

Date: June 27, 2024

Modular Approval Request Letter

TAKAYA Corporation

MK4C106-A3540

Model No: TR3XM-C106-A3540

Dear Sir/Madame:

We would like to declare that our transmitter module complies with modular approval requirement in accordance with FCC 15.212 as below;

No.	Requirement (47CFR15.212 / KDB996369)	Comply YES - Explanation
1	The module has its own RF shielding.	The device is equipped with metal case to cover RF section. Refer to external photos.
2	All modulation and data input(s) are buffered.	The device has buffered data inputs. It is indicated parts number "IC1" on the Schematics of the internal board of TR3XM-C106-A3540.
3	The module has its own power supply regulation and local reference oscillator.	Inside this device is a DC / DC converter and a low dropout regulator to convert 5V DC to 3.3V DC. Refer to block diagram.
4	The module complies with the antenna requirements of section 15.203 and 15.204(c).	This board has a pattern antenna on it that cannot be removed by the user. Refer to external photos.
5	The module must be tested in a stand-alone configuration, i.e., the module must not be inside another device during testing.	The device was tested outside of PC for full modular approval. Refer to test setup photos.
6	The module must be labeled with its own FCC ID number, and if the FCC ID is not visible when the module is installed inside another device, then the outside of the device into which the module is installed must also display a label referring to the enclosed module.	The proposed FCC ID label format is to be placed on the module. If FCC ID label is not visible when module is installed into the system, "Contains FCC ID: MK4C106-A3540" shall be placed on the outside of final product.
7	The module must comply with all specific rules applicable to the transmitter, including all the conditions provided in the integration instructions by the grantee	The detail instructions for maintaining compliance are given in the users' manual.
8	The module must comply with any applicable RF exposure requirements.	The device complies with the RF exposure compliance requirement. Refer to the test report.

THIS PRODUCT SHOULD NOT BE USED AS A FINAL PRODUCT.

Sincerely Yours,

Noritsugu Saeki

Noritsugu Saeki, Deputy Business Manager

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