

EMC Testing Laboratories, Inc.

2210 Justin Trail., Alpharetta, GA 30004

Curtis-Straus LLC
527 Great Road
Littleton, MA 01460

December 31, 2002

Attention: Mr. Barry Quinlan

Subject: FCC Part 15 submittal for Certification of model HT130022.

Gentlemen:

On behalf of HQ, Inc., (FRN 0007691116) we at EMC Testing Laboratories, Inc., would like to submit a application to obtain a "Limited Modular Approval" for model HT130022 and would request that block diagrams, circuit schematics and the detailed theory of operation submitted for review for the module be withheld from public disclosure. This request is made under the provisions of Section 0.457 (d) and in accordance with 47 CFR 0.459. The information contained in the block diagrams, circuit schematics and the detailed theory of operation is proprietary information (trade secrets) and with the disclosed information competitive organizations would take considerable more time to assess and develop a workable competitive product. As a result, we believe that disclosure of these company guarded materials would compromise our leading position in this market.

The model HT130022, is a data transmitter device, which is intended for use "only" in HQ, Inc. equipment. For your use in establishing this report and to obtain "Limited Modular Approval" we have addressed the 8 action item as indicated in the FCC Public Notice DA 00-1407, dated June 26,2000 as follows:

1. RF shielding – The purchased transmitter module from Radiometrix, part number BiM3-914-64 is encased in a metal enclosure and therefore no additional shielding is considered necessary.
2. Excessive data rates – The model HT130022 is software controlled exclusively by HQ, Inc. software and as indicated in the duty cycle exhibit provided with the application has been maximized at a 60% duty cycle.
3. Power regulation – The module is provided with its own power supply regulation. Additionally, the applicant controls the type of input power by the use of a specific external power supply, (as indicated in the test report) or is powered by a 9Vdc battery.
4. Antenna requirements – The module is provided with either a reverse sma antenna connector or permanently attached antenna. Both types of antennas are ¼ wave whip style antennas.
5. Standalone configuration – During the testing of this equipment the unit was tested in a standalone configuration and with the maximum length cables intended to be used.

6. FCC Label – Since the equipment is to be use exclusively in HQ, Inc. products, the manufacturer intends utilize a pressure sensitive label, (which is intended to last the life of the product) on the outside of all equipment that the module is utilized.

7. Instructions for use – Since this product is for use only within HQ, Inc. equipment and since HQ, Inc. shall maintain full control of the product the following criteria shall be insured during manufacture and use of the product.

A. The module will not be modified from its original certified configuration

B. The module will be installed in a manner to eliminate possible coupling effects such as, routing all internal power and data wiring away from module.

C. The module will be limited to a maximum 60% duty cycle as controlled by HQ, Inc., communication software.

8. A RF exposure requirement – The module operates under section 15.249 and has no RF exposure requirements.

Additionally, we have enclosed a completed 731 form, application and confidentiality fees, in the amount of \$1,235.00.

Should you have any questions or comments, please do not hesitate to contact us.

Kent Stewart
Laboratory Manager
EMC Testing Laboratories