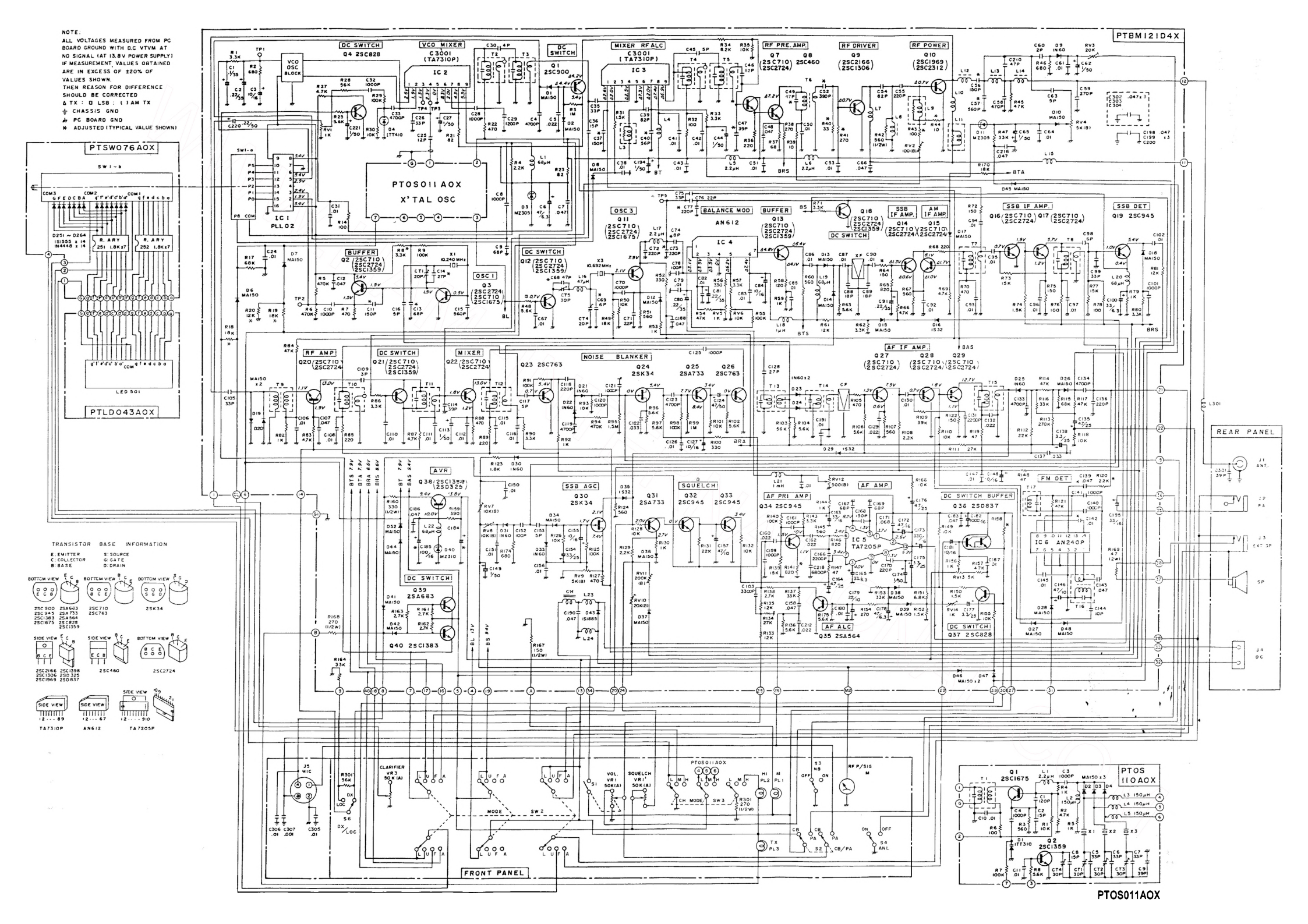
NOTE:
ALL VOLTAGES MEASURED FROM PC BOARD GROUND WITH D.C VTVM AT NO SIGNAL (AT 13.8V POWER SUPPLY) IF MEASUREMENT VALUES OBTAINED ARE IN EXCESS OF ±20% OF VALUES SHOWN.
THEN REASON FOR DIFFERENCE SHOULD BE CORRECTED
Δ TX : □ LSB : ( ) AM TX
⏚ CHASSIS GND
⏚ PC BOARD GND
✱ ADJUSTED (TYPICAL VALUE SHOWN)
PTBM121D4X
PTSW076AOX
PTLD043AOX
PTOS011AOX
X'TAL OSC
PLL02
IC 1
IC 2
IC 3
IC 4
IC 5 TA7205P
IC 6 AN240P
DC SWITCH
VCO MIXER
MIXER RF ALC
RF PRE. AMP.
RF DRIVER
RF POWER
BUFFER
OSC 3
OSC 1
BALANCE MOD
SSB IF AMP.
AM IF AMP.
SSB IF AMP.
SSB DET
RF AMP.
MIXER
NOISE BLANKER
AF IF AMP.
AVR
SSB AGC
SQUELCH
AF PRI AMP
AF AMP
AF ALC
DC SWITCH BUFFER
FM DET.
REAR PANEL
FRONT PANEL
TRANSISTOR BASE INFORMATION
E: EMITTER
C: COLLECTOR
B: BASE
S: SOURCE
G: GATE
D: DRAIN
2SC900 2SC945 2SC1383 2SC1675
2SA683 2SA733 2SA564 2SC828 2SC1359
2SC710 2SC763
2SK34
2SC2166 2SC1306 2SC1969
2SC1398 2SD325 2SD837
2SC460
2SC2724
TA7310P
AN612
TA7205P
PTOS011AOX