

97.317 (a) 3 Compliance

If power input in the restricted frequency range between 26MHz and 28 MHz is detected, the amplifier automatically disables operation. The display shows “INVALID” and no power gain occurs. Toggling the OPER/STBY switch will not resume operation. Reset is accomplished only after the input frequency counter detects that input drive power is no longer in the restricted frequency range. The frequency counter is an integral part of amplifier operation: if the counter is disabled or shows an invalid count, amplification ceases within milliseconds.

The frequency counting system is integrated onto the printed circuit board and the control microprocessor. A great deal of technical knowledge and assembly skill would be required to redesign the amplifier to disable this restricted-band lockout without rendering the amplifier useless.