

April 27, 2007

OSS Electronics  
24175 Research Dr.  
Farmington Hills, MI 48335-2642  
Tel 248.478.7210  
Fax 248.478.7241

RE: Certification for Honda MY08 ASK Highline TPM Sensor

Model #: 217652-104  
FCC ID: GQ4-35T  
Canada IC: 1470A-16T

**GENERAL DESCRIPTION**

This transmitter is a transmitter device with tire valve, which is mounted in the valve hole of the wheel rim and transmits the pressure and temperature inside the tire, the battery voltage of the transmitter, and the tire identification code (ID) at normal and abnormal condition with the radio wave (RF) that conforms to the used area. Also this device has a countermeasure function such as the random delay of transmission time so that the RF signal from each tire will not interfere such as due to the simultaneous transmission. The transmitter device also has a Low Frequency (LF) detector. This detector supports Low Frequency (LF) magnetic field communications allowing the changing of measurement/monitoring states of the transmitter by commands sent via the wheel-arch mounted TPMS Initiator (LF transmitter). The RF signal operates at 315MHz and uses ASK bi-phase modulation. The transmitter transmits 4 RF packets every minute.

**Description of Operations**

| P/N        | Consumer's Use Mode | Mfg. Mode | Mode of Operation | Explanation   | Frequency of Transmission                            |
|------------|---------------------|-----------|-------------------|---|--|
| 217652-104 | X                   |           | Storage Mode      | No transmission. Measures temperature and pressure.   | 4 words whenever LF activation occurs                |
| 217652-104 | X                   |           | Normal Mode       | Measures temperature and pressure. Transmits periodically. Enters this mode from storage when a LF command has been sent. | 4 words every 1 minute, 4 words LF activation occurs |
| 217652-104 | X                   |           | Alert Mode        | Transmits when:<br>a) significant pressure delta detected<br>b) high temperature is detected                              | 8 words every 4 seconds for 1 minute                 |
| 217652-104 |                     | X         | Mfg. Mode         | Used to test soldering on LF coils.   | 4 words whenever LF activation occurs                |