



U.S. Department
of Transportation
**Federal Aviation
Administration**

800 Independence Ave., S. W.
Washington, D. C. 20591

DEC 14 2016

Mr. Andy Leimer
Federal Communications Commission
7435 Oakland Mills Road
Columbia, MD 21046

Dear Mr. Leimer:

The Federal Aviation Administration, office of the Spectrum Engineering Services received the Garmin notification letter, dated November 29, 2016, of its filing with the Federal Communications Commission (FCC). The application is for certification of the Garmin Model GMN-01078, an Aircraft Remote Mounted Avionics Unit including a Multi-Mode Avionics – Band, Very High Frequency (VHF) Transceiver in AM, Very High Frequency Digital link (VDL) Mode A, and VDL Mode 2 Operating Modes, with the FCC ID# IPH-0212800.

The Spectrum Planning and International Team has reviewed the data presented by Garmin and has found no objection to the FCC granting certification to this equipment for 25 kHz channel spacing operations. GARMIN should be aware that 8.33 kHz channel spacing is not planned for use in the United States (U.S.) National Air Space (NAS); hence this emission is not authorized in the US NAS.

Applicants for avionics equipment FCC certification should be aware that aircraft might implement Global Navigation Satellite System (GNSS) receivers along with VHF Transceivers, and it is likely that without proper filtering of the VHF transceiver harmonic emissions (per TSO-C169a), there is a potential for interference to be caused by the VHF transceiver to the on-board GNSS receiver.

If you require any additional information, please contact Ms. Annette Allender, Electronics Engineer, Spectrum Planning and International Team, at (202) 267-3893 or via e-mail annette.allender@faa.gov.

Sincerely,

Michael Richmond
Acting Manager, Spectrum Planning
and International Team

cc:

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