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 Fort Collins  
 Colorado 80528  
 United States

Date: May. 5, 2021  
 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-RTL8852AES

To Whom It May Concern:

The purpose of this letter is to request a Class II Permissive change for FCC ID: B94-RTL8852AES,  
 Original grant date: 11/09/2020  
 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-C147).
2. SAR Testing is performed to demonstrate RF Compliance.
3. Software security remains unchanged from original application.
4. 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

Original Antenna:  
 PIFA Antenna

Dipole Antenna

Frequency	2.4GHz	5GHz
Max Antenna	3.5	5

Frequency	2.4GHz	5GHz
Max Antenna	3.14	5

New Antenna:

PIFA Antenna, Supplier: Wistron NeWeb Corp.

Part number: DC33002DM00 (81EAA415.GJR)(Main/Tx1)

DC33002DM10 (81EAA415.GJS)(Aux/Tx2)

Frequency (MHz)	2400~2500	5150~5250	5250~5350	5470~5725	5725~5850
NB Mode	-1.39(Main / Tx1) -0.52 (Aux / Tx2)	-2.10(Main / Tx1) -1.25(Aux / Tx2)	-2.10 (Main / Tx1) -1.69 (Aux / Tx2)	0.25(Main / Tx1) -0.63 (Aux / Tx2)	1.33 (Main / Tx1) 1.14 (Aux / Tx2)
Tablet Mode	<b>0.01 (Main / Tx1)</b> <b>-0.03 (Aux / Tx2)</b>	1.42 (Main / Tx1) 0.16 (Aux / Tx2)	1.42 (Main / Tx1) <b>1.59 (Aux / Tx2)</b>	<b>1.81 (Main / Tx1)</b> -0.16 (Aux / Tx2)	1.81 (Main / Tx1) 0.23 (Aux / Tx2)

Best Regards



Liang Rong Chiao / Regulatory Program Manager, Worldwide Technical Regulations  
 HP Inc.