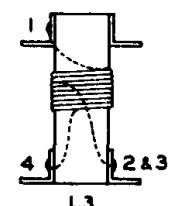


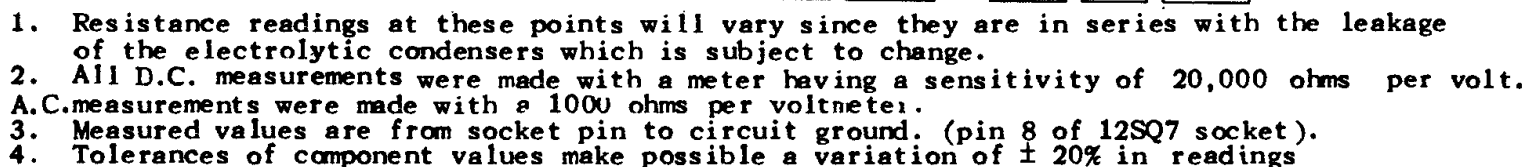
- C 1 2 Gang variable
- C 2 Part of C 1
- C 3 Part of C 1
- C 4 100 mmfd mica $\pm 10\%$ 500 v D.C. working
- C 5 Compression trimmer 70-470 mmf
- C 6 Compression trimmer 1.6-18 mmf (part of C 5)
- C 7 3000 mmfd mica $\pm 10\%$ 500 v D.C. working
- C 8 .05 mfd, tubular, paper, 400 v D.C. working
- C 9 125 mmfd mica, $\pm 25\%$ part of T2
- C 10 .01 mfd, paper, tubular 400 v D.C. working
- C 11 .0015 mfd, mica $\pm 20\%$ 500 V C.C. working
- C 12 .01 mfd, paper tubular 400 v D.C. working
- C 13 .01 mfd, paper tubular 400 v D.C. working
- C 14 .2 mfd paper tubular 400 v D.C. working
- C 15 .05 mfd paper dielectric 400 v D.C. working.
- C 16 Electrolytic, 2 section Common cathode
- C 17 Part of C 16
- C 18 .1 mfd, paper, tubular 400 v D.C. working
- C 19 .002 mfd. paper, tubular, 600 v D.C. working
- C 20 470 mmf. mica $\pm 20\%$ 500 v D.C. working
- C 21 Part of T1
- C 22 Part of T1
- C 23 Part of T2
- C 24 Part of T2

- 11, 12 3.2 v, 160 ma. miniature bayonet base
- L1 200.5 uh ± 1 uh; dist. cap. 12mmf max.
- L2 2 band osc. coil assy.
- L3 SW. RF Coil
- L4 Slug tuned, variation 30-55 uh $\pm 10\%$
- LS1 5" p.m., 3.2 ohm v.c.
- R1 22000 ohms $\pm 20\%$ 1/2 watt carbon
- R2 1.0 megohm $\pm 20\%$ 1/2 watt carbon
- R3 220 ohms $\pm 20\%$ 1/2 watt carbon
- R4 47000 ohms, $\pm 20\%$ 1/2 watt carbon Part of T2
- R5 500,000 ohms taper 50,000 ohms at 1/2 rotation, with "on-off" switch
- R6 10.0 megohm $\pm 20\%$ 1/2 watt carbon
- R7 0.22 megohm $\pm 20\%$ 1/2 watt carbon
- R8 0.47 megohm $\pm 20\%$ 1/2 watt carbon
- R9 120 ohms $\pm 10\%$ 1/2 watt carbon
- R10 270 ohms $\pm 10\%$ 1/2 watt carbon
- R11 1500 ohms $\pm 5\%$ 1 watt carbon
- R12 220,000 ohms $\pm 20\%$ 1/2 watt carbon
- R16 470 ohms $\pm 20\%$ 1/2 watt carbon
- R17 4700 ohms $\pm 20\%$ 1/2 watt carbon
- R18 0.1 megohm $\pm 20\%$ 1/2 watt carbon
- S1 Part of R5
- S2 4 pole, 2 position
- T1 Double tuned, 455 kc.
- T2
- T3 Primary Impedance 2500 ohms, secondary 3.2 ohms,



Federal Telephone & Radio
Models 1030T & 1540T
See next page for
alignment information.

MODELS 1030T
AND 1540T



Keep signal generator output at lowest practical level and proceed according to table below.

DUMMY ANTENNA	SIGNAL GENERATOR FREQUENCY	BAND SWITCH POSITION	RECEIVER DIAL SETTING	ADJUSTMENT POINTS	OUTPUT METER READING
0.1 MFD.	455 Kc	B.C.	Tuning Condenser Open	C24, C23, C22, C21	Max.
0.1 MFD.	455 Kc	B.C.	Tuning Condenser Open	L4	Min.
200 MMFD.	1600 Kc	B.C.	Tuning Condenser Open	C6	Max.
200 MMFD.	1400 Kc	B.C.	1400 Kc	C3	Max.
200 MMFD.	600 Kc	B.C.	600 Kc	L1	Max.
				(Check, adjust if necessary)	
400 ohms	6 Mc	S.W.	6 Mc	C5	Max.

