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Cover Letter for Module Integration

2025-08-22

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

Application for:

FCC ID: IPH-04807

Product Description: Extremity Worn Digital Transceiver

The above product integrates the LBAD0XX1SC-DC module from Murata Manufacturing Co., Ltd. (manufacturer) with FCC ID HSW-TY1SCDM, FW RK_03_02_00_00_41841_001. This module was integrated in accordance with the Hardware Design Guidelines provided by the manufacturer. The module is used as provided by the manufacturer, and no hardware or software changes are made to the module.

Additional notes on implementation:

Conducted test data for NTN bands were leveraged from module report TERF2406001815E2. As the conducted measurements are made directly from the module without additional external circuitry, this was considered representative of the product application. Per KDB 996369 D04 section 3, all required radiated emissions testing were performed within the product evaluation.

NTN Band n256 will not be utilized in the subject region. The UE will remain in receive-only mode while scanning for System Information Blocks (SIB), after which it will attach and transmit to satellites only on bands n23 and n255 within North America.

Sincerely,

A handwritten signature in black ink, appearing to read "Hayden Pernia".

Hayden Pernia
Compliance Engineer
Garmin International