

Channel Study

REFERENCE		CH# 235D - 94.9 MHz, Pwr= 0.025 kW, HAAT= 78.9 M, COR= 265 M								DISPLAY DATES	
41 33 30.0 N.		Average Protected F(50-50)= 6.5 km								DATA 12-24-08	
83 33 34.0 W.										SEARCH 12-24-08	
CH CITY	CALL	TYPE ANT STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*	
236D Perrysburg	W236BH	LIC C OH	0.0 0.0	0.00 BLFT20070924AAS	41 33 30.0 83 33 34.0	0.010	7.4 265	5.3 Educational Media Foundati	-13.95*	-14.63*	
233B Port Clinton	WXKR	LIC ZCX OH	104.8 285.0	24.90 BLH20080910ACQ	41 30 03.0 83 16 16.0	30.000 188	5.8 374	64.5 Cumulus Licensing Llc	12.54	-40.25*	
235B East Lansing	WMMQ	LIC CN MI	326.0 145.3	146.45 BLH19911106KF	42 38 45.0 84 33 38.0	50.000 150	137.3 421	64.6 Citadel Broadcasting Compa	2.57	50.58	
235A Ada	WONB	LIC CN OH	194.9 14.7	91.02 BLED19911023KC	40 45 58.0 83 50 14.0	3.000 100	78.9 381	26.0 Ohio Northern University	5.97	44.51	
234B Birmingham	WCSX	LIC CN MI	18.0 198.3	104.70 BMLH19981008KA	42 27 13.0 83 09 50.0	13.500 290	77.4 488	66.0 Greater Boston Radio, Inc.	20.47	25.27	
237A Adrian	WQTE	LIC CN MI	302.0 121.6	51.95 BLH7225	41 48 15.0 84 05 25.0	3.000 91	2.4 329	25.5 Friends Communications Of	43.05	26.14	
238B Detroit	WKQI	LIC C MI	16.2 196.4	105.88 BLH19990920ABM	42 28 23.0 83 11 59.0	100.000 130	7.0 338	71.6 Amfm Radio Licenses, L.L.c	92.05	33.54	
235B Medina	WQMX	LIC CN OH	107.6 288.8	169.70 BLH19880516KC	41 04 58.0 81 38 00.0	16.000 268	124.7 587	63.9 Rubber City Radio Group, I	38.46	74.83	
232D Tedrow	633812	APP C OH	275.1 94.7	54.22 BNPFT20030312AXS	41 36 00.0 84 12 26.0	0.250	1.1 250	7.1 Pittsford Educational Broa	46.54	46.78	
238D Baird	998650	APP C OH	186.9 6.8	58.48 BNPFT20030807AGT	41 02 08.0 83 38 36.0	0.120	0.8 269	6.3 Educational Media Foundati	51.53	51.79	
238D Baird	631280	APP C OH	186.9 6.8	58.48 BNPFT20030313BEM	41 02 08.0 83 38 36.0	0.120	0.8 269	6.3 Educational Media Foundati	51.53	51.79	
236A Windsor	CKUE-FM-1	DEL DCN ON	30.7 211.1	101.12 20041216CAN	42 20 20.0 82 55 53.0	6.000 75	36.4 256	32.8	55.25	55.07	
236B Fort Wayne	WAJI	LIC CN IN	250.2 69.1	145.63 BLH19900226KE	41 06 13.0 85 11 28.0	39.000 207	82.7 453	69.1 Sarkes Tarzian, Inc.	56.43	63.66	
237A Norwalk	WLKR-FM	LIC C OH	112.0 292.6	81.48 BMLH20000615AFD	41 16 49.0 82 39 27.0	3.300 91	2.3 312	24.2 Elyria-lorain Broadcasting	72.64	56.90	
236B Fort Wayne	WAJI	CP CX IN	250.4 69.3	145.69 BPH20070117ACU	41 06 27.8 85 11 38.1	36.700 207	82.0 454	68.6 Sarkes Tarzian, Inc.	57.16	64.19	

Terrain database is NGDC 30 SEC Distance + R = 73.215 or FCC spacings in KM, Distance + M = Margin in KM
 Contour distances are on direct line to and from reference station. Reference Zone = 1. With 3rd Adj
 Channels.

Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E),
 Beamtilt(Y,N,X)

***affixed to 'IN' or 'OUT' values = site inside protected contour.

Reference station has protected zone issue: Canada- AM tower.

Compliance with C.F.R. 74.1204

The proposed FM Translator is located within the protected 60 dBu contour of second adjacent channel station WXKR, channel 233B, Port Clinton, OH. The predicted F(50-50) field strength of WXKR at the proposed translator site is 74.9 dBu, (see Exhibit 12A-1). Therefore, the respective predicted interfering contour generated by the proposed FM Translator is 114.9 dBu. This interfering contour extends approximately 63 meters from the proposed transmit antenna, and the area of overlap does not reach the ground (the antenna will be mounted at the 67 meter level on a 76 meter tower).

To confirm the absence of population within the interference aperture, EMF has examined the attached topographic map (see Exhibit 12A-2) and aerial photo (Exhibit 12A-3) which indicate a lack of structures which could be tall enough to enter the 63 meter interference aperture.

Therefore, EMF respectfully requests a waiver of C.F.R 74.1204 based on no population within the area of predicted interference.

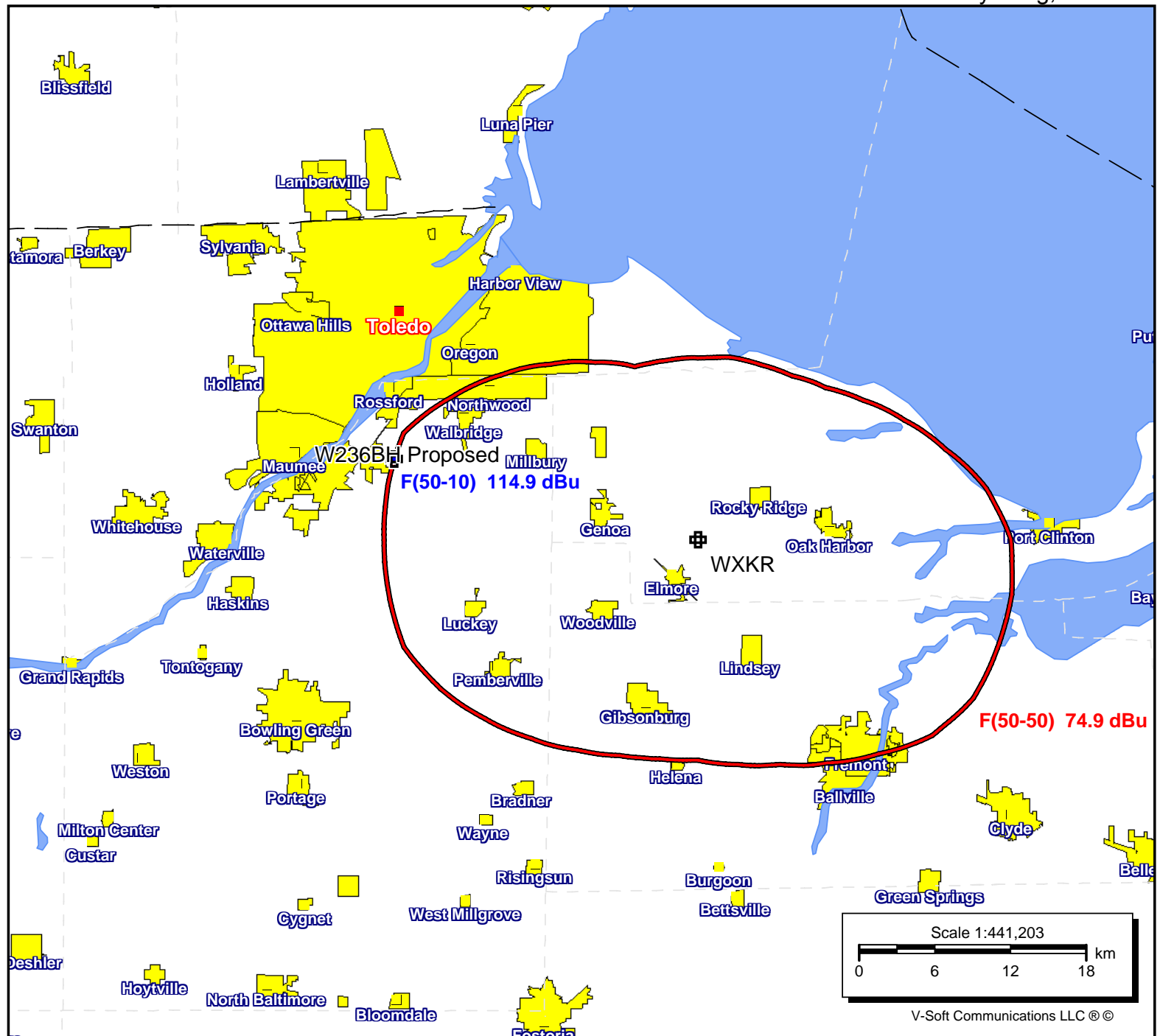
W236BH Proposed

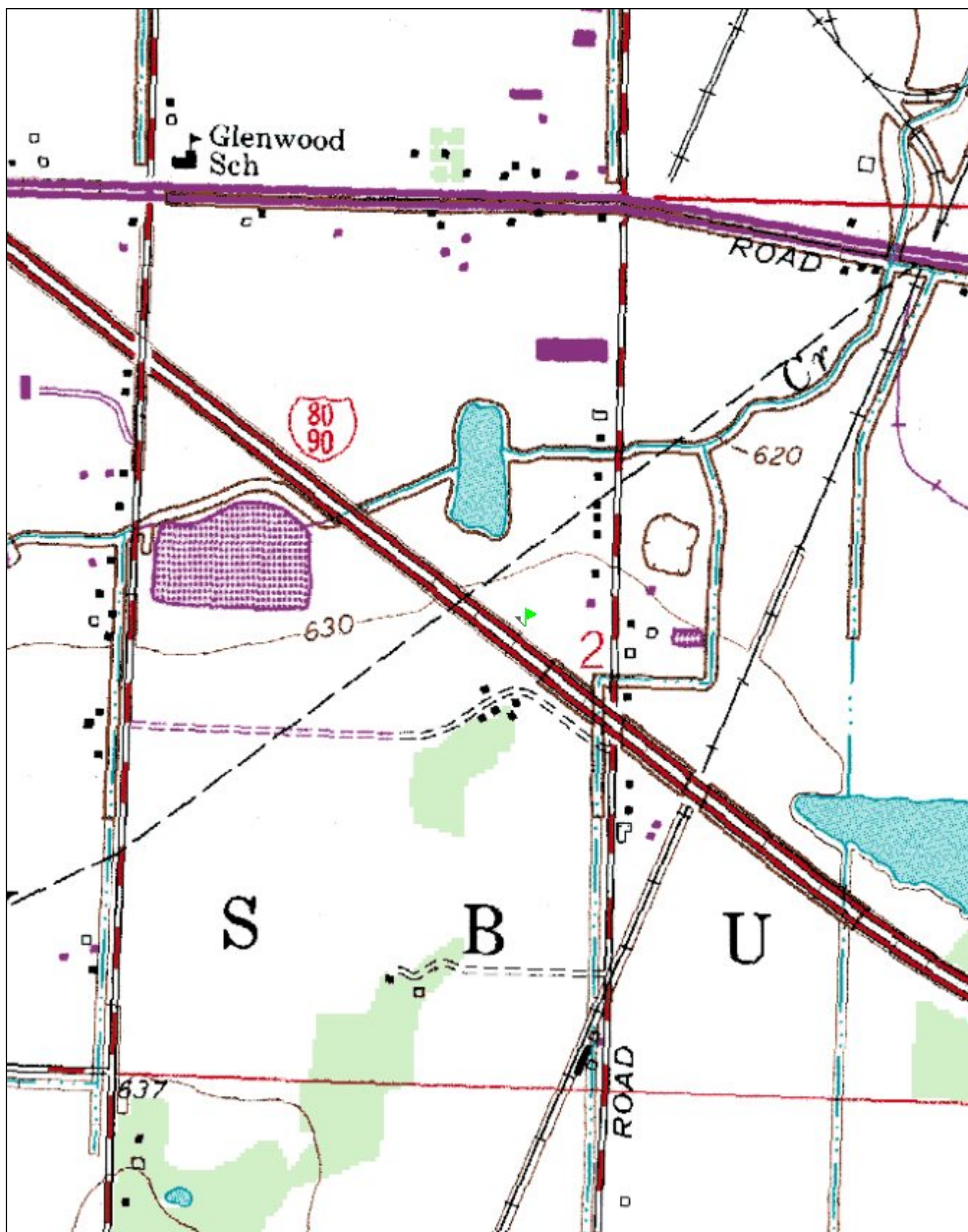
BLFT20070924AAS
Latitude: 41-33-30 N
Longitude: 083-33-34 W
ERP: 0.025 kW
Channel: 235
Frequency: 95.1 MHz

WXKR

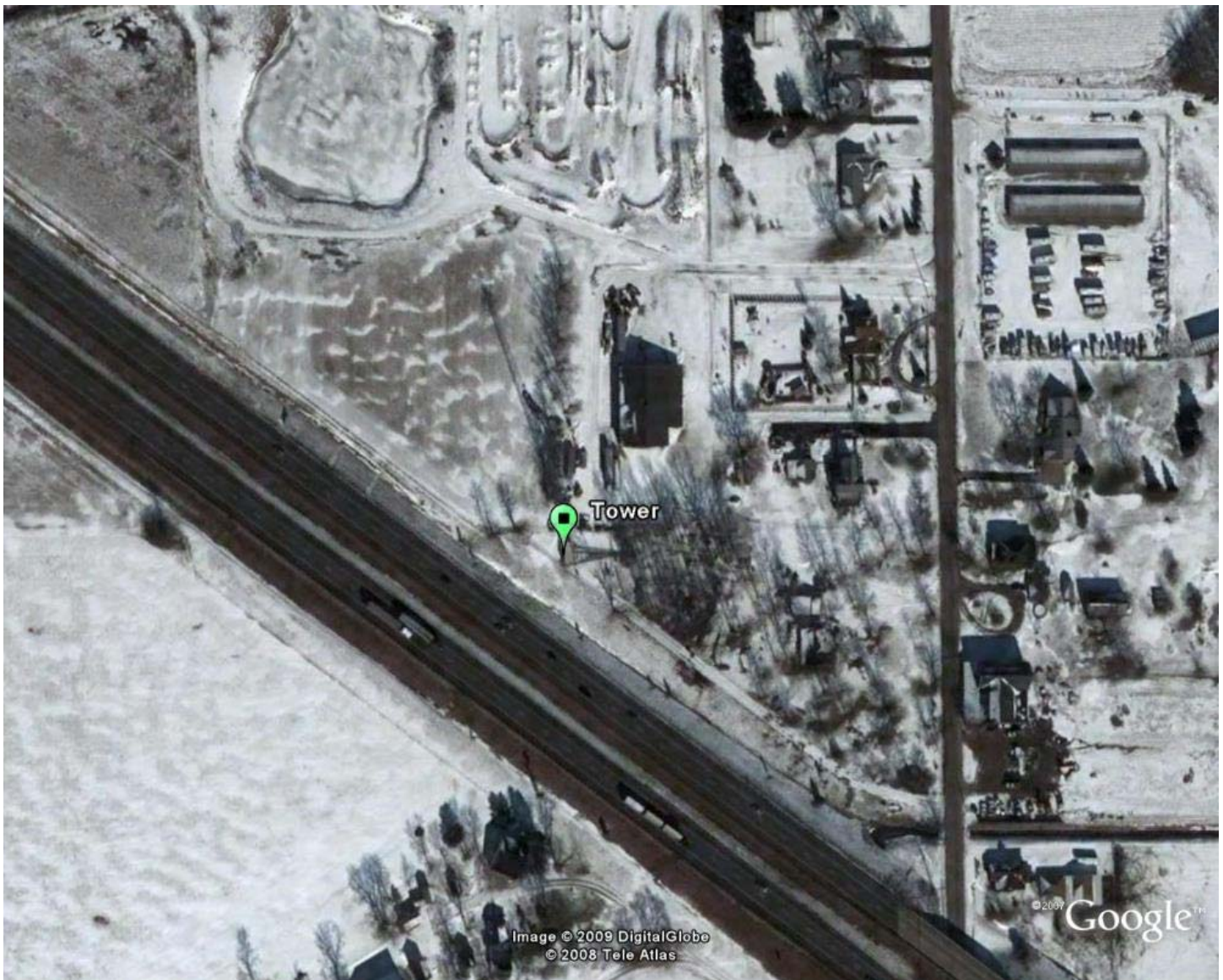
BLH20080910ACQ
Latitude: 41-30-03 N
Longitude: 083-16-16 W
ERP: 30.00 kW
Channel: 233
Frequency: 94.5 MHz
AMSL Height: 373.7 m
Elevation: 184.7 m
Horiz. Pattern: Directional
Prop Model:

- W236BH Proposed
■ WXKR





Coordinates (NAD27): 41-33-30.02 N, 083-33-33.64 W
Coordinates (NAD83): 41-33-30.20 N, 083-33-33.40 W



Tower ID: 1208743

Coordinates (NAD27): 41-33-30.02 N, 083-33-33.64 W
Coordinates (NAD83): 41-33-30.20 N, 083-33-33.40 W

Status: Constructed
Structure Type: TOWER
Action Date: 08/19/2006
Construction Date: 01/19/2000
Location: 27935 Glenwood Rd, Perrysburg, OH
Height (AG): 75.90 m, Elevation: 198.40 m, Structure Height: 69.80 m
Circular Number: 70/7460-1J
FAA Number: 99-AGL-4400-OE FAA Chapter: 4, 8, 13

Owner: Global Tower, LLC