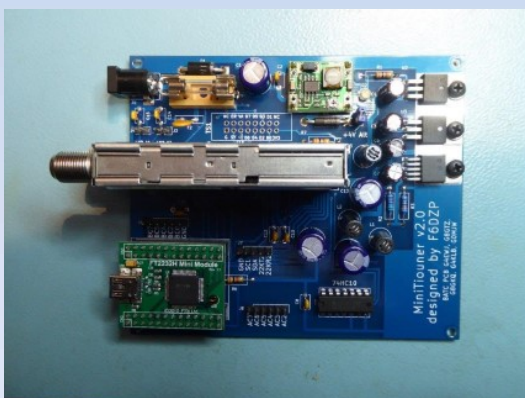




Es'hail-2 Spectrum Monitor

Dave, G8GKQ



Topics




 Why

 What

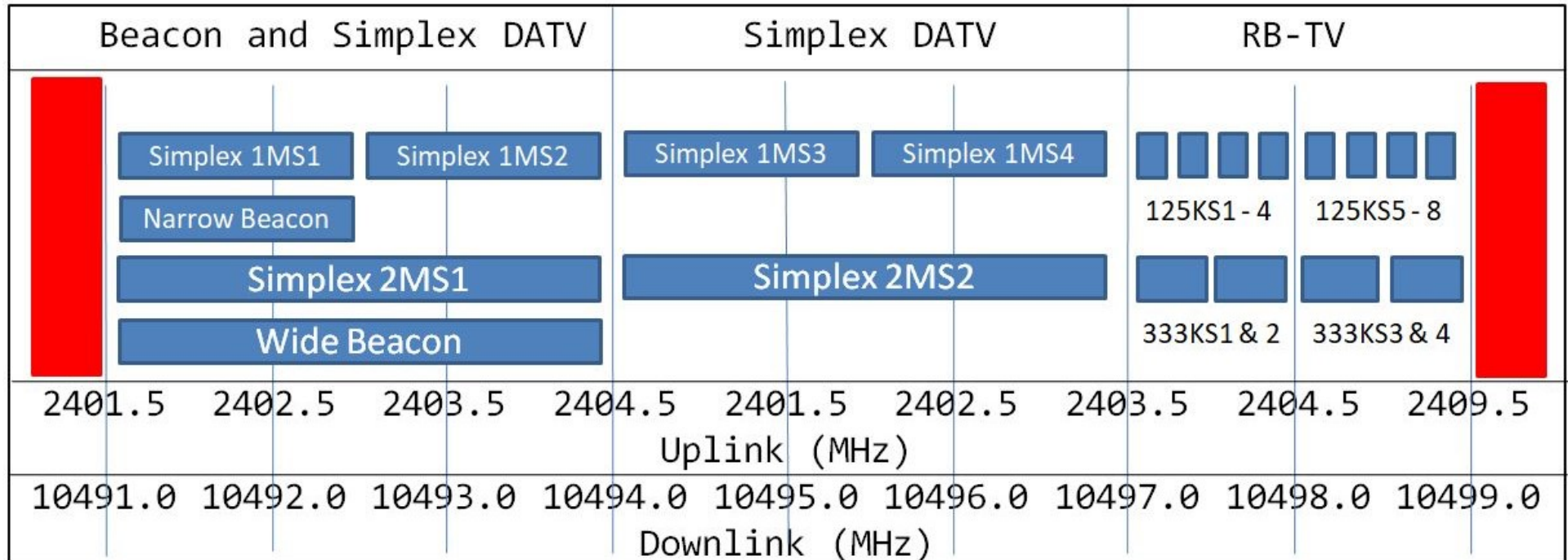
 How



Why

-  **First time that power needs to be controlled**
-  **Not that easy to listen for activity**
-  **Not that easy to tune around**

Bandplan



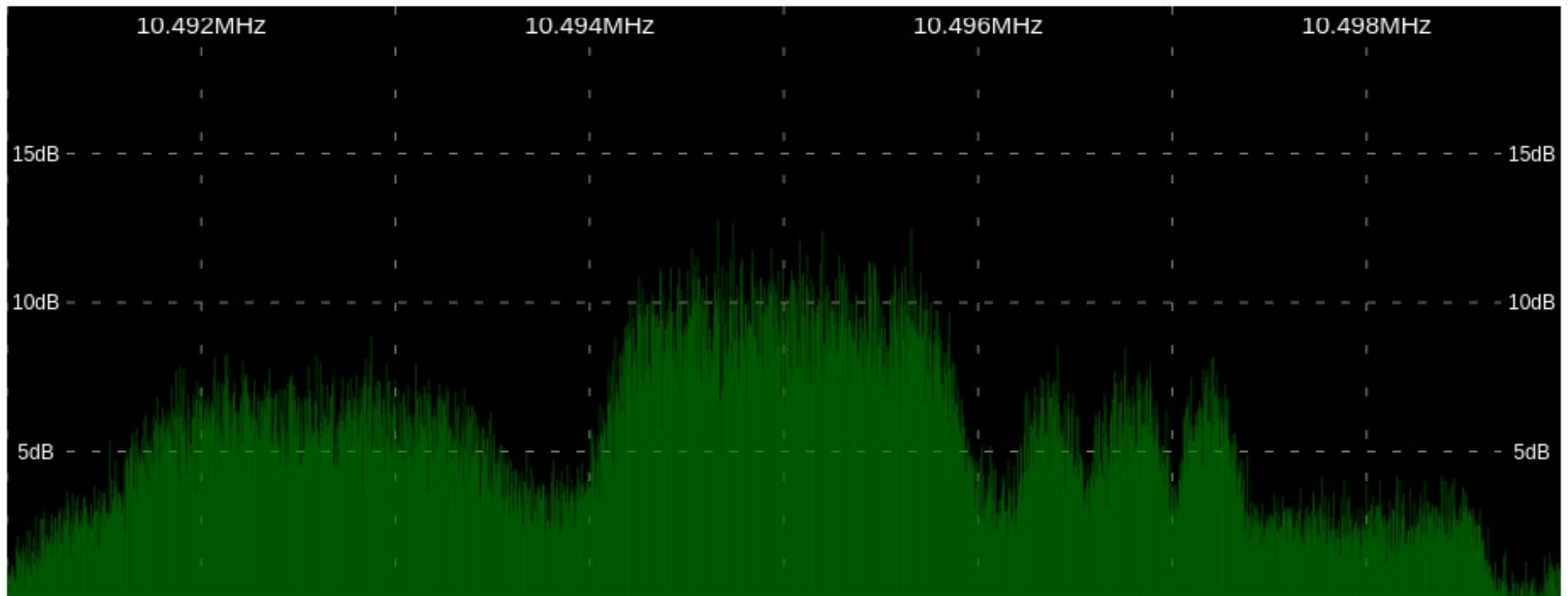
Bandplan

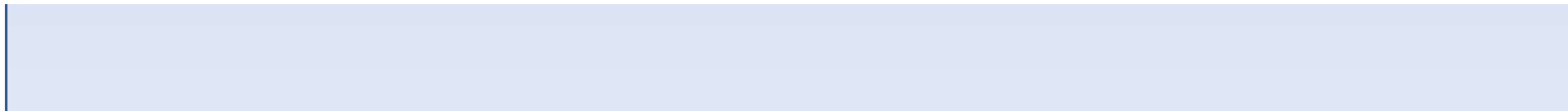
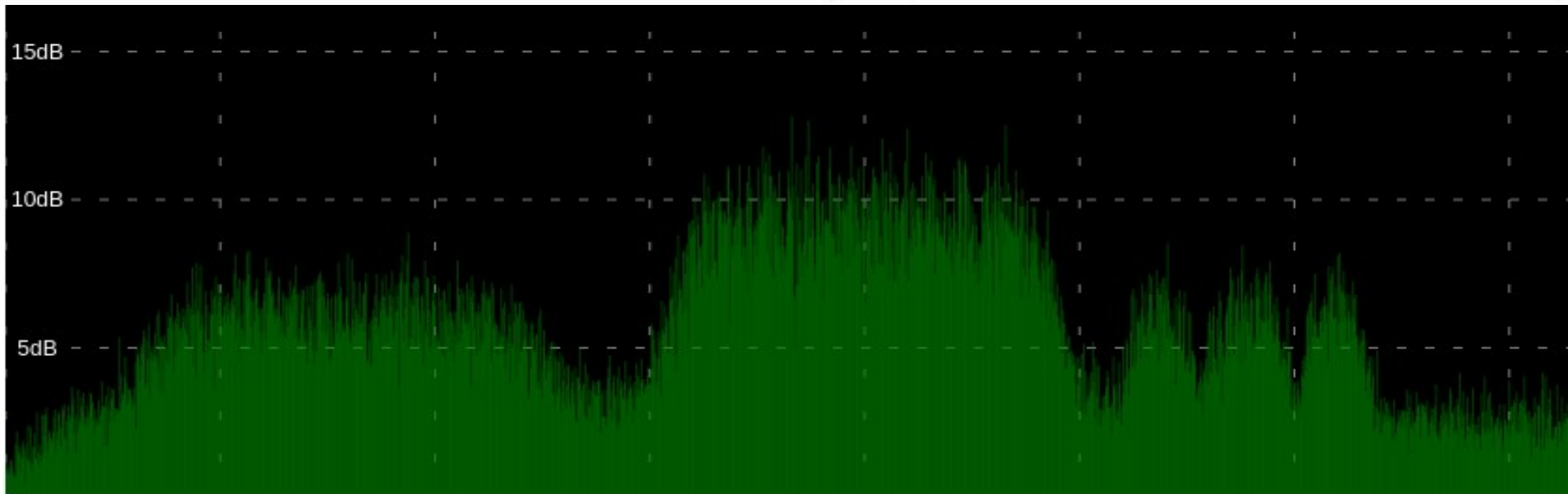
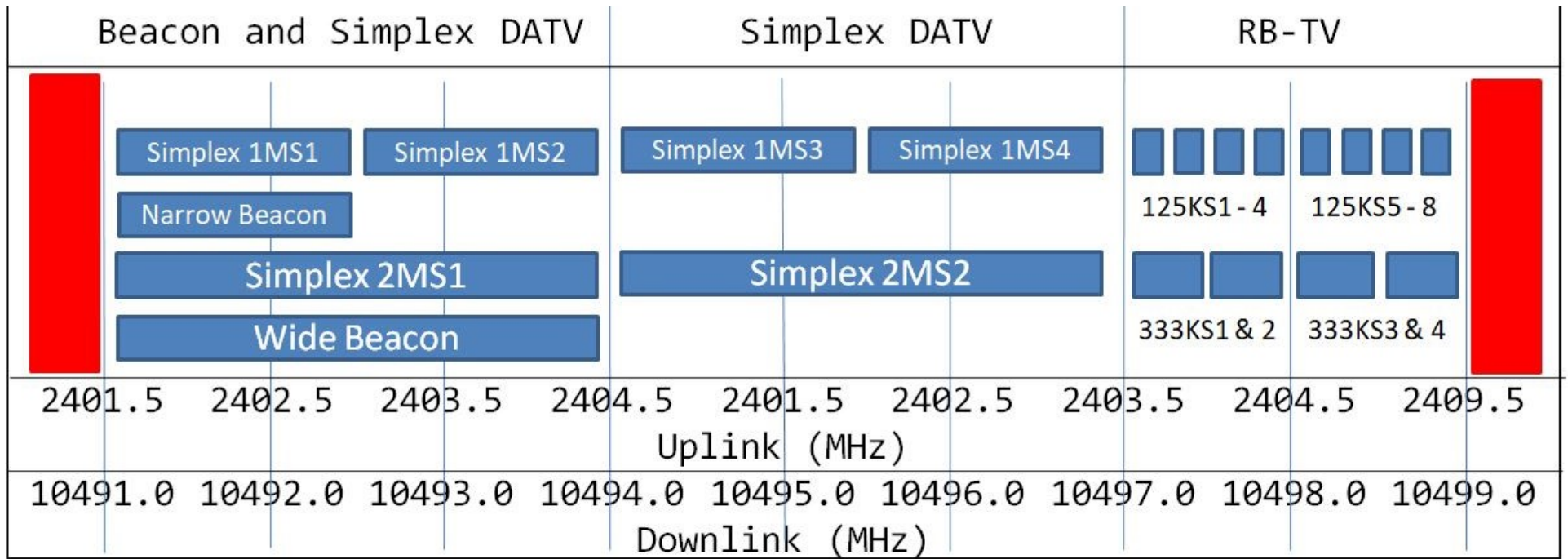
New Tab x Es'hailSat Spectrun x

file:///index.html/home/dave/websocket-fft/index.html



Es'hailSat





What

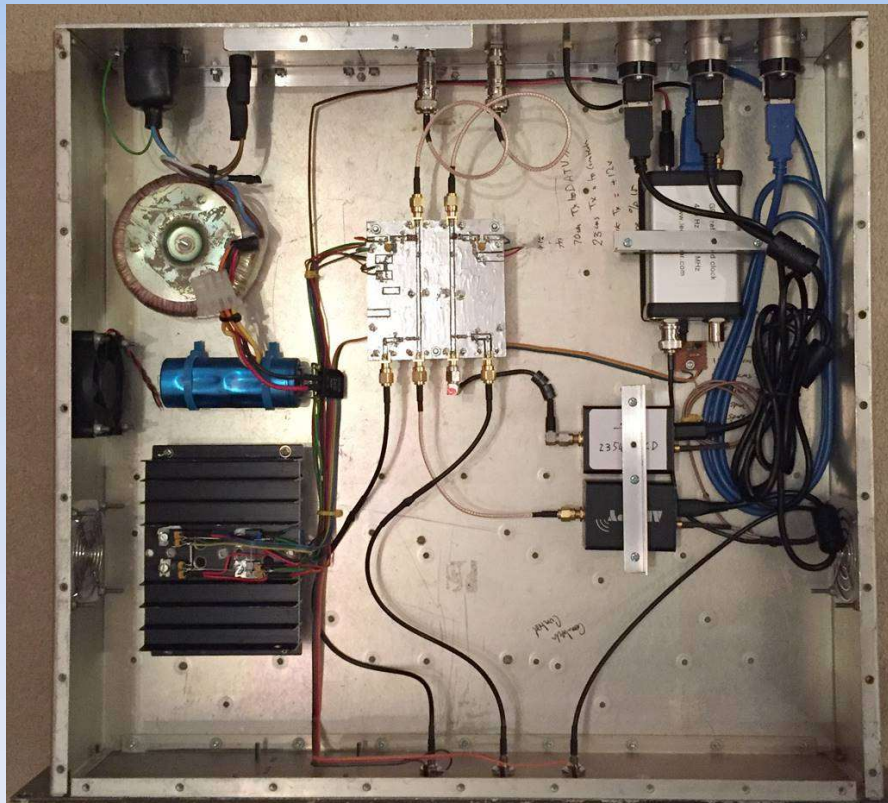


1.3 Metre dish at Goonhilly






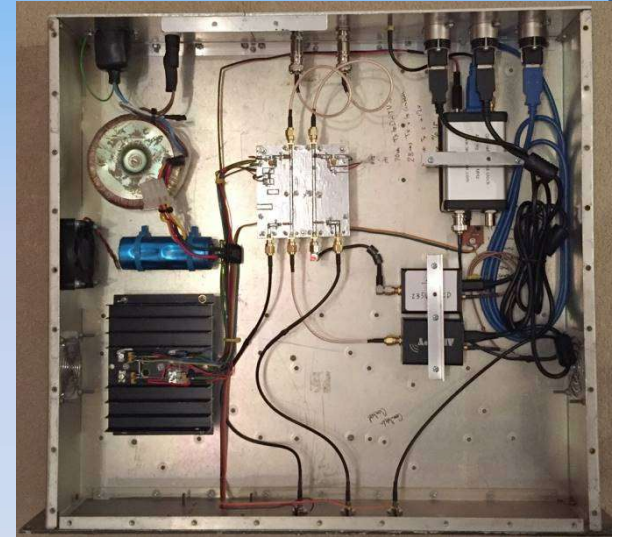
What

-  1.3 Metre dish at Goonhilly
-  Standard LNB and Airspy



What

-  1.3 Metre dish at Goonhilly
-  Standard LNB and Airspy
-  Linux PC



How



Hardware

- i7-2600 CPU
- 16GB DDR3 RAM
- Intel DQ67SW Motherboard
- 500GB Samsung 850 EVO SSD
- 750W Corsair TX Power Supply



Software

- Ubuntu Server 18.04
- Nginx mainline
- airspy_tcp fork
- narrowband WebSDR by PA3FWM
- wideband spectrum monitor

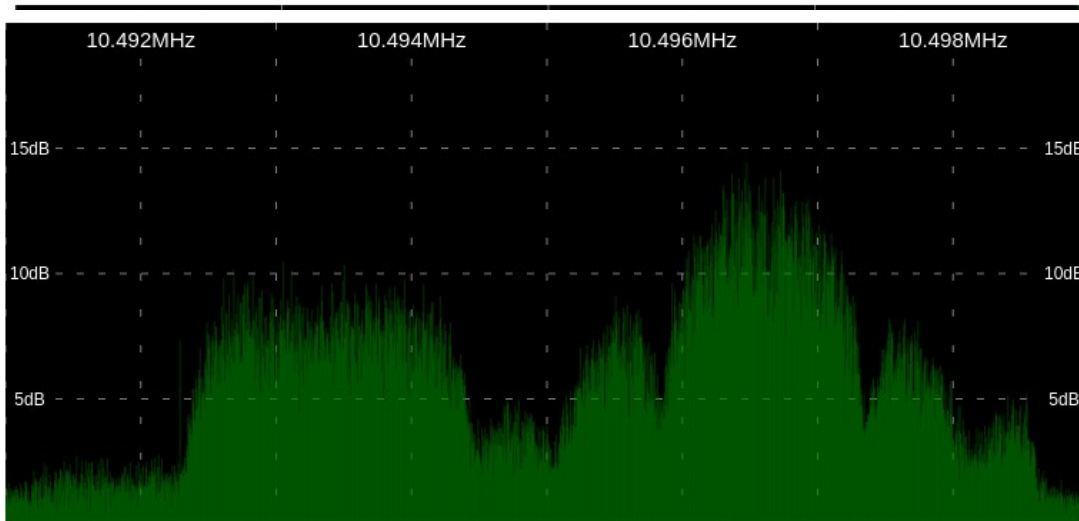


Result

file:///home/phil/Projects/websocket-fft/Index.html



Es'hailSat Spectrum Monitor



23/07/2016

19:05 **Phil_MODNY**

Hello!

19:05 **Phil_MODNY**

*World!

Type '/nick your_name' and press enter to join.

Questions