

Applicant: Zhejiang Dusun Electron Co., Ltd.  
Add: No. 640 FengQing Street, Deqing,Huzhou,China  
TEL:+86-572-8823356  
FAX: +86-572-8823356  
E-mail:ie04@hzdusun.com

## **Modular Approval Letter**

Date:2022-05-16


### **FEDERAL COMMUNICATIONS COMMISSIONS**

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

We, Zhejiang Dusun Electron Co., Ltd., hereby request Modular Approval for Product: Zwave Module(Model number: DSM-102,DSM-102-IPEX), FCC ID: 2AWWF-DSM-102).The EUT meets all of the requirement for modular approval as detailed in FCC 15.212. the requirements is described below:

1. The modular has RF shielding, please refer to the EUT photo.
2. The modular transmitter has buffered modulation/data inputs, Buffered data inputs stage has been integrated in chip (Model: ZGM130S037HGN1).
3. The modular uses the chip ZGM130S037HGN1with built-in power management components, the module rated power is 3.3V power, Refer to block diagram.
4. Comply with the antenna requirements of Section 15.203 and 15.204(c), the antenna must use a unique type of connector to attach to the EUT, the maximum gain is 2dBi.
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, band please refers to the User Manual.
8. Comply with FCC §1.1307(b)(3)(i)(A) ,this equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

Sincerely,



Signature:

Printer Name: Xingfeng Zhang

Title: Quality Supervisor