

Edan Instruments, Inc
#15 Jinhui Road, Jinsha Community, Kengzi Sub-District, Pingshan
District, 518122 Shenzhen P.R.China

Modular Approval Letter

Date: Dec 27, 2023

To:
Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, MD

Subjects: Modular Approval Letter

The Device, [FCC ID: SMQALXC28](#), 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 requirement is described below:

(a) The radio elements must have the radio frequency circuitry be shielded. Physical/discrete and tuning capacitors may be located external to the shield, but must be on the module assembly.

[Yes, RF unit is shielded.](#)

(b) The module shall have buffered modulation/data input(s) (if such inputs are provided) to ensure that the module will comply with the requirements set out in the applicable RSS standard under conditions of excessive data rates or over-modulation.

[Yes. The EUT has its buffered modulation. Please see the Schematic Diagram.](#)

(c) The module shall have its own power supply regulation on the module. This is to ensure that the module will comply with the requirements set out in the applicable standard regardless of the design of the power supplying circuitry in the host device which houses the module.

[Yes, The modular with power management chip SPX1117M3-L-3-3/TR.](#)

(d) The module shall comply with the provisions for external power amplifiers and antennas detailed in this standard. The equipment certification submission shall contain a detailed description of the configuration of all antennas that will be used with the module.

[Yes, Allowed antennas given in certification application information and manual](#)

(e) The module shall be tested for compliance with the applicable standard in a stand-alone configuration, i.e. the module must not be inside another device during testing.

[Yes, The EUT was tested with a test in a stand-alone configuration.](#)

(f) The module shall comply with the Category I equipment labeling requirements and CFR § 15.212(a)(1)(vi).

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Yes, Please see exhibition label sample for the FCC ID of this module. And also in the exhibition Users manual, there are instructions give to the OEM on how to label the end product.

(g) The module shall comply with any applicable FCC RF exposure requirement which are based on the intended use/configurations.

Yes, the module is intended to use in fix/mobile environment. FCC RF exposure requirement satisfied with 47CFR §2.1091.

(h) The modular transmitter complies with all applicable FCC rules. Instructions for maintaining compliance are given in the user instructions.

Yes, The EUT is compliant with all applicable FCC rules. Details instructions for maintaining compliance are give in the User Manual.

If you have any questions, please feel free to contact us at the address shown below

Sincerely,

Xia Huanhuan

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