

## **Exhibit 12C – No Prohibited Interference Caused by Proposal**

This proposal to relocate K233BU to the UPN Tower in Seattle creates no prohibited interference, as shown in the map that is Exhibit 12B.

There are two stations of interest in this calculation. First, KUOW Seattle, Channel 231C1. The KUOW tower is literally across the street from the proposed site for K233BU. While the exact distance is difficult to determine because of mapping errors and the physical proximity of the towers, it appears that the signal strength of KUOW at the proposed K233BU site is more than 150 dBu. At this level, there is no possibility of K233BU causing interference to KUOW.

KMPS Seattle, Channel 235C puts an FCC Predicted contour of 88.85 dBu over the proposed K233BU site. With a protection ratio of 40 dB, the interfering contour of K233BU vs. KMPS is 128.85 dBu. At the proposed K233BU power of 99 Watts, this yields an interference zone of 25 meters. Since the center of radiation will be 32 meters above ground level, no signal that would affect KMPS will reach the ground.

Additionally, as shown in Exhibit 12D, the proposed K233BU 40 dBu interfering contour is far from the protected contour of KRXY, Shelton WA.

And as also shown in Exhibit 12D, there is no point on the Canadian land mass where the proposed facility has anything approaching a 34 dBu Interfering Contour.

To the best of my knowledge and belief, there is no prohibited interference created by the proposed new location and power for K233BU.

Dr. Sandra Woodruff – Engineering Consultant - 3/1/2005