



# HAB-FPA915

---

## 915MHz Filter & Preamp For SDR/Radio Receivers

---

### Description

This unit is a small filter and preamp PCB designed to go between a software defined radio receiver and an antenna. Using a SAW bandpass filter and a low noise amplifier (LNA), it stops out of band intermodulation while providing additional gain for increased sensitivity. The LNA is before the SAW filter. This particular model is tuned for in the 915MHz band.

### Powering The Unit

There are 2 options for powering the unit either by the USB-C header or via bias-tee. Devices such as the Airspy can enable bias-tee and power the device. Alternatively, any USB-C cable can be used to power the device (USB Cable not provided).

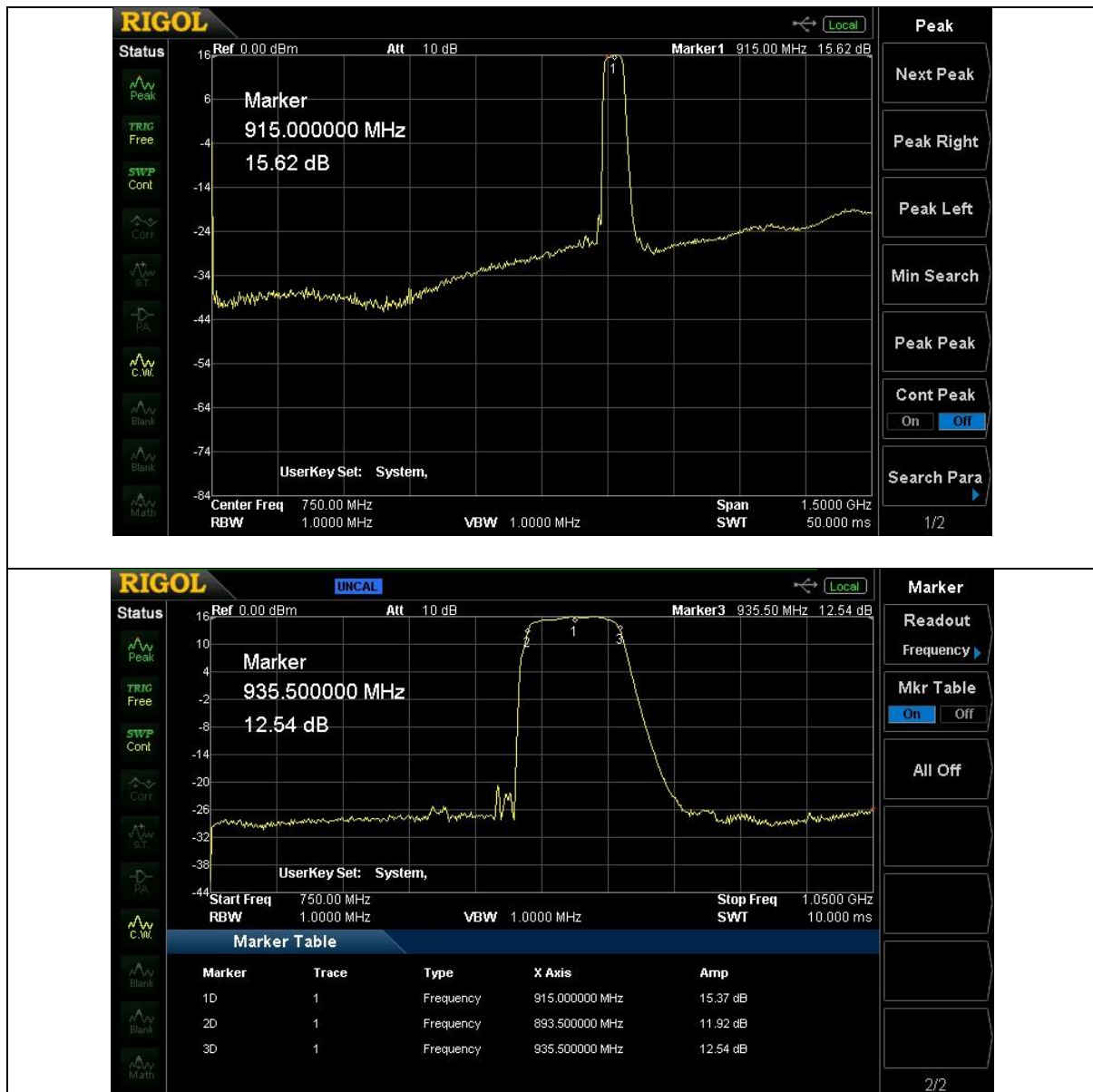
A red LED indicates the unit is powered and operational.



## Board Specifications

Gain	Min 15dB
NF	0.75dB
Supply Voltage	5V USB-C or 5V via Bias-tee
Power Usage	40-60mA
Case Dimensions	63.5mm x 63.5mm x 30mm (2.5" x 2.5" x 1.2")

## Frequency Response



## Disclaimer

All Uputronics products are sold as test equipment with no guarantees of performance or operation, they are intended for engineering, research or lab use only not for use in production or commercial systems.

Our products should be used only in testing environments and at your own risk and discretion. This unit is not rated for outdoor use.