

# Amateur Radio – PEØSAT

| Information about Amateur Radio – Satellite experiments |

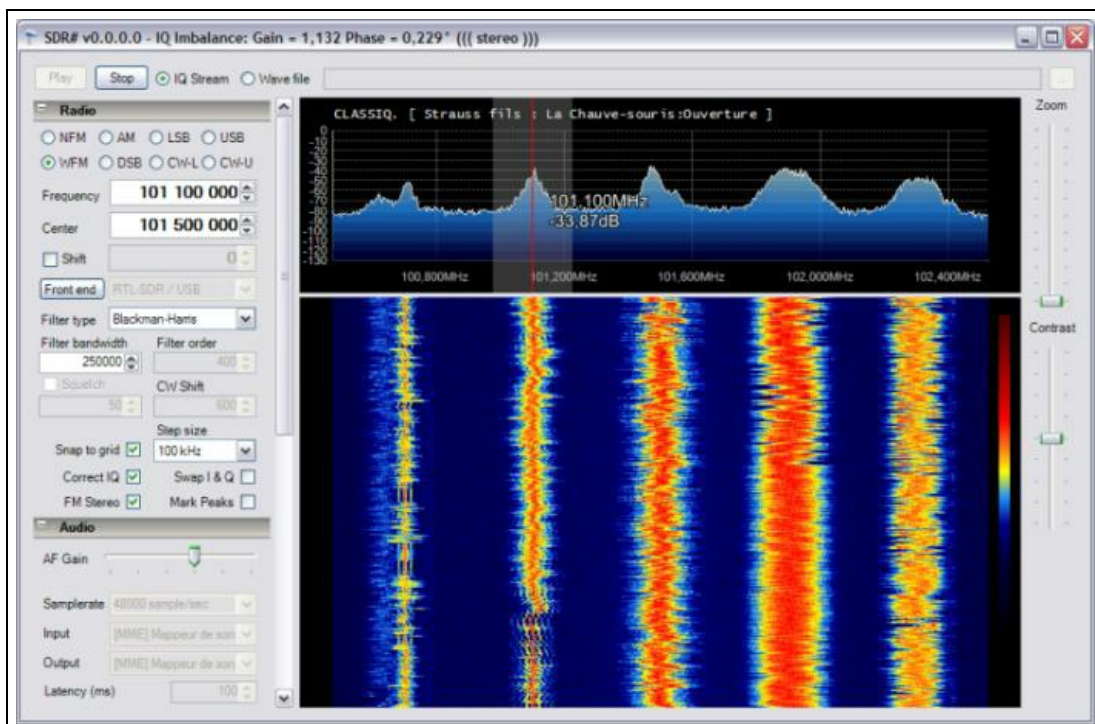


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## SDR# (SDRSharp)

**SDR#** (read SDR Sharp) is a simple, intuitive, small and fast PC-based DSP application for Software Defined Radio. It's written in C# with both object design correctness and performance in mind. The main purpose is to offer a simple proof of concept application to get hands into DSP techniques. Supported devices include:

- AIRSpy
- SoftRock
- FiFiSDR
- FUNcube Dongle
- FUNcube Dongle Pro+
- I/Q wav files
- SDR-4
- LazyDog's LD-1
- SDR-IQ
- SDR-14
- RTL2832U / RTLSDR (external)
- Any sound card based SDR front end
- ~~Any ExtIO based SDR front end~~ 1361 last supported version



## Plugins

There are some nice plugins that extend the features when using SDR# I will try to add and update this list with current version and new developments.

### Links:

- [RTL-SDR.ru](#) (Use Google translate)
- Main plugin [list](#) on [rtl-sdr.com](#)

### **DDE/SDR# Satellite Tracking client:**

An add-on to the excellent SDR# program which allows software to control the receive frequency in SDR# – required for best results to correct for the Doppler shift when working with satellites. It supports WXtrack, Orbitron and SatPC32. More information can be found at the following [location](#) from Satsignal.

### **Satellite Doppler control:**

This plugin gives you the option to control doppler shift in combination with [Orbitron](#) satellite tracking software. As far as I now this is an experimental plugin and read the [readme.txt](#) file when you want the experiment with this plugin. I have got it running with SDR# version 1114 ([download](#) plugin)

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Homepage and other references:

SDR# [main website](#)

Major SDRSharp [update](#) 14-09-2015

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## A M S A T U K

- [New XW-2 satellites – linear transponders active](#)
- [LilacSat-2 – Linux Live CD for Telemetry Decoding](#)
- [SERPENS CubeSat Deployed from ISS](#)
- [CAMSAT XW-2 Satellites – Launch Information](#)
- [15-year-old radio ham receives ISS Apollo-Soyuz SSTV Award](#)
- [OSCAR News Issue 211](#)
- [Fox-1C and Fox-1D FM transponder CubeSats will fly on SHERPA](#)
- [KLETSKOUS CubeSat Update](#)
- [ISS CubeSat Deployment](#)
- [United Nations – ISS CubeSat Deployment](#)

## S P A C E F L I G H T N O W

- [OTD...Sept. 20 and Endeavour retirement](#)
- [The surface of Rosetta's comet is changing](#)
- [OTD...Sept. 19 and Endeavour retirement](#)
- [Boeing rejects bid to buy ULA as engine race heats up](#)
- [Haunting sunset vista shows foggy hazes on Pluto](#)
- [Orion spacecraft may not fly with astronauts until 2023](#)
- [OTD...Sept. 16 and STS-79](#)
- [Build-up of crew access tower begins at Atlas 5 pad](#)
- [Bezos to locate commercial rocket base in Florida](#)
- ['Big three' nab commercial launch contracts](#)

## D K 3 W N S A T B L O G

- [PSAT-1 PSK31 telemetry](#)
- [XW-2 TLE update](#)
- [XW-2 Beacons over India](#)
- [UWE-3](#)
- [DX-1](#)

## S O U T H G A T E

- [Skills Night Monday Sept. 21](#)
- [Russian military in 7 and 14 MHz Ham Radio bands](#)
- [Fox-1C and Fox-1D FM transponder CubeSats](#)

- [Dipole and Inverted V Antenna Basics](#)
- [KLETSKOUS CubeSat update](#)

F O L L O W M E



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