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Setup JLink LTE to provide RTK data received via NTRIP Client to UHF

How to

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Setup JLink LTE to provide RTK data received via NTRIP Client to UHF

This document describes how to configure JLink LTE to provide the RTK data received via NTRIP Client to UHF.

The following are the steps of configuration of JLink LTE:

1. Connect to JLink LTE via web interface (see “JLink LTE User Manual” for the details).
2. Perform the Cellular (GSM) configuration:
 - In the Communication/GSM tab set the PIN code and APN parameters if necessary (Figure 1).

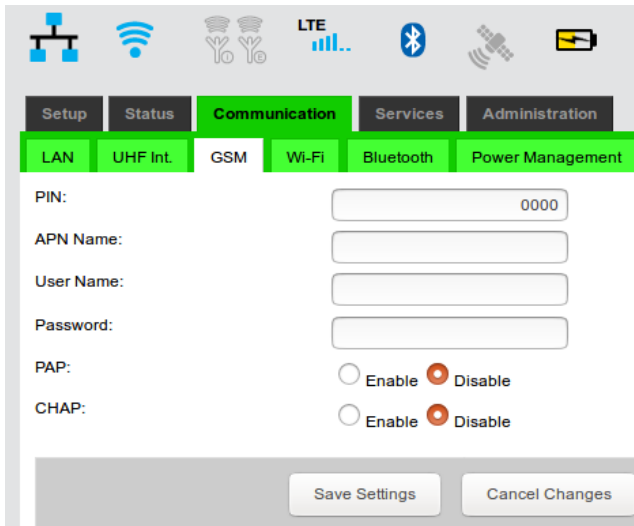


Figure 1. JLink LTE GSM configuration tab

- Use tweezers to install or remove the micro SIM card. Insert the SIM card to its slot. The first slot from the green top cover is for micro-SIM; the second slot is for micro-SD (Figure 2).



Figure 2. JLink LTE micro SIM card installation

- In the Communication/Power Management tab activate the GSM interface (Figure 3). And wait for registering in the network and Internet access availability .

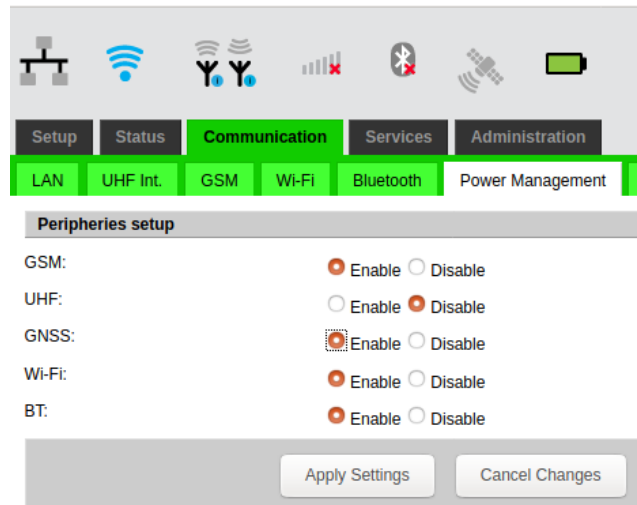


Figure 3. Jlink LTE Power Management tab

- The detailed connection status you can check in the Status/GSM tab (see Figure 4).

It is possible also to connect JLink LTE to the Internet via LAN or Wi-Fi using any Wi-Fi router, MiFi device or even smart-phone configured in hot spot mode.

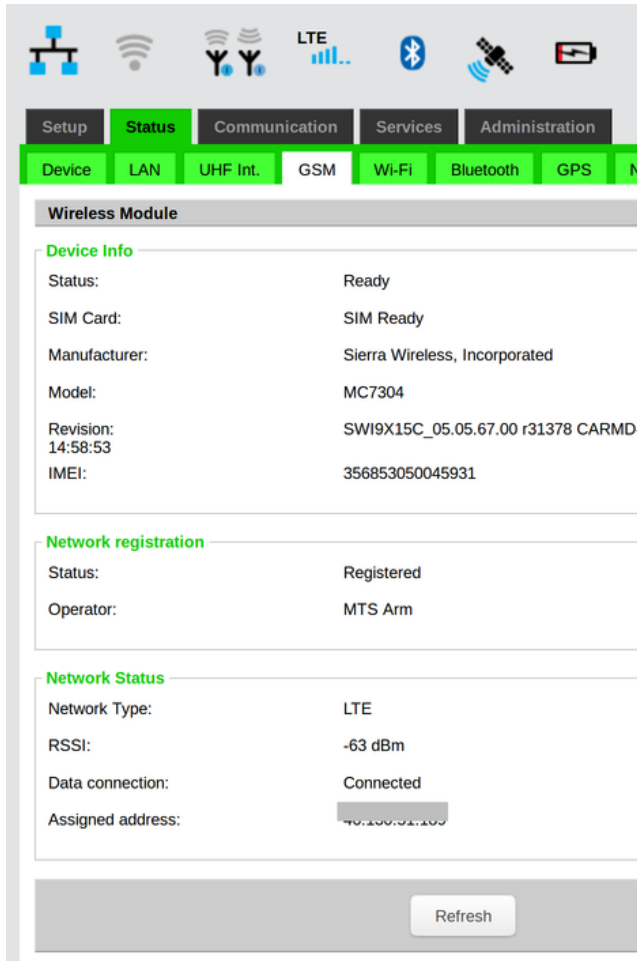


Figure 4. JLink LTE GSM Status tab

3. Setup UHF

- In the Communication/UHF Int. tab select Modem parameters (Figure 5).

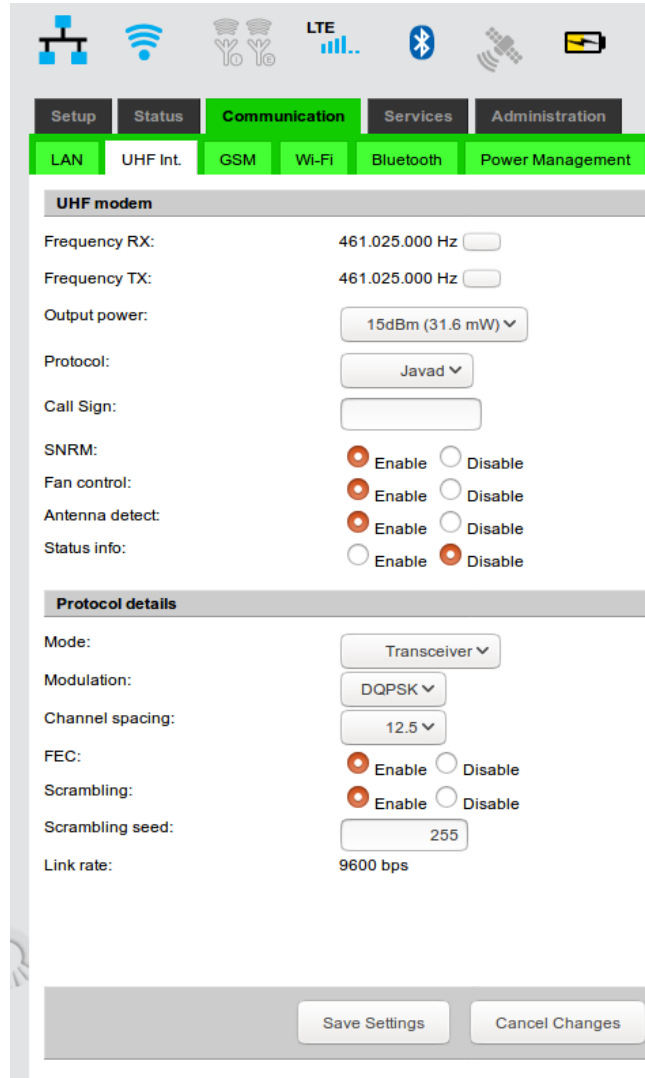


Figure 5. JLink LTE UHF Int. tab

- In the Communication/Power Management tab activate the UHF interface (see Figure 3 on page 2).
4. Setup Data Router
 - In the Setup/Router tab select following parameters “NTRIP Client” as Source and “UHF” as Destination.
 - Click “Save Setting” and wait until finish (Figure 6).

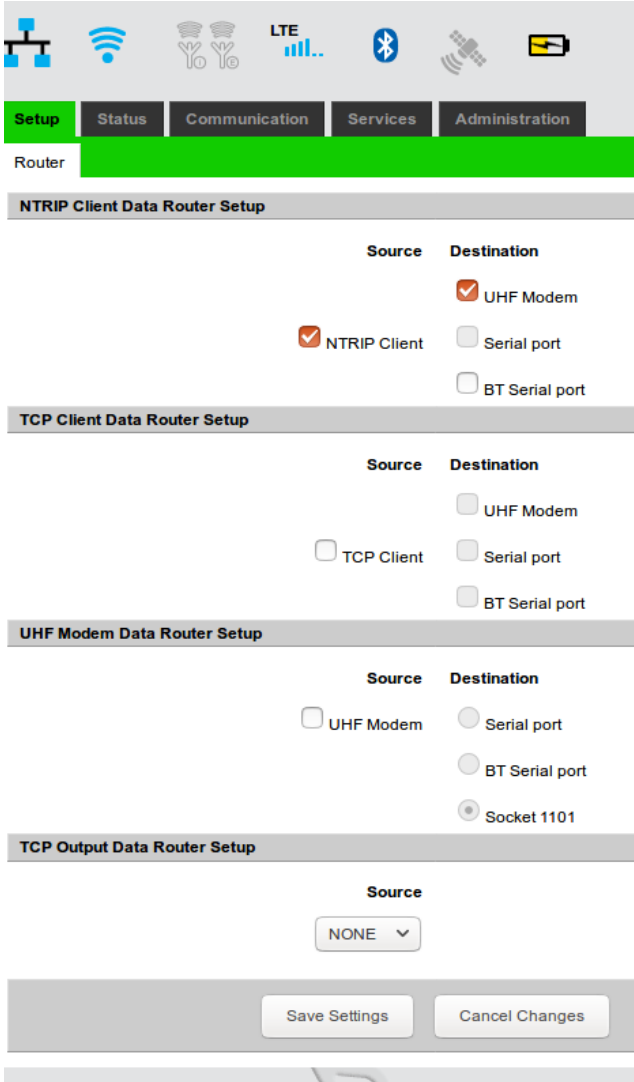


Figure 6. JLink LTE NTRIP Data Router tab

5. Setup NTRIP Client

- In the Services/NTRIP tab set the following parameters: “Server name/address”, “Port”, “User”, “Password”.
- Click “Save Setting” and wait until finish.
- Click “Update” and select “Mountpoint” .
- Click “Save Setting” and wait until finish (Figure 7).

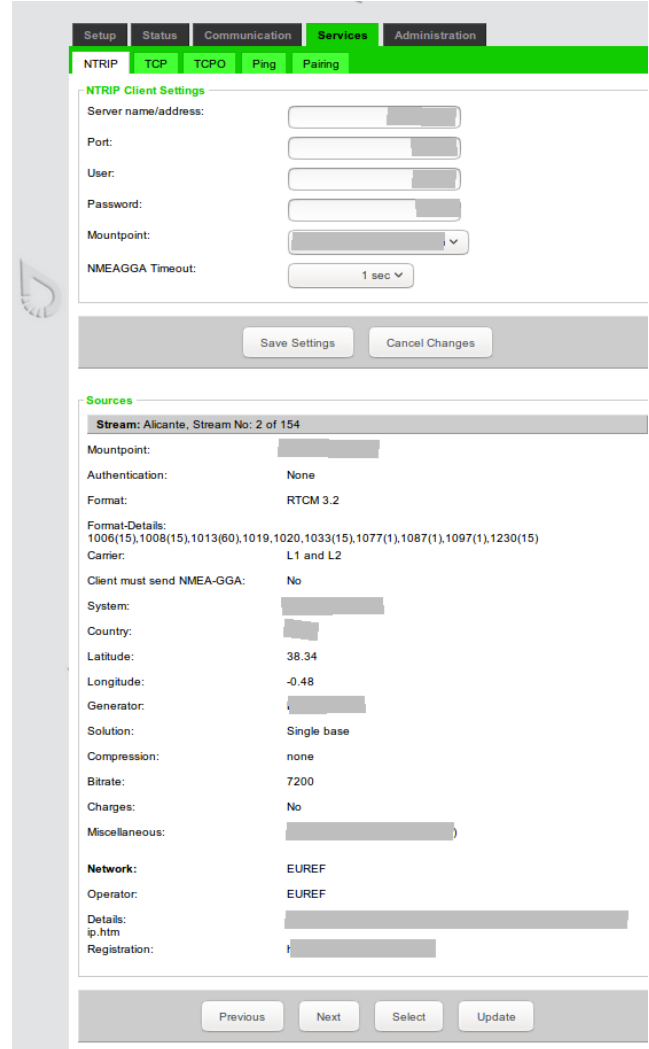


Figure 7. JLink LTE NTRIP configuration tab

- If the Ntrip caster needs NMEA-GGA which you can see in picture 8 (field Client must send NMEA-GGA is “Yes”), needed activate GNSS from the Communication/Power Management tab.
- Detailed connection status you can check in the Status/NTRIP tab (Figure 8).

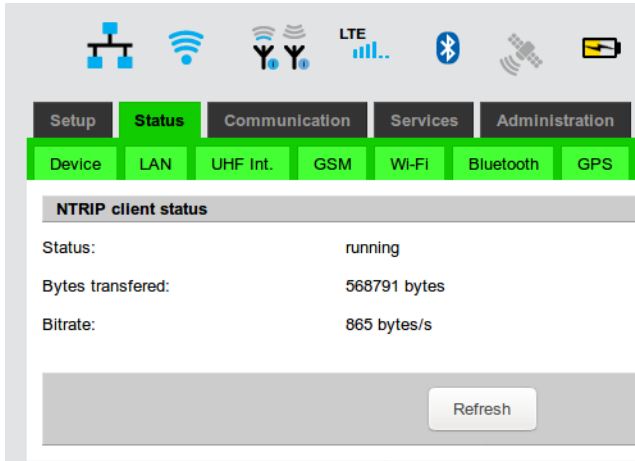


Figure 8. JLink LTE Status NTRIP tab



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