

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

**Attn: Office of Engineering and Technology.**

**FCC ID:** Q9DAPINP303

**Models:** APINP303

**Applicant:** Aruba Networks

**Date:** October 9, 2018

**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: Q9DAPINP303

**Reasoning for Expedited Review:**

The APINP303 (FCC ID: Q9DAPINP303) and the APIN0303 (FCC ID: Q9DAPIN0303) utilize the same Qualcomm RF Chipset Model: IPQ4019, PCB form factors, housing and Internal Antenna . The APIN0303 utilizes 2 x Dual-Band Internal Antenna's with gains of 2.1dBi (2.4GHz) and 5.7dBi (5GHz). The APINP303 utilizes 2 x Dual-Band Internal Antennas with gains of 2.1dBi in 2.4GHz and 5.9dBi (5GHz) Band. FCC ID: Q9DAPIN0303 DFS Verification testing was performed at the FCC on March 5, 2018. 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

Phone: 650-236-9611

Email: rob.hastings@hpe.com

**Expedited Review Required Information**

	<b>FCC ID(s) of Previously Granted DFS Devices Q9DAPIN0303</b>	<b>FCC ID of New Application Q9DAPINP303</b>
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: 5.7dBi	DFS Testing: 5.9dBi
Differences in DFS functioning, circuitry, software, etc.	Uses Qualcomm RF Chipset Model: IPQ4019 and DFS waveform detection mechanism	Uses Qualcomm RF Chipset Model: IPQ4019 and DFS waveform detection mechanism
Differences between the products such as Tx Power, modulation, receivers, processing circuitry	Supports 2 Tx / 2 Rx paths 18 dBm per path	Supports 2 Tx / 2 Rx paths 18 dBm per path
Name of Test Labs for Various Grants	MRT Technology (Taiwan) Co	MRT Technology (Taiwan) Co.