

December 1, 2010

**Aclara RF, Inc.
30400 Solon Rd.
Solon, OH 44139
440-528-7451**

Federal Communications Commission
Office of Engineering and Technology
Equipment Approval Services

RE : Application for obtaining a transmitter approval
Attached Application Form 731
FCC ID: LLB14973

Dear Sir or Madam:

Hexagram Inc. wishes to obtain an approval for a telemetry transmitter (MTU) with the FCC ID LLB14973. The specifics of this transmitter: the LLB14973 transceiver is working in conjunction with variety of commercial electrical utility meters of S4e type. Previously, identically transmitters of Hexagram are approved by FCC.

The differences in a current application are:

- The current MTU has increased RF power to operate within RF abstracting areas, such deep basements, utility pits, and in a long hall between TX and RX. The transmitter section has better harmonic and spurious filtering. Much efficient power amplifier is used to prolong product life and enhance product quality.
- The current MTU works with internal antenna.
- New advanced firmware is used. Product functionality is increased.
- Consequently, the PCB and imbedded software are redesigned to fit new RF circuitry.

Complete information about LLB14973 device is documented in the attached circuit schematics and photographs.

The LLB14973 transmitter was tested for conformance to the technical requirements of 90.201 Subpart I-General Technical Standards. Results of tests are attached to this application. The LLB14973 was found to be in conformance with all technical requirements of 90.201.

Sincerely,

Lazar Feldman
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RF & Microwave Technology
Aclara RF
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