



February 15, 2004

Federal Communication Commission  
Equipment Approval Services, P.O. Box 358315  
Pittsburgh, PA 15251-5315  
Attention: Authorization & Evaluation Division

RE: Application for Certification of Johnson Controls Transmitter under 47 CFR 15.231.  
Model: CB2GTX2HL3  
FCC ID: CB2GTX2HL3  
Form 731 Confirmation #**EA267943**

To whom it may concern,

Submitted here are materials for your consideration in determining the original equipment grant for a Johnson Controls Interior, LLC, Universal Garage Door Opener product. The FCC ID for this product is CB2GTX2HL3. Please issue a grant without delay upon adequate evaluation of our report.

The JCI Model CB2GTX2HL3 is part of the Homelink® III series. Homelink® III devices are capable of learning garage door opener frequencies and codes from the user's original transmitter. The device is capable of learning in the range between 288MHz and 420MHz excluding forbidden frequency regions. In addition, this particular model Homelink® has been tested as part of a self-dimming mirror product manufactured by Gentex Corporation of Zeeland, MI. The Homelink® is to be installed in any of three different mirror models. The first model is the base self-dimming mirror and has no special features. The second includes a "smartbeam" feature and the final model includes the smart beam and a Remote Keyless Entry (RKE) module. The transmitter included in each mode is identical.

The "smartbeam" model produced the worst-case transmitter characteristics and also had the worst-case digital emissions. For this reason, the only test results presented are for the worst-case "smartbeam" model. However, operational descriptions, schematics and photographs are included for all three models. We believe that because the transmitter has no relation to the mirror-housing that a single report should cover all three models.

Johnson Controls Interiors has invested considerable resources into developing our Homelink® products. For this reason we respectfully request that the following items be held as confidential.

- Circuit Block Diagrams
- Theory of Operation
- Schematics

The Federal Communications Commission will be notified, in writing of any changes in the software/programming of this device that could affect its RF characteristics.

Please do not hesitate to contact me with any questions you may have regarding this report. As always we look forward to your timely response.

Sincerely,

A handwritten signature in black ink, appearing to read "Jeremy P. Bos". The signature is fluid and cursive, with the first name "Jeremy" being more prominent than the last name "Bos".

**Jeremy P. Bos**

Lead Test Engineer (EMC/RF)

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