

Community of License Study
In Support of an Amendment to an Application to
Change Daytime and Nighttime Power
WRSB – Brockport, NY
1600 kHz ▪ Facility ID No. 15767

PREDICTED COVERAGE SHOWING

The AM predicted coverage contours were calculated in accordance with the provisions of 47 CFR. Section 73.182.

The population within the service contours was calculated using software that utilizes the 2010 U.S. Census database. The program adds the populations of those U.S. Census designated areas whose centroid lies within each service area.

DAYTIME CITY OF LICENSE SIGNAL COVERAGE

The provisions of 47 CFR 73.24(i) require that, for all other applications for modification of licensed stations, the daytime 5 mV/m contour encompasses either 50 percent of the area, or 50 percent of the population, of the principal community to be served.

The proposed application will cover 8,366 persons within Brockport, NY. The total population within Brockport, NY according to the 2010 U.S. Census was recorded to be 8,366. The proposed application will cover 100% of the population within the 5 mV/m daytime contour. Thus, the requirements of 47 CFR 73.24(i) are met.

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Project: WRSB

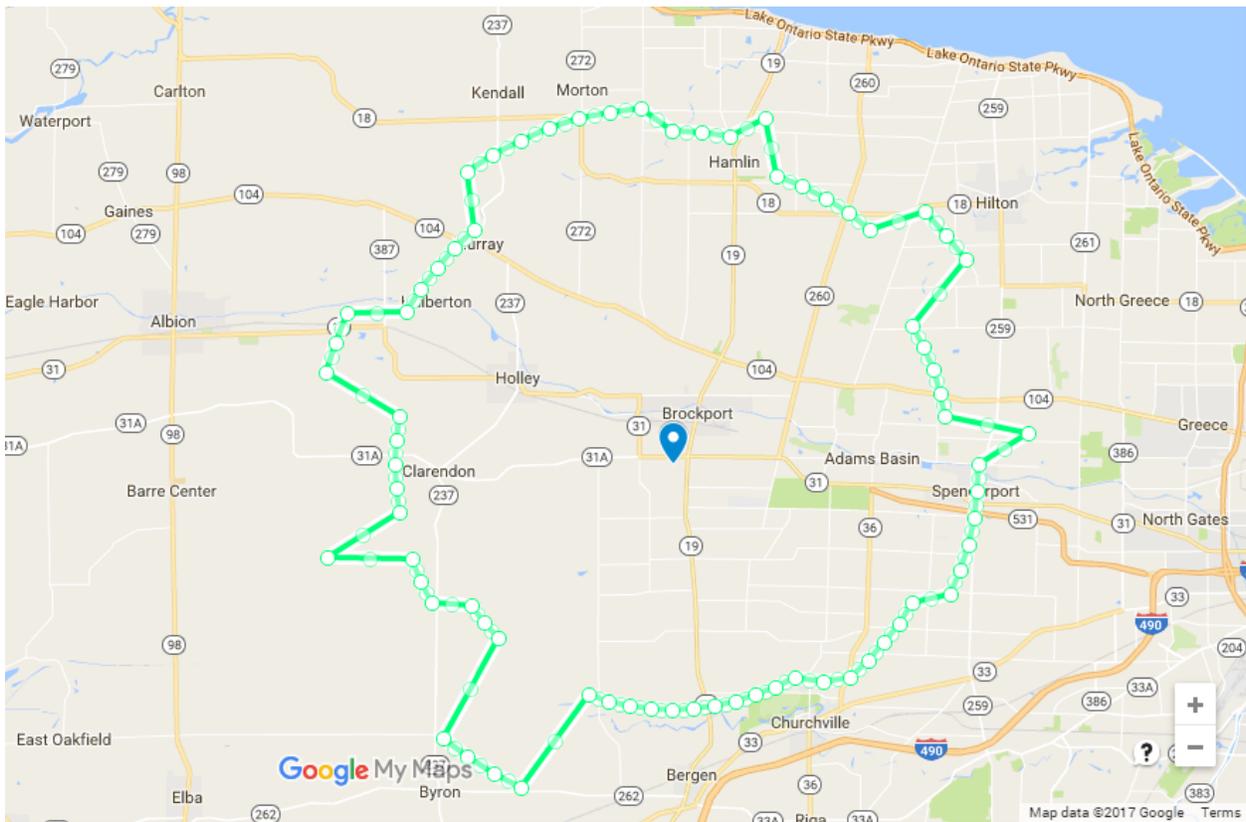
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Source Coordinates: 43-11-44 North 77-57-05 West

This program uses the 2010 US Census Database
Block level centroid retrieval methodology
Distance to the Contours are interpolated between azimuths
CONTOUR OF STUDY is 5.00 mV/m.

City of Study: BROCKPORT -----

BROCKPORT, Monroe County, NY
Total City Persons: 8,366
Total Contour Persons: 8,366
Persons in Contour: 100.0%
Area within Contour by Sectoring: 455.7 sq. km
Land Area in City from Census: 5.6 sq. km
Land Area in Contour from Census: 5.6 sq. km 100.0%



NIGHTTIME PROPOSED SIGNAL COVERAGE

The provisions of 47 CFR 73.24(i) require That, for all proposals for new stations in the 535-1605 kHz band, applications to modify a construction permit for an unlicensed station, or applications to change a station's community of license, either 50 percent of the area, or 50 percent of the population of the principal community is encompassed by the nighttime 5 mV/m contour or the nighttime interference-free contour, whichever value is higher.

The proposed application will cover 8,366 persons within Brockport, NY. The total population within Brockport, NY according to the 2010 U.S. Census was recorded to be 8,366. The proposed application will cover 100% of the population within the 14.73 mV/m Nighttime Interference Free contour. Thus, the requirements of 47 CFR 73.24(i) are met.

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Project: WRSB Page 1
Source Coordinates: 43-11-44 North 77-57-05 West

This program uses the 2010 US Census Database
Block level centroid retrieval methodology
Distance to the Contours are interpolated between azimuths
CONTOUR OF STUDY is 14.73 mV/m.

City of Study: BROCKPORT -----

BROCKPORT, Monroe County, NY
Total City Persons: 8,366
Total Contour Persons: 8,366
Persons in Contour: 100.0%
Area within Contour by Sectoring: 221.6 sq. km
Land Area in City from Census: 5.6 sq. km
Land Area in Contour from Census: 5.6 sq. km 100.0%

The figure below depicts the 14.73 mV/m NIF Contour over the community of license.

