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October 21, 2016

***By Electronic Filing***

Ms. Marlene H. Dortch  
Secretary  
Federal Communications Commission  
445 12th Street, S.W.  
Washington, D.C. 20554

**Re: SES DTH do Brasil Ltda Petition for U.S. Market Access for SES-14  
File No. SAT-PPL-20160918-00093 (Call Sign S2974)**

Dear Ms. Dortch:

SES DTH do Brasil Ltda ("SES DTH Brasil," doing business as "SES"), by its attorney and pursuant to Section 1.65 of the Commission's rules, hereby updates the record regarding the above-referenced petition for U.S. market access for the SES-14 satellite (the "SES-14 Petition") in order to respond to questions from Commission staff members.

17.3-17.8 GHz spectrum: SES confirms that it is seeking U.S. market access to use the 17.3-17.8 GHz band for gateway uplinks. See SES-14 Petition, Legal Narrative at 2, 3. Certain SES-14 beams will use the 17.3-18.05 GHz band outside the U.S. for gateways in Western Europe. See *id.* at 2 n.2. SES is not seeking U.S. market access for the beams that use this broader spectrum range.

Maximum saturation flux density: Attached to this letter is a table with a column that provides the maximum saturation flux density values for the receive beams listed in item S7 of the Schedule S that was submitted with SES-14 Petition.

Tracking, telemetry, and command: SES does not plan to use U.S. earth stations for TT&C, so it does not require U.S. market access for TT&C operations. Instead, TT&C will be performed from earth stations in Brazil and Luxembourg using Ku-band spectrum. See SES-14 Petition, Technical Appendix at 2-3.

Erroneous carriers in item S9: Item S9 of the Schedule S that was submitted with the SES-14 Petition contains three space station carriers that should not have been included: TMC01, a TT&C carrier at 4198 MHz; TMKA1, a Ka band TM carrier at 20199 MHz; and GLD01, a carrier at 11675 MHz that is part of the SES-14 GOLD payload for which SES will be seeking authority at a later date. SES attempted to delete these carriers from the Schedule S prior to submitting the SES-14 Petition, but was unable to do so.

SES requests that the Commission update its records regarding the SES-14 Petition to take these changes into account. Please address any questions regarding this matter to the undersigned.

Respectfully submitted,

*/s/ Karis A. Hastings*

Karis A. Hastings

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Attachment

cc: Alyssa Roberts  
Sylvia Lam

Attachment 1: SES-14 Maximum Saturation Flux Density (SFD) Values

<b>S7(a): Beam ID</b>	<b>S7(p): Min. SFD (dBW/m<sup>2</sup>)</b>	<b>Max. SFD (dBW/m<sup>2</sup>)</b>
EAUL	-101.2	-76.2
EAUR	-101.2	-76.2
GUL	-97.3	-72.3
GUR	-97.3	-72.3
BUH	-105.4	-80.4
BUV	-105.4	-80.4
BSUH	-102	-77
BSUV	-102	-77
VUH	-102.2	-77.2
VUV	-102.2	-77.2
UUV	-102.7	-77.7
AUV	-107.4	-82.4
TCOL	-80	-60
TCOR	-80	-60
TCHH	-90	-60
TCHV	-90	-60
UBUH	-116.5	-91.5
UBUV	-115.2	-90.2
M12UV	-111.5	-86.5
M3UV	-112.5	-87.5
M6UH	-109.1	-84.1
M6UV	-106.3	-81.3
M6BUH	-110.8	-85.8
M3UH	-112.6	-87.6