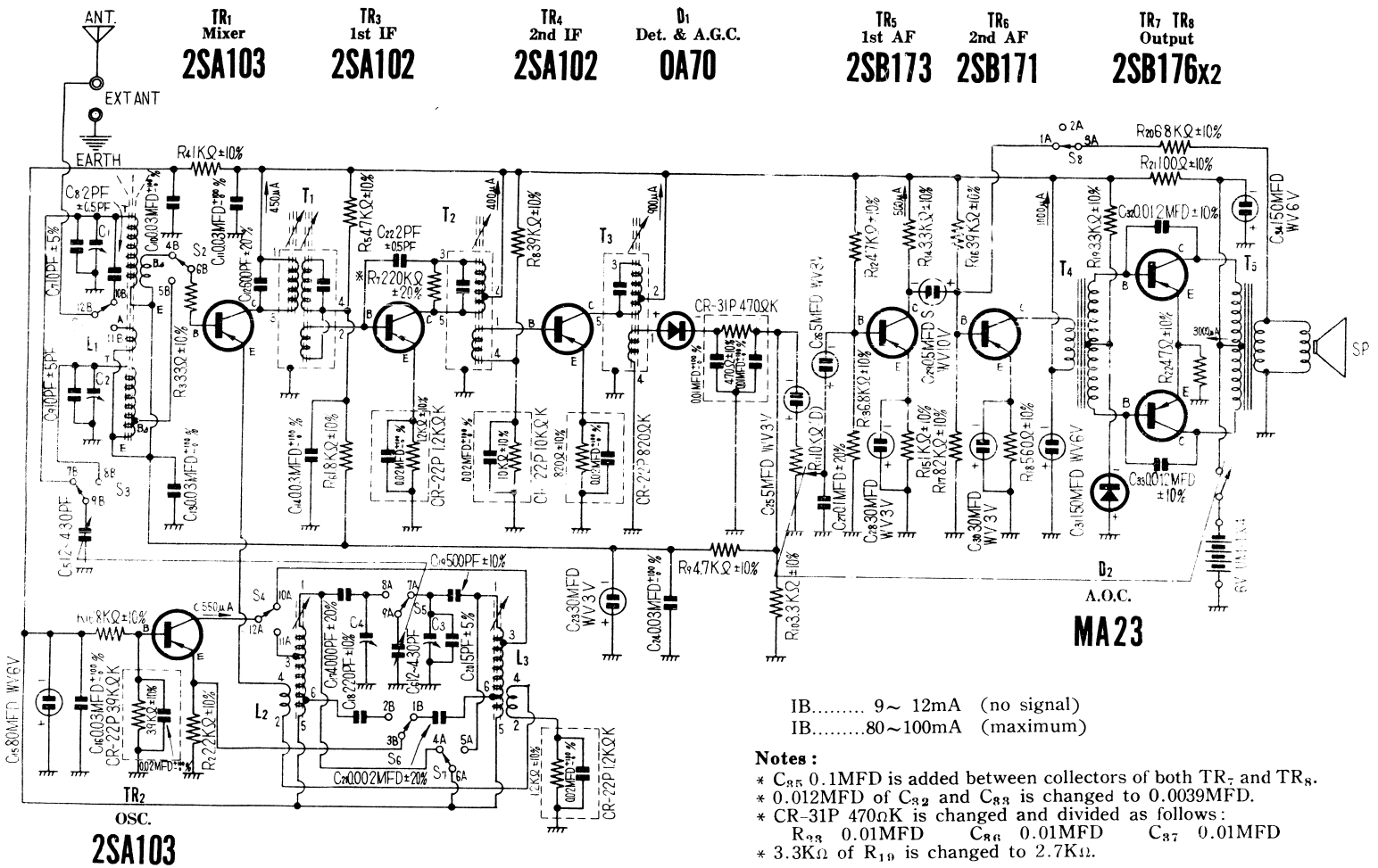
MODEL BT-252H



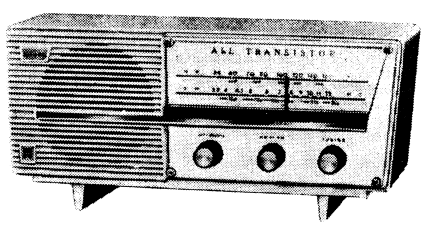
IB..... 9~ 12mA (no signal)
IB.....80~100mA (maximum)

Notes :

* C_{35} 0.1MFD is added between collectors of both TR_7 and TR_8.
* 0.012MFD of C_{32} and C_{33} is changed to 0.0039MFD.
* CR-31P 470ΩK is changed and divided as follows:
  R_{33} 0.01MFD C_{36} 0.01MFD C_{37} 0.01MFD
* 3.3KΩ of R_{19} is changed to 2.7KΩ.

SPECIFICATIONS

Frequency Range :	MW 540 ~ 1600 KC (555.6~187.5 m) S W 3.75 ~ 12 MC (80.0 ~ 25.0 m)
Intermediate Frequency :	455 KC
Sensitivity :	MW 150 μV / m / 50 mW S W 150 μV / m / 50 mW
Power Output :	250 mW undistorted 350 mW maximum
Batteries :	Four No. 1 (D size) flashlight dry cells
Speaker :	10cm (4") PM dynamic speaker

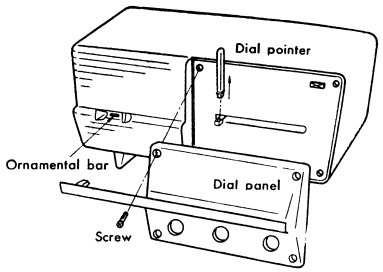


HOW TO TAKE OUT CHASSIS

In case of taking out chassis from the cabinet, keep the correct order indicated as follows to avoid any damage on dial panel or dial pointer.

FROM THE FRONT OF CABINET

1. Set the dial pointer to the lowest frequency (left side) by turning the tuning knob.
2. Pull out three knobs.
3. Loosen the four screws of the dial panel fixture.
4. Pull out the dial panel slowly together with the left side of the ornamental bar (at the front of speaker).
5. Unfasten slowly the dial pointer upward.



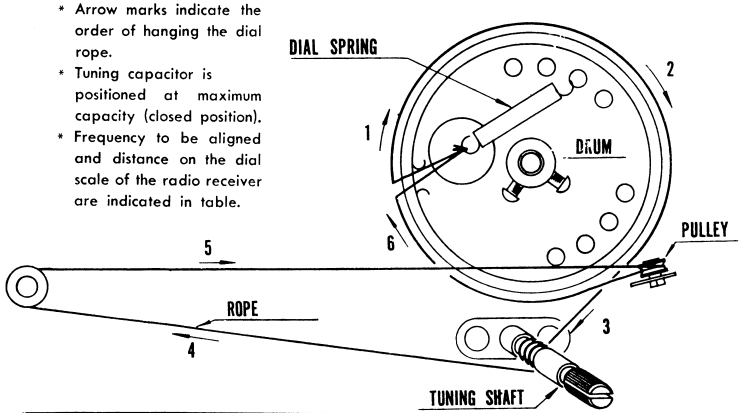
FROM THE BACK OF CABINET

6. Take out the chassis slowly after loosening four screws which fasten the chassis.
   In case of fixing the chassis into the cabinet again, please apply the reverse order against the above.

DIAL CORD STRINGING

Notes :

* Arrow marks indicate the order of hanging the dial rope.
* Tuning capacitor is positioned at maximum capacity (closed position).
* Frequency to be aligned and distance on the dial scale of the radio receiver are indicated in table.

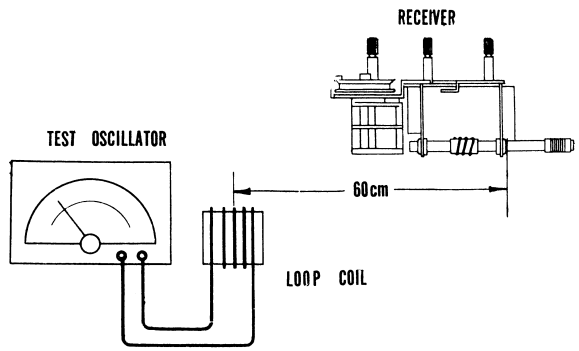


FRQUENCY AND DISTANCE ON THE DIAL SCALE					
M	600KC	1500KC	S	4MC	12MC
W	16.7mm	83.4mm	W	11.5mm	90.7mm

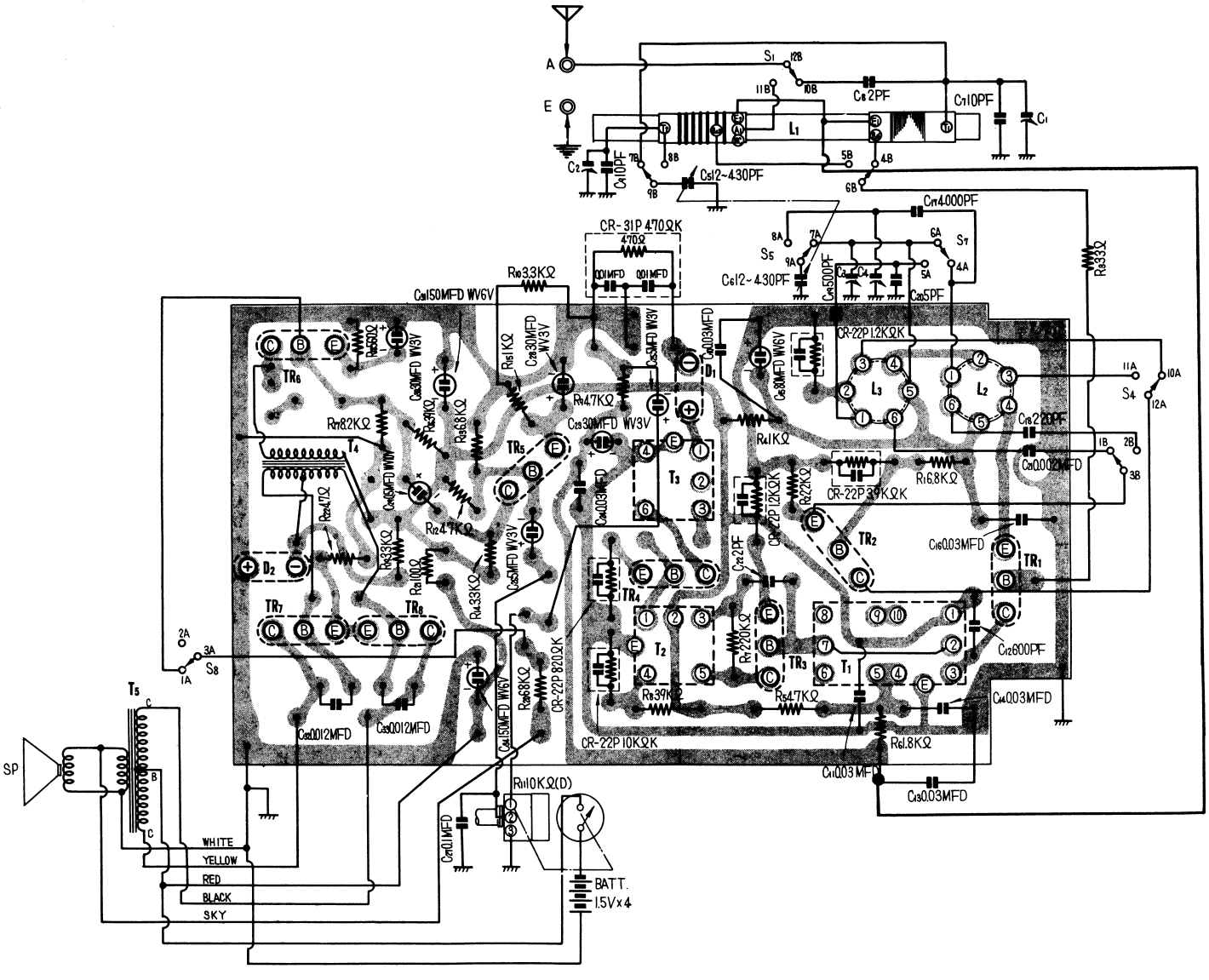
TABLE

Step	Band Switch Position	Test Oscillator: Connection to radio receiver	Test Oscillator: Dial setting	Radio Receiver: Dial setting	Radio Receiver: Adjusting for maximum output
1	MW	"ANT" terminal in series with 0.1MFD	455 KC	Quiet point	Top screws of IF transformers
2	MW		600 KC	600 KC	Screw of MW OSC coil Inductance of MW ANT coil
3	MW		1500 KC	1500 KC	Screw of MW OSC trimmer Screw of MW ANT trimmer
4	MW	Use radiation loop coil. (See Fig. 1)	600 KC & 1500 KC	600 KC & 1500 KC	Repeat steps (2) and (3).
5	SW		4 MC	4 MC	Screw of SW OSC coil Inductance of SW ANT coil
6	SW		12 MC	12 MC	Screw of SW OSC trimmer Screw of SW ANT trimmer
7	SW		4 MC & 12 MC	4 MC & 12 MC	Repeat steps (4) and (5).
8	Check if the above dial settings for SW band are not made at image frequencies.				

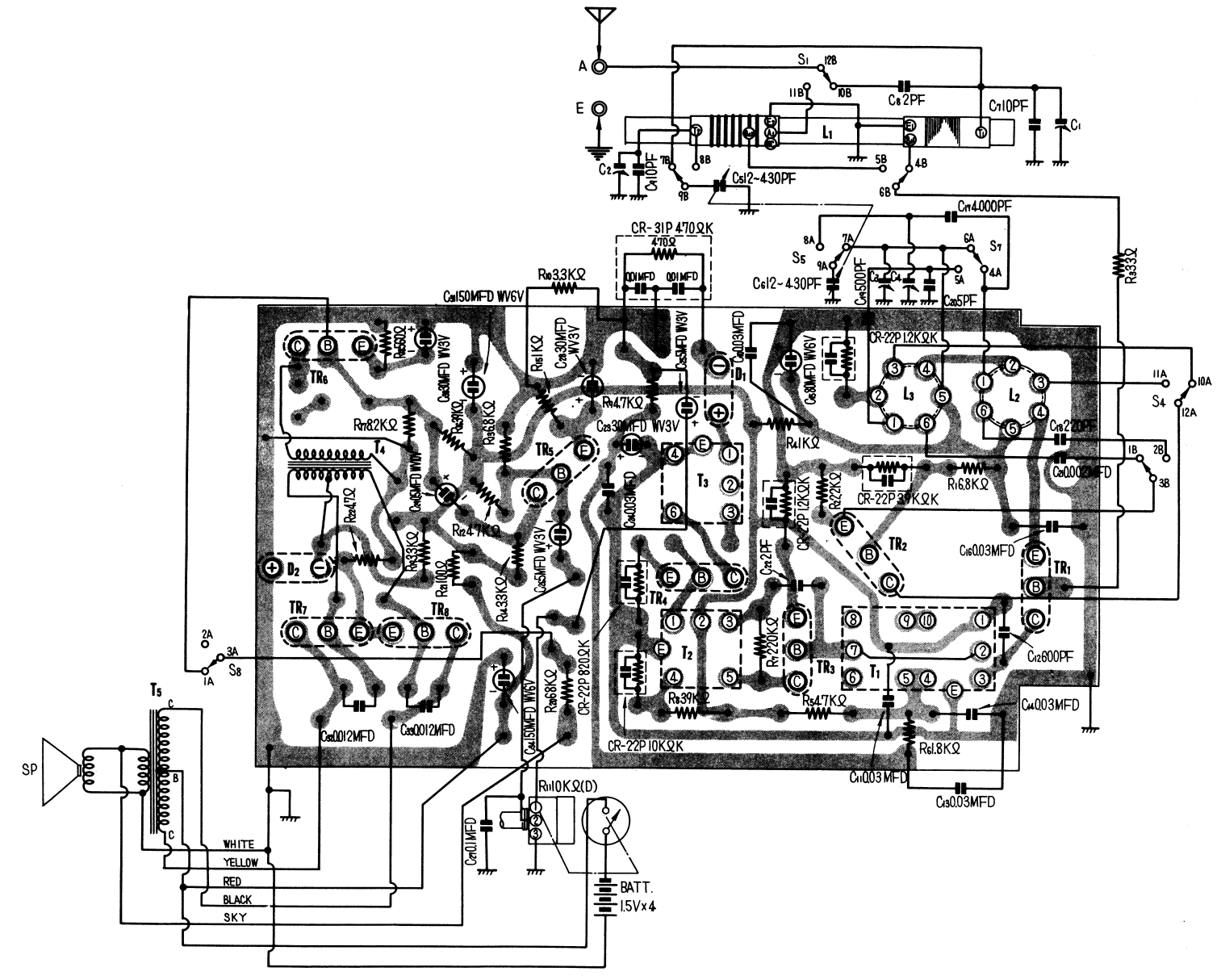
Fig. 1



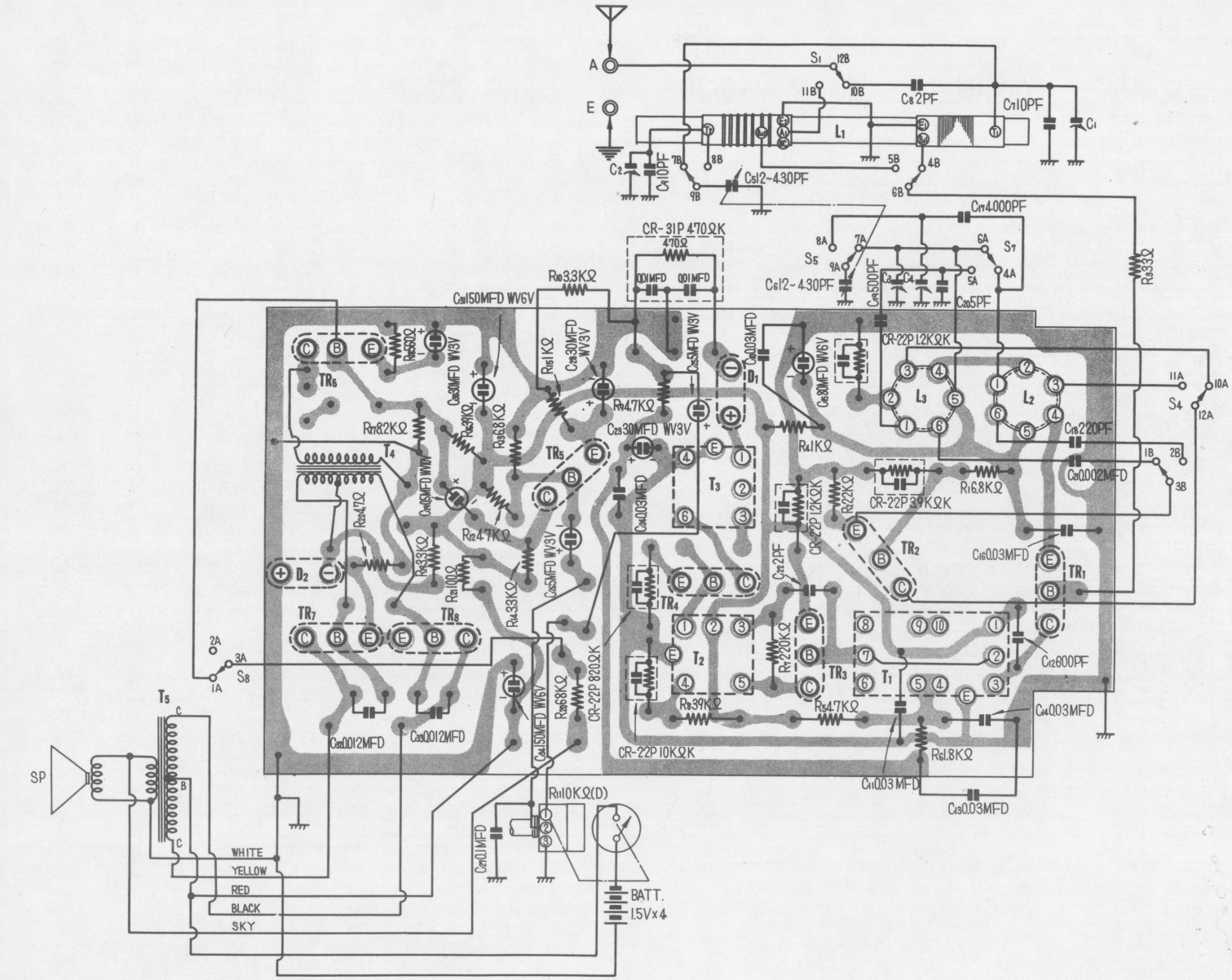
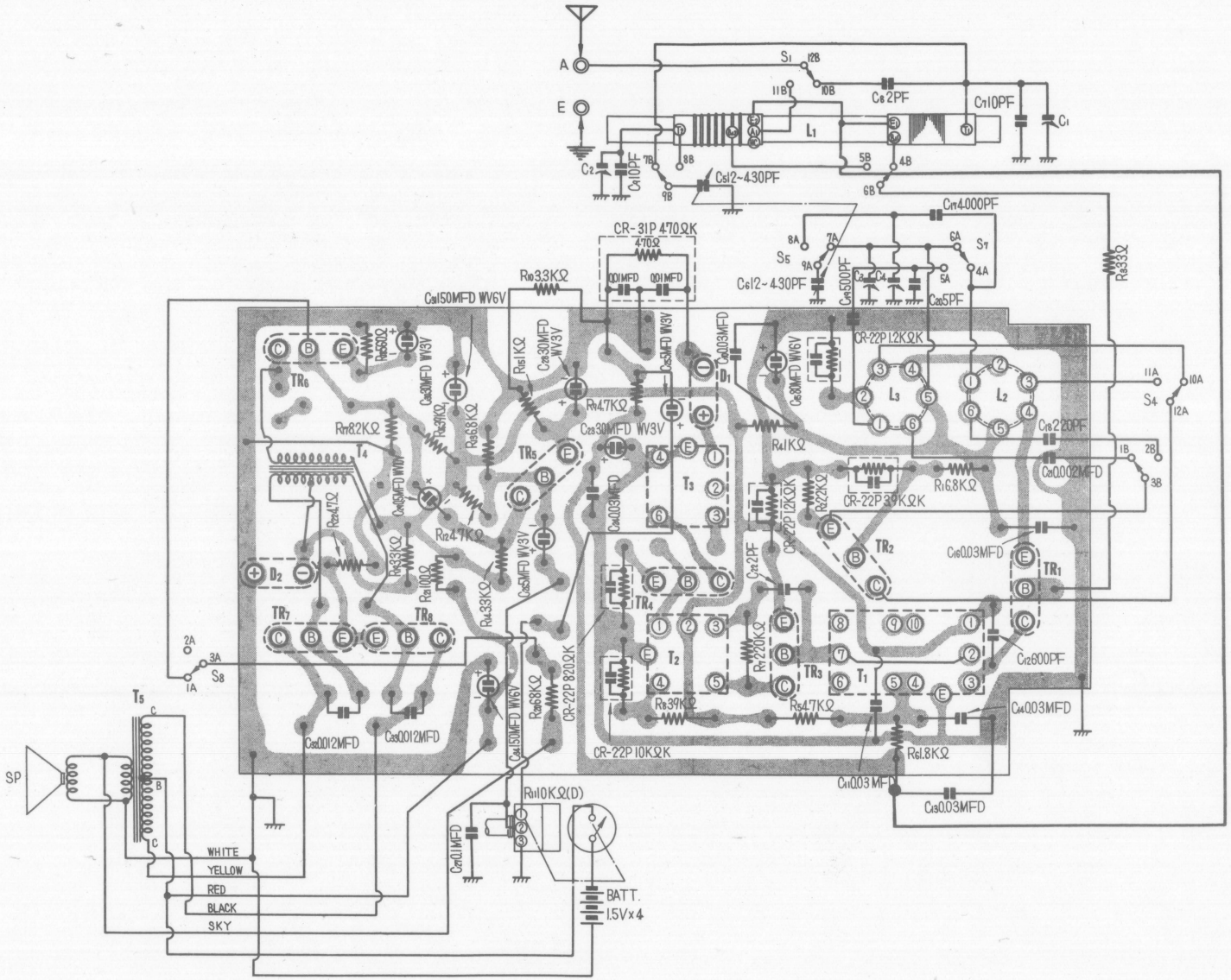
AMENDMENT
NATIONAL MODEL BT-252H



MODEL BT-252H



MODEL BT-252H



AMENDMENT
NATIONAL MODEL BT-252H