

Aerial Video Systems
Application for Special Temporary Authority
File Number 1337-EX-ST-2021
September 13, 2021 through January 3, 2022

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 televised video production in advance of and during the National Football League's Monday Night Football games at seventeen different, very short term venues (each on a single evening) inside NFL Stadiums. AVS is a licensee in the Local Television Transmission Service and holds other licenses enabling video production, but the frequency bands authorized by those licenses are in high demand during these nationally televised sporting events, and if they are available at all, they do not permit sufficient bandwidth for video production at these events necessary for the task.

AVS intends to use up to six RF cameras at each venue, each 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 football stadiums, each of which has a very high degree of signal attenuation outside the stadium walls. All operation within each stadium will be at the direction of the NFL's Event 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 and during the events, including any CBRS operation by the NFL, 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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