

## Modular Approval Letter

2016-11-07

### FEDERAL COMMUNICATIONS COMMISSIONS

Authorization and Evaluation Division

7435 Oakland Mills Road

Columbia, MD 21046

Subject: Modular Approval Letter

The Device, FCC ID: [2AJ87-SENSEX1](#), is seeking FCC authorization as a modular transmitter. The EUT meets the requirement for modular approval as detailed in FCC Public Notice DA 00-1407. Compliance to each of the requirements is described below:

1. The modular transmitter must have its own RF shielding.

Yes, this requirement is fulfilled. The modular transmitter is shielded with its own shield, which can be seen on the external photos.

2. The modular transmitter must have buffered modulation/data inputs

Yes, this requirement is fulfilled. The module has buffered data inputs. It is transmitted at using GFSK modulation at 1 Mbps or 2 Mbps.

3. The modular transmitter must have its own power supply regulator

Yes, this requirement is fulfilled. The module has its own regulated power supply allowing 1.7V to 3.6V DC input which it then regulates.

4. The modular transmitter must comply with the antenna requirement of section 15.203 and 15.204(c)

Yes, this requirement is fulfilled. The module complies with the antenna requirements (chip antenna).

5. The modular transmitter must be tested in a stand-alone configuration

Yes, this requirement is fulfilled. The module was tested in a stand-alone configuration; see setup photos.

6. The modular transmitter must be labeled with its own FCC ID number

Yes, this requirement is fulfilled. The label is placed on the module for visibility. Please see the label image.

7. The modular transmitter must comply with any specific rule or operating requirements and the manufacturer must provide adequate instruction along with the module to explain any such requirements

Yes, this requirement is fulfilled. The manual document contains these instructions.

8. The modular transmitter must comply with any applicable RF exposure requirements

Yes, this requirement is fulfilled. The module has an exemption since it has low field strength.

Sincerely Yours,



Connor Dahlberg / CEO & Co-Founder

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