

Coordinate Verification

The instant application seeks to renew the authorization for the Receive-Only C-Band Registration for E060176. There is an application pending seeking to register two (2) additional co-located antennas for Receive-Only Earth Station E060176, see File Number SES-REG-20210129-00189, Call Sign E060176A.

Site 1 Location



E060176 was originally registered at 30° 31' 57.7" N 97° 44' 16.0" W (30.532694 N 97.737778 W) on July 14, 2006, with a modification application adding a 7.3M dish and adding

Site 2 with a 3.7M dish located at 30° 19' 19.9" N 97° 48' 12.3" W (30.322194 N 97.803417 W) granted July 23, 2020.

The Site 1 coordinates carried forward a typographical error in the latitude minutes from the original 2006 registration application. In the Google Earth® image above, the Site 1 coordinates from the authorization are shown in red near the KVUE studio location – 30° 21' 57.7" N 97° 44' 16.0" W (30.366028 N 97.737778 W). In the pending application to add two additional co-located dishes, updated coordinates were provided for the KVUE Studio Location at 30° 21' 56.1" N 97° 44' 16.6" W (30.365583 N 97.737944 W) (shown in purple).

While the Site 1 dishes are located at the KVUE studio location, the cluster of dishes is more accurately located at 30° 21' 52.7" N 97° 44' 16.74" W (30.364639 N 97.737983 W) (shown in yellow). Specifically, the coordinates for the four (4) C-band receive-only dishes located at Site 1 are:

On the E060176 authorization (shown in green)

1. Ant ID 4.5M: 30° 21' 52.54" N 97° 44' 16.07" W (30.364594 N 97.737797 W)
2. Ant ID 7.3M: 30° 21' 52.69" N 97° 44' 15.62" W (30.364636 N 97.737672 W)

On the E060176A pending application (shown in blue)

3. Ant ID 2: 30° 21' 52.59" N 97° 44' 17.17" W (30.364608 N 97.738103 W)
4. Ant ID 3: 30° 21' 52.38" N 97° 44' 16.62" W (30.36455 N 97.73795 W)

Site 2 Location



As shown in the image above, the coordinates for Site 2 are confirmed in the Google Earth® image below. The dish registered at Site 2 is located at 30° 19' 20.42" N 97° 48' 11.93" W (30.322339 N 97.803314 W), which is less than one second from the registered coordinates.