

## Test Equipment References – N2CX Oct 2006

### Personal web pages

- W7ZOI Web Page lots of homebrew info!  
<<http://users.easystreet.com/w7zoi/w7zoi-page.html>>
- N5ESE Web page examples of homebrewing and HB test equipment  
<<http://www.io.com/~n5fc/>>
- K8IQY Test Equipment (including the precision VXO and uses for xtal testing)  
<<http://www.k8iqy.com/testequipment/TestEquipment.htm>>
- Paul Harden NA5N hobby page also tutorials - great scope tutorial  
<<http://www.aoc.nrao.edu/~pharden/hobby/Hobby.shtml>>
- KD1JV - prolific homebrewer when not off wandering on the AT!  
<<http://kd1jv.qrpradio.com/>>
- K1SWL noise bridge  
<[http://www.smallwonderlabs.com/nb\\_instr.pdf#search=%22k1swl%20noise%20bridge%22](http://www.smallwonderlabs.com/nb_instr.pdf#search=%22k1swl%20noise%20bridge%22)>
- N0SS simple noise generator and Spectrogram applications  
<<http://www.n0ss.net/>>

### Club web sites

- NORCAL QRP Club – FCC-1, FCC-2, etc.  
<<http://www.norcalqrp.org/>>
- AmQRP – Elsie, PVXO, Micro908, etc.  
<<http://www.njqrp.org/pvxo/index.html>>
- Four State QRP Group KD1JV RF SWR/Power Meter  
<<http://www.4sqr.com/>>

### Vendors

- Kanga US - test equipment and qrp gear  
<<http://www.kangaus.com/>>
- Elecraft  
<[www.elecraft.com](http://www.elecraft.com)>
  - Products

- 2T-gen 2-Tone Test Oscillator
- CP1 Directional Coupler 20 or 30 dB
- DL1 Wideband 20W Dummy Load (and detector)
- N-gen Wideband Noise Generator
- 
- K2 filter adjustment  
<[http://www.elecrafter.com/Apps/new\\_fil\\_docs/filter\\_apps.htm](http://www.elecrafter.com/Apps/new_fil_docs/filter_apps.htm)>
- Morse Express Kits, etc including the OHR WM2 Power Meter and other test equipment kits  
<<http://www.morsex.com/kits.htm>>
- Almost All Digital Electronics (AADE) LC Meter  
<<http://www.aade.com/lcmeter.htm>>
- Peak Atlas Semiconductor Analyser, LCR Meter, etc  
<[http://www.peakelec.co.uk/acatalog/jz\\_dca55.html](http://www.peakelec.co.uk/acatalog/jz_dca55.html)>
- M Cubed (ME) Electronix Semiconductor Analyzer, Power Meter/Frequency Counter, 40 dB Tap Attenuator  
<<http://www.m3electronix.com/>>
- Smart Tweezers  
<<http://smarttweezers.ca/>>
- Poor Man's Spectrum Analyzer  
<<http://www.science-workshop.com/>>

## General

- The General Radio Impedance Bridge Page  
<<http://www.jamminpower.com/main/GR%20Bridge.jsp>>
- RF current probes  
<<http://www.seed-solutions.com/gregordy/Amateur%20Radio/Experimentation/RFProbe.htm>>
- Analyzing Three Antenna Analyzers  
<<http://www.seed-solutions.com/gregordy/Amateur%20Radio/Experimentation/EvalAnalyzers.htm>>
- The Boat Anchor Manual Archive – great site for old equipment manuals  
<<http://bama.edebris.com/manuals/>>

- Shareware version of Spectrogram – audio spectrum analyzer using your computer sound card  
<<http://www.n0ss.net/spectrogram517.exe> >
- Latest version of Spectrogram (\$\$)  
<[www.visualisationsoftware.com/gram.html](http://www.visualisationsoftware.com/gram.html)>
- Homebrew Step Attenuator (ARRL – TIS)  
<<http://www.arrl.org/tis/info/pdf/9506033.pdf>>

### **Q Meter references:**

- <[http://www.radiomuseum.org/r/hp\\_boonton\\_q\\_meter\\_160\\_a.html](http://www.radiomuseum.org/r/hp_boonton_q_meter_160_a.html)>
- The Q-Meter, the Homebrewer's Friend, by Mike Czuhajewski, WA8MCQ, Oct 1991 ARCI QRP Quarterly Idea Exchange column
- Q Meter Update, by Mike Czuhajewski, WA8MCQ April 1992 ARCI QRP Quarterly Idea Exchange column
- Note: above refs are available on the web at:  
  
<<ftp://grp.lehigh.edu/pub/listserv/grp-l/articles/qmeter.mcq.z>>  
  
<<http://www.qsl.net/k5bcq/qmeter.htm>>
- “Boonton Q Meter Repair Hints and Comments”  
<[www.qsl.net/k5bcq/qmeter.htm](http://www.qsl.net/k5bcq/qmeter.htm)>
- An Experimental Q Meter  
<<http://users.tpg.com.au/users/ldbutler/QMeter.htm>>