

# Realtek Semiconductor Corp.

No. 2, Innovation Road II, Hsinchu Science Park, Hsinchu 300, Taiwan

April 02, 2025

Federal communications commission  
Office of engineering and technology laboratory division  
735 oakland mills Road  
Columbia, Maryland 21046

Subject: class II permissive change for FCC ID: TX2-RTL8852BE  
(NII original Grant date: 09/06/2022)(DSS/DTS original Grant date: 08/13/2021)

Dear Examiner,

This is to request a class II permissive change for 11ax RTL8852BE Combo module, Model Name: RTL8852BE, FCC ID: TX2-RTL8852BE.

The Major change filed under this application is:

- The subject approved module is being used in a specific host(portable category configuration: notebook computer, Brand Name: Lenovo, Model Name: **Legion 5 15IRX10, Legion 5 15IAX10, Legion 5 15AHP10, Legion 5 15AKP10**).
- SAR testing is performed to demonstrate compliance.
- The host antenna has the same type as originally approved with lower gains in the intentional transmit frequency bands, RF output power has been reduced from the original filing and therefore radiated performance in the intentional frequency bands is expected to be lower than that measured in the original modular approval.
- Beamforming mode was turned off.
- Software security remains unchanged from the original application.

Please kindly review the application documents submitted and grant approval for this Permissive Change application.



Dana Liaw  
Project Manager  
Realtek Semiconductor Corp.  
886-3-5780211#13164  
danaliaw@realtek.com