

TS-520 BLOCK DIAGRAM (FIGURE 12)

TABLE 1. CARRIER FREQUENCY

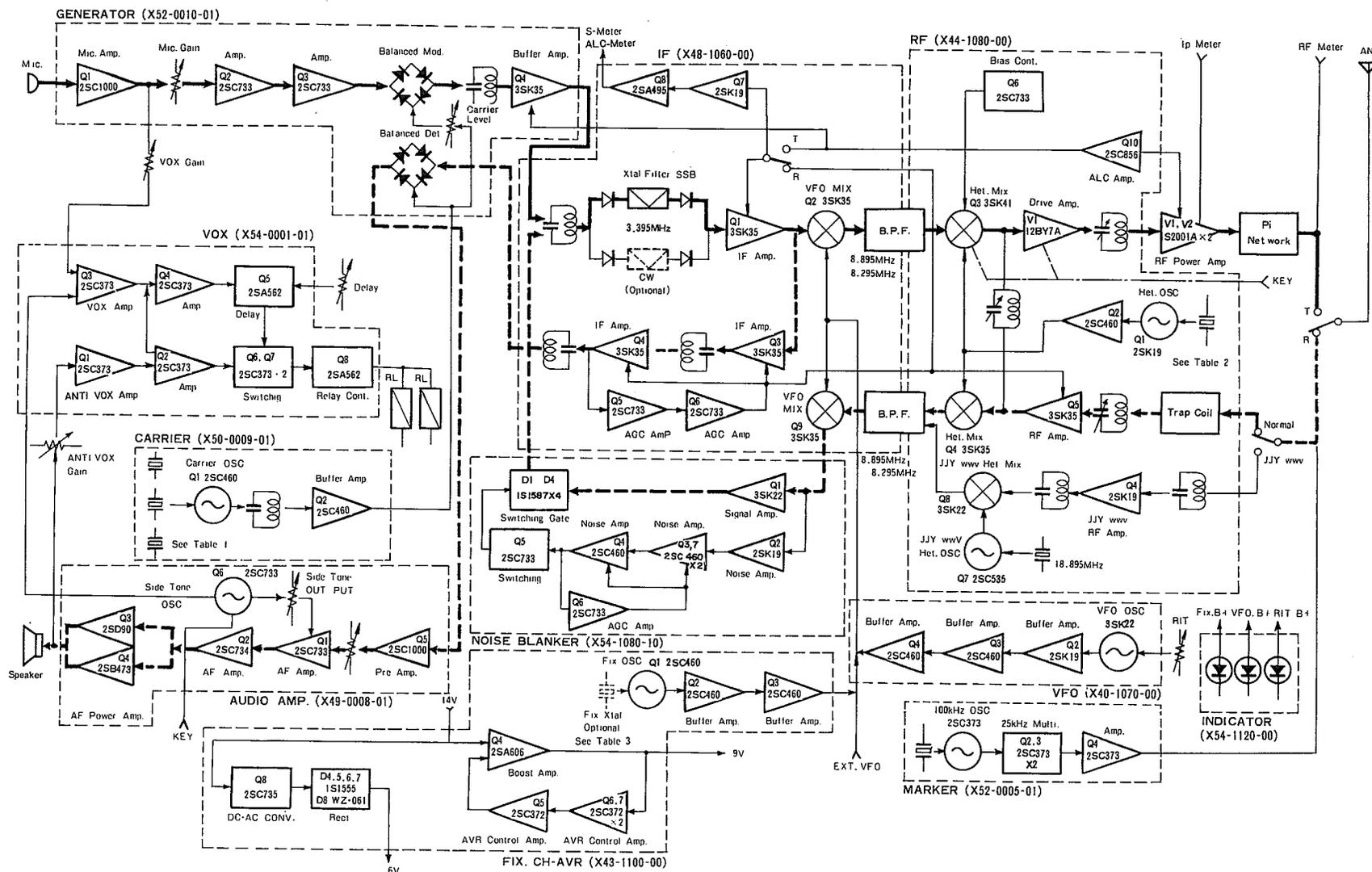
MODE	RECEIVE	TRANSMIT
L S B	3.3935MHz	3.3935MHz
U S B	3.3965M	3.3965
C W	3.3943	3.3950

TABLE 2. HET FREQUENCY

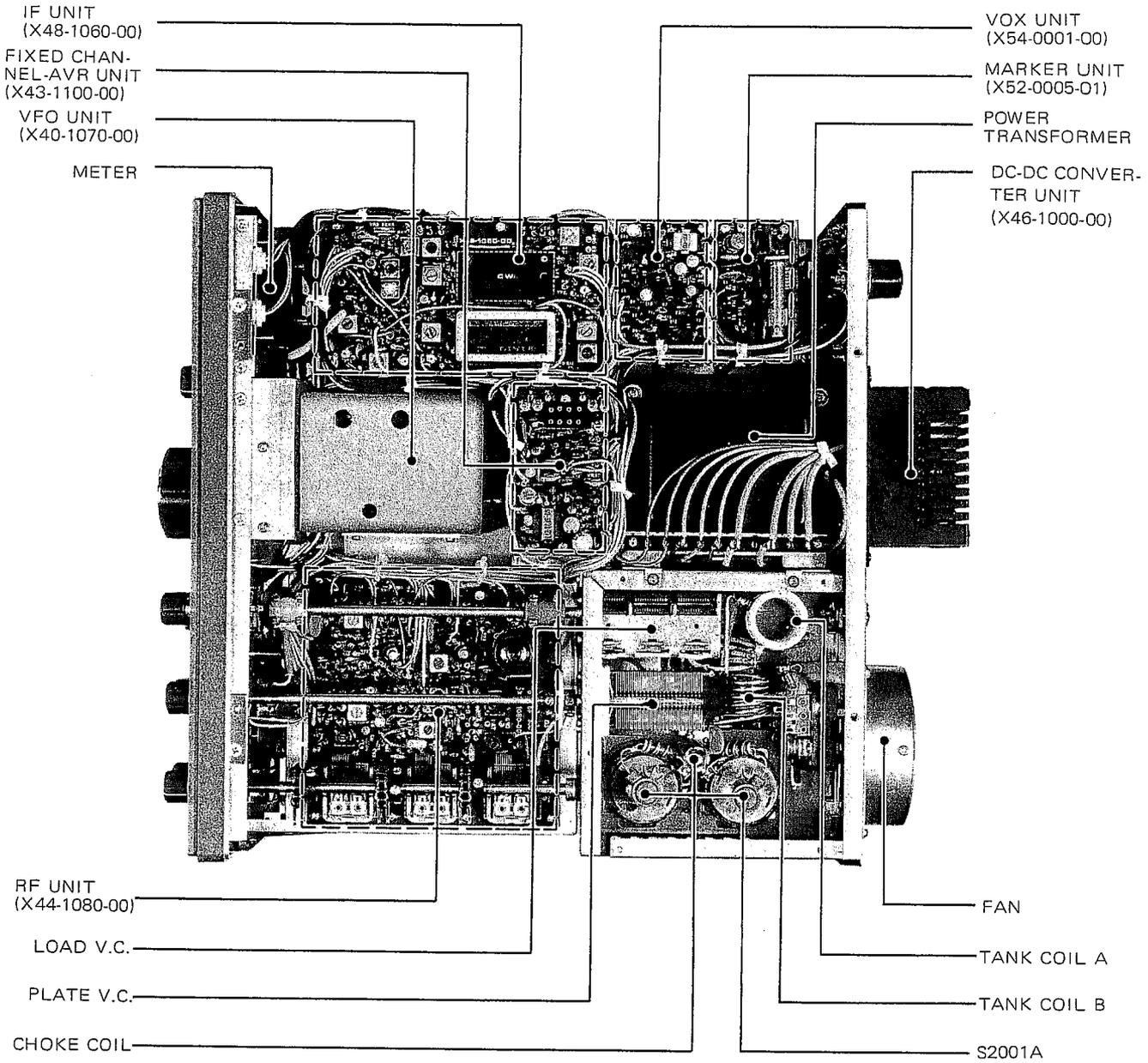
BAND	FREQ.	BAND	IFREQ.
3.5MHz	12.395MHz	28 MHz	36.895MHz
7	15.895	28.5	37.395
14	22.895	29.1	37.995
21	29.895		

TABLE 3. FIX X'tal

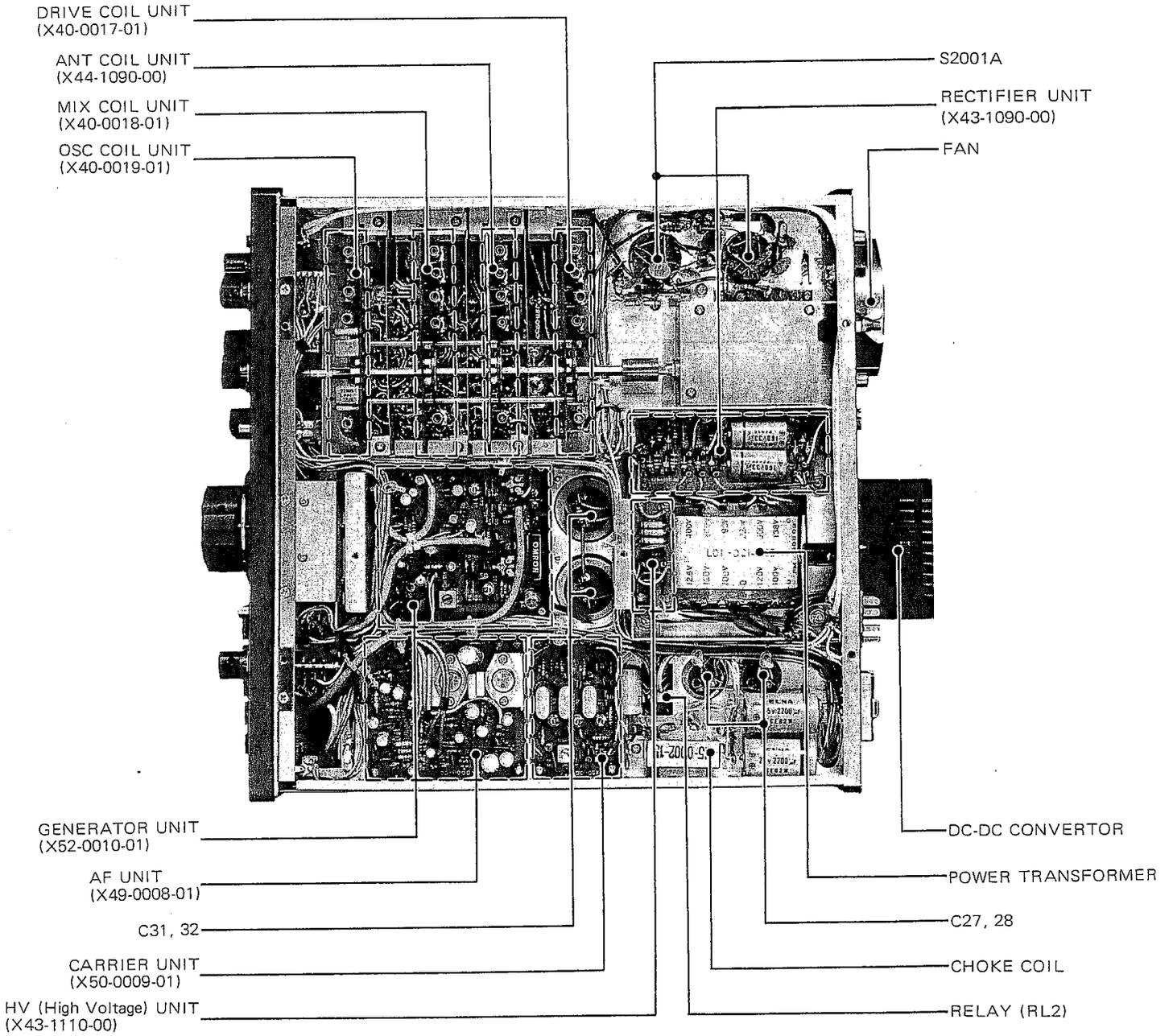
TYPE	HC-25U
FREQ.	5.5~4.9MHz



TOP VIEW OF THE TS-520 (FIGURE 34)



BOTTOM VIEW OF THE TS-520 (FIGURE 35)



PARTS ALIGNMENT

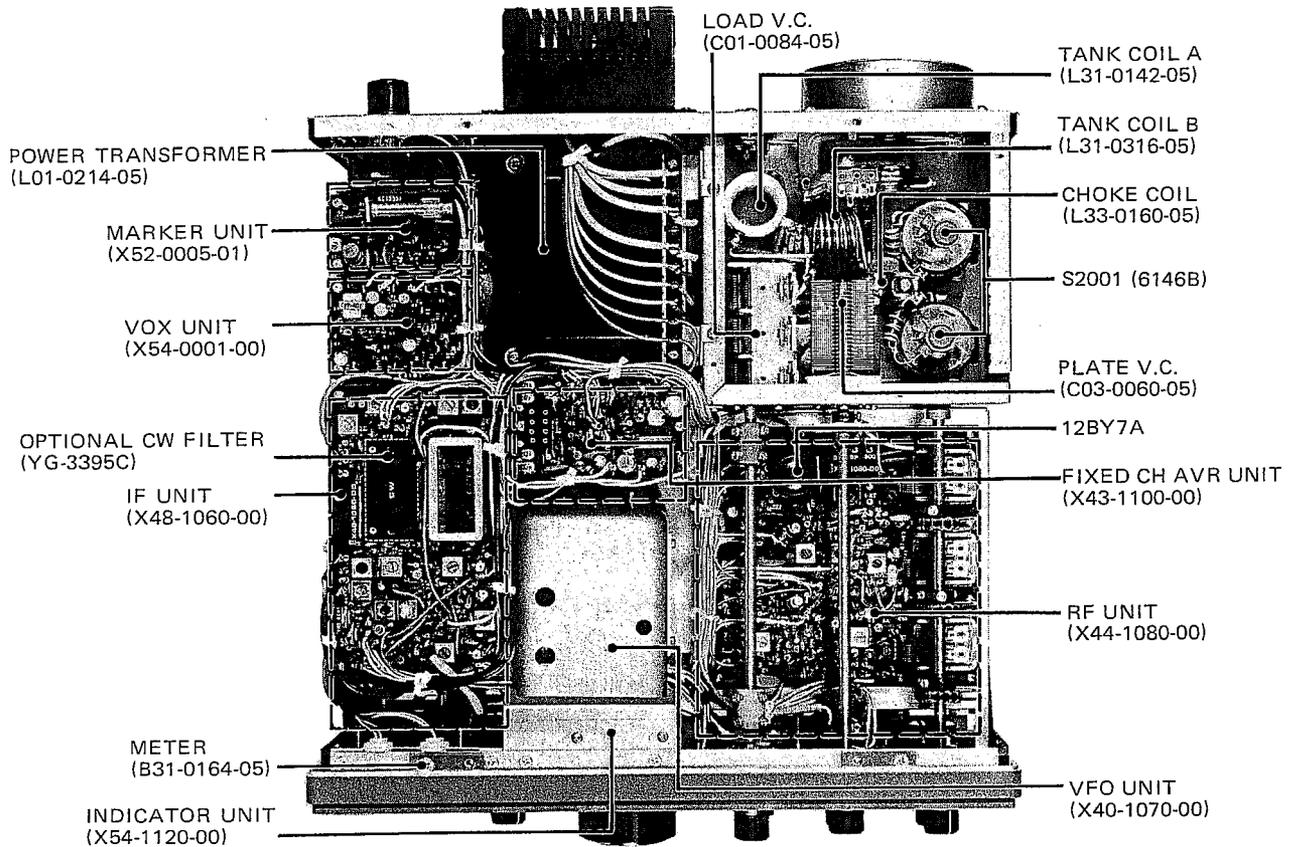


Figure 4. TS-520 TOP VIEW PARTS

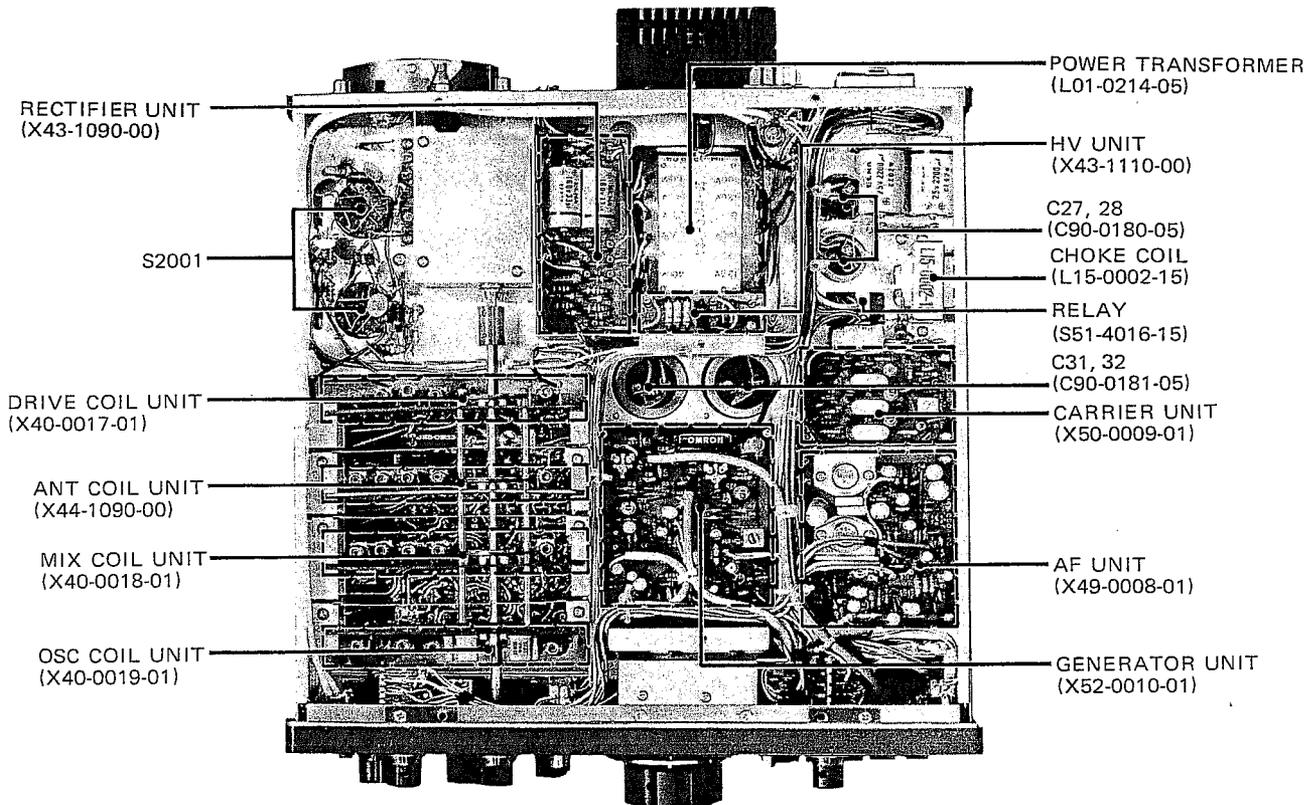
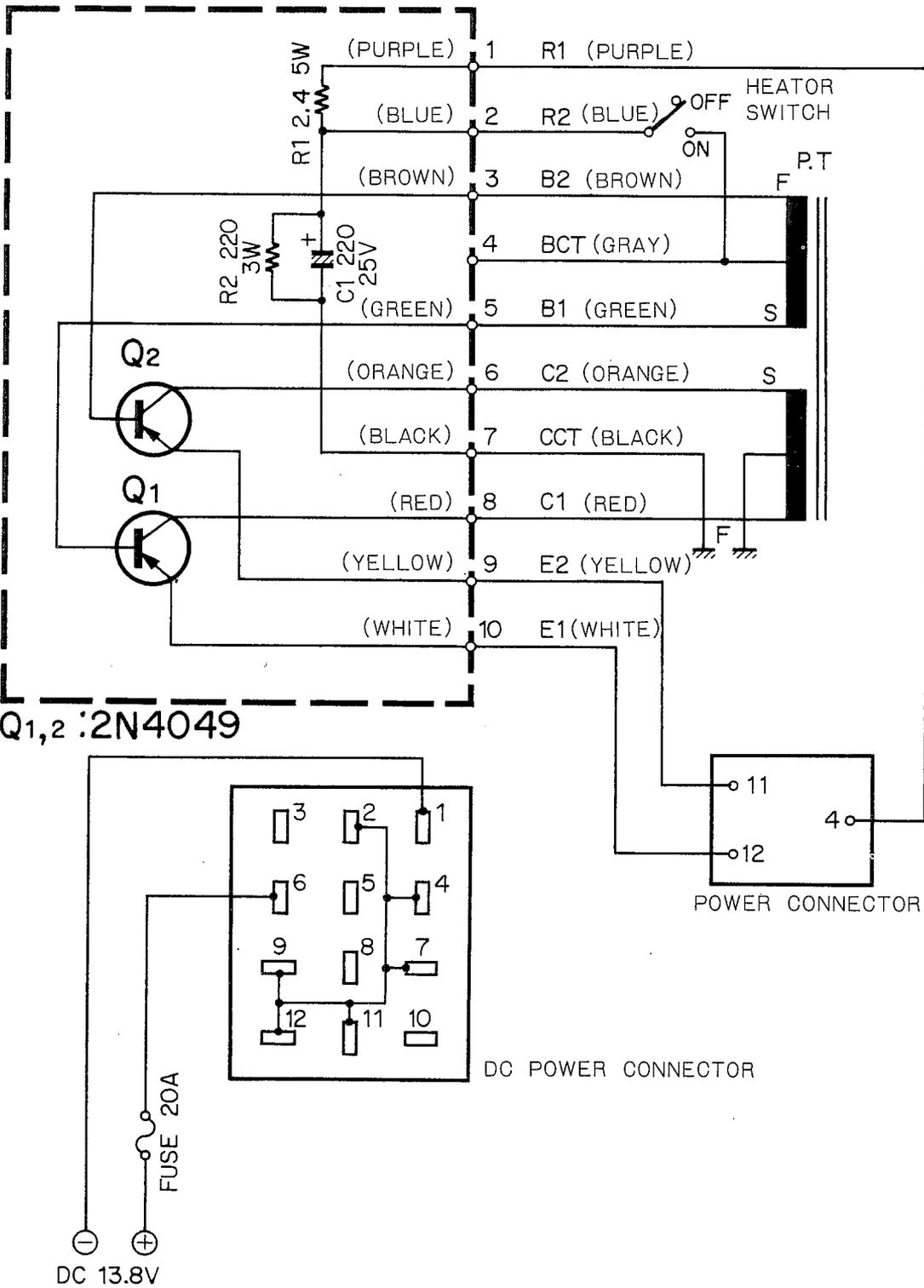


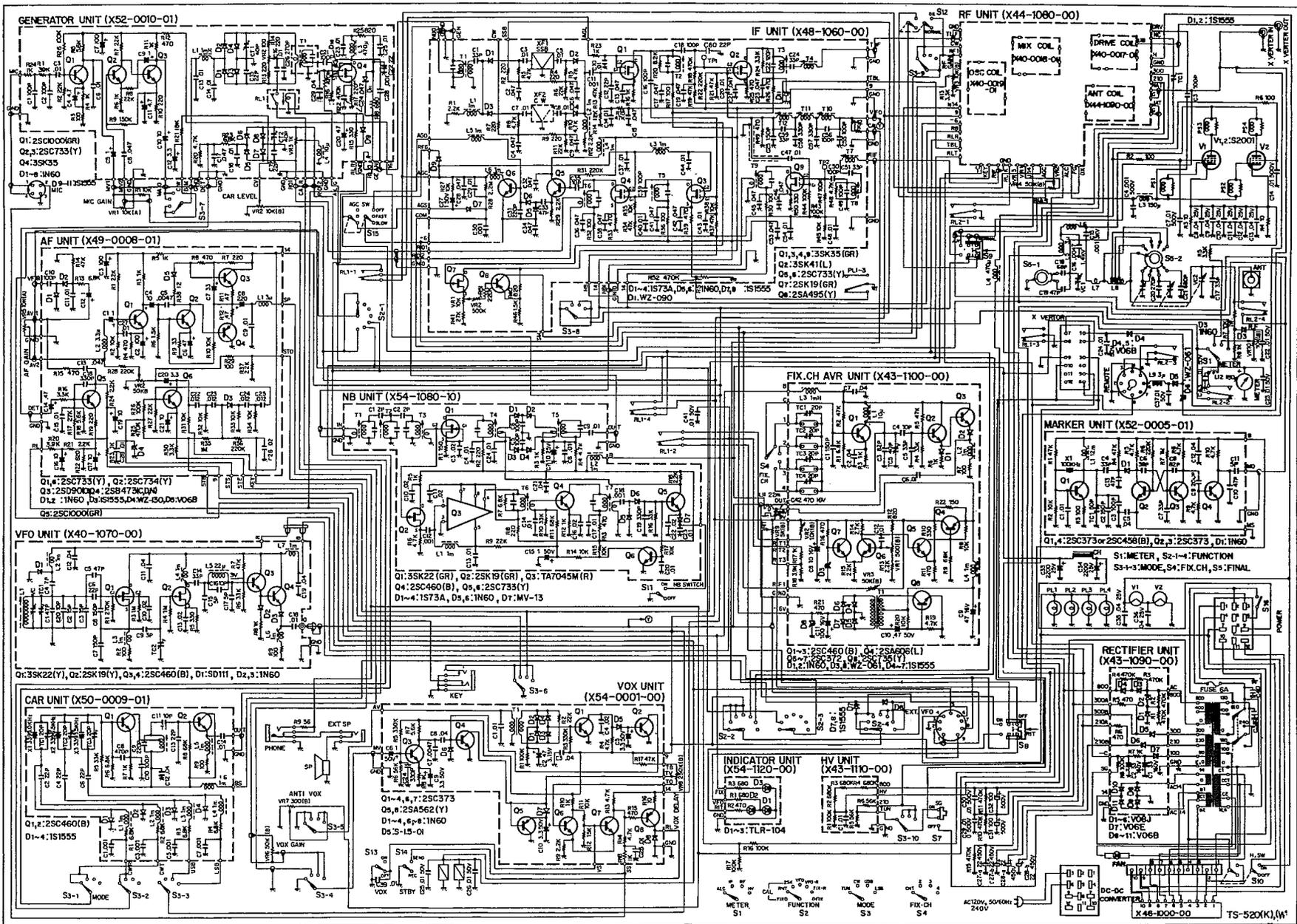
Figure 5. TS-520 BOTTOM VIEW PARTS

DC TO DC MODULE SCHEMATIC (FIGURE 36)

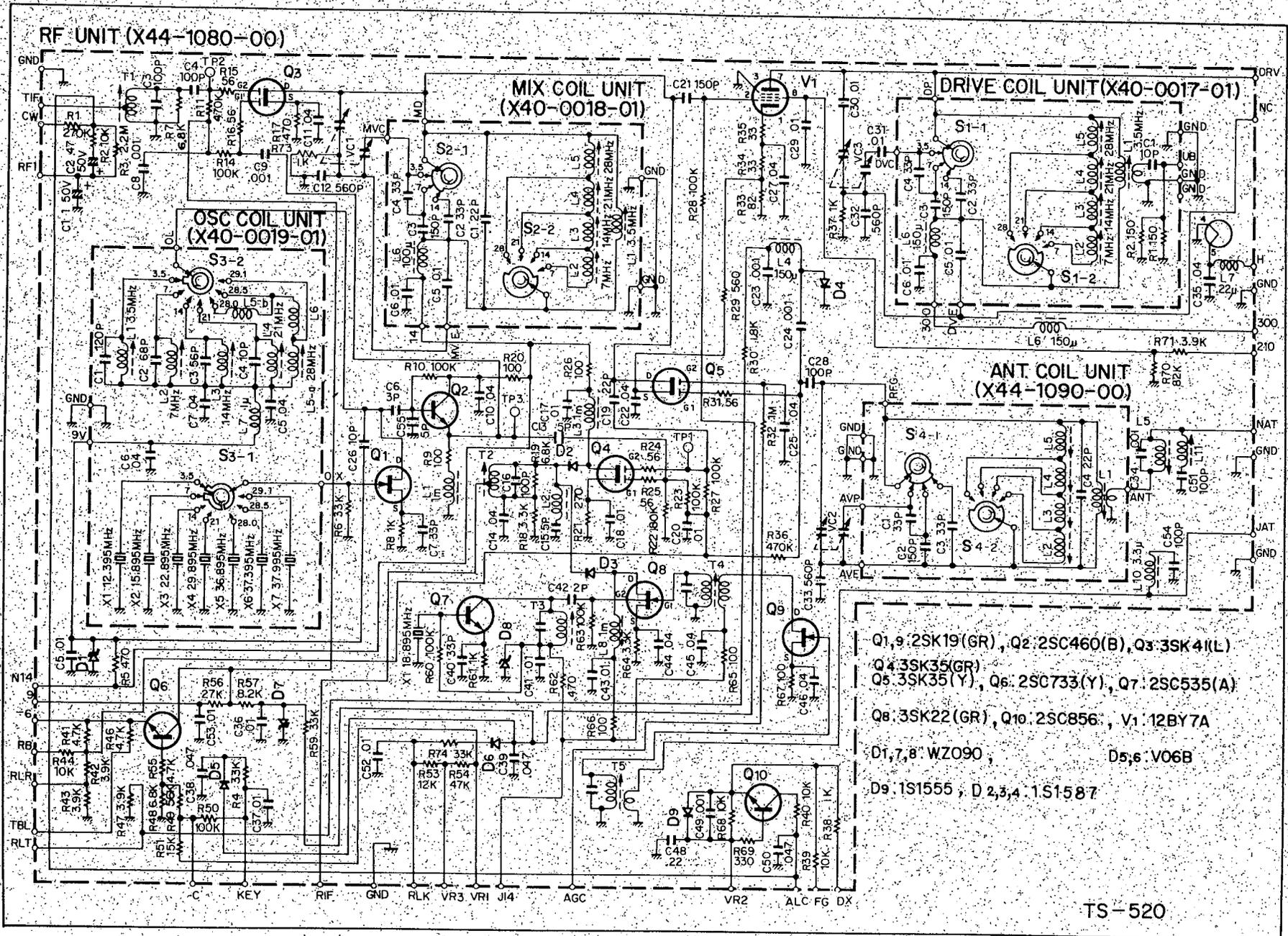
DC-DC CONVERTER UNIT
(X46-1000-00)



SCHEMATIC DIAGRAM (TS-520)



RF SECTION SCHEMATIC (FIGURE 37)



- Q1, 9: 2SK19 (GR), Q2: 2SC460 (B), Q3: 3SK4 (IL)
- Q4: 3SK35 (GR)
- Q5: 3SK35 (Y), Q6: 2SC733 (Y), Q7: 2SC535 (A)
- Q8: 3SK22 (GR), Q10: 2SC856, V1: 12BY7A
- D1, 7, 8: WZ090, D5, 6: V06B
- D9: 1S1555, D 2, 3, 4: 1S1587