

TIMCO ENGINEERING INC.

849 NW State Road 45
Newberry, Florida 32669
<http://www.timcoengr.com>
888.472.2424 F 352.472.2030 email: tei@timcoengr.com

TCB & FCB

FCC Approvals
Industry Canada Approvals
Notified Body for Europe

SUBJECT: Response about request from TIMCO

Applicant: SK Telecom Co., Ltd.
Product: Smart [Beam] Wireless
Model: SB300W
JOB #: 2270AKC14 & 2270BKC14

Dear Sir

We will answer the questions regarding timco's review.

JOB #: 2270BKC14

1. 731 FORM:

- a. **Item 8:** Please choose NO.
- b. **Item 14:** The FCC requires that we only list the widest frequency range and/or the highest power level. Please remove the following lines.
1.2422.0-2452.0 MHz, 0.018 W
2.5755.0-5795.0 MHz, 0.345 W

Answer: Please refer the revised 731 form

2. **TEST REPORT:** As per Rule Part 15.207(c) Devices that include, or make provisions for, the use of battery chargers which permit operating while charging, AC adapters or battery eliminators or that connect to the AC power lines indirectly, obtaining their power through another device which is connected to the AC power lines, shall be tested to demonstrate compliance with the conducted limits.

Please provide AC Lines conducted test data in the DTS Test Report and the NII Test Report.

Answer: Please refer 43 page in revised report

JOB #: 2270AKC14

1. **731 FORM: Item 8:** Please choose NO.

Answer: Please refer the revised 731 form

2. **BLOCK DIAGRAM:** Please provide a Block Diagram for the Wi-Fi Module. Please include the frequencies of the clocks and oscillators, and include the antenna.

Answer: Please refer the revised Block diagram

3. **OPERATIONAL DESCRIPTION:** Applications for U-NII devices in the 5.15-5.35 GHz and the 5.47-5.85 GHz bands must include a high level operational description of the control software and security procedures, respectively. **Please provide a high level operational description that is complete and thoroughly explains the control software and the security procedures.**

Answer: Please refer the revised operational description

4. **INTERNAL PHOTOS: Page 5:** Please remove the shield from the Wi-Fi module and show a close up view of this area.

Answer: Please refer the revised internal photos. See the page 6

5. **SCHEMATICS: Page 10:** This shows the connection point for the Wi-Fi module. Please provide the schematics for the Wi-Fi module.

Answer: Please refer the revised Circuit Description. See the page 11.

6. **TEST REPORT: Page 1:** Please update the following:

KDB 789033 D01 General UNII Test Procedures **Old Rules v01r04**

Answer: Please refer the revised report and you can also find AC conducted emission data on revised report

7. **USER MANUAL:** Please add the following statements to the User Manual.

This equipment should be installed and operated with a minimum distance of 20cm between the radiator and any part of your body.

Operations in 5.15-5.25GHz band are for indoor use only.

Answer: Please refer the revised user manual. See page 2

Best regards

Mi Young Lee / Test Engineer

KOSTEC Co., Ltd.

e-mail: lmyland@kostec.org