

RECEIVER

ALIGNMENT

To align the receiver portion of the HA-460 obtain the test equipment listed below and proceed as directed in Table 4.

Test Equipment Required: 1. Calibrated signal generator
2. AC VTVM
3. Non-metallic alignment tool

TABLE 4. RECEIVER ALIGNMENT PROCEDURE

Step	Purpose	S.G. Coupling & Input Signal	AC VTVM Connections	RCVR Dial Setting	Adjust	Indication	Location of Alignment Point
1	Local Oscillator No. 1 Alignment	Connect S.G. to antenna input. (a) Set S.G. to 50.0 Mc (b) Set S.G. to 52.0 Mc (c) Repeat (a) and (b) until no further improvement is obtained.	Across Speaker Terminals	50.0 Mc 52.0 Mc	L7 CT1	Maximum output on AC VTVM "	See Figure 6 See Figure 7
2	Align 5745K 1F transformer. Note: Ground pin 9 of V2 during this step. Remove ground after completing this step.	Connect S.G. to pin 2 of V2 and set it to 5745 Kc	Across Speaker Terminals	----	T1 (Top & Bottom)	"	See Figures 6 and 7
3	Align 455Kc IF transformers. Note: ground pin 2 of V3 during this step. Remove ground after completing this step.	Connect S.G. to pin 8 of V3 and set it to 455 Kc	Across Speaker Terminals	----	T2, T3 and T4 (Top & Bottom)	"	See Figures 6 and 7