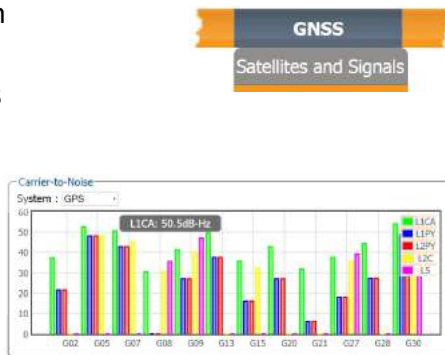


5. Basic Monitoring

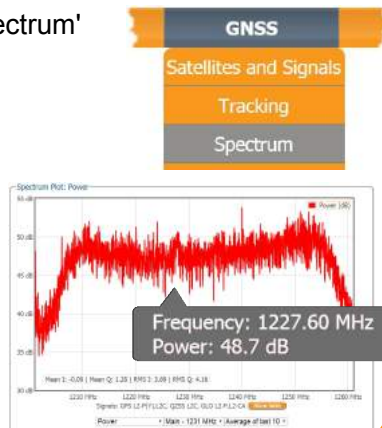
Is the PolaRx5S tracking satellites?

- Select the 'GNSS' tab then 'Satellites and Signals'
- In open sky, the PolaRx5S should track between 15 and 25 GPS and Glonass satellites.
- The Carrier-to-Noise plot for GPS should show about 3 satellites with an L1CA above 50 dB-Hz



Is there any interference?

- Select the 'GNSS' tab then 'Spectrum'
- Click 'Show table' on the Spectrum plot then select GPS L2-P(Y). This frequency band can be vulnerable to interference.
- The small GPS L2 signal at 1227.6 MHz should be visible. Other spikes or anomalous activity in the spectrum may indicate interference.



For more information:

The memory stick delivered with the PolaRx5S contains the following documents:

- PolaRx5S User Manual
- PolaRx5S Firmware Manual
- SBF Reference Guide

You can also consult our webpage or contact our Support Department:

<http://www.septentrio.com>
support@septentrio.com



PolaRx5S

Quick Start Guide



To set up the PolaRx5S you will need:



Power adapter



Antenna



Antenna cable



WiFi capable device

or



USB cable

1. Powering up

- Connect the power adapter to the '**PWR**' socket on the PolaRx5S front panel
- Plug the power adapter into the mains
- The PolaRx5S will start up automatically



2. Connecting an antenna

- Connect one end of the antenna cable to the antenna and the other end to the rear-panel '**Main**' socket on the PolaRx5S
- Make sure the antenna has a clear view of the sky



3. Turning on the WiFi

- Press firmly on the front-panel WiFi button to turn on the WiFi modem 📶



4a. Connecting to the PolaRx5S over WiFi

- Find the PolaRx5S WiFi signal on your device and click: **Connect**



- When connected, open a web browser using the IP address:
192.168.20.1



or

4b. Connecting to the PolaRx5S over USB

- Connect the USB cable between the PolaRx5S and your PC



- Wait for the drivers to fully install



- When the drivers have installed, open a web browser with the IP address:

192.168.3.1

