

NorCal Tuner Upper mod for 6m
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The following mod is to operate the Tuner Upper for 6 meters.
Remove the following parts: C1, C2, Q1, R1, Y1, R2 and T1.
Remove also C5, C6, C7, C8, L1, C9, C10, R3, R4, and R5.
It may be easier to start with a new kit.

You will need following parts:
50MHz TTL oscillator (Digikey PN#CTX176-ND)
51ohm 1206 resistor (axial lead resistor can be used)
78L05 TO92 voltage regulator

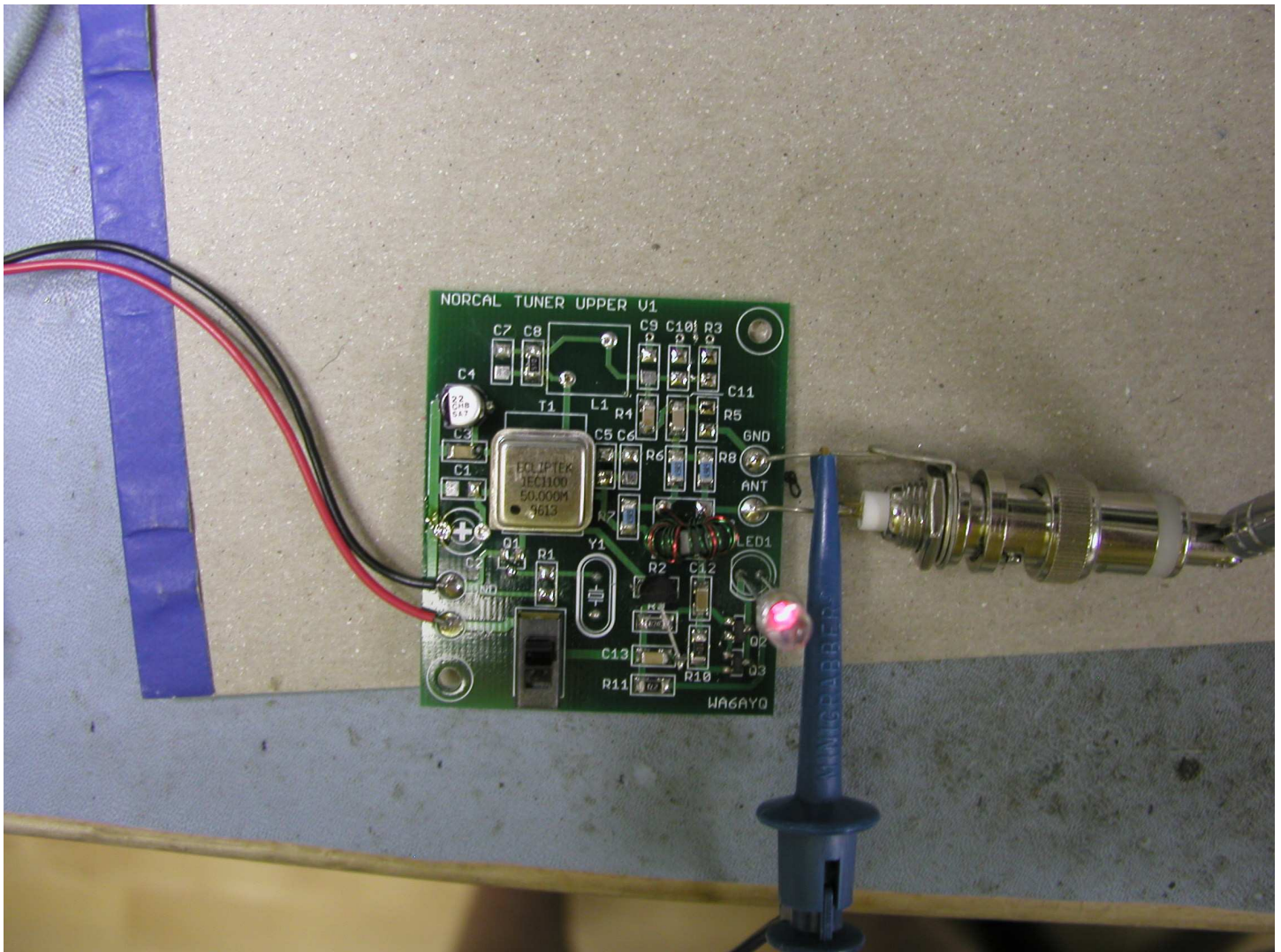
Instruction:

Solder two outer leads of voltage regulator at R2. Flat side should face toward R9. The center lead is soldered to C13 ground via. See the photo.

Shape the four leads of the TTL oscillator and insert into T1 location. See the photo.

Solder 51ohm 1206 resistor at C8 or axial lead into L1 location.

Place a jumper across R4.



Here is 6m TU connected to 4'8" whip and 4' test lead as ground. It's about 1.5:1 SWR and LED is slightly on.