

PERFORMANCE SPECIFICATIONS

TRANSMITTER

Frequency Range:	49.975 to 54.025 mc
Emissions:	AM, SSB, and CW
Frequency Control:	Crystal HF oscillator, stabilized IF VFO
Nominal Frequency Stability: (after 15 minute warm-up.)	50 cycles per 15 minute period. (With transmit filaments on causing chassis heat rise.)
Final Amplifier:	6360 tube, class AB ₁ , link coupled
Power Input to Final Amplifier:	SSB: 20 watts PEP AM: 6 watts CW: 20 watts
Spurious Suppression:	-40 db
Unwanted Sideband Suppression:	-40 db
Carrier Suppression:	-50 db
Audio Response:	300 to 3450 cycles
Output Impedance:	50 ohms

RECEIVER

Frequency Range:	49.975 to 54.025 mc
Types of Reception:	AM, SSB, and CW
Nominal Frequency Stability: (after 15 minute warm-up.)	50 cycles per 15 minute period. (With transmit filaments on causing chassis heat rise.)
Sensitivity:	0.5 microvolt for 10 db $\frac{S+N}{N}$
Selectivity:	3 kc
IF Frequencies:	First IF: 14.5 to 15.5 mc Sec. IF: 9 mc
Image Rejection:	-50 db
Audio Output:	2.5 watts into a 3.2 ohm load
Antenna Input Impedance:	50 ohms, unbalanced

TRANSCIEVER

Dimensions:	9 1/2" W x 5 1/2" H x 9" D
Weight:	11 pounds
Power Consumption:	DC: 12.6 volts @ 8.0 amperes AC: 100 watts @ 117 or 120 vac

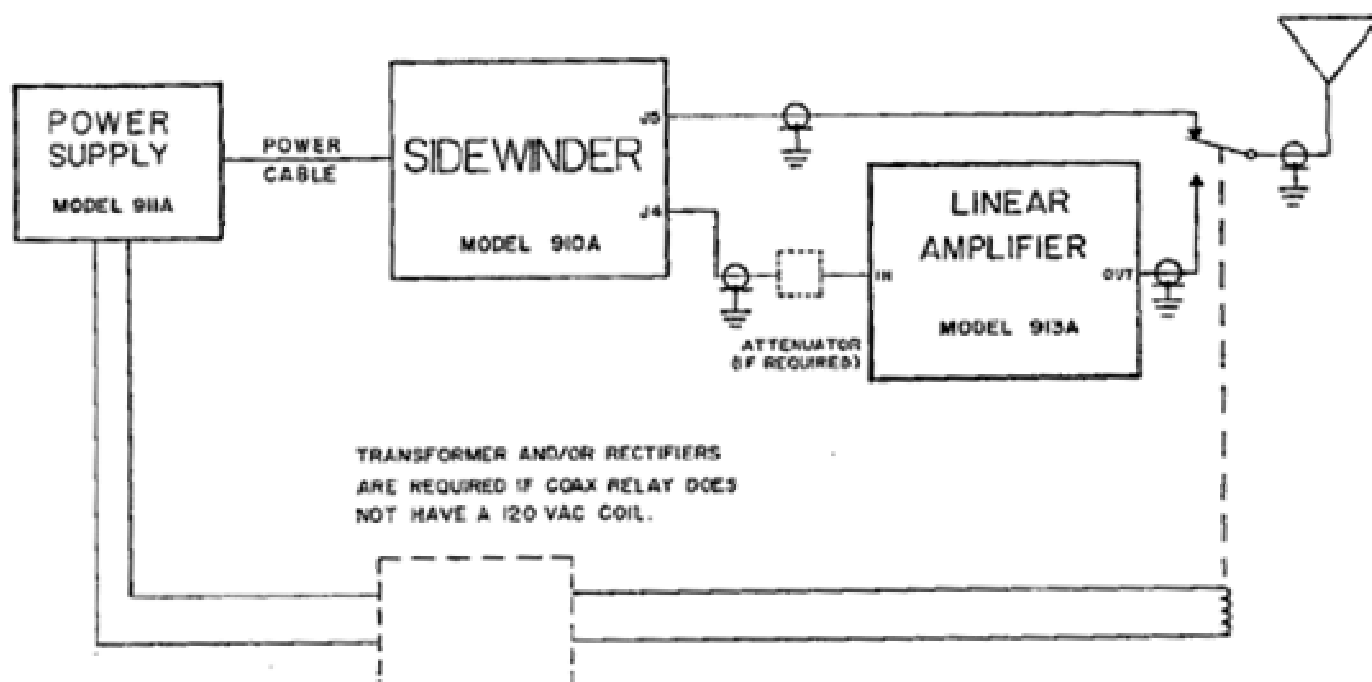


Figure 2