

Date: 2013/5/22

Federal Communications Commission
7435 Oakland Mills Road
Columbia MD 21046

Modular Approval Request Letter

AUDIX Technology Corporation.

Apr. 23, 2013

Dear Application Examiner,

***The 2x2 2.4G WiFi Module, modem name is SMC-RT539222SB24
, FCC ID: JI5- RT539222SB24***

, would like to have your authorization as a modular approval specific to the mobile device such as digital device emissions,

The requirements of Public Notice KDB 996369 and FCC 15.212 have been met and shown on the following statements.

1. “The modular transmitter must have its own RF shielding.”:

Yes, the radio portion of this module has been shielded, please see exhibition External Photo.

2. “The modular transmitter must have buffered modulation/data inputs.”

Yes, the buffer is invisible for embedding in chip.

3. “The modular transmitter must have its own power supply regulation.”

Yes, the EUT has its' own power regulator, please refer to P. 4 of schematic. 1.5V is regulated by the regulator and 1.2V and 3.3V are regulated by the LDO which is embedded in the WiFi chip RT5392

4. “The modular transmitter must comply with the antenna requirements of section 15.203 and 15.204(C).”

Yes, the EUT meets the FCC antenna requirements. The spurious emission, the antenna is PCB antenna and intergrated.

5. "The modular transmitter must be tested in a stand-alone configuration"

Yes, the EUT was tested in a stand-alone configuration via an USB cable. Please see section Photographs of Test Configuration in the test report.

6. "The modular transmitter must be labeled with its own FCC ID number."

Yes, this module has been labeled with its' own FCC ID number. 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.

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, the EUT is compliant with all applicable FCC rules. Detail instructions for maintaining compliance are given in the Users Manual.

8. "The modular transmitter must comply with any applicable RF exposure requirements."

Yes, the EUT is compliant with all applicable RF exposure requirements. RF Exposure is addressed in the RF exposure exhibition.

Sincerely Yours,



Mr. Ben Cheng
Manager
AUDIX Technology Corporation