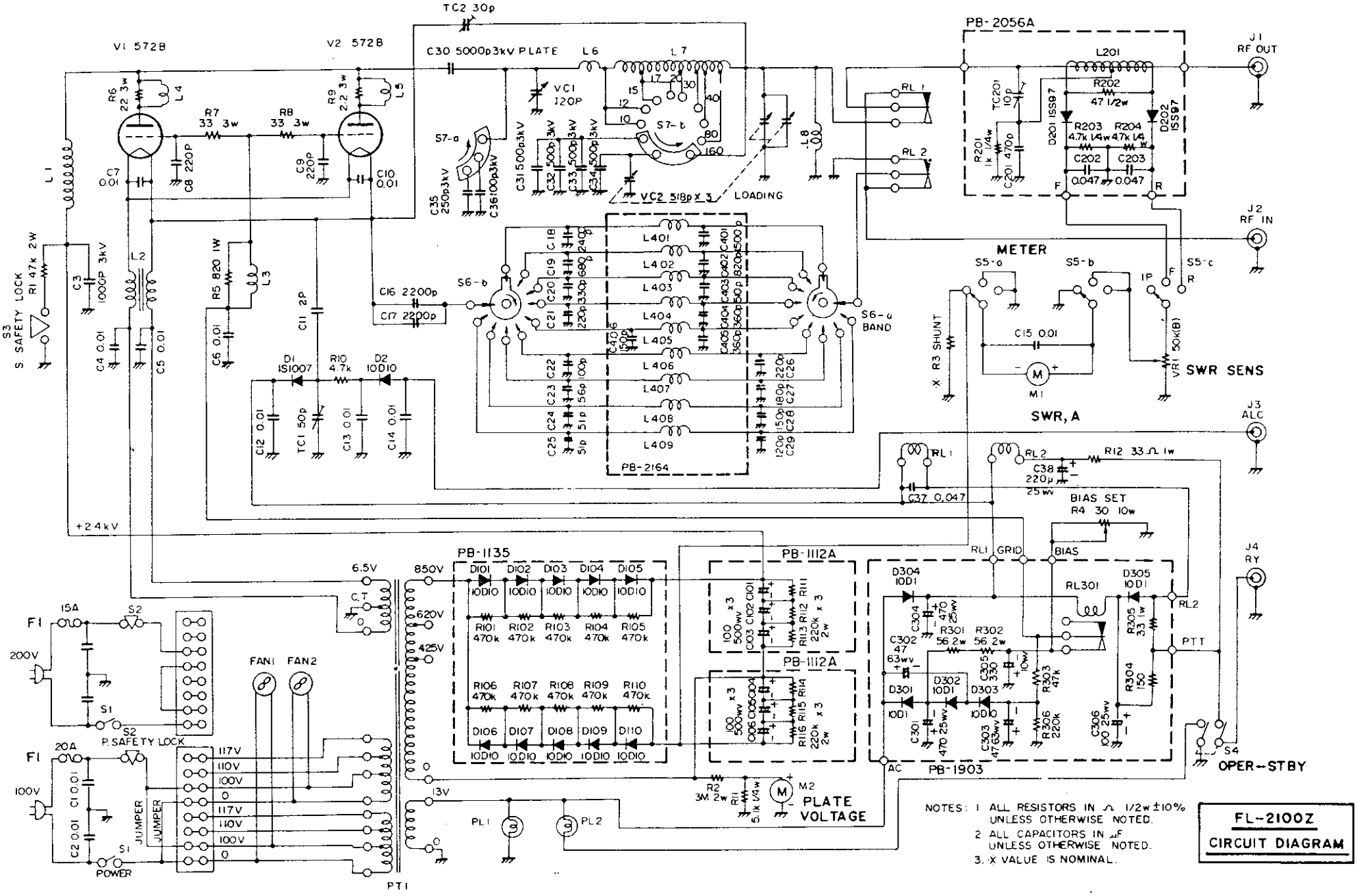

V1 572B
V2 572B
TC2 30p
C30 5000p3kV PLATE
L6
L7
VC1 120P
S7-a
S7-b
C31 500p3kV
C32 500p3kV
C33 500p3kV
C34 500p3kV
C35 250p3kV
C36 100p3kV
VC2 518p x 3
LOADING
L8
RL 1
RL 2
PB-2056A
L201
J1 RF OUT
R202 47 1/2w
D201 ISS97
D202 ISS97
R203 4.7k 1/4w
R204 4.7k 1/4w
C202 0.047
C203 0.047
TC201 10p
R201 1k 1/4w
C201 470p
J2 RF IN
METER
S5-a
S5-b
S5-c
C15 0.01
M1
VR1 50k(B)
SWR SENS
SWR, A
R3 SHUNT
J3 ALC
L401
L402
L403
L404
L405
L406
L407
L408
L409
PB-2164
S6-b
S6-c
BAND
C16 2200p
C17 2200p
D1 1S1007
R10 4.7k
D2 1OD10
TC1 50p
C11 2P
C12 0.01
C13 0.01
C14 0.01
RL1
RL2
R12 33Ω 1w
C38 220µ 25wv
C37 0.047
BIAS SET R4 30 10w
BIAS
GRID
J4 RY
PTT
S4
OPER-STBY
PB-1903
PB-1135
PB-1112A
PB-1112A
D101 D102 D103 D104 D105
R101 R102 R103 R104 R105
R106 R107 R108 R109 R110
D106 D107 D108 D109 D110
R111 R112 R113
R114 R115 R116
C101 C102 C103
C104 C105 C106
D304 D305 D301 D302 D303
RL301
R301 R302 R303 R304 R305 R306
C301 C302 C303 C304 C305 C306
M2
PLATE VOLTAGE
R2 3M 2w
R11 5.1k 1/4w
PL1
PL2
PT1
6.5V
850V
620V
425V
13V
+24kV
S3 SAFETY LOCK
R1 47k 2W
C3 1000P 3kV
L1
L2
L3
L4
L5
R6 22 3w
R7 33 3w
R8 33 3w
R9 2.2 3w
C7 0.01
C8 220P
C9 220P
C10 0.01
R5 820 1W
C4 0.01
C5 0.01
C6 0.01
F1 15A
S2
200V
S1
FAN1
FAN2
F1 20A
S2 P.SAFETY LOCK
100V
JUMPER
JUMPER
117V
110V
100V
0
117V
110V
100V
0
S1 POWER
C2 0.01
C1 0.01
CT
NOTES: 1 ALL RESISTORS IN Ω 1/2w ±10% UNLESS OTHERWISE NOTED.
2 ALL CAPACITORS IN µF UNLESS OTHERWISE NOTED.
3. X VALUE IS NOMINAL.
FL-2100Z
CIRCUIT DIAGRAM