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

Attn: Office of Engineering and Technology. FCC ID:
WBV-AP650, WBV-AP650X
Models: AP650 and AP650X
Applicant: Aerohive Networks,Inc
Date: Oct. 22, 2018

To Whom It May Concern:

We, Aerohive Networks,Inc submit this formal request to the FCC Authorization and Evaluation Division for an Expedited Review for the DFS radar testing required by KDB 388624 D01 Permit but Ask Procedure on FCC ID: WBV-AP650, WBV-AP650X

Reasoning for Expedited Review:

The AP650/AP650X (FCC ID: WBV-AP650, WBV-AP650X) and the AP630 (FCC ID: WBV-AP630) utilize the same RF Chipset (Model: BCM43694, Brand: Broadcom) but have different Antenna type and gains. FCC ID: WBV-AP630 DFS Verification testing was performed at the FCC on Oct. 08, 2018. The DFS detection functionality has not been changed between these devices

Please refer to page 2 for the "Expedited Review Information" table.

Sincerely,

Timothy Wakeley

Timothy Wakeley / Compliance Manager
Aerohive Networks, Inc.

Expedited Review Required Information

	FCC ID of Previously Granted DFS Devices WBV-AP630	FCC ID of New Application WBV-AP650	FCC ID of New Application WBV-AP650X
Technology (802.11x, frame based, MIMO, smart antenna, etc.)	802.11ac/802.11ax / MIMO	802.11ac/802.11ax / MIMO	802.11ac/802.11ax / MIMO
Bandwidth information and differences	20, 40 ,80and 160MHz	20, 40 ,80and 160MHz	20, 40 ,80and 160MHz
DFS Antenna Information	Internal Metal antenna: 4.74dBi & 5.17dBi & 5.19dBi & 4.92dBi	Internal Metal antenna: 6dBi	External Metal Antenna: 5.5dBi
Differences in DFS functioning, circuitry, software, etc.	Uses Broadcom Chipset BCM43694 and DFS waveform detection mechanism	Uses Broadcom Chipset BCM43694 and DFS waveform detection mechanism	Uses Broadcom Chipset BCM43694 and DFS waveform detection mechanism
Differences between the products such as Tx Power, modulation, receivers, processing circuitry	Supports 2Tx/2Rx, 3Tx/3Rx, 4Tx/4Rx, Max power is 22dBm	Supports 2Tx/2Rx, 3Tx/3Rx, 4Tx/4Rx, Max power is 21dBm	Supports 2Tx/2Rx, 3Tx/3Rx, 4Tx/4Rx, Max power is 22dBm
Name of Test Labs for Various Grants	DEKRA Testing and Certification	DEKRA Testing and Certification	DEKRA Testing and Certification