

Tune-up Procedure for the Sport2 Microwave Assembly

1. Purpose

Make adjustments to the Sport2 microwave assembly to insure that the Gunn oscillator output is 24.125GHz.

2. Equipment

Power Supply and leads capable of 10VDC output.

RF Frequency Counter

Allen wrench, 0.050"

3. Equipment set-up

Adjust power supply to 10VDC.

Connect power supply leads to battery terminals of unit under test (UUT). Connect the minus and plus leads per figure.

4. Adjustment procedure.

Aim the antenna at the RF frequency counter horn. Turn the adjustment screw (see figure) to obtain 24.125GHz on the frequency counter.

