

Realtek Semiconductor Corp.
No. 2, Innovation Road II, Hsinchu Science Park, Hsinchu 300, Taiwan
Tel: 886-3-5780211 ; Fax: 886-3-5776598

Date: 6/12/2025

FCC Laboratory
7435 Oakland Mills Rd
Columbia MD 21046

SUBJECT: Class II Permissive Change for FCC ID: TX2-RTL8852BE

The intention of this application is to enable the modular FCC ID: TX2-RTL8852BE, granted on 09/06/2022(NII) 08/13/2021(DSS, DTS) to be integrated in Lenovo Notebook Computer LOQ Essential 15IRX11*****(*=0~9 , A~Z, a~z, “- “ or blank, for marketing use only, with no impact on RF compliance of the product).

The module installed into host platform mentioned above is electronically and mechanically identical to the original certified module. The Original FCC testing on module under FCC ID: TX2-RTL8852BE was performed with an antenna of higher gain, and the antenna was connected to the module in an open environment. The current host platform under application uses an antenna of the same type but of lower gain and is installed inside the host platform enclosure. The physical restraints introduced by the host platform should have resulted in equal or lower level of radiated emission. Therefore, additional Radiated emission testing is not necessary. Software security remains unchanged from the original application.

Except for the change above, the design, hardware and implementation are exactly same with original.

Sincerely yours,



Dana Liaw
danaliaw@realtek.com