

Application for Special Temporary Authority  
Streaming Global  
File No. 0846-EX-ST-2021

## NARRATIVE EXPLANATION OF OPERATION AND FREQUENCY COORDINATION

The applicant, Streaming Global, is a technology company that provides high-quality, low-latency live and OTT video delivery and data stream technology, based in Alpharetta, Georgia. It is engaged, with private-sector partners and various segments of the Department of Defense (DoD), in planned demonstrations and proof-of-concept testing at various military facilities throughout the United States using spectrum allocated to the United States Government. Regulatory approvals for these tests, when they occur, will be handled by various branches of the military and by DoD, through NTIA, as will necessary frequency assignments.

However, in preparation for the demonstrations and tests to be conducted, pre-integration, Streaming Global wishes to test hardware it has obtained for integration in the systems under test, for very brief periods, from time to time during the next six months, in a geographic area surrounding the corporate headquarters of Streaming Global in Alpharetta, Georgia, near Atlanta, Georgia.

The testing pursuant to this STA in Georgia will be done terrestrially only, using two models of Silvus Streamcaster MIMO radios, transmitting 20M0D7W emissions, with very low duty cycles and at very low power spectral density. The radios transmit at 4 and 8 watts TPO and ERP in the bands 1370-1440 MHz, 2200-2290 MHz and 2390-2420 MHz.

Operation is proposed to be centered at the applicant's corporate headquarters located at 6 Main Street, Alpharetta, Georgia 30009 and within a radius of 25 miles of that centerpoint.

The "Stop Buzzer" contact for this test will be Mr. Craig Murphy, the Vice President for Product at Streaming Global. His mobile number is 770-633-1051.

The purpose of this STA is limited to preliminary testing of hardware, preparatory to future demonstrations of products which would be deployed only by branches of the United States Military. Those future demonstrations will not occur in the area in which this STA operation is located, but will occur instead only on military base facilities arranged by the Department of Defense.

Should any report of interference be received, all testing will cease immediately, and the devices will not be operated at all unless and until the interference has been resolved to the reasonable satisfaction of the complainant. It is understood that some of the bands in which this preliminary testing will occur is spectrum allocated to the United States government. The applicant has no expectation that any regular operation by the applicant will be possible in any of the subject bands, and no need for such.

Should any question arise concerning this proposed STA, kindly contact the undersigned counsel.

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