



Date: August 02, 2013  
Federal Communications Commission  
7435 Oakland Mills Road, Columbia, MD 21046

Correspondence Reference Number: 44135  
Form 731 Confirmation Number: EA866561  
FCC ID: WBV-HIVEAP350

1) KDB Publication 178919 (Section 4) regarding Permissive Changes gives the requirements for software upgrades to devices previously marketed. Only the original equipment manufacturer may implement the new frequencies. Please explain how you meet these requirements and what security measures are used.

Software changes. For devices not approved as Software Defined Radios (SDR), limited changes are permitted with software changes as Class I or Class II as discussed below. When changes are incorporated by software, the technical description must clearly explain what controls are implemented to prevent third parties or unauthorized parties from making modifications to the transmitter to enable operation outside the conditions of the grant of authorization.

Answer: Aerohive will provide a new release of SW to our customers that enables operation of the device under conditions of the grant. The new frequency list and pertinent parameters to make the radios operate within the conditions of the grant are controlled by Aerohive SW and is not available for customers to change. Devices can not be operated without Aerohive SW and therefore radio operation to meet conditions of the grant will always be maintained.

2) The device is capable to be set up in a mesh configuration or as repeater in a wireless network. Please confirm if these are true. If these are true, submit a details description of the functionality and how the device shows compliant to DFS timing when radar signals are detected

Answer: Aerohive WBV-HIVEAP350 device supports Mesh and it is compliant with FCC DFS specification. The following channel selection process shows our compliance with FCC rules.

Aerohive AP device SW will scan 5GHz channels and go through a negotiation phase to select a 5GHz channel to establish mesh with neighboring AP(s). The list of available channels is shared between the AP's after the mesh is established. If the WiFi driver detects a radar signal on the 5GHz channel used for the mesh connection, it will select a Radar-free channel from the list and switch to the new channel. The other AP's will do the same and the Mesh will be reestablished between the neighbors on the new Radar-free channel. Radar detection and channel switch timing conforms to the conditions of the grant.

If you have any questions regarding the authorization, please don't hesitate to contact me.

Sincerely,

A handwritten signature in black ink that reads "Serdar Ergene". The signature is written in a cursive, slightly slanted style.

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