

UGR-86 Troubleshooting & Installation Guide

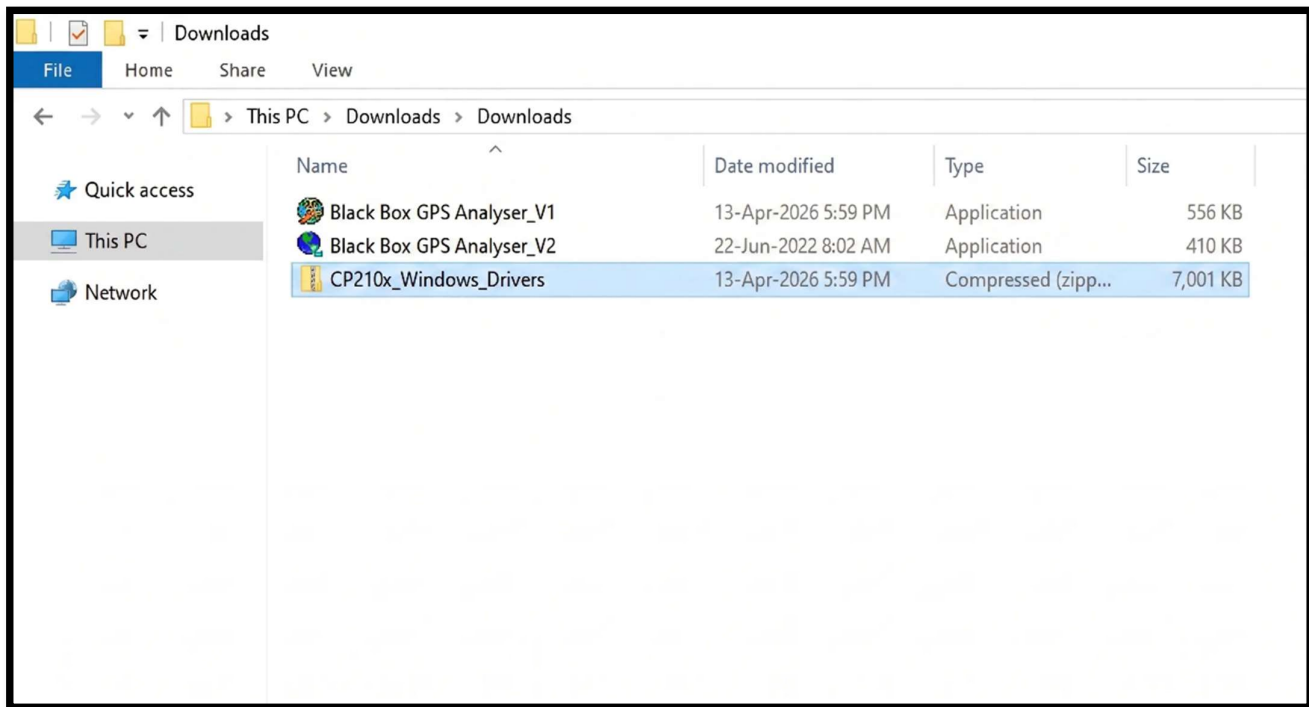
Follow these steps to successfully install and test your UGR86 USB GPS Receiver.

We suggest the following steps to Install

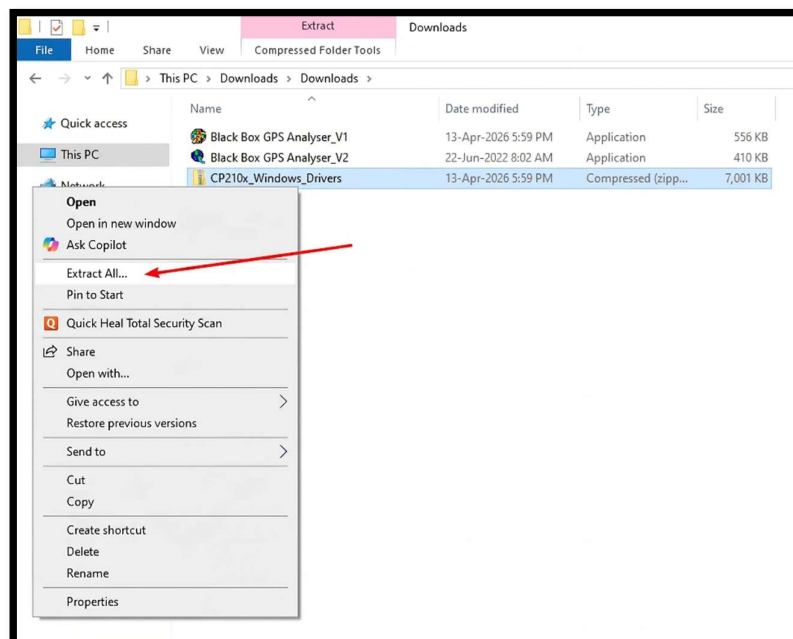
1. Download Files

Download the following files to your Download Folder:

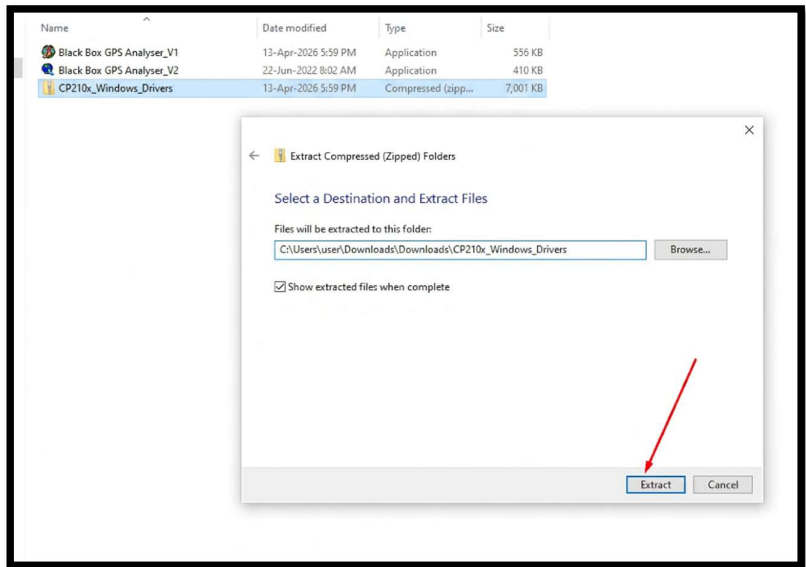
- **File 1 (Drivers):** [CP210x_Windows_Drivers.zip](#)
- **File 2 (GPS Coordinates):** GPS Analyser_V1
(If V1 is not working for checking, then use GPS Analyser_V2)



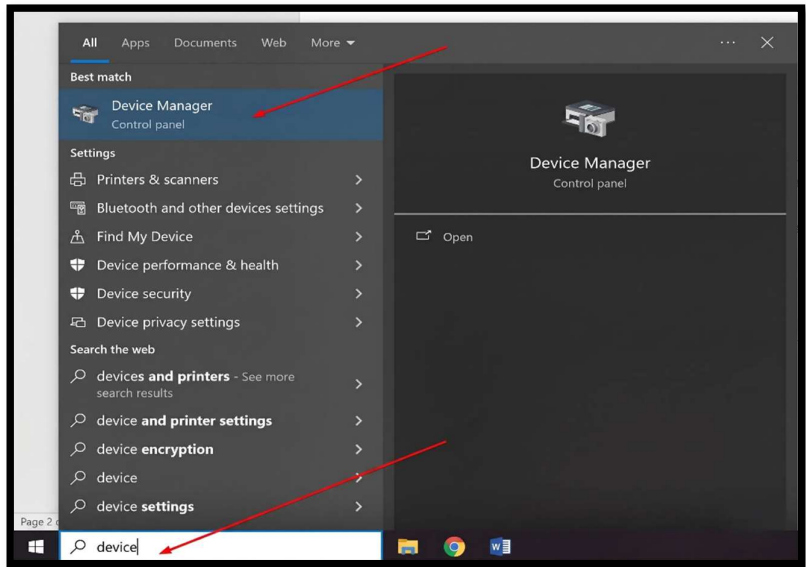
2. Right Click on the ZIP file named CP210x_Windows_Drivers.zip > Click on 'Extract All!'



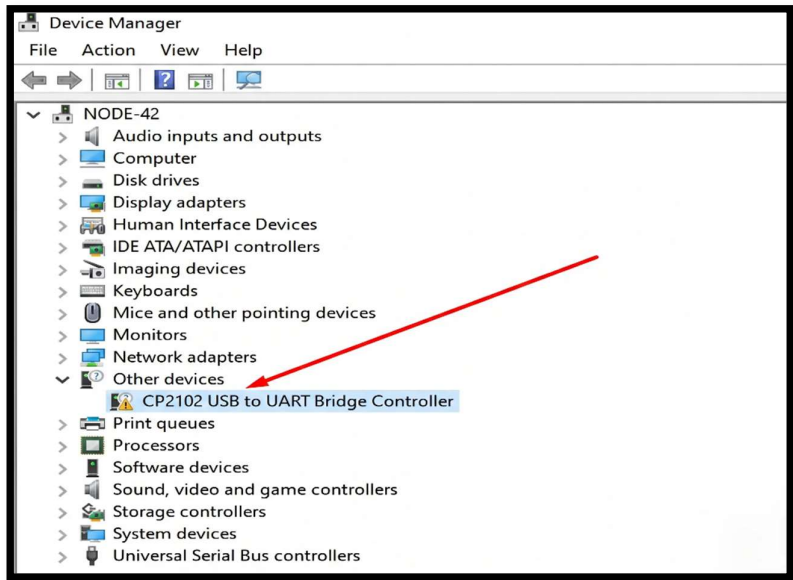
3. Then Click 'Extract'!



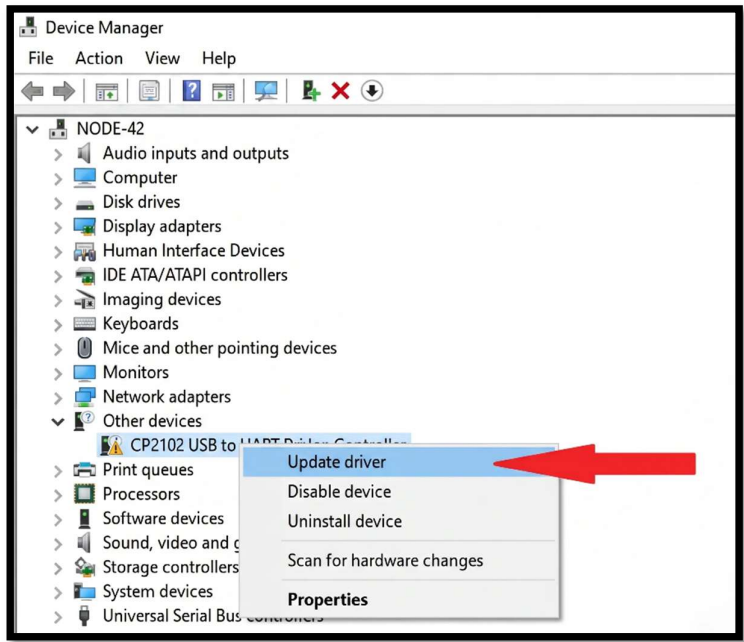
4. Connect the Device through USB Computer Cable and Open "Device Manager".



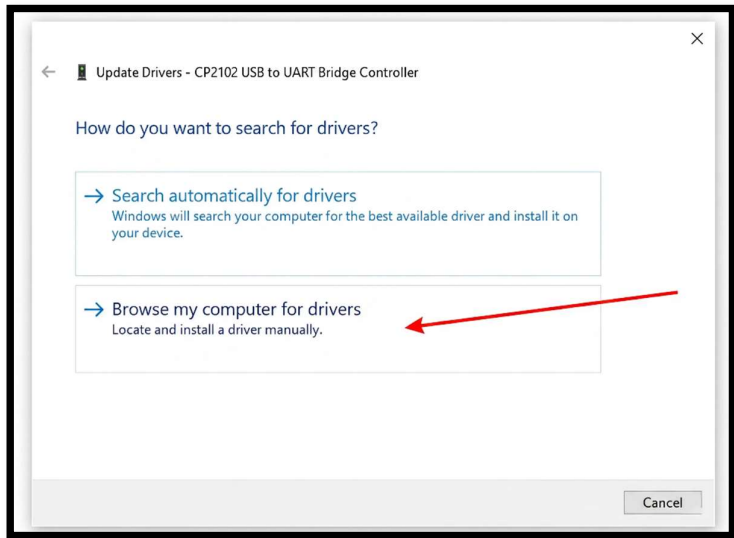
5. In Device Manager, under Other Devices, locate the device named "CP2102 USB to UART Bridge Controller".



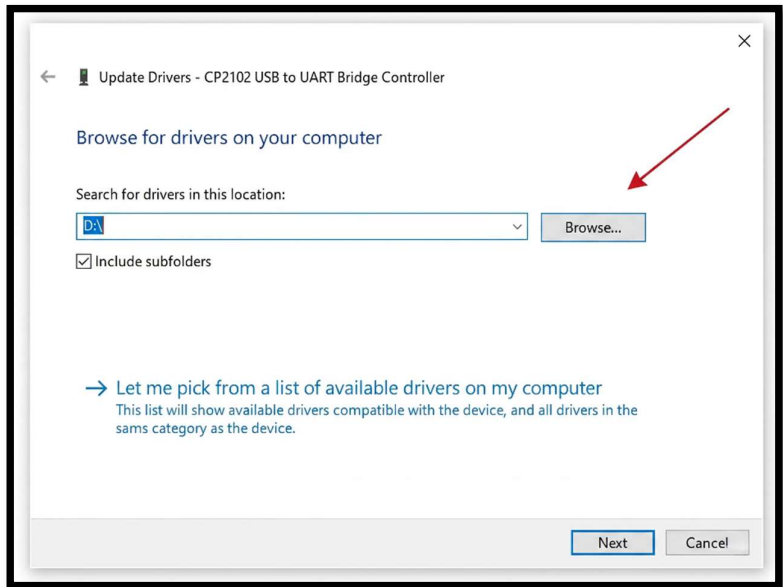
6. Right Click on "CP2102 USB to UART Bridge Controller" then click on "Update Driver".



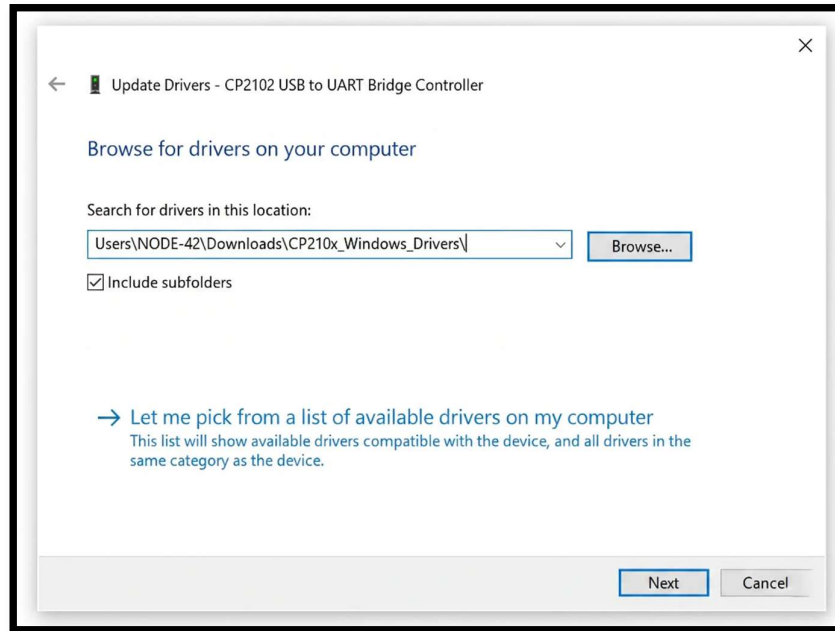
7. Click "Browse my computer for drivers".



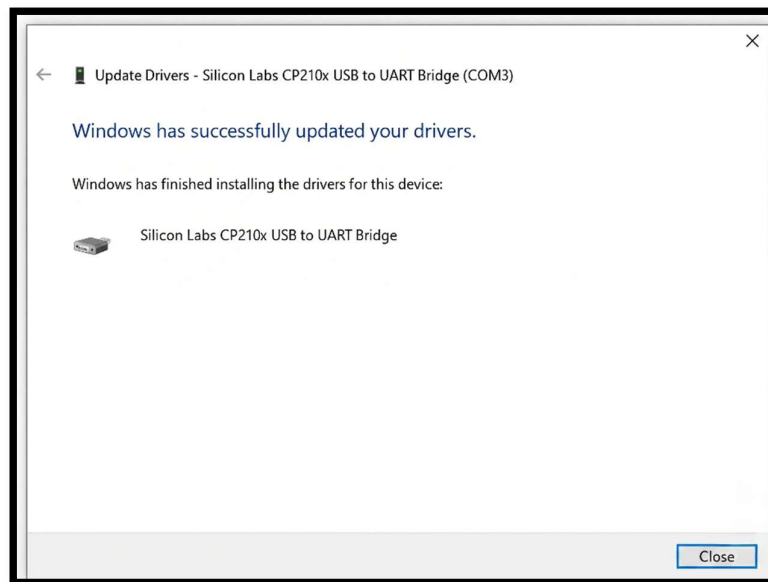
8. Click "Browse".



9. Select the path for the drivers where it was downloaded (usually in C:\Users\user\Downloads\CP210x_Windows_Drivers).



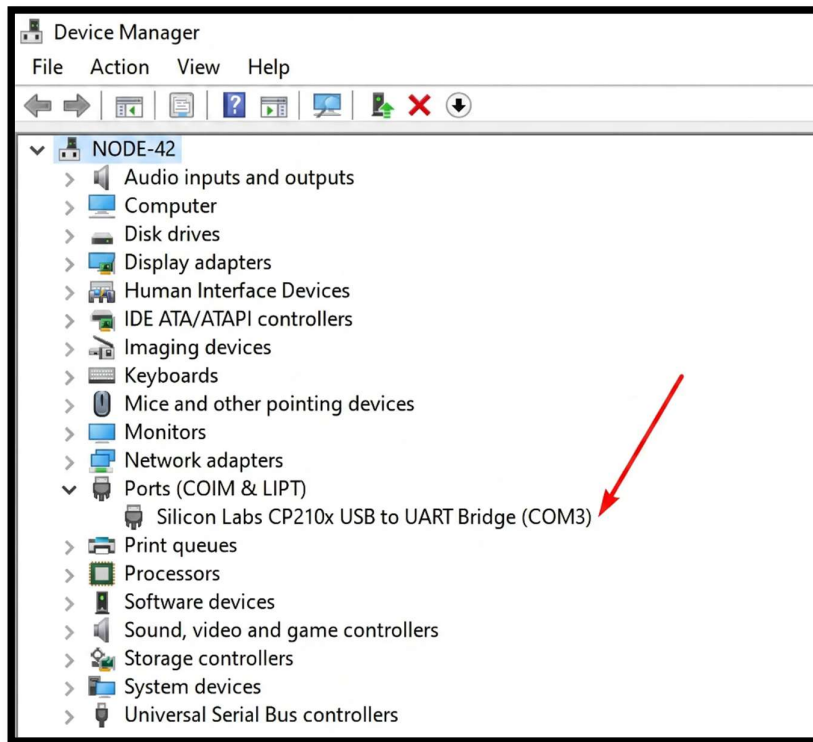
10. Click "Next": A popup will appear saying "Windows has successfully updated your drivers".



11. Check Port Settings

After driver installation, the device will be shown under the *Ports* Tab as "**Silicon Labs CP210x USB to UART Bridge**".

Please ensure: After the device name, the Port should be **COM2** or **COM3**. If it is different, right-click on the device name > **Properties** > **Port Settings** > **Advanced** > **COM Port Number** then select it to COM2 or COM3 (Disconnect & Re-connect the device after port change).

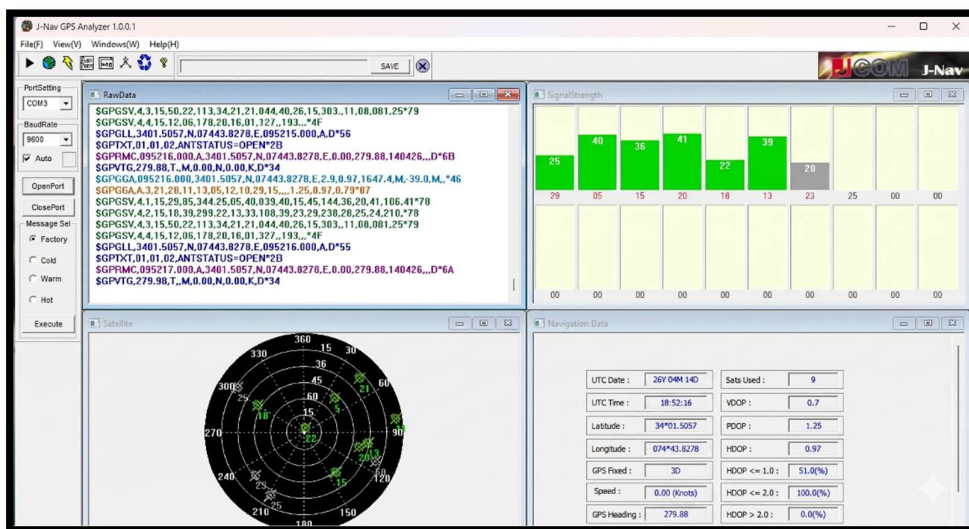


12. Verify GPS Coordinates

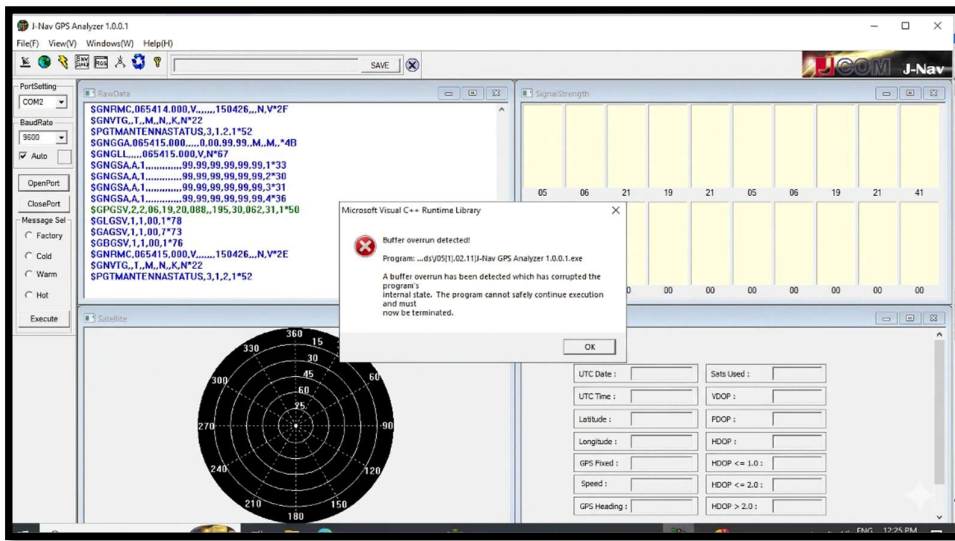
To check the GPS Coordinates, go to your downloads folder and open **Black Box GPS Analyser**.

- Select the Port which is showing in Device Manager (COM2 or COM3).
- Baud rate should be **9600** (In Analyser and also in Aadhaar Portal).
- Click on "**Open Port**" in the analyser.

Using Black Box GPS Analyser V1

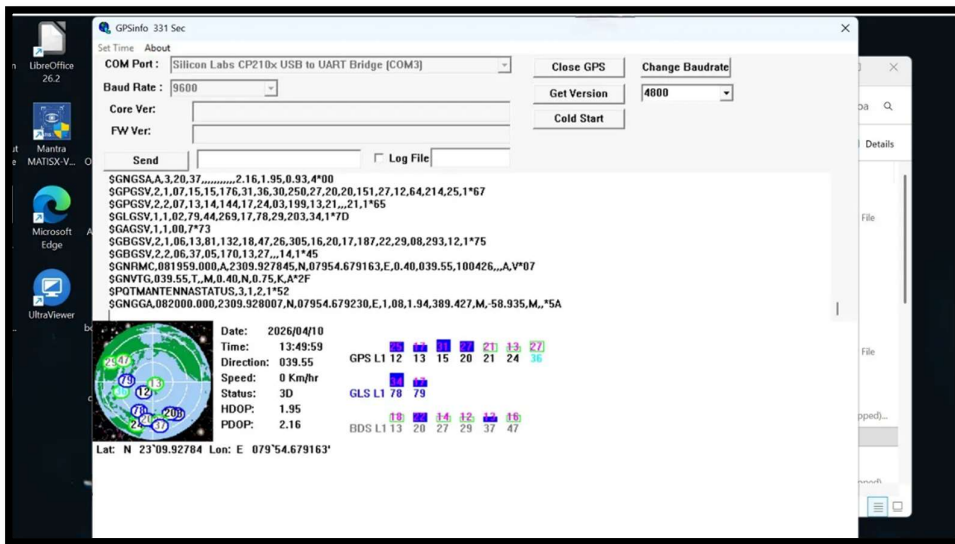


If above response shown then OK



If above response shown then OK

Alternative: Using Black Box GPS Analyser V2



If above response shown then OK

✓ Once verified, the device is ready to use.

Important Instruction on Aadhaar Portal

