



Qualcomm Technologies, Inc.
5775 Morehouse Drive, San Diego, CA 92121-1714
www.qualcomm.com

Date: February 3, 2021

Federal Communications Commission
Office of Engineering and Technology Laboratory Division
7435 Oakland Mills Rd
Columbia MD 21046-1609

SUBJECT: Class II Permissive Change for FCC ID: PPD-QCNFA344AH, Model: QCNFA344A
(Original grant Date: 28 May 2015 with reference to a C2PC dated 08/21/2015 and 11/11/2019)

The product, 802.11a/b/g/n/ac + BT 4.1 M.2 2230 Type Card, has been granted by FCC dated 28 May 2015 under FCC ID: PPD-QCNFA344AH. The intention of this application is to enable the modular certified FCC ID: PPD-QCNFA344AH to be integrated in Lenovo Notebook Computer/ Model: IdeaPad Flex 5 15ALC05.

We have tested the platform with the FCC ID: PPD-QCNFA344AH device for SAR. Radiated emission testing was not additionally performed due to the following:

The module installed into host platform mentioned above is electronically and mechanically identical to the original certified module. Software security remains unchanged from the original application. The Original FCC testing on module under FCC ID: PPD-QCNFA344AH 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.

The power reduction is required to this host to comply SAR requirement. A new tuning power table reflecting the power reduction is being submitted with this application.

Sincerely,

Caroline Yu
Qualcomm Technologies Inc.