LG Car Telematics Device User Manual

TFHOBINN0D2 (Alt. TFHOBINN0D1) of telematics device as TSU equipped in the vehicles.

This product is not used of the consumer, It is only used car company for example GM, TOYOTA.

1. Manual

➢ User Manual

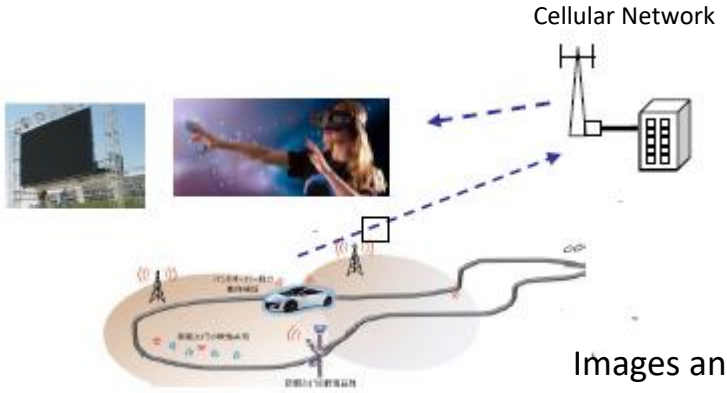
1. With TFHOBINN0D2 network with North America LTE/5G network, There will be perform some use-case to demonstrate LTE& WiFi performances targeted 1. High throughput features 2. Low Latency features.

Below is just for example.

- **1. High throughput features**

Demonstrate high-throughput, high-quality image by hotspot.

- **2. Low Latency features**



Images and file uploaded from the car are displayed without delay to other devices

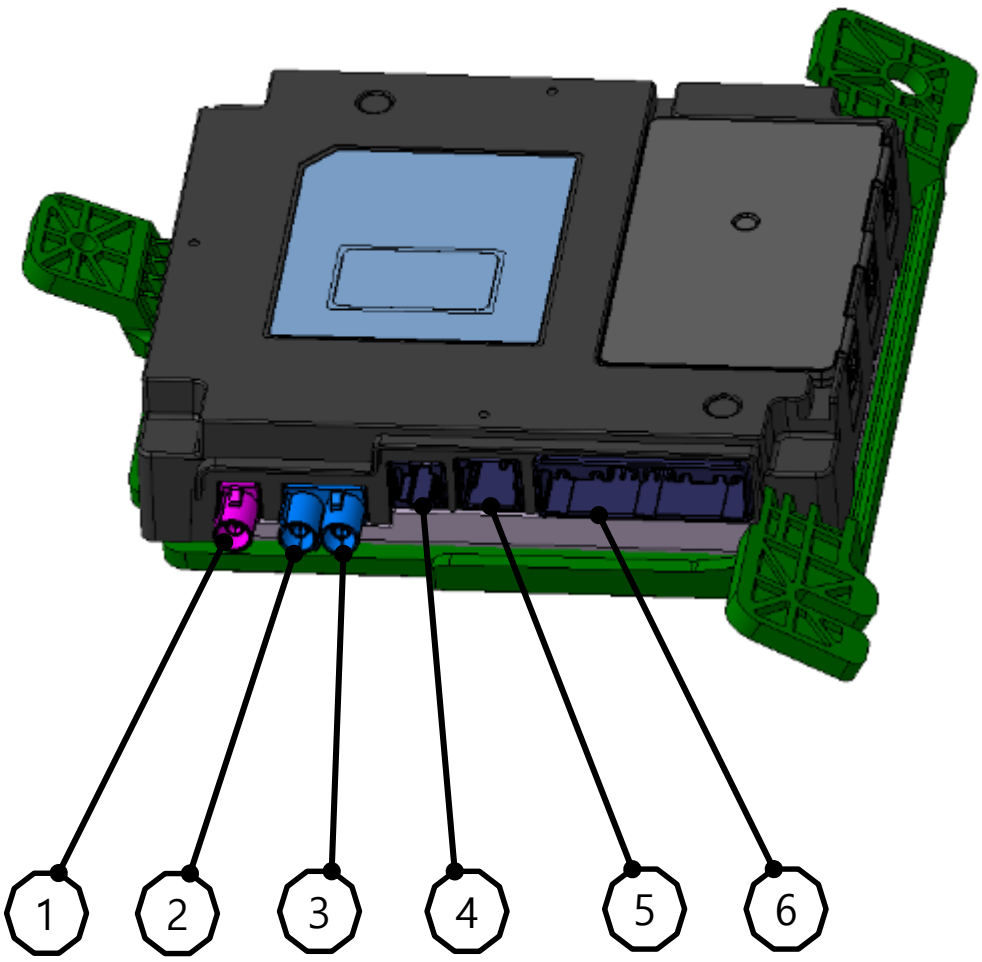
2. System Integration

➢ Telematics Components

Telematics System Unit(TSU)

The TSU controls the telematics system, communicating with the vehicle systems.

The system transmits/receives signals via Radio Frequency(RF), GPS and WiFi by internal Antenna.



Item	Description
1	External GNSS antenna connector
2	LTE MIMO2 Antenna connector
3	LTE MIMO1 Antenna connector
4	Ethernet connector
5	USB connector
6	Vehicle IF Connector

3. Notice

FCC Part 15.21 statement Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

FCC Part 15.19 statement 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.

RF Exposure (MPE) This equipment complies with FCC and IC RF Radiation exposure limits set forth for an uncontrolled environment. This device and its antenna must not be colocated
or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body.

Cet equipement est conforme a l'exposition de FCC et IC rayonnements RF limites e-tablies pour un environnement non controle. L’antenne pour ce transmetteur ne doit pas etre meme endroit avec d’autres emetteur sauf conformement a FCC et IC procedures de produits Multi-emetteur. Cet equipement doit etre installe et utilise avec une distance minimale de 20 cm entre le radiateur et votre corps.

IC Warning

"This device complies with Industry Canada licence-exempt RSS standard(s)." Operation is subject to the following conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le present appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisee aux deux conditions suivantes : (1) l'appareil ne doit pas provoquer de brouillage, et (2) l'appareil doit accepter tout brouillage radioelectrique subi, meme si le brouillage est susceptible d'en compromettre le fonctionnement.

3. Notice

For a Class B digital device or peripheral, the instructions furnished the user shall include the following or similar statement, placed in a prominent location in the text of the manual:

Note:
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.