

A.F. AMP O/P

SKT. 3

SOCKET CONNECTIONS

- 1 EARTH
- 2 & 3 THESE CONTACTS (vox relay) SHORT ON TRANSMIT FOR CONTROL OF AN EXTERNAL UNIT.
- 4 EXTERNAL LOUDSPEAKER
- 5 KEY
- 6 EXTERNAL MOX
- 7
- 8

SWITCH No.1

- POS.1 - EXT MOX
- " 2 - INT MOX
- " 3 - VOX

SWITCH No.2

- POS 1 - 1 8
- " 2 - 3 5
- " 3 - 3 7
- " 4 - 7 0
- " 5 - 1 4 0
- " 6 - 1 4 2
- " 7 - 2 1 0
- " 8 - 2 1 3
- " 9 - 2 8 0
- " 10 - 2 8 4
- " 11 - 2 8 6

SWITCH No.4

- 1 - IRT
- 2 - OFF
- 3 - ITT
- 4 - IRTT

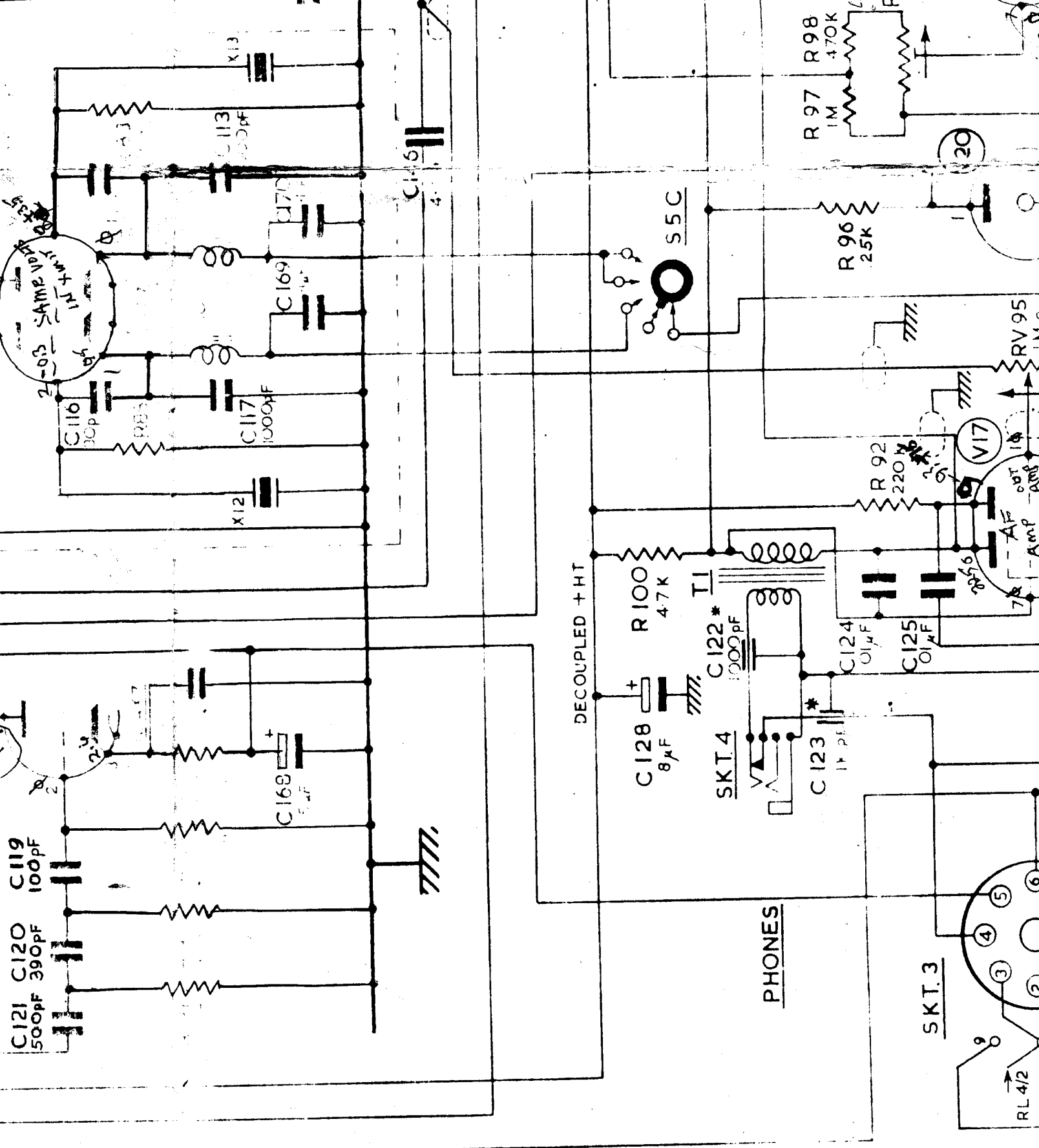
APP'D

CHECKED

DRAWN

[Signature]

12-12-68



IN X AMP

SKT.3

PHONES

DECOUPLD + HT



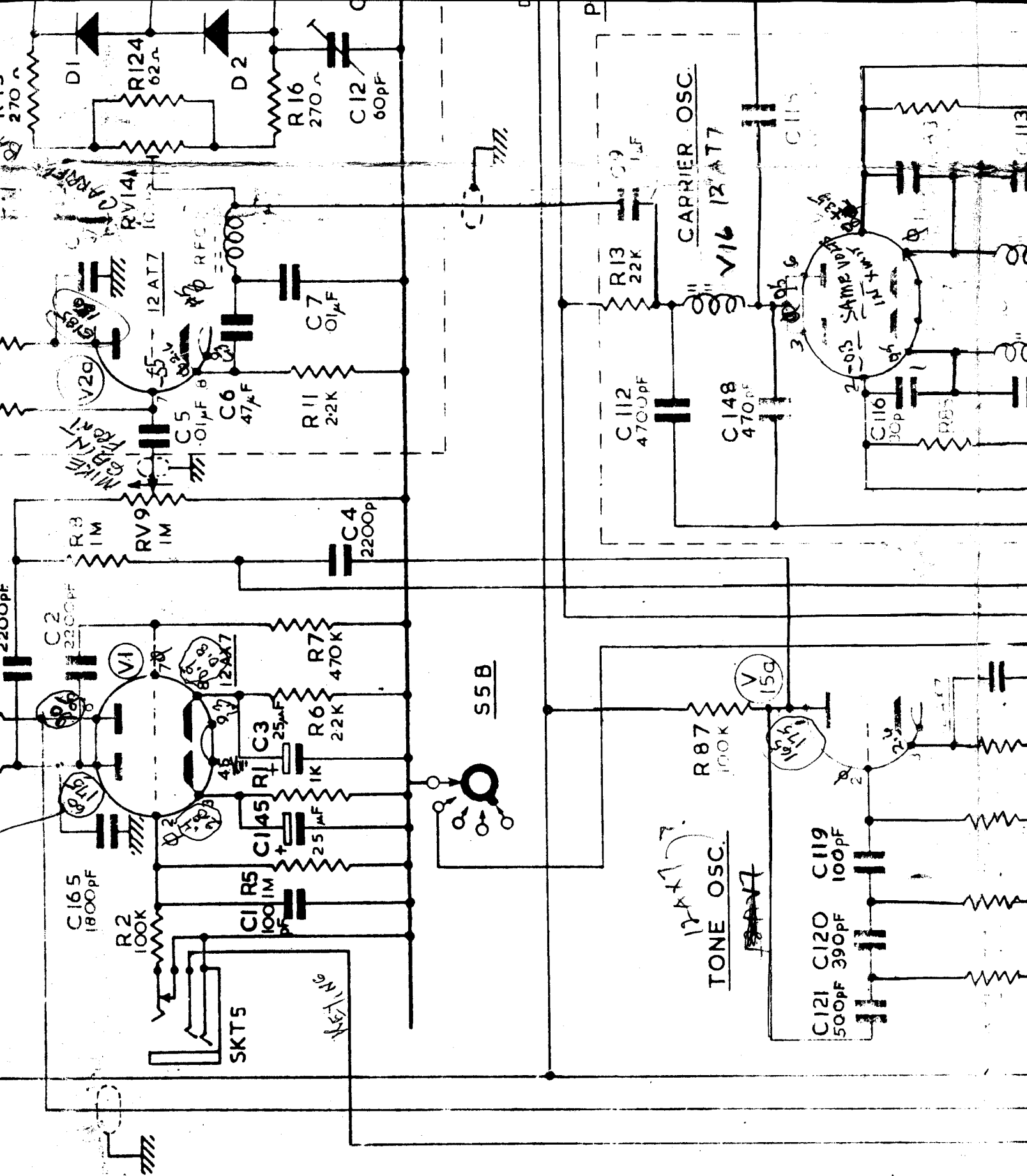
SKT.4

V17



RV95

20



USED ON
KW.2000B

DRAWING N°

D.1018/2

R & RV.

R2 R5 RI R3 R4 R6 R7 R8 RV9 R10 R11 R12 R13 R83 R97 RV99 R98 RV

CAPACITORS

C1 C165 C145 C3 C149 C2 C4 C5 C6 C8 C9 C10 C11 C12 C118 C122 C112 C148 C116 C117 C169 C119 C123 C128 C124 C125 C151 C171

T.L.V. & D.

V1 V15a TI V17 V2a V16

SKT XTAL.
RLY. SWT.
.RFC. etc.

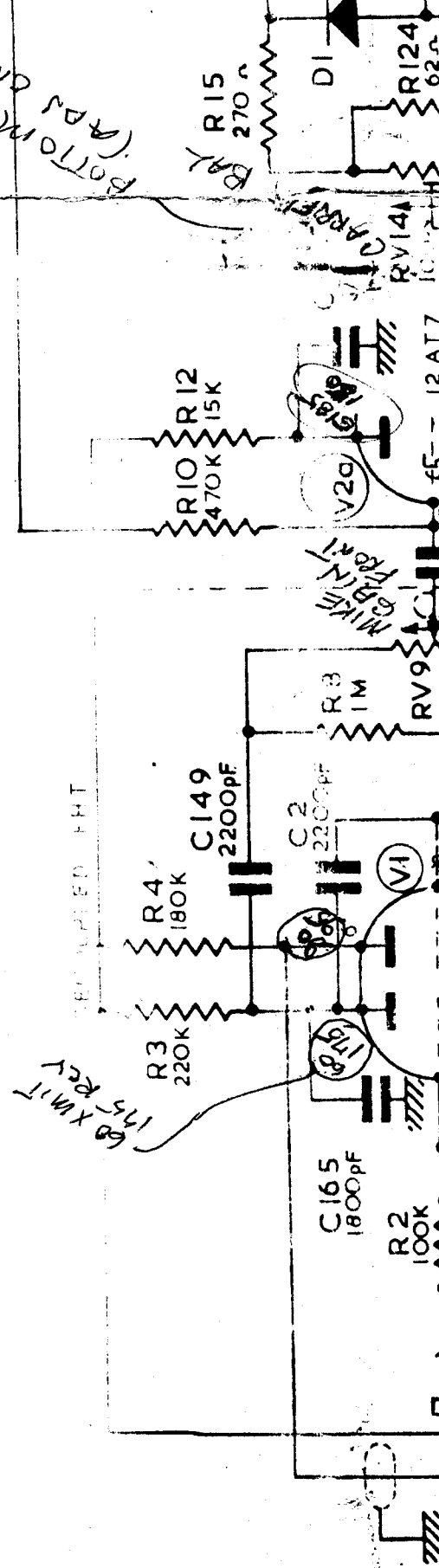
SKT 5 S5B SKT 4 SKT 3 SKT 4 X12 RFC10 RFC9 R1 S5C1 X13

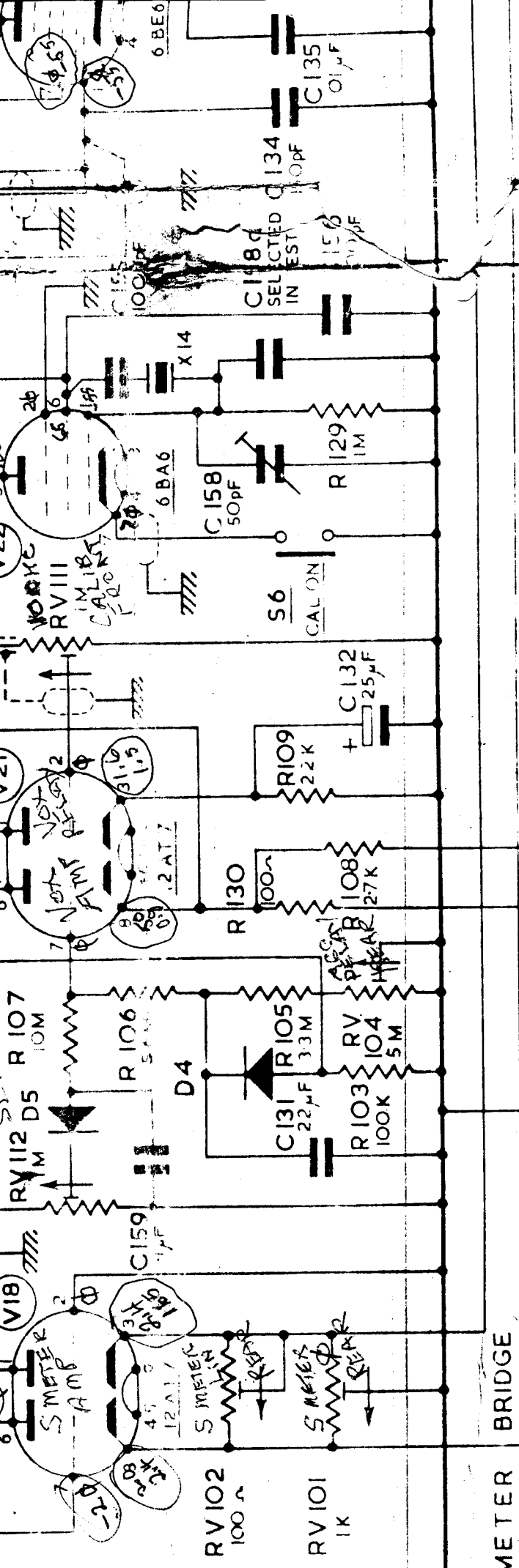
MIC. AMP / 1st VOX AMP

CATH FOLLOWER

12AT7

12AT7





METER BRIDGE

OTE : —
 1 CAPACITOR
 2 5KpF CON
 3 L.F.L. LP

POTENTIOMETERS

- RV 9 — MIC GAIN
- 53 — IRT SET
- 63 — IRT TUNE
- 75 — IRT GAIN
- 95 — AF GAIN
- 99 — S. SENSITIVITY
- 14 — CARRIER BALANCE
- 101 — S. ZERO
- 102 — S. LIN
- 104 — DELAY
- 111 — VOX SENS
- 112 — ANTI-VOX SENS
- 150 — CAL SET

CAPACITORS

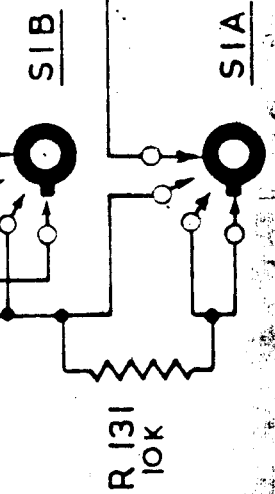
- C 40 — PRESELECTOR
- C 57 — PA TUNE
- C 58 — PA LOAD
- C 79 — V.F.O.

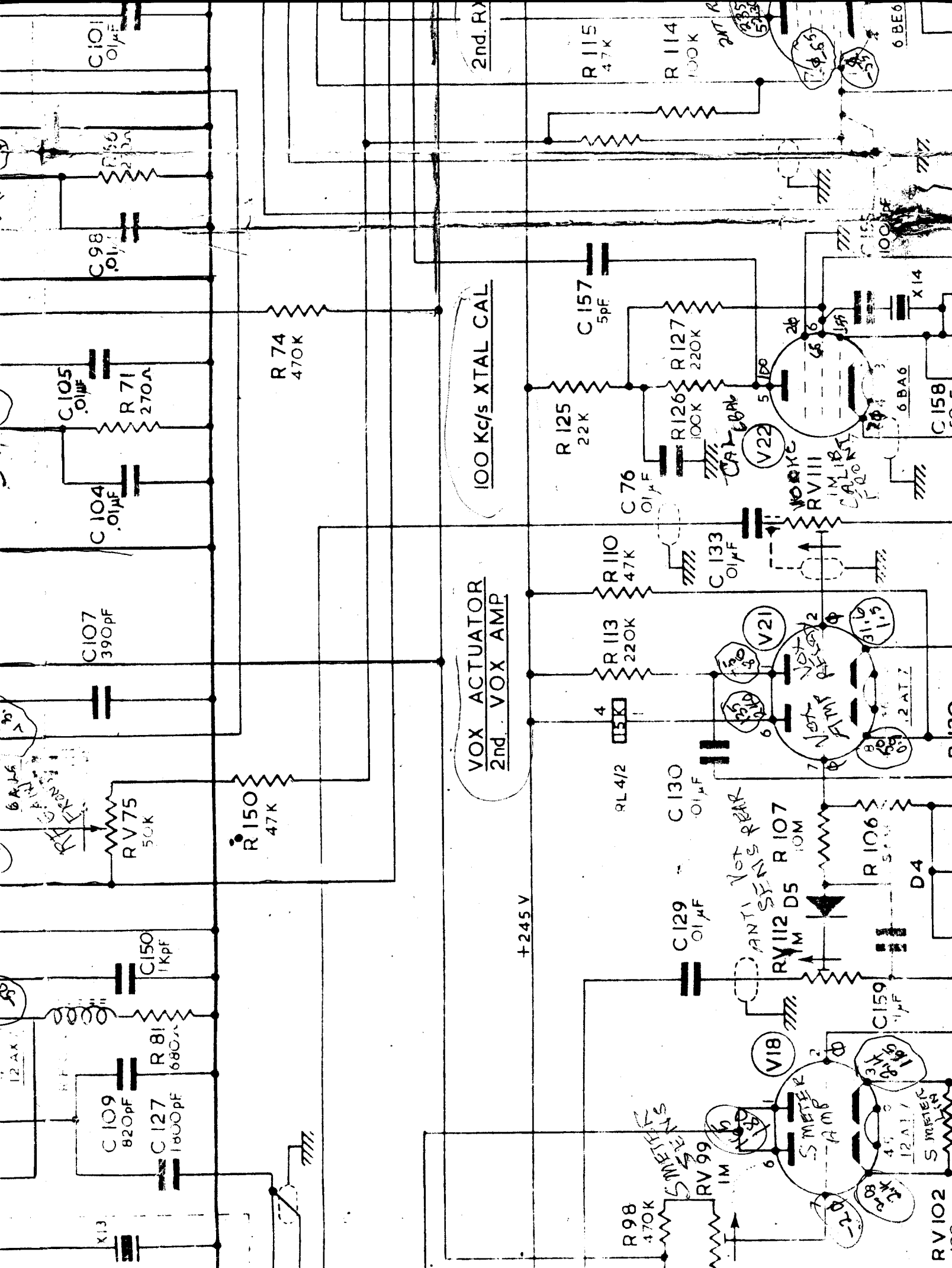
SWITCH No. 5

- POS — OFF
- " 2 — L.S.B
- " 3 — U.S.B
- " 4 — TUNE

SWITCH No. 4

- IRT
- OFF
- ITT
- IRT.T





100 Kc/s XTAL CAL

VOX ACTUATOR
2nd. VOX AMP

+245 V

C101
0.01μF

2nd. RX

R115
47K

R114
100K

6BE6

R150
47K

C98
0.01μF

C105
0.01μF

R71
270Ω

C104
0.01μF

C107
390pF

RV75
50K

R150
47K

C157
5pF

R125
22K

R127
220K

R126
100K

C76
0.01μF

R110
47K

R113
220K

R126
100K

R127
220K

R110
47K

R113
220K

R126
100K

R127
220K

R110
47K

R113
220K

R126
100K

R127
220K

C76
0.01μF

R110
47K

R113
220K

R126
100K

R127
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R113
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R126
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R127
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R113
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R126
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R127
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C76
0.01μF

R110
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R127
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C76
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C76
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C76
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C76
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C76
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R126
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R127
220K

R110
47K

R113
220K

6AL5
RVIII

6BA6
RVIO2

6BE6
RV99

SMETER
RV99

SMETER
RV102

SMETER
RV107

SMETER
RV108

SMETER
RV109

SMETER
RV110

SMETER
RV111

SMETER
RV112

SMETER
RV113

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RV130

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RV131

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RV132

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RV133

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RV134

SMETER
RV135

SMETER
RV136

SMETER
RV137

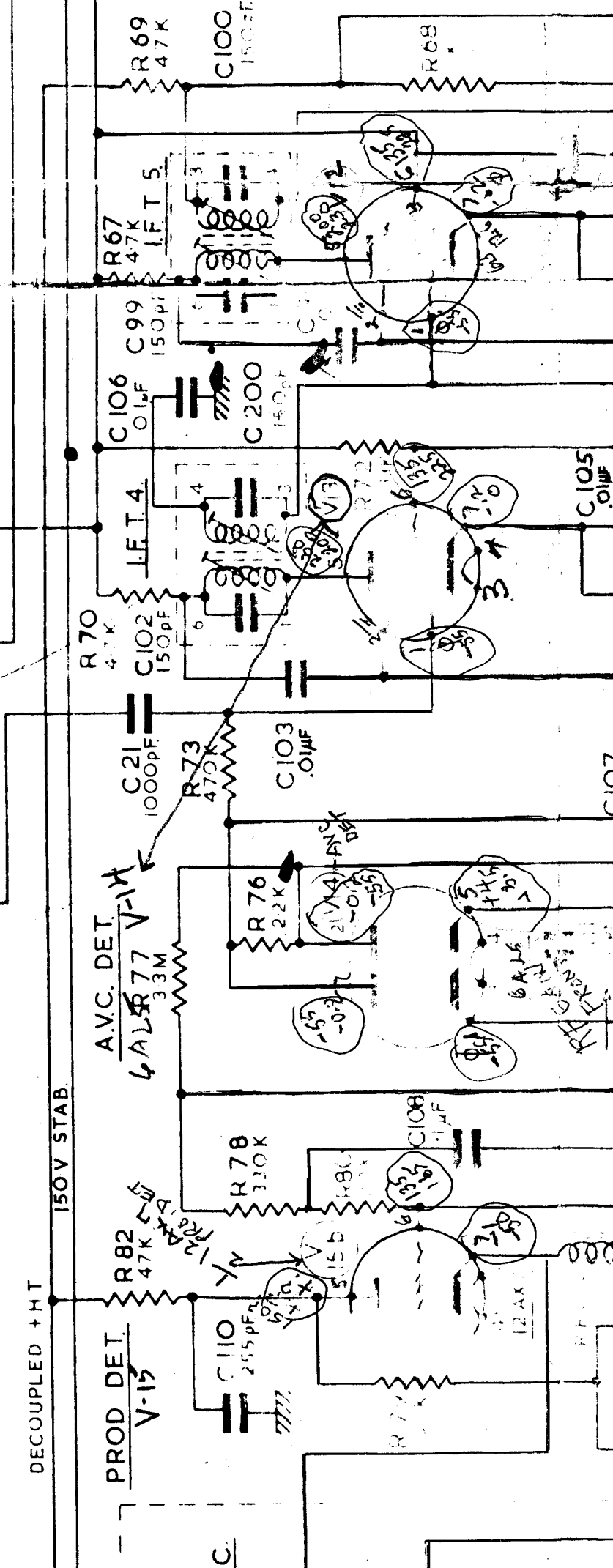
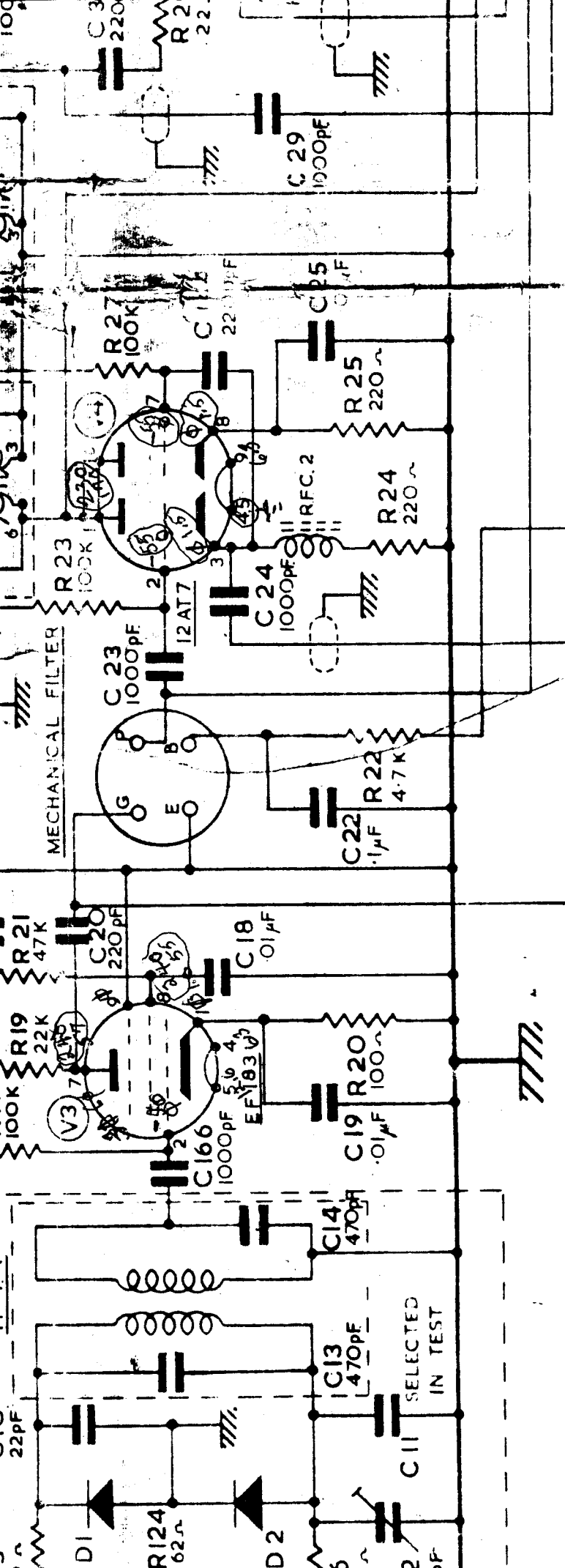
SMETER
RV138

SMETER
RV139

SMETER
RV140

SMETER
RV141

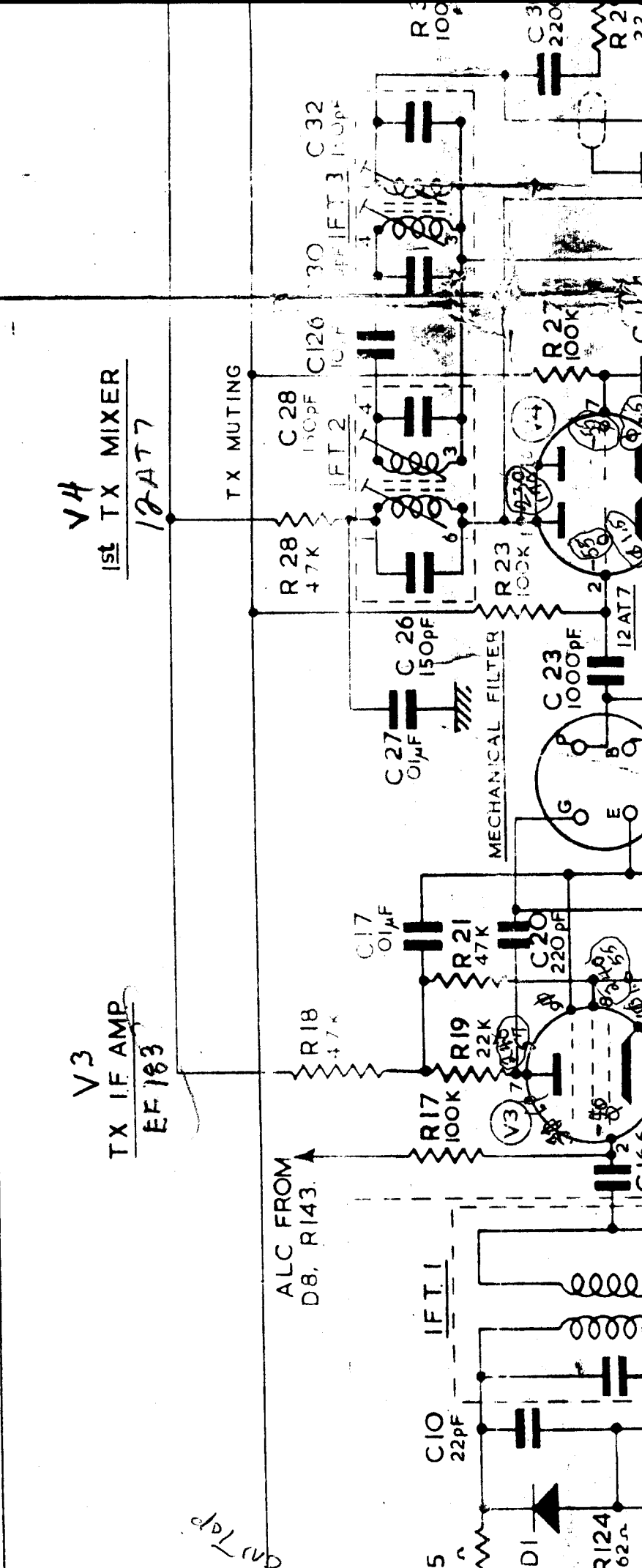
SMETER
RV142



THIRD ANGLE PROJECTION

R124 R16	R17	R18	R19	R20	R21	R22	R23	R24	R28	R25	R27	R29
R79	R81	R80	RV75	R77	R76	R73	R70	R71	R72	R74	R69	R68
R98	RV101	RV102	RV103	RV104	RV105	RV104	RV109	RV110	RV111	RV112	RV114	R114
R115	C10	C11	C13	C14	C166	C19	C18	C17	C20	C22	C27	C23
C127	C110	C109	C108	C150	C108	C107	C111	C103	C104	C200	C105	C106
C134	C135	C134	C135	C156	C156	C156	C156	C156	C156	C156	C156	C156

D1	D2	IFT1	V15b	V3	V21	V3	V4	IFT2	V12	V19



V4
1st TX MIXER
12AT7

V3
TX IF AMP
6X4

ALC FROM
D8, R143

MECHANICAL FILTER

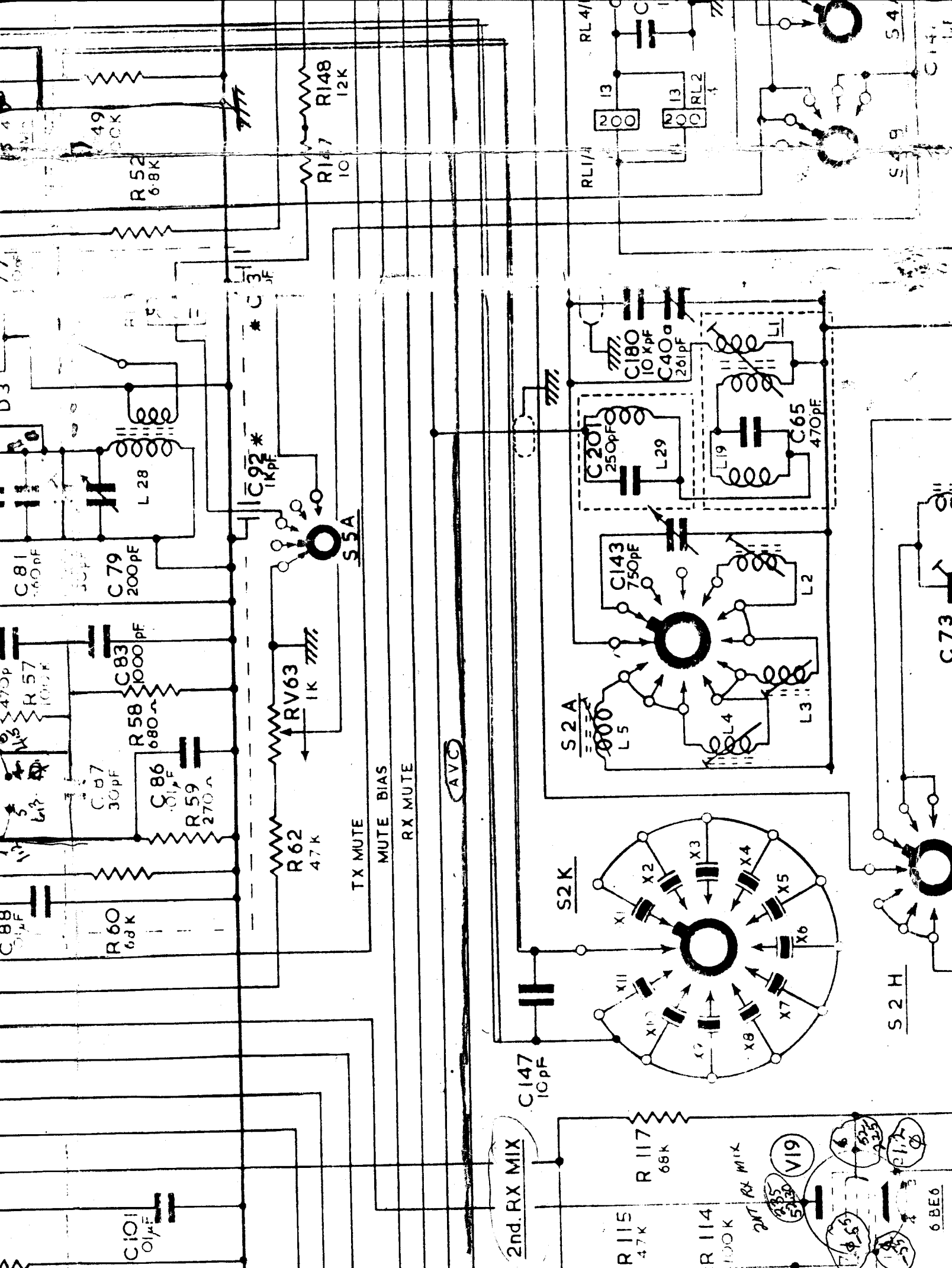
TX MUTING

IFT 1

IFT 2

IFT 3

Cap Tap



2nd. RX MIX

TX MUTE
MUTE BIAS
RX MUTE

AVC

S2 H

S2 A

6 BE6

C101
0.1μF

R60
68K

C88
0.1μF

R57
100K

L28

C81
60pF

R52
68K

R49
200K

R62
47K

RV63
1K

C92
1KpF

C79
200pF

R147
10K

R148
12K

S5A

AVC

C147
10pF

R117
68K

R115
47K

R114
100K

S2K

C143
750pF

C201
250pF

C180
10KpF

RL1/1

RL2/1

RL4/1

V19

S2 H

S2 A

C65
470pF

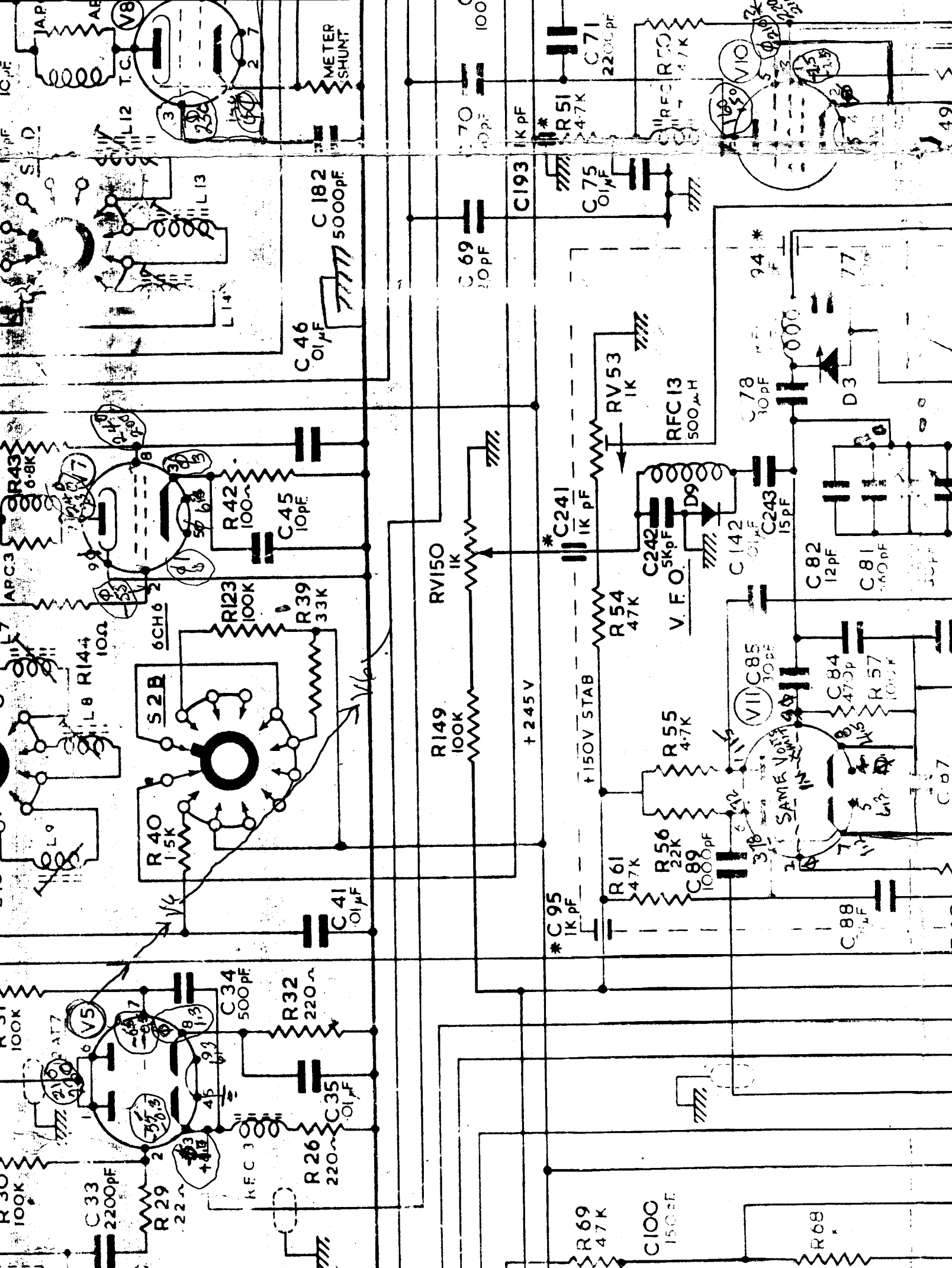
C40a
261pF

RL2/2

RL4/2

C141

6 BE6

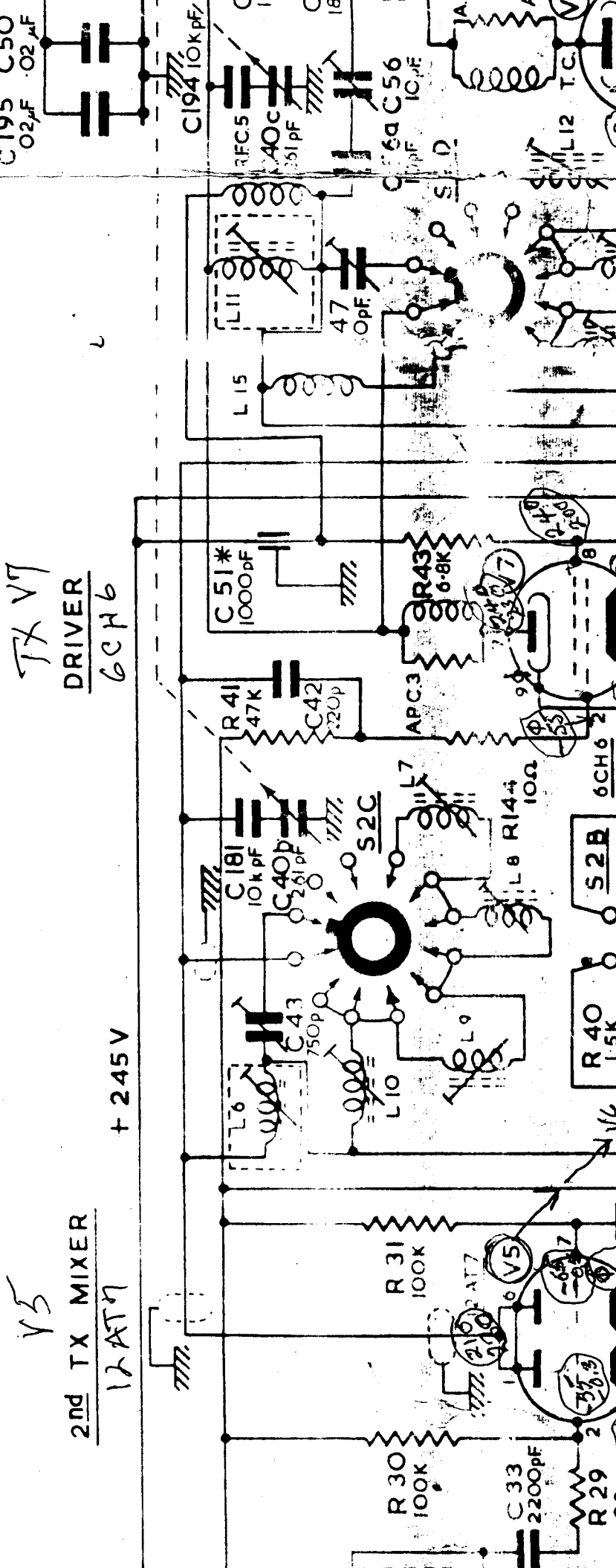


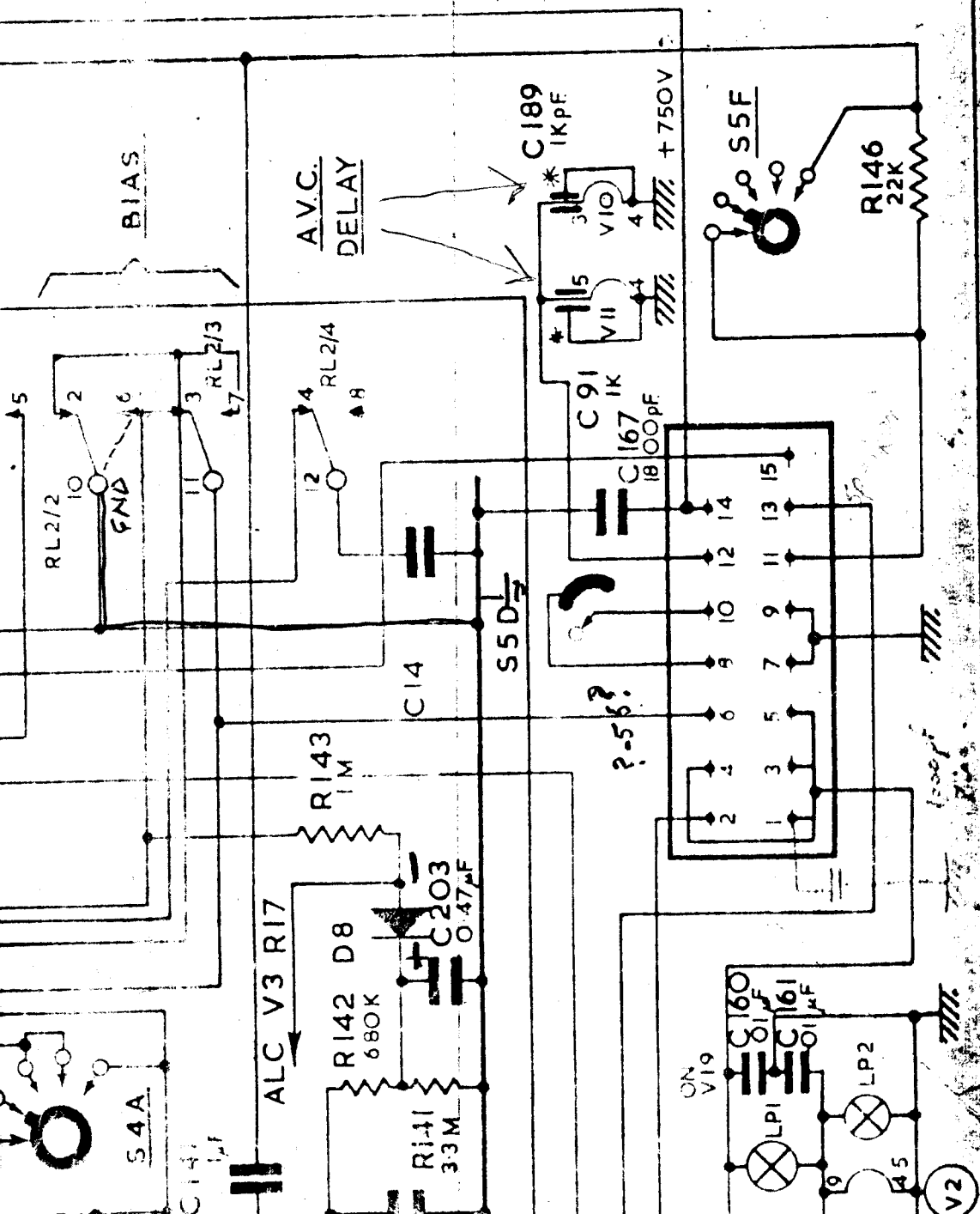
R29 R30 R26 R32 R31 R40 R39 R144 R23 R41 R42 R43
 9 R68 R116 R117 R61 R60 R59 R56 R55 R57 R58 R54 R149 RV150 RV53
 R117 R148 R151 R49 R50

C33 C34 C35 C41 C43 C241 C242 C181 C40b C42 C45 C51 C46 C40c C243 C17 C56a C182 C155 C194 C40c
 C101 C135 C136 C147 C95 C88 C89 C87 C86 C85 C84 C83 C142 C92 C82 C81 C80 C79 C78 C77 C93 C94 C69 C75 C70 C71 C5
 C193 C202 C199 C160 C74 C177 C73 C137 C143 C201 C187 C72 C65 C188 C18 C240

V5 V6 V7 V8 V9 V10 V11 V12 V13 V14 V15 V16 V17 V18 V19 V20 V21 V22 V23 V24 V25 V26 V27 V28 V29 V30 V31 V32 V33 V34 V35 V36 V37 V38 V39 V40 V41 V42 V43 V44 V45 V46 V47 V48 V49 V50 V51 V52 V53 V54 V55 V56 V57 V58 V59 V60 V61 V62 V63 V64 V65 V66 V67 V68 V69 V70 V71 V72 V73 V74 V75 V76 V77 V78 V79 V80 V81 V82 V83 V84 V85 V86 V87 V88 V89 V90 V91 V92 V93 V94 V95 V96 V97 V98 V99 V100

RFC3 RFC13 APC3 RFC13 S5A
 RFC7 APC4 S4A
 S2C S2B
 S2D
 S4B





K W ELECTRONICS DARTFORD KENT

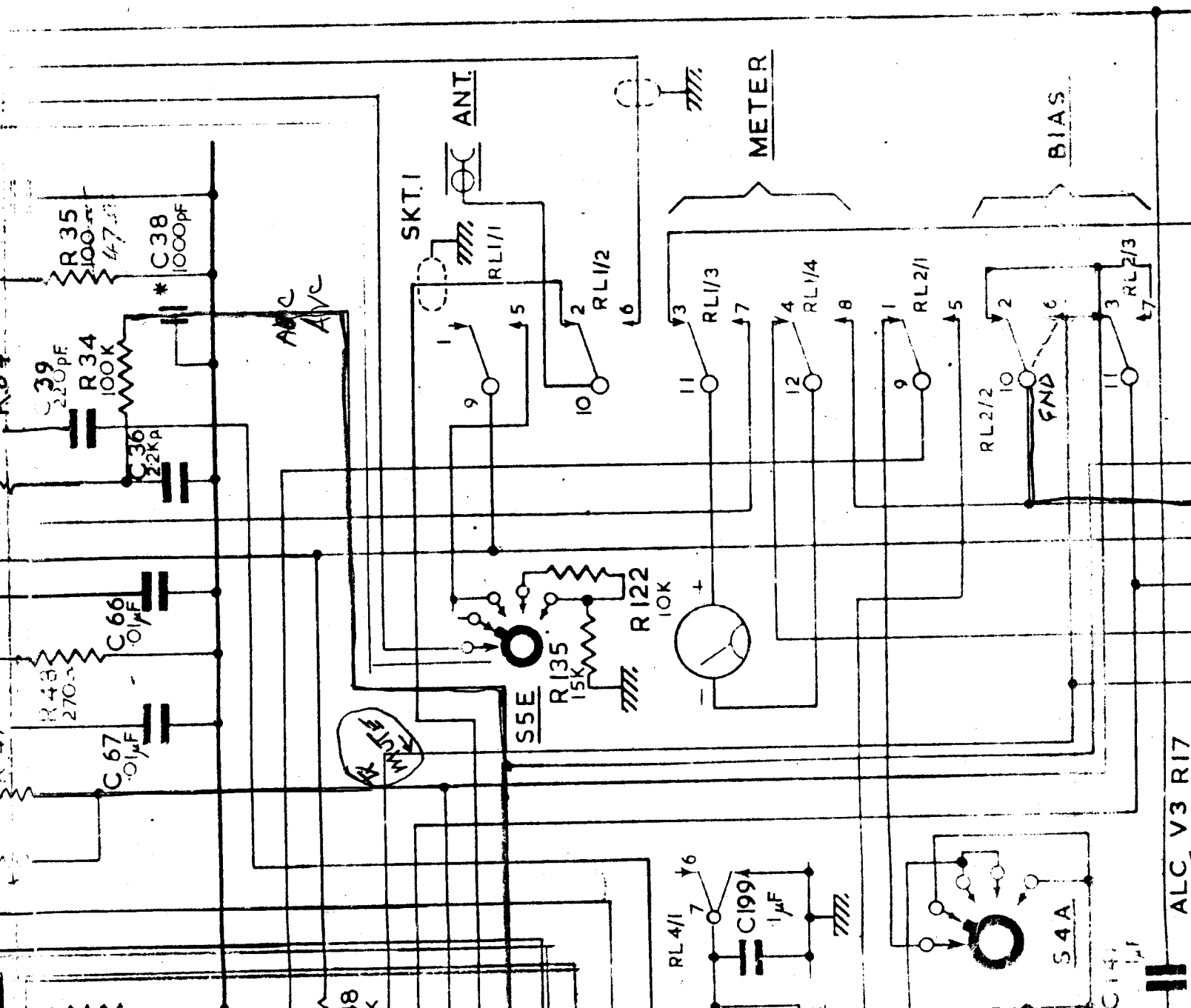
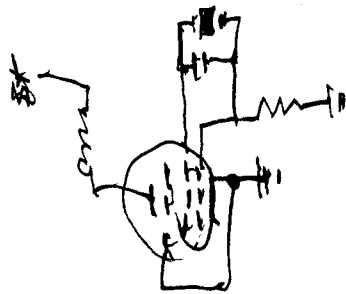
DRG. NO.

D.1018/2

CIRCUIT DIAGRAM

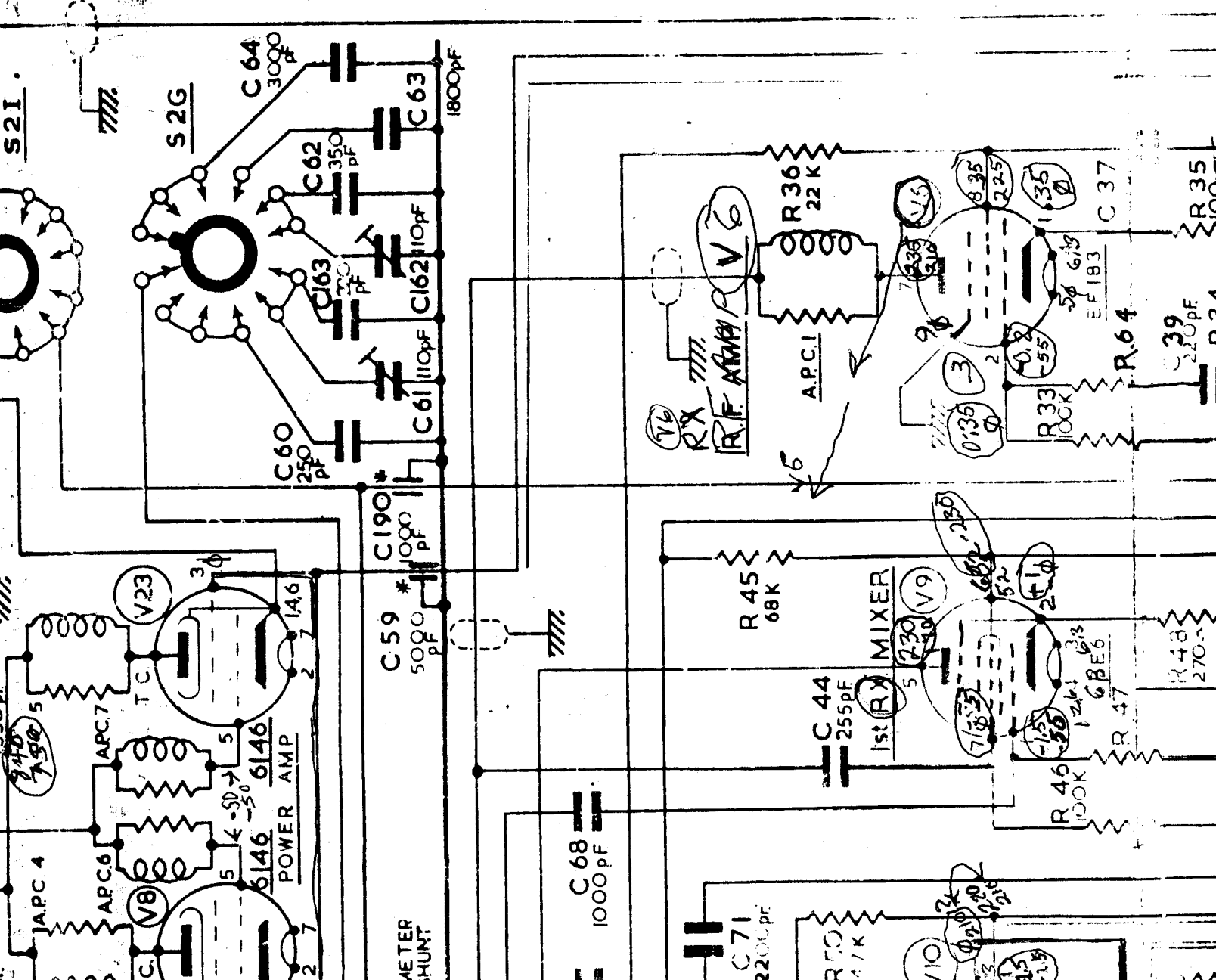
KW. 2000B

INCHES



ALC V3 R17

S21.



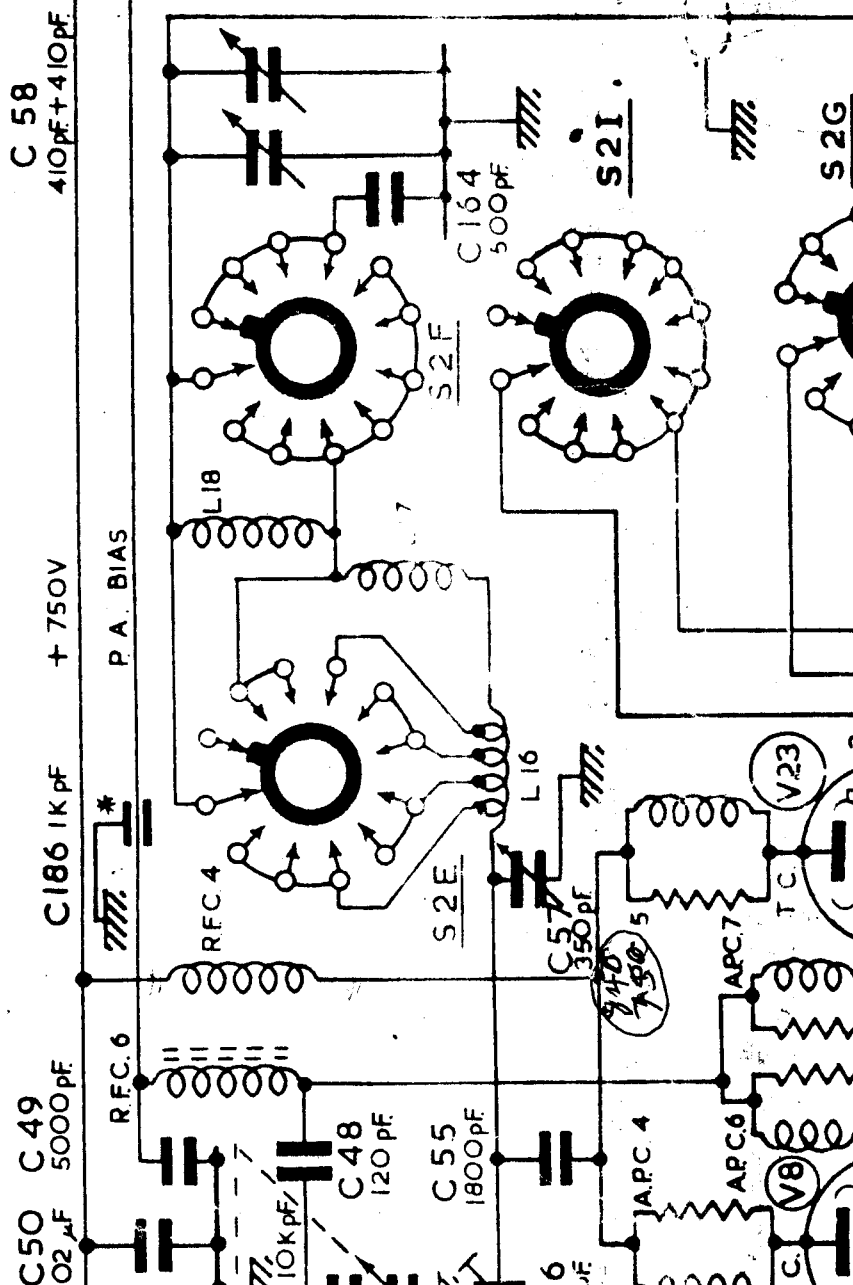
5
:30
C
C
T:

R50 R46 R47 R48 R45 R33 R64 R34 R35 R36 R146
R141 R142 R143 R135 R122

C40c C56 C50 C49 C48 C190 C57C59 C60 C61 C163 C62 C162 C164 C63 C64 C58
C71 C55 C68 C44 C193C67C186 C66 C36 C39 C38 C37
C160 C161 C203 C141 C167 C140 C91 C189

V8 V23 V9 V6
L17 L18

APC4 APC6 APC7 APC5 S2E S2F S21 S2G
RFC6 RFC4 S5E S5F
S4A



V23
V8
V23
S2G