

Realistic TRC-441 (ZAPPER 9000) Fo Mod.  
by J.V.

Zapper Reference Chart says to remove C200 capacitor and install Coax there. I found it necessary to leave C200 in the circuit and solder center wire of Coax to C200 lead next to T110. (I did this on the trace side of PCB, also left the shield disconnected.

VCO - T111 will require adjustment to both upper/lower Fo's. If the Fo's won't come in; replace D118 with a Super Diode; hasn't been necessary with all of these units.

Solid 4W from 26.515-27.855MHz on all units is normal.

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Realistic TRC-455 (SM5104-PLL) 26.325-27.405MHz Fo Mod.  
by J.V.

Quote: "This was a Butcher-Job rework; starting with another junker to make one good unit; and a few \$\$." Turned out very good with almost flat RF out across entire band.

Fo Mod:

1. Remove jumper from Pin 8 of PLL chip.
2. Isolate Pin 9 by cutting the etch.
3. Cut trace going to Pin 10.

Switch is a 3 position, 3 section slide; wiring diagram below. Use Vol 12, page 30 for lineup.

