

ENERNET CORPORATION

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Request for Modular Approval Attestation for
the **916.5 MHz RF Module** (FCC ID: **TGD13000**)

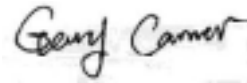
Per the FCC Public Notice DA-00-1407 for Part 15 Unlicensed Modular Transmitter approval the following information is provided:

- 1) "The modular transmitter must have it's own shield."
All of the transceiver RF portions are in a hermetically sealed case on the top surface of the module.
- 2) "The modular transmitter must have buffered modulation/data inputs".
Input signal buffered by the IC CY7C53120L8.
- 3) "The modular transmitter must have it's own power supply regulation."
The schematic for this unit shows on-board regulators.
- 4) "The antenna must either be permanently attached or employ a "unique" antenna connector. Any antenna used with module must be approved with the module at time of initial authorization. Professional installation provision may not be applied to modules regarding use of any other antenna other then the one authorized at the time of Certification of the module."
The module is being certified with two antennas:
Antenna Factor P/N ANT-916-MHW -RPS: Stick-On 1/2-wave Dipole Antenna-PCB Mount
ENERNET P/N 060-012: PCB Mounted 12-Inch Coaxial Monopole-PCB Mount
All units are OEM professionally installed. See the external photo.
- 5) "Any antenna used with the module must be approved with the module. (The "professional installation" provision (15.203) may not be applied to modules)"
The module is being certified with two antennas:
Antenna Factor P/N ANT-916-MHW -RPS: Stick-On 1/2-wave Dipole Antenna-PCB Mount
ENERNET P/N 060-012: PCB Mounted 12-Inch Coaxial Monopole-PCB Mount
All units are OEM professionally installed.
- 6) "The modular transmitter must be tested in a stand-alone configuration, i.e., must not be inside another device during testing."
The Module was tested as a standalone device, not inside any other equipment.
- 7) "Unless the module is battery powered, it must comply with the AC line conducted requirements found in Section 15.207."
It comply with the AC line conducted requirements. See the page 9-11 of the test report.
- 8) "AC, DC, and data input/output lines must not contain ferrites, unless they will be marketed with the module."
The module has not ferrites.
- 9) "The module must have its own FCC ID and if not visible when installed inside another device, the outside device must display a label referring to the enclosed module. In this case, a copy of the instructions must be included in the application for equipment authorization. "
The FCC ID Label Sample and Label Location are included in the exhibits.

- 10) "The modular transmitter must comply with any specific rule or operating requirements applicable to the transmitter and must provide ADEQUATE instructions along with the module to explain any such requirements."
The 13000 meets all of the requirements per FCC Rules Part 15.249 and data is included in the report.
- 11) "The module must comply with RF exposure requirements. See FCC Rules. Spread Spectrum transmitters must comply with RF exposure limits in 15.247. "
The 13000 meets RF exposure limits in 15.247 and data is included in the report.
- 12) "When approved, the grant of equipment authorization for the transmitter module MUST have the word "module" or "modular" added to the Remarks section of the grant."
The module meets this requirement and sees the label sample.

Sincerely,

ENERNET CORPORATION



Gary Carner
Senior Engineer