



Modular Approval Letter

November 2, 2020

FEDERAL COMMUNICATIONS COMMISSIONS

Authorization and Evaluation Division

7435 Oakland Mills Road

Columbia, MD 21046

Subject: Modular Approval Letter

The Device, FCC ID: 2AXUT-UNI42, 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.
The radio elements of the module is covered by a shield. Please refer to User Guide for a photo of the device showing the RF shield.
2. The modular transmitter must have buffered modulation/data inputs.
This module accepts a number of serial data inputs from the host system for proper operations of the Radar chip, and all inputs are buffered.
3. The modular transmitter must have its own power supply regulator.
The module has multiple voltage regulators on board: 5V, 3.3V, 1.8V, 1.24V, and 1V. Please refer to the schematics in the submission package.
4. The modular transmitter must comply with the antenna requirement of section 15.203 and 15.204(c).
The onboard antenna is permanently etched onto the PCB and connected to the transmitter via RF trace. Tampering with the antenna is prohibited.
5. The modular transmitter must be tested in a stand-alone configuration.
The device is tested with supporting equipment such as computer. The emission from the device is recorder after emission from supporting equipment has been removed. Please refer to the test reports.
6. The modular transmitter must be labeled with its own FCC ID number.
The module is labeled with FCC ID number and the label is affixed to the RF shield. Please refer to exhibition Label for FCC ID for the drawing in the User's Guide.
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.
The device is compliant with all applicable FCC rules. Detailed instructions for maintaining compliance are given in the User's Guide.
8. The modular transmitter must comply with any applicable RF exposure requirements.

QA-FR-175-A

The device is compliant with all applicable RF exposure requirements. RF Exposure is addressed in the RF Exposure exhibition section of the User's Guide.

Sincerely Yours,

A handwritten signature in black ink, appearing to read "David Xu", with a stylized flourish at the end.

David Xu
Principal RF Engineer
Augmented Radar Imaging, Inc.
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