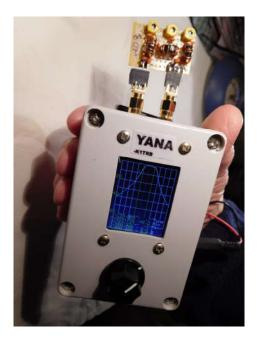# Yana
Yet Another Network Analyzer
A great Personal or Club Project
Low Cost

Imagine: a ham lab in your hand, and you made it. That is Yana.
1. **SNA: A Scalar Network Analyzer**
2. **SWR: A SWR/Antenna Analyzer**
3. **PWR: A Power Meter**

All in a small portable handheld instrument you can make as your own or club project. And Yana is low in cost. You can measure and tune amplifiers and filters. Prune your antenna to resonance and adjust your antenna tuner to top performance. And measure powers all the way from microwatts to 100 watts.

Critical parts are inexpensive modules available on eBay. Wiring is by means of a harness so the modules of Yana are just plugged together. Other parts are simple and built on perfboard for ease of construction.

Firmware is open, powerful, and free. Experiments are available to guide you on your measurements. Further, Yana is expandable: already there is a Bluetooth enabled YanaVNA-BT. Empower your homebrew projects: build Yana.

Details appear at:
http://personal.colby.edu/personal/t/trberger/pages/hamradio.htm
and
http://www.rudiswiki.de/wiki9/YanaVNA-BT/
Brought to you by Tom, K1TRB, and Rudi, DL5FA.