

Aerial Video Systems  
Application for Special Temporary Authority  
File Number 2233-EX-ST-2019  
January 23 through February 3, 2020

### **Narrative Explanation of Operation**

Aerial Video Systems (AVS) is a video production company which is engaged in video and audio production for televised special events, including sporting events and entertainment events. AVS has been retained to provide its services for a televised video production in advance of and during the National Football League Super Bowl®. This video production event is being held indoors in the Hard Rock Stadium in Miami, Florida (at coordinates 25-57-29 North, 80-14-20 West). AVS is a licensee in the Local Television Transmission Service and holds other licenses but the frequency bands authorized by those licenses do not permit sufficient bandwidth for video production given the location of this event during the period January 23 through February 3, 2020

AVS intends to use six RF cameras using a maximum of 250 milliwatts of transmitter power (and not more than 1W ERP) into an omnidirectional antenna using a 10M0FXW emission on four discrete channels in this band, indoors only, in the band 3300-3400 MHz.

Video production will be terrestrial only, within the confines of the Hard Rock Stadium which has a high degree of signal attenuation. All operation within the stadium will be at the direction of the NFL's Frequency Coordinators, which will ensure against any interference to any other users of the same or adjacent bands at all times during any STA operation by AVS. AVS will protect any and all NFL spectrum use prior to or during the events, and should any interference arise, all AVS operation in this band will cease until resolved to the full satisfaction of the victim of the interference and the NFL on-site frequency coordinators.

The Stop Buzzer contact on site will be Mr. Argyle Nelson, whose cell phone number is 818-954-8842.

Any other inquiries can be addressed to counsel for the applicant as follows:

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