



NVLAP ACCREDITED
NARTE Certified Engineer
Professional Engineer

ELITE Electronic Engineering

TCB Services
1516 Centre Circle
Downers Grove, IL 60515-1082

Re: Application for Certification of Johnson Controls Transmitter under 47CFR 15.231.
FCC ID: **CB2GTXML3**

Gentlemen:

On behalf of the applicant, Johnson Controls Interiors, LLC, please find attached the submittal materials for certification of the JCI Universal Garage Door Opener, Model CB2GTXML3. This model, a part of their Homelink® III series, is capable of learning the current garage door transmit frequencies from 288MHz through 420MHz except in the forbidden frequency regions. The device learns the frequency and the pulse modulation pattern. It pulse modulates using duty cycles from 30 through 80 percent.

This unit is an OEM specific model and was tested in the mirror assembly which will house this Universal Garage Door Opener.

Pursuant to 47CFR 0.459, Johnson Controls Interiors requests that these listed exhibits be held confidential.

Circuit Block Diagrams	page 2 of Exhibit B
Theory/Description of Operation,	page 3 of Exhibit B
Schematics	page 4 of Exhibit B
Bill of Material, Parts List	page 1,2 of Misc. Exhibits

Johnson Controls Interiors has invested considerable resources into developing this Homelink® series. Having the listed exhibits available to 'competition' would negate the advantage achieved in developing this product. Since their Homelink® series transmitters will be a major product line for Johnson Controls Interiors, not protecting the details of the design will result in a financial hardship for the company.

The complete List of the Exhibits in this submittal package appears on Page 2 of this cover letter.

Your prompt consideration of this application for product certification will be greatly appreciated. Should you have any questions regarding the content of this report, kindly contact me.

Sincerely,

Ted Chaffee,
Technical Lab Manager
Narte Certified Engineer, #EMC-002025-NE
tel/fax: 616. 424.7014
email: tchaffee@ahde.com, or ahd@locallink.net

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