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

Attn: Office of Engineering and Technology.
FCC ID: Q9DAPEX0365367
Models: APEX0365 and APEX0367
Applicant: Aruba Networks
Date: April 27, 2017

To Whom It May Concern:

We, Aruba Networks 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: Q9DAPEX0365367

Reasoning for Expedited Review:

The APEX0365/APEX0367 (FCC ID: Q9DAPEX0365367) and the APINH303 (FCC ID: Q9DAPINH303) utilize the same Qualcomm-Atheros RF Chipset Model: IPQ4029 but have different PCB form factors, housing and Internal Antenna gains. The APINH303 utilizes 2 x Dual-Band Internal Antenna's with gains of 3.2dBi (2.4GHz) and 4.6dBi (5GHz). The APEX0365 utilizes 2 x Dual-Band Internal Antennas with gains of 2.7dBi in 2.4GHz and 4.3dBi (5GHz) Band, while the APEX0367 utilizes 2 x Integrated Antennas with gains of 6.3dBi (2.4GHz) and 6.5dBi (5GHz). FCC ID: Q9DAPINH303 DFS Verification testing was performed at the FCC on April 26, 2017. The DFS detection functionality has not been changed between these devices.

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

Sincerely,

Signature
Name/Position: Robert Hastings / Manager Regulatory Compliance
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Email: rob.hastings@hpe.com

Expedited Review Required Information

	FCC ID(s) of Previously Granted DFS Devices Q9DAPINH303	**FCC ID of New Application Q9DAPEX0365367**
Technology (802.11x, frame based, MIMO, smart antenna, etc.)	802.11ac / MIMO	802.11ac / MIMO
Bandwidth information and differences	20, 40 and 80MHz	20, 40 and 80MHz
Antenna Information	DFS Testing: 4.6dBi	DFS Testing APEX0365: 4.3dBi DFS Testing APEX0367: 6.5dBi
Differences in DFS functioning, circuitry, software, etc.	Uses Qualcomm-Atheros Chipset IPQ4029 and DFS waveform detection mechanism	Uses Qualcomm-Atheros Chipset IPQ4029 and DFS waveform detection mechanism
Differences between the products such as Tx Power, modulation, receivers, processing circuitry	Supports 2 Tx / 2 Rx paths 21 dBm per path	Supports 2 Tx / 2 Rx paths 22 dBm per path
Name of Test Labs for Various Grants	MiCOM Labs	DEKRA Testing and Certification