Approved by OMB 3060–0678

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATIONEnter a description of this application to identify it on the main menu: E040303 STA Request

1. Applicant

Name:

SES Americom, Inc.

Phone Number:

202-478-7137

DBA Name:

Fax Number:

202-478-7101

Street: 2001 L Street, NW

E-Mail:

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Suite 800

City:

Washington

State:

GRANTED

DC

Country:

USA

Zipcode:

20036

Attention:

Daniel C.H. Mah

With Conditions

File #SES-STA-20100408-00419

Call Sign E040303 Grant Date 4/ 22/2010

(or other identifier)

From 4/24/2010

Term Dates

To: 5/24/20

Approved

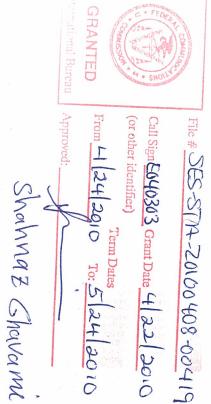
Shahnaz Ghavami

ATTACHMENT April 23, 2010

accordance with the terms, conditions, and technical specifications set forth in SES SES Americom, Inc.'s request for Special Temporary Authority is GRANTED in Attachment, and the Commission's rules. AMERICOM, INC.'s application and supplements, the conditions set forth in this

- SES WORLD SKIES will notify the Air Force Frequency Management Agency IOT operations and after IOT operations have been completed. (robert.lando@pentagon.af.mil, 703-428-1513) 24 hours prior to the beginning of
- 2) 4415, dave.westlund@ses.com, be available during in-orbit testing 1. SES Americom, Inc. shall ensure that a 24/7 POC Dave Westlund, (805) 217-
- \Im operations pursuant to this STA, SES AMERICOM, INC. shall cease operations immediately upon notification of such interference and shall immediately inform the radiocommunication system. In the event of any harmful interference as a result of protection from interference caused to it, by any other lawfully operating AMERICOM, INC. shall not cause harmful interference to, and shall not claim All operation shall be on an unprotected and non-harmful interference basis, i.e., SES Commission, in writing, of such an event.

With Conditions



2. Contact	<u> </u>					
2. Comaci	l			·		
	Name:	Karis A. Hastings, Esq.	Phone N	umber:	202-637-5767	
	Company:	Hogan & Hartson LLP	Fax Nun	aber:	202-637-5910	
	Street:	555 Thirteenth Street, NW	E-Mail:		kahastings@hhlaw.o	com
	City:	Washington	State:		DC	
	Country:	USA	Zipcode:		20004 -1120	
	Attention:		Relation	ship:		
3. Referen	. Please enter ce File Numb	er or Submission ID	the Commission	on, enter either the file	number or the IB Submi	ssion ID of the related
		with this application?				
		attach FCC Form 159. If No, i		for fee exemption (se	e 47 C.F.R.Section 1.1114	4).
	olease explain	Noncommercial education	nai ncensee			
4b. Fee Cla	ssification C	CGX – Fixed Satellite Transmit/R	Receive Earth S	Station		
5. Type Rec	quest					
O Use Pr	ior to Grant	O Char	age Station Lo	cation	Other	
6. Requeste	d Use Prior D	ate				
7. City				8. Latitude (dd mm ss.s h) 0 (0.0	

9. State	10 7 4 1
9. State	10. Longitude (dd mm ss.s h) 0 0 0.0
	(dd fiffi 55.5 fr) 0 0 0.0
11. Please supply any need attachments.	
Attachment 1: Attachment Attachment 2:	Attachment 3:
12. Description. (If the complete description does not appear in this bo	ox, please go to the end of the form to view it in its entirety.)
SES Americom, Inc. seeks special temporary au E040303 in connection with the in-orbit testi sign S2807.	thority for operation of earth station
13. By checking Yes, the undersigned certifies that neither applicant nor subject to a denial of Federal benefits that includes FCC benefits pursua of 1988, 21 U.S.C. Section 862, because of a conviction for possession See 47 CFR 1.2002(b) for the meaning of "party to the application	ant to Section 5301 of the Anti–Drug Act or distribution of a controlled substance.
14. Name of Person Signing	15. Title of Person Signing
Daniel C.H. Mah	Regulatory Counsel
WILLFUL FALSE STATEMENTS MADE ON THIS FORM. (U.S. Code, Title 18, Section 1001), AND/OR REV (U.S. Code, Title 47, Section 312(a)(1)), AND/OR	OCATION OF ANY STATION AUTHORIZATION

FCC NOTICE REQUIRED BY THE PAPERWORK REDUCTION ACT

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THE FOREGOING NOTICE IS REQUIRED BY THE PAPERWORK REDUCTION ACT OF 1995, PUBLIC LAW 104–13, OCTOBER 1, 1995, 44 U.S.C. SECTION 3507.

Before the FEDERAL COMMUNICATIONS COMMISSION Washington, D.C. 20554

For Special Temporary Authority to Test SES-1 at 142.5° W.L.	SES AMERICOM, INC.	In the Matter of Application by
)) Call Signs S2807, E920698, E7169,) E090060 KA288 KR27 E040303	

REQUEST FOR SPECIAL TEMPORARY AUTHORITY

listed in the caption above.² of IOT. The call signs of the space station and earth stations for which STA is requested are (3) authority to perform TTC&M in order to drift SES-1 to 101° W.L. following the completion to operate the TTC&M and communications payloads of SES-1 at 142.5° W.L. during IOT; and Command, and Monitoring ("TTC&M") in order to position SES-1 at 142.5° W.L.; (2) authority Specifically, SES WORLD SKIES requests: (1) authority to perform Tracking, Telemetry ("STA") for a period of up to 30 days, commencing on or about April 24, 2010, to permit SES SKIES"), respectfully requests space station and earth station special temporary authority WORLD SKIES to perform in-orbit testing ("IOT") of its SES-1 spacecraft at 142.5° W.L. By this application, SES Americom, Inc. (doing business as "SES WORLD

operate SES-1 at 101° W.L. in the conventional C- and Ku-bands to replace SES WORLD SES WORLD SKIES has a pending application for a Commission license to

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legal entities that hold Commission authorizations or U.S. market access rights indirect subsidiaries, New Skies Satellites B.V. and SES Americom would be conducted under a single brand name, SES WORLD SKIES. The new brand name does not affect the underlying On September 7, 2009, SES S.A. announced that the newly integrated operations of its two

^{(&}quot;SES-1 Application"), Technical Narrative at 6. The TTC&M frequencies for the SES-1 satellite are at the edges of the conventional C- and Ku-band. See SES Americom, Inc., File Nos. SAT-RPL-20100120-00014 (Call Sign S2807)

payload. customers at 101° W.L. and will not adversely affect the operation of any adjacent satellites at 142.5° W.L. rather than 101° W.L. will permit testing to occur without disruption to existing launch on or about April 24, 2010 SES WORLD SKIES seeks expedited action on this request because SES-1 is scheduled for BSS band payloads of SES-1 at 142.5° W.L. As discussed below, temporary operation of SES-1 information concerning the satellite's 17/24 GHz Broadcasting Satellite Service ("BSS") SKIES' AMC-4 spacecraft and recently amended the application to provide technical SES WORLD SKIES requests authority to test the C-band, Ku-band, and 17/24 GHz

avoiding any interruption in service that otherwise might be associated with spacecraft testing ensure that SES-1 is fully operational at the time it arrives at its final orbital location, thereby 1 at this location, SES WORLD SKIES will minimize the risk of interference and be able to request to test SES-1 at the 142.5° W.L. orbital position is in the public interest. By testing SES Grant of STAs Will Serve the Public Interest. Grant of SES WORLD SKIES:

spacecraft with Ku-band operations currently operates within six degrees on either side of the Inmarsat 2 F1 at 142° W.L. The in-orbit testing of SES-1 at 142.5° W.L. has been coordinated 142.5° W.L. position. The closest satellite operating in a portion of the C-band frequencies is 142.5° W.L. will not cause harmful interference to the operations of any other spacecraft. No Harmful Interference to Other Spacecraft. The testing of SES-1 at

GHz frequencies. 6425 MHz frequencies. The "conventional Ku-band" refers to the 11.7-12.2 GHz and 14.0-14.5 See SES-1 Application. The "conventional C-band" refers to the 3700-4200 MHz and 5925.

in-orbit testing of the payload at 142.5° W.L. to verify its performance characteristics WORLD SKIES is not requesting authority to operate the 17/24 GHz BSS payload of SES-1 at The "17/24 GHz BSS" refers to the 17.3-17.8 GHz and 24.75-25.25 GHz frequencies. SES 101° W.L. (see SES-1 Application, Narrative at 1 n.2), but requests authority herein to perform See SES Americom, Inc., File No. SAT-AMD-20100309-00040 ("SES-1 Amendment")

Section 25.208(w) of the Commission's rules (see Attachment 1). density at the earth's surface in the 17.3-17.7 GHz band that exceeds the applicable limits in spacecraft. Moreover, in-orbit testing of the 17/24 GHz payload will not result in a power flux requested IOT location at 102.765° W.L. 17.7 GHz frequencies - DIRECTV RB-2A - will be located nearly forty degrees away from the operations of its spacecraft to ensure that no harmful interference occurs. With respect to other 17/24 GHz BSS spacecraft, the only currently in-orbit spacecraft with a payload in the 17.3with Inmarsat. The next closest C-band spacecraft are SES WORLD SKIES' AMC-7 and AMCsatellites, at 137° W.L. and 139° W.L., respectively. SES WORLD SKIES will manage the As a result, there should be no impact on that

operational DBS spacecraft is the Canadian-licensed Ciel 2 satellite at 129° W.L. - over thirteen degrees away location is not currently occupied by an operational DBS spacecraft. In fact, the neares that is closest to the proposed IOT location is more than five degrees away at 148° W.L., and that satellites, there is consensus among the commenting parties that an orbital separation of no more than a few tenths of a degree will suffice to prevent interference. The U.S. DBS orbital location has not yet finalized rules regarding the appropriate spacing between DBS and 17/24 GHz BSS ("DBS") spacecraft using the 17.3-17.8 GHz band for feeder links. Although the Commission There is no material risk of space-path interference to Direct Broadcast Satellite

Sign S2796 (granted Jan. 8, 2010). See DIRECTV Enterprises, LLC, Stamp Grant, File No. SAT-LOA-20090807-00085, Call

minimum separation of 0.2-0.3 degrees between DBS and 17/24 GHz BSS satellites) FCC 07-76, 22 FCC Rcd 8842 at ¶ 186 (2007) ("Reverse Band Order") (commenters support 17.3-17.8 GHz Frequency Band, Report and Order and Further Notice of Proposed Rulemaking. the Broadcasting-Satellite Service and for the Satellite Services Operating Bi-directionally in the at the 24.75-25.25 GHz Frequency Band for Fixed Satellite Services Providing Feeder Links to See Establishment of Policies and Service Rules for the Broadcasting-Satellite Service at the 17.3-17.7 GHz Frequency Band and at the 17.7-17.8 GHz Frequency Band Internationally, and

specified in their respective licenses. The TT&C operations will not result in a power flux Commission's rules (see Attachment 1). density at the earth's surface that exceeds the applicable limits in Section 25.208(a) of the C-band frequencies. These earth stations will not exceed the maximum output EIRP density been coordinated to communicate with satellites in the 101° to 142.5° W.L. orbital arc using the drift and in-orbit testing of the satellite (call signs E7169, E090060, KA288 and KB27) have any co-primary terrestrial services. The C-band earth stations to be used in connection with the during the proposed drift and station-keeping maneuvers will not cause harmful interference to No Harmful Interference to Terrestrial Services. The SES-1 TT&C operations

Section 25.208(a), but only for the minimal amounts of time during IOT (see Attachment 1) satellite downlink PFD density is expected to exceed the PFD limits specified in than five minutes) over a period of a couple of days. During such transmissions, the maximum satellite transponders to intermittently transmit a CW carrier for a short duration of time (less harmful interference to co-primary terrestrial services. Some IOT procedures will require the The proposed SES-1 IOT operations in the C-band are also not expected to cause

not exceed the limit of -115 dBW/m²/MHz in Section 25.208(c) of the Commission's rules band, the power flux density at the earth's surface generated by the in-orbit testing of SES-1 will 17.7-17.8 GHz and 24 GHz bands. Testing of SES-1 will not cause harmful interference to terrestrial services in the With respect to terrestrial licensees in the 17.7-17.8 GHz

^{17.475} GHz frequencies. US402 of the U.S. Table of Allocations for operations in the 17.6-17.7 GHz and 17.375-Earth station E040303 is located well outside of the exclusion zones listed in footnote See 47 C.F.R. § 2.106.

Allocations for purposes of the in-orbit testing of the SES-1 spacecraft. The Commission has in internationally but not within the United States. See 47 C.F.R. § 2.106; Reverse Band Order at SES WORLD SKIES recognizes that the 17.7-17.8 GHz band is allocated to BSS SES WORLD SKIES respectfully requests a temporary waiver of the U.S. Table of

expected to have no impact on DEMS operations in adjacent SMSAs, as the predicted power flux of the proposed IOT operations (see Attachment 3). The operation of E040303 for IOT is is not likely given the specific azimuth, high elevation angle, proximity and narrow beamwidth is that harmful interference to DEMS operations within WPNH293 or its neighboring call signs coordination shortly. SES WORLD SKIES's assessment, subject to coordination confirmation WMT 306, WMT 314, WMT 337), and will notify the Commission of the outcome of that IOT within the WPNH293 DEMS license and to the neighboring DEMS licenses (WPNH 292, station E040303 lies within the SMSA for the WPNH293 DEMS license (see Attachment 2) operate in Standard Metropolitan Statistical Areas (SMSA) located within BEA160, and earth there are a number of DEMS licenses held by Fibertower Spectrum Holdings LLC authorized to indicates that there is no 24 GHz licensee for the entire BEA160 Economic Area. However, notes that the earth station it proposes to use for testing, E040303, is located in the Los Angeles-Riverside-Orange County Economic Area (BEA160). A search of the FCC ULS database WORLD SKIES is in the process of coordinating the use of the E040303 earth station for

With respect to terrestrial services in the 24 GHz band, SES WORLD SKIES

Systems Corporation, 24 FCC Rcd 2330 (IB 2009) at ¶ 90. In this case, SES WORLD SKIES's band will be fully protected. protect terrestrial licensees in the 17.7-17.8 GHz band. As a result, terrestrial operations in this IOT operations will not exceed the power flux density limits established by the Commission to harmful interference to lawful users of the band. See, e.g., Northrop Grumman Space & Mission the past granted waivers of the U.S. Table of Allocations where such waiver would not result in

purposes of the in-orbit testing of the SES-1 spacecraft. A waiver of the Commission's rules is unlikely to result for the reasons stated herein. is to protect 24 GHz licensees that are authorized to operate within an entire Economic Area warranted when a waiver would not undermine the purpose of the rule. See, e.g., PanAmSat circumstances, SES WORLD SKIES respectfully requests a temporary waiver of the rule for Band Order at ¶ 127. In this case, there is no such EA-wide licensee and harmful interference is from interference from earth stations transmitting in the 24.25-24.75 GHz band. See Reverse Licensee Corp., 17 FCC Rcd 10483, 10492 (Sat. Div. 2002). The purpose of the rule in question To the extent that the Commission concludes that 47 C.F.R. § 25.203(1) applies in these

Fibertower with advance notice of its proposed IOT and provide a 24/7 point of contact during To ensure Fibertower's DEMS operations are protected, SES WORLD SKIES will provide coordination trigger designed to protect 24 GHz Economic Area licensees (see Attachment 2). density at the nearest SMSA boundaries is calculated well below the -114 dBW/m²/MHz

event any harmful interference is caused by such operations operations on a non-harmful interference basis, and will cease transmissions promptly in the In addition, and in any event, SES WORLD SKIES will conduct all IOT and drift

and will cease transmissions in the event its operations causes any harmful interference into such potential for interference caused to its communications links from such radiolocation systems proposed IOT of the 17/24 GHz BSS payload on SES-1, SES WORLD SKIES will accept the band and on a secondary basis in the 17.3-17.7 GHz band. Federal Government radiolocation systems allocated on a primary basis in the 15.7-17.3 GHz radiolocation systems. Radiolocation and Radionavigation. SES WORLD SKIES notes that there are For the short duration of the

not aware of any radionavigation system operating in this band. not aware of any such radionavigation systems. Accordingly, SES WORLD SKIES does not radionavigation systems. In its 2007 Reverse Band Order, the Commission indicated that it was allocated on a co-primary basis to Federal government and non-Federal government SES WORLD SKIES also notes that a portion of the 24.75-25.25 GHz band is SES WORLD SKIES is also

¹⁰ See 47 C.F.R. § 25.203(1)

See Reverse Band Order at ¶¶ 129 et seq

¹² *Id.* at ¶ 116 n.361.

but will of course cease transmissions in the event that any harmful interference is caused anticipate that its proposed IOT operations could cause any harmful interference to such systems

advance of testing and after testing is completed. 13 to provide a 24/7 point-of-contact during IOT and to provide appropriate notification 24 hours in DIRECTV request for an STA to conduct in-orbit testing in the same frequency band - namely, WORLD SKIES will accept conditions similar to the one imposed on grant of a recent In addition, to facilitate coordination with Federal Government users, SES

subject to the following (or similar) conditions: SES-1 at 142.5° W.L., and to relocate the satellite to 101° W.L. once testing is completed Protective Conditions. SES WORLD SKIES seeks authority to position and test

- potentially affected operating satellite networks. (a) SES WORLD SKIES will coordinate its drift and test operations with all
- 142.5° W.L. and 101° W.L., only the TT&C payload of the SES-1 spacecraft will be operated ਭ During the drift of SES-1 to 142.5° W.L., and during the drift from
- notify the Commission in writing that it has received such a notification within 14 days of immediately upon notification of harmful interference. Further, SES WORLD SKIES shall network or radio communication system and SES WORLD SKIES operations will cease <u>ි</u> No harmful interference will be caused to any lawfully operating satellite
- satellite network or radio communication system. **a** SES WORLD SKIES will accept interference from any lawfully operating
- the 142.5° W.L. orbital location frequencies and the 17/24 GHz BSS frequencies (including the 17.7-17.8 GHz frequencies) at @ Testing authority is limited to the conventional C- and Ku-band
- space station within an east/west longitudinal station-keeping tolerance of +/-0.05 degrees of the W.L. orbital location \odot During in-orbit testing, SES WORLD SKIES shall maintain the SES-1
- orbit testing, and shall not include any provision of commercial services. Operations of the SES-1 space station at 142.5° W.L. are limited to in-

7

⁽granted Feb. 21, 2010). See DIRECTV Enterprises, LLC, Stamp Grant, File No. SAT-STA-20091202-01525

- Commission, circumstances require. its entirety at any time upon reasonable notice, but without hearing, if in the opinion of the **E** The authorization is subject to change in any of its terms or cancellation in
- launches SES-1, currently scheduled for April 24, 2010, and terminate 30 days from that date. The temporary authority will commence on the date SES WORLD SKIES
- maneuvers is Dave Westlund, (805) 217-4415, dave.westlund@ses.com. 9 The 24/7 point of contact for SES WORLD SKIES during IOT and drift
- jsandri@fibertower.com, and Angela Parsons, aparsons@fibertower.com) 24 hours prior to the beginning of IOT in the 17/24 GHz BSS and after IOT has been completed. S SES WORLD SKIES will notify Fibertower (Joe Sandri,
- operations and after IOT operations have been completed. Agency (robert.lando@pentagon.af.mil, 703-428-1513) 24 hours prior to the beginning of IOT \ominus SES WORLD SKIES will notify the Air Force Frequency Management
- assigned orbital location. seven days after it has completed testing of SES-1 and commenced the move of SES-1 to its (H SES WORLD SKIES shall notify the Commission in writing no later than

U.S.C. a denial of federal benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 § 862 SES WORLD SKIES hereby certifies that no party to this application is subject to

April 24, 2010, and requests expedited action on this application to accommodate that schedule. of services. As noted above, SES WORLD SKIES is preparing to launch SES-1 on or about spacecraft to occur without affecting services to customers and will permit a seamless transition completion of in-orbit testing. Grant of the requested authority will permit testing of the commencing upon the launch of SES-1, and to relocate the spacecraft to 101° W.L. following the temporary authority to position and test SES-1 at 142.5° W.L. for a period of up to 30 days, For the foregoing reasons, SES WORLD SKIES respectfully requests special

Respectfully submitted,

SES AMERICOM, INC.

By: /s/ Daniel C.H. Mah

Of Counsel
Karis A. Hastings

Hogan & Hartson L.L.P. 555 13th Street, N.W. Washington, D.C. 20004-1109

Tel: (202) 637-5600

Daniel C. H. Mah Regulatory Counsel SES Americom, Inc. Four Research Way Princeton, NJ 08540

Dated: April 7, 2010

ATTACHMENT 1

This attachment provides information in support of applications of SES

earth stations will be used for IOT and TTC&M functions: orbital location of 101° W.L. following completion of IOT. The following SES WORLD SKIES Monitoring ("TTC&M") to position SES-1 at 142.5° W.L. and drift the spacecraft to its assigned SES-1 spacecraft, call sign S2807 at 142.5° W.L.; and (2) Tracking, Telemetry, Command, and special temporary authority in connection with: (1) the proposed in-orbit testing ("IOT") of the Americom, Inc. (doing business as "SES WORLD SKIES") for space station and earth station

12199.0 MHz			
elemetry:	to 101° W.L. after IOT		
Command: 14499.0 MHz	SES-1 from 142.5° W.L.		
Ku-band TTC&M	Primary TTC&M to drift	Woodbine, MD	E920698
12199.0 MHz		WI	T00000
Beacons/Telemetry: 11701.0 MHz	W.L. to 101° W.L.		
Command: 14499.0 MHz	during drift from 142.5°		,
Ku-band TTC&M	Secondary TTC&M		
11.7-12.2 GHz; 14.0-14.5 GHz	W.L.		
Ku-band IOT	Ku-band IOT at 142.5°	Somis, CA	NA200
3700-4200 MHz; 5925-6425 MHz	W.L.	2	000 V Z
C-band IOT	C-band IOT at 142.5°	Somis, CA	704/
17.3-17.8 GHz; 24.75-24.25 GHz	142.5° W.L.		VD77
17/24 GHz BSS IOT	1 1/24 GHz BSS IOT at	Somis, CA	1000000
4199.5 MHz		2001	E040202
Beacons/Telemetry: 3700.5 MHz	at 142.5° W.L.		
Command: 6423.5 MHz	drift and maintain SES-1	П	
C-band TTC&M	Secondary TTC&M to	Sunset Beach,	EUSUUGU
4199.5 MHz		2 1	Enganca
Beacons/Telemetry: 3700.5 MHz	142.5° W.L.		
Command: 6423.5 MHz	and maintain SES-1 at		
C-band TTC&M	Primary TTC&M to drift	Woodbine, MD	E/109
Frequencies	Function	Location	Can Sign
		T	Call Ci

transponders and antenna patterns and will utilize in some cases saturating CW carriers in the IOT of SES-1 will involve verifying the performance characteristics of the

respective licenses performance of the IOT will not exceed the maximum output EIRP density specified in their response, polarization isolation, and attenuator checks. The earth stations utilized for the characteristics; antenna mapping; and EIRP and SFD, amplitude linearity, group delay amplitude following tests: conventional C-band, Ku-band and 17/24 GHz BSS frequencies. satellite power amplifier transfer characteristics; satellite transponder The IOT will include the

establish the operational point of the transponder amplifiers to verify the performance of the satellite in the linear and non-linear region and to precisely of CW carriers for short periods of time (less than 5 minutes). These test procedures are required values in the SES-1 Application, as amended, except for those tests that require the transmission The maximum satellite transmit power during IOT will be consistent with the

SES-1 TTC&M and the IOT procedures will result in the following: With respect to the PFD limits on the earth's surface, the nominal operation of the

- Application operational PFD values of the SES-1 C-band transponders as presented in the SES-1 operations will be -166 dBW/m2/4 kHz, at all elevation angles, which is less than the Section 25.208(a) of the Commission's rules. Satellite TTC&M operations in the C-band frequency bands will not exceed the PFD limit of -152 dBW/m 2 /4 kHz (at the 5 degree elevation angle) specified in The PFD levels for the nominal TTC&M
- surface in Section 25.208(a). However, the test duration is very short (in the order of 2 to The use of a CW carrier during C-band IOT will result in satellite emissions in the 3700 -4200 MHz frequency band that exceed the Commission's PFD limits on the earth's

- transmissions in the event of harmful interference. minutes, and certainly less than 5 minutes). SES WORLD SKIES will cease
- the closest operational system is DIRECTV RB-2A located forty degrees away at minutes). There should be no impact on other operational 17/24 GHz BSS systems since 102.765° W.L. duration will be very short (in the order of 2 to 3 minutes, and certainly less than 5 SES-1 Amendment Technical Appendix at 8, section 7, table 4. In any event, the test the earth's surface in Section 25.208(w). The resulting PFD values are shown in the the 17.3-17.7 GHz frequency band that will not exceed the Commission's PFD limits on The use of a CW carrier during 17/24 GHz BSS IOT will result in satellite emissions in
- 3 minutes, and certainly less than 5 minutes). The resulting PFD values are shown in the SES-1 Amendment Technical Appendix at 8, section 7, table 4. Commission's rules. -115dBW/m²/MHz at the earth's surface specified in Section 25.208(c) of the the 17.7-17.8 GHz frequency band that will not exceed the PFD limit of The use of a CW carrier during 17/24 GHz BSS IOT will result in satellite emissions in In any event, the test duration will be very short (in the order of 2 to

interference resulting from the IOT operations SES WORLD SKIES will terminate transmissions immediately upon notification of harmful