

SPECIFICATIONS

RECEIVER SECTION

Frequency Coverage.	3.8 to 4 megacycles.
Receiving Mode.	Lower sideband.
Sensitivity.	1 microvolt of input signal will provide at least a 15 db signal plus noise to noise ratio.
Selectivity.	2.7 kilocycles at 6 db. 6 kilocycles at 50 db.
Intermediate Frequency (IF).	2.305 megacycles.
Image Rejection.	100 db.
IF Rejection.	50 db.
Antenna Input Impedance.	50 Ω , unbalanced.
Receiver Audio Response.	400 to 3000 cps.
Receiver Audio Power Output.	1 watt.
External Speaker Impedance.	8 Ω impedance.

TRANSMITTER SECTION

Frequency Coverage.	3.8 to 4 megacycles.
Transmitting Mode.	Lower sideband.
Frequency Stability.	Drift less than 200 cps per hour after warmup.
RF Power Input.	200 watts P.E.P.
Output Impedance.	50 Ω , unbalanced.
Transmitter Audio Response.	400 to 3100 cps.
Microphone.	High impedance crystal, ceramic, or dynamic (10 millivolts minimum output).
Unwanted Sideband Suppression.	45 db minimum below peak output with 1000 cps modulation.
Carrier Suppression.	45 db minimum below peak output.