October 19, 2006

**HEXAGRAM, Inc.**
**23905 Mercantile Rd.**
**Cleveland, OH 44122**
**216-896-8536**

Federal Communications Commission
Office of Engineering and Technology
Equipment Approval Services

RE : Application for obtaining a transmitter approval
Attached Application Form 731
**FCC ID: LLB9845**

Dear Sir or Madam:

Hexagram Inc. wishes to obtain an approval for a telemetry transceiver (MTU) with the FCC ID LLB9845 [Class 2 changes]. The specifics of this transceiver: the LLB9845 transceiver is installed within a solid-state Landis & Gyr "S-4" family of electrical meters. Previously, this transmitter [LLB9845] of Hexagram was approved by FCC.
The differences in a current application include:

- different antenna configuration which allows to simplify final assembly;
- different RF harmonic filter architecture which allows to avoid hard to get integrated filter IC, better harmonic suppression, and cost reduction.
- Different version of MSP430 micro-controller, which has more memory for programming. All clocks and oscillators remain at the same frequency and levels.

Consequently, the PCB is redesigned to fit new Antenna.
No changes in Receiver stages are made.

Complete information about LLB9845 device is documented in the attached circuit schematics and photographs.

The LLB9845 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 LLB9845 was found to be in conformance with all technical requirements of 90.201.

Sincerely,

Lazar Feldman
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Hexagram Inc.
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