



Date: Feb. 8, 2018
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-RTL8821CE

To Whom It May Concern:

The purpose of this letter is to request a Class II Permissive change for FCC ID: TX2-RTL8821CE, Original grant date: 12/12/2016,
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-W132).
2. SAR Testing is performed to demonstrate RF Compliance.
3. The difference compared with the original design is adding 2 antennas to this EUT:
PIFA Antenna,

Frequency (MHz)	2402~2480 Main / Aux	5150~5250 Main / Aux	5250~5350 Main / Aux	5470~5725 Main / Aux	5725~5850 Main / Aux
Peak Ant. Gain (dBi) Supplier WNC NB mode	2.47 / 2.43	0.02 /-0.36	0.02 /-0.33	0.52 /-0.62	1.91 / 0.27
Peak Ant. Gain (dBi) Supplier WNC Tablet mode	1.58 /-0.62	-0.51/-1.42	-0.51/-1.32	-0.55/-1.46	-0.96 /-1.15

Best Regards

(Signature)

Dana Liaw / Project Manager
Realtek Semiconductor Corp.