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USA

December 10, 2024

Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, MD 21046

Subject: Class II Permissive Change for FCC ID: WUW-RM520NGL

To the Commission:

The product, 5G Sub-6 GHz M.2 Module with WCDMA and LTE, has been granted by FCC dated 08/30/2024, FCC ID: WUW-RM520NGL. The intention of this application is to enable the modular certified FCC ID: WUW-RM520NGL to be integrated in XEDGE 2.0, Model: NXE-DEVICE-4M.

The module installed into host platform mentioned above is electronically and mechanically identical to the original certified module. During the original FCC testing for the module, the antenna was connected to the module in an open environment. The current host platform under this application uses an antenna of the same type but different gain and the module is installed inside the host platform enclosure. Due to the different antenna, the following test items were performed:

1. For WWAN, only Conducted Power, ERP/EIRP and RSE were tested.
2. Full SAR testing was performed to confirm compliance.
3. Disable MIMO mode via software.
4. Disable LTE Band 43/43C Part 27O (3700-3800MHz) via software.
5. Enable uplink LTE inter-band CA_30A_66A via software.
6. Software security is identical to the original application.

If you require any additional information, please contact us.

Sincerely,

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