Vendargues August the 16th of 2018

Re: FCC ID: 2AEGUHTR01-2AW

Applicant: SENSEOR
Correspondence Reference Number: 417122
Form 731 Confirmation Number: TC886807
Date of Original E-mail: 08/03/2018

Dear Dave Galosky

Please find below the answers to your questions:

Q 1.*Please clarify the antenna type used during testing as opposed to what is pictured in the user manual on file. Additionally, please provide the antenna specifications and list/describe any other antennas that may be offered for sale for use with the system. Please also explain operation of the system with respect to considerations described in KDB Publication 662911 D01 Multiple Transmitter Output. If KDB Publication 662911 D01 is not applicable, please describe why.*

A 1: The antenna currently supplied with the product on the US market is the one used during testing by laboratory (see data sheet attached). No other antenna can be used with this product. A specific connector does not allow the use of any other model.
It is true that the antenna visible in the user manual is not exactly the one provided with the product, but this antenna was only a prototype used to make this document.
Regarding compliance with KDB Publication 662911 D01, this document does not apply for when tests are made by conduction. However, in our case, all the tests were performed in radiation.

Q 2.*Please confirm that the output power tests were performed with the device operating in its worst-case configuration. Also, please confirm that there are no end user configuration options that would allow operation at output powers above what has been authorized.*

A 2 We confirm that the tests were carried out in the worst case, with the highest RF power. This power is fixed in the product firmware and cannot be changed via the user interface.

Q 3. *Please provided detailed description of operation of the device with multiple sensors simultaneously. Please include a description and verification that when at maximum capacity, the device continues to meet the periodic transmission requirements of rule part 15.231(e).*

A 3: Please find this information in attached Operation Description with 1, 6 and 12 sensors. You can see that periodic transmission requirements of rule part 15.231(e) are always met whatever the number of number of sensors.

If you have any queries, please do not hesitate to contact us.

Best Regards,

Olivier HEYER
EMITECH for SENSEOR