

EXHIBIT 1
REQUEST FOR SPECIAL TEMPORARY AUTHORITY

DIRECTV Enterprises, LLC (“DIRECTV”) respectfully requests a grant of earth station special temporary authority (“STA”)¹ for 30 days commencing March 28, 2017 to operate its Castle Rock, Colorado earth station (Call Sign E070027) to support in-orbit testing (“IOT”) of the SKY-B1 satellite (Call Sign S2922) in Ka-band frequencies at 43.15° W.L.²

SKY-B1 successfully launched on February 14, 2017 and began conducting IOT at 33° W.L. on March 1 pursuant to a grant of space station special temporary authority.³ IOT of the satellite at 33° W.L. is expected to last until approximately March 18, 2017, and the drift to 43.15° W.L. is expected to last approximately 10 days. Due to challenges coordinating with potentially affected Ka-band operators, DIRECTV now plans to conduct IOT of the Ka-band frequencies once the satellite arrives at 43.15° W.L. rather than at the satellite’s temporary location of 33° W.L. as previously contemplated.⁴ The SKY-B1 satellite is expected to arrive at 43.15° W.L. on March 28, 2017, and IOT in the Ka-band frequencies is expected to last approximately four hours.

¹ DIRECTV has filed this STA request, an FCC Form 159, and a \$200.00 filing fee electronically via the International Bureau’s Filing System.

² DIRECTV has a pending request to modify the SKY-B1 fixed-satellite space station license to relocate the satellite from its authorized location at 43.1° W.L. to 43.15° W.L. See File No. SAT-MOD-20170221-00019. See also *Policy Branch Information; Actions Taken*, Report No. SAT-01158, File No. SAT-AMD-20150806-00054 (May 13, 2016) (Public Notice). This request for earth station special temporary authority to support the in-orbit testing of the 19.7-20.2 GHz (space-to-Earth) and 29.5-30.0 GHz (Earth-to-space) frequencies at 43.15° W.L. is not a request for any grant of market access to the United States in these frequencies. Operations in the Ka-band frequencies will be subject to the authority of the Telecommunications Regulatory Authority of the United Arab Emirates. See *DIRECTV Enterprises, LLC, Attachment to Grant*, File Nos. SAT-RPL-20140221-00026 and SAT-AMD-20150806-00054 (May 11, 2016).

³ See *Policy Branch Information; Actions Taken*, Report No. SAT-01214, File No. SAT-STA-20170123-00008 (Feb. 3, 2017) (Public Notice).

⁴ See *id.*

DIRECTV separately and simultaneously is requesting space station special temporary authority to drift the SKY-B1 satellite from its temporary location at 33° W.L. to its requested permanent location of 43.15° W.L. and to conduct IOT of the satellite in Ka-band frequencies at 43.15° W.L.

The range of earth station frequencies requested to support IOT of the SKY-B1 satellite at 43.15° W.L. are the following:

- 19.7-20.2 GHz (space-to-Earth); and
- 29.5-30.0 GHz (Earth-to-space).

The 24/7 emergency contact information is as follows: Tom Loots at (720) 733-7292 or Gary Angelastro at (310) 266-2302.

Grant of this earth station STA request is in the public interest because it will facilitate IOT of SKY-B1's payloads at 43.15° W.L., a critical step in ensuring that the satellite will be fully operational. Accordingly, DIRECTV respectfully requests that the Commission grant this request.