



Federal Communications Commission  
P.O. Box 429  
Columbia, MD 21045

Date: October 14, 2010

RE: Application for Limited Modular Approval Certification for the M2 Gateway module

Dear Sir or Madam:

The following information addresses the requirements to support a limited modular approval as required by FCC Part 15.212, Modular Transmitters.

1. The direct sequence spread spectrum transmitter section is not shielded. Testing has been performed to assure compliance. The frequency hopping spread spectrum transmitter section has been shielded.
2. The M2 Gateway does not have external modulation or data inputs. The RF section is driven by an on board MCU which controls RF data lines and does not allow excessive modulation.
3. The modular transmitter has its own power regulation. The module will be integrated into a meter host which also offers power regulation.
4. The direct sequence and frequency hopping transmitters have antennas that are permanently embedded into the module circuit board.
5. The M2 Gateway module was tested within a host Landis+Gyr Focus electric meter. This module will always be internally integrated into a meter host.
6. The M2 Gateway register module will be labeled as required. The Landis+Gyr Focus meter host will also have the required labeling.
7. Operating requirements are included in the host technical manual.
8. MPE measurements are provided to demonstrate RF compliance. There is a cautionary statement that is included in the technical manual stipulating the 20 cm separation distance.

All Landis+Gyr Focus electric meter forms which act as hosts to the M2 Gateway module will be tested with the M2 Gateway module for compliance and documented through the permissive change process.

Sincerely,

Name: Lee Littlejohn  
Title: Regulatory Engineer

Signature:   
Date: October 14, 2010