

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
CKA15 STA-30 D15 IOT

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

30 days
"with conditions"
File # SES-STA-20150420-00241
Call Sign E070027 Grant Date 05/26/2015
(or other identifier) Term Dates
From 05/27/2015 To: 06/22/2015
Approved: *[Signature]*




Applicant: DIRECTV Enterprises, LLC
File No.: SES-STA-20150420-00241
Call Sign: E070027
Special Temporary Authority (STA)

DIRECTV Enterprises, LLC is granted, the STA, for 30 days, beginning May 27, 2015, to conduct in-orbit testing (IOT) for the DIRECTV 15/DIRECTV RB-2 satellites (Call Signs S2930 and S2712) while at 66.8° W.L. orbital location, from its Castle Rock, Colorado earth station, which is licensed to operate in the Ka-band FSS and the 24750-25050 MHz BSS feeder link frequency bands under the following conditions:

1. Operations under this authorization must comport with S2930 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 days "with conditions"



File # SES-STA-20150420-00241

Call Sign E070027 Grant Date 05/26/2015
(or other identifier)

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

Approved: [Signature]

REQUEST FOR SPECIAL TEMPORARY AUTHORITY

Call Sign: E070027

DIRECTV Enterprises, LLC (“DIRECTV”) hereby requests Special Temporary Authority (“STA”) for up to 30 days to conduct in-orbit testing (IOT) for the DIRECTV 15/DIRECTV RB-2 satellites (call signs 2930 and S2712, respectively) while at the 66.8° W.L. orbital location, from its Castle Rock, Colorado earth station (call sign E070027). This earth station is licensed to operate in the Ka-band FSS and the 24750-25050 MHz BSS feeder link frequency bands but 66.8° W.L. is not listed as a point of communication. In this application, DIRECTV makes two requests for STA. First, that the earth station be authorized to communicate with DIRECTV 15/DIRECTV RB-2 at 66.8° W.L. for the duration of the IOT; and second, that the earth station be temporarily authorized to operate across the 24750-25130 MHz frequency band at that location during this IOT. DIRECTV requests that the STA be structured to begin upon arrival of the satellite at 66.8° W.L.

DIRECTV RB-2 is a fully capable 17/24 GHz BSS payload on the DIRECTV 15 satellite. That 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 Ka-band and 17/24 GHz BSS at 66.8° W.L. before moving the satellite to its licensed orbital location.¹ The STA requested herein will support the IOT phase of the DIRECTV 15/RB-2 mission. DIRECTV notes that the earth station in question lies in the Denver-Boulder-Greeley, CO-KS-NE BEA141, and that FiberTower holds a 24 GHz Service license for this BEA (call sign WQCJ304). DIRECTV notes, however, that the WQCJ304 license only authorizes use of the two 40 MHz channels extending from 24330-24370 MHz and 25130-25170 MHz. As such, there is no frequency overlap between these channels and DIRECTV’s request, and therefore no possibility for interference to this 24 GHz Service licensee. 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 15/RB-2 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-20150415-00023. DIRECTV has also requested authority to test the DBS payload on DIRECTV 15, and will file a separate STA request for the earth station involved in such testing.

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 Castle Rock	
8. Latitude (dd mm ss.s h) 39 16 38.0 N	

9. State CO	10. Longitude (dd mm ss.s h) 104 48 31.7 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 for the DIRECTV 15/DIRECTV RB-2 satellite while at the 66.8 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. <input checked="" type="radio"/> Yes <input type="radio"/> No	
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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