BLE section

FCC ID: 2AHR8-GPS4X0

Product Name: OCTO SharePro 4 GPS40000;
OCTO SharePro 4 R GPS41000

USER MANUAL

Revision History

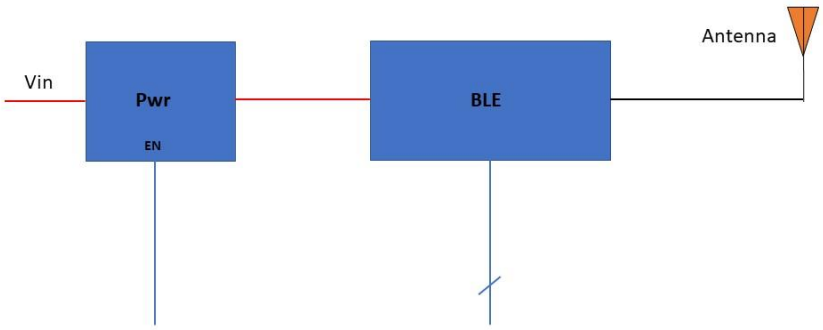
Revision	Date (yyyy-mm-dd)	Description of Changes
1.0	*2022-04-04*	First release

Content

1. BLE: description

The BLE section is made with a Frequency Hopping Spread Spectrum (FHSS) radio transceiver module, that operates in the unlicensed worldwide ISM band 2.4GHz band (2.402 – 2.480 GHz Utilized)

It has integrated a chip antenna and a power regulation subsection.



The transceiver Tx power is: -20 to +4 dBm

. The section is powered typically at 4.2V

2. Antenna

The module is provided with a chip antenna W3008:

Frequency 2400-2483.5MHz
Nominal Impedance 50 Ω
Radiation Pattern Omni
Gain 1.1dBi

3. Label

For reasons related to the size and legibility, it is not possible to affix the identification label in accordance with FCC rules. These data are shown below:

- FCC ID: 2AHR8-GPS4X0
- Model: OCTO SharePro 4 GPS40000 / OCTO SharePro 4 R GPS41000
- Manufacturer: Octo Telematics S.p.A.

4. FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This equipment complies with RF radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Host product manufacturers that they need to provide a physical or e-label stating:

“Contains FCC ID: 2AHR8-GPS4X0"

with their finished product.

Only those antennas with same type and lesser gain filed under this FCC ID can be used with this device.

The host product manufacturer is responsible for compliance to any other FCC rules that apply to the host not covered by the modular transmitter grant of certification. The final host product still requires Part 15 Subpart B compliance testing with the modular transmitter installed. The final host integrator must ensure there is no instruction provided in the user manual or customer documentation indicating how to install or remove the transmitter module.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation

This module has been tested and found to comply with part 15.247 requirements for Modular Approval.

This module is intended for OEM integrator. The OEM integrator is responsible for the compliance to all the rules that apply to the product into which this certified RF module is integrated. Additional testing and certification may be necessary when multiple modules are used.