

NATIONAL FOOTBALL LEAGUE
Super Bowl and related events, January 23 through February 7, 2011
Special Temporary Authorization Request

This STA request will facilitate the operation of the NFL Super Bowl ® at and near Cowboy's Stadium in Arlington, Texas and the operations and logistics of arrangements before and after this extremely large scale sporting event. This year, the Super Bowl will occur on February 6, 2011.

The STA proposes the use of television broadcast channels 15 (476-482 MHz) and 17 (488-494 MHz) except for guard band segments of 250 kHz at the low end of channel 15 and the high end of Channel 17 to protect adjacent-channel broadcast television operation in the Dallas-Fort Worth metro area. The locations of the major events associated with the Super Bowl are as follows. They are all well within a 30-mile radius of Cowboys Stadium in Arlington, Texas:

Cowboys Stadium, where the game will be played: 32-44-51N, 097-05-33W

Press and related events:

Sheraton Dallas (Media Center) 32-47-03N, 096-47-39W

Omni, Fort Worth (AFC Hotel), 32-44-55N, 097-19-43W

Omni Mandalay Hotel Las Colinas (NFC Hotel) 32-51-59N, 096-55-16W

Texas Christian University (AFC Practice Field) 32-42-32N, 097-22-01W

Dallas Cowboys Practice Field (NFC Practice Field) 32-56-27N, 096-56-52W

Dallas Convention Center (NFL Experience) 32-46-28N, 096-48-04W

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 and WD9XQM, file numbers 0602-EX-ST-2008 and 0524-EX-ST-2009).

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 Dallas-Fort Worth broadcast market, and by the Game Day 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 15 or 17 within a 195 km radius of the standard coordinates for the Cowboys Stadium, Arlington, Texas (32-44-51N, 097-05-33W) with the following exceptions. The Commission's database shows an unbuilt construction permit for television channel 15 located 90 miles (145 km) from the Cowboys stadium at Ardmore, Oklahoma, and there are two licensed translators on Channel 17, one located 117 miles (188 km) from Cowboys Stadium and the other located 110 miles (177 km) from Cowboys Stadium. It is believed that no operation pursuant to this STA will cause interference to television viewers on Channels 15 or 17. In this case, television channel 16 is used for land mobile radio, and there are

digital television stations on Channel 14 [located 14 miles (23 km) from Cowboys Stadium] and Channel 18 [located 16 miles (26 km) from Cowboys Stadium]. This necessitates the “guard band” intended for STA operations on Channels 15 and 17 pursuant to the requested STA.

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. Jay Gerber, has avoided RF interference complaints at the past 13 Super Bowls through active, advance and real-time, on-site frequency coordination. The participation of the SBE frequency coordinator for the Dallas-Fort Worth, Texas broadcast market will insure that there is no interference in the Dallas-Fort Worth 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. Gerber’s contact information on-site is by cellphone at 215-805-3801. Otherwise, any information can be obtained from counsel for the applicant:

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