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Modular Approval Declaration Letter

Reason for Amendment (current / obsolete)	Revision History		Approved Date
	From	To	
Initial Release (Obsolete)	1.0	1.0	Dec-04-2006
Added IC Modular Letter (Obsolete)	1.0	2.0	Feb 16 2009
Add LMA and MA option (Obsolete)	2.0	3.0	April 14 2010
Revised per RSS Gen issue 3.0 (Obsolete)	3.0	4.0	Jan 12 2011
Removed Foot(2) (obsolete)	4.0	5.0	July 19 2011
Adding New note per KDB996369 D01 V01R03 (obsolete)	5.0	6.0	August 29 2011
Updated company template & Added text box (current)	6.0	7.0	Jan-31-2012

1/3/2012

(Product name) FCC ID : YV8-203015 ,
is seeking FCC Authorization as a ☒ ***Single Modular transmitter*** / ☐ ***Single Limited Modular Approval*** (Please check one).
The EUT meets the requirements for ☒ ***Single Modular approval*** / ☐ ***Single Limited Modular Approval*** (please check one)
as detailed in FCC public Notice DA00-1407. Compliance to each of the requirements is described below:

Questions are: * Please provide a detailed explanation if the answer is "No."

1. **"The modular transmitter must have its own RF shielding."** ☒ Yes / ☐ No
2. **"The modular transmitter must have buffered modulation/data inputs."** ☒ Yes / ☐ No
3. **"The modular transmitter must have its own power supply regulation."** ☒ Yes / ☐ No
4. **"The modular transmitter must comply with the antenna requirements of section 15.203 and 15.204(c)."** ☒ Yes / ☐ No
5. **"The modular transmitter must be tested in a stand-alone configuration."** ☒ Yes / ☐ No
6. **"The modular transmitter must be labeled with its own FCC ID number."** ☒ Yes / ☐ No
7. **"The modular transmitter must comply with any specific rule or operating requirements applicable to the transmitter and the manufacture must provide adequate instruction along with the module to explain any such requirements."** ☒ Yes / ☐ No
8. **"The modular transmitter must comply with any applicable RF exposure requirements."** ☒ Yes / ☐ No

Note:
(1) LMA may be granted when one or more of the requirements in the table above cannot be demonstrated.
LMA will also be issued in those instances where applicants can demonstrate that they will retain control over the final installation of the device, such that compliance of the end product is assured. In such cases, an operating condition on the LMA for the module must state that the module is only approved for use when installed in devices produced by a specific manufacturer.
When LMA is sought, the application for equipment certification must specifically state how control of the end product into which the module will be installed, and will be maintained, such that full compliance of the end product is always ensured.
(2) Please provide Clear and specific instructions describing the conditions, limitations and procedures for third-parties to use and/or integrate the module into a host device.
(3) For non-Software Defined Radio transmitter modules where software is used to ensure compliance of the device, technical description of how such control is implemented to ensure prevention of third party modification must be provided (see KDB 594280).

Note 1: Compliance of a module in its final configuration is the responsibility of the applicant. A host device will not be considered certified if the instructions regarding antenna configuration provided in the original description, of one or more separately certified modules it contains, were not followed.
Example: A separately certified low-power transceiver module using Bluetooth technology which is housed in a desktop computer, laptop or peripheral does not require the overall system to be recertified, if the desktop computer, laptop or peripheral, as a stand-alone unit, complies with all applicable technical standards.

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FMA Declaration Letter

We, Legrand Home Systems, request "Modular Approval" for our 203015 module which will be installed in products that need to communicate with Legrand proprietary wireless Lighting Control devices.

This device is a complete RF Transmitter, i.e., it has its own reference oscillator (e.g., VCO), antenna, etc. The only connectors to the module are power supply and buffered modulation/data I/O lines. Compliance with FCC RF Exposure requirements is passing and is calculated in accordance with the test report, with sufficient margin. We are aware that the end device into which an authorized module is placed is not required to obtain new authorization for the module, however this does not preclude the possibility that some other form of authorization or testing may be required for the device (e.g., a Wi-Fi device into which an authorized module is installed must be authorized as it contains more than one transmitter device).

The modular transmitter does have its own RF shielding and was tested without an enclosure with only power and data inputs connected (using an interface board).

The modular transmitter has buffered modulation/data inputs (if such inputs are provided) to ensure that the module will comply with Part 15 requirements under conditions of excessive data rates or over-modulation. The modular transmitter must have its own power supply regulation. This is intended to ensure that the module will comply with Part 15 requirements regardless of the design of the power supplying circuitry in the device into which the module is installed. The modular transmitter complies with the antenna requirements of Section 15.203 and 15.204(c).

The antenna type used in the product is a ceramic chip antenna (2.56 dbi gain - Ethertronics M620710) Test data from this antennas is included with the test report. Any modification to the antennas will result in a Class II permissive change.

The modular transmitter was tested in a stand-alone configuration, i.e., the module was not inside another device during testing. This shows that the module is capable of complying with Part 15 emission limits regardless of the device into which it is eventually installed. The modular transmitter will be labeled with its own FCC ID number, and, if the FCC ID is not visible when the module is installed inside another device, then the outside of the device into which the module is installed will also display a label referring to the enclosed module. This exterior label of such products will use wording such as the following: "Contains FCC ID: YV8-203015". The modular transmitter complies with all the specific rules or operating requirements applicable to this transmitter and we attest that we will provide adequate instructions along with the module to explain the manufacturer's installation procedure. The modular transmitter complies with any applicable RF exposure requirements, as per the test report. The end device manual will provide specific installation and operating instructions for users, installers and other interested parties to ensure compliance, such as that 'a minimum distance of 20cm between the antenna and any person is to maintained during operation'. As all the requirements have been satisfied, we request a modular approval for our 203015 product

I the undersigned attest that I am an authorized representative of Legrand Home Systems and attest to the above.

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