

Technical Exhibit
W232CB Facility ID: 31140
Construction Permit Application
July 11, 2011

This application seeks to modify the License of W232CB Frederick, MD, a translator for station WFRE (FM) in Frederick, MD. A change in transmitter location, power, antenna height and antenna orientation is sought. This is a minor change application as overlap of the proposed 60dbu service contour and the presently authorized 60dbu service contour occurs as indicated in Figure 1.

Figure 2 of this exhibit is a map depicting the proposed 54dBu F(50:50) service contours of primary station WFRE (FM) and this proposed facility. As indicated, the proposed contour is entirely within the service contour of primary station WFRE.

Compliance with Radio Frequency Exposure Limits

The proposed facilities were evaluated in terms of potential radio frequency radiation exposure at ground level in accordance with OET bulletin No. 65, "Evaluating Compliance With FCC Specified Guidelines for Human Exposure to Radio Frequency Radiation".

The proposed antenna system has been considered as an EPA Type 1, 1-bay "Ring and Stub worst case" antenna, mounted with its center of radiation 70 meters above ground level, and operating with an effective radiated power of 0.025 Kilowatts in the vertical plane. At 2 meters above ground level, at 15.6 meters from the base of the tower, this proposal will contribute worst case, 0.086% of the allowable limit for uncontrolled exposure and thus complies with OET bulletin No 65 with respect to the General Population/Uncontrolled exposure limit. Therefore, the proposed operation is categorically excluded from environmental processing for purposes of RF compliance, pursuant to Section 1.1307(b)(3)(ii), because the emissions from the antenna system result in a power density at ground level that is less than 5% of the applicable power density exposure limit for protection of workers and the general public.

Further, a fence with a locked gate surrounds the site compound preventing members of the general public from accessing the tower.

The applicant will cooperate with other users of the tower to reduce power of the facility, or discontinue operation as necessary to limit human exposure to levels less than specified by the Federal Communications Commission should anyone be required to climb the tower for maintenance or inspection.

Figure 1

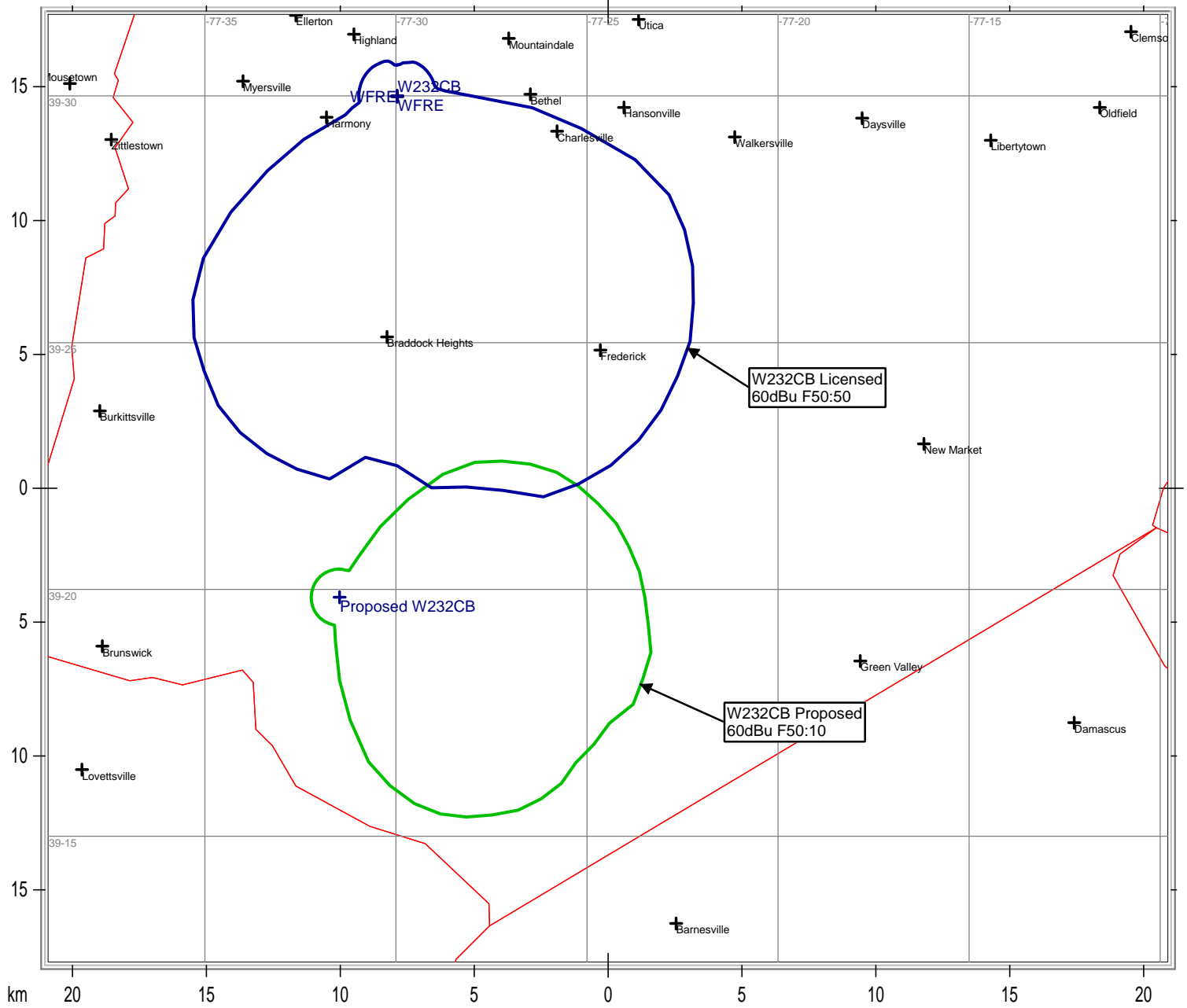


Figure 2

