

Introduction and Description of Proposal

This engineering exhibit was prepared in support of a minor change application being filed by 630 Radio, Inc. for authority to change transmitter sites, ERP and HAAT at W235CT (FCC Facility ID 141807)

Fill-in Translator Eligibility

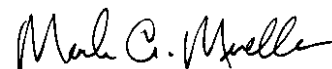
The primary station, WREY, St. Paul, Minnesota, (FCC Facility ID 41970) is a class-B AM station which is currently associated with the subject translator via the AM Revitalization move-in window. The proposed transmitter site is an existing pole atop the Wells Fargo Plaza Center in downtown Minneapolis, 14.1 kilometers from the authorized W235CT site. The proposed 60 dBu contour overlaps the licensed 60 dBu contour and is contained completely within the 2 mV/m daytime contour of WREY as shown on attached Exhibit 13.

Environmental Statement

The proposed facility requires no construction other than the attachment of the antenna and associated transmission line to an existing 4 meter tall pole. This pole is mounted atop a 5 meter parapet, putting the antenna 9 meters above the roof. The worst-case power density at roof level is 0.0813 mW/cm^2 , far below the uncontrolled space limit of 0.2 mW/cm^2 . The station will cease operation when personnel must be near the antenna for longer than allowed. The roof is secured behind a locked door with warning signs posted.

This engineering exhibit was prepared by me and is true and correct to the best of my knowledge and belief.

July 17, 2017



Mark A. Mueller