

CONSOLIDATED ENGINEERING EXHIBIT

NEW FX, FIN #202961

May 2018

Figure 1 shows that the 60 dBu contour of the proposed translator is fully contained within a 25-mile radius of the AM parent station, WTOC.

Figures 2 and 3 demonstrate that the proposed translator will create no interference to any stations on co-, first-, second-, third-adjacent or IF frequencies, except with respect to second-adjacent WPLJ, channel 238, and WXNY-FM, channel 242, which deliver 62.8 dBu and 62.5 dBu, respectively, at the proposed translator site, as shown in **Figure 4**.

As **Figures 5 and 6** illustrate, the relevant interfering contour of 102.5 dBu covers only undeveloped woodland surrounding the proposed translator site.

The nearest residence is located 144 meters from the proposed translator site at an azimuth of 240 degrees. As shown in **Figure 7**, the 102.5 dBu interfering contour extends only 15 meters at an azimuth of 240 degrees. Under 74.1204(d), it is thus shown that there is no population in the interference area.

Figure 1 -- Proposed Coverage Contour

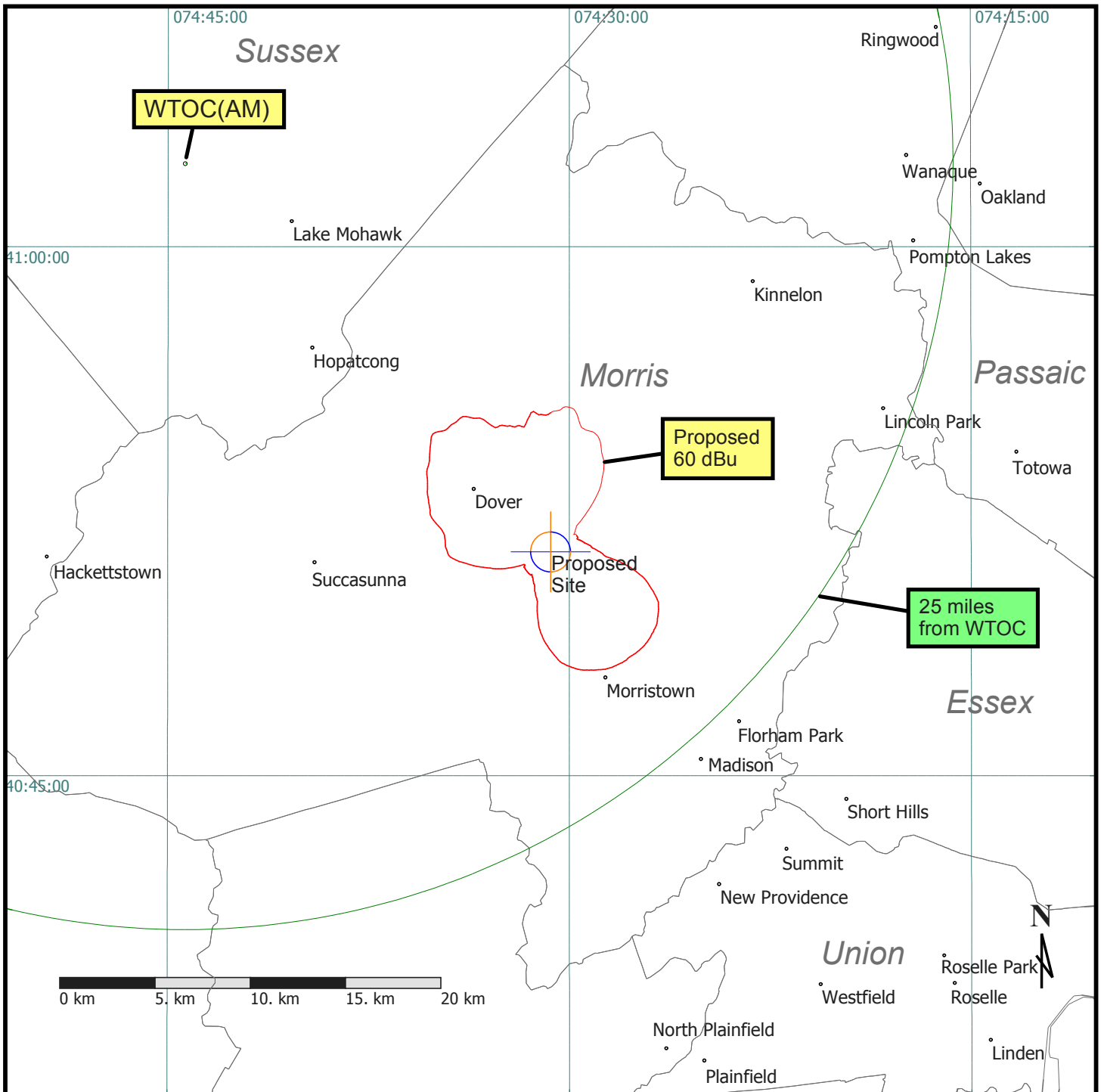


Figure 2 -- Co-Channel and 1st-Adjacent Interference Contours

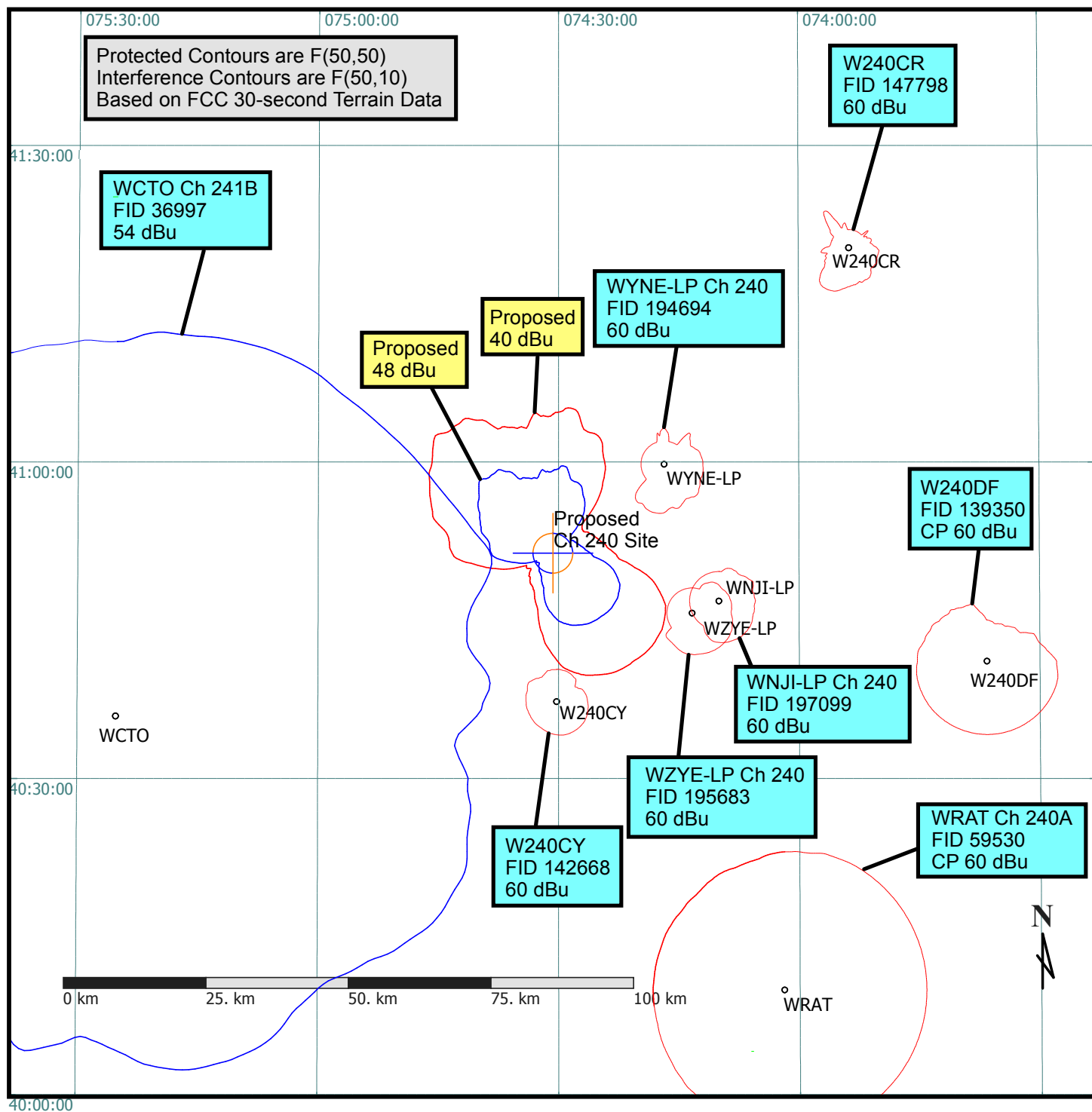


Figure 3 -- Detail of Contour Clearance

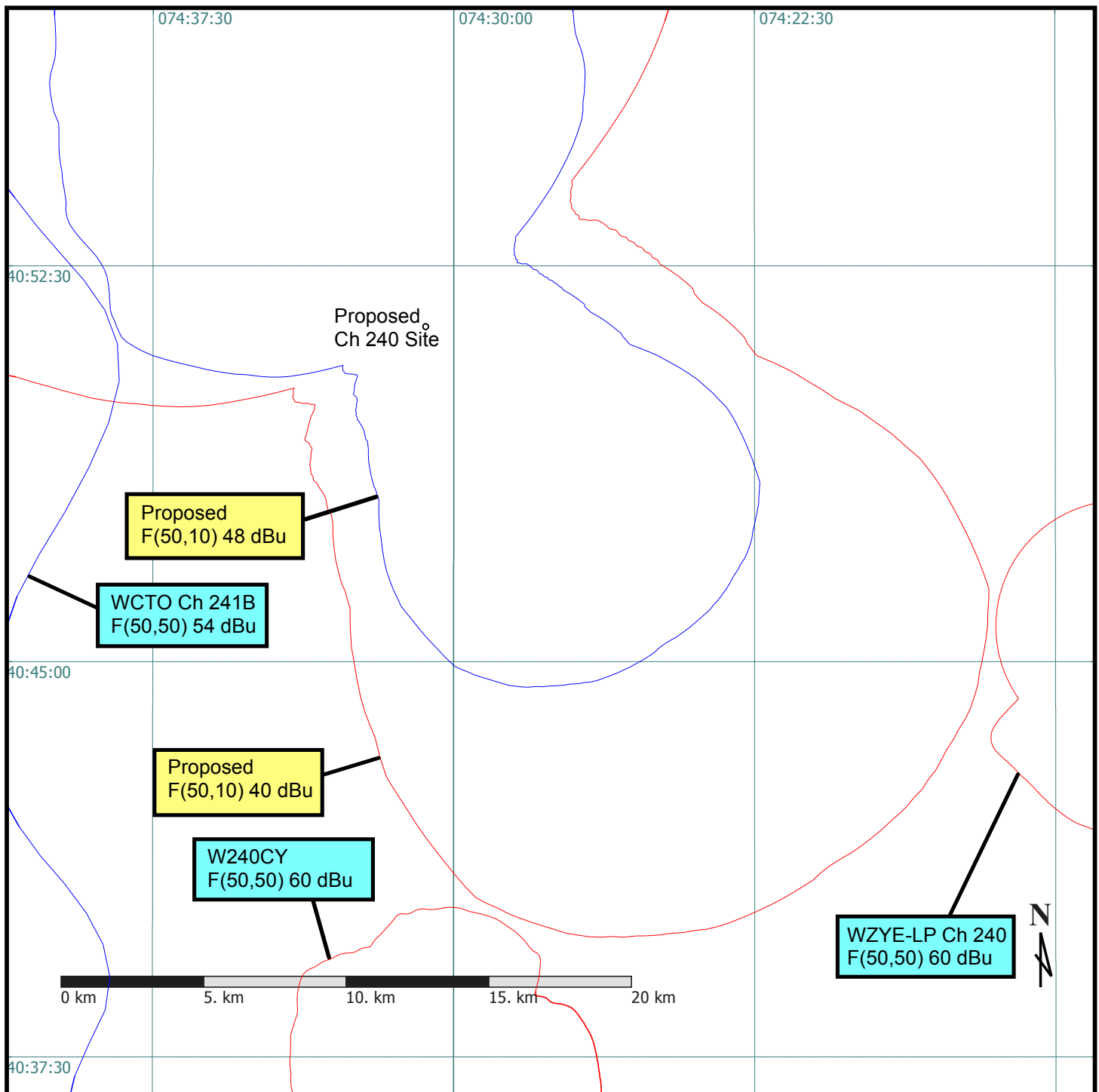


Figure 4 -- 2nd-Adjacent Interference Analysis

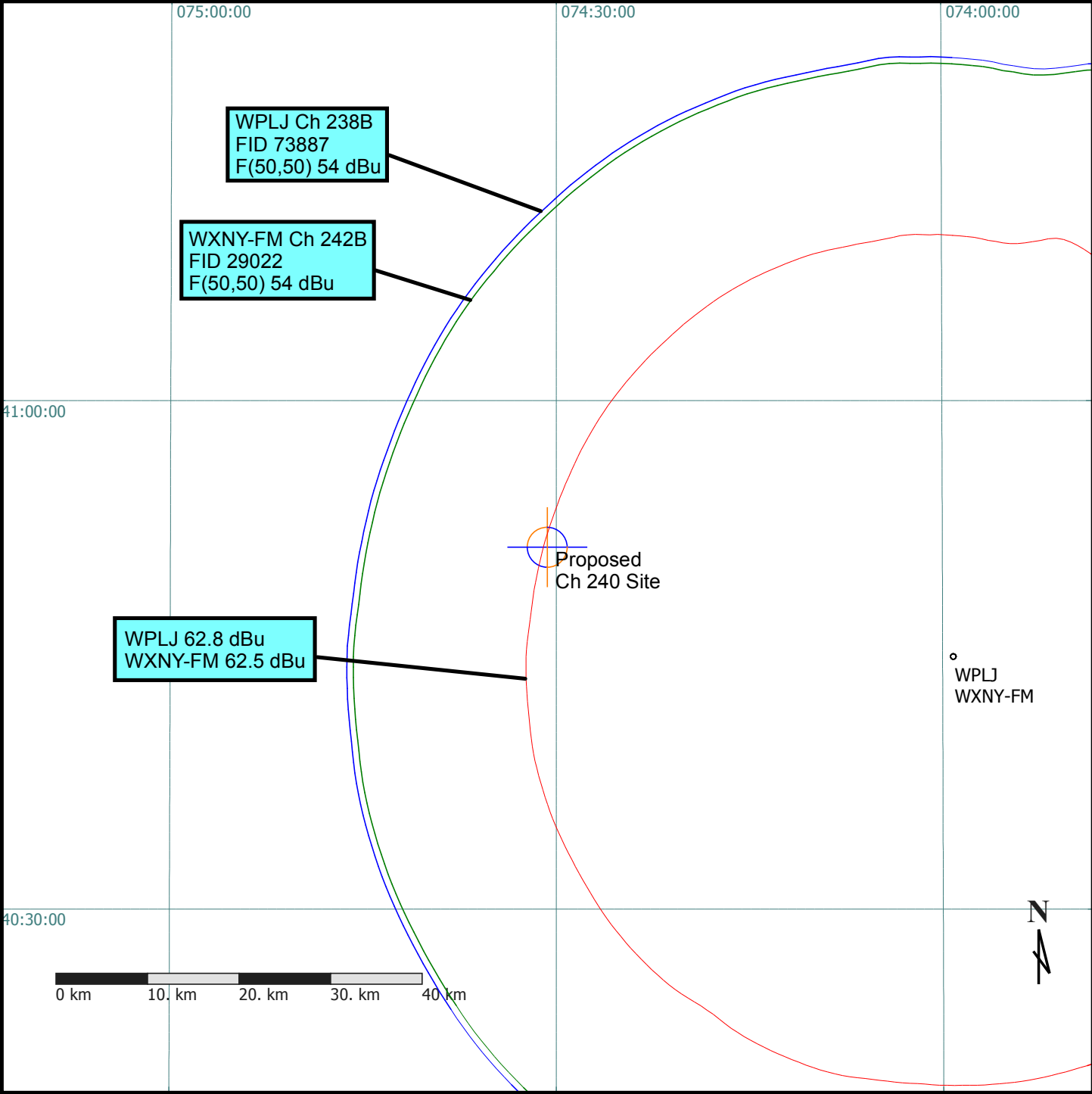


Figure 5

