

V-Soft Communications Population Report

CHCH-PT-1-D (22) Ottawa, ON
 Broadcast Type: Digital Service: T
 Lat: 45-13-00.84 N Lng: 075-33-51.11 W ERP: 845.0 kW AMSL: 387.4 m
 TV Incoming Interference Study
 Interference Considered Within: Noise Limited FCC Contour
 Signal Resolution: 1.0 km
 LR Profile Spacing Increment: 1.0 km
 KWX error points are considered to be interference free coverage.
 # of radials computed for protected contour: 72
 Protected contour calculated using 8 radial HAAT.
 Using lptv/translators D/U rules.
 Threshold for reception: 39.5593 dBu
 Pop Centroid DB: 2001 Canada Census

Study Date: 10/29/11
 TV Database Date: 10/24/11

Primary Terrain: V-Soft 3 Second US Terrain
 Secondary Terrain: V-Soft 30 Second World Terrain

Population Database: 2001 Canada Census

Percentages calculated using a baseline population of 1,438,213.

Stations which cause interference:

Call Letters	H Units	Population	%	Area (sq. km)
WTVU-LP-D.C (22)	107	283	0.020	7.86

Call Letters	City	State	Distance	Bearing
WTVU-LP-D.C (22)	Syracuse	NY	244.6 km.	191.6 deg.

Totals for CHCH-PT-1-D (22)

Calculation Area Population:	1,441,964	(30345.5 sq. km)
Not Affected by Terrain Loss:	1,438,213	(29510.0 sq. km)
DTV Interference:	283	(7.9 sq. km)
Interfered Population:	283	(7.9 sq. km)
Interference Free:	1,437,930	(29502.1 sq. km)
Percent Interference:	0.02	
Terrain Blocked Population:	3,751	(835.6 sq. km)
Contour Area Population:	1,442,162	