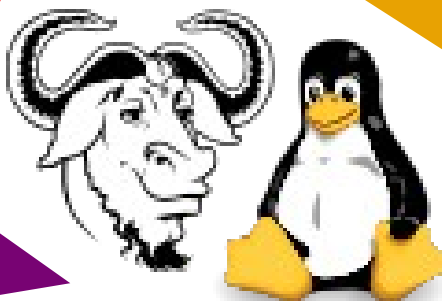


LINUX pour

les radio amateurs



Préparé par F4LBH

Radio-Club
Cyrano
F6KHS

Ressources disponibles sous LINUX

- CHIRP
- SDR
- NanoVNA
- TinySA
- Rig Control
- Analyseur d'antenne
- Carnet trafic QSL
- Propagation
- Antennes
- Électronique
- Etc.

Les Distro spécialisées

- SKYWAVE Linux (Mint + XFCE + pack logiciels)
<https://www.f4hxn.fr/skywave-linux-une-distribution-s-linux-dediees-radioamateurs/>
- DRAGON OS
<https://sourceforge.net/projects/dragonos-focal/>
- ShackBox : non maintenue depuis 2018
- FDGnuX : idem
- ANDY'S Distro : ma préférée. KB10IQ a laissé sa distro de côté pour proposer un script d'installation automatique des programmes.
<https://sourceforge.net/projects/kb1oiq-andysham/>

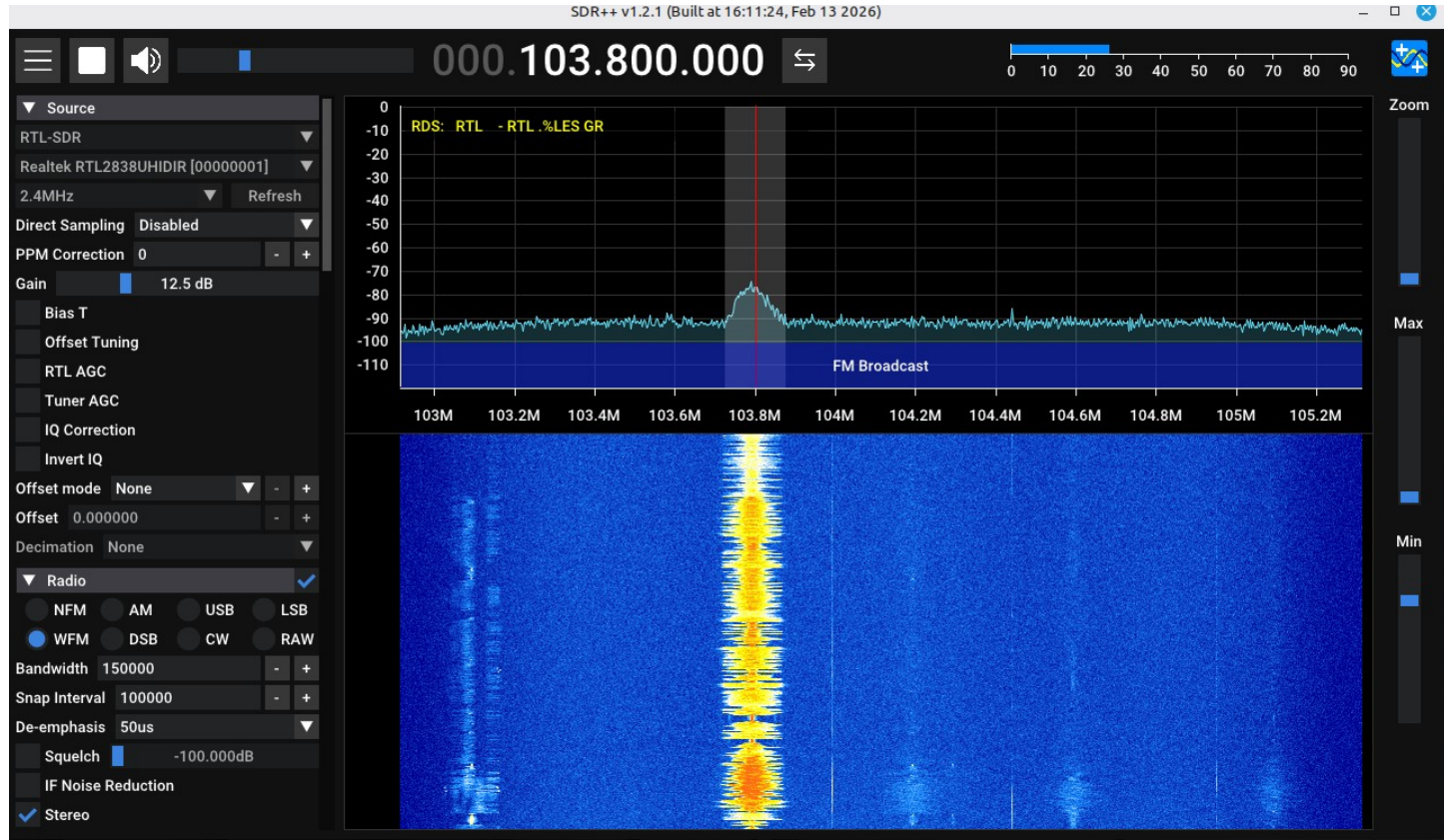
CHIRP

- Natif sous Linux :



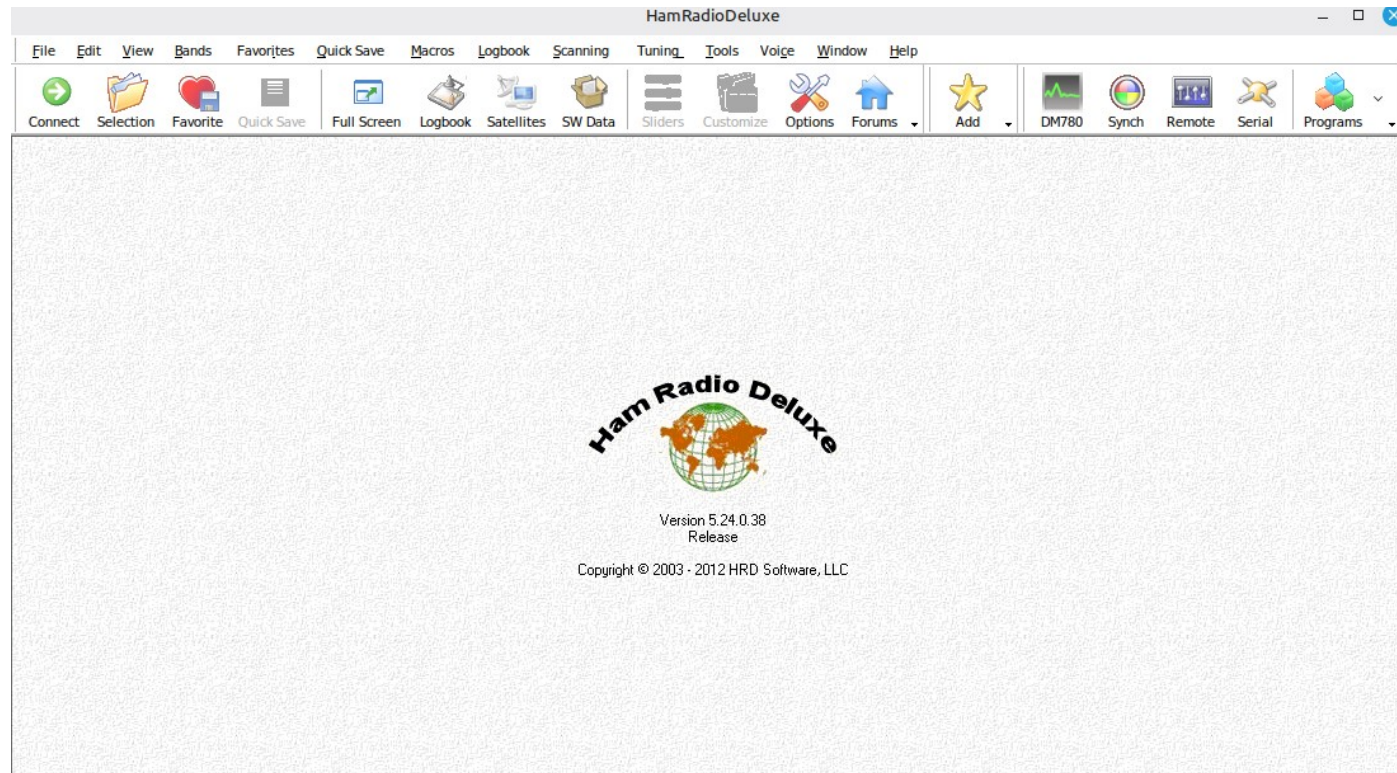
SDR

- Nombreux logiciels SDR natifs (SDR++, GQRx, etc.)



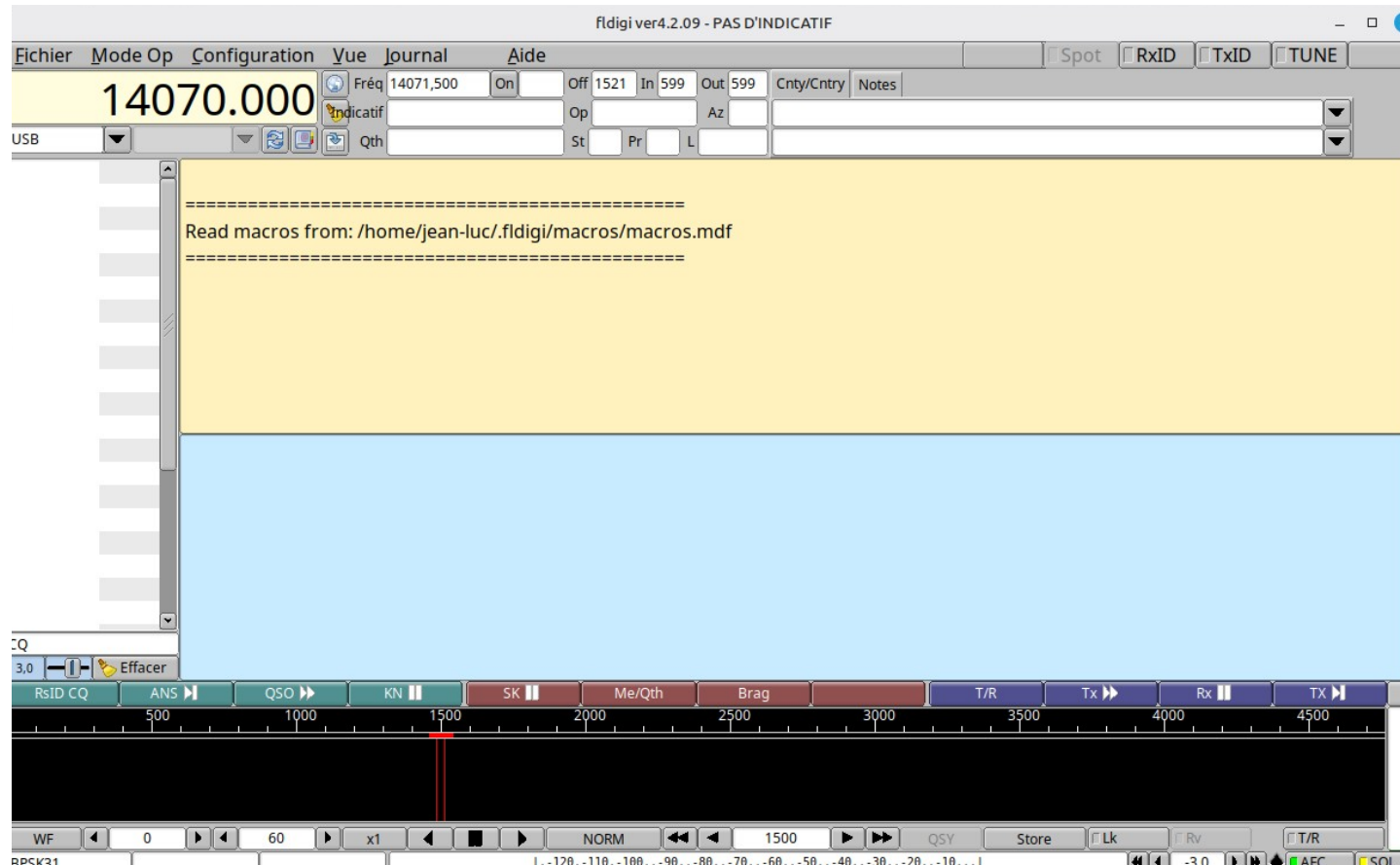
Contrôle du TX : Ham Radio Deluxe

- La version 5.24 de Ham Radio Deluxe est installable sur Linux avec Wine :



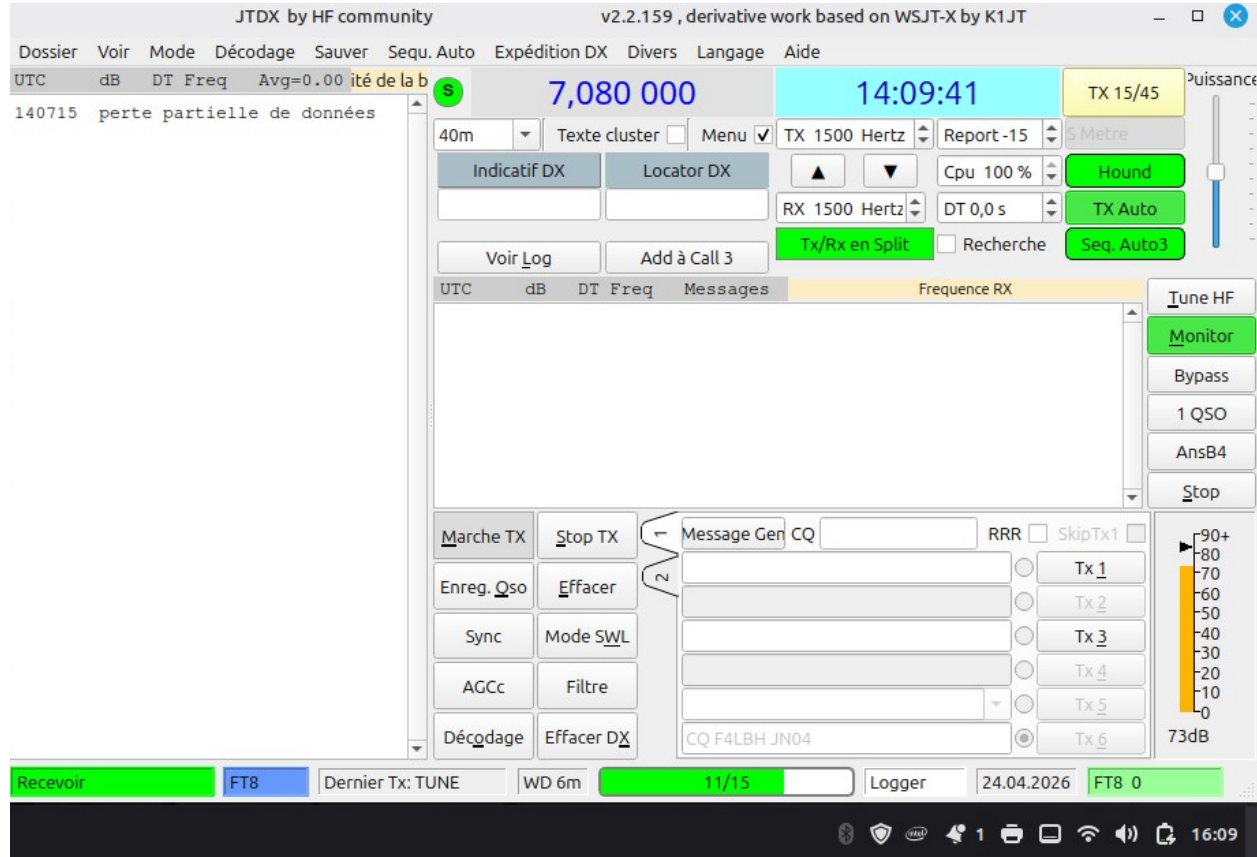
Contrôle du TX : FLdigi

- Natif sous Linux :



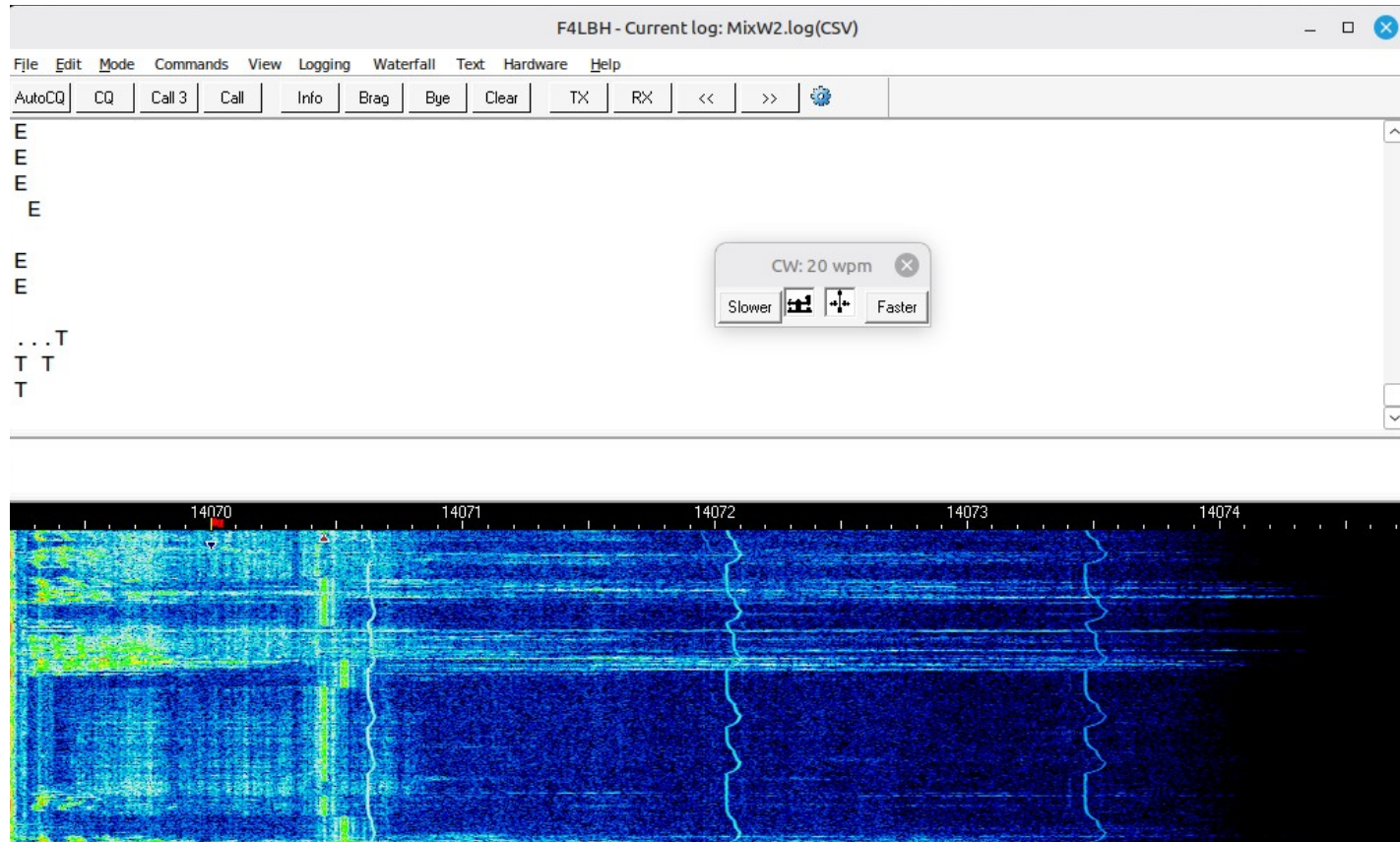
Contrôle du TX : JTDX ou WJTD-X

- Fonctionne nativement sous Linux :



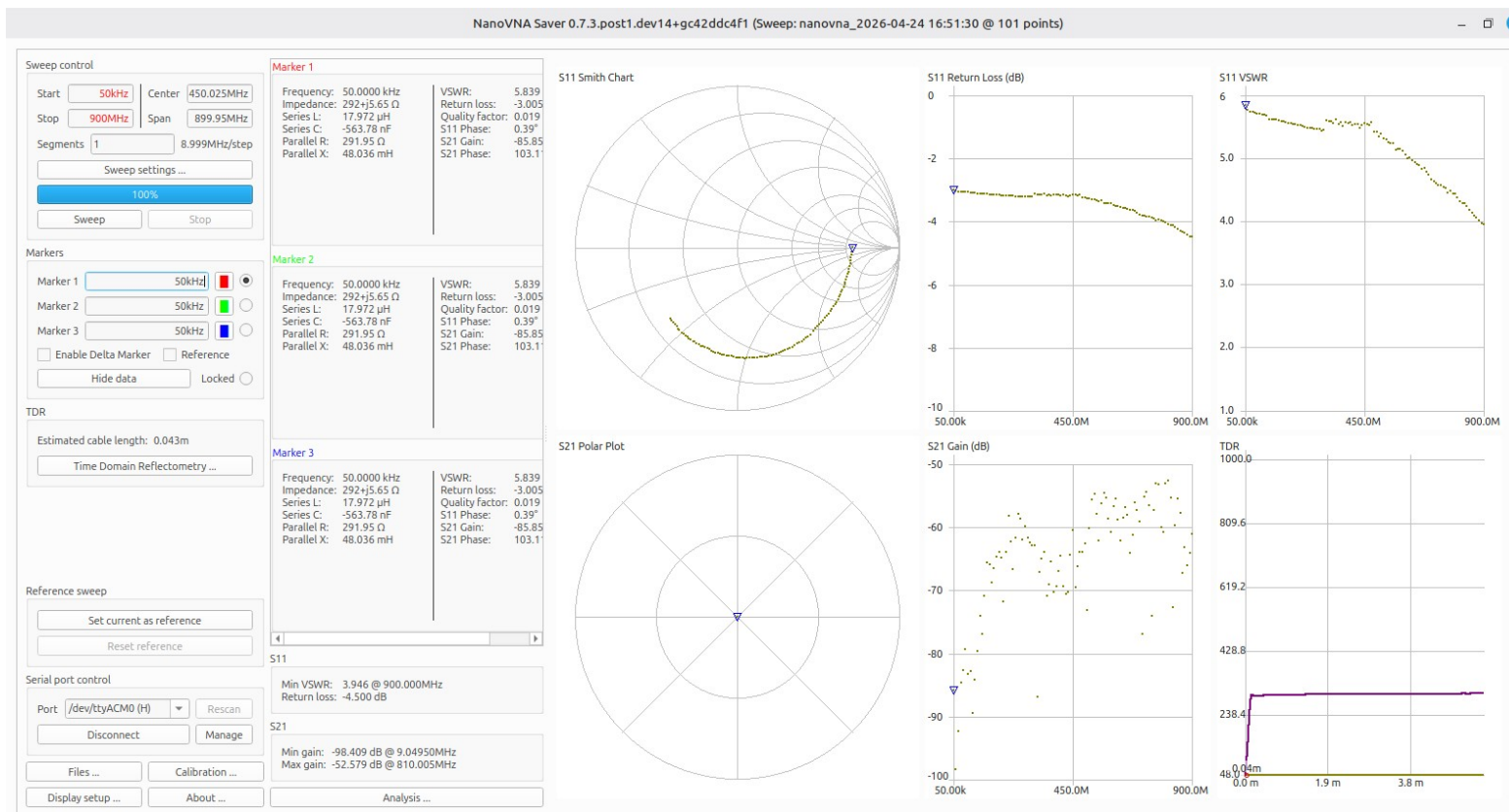
Contrôle du TX : MixW

- Fonctionne avec Wine sous Linux :



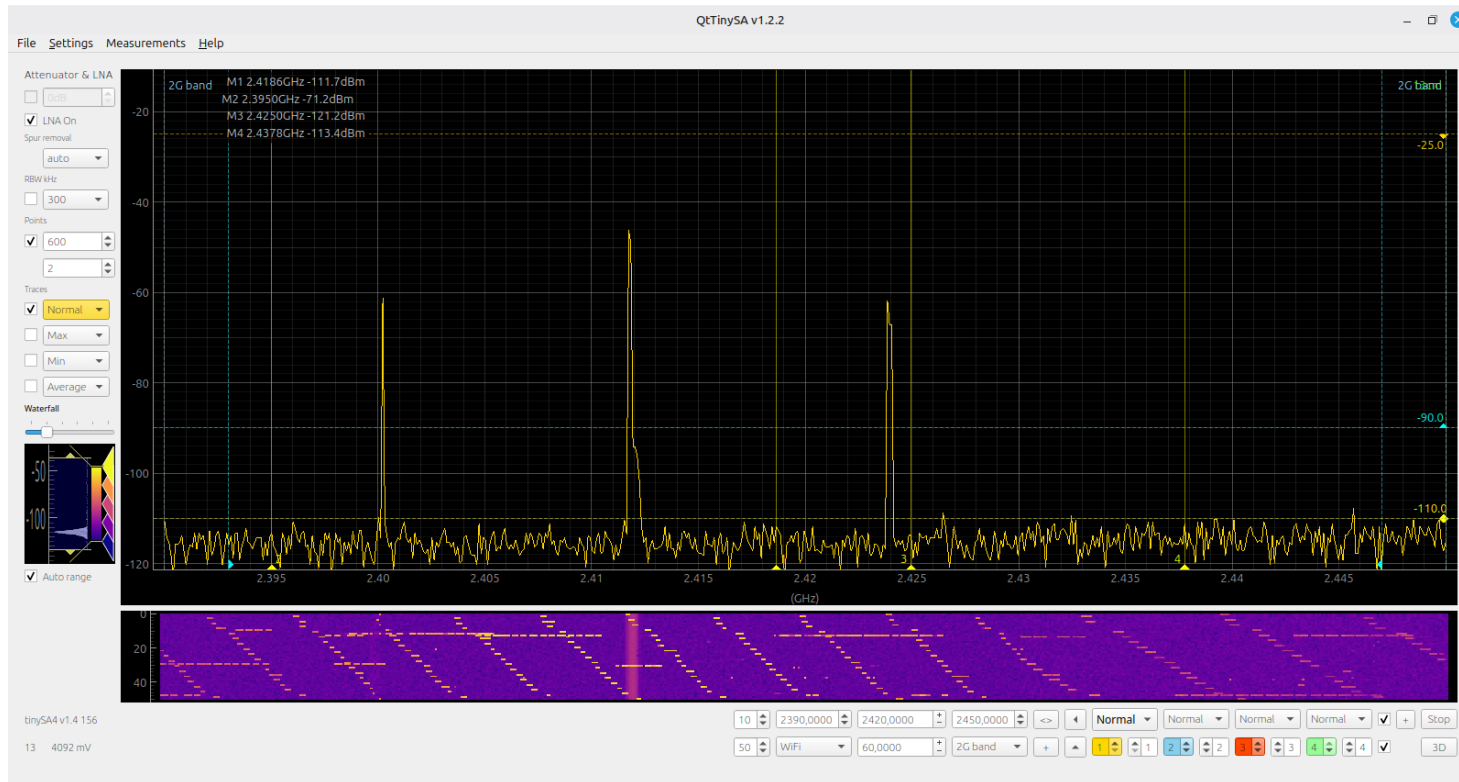
NANO VNA

- Nano VNA Saver est natif sous Linux :



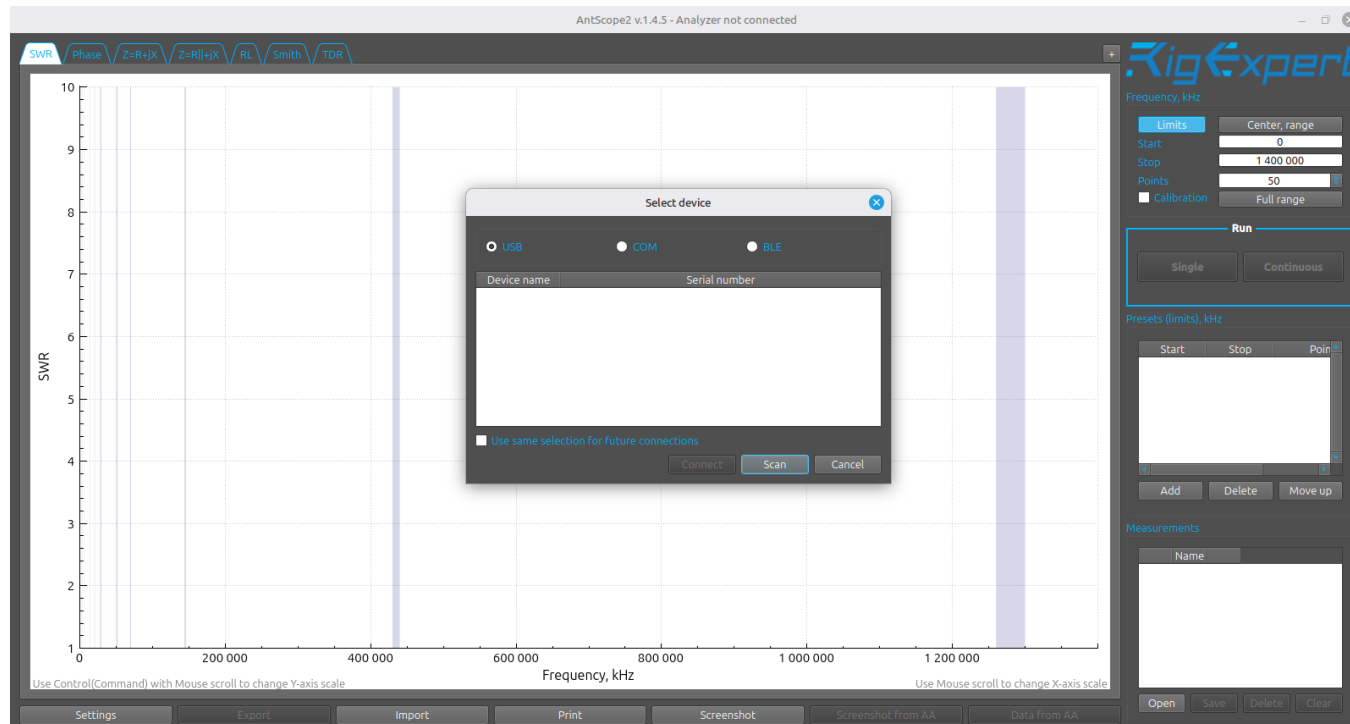
TinySA

- QT TINY SA natif sous Linux :



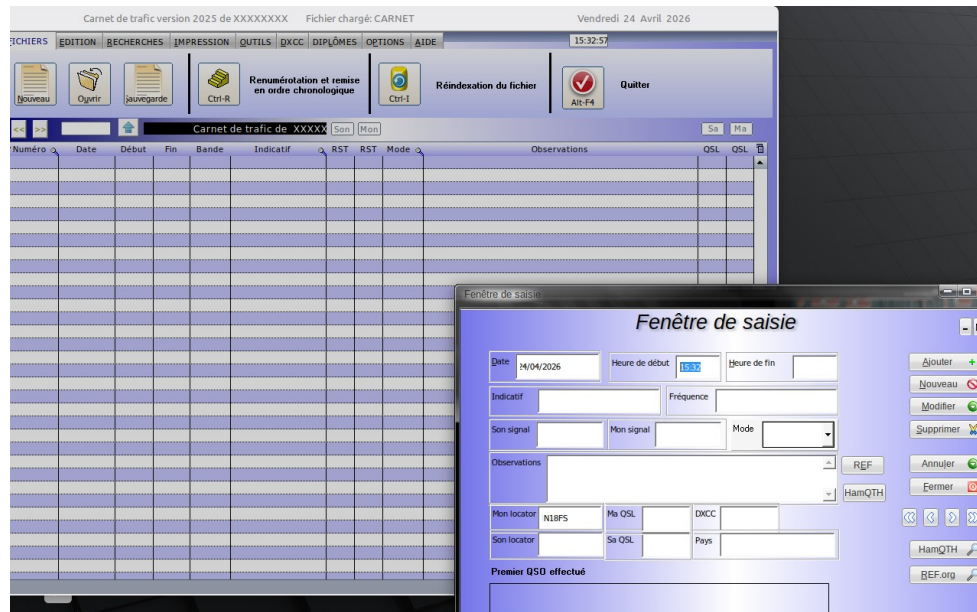
Analyseur d'antenne MINI 1300

- Antscope 2 : Pas réussi à connecter...



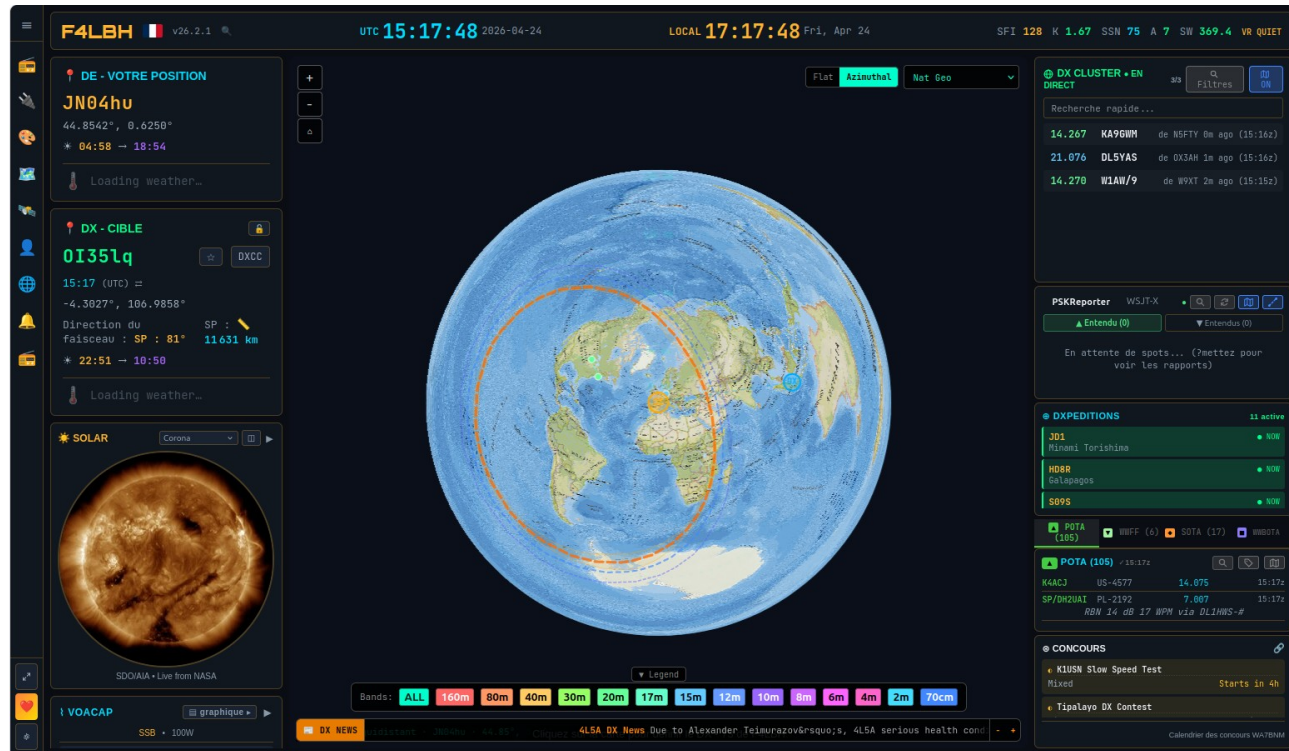
Carnet de trafic et QSL

- TQSL natif Linux
- F6ADE : s'installe avec Wine mais plante...



PROPAGATION

- HAMCLOCK : superbe mais bientôt débranché
- OPENHAMCLOCK : www.openhamclock.com



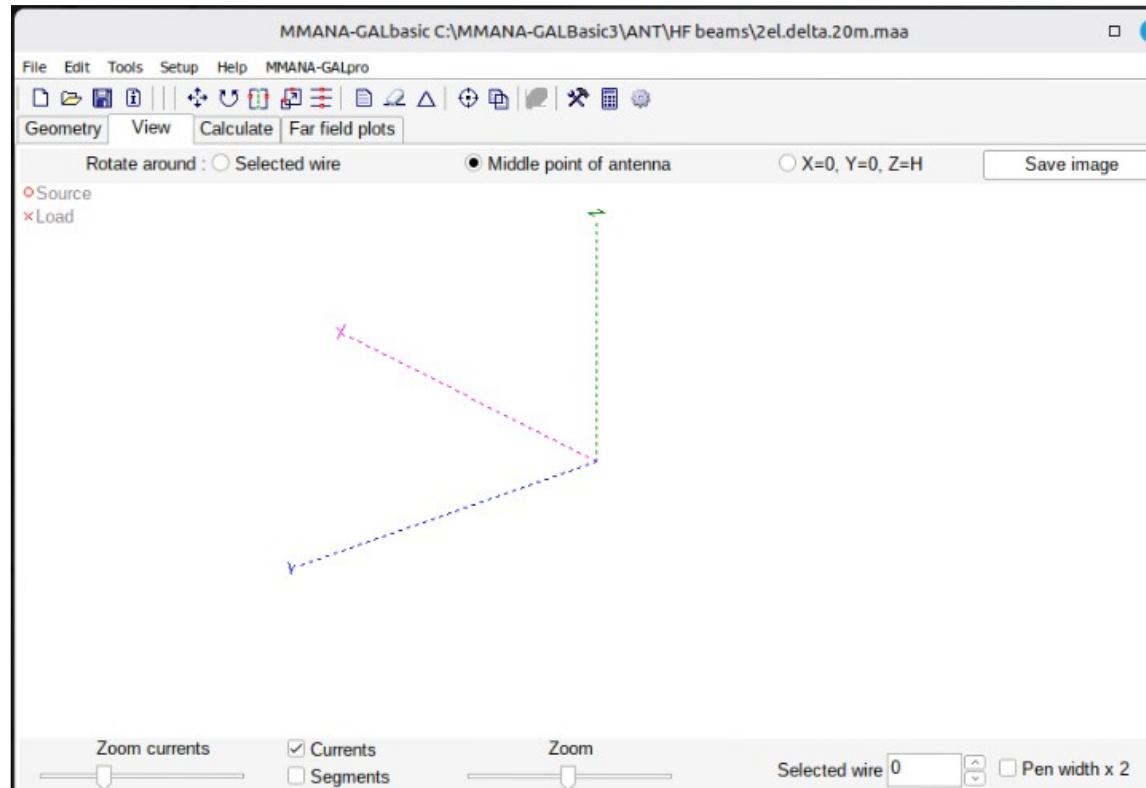
Calcul d'antenne

- FL MoxGen :

The screenshot shows the FL_MoxGen software window. It features a menu bar with 'File' and 'Help'. Below the menu bar, there are input fields for 'Frequency (MHz)', 'Wire Size', and a dropdown menu for 'AWG'. A 'Calculate' button is positioned to the right of these inputs. The central part of the window displays a diagram of a rectangular antenna. The diagram is divided into three horizontal sections: 'Feedpoint' at the top, 'Driven Element' in the middle, and 'Reflector' at the bottom. Dimension lines with arrows indicate the following measurements: 'A' for the total width, 'B' for the height of the feedpoint, 'C' for the height of the driven element, 'D' for the height of the reflector, and 'E' for the total height. To the right of the diagram, there are five input fields labeled A, B, C, D, and E, each followed by a unit selector (in, ft, m, mm). Below these fields is a 'Result Units' section with four radio buttons: 'Inches' (selected), 'Feet', 'Millimeters', and 'Meters'. A 'Quit' button is located at the bottom right of the window.

Calcul d'antenne

- Nec2C : non validé
- MMANA : s'installe avec WINE, à valider



- KiCad natif sous Linux :



Conception mécanique

- BLENDER natif (et gratuit) sous Linux :

