

Aerial Video Systems
Application for Special Temporary Authority
File Number 0396-EX-ST-2022
July 5 through July 25, 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 a televised video production of the World Athletics Championships event which will occur during the period July 5 through 25, 2022. This major international video production event, featuring the best track and field athletes in the world, is being held on the campus of the University of Oregon in the near vicinity of Hayward Field in Eugene, Oregon (centered at coordinates 44-02-31 North, 123-04-15 West). The events during the period include track and field events at Hayward Field and a marathon adjacent to Autzen Stadium. Both venues are part of the University of Oregon campus.

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.

AVS intends to use ten RF cameras, each using a maximum of 250 milliwatts of transmitter power or less (and not more than 250 mW ERP) into an omnidirectional antenna using either a 10M0D7W or 10M0FXW emission on ten discrete channels in the band 2180-2290 MHz, and twelve RF cameras, each as well using a maximum of 250 milliwatts of transmitter power or less (and not more than 250 mW ERP) into an omnidirectional antenna using either a 10M0D7W or 10M0FXW emission in the band 3300-3450 MHz. *This is a one-time request* with respect to the 2180-2290 MHz band, and is necessitated by the virtual absence of alternative available video-bandwidth channels for this major, international sporting event.

Video production will be terrestrial only, within the confines of the campus. AVS will ensure against any interference to any other users of the same or adjacent bands at all times during any STA operation. AVS will protect any and all Federal government 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.

The Stop Buzzer contact on site will be Mr. Argyle Nelson, AVS General Manager, 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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