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Federal Communications Commission

Office of Engineering and Technology Laboratory Division

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SUBJECT: Class II Permissive Change for FCC ID: **TX2-RTL8821CE**

The intension of this application is to enable the modular FCC ID: **TX2-RTL8821CE**, granted on 12/12/2016 to be integrated in **HP Notebook PC**, Model: **TPN-W138**.

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-RTL8821CE** 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.

Should you have any enquiries or comments, please have my best attention.

Sincerely yours,



Dana Liaw

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