

Aerial Video Systems
Application for Special Temporary Authority
File Number 1623-EX-ST-2022
October 18 through 26, 2022
National League Baseball Championship Series
And World Series Video Production

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 during the Major League Baseball National League Championship Series and the World Series of Baseball, which will occur between October 18 and 26 of this year. These video production events will occur entirely within baseball stadiums at Citi Field, Dodger Stadium, Busch Stadium, Atlanta/Fulton County Stadium, Minute Maid Park, Yankee Stadium, Petco Park and PNC Park. There will be three RF cameras at each event, each mounted at ground level.

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 these large scale events during the period. This application requests the use of a total of 30 megahertz of spectrum within the band 2180-2290 MHz for this event. Each RF camera will use its own, 10 MHz occupied bandwidth channel within this frequency range at each venue.

AVS intends to use three RF cameras, each using a maximum of 250 milliwatts of transmitter power (and not more than 250 mW ERP) into an omnidirectional antenna using either a 10M0D7W emission on three discrete channels in this band, within the Stadium only. This is a one-time request and is necessitated by the virtual absence of other available video-bandwidth channels for these major events. In each case, the very low power spectral density due to the low ERP spread over a 10 megahertz bandwidth, and given the substantial RF attenuation from the walls of the stadiums and the ground level use of the cameras, it is believed that the interference potential to any government entity using this band will be negligible or non-existent.

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, 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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