

## **Modular approval Declaration letter – FCC rev2**

Product: 2BIN-iD

Model: LD2-EA0002

FCC ID: 2ADCY-LD2EA0002

The device complies with limited modular transmitter approval as per 15.212 and 996369 D01 Module Equip Auth Guide v01r04.

### **Requirements:**

1) The radio elements must have the radio frequency circuitry shielded. Physical components and tuning capacitor(s) may be located external to the shield, but must be on the module assembly.

*Answer : No*

2) The modular transmitter must have 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.

*Answer : Yes*

*Description: All inputs to the modules are buffered through logic or microprocessor inputs.*

3) The modular transmitter must have its own power supply regulation.

*Answer : No – its powered by an external 5V DC.*

4) The module must contain a permanently attached antenna, or contain a unique antenna connector, and be marketed and operated only with specific antenna(s), per Sections 15.203, 15.204(b), 15.204(c), 15.212(a), 2.929(b).

*Answer : Yes*

*Description: Permanent PCB circuitry antenna*

(5) The module must demonstrate compliance in a stand-alone configuration;

*Answer : No*

*Description : The device was tested with hosted housing.*

(6) The module must be labelled with its permanently affixed FCC ID label, or use an electronic display (See KDB Publication 784748 about labelling requirements);

*Answer : Yes*

*Description: The module has a permanent fixed label.*

(7) The module must comply with all specific rules applicable to the transmitter including all the conditions provided in the integration instructions by the grantee;

*Answer : Yes,*

*Description: The module comply with all specific rules applicable to the transmitter including all the conditions provided in the integration instructions by the grantee. Upon approval , only Logi-D will use the module as part of custom made Inventory Management Systems. Refer to test report and user manual .*

(8)The modular transmitter must comply with any applicable RF exposure

*Answer : Yes*

*Description: Transmitter meets MPE calculation of 47 CFR 1.1307 and KDB Publication 447498 D01 General RF Exposure Guidance v05r02, and the user manual clearly states the RF Exposure warnings.*

FCC part 15.212 (b) requirement.

“-----The applicant for certification must state how control of the end product into which the module will be installed will be maintained such that full compliance of the end product is always ensured.”

*Answer : Yes*

*Description: Upon approval , only Logi-D will use the module as part of its own devices custom made to support Logi-D Inventory Management Systems. This demonstrates that Logi-D will retain control over the final installation of the device, such that compliance of the end product is assured*