



Rogers 16-54, 16-56 De Forest 45-42, 65-42 (Chassis 11RA521, 11DA521)

8† To Antenna	10 Antenna		6 To Antenna	5 To Antenna	4* To Antenna	3 To Antenna	2 To Antenna	of 6J8M Tube	1 To Grid Cap	Operation Connect Generator
	6.0 mcs.	17.5 mcs.	17.5 mcs.	1600 kcs.	600 kcs.	1600 kcs.	1600 kcs.	je –	456 kcs.	Set Generator Tuning
6.0 mcs.	6.0 mcs.	17.5 mcs.	17.5 mcs.	1600 kcs.	600 kcs.	1600 kcs.	$1600 \mathrm{\ kcs.}$		700-800 kcs.	Set Receiver Tuning
$400 ext{ ohms}$	400 ohms	400 ohms	400 ohms	.0002 mfd.	.0002 mfd.	.0002 mfd.	$.0002 \mathrm{\ mfd}.$.01 mfd.	Dummy Antenna
Max.	Max.	Max.	Max.	Max.	Max.	Max.	Max.		Max.	Volume Control
T1	T3	C3	C5	C6	C7	C4	C6	C9, C8	C11, C10	Adjust
To Adjust Ant.	To Adjust Osc. at 6 Mcs.	To Peak Ant.	To Peak Osc.	To Check Osc.	To Track Osc.	To Peak Ant.	To Peak Osc.		To Peak I.F.	Remarks

to give readable value on output indicator. The resistors and condensers used as dummy antenna must be non-inductive Always ground generator and receiver "G" (ground) connection. NOTE: Always use an output meter or visual indicator when making alignment. Use only sufficient generator output

- Rock tuning control during this adjustment.
- coils are provided with a small wire loop, which may be moved to vary the coil inductance † Adjustments shown in operations 8 and 9 are only necessary when short-wave coil replacements are made. These