

NATIONAL FOOTBALL LEAGUE
Super Bowl XLVII and related events, January 20 through February 3, 2014
Within 20 km of MetLife Stadium, East Rutherford, NJ
Special Temporary Authorization Request

This STA request will facilitate the operation of the NFL Super Bowl® at and near the MetLife Stadium in East Rutherford, New Jersey 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 2, 2013. It is necessary to start the STA operations well in advance of the Super Bowl event on January 20, 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 20, 2013.

The STA proposes the use of television broadcast channel 20 (506-512 MHz). Also requested, and to be used pursuant to the attached written permission of Verizon Wireless, the licensee of the A Block, Lower 700 MHz channels are the bands 698-704 MHz and 728-734 MHz. The location of the major events associated with the Super Bowl are all well within a 20-kilometer radius of MetLife Stadium. The coordinates of the MetLife Stadium, where the game will be played, are as follows: 40-48-48N, 074-04-28W. Coordinates of New York City, where Super Bowl ancillary events will be held, is 40-42-15N, 73-55-04W, or 17.9 kilometers away from the stadium.

With respect to the use of television broadcast channel 20, an engineering study conducted by Engineer Karl Voss shows that there are no television, land mobile or other licensees authorized to use television channel 20 within a 25.5-mile radius of the standard coordinates for the MetLife Stadium. In New York, the Commission's database shows a licensed low power television station, W20CQ-D in Hempstead, NY which is 41 km (25.5 miles) away. Also on channel 20, W20CM in Port Jervis, NY is located 79 km (49 miles) from the Stadium. Engineering calculations show that operations proposed in this STA will create no interference with reception of either station within their service areas. It is therefore believed that operation pursuant to this STA will not cause interference to over-the-air television viewers on Channel 20.

Similar STA grants have regularly and consistently 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 numbers 0602-EX-ST-2010 and 0795-EX-ST-2011).

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 New York broadcast market, and on site by the NFL Frequency Organization Group of the National Football League.

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 16 Super Bowls through active, advance and real-time, on-site frequency coordination. The participation of the SBE frequency coordinator for the New Orleans broadcast market will insure that there is no interference in that 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 will act as the "Stop Buzzer" contact on site. His information on-site is 813-376-1313. Otherwise, any information can be obtained from counsel for the applicant:

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