

## Configuration of the NMEA data stream with internet connection from the tablet

1. Connect to the WebUI of the PNR21. To do this, connect to the WLAN of the receiver. The name of the hotspot corresponds to the serial number of the device. Then enter the IP address 10.10.10.10 in any browser and the Web UI will be displayed.
2. Click on the "Mode Config" tab. In the "Chain" menu in the lower part of the screen, please select "Bluetooth" in the "Diff Chain" field. Confirm the configuration by clicking on "Apply". Please confirm the following pop-up windows with "Ok".

Mode Config

Working Mode

Mode: **Rover Mode** Base Mode Static Mode

Station Name: Z31446869014573

Elev Cutoff: 5 Degree

Diff Age Max: 5 Second

Chain

Diff Chain: Bluetooth Mobile Phone Network Ch

Apply

3. Click on "Advance UI".

Advance UI

4. In the "GNSS" tab, select the "GNSS Config" subitem. Enter 5 seconds as the time in the "Diff Age Max" field. Confirm the configuration by clicking on "Apply" and confirm the pop-up windows with "OK".

GNSS Config

GNSS Mode

GNSS Mode: **Rover** Base

Differential Source: Ntrip Client

Diff Age Max: 5 Seconds

Antenna

Height: 2.0610 m

Measure Type: Phase

Undulation

Undulation: Auto

Apply

5. In the "GNSS" tab, select the "Message Text" subitem. You can now activate the required data streams with the respective transmission frequencies. We recommend setting the data streams GPGGA with 5Hz, GPGSA with 1Hz and GPGST with 5Hz.

6. Confirm your selection with the "Apply" button and click "Ok" in the pop-up windows

7. Now click on the sub-item "Bluetooth" in the "Data Port" tab.

Select the "Message Text" item in the "Send Data" field so that the NMEA data is sent via Bluetooth. Since the Internet connection to the correction data service is established via the tablet, the option "None" must be set in the "Send Diff" field. Click on "Apply" and confirm the following two pop-up windows with "Ok".

8. The settings are saved in the antenna as boot configuration, so you do not have to repeat the procedure.