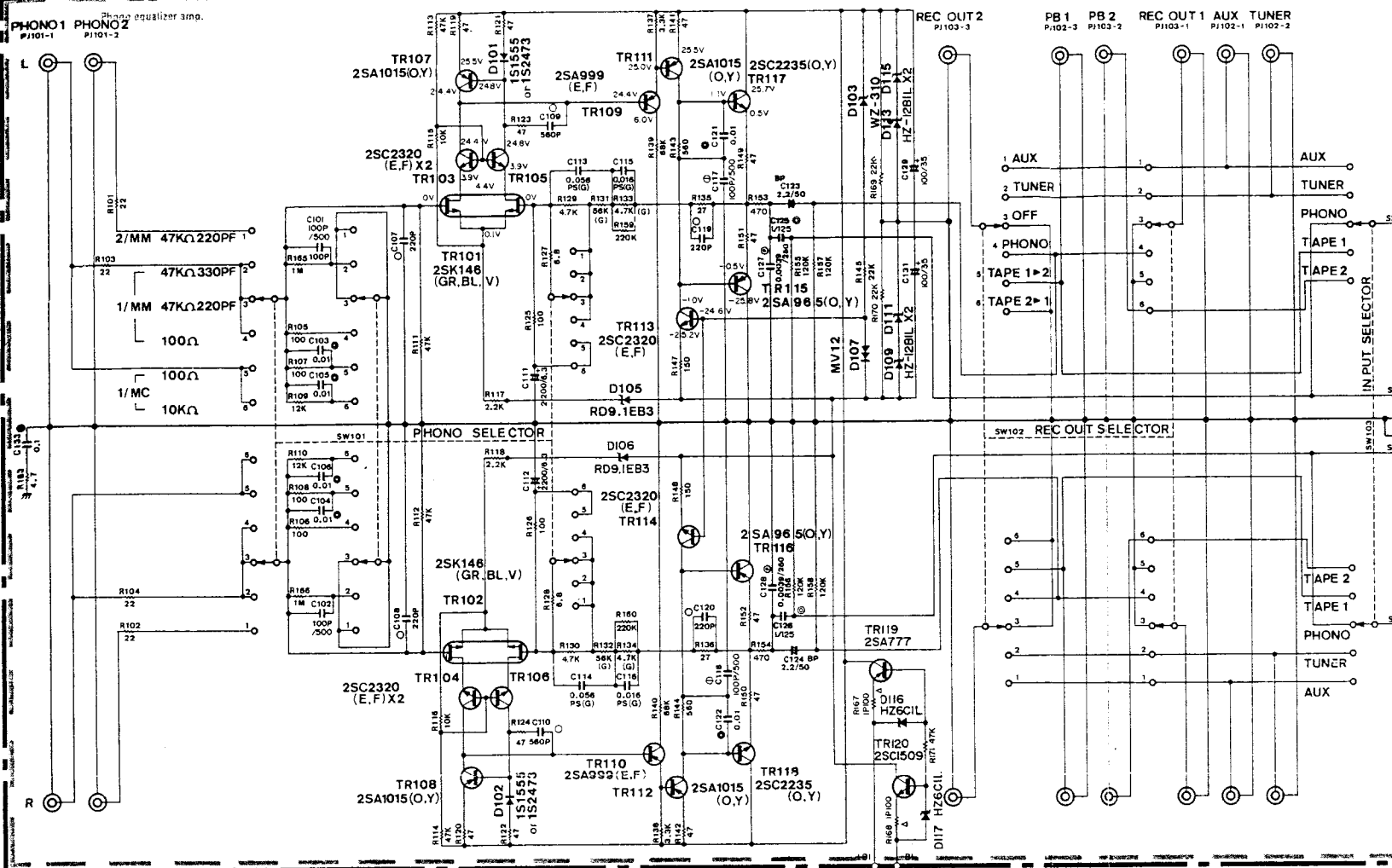


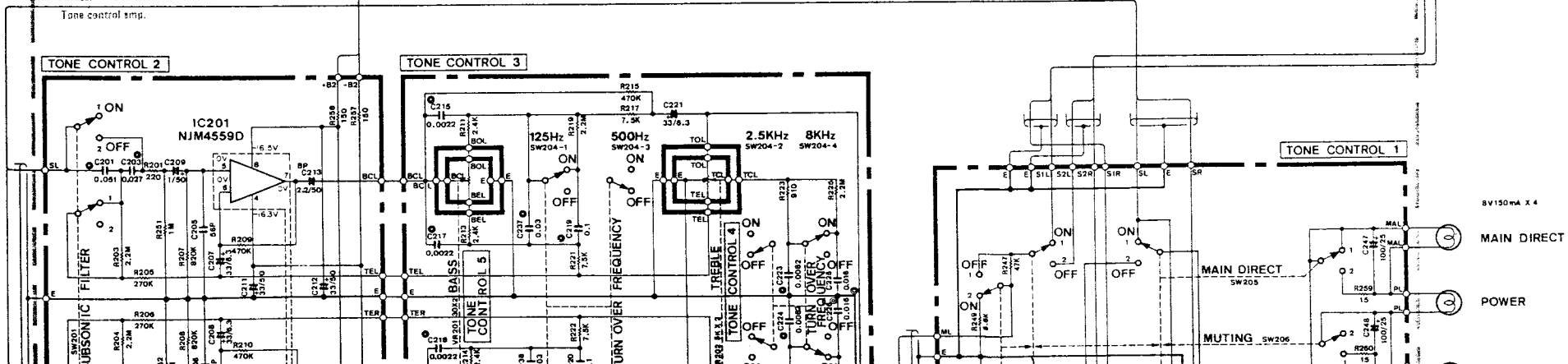
1



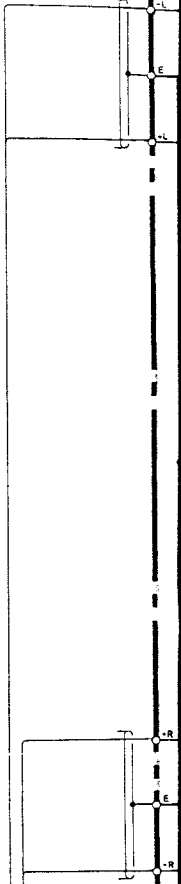
2

3

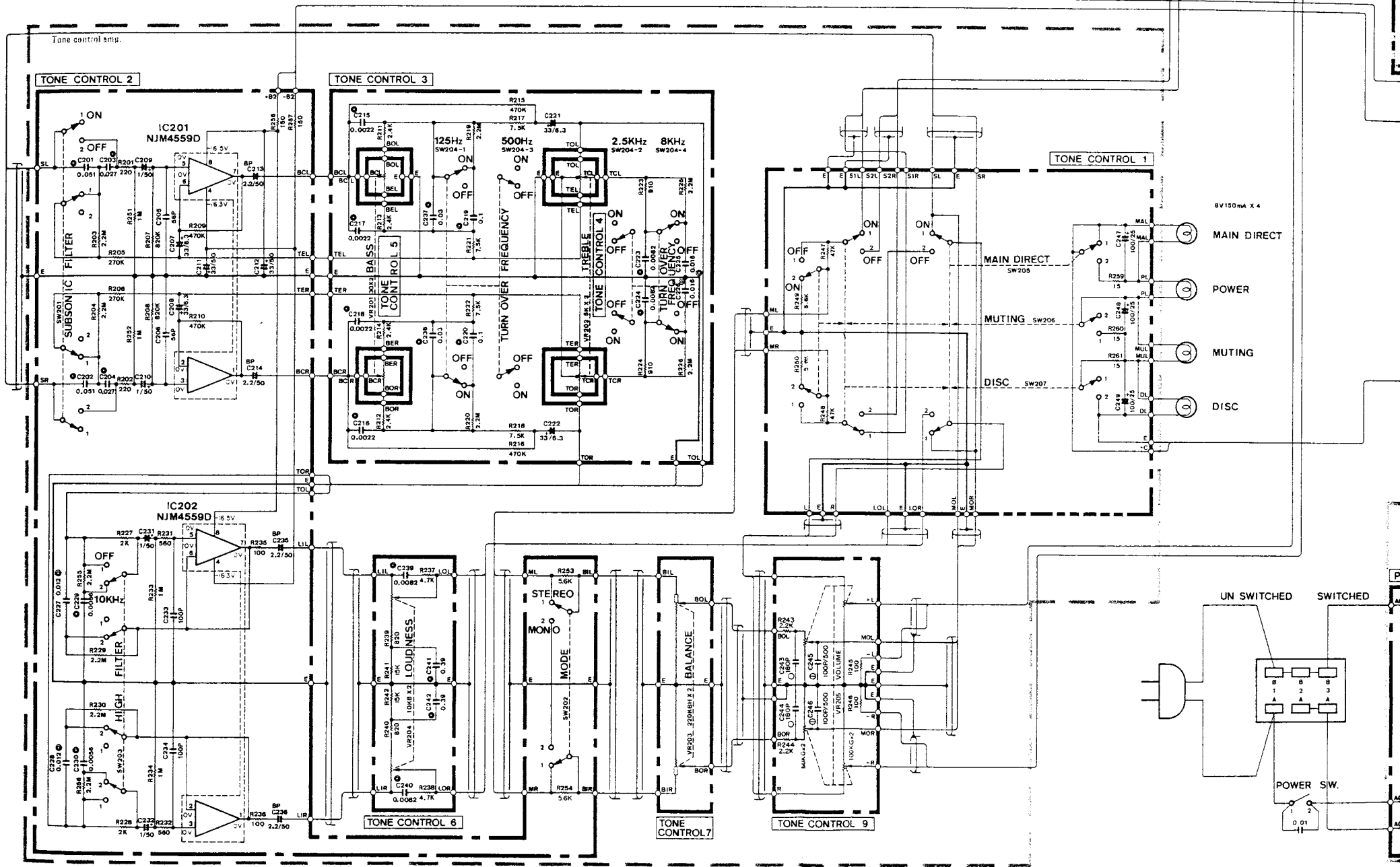
4



5



8V150 MA X 4
MAIN DIRECT
POWER



TLP508

S1WB

4D4B41

SLR-34UR

MV12

Diode

Thyristor

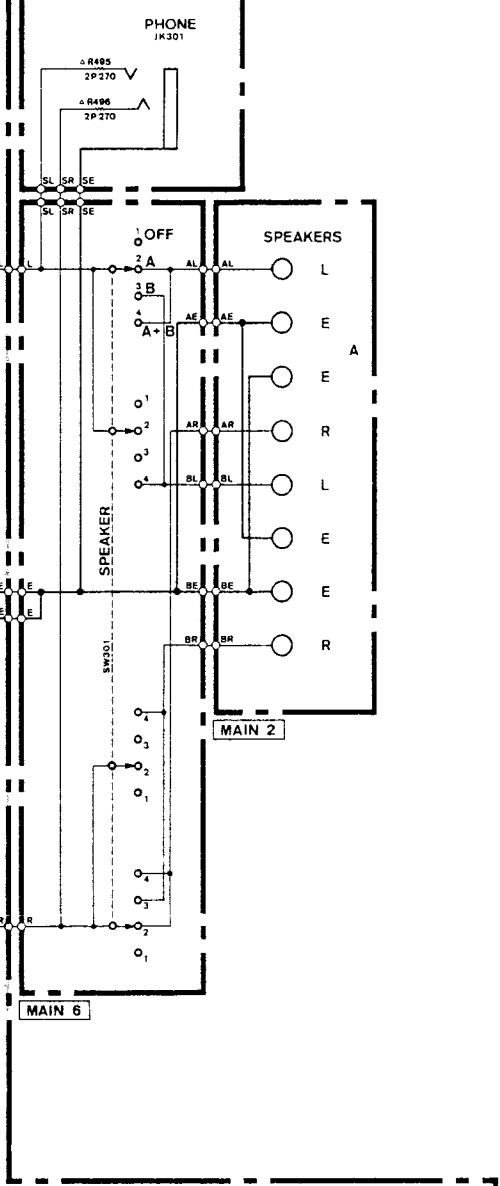
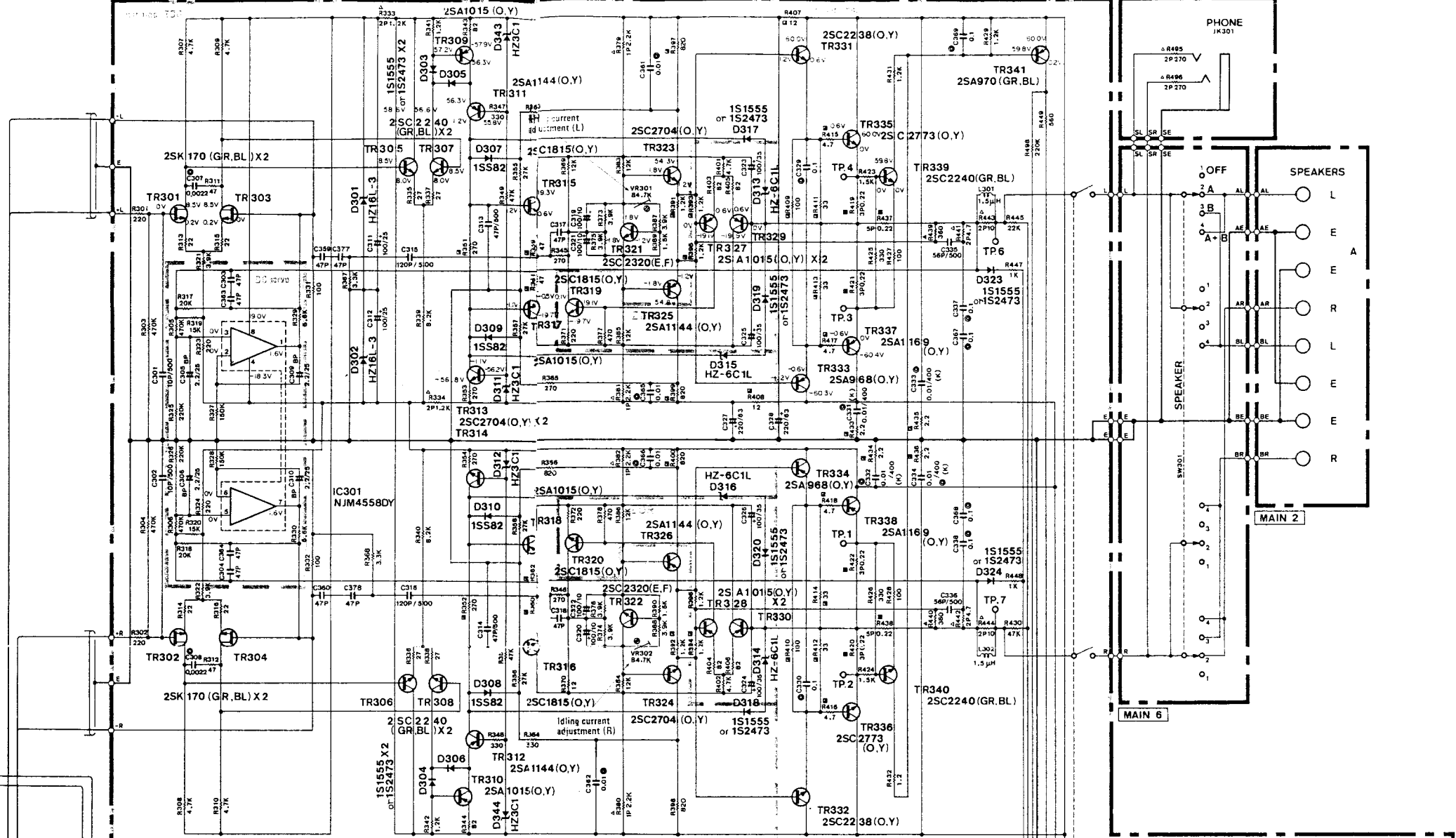
SM0R5G

AC16DGM-L

A, U, S, W Model

PRIMARY CIRCUIT 3

PRIMARY CIRCUIT 1



Caution:
Avoid touching the emitter of TR344 in the main board amplifier with a test probe.

- Caution:
1. Do not touch conductive parts of the oscilloscope body etc. while observing the control board waveforms. Don't connect to ground, either.
 2. Make sure to perform the control board tester check within the range of the voltage tester.

DIRECT

TR349

D340

D339

D338

D337

D336

D335

D334

D333

D332

D331

D330

D329

D328

D327

D326

D325

D324

D323

D322

D321

D320

D319

D318

D317

D316

D315

D314

D313

D312

D349

D348

D347

D346

D345

D344

D343

D342

D341

D340

D339

D338

D337

D336

D335

D334

D333

D349

D348

D347

D346

D345

D344

D343

D342

D341

D340

D339

D338

D337

D336

D335

D334

D333

D349

D348

D347

D346

D345

D344

D343

D342

D341

D340

D339

D338

D337

D336

D335

D334

D333

D349

D348

D347

D346

D345

D344

D343

D342

D341

D340

D339

D338

D337

D336

D335

D334

D333

D349

D348

D347

D346

D345

D344

D343

D342

D341

D340

D339

D338

D337

D336

D335

D334

D333

D349

D348

D347

D346

D345

D344

D343

D342

D341

D340

D339

D338

D337

D336

D335

D334

D333

D349

D348

D347

D346

D345

D344

D343

D342

D341

D340

D339

D338

D337

D336

D335

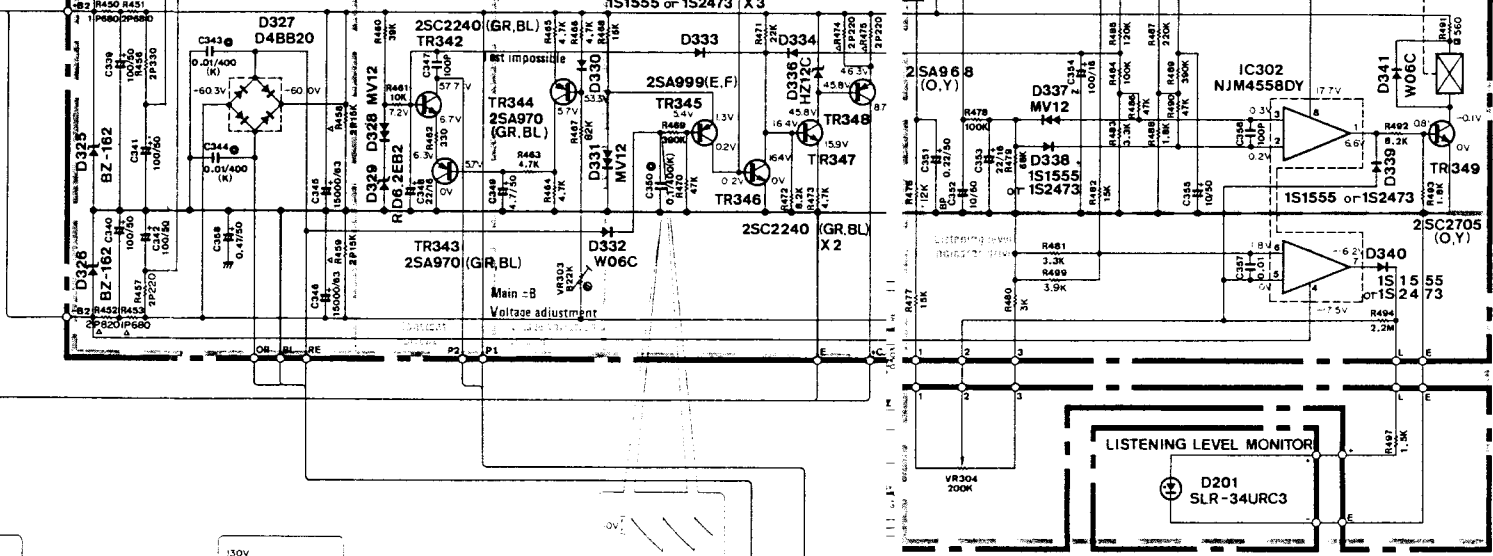
D334

D333

IRECT

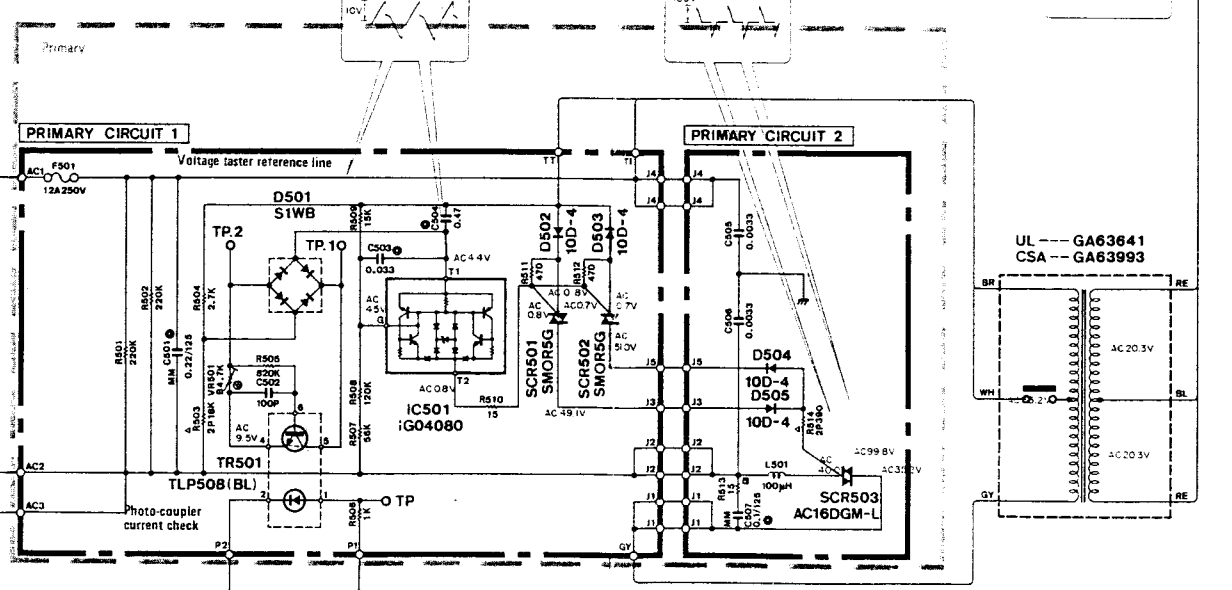
Caution:

1. Do not touch conductive parts of the oscilloscope body, etc. while observing the control board waveforms. Do not connect to ground, either.
2. Make sure to perform the control board tester check within the range of the voltage tester reference line.
3. To check the Triac, confirm the waveform at both sides of R515 (3P 1.2 k-ohms). The waveforms should match the diagram.



SWITCHED

POWER SW.



CAPACITOR

SYMBOL	PARTS NAME
NO MARK	CERAMIC CAPACITOR
⊙	POLYESTER FILM CAPACITOR
○	POLYSTYRENE FILM CAPACITOR
⊖	MICA CAPACITOR
⊕	POLYPROPYLENE CAPACITOR
PS	P. S. CAPACITOR
NO MARK	ELECTROLYTIC CAPACITOR

RESISTOR

SYMBOL	PARTS NAME
NO MARK	CARBON FILM RESISTOR
△	METAL FILM RESISTOR
▲	METAL OXIDE FILM RESISTOR
■	FIRE PROOF CARBON FILM RESISTOR
■	METAL PLATE RESISTOR
□	CEMENT MOLDED RESISTOR
⊗	SEMI VARIABLE RESISTOR

