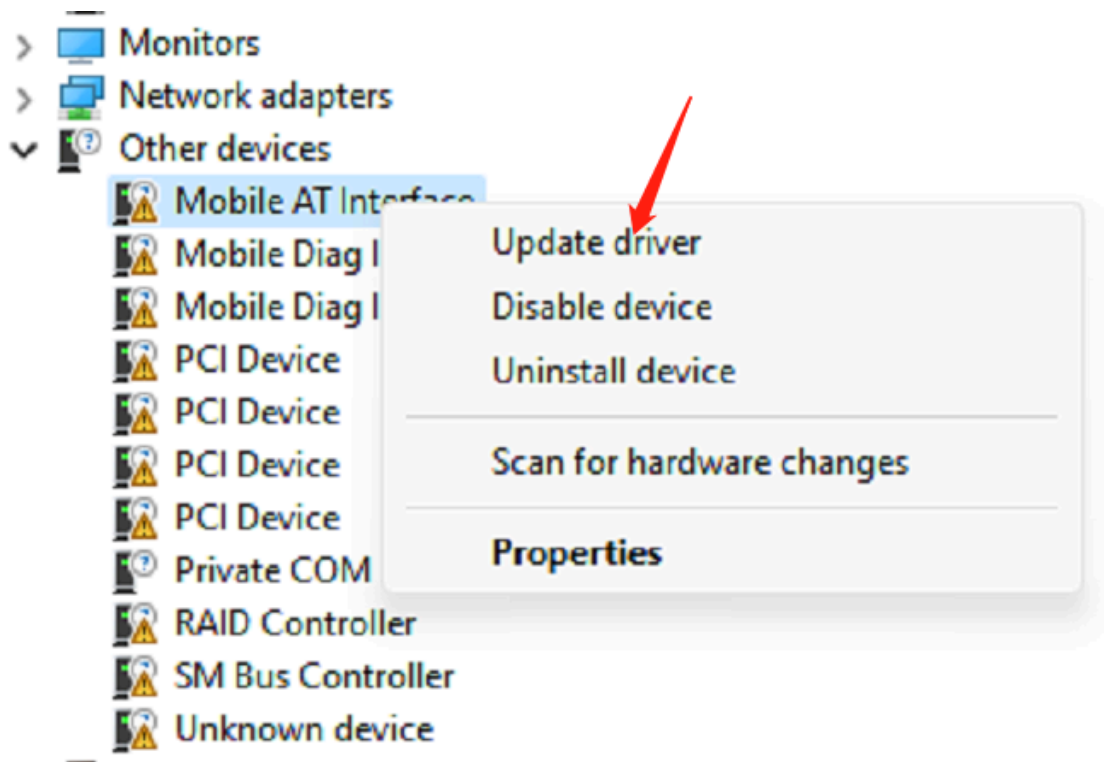


Please refer to the steps to test SIM7670 separately

- In case of power failure, insert the activated 4G SIM card, and connect the USB cable to the computer.
- Connect one end of the Type C USB cable to the PC's USB port and the other end to the USB port of the SIM7670G LTE Cat-1/GNSS HAT. The PWR light will illuminate, and wait approximately 0 to 1 second for the module to start. The NET light will remain steady, indicating successful module startup. Wait for the module to automatically search for the network; the NET light will begin to flash.
- Open the device manager; for first-time use, install the [Windows driver](#). Refer to the following image for installation instructions:
- Windows Driver:
<https://files.waveshare.com/wiki/A7670E-Cat-1-GNSS-HAT/A7600X-Windows-Driver.7z>





← Update Drivers - Mobile AT Interface

How do you want to search for drivers?

→ Search automatically for drivers

Windows will search your computer for the best available driver and install it on your device.

→ Browse my computer for drivers

Locate and install a driver manually.

Cancel

After the driver is successfully installed, you can see more COM ports as shown below:



Then please use this AT port to send commands to test (You can use the Arduino IDE Serial port to do this)

```
AT+CPIN?  
+CPIN: READY
```

```
OK  
AT+CNMP?  
+CNMP: 2
```

```
OK  
AT+CSQ  
+CSQ: 23, 99
```

```
OK  
AT+COPS?  
+COPS: 0, 0, "CHINA MOBILE CMCC", 7
```

```
OK  
AT+CPSI?  
+CPSI: LTE, Online, 460-00, 0x27B4, 205523841, 70, EUTRAN-BAND40, 38950, 5, 5, -  
101, -945, -645, 17
```

```
OK  
AT+CGREG?  
+CGREG: 0, 1
```

```
OK
```

