

**ALIGNMENT PROCEDURE****PRELIMINARY:**

Output meter connection Across loudspeaker voice coil
 Output meter reading to indicate 50 milliwatts. 0.37 volts
 Approximate input to standard Hazeltine alignment loop for 50 milliwatt output See chart below
 Generator ground lead connection To chassis through 0.1 mfd. cond.
 Connection of generator output lead See chart below
 Generator modulation 30%, 400 cycles
 Position of Volume Control. Fully on
 Position of Pointer with variable fully closed. On mark to left of
 540 kc calibration mark.

POSITION OF VARIABLE	GENERATOR FREQUENCY	DUMMY ANTENNA	GENERATOR CONNECTION	TRIMMER ADJUSTMENT (IN ORDER SHOWN)	TRIMMER FUNCTION	APPROXIMATE MICROVOLTS PER METER
Closed	455 Kc	.1 mfd.	1A7GT Translator Grid	T2, T1	IF	
Open	1620 Kc	-	Radiating Loop	C5	Oscillator	70
1410 Kc	1410 Kc	-	Radiating Loop	C1	Translator	75
600 Kc (rock)	600 Kc	-	Radiating Loop	C6, L1	Padder	75

IMPORTANT ALIGNMENT NOTES

The chassis is removed from the case in order to align the IF but the loop antenna must be left connected.

The trimmer and padder condensers are accessible by removing the back cover.

The chassis must be in place in the cabinet during alignment. If battery supply is used, the batteries must be in place in the cabinet.

The variable should be rocked back and forth a degree or two while making the 600 Kc adjustment.

The alignment procedure should be repeated in the original order, step by step, to insure greater accuracy.

Always keep the output power from the generator at its lowest possible value to prevent the AVC of the receiver from interfering with accurate alignment.