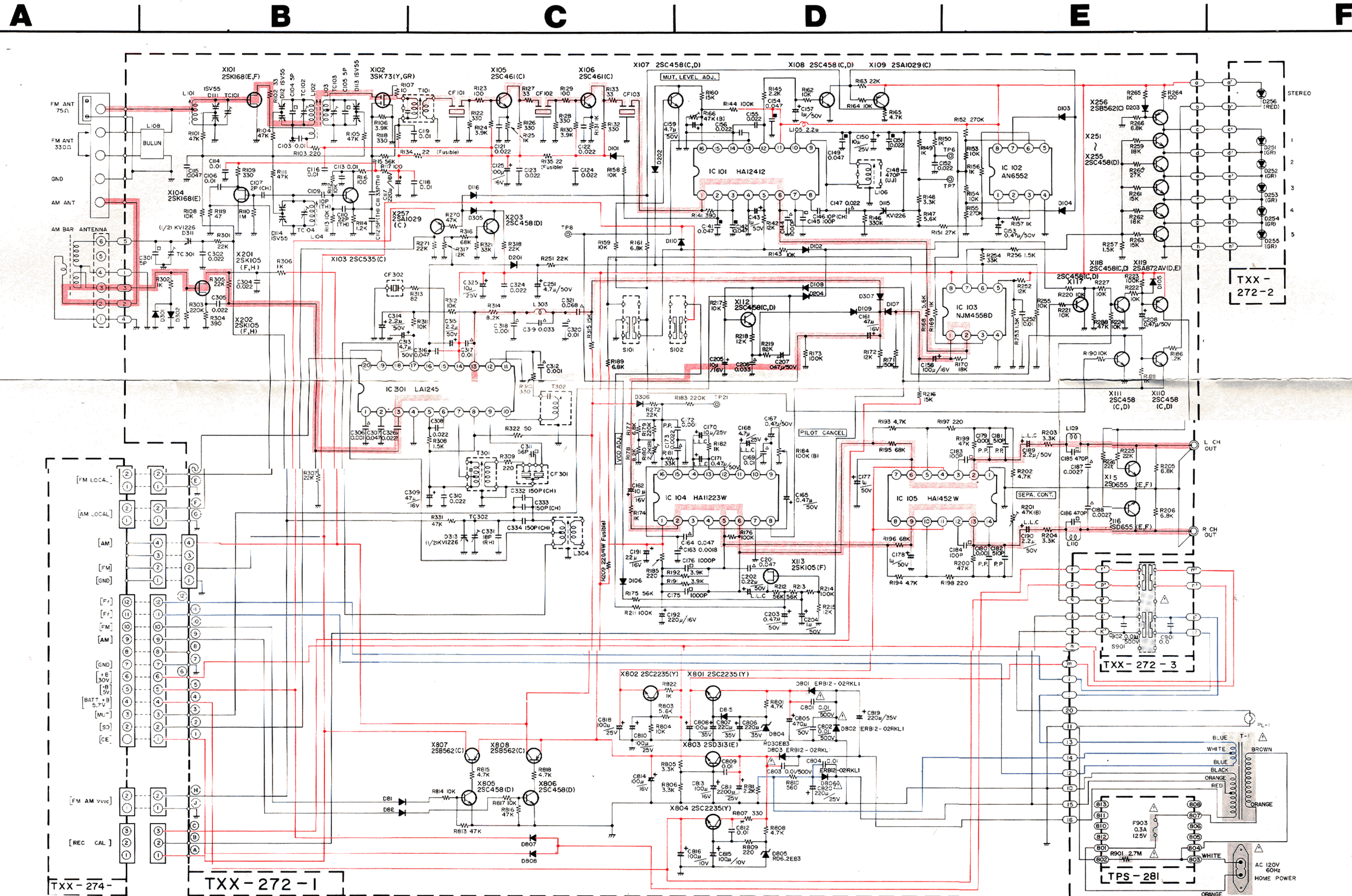


# 10. T-X6 Schematic Diagram

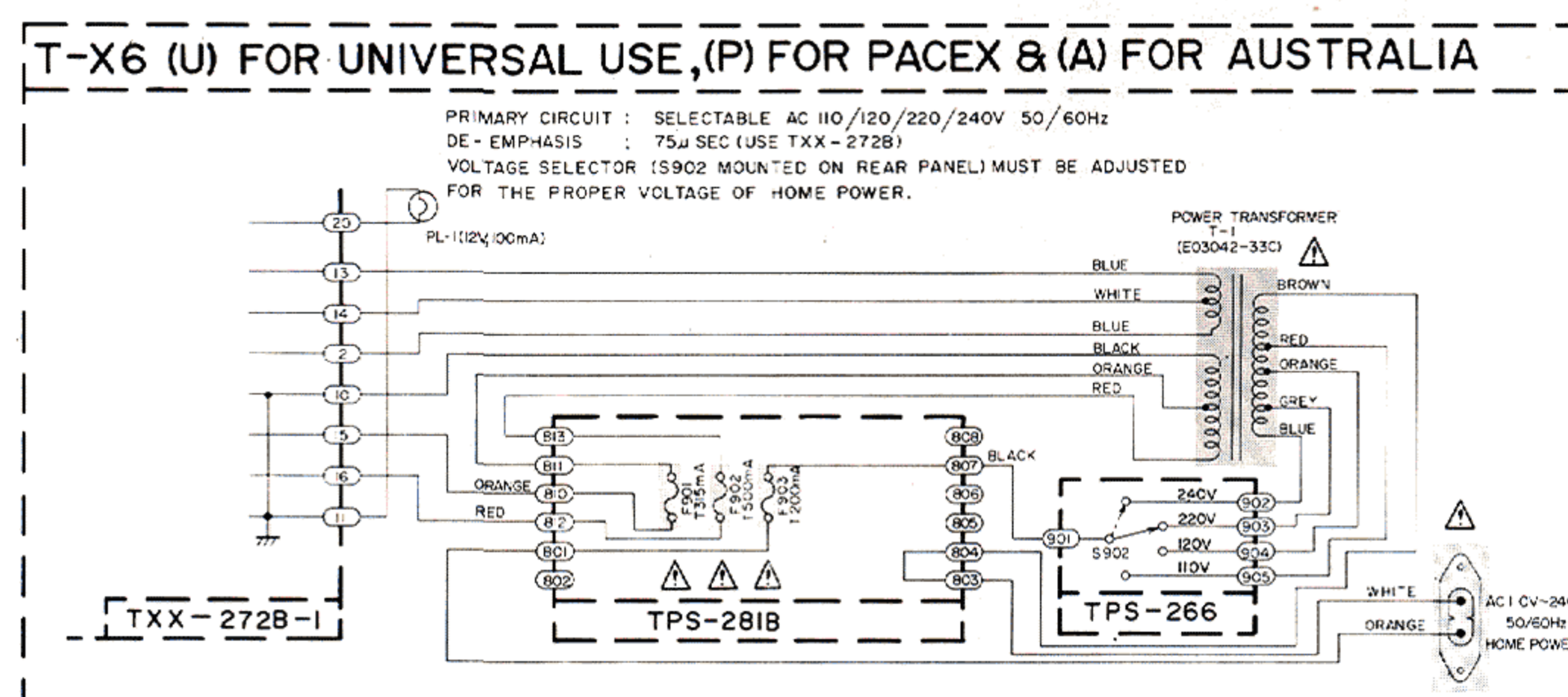
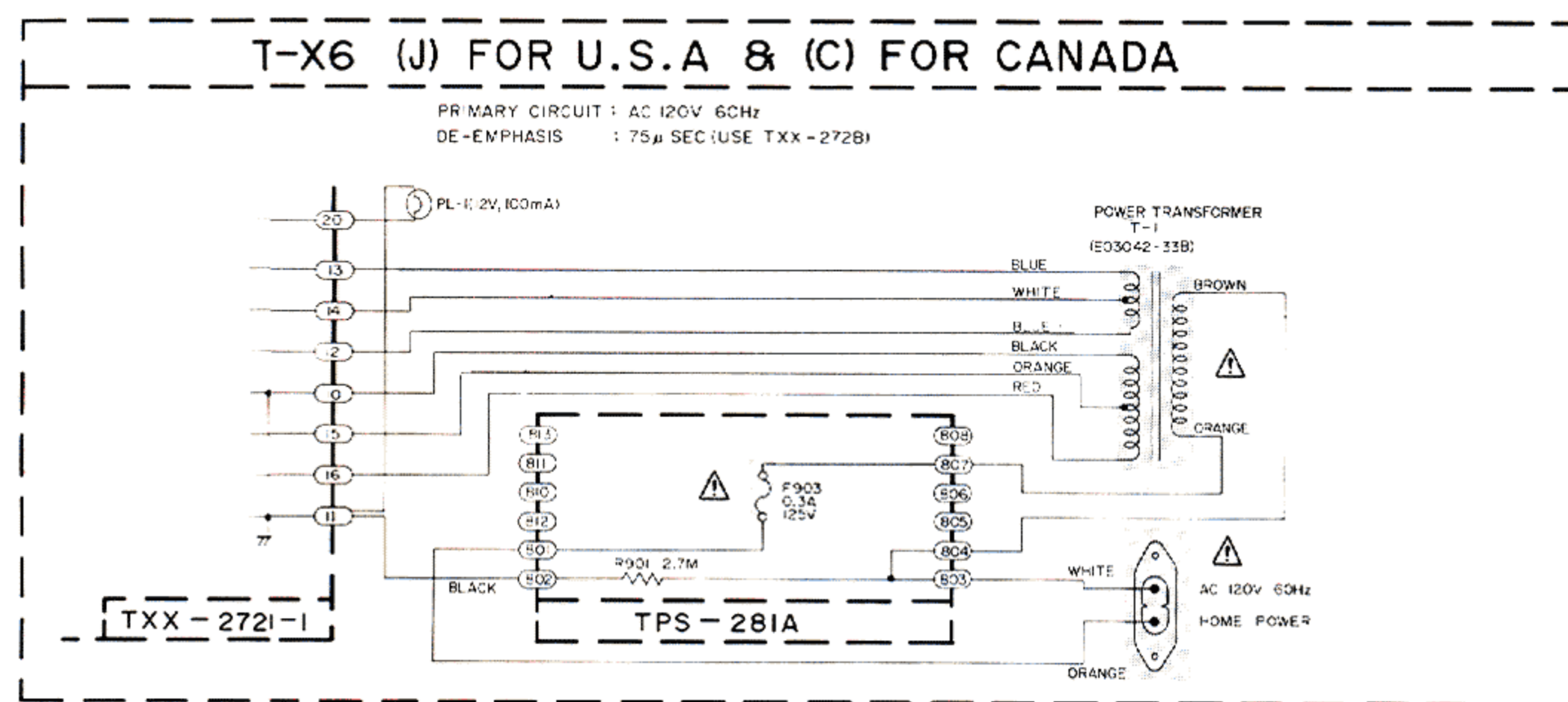


### CAUTION

The schematic diagram shown above is for U.S.A. and Canada. The primary circuit are different from the diagram for Other Countries therefore please use the proper schematic diagram shown on next page.

### NOTE

- NON MARK RESISTOR 1/4W CARBON(J)
- \* 1/2W UNFLAMMABLE(J)
- NON CAPACITOR 50V CERAMIC(YZ)
- " " 50V " (S)(J)
- " " 25V " (BC)(M)
- △ " " 50V MYLAR(K)
- ▲ " " E CAPACITOR (A)
- " " (L)(C)
- " " POLYPROPYLENE CAPACITOR(J)
- " " NON POLAR CAPACITOR



### Notes:

1. — indicates +B power supply.
2. — indicates -B power supply.
3. — indicates signal path.
4. When replacing the parts in the darkened area and those marked with △ be sure to use the designated parts to ensure safety.
5. This is the standard circuit diagram. The design and contents are subject to change without notice.

### Printed Circuit Board Ass'y Locations

P.C. Board Ass'y	Description	Page
TXX-272	FM/AM Tuner and Power Supply P.C. Board Ass'y	10
TXX-274	PLL Synthesizer and Control P.C. Board Ass'y	15
TPS-281	Fuse P.C. Board Ass'y	17
TPS-266	Voltage Selector P.C. Board Ass'y (except U.S.A. & Canada)	17

A

B

C

D

E

F

1

1

2

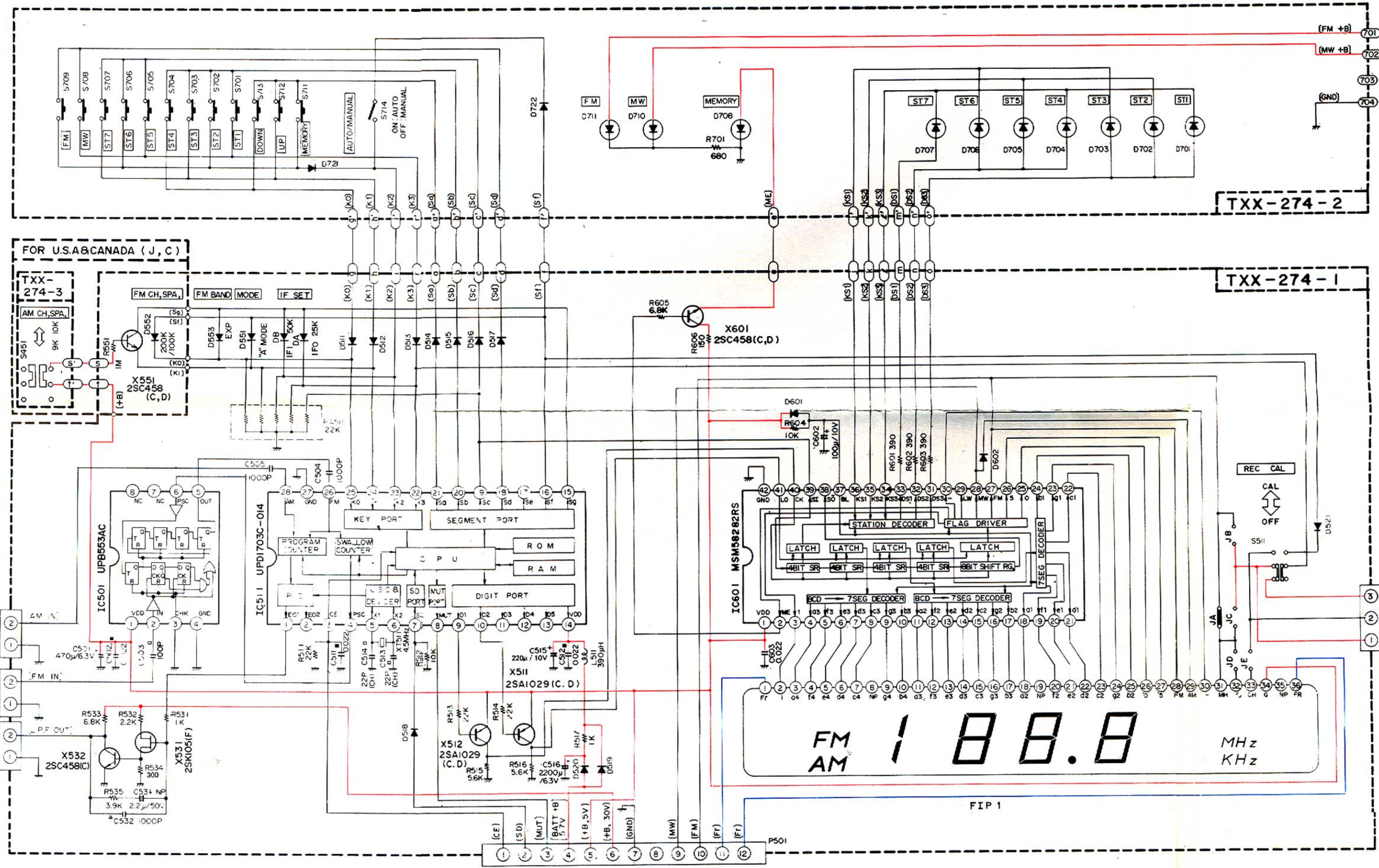
2

3

3

4

4



**IC PIN VOLTAGE (V)**

PIN NO	IC601 MSM 58282RS	IC511 JPD 1703-014	IC501 UPB 553C
1	4.9	0.8	4.9
2	0	0	3.7
3	1.3	5.0	0
4	4.2	0.2	0
5	4.2	0.1	3.4
6	4.2	2.1	0.2
7	4.2	0	0
8	4.2	0	0
9	4.2	4.8	
10	4.2	4.8	
11	4.2	4.8	
12	4.2	4.8	
13	4.2	4.8	
14	4.2	5.0	
15	4.2	0	
16	4.2	1.0	
17	4.2	0	
18	4.2	0.8	
19	4.2	0.9	
20	4.2	1.0	
21	4.2	1.0	
22	4.2	0	
23	-0.5	0	
24	4.2	0.9	
25	-0.7	0	
26	-0.5	0.2	
27	3.6	0	
28	-2.6	3.3	
29	-2.6		
30	-1.0		
31	4.0		
32	0		
33	0		
34	0.3		
35	0.5		
36	0.5		
37	3.2		
38	0		
39	0		
40	0		
41	0		
42	0		

NOTE: STATION SWITCH IS SELECTED ST-1 (FM, 88.00MHZ)  
 AUTO OR MANUAL SWITCH IS SELECTED MANUAL.  
 REC LEVEL SWITCH IS SELECTED OFF.

**USED JAMPER**

JA	JB	JC	JD	JE
ON	OFF	OFF	OFF	OFF

**IF SET DIODE (DA DB)**

DA	DB	IF FREQ.(MHz)	USED C, FILTER
OFF	OFF	10.700	RED
OFF	ON	NON USE	
ON	OFF	10.725	ORG
ON	ON	10.675	BLU

(NOTE)

- RESISTOR  
 NON MARK 1/4W CARBON (J)
- CAPACITOR  
 NON MARK 50V CERAMIC (YZ)  
 50V CERAMIC (SU)(J)  
 25V CERAMIC (BO)(M)  
 50V MYLAR (K)  
 E. CAPACITOR (A)  
 NON POLAR E. CAPACITOR

**KEY MATRIX**

	K3	K2	K1	K0
Sa		MEMORY	UP	DOWN
Sb	ST 1	ST 2	ST 3	ST 4
Sc	ST 5	ST 6	ST 7	
Sd	AM	FM		
Se				
Sf	REC LEVEL ON/OFF(SW)	AUTO/MANUAL ON/OFF(SW)	MODE A/B (DSB)	FM CH. SPA, 100K/200K (DSB)
Sg	IF SET IFO (DA)	IF SET IFI (DB)	AM CH. SPA, 9K (S45)	FM BAND EXP JAP(D553)

