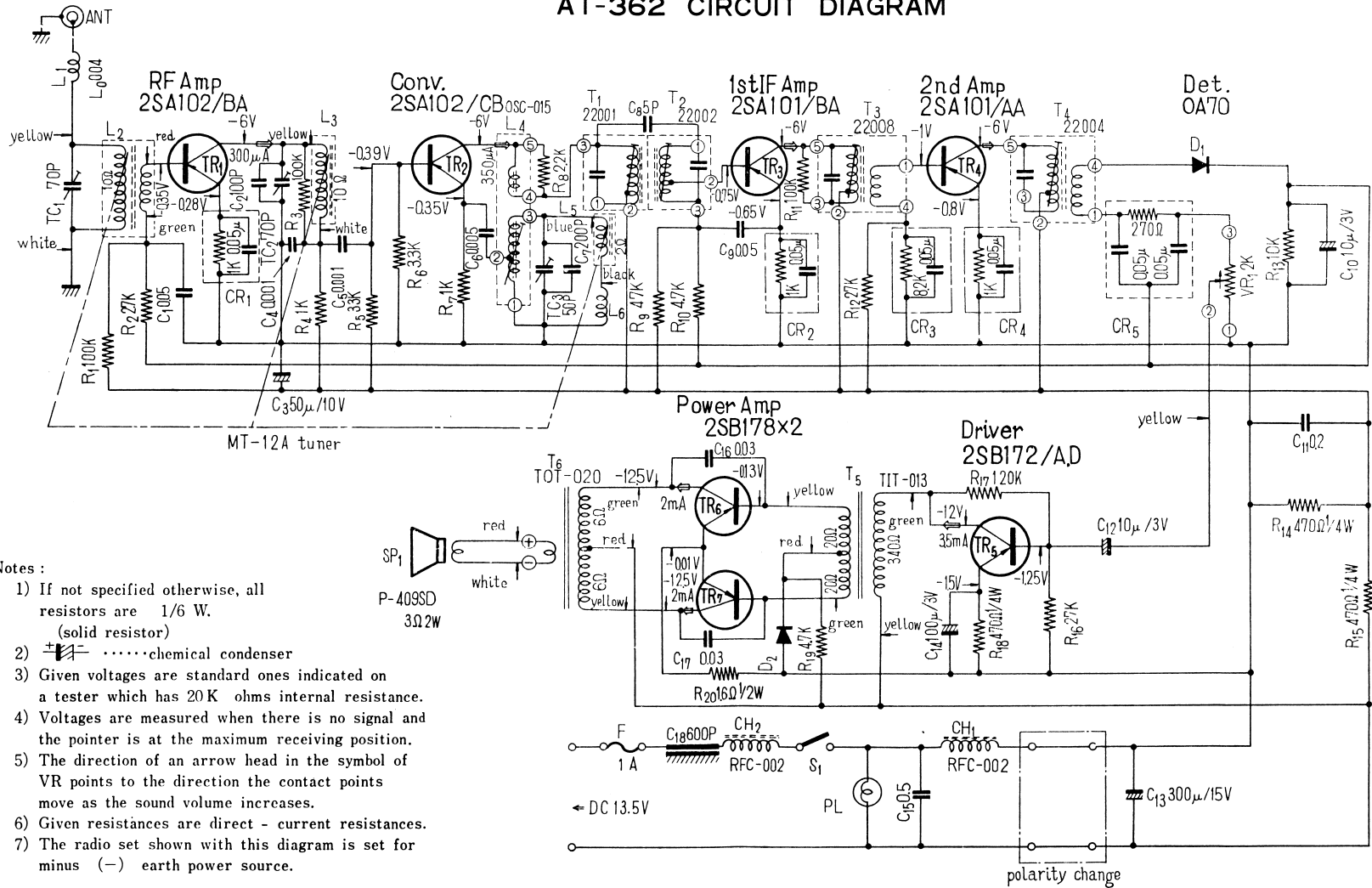


AT-362 CIRCUIT DIAGRAM



6. ALIGNMENT

6-1 Preparations for alignment

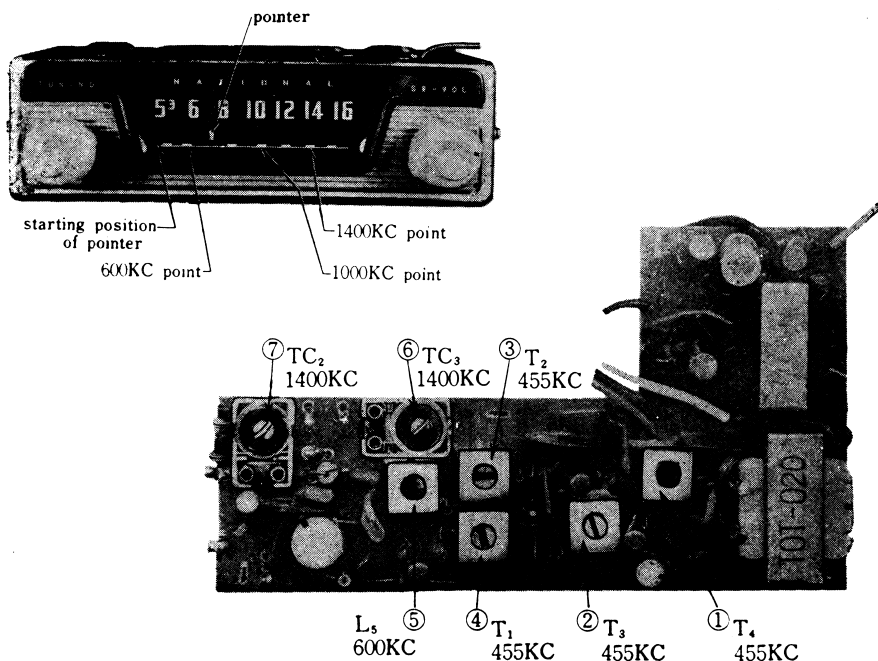
- 1) Regulate the power source voltage at the standard DC 13.5 V constant.
- 2) Set the volume control at its maximum position.
- 3) Modulating frequency of the signal generator should be 400c/s. Modulation degree should be 30%.
(The output of the signal generator should be as low as possible)
- 4) Signals are supplied from the antenna jack.
- 5) Dummy antenna should be set as shown in Fig. 6.
- 6) Turn the tuning knob counterclockwise to the maximum, and check whether the pointer is rightly on the "start" position.

6-2 Procedures for alignment

Proce- -dure	Component to be aligned	Signal Freq.	Signal Freq.	Dial pointer at:	Note
1.	I F T	T4 (black)	455KC	around 1500KC where there is no station	Repeat the proce- -dures No. 1 to 4 three or four times so as to get maxi- -mum output
2.		T3 (white)	"	"	
3.		T2 (blue)	"	"	
4.		T1 (pink)	"	"	
5.	Tracking	core of oscillati- on coil L5(red)	530KC	lowest receiving point (left end)	Repeat two or three times so as to get proper reception at the highest & lowest receiving points
6.		oscillation trim- mer TC3	1650KC	highest receiving point (right end)	
7.	RF ANT	RF trimmer TC1	1400KC	1400KC	Adjust to get the maximum output
8.	matching	ANT trimmer TC1	"	"	

Note: Align the TC ANT trimmer so the sound volume becomes loudest on receiving a radio programme around 1400KC when the radio set is to be installed in a car or when the antenna is to be replaced.

6-1 Alignment point & Signal Frequency



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