

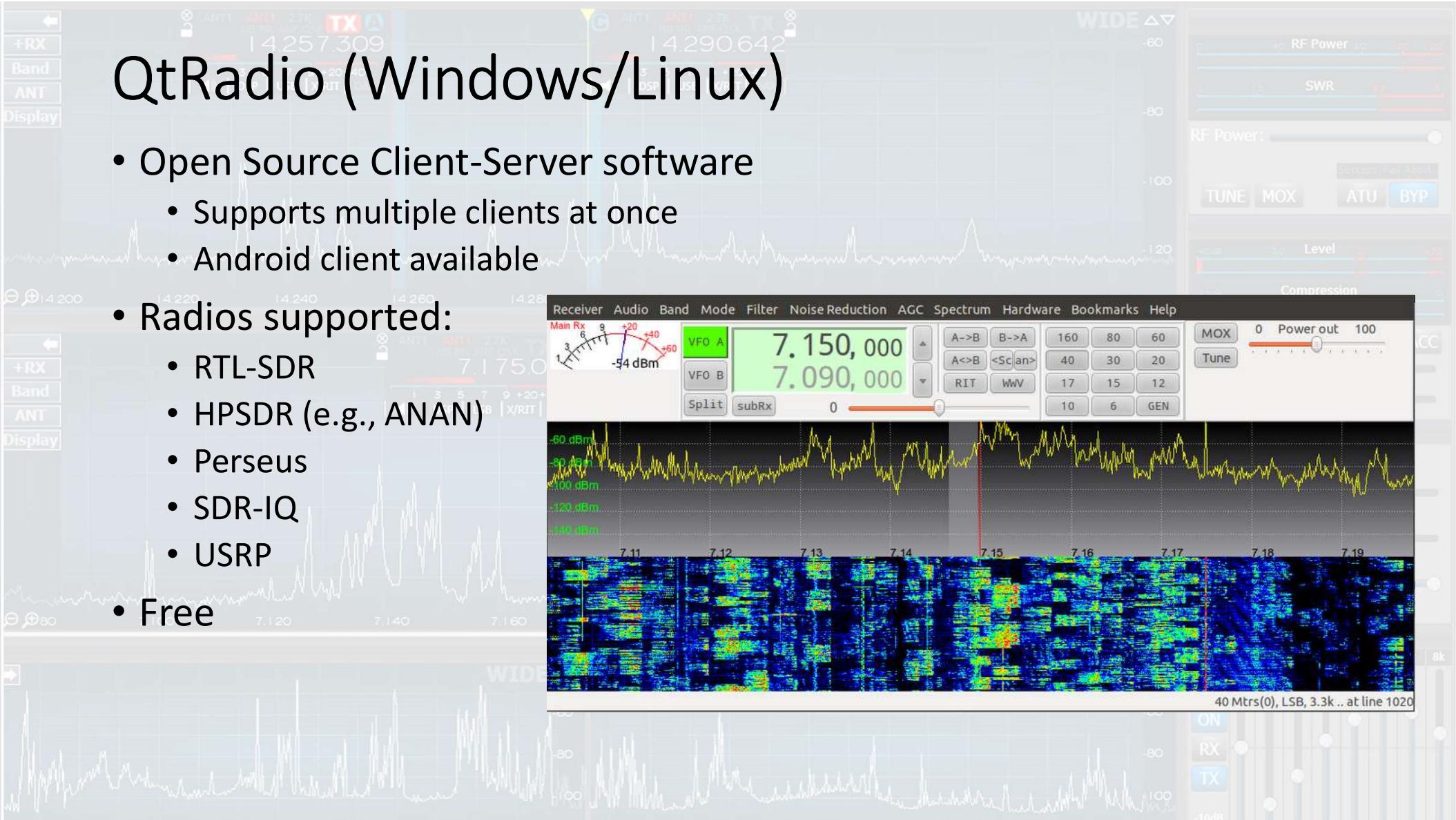
# PowerSDR/OpenHPSDR mRX

- Derived from the OpenHPSDR code base
- Primary support is for the ANAN (Apache Labs) radios
  - Versions for other radios such as Odyssey TRX
- Free



# QtRadio (Windows/Linux)

- Open Source Client-Server software
  - Supports multiple clients at once
  - Android client available
- Radios supported:
  - RTL-SDR
  - HPSDR (e.g., ANAN)
  - Perseus
  - SDR-IQ
  - USRP
- Free



# SdrDX (Windows/Mac)

- Free
- Based upon open source CuteSDR
- Supports:
  - all RF Space radios
  - FunCube Pro and Pro+
  - AFEDRI
  - RTL-SDR
  - More being added



# SDR-Radio V2/V3

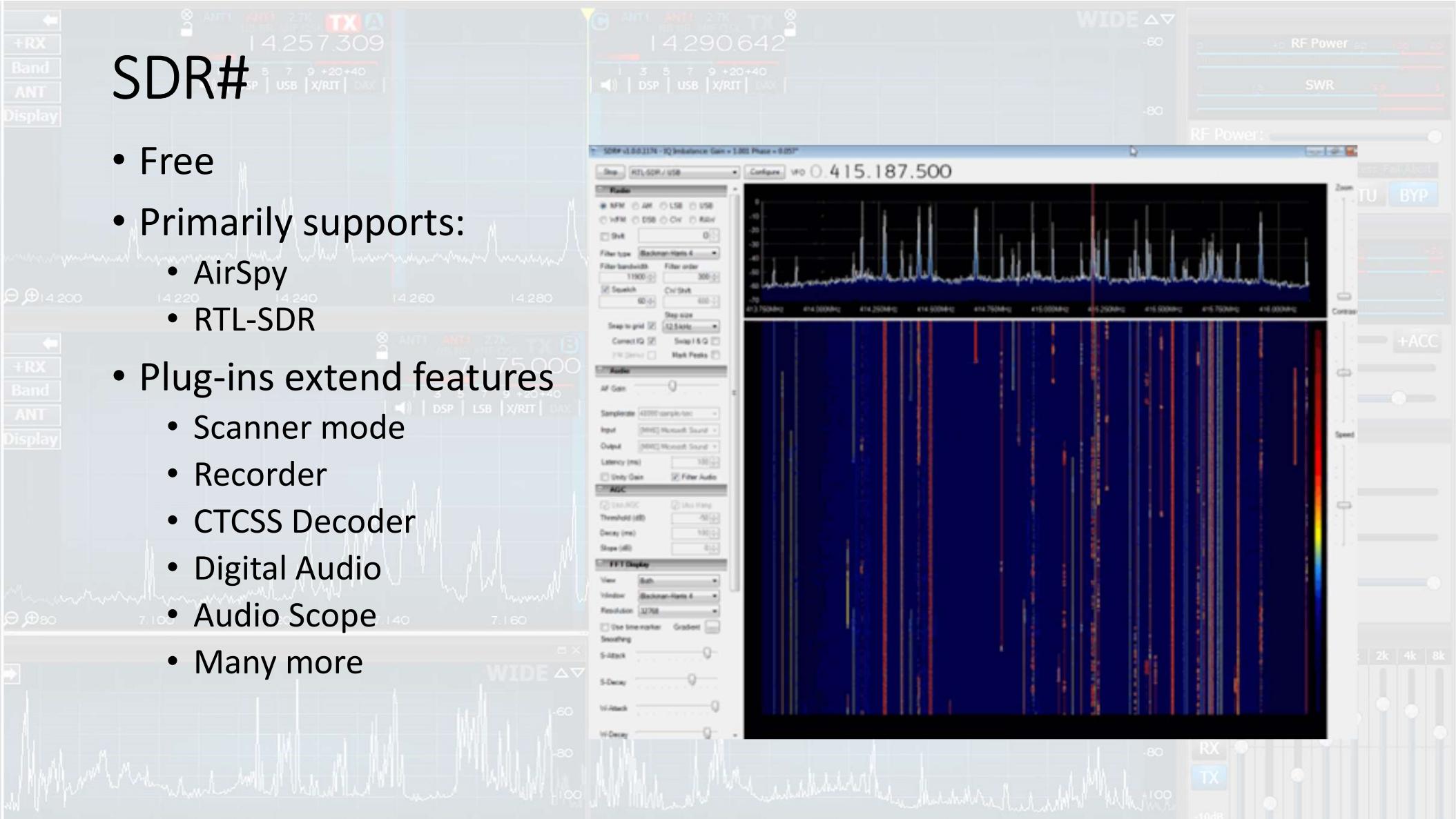
- Free
- Supported Radios:

- AFEDRI
- AirSpy
- ANAN (Apache Labs)
- BladeRF
- Cross Country Wireless
- Dxpatrol
- ELAD
- HackRF
- Perseus
- RFSSpace
- RTL Dongles
- SDRplay



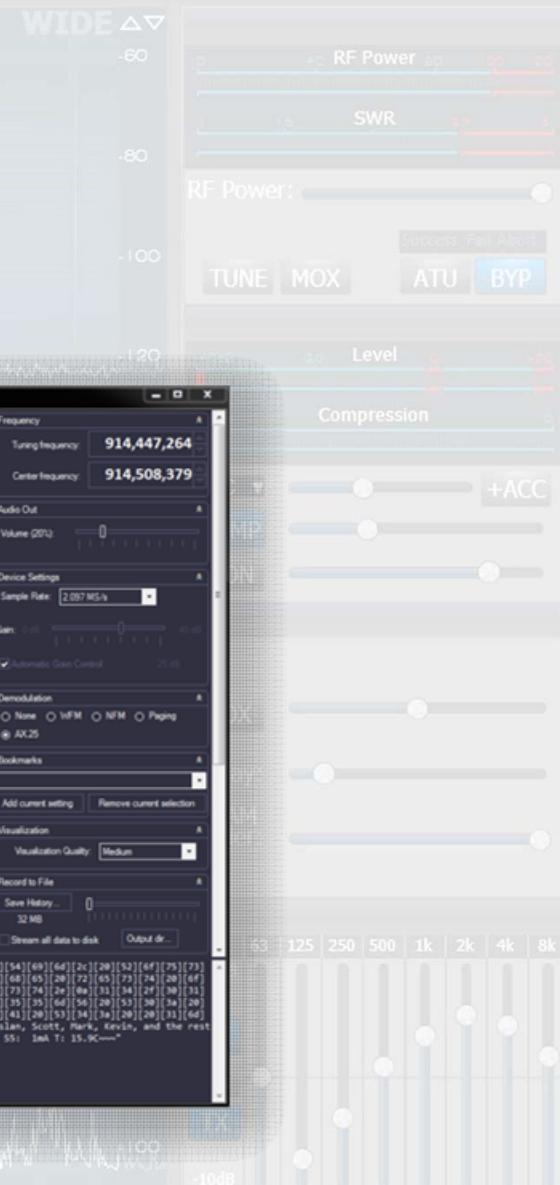
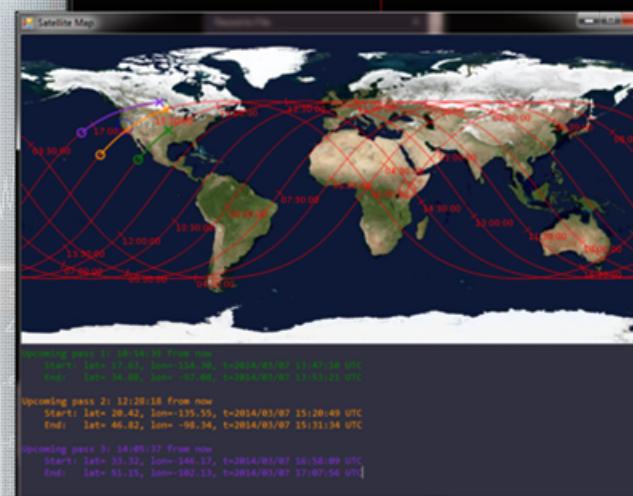
# SDR#

- Free
- Primarily supports:
  - AirSpy
  - RTL-SDR
- Plug-ins extend features
  - Scanner mode
  - Recorder
  - CTCSS Decoder
  - Digital Audio
  - Audio Scope
  - Many more



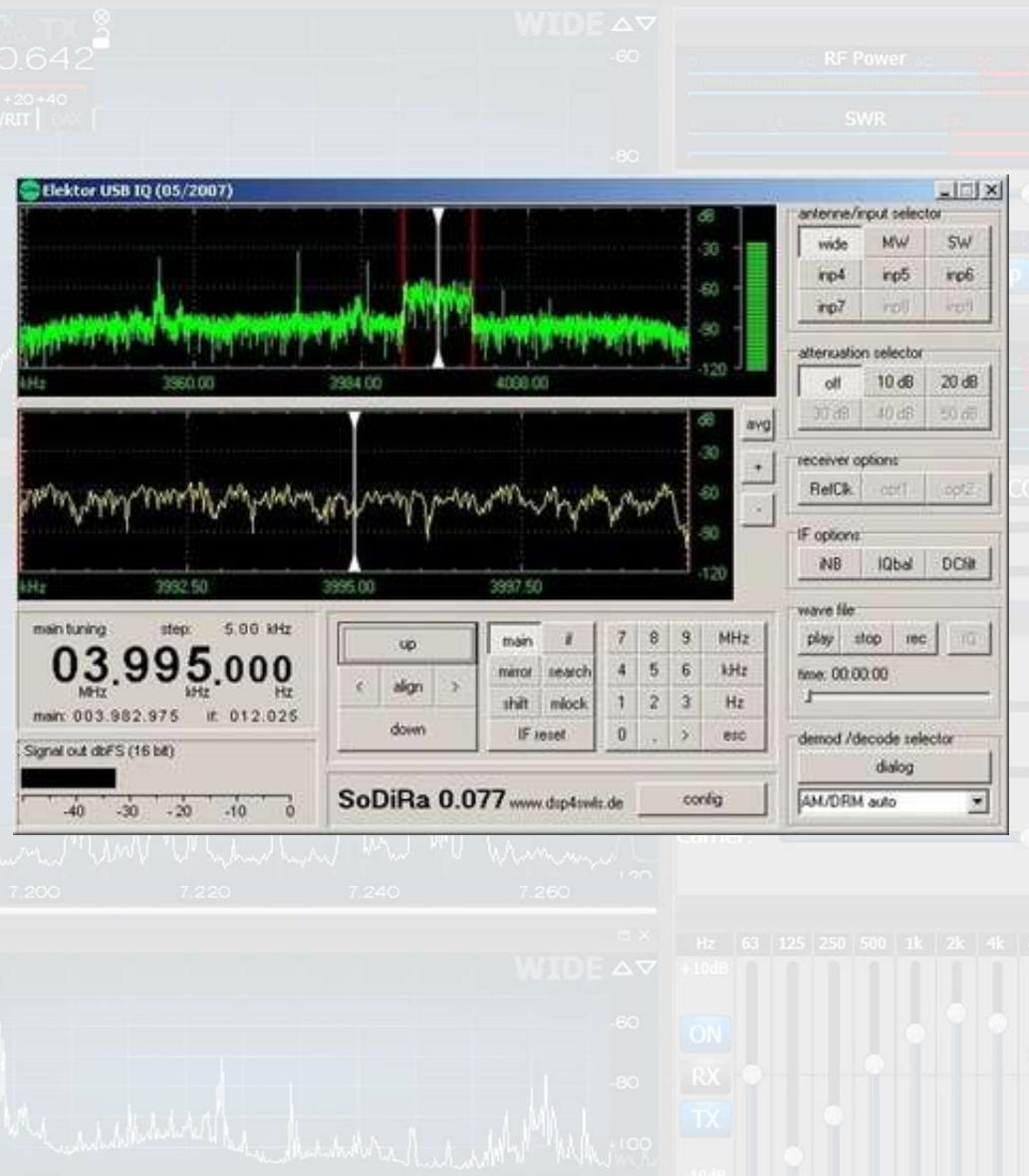
# SeeDeR

- Free (non-commercial use)
- Focused on SkyCube satellite telemetry
  - Built-in AX.25 decoder
  - Built-in pass predictor
- Radios:
  - RTL-SDR
  - FUNcube
  - BladeRF



# SoDiRa

- Free
- Radios:
  - Same as HDSDR
  - Uses ExtIO DLLs
- Modes:
  - AM, SAM, AM stereo
  - LSB, USB
  - FM, FM broadcast, DRM30, DRM+
  - AMSS, DCF77, RDS



# Studio1

- \$165
- Supported radios:
  - Elad FDM-S1 and S2
  - RFSpace radios
  - USRP
  - Winradio Excalibur
  - FunCube dongles
  - RTL2832U-based RTL dongles
  - Any radio with an ExtIO.dll
  - Very efficient DSP decoding
    - Accurate spectra, up to 8 FFT windows
    - dBm readout



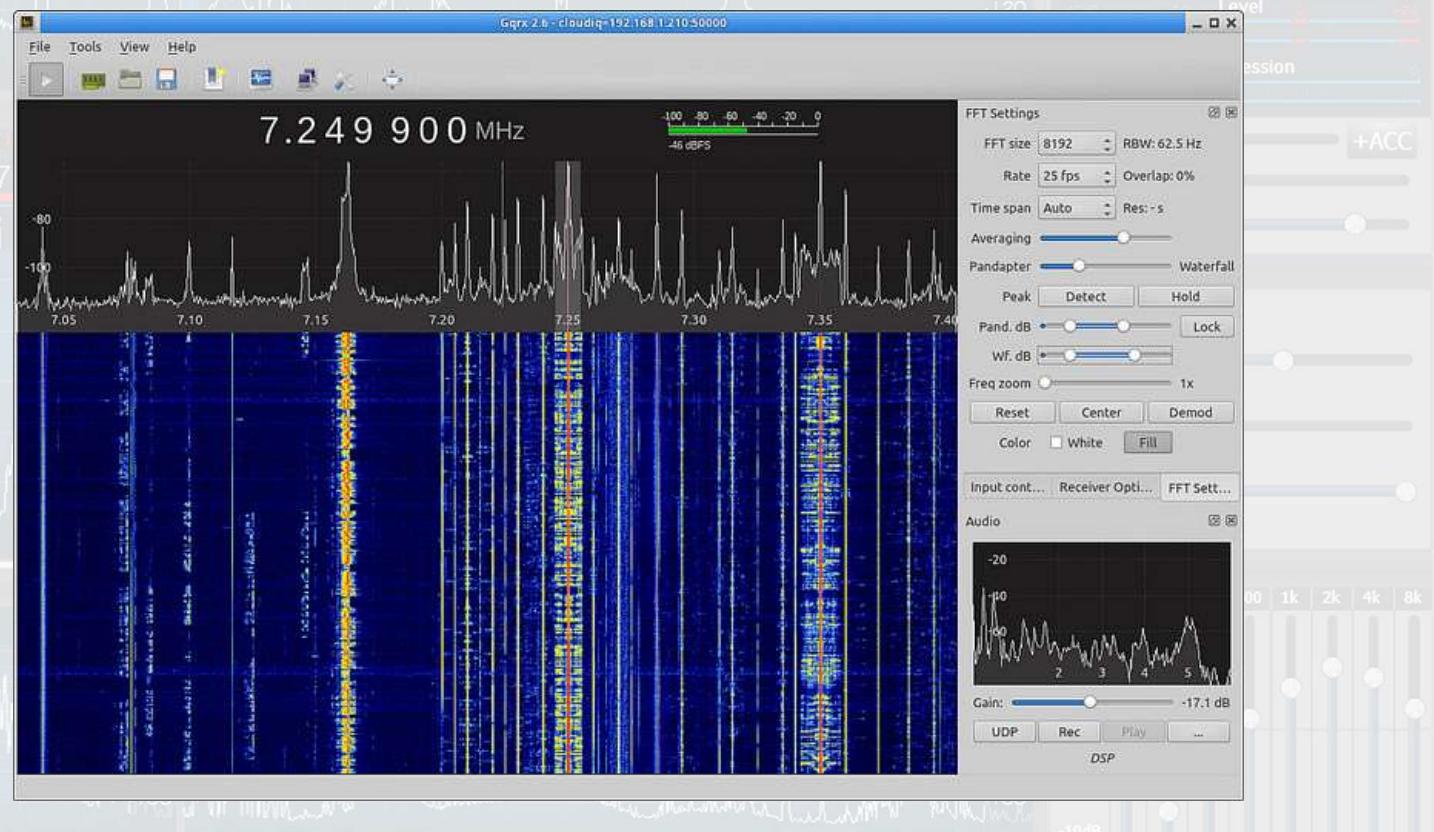


# Third Party SDR Software - Linux

- GQRX (Linux/Mac) (<http://gqrx.dk/>)
- Sdrangelove (<http://osmocom.org/projects/sdr/wiki/sdrangelove>)
- ShinySDR (Web-based) (<https://kpreid.github.io/shinysdr/>)
- WebRadio (<https://github.com/mikestir/webradio>)

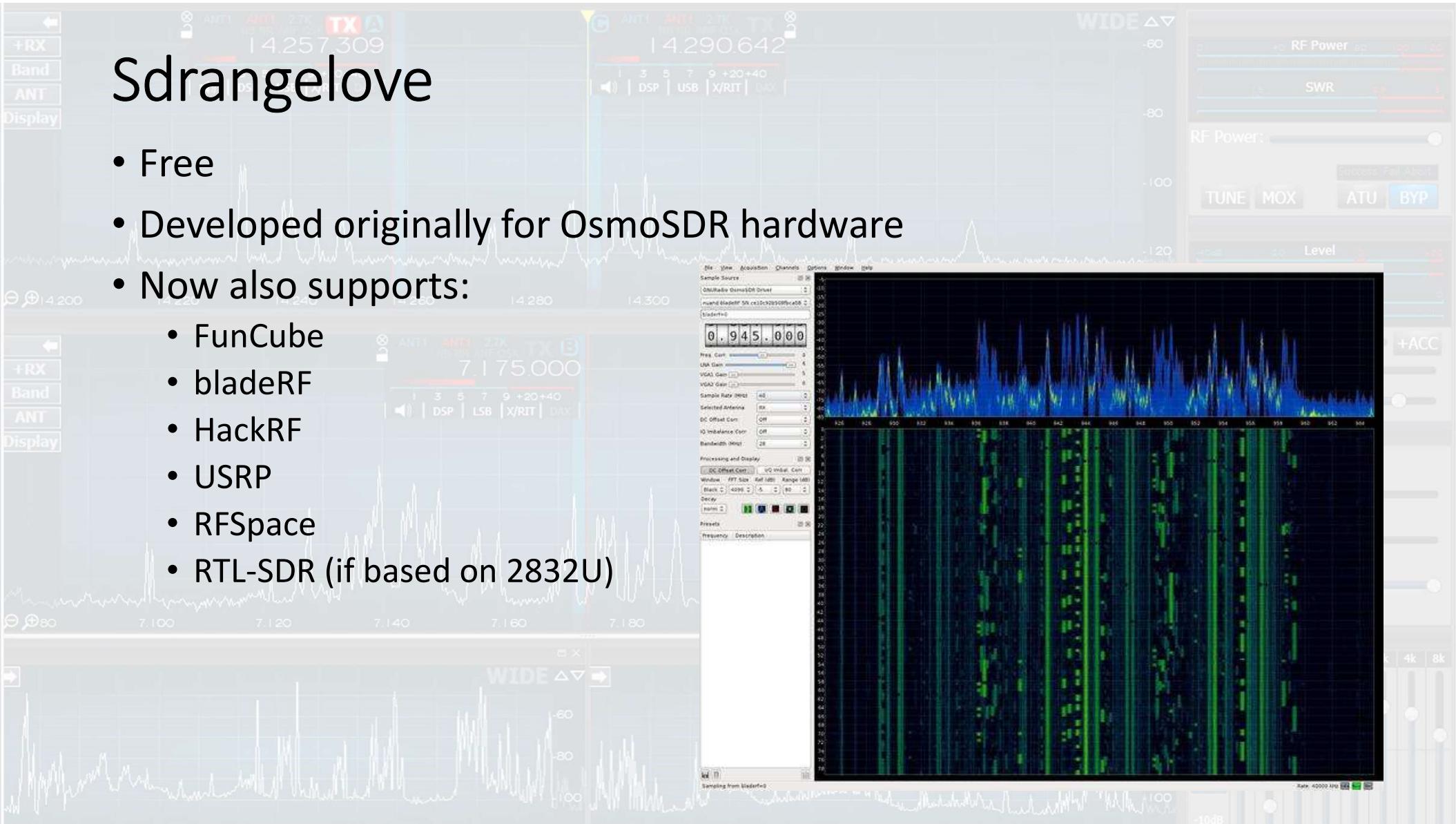
# GQRX (Linux/Mac/Raspberry Pi)

- Free
- Powered by GNU Radio
- Supports:
  - AirSpy
  - FunCubes
  - RTL-SDR
  - HackRF
  - RFSSpace
  - SDRPlay
  - I/Q Files



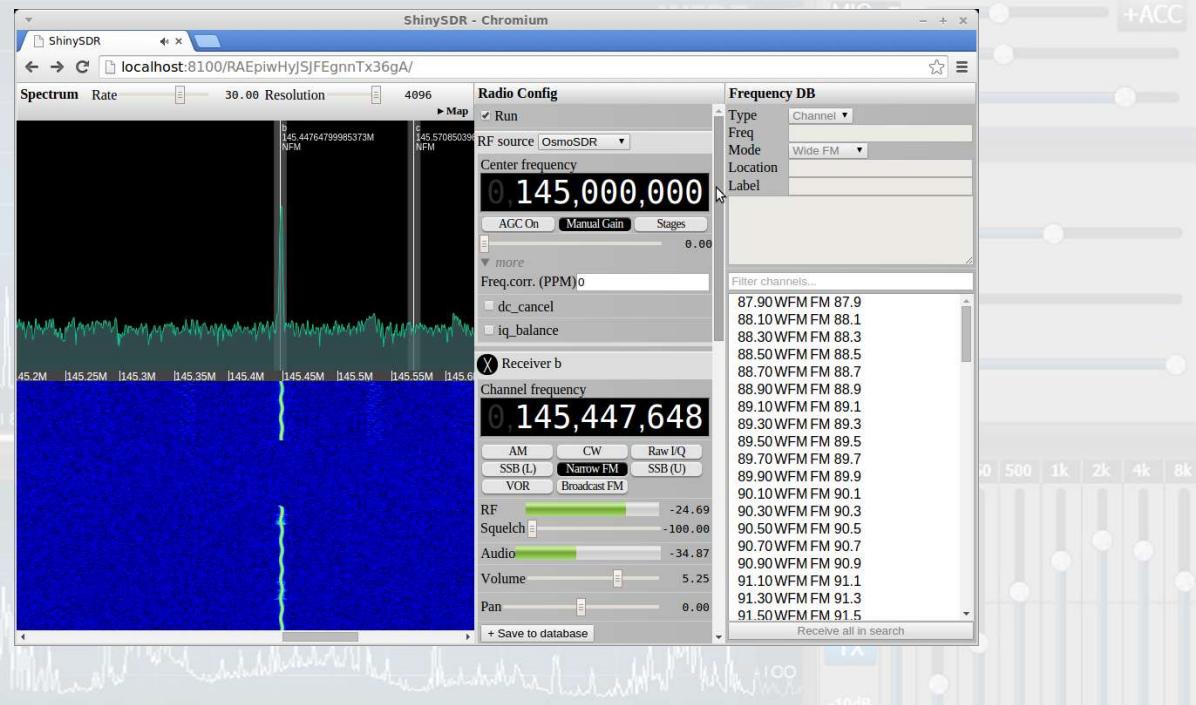
# Sdrangelove

- Free
- Developed originally for OsmoSDR hardware
- Now also supports:
  - FunCube
  - bladeRF
  - HackRF
  - USRP
  - RFSpace
  - RTL-SDR (if based on 2832U)



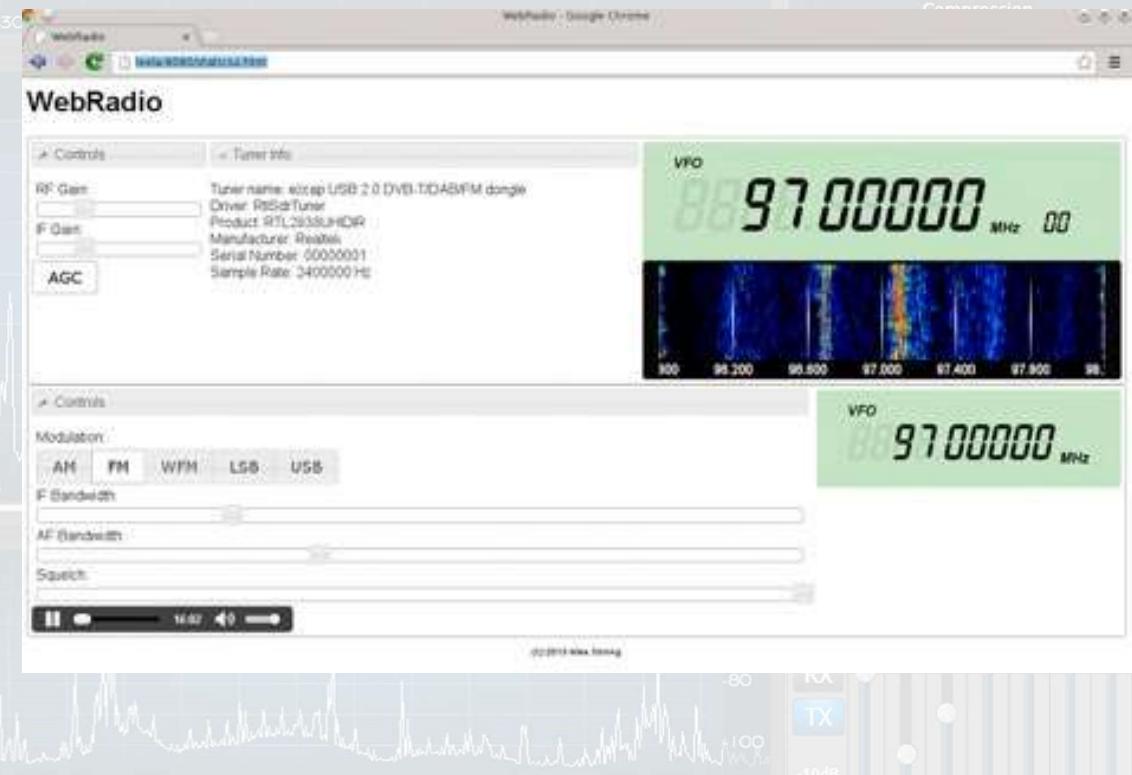
# ShinySDR (Web-based)

- Open Source (i.e., free); written in Python
- Supports OS X as well as Linux
- Turns supported SDR radio into a web server
  - RTL-SDR
  - HackRF
  - USRP
- Decodes:
  - ADS-B, APRS, WSPR
  - RTTY, PSK31 and RTL 433
- Modes:
  - AM, NFM, WFM
  - SSB, CW



# WebRadio

- Open Source SDR platform
- Browser controlled (HTML4 and Javascript based)
- Currently supports:
  - RTL-SDR USB sticks
  - USRP (Ettus Research)
  - FunCube
  - Radios controlled via HamLib

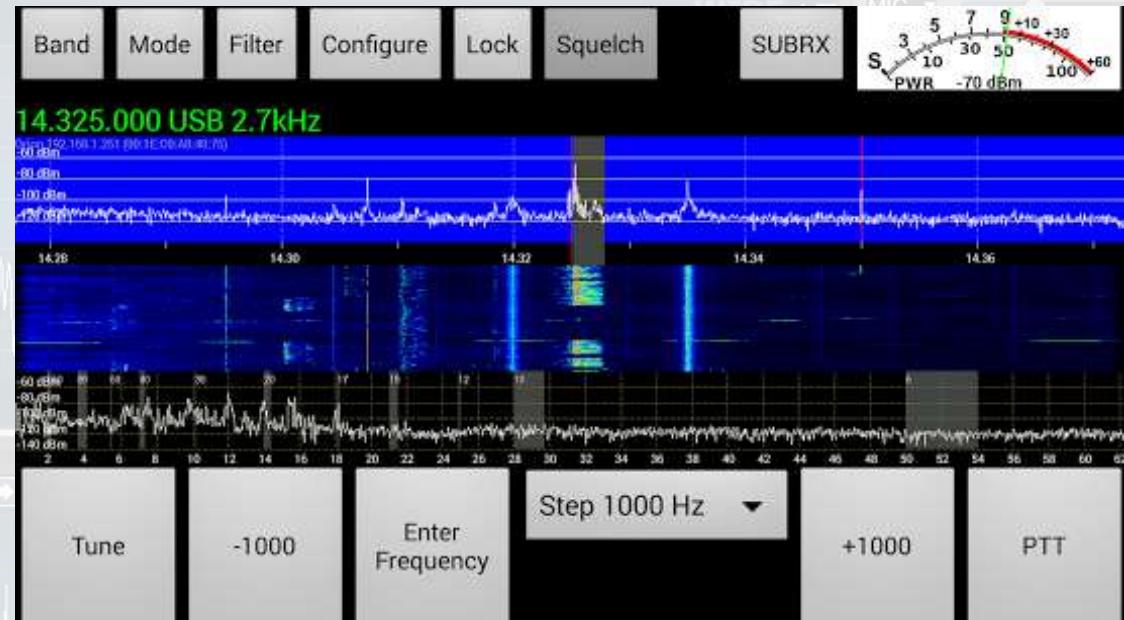


# Third Party SDR Software - Android

- OpenHPSDR (<http://g0orx.blogspot.com/>)
- SDR Touch (<http://sdrtouch.com/>)
- Wavesink Plus (<http://apkhome.org/wavesink-plus-dab-fm-rds-1-30/>)
- RF Analyzer (<https://github.com/demantz/RFAnalyzer>)

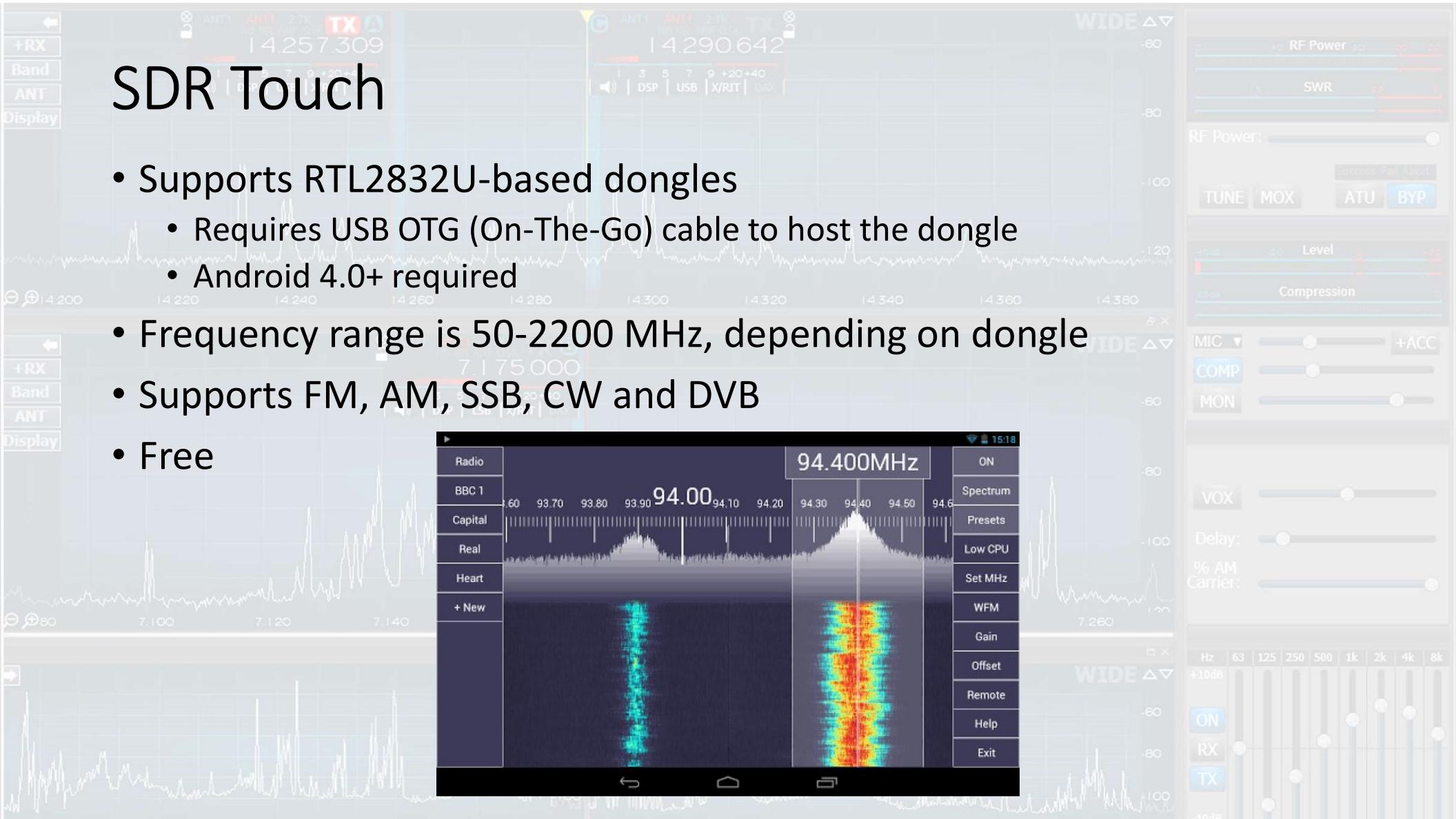
# OpenHPSDR Radio

- Free
- Supports TAPR HPSDR Atlas and Hermes
  - Apache Labs which are derivatives
- Developed by GOORX



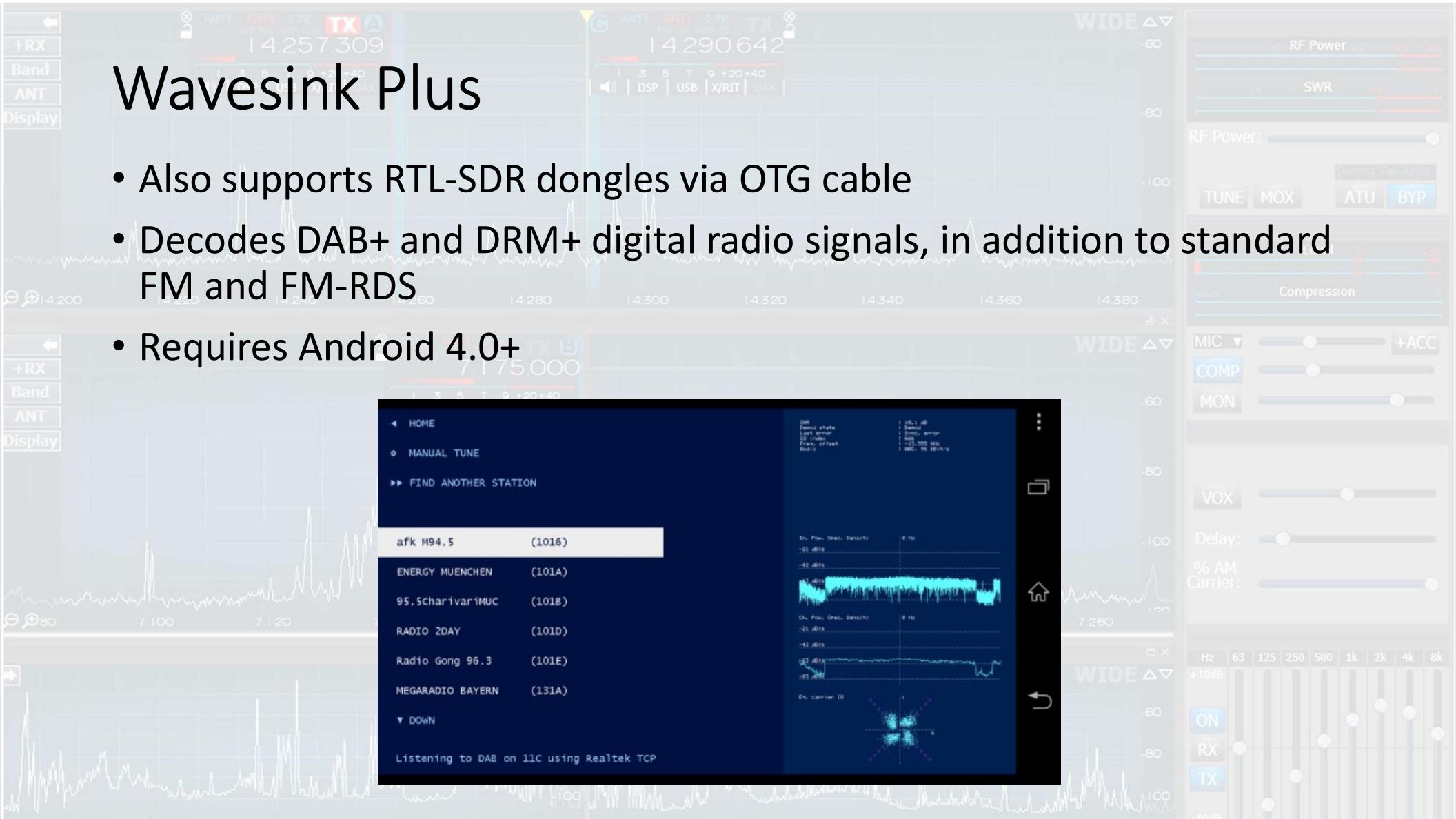
# SDR Touch

- Supports RTL2832U-based dongles
  - Requires USB OTG (On-The-Go) cable to host the dongle
  - Android 4.0+ required
- Frequency range is 50-2200 MHz, depending on dongle
- Supports FM, AM, SSB, CW and DVB
- Free



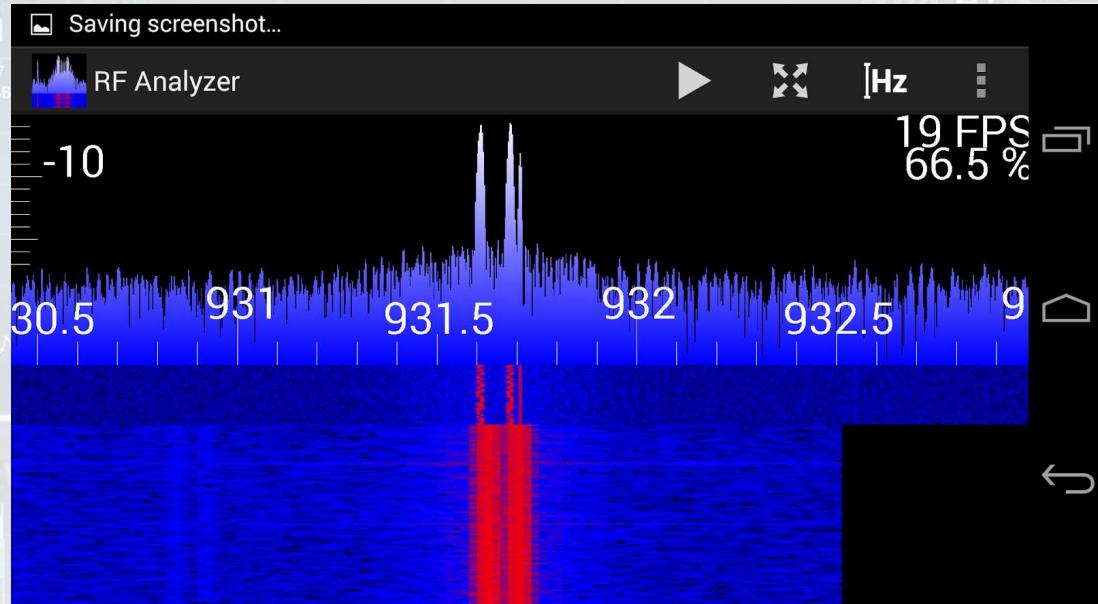
# Wavesink Plus

- Also supports RTL-SDR dongles via OTG cable
- Decodes DAB+ and DRM+ digital radio signals, in addition to standard FM and FM-RDS
- Requires Android 4.0+



# RF Analyzer

- Supports RTL-SDR (RTL2832U-based) and HackRF
- Requires Android 4.0+
- Demodulates nFM, wFM, AM, LSB and USB with adjustable filters
- Record raw I/Q



# WebSDR (<http://websdr.org/>)

- Allows one to make their SDR radio a server accessible to others
- Website provides current list of servers and their descriptions
- Free

