

Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, DC 20554

In the Matter of

Application of KVH Industries, Inc. to)
Modify Existing Ku-band Earth Station) Call Sign E090001
Onboard Vessel (“ESV”) Blanket)
License) File No. _____

APPLICATION TO MODIFY ESV BLANKET LICENSE

By this application, KVH Industries, Inc. (“KVH”) seeks to modify its existing Ku-band earth station onboard vessel (“ESV”) blanket license, Call Sign E090001, by adding an additional emission designator for its previously licensed Model V7 (“V7”) ESV terminal. This emission is compliant with the Commission’s two-degree spacing policies and Section 25.222 of the Rules governing Ku-band ESV operations.

Under its ESV blanket license, Call Sign E090001, KVH is authorized to operate the V7 terminal using various emission designators to communicate with Permitted List satellites in the 14.0-14.5 GHz (Earth-to-space), 10.95-11.2 GHz (space-to-Earth), 11.45-11.7 GHz (space-to-Earth) and 11.7-12.2 GHz (space-to-Earth) bands. The additional emission will improve KVH’s operational flexibility to provision maritime communications applications to private, commercial and government vessels operating in U.S. waters and beyond.

KVH will continue to operate the V7 terminal within the off-axis EIRP spectral density limits specified in Section 25.222(a)(1) of the Commission’s Rules. KVH incorporates by reference relevant V7 terminal technical information previously submitted

with prior ESV blanket license applications.¹ Pursuant to Section 25.117(c) of the Commission's Rules,² KVH provides the attached FCC Form 312 Schedule B and updated radiation hazard analysis to reflect information that is changing as a result of the requested modification. KVH confirms that V7 terminal operations will be consistent with other relevant terms, conditions and operational parameters in KVH's ESV license.

The public interest would be served by grant of this modification because it will allow KVH to enhance its operational flexibility by utilizing a smaller bandwidth and provide improved high-speed satellite broadband services to various U.S. maritime customers. Additionally, because the new emission complies with the Commission's two-degree spacing values and other ESV rules and policies, grant is fully consistent with the public interest.

Based on the foregoing, KVH respectfully request that the Commission grant its request to modify its existing Ku-band ESV blanket license, Call Sign E090001, by adding a new emission designator for its previously licensed V7 terminal.

¹ See KVH Industries, Inc., File No. SES-LIC-20081104-01450 and subsequent file numbers, Call Sign E090001.

² 47 C.F.R. § 25.117(c).