

Needed Test Resistive-only Loads: short, 12.5Ω, 50Ω, 75Ω, 100Ω and 200Ω

Initial Readings

NOTE: supplied by 12Vdc WELL filtered, 10MHz in 10-27MHz range setting

Readings will be in **hexadecimal** format

Test Load	Normal mode		Calibration Mode <i>Readings will be in hexadecimal format</i>		
	Rs	Xs	Rxx	Sxx	Zxx
Open					
Short					
12.5Ω					
50Ω					
75Ω,					
100Ω					
200Ω					

UHF Mode(430MHz:

Load:100Ω Adjust: R56 Set SWR Meter Needle over 2

HF Mode(10.000 MHz on the 10-27MHz range setting)

Load:OPEN Adjust R72 to Vz=FFx

Load: SHORT Adjust R73 to Vs=FFx

Load: 12.5Ω Adjust R109:Vz=333h and Adjust R53:Vr=999h

Load 200Ω Adjust R108:Vs=333h and R72:Vz=CCCh

Load 75Ω Adjust R28:Vr:Vr=333h

Load: 12.5Ω REAJUST R109:Vz=333h and R73:Vs=CCCh AND REAJUST R53:Vr=999h

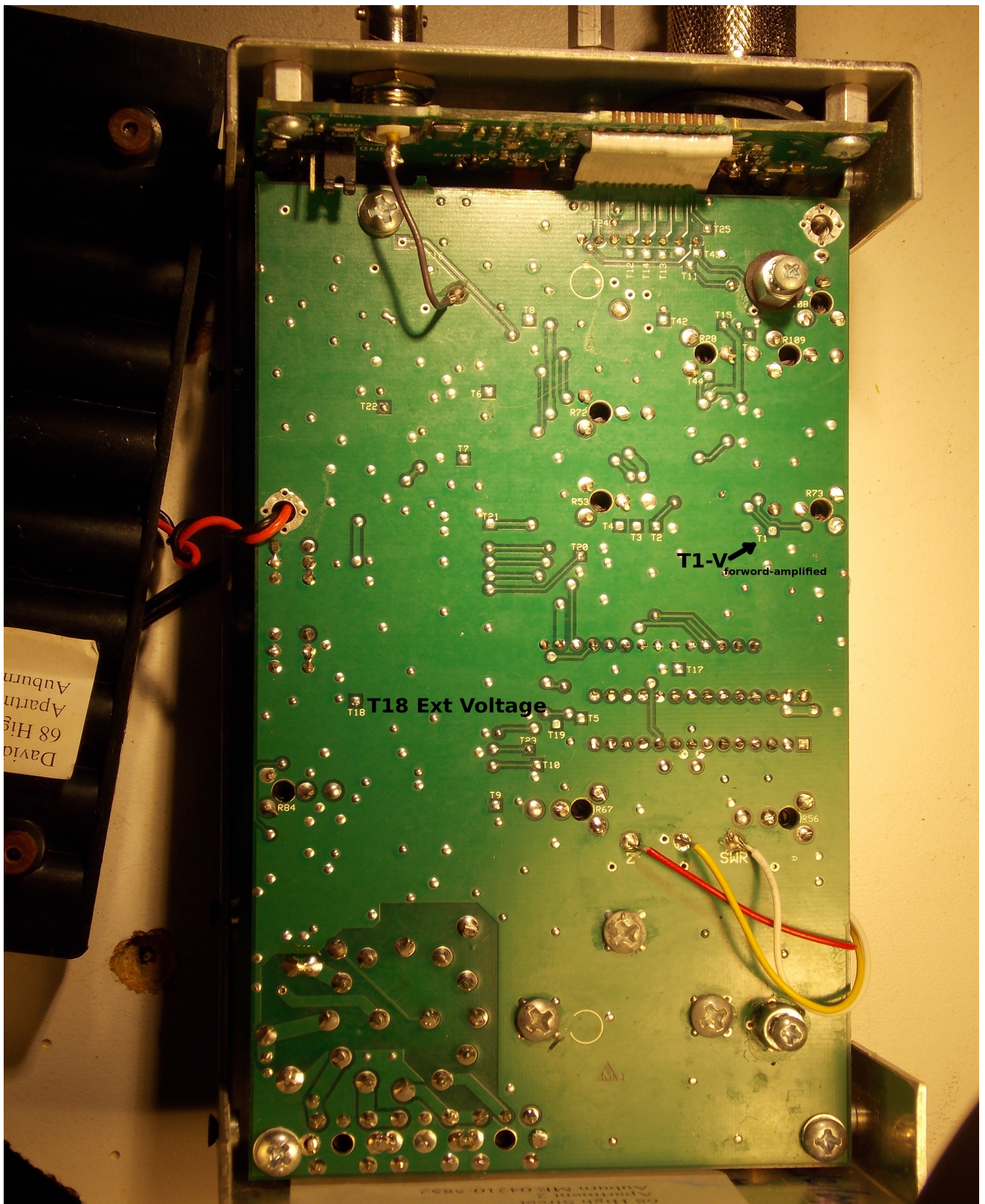
Load 200Ω REAJUST R108:Vs=333h and VERIFY R72:Vz=CCCh

Load 75Ω Adjust R28:Vr:Vr=333h

REPEAT if needed

Load 50Ω Adjust R67 to put the impedance meter needle over 50Ω

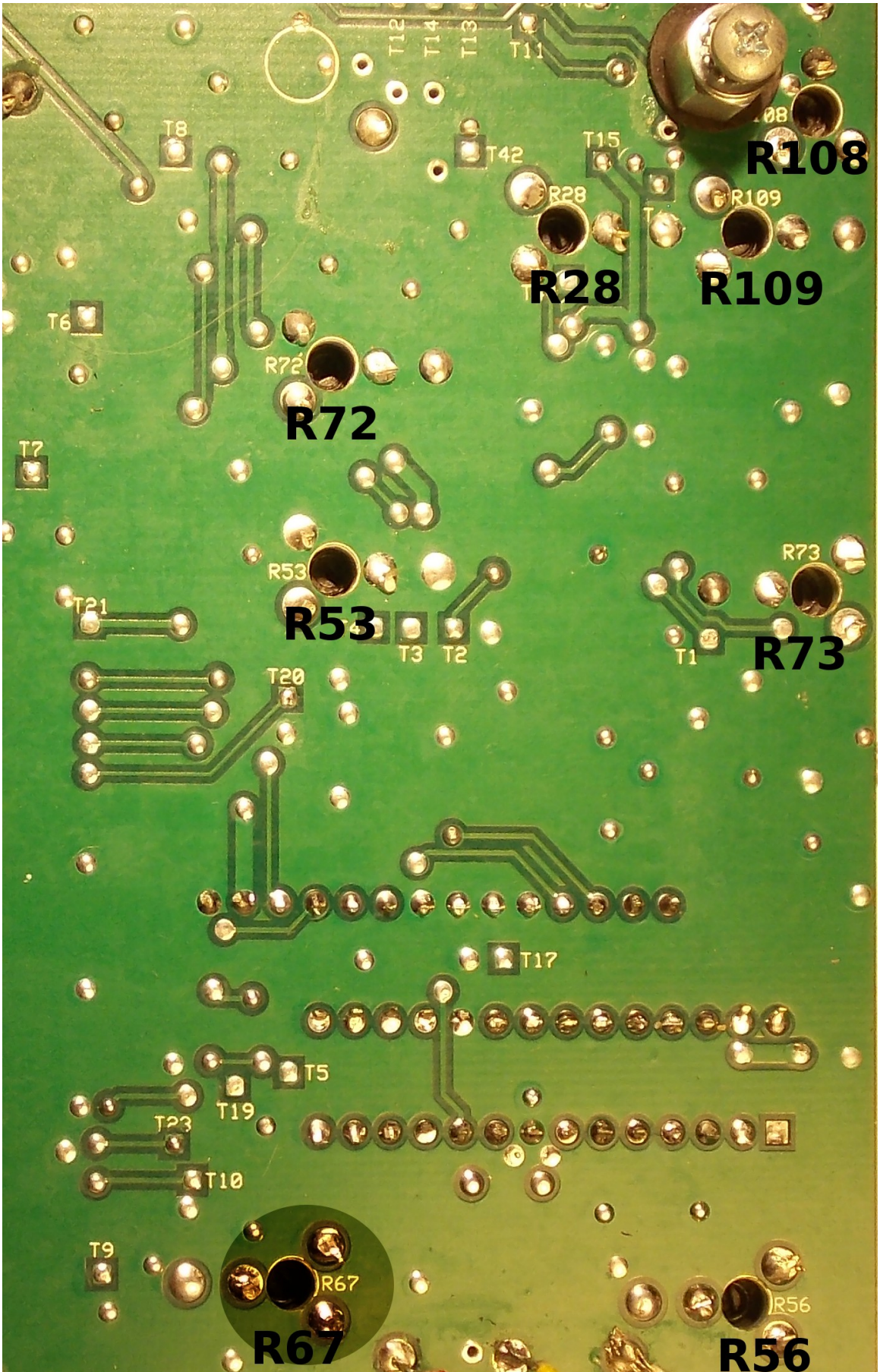
Load 50Ω Switch to UHF 430MHz VERIFY swr=1.0 and zero on impedance meter



T18 Ext Voltage

T1-V forward-amplified

DAVID
68 High
Apartment
Auburn



R108

R28

R109

R72

R53

R73

R67

R56