

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

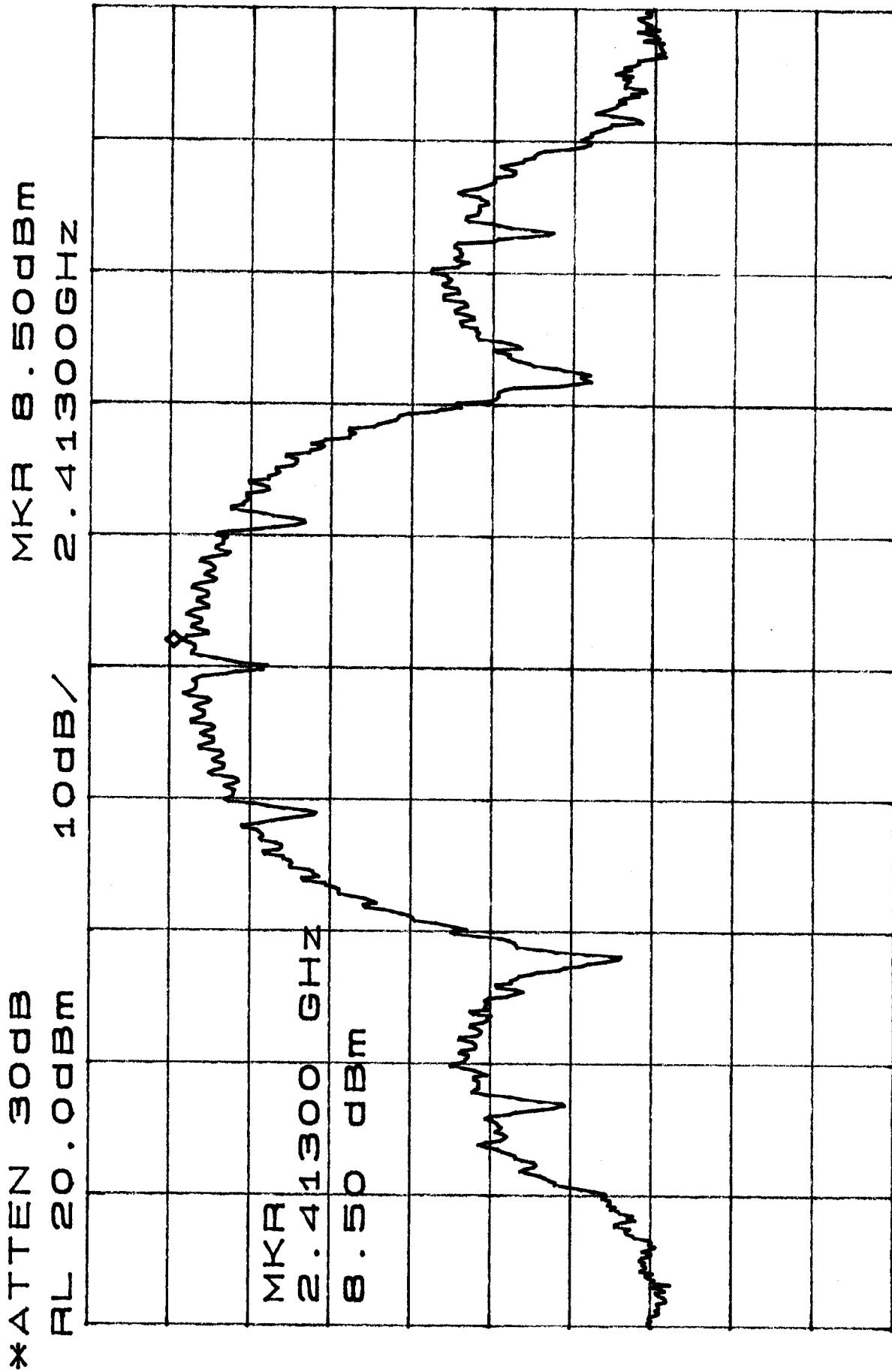
Conclusion

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

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

AN INVESTIGATIVE RIGHT FOR THE FUNDAMENTAL

1/25/02

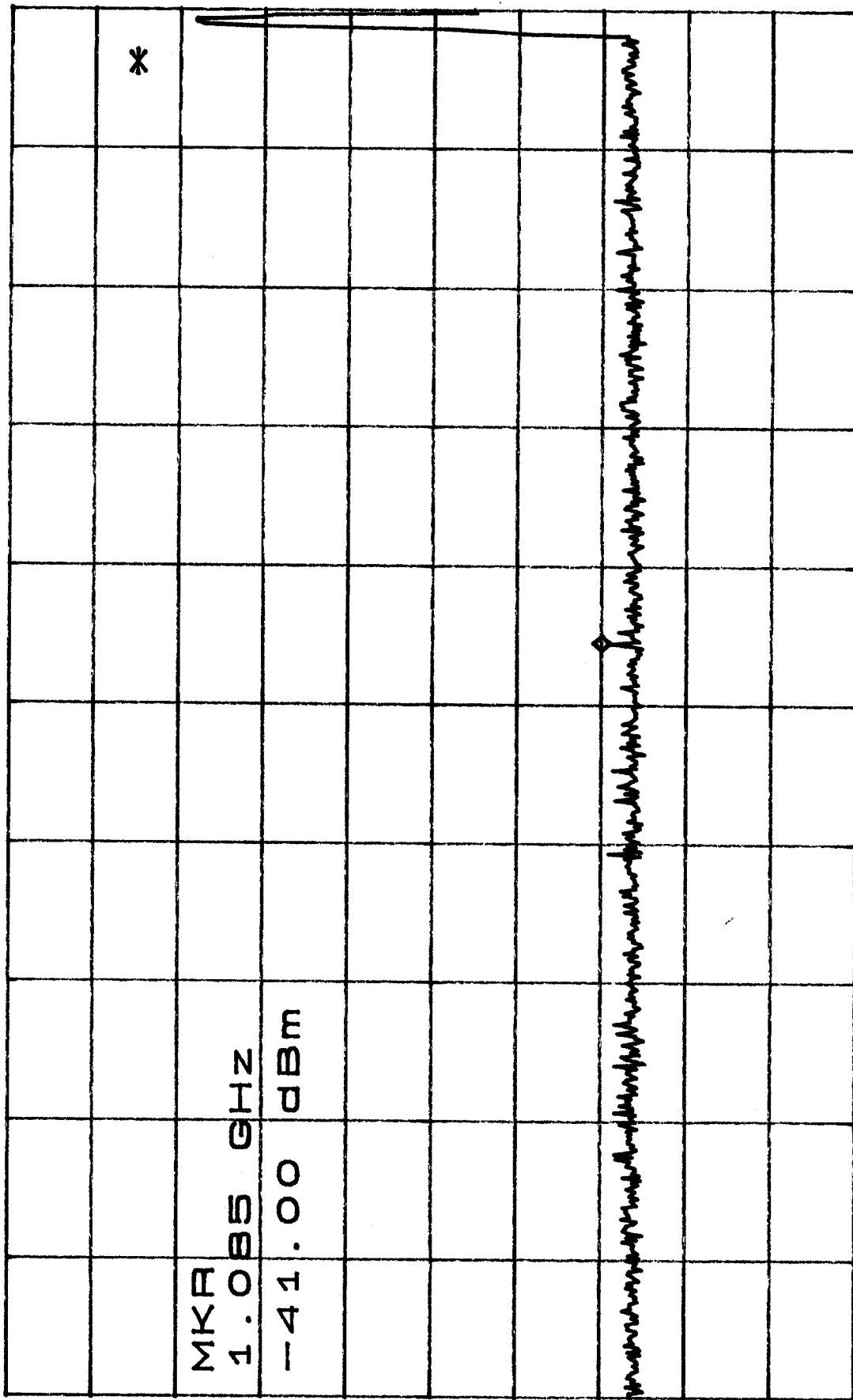


SPAN 50.00MHz
SWP 50ms
CENTER 2.41200GHz
RBW 100KHz *VBW 1.0MHz
*RBW 100KHz

LOW CHANNEL
ANTENNA RIGHT
HIGHEST OUT-OF-BAND EMISSION

ATTEN 40dB
RL 30.0dBm

MKR -41.00dBm
1.085GHz



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

LOW CHANNEL BANDEDGE
ANTENNA RIGHT

*ATTEN 30dB

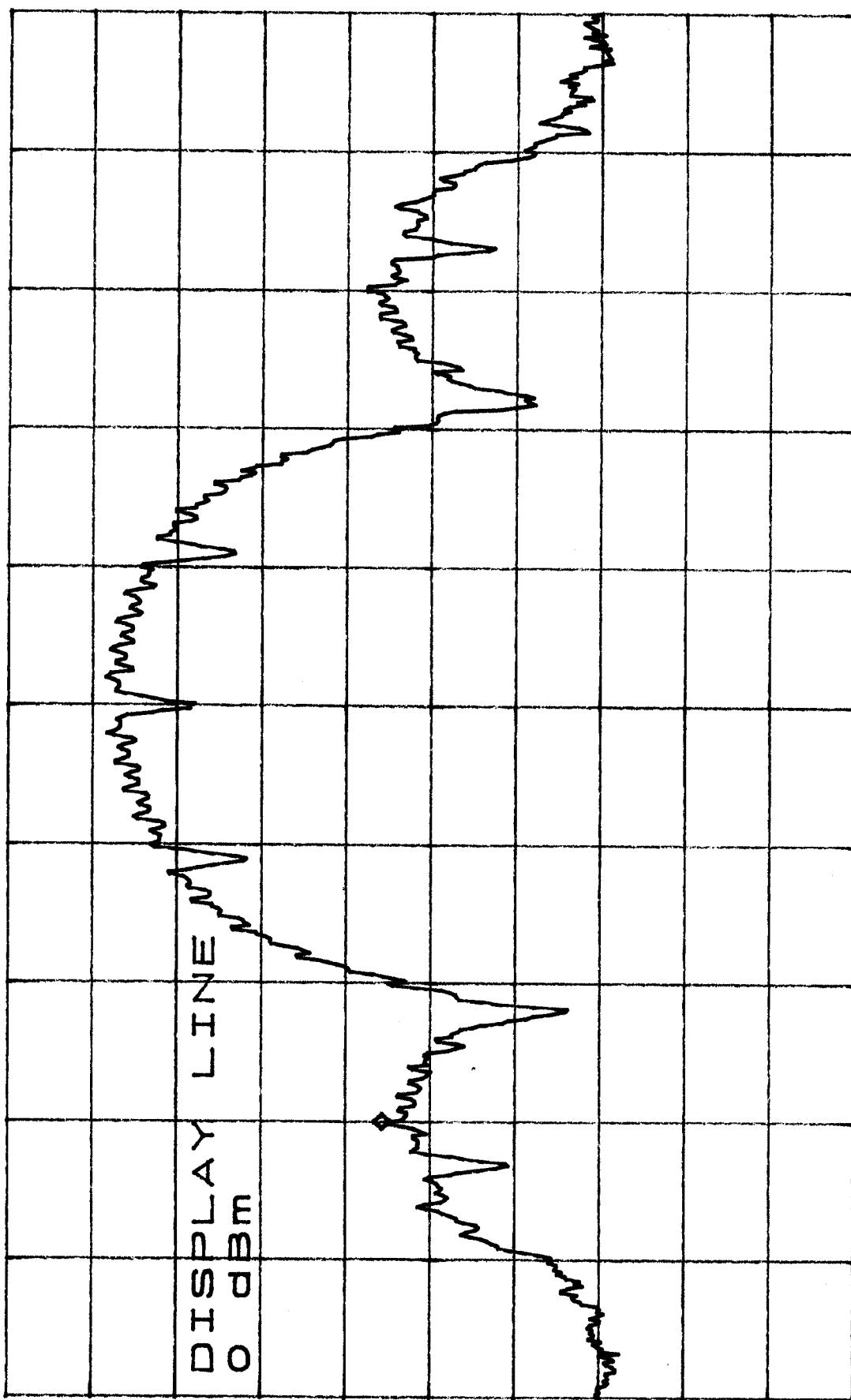
RL 20.0dBm

10dB/

MKR -25.33dBm
2.39700GHz

DISPLAY LINE

0dBm



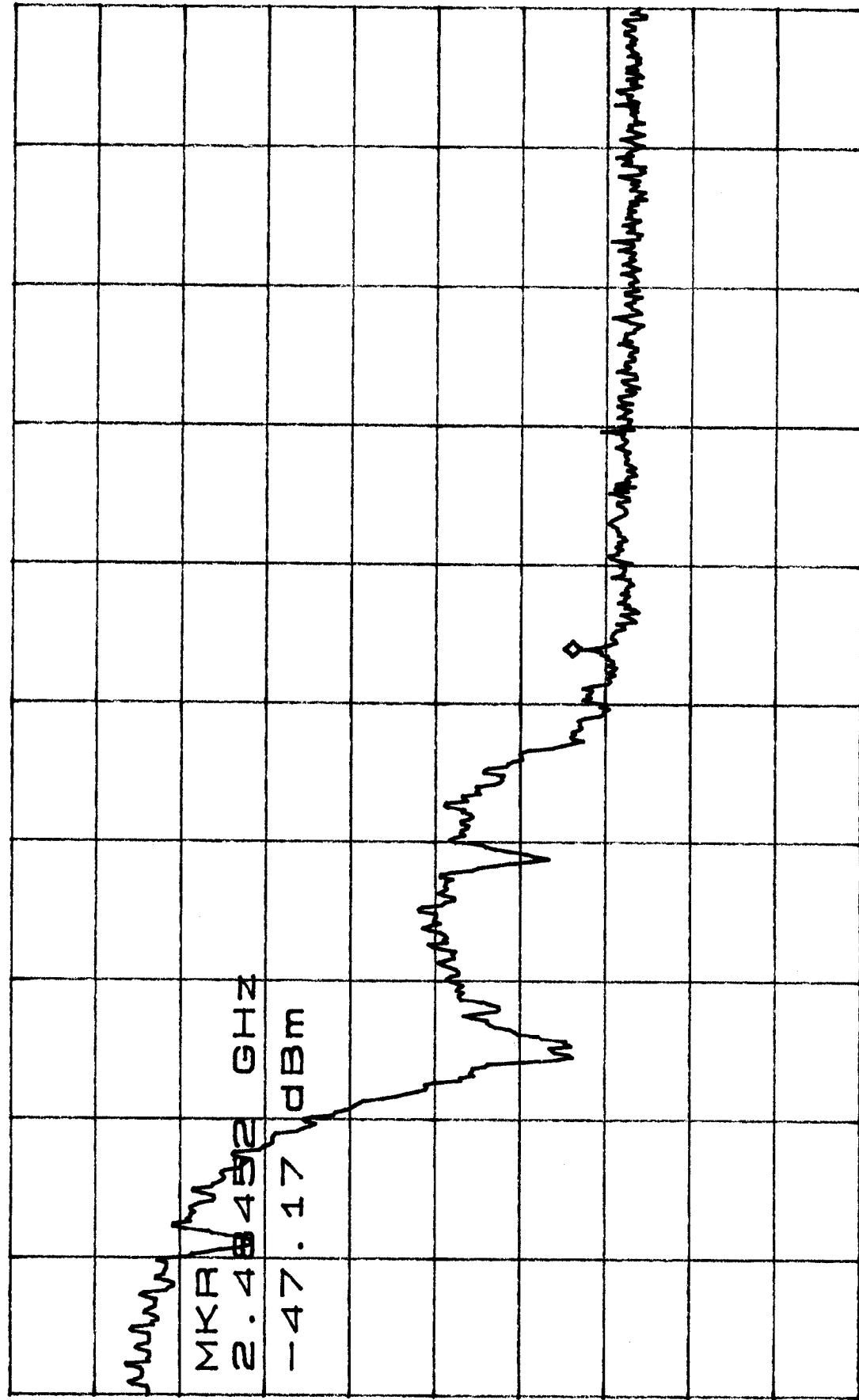
CENTER 2.41200GHz *RBW 100kHz *VBW 1.0MHz
SPAN 50.00MHz SWP 50ms

1/25/02

1716H CHANNEL BANDEDGE
ANTENNA RIGHT

*ATTEN 30dB
RL 20.0dBm

MKR -47.17dBm
2.48452GHz



START 2.46300GHz *VBW 1.0MHz
*RBW 100kHz

STOP 2.502855GHz
SWP 50ms

1125/02

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EUT Model Number: 6726

Technician: D. Massey

Date of Test: 01/25/02

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

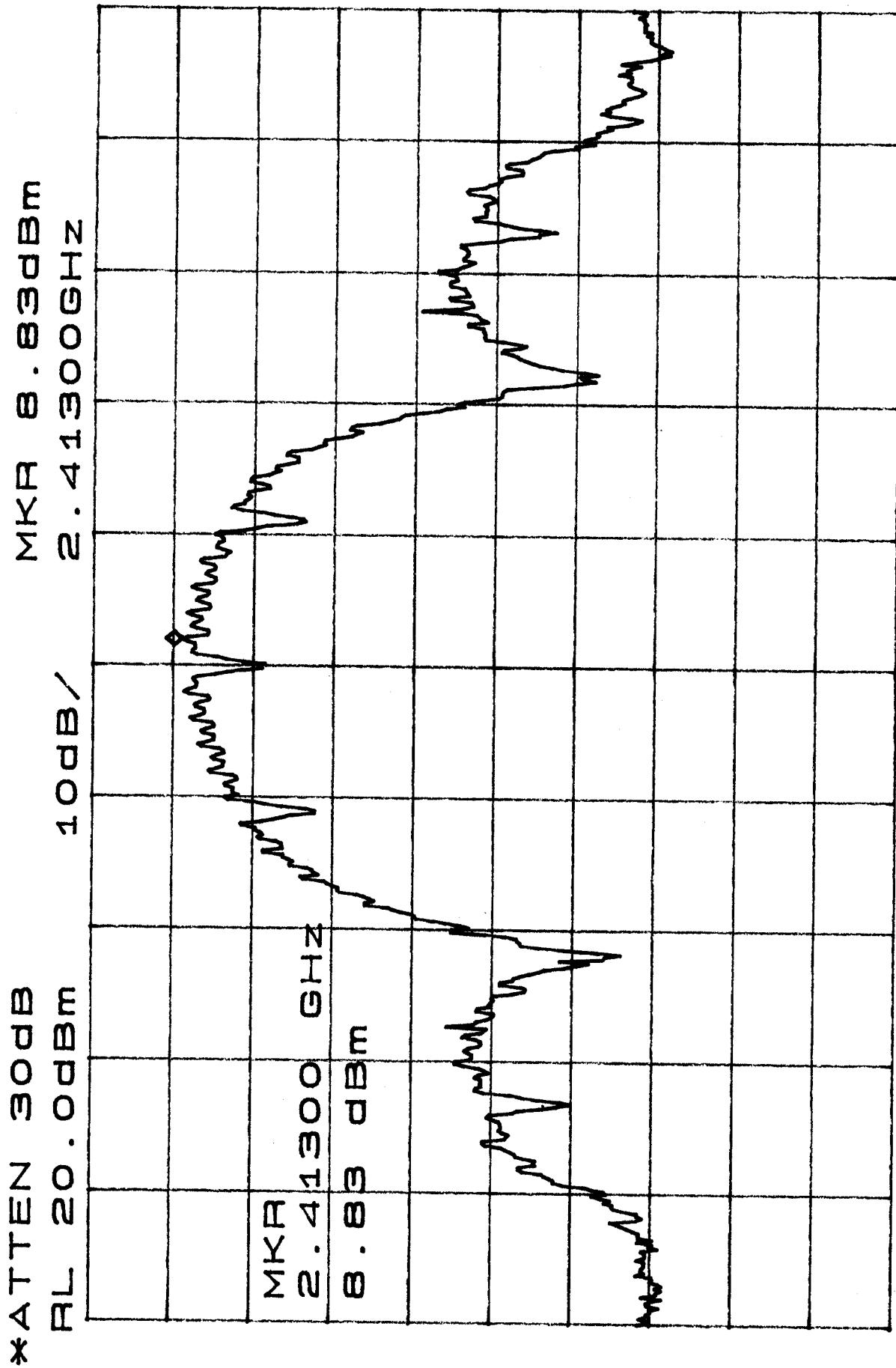
Transmitting Channel	Frequency (MHz)	Level (dBm)	Delta dB (dB)	Pass/Fail
1	1447.0	-50.67	59.50	P
1	1915.0	-50.83	59.66	P
1	2397.0	-25.50	34.33	P
7	2004.3	-51.00	59.83	P
11	2007.0	-50.50	59.33	P
11	2483.5	-49.33	58.16	P
11	4923.8	-48.83	57.66	P

Conclusion

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

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

LOW CHANNEL
PEAK OF FUNDAMENTAL
ANTENNA LEFT



CENTER 2.41200 GHz *RBW 100KHz *VBW 1.0MHz SPAN 50.00MHz
*SPAN 50.00MHz SWP 50ms

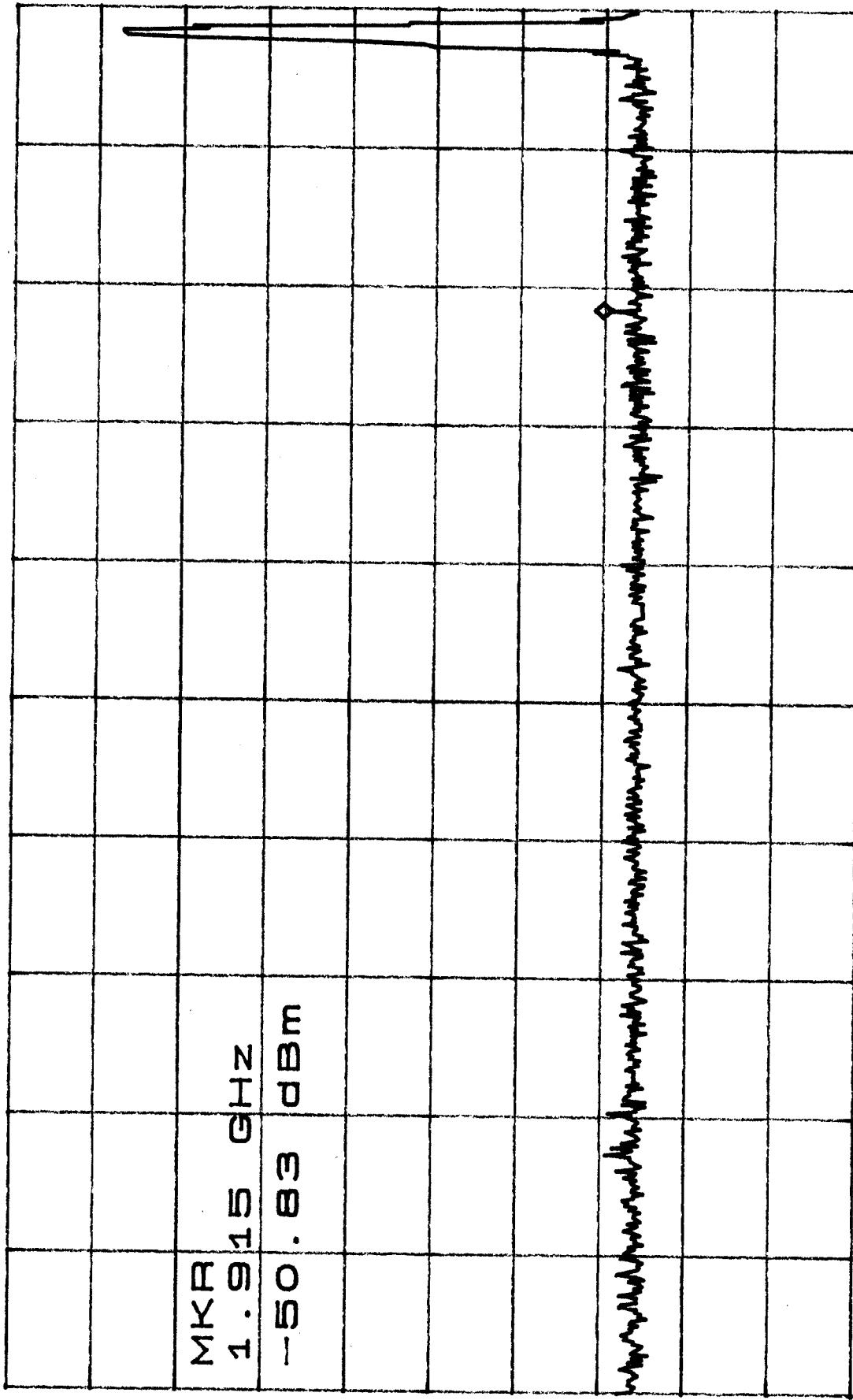
1/25/02

LOW CHANNEL
ANTENNA LEFT

*ATTEN 30dB
RL 20.0dBm 10dB/
HIGHEST OUT OF BAND EMISSION

1/25/62

MKR -50.83dBm
1.915GHz



START 30MHz *RBW 100kHz
STOP 2.437GHz SWP 610ms

LOW CHANNEL BANDEdge
ANTENNA LEFT

*ATTEN 30dB

RL 20.0dBm

MKR -25.50dBm
2.39700GHz

DISPLAY

LINE

0 dBm

CENTER 2.41200GHz *RBW 1.0MHz
*RBW 100kHz

SPAN 50.00MHz
SWP 50ms

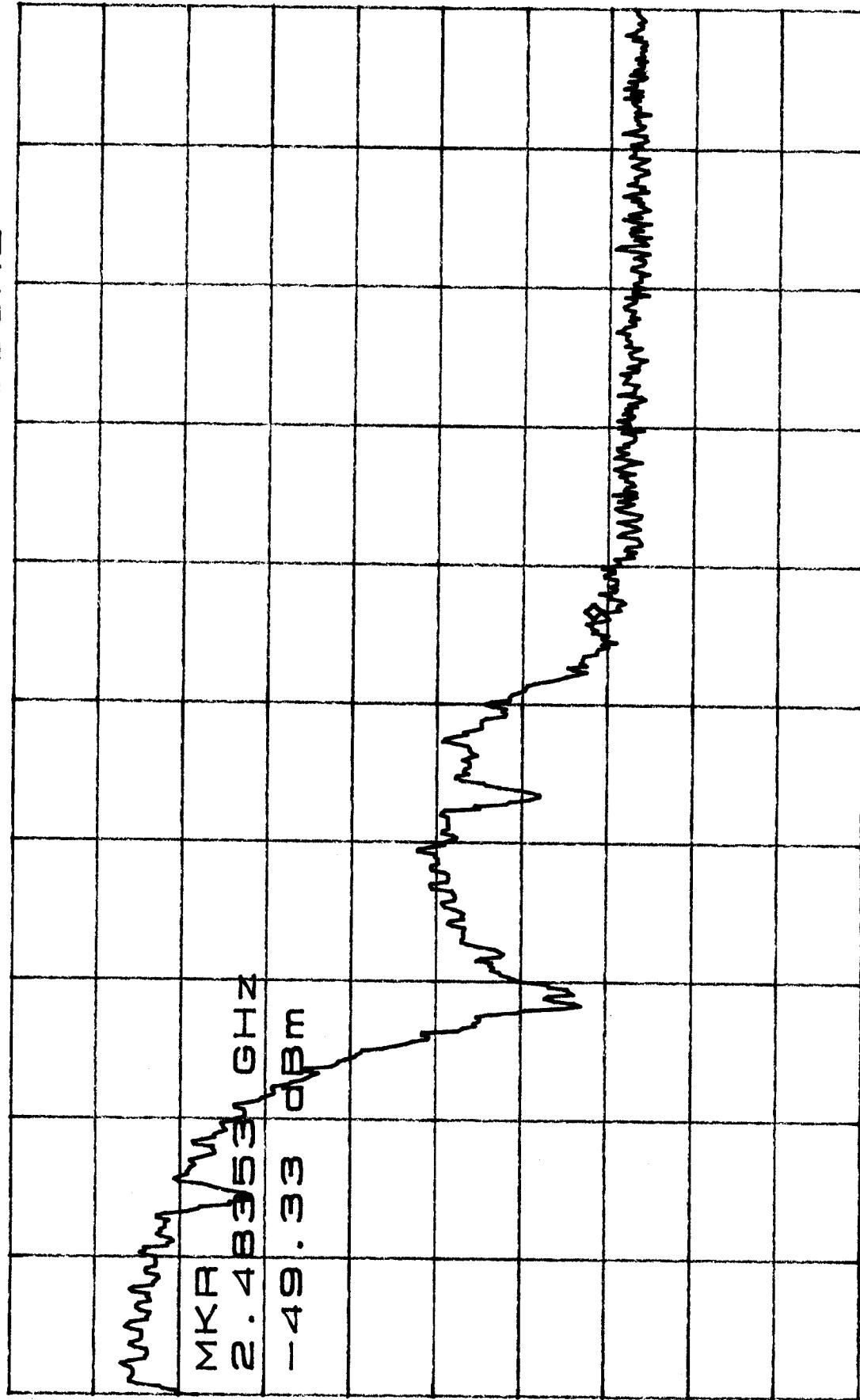
1/25/01

HIGH CHANNEL BANDEDGE
ANTENNA LEFT

1/25/62

*ATTEN 30dB
RL 20.0dBm

MKR -49 . 33dBm
2 . 48353GHz



START 2 . 46200GHz *VBW 1 . 0MHz STOP 2 . 50000GHz
*RBW 100kHz SWP 50ms