

Approved by OMB
3060-0678

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
SWKU5 IOT STA-30 KU-79W

1. Applicant

Name:	DIRECTV Enterprises, LLC	Phone Number:	301-663-0053
DBA Name:		Fax Number:	240-358-0569
Street:	6050 Elmer Derr Rd	E-Mail:	jwengryniuk@directv.com
City:	Frederick	State:	MD
Country:	USA	Zipcode:	21703
Attention:	Jack Wengryniuk		

"with conditions"


30 days

File # SES-STA-20150420-00239

Call Sign E140115 **Grant Date** 05/06/2015
(or other identifier)

Term Dates
From 05/27/2015 **To:** 06/25/2015

Approved: *[Signature]*



GRANTED
International Bureau

Applicant: DIRECTV Enterprises, LLC
File No.: SES-STA-20150420-00239
Call Sign: E140115
Special Temporary Authority (STA)

DIRECTV Enterprises, LLC is granted a STA, beginning May 27, 2015, for 30 days, operate its fixed earth station in Tucson, AZ, to provide Telemetry, Tracking and Control (TT&C) for the DIRECTV KU-79W satellite, Call Sign S2861, while at the 77.5° W.L. orbital location on the center frequencies :14001 and 14496.5MHz (Earth -to-space) 11700.75 and 11702.25 MHz and to conduct in-orbit testing (IOT) in the 14000- 14500 and 24750- 25250 MHz (Earth -to-space) and 11700- 12200 and 17300- 17800 MHz (space-to-Earth) frequency bands under the following conditions.

1. Operations under this authorization must comport with S2861 technical operating parameters and the Federal Communication Commission's rules.
2. All operations under this grant of special temporary authority must be on an unprotected and non-harmful interference basis, *i.e.*, DIRECTV must not cause harmful interference to, and shall not claim protection from interference caused to it by, any other lawfully operating station.
3. In the event of any harmful interference under this grant of special temporary authority, DIRECTV must cease operations immediately upon notification of such interference, and must inform the Commission, in writing, immediately of such an event.
4. DIRECTV must coordinate its TT&C operations with all other potentially affected operators and ensure that no harmful interference results.
5. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at DIRECTV's own risk.

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.

30 day


"With Conditions"

File # SES-STA-20150420-00239

Call Sign E140115 Grant Date 05/06/2015
(or other identifier)

Term Dates
From 05/27/2015 To: 06/25/2015

Approved: [Signature]



The stamp is a red rectangular box containing the FCC logo (a shield with a scale of justice and a sword) and the text "GRANTED International Bureau".

REQUEST FOR SPECIAL TEMPORARY AUTHORITY

Call Sign: E140115

DIRECTV Enterprises, LLC (“DIRECTV”) hereby requests Special Temporary Authority (“STA”) for up to 30 days to conduct in-orbit testing (IOT) and conduct Telemetry, Tracking and Command (TTAC) for the DIRECTV KU-79W satellite while at the 77.5° W.L. orbital location, from its Tucson, Arizona earth station (call sign E140115). This earth station is licensed to operate with all Ku-band satellites on the Commission’s Permitted List, but that does not include temporary operations at 77.5° W.L.. In this application, DIRECTV requests that the earth station be granted an STA to communicate with DIRECTV KU-79W at 77.5° W.L. for the duration of IOT, and thereafter to continue to provide TTAC during migration to its authorized orbital location. DIRECTV further requests that the STA be structured to begin upon arrival of the satellite at 77.5° W.L.

The DIRECTV KU-79W satellite is currently at the launch site and is scheduled for launch on May 20, 2015. DIRECTV has requested temporary authority to conduct IOT of the satellite at 77.5° W.L. before moving the satellite to its licensed orbital location.¹ The STA requested herein will support the IOT phase of the DIRECTV KU-79W mission. DIRECTV will coordinate with potentially affected satellite operators in accordance with industry practice, and will operate on a non-interference basis during this IOT.

The requested STA will serve the public interest by ensuring that the DIRECTV KU-79W satellite is properly tested to assure that it will operate safely and is in good working order so that it can make productive use of valuable spectrum/orbital resources as soon as possible. Accordingly, DIRECTV respectfully requests that the Commission grant this STA request as expeditiously as possible.

¹ See IBFS File No. SAT-STA-20150415-00024.

2. Contact	
Name: William M. Wiltshire	Phone Number: 202-730-1350
Company: Harris, Wiltshire & Grannis LLP	Fax Number: 202-730-1301
Street: 1919 M Street NW Suite 800	E-Mail: wwiltshire@hwglaw.com
City: Washington	State: DC
Country: USA	Zipcode: 20036
Attention:	Relationship: Legal Counsel
(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?	
<input checked="" type="radio"/> If Yes, complete and attach FCC Form 159. If No, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114).	
<input type="radio"/> Governmental Entity <input type="radio"/> Noncommercial educational licensee	
<input type="radio"/> Other (please explain):	
4b. Fee Classification CGX – Fixed Satellite Transmit/Receive Earth Station	
5. Type Request	
<input type="radio"/> Use Prior to Grant <input type="radio"/> Change Station Location <input checked="" type="radio"/> Other	
6. Requested Use Prior Date	
7. City Tucson	
8. Latitude (dd mm ss.s h) 32 5 31.1 N	

9. State AZ	10. Longitude (dd mm ss.s h) 110 47 47.8 W
11. Please supply any need attachments. Attachment 1: Narrative Attachment 2: 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.) DIRECTV Enterprises, LLC requests Special Temporary Authority for up to 30 days to conduct in-orbit testing and conduct Telemetry, Tracking and Command for the DIRECTV KU-79W satellite while at the 77.5 W.L. orbital location.	
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. Yes <input checked="" type="radio"/> No <input type="radio"/>	
14. Name of Person Signing Romulo Pontual	15. Title of Person Signing Executive Vice President Chief Technology Officer
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).	

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