

Frequency Coordination

The Arizona Frequency Coordination Committee (AFCC) is affiliated with the Society Of Broadcast Engineers (SBE) and acts as the Part 74 Frequency Coordinator for the State of Arizona. The AFCC has been asked to formally Frequency Coordinate RF operations at the Tostito's Fiesta Bowl and events associated with the Fiesta Bowl in Tempe, AZ.

As the Part 74 frequency coordinator for the proposed area of operation, the AFCC has a record of all broadcast users that have wireless devices in the TV channels we proposed to operate in. All temporary transmitters will be kept a minimum of 200 KHz from any known Part 74 operations. Itinerant Part 74 users will also coordinate through the AFCC and therefore will be protected through the same process.

Frequency Selection

TV channels 16 and 18 were selected for this event for the following reasons:

1. Per a query from the Mass Media Bureaus Web page on 12/20/02, the only entry shown on TV 16 is a construction permit for a low-power TV station (K16FB) in Globe, AZ. This station will be located 107.21 KM (66 miles) from the stadium and the city that will be served by this LPTV station, Globe, AZ, is terrain shielded from Sun Devil Stadium.
2. Per the same query, there is no listing of any users on TV 18 within 113 KM radius of Sun Devil Stadium.

The following adjacent channel TV operations are active in the Phoenix area:

- TV-15 is KNXV-TV; a full power station 17 KM (11 Mi) from the stadium
- TV-17 is KPHO-DT; a full power DTV station 17 KM (11 Mi) away
- TV-19 is KPHE-LP, a LPTV station 26 KM (16 Mi) away.

We will protect the operations of these stations by leaving a 500 KHz guard band from the band edge of the above stations.

Interference Control and Reporting

Interference can be reported to the AFCC through the use of the AFCC listserver, through the existing "hot-line" phones at each station's ENG control point and through the existing AFCC Frequency Coordination hotline (602-261-6191). Any interference complaints left on the AFCC hotline activate a pager worn by Karl Voss, the Chairman of the AFCC and can be dealt with immediately. The Fiesta Bowl will publish this number in the packet of information given to all media users.