

DC Voltages 2.1033(c)(8)

The unit's operating voltage is 10.5 to 15 Volts, and its power is provided by an external 12 V power supply. Typical current draw with a 12 Volt input is < 500 mA. At the low supply limit of 10.5 Volts, the supply current rises approximately 10%. The increase in current is due to the internal DC/DC power supply converter compensating for the low power supply voltage.

Tune Up Procedure 2.1033(c)(9)

Tuning is accomplished via a computer controlled automated test jig. The operator is instructed to set the output level by tuning R608 so the output is set to +19dBm. The automated test jig then checks the output level at low, mid and upper parts of the frequency band to verify the transmitter is operating within limits.

All test limits are defined in a reference table in the software and are under ECO control.