ALERT LABS

Date: March 15, 2017

Federal Communication Commission
Equipment Authorization Division, Application
Processing Branch
7 435 Oakland Mills Road
Columbia MD 21048

Certification and Engineering Bureau
Industry Canada
P.O. BOX 11490, Station H
3701 Carling Avenue (Building 94)
Ottawa, Ontario
K2H 8S2

Subject: Request for Class II Permissive Change

Model: Alert Labs RN2903
FCC ID: 2AKXF-ALB010
IC: 22365-ALB010

To whom it may concern:

The undersigned, on behalf of Alert Labs, is requesting a Class II Permissive Change for the above mentioned model with the modifications listed below. This change is to be integrated into the following 2 end products: Alert Labs Flowie Water Sensor and Alert Labs Floodie Companion Sensor.

- Allow co-location with other ISED and FCC approved transmitters subject to the conditions stated in the MPE Exposure Report which will be updated with this request.
- Modify the mode of operation of this module to limit it to DTS only, where the original grant authorizes capability of Hybrid and DTS modes. The mode of operation for the module is controlled by Alert Labs firmware which limits the mode to DTS only, and is not accessible to the user.
- Restrict the operating frequency range to 903 MHz – 927.5 MHz, which is within the original grant conditions. Alert Labs Inc will be using the module in a point to point communications link between our companion products. The choice of operating frequency is controlled by Alert Labs firmware which is not accessible to the user and will be limited to 903 MHz to 927.5 MHz.
- Integrate a different antenna from the original module. The updated antenna is a helical PCB antenna with a maximum gain of +2.33 dBi in the frequency range 903 MHz – 927.5 MHz.

Yours Truly,

(Signature)

Kevin Wright
(Printed Name)

Title: Vice President, Engineering
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