Request for a limited modular approval

Dear Application Examiner,

The Qmotion module Model: QMHCS-908 is seeking FCC authorization as a limited modular transmitter. The requirements of FCC 15.212 are met. The following requirements are fulfilled:

1. The modular transmitter must have its own RF shielding
The host device provides RF shielding. See the external photos.
2. The modular transmitter must have buffered modulation/data inputs
There is a microprocessor on the board that collects the information from the digital data collection module and sends this stream to the RF transmitter.
3. The modular transmitter must have its own power supply regulation
The board used in this module includes its own 3.3 volt regulator on the main processor for regulating the power to the transmitter so regulation is not a problem.
4. The modular transmitter must comply with the antenna requirements of Section 15.203
The antenna is made from a 7.368 inch 24 AWG wire.
5. The modular transmitter must be tested in a stand-alone configuration
The EUT was tested in each of the host device enclosures providing RF shielding.
6. The modular transmitter must be labeled with its own FCC ID number
The EUT will be labeled with its own FCC ID number. Labeling instructions will be provided to the to the end integrator with labeling instructions when the FCC ID is no longer visible after installation.
7. The modular transmitter must comply with any specific rule or operating requirements applicable to the transmitter and the manufacturer must provide adequate instructions along with the module to explain any such requirements.
The EUT is compliant with all applicable FCC rules. Detail instructions are given in the User's Guide.
8. The modular transmitter must comply with any applicable RF exposure requirements in its final configuration.
Instructions are given in the installation manual for compliance to the RF exposure requirements.

Sincerely,

Josh Hansen

Josh Hansen
Regulatory Engineer
Nortek Security & Control LLC