

R. M. SMITH ASSOCIATES

BROADCAST TECHNICAL CONSULTANTS
P.O. BOX 345 – JENSEN BEACH, FL 34957
Tel: (772)-335-0688 Fax: (772)-672-3448
E-MAIL bob@rmsmith.com

W268CD APPLICATION FOR MINOR CHANGE

EXHIBIT 13 – INTERFERENCE

A Computerized search of the CDBS was conducted to determine which facilities required detailed interference analysis.

Three co-channel stations were found that required analysis.

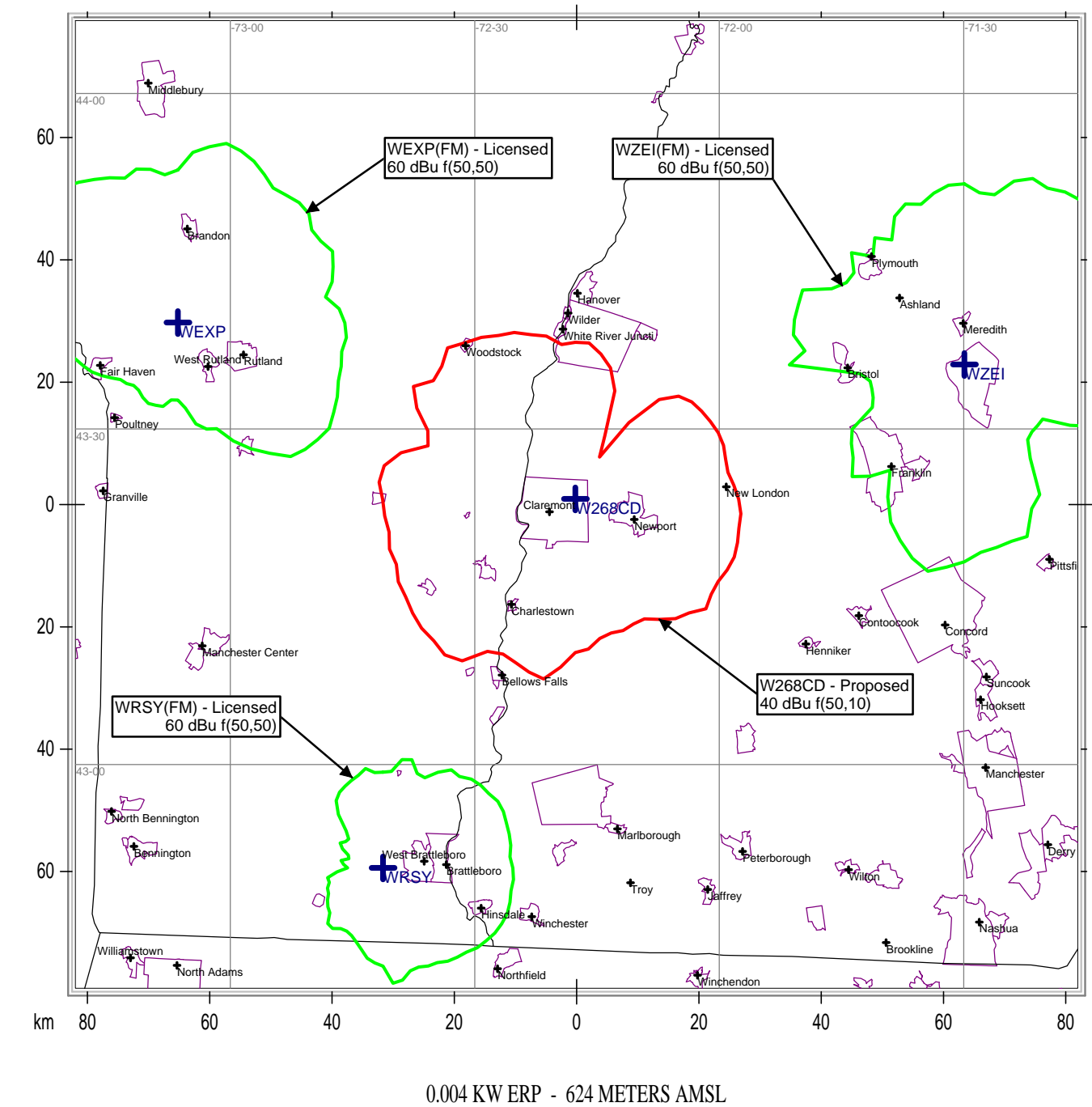
WEXP(FM)	268A	Brandon, VT	Facility ID 65961
WZEI(FM)	268A	Meredith, NH	Facility ID 73216
WRSY(FM)	268A	Marlboro, VT	Facility ID 17797

The protected coverage contour, 60 dBu F(50,50), for each of the listed facilities, and the pertinent interference contour, 40 dBu F(50,10), of the proposed operation of W268CD were calculated and plotted on the attached Figure 1. All contours were calculated at five degree increments of azimuth using three second terrain data.

Figure 1 shows that the proposed 40 dBu F(50,10) interference contour does not overlap the 60 dBu F(50,50) protected contour of any listed facility.

The W268CD site is located 178.7 km from the Canadian / U.S. border. The proposed 34 dBu f(50,10) contour does not reach the border. The proposed operation of W268CD will not impact any Canadian facility.

W268CD INTERFERENCE STUDY



State Borders City Borders Lat/Lon Grid