

Tuning Procedure

The Crescent Technologies High Power UHF RF power amplifier is designed for paging and other applications that use a single carrier constant envelope waveform. The amplifier is designed to be powered from either an external +48 VDC source or an optional internal AC power supply. Model GA amplifiers cover the 406.1-421 MHz band without retuning. Amplifier specifications are shown in Table 1-1. There are seven input ranges available. Closed loop power control is used to maintain a constant output power under varying voltage, signal input level, frequency and output load conditions. Several design features work to protect the amplifier under adverse conditions.

As indicated above, there are no tuning procedures for the amplifier.