

Applicant: EchoStar BSS Corporation  
Call Sign: E170094  
File No.: SES-STA-20210929-01669  
Special Temporary Authority ("STA")

EchoStar BSS Corporation is granted STA for 60 days, beginning Nov 9, 2021, to operate its fixed earth station located at geographical coordinates 38°43'23"N / 78°39'57"W in Quicksburg VA in geosynchronous orbit ("GSO") with satellite EchoStar 23 on frequency bands: 17300 - 17310 MHz and 17791 MHz (Earth-to-space), 12200 - 12210 MHz (space-to-Earth) under the following conditions:

1. Operations will not exceed the operational power limits and parameters requested and coordinated.
2. All operations under this grant of STA shall be on an unprotected, non-harmful interference basis. EchoStar BSS Corporation shall not cause harmful interference to and shall not claim protection from interference caused to it by, any other lawfully operating radio communication system.
3. In the event of any harmful interference EchoStar BSS Corporation shall cease operations immediately upon notification of such interference, and shall immediately inform the Commission, in writing, of such an event.
4. 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. The FCC's OET Bulletin 65 (available on-line at [www.fcc.gov/oet/rfsafety](http://www.fcc.gov/oet/rfsafety)) provides information on predicting exposure levels and on methods for ensuring compliance, including the use of warning and alert signs and protective equipment for workers.
5. Any action taken, or expense incurred as a result of operations pursuant to this STA is solely at EchoStar BSS Corporation's risk.
6. Operations since the expiration of the previous STA and Nov 9, 2021 were authorized as continuing operations under Section 1.62.

This grant is issued pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 CFR § 0.261, and is effective upon release. This special temporary authority was authorized pursuant to Section 1.62 of the Commission's rules, 47 CFR § 1.62.