



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

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

JAN 31 2017

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

Dear Mr. Leimer:

The Federal Aviation Administration, office of Spectrum Engineering Services received the Garmin notification letter, dated December 6, 2016, of its filing with the Federal Communications Commission (FCC). The application is for certification of the Garmin Model GMN-01410, an Avionics Unit including a Multi-Mode Avionics – Band, Very High Frequency (VHF) Transceiver in AM, at 25 kHz and 8.33 kHz channel spacing, with the FCC ID # IPH-0271500.

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 Airspace System (NAS); hence this emission is not authorized in the US NAS.

Applicants for all 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](mailto:annette.allender@faa.gov).

Sincerely,

Michael Richmond  
Acting Manager, Spectrum Planning  
and International Team

cc:  
Doug Kealey  
[Doug.Kealey@garmin.com](mailto:Doug.Kealey@garmin.com)