



HP Inc.

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Date: Jan. 6, 2020
Federal Communications Commission
7435 Oakland Mills Road
Columbia MD 21046

C.C.: SGS Taiwan Limited
Subject: Requesting Class II permissive change for FCC ID: B94-AX200D2LZ

To Whom It May Concern:

The purpose of this letter is to request a Class II Permissive change for FCC ID: B94-AX200D2LZ Original grant date: 04/01/2019, Applicant: HP Inc.

The major change filed under this application is :

1. The subject approved module is being used in different host (Portable category Configuration, Host Brand/Model: HP / TPN-C137).
2. SAR Testing is performed to demonstrate RF Compliance.
3. EMC has been evaluated as no degrade the characteristics that reported to the FCC at the initial certification.
4. WLAN transmitter only supports with passive scanning in UNII-2A & UNII-2C bands without radar detection, hence radar detection is exempted from evaluation of this modification.
5. The master and client modes operate in each frequency band are same as it is in the original grant conditions.
6. The security mechanism according to section II of KDB 594280 D02 is remained unchanged as it reported to the FCC at the initial certification.
7. The difference compared with the original design is adding 2 antennas to this EUT: Antenna is of same type and lower gain from original approval.

Tablet mode										
Vendor	Advanced Wireless & Antenna Inc.									
Antenna	Tx1 (PIFA)					Tx2 (PIFA)				
Part Number	AML6Y-200004(DC330024W20)					AML6Y-200004(DC330024W20)				
Frequency	2400-2500	5150-5250	5250-5350	5470-5725	5725-5850	2400-2500	5150-5250	5250-5350	5470-5725	5725-5850
Gain (dBi)	-4.63	-0.40	-0.02	-0.40	-1.68	0.03	0.38	0.38	0.96	-0.85
Notebook mode										
Vendor	Advanced Wireless & Antenna Inc.									
Antenna	Tx1 (PIFA)					Tx2 (PIFA)				
Part Number	AML6Y-200004(DC330024W20)					AML6Y-200004(DC330024W20)				
Frequency	2400~2500	5150~5250	5250~5350	5470~5725	5725~5850	2400~2500	5150~5250	5250~5350	5470~5725	5725~5850
Gain (dBi)	-2.27	-0.75	-1.67	0.13	-2.15	-3.79	-3.96	-1.69	-1.11	-0.42

Best Regards

(Signature)

Name (Printed): Jim Chang / Title: RF Manager
On behalf of Company: SGS Taiwan Ltd.
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