

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

Carbon3D, Inc.
312 Chestnut Street
Redwood City, CA 94063
Tel 650.285.6307
Carbon3D.com

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