

Realtek Semiconductor Corp.

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Date: May. 7, 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: TX2-RTL8822CE

To Whom It May Concern:

The purpose of this letter is to request a Class II Permissive change for FCC ID:

TX2-RTL8822CE Original grant date: 11/02/2018,

Applicant: Realtek Semiconductor Corp.

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-Q235).
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: High-Tek Electronics Co., Ltd

Part number: DQ60ACQD047 (0ACQD019039N) (Ant1)

DQ60ACQD047 (0ACQD019039N) (Ant2)

Frequency (MHz)	2400~2500	5150~5250	5250~5350	5470~5725	5725~5850
Gain (dBi)	0.62 (Tx1) -0.12 (Tx2)	0.44 (Tx1) -0.38 (Tx2)	0.28 (Tx1) -0.38 (Tx2)	0.15 (Tx1) -1.37 (Tx2)	0.89 (Tx1) -1.28 (Tx2)

PIFA Antenna, Supplier: WNC

Part number: DQ6B15G7800 (81EABB15.G78) (Ant1)

DQ6B15G7800 (81EABB15.G78) (Ant2)

Frequency (MHz)	2400~2500	5150~5250	5250~5350	5470~5725	5725~5850
Gain (dBi)	-1.98 (Tx1) 0.84 (Tx2)	2.47 (Tx1) 2.35 (Tx2)	2.47 (Tx1) 2.36 (Tx2)	2.44 (Tx1) 2.32 (Tx2)	1.94 (Tx1) 2.36 (Tx2)

4. Software security remains unchanged from original application.

Best Regards



Dana Liaw / Project Manager
Realtek Semiconductor Corp.