

TECHNICAL INFORMATION

FCC ID: Q3KRW2054

APPLICANT: RADWIN LTD.

CORRESPONDENCE REFERENCE NUMBER: 39808

FORM 731 CONFIRMATION NUMBER: EA621082

- Question** - Does this device meet the requirements for operation in the 5470 – 5725 MHz band specified in KDB 443999?

Answer – Yes.
- Question** - 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.

Answer – It is an outdoor device.
- Question** - 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.

Answer – The 5600 – 5650 MHz band is blocked for any access or configuration possibility. The plots indicating the notch band edges can be seen in ‘Test report No.19241’ plots 7.4.3, 7.4.4, 7.4.5, 7.4.6, 7.4.33, 7.4.34, 7.4.35, 7.4.36.

 - Attestation statement provided
- Question** - 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.

Answer – Updated User’s Manual is uploaded
- Question** - Verify that this device meets the uniform channel spreading requirements on the remaining (non-notched) channels once the device is in operation.

Answer – Verified and approved
- Question** - Explain how this device meets the Software Configuration Control requirements of KDB 594280 including country code selection – see draft KDB at (<https://fjallfoss.fcc.gov/eas/comments/GetPublishedDocument.html?id=205&tn=511416>). 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.

Answer –The user has no option to change the frequency outside the 5470 – 5725 MHz band. The device is locked for the user against frequency changes that can take it out of compliance. This is accomplished by the user interface application that prevents from user to access frequencies that are outside the authorized 5470 – 5725 MHz band.

Additional questions for outdoor and multi-use devices :

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

Answer –Document provided

8. **Question** - Explain how this device can meet the 30 MHz frequency separation from TDWR (i.e.: Manually blocking frequencies by the professional installer, device notches 5570 -5680 MHz, etc).

Answer – The professional installer will register the UNII device location in the voluntary WISPA sponsored database as described in the User’s Manual.

If the location of either the Master or Client device is within the 35 km radius of a TDWR site location then the installer will disable the frequencies which overlap 5570 – 5680 MHz frequency range from the available frequencies list.

Note that for under the 5.4 GHz band, the frequency range between 5.600 to 5.650 GHz is not included in the available channels list of the product.

9. **Question** - 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?

Answer – Yes