Schematic diagram — legend:
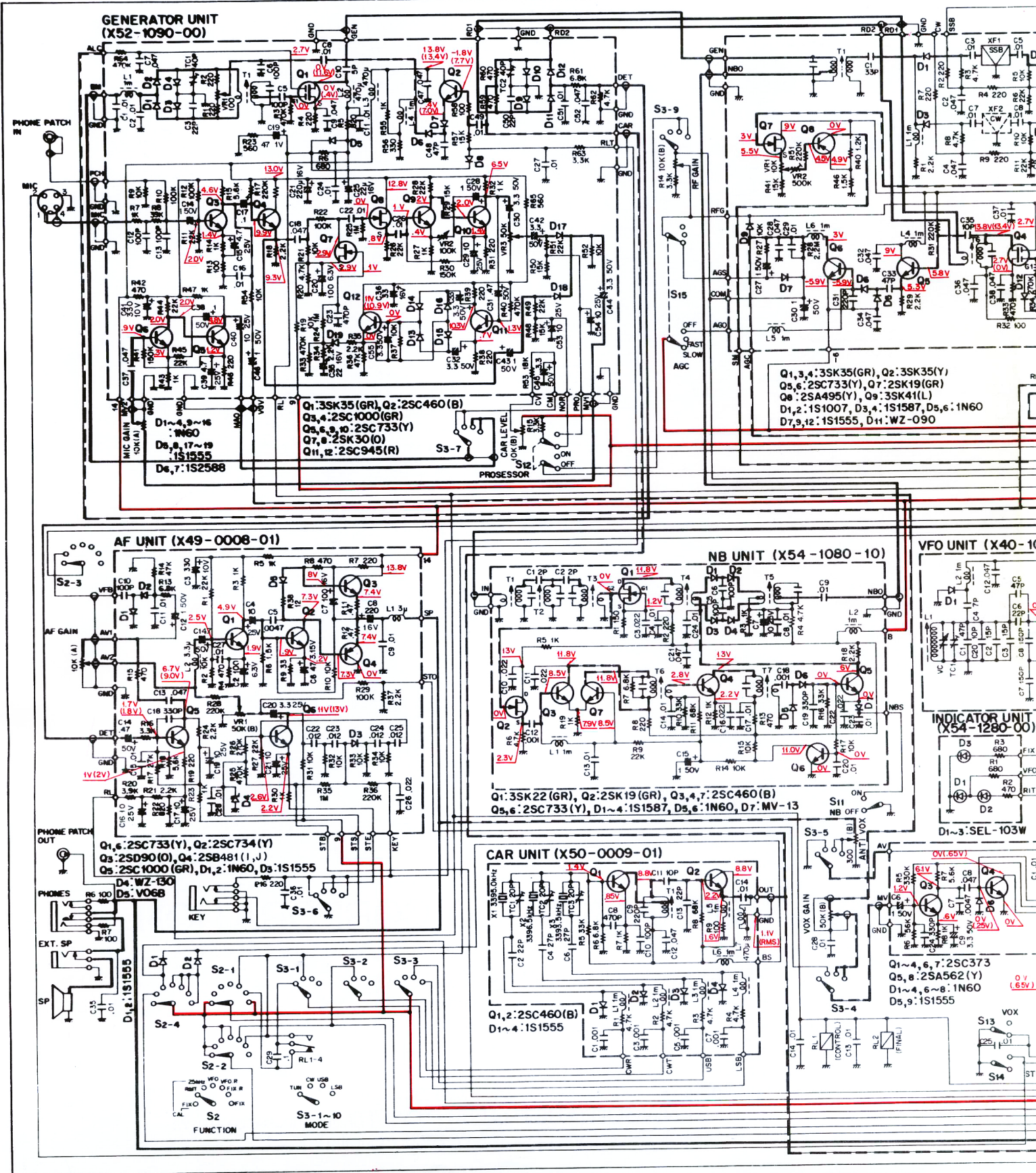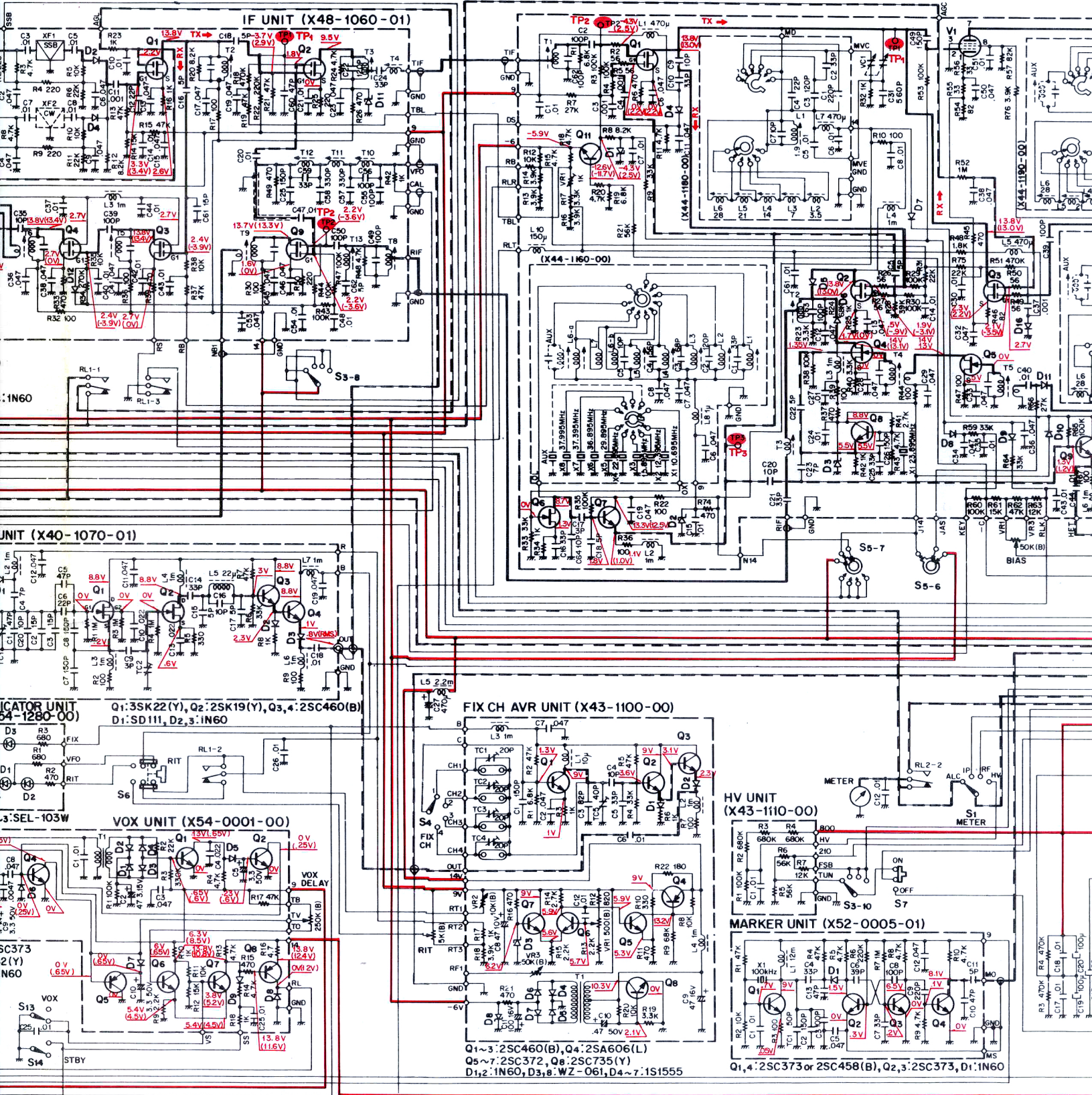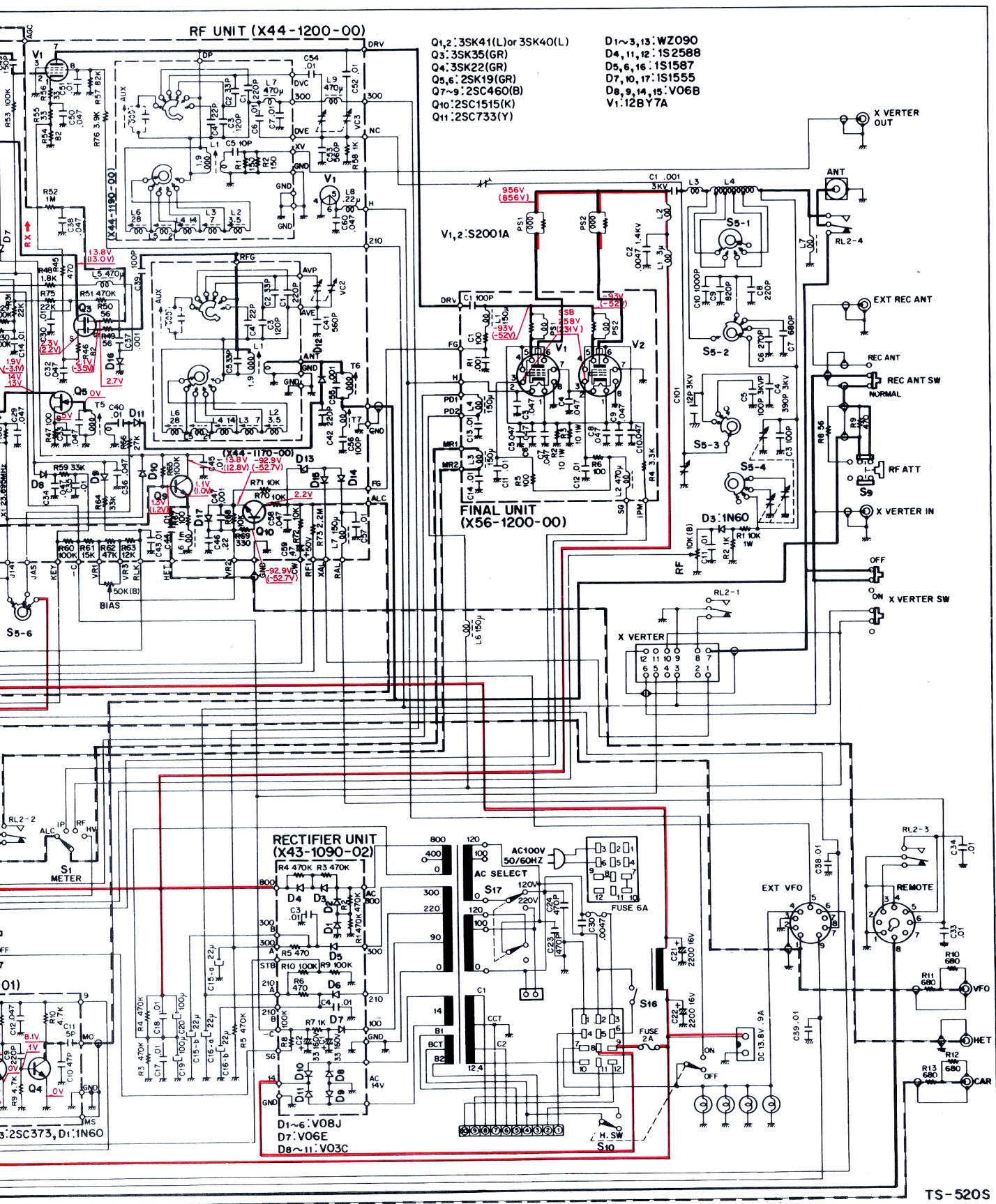— Signal line ----- AGC, ALC, OSC control signal line
+800V, +14V, +9V, −6V DC Voltage at reception (at transmission)

GENERATOR UNIT (X52-1090-00)

Q1,3,4:3SK35(GR), Q2:2SC460(B)
Q3,4:2SC1000(GR)
Q5,6,9,10:2SC733(Y)
Q7,8:2SK30(O)
Q11,12:2SC945(R)
D1~4,9~16:1N60
D6,8,17~19:1S1555
D6,7:1S2588

Q1,3,4:3SK35(GR), Q2:3SK35(Y)
Q5,6:2SC733(Y), Q7:2SK19(GR)
Q8:2SA495(Y), Q9:3SK41(L)
D1,2:1S1007, D3,4:1S1587, D5,6:1N60
D7,9,12:1S1555, D11:WZ-090

AF UNIT (X49-0008-01)

Q1,6:2SC733(Y), Q2:2SC734(Y)
Q3:2SD90(O), Q4:2SB481(I,J)
Q5:2SC1000(GR), D1,2:1N60, D3:1S1555
D4:WZ-130
D5:VO6B

NB UNIT (X54-1080-10)

Q1:3SK22(GR), Q2:2SK19(GR), Q3,4,7:2SC460(B)
Q5,6:2SC733(Y), D1~4:1S1587, D5,6:1N60, D7:MV-13

CAR UNIT (X50-0009-01)

Q1,2:2SC460(B)
D1~4:1S1555

VFO UNIT (X40-10

INDICATOR UNIT (X54-1280-00)

D1~3:SEL-103W

Q1~4,6,7:2SC373
Q5,8:2SA562(L)
D1~4,6~8:1N60
D5,9:1S1555

S2 FUNCTION
S3-1~10 MODE

SCHEMATIC DIAGRAM

RF UNIT (X44-1200-00)

Q1,2 : 3SK41(L) or 3SK40(L)
Q3 : 3SK35(GR)
Q4 : 3SK22(GR)
Q5,6 : 2SK19(GR)
Q7~9 : 2SC460(B)
Q10 : 2SC1515(K)
Q11 : 2SC733(Y)

D1~3,13 : WZ090
D4,11,12 : 1S2588
D5,6,16 : 1S1587
D7,10,17 : 1S1555
D8,9,14,15 : VO6B
V1 : 12BY7A

V1,2 : S2001A

FINAL UNIT (X56-1200-00)

RECTIFIER UNIT (X43-1090-02)

AC100V 50/60HZ
AC SELECT
S17
FUSE 6A
FUSE 2A
DC 13.8V .9A
EXT VFO
REMOTE

D1~6 : VO8J
D7 : VO6E
D8~11 : VO3C

: 2SC373, D1 : 1N60

X VERTER OUT
ANT
EXT REC ANT
REC ANT
REC ANT SW
NORMAL
RF ATT
X VERTER IN
X VERTER SW
X VERTER
OFF
ON

VFO
HET
CAR

3SK22 (Y) or (GR)
2SK19 (Y) (GR)
2SC460 (B)
2SC458 (B)
2SC1515 (K)
2SC372
2SC373
2SC735
2SC733 (Y)
2SA495 (Y)
2SC734 (Y)
2SC1000 (GR)
2SA562 (Y)
3SK41 (L)
3SK35 (GR)
3SK35 (Y)
2SK30 (O)
2SC945 (R)
2SB481 (I, J)
2SD90 (Y) or (G)
C (case)
2SA606