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Date: 7/7/2025

Attn: FCC Office of Engineering and Technology / UL Verification Services TCB

Ref: Class 2 Permissive Change for FCC ID: QXS-LIB02S2
Original approval date: April 2, 2024
Applicant: Abbott Diabetes Care

To Whom It May Concern,

This is to request a Class II Permissive Change (C2PC) to address the following proposed changes of the hardware / firmware for this device:

The FreeStyle Libre 2 and FreeStyle Libre 2 Plus Sensors are internally powered disposable coin sized medical devices that are body worn. Both types of sensors are electrically identical and have been previously submitted under the FCC ID noted above.

For this Class II Permissive Change, the design iteration 5 (di05) variant of the EM9305 BLE Module is intended to be introduced as an alternate to the di04 variant of the same BLE module. Both variants will be in the market.

The di05 variant is noted for its power dissipation, yield improvements, and better performance when compared to its counterpart.

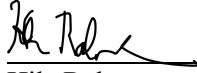
Both variants have the same mechanical design specifications thus resulting in no change to fit or function. No changes in integrated circuit performance or behavior are expected when it comes to EMI/EMC susceptibility. No changes regarding RF/radio are expected.

The di05 variant is considered an internal change to the BLE module and therefore does not impact unintentional radiators or glucose measurement circuitry that may impact radiated immunity, magnetic immunity, radiated emissions, or electrostatic discharge.

Additional details are provided in the schematics, operational description, photograph exhibits, and test report for this application.

If you have any questions regarding this application, please feel free to contact me.

Sincerely yours,

A handwritten signature in black ink, appearing to read 'Hila Ralston', is positioned above a horizontal line.

Hila Ralston
Principal Electrical Engineer
Abbott Diabetes Care