

**NATIONAL FOOTBALL LEAGUE**  
**Super Bowl and related events, January 10 through February 12, 2012**  
**Special Temporary Authorization Request**

This STA request will facilitate the operation of the NFL Super Bowl ® at and near Lucas Oil Stadium in Indianapolis, Indiana and the operations and logistics of arrangements before and briefly after this extremely large scale sporting event. This year, the Super Bowl will occur on February 5, 2012. This year, it is necessary to start the STA operations well in advance of the Super Bowl event on February 5, because the uses of the frequencies sought by this STA include security and operational communications used in converting the regular football stadium venue into the Super Bowl venue: work that begins on or about January 10, 2012.

The STA proposes the use of television broadcast channels 18 (494-500 MHz) and 20 (506-512 MHz) except for guard band segments of 250 kHz at the low and high ends of each channel to protect adjacent-channel broadcast television operation in the Indianapolis metro area. The location of the major events associated with the Super Bowl are all well within a 20-mile radius of Lucas Oil Stadium in Indianapolis, Indiana:

Lucas Oil Stadium, where the game will be played: 32-44-51N, 097-05-33W  
Press and related events:

Similar STA grants have been made by the Commission in past years (See, e.g. WB9XOU, file numbers 0496-EX-ST-2003 and 0002-EX-ST-2005; WC9XUY, file number 0901-EX-ST-2006; WD9XBT, file number 0510-EX-ST-2007; WD9XQM, file numbers 0602-EX-ST-2008, and 0524-EX-ST-2009; and WE9XQR, file number 0602-EX-ST-2010).

All operation will be coordinated in advance, as are all radio frequency operations in and around these events, by the frequency coordinators of the Society of Broadcast Engineers in the Indianapolis broadcast market, and by the Game Day Frequency Coordination program of the National Football League.

A search of the Commission's Media Bureau Database by Engineer Karl Voss (corroborated by a Spectrum Analyzer investigation on-site) shows that there are no television, land mobile or other licensees authorized to use television channels 18 or 20 within a 195 km radius of the standard coordinates for the Lucas Oil Stadium, Indianapolis, IN (39-45-39N, 086-09-53W) with the following exceptions: The Commission's database shows a licensed low power television channel 18, WHFE-LP located 128 km from the stadium. Engineering calculations show that operations proposed in this STA will create no interference with reception of WHFE-LP within the service area of that station. There is an outstanding construction permit on channel 20 (WHMB-TV, Indianapolis), but the NFL is told that this facility will not be operational during the period of the STA. If that proves incorrect, all NFL STA operations on that channel will stop immediately and not resume. It is therefore believed that operation

pursuant to this STA will not cause interference to over-the-air television viewers on Channels 18 or 20.

The instant STA application specifies a maximum of 250 units to be deployed, but the number will likely be less than 250. That maximum number of units was granted by the Commission in previous years for the Super Bowl.

The active participation at the event by the NFL Frequency Organization Group, headed by Mr. Ralph Beaver, has avoided RF interference complaints at the past 14 Super Bowls through active, advance and real-time, on-site frequency coordination. The participation of the SBE frequency coordinator for the Indianapolis broadcast market will insure that there is no interference in the Indianapolis broadcast market at this upcoming event. Any interference that cannot be immediately resolved will result in cessation of operation of the affected mobile operations on site.

Mr. Beaver's contact information on-site is 813-376-1313. Otherwise, any information can be obtained from counsel for the applicant:

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