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Module Approval Letter

Date:2024-06-27

FEDERAL COMMUNICATIONS COMMISSIONS
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, MD 21046

We, Shenzhen Michuang Technology Ltd., hereby request Modular Approval for Product: Smart Module, model:MWBT01. The EUT meets all of the requirement for module approval as detailed in FCC 15.212. the requirements is described below:

1. The module has RF shielding, please refer to the EUT photo.
2. The module transmitter has buffered modulation/data inputs, Buffered data inputs stage has been integrated in chip (Model: AC23BP1U295-51CB).
3. The module transmitter has its own power supply regulation. Please refer to the schematic.
4. Comply with the antenna requirements of Section 15.203 and 15.204(c), the module has a PCB antenna, the maximum gain is -0.58 dBi for BLE 1M.
5. The EUT was tested in a stand-alone configuration, please refer to setup photos exhibit for details.
6. The module labeled with its own FCC ID.
7. Comply with any specific rules or operating requirements that ordinarily apply to a complete transmitter and the manufacturer must provide adequate instructions along with the module to explain any such requirements. The necessary explanation to be complied with this requirement is contained in the user manual, please refers to the User Manual.
8. Comply with FCC15.247 and §2.1093 RF exposure requirements in its final configuration.

Sincerely,

Signature:



Printed name: Liu shaolin

Title: Engineer