

15 October 2015

Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, Maryland 21046

Subject: Original Application FCC ID: OQ7SR71A

Dear Application Examiner:

ProSoft Technology, Inc. is submitting this application for certification of their SR71A radio module under FCC ID: OQ7SR71A. It will be used in ProSoft WLAN access points Models RLX2-IHNF, RLX2-IHNF-W, RLX2-IHNF-WC. The SR71A module is an 802.11 a/b/g/n radio. Limited modular approval is sought under FCC 15.247 and FCC 15.407. This device has shown compliance with the new rules adopted under Docket No. 13-49.

Models RLX-IHNF-W and RLX2-IHNF-WC are identical except for the DC power entry. The RLX2-IHNF is a different host device and was tested separately.

The access points can only be used 20 cm or greater from the user's head or torso so MPE estimates were made to demonstrate compliance to FCC 2.1091 requirements.

The radio cannot operate in the DFS frequency bands. It operates as a master device only.

The device is professionally installed so it meets the requirements of FCC 15.203. The digital portion has been FCC Class A verified.

The following is a summary of the reports submitted with this application:

Type / Purpose of the Test Reports

- System level testing of the SR71A module installed in the RLX2-IHNF access point. Used to demonstrate compliance to FCC 15.407 in the 5.2 GHz band. NWEMC Report – PROS0219 Rev 01
- System level testing of the SR71A module installed in the RLX2-IHNF access point. Used to demonstrate compliance to FCC 15.407 in the 5.8 GHz band. NWEMC Report – PROS0221.1
- System level testing of the SR71A module installed in the RLX2-IHNF access point. Used to demonstrate compliance to FCC 15.247 in the 2.4 GHz band. NWEMC Report – PROS0222.2 Rev 01
- System level testing of the SR71A module installed in the RLX2-IHNF-W access point (also covers Model RLX2-IHNF-Wxx). Used to demonstrate compliance to 15.247 spurious radiated emissions in the 2.4 GHz band and AC Powerline Conducted emissions. NWEMC Report - PROS0226
- System level testing of the SR71A module installed in the RLX2-IHNF-W access point (also covers Model RLX2-IHNF-WC). Used to demonstrate compliance with 15.407 spurious radiated emissions in the 5.2 and 5.8 GHz bands; and AC Powerline Conducted emissions. NWEMC Report - PROS0226.2

Your efforts in reviewing this application are greatly appreciated.

Best regards,



Frank Hardy
ProSoft Technology, Inc.