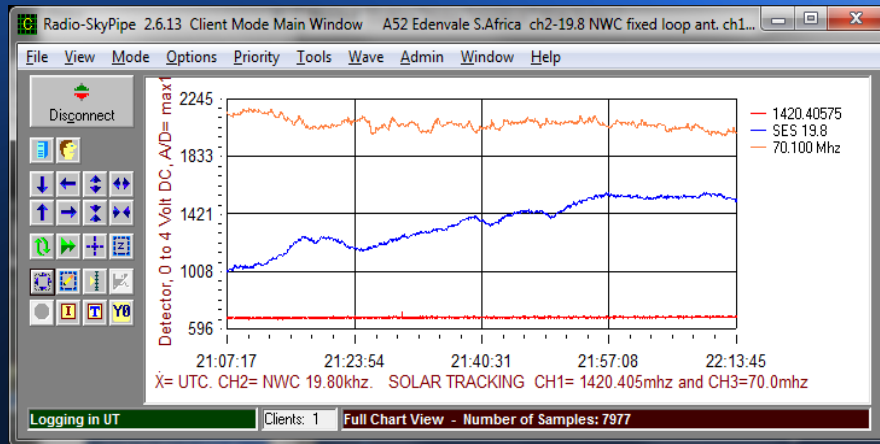


Radio-SkyPipe Basics



Ask how many people already use and how many intend to use the program.

Evolving since the late 90's.

Main Features

- Charts most any input at <50 samples/sec.
- Sound Card or external ADC inputs.
- Real-time sharing over a network.
- Optionally records wave files.
- Easy uploads to the Jove Archive.
- Calibration using one step calibrator.
- Apply math functions to inputs.

Getting Started

- Download Free version from radiosky.com.
- Jove Kit purchasers get a upgrade to Pro ver.
- After installing you should set up your Identity.
- I suggest using a \$14 USB sound card instead of your laptop internal sound hardware.
- Use 11025 Hz SR and “line in” input.
- Point Options/ Data Source to the sound card.

Getting Started cont'd.

- Connect to the receiver and test.
- Run the Calibration Wizard if you have a calibration noise source.
- If you intend to serve data over the internet, configure Options / Connection and port forwarding on your router.

Calibration Wizard

- Calibration is for Antenna Temp in Deg. K.
- You must know your system losses. If you use the standard Jove system, these are given for you.
- Go to Tools / Calibration Wizard.
- Follow step-by-step instructions.

Do a cal wizard demo.

Uploading to Jove Archive

You may upload the following types of files to the Jove Archive after acquiring a use ID and password.

- Radio-SkyPipe data files (*.spd)
- Wave files.
- Supporting text files.
- Chart screen shots (images).

Stuff you may not know about RSP

- Several thousand lines of VB6 code.
- User Data Sources.
- Observer log.
- Audio spectrum display.
- Chart notations.
- Triggered automation.
- Equations

More RSP goodies

- Chart Peak Frequency
- Chart Pulse Count.
- Cross Correlation (experimental).