

Applicant's company name : Well Shin Technology Co.,Ltd.  
Address : No. 196, Xin Hu 3rd Road, Nei Hu District Taipei City 114 Taiwan  
FCC ID : QT4-WSSHWIFI04E

### REQUEST FOR MODULE APPROVAL

The RF-PCBA Module Model: WS-SHWIFI-04E is seeking FCC authorization as a modular transmitter. The requirement of FCC 15.212 is met. The following requirements are fulfilled:

- (i) The radio elements of the modular transmitter must have their own shielding.  
The shielding of the radio portion can be demonstrated in exhibition External photo.
- (ii) The modular transmitter must have buffered modulation/data inputs  
Buffered data input stage has been integrated in chip (**MCU M0518LC2AE**)
- (iii) The modular transmitter must have its own power supply regulation.  
The part number of the power regulator is chip (**LDO LR1107G-33**)
- (iv) The modular transmitter must comply with the antenna and transmission system requirements of Sections 15.203, 15.204(b) and 15.204(c).  
The antenna is Spring antenna or wire antenna antenna layout on the module and spurious emission have been fulfilled, please refer to the Test Report.
- (iv) The modular transmitter must be tested in a stand-alone configuration.  
The EUT was tested in a stand-alone configuration. The controller board that is connected to is for collection of data only.
- (v) The modular transmitter must be equipped with either a permanently affixed label or must be capable of electronically displaying its FCC identification number.  
The EUT will be labeled with its own FCC ID number. The instruction on the labeling rule of the product has been stated in the User Manual of this module. Please refer to the Label and User Manual exhibition.
- (vi) The modular transmitter must 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 EUT is compliant with all applicable FCC rules. Detail instructions are given in the user Guide.
- (viii) The modular transmitter must comply with any applicable RF exposure requirements in its final configuration.  
Instructions are given in the installation manual for compliance to the RF exposure requirements.

Sincerely,

Signature :



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