



Date: Jun. 28, 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-RTL8822BE

To Whom It May Concern:

The purpose of this letter is to request a Class II Permissive change for FCC ID: TX2-RTL8822BE, Original grant date: 08/29/2016,
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: HSN-I13C-5).
2. SAR Testing is performed to demonstrate RF Compliance.
3. The difference compared with the original design is adding 1 antenna to this EUT:
PIFA Antenna,

Frequency (MHz)	Part number	2402~2480	5150~5250	5250~5350	5470~5725	5725~5850
Peak Ant. Gain (dBi) Supplier HONGBO (Main)	6036B0219601 (260-27182)	0.04	-2.05	-2.05	-3.68	-4.02
Peak Ant. Gain (dBi) Supplier HONGBO (Aux)	6036B0219501 (260-27183)	-2.38	-2.94	-3.65	-3.44	-3.44

Best Regards

(Signature)

Dana Liaw / Project Manager
Realtek Semiconductor Corp.



Original antenna info.

Frequency (MHz)	Part number	2402~2480	5150~5250	5250~5350	5470~5725	5725~5850
Peak Ant. Gain (dBi) Supplier ACON (Main)	6036B0199301 (ANP6Y-100182)	-0.99	-0.48	-1.55	1.3	1.37
Peak Ant. Gain (dBi) Supplier ACON (Aux)	6036B0197901 (ANP6Y-100183)	-3.96	1.30	1.30	2.27	1.46
Peak Ant. Gain (dBi) Supplier WNC (Main)	6036B0198901 (81EAA415.GAN)	-4.62	-4.99	-3.35	-2.88	-3.49
Peak Ant. Gain (dBi) Supplier WNC (Main)	6036B0199001 (81EAA415.GAP)	-3.62	-6.84	-5.88	-4.57	-3.98