

TSLM VHF Transmitter Tuning Procedure

The watchdog can be disabled in the Production Test screen but care should be taken to not damage the transmitter if the watchdog is disabled.

Arrow to the MID channel.

Adjust R560 fully counterclockwise.

Verify that the DAC value for TX Power Adj. in the adjustments section of the programmer is 0 (Zero) for MID channel.

Key the transmitter F5 and monitor the transmitter current drain. Adjust R560 for $400 \pm 50\text{mA}$ greater than the initial current meter reading.

Select the TX Power Adj. in the adjustments section of the programmer. Key the transmitter. Using the Page Up/Down (x1) or CTRL Page Up/Down (x10) to adjust the output power for $5.00 \text{ Watts} \pm 1.00 \text{ Watt}$. Key and un-key the transmitter as quickly as possible while setting the power output.

Arrow to the Low and High channels and set the output power to $5.00 \text{ Watts} \pm 1.00 \text{ Watt}$ in the same manner as described in the previous step.

The current should be $< 2.0 \text{ A}$ across the band.

Un-key the transmitter F6.

Press F10 to write the values to the EEPROM.