

Aerial Video Systems
Application for Special Temporary Authority
File Number 1872-EX-ST-2024

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 television production work involving short-range RF cameras inside of SoFi Center at Palm Beach State College, Palm Beach Gardens, Florida during the period November 11, 2024 through April 1, 2025 in order to produce the TMRW Sports Show during the inaugural season of TGL Golf. All video production events during this period will be inside the SoFi Center, at coordinates 26-50-40.8 North, 80-04-31.7 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 in this ENG market, and given the number of RF cameras needed for this indoor video production activity during the period.

The filming for the television production is sporadic during the period specified in this application. AVS intends to use at this indoor 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 10M0FXW or 10M0D7W emissions, *indoors only*, in the band 3350-3450 MHz. The band will be used for RF video return paths. *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 very high degree of signal attenuation. All operation will be under the direct control of Trevor DeEll 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. Trevor DeEll of AVS, whose phone number is 818-565-4271. Any other inquiries can be addressed to counsel for the applicant as follows:

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