

Carbon

06/17/2017

Dear Application Examiner,

Carbon3D, Inc, model:NFC Module, FCC ID: 2AITLNFC, would like to have your authorization as a modular approval specific to Carbon3D, Inc additive manufacturing machines.

The requirements of Public Notice DA00-1407 have been met and shown on the following statements.

1. **"The modular transmitter must have its own RF shielding.": RF shield PN is included in module**

2. **"The modular transmitter must have buffered modulation/data inputs.": Data input buffered with PCA9600**

3. **"The modular transmitter must have its own power supply regulation.": Linear regulator regulates 5V input down to 3.3V**

4. **"The modular transmitter must comply with the antenna requirements of section 15.203 and 15.204(C).": Antenna is a passive antenna**

5. **"The modular transmitter must be tested in a stand-alone configuration": Tested at METlabs. See test report**

6. **"The modular transmitter must be labeled with its own FCC ID number.": Labeled with FCC ID: 2AITLNFC. See drawing/picture of label**

7. **"The modular transmitter must comply with any specific rule or operating requirements applicable to the transmitter and the manufacturer must**

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provide adequate instructions along with the module to explain any such requirements.”: See test report. Module will not be sold stand alone. See machine user manual that module gets installed I for instructions

8. “The modular transmitter must comply with any applicable RF exposure requirements.”: Tested at METlabs. See test report

Please contact me if you have any further questions.

Regards,



Brenda Cucci, Electrical Engineer