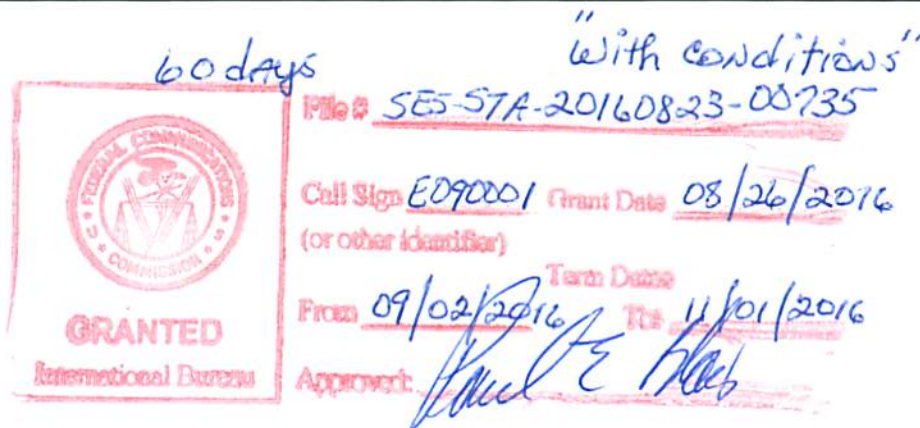


APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:  
60-Day STA to Operate ESV Terminal with New Emission

1. Applicant

<b>Name:</b>	KVH Industries, Inc.	<b>Phone Number:</b>	401-845-8148
<b>DBA Name:</b>		<b>Fax Number:</b>	401-845-8116
<b>Street:</b>	50 Enterprise Center	<b>E-Mail:</b>	ffeingold@kvh.com
<b>City:</b>	Middletown	<b>State:</b>	RI
<b>Country:</b>	USA	<b>Zipcode:</b>	02842 -
<b>Attention:</b>	Ms. Felise Feingold		




Applicant: KVH Industries Inc.  
File No.: SES-STA-20160823-00735  
Call Sign: E090001

KVH Industries Inc. (KVH) is granted special temporary authority for 60 days, beginning September 11, 2016, 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 on the following conditions:

1. In the event of any harmful interference as a result of operations under this grant of STA, Intelsat shall cease operations immediately upon notification of such interference and shall immediately inform the Commission, in writing, of such an event.
2. All operations shall be on an unprotected, non-interference basis to both government and non-government operations.
- 3 Any action taken or expense incurred as a result of operations pursuant to this STA is solely at KVH's own risk.
4. Grant of this authorization is without prejudice to any determination that the Commission may make regarding any pending or future Intelsat applications.

This action is issued pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. §0.261, and is effective immediately.

60 days "With conditions"

	File # <u>SES-STA-20160823-00735</u>
	Call Sign <u>E090001</u> Grant Date <u>08/26/2016</u> (or other identifier)
	From <u>09/02/2016</u> Term Dates To <u>11/01/2016</u>
	Approved: <u>Karl Elias</u>

**Before the  
FEDERAL COMMUNICATIONS COMMISSION  
Washington, DC 20554**

In the Matter of

Application of KVH Industries, Inc. for a 60- )  
Day Special Temporary Authorization ) Call Sign E090001  
("STA") for Certain Earth Station Onboard )  
Vessel ("ESV") Operations ) File No. SES-STA-20160823-00735

**APPLICATION FOR SPECIAL TEMPORARY AUTHORIZATION**

KVH Industries, Inc. ("KVH"), pursuant to Section 25.120 of the Commission's Rules, 47 C.F.R. § 25.120, seeks a 60-day special temporary authorization ("STA") to operate its previously licensed Model V7 ("V7") earth station onboard vessel ("ESV") terminal using an additional emission with a power spectral density higher than those previously authorized. 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 requests this 60-day STA to permit operation of the V7 during the pendency of its concurrently filed modification application for identical operations,<sup>1</sup> which will afford KVH the

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<sup>1</sup> See Application of KVH Industries, Inc. to Modify Existing Ku-band Earth Station Onboard Vessel ("ESV") Blanket License, Call Sign E090001.

opportunity to begin initial link evaluation for the new emission in the context of real-world operations while the application on public notice for comment by interested parties. The additional emission is compliant with 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.<sup>2</sup> KVH confirms that V7 terminal operations will be consistent with other relevant terms, conditions and operational parameters in KVH's ESV license. Additionally, KVH provides the attached as-filed FCC Form 312 Schedule B and updated radiation hazard analysis to reflect information that is changing as a result of the additional emission.

The public interest would be served by grant of this STA because it will allow KVH to enhance its operational flexibility by utilizing a smaller emission bandwidth and provide improved high-speed satellite broadband services to various public and private 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. Section 25.120(a) provides that STA requests should be filed at least three working days prior to the date of commencement of the proposed operations. Here, KVH is proposing to commence operations on Monday, September 2, 2016.

Based on the foregoing, the public interest would be served by a grant of the requested 60-day STA to allow KVH to operate the V7 terminal using a new emission designator by September 2, 2016 or at the earliest practicable time thereafter.

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<sup>2</sup> See KVH Industries, Inc., File No. SES-LIC-20081104-01450 and subsequent file numbers, Call Sign E090001.

**2. Contact**

<b>Name:</b>	Carlos M. Nalda	<b>Phone Number:</b>	5713325626
<b>Company:</b>	LMI Advisors	<b>Fax Number:</b>	
<b>Street:</b>	8601 James Creek Drive	<b>E-Mail:</b>	cnalda@lmiadvisors.com
<b>City:</b>	Springfield	<b>State:</b>	VA
<b>Country:</b>	USA	<b>Zipcode:</b>	22152 -
<b>Attention:</b>		<b>Relationship:</b>	Other

(If your application is related to an application filed with the Commission, enter either the file number or the IB Submission ID of the related application. Please enter only one.)

**3. Reference File Number or Submission ID**

4a. Is a fee submitted with this application?

- If Yes, complete and attach FCC Form 159. If No, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114).  
 Governmental Entity     Noncommercial educational licensee  
 Other (please explain):

4b. Fee Classification    CGV – Fixed Satellite VSAT System

**5. Type Request**

- Use Prior to Grant                       Change Station Location                       Other

**6. Requested Use Prior Date**

09/02/2016

**7. CityMobile****8. Latitude**

(dd mm ss.s h) 0 0 0.0

9. State	10. Longitude (dd mm ss.s h) 0 0 0.0
11. Please supply any need attachments. Attachment 1: Narrative Statement                      Attachment 2: Rad Haz Study                      Attachment 3:	
12. Description. (If the complete description does not appear in this box, please go to the end of the form to view it in its entirety.) <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> KVH seeks a 60-day STA to operate its previously licensed V7 ESV terminal using an additional emission designator. </div>	
13. By checking Yes, the undersigned certifies that neither applicant nor any other party to the application is subject to a denial of Federal benefits that includes FCC benefits pursuant to Section 5301 of the Anti-Drug Act of 1988, 21 U.S.C. Section 862, because of a conviction for possession or distribution of a controlled substance. See 47 CFR 1.2002(b) for the meaning of "party to the application"; for these purposes. <div style="text-align: right;"> <input checked="" type="radio"/> Yes                      <input type="radio"/> No </div>	
14. Name of Person Signing Felise Feingold	15. Title of Person Signing VP
<b>WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND / OR IMPRISONMENT (U.S. Code, Title 18, Section 1001), AND/OR REVOCATION OF ANY STATION AUTHORIZATION (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).</b>	

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