



December 2, 2010

Subject: WBV-HIVEAP320DFS Response to Correspondance Reference Number: 39224

Dear Sir:

Responses to your enquiry are below. User's Manual for the device is submitted as separate document in e-filing.

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

Answer: Yes it does.

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.

Answer: It is an indoor device.

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.

Answer: The 5600-5650 is excluded from use. See User's Manual that has the attestation of exclusion for the band. User's Manual is submitted as separate document in e-filing.

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.

Answer: User's Manual for the product is submitted in e-filing as separate document

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

Answer: Operation of the device complies and is detailed in the User's Manual. Repeated here for convenience:

"This equipment complies with the FCC DFS (Dynamic Frequency Selection) rules documented in FCC 06-96 and KDB 443999. The 5 GHz radio uses channels 36 to 48 (5.180 to 5.240 GHz) and channels 149 to 165 (5.725 to 5.825 GHz), as well as channels within the DFS operating frequency ranges: 52 to 64 (5.25 to 5.35 GHz), 100 to 116 (5.47 to 5.59 GHz), and 132 to 140 (5.66 to 5.725 GHz). The frequency range 5.6 - 5.65 GHz is excluded from use. The maximum transmit power for channels from 36 to 48 is 15 dBm in the FCC region. Because this maximum is enforced by HiveOS, the HiveAP automatically limits the



power to 15 dBm even if the setting is greater than that.”

6) 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: Operation of the device complies and is detailed in the User’s Manual. Repeated here for convenience:

“The FCC region code is set in the device during the manufacturing process, the option to set it to any region other than FCC is disabled, and the country code selection function has been completely removed from all U.S. models. It is impossible for the end user to change the region to anything other than FCC.”

Additional questions for outdoor and multi-use devices:

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

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.)

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?

Answer: This device is not an outdoor nor multi-use device and questions 7, 8, 9 do not apply.

Best Regards,

A handwritten signature in black ink that reads "Serdar Ergene".

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