

PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:L5ACMDM4

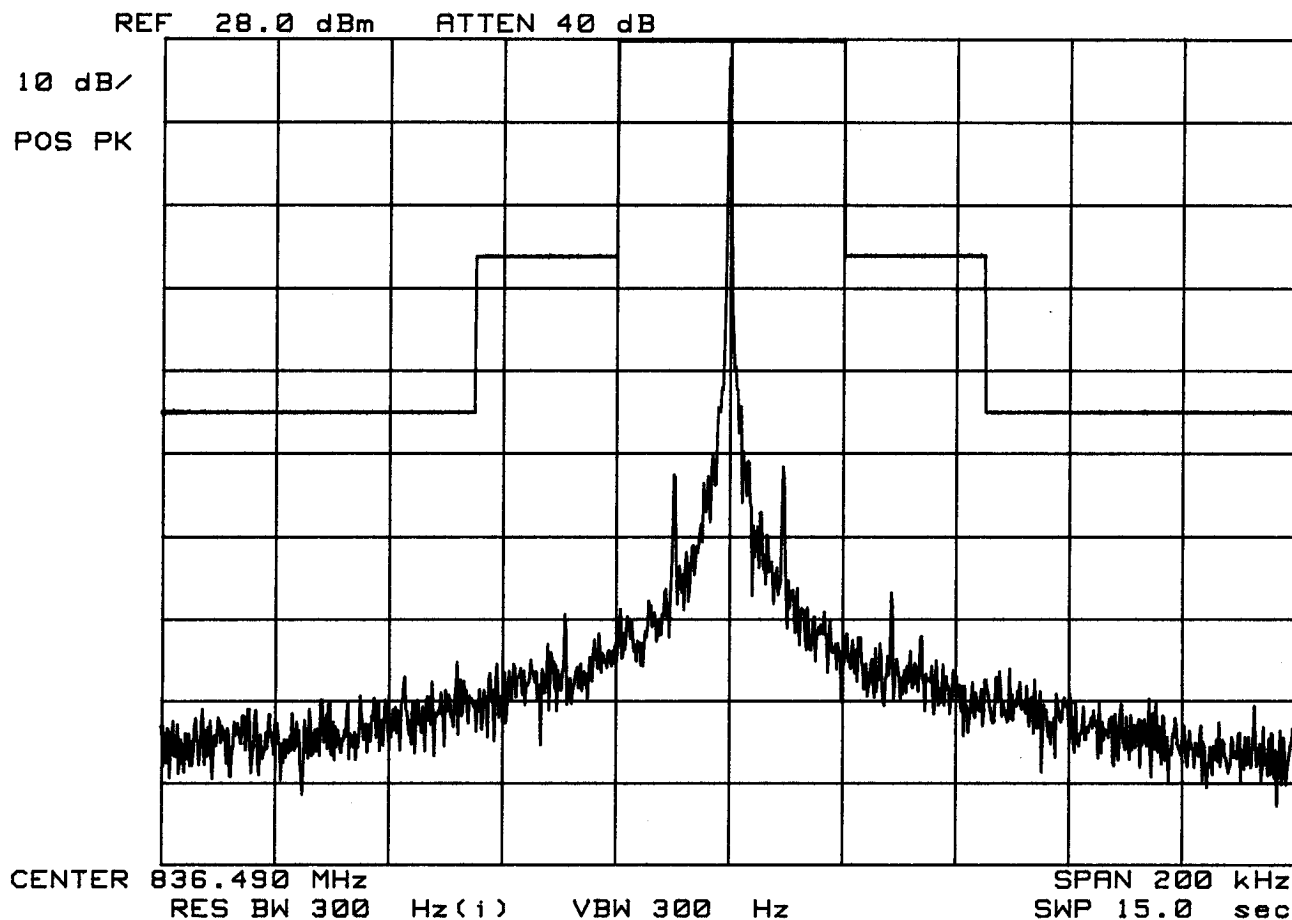
SONY METALIZED DUAL MODE

FM MODE

Operating Frequency: 836.490 MHz

Output Power : 27.8 dBm

Test Mode:Unmodulated Signal



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:L5ACMDM4

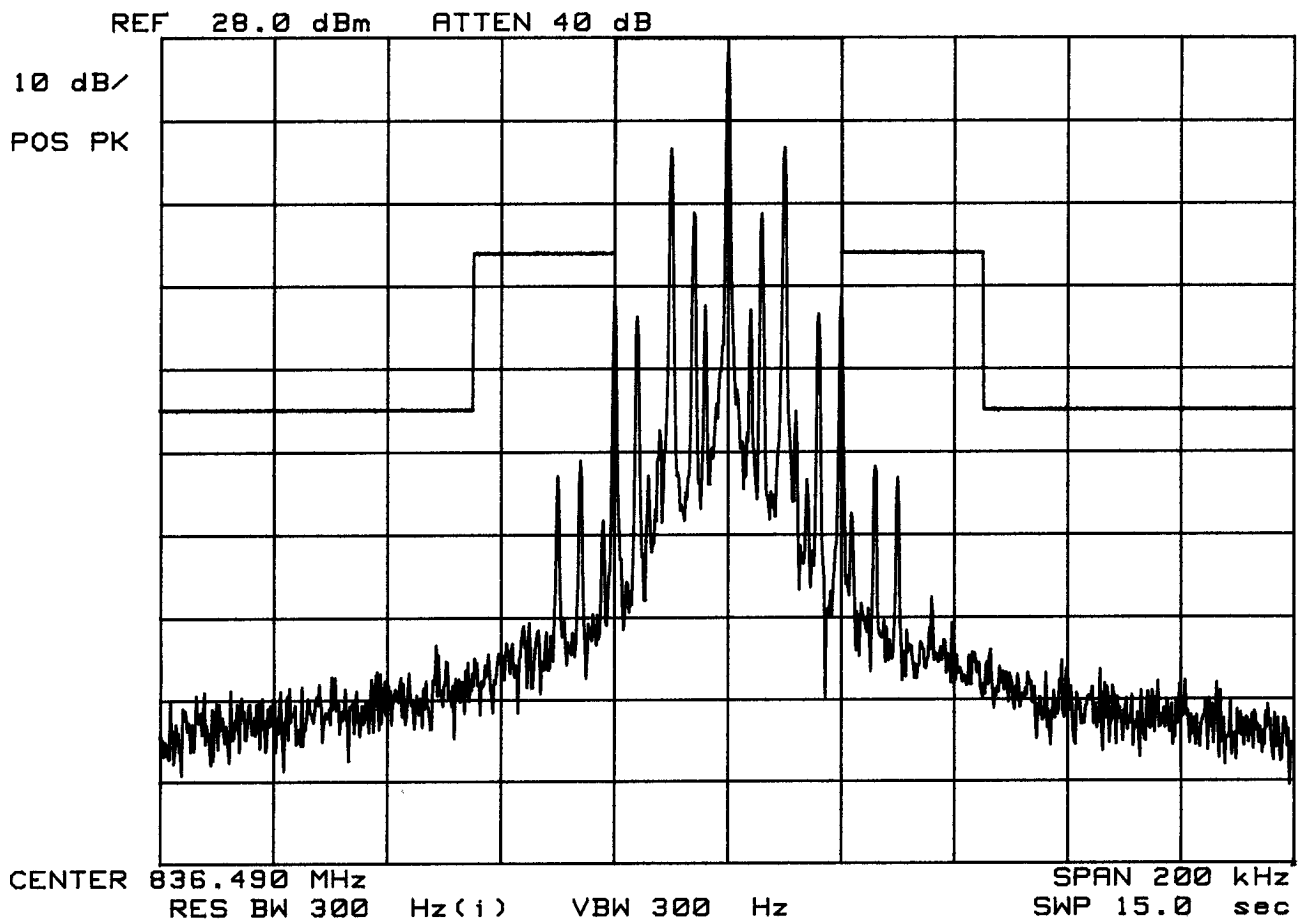
SONY METALIZED DUAL MODE

FM MODE

Operating Frequency: 836.490 MHz

Output Power : 27.8 dBm

Test Mode:SAT + ST



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:L5ACMDM4

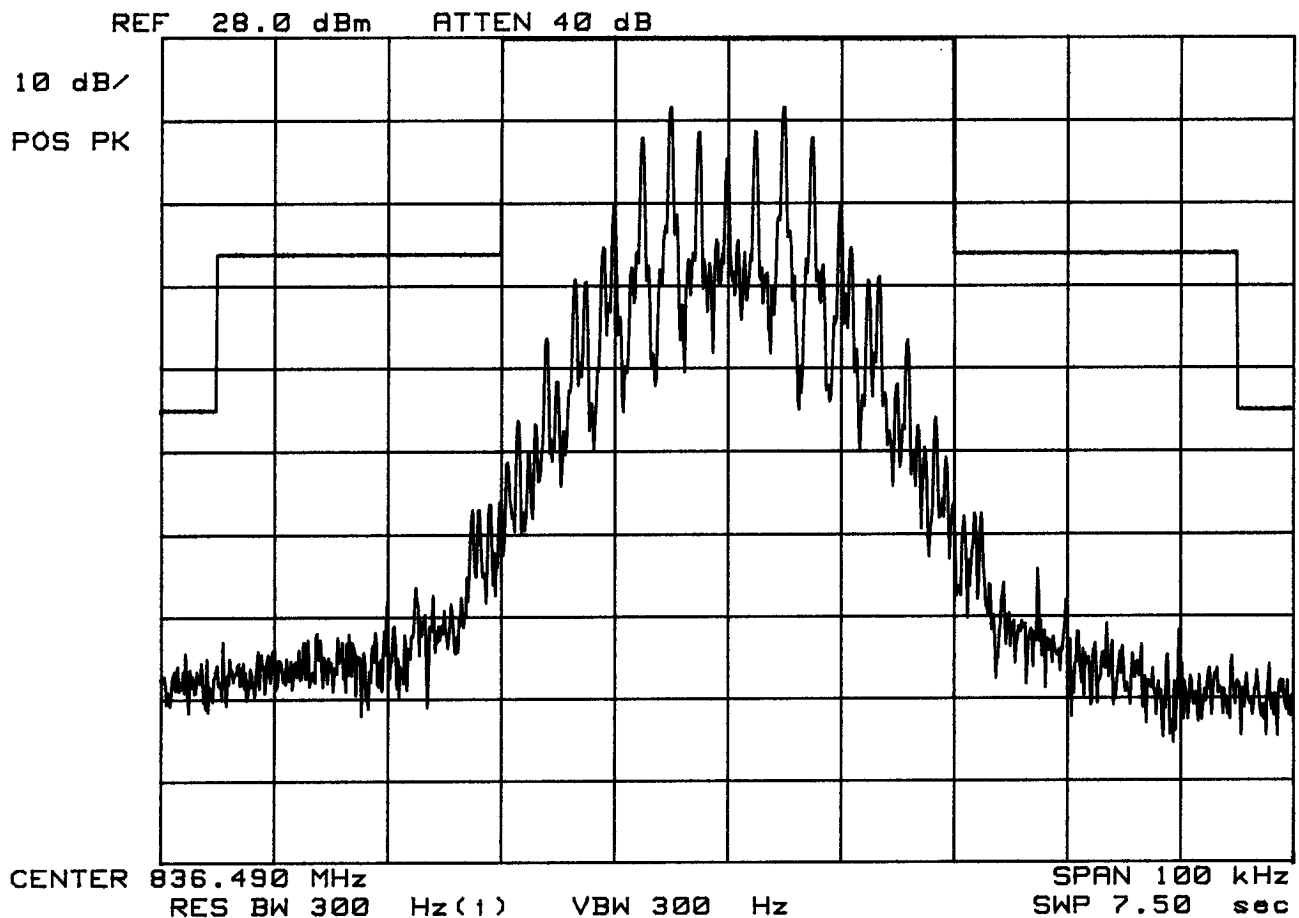
SONY METALIZED DUAL MODE

FM MODE

Operating Frequency: 836.490 MHz

Output Power : 27.8 dBm

Test Mode:SAT + Voice



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:L5ACMDM4

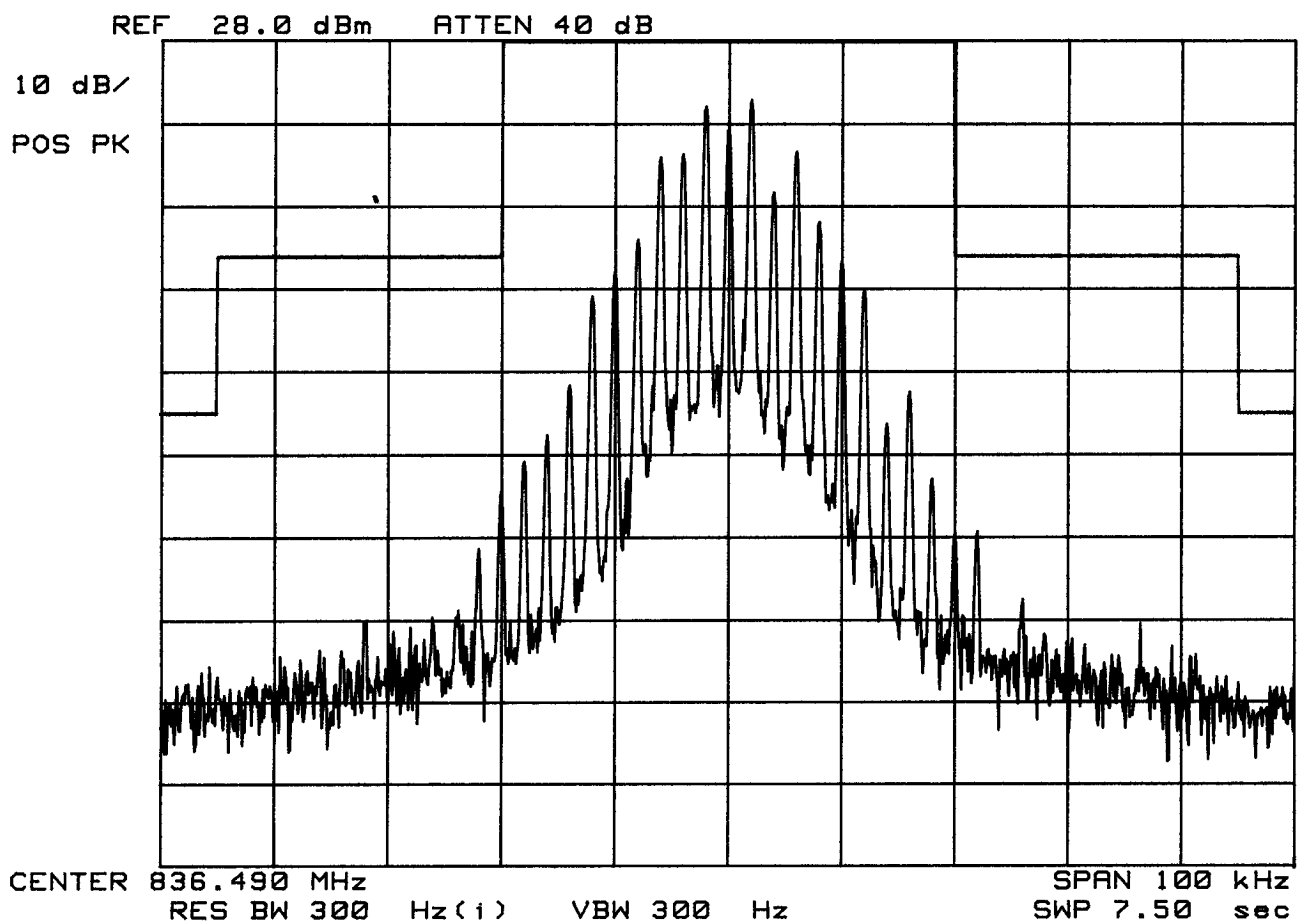
SONY METALIZED DUAL MODE

FM MODE

Operating Frequency: 836.490 MHz

Output Power : 27.8 dBm

Test Mode:Voice



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:L5ACMDM4

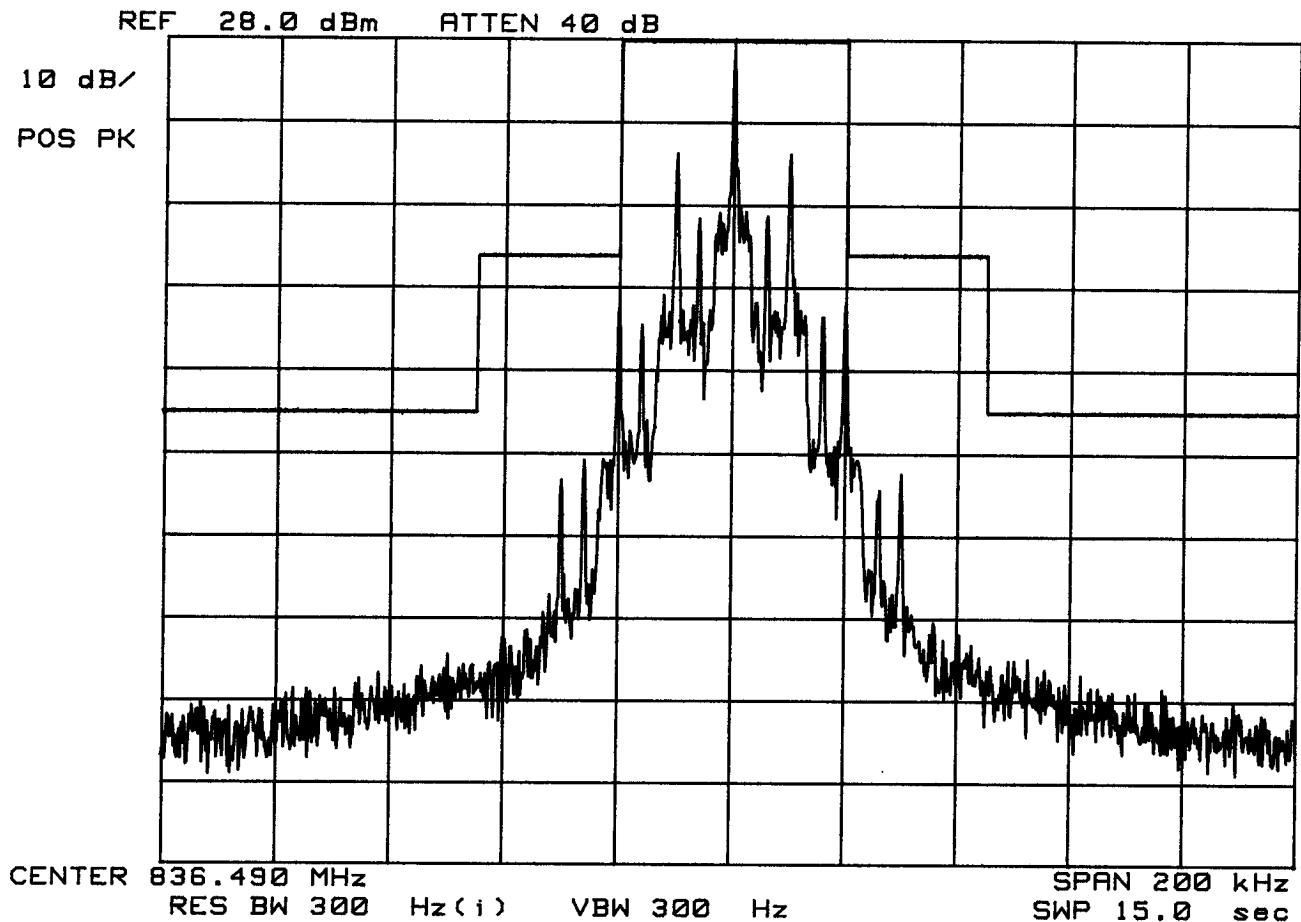
SONY METALIZED DUAL MODE

FM MODE

Operating Frequency: 836.490 MHz

Output Power : 27.8 dBm

Test Mode:Wide Band Data



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SPECTRUM ANALYZER PRESENTATION

FCC ID:L5ACMDM4

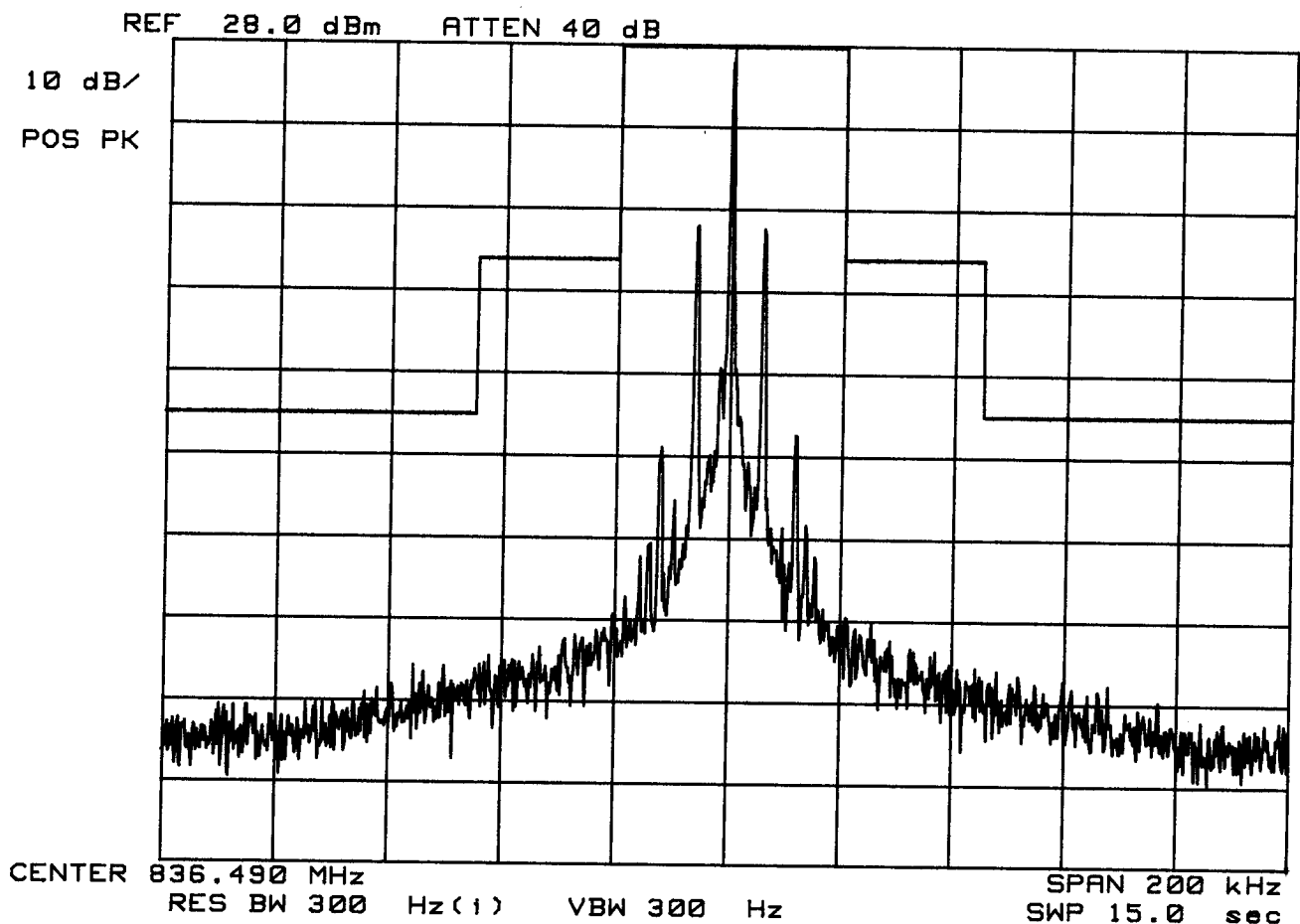
SONY METALIZED DUAL MODE

FM MODE

Operating Frequency: 836.490 MHz

Output Power : 27.8 dBm

Test Mode:SAT



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SPECTRUM ANALYZER PRESENTATION

FCC ID:L5ACMDM4

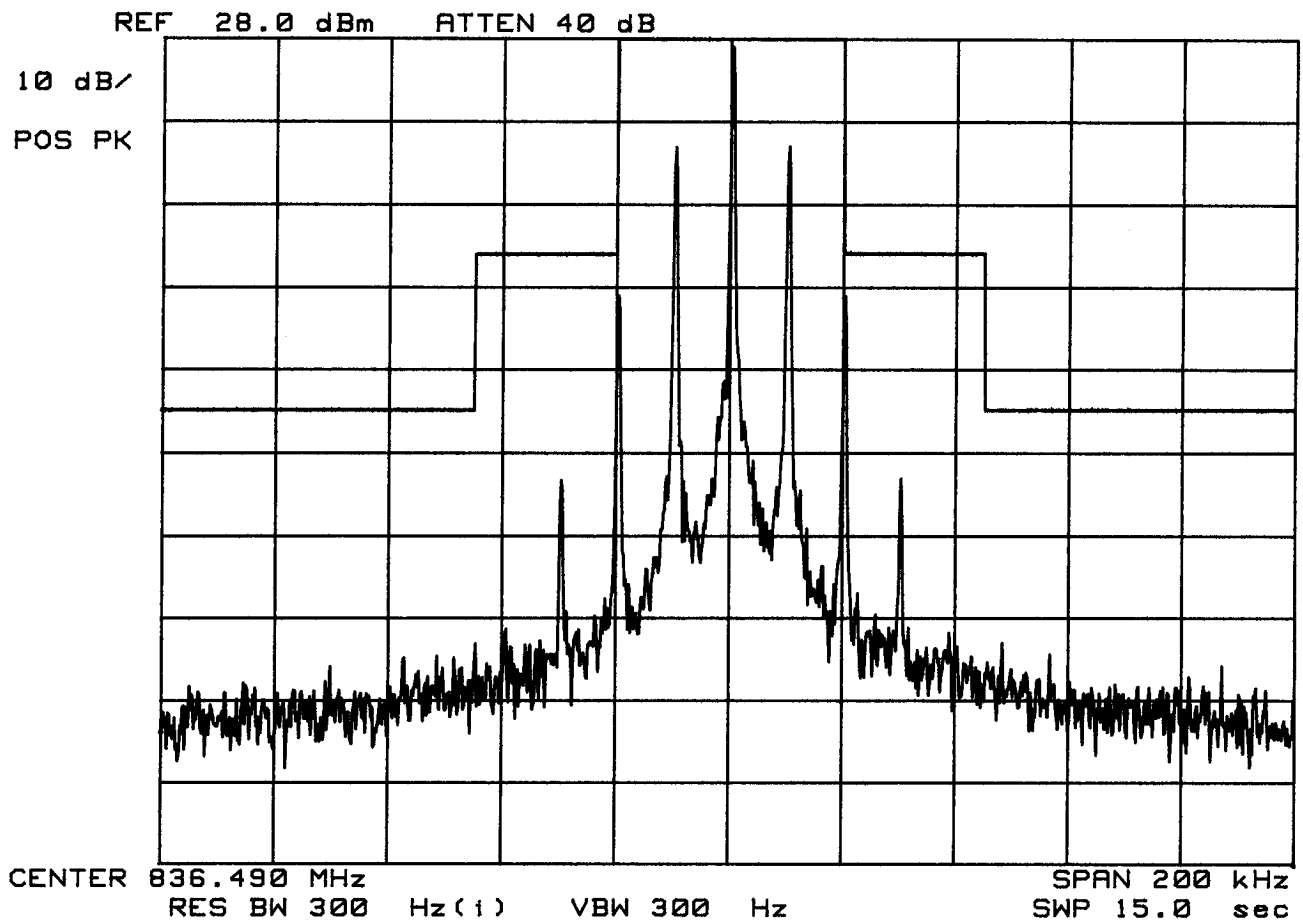
SONY METALIZED DUAL MODE

FM MODE

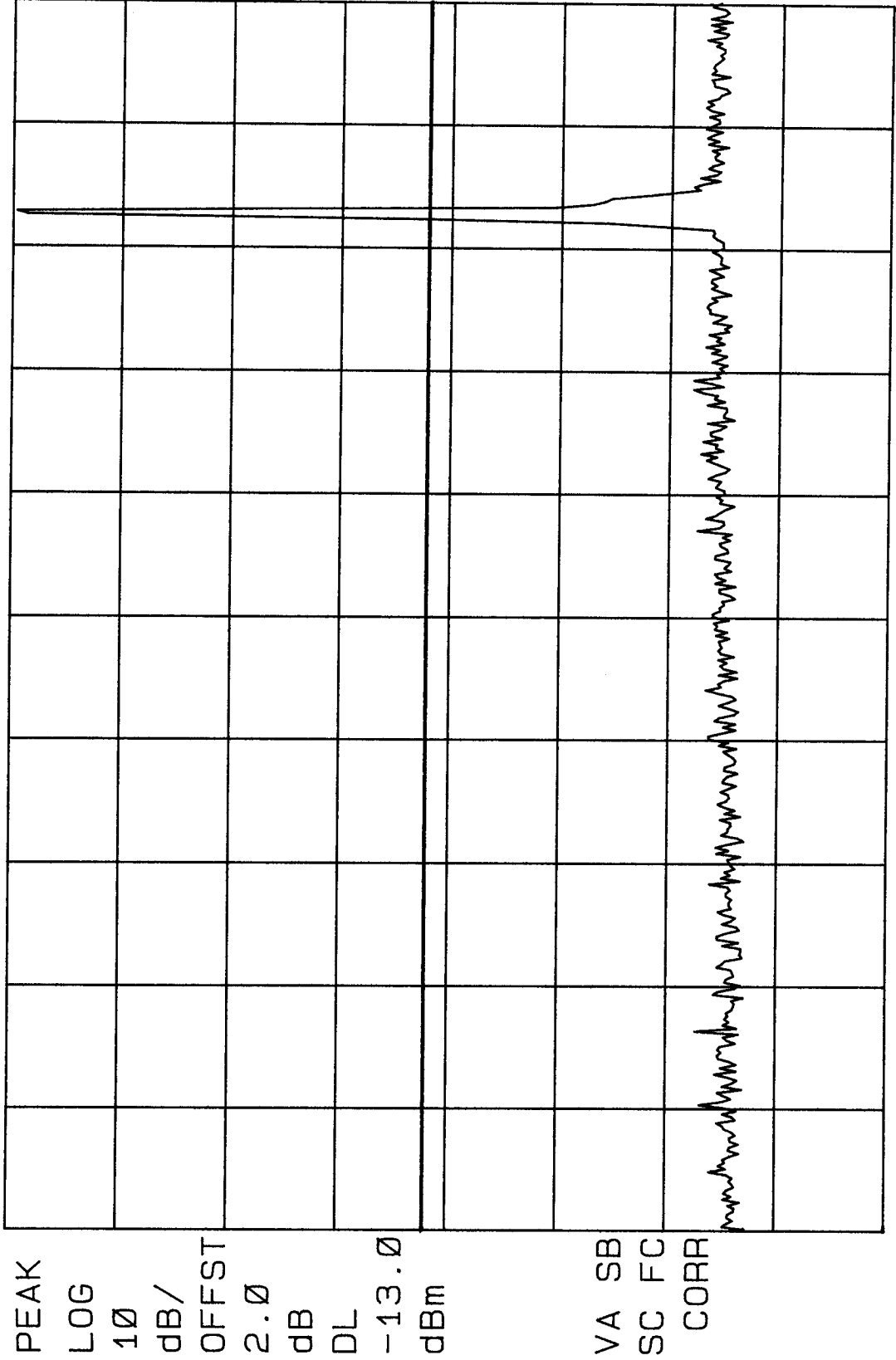
Operating Frequency: 836.490 MHz

Output Power : 27.8 dBm

Test Mode:ST

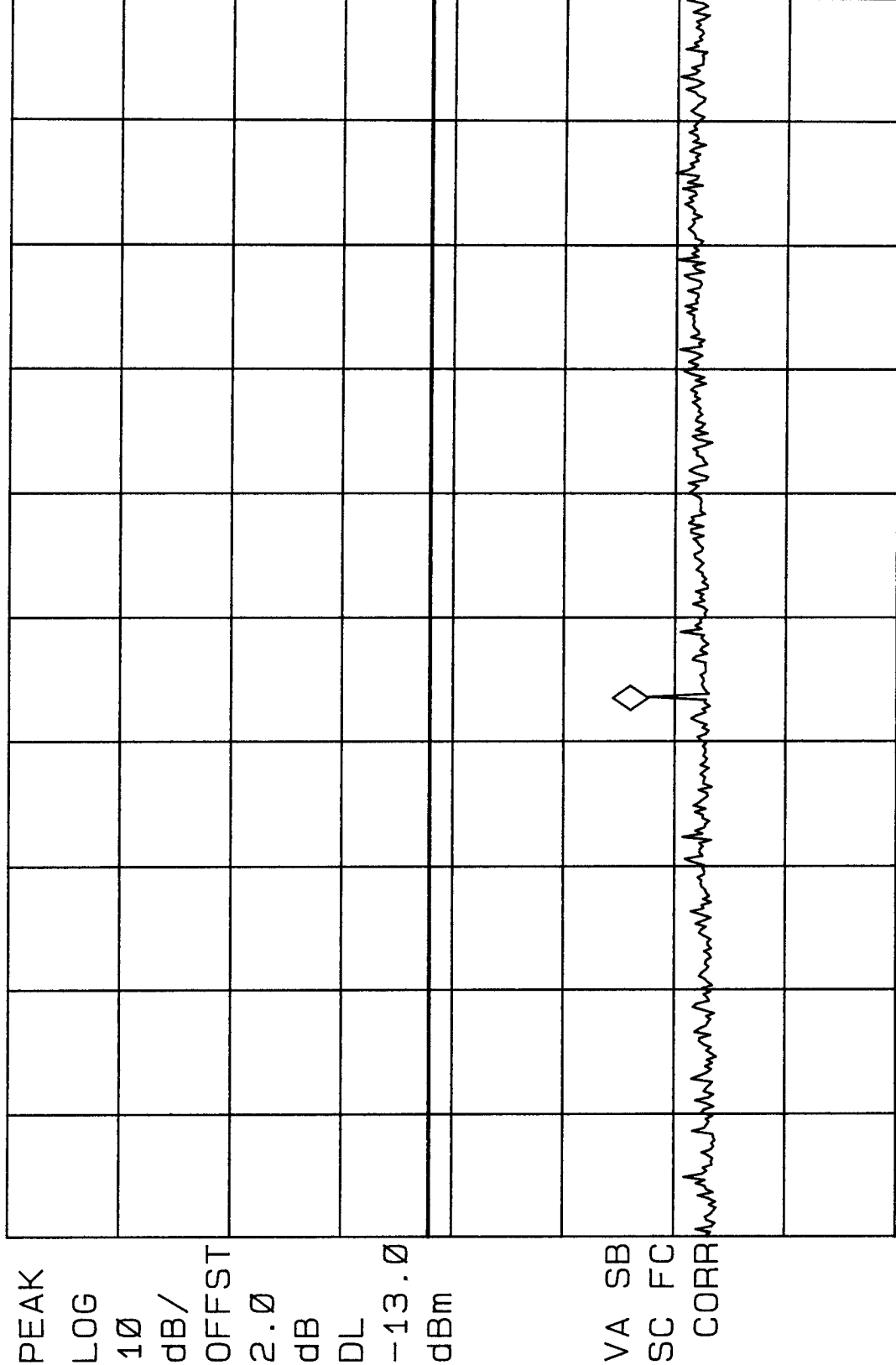


~~17~~ FCC ID: L5ACMDM4 Ch. Low Cond. Spur.
REF 25.0 dBm #ATTEN 40 dB



START 10.0 MHz #RES BW 1.0 MHz STOP 1.0000 GHz #VBW 1 MHz SWP 20 msec

FCC ID: L5ACMDM4 Ch. Low Cond. Spur. MKR 1.653 GHz
REF 25.0 dBm #ATTEN 40 dB -32.60 dBm



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

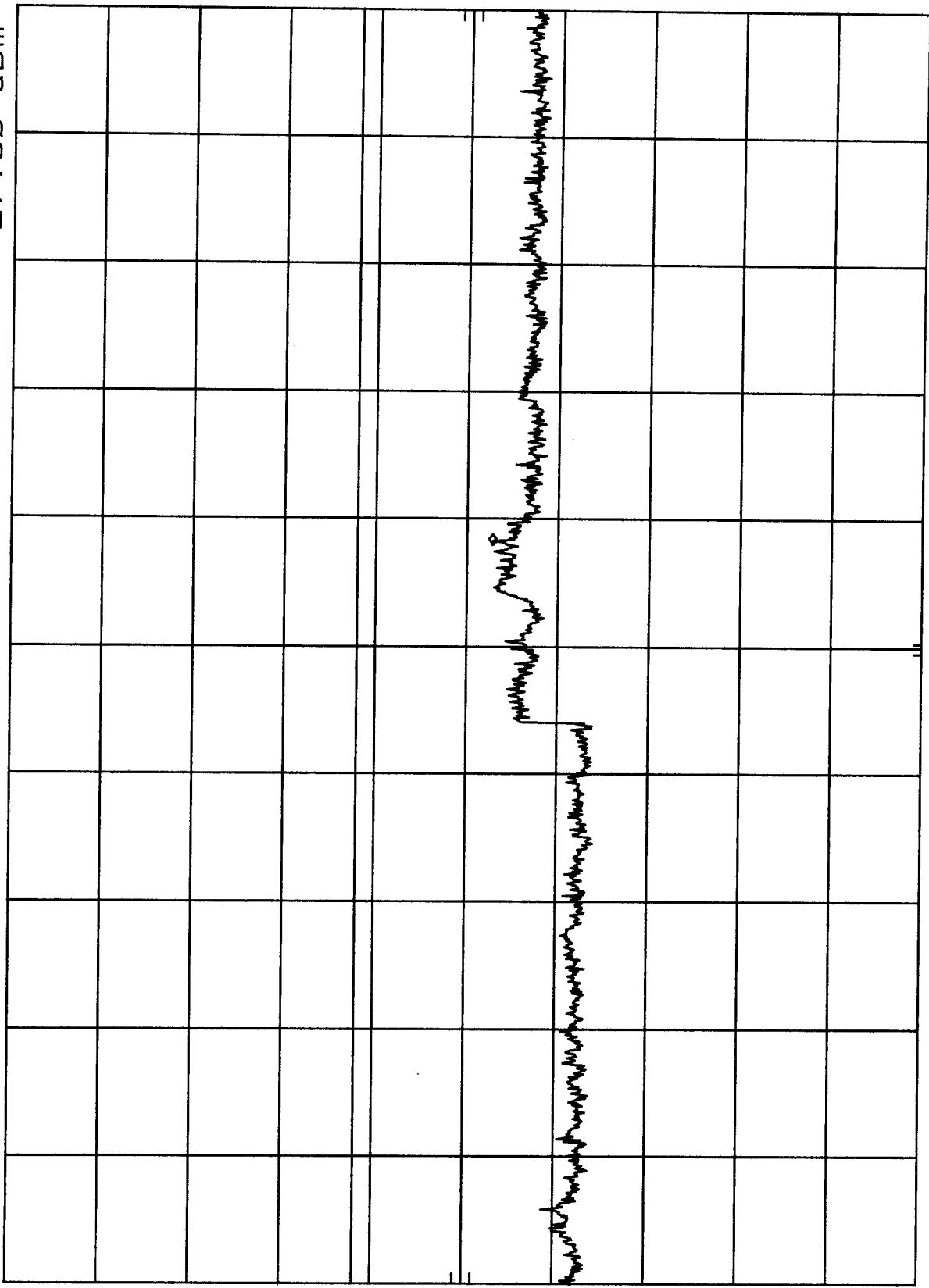
VA SB
SC FC
CORR

START 1.000 GHz #RES BW 1.0 MHz
STOP 2.500 GHz #VBW 1 MHz SWP 30 msec

FCC ID-L5ACMDM4 Ch.Low Cond.Spur.
REF 25.0 dBm ATTEN 40 dB + 20 dB
MKR 6.873 GHz
-27.80 dBm

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

FCC ID-L5ACMDM4 Ch.Low Cond.Spur.
REF 25.0 dBm ATTEN 40 dB + 20 dB
MKR 19.57 GHz
-20.50 dBm

hp

10 dB/

POS PK

OFFSET

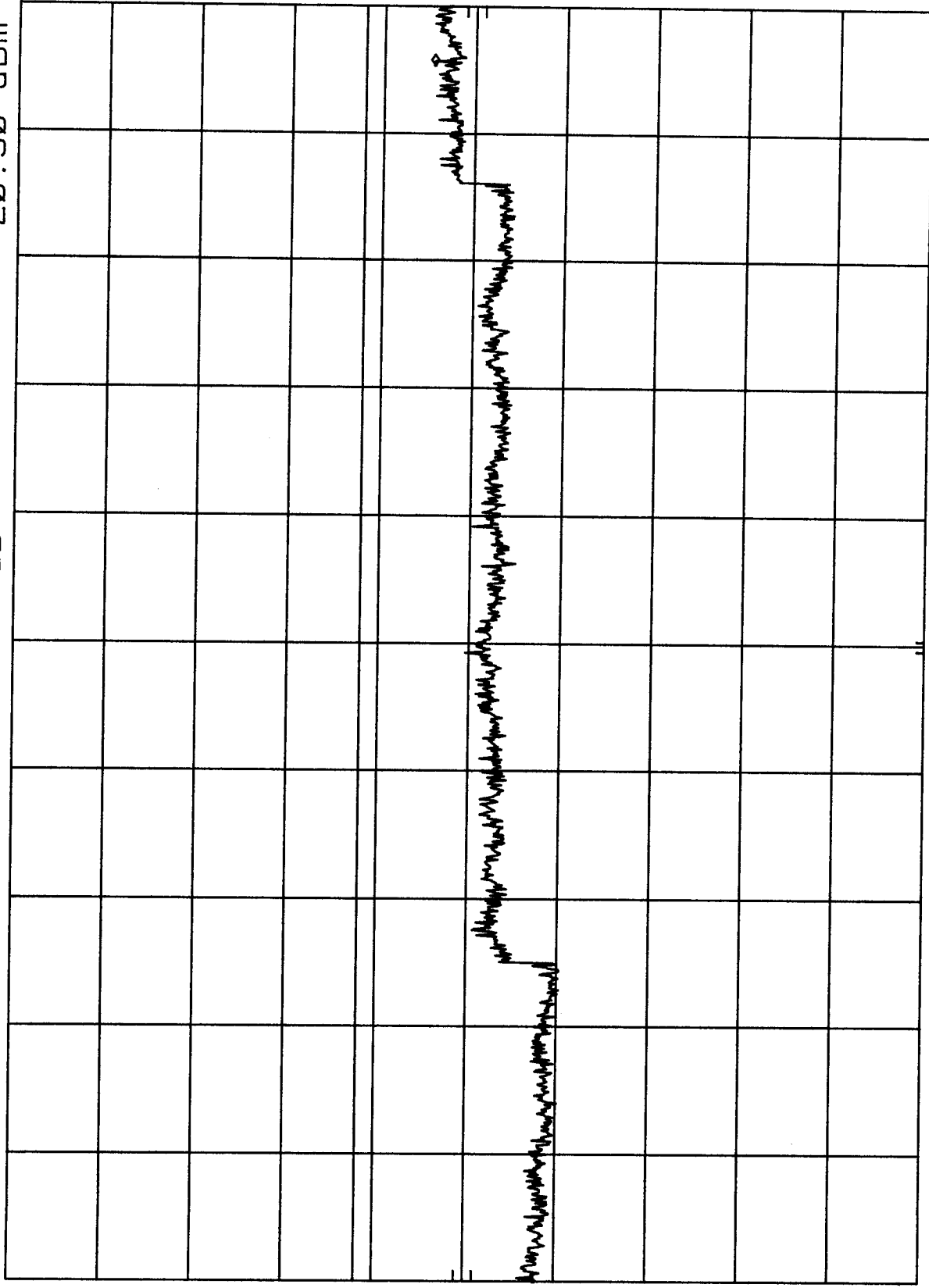
2.0

dB

DL

-13.0

dBm



START 10.0 GHz

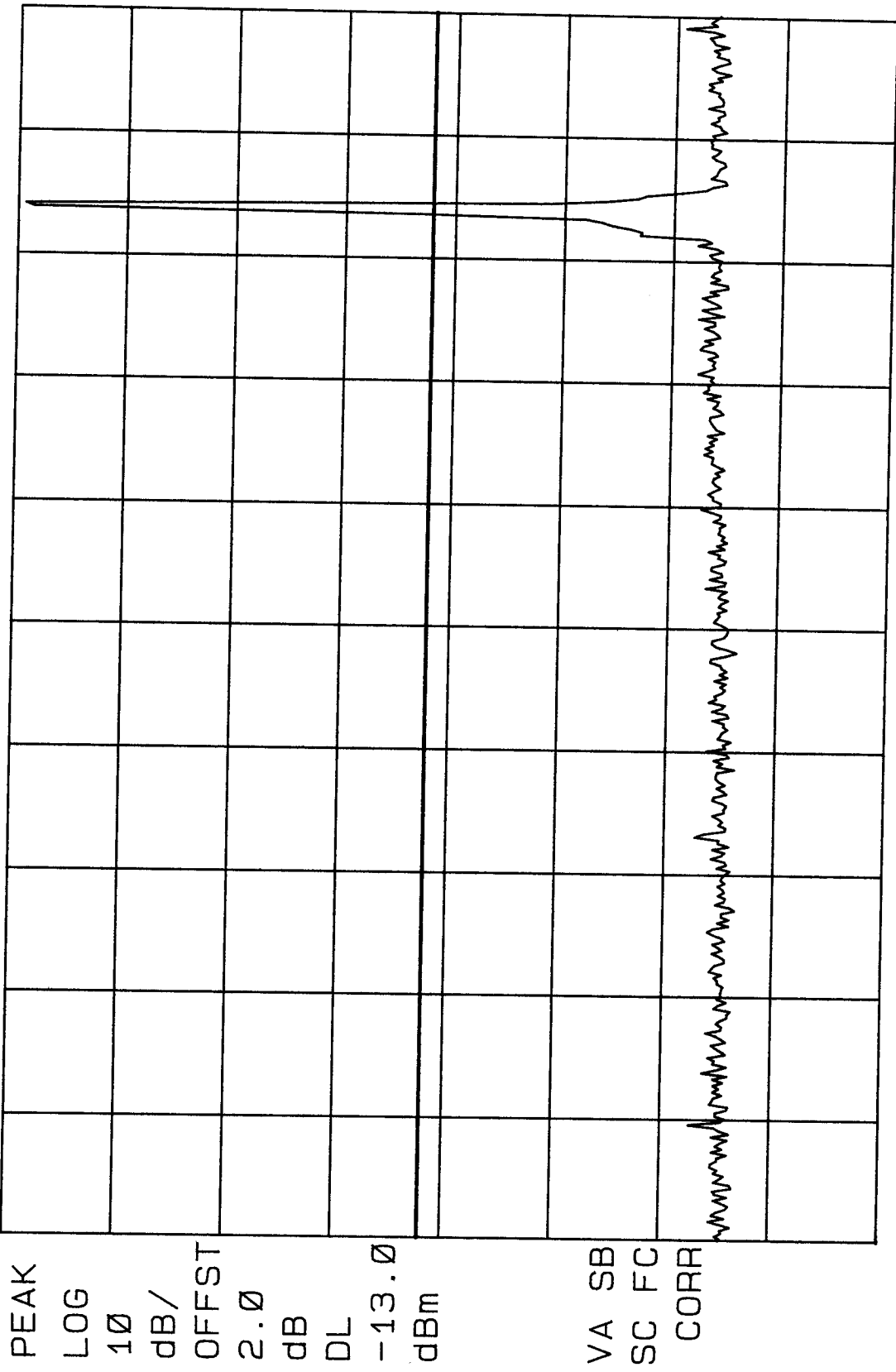
RES BW 1 MHz (i)

VBW 1 MHz

STOP 20.0 GHz

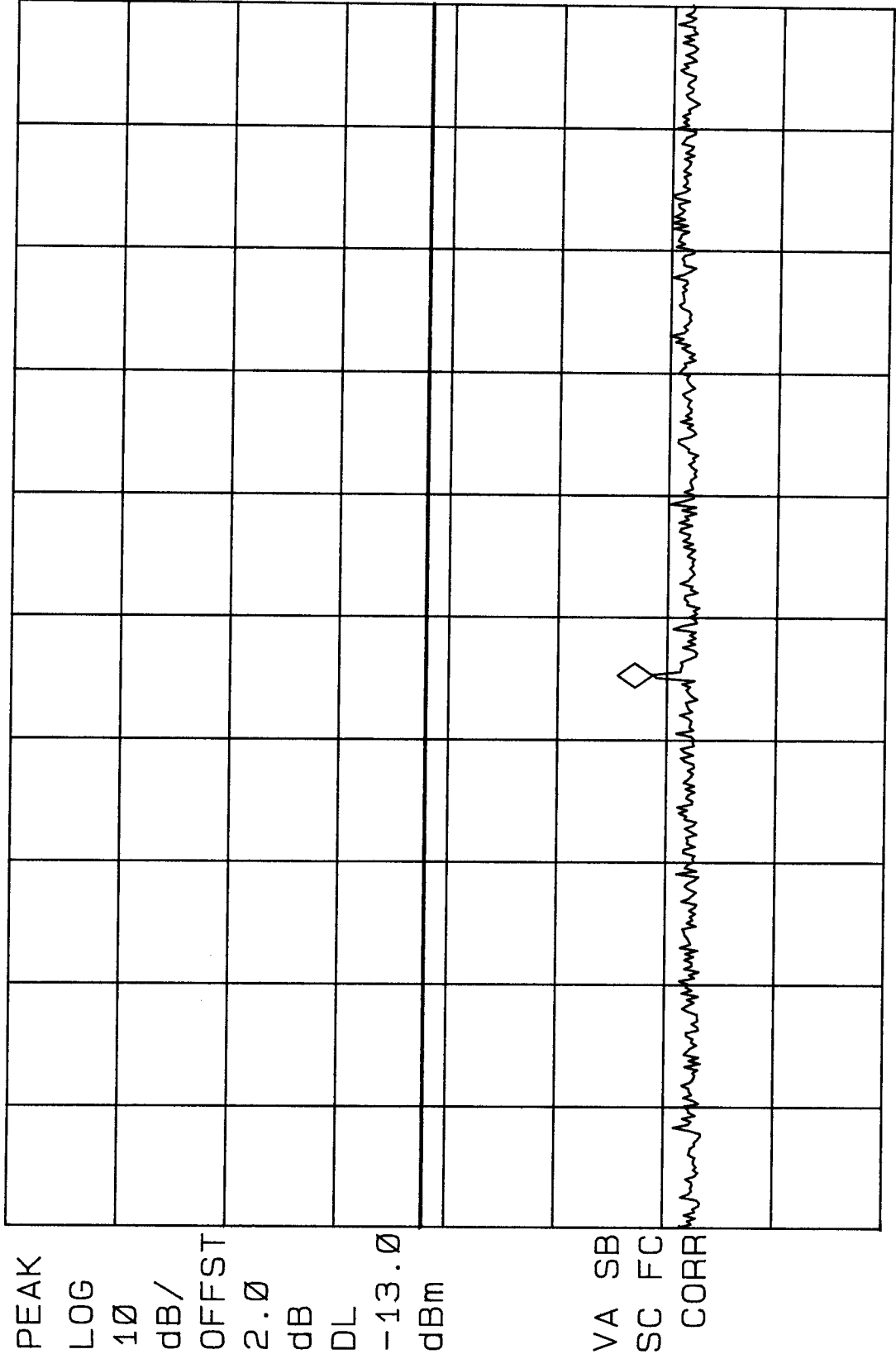
SWP 250 msec

FCC ID: L5ACMDM4 Ch. Mid Cond. Spur.
REF 25.0 dBm #ATTEN 40 dB



START 10.0 MHz #RES BW 1.0 MHz #VBW 1 MHz STOP 1.0000 GHz SWP 20 msec

FCC ID: L5ACMDM4 Ch. Mid Cond. Spur. MKR 1.679 GHz
 REF 25.0 dBm #ATTEN 40 dB -33.65 dBm



START 1.000 GHz #RES BW 1.0 MHz
 STOP 2.500 GHz #VBW 1 MHz
 SWP 30 msec

FCC ID-L5ACMDM4 Ch.Mid Cond.Spur.
REF 25.0 dBm ATTEN 40 dB + 20 dB MKR 6.603 GHz
-27.60 dBm

HP

10 dB/

POS PK

OFFSET

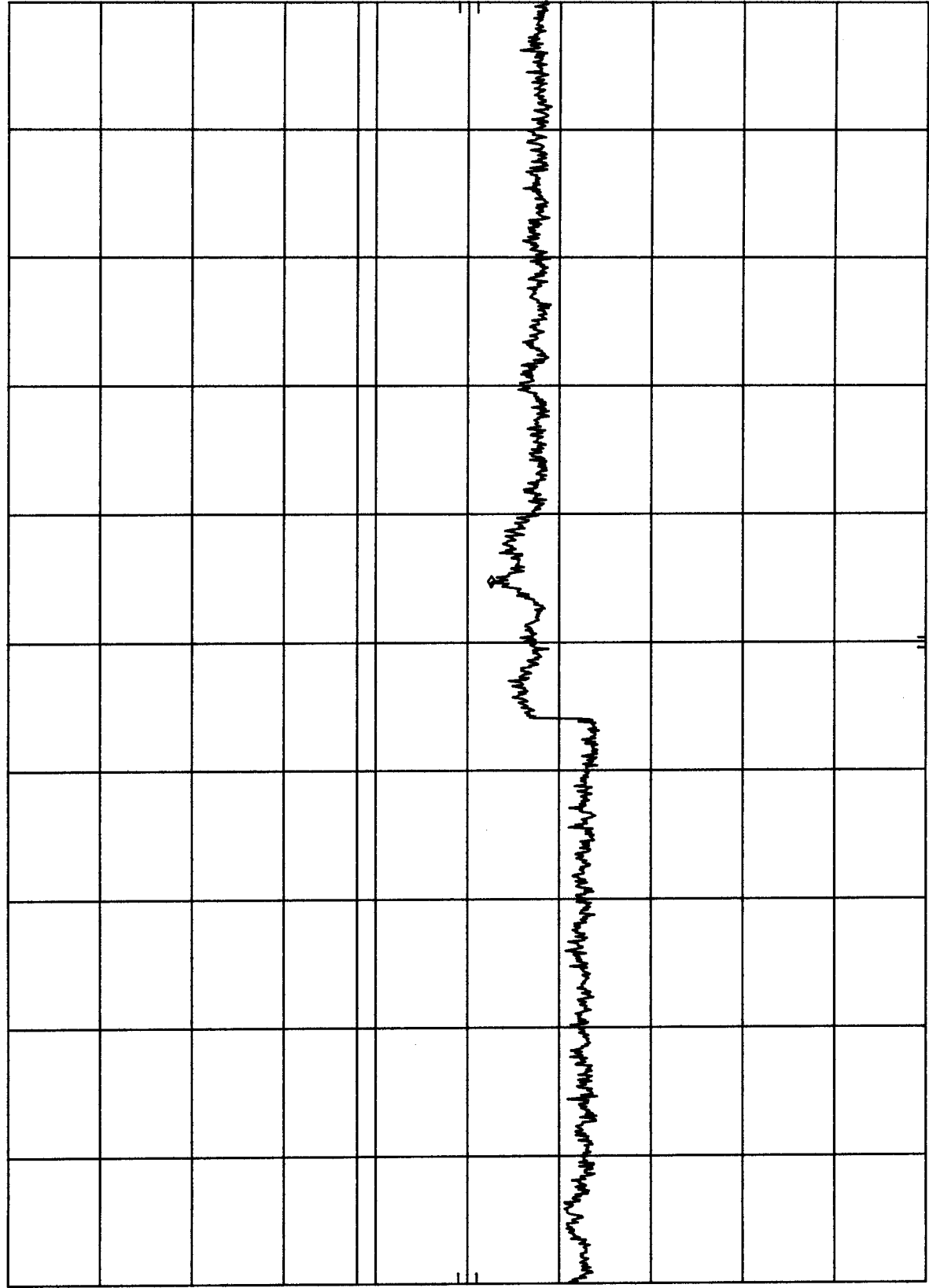
2.0

dB

DL

-13.0

dBm



START 2.50 GHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 10.00 GHz

SWP 188 msec

FCC ID-L5ACMDM4 Ch.Mid Cond.Spur.
MKR 19.46 GHz
REF 25.0 dBm ATTEN 40 dB + 20 dB
-19.90 dBm

HP

10 dB/

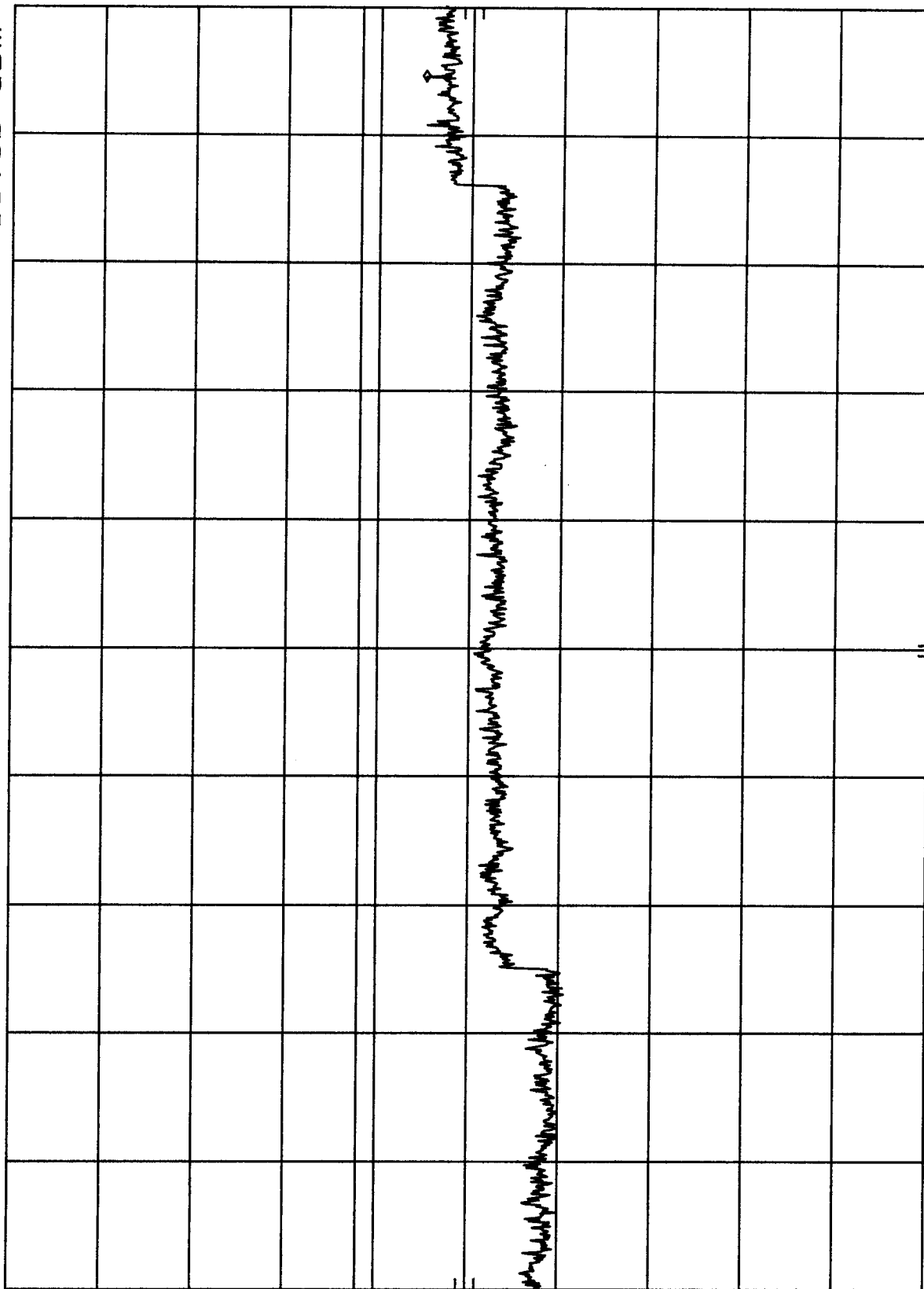
POS PK

OFFSET

2.0
dB

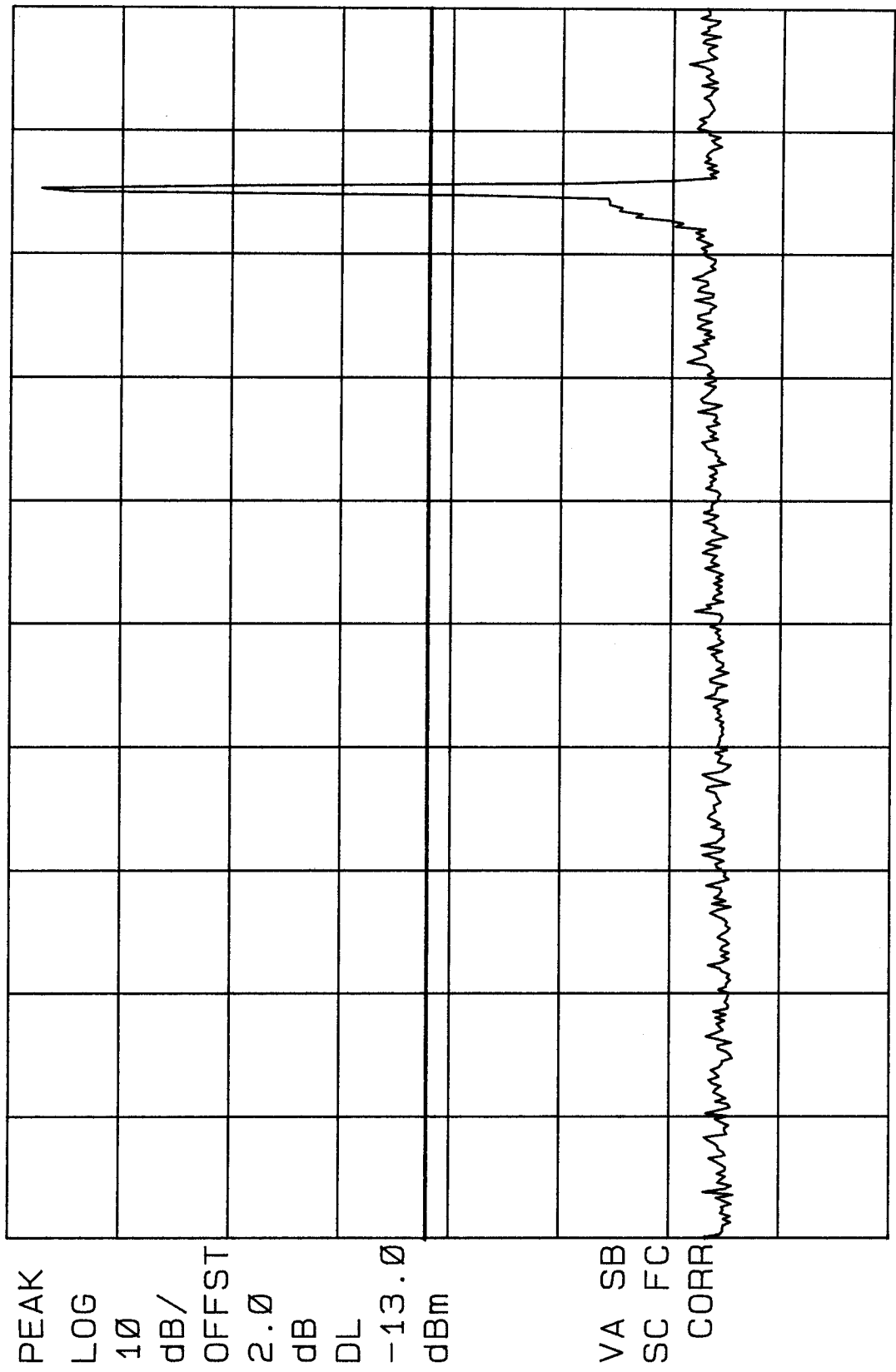
DL

-13.0
dBm



START 10.0 GHz RES BW 1 MHz (i) VBW 1 MHz STOP 20.0 GHz
SWP 250 msec

~~NO~~ FCC ID: L5ACMDM4 Ch. High Cond. Spur.
REF 25.0 dBm #ATTEN 40 dB

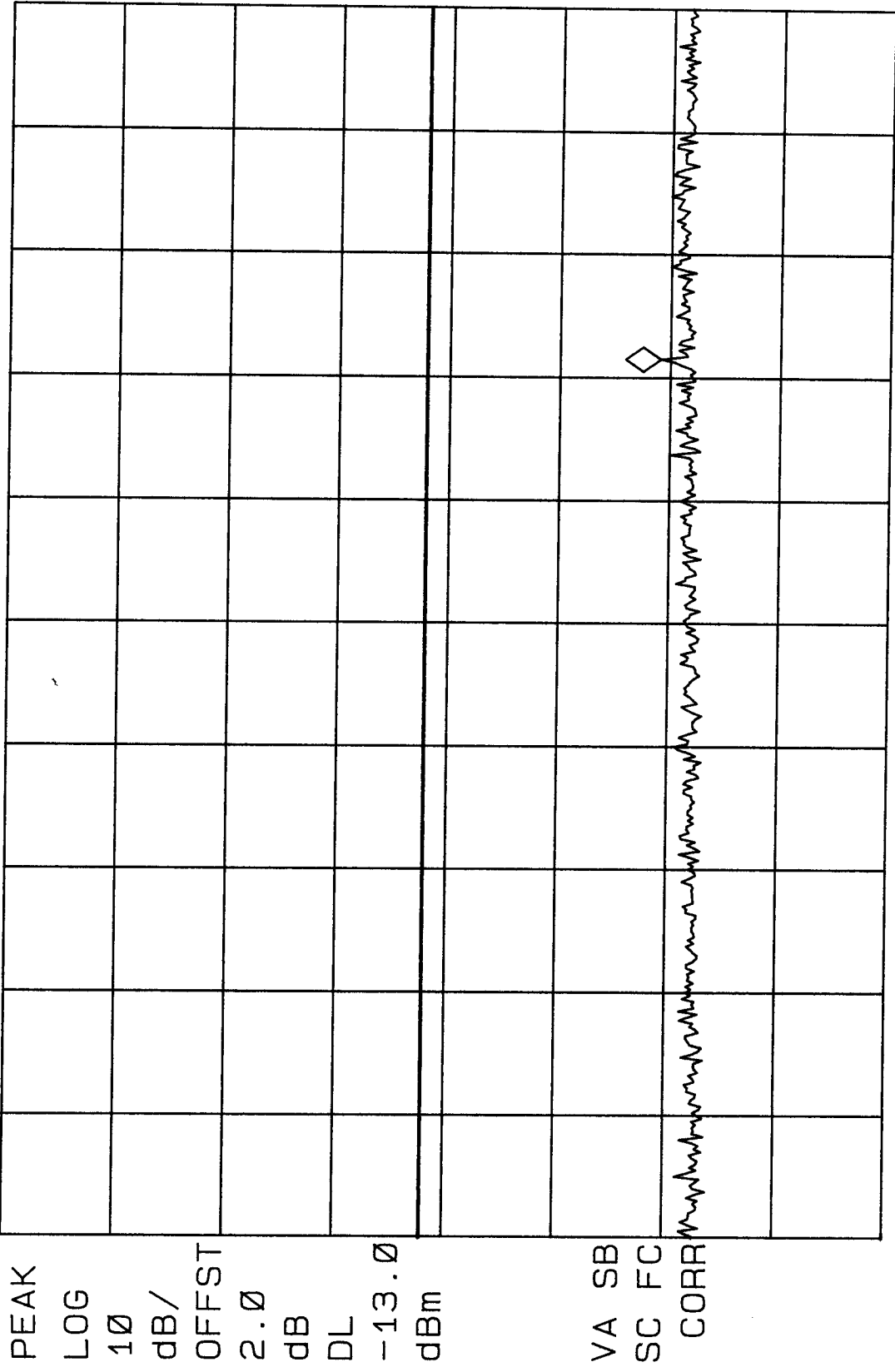


PEAK
LOG
10
dB/
OFFST
2.0
dB
DL
-13.0
dBm

VA SB
SC FC
CORR

START 10.0 MHz #RES BW 1.0 MHz STOP 1.0000 GHz #VBW 1 MHz SWP 20 msec

~~17~~ FCC ID: L5ACMDM4 Ch. High Cond. Spur. MKR 2.073 GHz
 REF 25.0 dBm #ATTEN 40 dB -34.12 dBm



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

 VA SB
 SC FC
 CORR

START 1.000 GHz #RES BW 1.0 MHz
 STOP 2.500 GHz #VBW 1 MHz SWP 30 msec

FCC ID-L5ACMDM4 Ch.High Cond.Spur.
REF 25.0 dBm ATTEN 40 dB + 20 dB MKR 6.588 GHz
-28.30 dBm

HP

10 dB/

POS PK

OFFSET

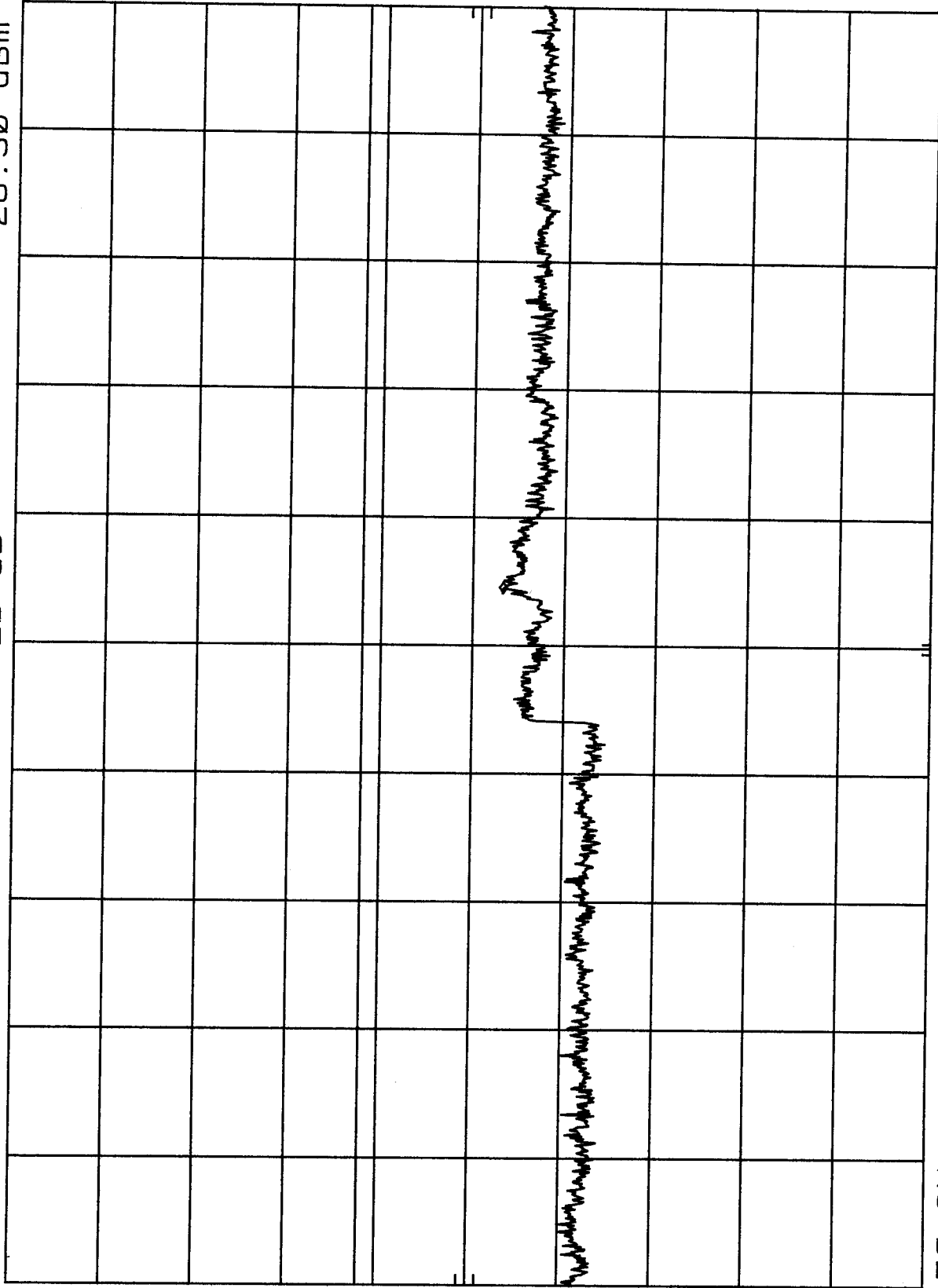
2.0

dB

DL

-13.0

dBm



START 2.50 GHz

RES BW 1 MHz (i)

VBW 1 MHz

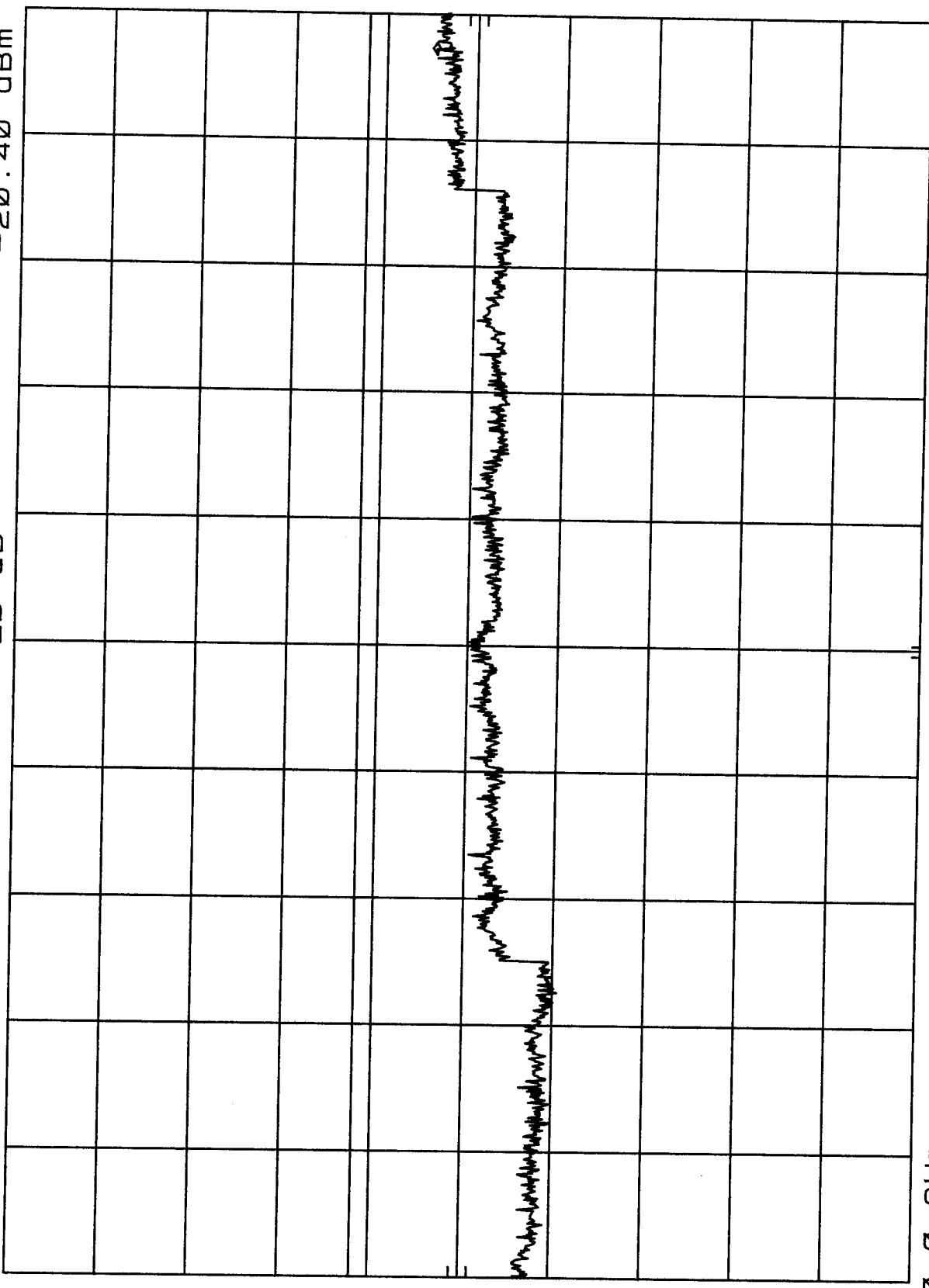
STOP 10.00 GHz

SWP 188 msec

FCC ID-L5ACMDM4 Ch.High Cond.Spur.
REF 25.0 dBm ATTEN 40 dB + 20 dB
MKR 19.72 GHz
-20.40 dBm

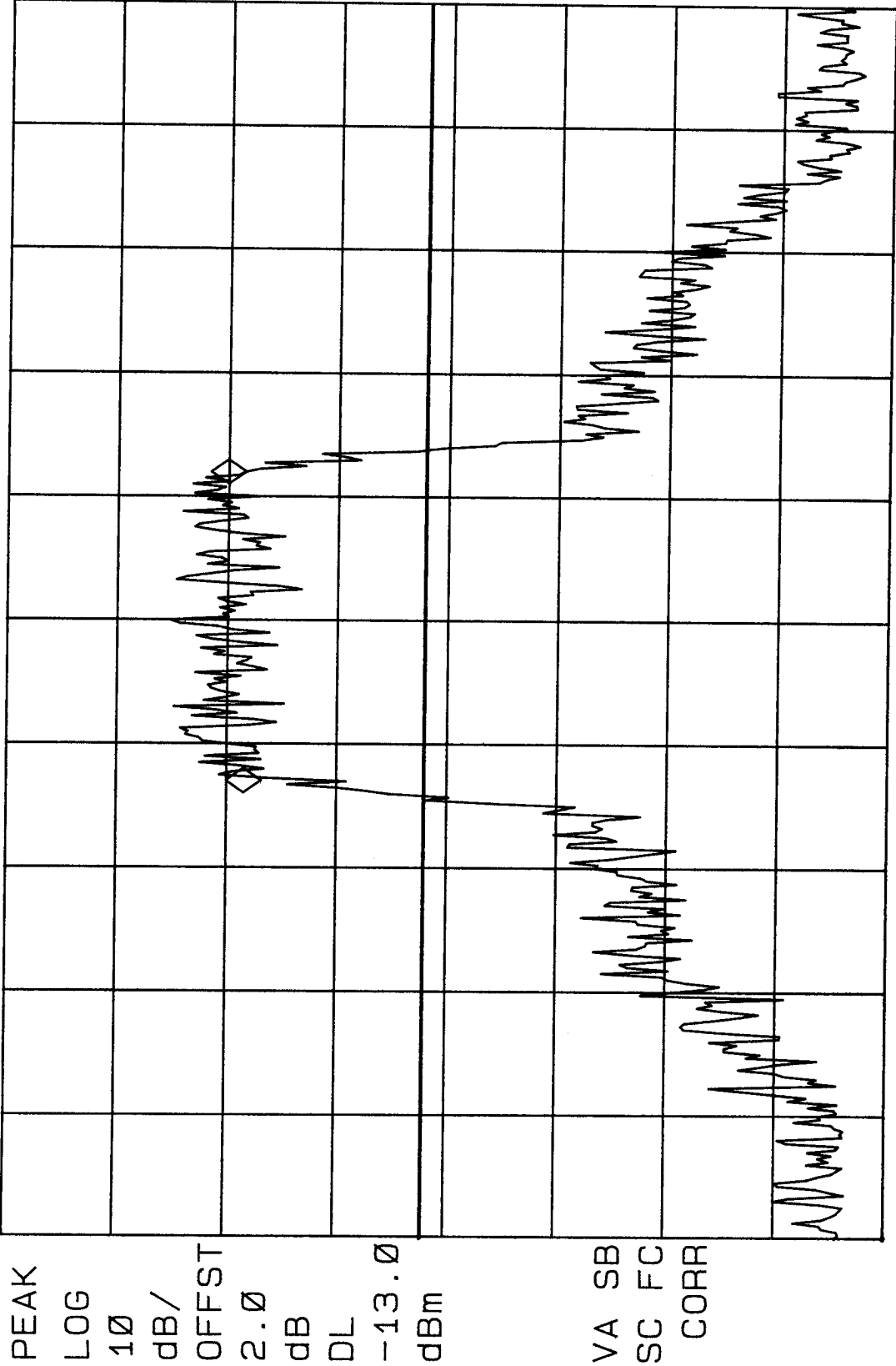
hp

10 dB/
POS PK
OFFSET
2.0
dB
DL
-13.0
dBm



START 10.0 GHz
RES BW 1 MHz (i) VBW 1 MHz STOP 20.0 GHz
SWP 250 msec

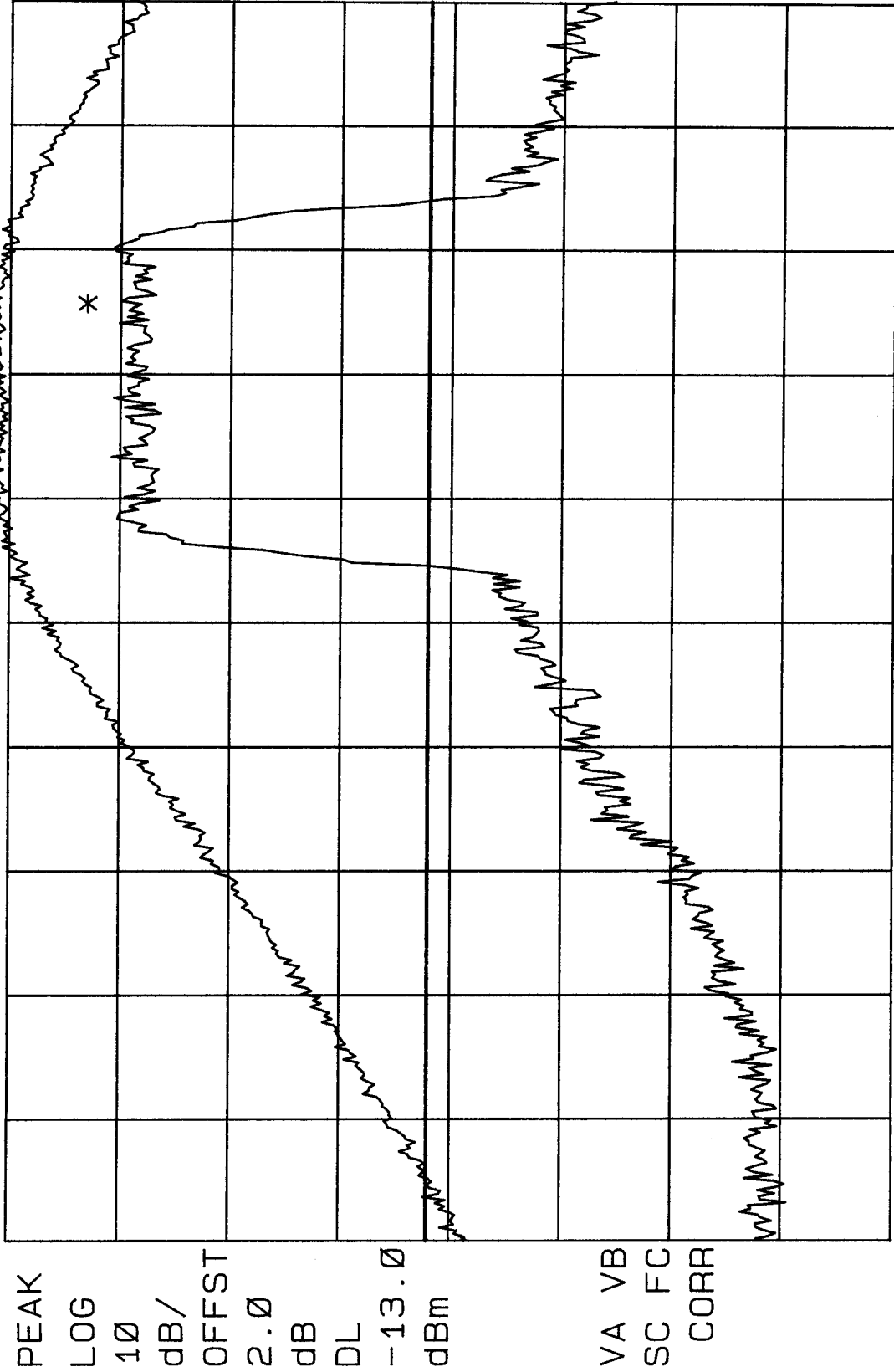
FCC ID: L5ACMDM4 99% Power BW MKR Δ 1.250 MHz
REF 25.0 dBm #ATTEN 40 dB 1.58 dB



CENTER 848.970 MHz SPAN 5.000 MHz
#RES BW 30 KHZ #VBW 30 KHZ SWP 20 msec

FCC ID: L5ACMDM4 Ch. Low

REF 25.0 dBm #ATTEN 40 dB



CENTER 824.040 MHz

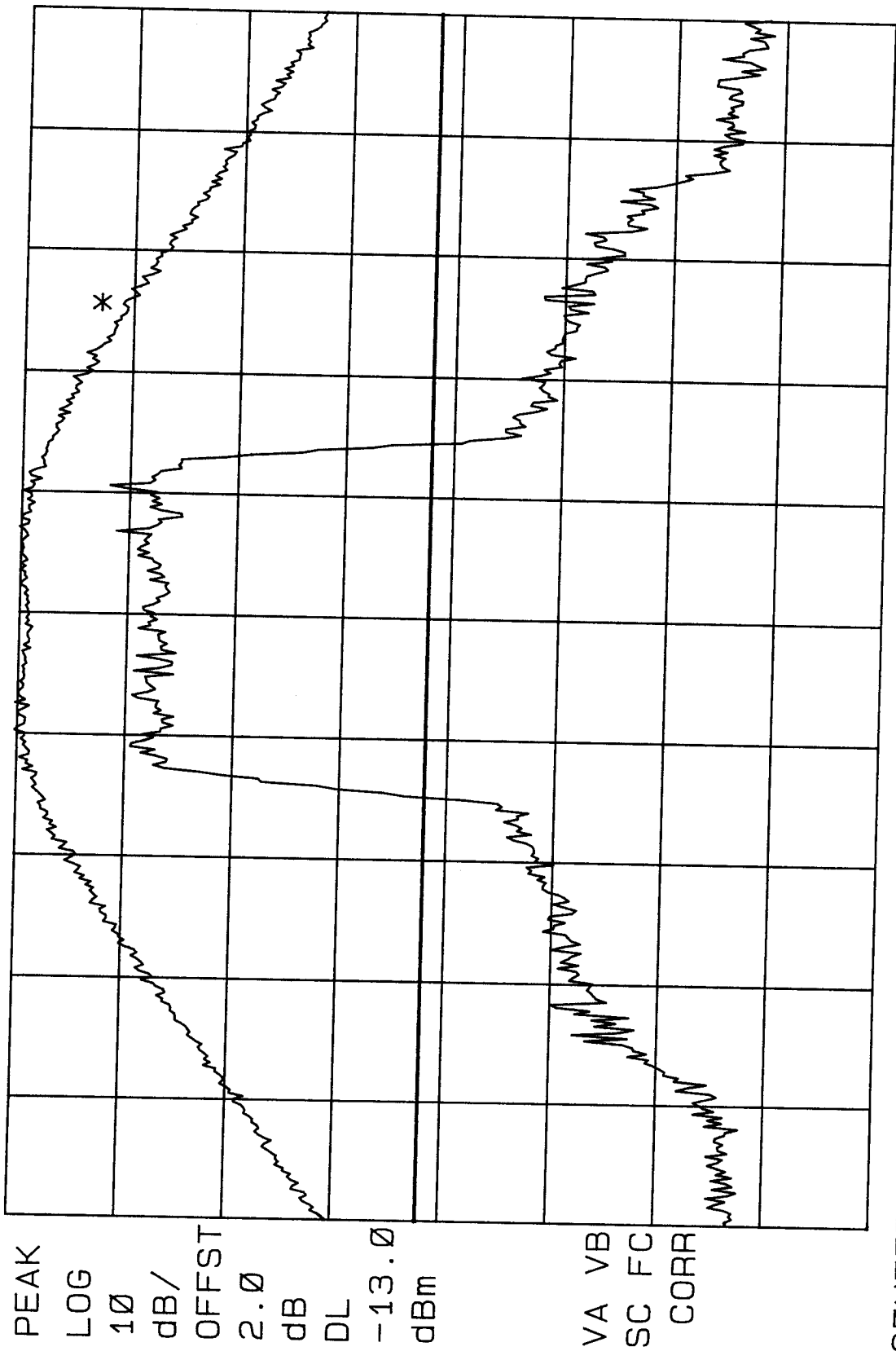
RES BW 30 KHZ

SPAN 5.000 MHz

#VBW 30 KHZ

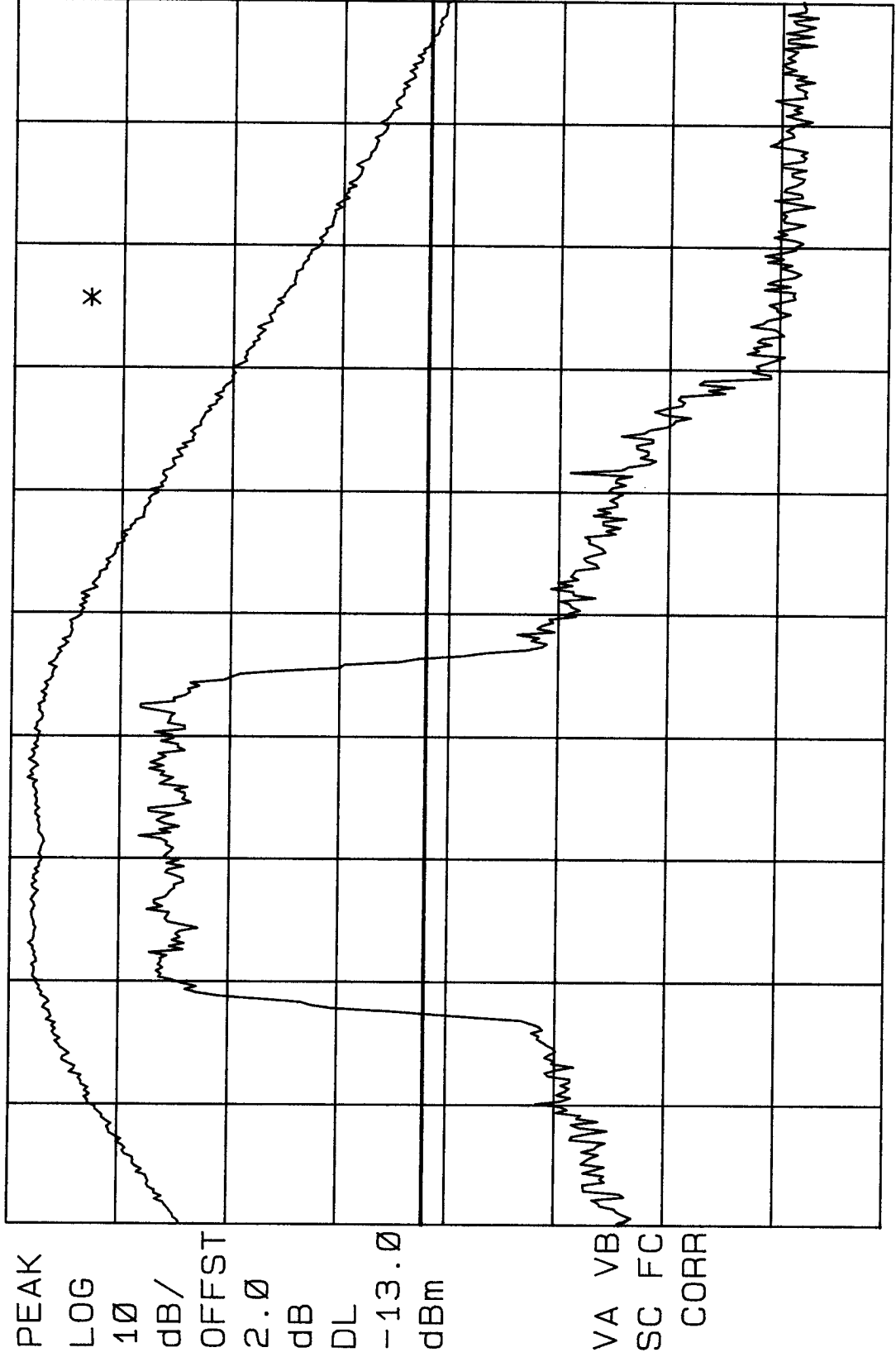
SWP 20 msec

FCC ID: L5ACMDM4 Ch. Med
REF 25.0 dBm #ATTEN 40 dB



CENTER 836.490 MHz
RES BW 30 KHZ
SPAN 5.000 MHz
SWP 20 msec
#VBW 30 KHZ

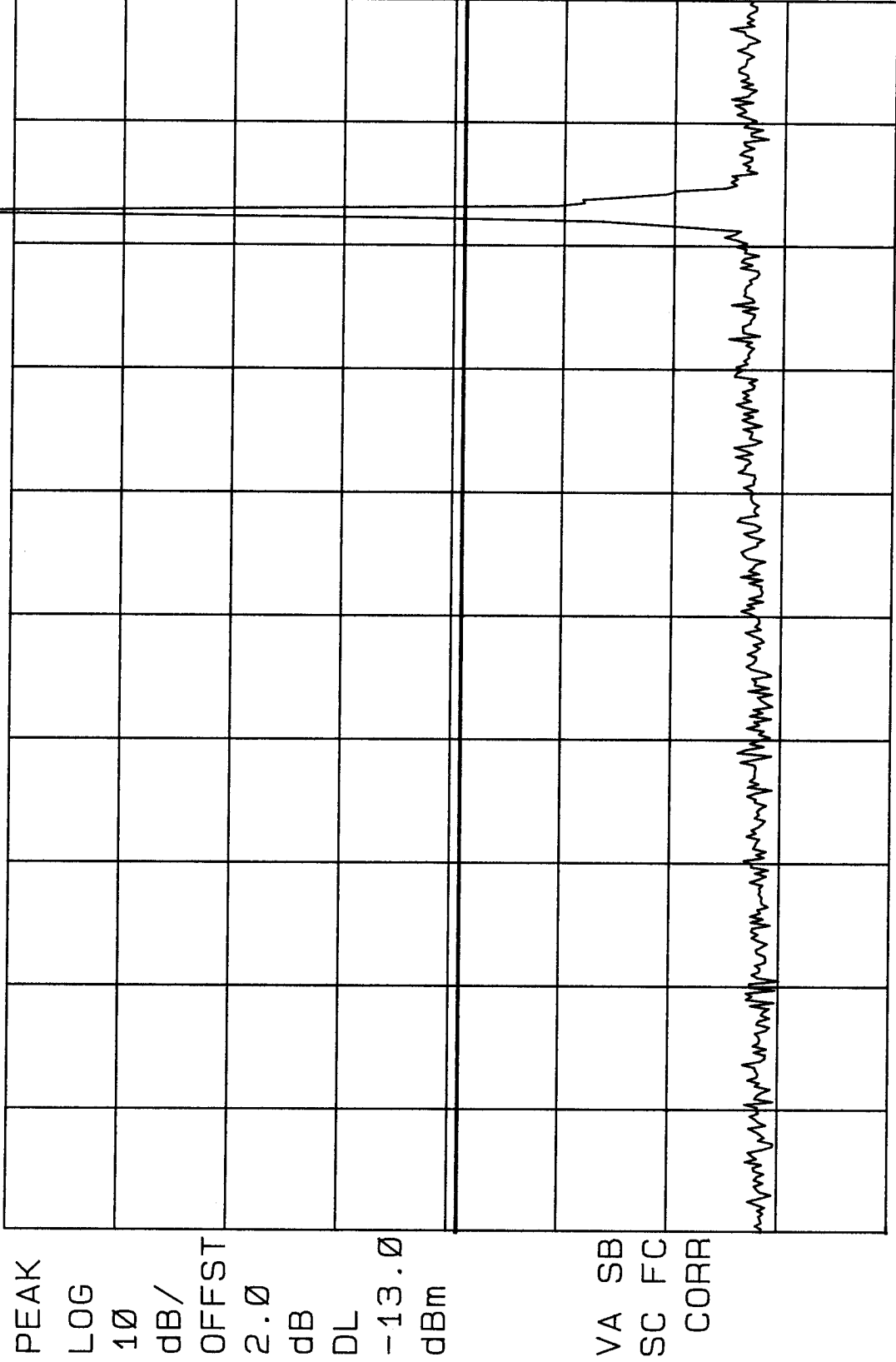
FCC ID: L5ACMDM4 Ch. High
REF 25.0 dBm #ATTEN 40 dB



CENTER 848.970 MHz
RES BW 30 KHZ
SPAN 5.000 MHz
SWP 20 msec
#VBW 30 KHZ

FCC ID: L5ACMDM4 Ch. Low Cond. Spur.

REF 28.0 dBm #ATTEN 40 dB



PEAK

LOG

10

dB/

OFFST

2.0

dB

DL

-13.0

dBm

VA SB

SC FC

CORR

START 10.0 MHz

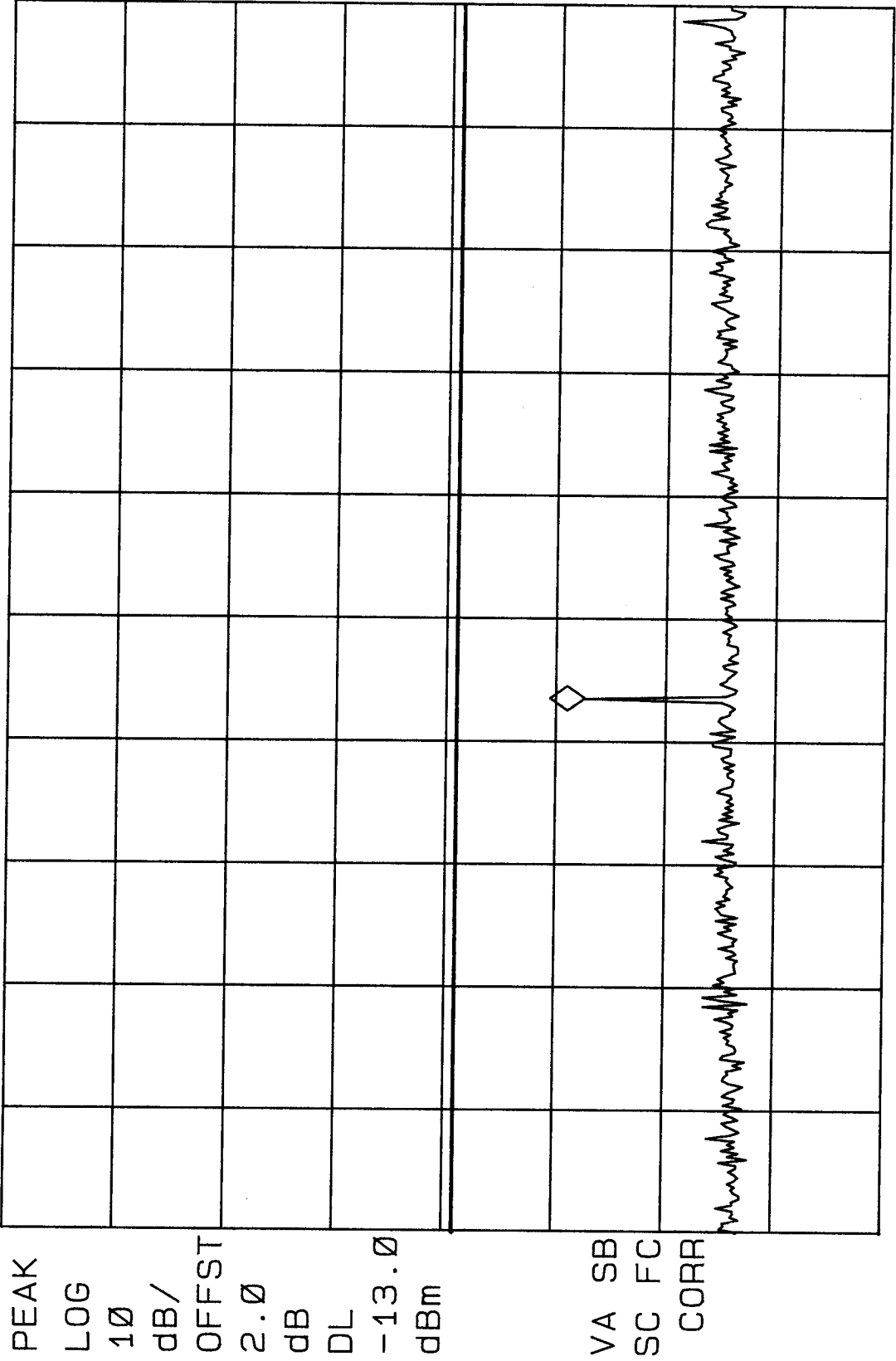
#RES BW 1.0 MHz

#VBW 1 MHz

STOP 1.0000 GHz

SWP 20 msec

FCC ID: L5ACMDM4 Ch. Low Cond.Spur. MKR 1.653 GHz
REF 28.0 dBm #ATTEN 40 dB -24.63 dBm



START 1.000 GHz #RES BW 1.0 MHz STOP 2.500 GHz
#VBW 1 MHz SWP 30 msec

FCC ID-L5ACMDM4 Ch.Low Cond.Spur.
 REF 28.0 dBm ATTEN 40 dB + 20 dB
 MKR 6.595 GHz
 -28.50 dBm

hp

10 dB/

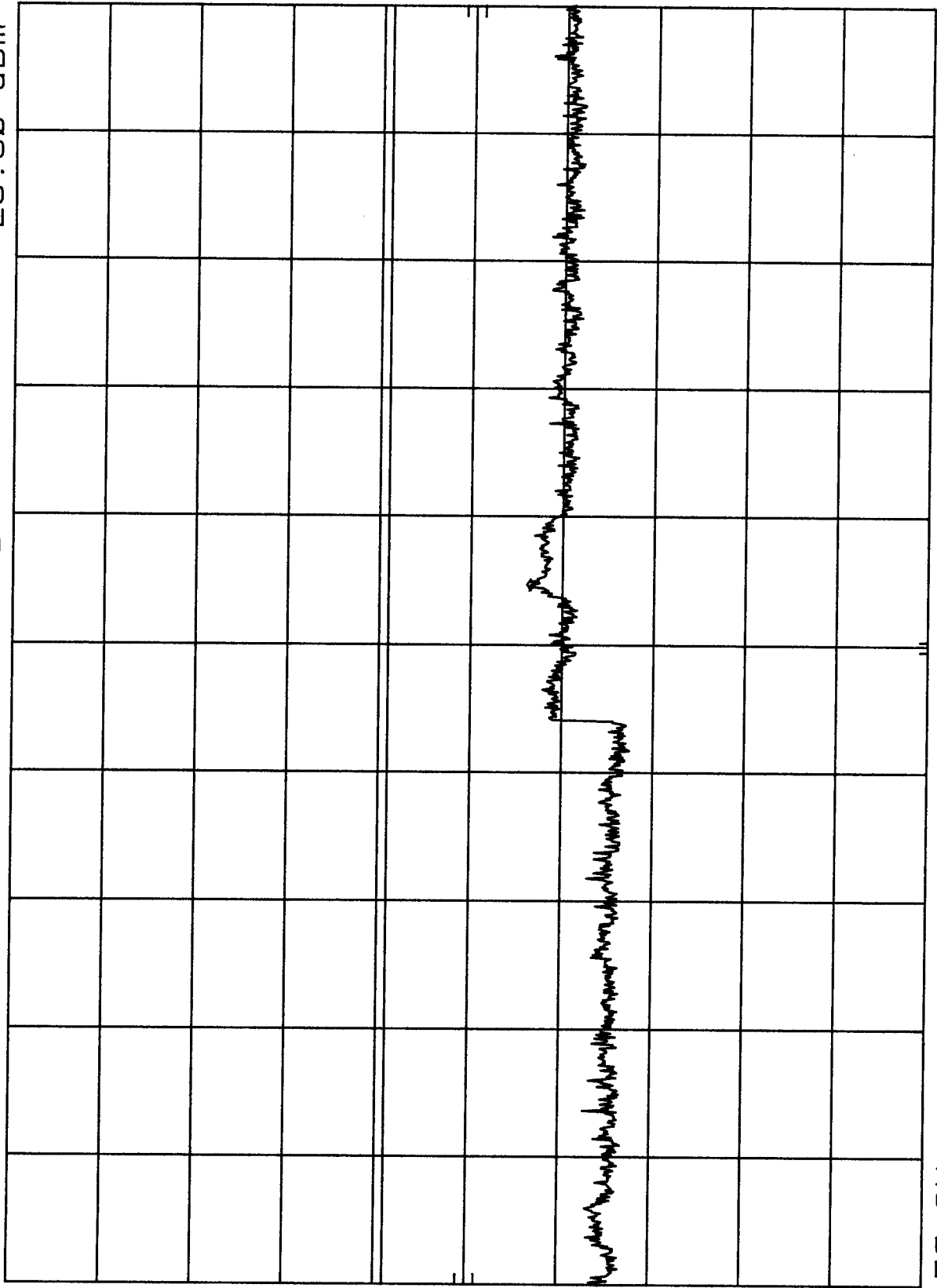
POS PK

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

FCC ID-L5ACMDM4 Ch.Low Cond.Spur.
REF 28.0 dBm ATTEN 40 dB + 20 dB
MKR 19.86 GHz
-20.30 dBm

HP

10 dB/

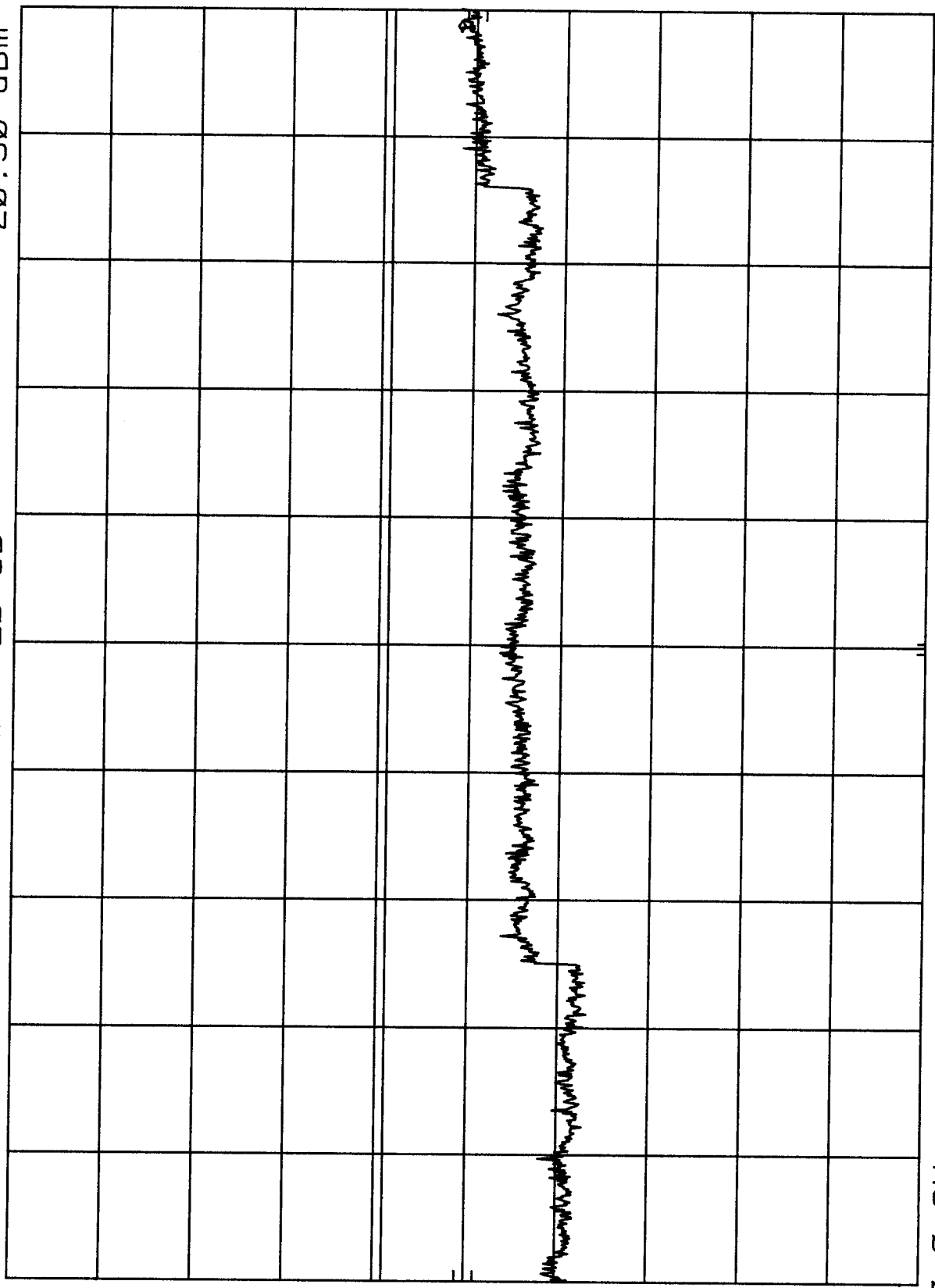
POS PK

OFFSET

2.0
dB

DL

-13.0
dBm



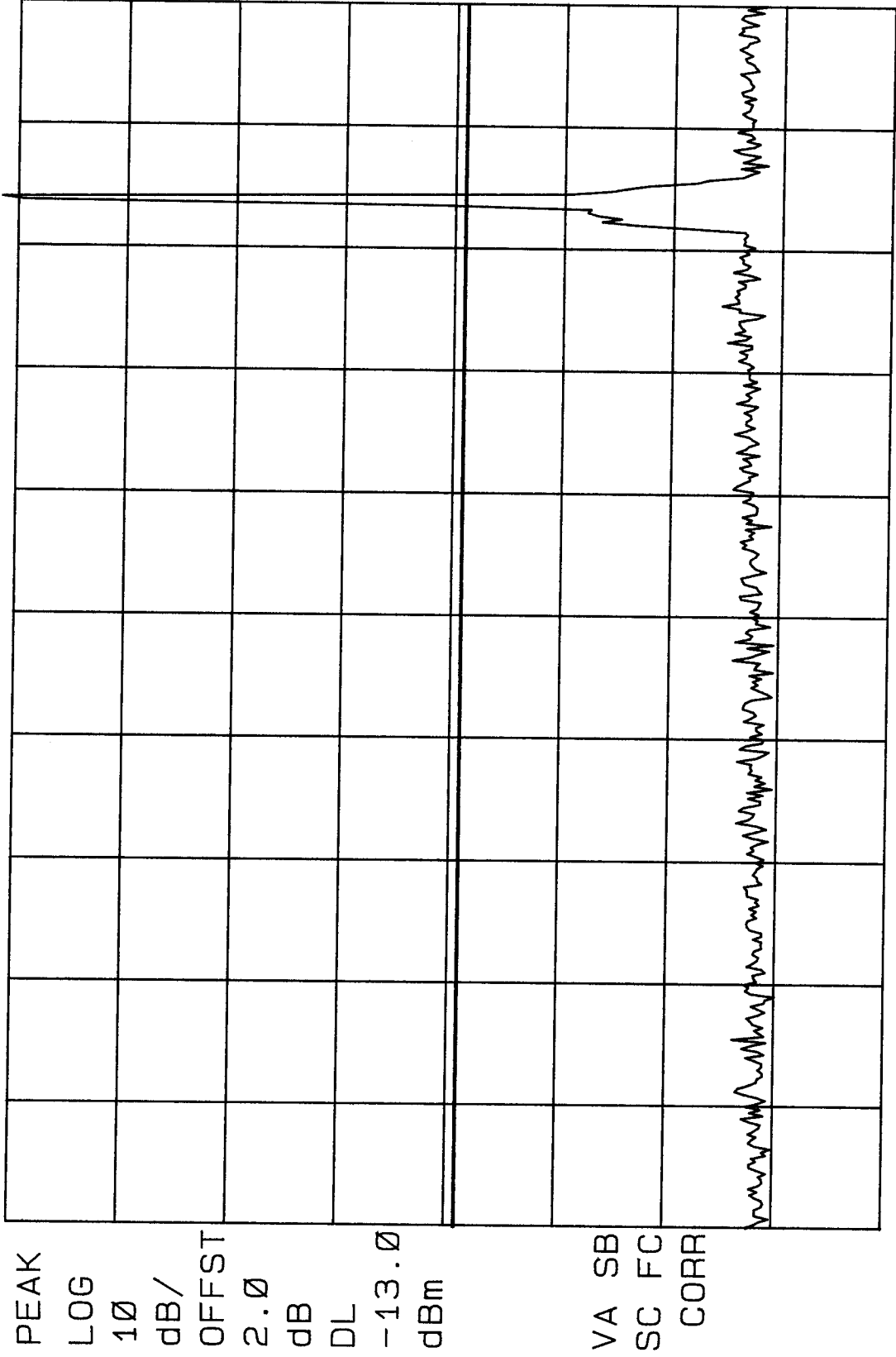
START 10.0 GHz

RES BW 1 MHz (1)

VBW 1 MHz

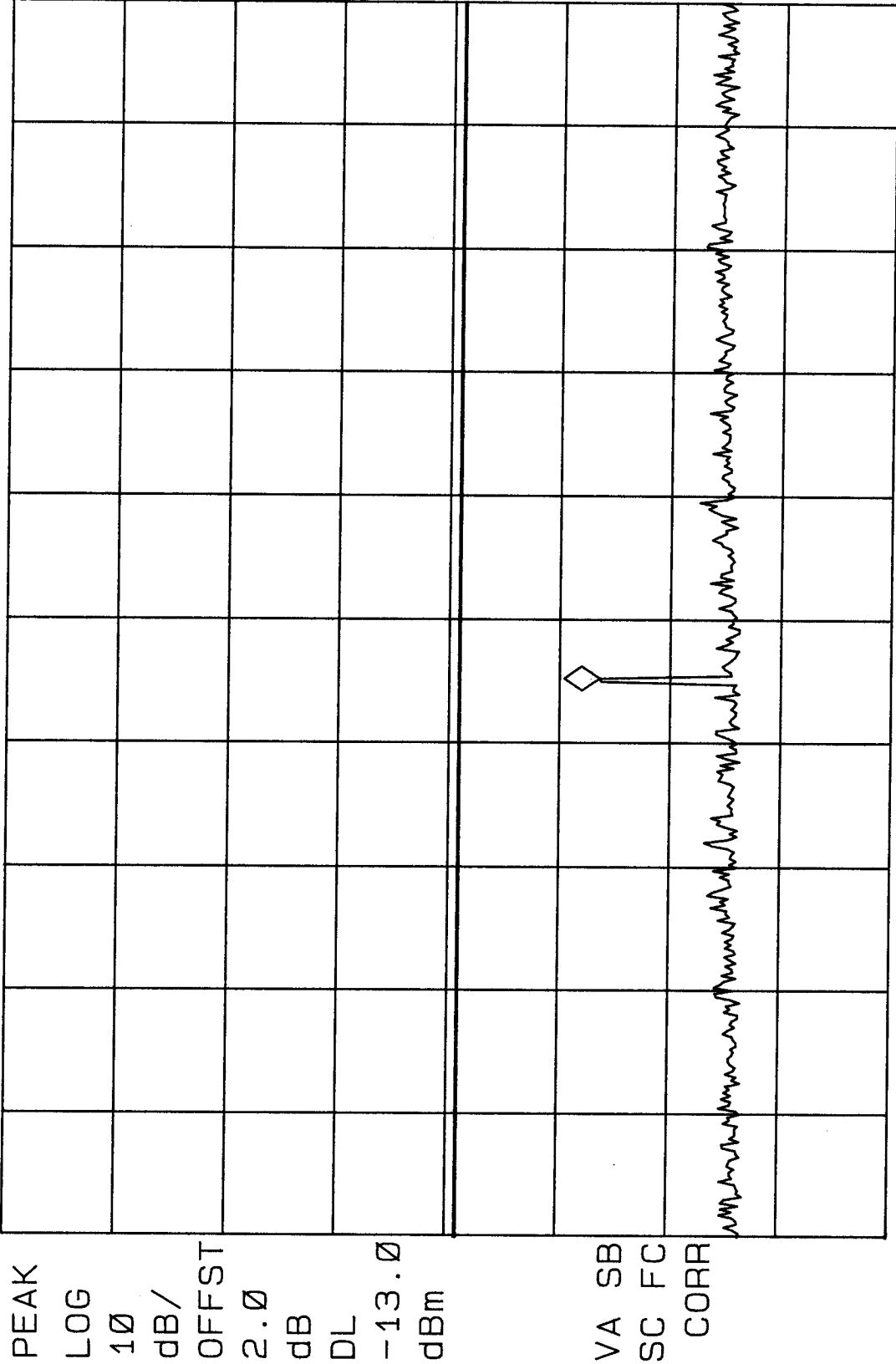
STOP 20.0 GHz
SWP 250 msec

FCC ID: L5ACMDM4 Ch. Med Cond. Spur.
REF 28.0 dBm #ATTEN 40 dB



START 10.0 MHz #RES BW 1.0 MHz STOP 1.0000 GHz #VBW 1 MHz SWP 20 msec

FCC ID: L5ACMDM4 Ch. Med Cond. Spur. MKR 1.679 GHz
REF 28.0 dBm #ATTEN 40 dB -25.60 dBm



START 1.000 GHz #RES BW 1.0 MHz STOP 2.500 GHz #VBW 1 MHz SWP 30 msec

FCC ID-L5ACMDM4 Ch. Med Cond. Spur.
REF 28.0 dBm ATTEN 40 dB + 20 dB
MKR 6.633 GHz
-26.50 dBm

hp

10 dB/

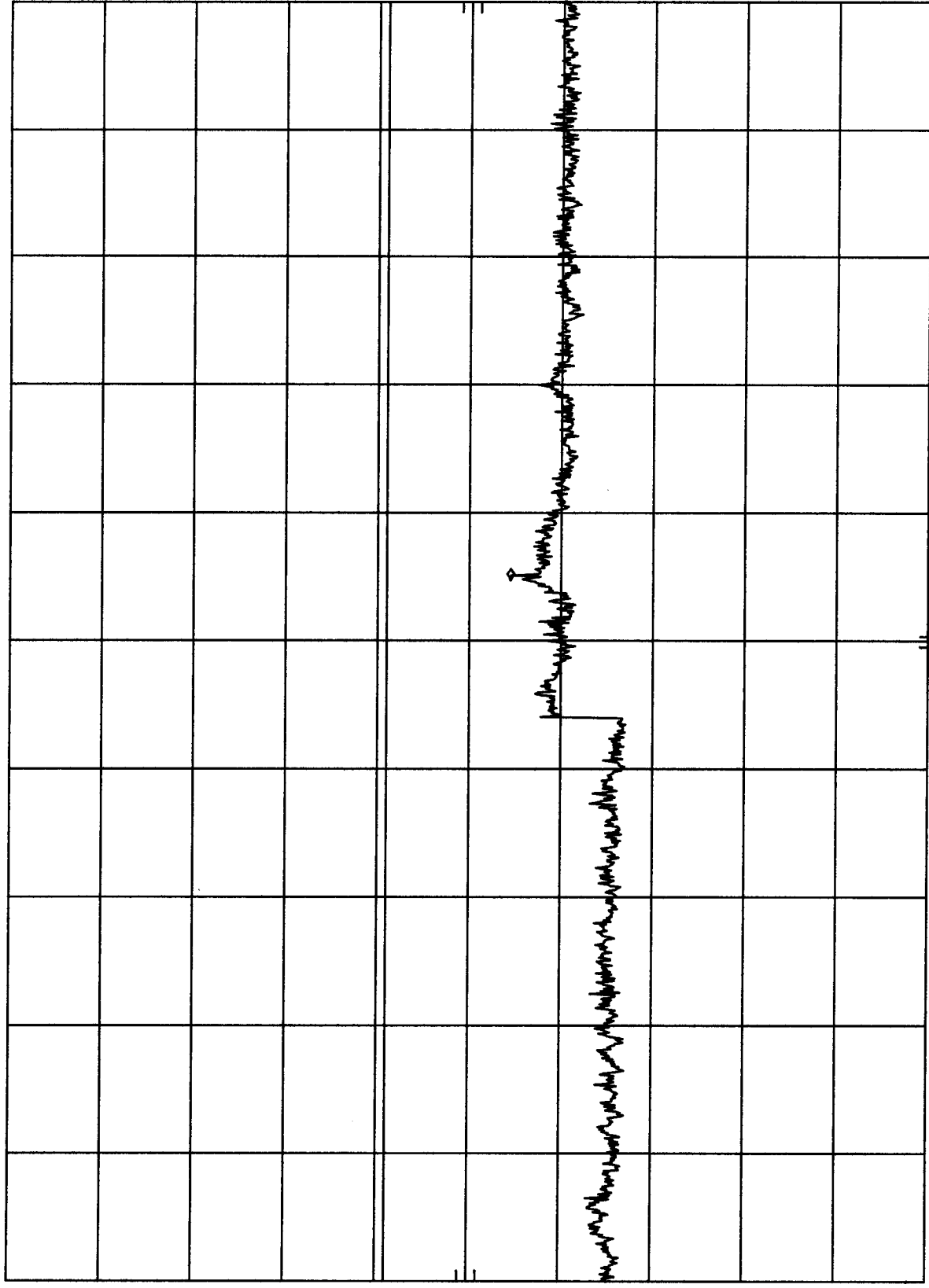
POS PK

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

FCC ID-L5ACMDM4 Ch. Med Cond. Spur.
REF 28.0 dBm ATTEN 40 dB + 20 dB
MKR 19.27 GHz
-20.10 dBm

hp

10 dB/

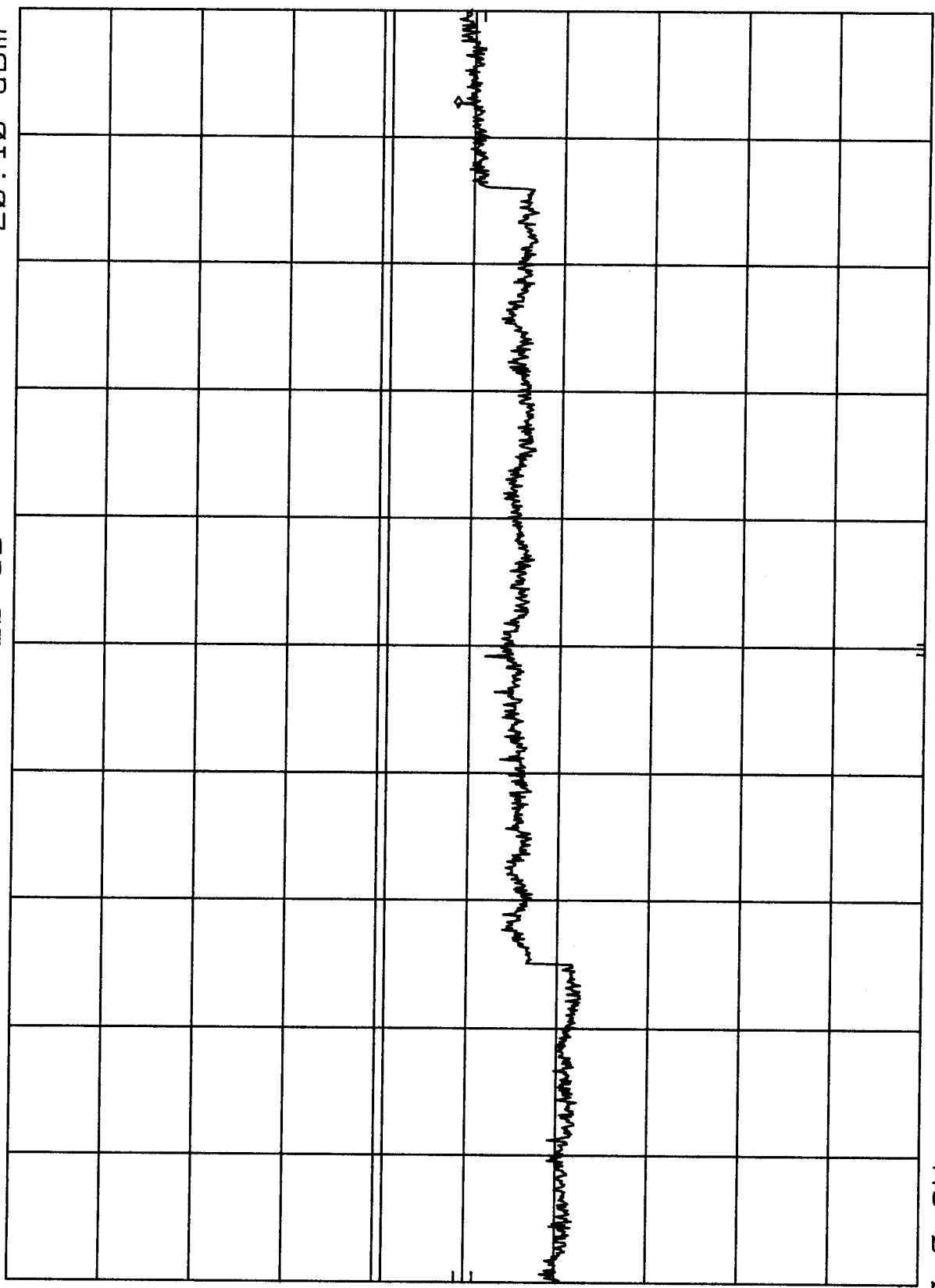
POS PK

OFFSET

2.0
dB

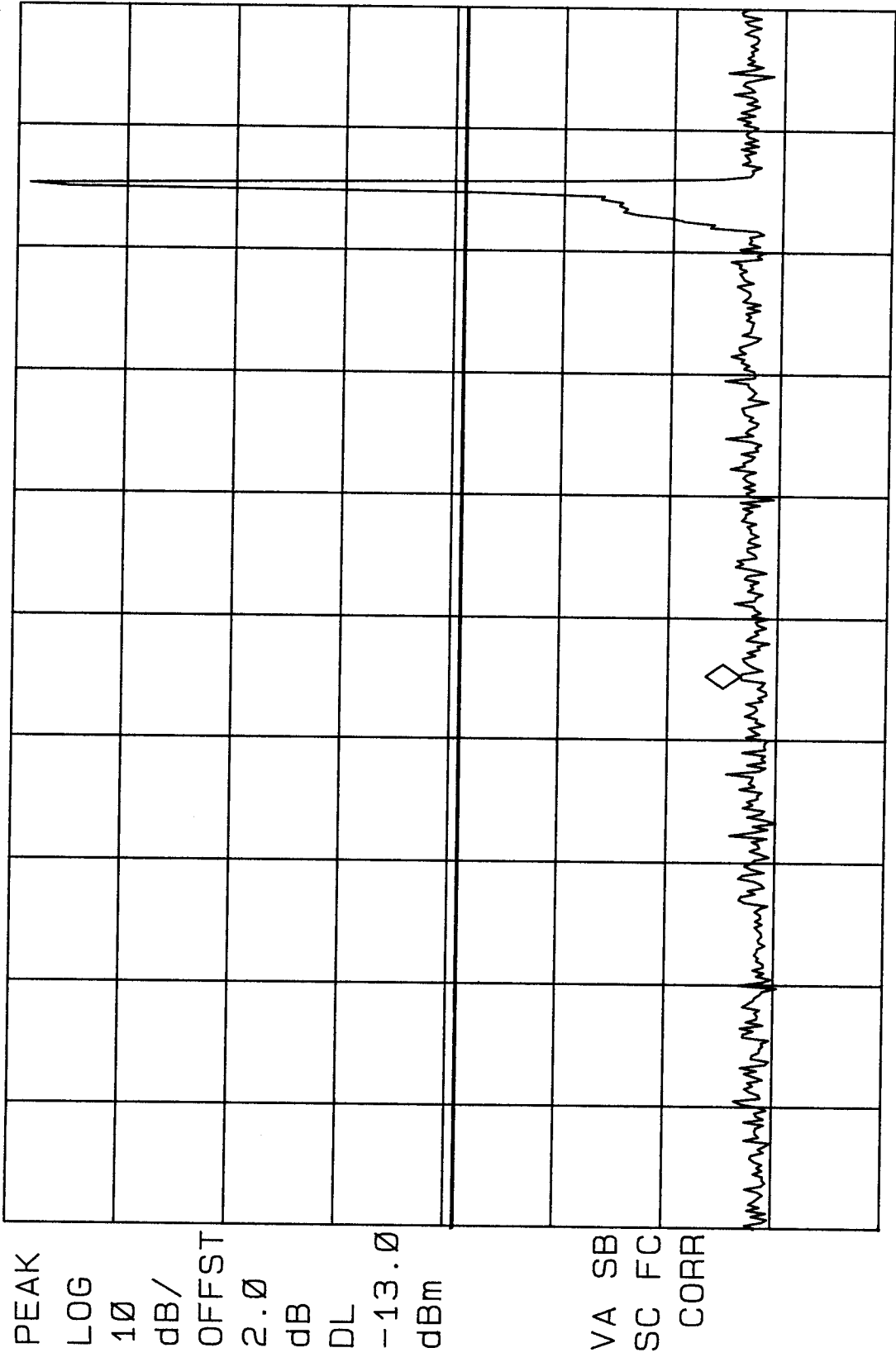
DL

-13.0
dBm



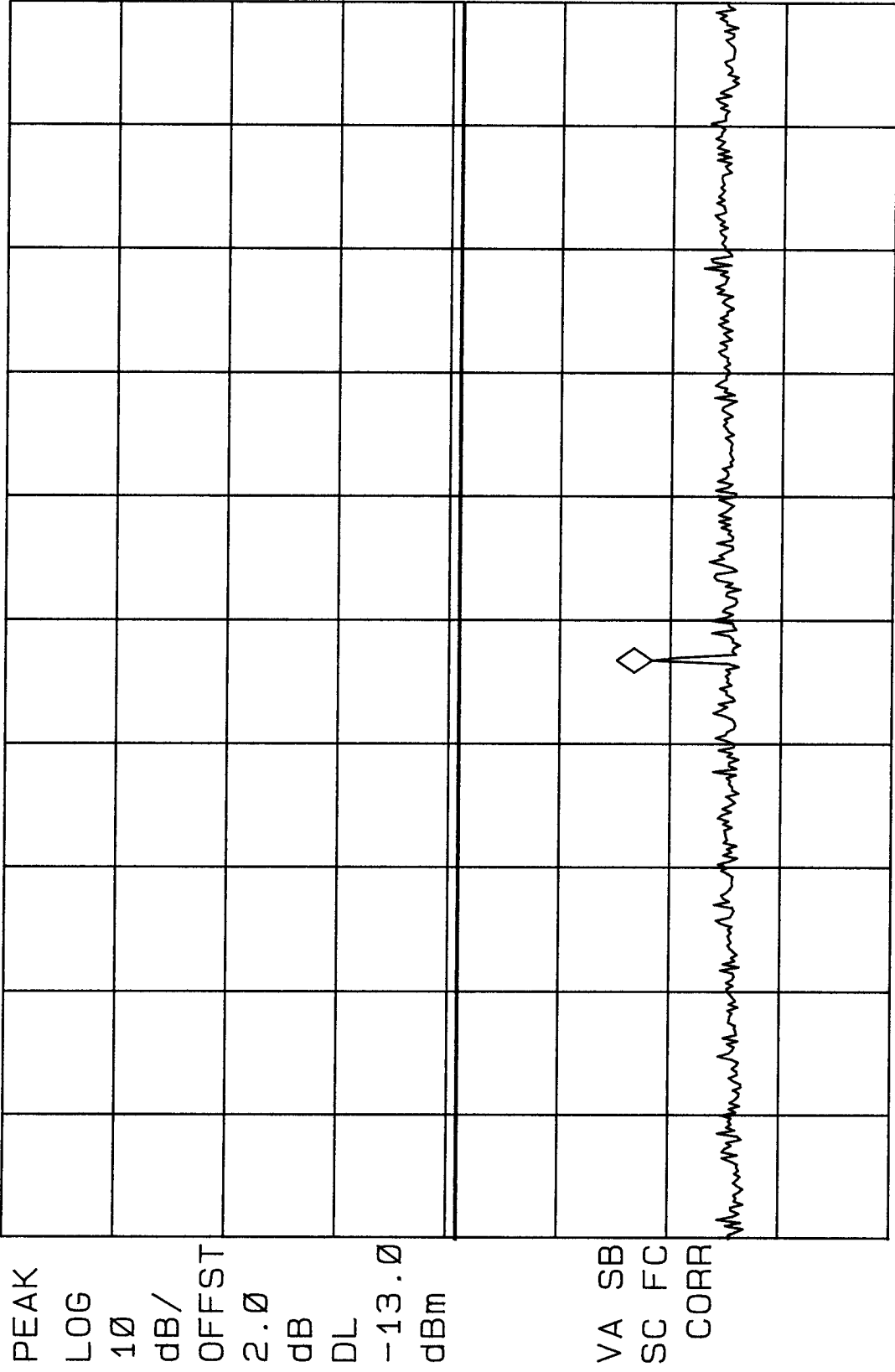
START 10.0 GHz RES BW 1 MHz (1) VBW 1 MHz STOP 20.0 GHz
SWP 250 msec

FCC ID: L5ACMDM4 Ch. High Cond. Spur. MKR 458.0 MHz
REF 28.0 dBm #ATTEN 40 dB -38.65 dBm



START 10.0 MHz STOP 1.0000 GHz
#RES BW 1.0 MHz #VBW 1 MHz SWP 20 msec

~~NO~~ FCC ID: L5ACMDM4 Ch. High Cond. Spur. MKR 1.701 GHz
 REF 28.0 dBm #ATTEN 40 dB -30.32 dBm



START 1.000 GHz #RES BW 1.0 MHz STOP 2.500 GHz
 #VBW 1 MHz SWP 30 msec

FCC ID-L5ACMDM4 Ch.High Cond.Spur.
REF 28.0 dBm ATTEN 40 dB + 20 dB MKR 6.723 GHz
-27.90 dBm

hp

10 dB/

POS PK

OFFSET

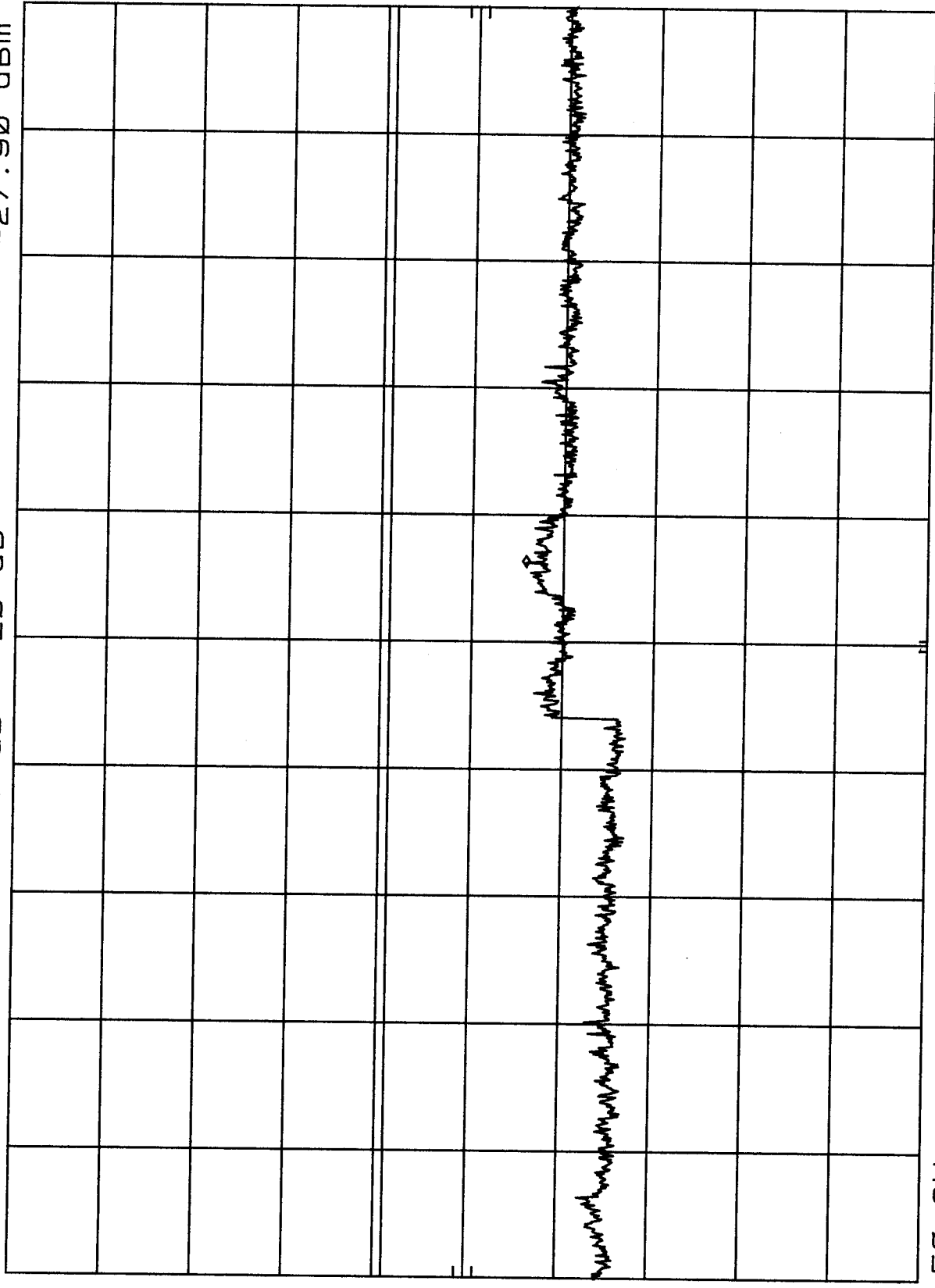
2.0

dB

DL

-13.0

dBm



START 2.50 GHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 10.00 GHz

SWP 188 msec

FCC ID-L5ACMDM4 Ch.High Cond.Spur.
ATTEN 40 dB + 20 dB

MKR 19.92 GHz
-20.20 dBm

hp

10 dB/

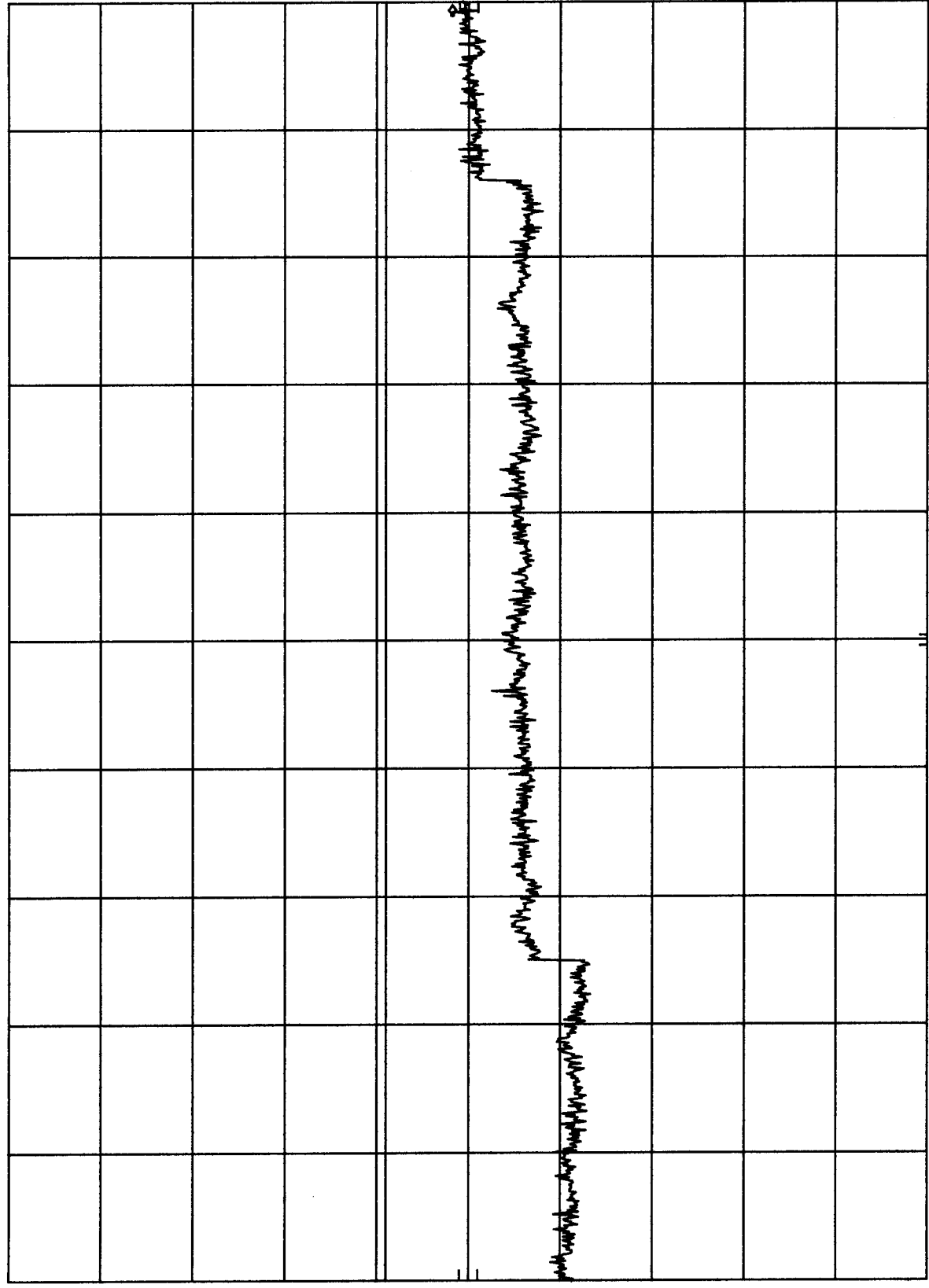
POS PK

OFFSET

2.0
dB

DL

-13.0
dBm



START 10.0 GHz

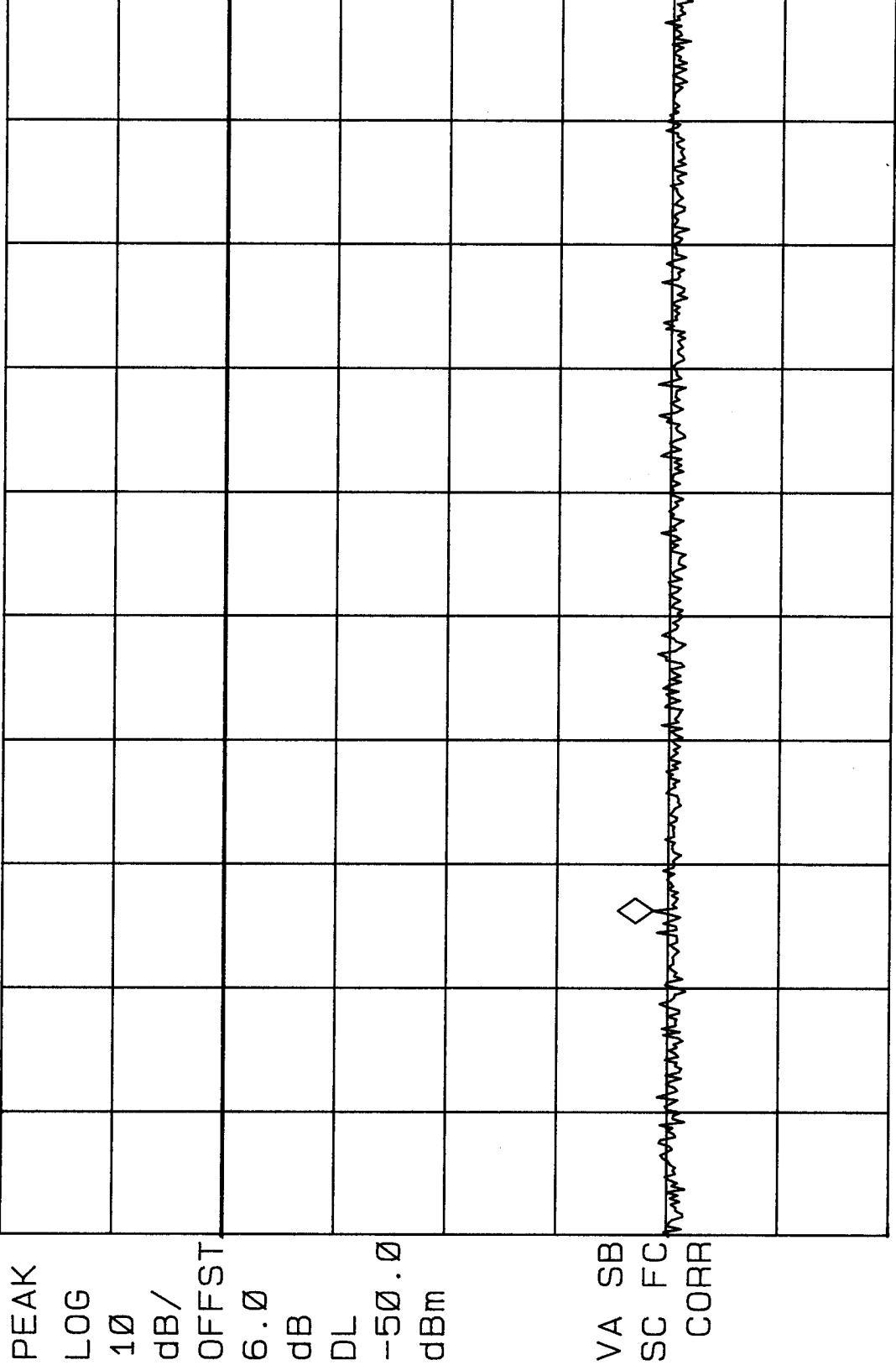
RES BW 1 MHz (i)

VBW 1 MHz

STOP 20.0 GHz

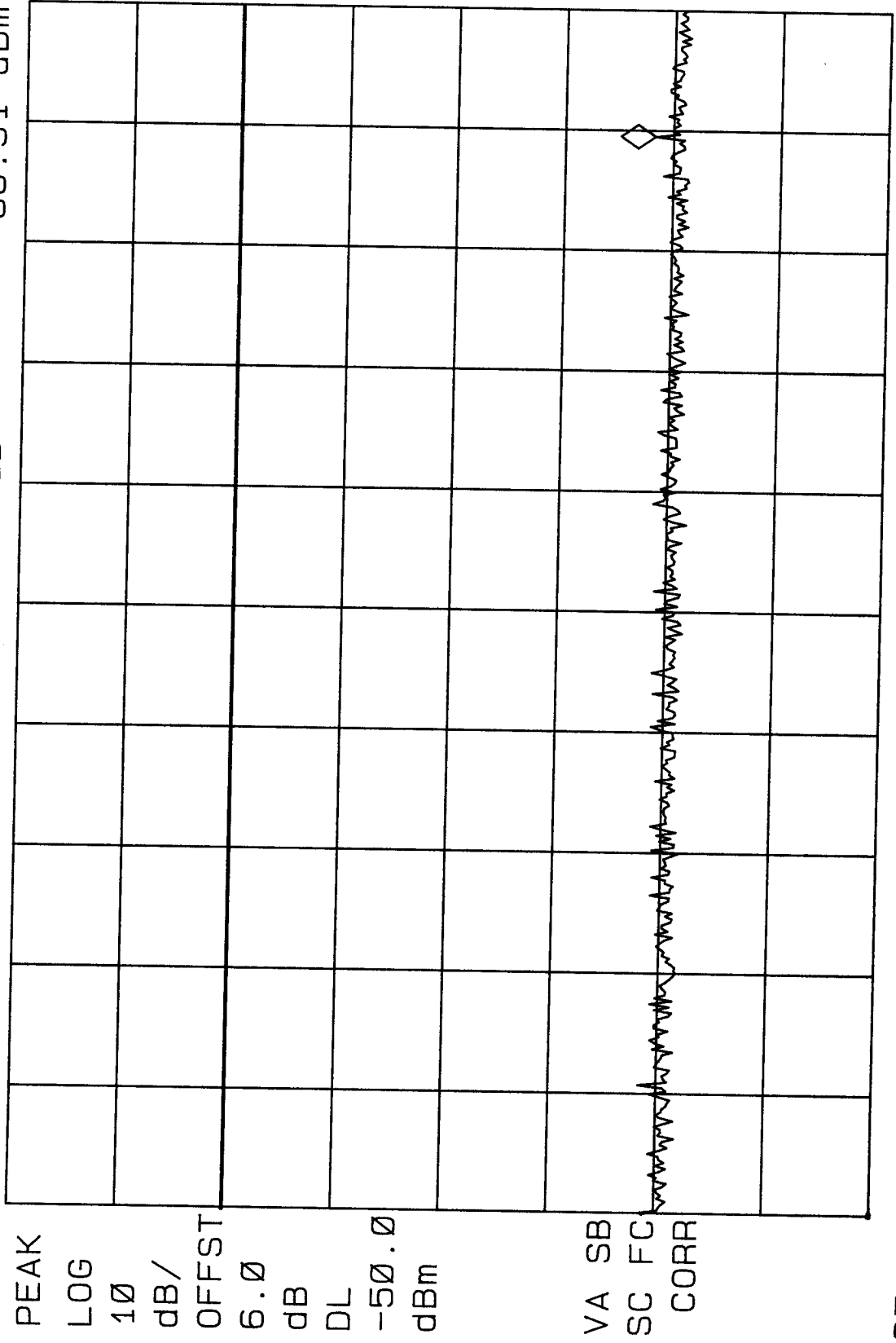
SWP 250 msec

FCC ID: L5ACMDM4 Tx.Spurs. Low Power MKR 875.56 MHz
 REF -30.0 dBm #ATTEN 10 dB PG 26.0 dB -88.66 dBm



START 869.00 MHz STOP 894.00 MHz
 #RES BW 1.0 MHz #VBW 1 MHz SWP 20 msec

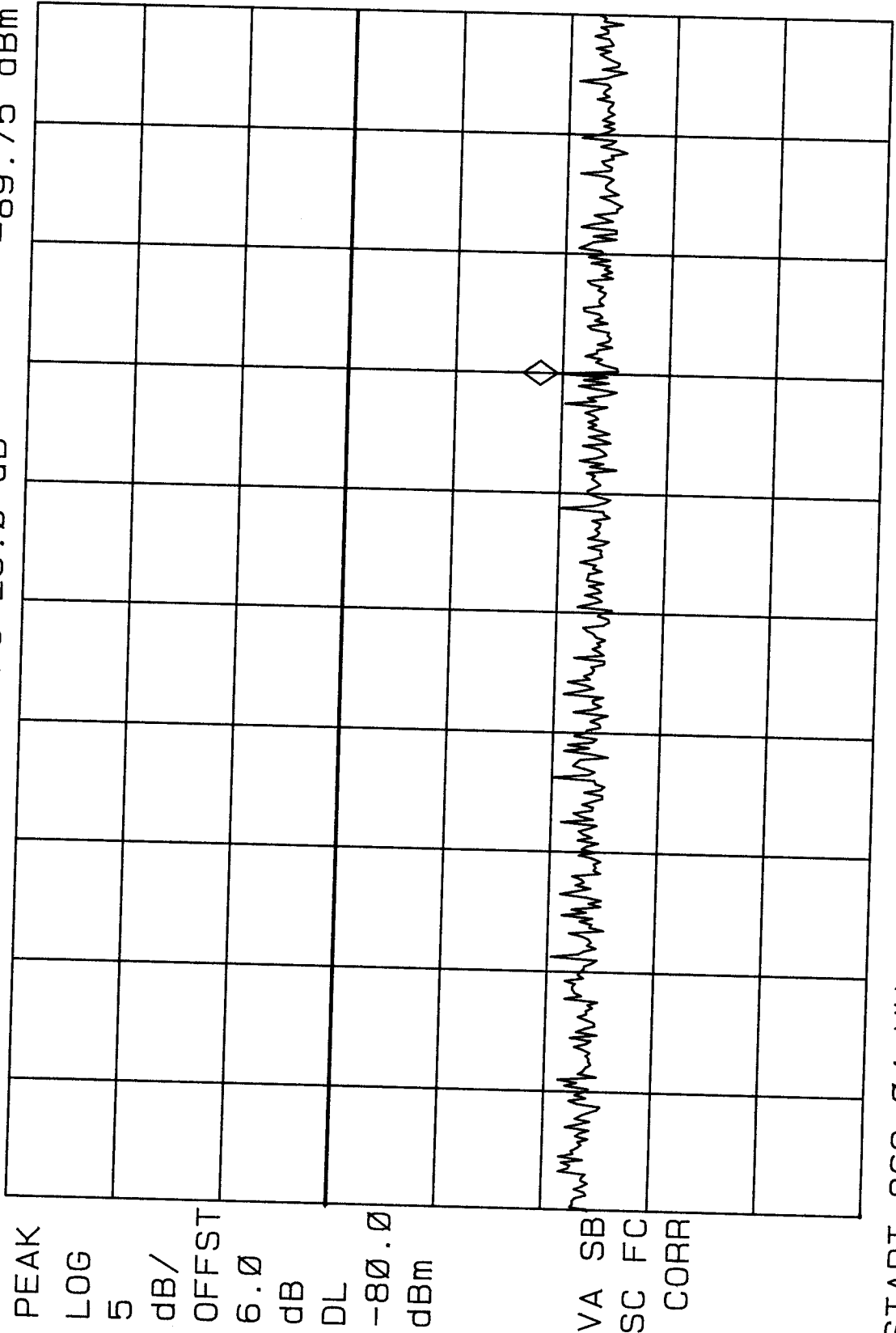
FCC ID: L5ACMDM4 Tx.Spurs. High Power MKR 891.37 MHz
 REF -30.0 dBm #ATTEN 10 dB PG 26.0 dB -88.31 dBm



PEAK
 LOG
 10
 dB/
 OFFST
 6.0
 dB
 DL
 -50.0
 dBm
 VA SB
 SC FC
 CORR

START 869.00 MHz #RES BW 1.0 MHz
 STOP 894.00 MHz #VBW 1 MHz
 SWP 20 msec

FCC ID: L5ACMDM4 Rx Spurious
 REF -65.0 dBm ATTN 10 dB PG 26.0 dB
 MKR 886.49 MHz
 -89.75 dBm



START 869.04 MHz
 #RES BW 1.0 MHz
 #VBW 1 MHz
 STOP 893.97 MHz
 #SWP 100 msec