



HP Inc.
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Date: Jul. 31, 2019
Federal Communications Commission
7435 Oakland Mills Road
Columbia MD 21046

C.C.: SGS Taiwan Limited

Subject: Requesting Class II permissive change for FCC ID: B94-9560NGWCP

To Whom It May Concern:

The purpose of this letter is to request a Class II Permissive change for FCC ID: B94-9560NGWCP, Original grant date: 01/29/2019, 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-Q228).
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, Supplier: INPAQ

Part number: DQ60PLBLB27 (WA-P-LBLB-02-088) (Tx1)

DQ60PLBLB27 (WA-P-LBLB-02-088) (Tx2)

Frequency (MHz)	2402~2480	5150~5250	5250~5350	5470~5725	5725~5850
NB Mode	1.91 (Tx1) 0.41 (Tx2)	0.23 (Tx1) -1.19 (Tx2)	-0.62 (Tx1) 0.59 (Tx2)	0.37 (Tx1) 0.47 (Tx2)	0.83 (Tx1) 0.53 (Tx2)
Tablet Mode	-0.98 (Tx1) 0.98 (Tx2)	0.77 (Tx1) -1.22 (Tx2)	-1.42 (Tx1) -1.21 (Tx2)	0.88 (Tx1) -0.39 (Tx2)	0.58 (Tx1) -0.14 (Tx2)

PIFA Antenna, Supplier: High-Tek Electronics Co., Ltd

Part number: DQ60ACQD037 (0ACQD019007N) (Tx1)

DQ60ACQD037 (0ACQD019007N) (Tx2)

Frequency (MHz)	2402~2480	5150~5250	5250~5350	5470~5725	5725~5850
NB Mode	-1.24 (Tx1) -2.48 (Tx2)	-2.91 (Tx1) -1.04 (Tx2)	-3.45 (Tx1) 0.03 (Tx2)	-1.58 (Tx1) -1.93 (Tx2)	-2.07 (Tx1) -1.97 (Tx2)
Tablet Mode	-2.30 (Tx1) -3.27 (Tx2)	-2.88 (Tx1) -2.69 (Tx2)	-3.20 (Tx1) -2.16 (Tx2)	-4.07 (Tx1) -1.84 (Tx2)	-4.13 (Tx1) -2.98 (Tx2)

4. Software security remains unchanged form original application.



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Best Regards

Jim Chang

(Signature)

Jim Chang / Technical Manager
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