Stratux GPYes2

1. Make sure that your Raspberry Pi gets sufficient power without the GPS. If the red LED is not constantly on (blinks occasionally, stays off, etc.), then you will likely experience GPS lock issues. Look into a shorter USB power cable, one with larger wires to carry more current, or use a battery pack from the recommended list on http://stratux.me/.
2. Place the GPYes in the top row of USB connectors so that it has an unobstructed view of the sky. Your SDRs will go under the GPYes.

3. Set the GPS outdoors with a sky view for ~10 minutes for the first lock to verify operation. Check http://192.168.10.1/ to see the lock quality.
4. If you wish to utilize the upgraded GPYes2's **external antenna port**, connect an u.FL pigtail to the jack on the bottom of the GPS unit. Upgrade kits are sold on Amazon which include the pigtail and external port.
5. When an external antenna is connected via the external antenna jack, the GPYes2 will automatically switch to external antenna mode.

u.FL jack

Stratux GPYes 2.0
http://products.stratux.me/gpyes2
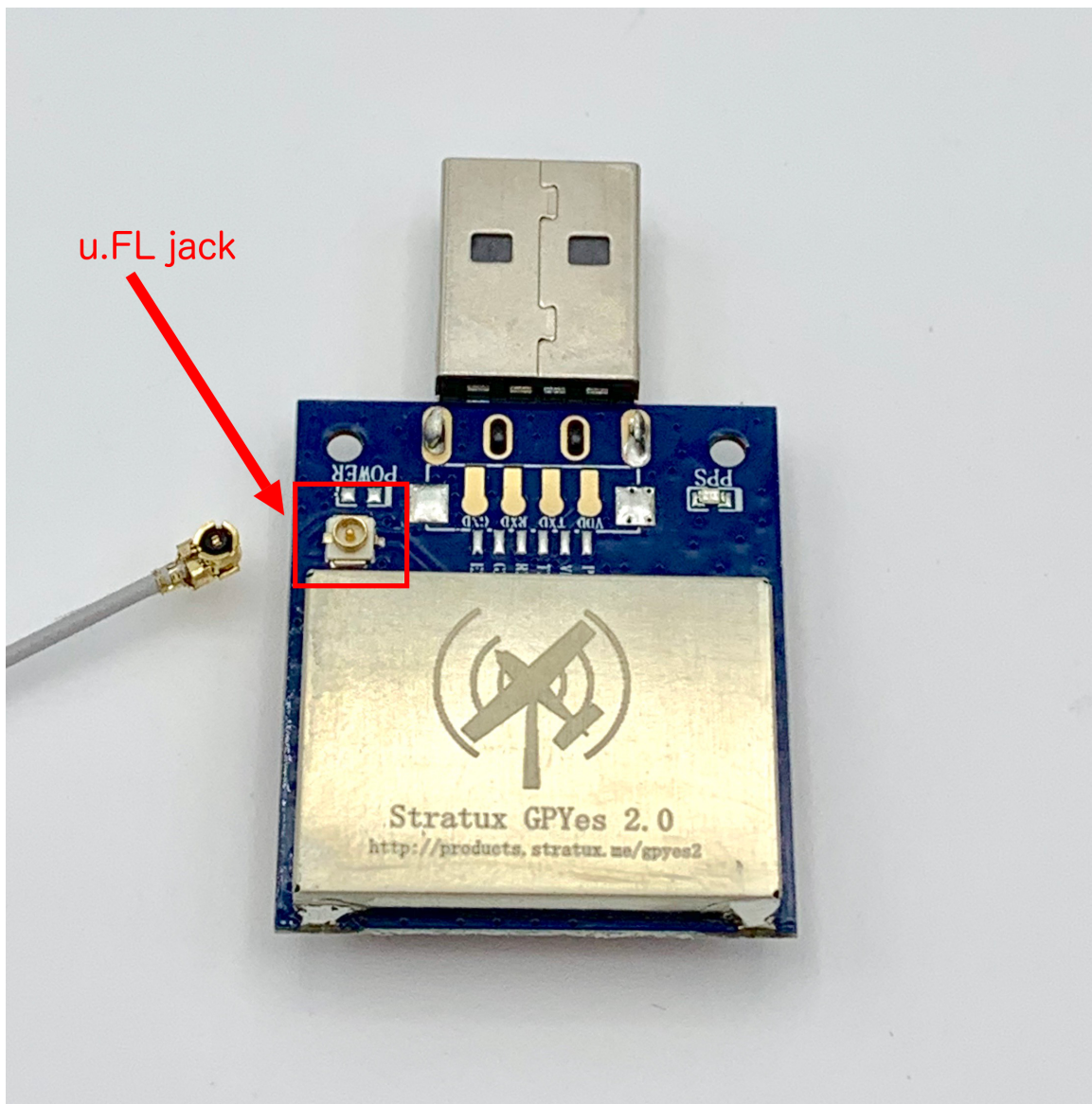
Troubleshooting

Problem: GPS does not lock.
Solutions:
1. Check that you are using the latest Stratux software.
2. Check step #1 above for power supply issues.
3. Swap SDR positions below the GPYes.
4. Set the GPS outdoors with a clear sky view for ~10 minutes to see if any of these steps have made an improvement.