

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

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## **RSE Justification Letter**

We, **Realtek Semiconductor Corp.**, declare that the device without RSE testing due to the following:

- The end product (Brand: **Lenovo**, Model: **Lenovo IdeaPad S540-14IML\*\*\*\*\***, **Lenovo IdeaPad S540\*-14IML\*\*\*\*\***, **81NF\*\*\*\*\***, **Lenovo IdeaPad S540-14IML Touch\*\*\*\*\***, **81V0\*\*\*\*\*** (\* = 0~9, A~Z, a~z, “-“ or blank, for marketing use only, with no impact on RF compliance of the product)) with module under FCC ID: **TX2-RTL8822CE** was assessed compliant to radiated emission limits per 15.247 in its initial approvals.
- Original FCC testing was performing with **higher gain** of antenna. The end product under this application uses same type antenna with **lower gain** across the emission bands. Hence it is apparent that the current platform yields lower level of radiated emission.
- The original FCC testing on module under FCC ID: **TX2-RTL8822CE** was performed when the antenna was connected to the module in an open environment. The current platform under application has the antenna installed inside the laptop enclosure. The physical restraints introduced by laptop enclosure should have resulted in equal or lower level of radiated emission.

Should you have any question or comment regarding this matter, please have my best attention.

Sincerely yours,



Dana Liaw / Project Manager  
Realtek Semiconductor Corp.  
Tel: 886-3-5780211  
Fax: 886-3-5776598  
E-mail: [danaliaw@realtek.com](mailto:danaliaw@realtek.com)