

25 May 2011

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

Subject: Original Application FCC ID: OQ7-IHN

Dear Application Examiner:

ProSoft Technology, Inc. is submitting this application for certification of their WMIA-199NI radio module under FCC ID: OQ7-IHN. It will be used in ProSoft WLAN access points Models RLXIB-IHN, RLXIB-IHN-W, RLXIB-IHN-WC, RLXIB-IH2N, RLXIB-IH2N-W, and RLXIB-ICN. The WMIA-199NI module is an 802.11 a/b/g/n radio. Limited modular approval is sought under FCC 15.247 and FCC 15.407.

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 can operate in the DFS frequency bands as a master device only. It has radar detection capability. A DFS test for a master device was performed.

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	Reports
EMC	Stand alone module testing of the WMIA-199NI. Used to demonstrate compliance to FCC 15.247 in the 2400 – 2483.5 MHz and 5725 – 5850 MHz bands	ADT Report- RF970312L01
EMC	Stand alone module testing of the WMIA-199NI. Used to demonstrate compliance to FCC 15.407 in the 5150 – 5250 MHz band	ADT Report- RF970312L01-1
EMC	System level testing of the WMIA-199NI module installed in the RLXIB-IHN access point. Used to demonstrate compliance to FCC 15.407 in the 5250 – 5350 MHz and 5470 – 5725 MHz bands.	NWEMC Report – PROS0095
DFS	System testing for DFS of the WMIA-199NI module in the RLXIB-IHN access point. This is representative of all models since the radio and antenna are electrically and mechanically identical.	NWEMC Report – PROS0092

Your efforts in reviewing this application are greatly appreciated.

Best regards,

A handwritten signature in cursive script that reads "Frank Hardy".

Frank Hardy

ProSoft Technology, Inc.