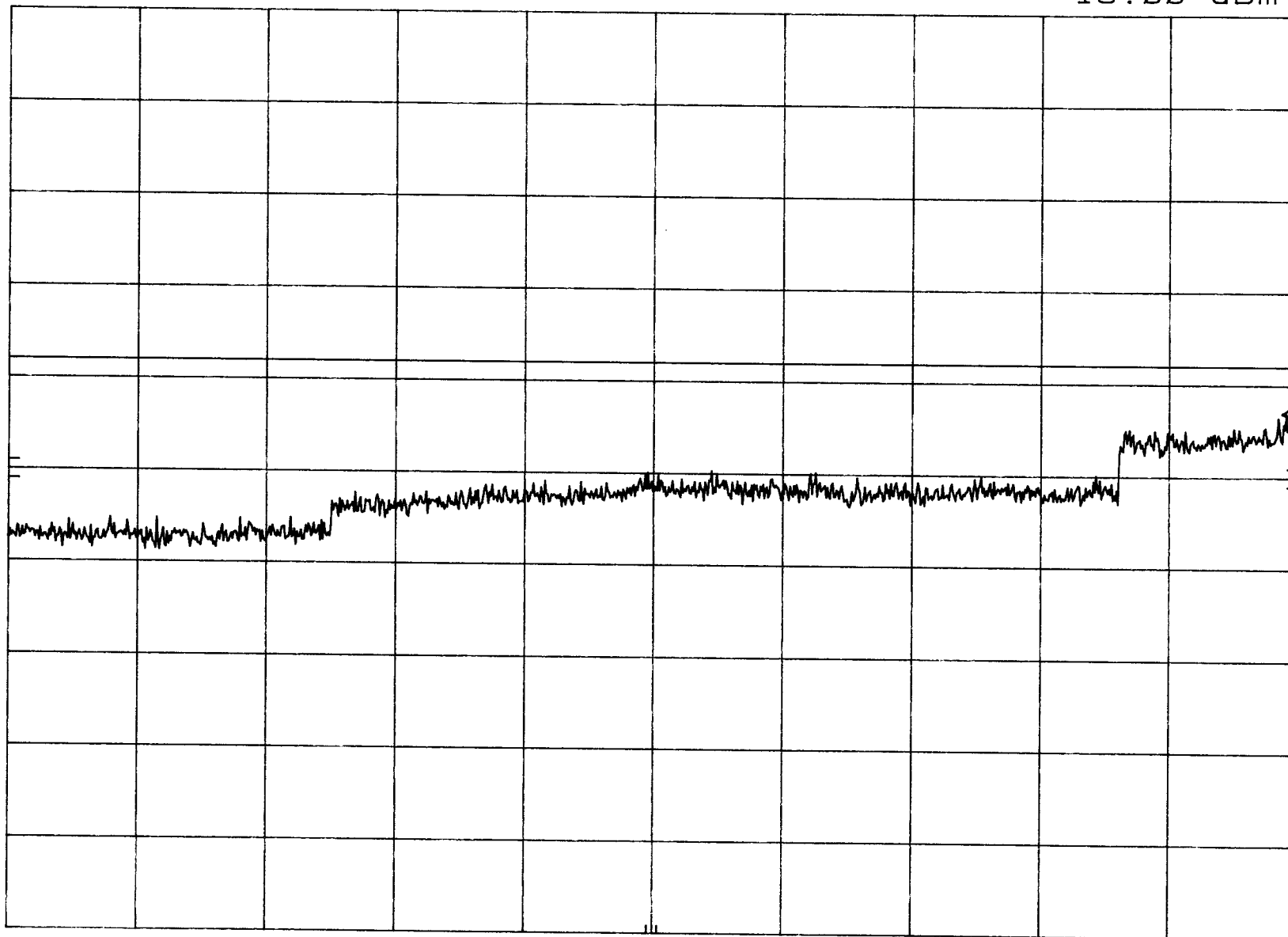
2.0

dB

DL

-13.0

dBm



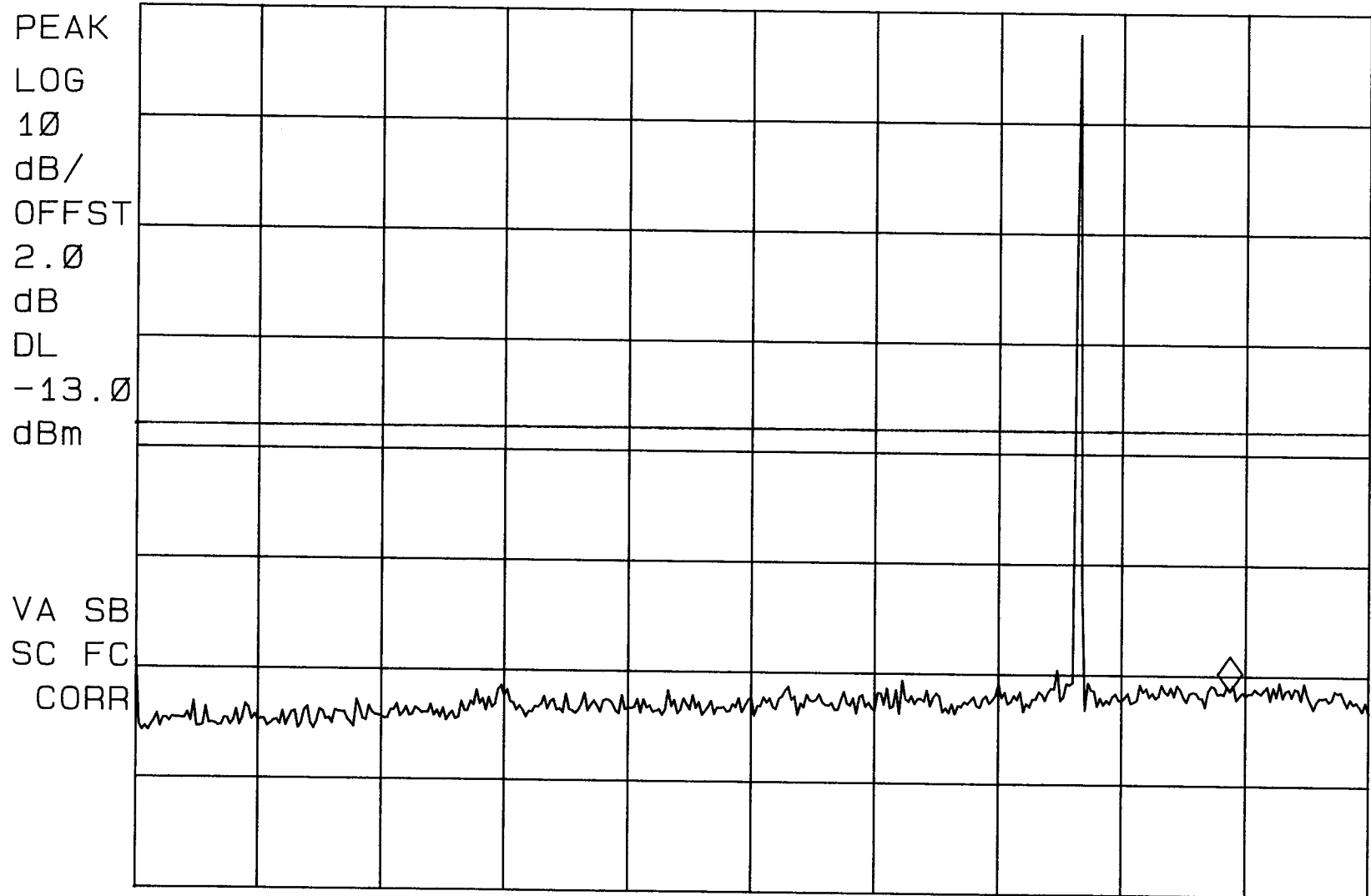
START 10.0 GHz

RES BW 1 MHz

VBW 1 MHz

STOP 20.0 GHz
SWP 250 msec

~~/P~~ A3LSCH2510 CH 1175 CON SPURS PCS MODE MKR 2.220 GHz
REF 25.0 dBm ATTEN 40 dB -36.36 dBm



START 10 MHz STOP 2.500 GHz
#RES BW 1.0 MHz #VBW 1 MHz SWP 50 msec

C1175

FCC ID-A3LSCH2510 CON SPURS

MKR 8.838 GHz

hp REF 25.0 dBm ATTN 40 dB

-30.40 dBm

10 dB/

POS PK

OFFSET

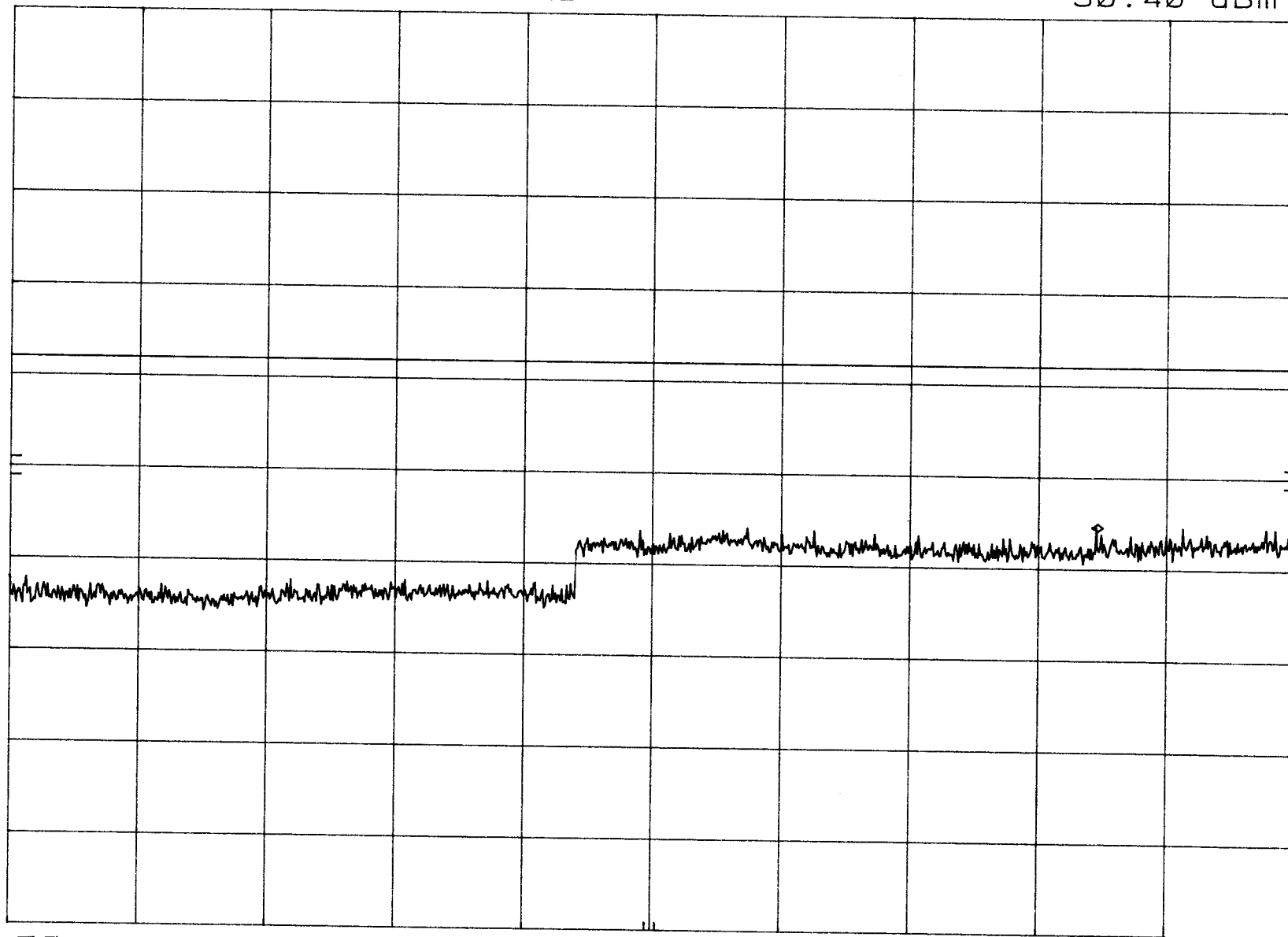
2.0

dB

DL

-13.0

dBm



START 2.50 GHz

RES BW 1 MHz

VBW 1 MHz

STOP 10.00 GHz

SWP 188 msec

C 1175

FCC ID-A3LSCH2510 CON SPURS

MKR 20.00 GHz

hp REF 25.0 dBm ATTN 40 dB

-18.40 dBm

10 dB/

POS PK

OFFSET

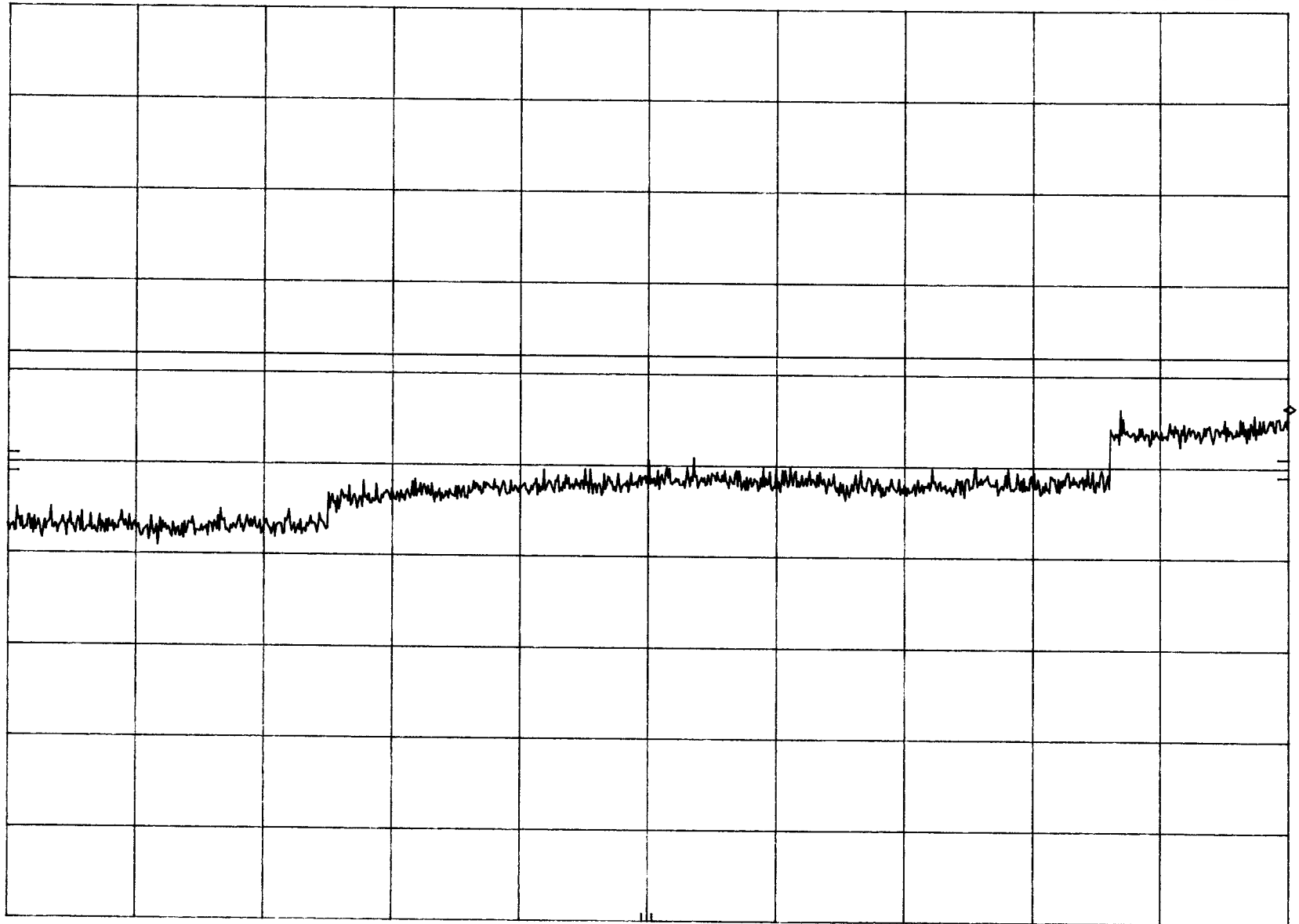
2.0

dB

DL

-13.0

dBm



START 10.0 GHz

RES BW 1 MHz

VBW 1 MHz

STOP 20.0 GHz

SWP 250 msec