

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 frequency coordinate RF operations at the Phoenix Open Golf event being held at the Tournament Players Club in Scottsdale, AZ.

As the Part 74 frequency coordinator for the proposed area of operation, the AFCC has a record of all local broadcast users that have wireless devices in the TV channels we propose to operate in. All temporary transmitters will be kept a minimum of 200 KHz from any known Part 74 operations. Itinerant Part 74 users are also supposed to 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 Bureau Web page on 12/20/02, the only entry shown on TV 16 is a construction permit for a low-power TV station (K61FB) in Globe, AZ. This station will be located 107.21 KM (66 miles) from the golf course and the city served by this LPTV station, Globe, AZ is terrain shielded from the Tournament Players Golf Course (TPC).
2. Per the same query, there is no listing of any users on TV-18 within a 113 KM radius of the TPC.

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

- TV-15 is KNXV-TV; a full power station 37.7 KM (23.4 mi) from the golf course.
- TV-17 is KPHO-DT; a full power DTV station 37.7 KM (23.4 mi) from the golf course.
- TV-19 is KPHE-LP; a LPTV station 30.95 KM (19.2 mi) from the golf course.

We intend on protecting 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.