

Figures and Captions

Figure 1: RX-888 MKII + GPS Clock Kit

The RX-888 MKII SDR plus GPS clock kit and Leo Bodnar GPSDO combination is being used by the HamSCI group for serious ionospheric and other research. The GPS clock kit is now sold by TAPR ([https://tapr.com/gpsclock](#)). Credit: rx-888.com and Turn Island Systems.

Figure 2: WWV Propagation Example

One example of what you can do in combination with the UberSDR Audio client, fldigi and Python scripts. I monitor WWV 24/7 on 5, 10 and 15 MHz.

Figure 3: UberSDR Browser Control Display

The entire radio spectrum from up to 30 MHz is visible. This was mid-morning so the upper bands were still very “cold” (blue).

Figure 4: UberSDR FT8 Spots Display

A great way to see how well various antennas work using FT8 radio signals received across the bands along with a very detailed analysis.

Figure 5: My “Simple” SDR System

I feed all SDRs (top right) using an active 5-port antenna splitter. One RX-888 MKII is connected my Beelink cube computer running Linux, ka9q-radio and UberSDR (bottom). The other is connected to a Window laptop. Lower left, three Leo Bodnar GPSDOs plus active 4-port GPS distribution hub. The aluminium stands have a large, USB powered cooling fan. Your electronics will last longer if they “exercise” 24/7 and are kept cool enough.

Figure 6: UberSDR (Client

When you want more control than a web browser can provide. It is Python so requires a bit of time to load the Python interpreter.

Figure 7: UberSDR Audio Client

When you just need the basics, speed and multiple instances, VACs, DSP software then this is the client to use.

Figure 8: UberSDR Network

These are the current users (as of May 2026) that host their systems on the UberSDR Linux cloud network arranged from closest to the farthest from your location.

Figure 9: Welcome to my UberSDR Portal!