

WCOR.P Site Spacing

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REFERENCE                                     DISPLAY DATES
41 57 08.20 N.                             CLASS = A  Int = A      DATA  07-24-21
78 37 32.80 W.                             Current  Spacings to 3rd Adj.  SEARCH 07-28-21
----- Channel 244 - 96.7 MHz -----

Call          Channel    Location              Azi      Dist    FCC    Margin
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WCOR-FM% LIC-N  244A    Portville            NY       57.1    20.31  114.5   -94.2
CKGLEFM  LIC -D 244C1   Kitchener            ON       315.2   230.44 243.0   -12.6
WGRF      LIC-D  245B    Buffalo              NY       349.6   113.12 112.5     0.6
WBKX      LIC-Z  243A    Fredonia             NY       306.6    77.95  71.5     6.5
WMSX      LIC    241B    Buffalo              NY       349.0   105.71  68.5    37.2
WLLF      LIC    244A    Mercer               PA       243.1   154.90 114.5    40.4
WCMF-FM  LIC    243B    Rochester            NY       32.6    156.73 112.5    44.2
R16697   ADD     244A    Toronto              ON       342.2   198.31 151.0    47.3

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Reference station has protected zone issue: Canada

% = Station fails 73.215.

All separation margins include rounding

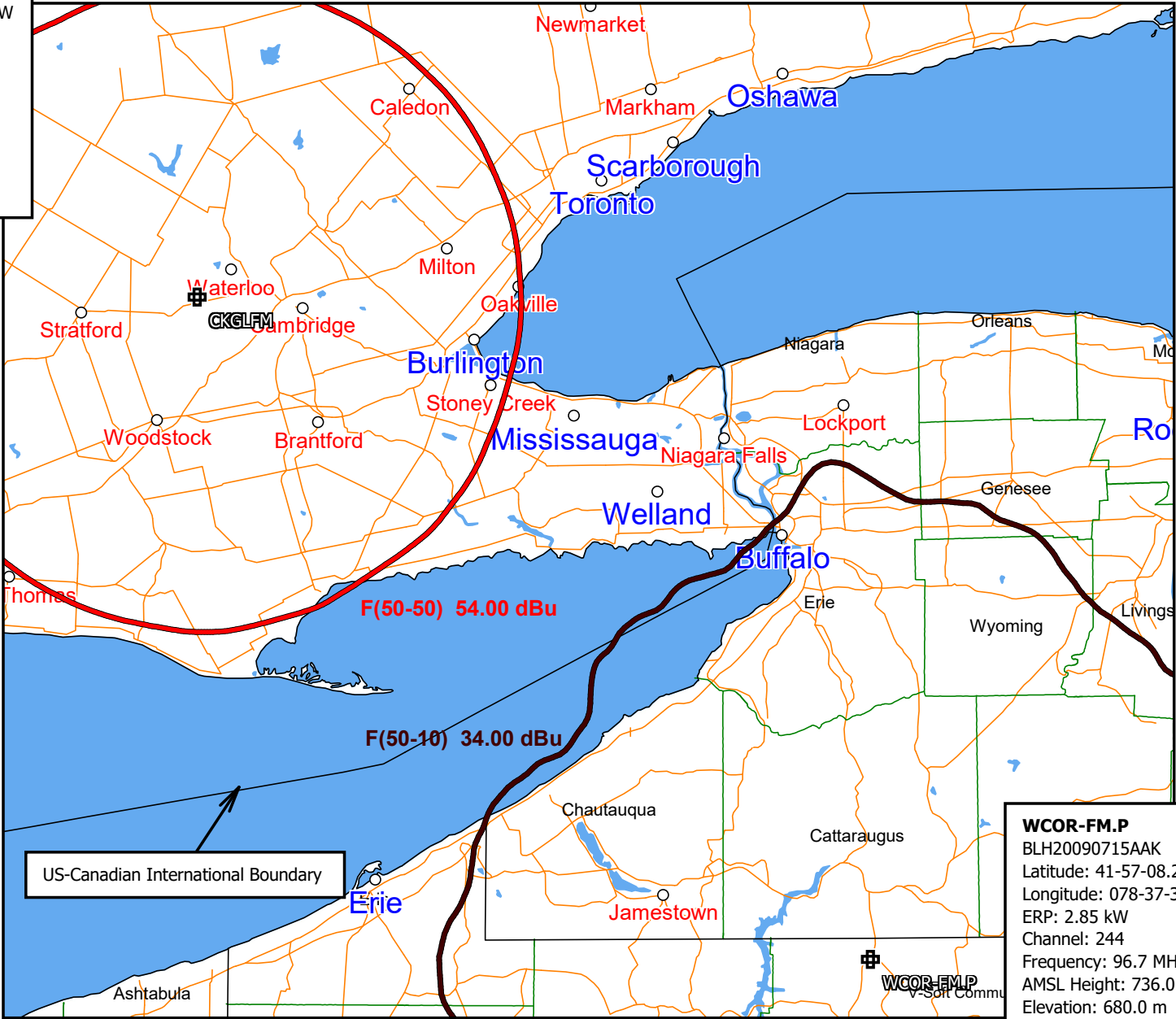
Compliance with International Agreement

This application proposes operation that is short-spaced, based on the Canadian Spacing Table in 73.207, to CKGL-FM, Kitchener, Ontario (short spaced 12.6 km). This proposal will not cause interference to CKGL-FM. Exhibit 2-A is a contour study showing that the 34 dBu interference contour for this proposal (using F(50,10)) is nearly completely within the borders of the United States. This area is well outside the protected 54 dBu contour of CKGL-FM (using F(50,50) with 100kw at 300 meter HAAT maximum of Class C1)). In fact, no portion of this proposal's 34 dBu interference contour overlaps CKGL-FM's 54 dBu coverage contour (maximum of Class C1) at any point. Therefore, no interference to any Canadian facility will be caused.

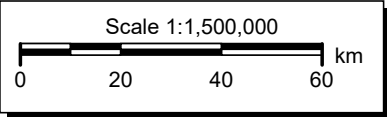
Exhibit 2-A

CKGLFM

Latitude: 43-24-15.20 N
Longitude: 080-38-04.40 W
ERP: 100.00 kW
Channel: 244
Frequency: 96.7 MHz
AMSL Height: 563.65 m
Elevation: 381.64 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None



US-Canadian International Boundary



WCOR-FM.P

BLH20090715AAK
Latitude: 41-57-08.20 N
Longitude: 078-37-32.80 W
ERP: 2.85 kW
Channel: 244
Frequency: 96.7 MHz
AMSL Height: 736.0 m
Elevation: 680.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

Overlap Population Report
WCOR-FM.P (244) / Lewis Run, PA

Overlap Area Type: Intersection

Areas Included:

WCOR-FM.P (244): FCC F(50-50) 70.00 dBu (FCC HAAT)

PGON: Lewis Run, PA

Population Database: 2010 US Census (PL)

Total Population: 617

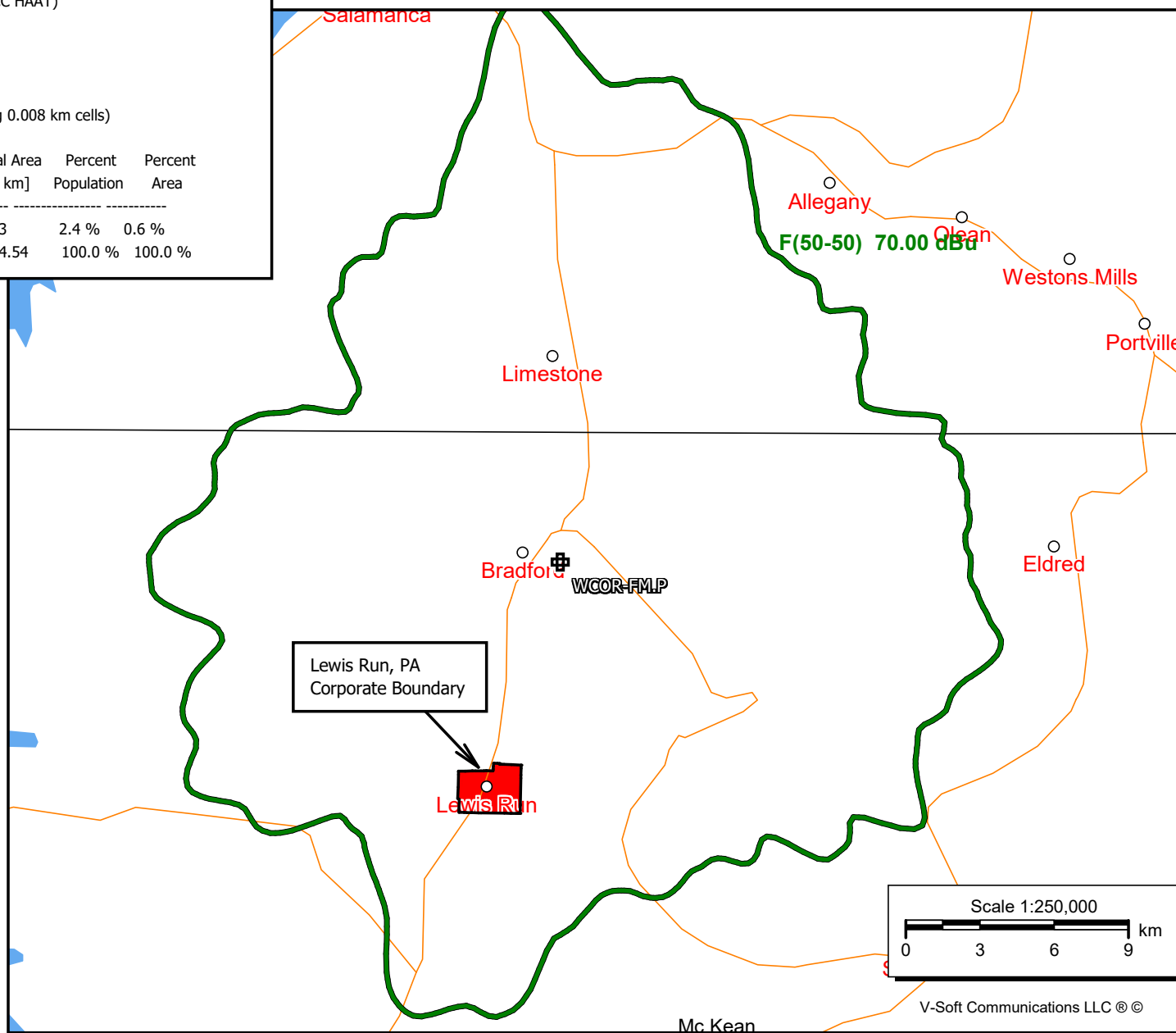
Overlap Area: 4.54 sq. km (Area determined using 0.008 km cells)

Area Description	Total Population	Total Area [sq. km]	Percent Population	Percent Area
WCOR-FM.P (244): FCC F(50-50)	25,348	807.53	2.4 %	0.6 %
PGON: Lewis Run, PA	617	4.54	100.0 %	100.0 %

Exhibit 3

WCOR-FM Proposed Community of License Coverage -
Lewis Run, PA

Note: 70dbu(F50-50) Contour Encompasses 100% of the
Population and 100% of the Area of Lewis Run, PA



WCOR-FM.P

BLH20090715AAK

Latitude: 41-57-08.20 N

Longitude: 078-37-32.80 W

ERP: 2.85 kW

Channel: 244

Frequency: 96.7 MHz

AMSL Height: 736.0 m

Elevation: 680.0 m

Horiz. Pattern: Omni

Vert. Pattern: No

Prop Model: None

Human exposure to excess levels of radiofrequency radiation

The proposed facility will be built utilizing a Shively 6800 series 3 bay full-waved spaced circularly polarized antenna.

According to OET 65, "Applicants and licensees should be able to calculate, based on considerations of frequency, power and antenna characteristics the distance from their transmitter where their signal produces an RF field equal to, or greater than, the 5% threshold limit. The applicant or licensee then shares responsibility for compliance in any accessible area or areas within this 5% "contour" where the appropriate limits are found to be exceeded."

The proposed facility's maximum contribution to RF on the site is $5.72\mu\text{W}/\text{cm}^2$ at a distance of 29 meters from the tower, which is 2.86% of the uncontrolled (public) exposure limit.

Therefore, because the proposed facility will not cause an RF field that is equal to or greater than 5% of the $200\mu\text{W}/\text{cm}^2$ limit for uncontrolled exposure at any point, the proposed facility complies with the requirements of OET 65.

Family Life Ministries will fully cooperate with other site users to temporarily reduce power or cease broadcasting, as necessary, to protect workers and others having access to the site from excessive levels of RF Radiation.