

# PCTEST Engineering Lab.

## SPECTRUM ANALYZER PRESENTATION

FCC ID:FFMLGC330W

LGIC DUAL MODE PHONE

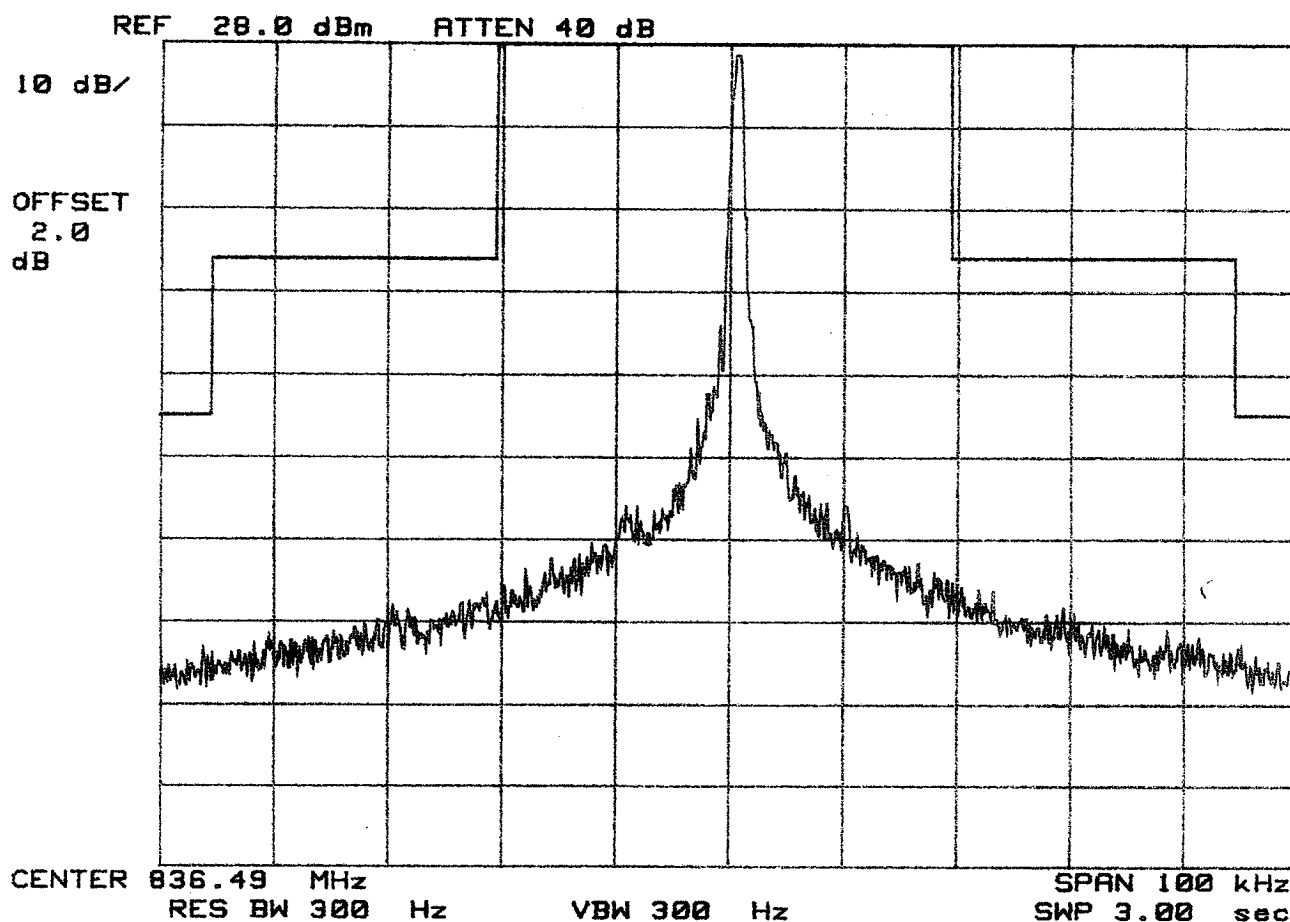
FM MODE

CH-383

Operating Frequency: 836.49 MHz

Output Power : 28.0 dBm

Test Mode:Unmodulated Signal



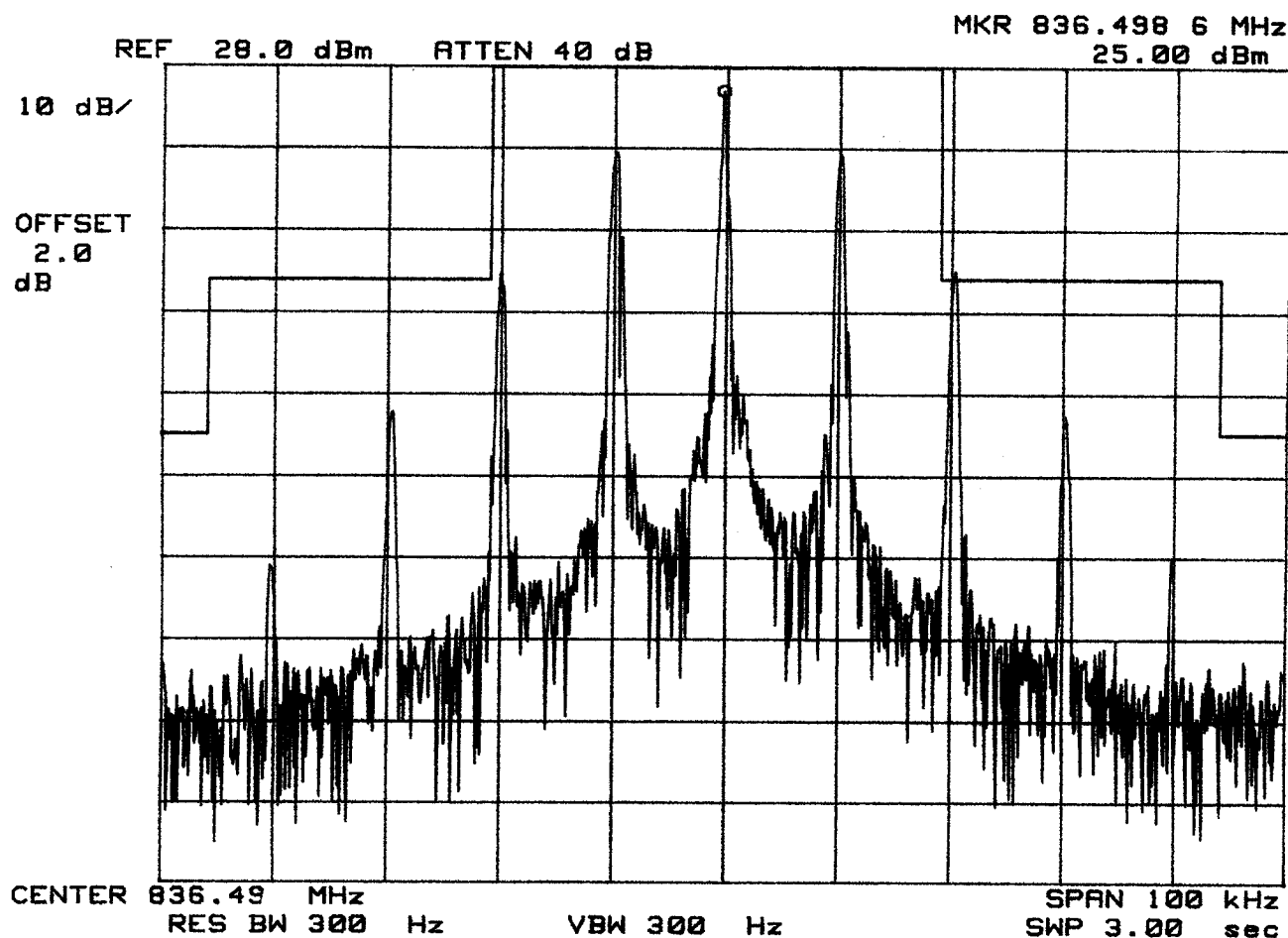
# PCTEST Engineering Lab.

## SPECTRUM ANALYZER PRESENTATION

FCC ID:FFMLGC330W  
LGIC DUAL MODE PHONE  
FM MODE  
CH-383

Operating Frequency: 836.49 MHz  
Output Power : 28.0 dBm

Test Mode:ST



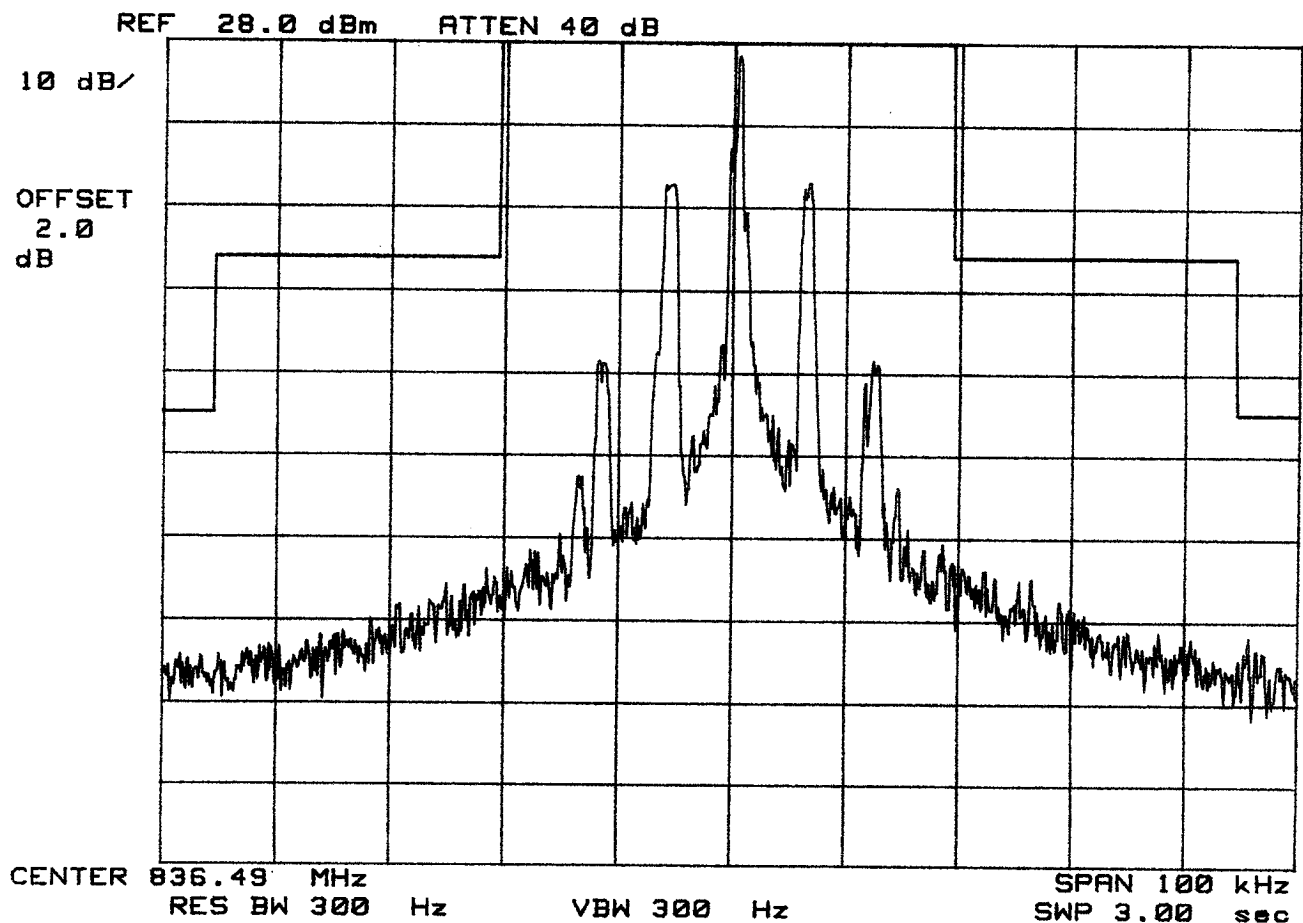
# PCTEST Engineering Lab.

## SPECTRUM ANALYZER PRESENTATION

FCC ID:FFMLGC330W  
LGIC DUAL MODE PHONE  
FM MODE  
CH-383

Operating Frequency: 836.49 MHz  
Output Power : 28.0 dBm

Test Mode:SAT



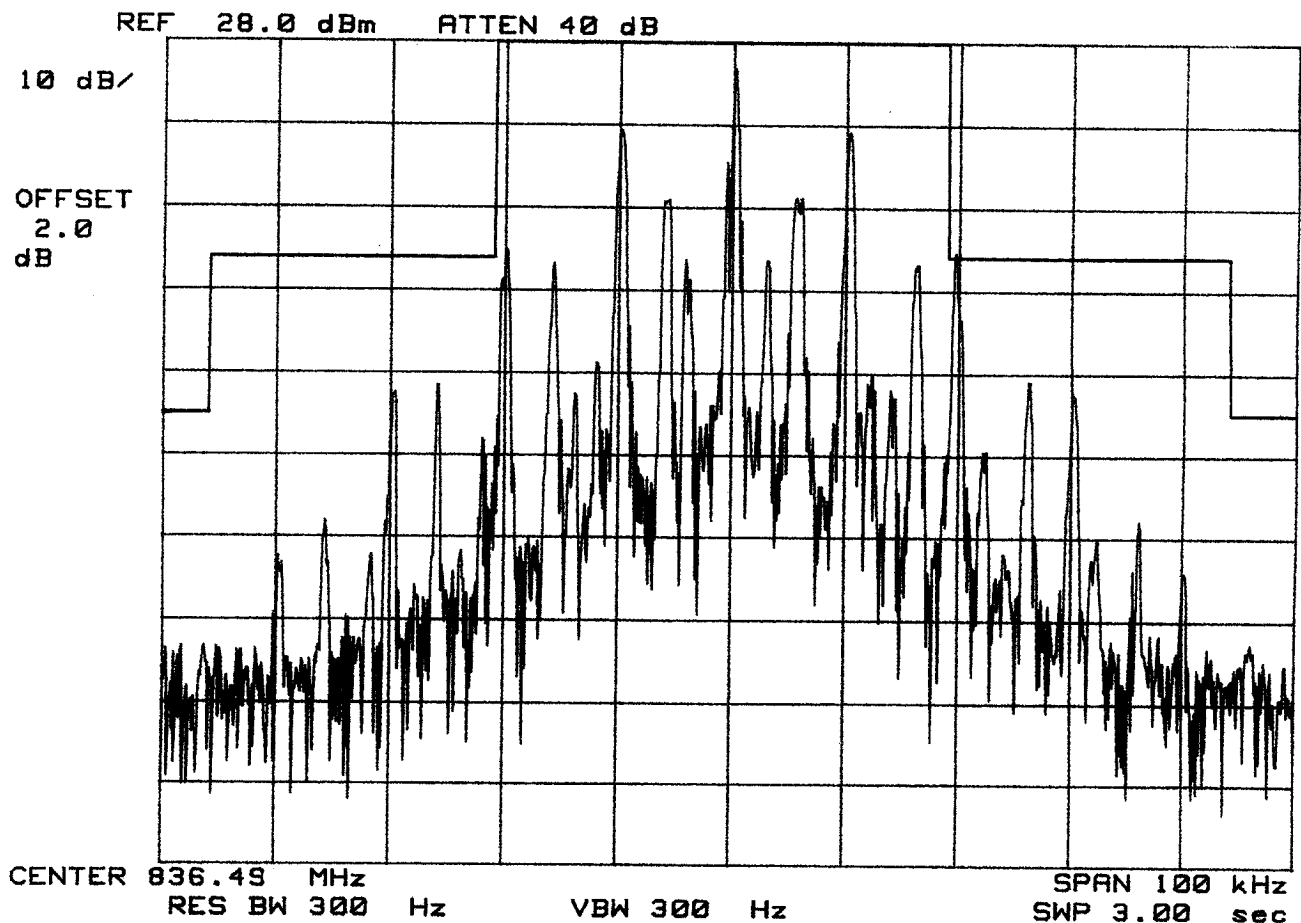
# PCTEST Engineering Lab.

## SPECTRUM ANALYZER PRESENTATION

FCC ID:FFMLGC330W  
LGIC DUAL MODE PHONE  
FM MODE  
CH-383

Operating Frequency: 836.49 MHz  
Output Power : 28.0 dBm

Test Mode:SAT + ST



# PCTEST Engineering Lab.

## SPECTRUM ANALYZER PRESENTATION

FCC ID:FFMLGC330W

LGIC DUAL MODE PHONE

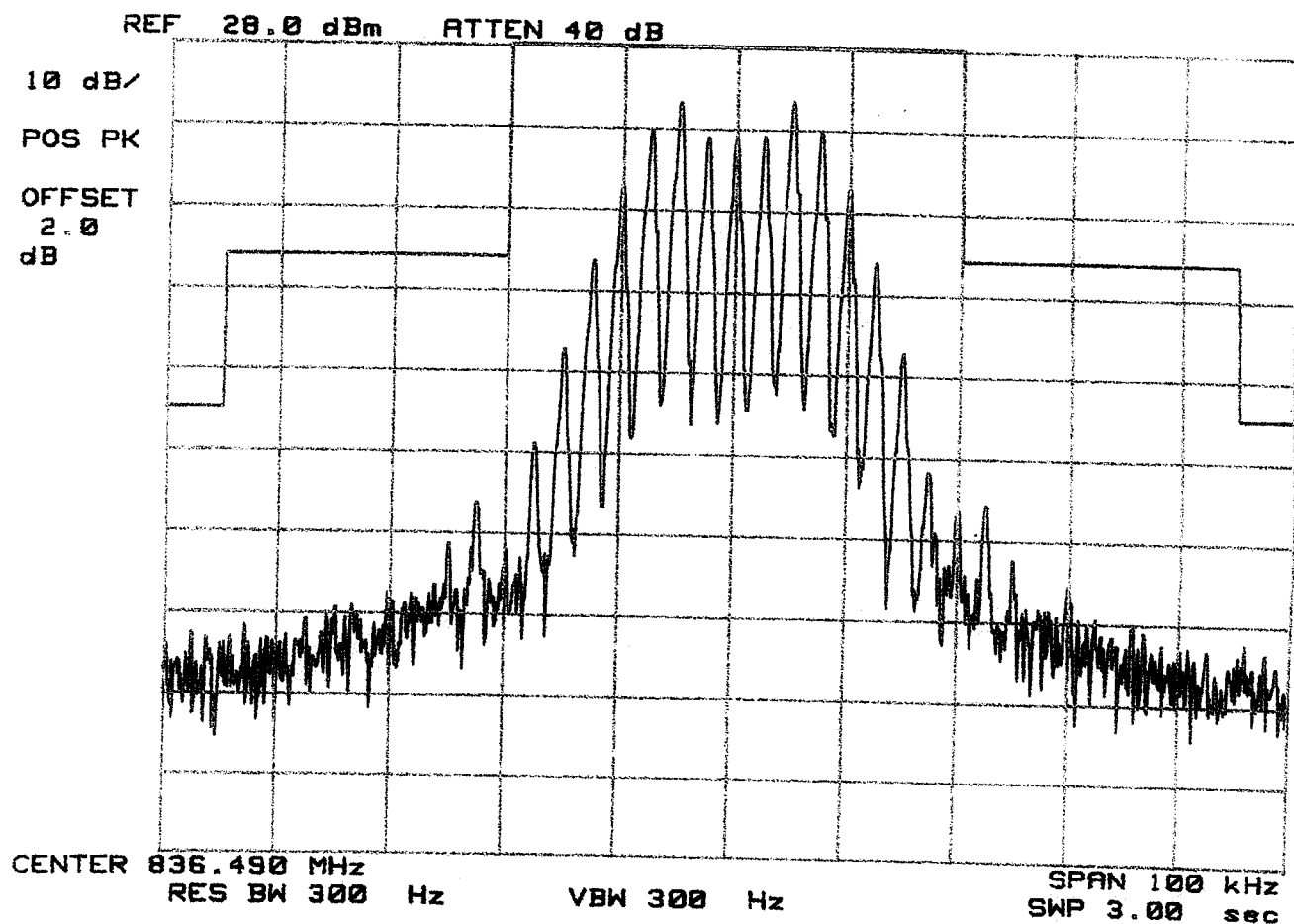
FM MODE

CH-383

Operating Frequency: 836.49 MHz

Output Power : 28.0 dBm

Test Mode:Voice



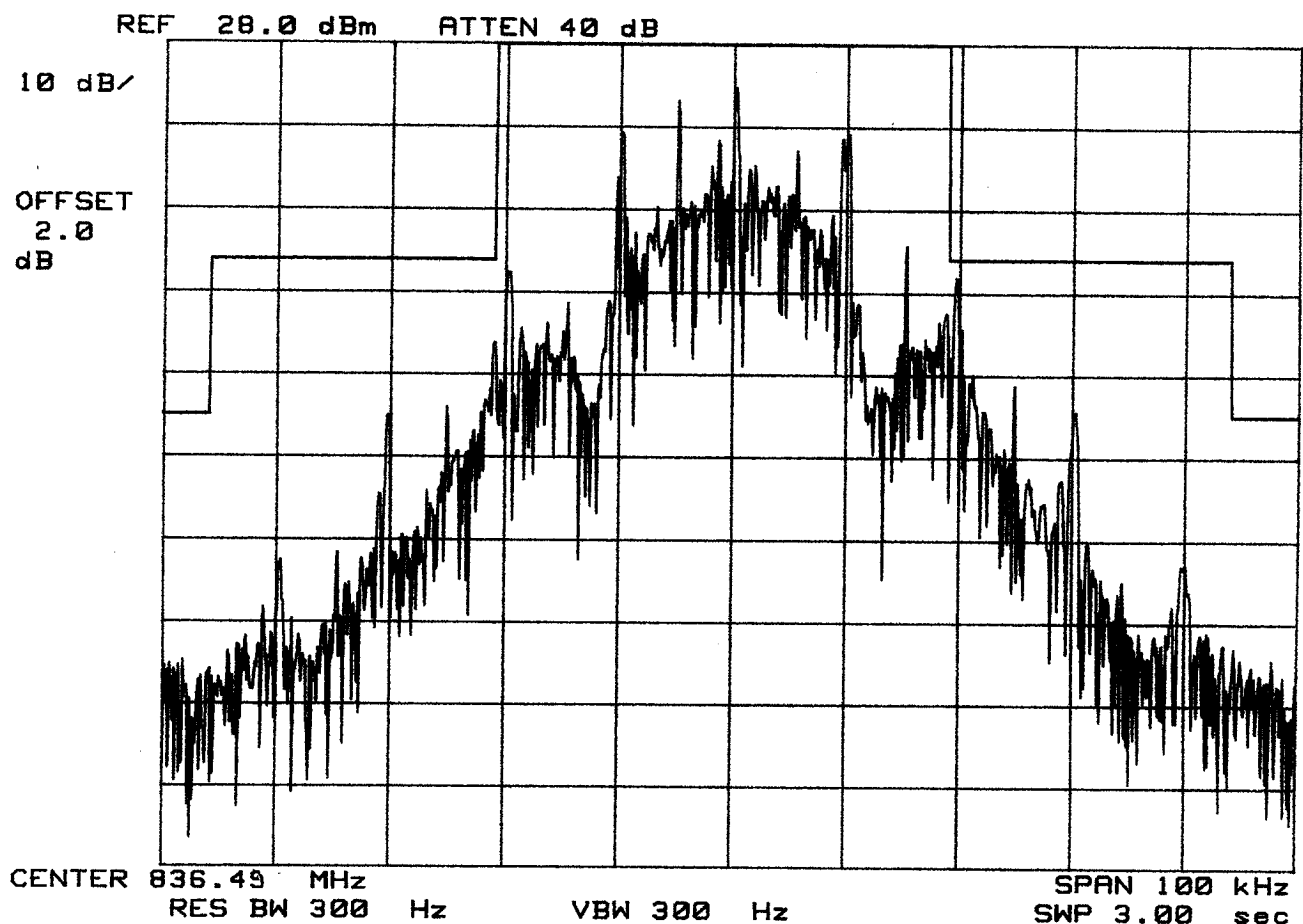
# PCTEST Engineering Lab.

## SPECTRUM ANALYZER PRESENTATION

FCC ID:FFMLGC330W  
LGIC DUAL MODE PHONE  
FM MODE  
CH-383

Operating Frequency: 836.49 MHz  
Output Power : 28.0 dBm

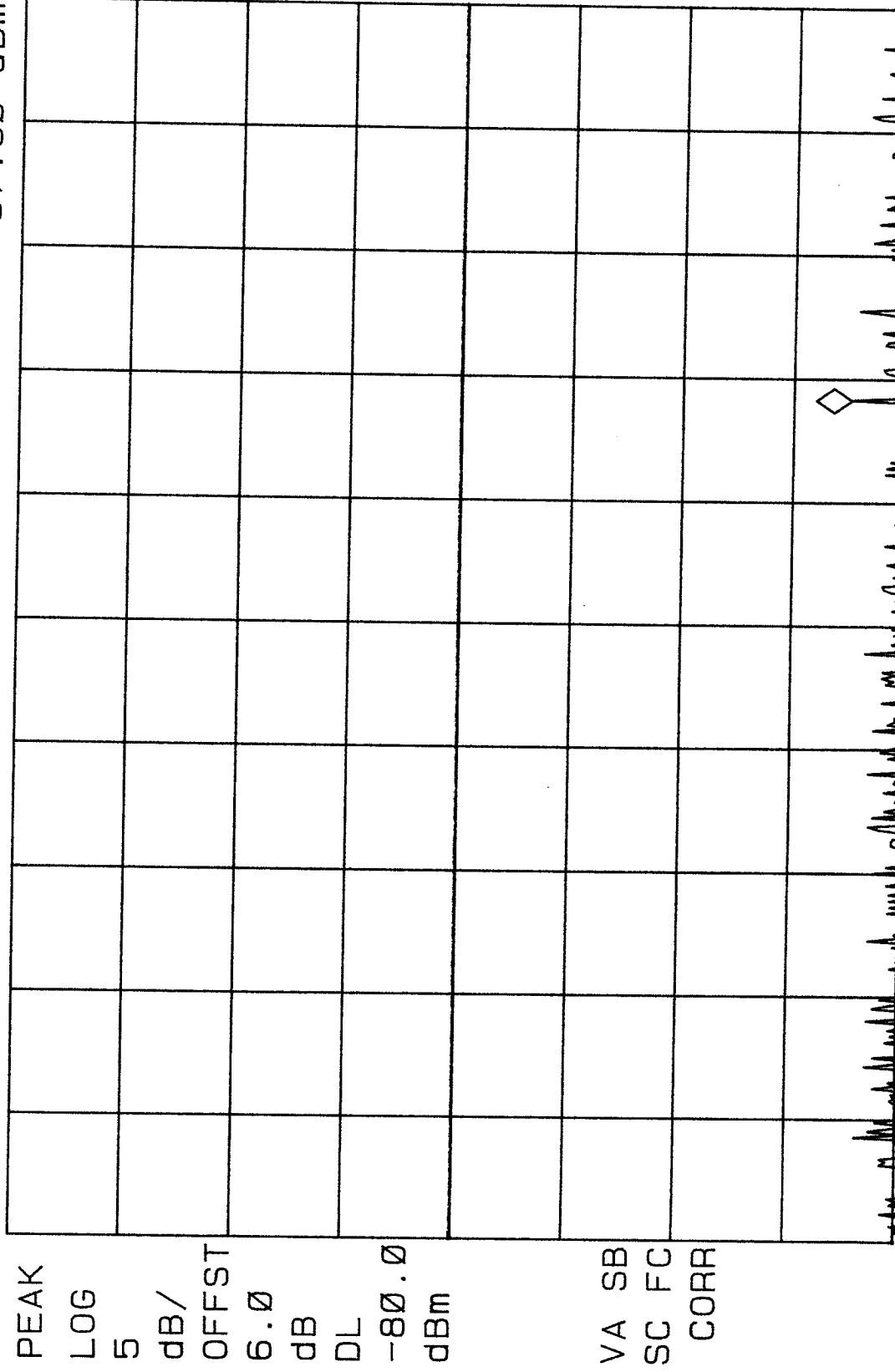
Test Mode:Wide Band Data



FCC ID: FFMLGC330W

MKR 886.06 MHz  
-97.60 dBm

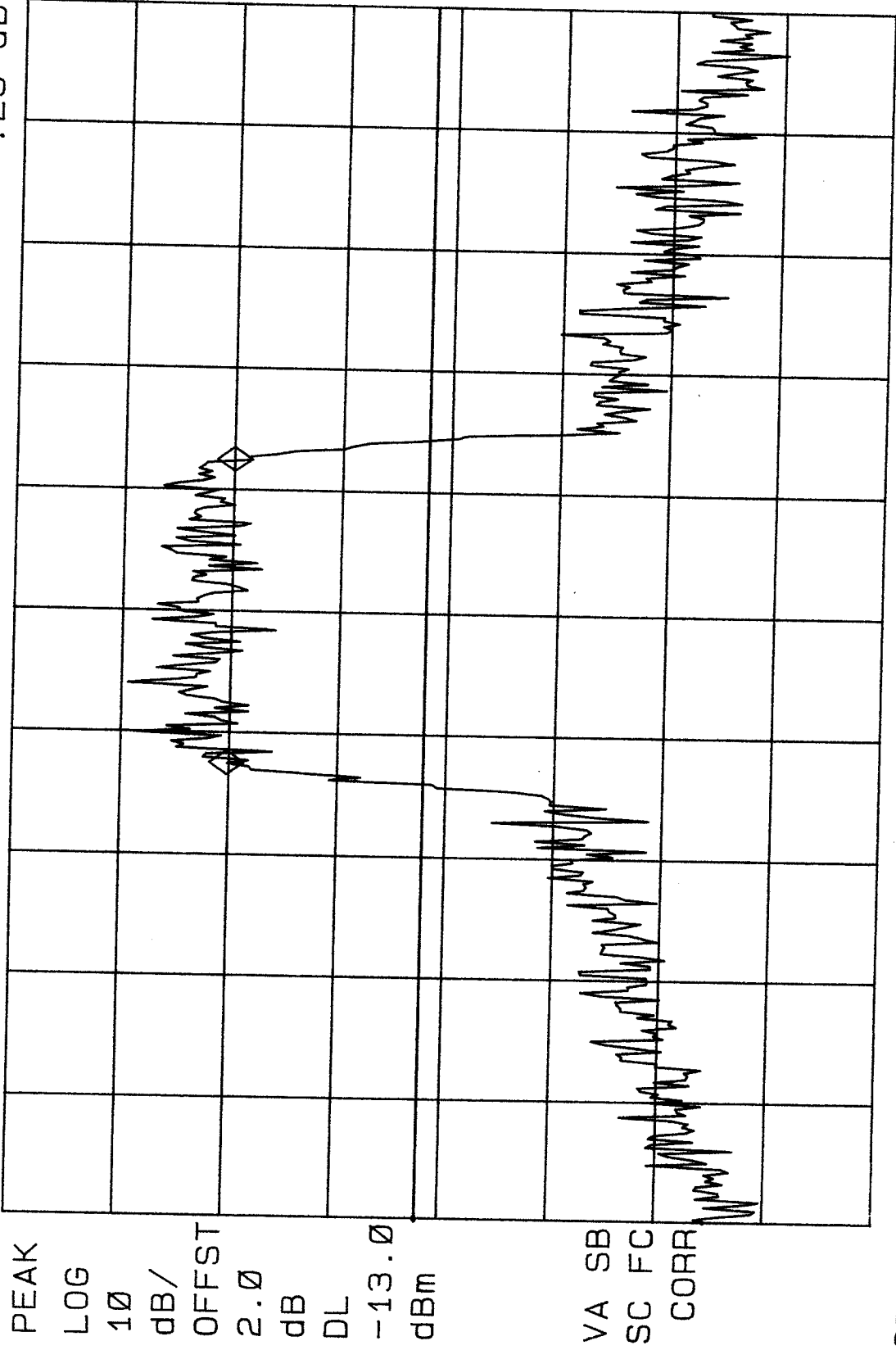
REF -60.0 dBm ATTN 10 dB PG 26.0 dB



#RES BW 100 KHZ #VBW 300 KHZ #SWP 100 msec

FCC ID: FFMLGC330W 99%Pwr BW  
REF 25.0 dBm ATTEN 40 dB

MKR  $\Delta$  1.250 MHz  
- .23 dB



CENTER 848.190 MHz  
RES BW 30 KHZ  
SPAN 5.000 MHz  
SWP 20 msec  
#VBW 30 KHZ

FCC ID-FFMLGC330W CDMA Ch.Mid

REF 25.0 dBm ATTN 40 dB + 20 dB

hp

10 dB/

POS PK

OFFSET

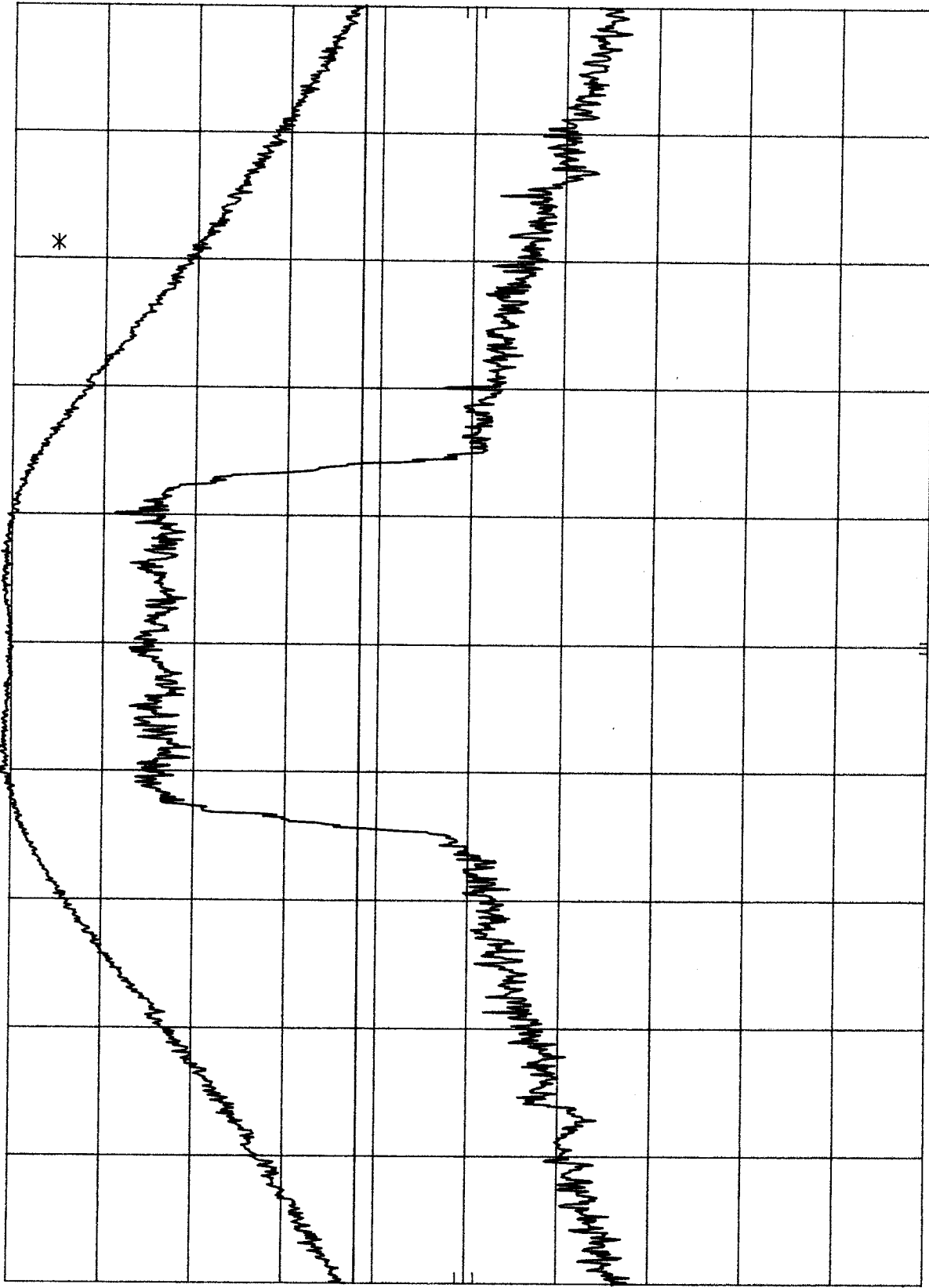
2.0

dB

DL

-13.0

dBm



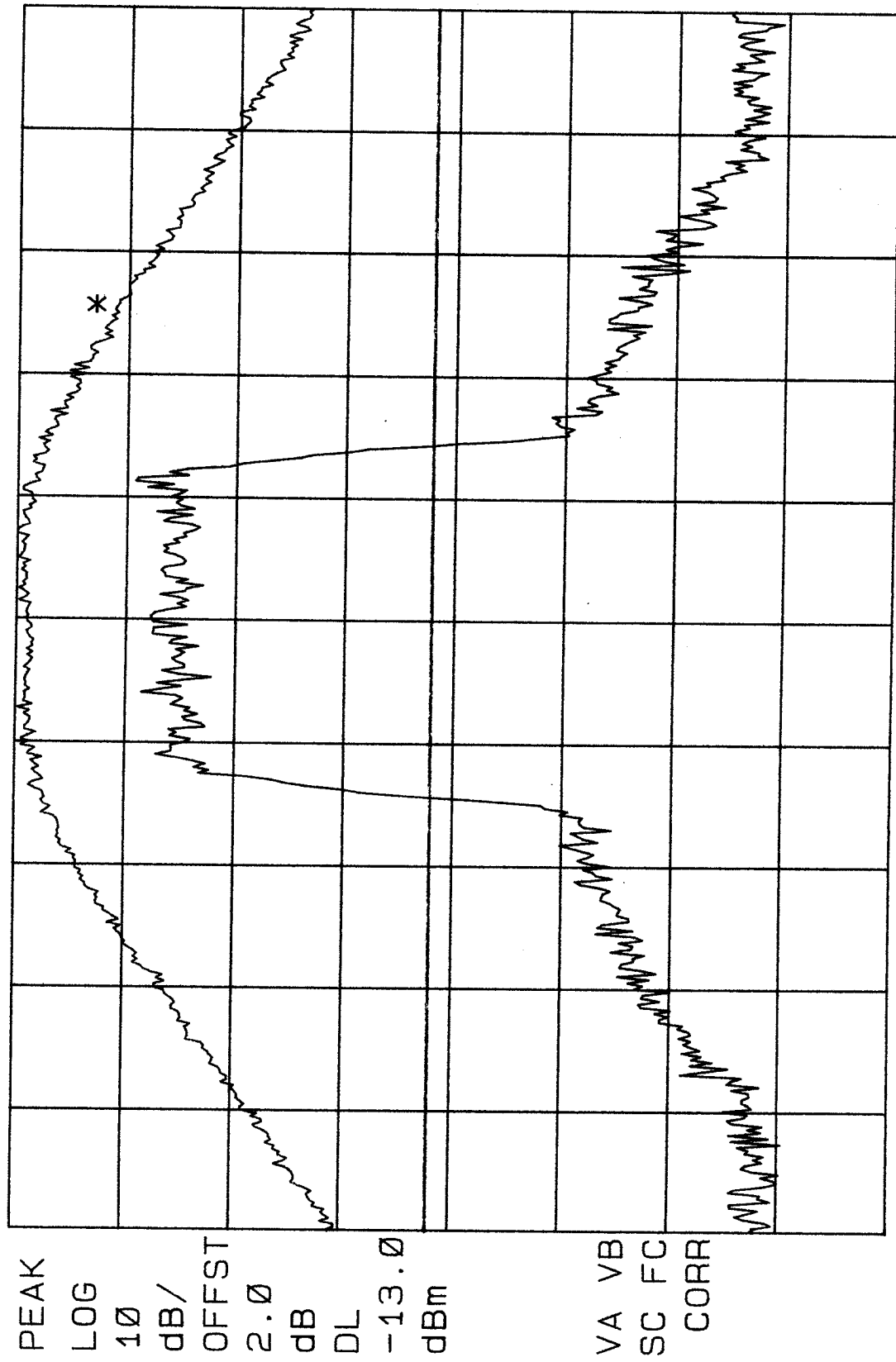
CENTER 836.49 MHz

RES BW 30 KHZ (i)

VBW 30 KHZ

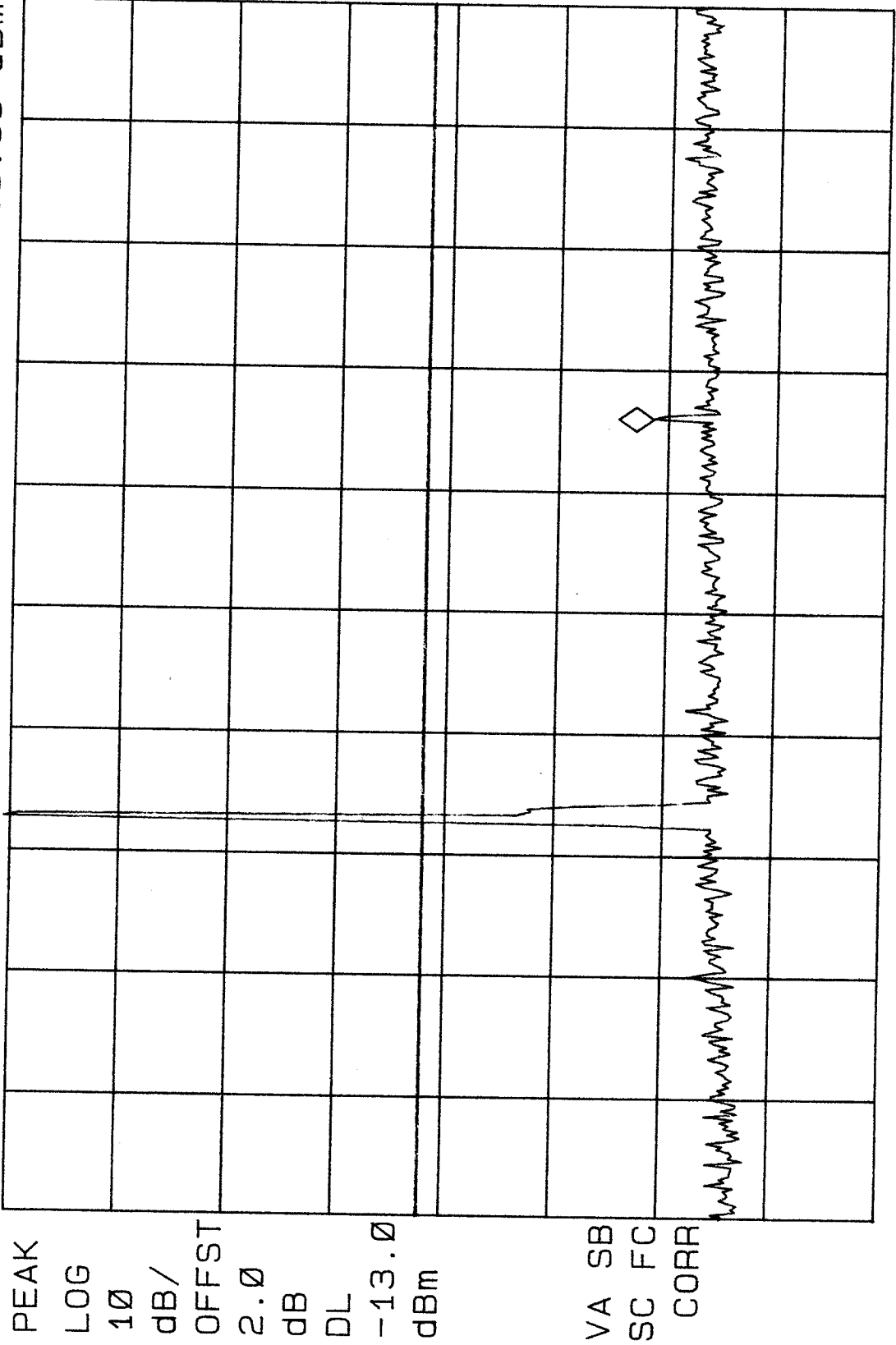
SPAN 5.00 MHz  
SWP 37.5 msec

FCC ID: FFMLGC330W CDMA CH-1011  
REF 25.0 dBm ATTN 40 dB



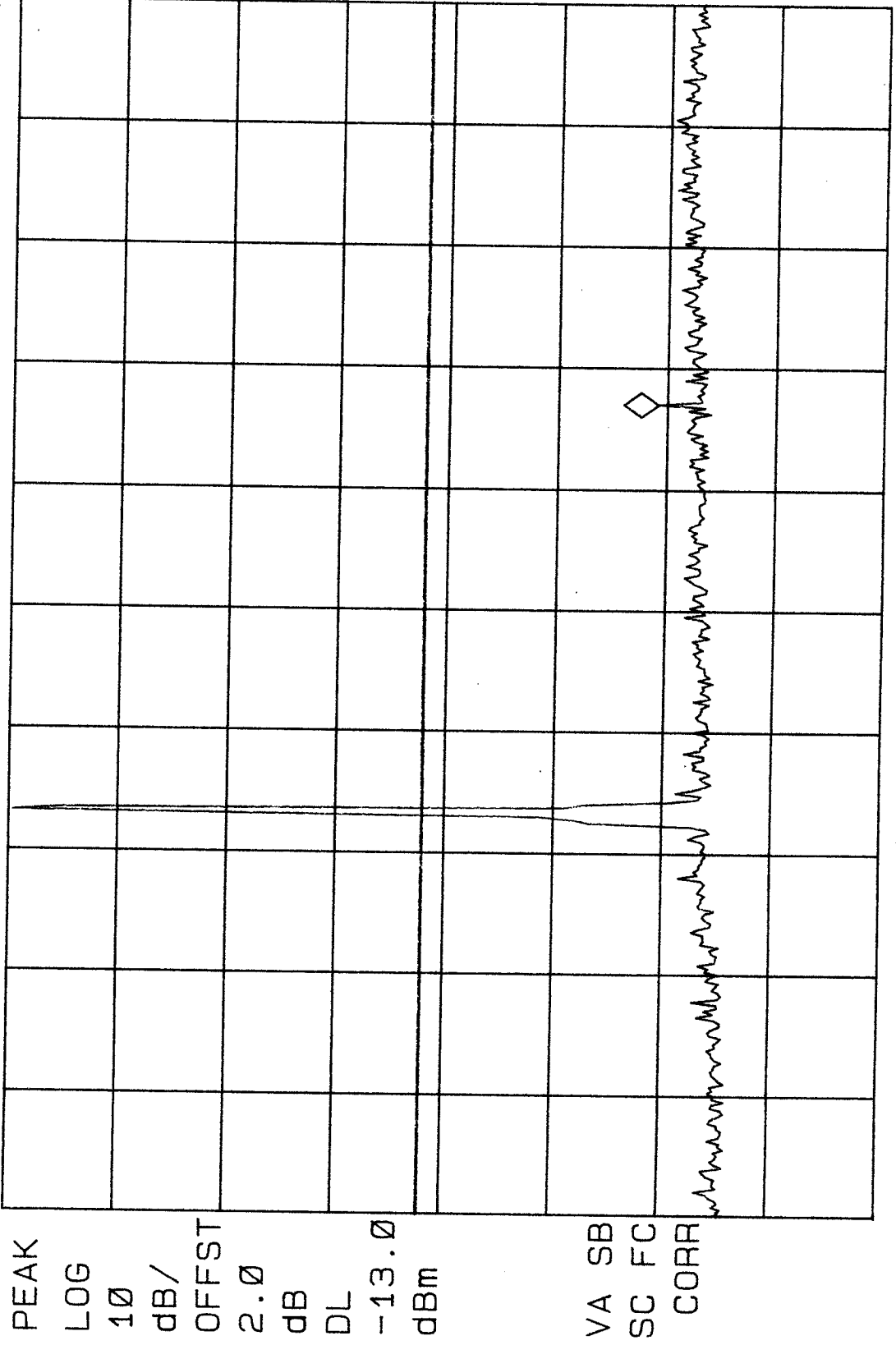
CENTER 824.640 MHz  
SPAN 5.000 MHz  
#RES BW 30 KHZ  
#VBW 30 KHZ  
SWP 20 msec

~~10~~ FCC ID: FFMLGC330W CDMA CH-LOW CON SPURS MKR 1.653 GHz  
 REF 25.0 dBm ATTN 40 dB -33.63 dBm



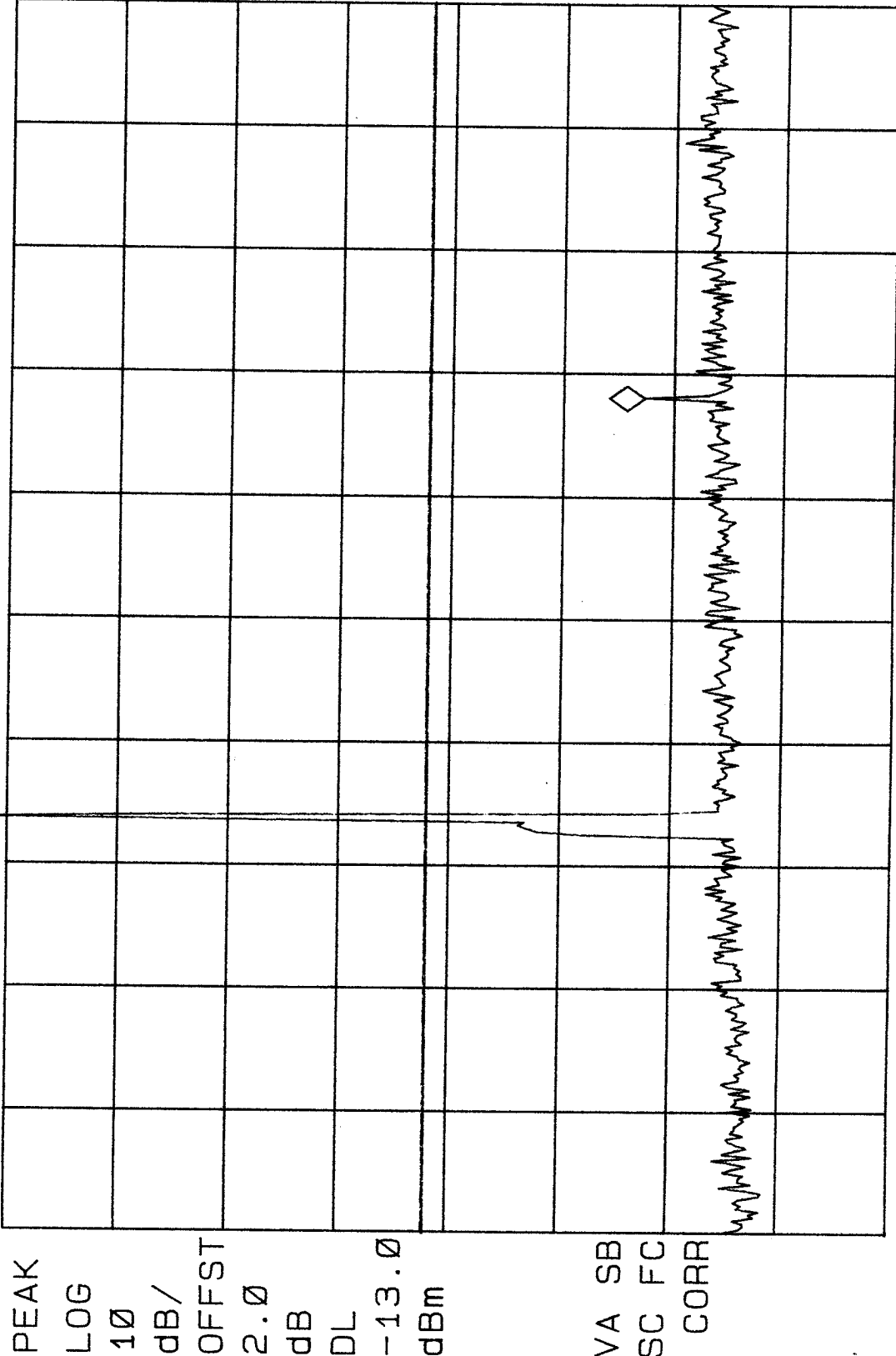
START 10 MHz #RES BW 1.0 MHz STOP 2.500 GHz  
 #VBW 1 MHz SWP 50 msec

~~10~~ FCC ID: FFMLGC330W CDMA CH-383 CON SPURS MKR 1.678 GHz  
REF 25.0 dBm ATTN 40 dB -34.16 dBm



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

FCC ID: FFMLGC330W CDMA CH-HI CON SPURS MKR 1.703 GHz  
REF 25.0 dBm ATTN 40 dB -32.33 dBm



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

CDMA ch 1011

FCC ID-FFMLGC330W Cond.Spur.

MKR 6.610 GHz  
-28.40 dBm

hpf REF 25.0 dBm ATTN 40 dB + 20 dB

10 dB/

POS PK

OFFSET

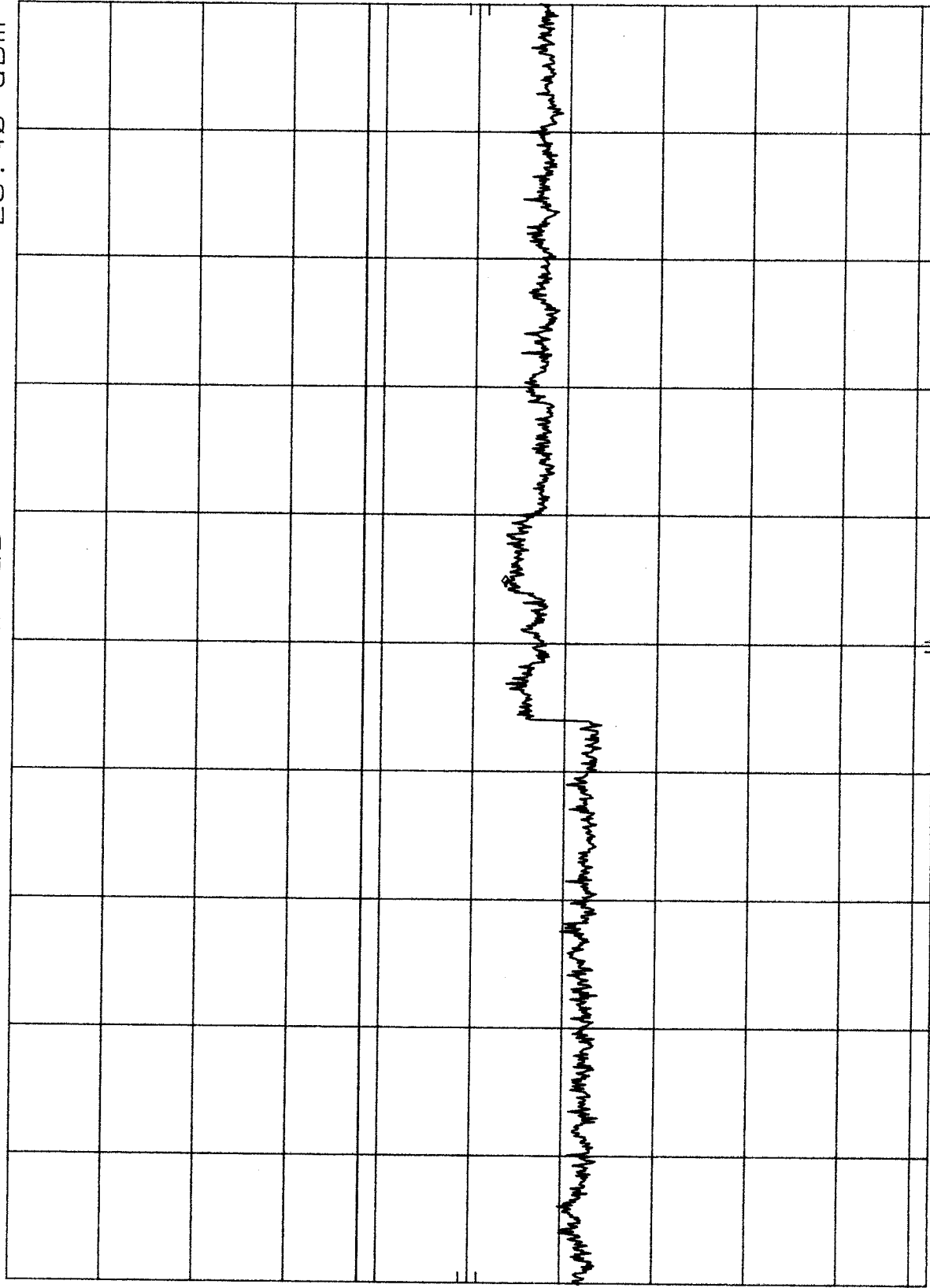
2.0

dB

DL

-13.0

dBm



START 2.50 GHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 10.00 GHz  
SWP 188 msec

CDMA Ch 383

FCC ID-FFMLGC330W Cond.Spur.

MKR 6.603 GHz  
-27.80 dBm

hpf REF 25.0 dBm ATTN 40 dB + 20 dB

10 dB/

POS PK

OFFSET

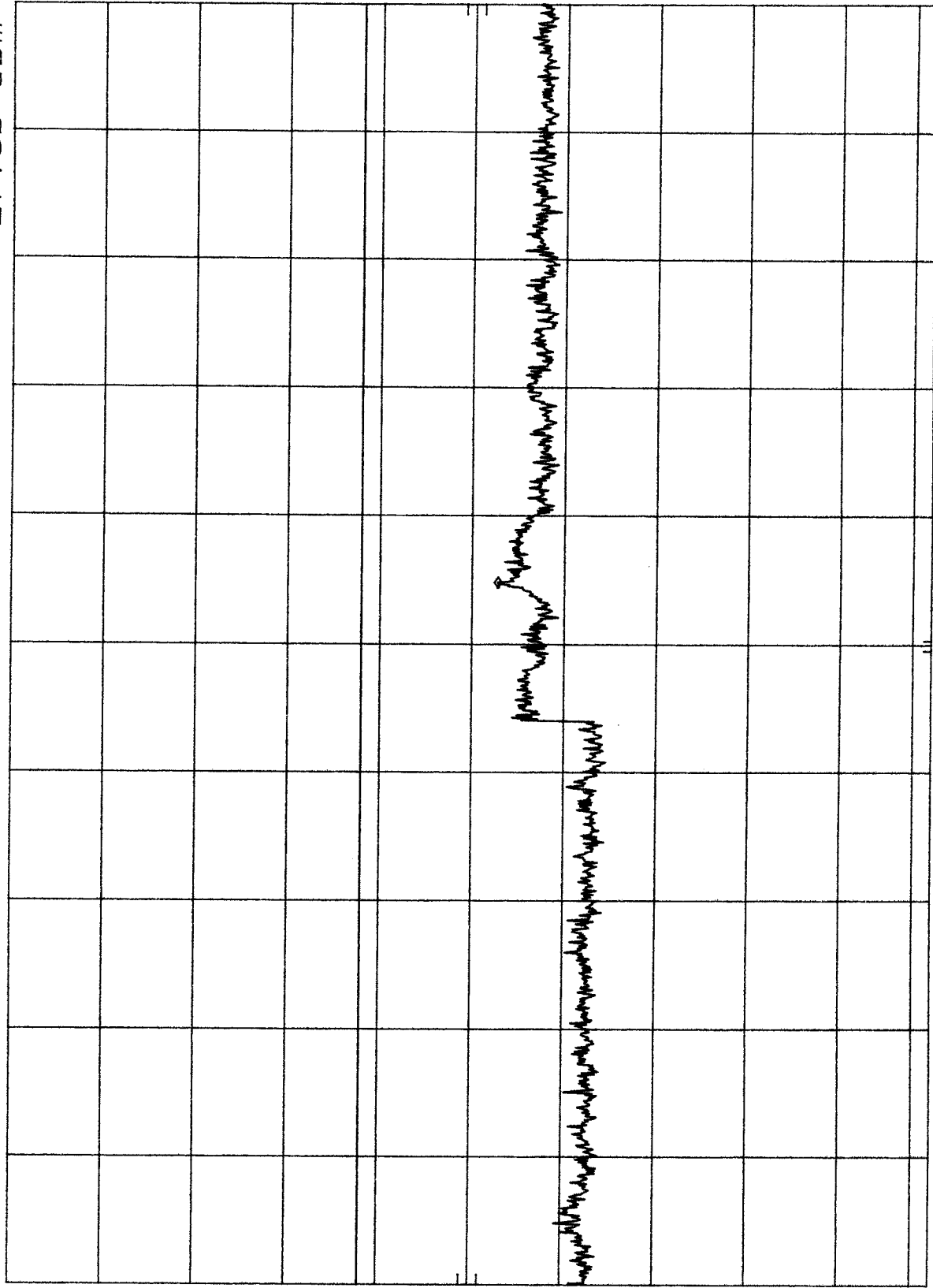
2.0

dB

DL

-13.0

dBm



START 2.50 GHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 10.00 GHz  
SWP 188 msec

COMA 2799

FCC ID-FFMLGC330W Cond.Spur.

MKR 6.925 GHz  
-27.10 dBm

REF 25.0 dBm ATTEN 40 dB + 20 dB

hp

10 dB/

POS PK

OFFSET

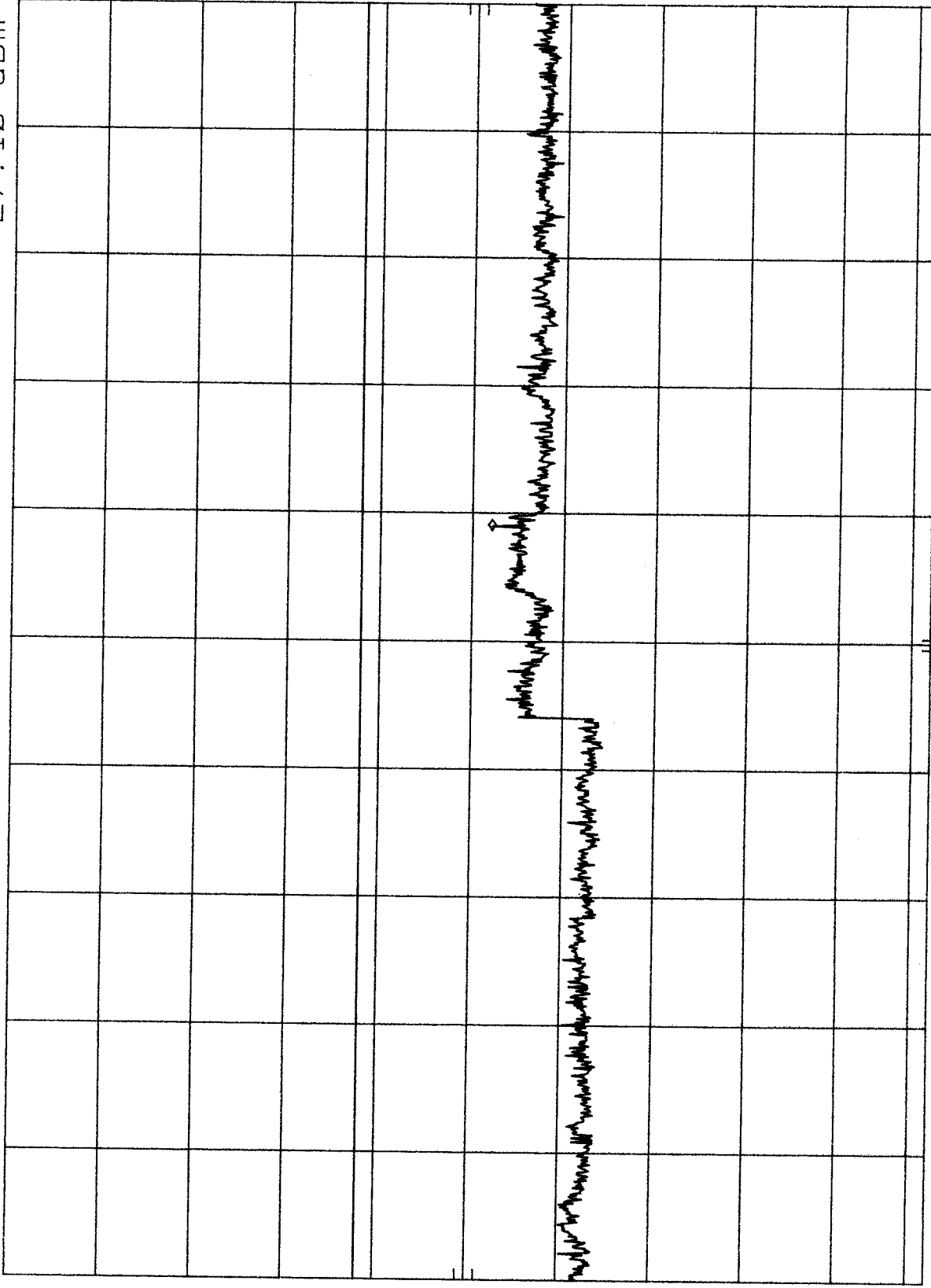
2.0

dB

DL

-13.0

dBm



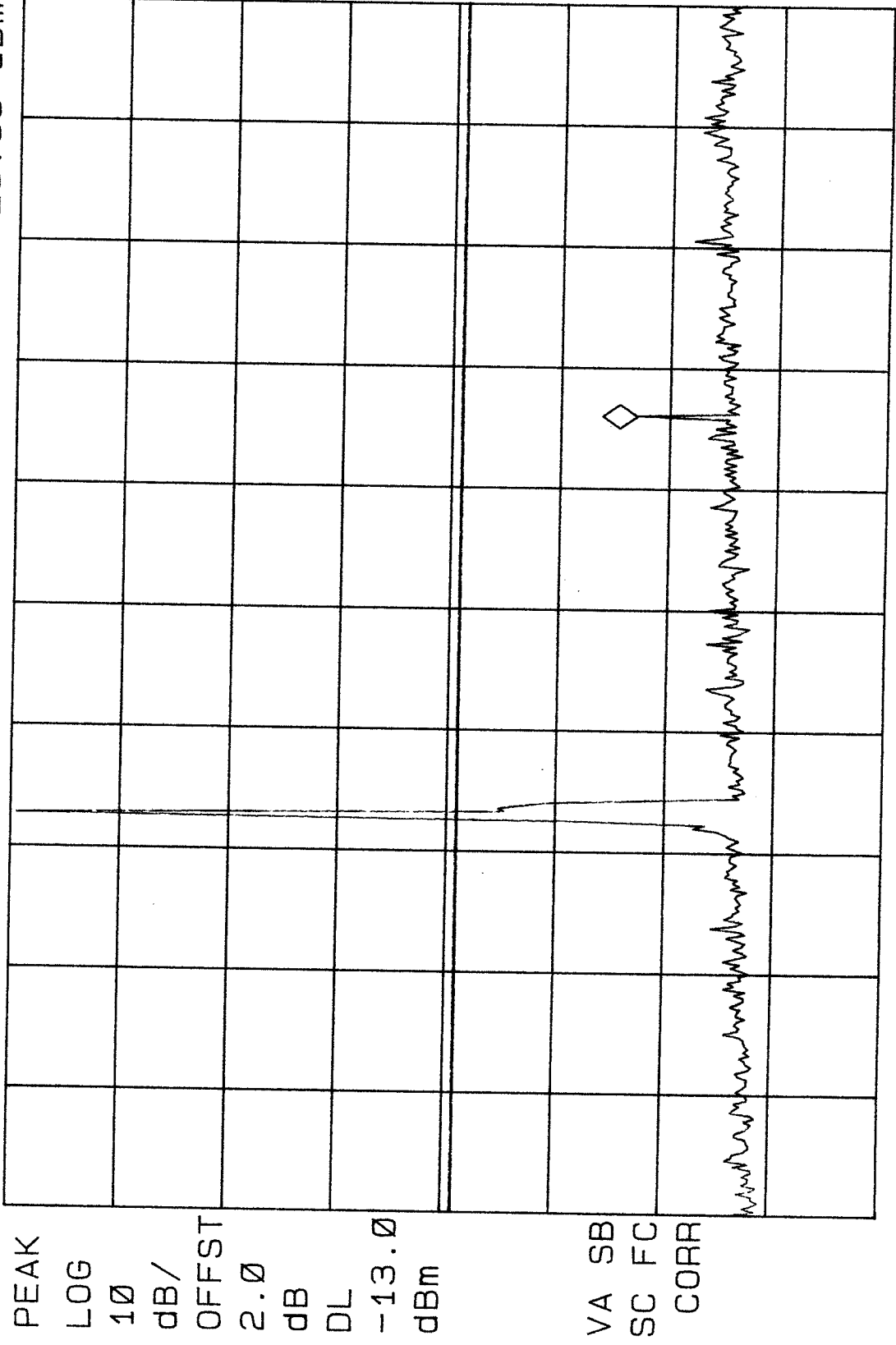
START 2.50 GHz

RES BW 1 MHz (i)

VBW 1 MHz

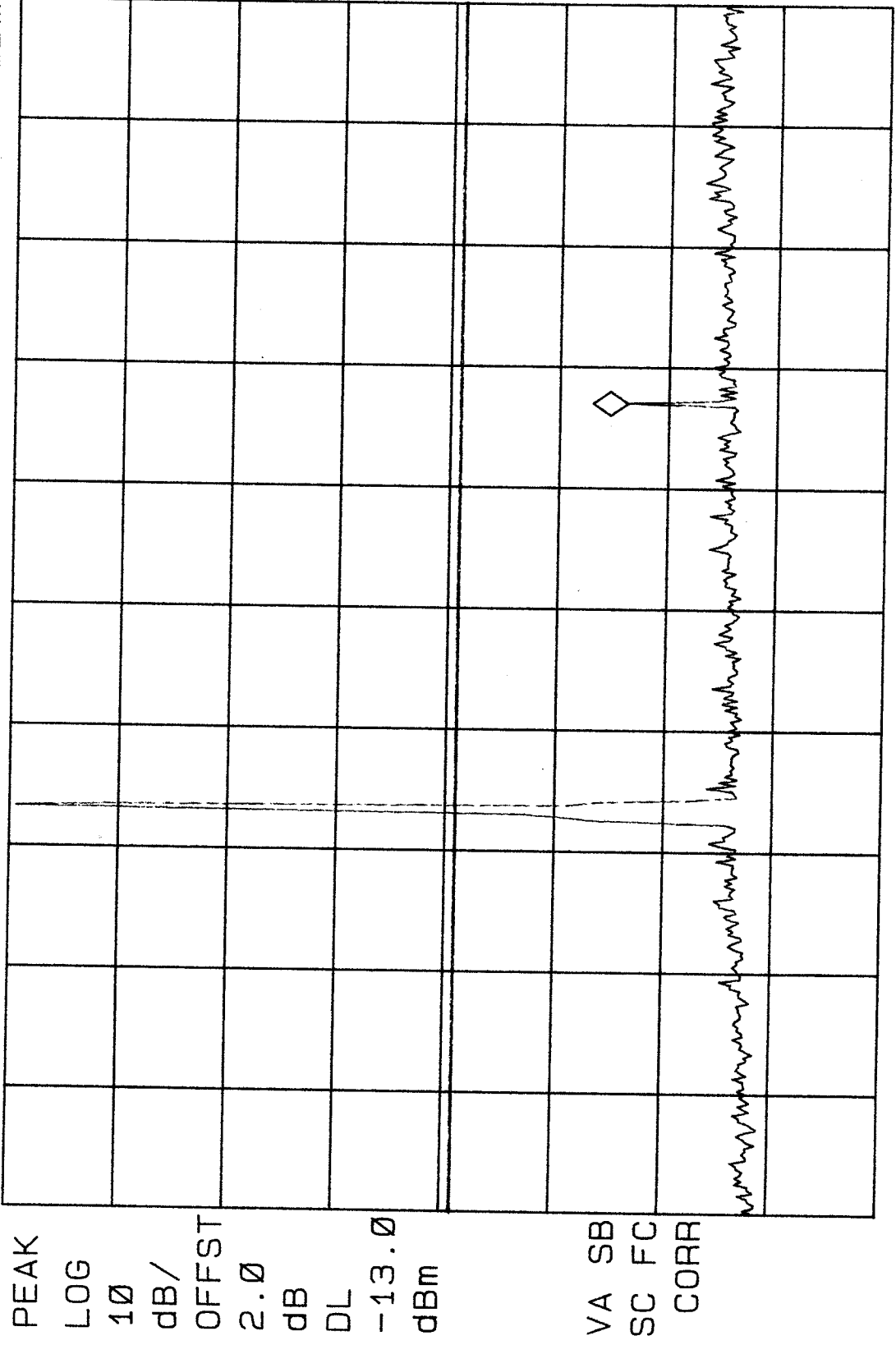
STOP 10.00 GHz  
SWP 188 msec

~~NO~~ FCC ID: FFMLGC330W CON SPURS CH-991 FM MKR 1.653 GHz  
REF 28.0 dBm ATTEN 40 dB -28.99 dBm



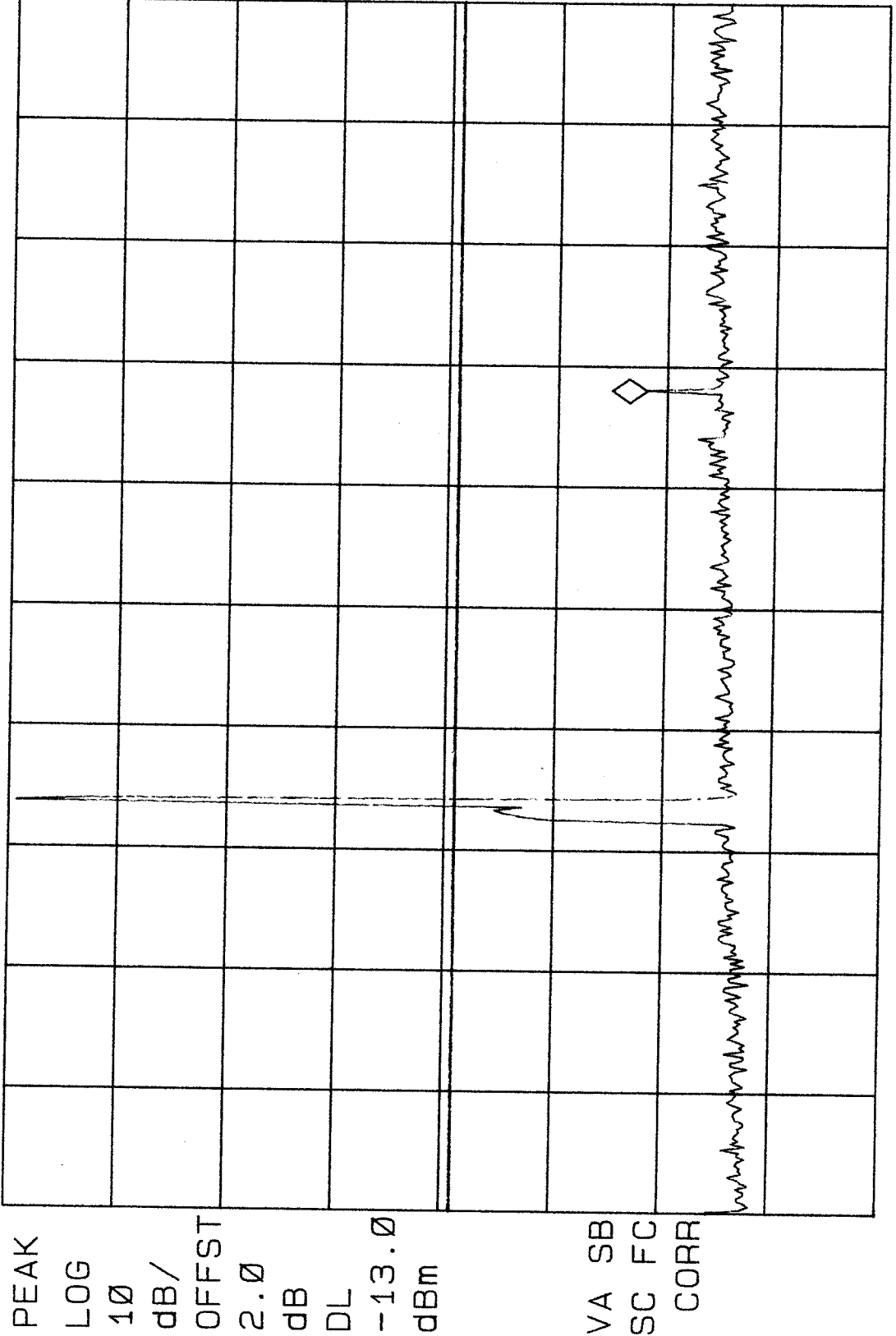
START 10 MHz STOP 2.500 GHz  
#RES BW 1.0 MHz #VBW 1 MHz SWP 50 msec

~~10~~ FCC ID: FFMLGC330W CON SPURS CH-383 FM MKR 1.678 GHz  
REF 28.0 dBm ATTEN 40 dB -28.23 dBm



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

FCC ID: FFMLGC330W CON SPURS CH-799 FM MKR 1.703 GHz  
REF 28.0 dBm ATTEN 40 dB -30.12 dBm



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

Ch 991 Fm

FCC ID-FFMLGC330W CON SPURS  
REF 28.0 dBm ATTN 40 dB

MKR 6.783 GHz  
-30.30 dBm

h/p

10 dB/

POS PK

OFFSET

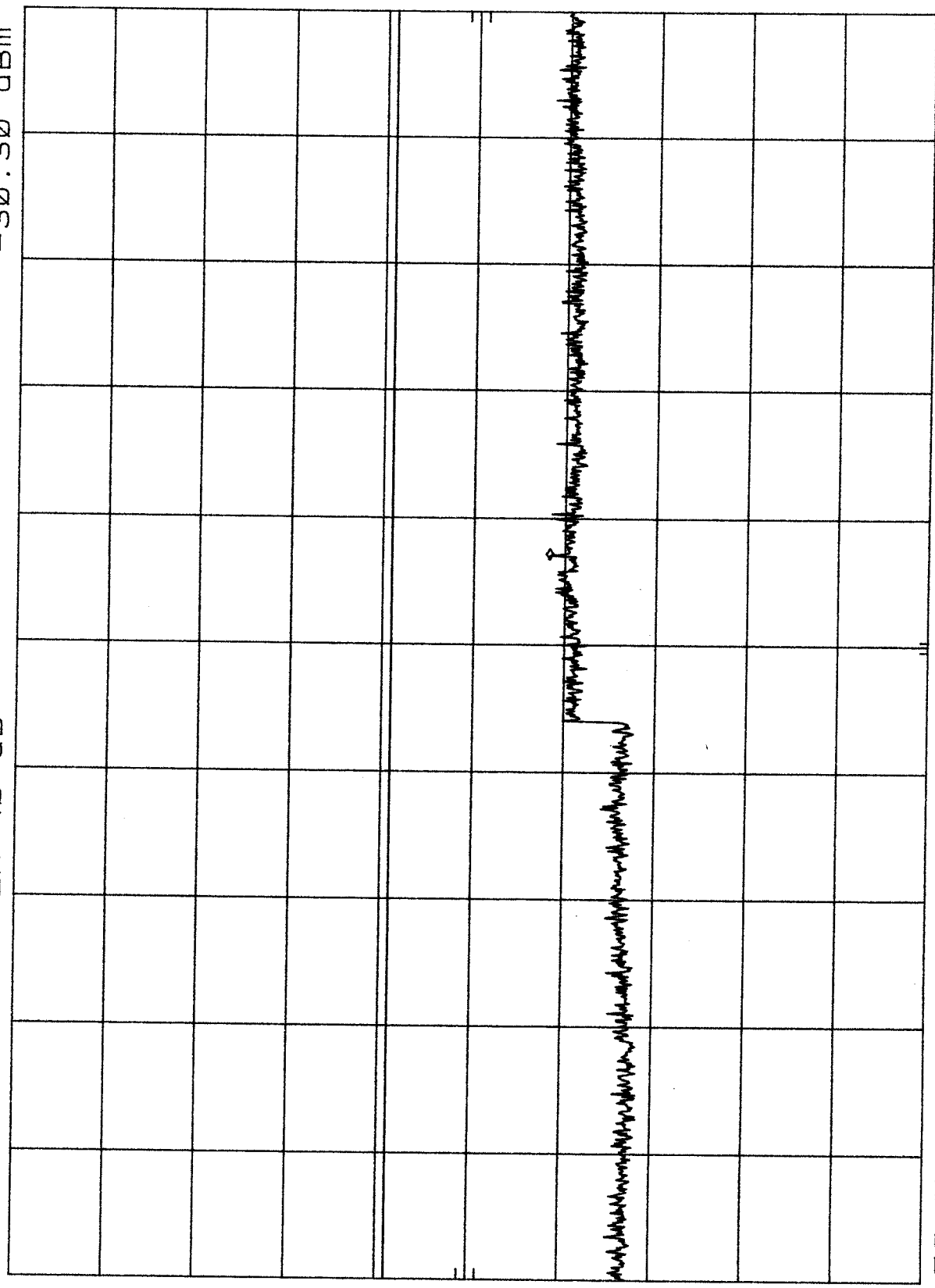
2.0

dB

DL

-13.0

dBm



START 2.50 GHz

RES BW 1 MHz

VBW 1 MHz

STOP 10.00 GHz

SWP 188 msec

Ch 383 Fm

FCC ID-FFMLGC330W CON SPURS  
REF 28.0 dBm ATTN 40 dB

MKR 9.430 GHz  
-30.60 dBm

hp

10 dB/

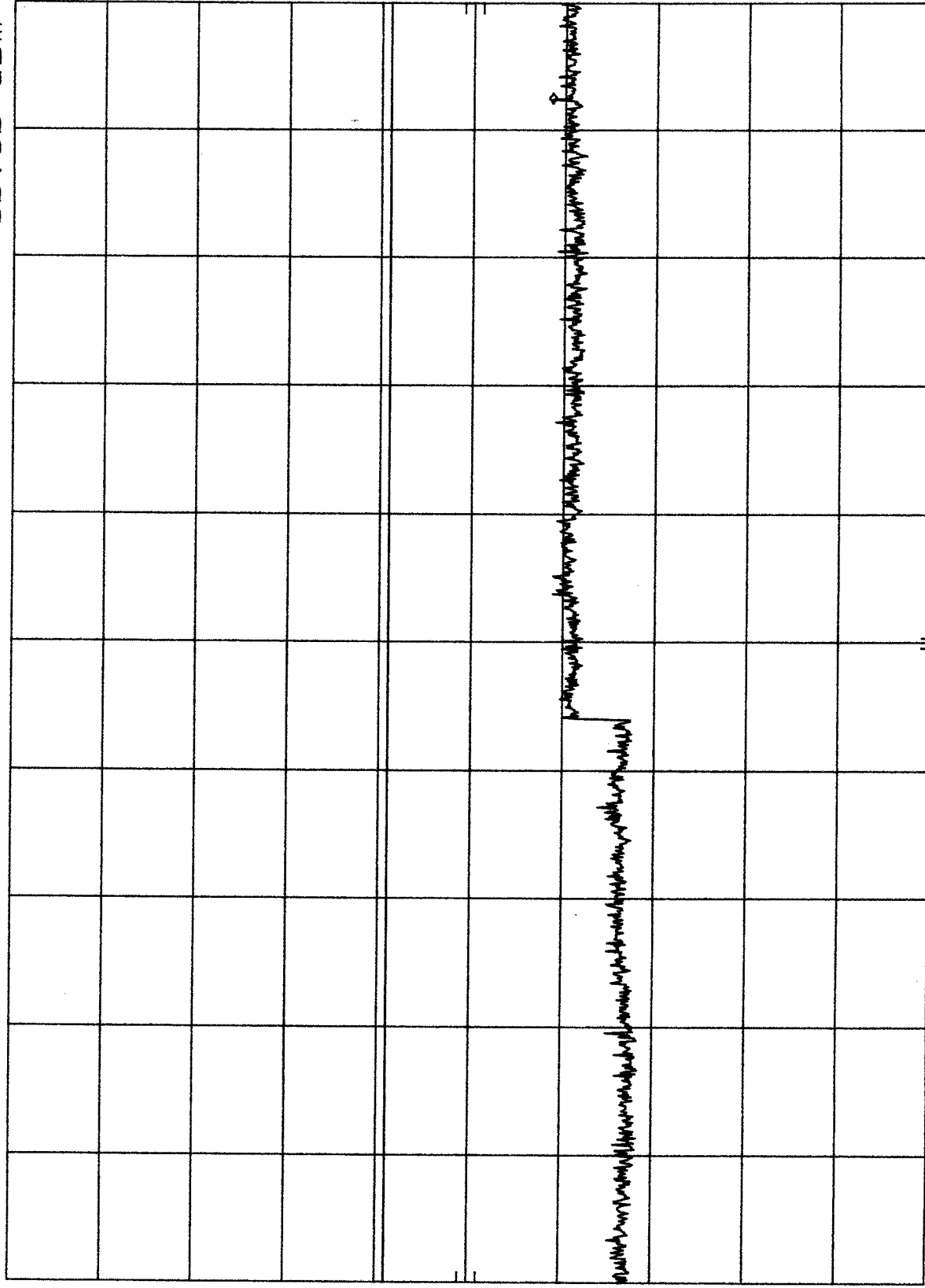
POS PK

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

|     |               |       |       |
|-----|---------------|-------|-------|
| FCC | ID-FFMLGC330W | CON   | SPURS |
| REF | 28.0 dBm      | ATTEN | 40 dB |

MKR 9.243 GHz  
-30.20 dBm

77

10/28/2011

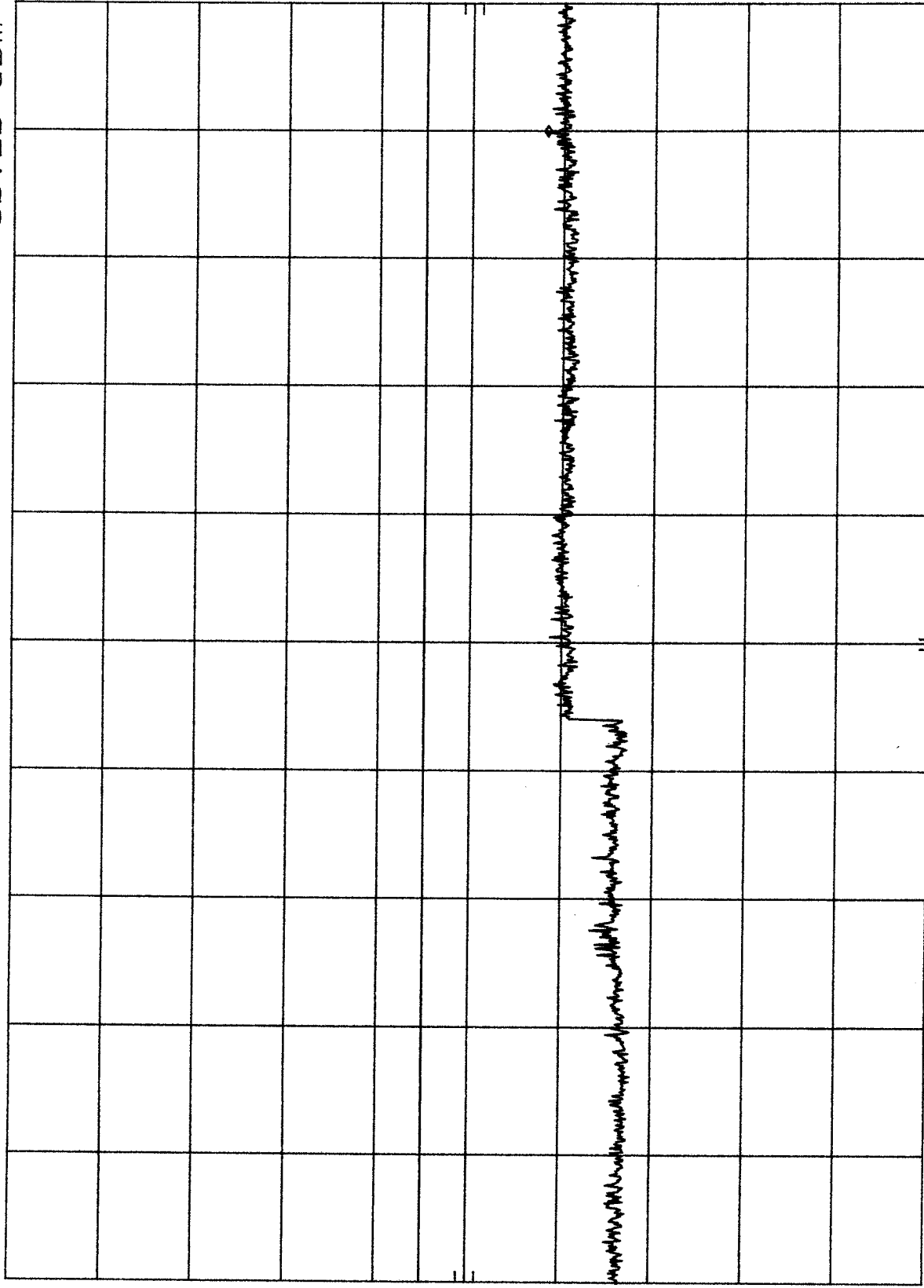
Y  
R  
S  
O  
R

TEST

2. m

70

-17.0  
dBm



START 2.50 GHZ

RES BW 1 MHZ

VBW 1 MHz

STOP 10.00 GHZ

SWP 188 msec