

June 14, 2013

GEE
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RE: Certification for HKMC HKMC FACI TPMS LM/SL FL FSK 315MHz TX
Part Number: 233661-101
Model# : 66T
FCC ID: GQ4-66T
Canada IC: 1470A-47T

GENERAL DESCRIPTION

This device is a transmitter/sensor with tire valve, which is mounted in the valve hole of the rim and measures the pressure inside the tire, as well as if the vehicle is in motion. These measurements are then transmitted over Radio Frequency (RF) to a receiver also located in the vehicle.

Description of Operation

Sensor State/Mode	Description	Frequency of Transmission
Storage	Measures pressure / temperature.	Single 8-Frame TPS Message upon LF request.
Sleep	Measures pressure / temperature and motion.	Single 8-Frame TPS Message upon LF request.
Motion	Measures pressure / temperature and motion. Transmits periodically.	Single 8-Frame TPS Message at 16 second intervals for 1st minute after exiting Sleep State and then at 1 minute intervals or upon LF request.
Motion Alert	Measures pressure / temperature and motion. Transmits when: a) significant pressure delta detected	1 minute period of 4 second interval 8-Frame TPS Messages
Rest	Measures pressure / temperature and motion.	Single 8-Frame TPS Message upon LF request.