

Application for Grant of Special Temporary Authority
National Football League
File No. 0854-EX-ST-2018

This application proposes the use of two, 20 megahertz-wide channels at each of the NFL Team Stadiums in the United States for purposes of proof-of-concept and interference testing of a new broadband communications system now under development, to operate ultimately in the FCC Part 96 Citizen's Broadband Service (CBRS). The intention of the applicant is to ultimately replace the UHF-based communications systems now in place in NFL stadiums which enable coaches to communicate with other coaches and for coaches to communicate with players during televised NFL games. Ultimately, when fully developed and tested, it is anticipated that this communications system would operate in the Part 96 CBRS either as a Priority Access or a General Access use.

The system under development will, for the purpose of this STA, utilize two contiguous channels, 3655-3675 MHz and 3675-3695 MHz. The emission would be OFDM (i.e. 20M0D7W) at 250 milliwatts (or less) Effective Radiated Power per transmitter. There are anticipated to be required 80 transmitters per stadium. All transmitters would be operated entirely within the NFL stadiums and therefore will have the benefit of a high degree of attenuation from the stadium structures. Interference testing will occur at each test venue.

Testing of this system will begin immediately upon grant of this STA request. Should any authorized user of this spectrum suffer interference, all testing of the system will cease and not resume unless and until all such interference has been resolved to the reasonable satisfaction of the complainant(s).

A stop-buzzer contact for all NFL operations pursuant to this STA will be Mr. John Cave, who can be reached at 917-359-4531. Also, undersigned counsel for the applicant can be used as an additional stop-buzzer contact at 301-351-3795.

All other questions should be directed to counsel for the applicant:

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