

## Cover Letter

Federal Communication Commission  
Equipment Authorization Division, Application Processing Branch  
7435 Oakland Mills Road  
Columbia, MD 21048

2018-04-02

TO WHOM IT MAY CONCERN

Request for Permissive Change Class III

FCC ID: Q9DAPIN0318

Pursuant to CFR § 2.1043, Hewlett Packard Enterprise Company hereby requests a Permissive Change Class III for its application with FCC ID: Q9DAPIN0318 granted on 2018-03-02.

Modifications:

1. Open the DFS-Band via software and we attest that there is no hardware change to this EUT.
2. Firmware Version used for APIN0318 is: ArubaOS 8.3.0.0 Build: 62763
3. This permissive change application is the first permissive change filed since the original approval issued 03/02/2018
4. Added some new antennas that were marked as grey.

Antenna No.	Polarization	Frequency Band (GHz)	Model No.	Max Peak Gain (dBi)
<b>Wi-Fi External Antenna List (2.4GHz 2*2 MIMO, 5GHz 4*4 MIMO)</b>				
1	Omni	2.4	AP-ANT-40	4.0
		5		5.0
2	Omni	2.4	AP-ANT-19	3.0
		5		6.0
3	Omni	2.4	AP-ANT-1W	3.8
		5		5.8
4	Omni	2.4	AP-ANT-13B	2.3
		5		4.0
5	Omni	2.4	AP-ANT-20W	2.0
		5		2.0
6	Omni	2.4	AP-ANT-22 (Note 1)	2.0

		5		4.0
7	Directional	2.4	AP-ANT-45	4.5
		5		5.5
8	Directional	2.4	AP-ANT-48	8.5
		5		8.5
9	Directional	2.4	ANT-2x2-2314	14.0
10	Directional	5	ANT-4x4-5314	14.0
11	Directional	5	ANT-3x3-5712	11.5
12	Directional	2.4	AP-ANT-25A	5.0
		5		5.0
13	Directional	2.4	AP-ANT-28	7.5
		5		7.5
14	Omni	2.4	AP-ANT-16	3.9
		5		4.7
<b>Bluetooth Internal Antenna</b>				
PCB		2.4		6.8

Note 1: The applicant changed the antenna 6# model from AP-ANT-32 to AP-ANT-22.  
AP-ANT-22 is identical to AP-ANT-32, the only difference is the number of antennas in the box.

- AP-ANT-22: Having 2 antennas shipped in the package
- AP-ANT-32: Having 3 antennas shipped in the package

5. For C3PC, we selected the below antenna to perform RF testing.

Polarization	Model	Antenna Gain	Remark
Omni	AP-ANT-20W	2dBi	Full testing and obtain maximum power setting
Omni	ANT-2x2-2314	14dBi	N/A
Directional	ANT-4x4-5314	14dBi	N/A

Sincerely,



**Name: Robert Hastings**

**Position: Regulatory Compliance Manager**

**Hewlett Packard Enterprise Company**