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**CHAPTER 1 SPECIFICATIONS**

**GENERAL**

Frequency Range	26.965 - 27.405 MHz
Emission	40 AM
Frequency Control	Phase-Lock-Loop Synthesizer
Frequency Stability	0.001%
Temperature Range	-30 °C to +50 °C
Input Voltage	13.8 V DC
Antenna Impedance	50 Ohms
Size	7 7/8" (W) x 9 1/4" (D) x 2 3/8" (H)
Weight	5.0 lb.

**TRANSMITTER**

RF Power Output	4W
Frequency Response	300 to 2500 Hz
Audio Distortion	10 %
Spurious Emission	Better than -55 dB
Carrier Emission	Better than -55 dB

**RECEIVER**

Sensitivity for 10 dB S+N/N	0.5 uV
Squelch Sensitivity	Less than 0.5 uV
Audio Power Output	2W @ 10% Distortion
Image Rejection Ratio	-65 dB
AGC Figure of Merit	100 mV for 10 dB Change in Audio Output
Audio Response	300 to 2500 Hz

( SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE )