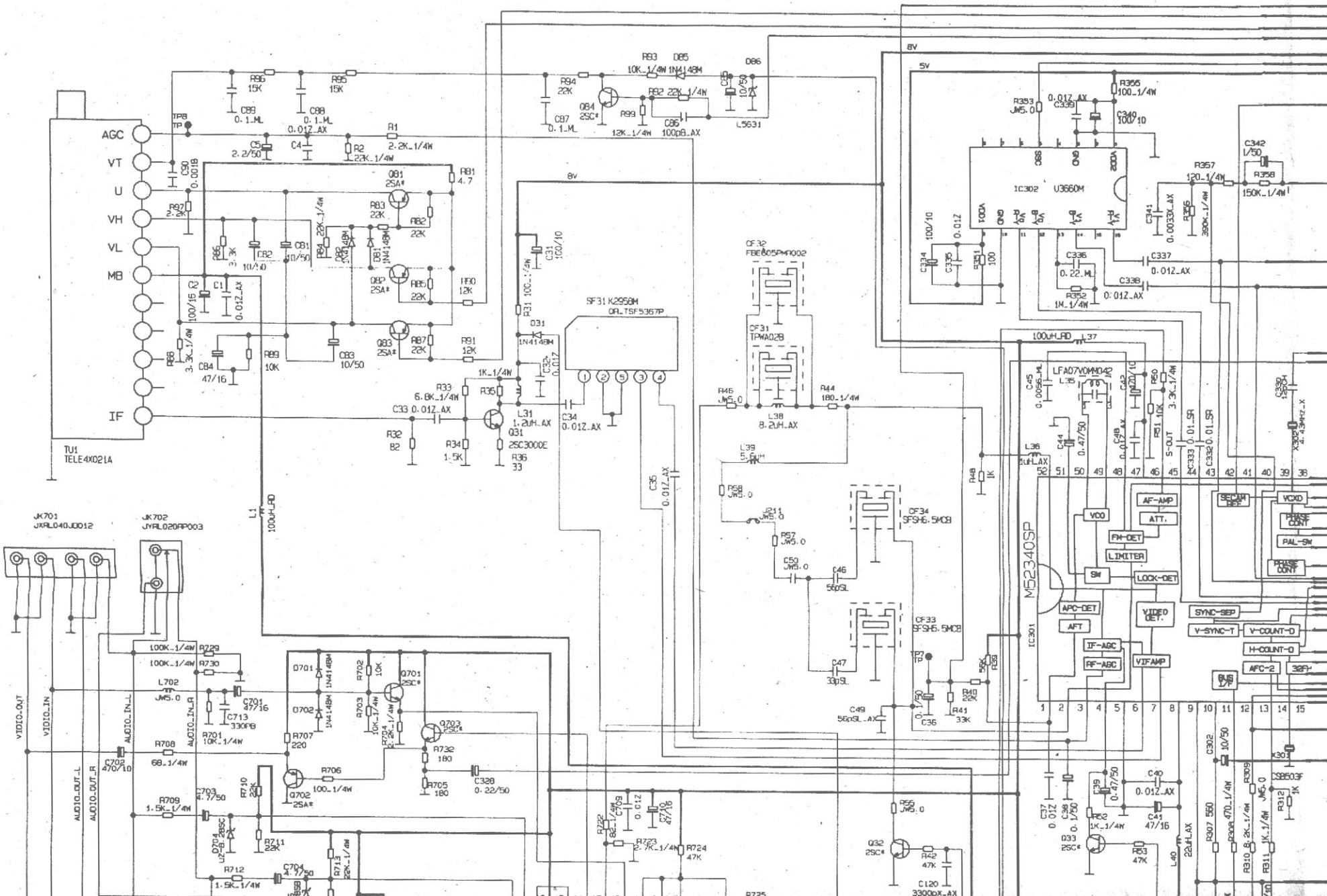
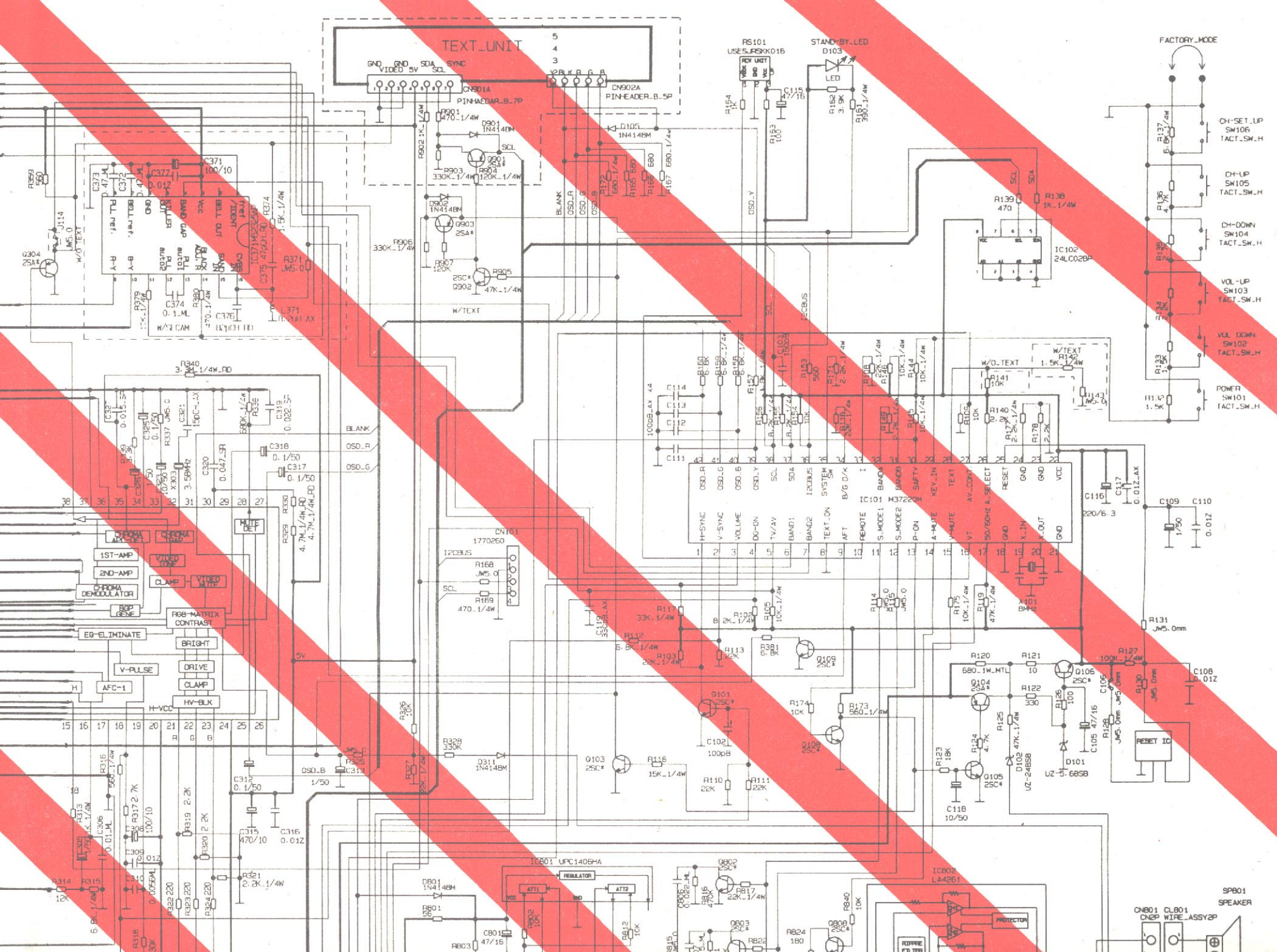


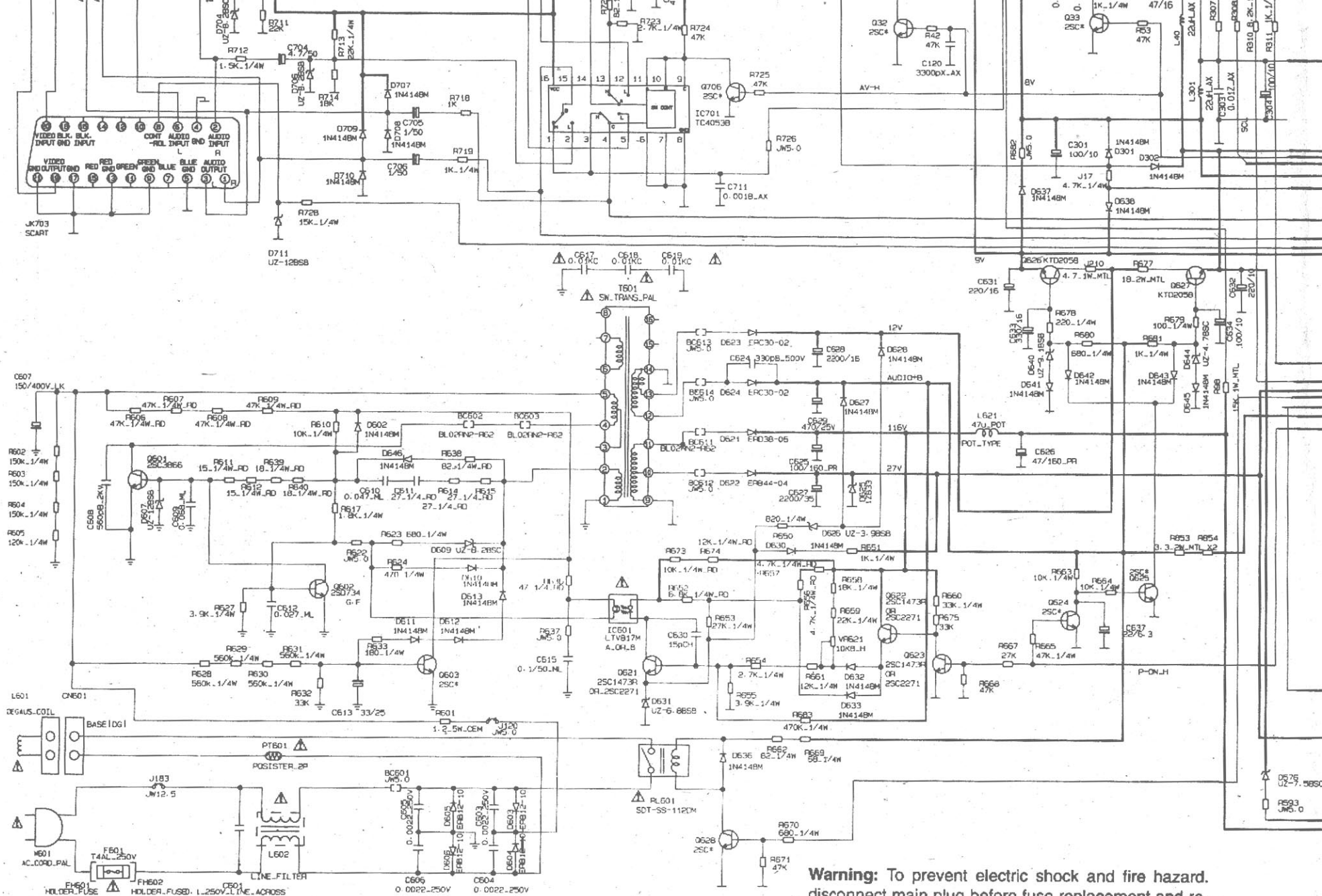


FUNAI TV-2100A MK10 HYPER

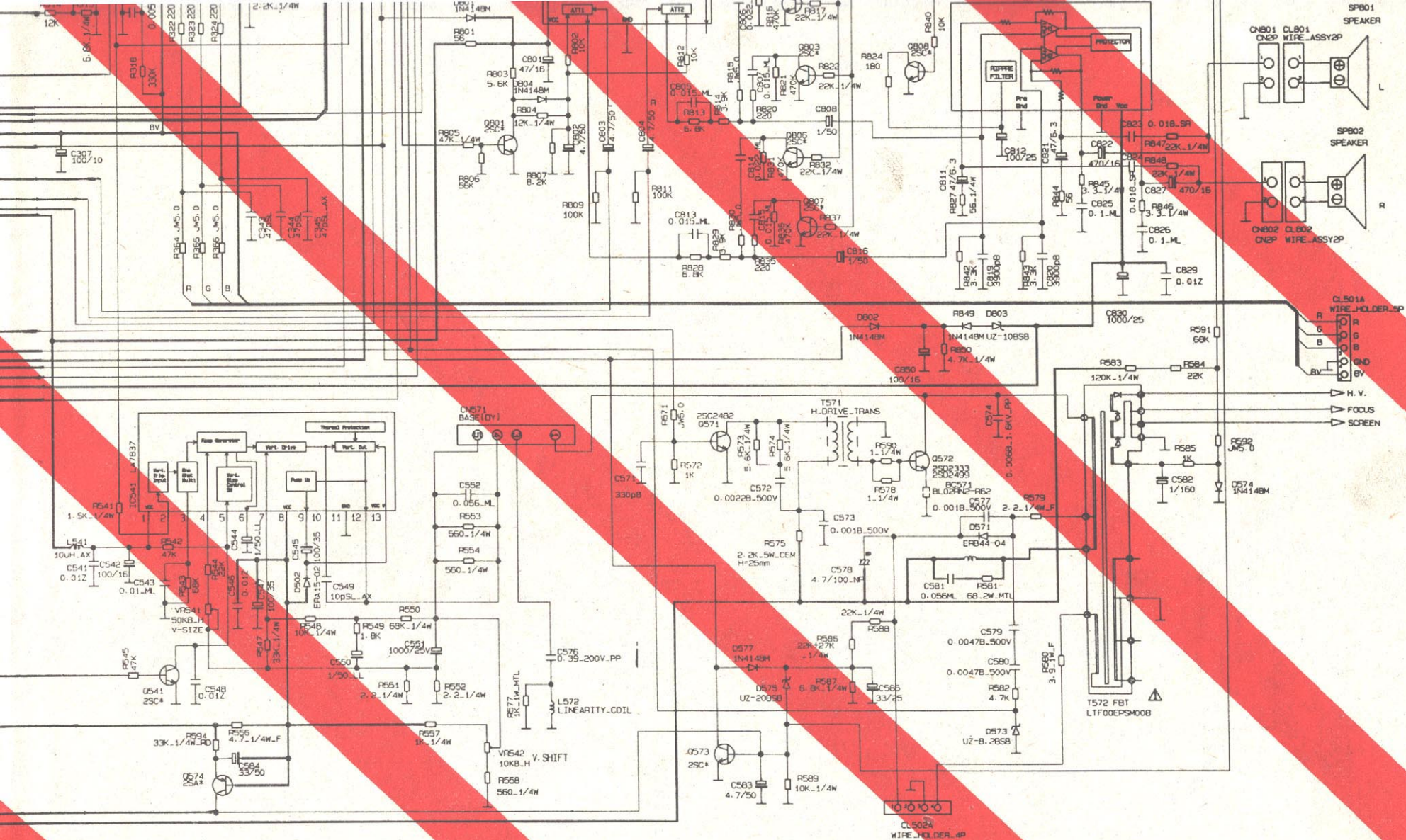
Main Schematic Diagram







Warning: To prevent electric shock and fire hazard, disconnect main plug before fuse replacement and replace only with marked. (Fuse : T4AL 250V/T4AH 250V)



NOTE:

CHASSIS SCHEMATIC DIAGRAM NOTES.

1. ALL RESISTOR VALUES ARE IN OHMS. K=1000. M=1000K.
2. ALL CAPACITANCE VALUES ARE IN UF. UNLESS OTHERWISE NOTED. PF=100F.
3. SAFETY REQUIREMENTS COMPONENT IN ACCORDANCE WITH PRESENT SAFETY REGULATIONS. THESE COMPONENTS MUST ONLY BE REPLACED BY ORIGINAL PARTS.
4. IS. COLD GROUND.

5. IS. HOT GROUND.

6. WAVEFORM READINGS

7. NO. INDICATED. 2SC1 ARE KTC3199.

8. NO. INDICATED. 2SA1 ARE KTA1267.

9. NO. INDICATED. DIODES ARE 1N4148.

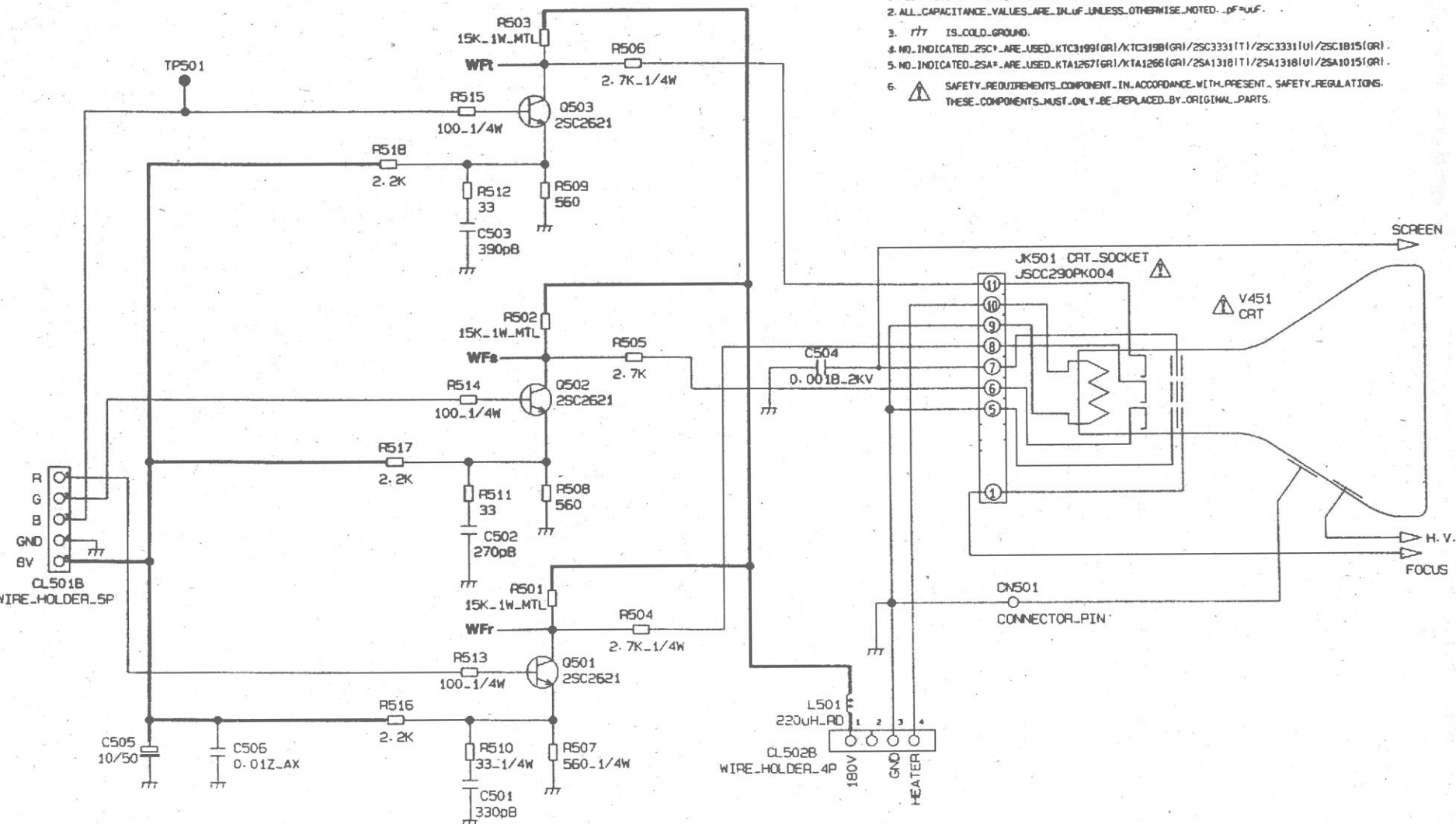
TURUTA

CRT Schematic Diagram

NOTES:

CHASSIS SCHEMATIC DIAGRAM NOTES:

1. ALL RESISTOR VALUES ARE IN OHMS. K=1000. M=1000K.
2. ALL CAPACITANCE VALUES ARE IN UF UNLESS OTHERWISE NOTED. OF=0UF.
3. r/r IS COLD GROUND.
4. NO INDICATED 2SC* ARE USED. KTC3199(GR)/KTC3198(GR)/2SC3331(TI)/2SC3331(UI)/2SC1815(GR).
5. NO INDICATED 2SA* ARE USED. KTA1267(GR)/KTA1266(GR)/2SA1318(TI)/2SA1318(UI)/2SA1015(GR).
6.  SAFETY REQUIREMENTS COMPONENT IN ACCORDANCE WITH PRESENT SAFETY REGULATIONS. THESE COMPONENTS MUST ONLY BE REPLACED BY ORIGINAL PARTS.



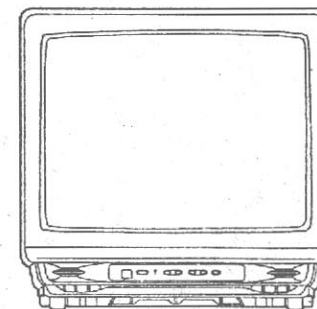
VOLTAGE CHART

(Unit: Volt)

Pin No.	IC101	Pin No.	IC101	Pin No.	IC301	Pin No.	IC371
1	3.9	39	0.0	34	1.0	1	1.8
2	4.1	40	0.0	35	3.0	2	1.8
3	0.0	41	0.0	36	2.2	3	8.0
4	0.03	42	0.0	37	0.0	4	4.2
5	3.0	Pin No.	IC301	38	2.4	5	0.01
6	0.03	1	4.0	39	3.3	6	0.0
7	8.0	2	0.0	40	6.6	7	3.8
8	0.0	3	8.3	41	2.3	8	4.2
9	2.3	4	0.4	42	1.5	9	2.2
10	4.4	5	0.0	43	2.3	10	2.3
11	0.0	6	1.4	44	2.9	11	4.1
12	0.02	7	1.4	45	2.9	12	5.0
13	4.7	8	5.0	46	2.6	13	5.0
14	0.0	9	8.3	47	8.4	14	4.2
15	0.0	10	1.4	48	3.0	15	0.6
16	4.0	11	4.3	49	4.1	16	0.0
17	2.6	12	0.6	50	4.1	Pin No.	IC302
18	0.0	13	1.3	51	3.0	1	4.0
19	1.6	14	4.4	52	5.2	2	-----
20	2.1	15	4.2	Pin No.	IC701	3	0.0
21	0.0	16	5.2	1	0.1	4	-----
22	4.8	17	0.0	2	2.9	5	0.6
23	0.0	18	5.9	3	0.1	6	-----
24	0.0	19	8.4	4	0.1	7	-----
25	4.3	20	8.4	5	0.1	8	-----
26	0.0	21	2.8	6	0.0	9	4.7
27	4.7	22	2.7	7	0.0	10	0.0
28	4.7	23	5.0	8	0.0	11	2.6
29	4.7	24	5.0	9	0.0	12	2.6
30	4.7	25	2.3	10	0.0	13	3.0
31	4.7	26	3.4	11	3.6	14	0.5
32	0.0	27	2.3	12	4.8	15	-----
33	0.0	28	7.5	13	4.8	16	0.5
34	0.0	29	2.3	14	3.5		
35	0.0	30	1.7	15	2.9		
36	0.0	31	0.0	16	8.3		
37	4.3	32	3.1				
38	4.3	33	2.4				

TR No.	B	C	E
Q31	1.14	7.0	0.4
Q33	0.62	0.04	0.0
Q81	8.80	0.0	9.0
Q82	8.75	0.0	9.0
Q83	8.80	0.0	9.0
Q84	0.64	0.04	0.0
Q101	0.0	3.8	0.0
Q103	0.0	3.86	0.0
Q104	26.4	6.90	27.0
Q105	5.46	6.70	4.74
Q106	0.67	0.0	0.0
Q107	0.0	4.32	0.0
Q301	0.6	0.03	0.0
Q302	0.02	0.67	0.0
Q304	2.5	0.0	3.09
Q621	7.48	4.60	0.69
Q622	0.10	112.0	4.43
Q623	0.57	0.09	0.0
Q624	0.63	0.06	0.0
Q625	0.06	9.33	0.0
Q626	9.84	13.50	9.20
Q627	5.52	13.50	9.20
Q628	0.06	1.90	0.0
Q701	4.17	8.39	3.60
Q702	4.0	0.0	4.62
Q703	4.65	8.37	3.90
Q704	2.30	0.0	2.98
Q705	1.19	0	1.67
Q706	0.60	0.02	0.0
Q541	0.55	0.03	0.0
Q673	0.0	4.67	0.0
Q574	27.40	0.10	0.0
Q601	112.0	0.21	-0.51
Q602	0.56	0.07	0.0
Q603	-8.40	0.80	0.0

Pin No.	ICS41
1	8.9
2	5.5
3	4.5
4	4.6
5	0.03
6	4.3
7	4.4
8	25.0
9	1.8
10	1.8
11	0.0
12	0.0
13	15.0
14	25.0
Pin No.	IC802
1	9.1
2	0.2
3	19.4
4	0.0
5	0.0
6	0.6
7	9.9
8	0.0
9	19.1
10	18



WAVEFORMS

Input: PAL Color Bar Signal (with 1KHz Audio Signal)
 Receiving Ch.: E2 ch (62.25MHz)
 Preset Mode: Press Picture Select button on the remote control unit, then press the number "1" button.
 (Brightness--Center Color--Center Contrast--Approx 70%)

W/Fa - W/Ft = Waveforms to be observed at
 Waveform check points.
 (Shown in Schematic Diagram.)

