

(e) **BUILT-IN OSCILLOSCOPE.** An internal oscilloscope continuously monitors the linearity of the amplifier by visual comparison of input and output wave forms and gives positive indication of percentage of modulation (up to 100% modulation) on AM as well. An oscilloscope is a necessity in properly tuning an SSB transmitter and assures top performance of the transmitter on the air.

(f) **HIGH HARMONIC ATTENUATION.** A high Q tank circuit plus a pi-network output and operation in AB1 assures high order of harmonic attenuation. The pi-network output circuit also allows matching to a wide range of antenna impedances.

(g) **COMPACT ATTRACTIVE STYLING.** Completely self-contained in an attractive black wrinkle receiver-type cabinet, it harmonizes with other modern type communication equipment. All controls have been located for convenience and simplicity of operation.

3. SPECIFICATIONS

<u>Frequency Range</u>	<u>Band</u>	<u>Range (mc)</u>
	80 meters	3.50 to 4.00
	40 meters	7.00 to 7.30
	20 meters	14.00 to 14.35
	15 meters	21.00 to 21.45
	10 meters	26.90 to 29.70
<u>Tube Line Up</u>	9 tubes: including 3 voltage regulators, 2 rectifiers, 1 oscilloscope deflection amplifier, 1 oscilloscope, and 2 power amplifiers.	
<u>Power Rating</u>	DC Average Input	CW 1000 watts AM 700 watts
	Peak Envelope Power Input SSB	1000 watts
	Peak Envelope Power Output SSB	625 watts
<u>Power Input</u>	115 Volts AC, 60 cycles, 1000 - 1500 watts	
<u>Types of Emission</u>	Continuous Wave, Amplitude Modulation, Single Sideband Suppressed Carrier, Frequency Shift Keying.	