

April 21, 2006

HEXAGRAM, Inc.
23905 Mercantile Rd.
Cleveland, OH 44122
216-464-1057

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. The specifics of this transceiver: the LLB9845 transceiver is installed within a solid-state Landis & Gyr "S-4" family of electrical meters. Previously, identically transmitters of Hexagram are approved by FCC.
The differences in a current application are:

- The current MTU is 2-way communication device, which includes a Transmitter and a Receiver.
- The transmitter section has no principal difference compare to previous one. Much efficient power amplifier is used to prolong product life and enhance product quality.
- A new microcontroller is applied to increase accuracy of meter reading and perform 2-way communication.
- Consequently, the PCB and imbedded software are redesigned to fit new RF circuitry.

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
Principal Engineer
RF & Microwave Technology
Hexagram Inc.
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