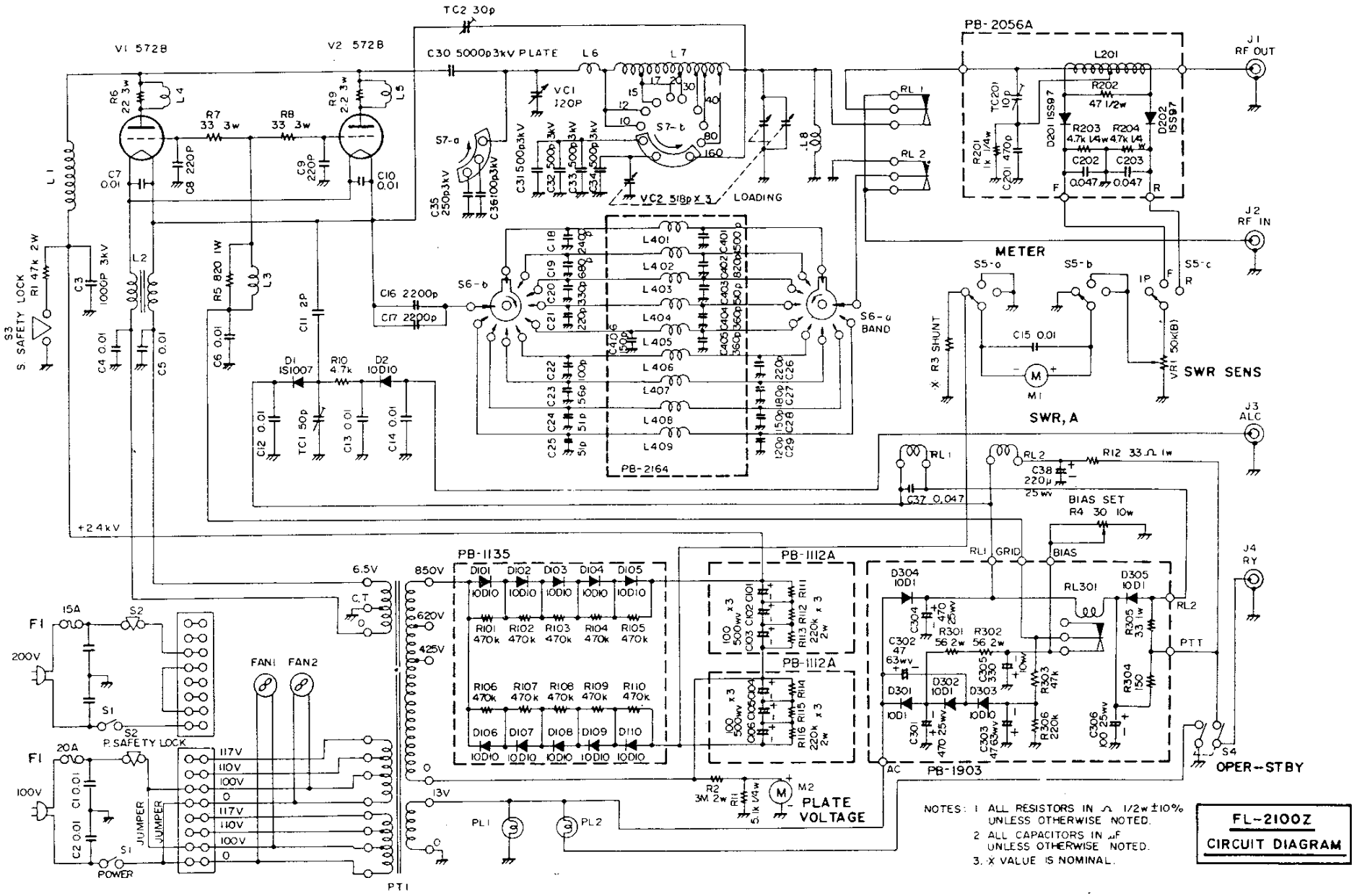
V1 5728
V2 5728
TC2 30p
C30 5000p 3kV PLATE
L6
L7
VC1 120P
S7-a
S7-b
C31 500p 3kV
C32 500p 3kV
C33 500p 3kV
C34 500p 3kV
C35 250p 3kV
C36 100p 3kV
VC2 518p x 3
LOADING
L8
RL 1
RL 2
PB-2056A
L201
R202 47 1/2w
D201 1SS97
D202 1SS97
R203 4.7k 1/4w
R204 4.7k 1/4w
C202 0.047
C203 0.047
TC201 10p
R201 1k 1/4w
C201 470p
J1 RF OUT
J2 RF IN
METER
S5-a
S5-b
S5-c
IP
F
R
C15 0.01
M1
VR1 50k(B)
SWR SENS
SWR, A
X R3 SHUNT
J3 ALC
J4 RY
L401
L402
L403
L404
L405
L406
L407
L408
L409
PB-2164
S6-b
S6-a BAND
C16 2200p
C17 2200p
D1 1S1007
D2 10D10
R10 4.7k
C12 0.01
C13 0.01
C14 0.01
TC1 50p
RL1
RL2
C37 0.047
C38 220µ 25wv
R12 33Ω 1w
BIAS SET R4 30 10w
RL1 GRID
BIAS
+2.4kV
S3 S. SAFETY LOCK
R1 47k 2W
PB-1135
PB-1112A
PB-1112A
D101 10D10
D102 10D10
D103 10D10
D104 10D10
D105 10D10
R101 470k
R102 470k
R103 470k
R104 470k
R105 470k
R106 470k
R107 470k
R108 470k
R109 470k
R110 470k
D106 10D10
D107 10D10
D108 10D10
D109 10D10
D110 10D10
R111
R112
R113 220k x 3 2w
R114
R115
R116 220k x 3 2w
D304 10D1
D305 10D1
RL301
R301 56 2w
R302 56 2w
R305 33 1w
R304 150
R303 47k
R306 220k
C302 47 63wv
C303 330
C304 470 25wv
C305 10wv
C306 100 25wv
D301 10D1
D302 10D1
D303 10D10
C301 470 25wv
PTT
AC
PB-1903
S4 OPER-STBY
6.5V
850V
620V
425V
13V
C.T
PT1
F1 15A
S2
200V
S1
FAN1
FAN2
F1 20A
P. SAFETY LOCK
100V
117V
110V
100V
0
JUMPER
POWER
R2 3M 2w
R11 5.1k 1/4w
M2
PLATE VOLTAGE
PL1
PL2
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