



3390 East Harmony Road
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-RTL8822CED

To Whom It May Concern:

The purpose of this letter is to request a Class II Permissive change for FCC ID:
B94-RTL8822CED Original grant date: 01/09/2020,
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-C153.
2. SAR Testing is performed to demonstrate RF Compliance.
3. The difference compared with the original design is adding 4 antennas to this EUT.

Antenna is of same type and lower gain from original approval
PIFA Antenna, TB mode, Supplier: High-Tek Electronics Co., Ltd
Part number: 0ACCN020009N (DC33002II00) (Main / Tx1)
0ACCN020010N (DC33002II10) (Aux / Tx2)

PIFA Antenna, TB mode, Supplier: Wistron Neweb Corporation
Part number: 81EABD15.G41 (DC33002IH00) (Main / TX1)
81EABD15.G42 (DC33002IH10) (Aux / TX2)

PIFA Antenna, NB mode, Supplier: High-Tek Electronics Co., Ltd
Part number: 0ACCN020009N (DC33002II00) (Main / Tx1)
0ACCN020010N (DC33002II10) (Aux / TX2)

PIFA Antenna, NB mode, Supplier: Wistron Neweb Corporation
Part number: 81EABD15.G41 (DC33002IH00) (Main / Tx1)
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Frequency (MHz)	2400~2500	5150~5250	5250~5350	5470~5725	5725~5850
TB Mode (Supplier: HTK)	-0.93 (Main / Tx1) -1.43 (Aux / Tx2)	-0.50 (Main / Tx1) -2.77 (Aux / Tx2)	0.09 (Main / Tx1) -2.77 (Aux / Tx2)	-0.94 (Main / Tx1) -2.58 (Aux / Tx2)	-1.76 (Main / Tx1) -2.58 (Aux / Tx2)
TB Mode (Supplier: WNC)	1.24 (Main / Tx1) 1.69 (Aux / Tx2)	-1.28 (Main / Tx1) 0.03 (Aux / Tx2)	-1.28 (Main / Tx1) 0.03 (Aux / Tx2)	-1.38 (Main / Tx1) 0.18 (Aux / Tx2)	-1.38 (Main / Tx1) 0.18 (Aux / Tx2)
NB Mode (Supplier: HTK)	-1.57 (Main / Tx1) -0.78 (Aux / Tx2)	-3.20 (Main / Tx1) -2.08 (Aux / Tx2)	-3.20 (Main / Tx1) -1.90 (Aux / Tx2)	-3.90 (Main / Tx1) -1.26 (Aux / Tx2)	-4.49 (Main / Tx1) -2.49 (Aux / Tx2)
NB Mode (Supplier: WNC)	1.97 (Main / Tx1) 0.19 (Aux / Tx2)	-2.07 (Main / Tx1) -0.69 (Aux / Tx2)	-2.17 (Main / Tx1) -0.69 (Aux / Tx2)	-1.11 (Main / Tx1) -0.78 (Aux / Tx2)	-1.11 (Main / Tx1) -0.76 (Aux / Tx2)

4. Software security remains unchanged from original application.

Best Regards

Liang Rong Chiao

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