



Response to 16 Dec 2012 Audit on FCC ID: L6ARED70UW

Please find responses to your queries below, however should you require any additional information or clarification at all, please do not hesitate to request.

- 1) Does this device meet the requirements for operation in the 5400 – 5725 MHz band specified in KDB 443999?

RED71UW does not have master functionality in the 5470 – 5725 MHz band. RED71UW is client only in the requested frequency band.

RED71UW meets the client only requirements for operation in the band 5470-5725 GHz.

- 2) Is this an indoor device, outdoor device, or multi-use device? A multi-use device can operate in both indoor and outdoor configurations; such device will have to meet all the requirements for outdoor device.

RED71UW is a client only device which follows the master device and it will not transmit unless told by a master device in the 5 GHz band.

RED71UW is neither because it does not have master functionality in 5 GHz band.

- 3) Verify that the 5600 – 5650 MHz band is notched. The test report should include 20 dB BW plots for the 5600 and 5650 MHz band edges and an attestation statement that the device does not transmit in the notched band.

Since RED71UW is client only at 5 GHz it only responds on frequencies requested by the master.

- 4) Verify that this application contains a complete User's Manual and/or Professional Installers Manual. If the manual is not complete, upload an updated User's Manual exhibit.

See above. RED71UW has only client mode and does not have master functionality in the 5 GHz band, therefore it cannot be installed in any way as a master device.

RED71UW as a client device does not support Ad-hoc mode of operations or active scanning.

- 5) Verify that this device meets the uniform channel spreading requirements on the remaining (non-notched) channels once the device is in operation.

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- 6) Explain how this device meets the Software Configuration Control requirements of KDB 594280 including country code selection. If there is any user permitted configuration control, please explain what controls are provided to the user and if any will take the device out of compliance; also explain what prevents the end user from downloading and operating non-US software. Additional questions for outdoor and multi-use devices:

RED71UW is only client in the 5 GHz band.

In the 2.4 GHz, the device is able to operate as router function recently certified and the user is only



able to change between 802.11b or 802.11g operation. The user does not have ability to change country code and does not have any other access to radio parameters like frequency range, modulation type or maximum output power.

- 7) Submit a Letter Exhibit identify the specific expertise and the training required by the professional installers for installing these types of devices.

The device is not for installation as a fixed master device.

- 8) Explain how this device can meet the 30 MHz frequency separation from TDWR (i.e.: Manually blocking frequencies by the professional installer, device notches 5470 -5680 MHz, etc.)

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- 9) Does the manual for the installers and operators contain the information on how to register the device with the voluntary industry data base if operating within 35 km of any TDWR site location?

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