

Edgewater Broadcasting, Inc.
Minor Modification to Licensed Facility
Facility ID 147206, K296GT, Mt. Lemmon, AZ

The applicant is proposing a minor change to the licensed facility of K296GT, Mt. Lemmon, AZ to relocate the facility to a building located at 5151 Broadway, Tucson, AZ as a fill-in translator for KCEE, Tucson, AZ. The proposed facility complies with 74.1204 and all relevant regulations.

The applicant acknowledges second-adjacent channel overlap with the Facility ID 56053, KHYT, Tucson, AZ licensed facility. The amount of signal from KHYT arriving at the applicant's proposed transmitter site is 93 dBu. Using the 40 dB Undesired-to-Desired ratio method for determining second-adjacent channel interference, the pertinent interfering contour is 133 dBu. According to the FCC online computer program "FM and TV Propagation Curves Calculations", the relevant interfering contour extends 15 meters, in any direction, from the antenna location proposed in the instant application. The applicant is proposing location of the antenna on a 4 meter pipe mount above a 5 meter utility area on a tall building. Further, the preparer has visited the building and observed that the entire top floor of the building was vacant and the HVAC, Elevator and utility areas have no workers present except or occasional maintenance of the support systems in the building. To the applicant's knowledge there are no areas of population within the 15 meter radius of the antenna. This includes the top utility area. The entire roof is also completely covered with solid and grounded metal roof material that will serve as a reflective shield to any VHF RF signal to the floors below. The antenna is proposed to be mounted in such a way that the interfering signal cannot extend beyond the roof line of the building in any direction. In the very unlikely event that there is any actual second-adjacent channel interference to KHYT, the applicant will mitigate such interference to the extent required by pertinent regulations. Since there is no population in the interfering contour, this application is compliant with 47 CFR Section 74.1204 with respect to second adjacent-channel interference.

Compliance with International Agreement

The facility contemplated herein is located approximately 98.6 km away from the border between the United States and Mexico. The ERP has been limited to 50 watts to comply with the international agreement. The facility is not within the relevant interference threshold with any Mexican station or allocation as set forth in the current agreement between the US and Mexico related to Low Power stations.