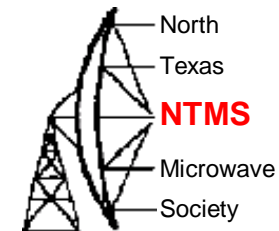
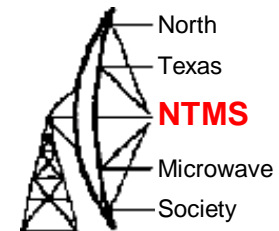


Microwaves are Easy



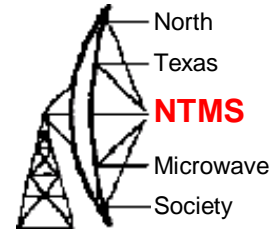
Ask Most Hams: Microwaves are

1. Line of sight
2. Expensive
3. You need a PHD

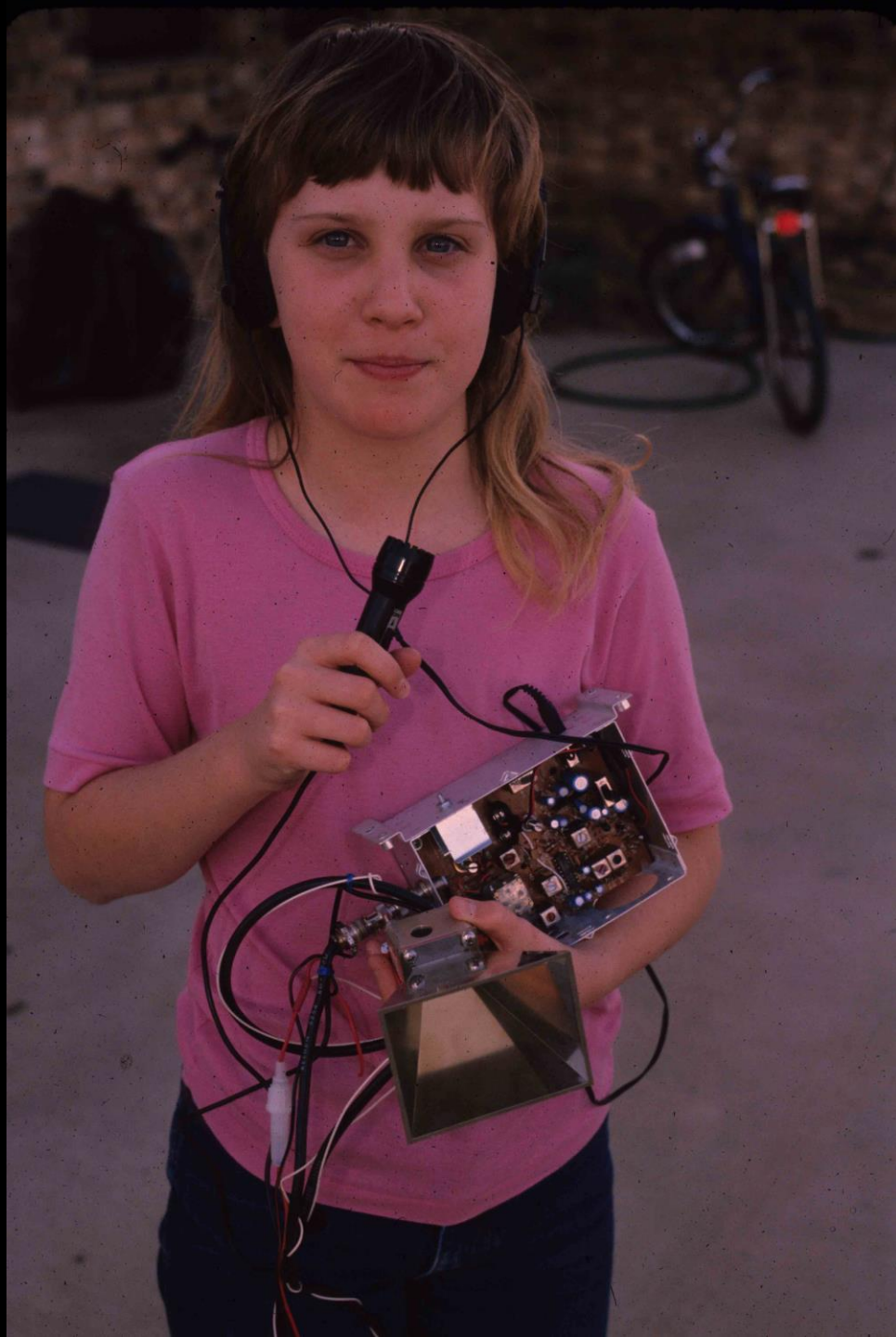


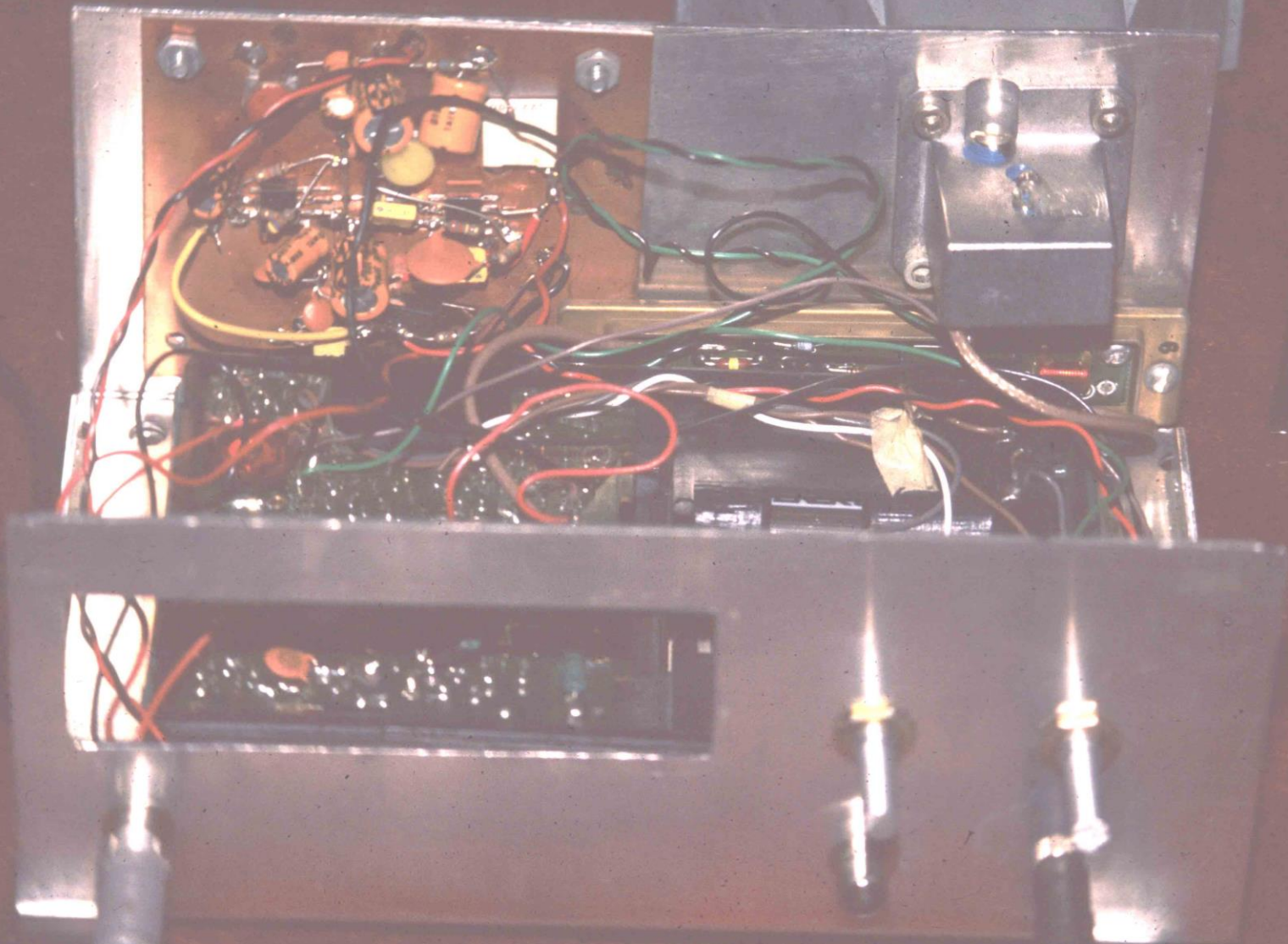
1. Line of sight





2. Expensive













Handwritten note on a piece of paper:

14s
5.5
610
7.0
8.0
7.0
40
52

3302900A

D012 A

51191

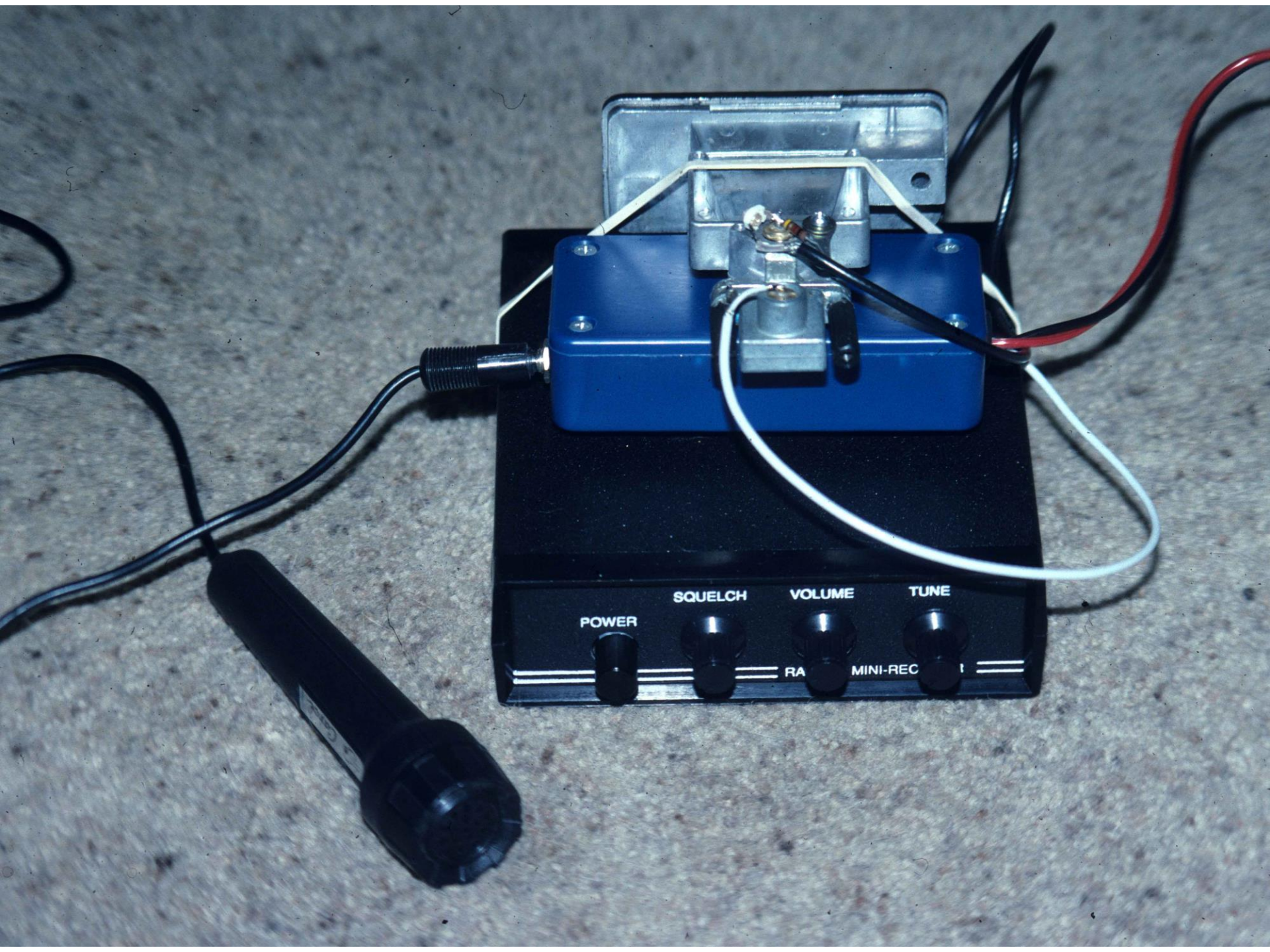
1.6V

20GR

57103

57103





POWER

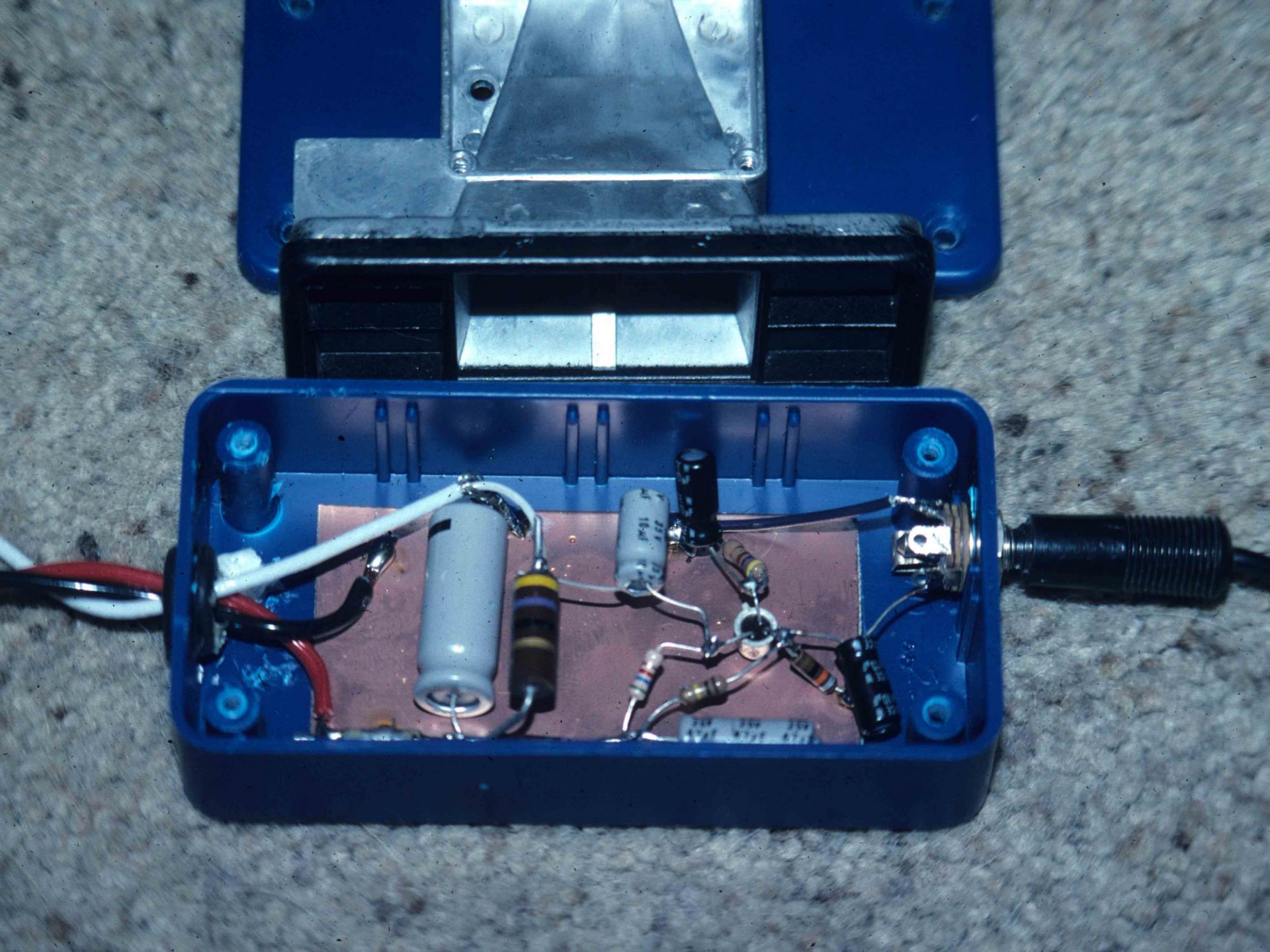
SQUELCH

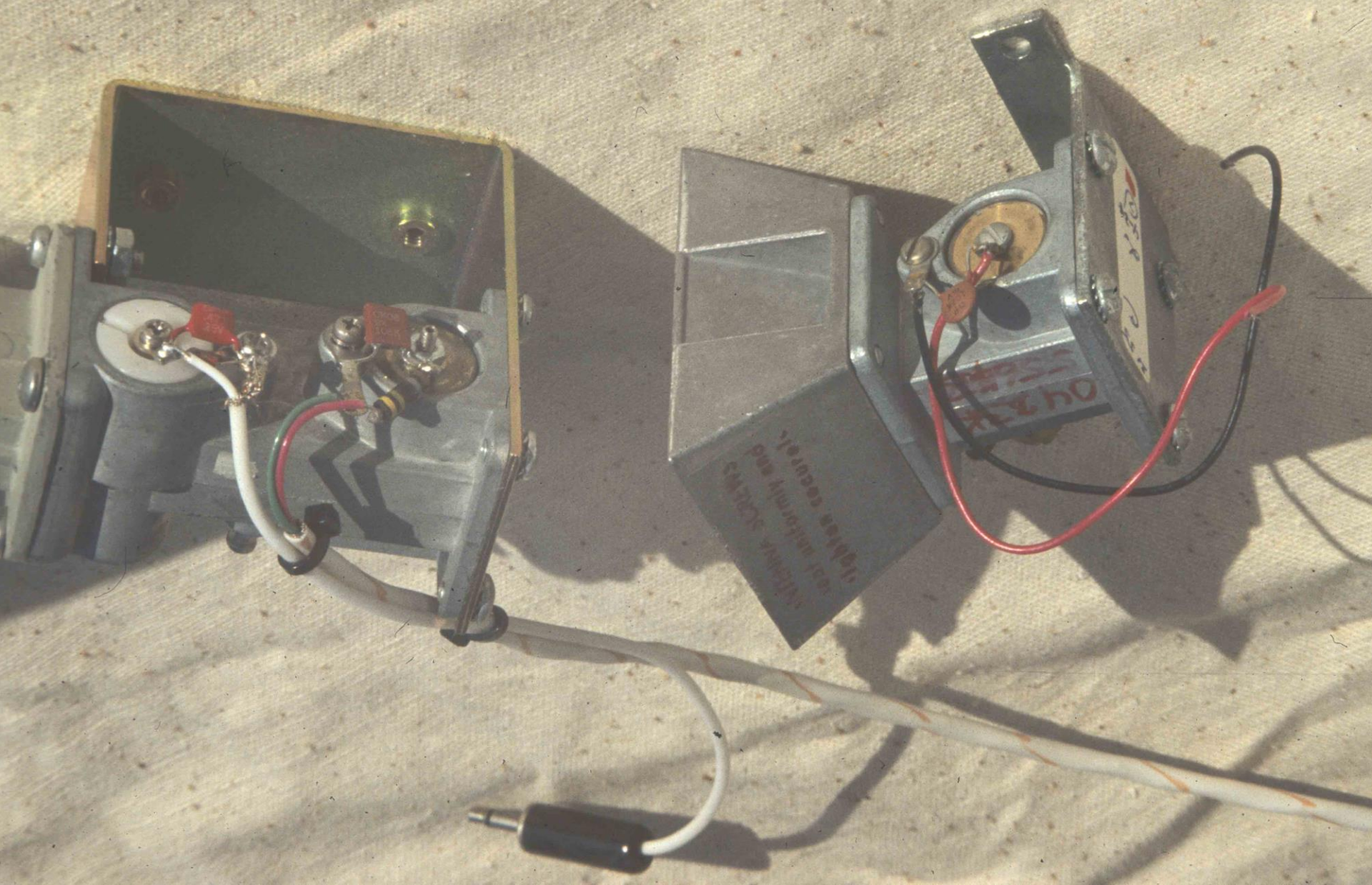
VOLUME

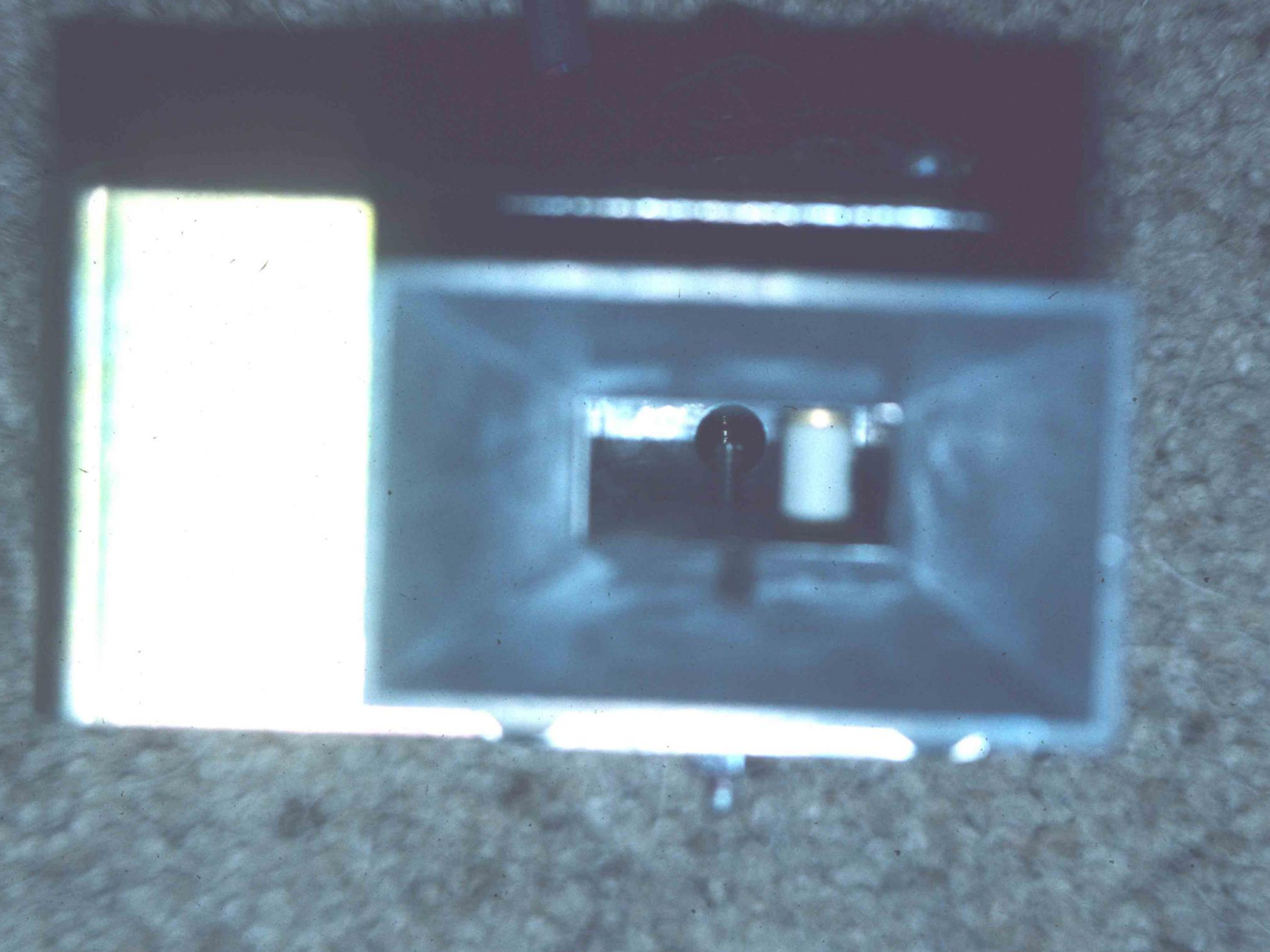
TUNE

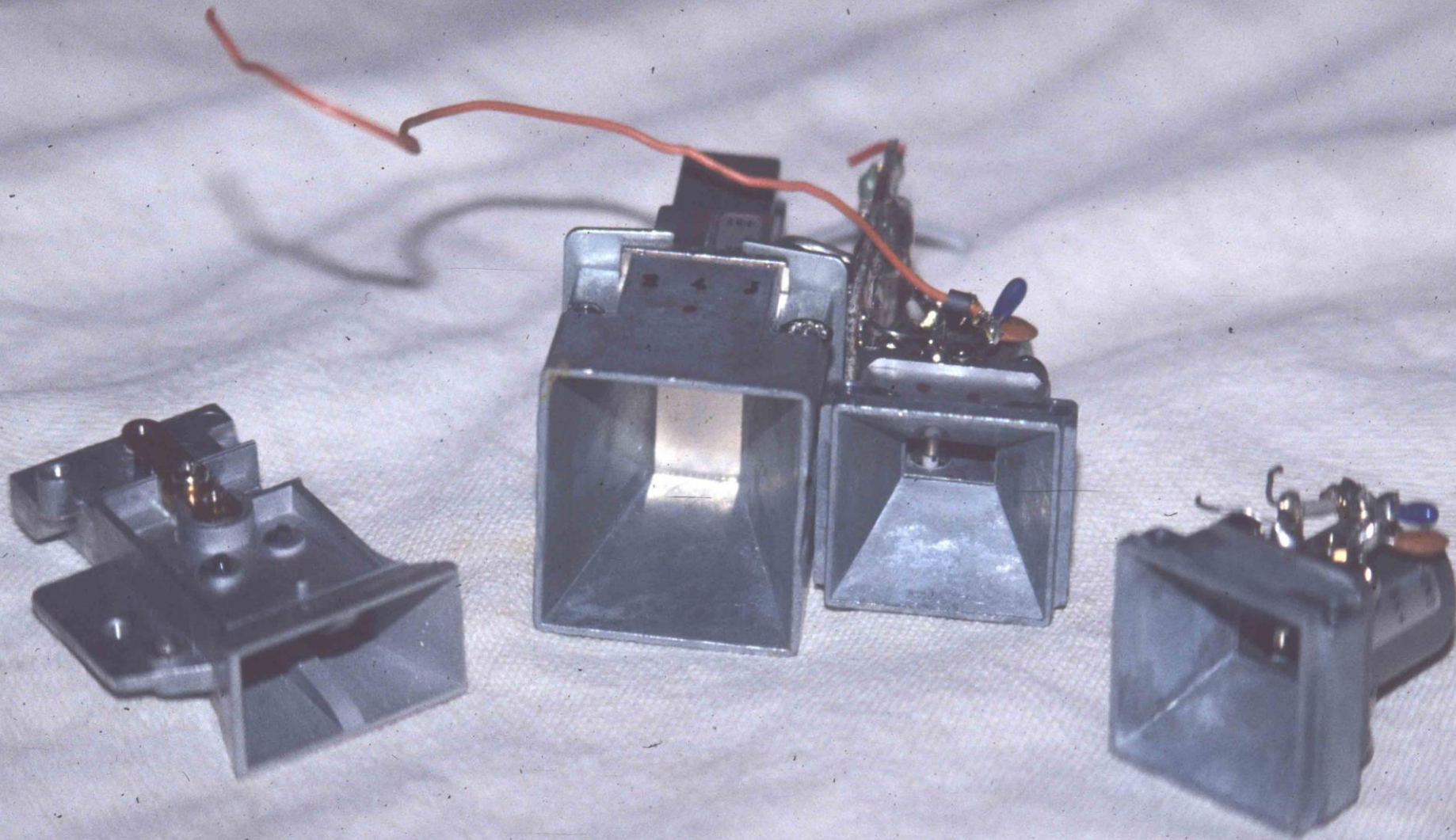
RA

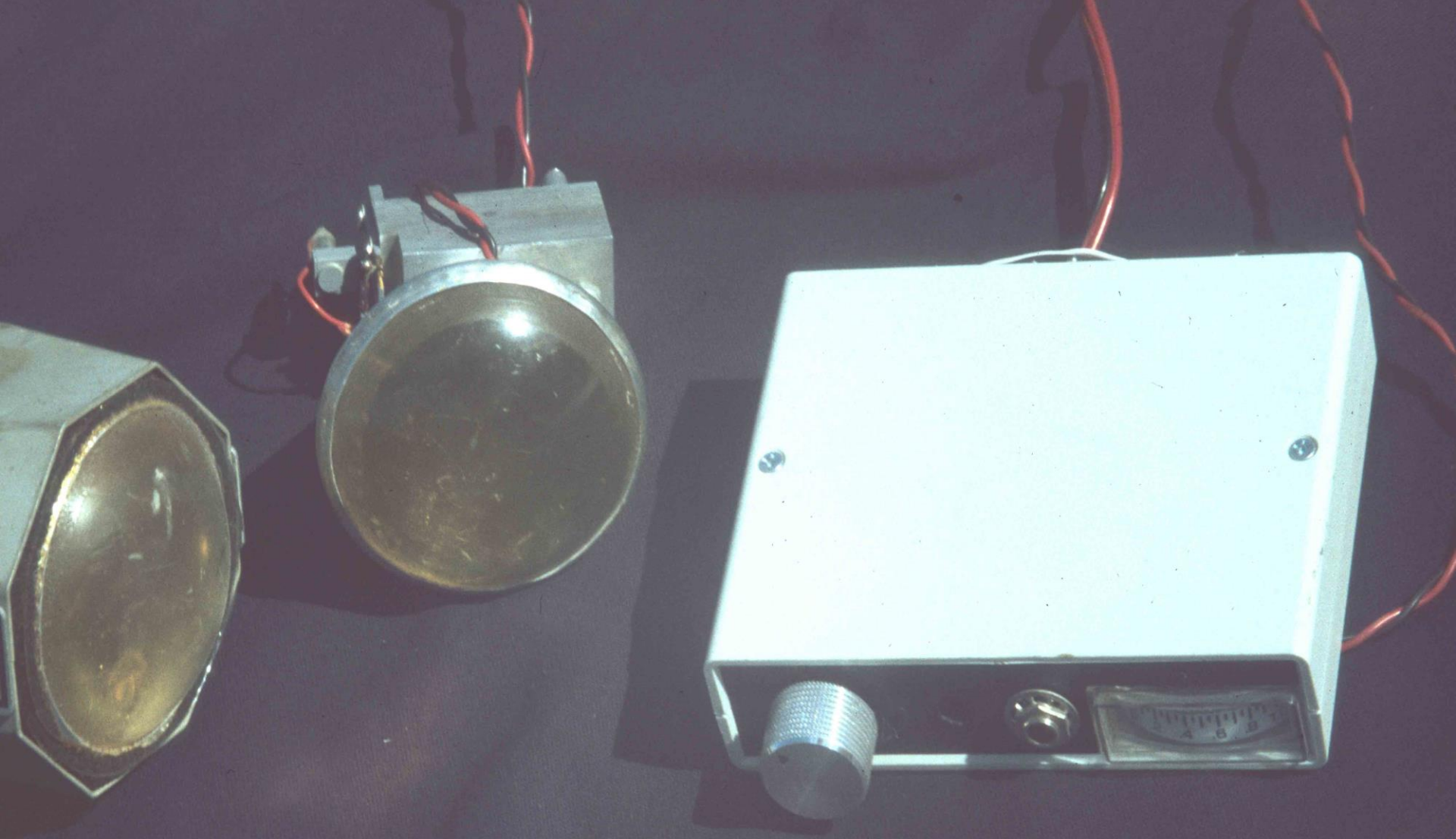
MINI-REC

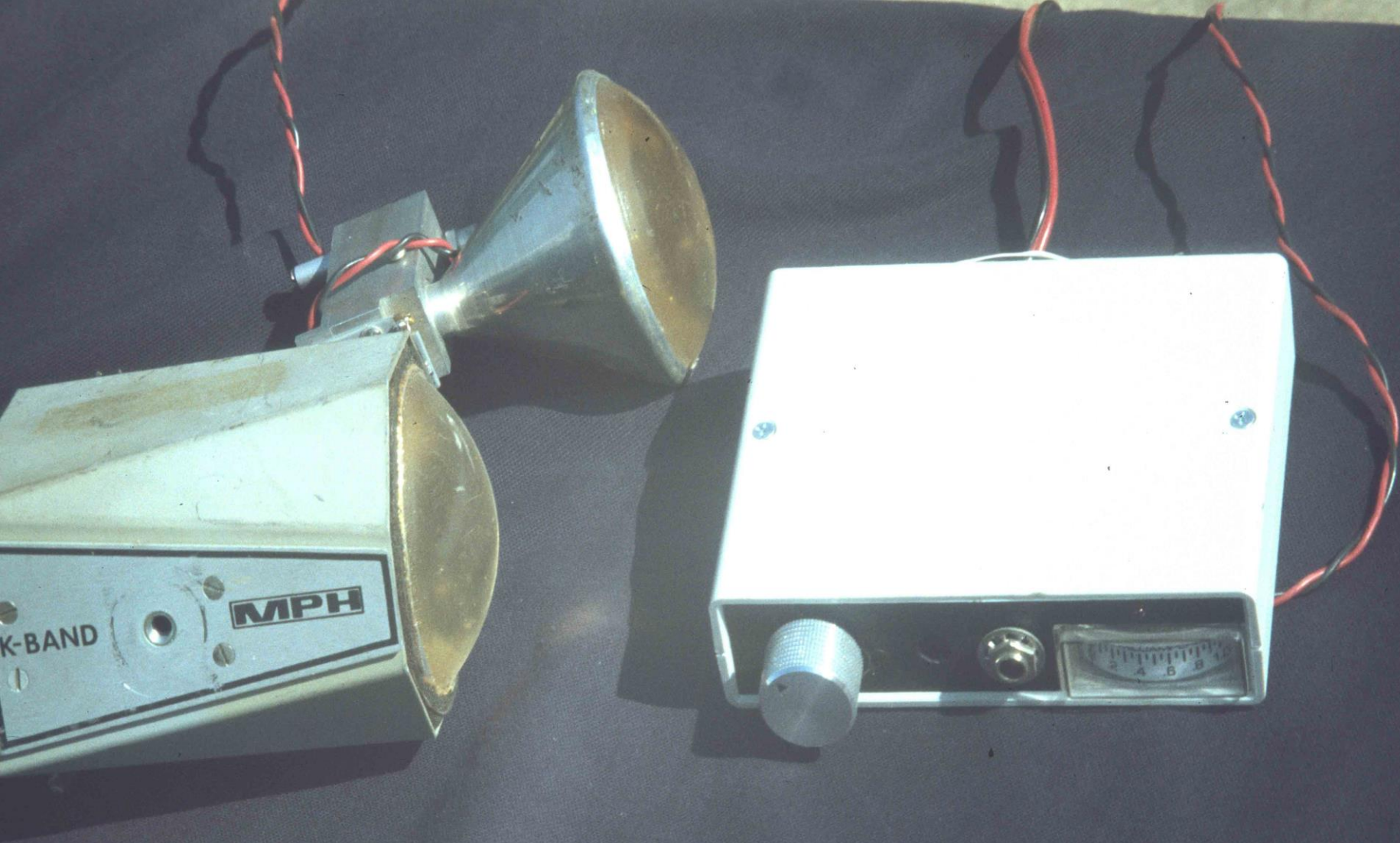












K-BAND

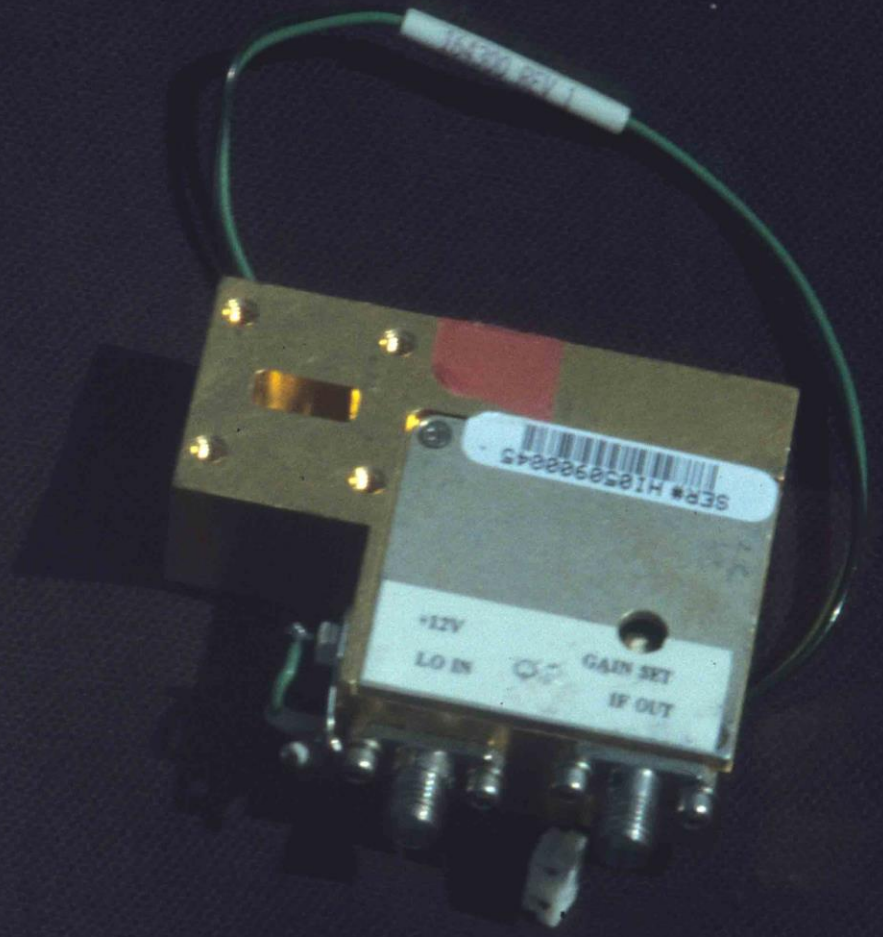
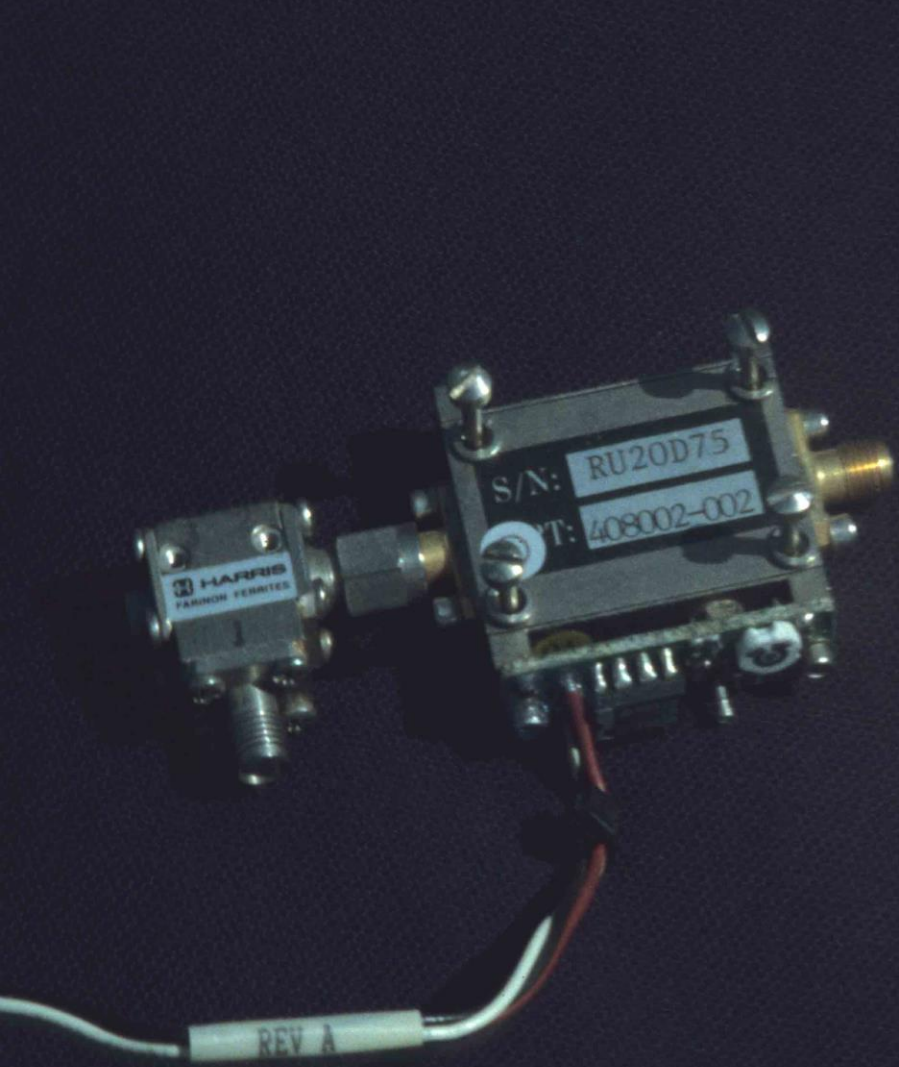
MPH

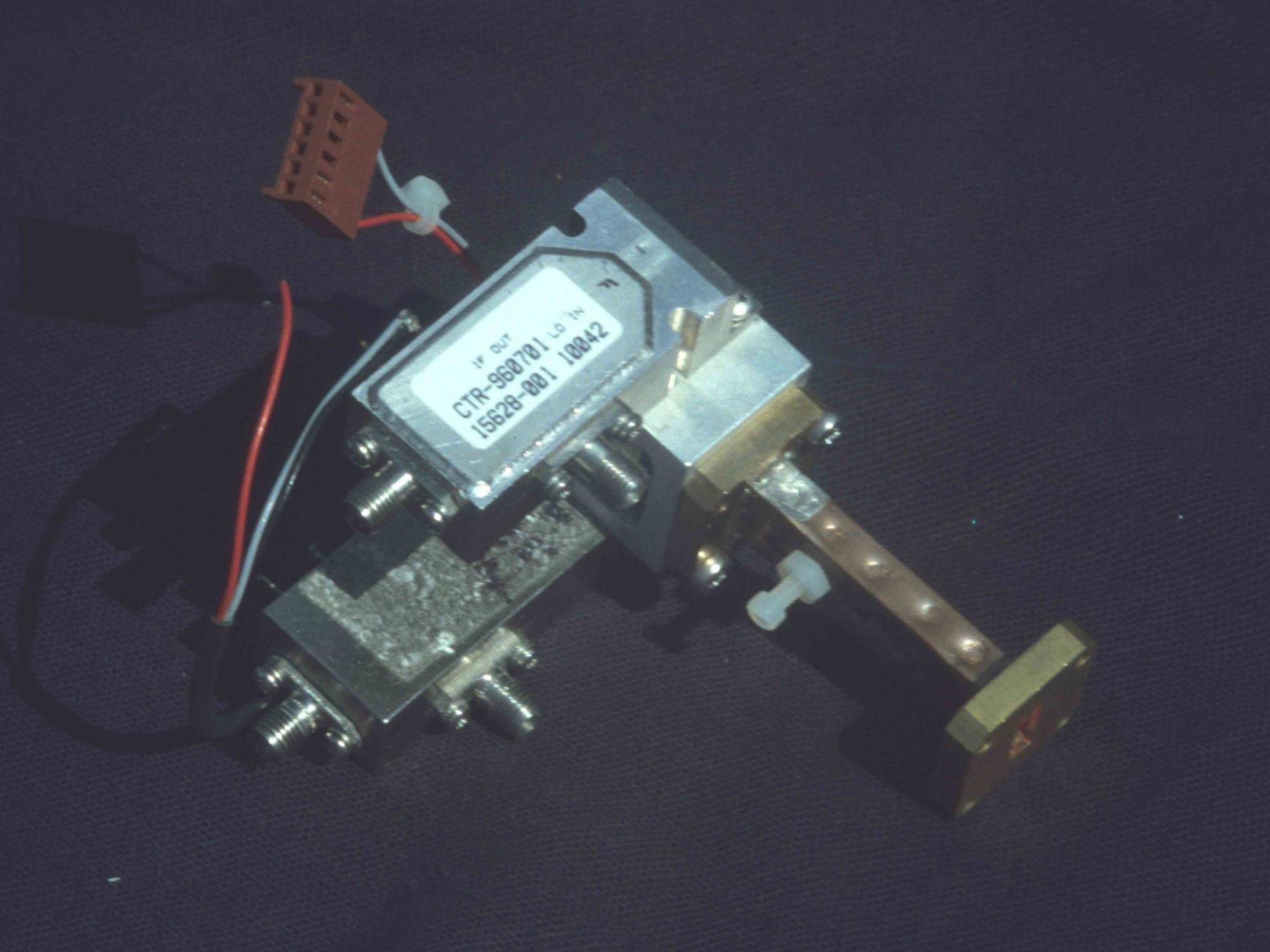




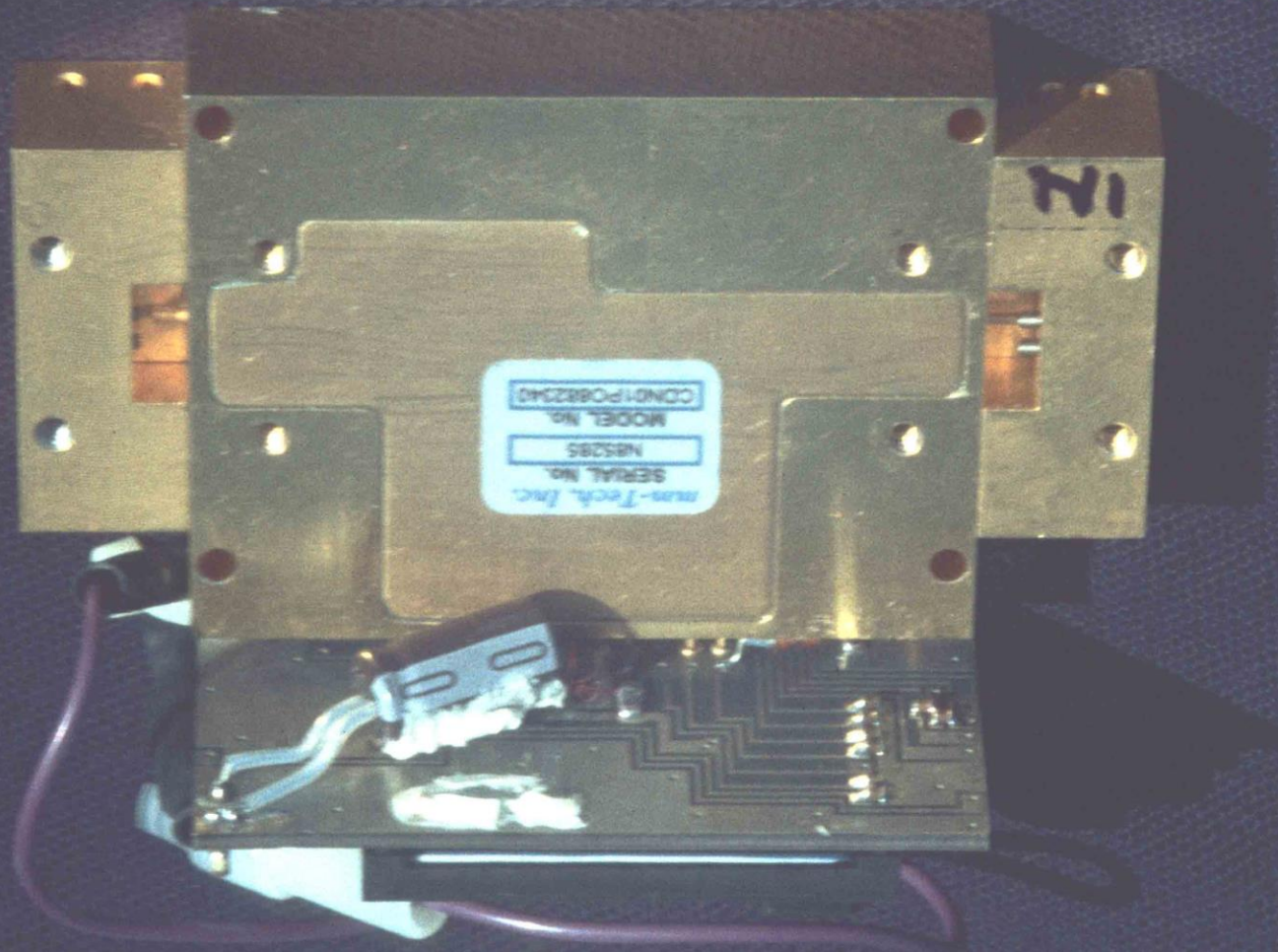
17.5"
Cassegrain
 $\approx 37\text{dBi}$ Theoretical







IF OUT
CTR-960701
15628-001 10042
LO IN

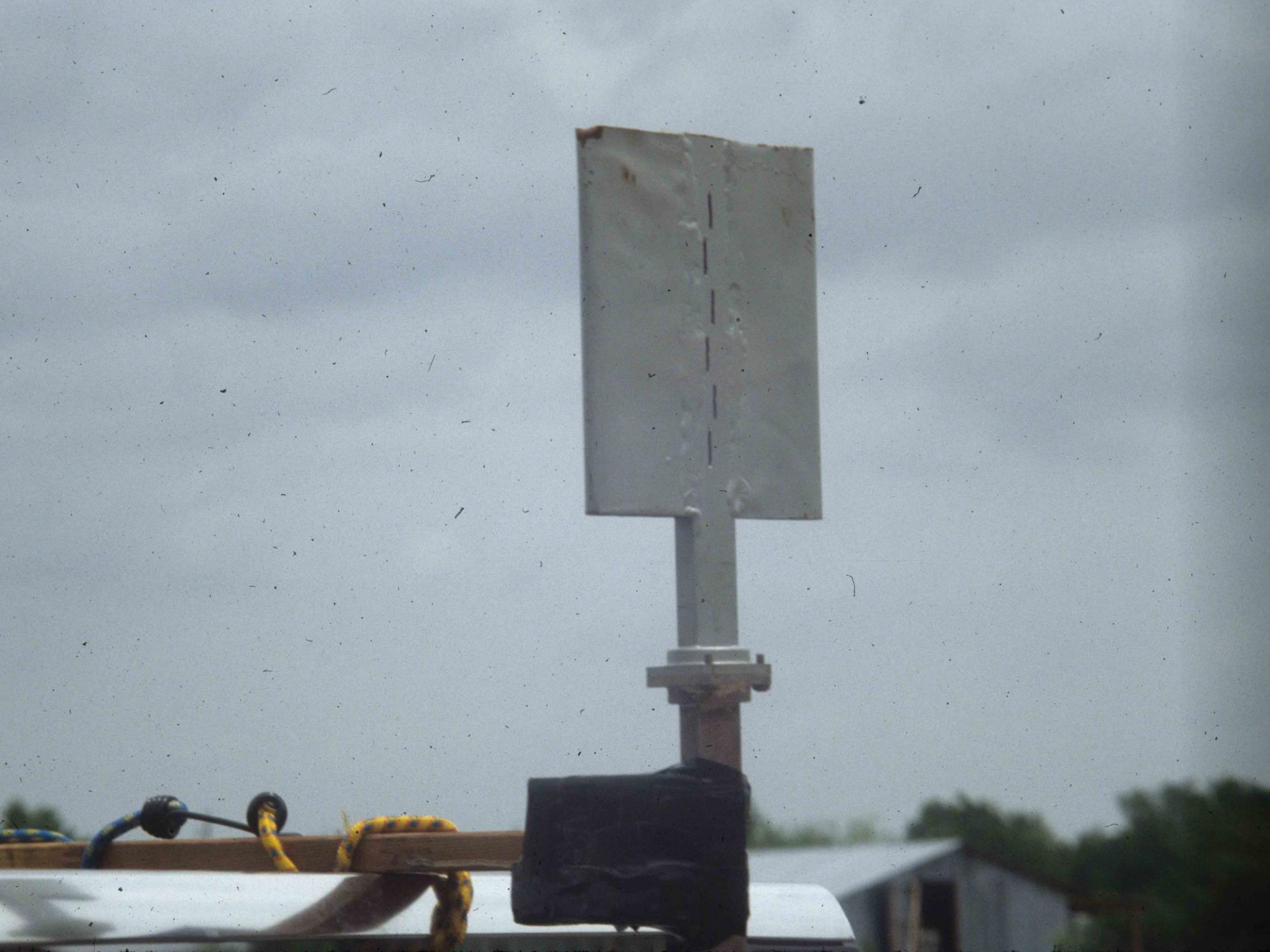


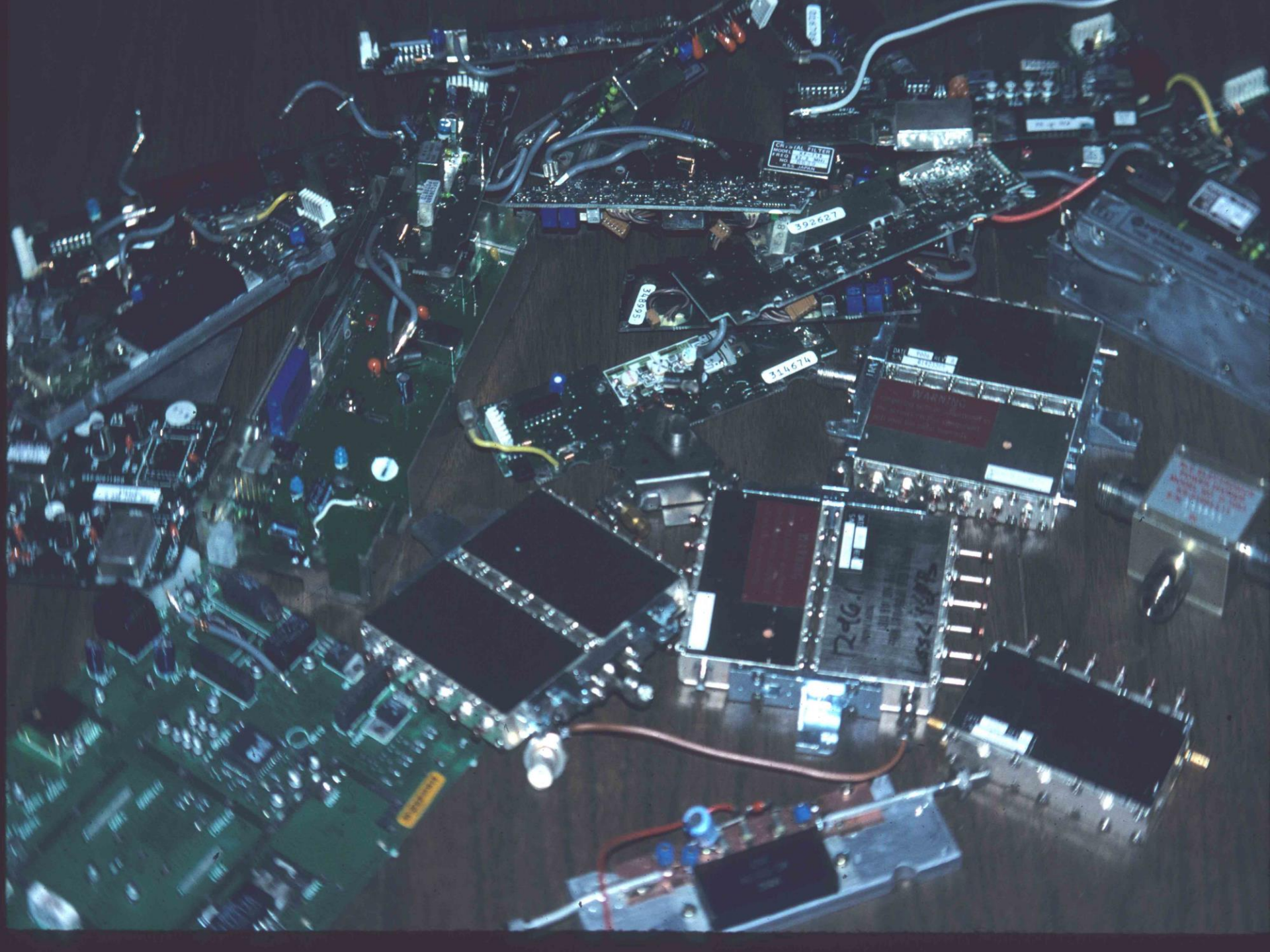
max-Tech, Inc.
SERIAL NO. N85285
MODEL NO. CDND1-P0882340

12









CRITICAL FILTER
FRONT PANEL
NO. 302627

302627

314675

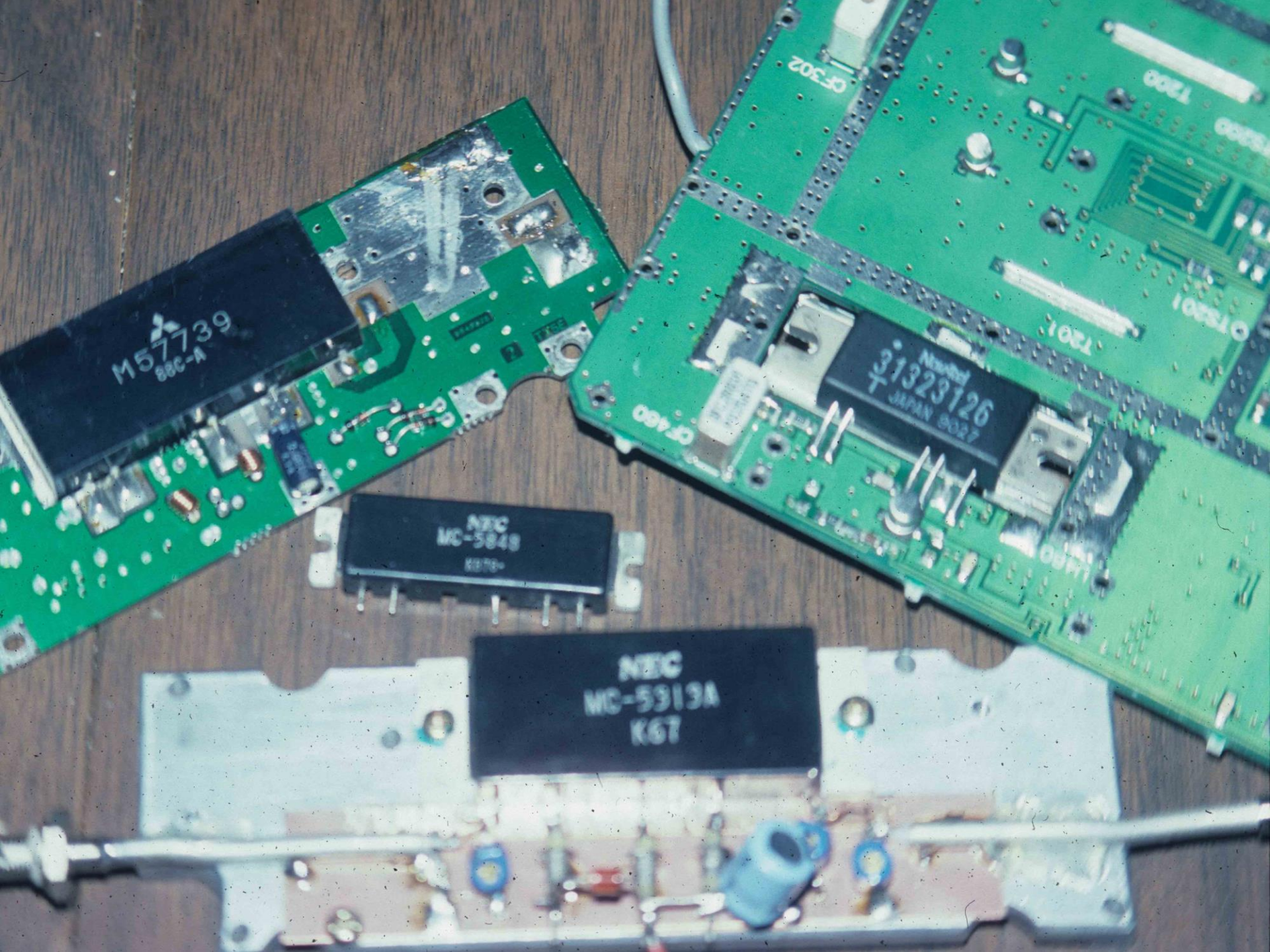
314674

WARNING
DO NOT TOUCH
INTERNAL COMPONENTS
WHILE THE UNIT IS ON
OR IMMEDIATELY AFTER
IT HAS BEEN POWERED
OFF.

246.1
1000000000
1000000000

DO NOT TOUCH
INTERNAL COMPONENTS
WHILE THE UNIT IS ON
OR IMMEDIATELY AFTER
IT HAS BEEN POWERED
OFF.

WARNING

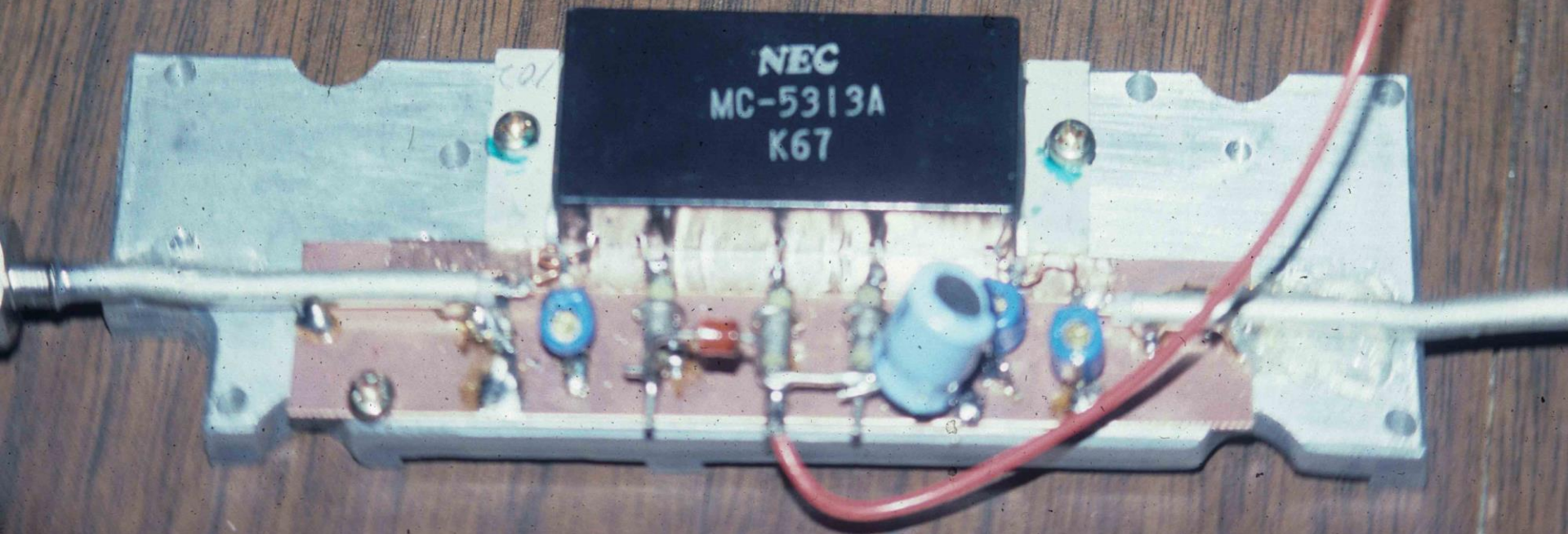
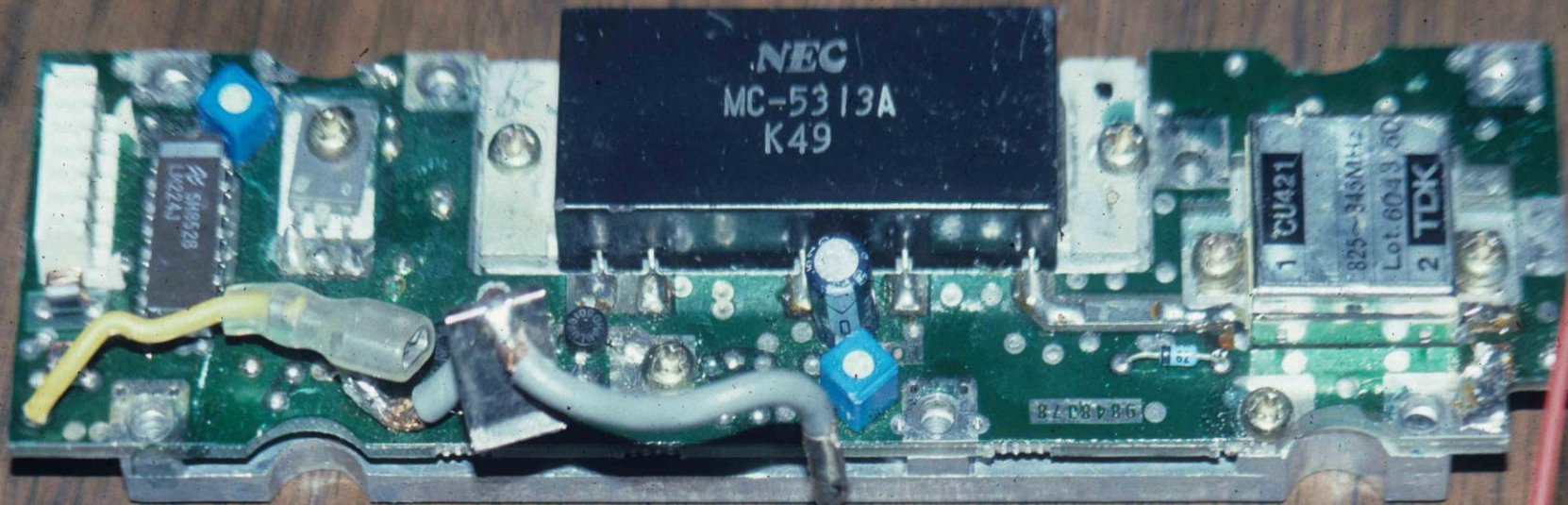


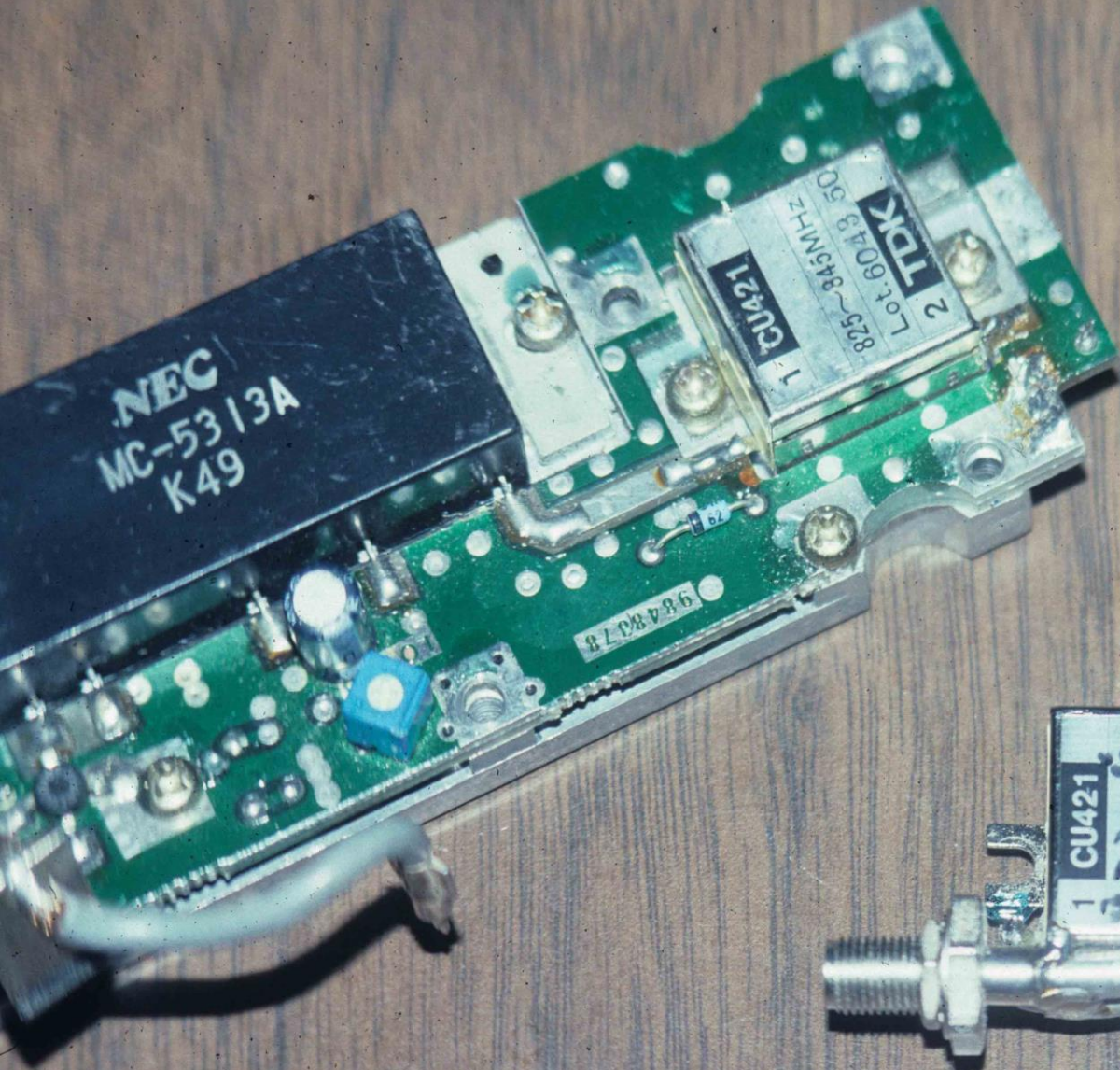
M57739
88C-A

31323126
NEC
T JAPAN 8027

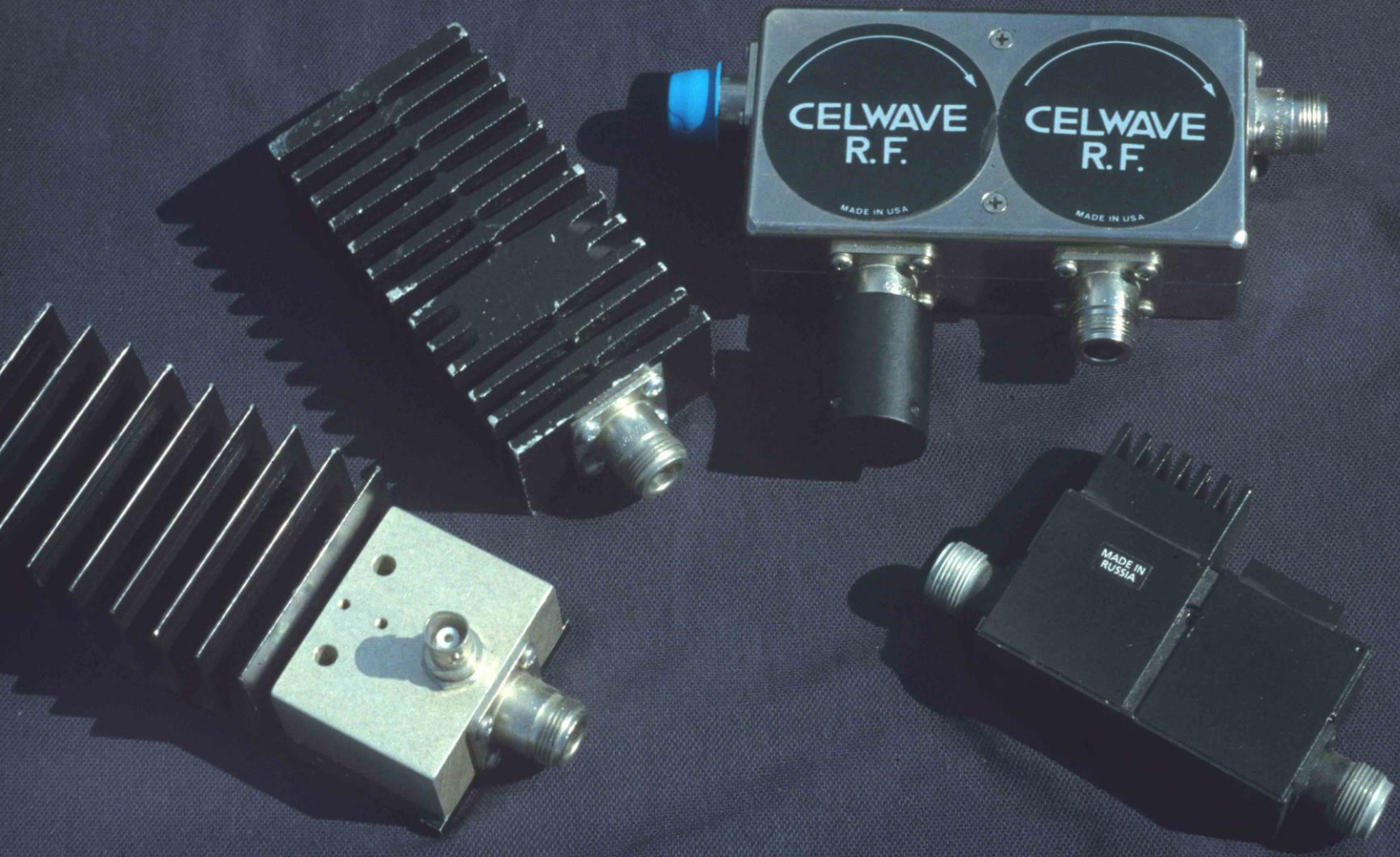
NEC
MC-5848
K178

NEC
MC-5913A
K67

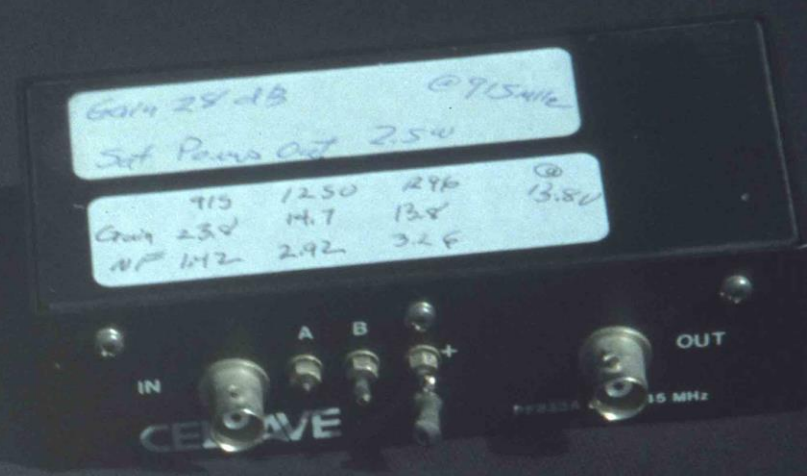
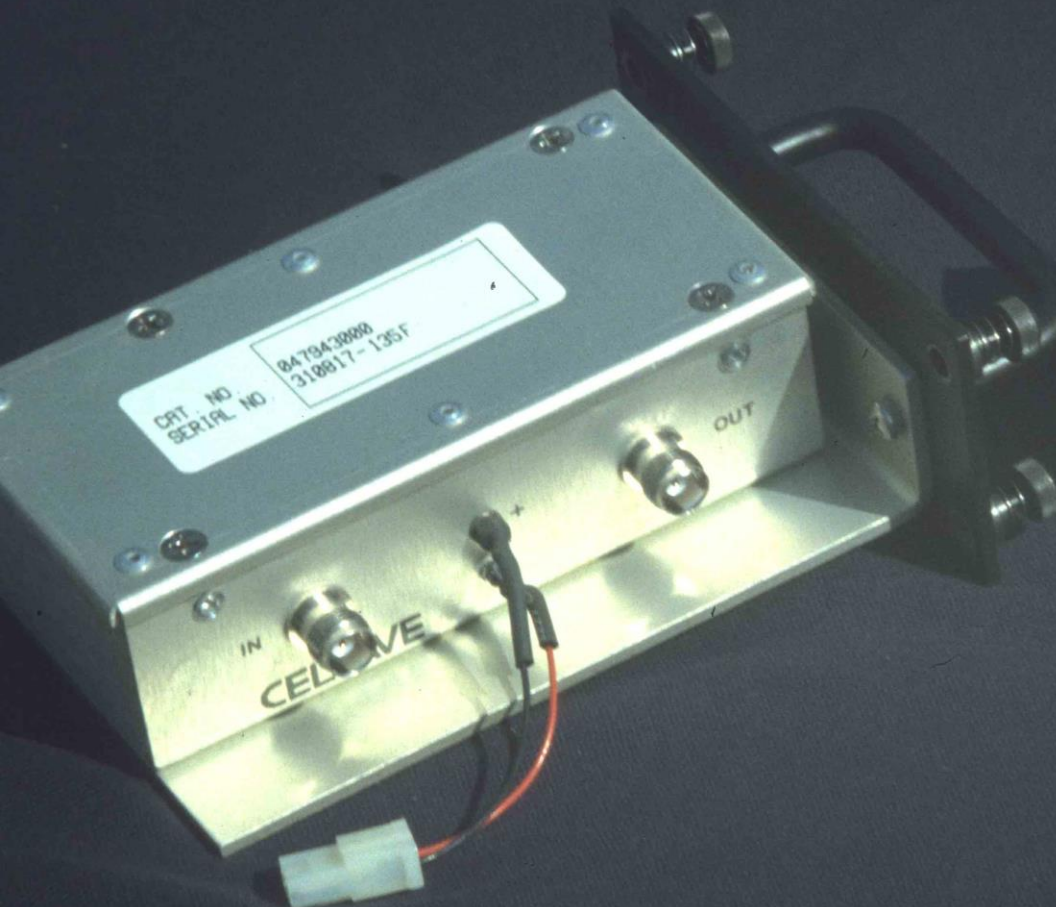














POWER AMPLIFIER

OUTPUT

RFTL

MIC
POWER LEVEL

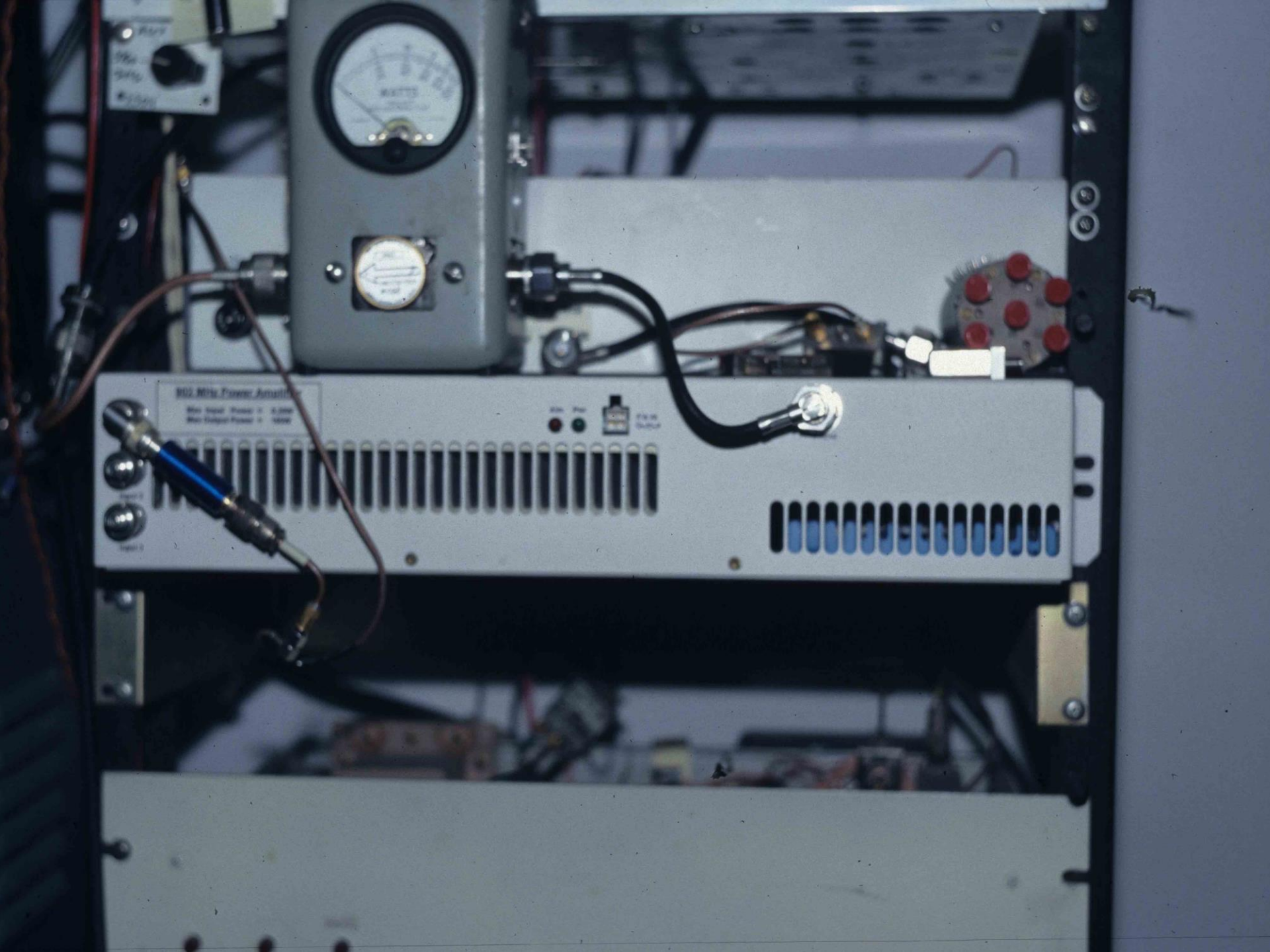
-24V SUPPLY

INPUT

ERICSSON

24V 1A GND
ERICKSON

24V 1A

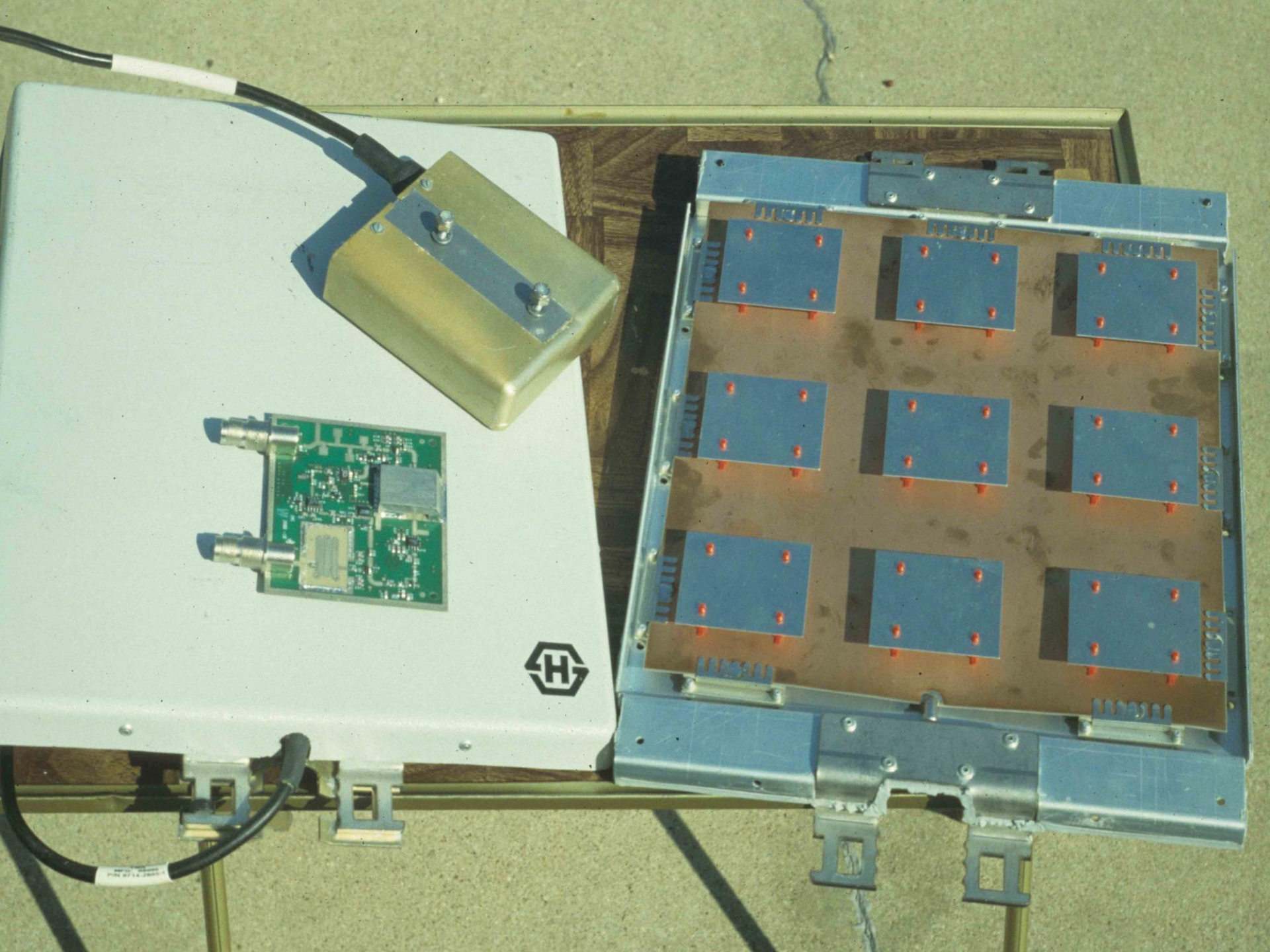


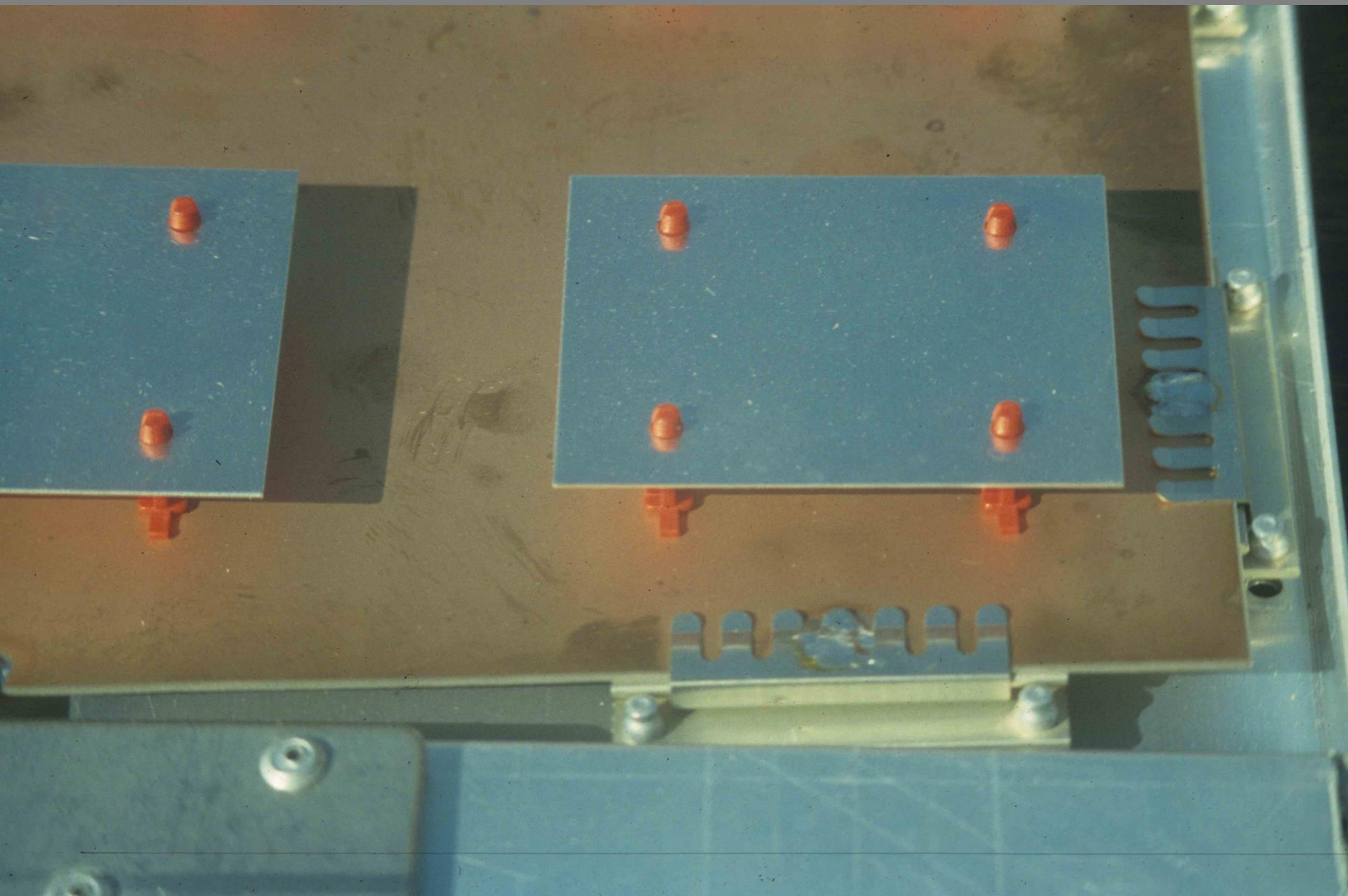
100 W RF Power Amplifier

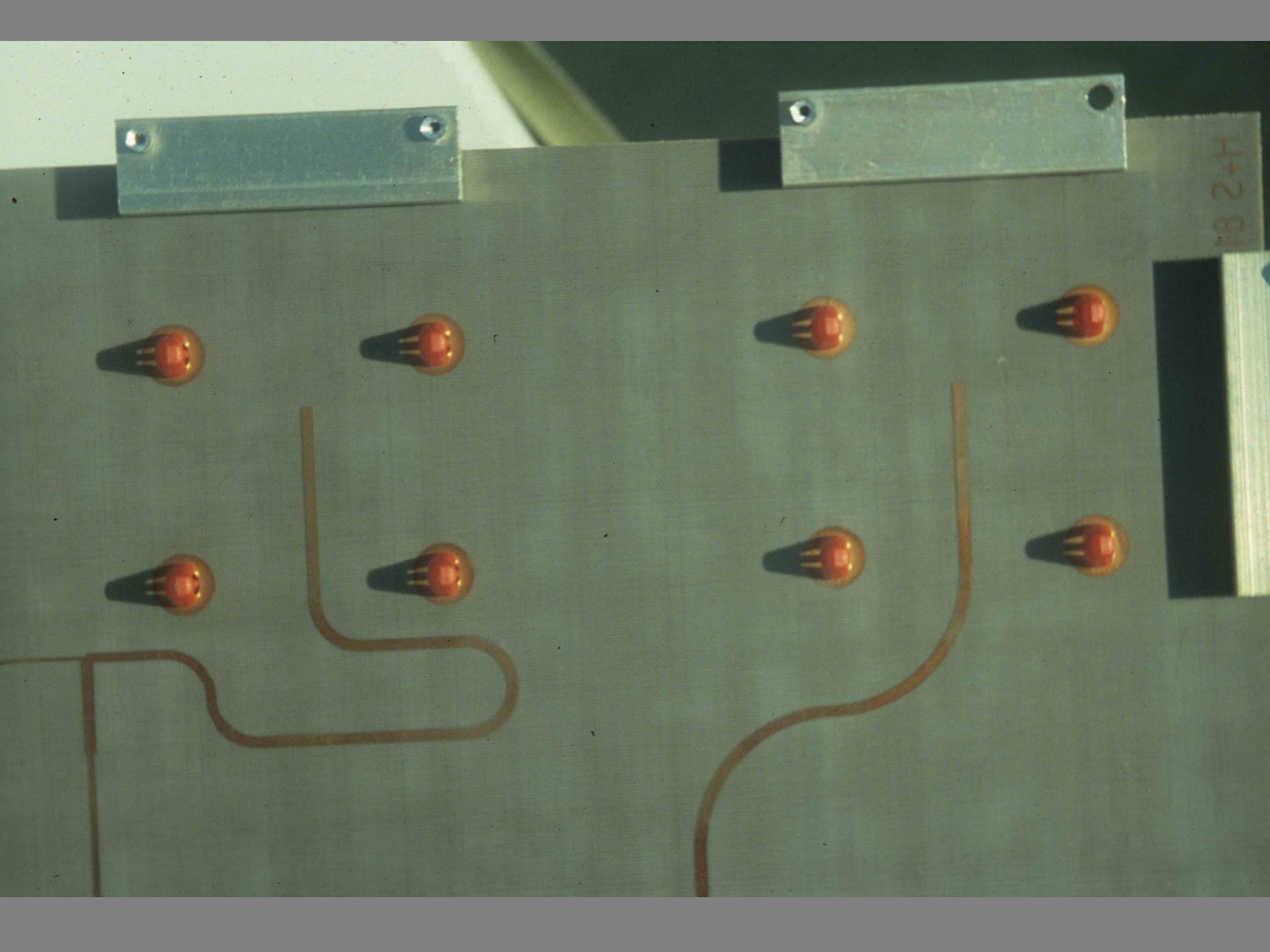
Max Input Power = 5.00W
Max Output Power = 100W

Min. Power
Max. Power
P.A.M.
Output









AC Power
ON

Relay Supply
AC

28VDC
INVERTER
ON

DC

2304

HUGHES
ELECTRON DYNAMICS DIVISION
TRAVELING WAVE TUBE AMPLIFIER

POWER RF

POWER ON
READY RF ON

BEAM CURRENT MILLIAMPS

MILK CURRENT

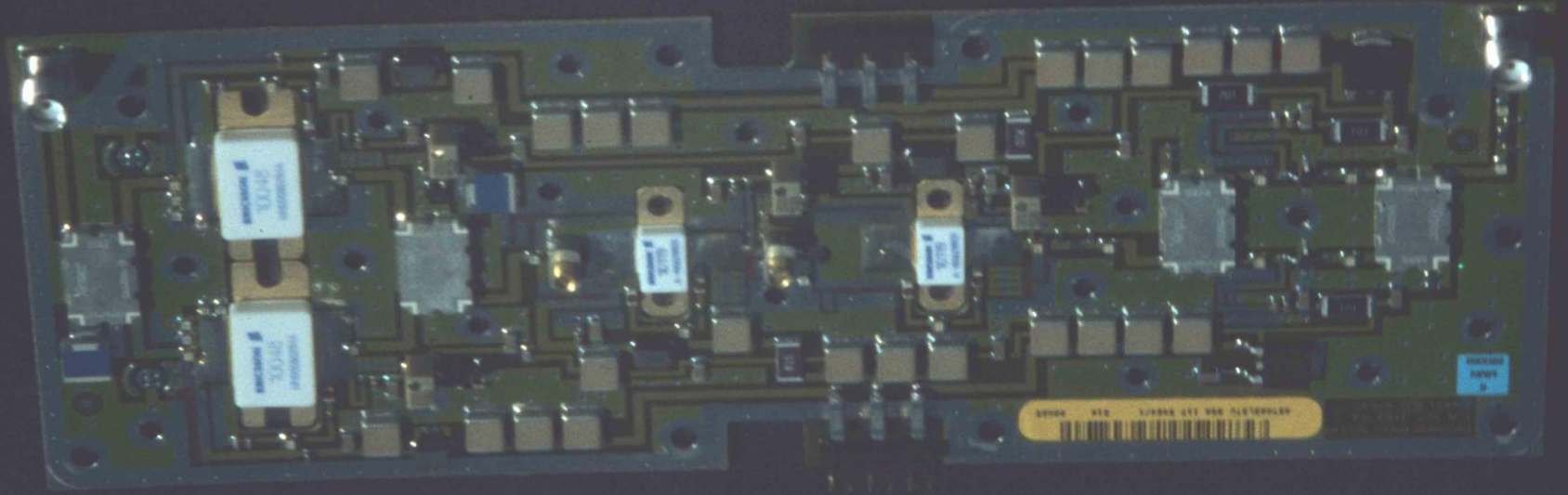
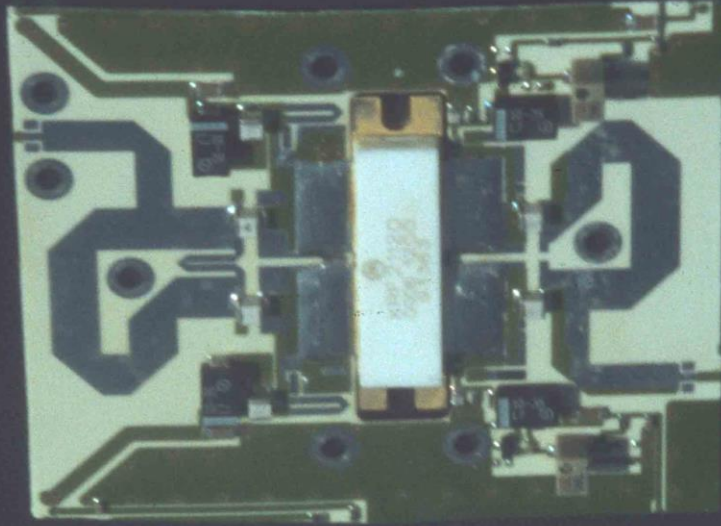
1277H
S BAND

RF OUTPUT

5760

5760

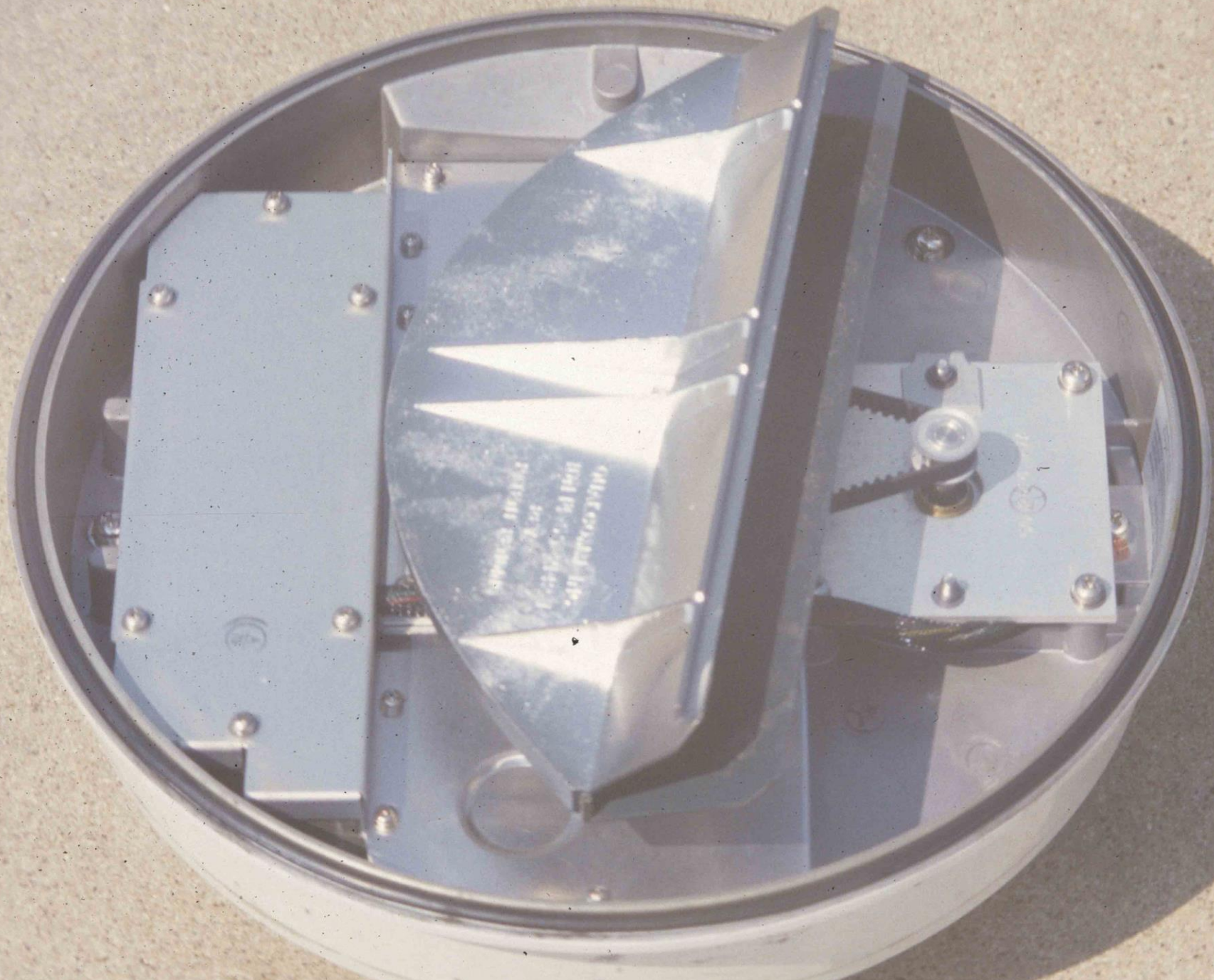
Turn on - t.

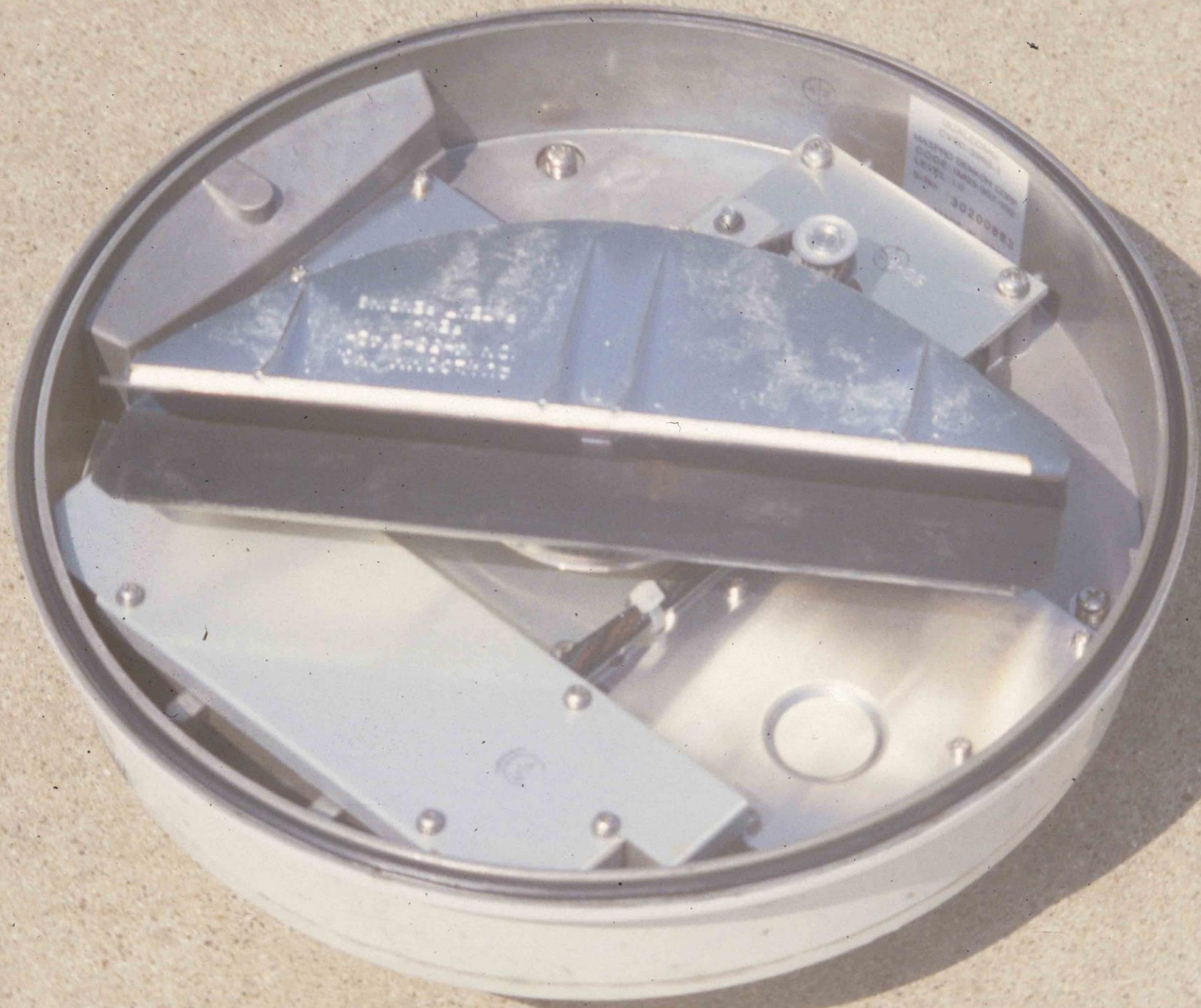






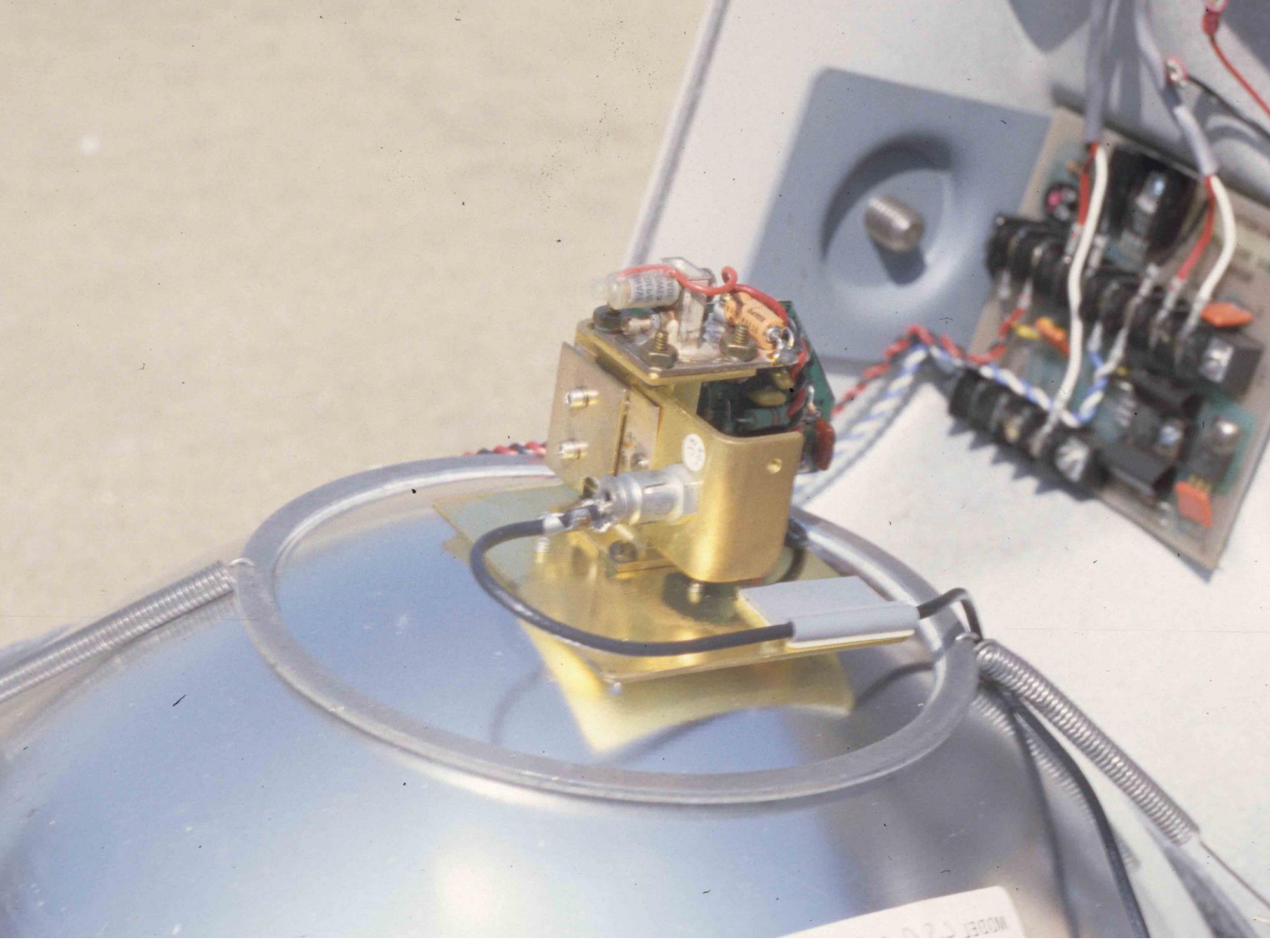




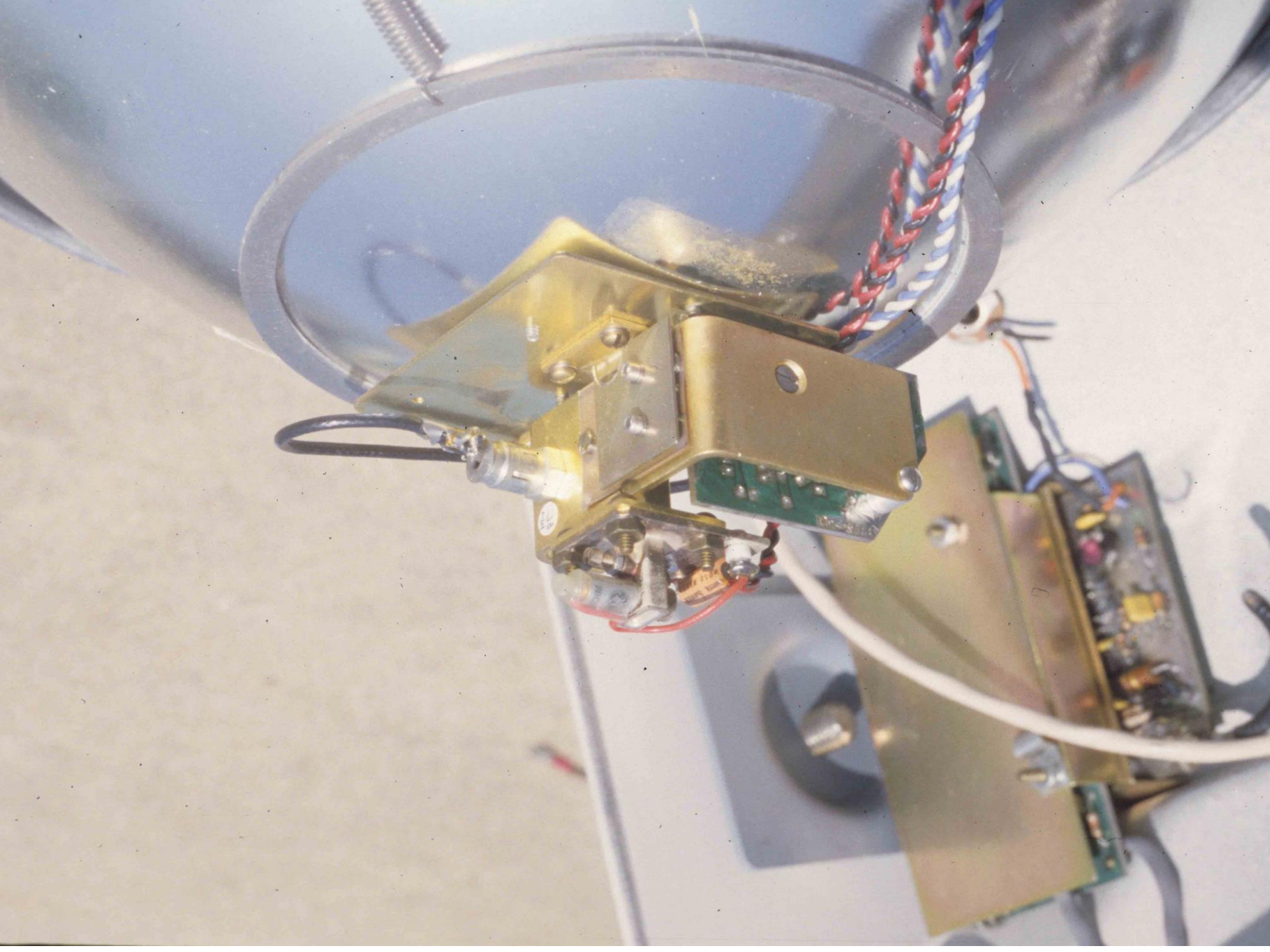


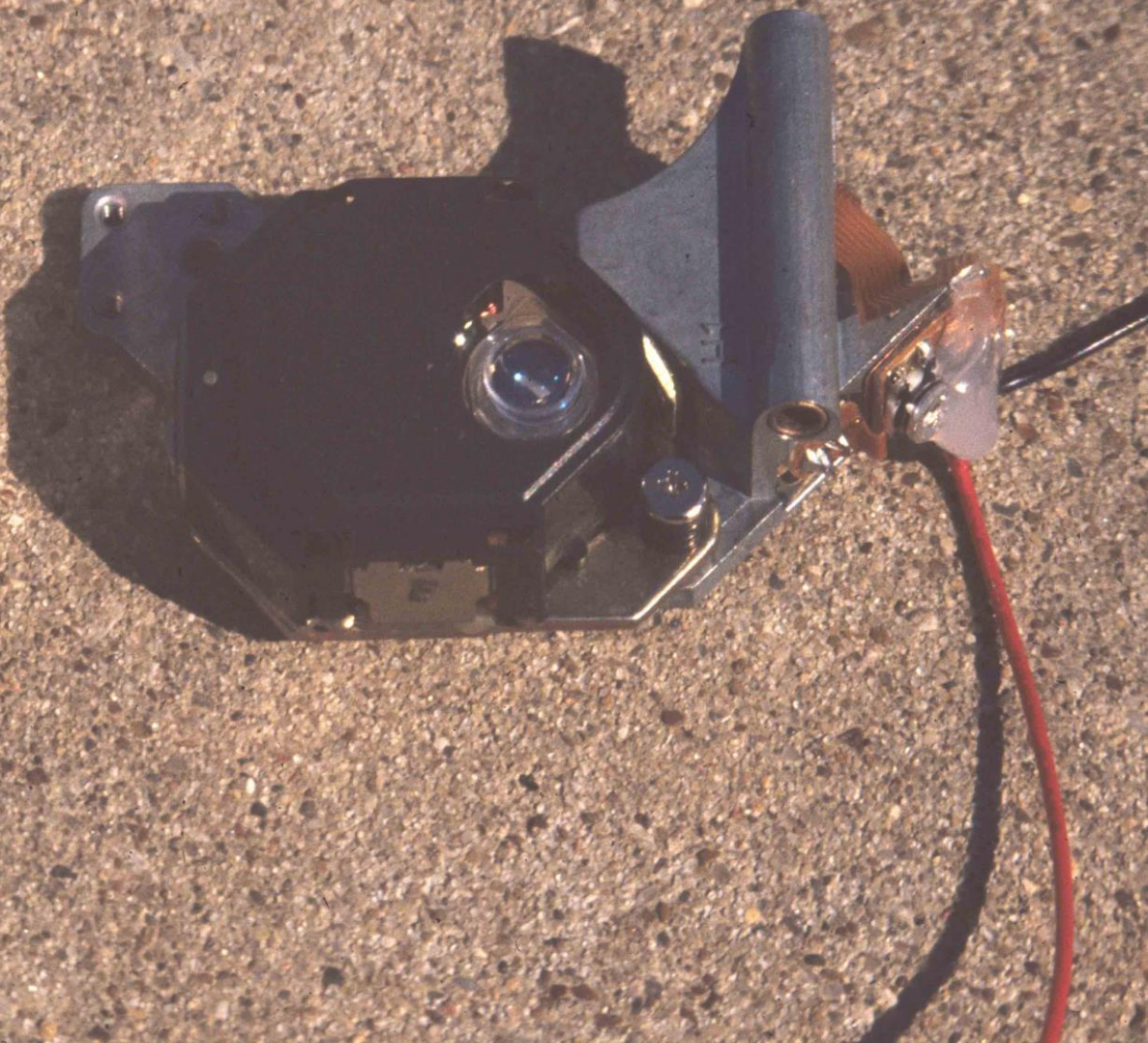
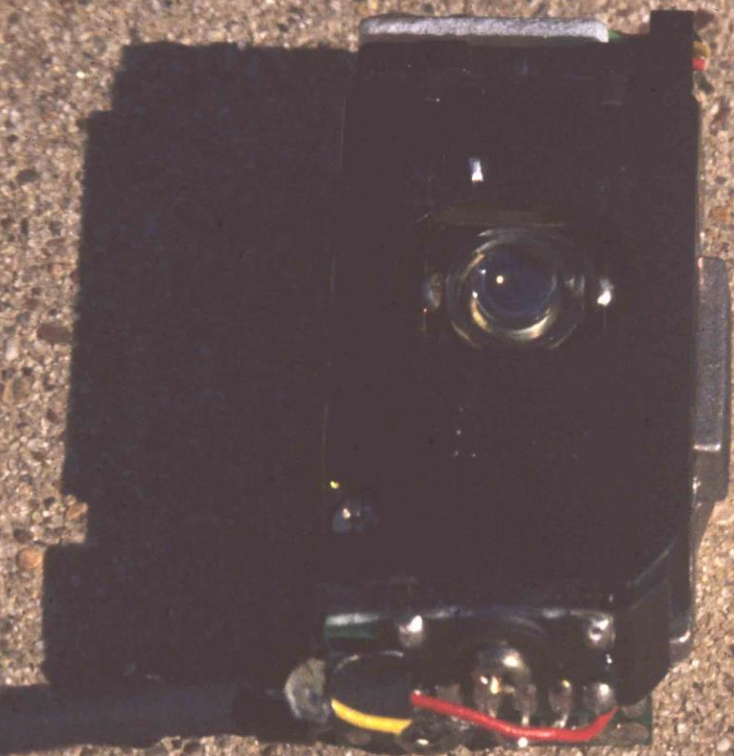


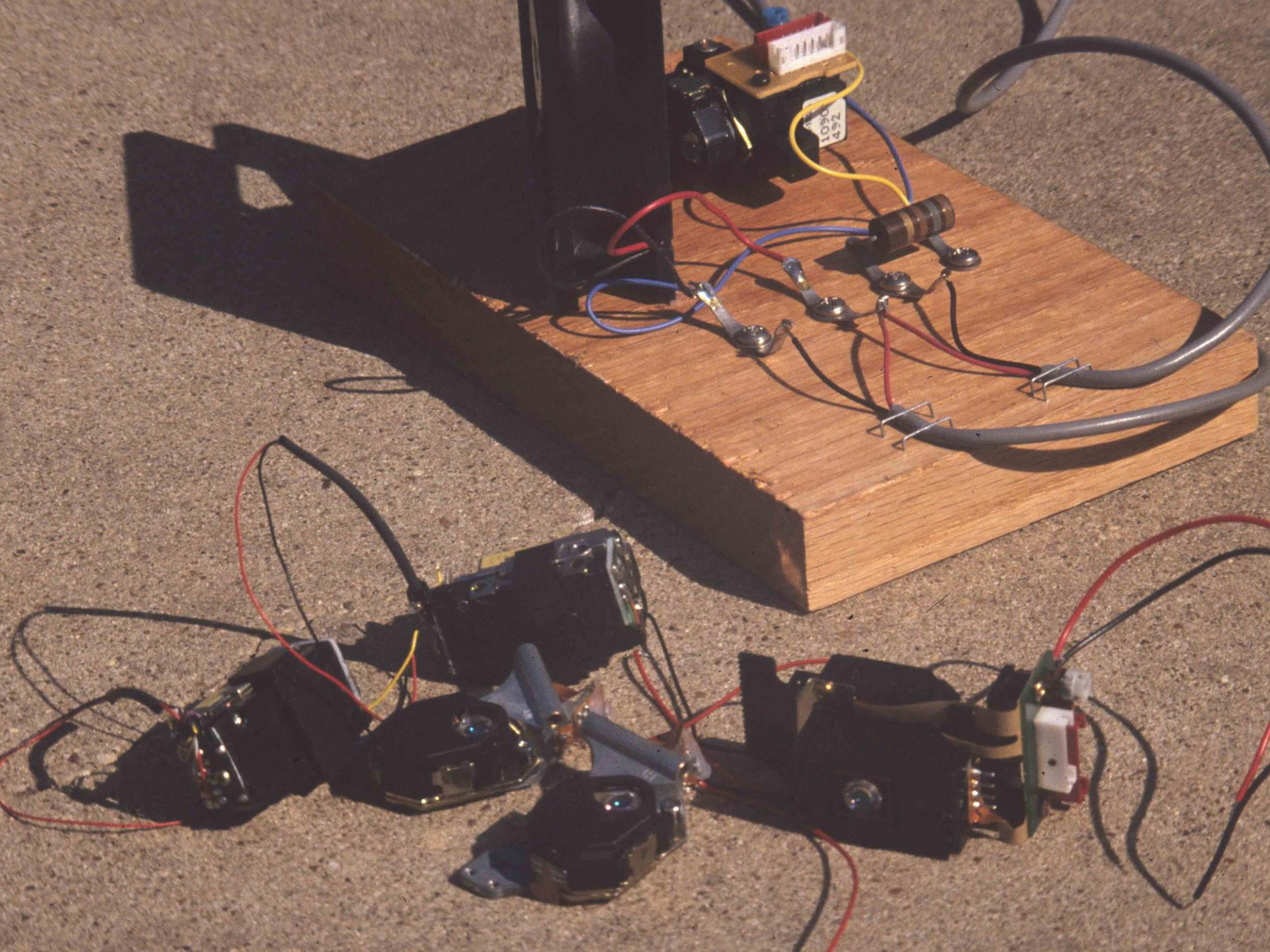


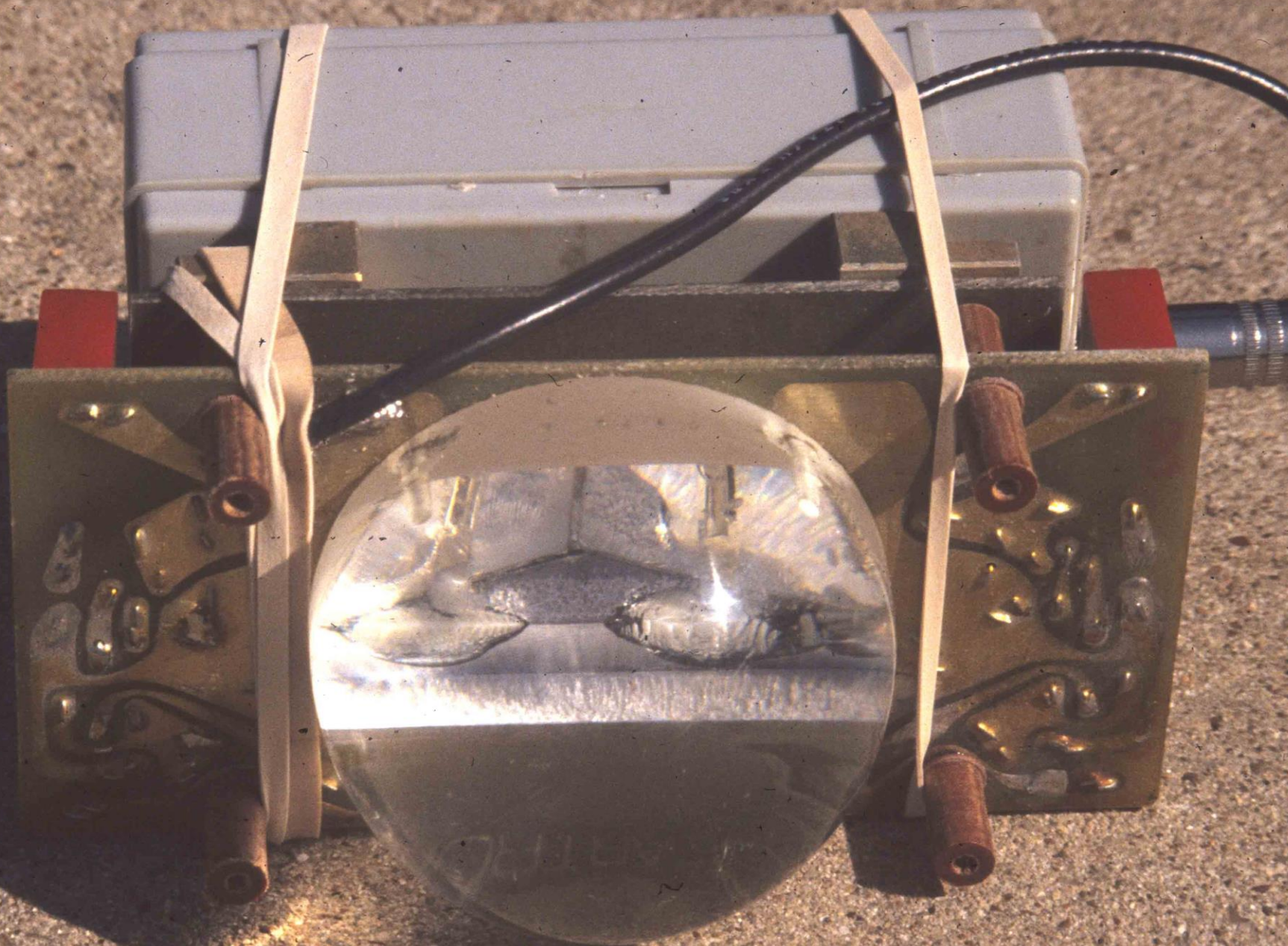


MODEL 200 J300M

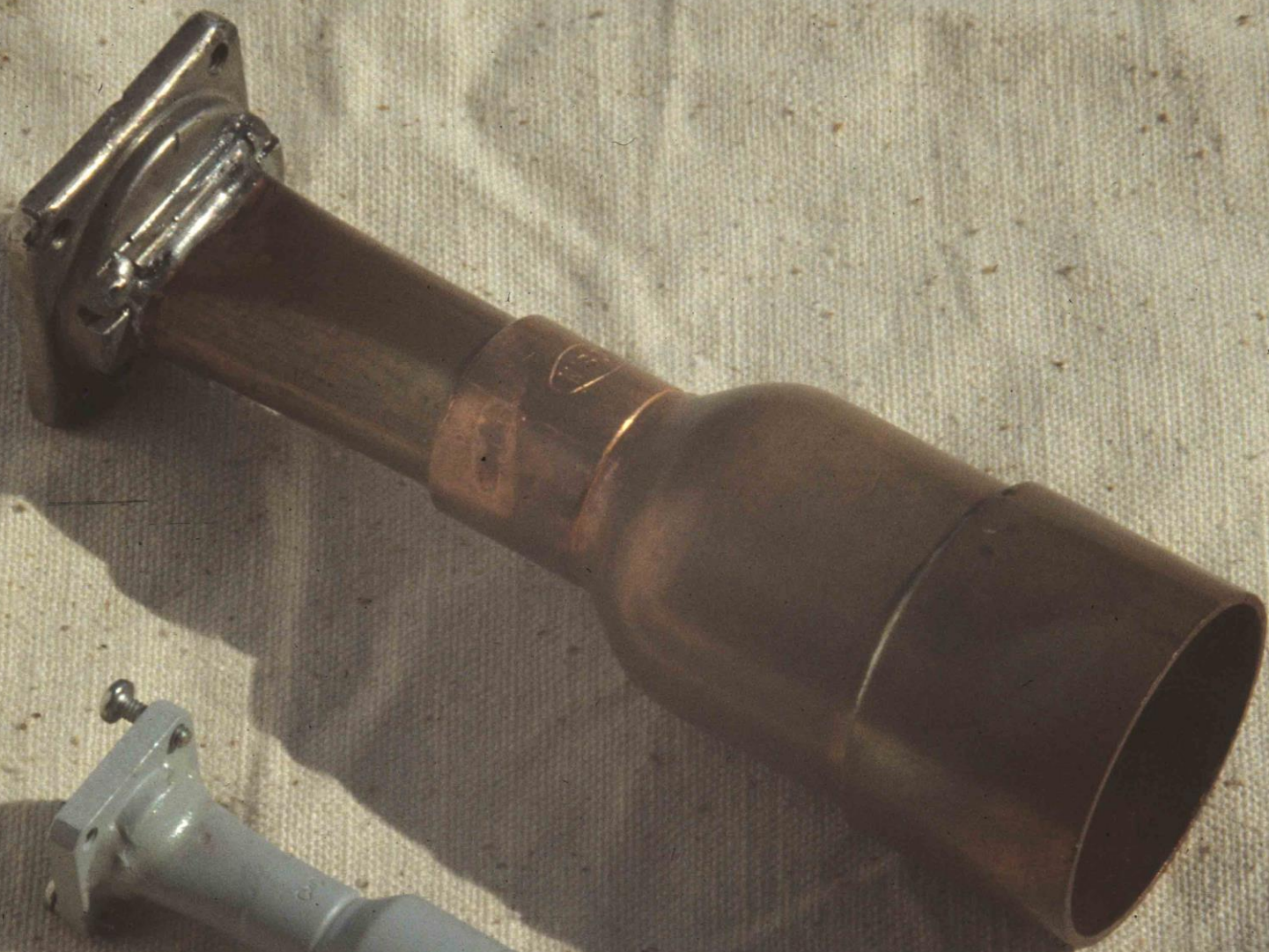




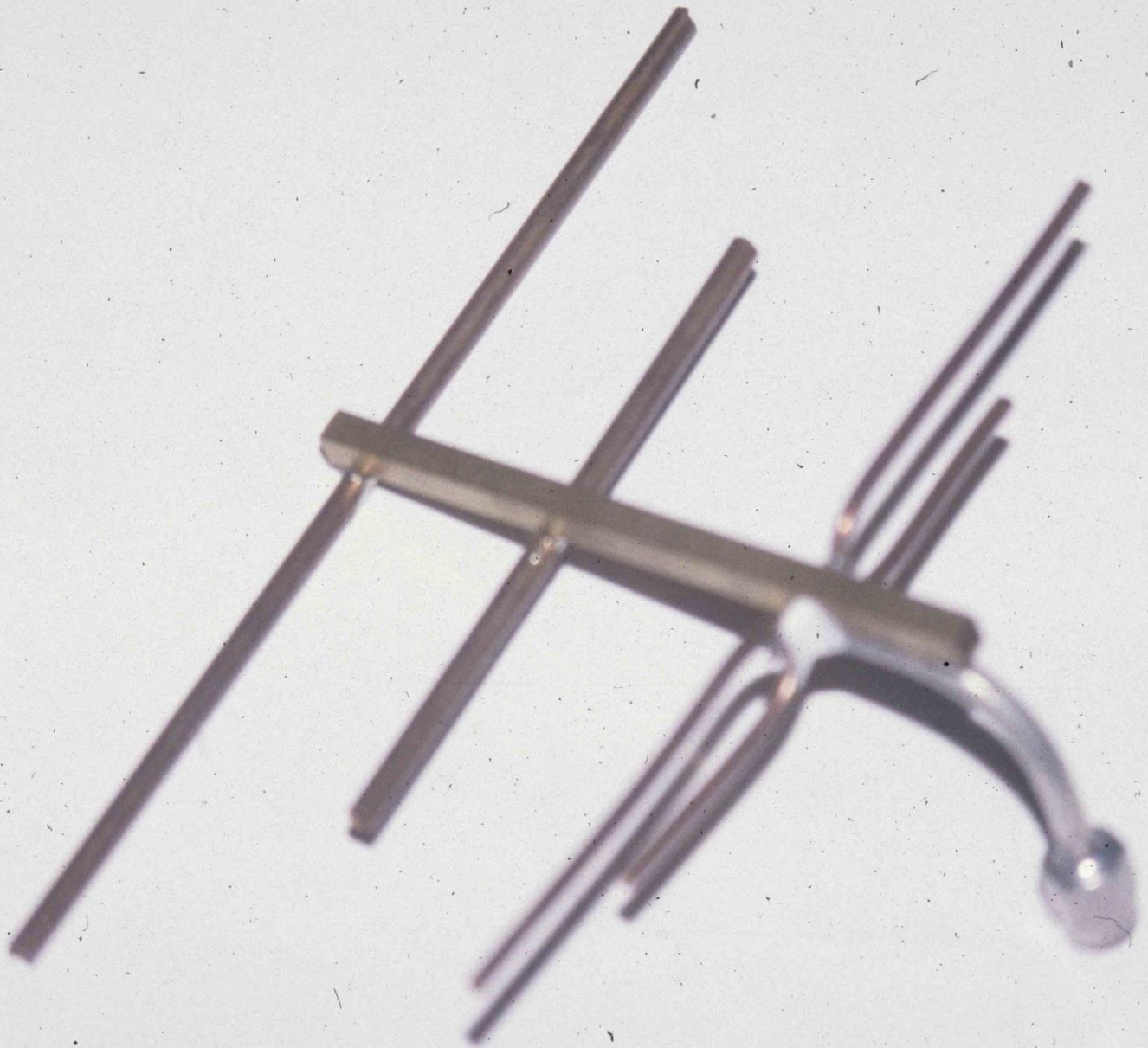


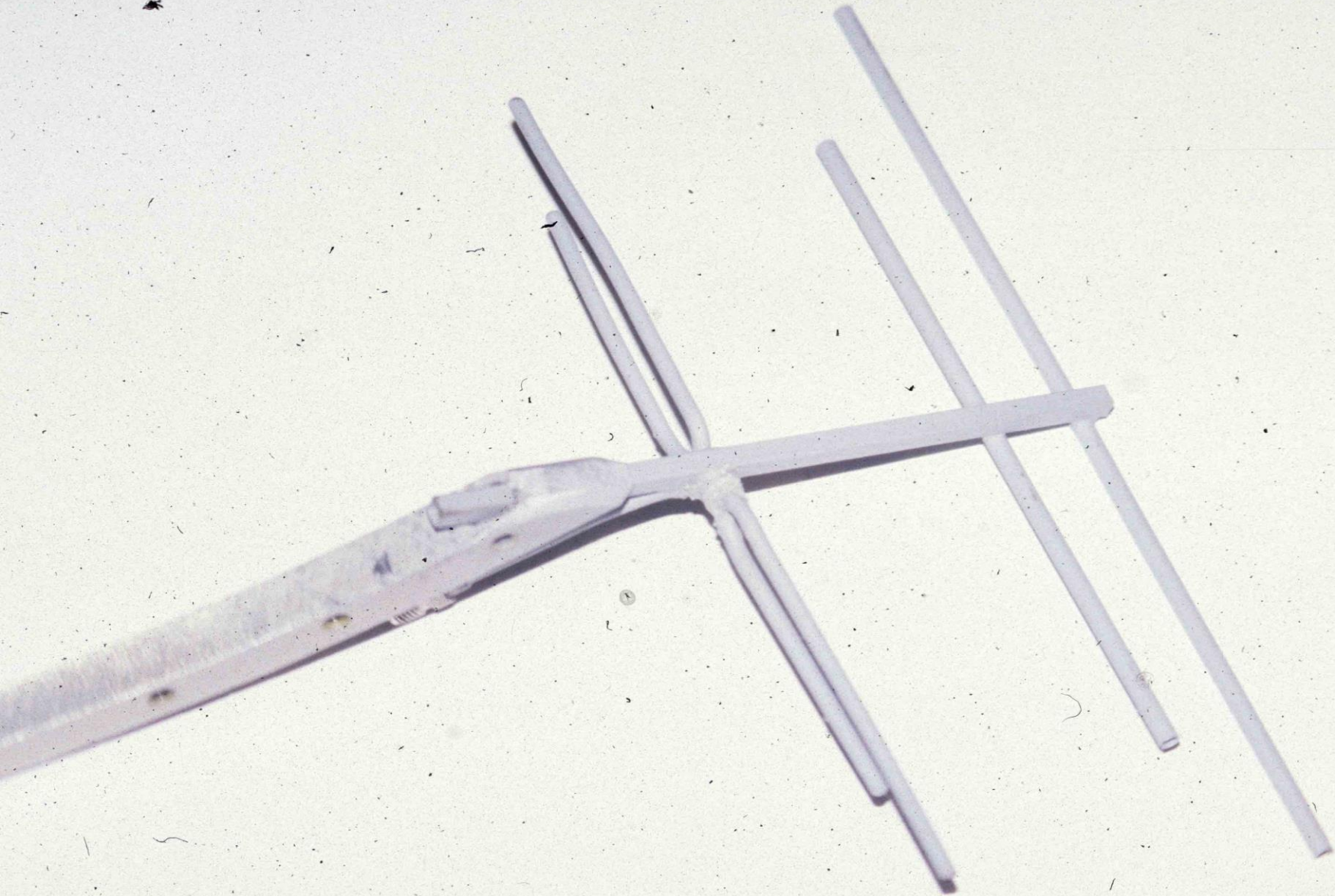


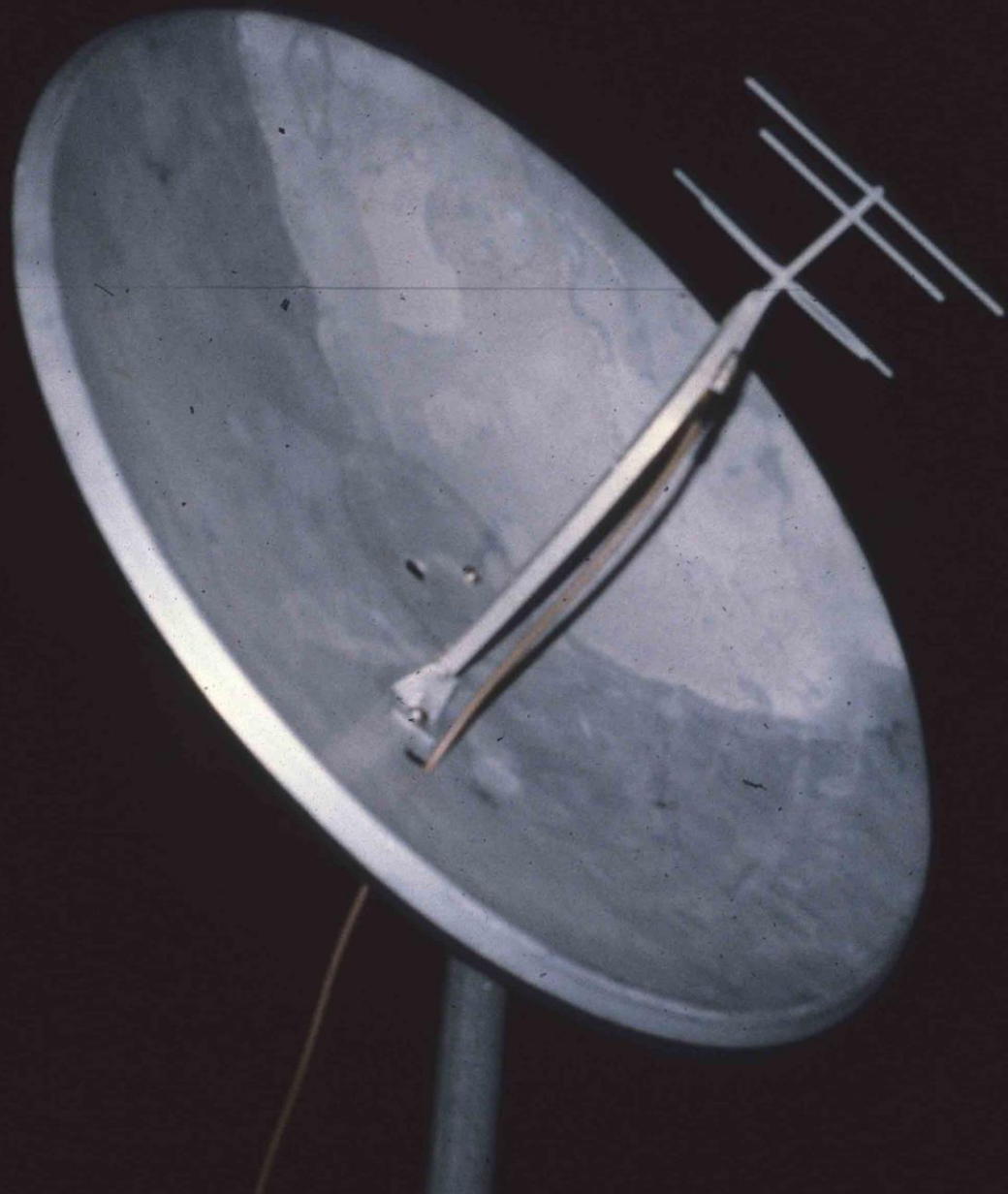


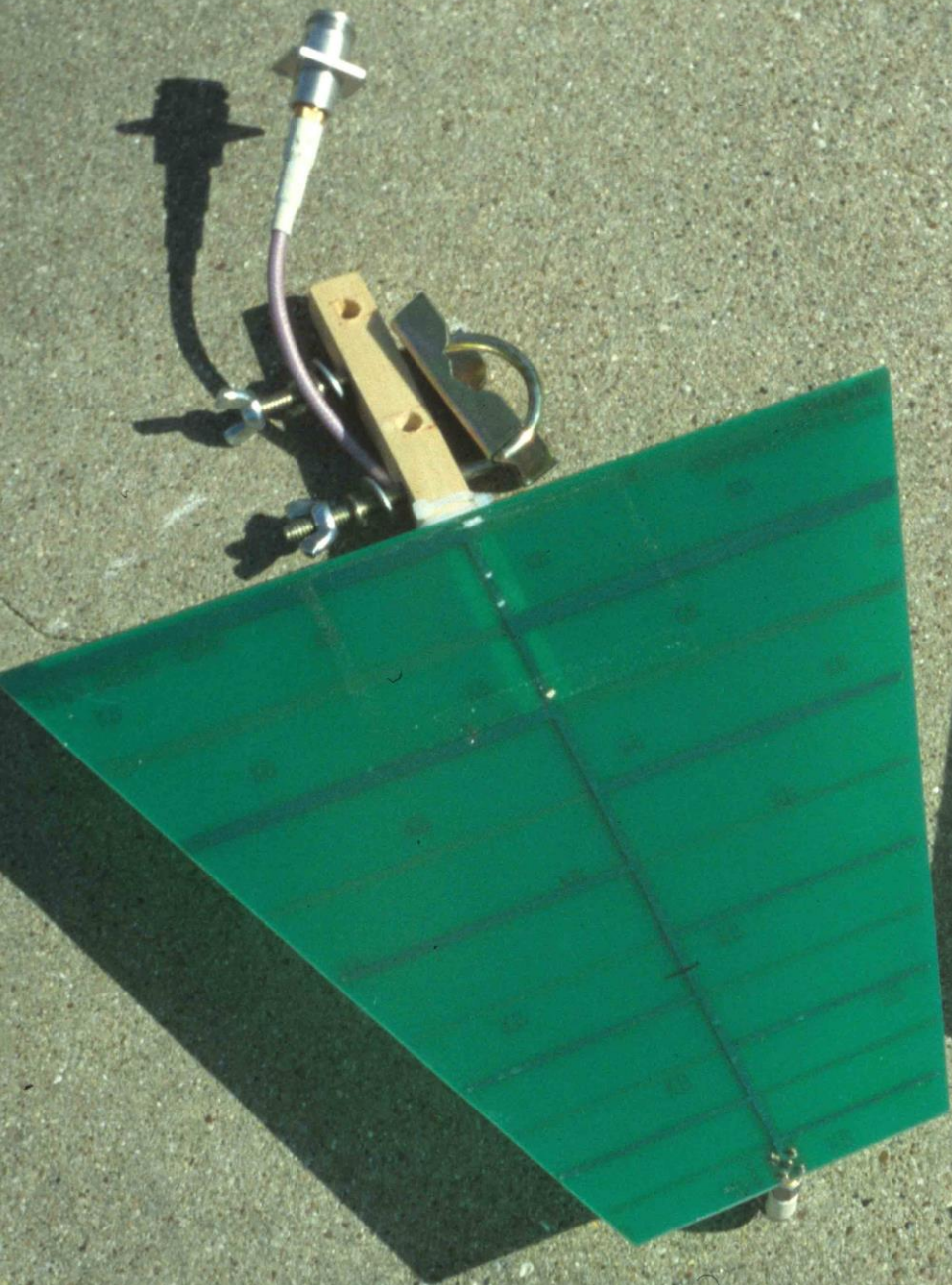


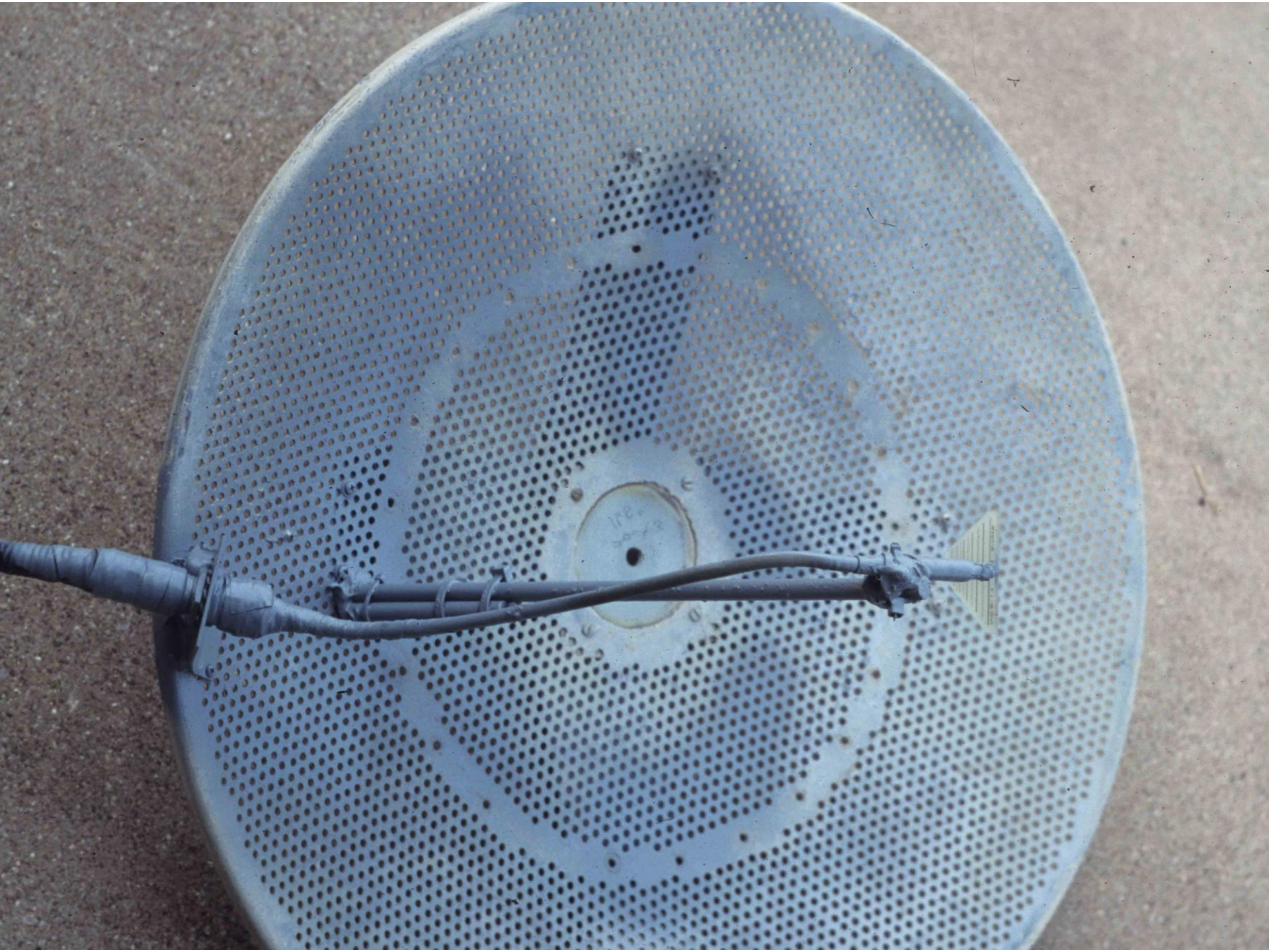






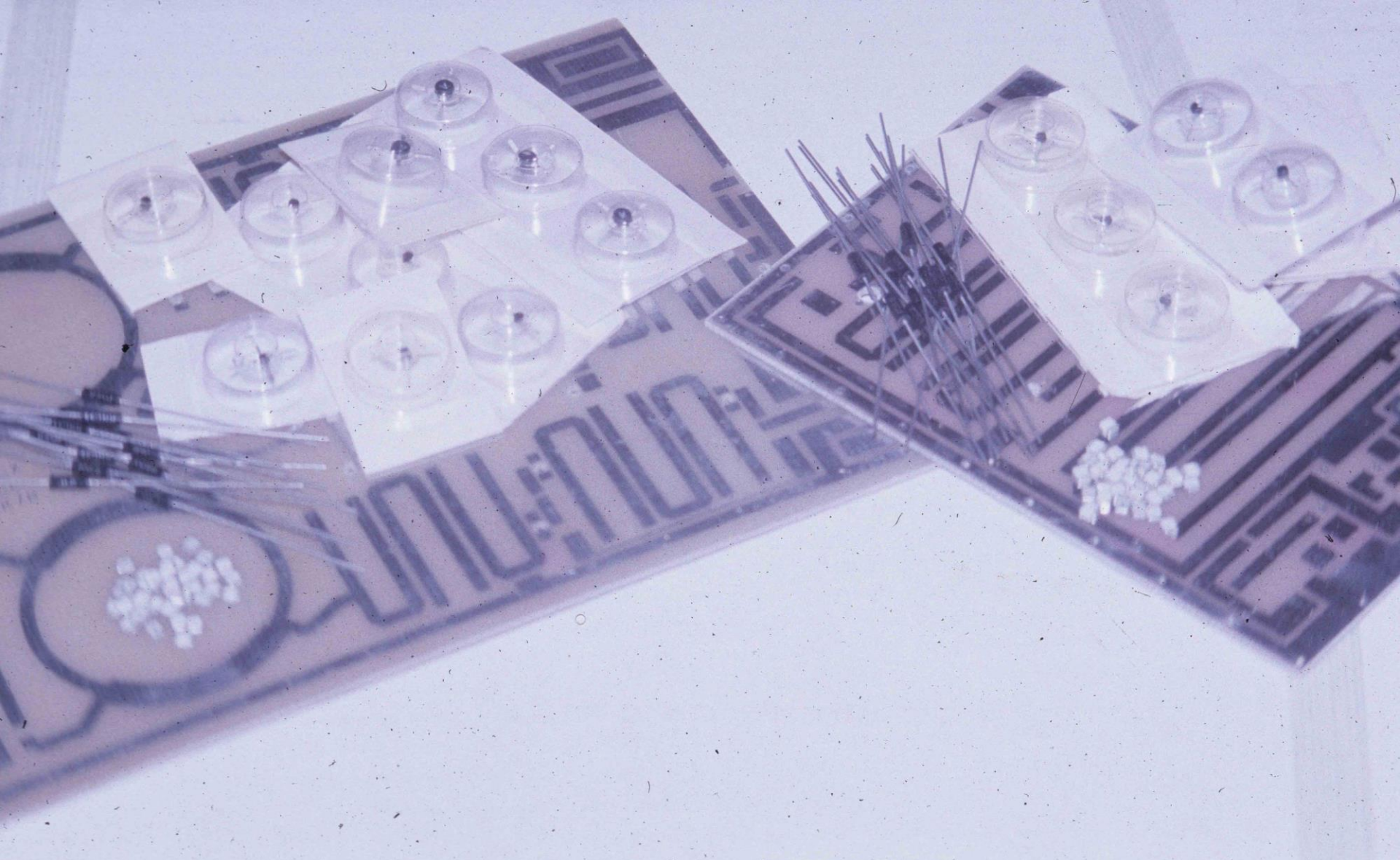


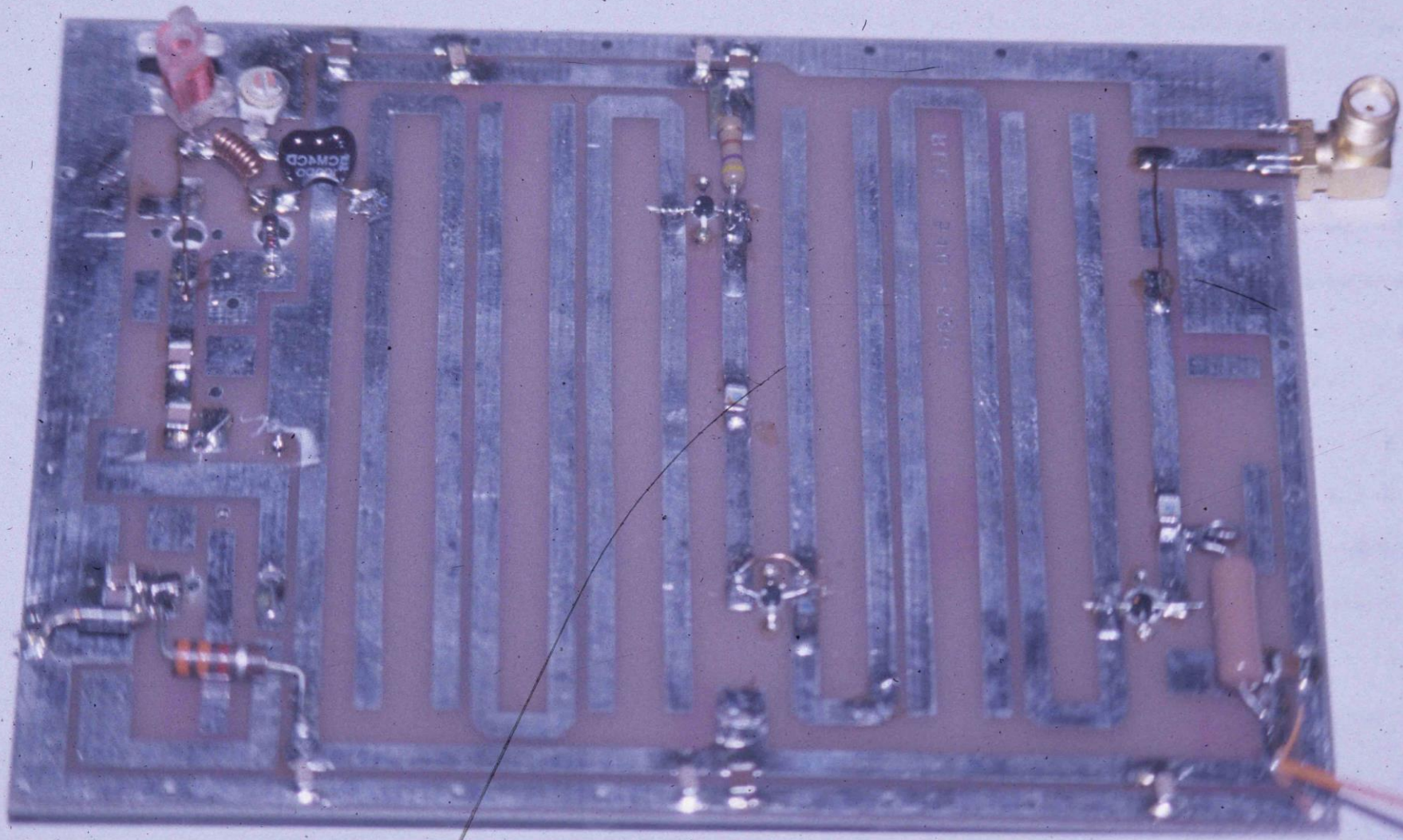


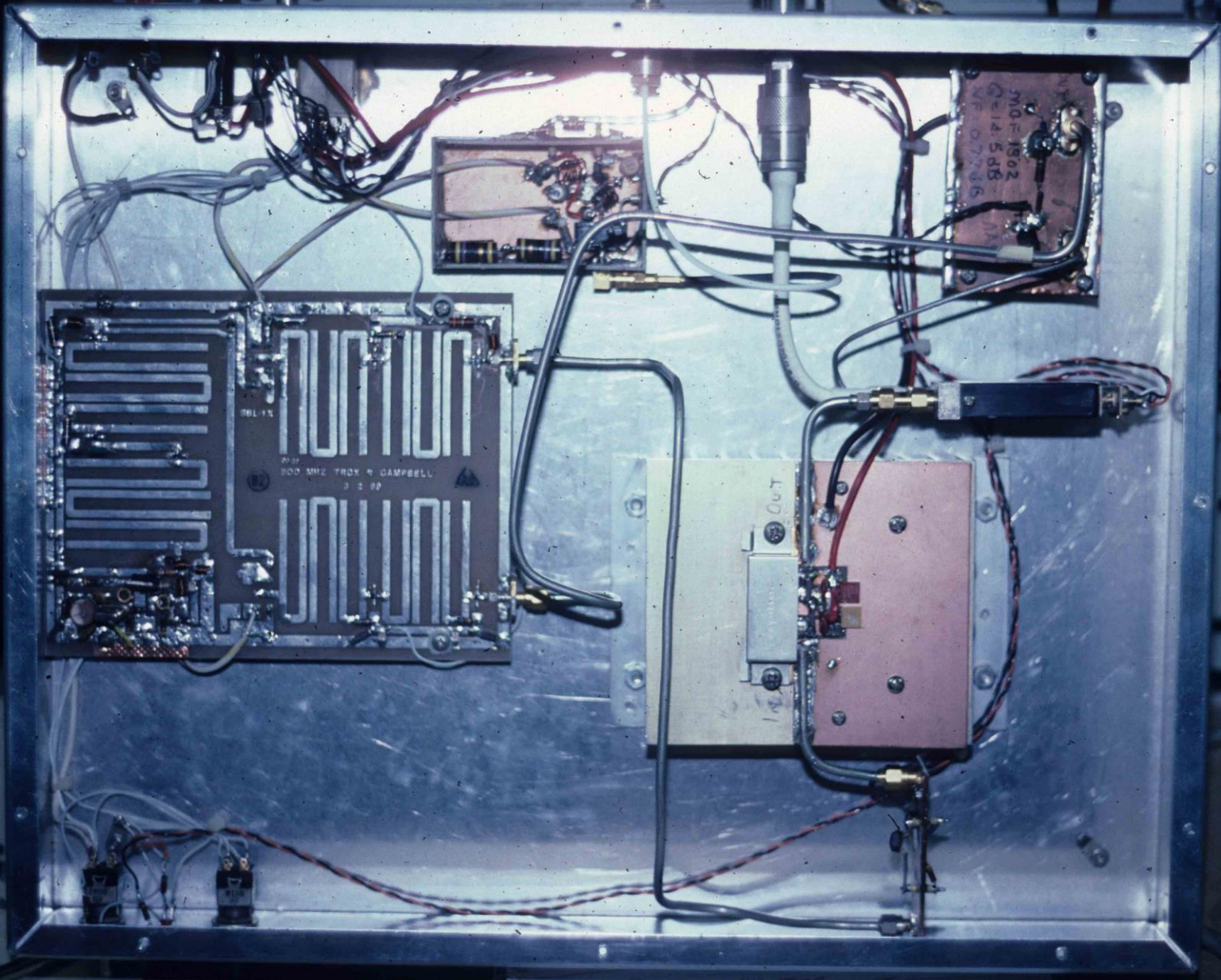










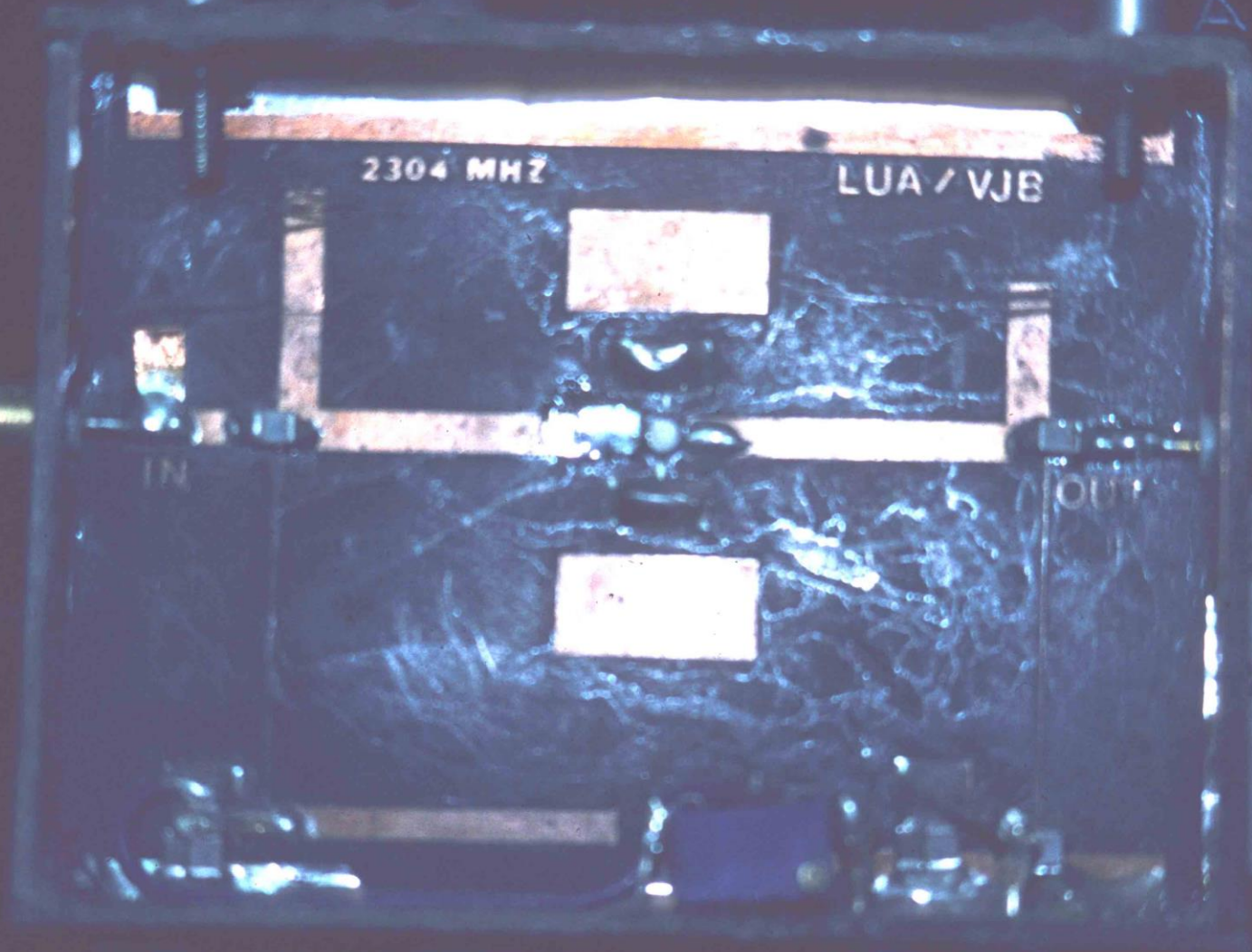


08L-11
300 MHz TRX 4 CAMPBELL
3 2 80

M0-1802
Qe14.5dB
M0-07286

1802
IN
OUT

12/20/81
1802
P0-07286



2304 MHz

LUA / VJB

IN

OUT

A50

B

O = 50

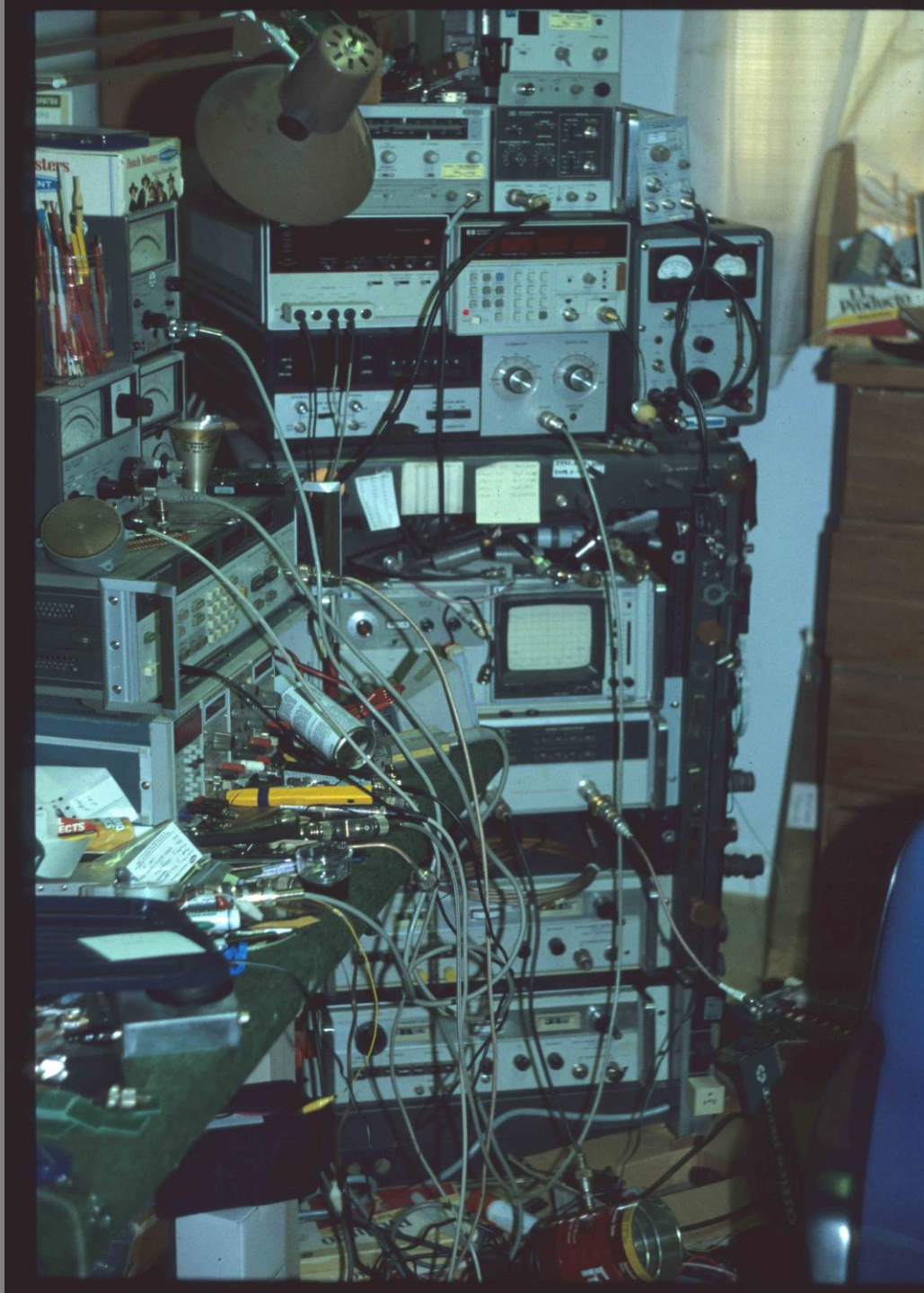
0913

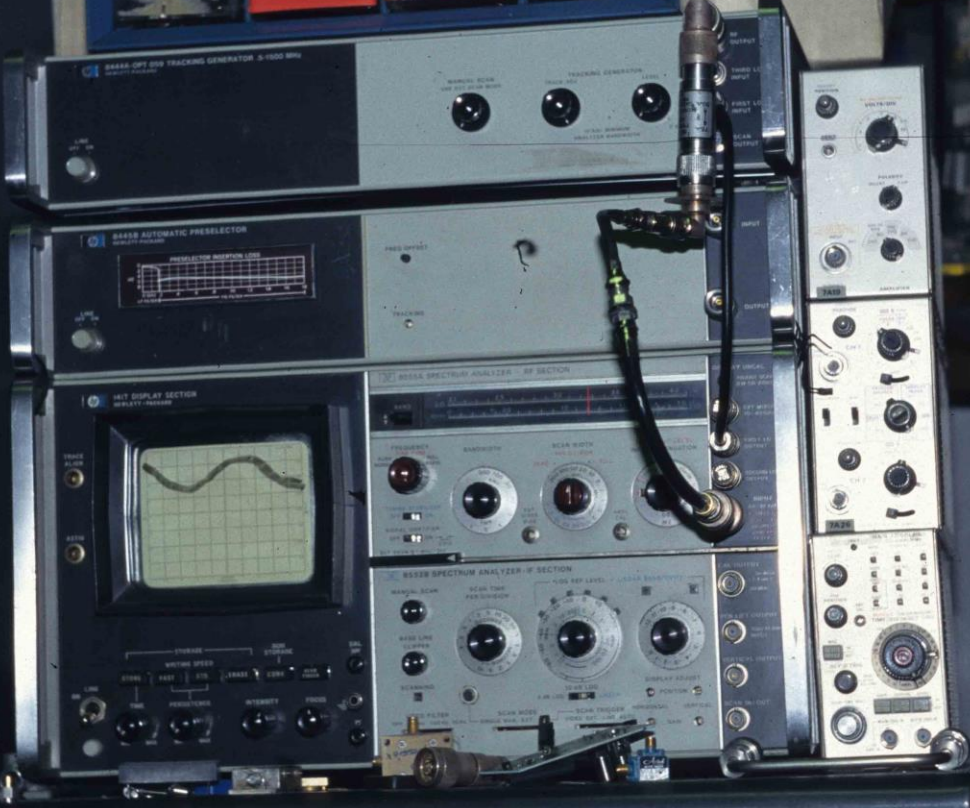


SOVIET UNION

Xerox 4200 DP Paper

4200 DP





PREC-50
1600 MHz SET
STEVANA ELECTRIC PRODUCTS INC.
105-EAST, NEEDHAM, MASS.
PART NO. 100000000
SERIAL NO. 100000000

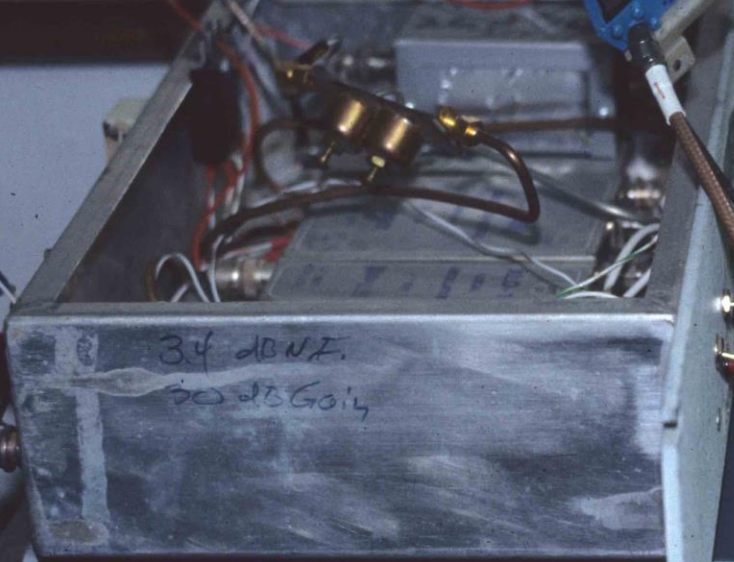
MULTI-TESTER
10-RANGE
MULTI-TESTER







chip parts
per. for



34 dB NF.
50 dB Gain

TRAVELING WAVE TUBE AMPLIFIER

POWER RF

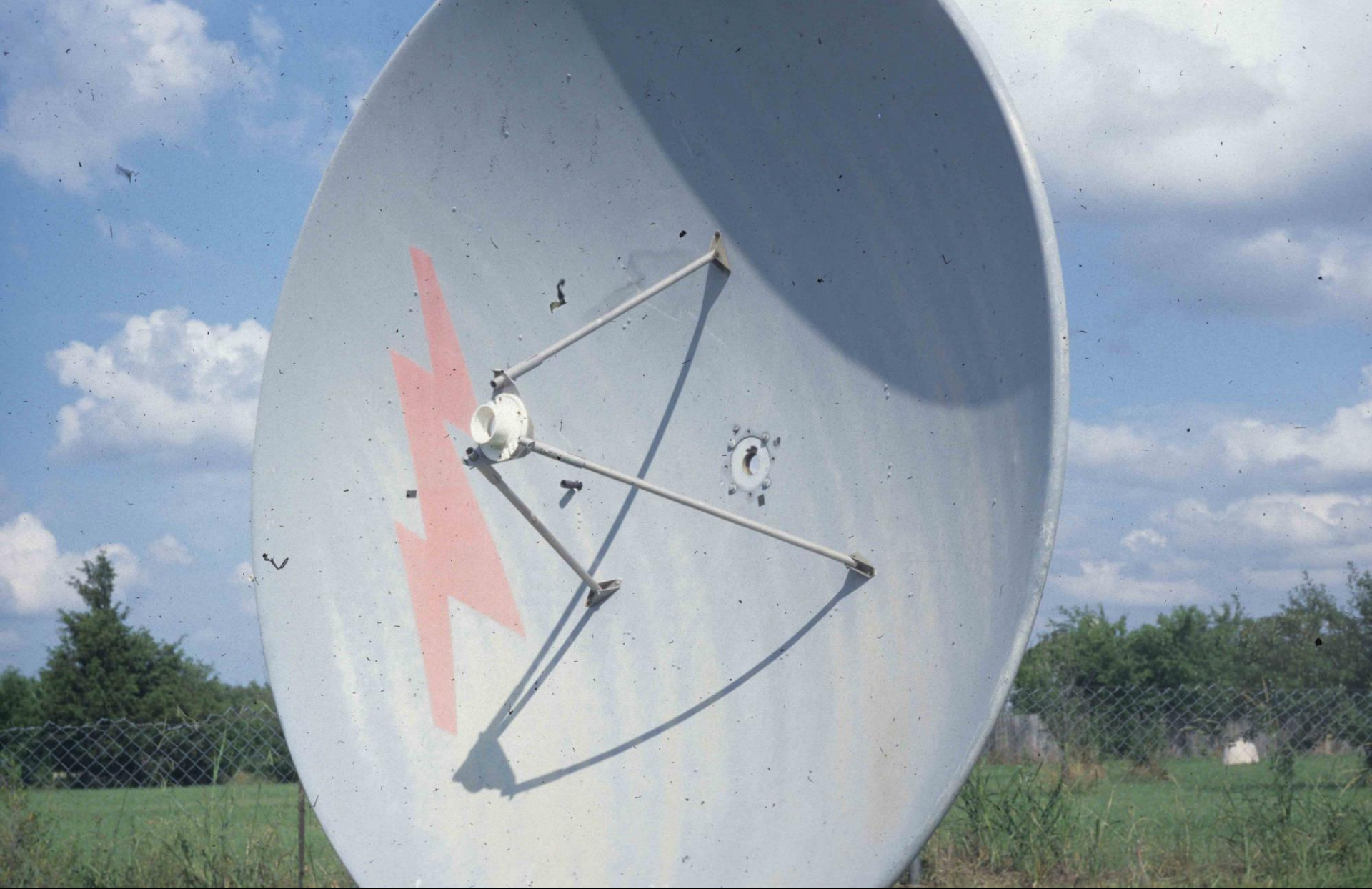
POWER ON
READY RF ON

OFF OFF



RF INPUT RF OUTPUT





MICROWAVE HANDBOOK

VOLUME 1

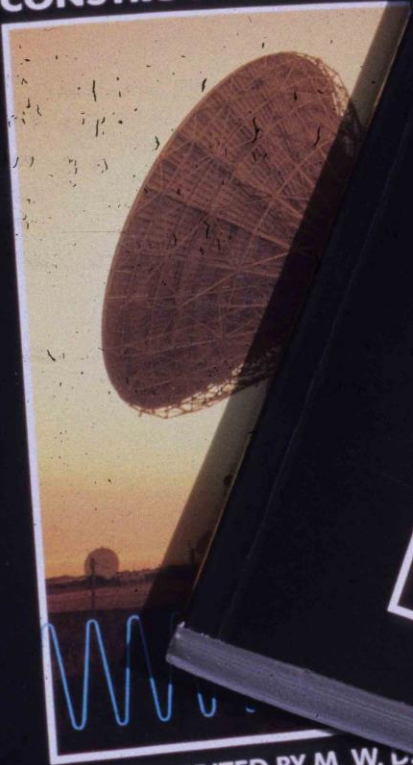
COMPONENTS AND OPERATIONS



MICROWAVE HANDBOOK

VOLUME 2

CONSTRUCTION AND DESIGN

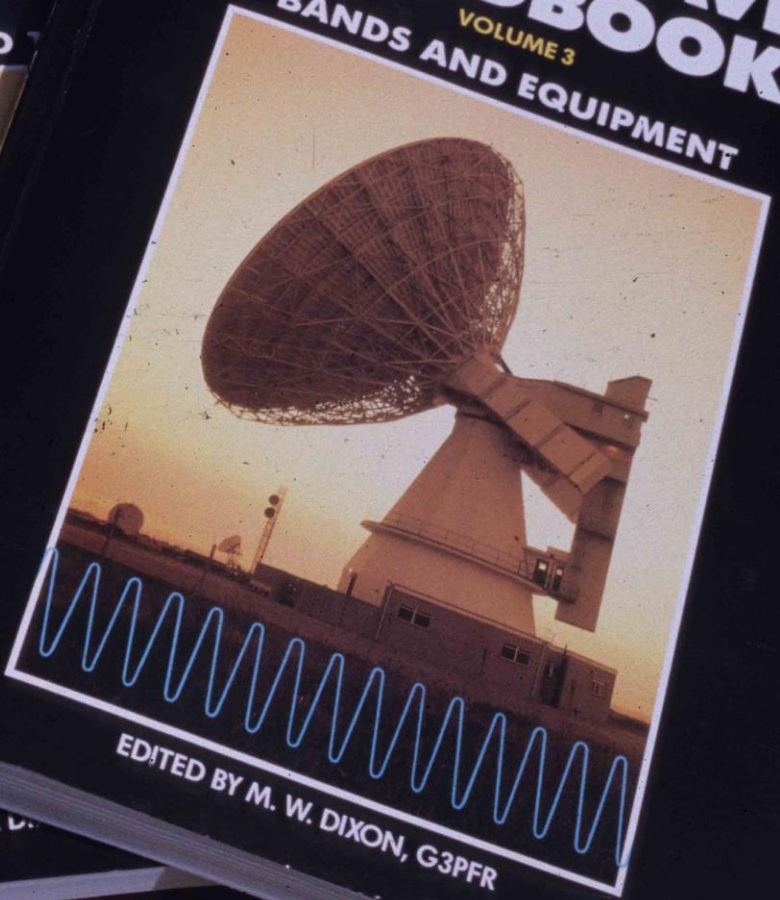


EDITED BY M. W. DIXON

MICROWAVE HANDBOOK

VOLUME 3

BANDS AND EQUIPMENT



EDITED BY M. W. DIXON, G3PFR

2002 CENTRAL STATES VHF Conference Proceedings

2001 CENTRAL STATES VHF Conference Proceedings

2000 CENTRAL STATES VHF Conference Proceedings

1998 CENTRAL STATES VHF Conference Proceedings

1999 CENTRAL STATES VHF Conference Proceedings

1997 CENTRAL STATES VHF Conference Proceedings

1996 CENTRAL STATES VHF Conference Proceedings

1993 CENTRAL STATES VHF Conference Proceedings

1993 CENTRAL STATES VHF CONFERENCE PROCEEDINGS

1989 CENTRAL STATES VHF UPDATE 2003

PROCEEDINGS OF MICROWAVE UPDATE '98

PROCEEDINGS OF MICROWAVE UPDATE '95

PROCEEDINGS OF MICROWAVE UPDATE '94

PROCEEDINGS OF MICROWAVE UPDATE '94

PROCEEDINGS OF MICROWAVE UPDATE '93

CAUTION
DO NOT TOUCH
THIS UNIT
WHEN POWER IS ON

1. 200-1000
2. 200-1000
3. 200-1000
4. 200-1000
5. 200-1000
6. 200-1000
7. 200-1000
8. 200-1000
9. 200-1000
10. 200-1000
11. 200-1000
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92. 200-1000
93. 200-1000
94. 200-1000
95. 200-1000
96. 200-1000
97. 200-1000
98. 200-1000
99. 200-1000
100. 200-1000

CAUTION
DO NOT TOUCH
THIS UNIT
WHEN POWER IS ON

POWER SAMPLE
RF IN
RF OUT

PURETRON
MICROWAVE GaAs FET AMPLIFIER
6405-14

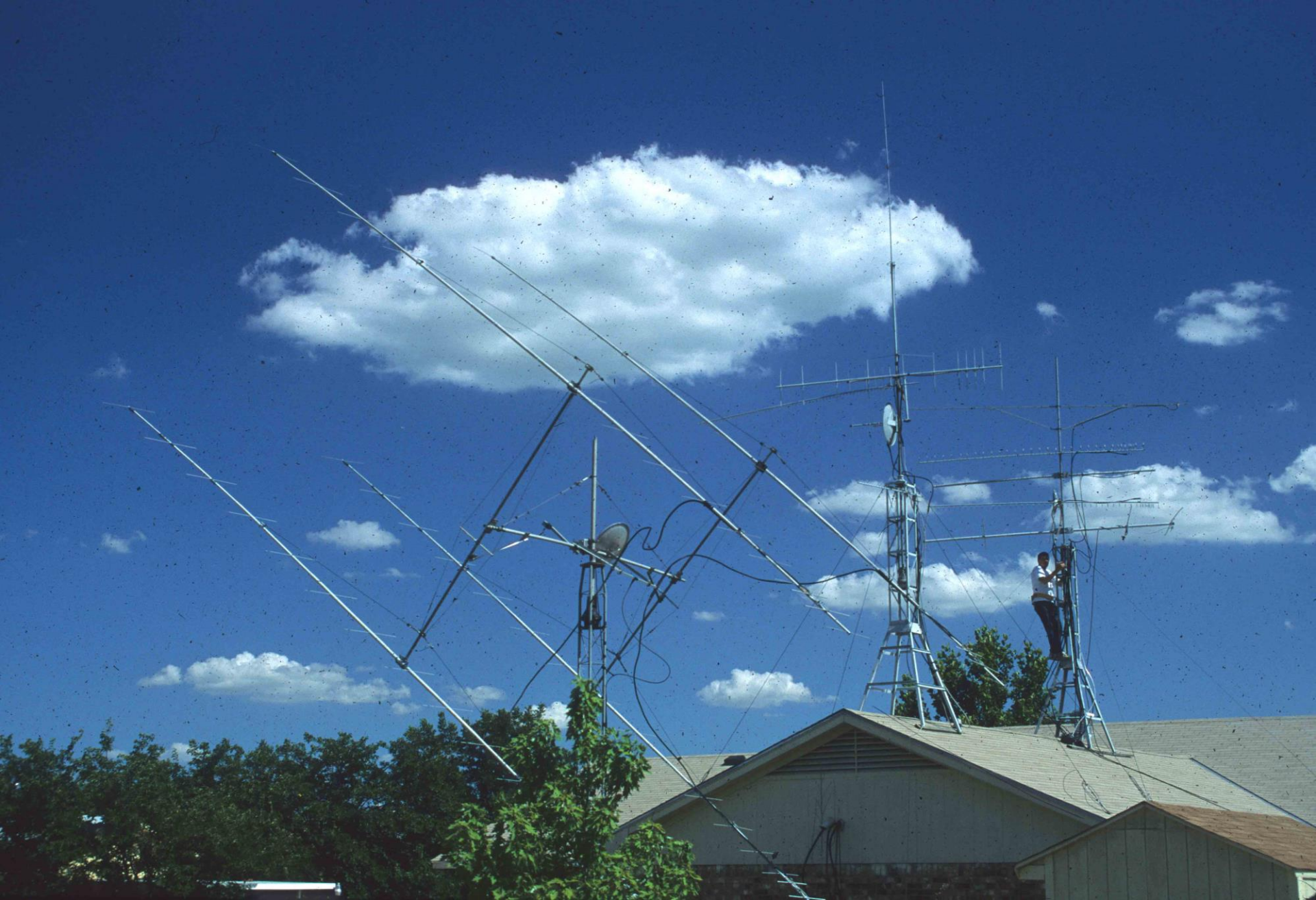
POWER RATING 37 dBm
FREQ. RANGE 5025-6425 MHz
P/N 251-9735-010

WATKINS-JOHNSON
SOLID STATE AMPLIFIER

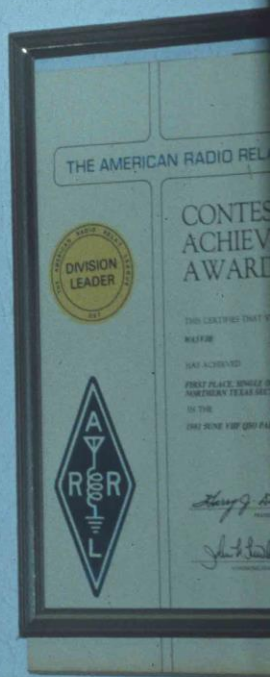
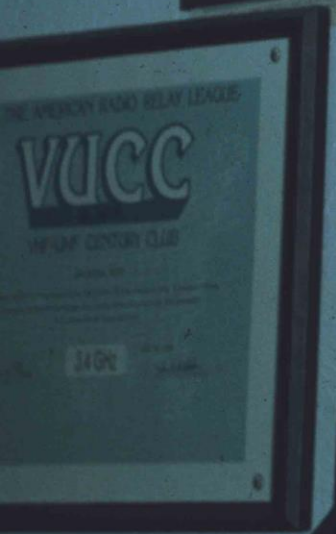
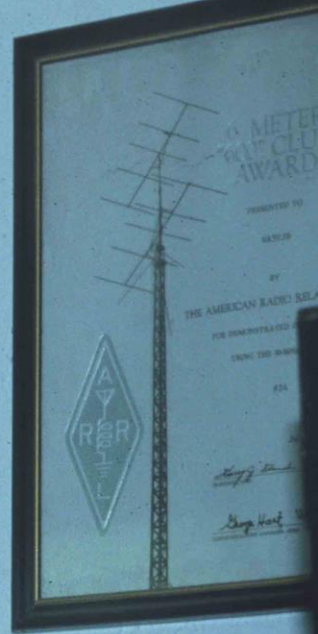
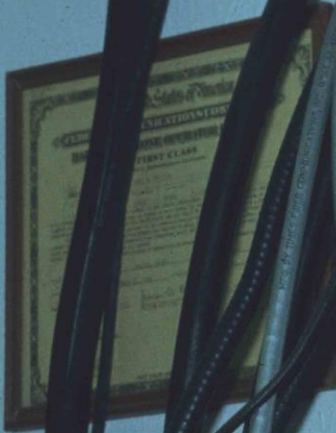
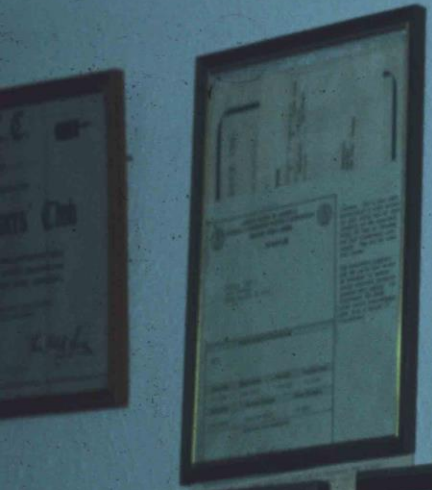
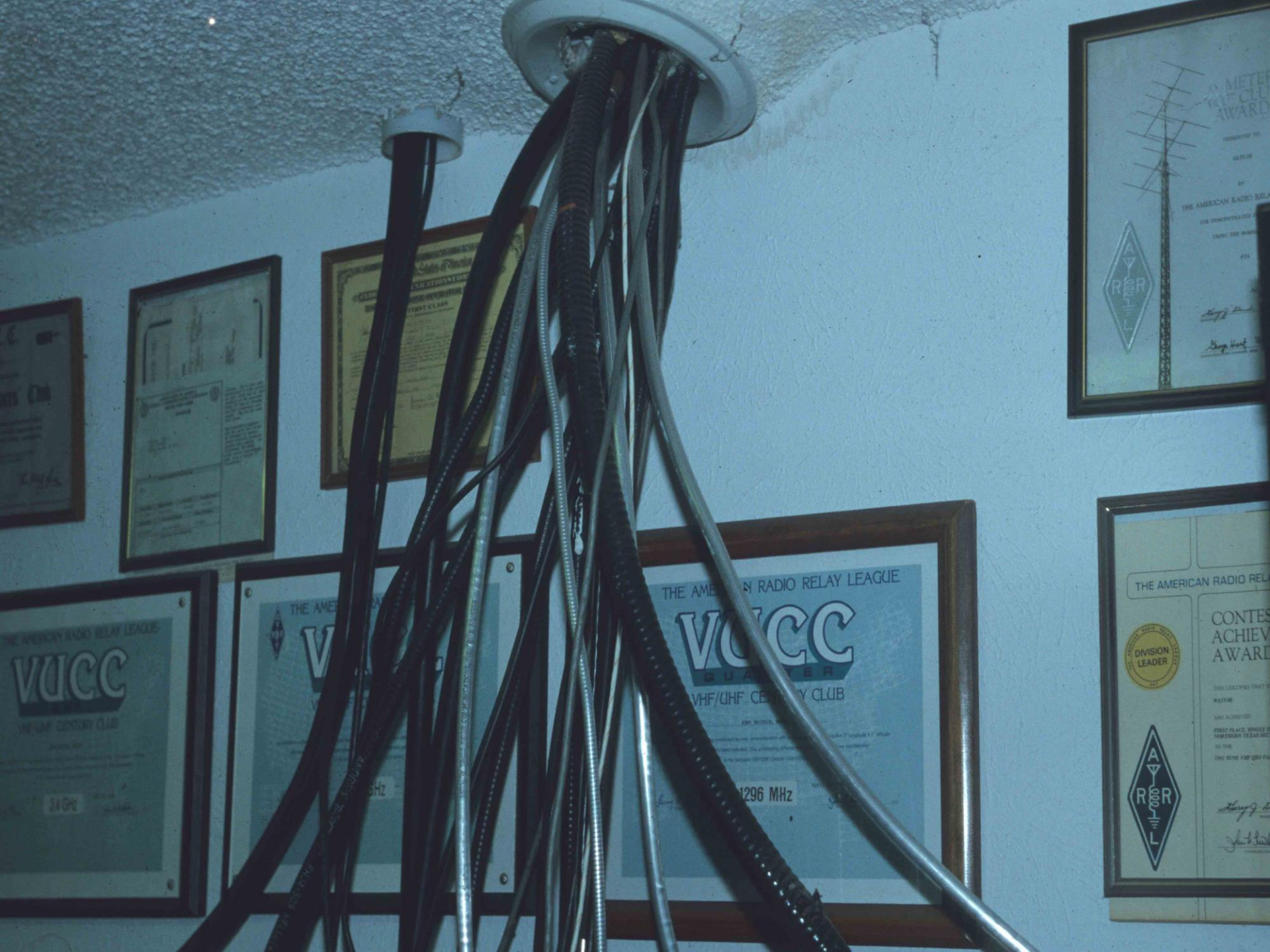
WJ WATKINS-JOHNSON
PALO ALTO, CALIFORNIA, USA

SOLID STATE AMPLIFIER

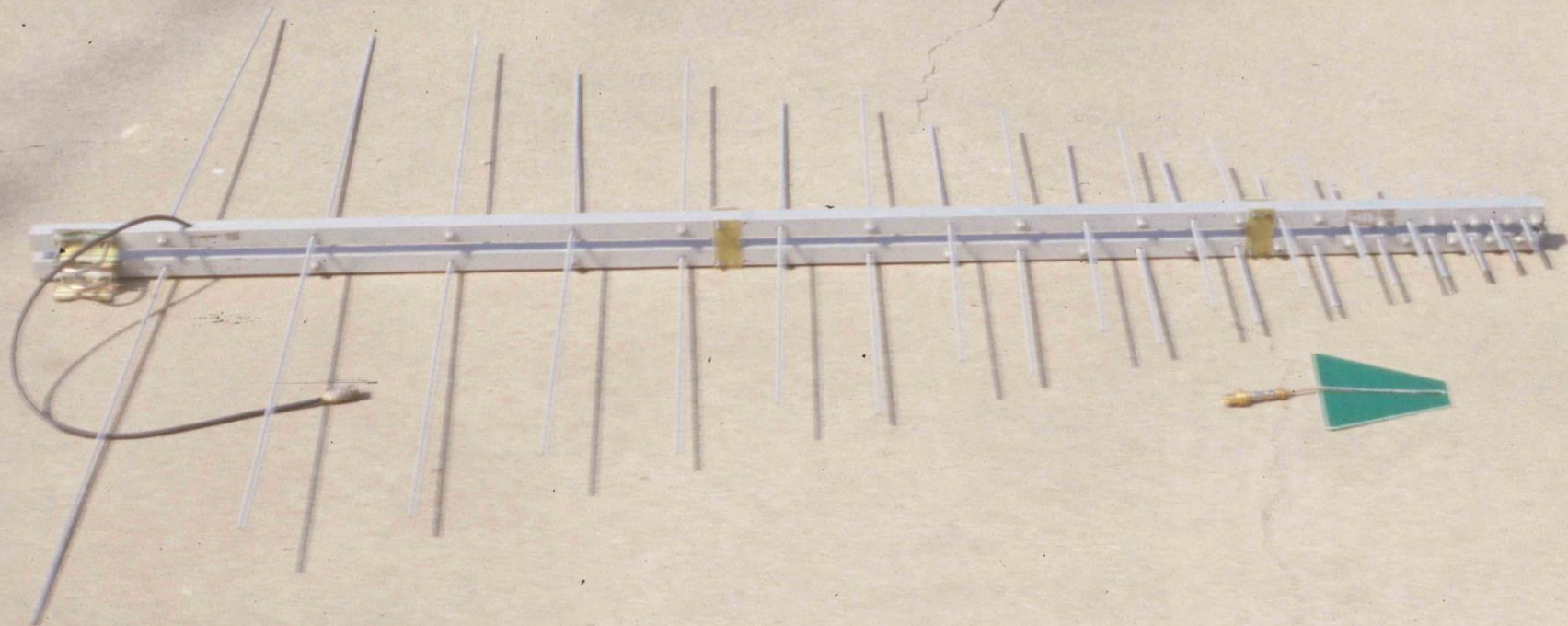
IN TYPE WJ6318-0010 SERIAL 11111 OUT
FREQUENCY 2.0 - 3.0 GHz













902 MHz ST-8
+ GHz

DURA
2156

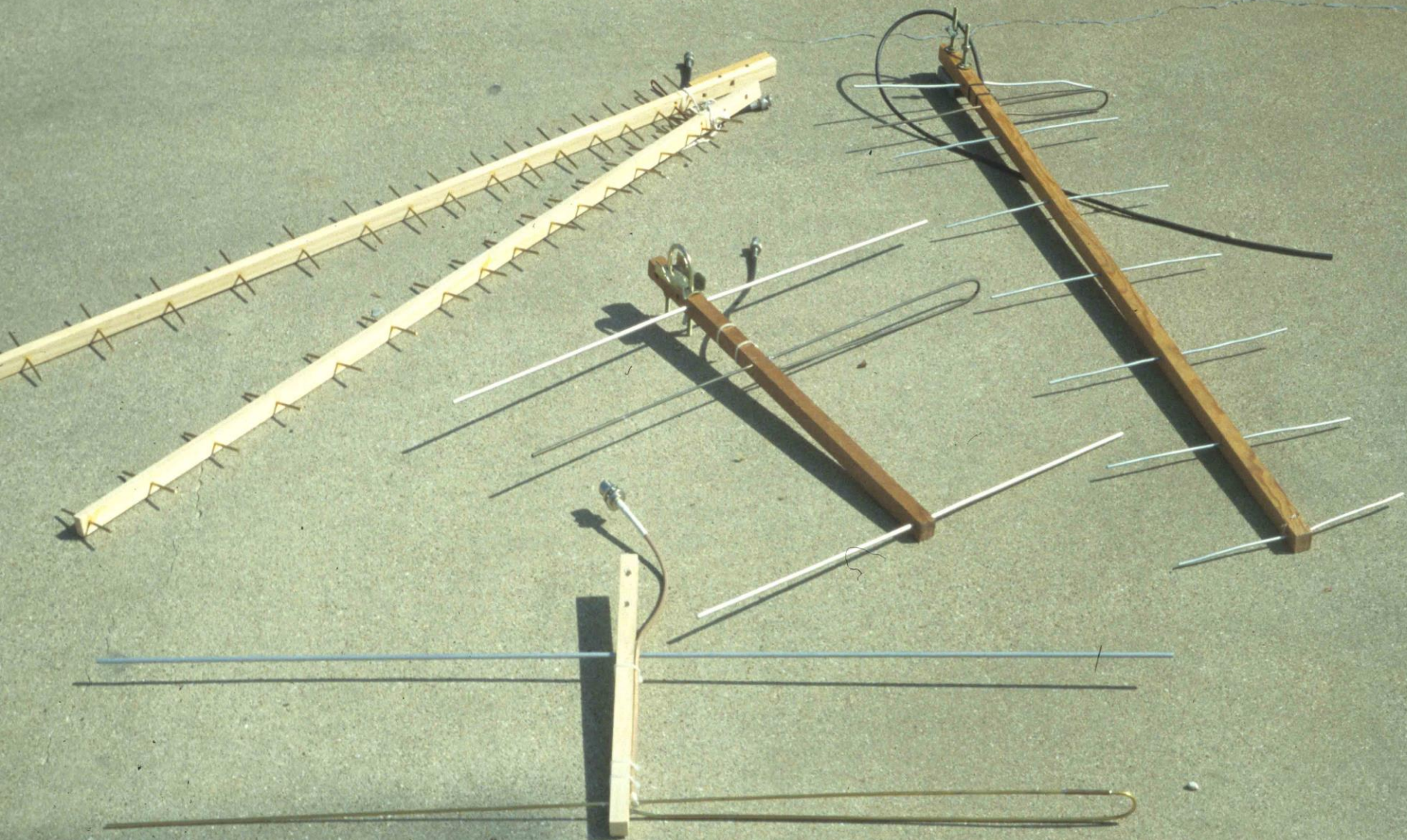
75

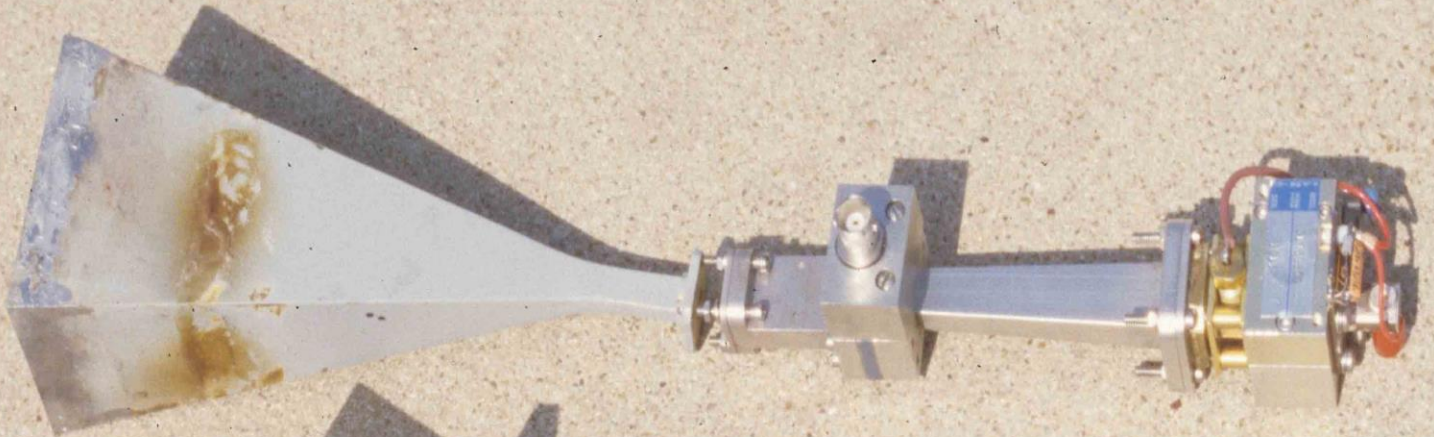
Handwritten notes on a piece of paper, possibly a diagram or a list of items.

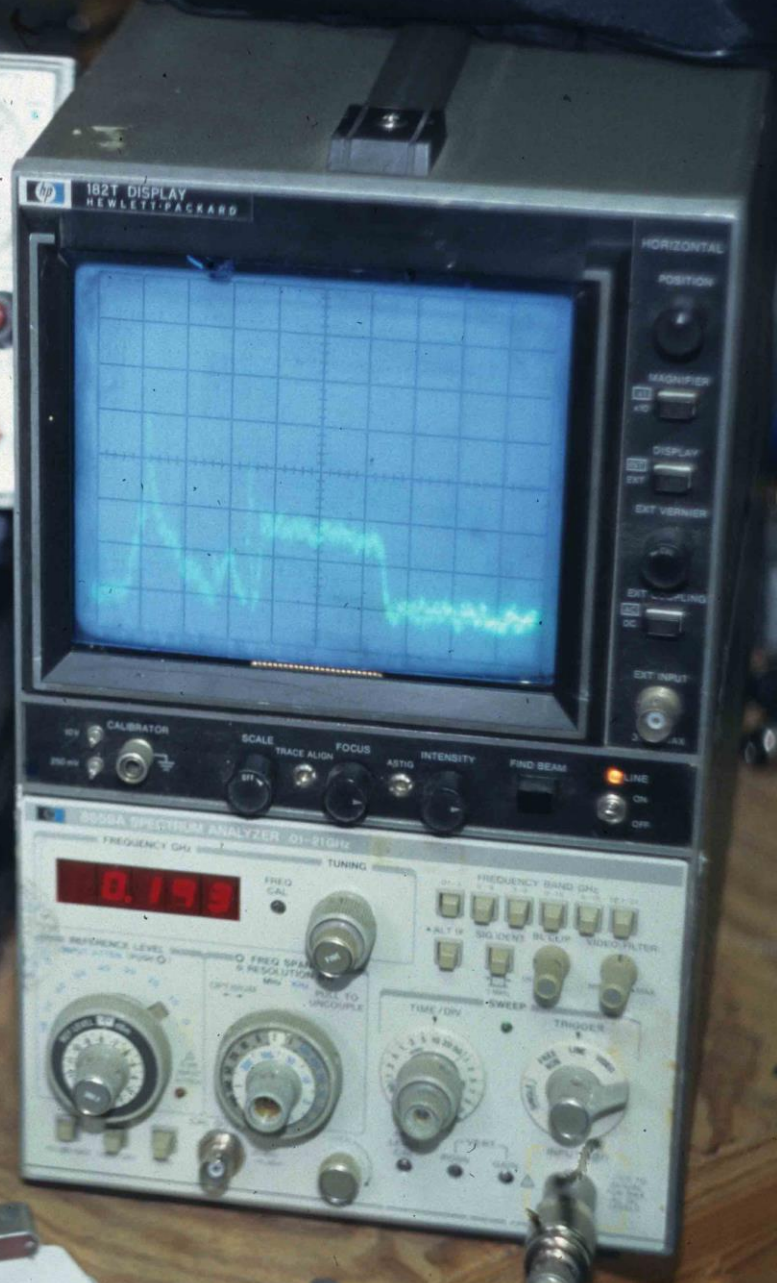
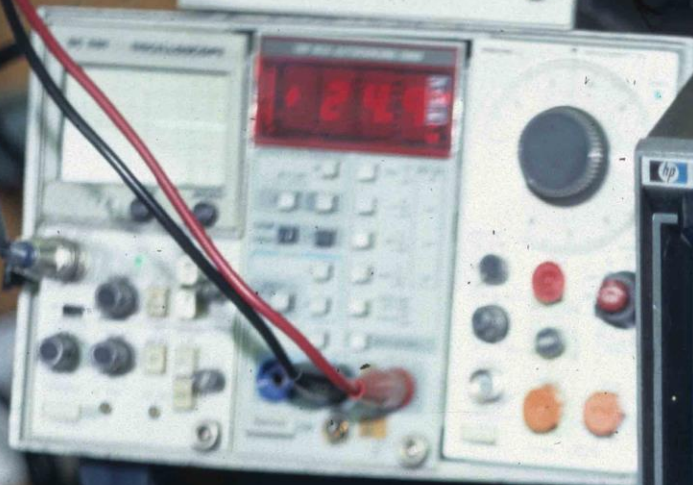
Handwritten notes on a piece of paper, possibly a diagram or a list of items.

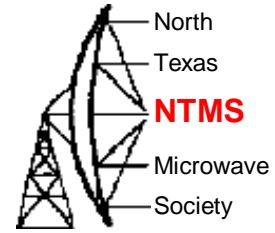
Ridgel
WaveGuide

DISKETTE TRAY









3. You need a PHD



















