



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-4).
2. SAR Testing is performed to demonstrate RF Compliance.
3. The difference compared with the original design is adding 1 antennas 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)	6036B0219201 (260-27178)	-0.17	-0.09	-2.63	-0.67	-0.1
Peak Ant. Gain (dBi) Supplier HONGBO (Aux)	6036B0219101 (260-27179)	-2.15	2.75	2.37	0.85	-3.8

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)	6036B0198501 (ANP6Y-100180)	-2.52	-2.18	-1.61	-0.91	0.43
Peak Ant. Gain (dBi) Supplier ACON (Aux)	6036B0198601 (ANP6Y-100181)	-2.05	-1.68	-2.51	-0.98	-0.60
Peak Ant. Gain (dBi) Supplier WNC (Main)	6036B0198201 (81EAA415-GAL)	-1.18	-3.37	-2.31	-0.37	-0.37
Peak Ant. Gain (dBi) Supplier WNC (Aux)	6036B0198401 (81EAA415-GAM)	-2.39	-4.47	-3.02	-2.37	-2.23