



Garmin International, Inc.
1200 East 151st Street
Olathe, Kansas 66062
P: 913-397-8200 F: 913-397-8282

July 18, 2024

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

Innovation, Science and Economic Development Canada
Certification and Engineering Bureau
3701 Carling Avenue
PO Box 11490, Station H
Ottawa, Ontario, Canada K2H 8S2

RE: Application for Certification:
FCC ID: IPH-04349
IC: 1792A-04349

To Whom It May Concern:

Pursuant to KDB 996369 and KDB 388624, Pre-Approval Guidance (PAG) is requested for the referenced Limited Modular Approval (LMA) under the PAG item MODLIM. For this Limited Module, it is necessary for the host, not the module, to provide voltage regulation as required under §15.212(a)(1)(iii).

We attest that this Limited Module complies with the remaining requirements of §15.212(a)(1), as follows:

- (i) The radio elements of the modular transmitter have their own shielding.
- (ii) The modular transmitter has buffered modulation/data inputs.
- (iii) [voltage regulation is *not* provided as explained above]
- (iv) The modular transmitter complies with the antenna and transmission system requirements of §§ 15.203, 15.204(b) and 15.204(c). The antenna will either be permanently attached in the host systems or employ unique antenna connections.
- (v) The modular transmitter was tested in a stand-alone configuration.
- (vi) The modular transmitter is equipped with a permanently affixed label, including the unique FCC ID and IC certification numbers referenced above. The OEM Manual includes instructions for the integrator to label or e-label the host with the text “CONTAINS... FCC ID: IPH-04349” and “CONTAINS... IC: 1792A-04349.”
- (vii) This Limited Module complies with all the requirements of a Single Transmitter Module when integrated into hosts which implement the voltage regulation requirements specified in the OEM Manual.
- (viii) This limited module complies with the MPE requirements of mobile equipment at a minimum separation distance of 20 cm. For portable hosts, the OEM Manual explains that SAR testing is required.

The following grant notes apply to this application:

This Module is limited, requiring the host integrator to perform additional testing as provided by the manufacturer's integration instructions for regulation of power supply voltages provided by the host.



Garmin International, Inc.
1200 East 151st Street
Olathe, Kansas 66062
P: 913-397-8200 F: 913-397-8282

The maximum antenna gain of 6 dBi is allowed in-band (0 – 2200 MHz).
The maximum antenna gain of 9 dBi is allowed out-of-band (above 2200 MHz).

This module can only be used when installed in a host device that follows the required instructions for use of a trace reference design.

Thank you for your attention to this PAG request.

Sincerely,

A handwritten signature in black ink that reads "Dan Irish". The signature is written in a cursive style.

Dan Irish
Lead Compliance Engineer
Garmin International, Inc.