

DATA SHEET

Spurious Emissions - Conducted FCC Rule 15.247(c)

LXE Project Number: 01-074 & 01-073
EUT Model Number: 6726
Technician: D. Massey
Date of Test: 01/25/02

ANTENNA RIGHT PORT

Requirement:

15.247(c) - In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement. Attenuation below the general limits specified in § 15.209(a) is not required.

Measured Results:

Enter results obtained in the procedure in table 1.

Fundamental Frequency Level 8.50 dB

Table 1: Measurement Results

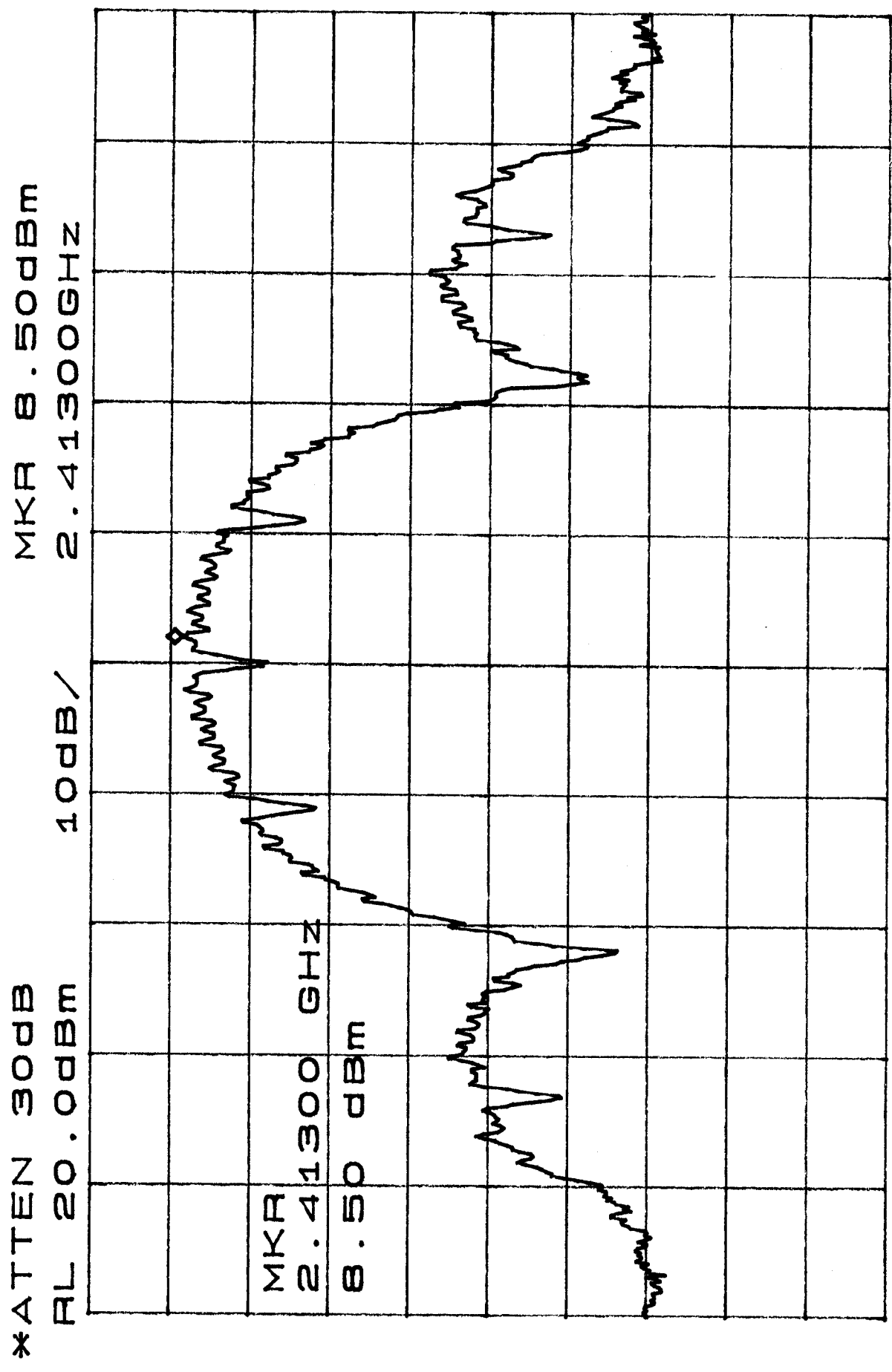
Transmitting Channel	Frequency (MHz)	Level (dBm)	Delta dB (dB)	Pass/Fail
1	1085.0	-41.00	49.50	P
1	2396.8	-23.67	32.17	P
7	1435.0	-42.67	51.17	P
11	2373.0	-50.33	58.83	P
11	2484.5	-47.17	55.67	P
11	4923.3	-48.00	56.50	P

Conclusion

X The EUT Satisfies the requirements of 15.247(c).

_____ The EUT does not Satisfy the requirements of 15.247(c).

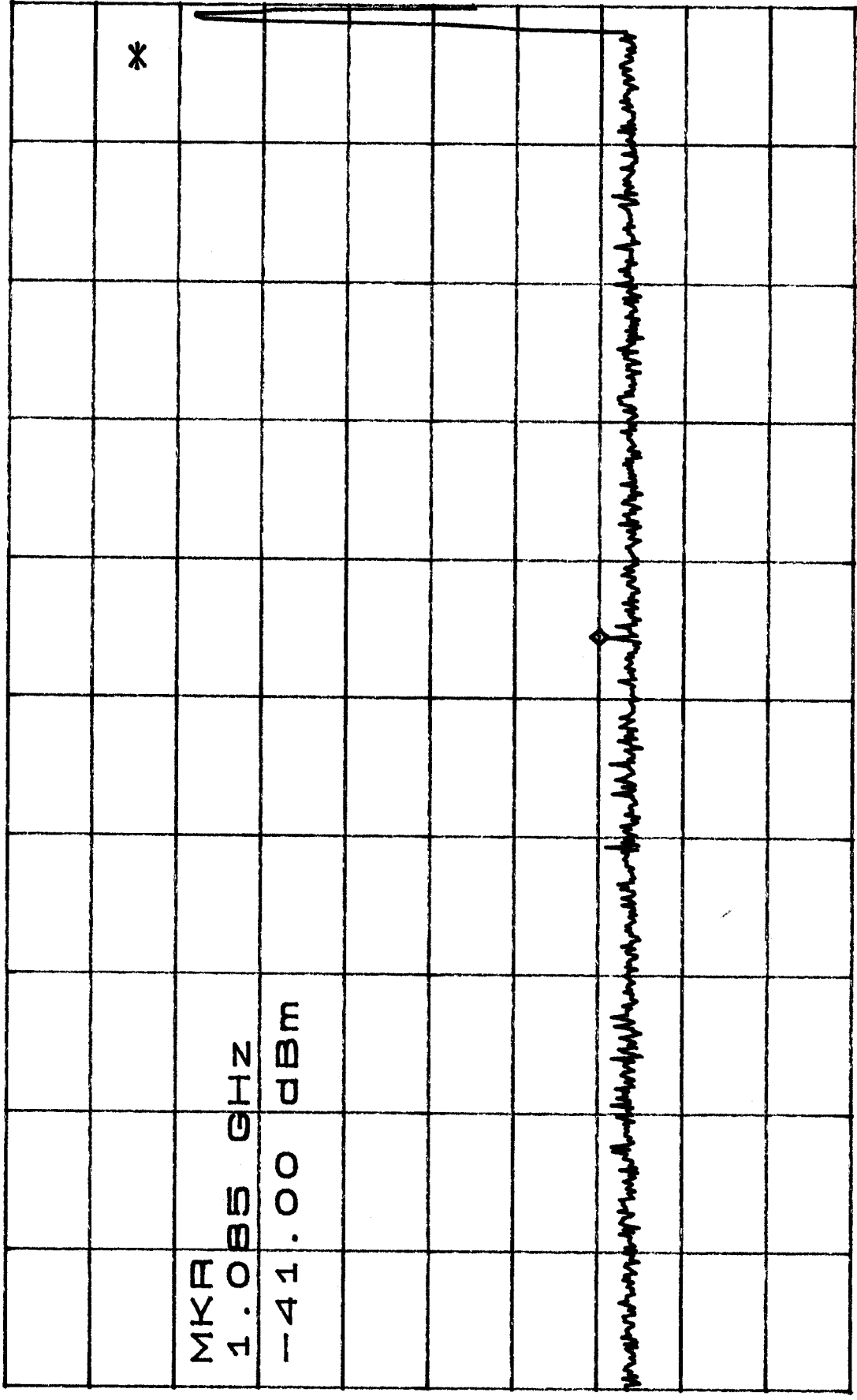
LOW CHANNEL
ANTENNA RIGHT
PEAK OF FUNDAMENTAL
1/25/02



CENTER 2.41200GHZ
*RBW 100kHz *VBW 1.0MHz
SPAN 50.00MHz
SWP 50ms

LOW CHANNEL
 ANTENNA RIGHT
 1/25/62
 HIGHEST OUT-OF-BAND EMISSION

ATTEN 40dB MKR -41.00dBm
 PL 30.0dBm 1.085GHz



START 30MHz STOP 1.965GHz
 *RBW 100kHz *VBW 1.0MHz *SWP 1.0sec

LOW CHANNEL BANDWIDTH

ANTENNA RIGHT

1/25/02

*ATTEN 30dB

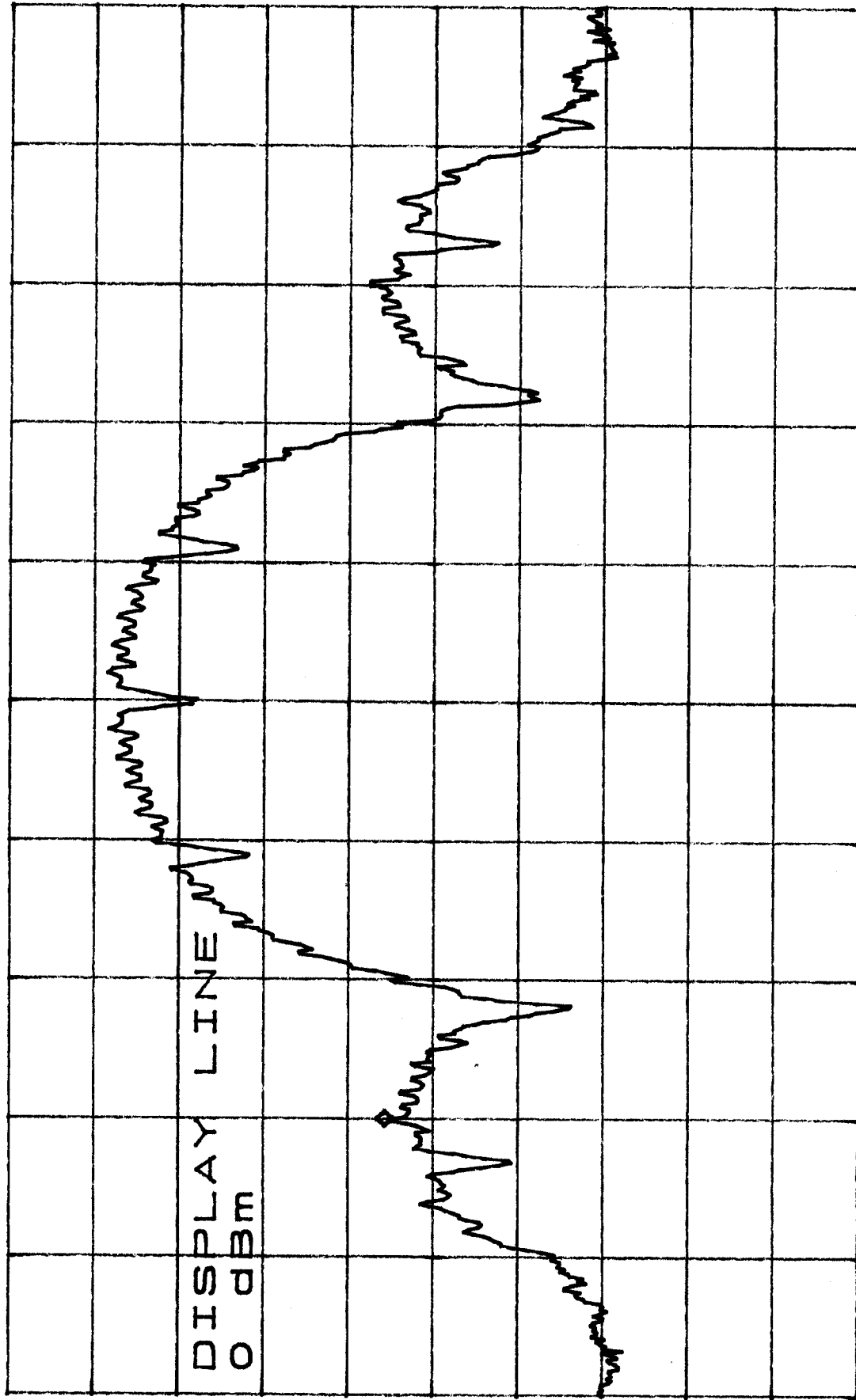
RL 20.0dBm

10dB/

MKR -25.33dBm

2.39700GHz

DISPLAY LINE
0 dBm



CENTER 2.41200GHz

*RBW 100kHz

*VBW 1.0MHz

SPAN 50.00MHz

SWP 50ms

HIGH CHANNEL BANDWIDTH

ANTENNA RIGHT

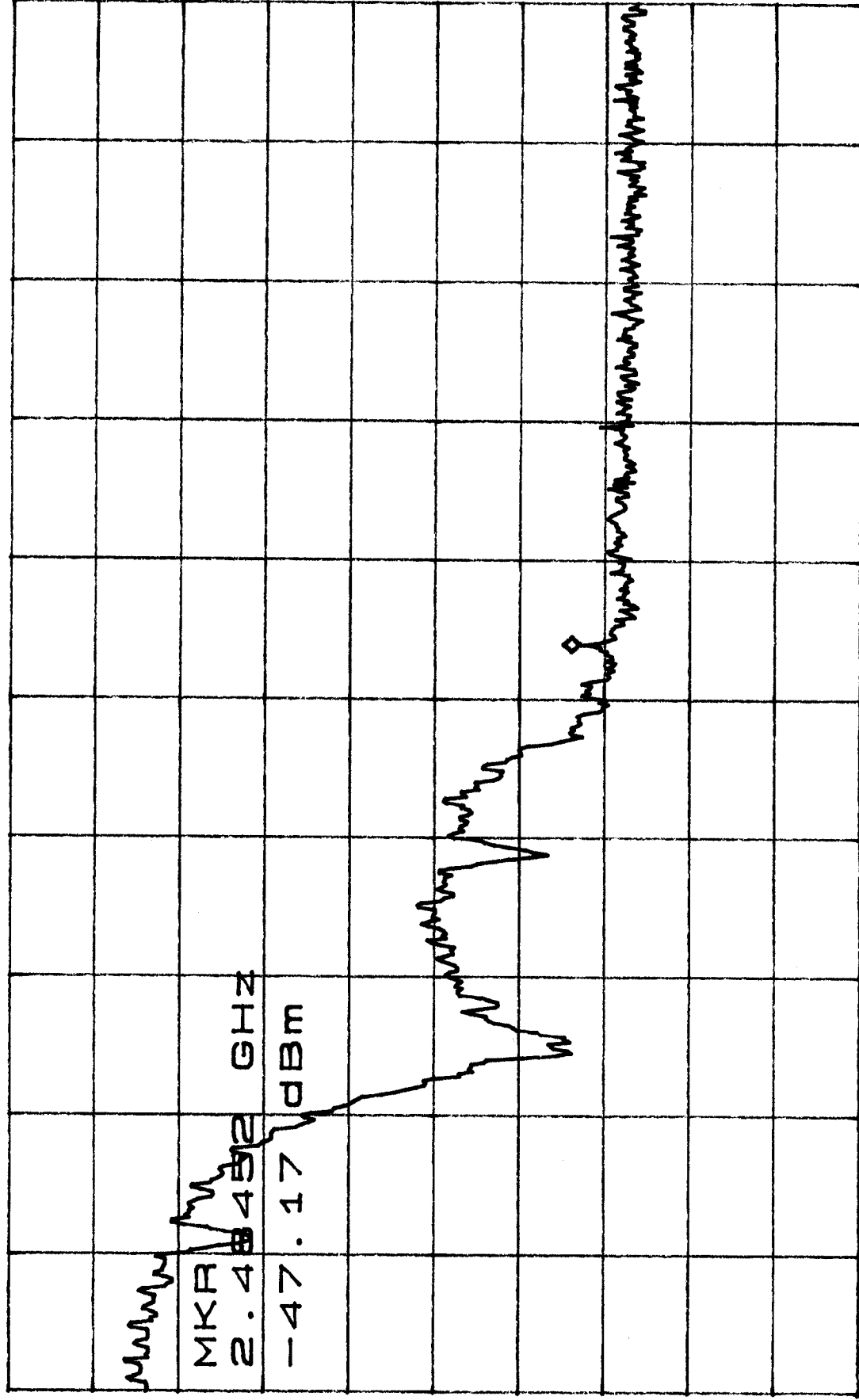
1/25/02

*ATTEN 30dB

RL 20.0dBm

MKR -47.17dBm

10dB/ 2.48452GHz



START 2.46300GHz

STOP 2.50285GHz

*RBW 100kHz

*VBW 1.0MHz

SWP 50ms

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ANTENNA LEFT PORT

Requirement:

15.247(c) - In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement. Attenuation below the general limits specified in § 15.209(a) is not required.

Measured Results:

Enter results obtained in the procedure in table 1.

Fundamental Frequency Level 8.83 dB

Table 1: Measurement Results

Transmitting Channel	Frequency (MHz)	Level (dBm)	Delta dB (dB)	Pass/Fail
1	1447.0	-50.67	59.50	P
1	1915.0	-50.83	59.66	P
1	2397.0	-25.50	34.33	P
7	2004.3	-51.00	59.83	P
11	2007.0	-50.50	59.33	P
11	2483.5	-49.33	58.16	P
11	4923.8	-48.83	57.66	P

Conclusion

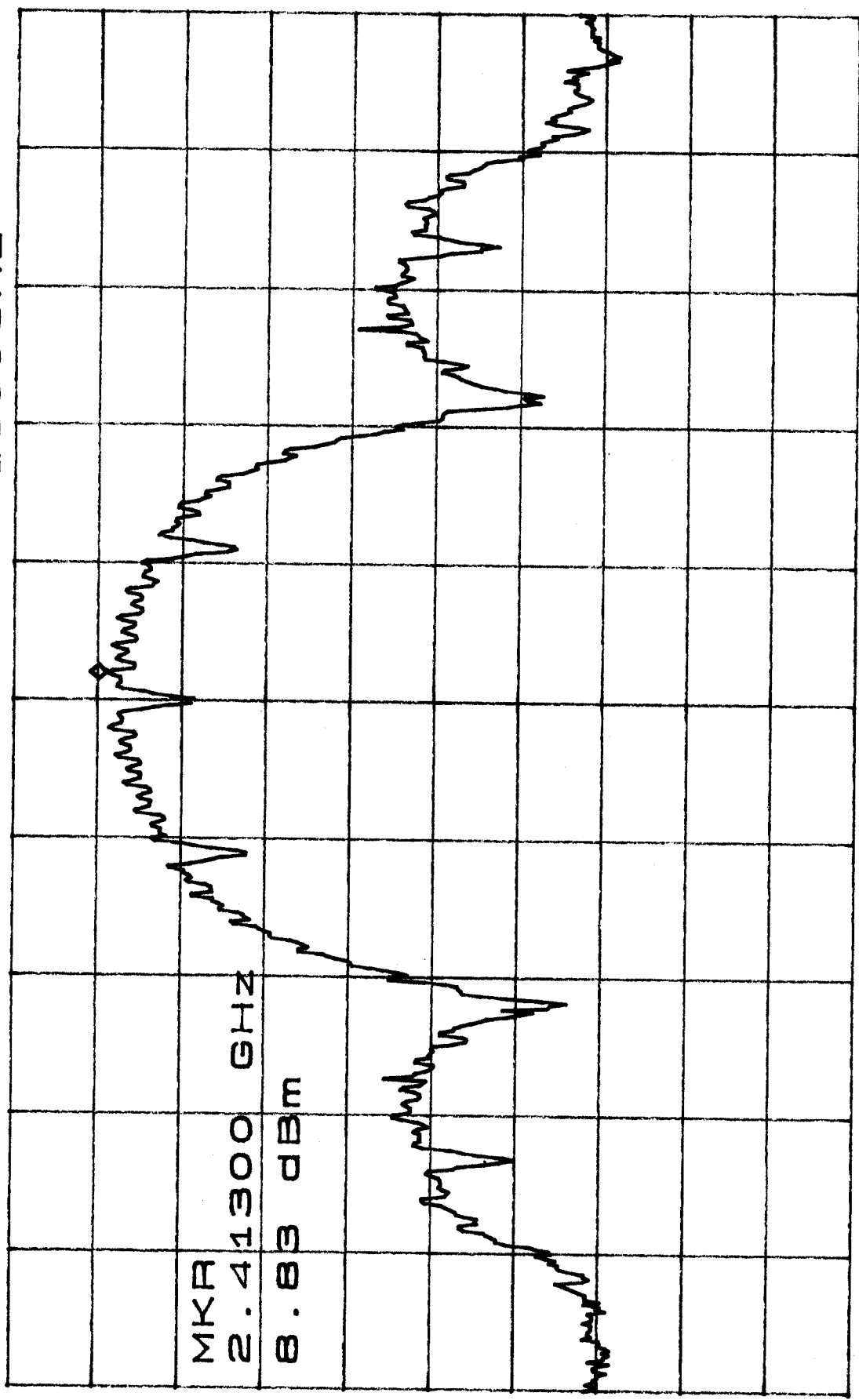
X The EUT Satisfies the requirements of 15.247(c).

_____ The EUT does not Satisfy the requirements of 15.247(c).

1/25/02

LOW CHANNEL
PEAK OF FUNDAMENTAL
ANTENNA LEFT

*ATTEN 30dB MKR 8.83dBm
RL 20.0dBm 2.41300GHZ



CENTER 2.41200GHZ SPAN 50.00MHZ
*RBW 100KHZ *VBW 1.0MHZ SWP 50ms

LOW CHANNEL

ANTENNA LEFT

HIGHEST OUT OF BAND EMISSION

*ATTEN 30dB

RL 20.0dBm

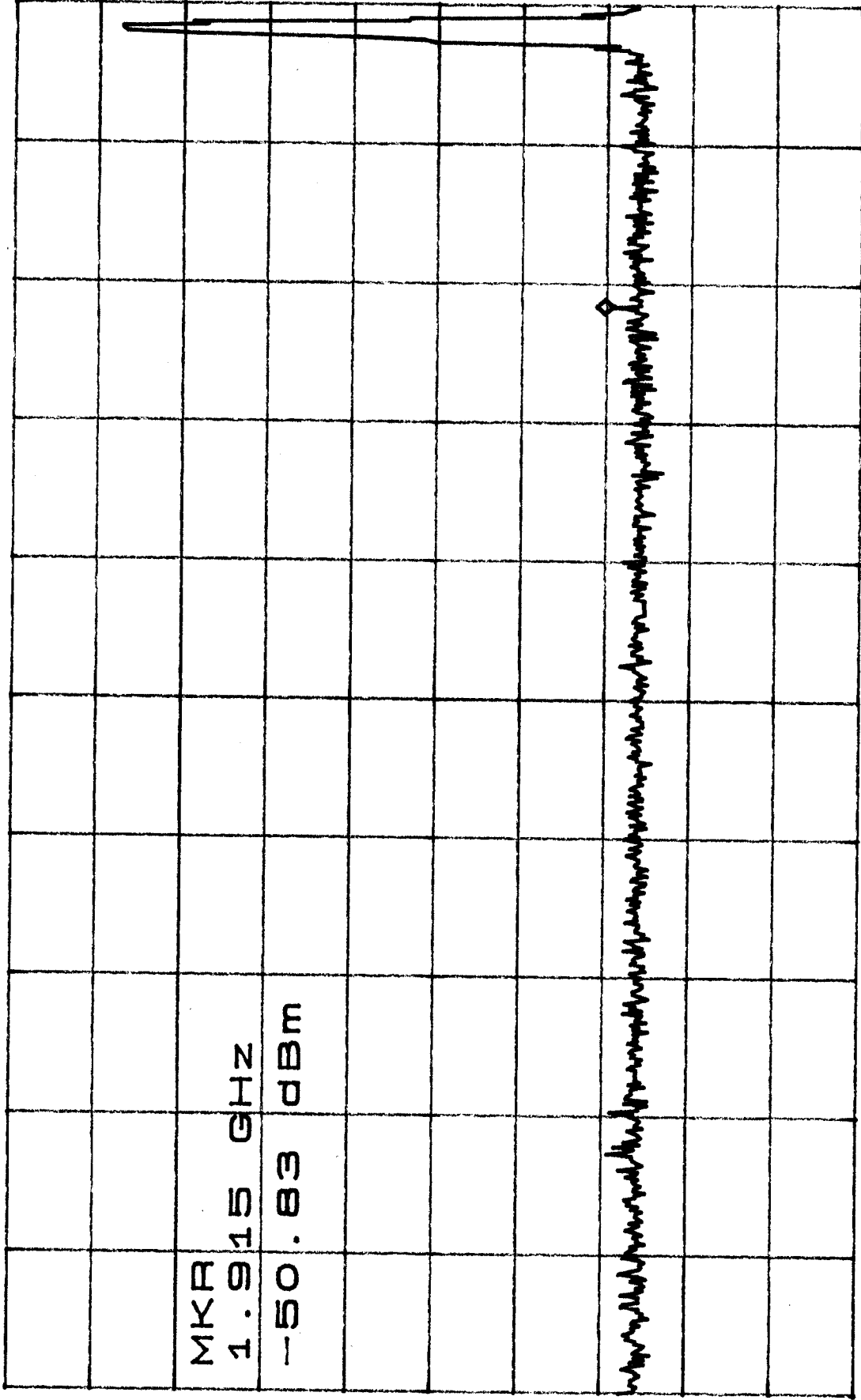
MKR -50.83dBm

10dB/ 1.915GHz

MKR

1.915 GHz

-50.83 dBm



START 30MHz

*RBW 100kHz

STOP 2.437GHz

*VBW 1.0MHz

SWP 610ms

1/25/02

LOW CHANNEL BANDEDGE
ANTENNA LEFT

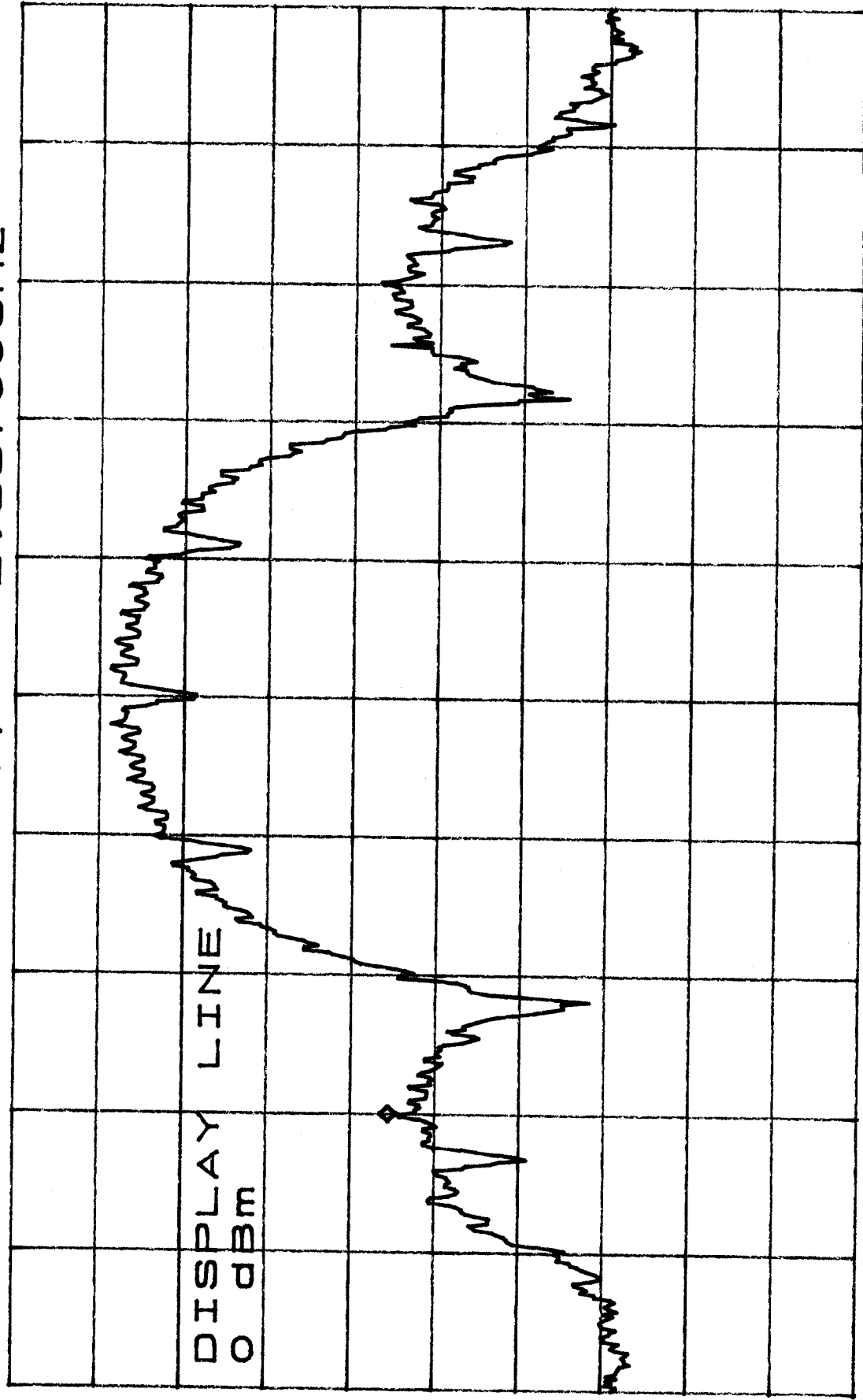
1/25/01

*ATTEN 30dB

RL 20.0dBm

MKR -25.50dBm

10dB/ 2.39700GHZ



CENTER 2.41200GHZ

SPAN 50.00MHZ

*RBW 100KHZ

*VBW 1.0MHZ

SWP 50ms

HIGH CHANNEL BANDEDGE
ANTENNA LEFT

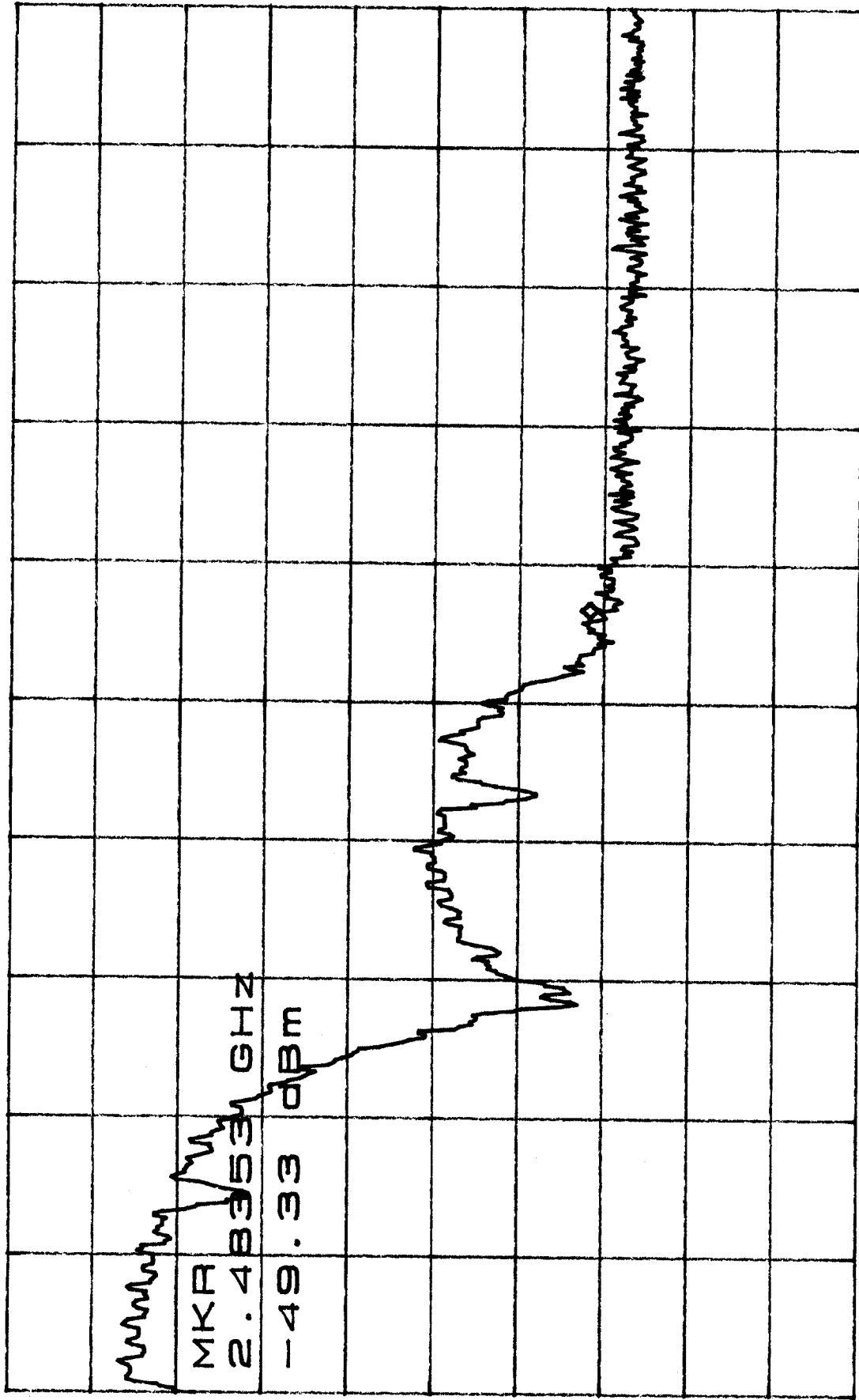
1/25/02

*ATTEN 30dB

RL 20.0dBm

MKR -49.33dBm

10dB/
2.48353GHZ



START 2.46200GHZ

*RBW 100KHZ

*VBW

1.0MHZ

SWP 50ms

STOP 2.50000GHZ