

TIMCO ENGINEERING INC.

849 NW State Road 45

Newberry, Florida 32669

<http://www.timcoengr.com>

888.472.2424 F 352.472.2030 email: sid@timcoengr.com

MODULAR REQUIREMENTS

1. The modular transmitter must have its own RF shielding.
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.
The transmitter has a modulated buffer amplifier for data transmission. See the operational description exhibit.
3. The modular transmitter must have its own power supply regulation.
The schematic for this unit shows on-board regulators.
4. The modular transmitter must comply with the antenna requirements of Section 15.203 and 15.204(c).
The module is being certified with four antennas

Antenna Factor P/N 916-PW-QW - Chassis-mount monopole.
Enernet P/N 060-012 - 1 Meter Coaxial monopole- PCB Mount
Enernet P/N 060-011 - Wire monopole - PCB Mount
Enernet P/N 060-010 - Helically loaded wire monopole, PCB mount
All units are OEM professionally installed.
5. The modular transmitter must be tested in a stand-alone configuration.
The 10200 was tested stand alone with each antenna. See the test setup photographs.
6. The modular transmitter must be labeled with its own FCC ID number.
The FCC ID Label Sample and Label Location are included in the exhibits.

APPLICANT: ENERNET CORPORATION

FCC ID: TGD12200

REPORT #: E\ENERNET\1543AUT5\1543AUT5TestReport.doc

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MODULAR REQUIREMENTS CONTD.

7. The modular transmitter must comply with any specific rule or operating requirements applicable to the transmitter.
The 10200 meets all of the requirements per FCC Rules Part 15.249 and data is included in the report.
8. The modular transmitter must comply with any applicable RF exposure requirements.
The unit is of such low power it meets all RF Exposure requirements.

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