

Date: February 15, 2022

Modular Approval Request Letter

TAKAYA Corporation

MK4SD01-24-CS141

Model No: TR3X-SD01-24-CS141

Dear Sir/Madame:

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

No.	Requirement	Description of compliance manners
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 "IC2" on the Schematics of the internal board of TR3X-SD01-24-CS141.
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 24V DC to 5V DC. Refer to block diagram.
4	The module complies with the antenna requirements of section 15.203 and 15.204 (c) .	The device is installed in the end product by the professionals. Neither antenna nor antenna cable is to be exchanged with the model that is not designated.
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 install into the system, "Contains FCC ID: MK4SD01-24-CS141" shall be placed on the outside of final product.
7	The module is manufactured so that the user cannot influence the operation of the transmitter that will operate outside of the scope of the regulations.	This device is manufactured so that the user does not affect the behavior of transmitters that operate outside the limits of regulation.
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, ,

Hiroyuki Kimura

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