

Shenzhen Hi-Link Electronic co., Ltd.
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Modular Approval Letter

Date: 2023-06-05

FEDERAL COMMUNICATIONS COMMISSIONS

Authorization and Evaluation Division

7435 Oakland Mills Road

Columbia, MD 21046

Dear Application Examiner,

We, Shenzhen Hi-Link Electronic co., Ltd. is submitting this application for certification of product named as Product Name: Radar Module; Model: HLK-LD2410B-P, HLK-LD2410B; FCC ID: 2AD56HLK-LD2410B-P. It is seeking modular approval. The radio meets the requirements for modular approval as detailed in FCC 15.247 and FCC 15.249. Compliance to each of the requirements is described below:

1. **“The modular transmitter must have its own RF shielding.”**
Yes, it is fulfilled. The radio portion of the module has its own RF shielding. The shielding is installed at the factory. Please see the EUT photos.
2. **“The modular transmitter must have buffered modulation/data inputs.”**
The modular transmitter has buffered modulation/data inputs, Buffered data inputs stage has been integrated in chip (Model: S3KM111L and AC6323A).
3. **“The modular transmitter must have its own power supply regulation.”**
Yes, it is fulfilled. The EUT has its own power supply regulation to insure compliance, please refer to the Block Diagram
4. **“The modular transmitter must comply with the antenna requirements of Section 15.247 and 15.249”**
Yes. The EUT has a PCB antenna for Radar(TX) and a Bluetooth antenna. The maximum gain of the radar antenna is 5.1 dBi and the maximum gain of the Bluetooth antenna is 2.72dBi
5. **“The modular transmitter must be tested in a stand-alone configuration.”**
Yes, it is fulfilled. The EUT was tested in a stand-alone configuration, please refer to

test photos exhibit for details.

6. **“The modular transmitter must be labeled with its own FCC ID number.”**
Yes, it is fulfilled. The module will be labeled with its own FCC ID number.
Please see FCC ID label & location exhibit.
7. **“The modular transmitter must comply with any specific rule or operating requirements applicable to the transmitter and the manufacturer must provide adequate instructions along with the module to explain any such requirements.”**
Yes, it is fulfilled. The necessary explanation to be complied with this requirement is contained in the user manual, and please refer to the User manual.
8. **“The modular transmitter must comply with any applicable RF exposure requirements.”**
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment .If the device built into a host as a portable usage, the additional RF exposure evaluation may be required as specified by §2.1093.

Please contact me if you have additional questions. Your attention to this matter is greatly appreciated.

Sincerely Yours,

Signature:

A handwritten signature in black ink, appearing to read "Jacky Gong", written in a cursive style.

Name: Jacky Gong
Title: Manager