

INSTRUCTIONS FOR IT600 APPLICATION BOARD

BEFORE TESTING

1. Register into our extranet (<http://support.fastraxgps.com/extranet>)
2. Make sure that you have installed latest GPS WB4 (04.21.0009β or later).

Note: Version "04.21.0009β" is only available in our extranet and not in public site

3. Plug the application board into minievkit
4. Connect the USB cable to port1 on minievkit and USB port on PC
5. Make sure that your minievkit is version C00 (pic. 2.)
6. Attach a Glonass + GPS antenna (pic. 3.)
7. Start GPS Workbench 4 and connect by using speed 115200 baud (Do not use "automatic")
8. IF you do NOT see NMEA data coming out and you have correct COM port and baud rate -> Push reset button on Mini Evkit.

Note: do not push reset if you have NMEA data coming out from the receiver *

Now you are ready to test IT600!

For enabling/disabling GPS and/or Glonass from the navigation solution, you can use NMEA command interface on GPS Workbench. Default setting is hybrid positioning with both systems.

You can also use GPS antenna, but the signal levels of Glonass satellites will be attenuated. It is recommended to use combined Glonass + GPS antenna.

*AP600 backup batter can hold data up to 2 hours and if you push reset while backup is active, it will jam the system.

