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Fort Collins
Colorado 80528
United States

Date: Dec. 30, 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-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-C48).
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

Frequency	2.4GHz	5GHz
Max Antenna	3.5	5

Dipole Antenna

Frequency	2.4GHz	5GHz
Max Antenna	3.14	5

New Antenna:

PIFA Antenna, Supplier: Wistron NeWeb Corp.

Part number: DC33002DO00 (81EAA415.GJK)(Main/Tx1)

DC33002DO10 (81EAA415.GJL)(Aux/Tx2)

Frequency (MHz)	2400~2500	5150~5250	5250~5350	5470~5725	5725~5850
NB Mode	-0.36(Main / Tx1) 0.49 (Aux / Tx2)	-0.68(Main / Tx1) -1.12 (Aux / Tx2)	-0.47 (Main / Tx1) -1.27 (Aux / Tx2)	1.16(Main / Tx1) -0.77 (Aux / Tx2)	0.44 (Main / Tx1) -0.64 (Aux / Tx2)
Tablet Mode	0.22 (Main / Tx1) 0.75 (Aux / Tx2)	1.35 (Main / Tx1) -1.23 (Aux / Tx2)	1.92 (Main / Tx1) -1.23 (Aux / Tx2)	1.94 (Main / Tx1) -0.76 (Aux / Tx2)	1.68 (Main / Tx1) -1.21 (Aux / Tx2)

Best Regards

Liang Rong Chiao

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