

Applicant: TF1 SA
Call Sign: None
File No: SES-STA-20201015-01127
Special Temporary Authority

TF1 SA is granted Special Temporary Authority to operate for 30 days a Transmit-Only Temporary-Fixed earth station at geographic coordinates 38° 53' 1.20"N/ 077° 01' 10.9"W, Washington, D.C., commencing on October 28, 2020, on Ku-band frequency 14326.5 MHz (Earth-to-space) with SES-4 (Call Sign S2828) at orbital location 22° W under the following conditions:

1. Operations with the proposed one meter antenna model TP100KuPS shall comply with Earth station antenna performance standards, 47 C.F.R. §25.209, and digital transmissions in the GSO FSS, §25.212(c)(2).
2. Operations shall use the 9M00G7W emission designator with total maximum eirp of 55.63 dBW and maximum eirp density of 22.11 dBW/4kHz.
3. Minimum antenna elevation at least 5 degrees above the geographic horizon.
4. TF1 SA shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating station and it shall cease transmission(s) immediately upon notice of such interference.
5. In the event that there is a report of interference, TF1 SA must immediately terminate transmissions and notify the FCC in writing.
6. The licensee shall take all necessary measures to ensure that the antenna does not create potential exposure of humans to radiofrequency radiation in excess of the FCC exposure limits defined in 47 CFR 1.1307(b) and 1.1310 wherever such exposures might occur. Measures must be taken to ensure compliance with limits for both occupational/controlled exposure and for general population/uncontrolled exposure, as defined in these rule sections. Compliance can be accomplished in most cases by appropriate restrictions such as fencing. Requirements for restrictions can be determined by predictions based on calculations, modeling or by field measurements. The FCC's OET Bulletin 65 (available on-line at www.fcc.gov/oet/rfsafety) provides information on predicting exposure levels and on methods for ensuring compliance, including the use of warning and alerting signs and protective equipment for workers.
7. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at TF1 SA.

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.