

APPLICANT:
ERICSSON GE MOBILE COMMUNICATIONS INC.

FCC ID NO.
AXATR-197-A2

SPURIOUS EMISSIONS

Reference 2.991 spurious emissions at the antenna terminals (conducted) when properly loaded with an appropriate artificial antenna were measured per EIA RS-152B, Paragraph 4.3.

Results are as shown in the following Exhibits:

<u>Exhibit</u>		<u>Carrier Frequency</u>
11B	AXATR-197-A2	136 MHz, 50 Watts
11C	AXATR-197-A2	136 MHz, 125 Watts
11D	AXATR-197-A2	174 MHz, 50 Watts
11E	AXATR-197-A2	174 MHz, 125 Watts

Equipment used was:

Hewlett Packard Spectrum Analyzer 140T Display, 8554-B-RF, 8552B-IF.

Reference 2.993 field strength of spurious radiations was measured on our three meter range. The site and equipment are described in the site description and attenuation measurements for the Ericsson/GE three meter radiation site #2 filed with the FCC in Columbia, Maryland, in November of 1990. The measurement procedure is per EIA RS-152B, but done on a three meter test site. Results are shown on the following Exhibits:

<u>Exhibits</u>		<u>Carrier Frequency</u>
11F	AXATR-197-A2	136 MHz, 50 Watts
11G	AXATR-197-A2	136 MHz, 125 Watts
11H	AXATR-197-A2	174 MHz, 50 Watts
11I	AXATR-197-A2	174 MHz, 125 Watts

CONDUCTED SPURIOUS OUTPUT
RXPTR-197-A2
MEASURED PER EIA RS152B
CARRIER FREQ (MHZ)=136
CARRIER POWER (WATTS)=50
REV
10-19-91

FCC LIMIT (DB)=59.99

LEVEL IN DB BELOW CARRIER

0
10
20
30
40
50
60
70
80
90
100
110

50

100

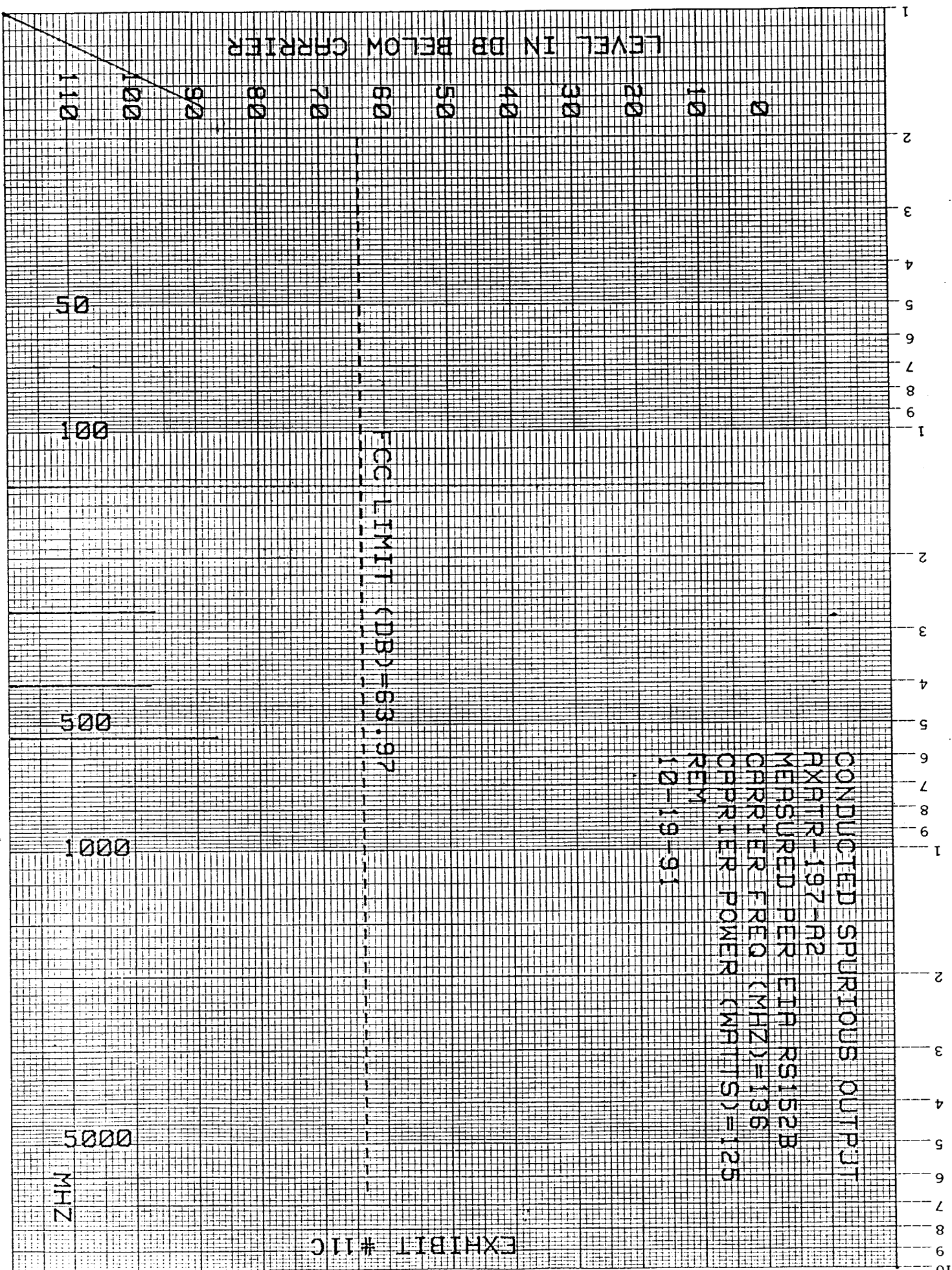
500

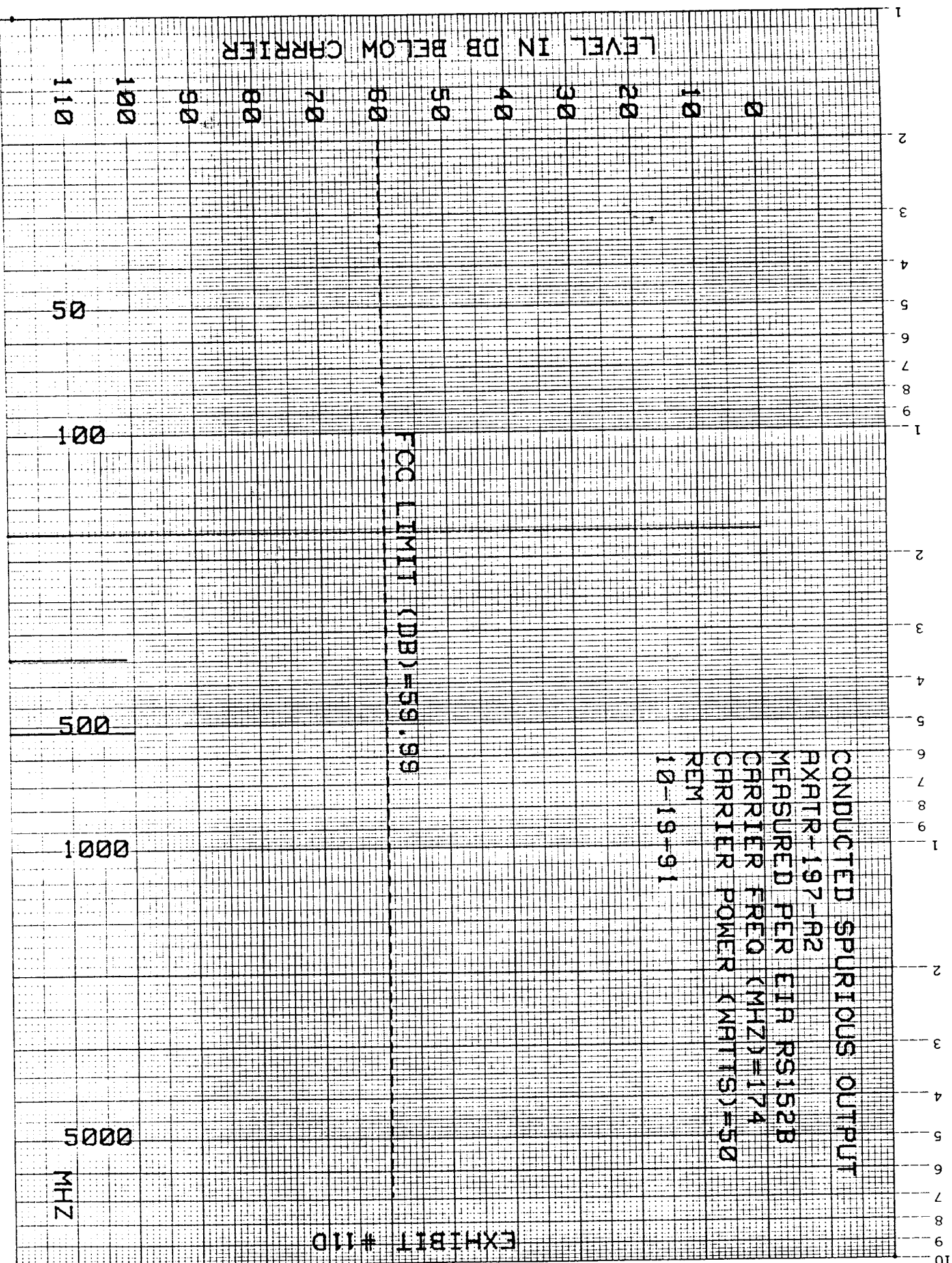
1000

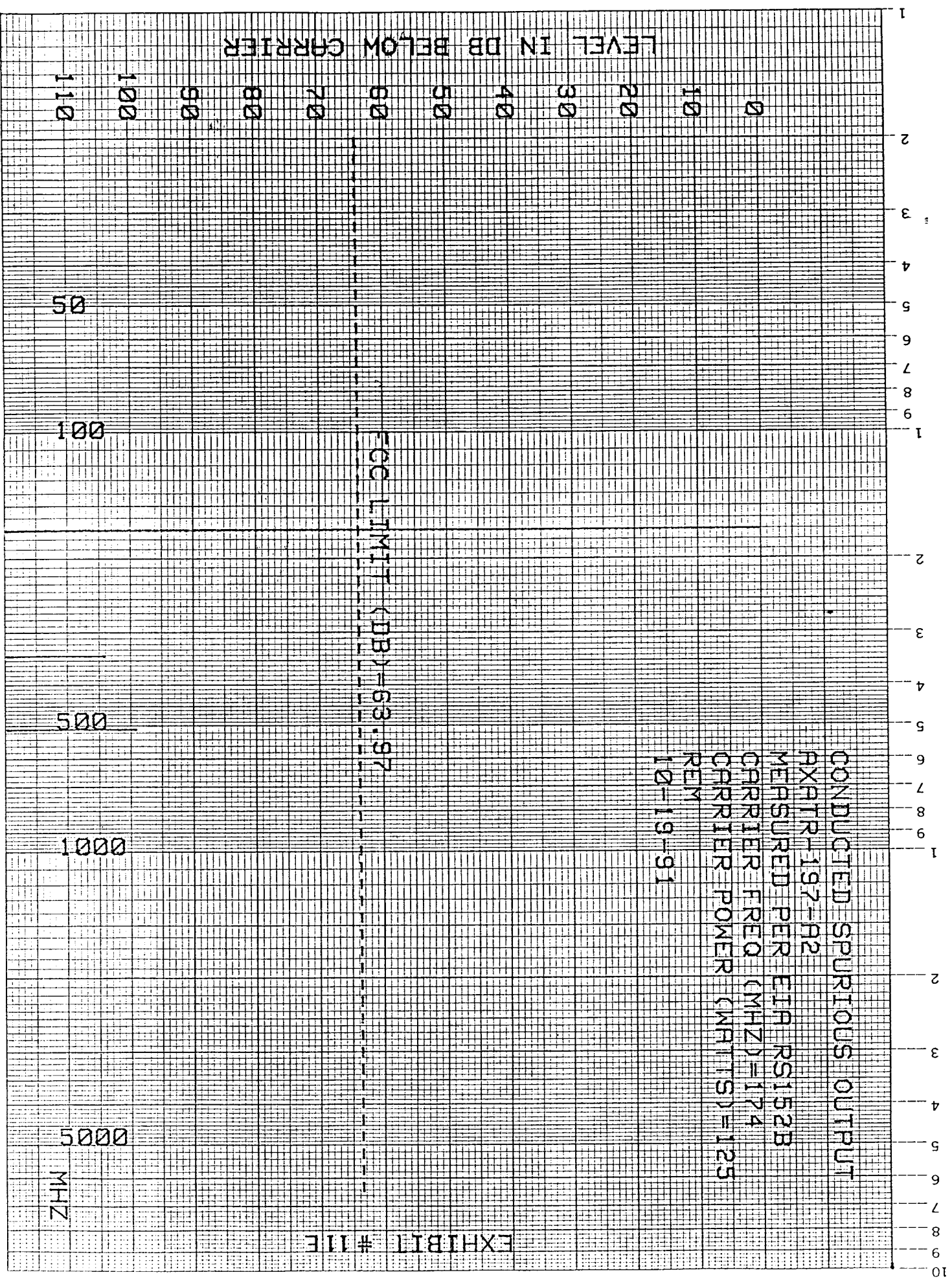
5000

MHZ

EXHIBIT # 11B







RADIATED SPURIOUS EMISSIONS

EXHIBIT-197-R2

CARRIER: 50.000watts at 136.000MHz

REM 10-19-91

FCC LIMIT EIRP = -13dBm

EFFECTIVE DIPOLE RADIATED POWER IN dBm

-100
-90
-80
-70
-60
-50
-40
-30
-20
-10

25

100

250

1000

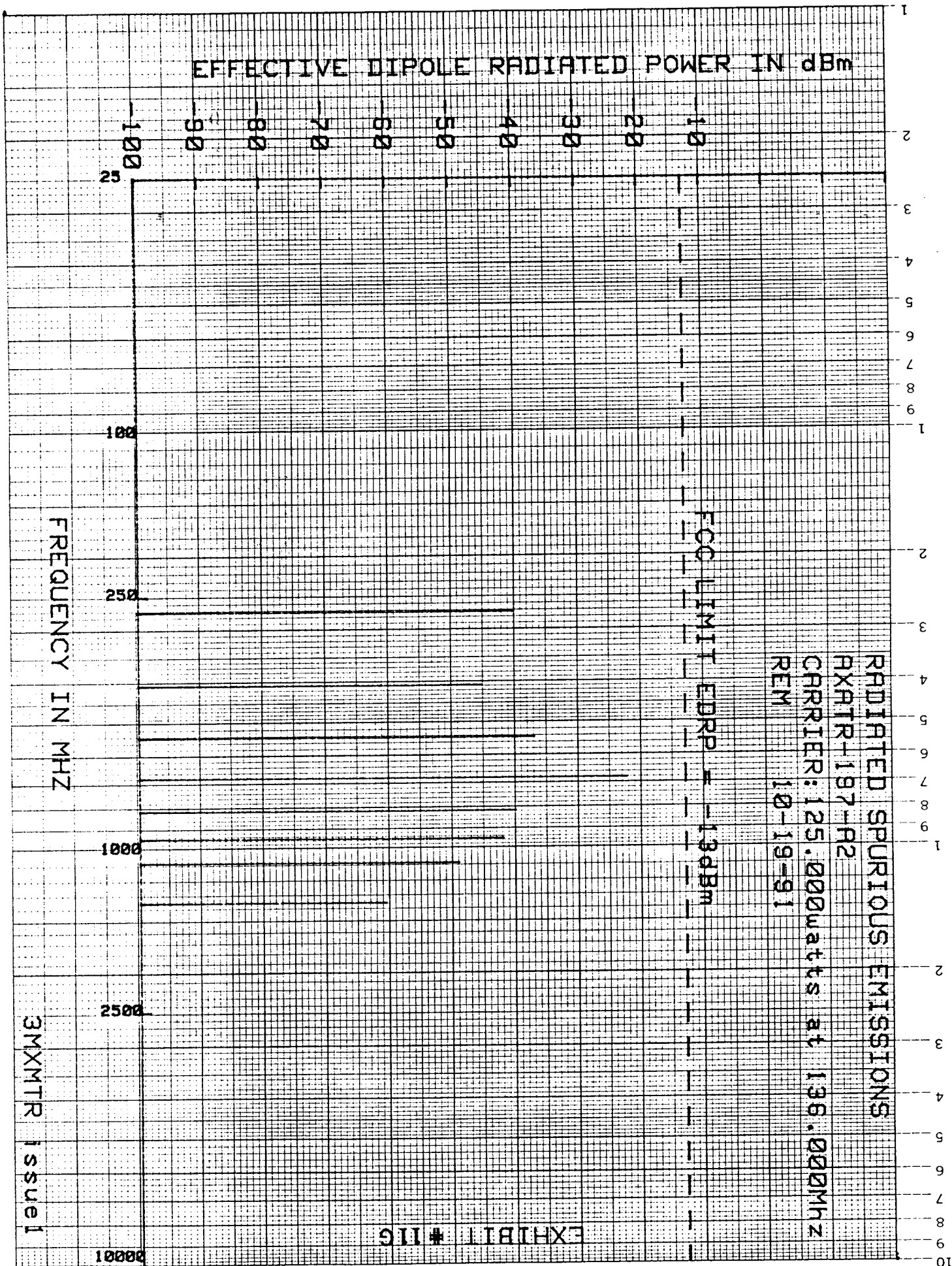
2500

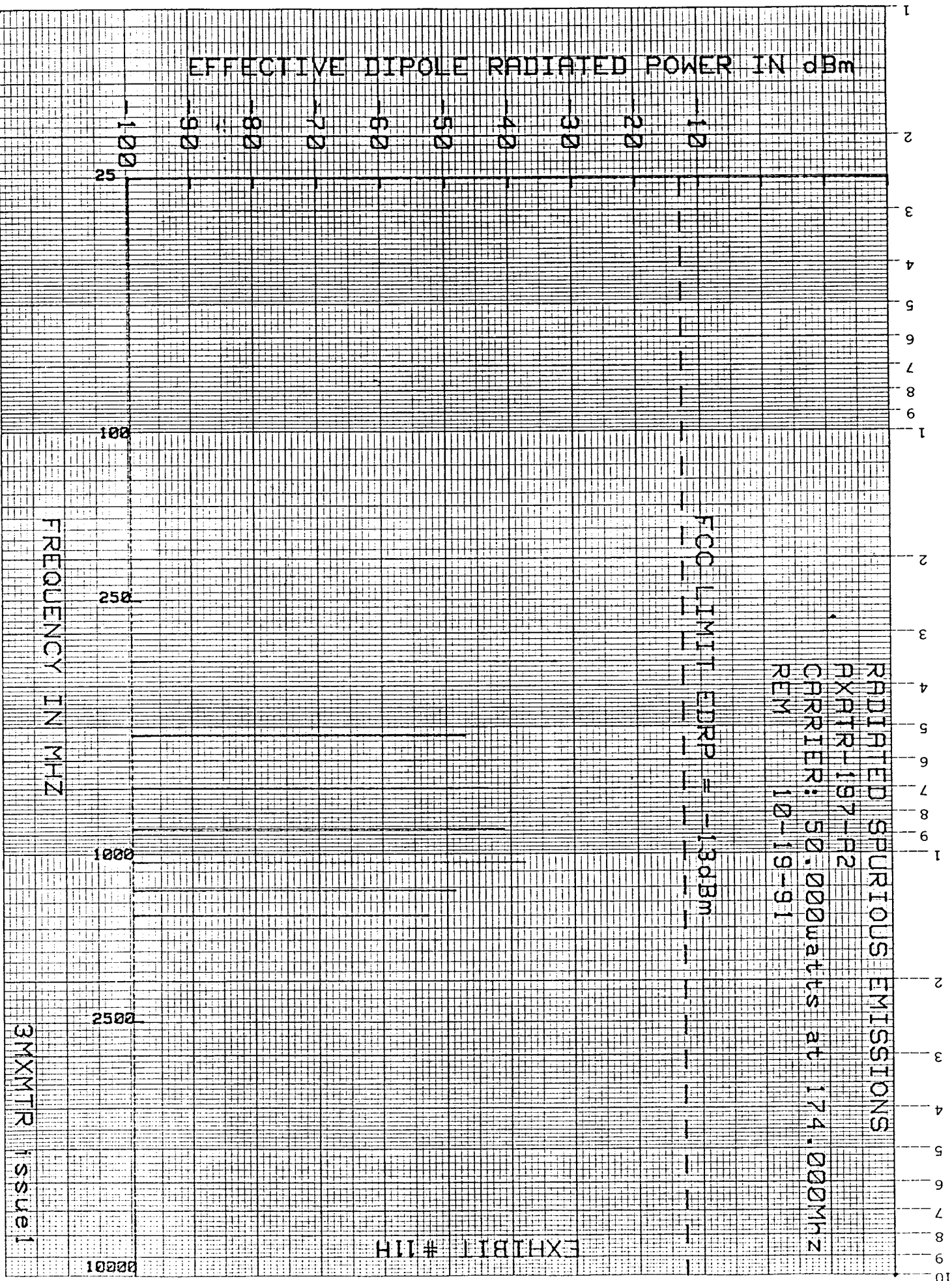
10000

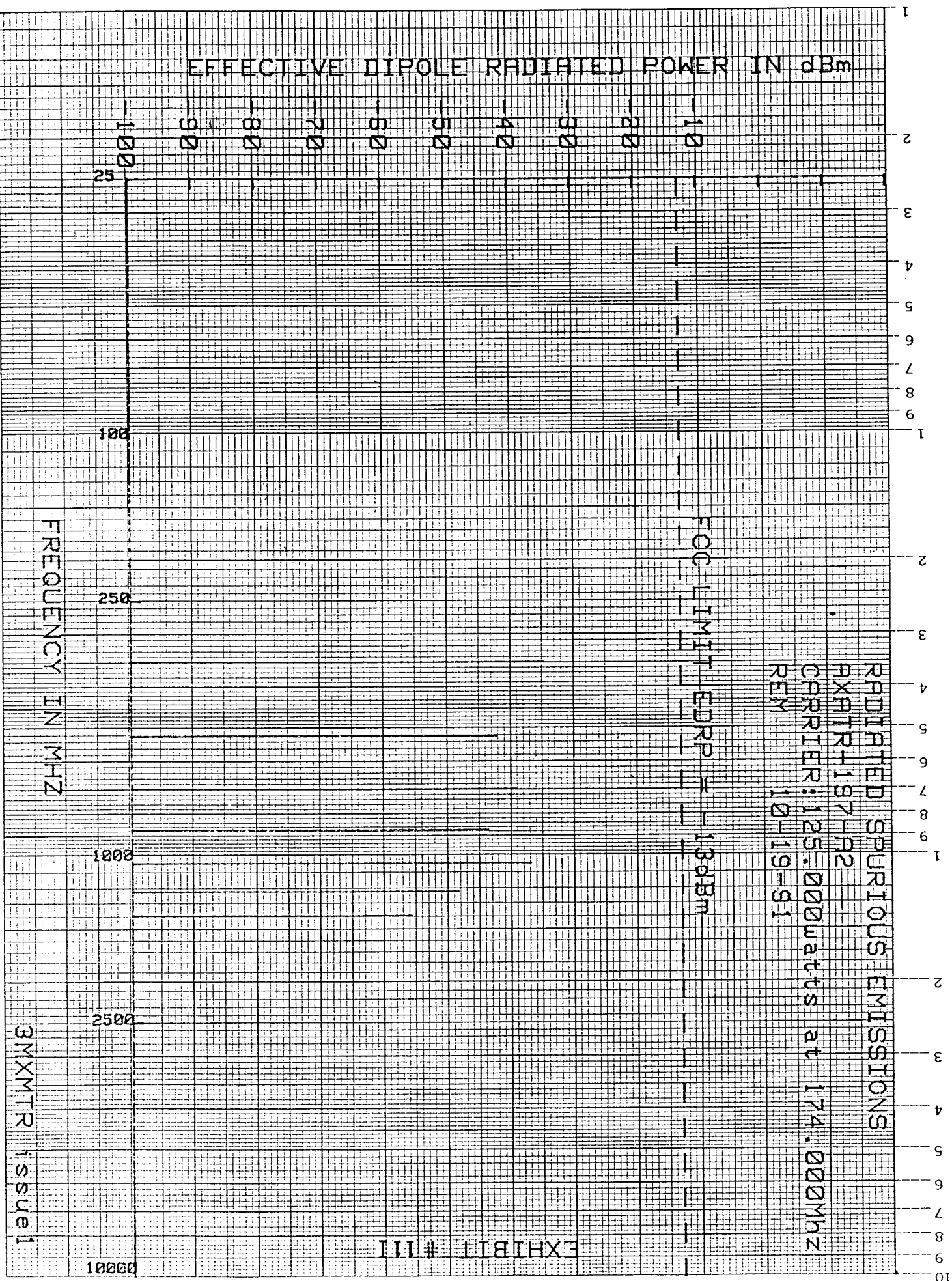
FREQUENCY IN MHZ

3MXMTR Issue 1

EXHIBIT #111F







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FREQUENCY STABILITY

Paragraph (a, 1) (b) (d, 1) variation of output frequency as a result of either temperature or voltage variation is reported in the graphs on the following sheets.

Frequency Stability:

Measurement Procedure: Please reference amended KT-140-A filing for Supplemental Report on Oscillator Measurements.

Exhibit 12B
Exhibit 12C

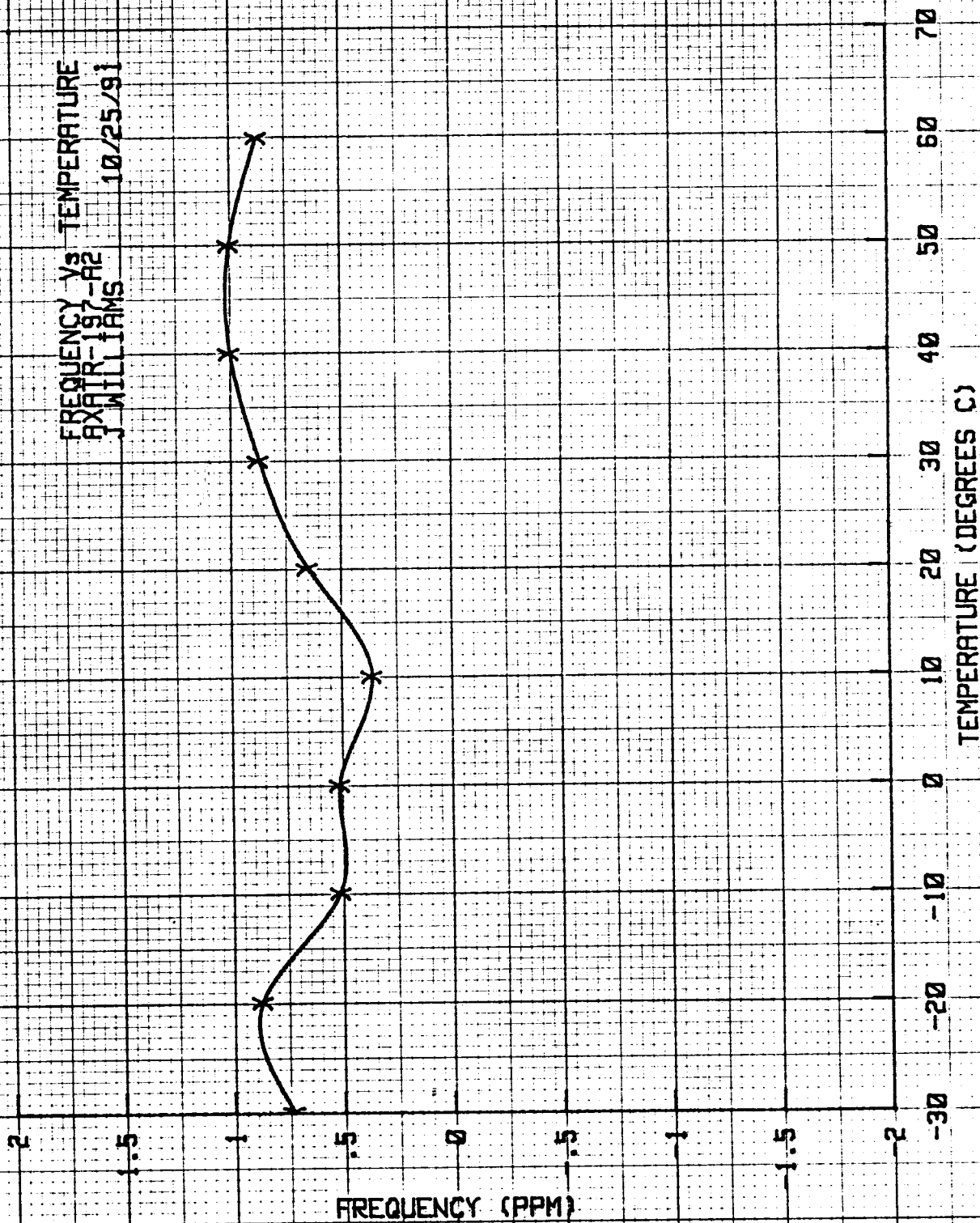
Frequency Versus Temperature
Frequency Versus Voltage

Test Equipment Used:

Symec-Quartz Thermometer
Hewlett Packard Counter
Fluke Digital Multimeter
Delta Temperature Chamber

Model 2800A
Model 5245L
Model 8100A
MK2300

FREQUENCY V₃ TEMPERATURE
 AXAIR-197-A2
 J WILLIAMS 10/25/91



FREQUENCY VS VOLTAGE
 EXAIR-187-A2
 J. WILLIAMS 10/25/91

FREQUENCY (PPM)

SUPPLY VOLTAGE (VOLTS DC)

17

16

15

14

13

12

11

2

1.5

1

0.5

0

0.5

1

1.5

2

EXHIBIT 13

APPLICANT:
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FCC ID NO.
AXATR-197-A2

IDENTIFICATION NAMEPLATE

ERICSSON GE

COMB:
SER#: 7654321



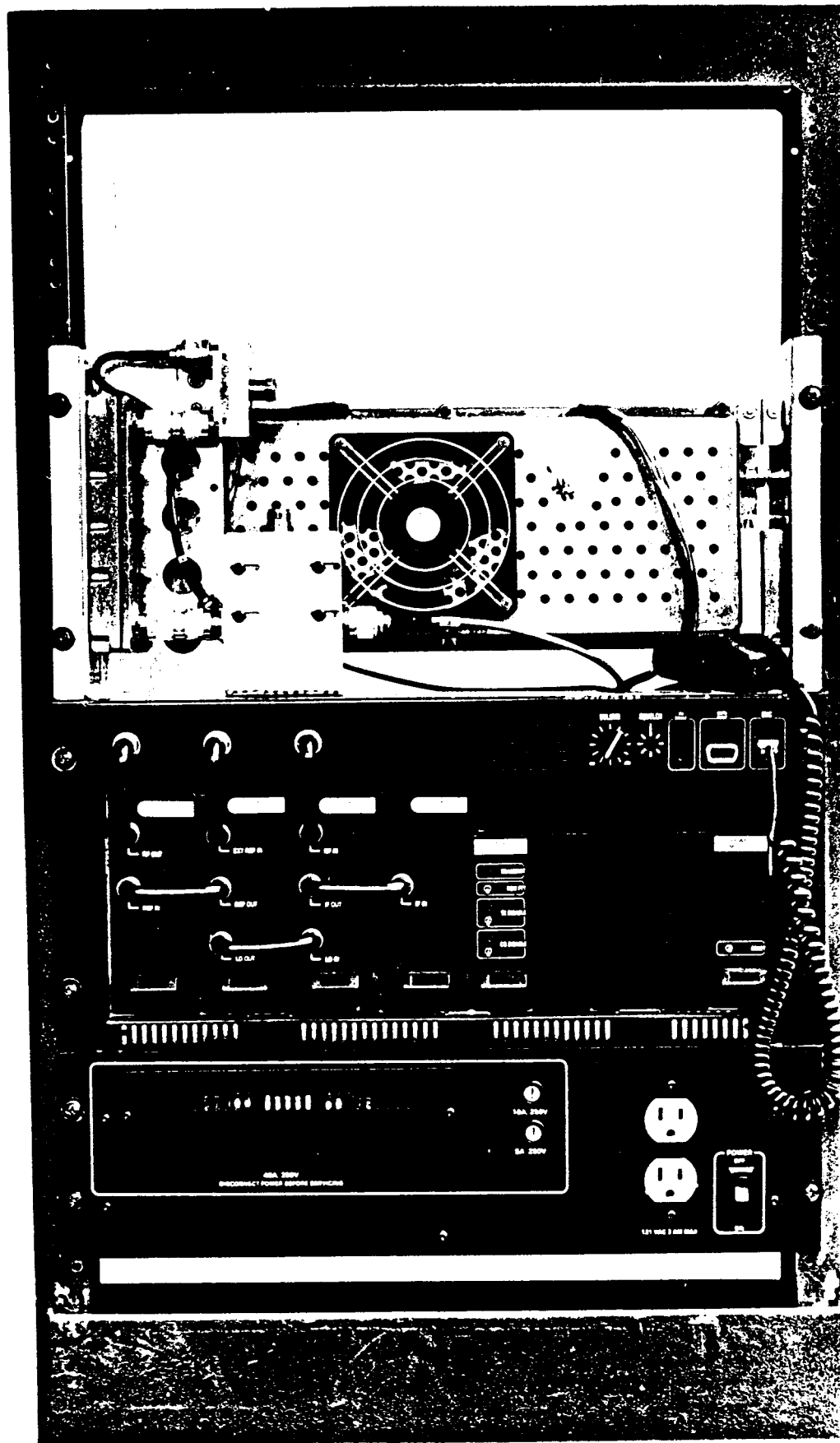
FCC ID: AXATR-197-A2

DOC:
INPUT:
120/240 VAC Single Phase 60 HZ
9/5 A 1100 W

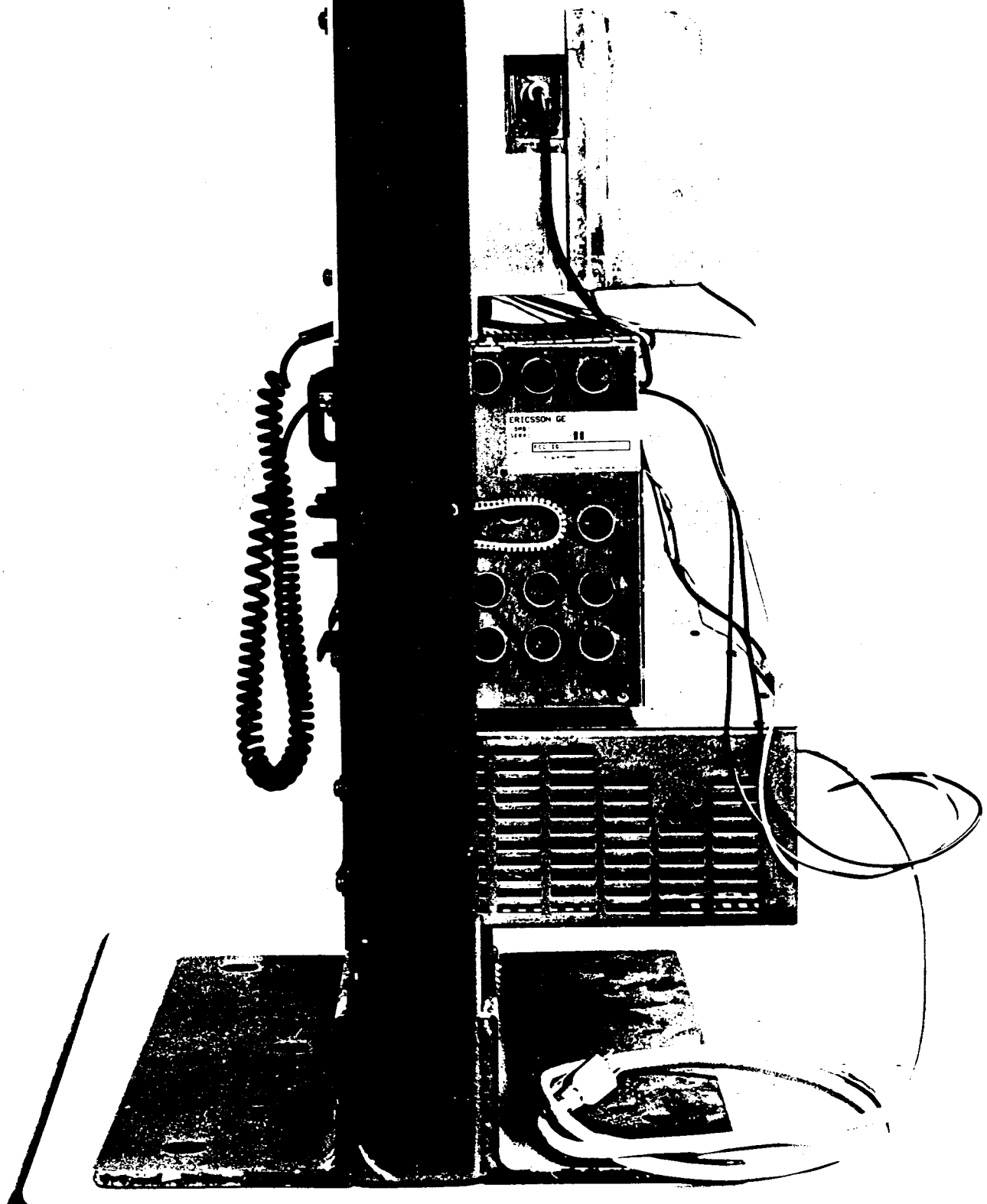
91432

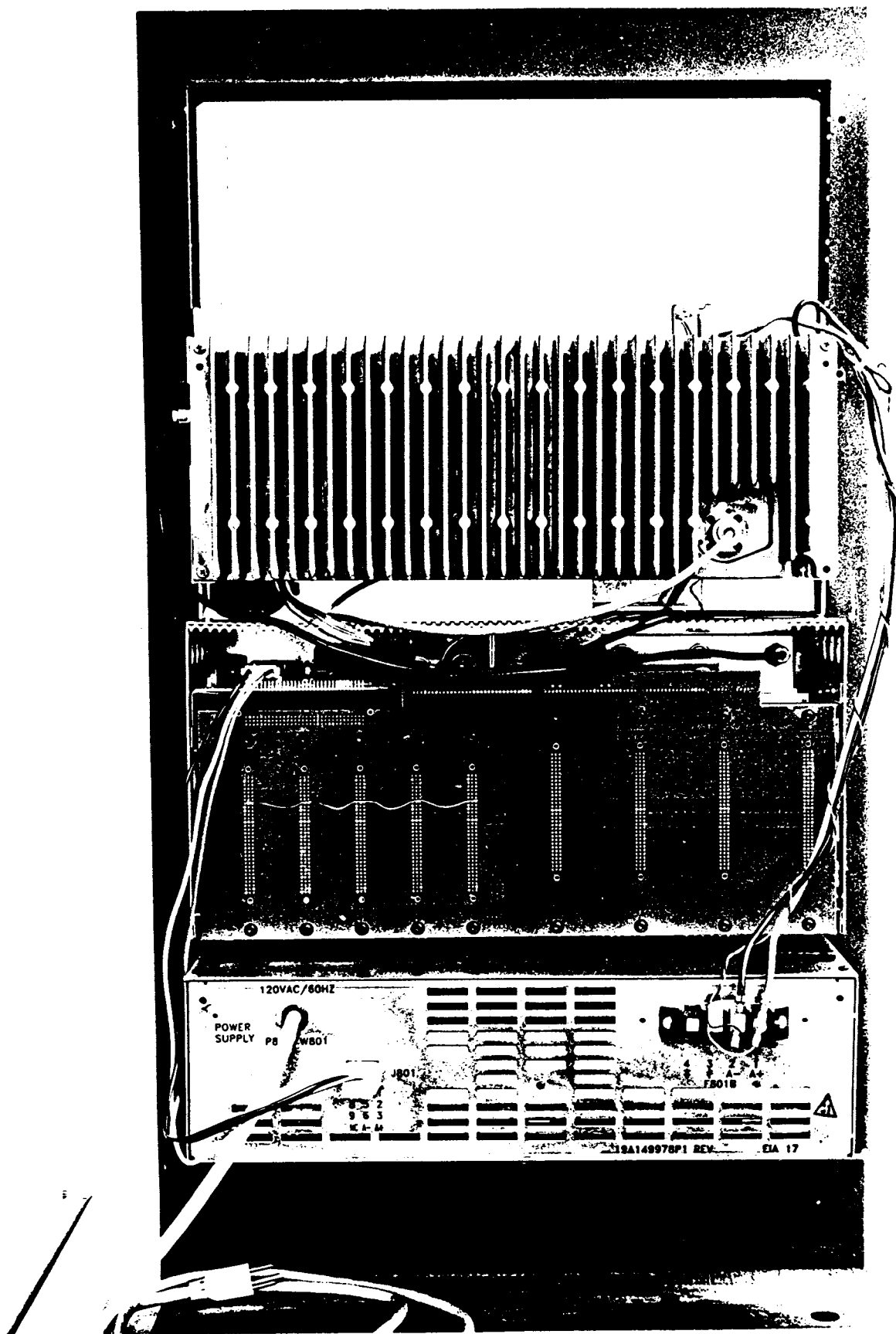
MADE IN LYNCHBURG, VA. USA

14A

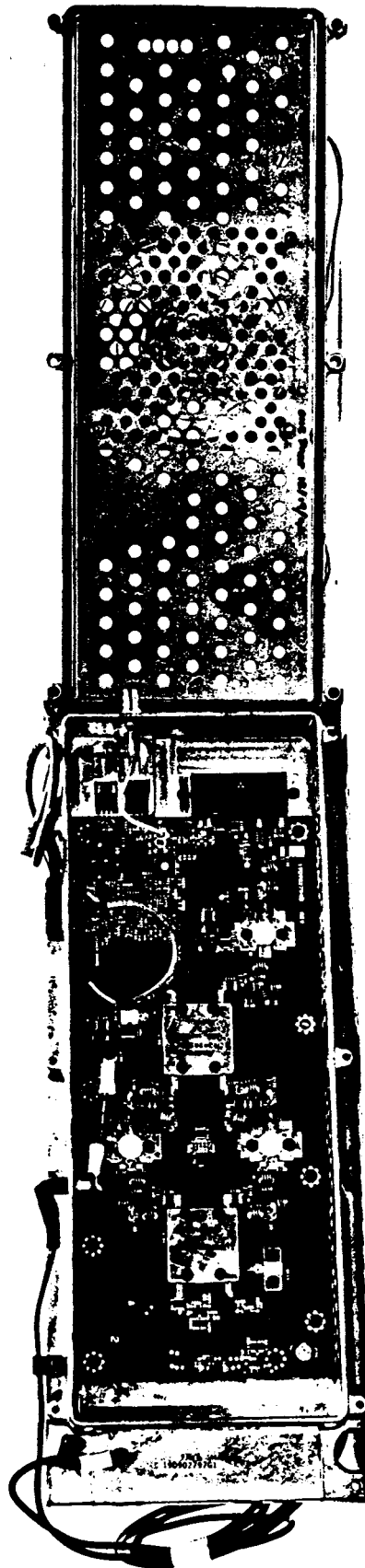


14B

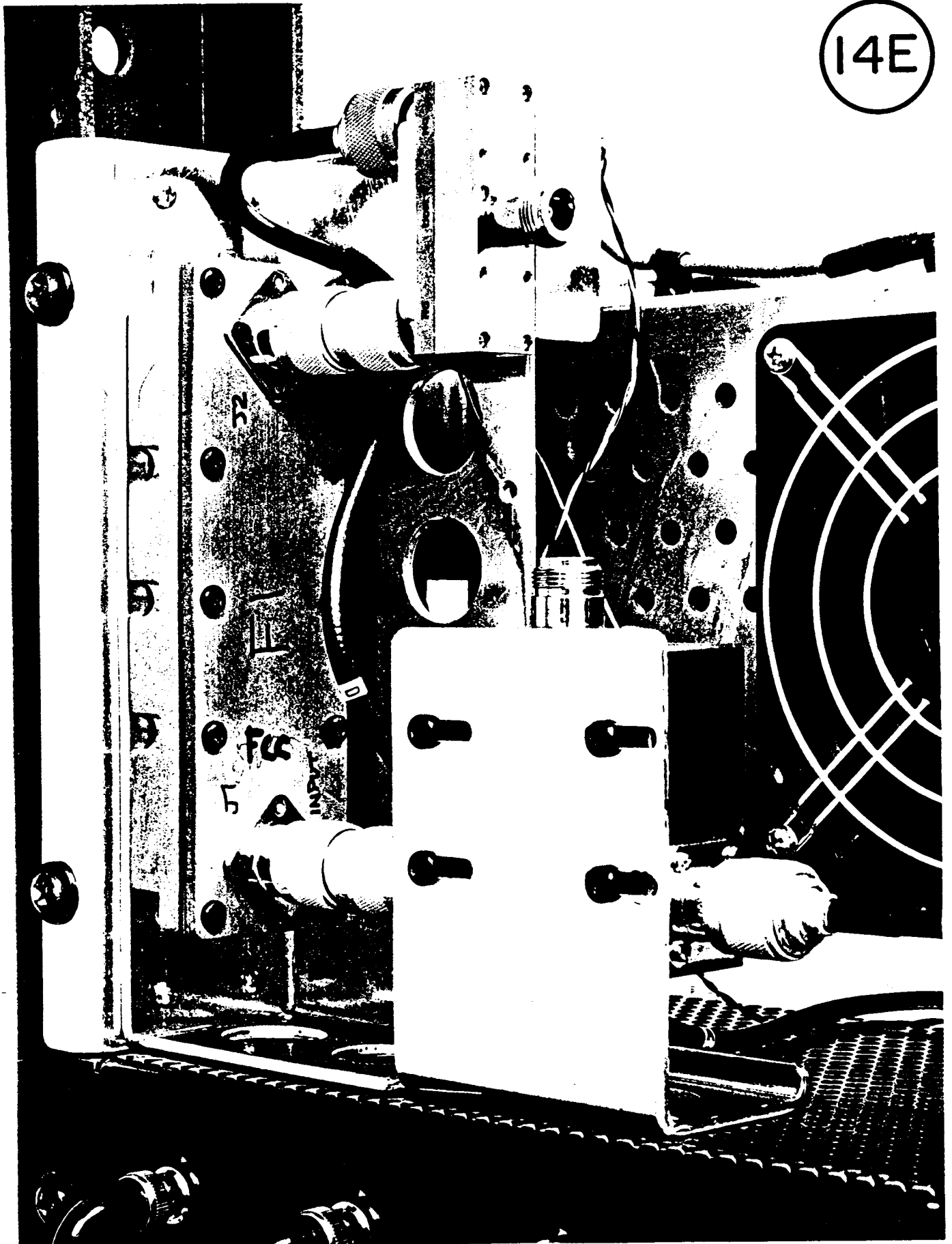




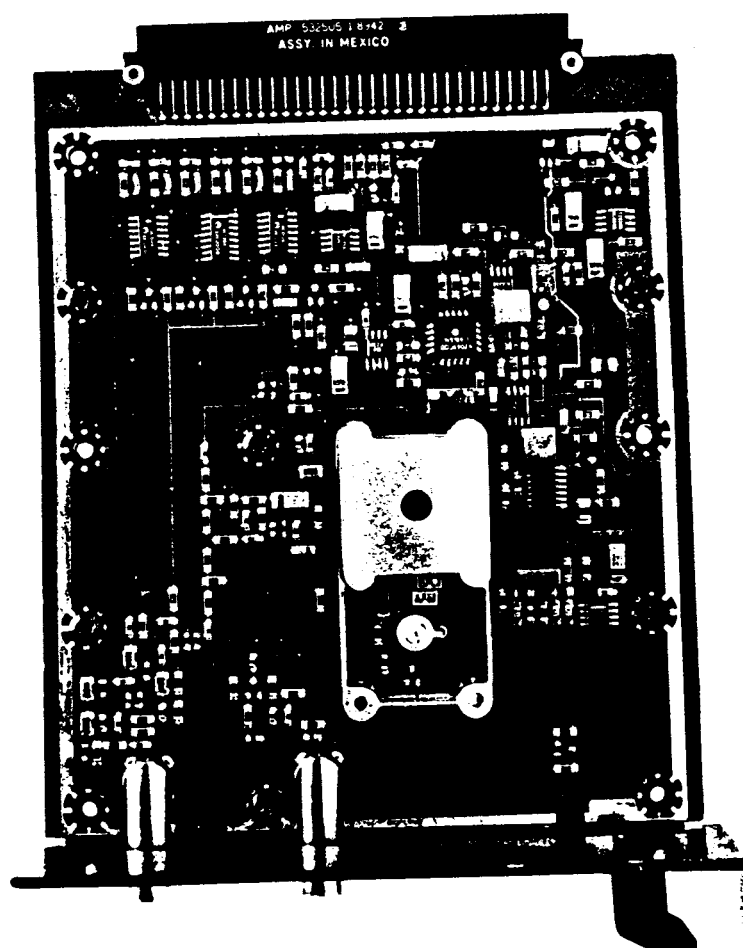
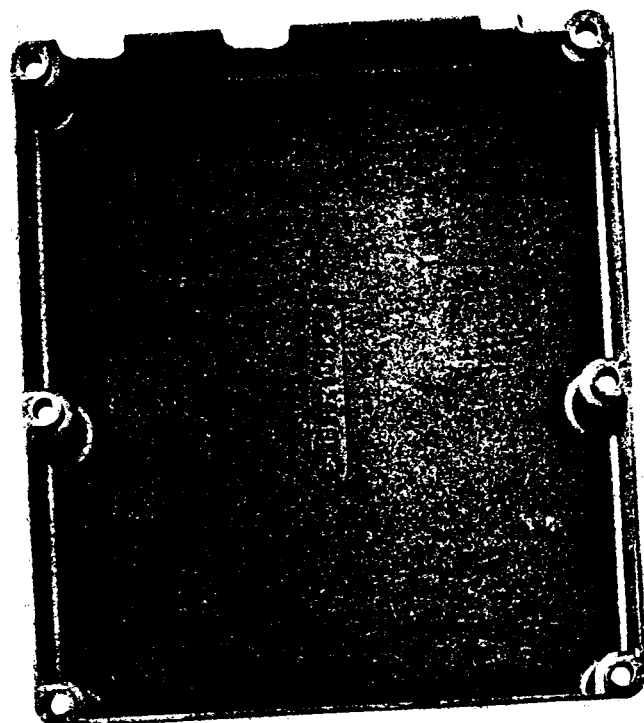
I4D



14E



14F

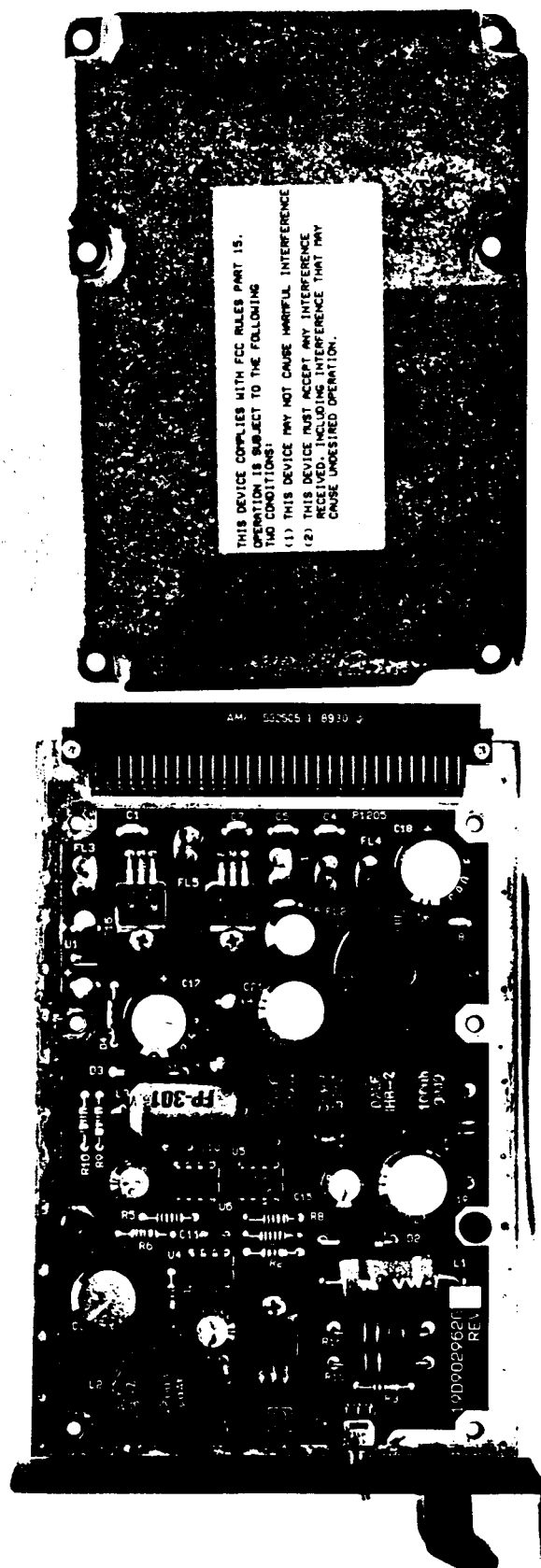


14G

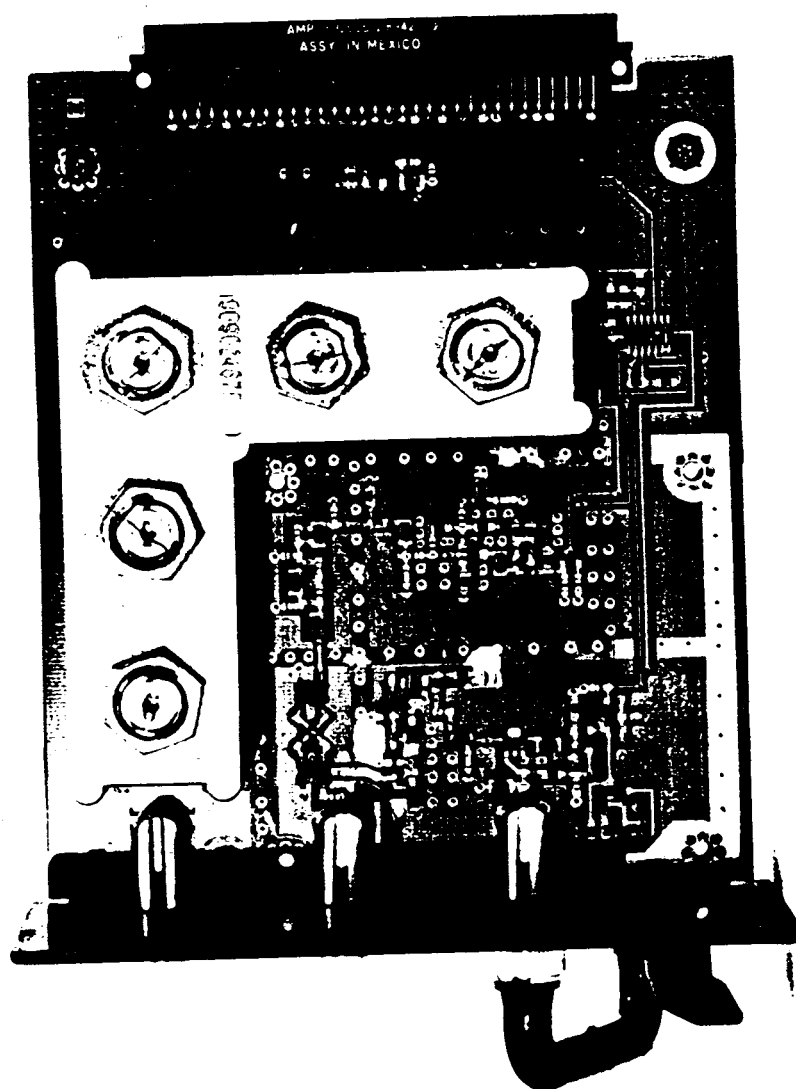
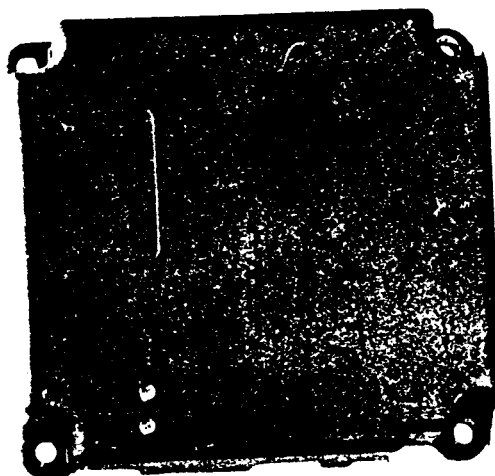
THIS DEVICE COMPLIES WITH FCC RULES PART 15.
OPERATION IS SUBJECT TO THE FOLLOWING
TWO CONDITIONS:

- (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE
- (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE
RECEIVED, INCLUDING INTERFERENCE THAT MAY
CAUSE UNDESIRABLE OPERATION.

14H



14I



A dark, heavily textured rectangular object, possibly a book cover or a piece of fabric, with four circular fasteners or buttons at the corners. The texture is grainy and uneven, with many small white specks and fibers visible against the dark background. The fasteners are light-colored and appear to be made of a different material, possibly plastic or metal, and are located at the top-left, top-right, bottom-left, and bottom-right corners. The object is set against a plain white background.



14K

