

GX GSM

Trouble shooting

Step	Details
1 Power	Check that the blue LED is either lit continuous or blinking
2 USB	The modem must be connected to USB, and visible in the Settings → GSM modem menu
3 Simcard	(feature is still being added to the software)
4 Signal strength	15 or higher (and see below table)
5 Network	

Antenna reception interpretation

Even when there is no simcard inserted, you can check signal strength.

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0 = -113 dBm or less
1 = -111 dBm
2 = -109 .. -53 dBm
31 = - 51dBm
99 = not known or not detectable

```

```

-50 to -75 dBm: high signal
-76 to 90 dBm: medium signal
-91 to -100: low signal
-101 to -120 dBm poor signal

```

You also need to remember that an outdoor antenna typically increases received signal by 15 dB to 25 dB. (verify)

TODO: replace above by something meaning full, ie indicate the signal strenght to the user in such way that he doesn't need to memorize rssi or other tables.

From:
<https://www.victronenergy.com/live/> - **Victron Energy**

Permanent link:
<https://www.victronenergy.com/live/venus-os:gx-gsm?rev=1530819812>

Last update: **2018-07-05 21:43**

