

Aerial Video Systems
Application for Special Temporary Authority
File Number 25-EX-ST-2023

Narrative Explanation of Operation

Aerial Video Systems (AVS), a subsidiary of NEP Broadcast Services, is a video production company which is engaged in video and audio production for television shows, sporting events and entertainment events. AVS has been contracted for video production work involving short-range RF cameras inside of the Crypto Arena located at 1111 South Figueroa Street, Los Angeles, CA during the brief period January 30 through February 4, 2024 in connection with the 66th Annual Grammy Awards Ceremony. All video production events during this period will be inside the Crypto Arena with at least 40 dB of signal attenuation at all points outside the Arena, at coordinates 34-02-35 North, 118-16-02 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 multiple video bandwidth channels in normal BAS bands.

The filming for the television production is periodic throughout the period specified in this application. AVS intends to use at this single production venue five RF cameras using a maximum of 100 milliwatts of transmitter power (and not more than 250 mW ERP) into an omnidirectional antenna using a 10M0FXW or 10M0D7W emission on five discrete channels in the band 2200-2290 MHz, *indoors only*. *AVS has no long term interest in this band*. It is developing equipment that could be used in the General Access portion of the CBRs band at 3650-3700 MHz but that equipment is not now ready for deployment in accordance with Part 96 rules.

Video production will be terrestrial only, within the confines of the event venue, which has a high degree of signal attenuation. All operation will be under the direct control of Craig Hopkins of AVS, who 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 United States Government spectrum use prior to or during the event, and should any interference arise, all AVS operation in this band will cease until resolved to the full satisfaction of the complainant.

The Stop Buzzer contact on site will be Mr. Craig Hopkins, whose cell phone number is 818-970-2858.

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

Christopher D. Imlay
Booth, Freret & Imlay, LLC
14356 Cape May Road
Silver Spring, Maryland 20904-6011
(301) 351-3795 mobile
(301) 384-5525 office
chris@imlaylaw.com