

Exhibit 12

Interference Analysis Overlap Requirements

According to CFR 47 §74.1204(a), translators are required to protect all existing FM stations from interference due to overlap of the protected contours of the existing stations with the interfering contours of the new translators.

Exhibit 12										
Mars Hill Broadcasting Co. In										
Reference	270Tr	ERP	0.027	kW	HAAT	43.1	m	COR	183	m AMSL
431018 N	101.9	MHz			Average protected	F(50,50)	4.9	km		
774015 W								Greece, NY		
ChnCl	Call	Stat	Azi	Dist	FacId	Lat	*OUT*	Sig	dBu	
	Pwr	COR	HAAT		ARN	Lon				
	Owner			City		St				
267B	WRMM-F	LIC	230	0.24	1907	431013	-68.79	133.70	Third adjacent	
	27.000	338	195	BMLH20060130ASF	774023	NY	Interfering contour goes only 3 inches.			
	Stephens Media Group			Rochester			The antenna is 63 feet above the rooftop.			
270Tr	W270BX	CP	31	7.56	150636	431349	-21.60		This facility	
	0.080	128	17	BNPFT20080620AC	773725	NY	before modification			
	Mars Hill Broadcasti			Greece						
271A	WJCA	LIC	273	38.85	86922	431119	6.07		See map	
	3.700D	309	129	BLE20011213ABE	780853	NY				
	Family Worship Cente			Albion						
273B	WTSS	LIC	234	96.55	34382	423933	3.45		See map	
	110.000	752	355	BLH20020111AAW	783733	NY				
	Entercom Buffalo Lic			Buffalo						
273B	WTSS.C	CP	233	97.62	34382	423815	5.26		See map	
	110.000D	753	340	BPH20060531ADC	783712	NY				
	Entercom Buffalo Lic			Buffalo						

Same tower as W220DE.										

US Stations

In this table, only WRMM and W270BX have outgoing contour overlaps from the proposed translator, so no interference to other stations is anticipated. Incoming overlap is not prohibited.

W270BX is the current facility, and need not be protected.

WRMM is third adjacent to the proposed translator, and, according to §74.1204(d),

"The provisions of this section concerning prohibited overlap will not apply where the area of such overlap lies entirely over water. In addition, an application otherwise precluded by this section will be accepted if it can be demonstrated that no actual interference will occur due to ... lack of population"

The F(50,50) signal from nearby WRMM at the proposed site is 133.7 dBu. A 40 dB ratio of undesired to desired signal strength gives an allowable interfering F(50,10) field strength of 173.7 dBu. This interfering signal strength contour with 0.027 kW ERP only goes 0.072 meters from the transmit antenna. The antenna is 63 feet above ground level. There are no habitable buildings in the area which are tall enough to reach up to intersect the contour. Hence §74.1204(d) applies, and the predicted area of interference is acceptable to the Commission.

A map is attached to demonstrate clearance the remaining facilities.

Canadian Consideration

The proposed translator is 51.8 km from the nearest point in Canada, within the 320 km limit established by treaty. The 0.027 kW ERP does not exceed the maximum 0.250 kW, and the maximum 33.6 km F(50,10) 34 dBu contour does not exceed the statutory 60 km. Because the 34 dBu F(50,10) contour does cross the common border (33.6 km maximum contour distance is greater than the 51.8 km minimum distance to Canada), Canadian concurrence is not required.

The attached map demonstrates that there is no prohibited contour overlap over Canadian soil with co-channel CJLX, the first Canadian facility found in the above search. Note since this is a translator, so CJLX is not max-classed.

The relevant document for this analysis is the July 9, 1997 modification to the February 25, 1991 agreement.

AM Considerations

Note that there is an unbuilt AM nearby.

Search Parameters	
Search radius:	3.20 km
Center lat / lon:	N 43 10 18.00 W 77 40 15.00
Lower Frequency	530
Upper Frequency	1700

NEW	AM 1220 kHz DA2	Daytime	B B APP	GREECE		
NY US BNP	-20040126AKQ	0.297 kW	160354	2.20 km	1.37 mi	
	355.89° CLEO BROADCASTING, LLC					
NEW	AM 1220 kHz DA2	Nighttime	B B APP	GREECE		
NY US BNP	-20040126AKQ	0.297 kW	160354	2.20 km	1.37 mi	
	355.89° CLEO BROADCASTING, LLC					

Protected zones report for W270BX.C on channel 270D 12-15-2008
Lat. 43 10 18.0 Lng. 77 40 15.0, ERP= 0.08 kw, HAAT= 44.2M

Facility is okay with respect to Canada. Distance to border = 51.8 km.
The translator's 34 dBu F(50-10) contour does not touch Canada.
Facility is okay with respect to Mexico. Distance to border = 2589.8 km.
Closest AM Facility is NEW, GREECE, NY, A, DA2 at 355.9° at a distance of 2.2 km
Facility is okay with respect to FCC monitoring stations.
Closest FCC Monitoring Station is 43.7 km= Canandaigua, NY
Facility is okay toward West Virginia Quiet Zone. Distance to center = 554.6 km
Facility is okay toward Table Mountain in Colorado. Distance to Center = 2321.1 km

V-Soft Cross-check

Mars Hill Broadcasting Co. Inc.

REFERENCE		CH# 270D - 101.9 MHz, Pwr= 0.08 kW, HAAT= 44.2 M, COR= 183.3 M						DISPLAY DATES		
43 10 18.0 N.		Average Protected F(50-50)= 5.3 km						DATA	11-22-08	
77 40 15.0 W.		Omni-directional						SEARCH	12-11-08	
CH	CALL	TYPE	ANT	AZI.	DIST	LAT.	Pwr (kW)	INT (km)	PRO (km)	*OUT*
CITY		STATE		<--	FILE #	LNG.	HAAT (M)	COR (M)	LICENSEE	(Overlap in km)
270D	W270BX	CP	C	30.4	7.6	43 13 49.0	0.080	17.4	5.3	-29.0
Greece		NY		210.4	BNPFT20080620ACZ	77 37 25.0		128	Mars Hill Broadcasting Co.	
267B	WRMM-FM	LIC	CX	229.5	0.2	43 10 13.0	27.000	6.3	68.2	-69.2*<
Rochester		NY		49.5	BMLH20060130ASF	77 40 23.0	195	338	Stephens Media Group - Roc	
271A	WJCA	LIC	ZCX	273.0	38.8	43 11 19.0	3.700	41.3	27.0	4.3
Albion		NY		92.6	BLED20011213ABE	78 08 53.0	129	309	Family Worship Center Chur	
273B	WTSS	LIC	CX	234.1	96.6	42 39 33.0	110.000	11.5	92.4	2.9
Buffalo		NY		53.4	BLH20020111AAW	78 37 33.0	355	752	Entercom Buffalo License,	
7/10/2006: Accepted as an overpowered class C1 facility in 7/10/06 letter to Canada (acceptance of channel 273B1, Kitchener, ON in response to Canadian 6/1/06 letter).										
273B	WTSS	CP	ZCX	232.8	97.6	42 38 15.0	110.000	11.4	91.6	4.7
Buffalo		NY		52.1	BPH20060531ADC	78 37 12.0	340	753	Entercom Buffalo License,	
272A	WVOR	LIC	CN	140.4	44.5	42 51 47.0	3.400	2.5	26.6	17.2
Canandaigua		NY		320.6	BLH19910726KC	77 19 22.0	86	358	Citicasters Licenses, L.p.	
Proposed to Canada as B1 on 910211-Specially negotiated short spaced allotment Ltd to 3.4Kw erp & 100m Ha at or equivalent towards Belleville ON-Accepted by Canada 910415										
269A	WLOF	LIC	ZC	237.1	66.1	42 50 51.0	3.200	41.9	27.8	30.7
Attica		NY		56.6	BLH20000103ABA	78 21 01.0	136	504	Holy Family Communications	
270A	WZKZ	LIC	C	186.5	109.7	42 11 25.0	1.000	79.5	27.7	64.6
Alfred		NY		6.4	BLH20000407ACZ	77 49 17.0	244	845	Pembrook Pines, Inc.	
269A	WFLK	LIC	CN	122.6	64.2	42 51 34.0	5.400	22.8	15.3	41.4
Geneva		NY		303.0	BMLH19960118KB	77 00 29.0	38	239	Mb Communications, Inc.	
Proposed to Canada as B1 on 901109-Accepted by Canada 901226										

Terrain database is FCC NGDC 30 Sec, R= 73.215 qualifying spacings or FCC minimum spacings in KM, M= Margin in KM
Contour distances are on direct line to and from reference station. Reference Zone = 1, Co to 3rd adjacent.
Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)
Incoming contour overlap is ignored.
"***"affixed to 'IN' or 'OUT' values = site inside protected contour.
"<" = Contour Overlap
Reference station has protected zone issue: AM tower

Call Chan 101.9

W270BX 270

Class 0. E ERP 4.9 km

Tr W 0.027

Site Top ~AGL

160 190 23

COR AMSL 82.96 HAAT

183 43.1 M90.0

Latitude Map Longitude

431018 774015

Owner

Mars Hill Broadcasting C

Owner Lat. Owner Lon.

Cities ^ V State

Greece NY

City Lat. dBu City Lon.

Find

→

Eval

Gather Plot Stations

Pop60 Area

0 0

Facld Apps Plot Scale

150636 750

ARN

BNPFT20080620ACZ

Trim 2dB

Call	Chan	St...	Dist	Az	City	St	*IN*	*OUT*	MaxPwr	Margin	HAAT	ERP kW	Owner
WRMM-F	267B	LIC	0.24	230	Rochester	NY	-10.1	-68.8	0.000		195	27.000	Stephens Media .
W270BX	270Tr	CP	7.56	31	Greece	NY	-17.0	-21.6	0.000		17	0.080	Mars Hill Broadca
CJLX	217B1	LIC	124.77	6	Belleville	ON					164	3.400	
WJCA	271A	LIC	38.85	273	Albion	NY	-6.5	6.1	0.000		129	3.700D	Family Worship C
WTSS	273B	LIC	96.55	234	Buffalo	NY	81.0	3.4	78.976		355	110.000	Entercom Buffalo
WTSS.C	273B	CP	97.62	233	Buffalo	NY	82.2	5.3	100.000		340	110.000D	Entercom Buffalo
WVOR	272A	LIC	44.50	140	Canandai...	NY	38.0	17.5	100.000		86	3.400	Citicasters Licens
WLOF	269A	LIC	66.07	237	Attica	NY	20.5	32.7	31.471		136	3.200D	Holy Family Com..
AL9927	272B	VAC	113.01	12	Belleville	ON	85.7	46.6	100.000		150	50.000	
WFLK	269A	LIC	64.21	123	Geneva	NY	37.3	43.2	60.530		38	5.400	Mb Communicatic
CFMT-TV	271C1	VAC	140.10	201	Belleville	ON	43.4	50.2	20.275		201	61.000	

lat = 433028, lon = 780130, dist = 47.10 km, az = 322, degr, site el = 70 m Thu Dec 11 23:12:35 2008

Call Chan 101.9

+ 44-00-00 N

W270BX 270

Class 0. E ERP 4.9 km

Tr W 0.027

Site Top ~AGL

160 190 23

COR AMSL 82.96 HAAT

183 43.1 M90.0

Latitude Map Longitude

431018 774015

Owner

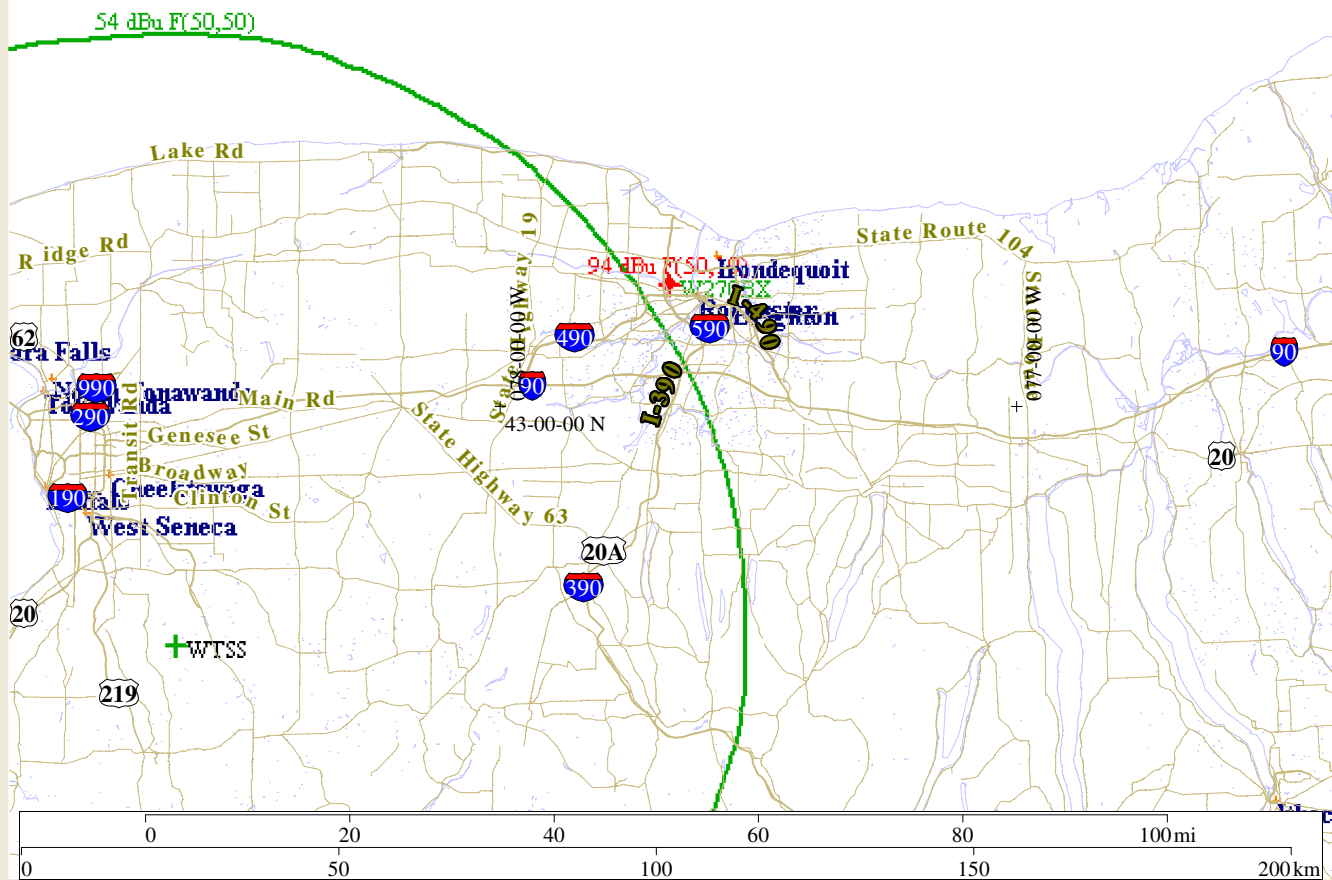
Mars Hill Broadcasting C

Owner Lat. Owner Lon.

Cities ^ V State

Greece NY

City Lat. dBu City Lon.



360 Rad 40.234 Plot 60 DLG Pops Twrs Trn Id Clear X

Call	Chan	St...	Dist	Az	City	St	*IN*	*OUT*	MaxPwr	Margin	HAAT	ERP kW	Owner
WRMM-F	267B	LIC	0.24	230	Rochester	NY	-10.1	-68.8	0.000		195	27.000	Stephens Media .
W270BX	270Tr	CP	7.56	31	Greece	NY	-17.0	-21.6	0.000		17	0.080	Mars Hill Broadca
CJLX	217B1	LIC	124.77	6	Belleville	ON					164	3.400	
WJCA	271A	LIC	38.85	273	Albion	NY	-6.5	6.1	0.000		129	3.700D	Family Worship C
WTSS	273B	LIC	96.55	234	Buffalo	NY	81.0	3.4	78.976		355	110.000	Entercom Buffalo
WTSS.C	273B	CP	97.62	233	Buffalo	NY	82.2	5.3	100.000		340	110.000D	Entercom Buffalo
WVOR	272A	LIC	44.50	140	Canandai...	NY	38.0	17.5	100.000		86	3.400	Citicasters Licens
WLOF	269A	LIC	66.07	237	Attica	NY	20.5	32.7	31.471		136	3.200D	Holy Family Com..
AL9927	272B	VAC	113.01	12	Belleville	ON	85.7	46.6	100.000		150	50.000	
WFLK	269A	LIC	64.21	123	Geneva	NY	37.3	43.2	60.530		38	5.400	Mb Communicatic
CFMT-TV	271C1	VAC	140.10	201	Belleville	ON	42.4	50.2	20.275		201	61.000	

lat = 440032, lon = 782318, dist = 109.57 km, az = 328, degr, site el = 136 m Thu Dec 11 23:13:46 2008

Call Chan 101.9

W270BX 270

Class 0. E ERP 4.9 km

Tr W 0.027

Site Top ~AGL

160 190 23

COR AMSL HAAT

183 43

Latitude Map Longitude

431018 774015

Owner

Mars Hill Broadcasting C

Owner Lat. Owner Lon.

Cities ^ V State

Greece NY

City Lat. dBu City lon.

Find

Eval

Gather PlotStations

Pop60 Area

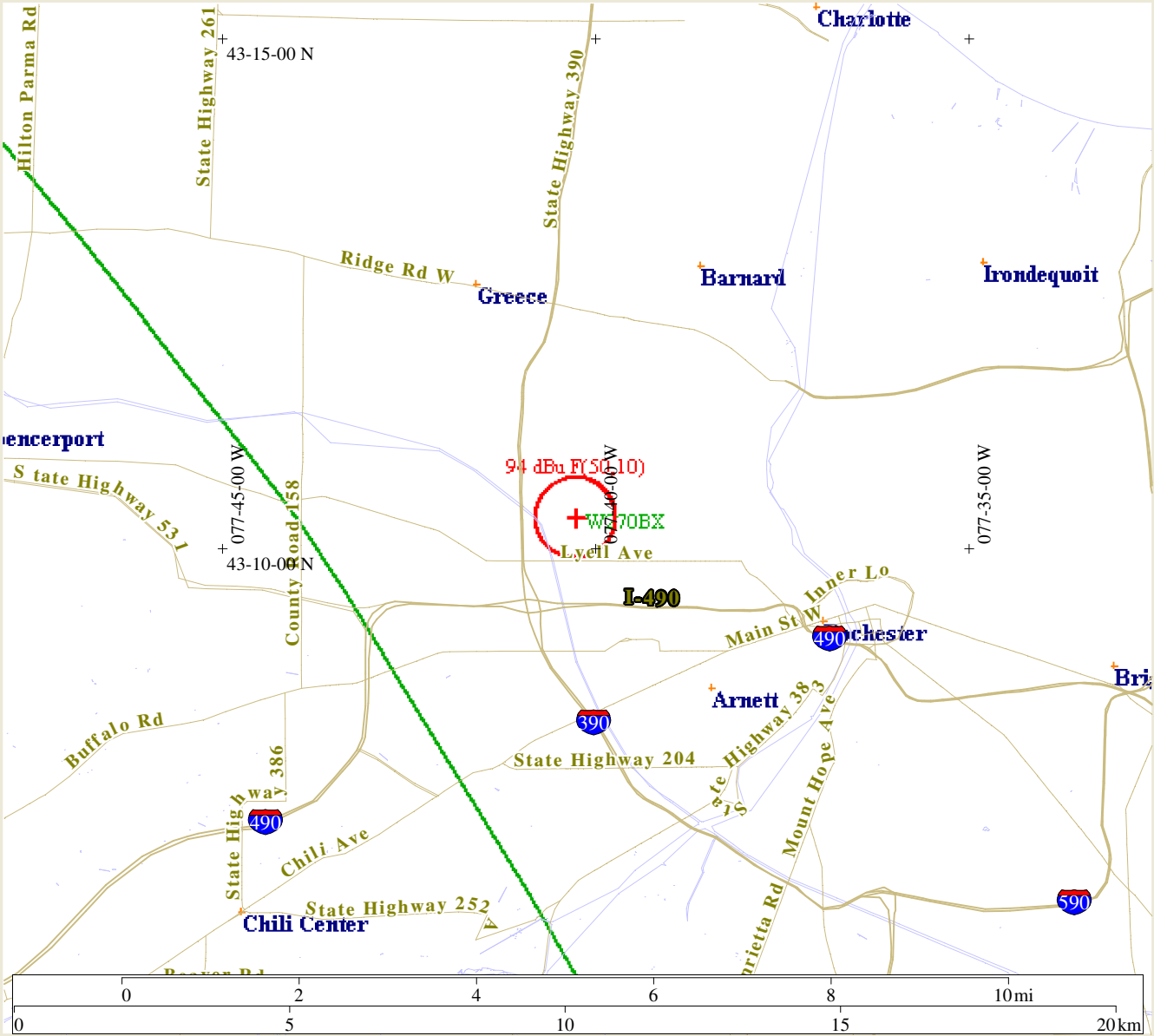
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Facld Apps Plot Scale

150636 3000

ARN

BNPFT20080620ACZ



Trim 2dB

☒ 360 Rad ☐ 40.234 ☐ Plot 60 ☒ DLG ☒ Pops ☐ Twrs ☐ Trn Id <- Clear X

Call	Chan	St...	Dist	Az	City	St	*IN*	*OUT*	MaxPwr	Margin	HAAT	ERP kW	Owner
WRMM-F	267B	LIC	0.24	230	Rochester	NY	-10.1	-68.8	0.000		195	27.000	Stephens Media .
W270BX	270Tr	CP	7.56	31	Greece	NY	-17.0	-21.6	0.000		17	0.080	Mars Hill Broadca
CJLX	217B1	LIC	124.77	6	Belleville	ON					164	3.400	
WJCA	271A	LIC	38.85	273	Albion	NY	-6.5	6.1	0.000		129	3.700D	Family Worship C
WTSS	273B	LIC	96.55	234	Buffalo	NY	81.0	3.4	78.976		355	110.000	Entercom Buffalo
WTSS.C	273B	CP	97.62	233	Buffalo	NY	82.2	5.3	100.000		340	110.000D	Entercom Buffalo
WVOR	272A	LIC	44.50	140	Canandai...	NY	38.0	17.5	100.000		86	3.400	Citicasters Licens
WLOF	269A	LIC	66.07	237	Attica	NY	20.5	32.7	31.471		136	3.200D	Holy Family Com..
AL9927	272B	VAC	113.01	12	Belleville	ON	85.7	46.6	100.000		150	50.000	
WFLK	269A	LIC	64.21	123	Geneva	NY	37.3	43.2	60.530		38	5.400	Mb Communicatic
CFMT-TV	271C1	VAC	140.10	201	Belleville	ON	42.4	50.2	20.275		201	61.000	

lat = 431520, lon = 774234, dist =9.84 km, az = 341, degr, site el = 90 m Thu Dec 11 23:16:07 2008

Call Chan 101.9

+ 44-00-00 N

W270BX 270

Class 0. E ERP 4.9 km

Tr W 0.027

Site Top ~AGL

160 190 23

COR AMSL HAAT

183 43

Latitude Map Longitude

431018 774015

Owner

Mars Hill Broadcasting C

Owner Lat. Owner Lon.

Cities ^ V State

Greece NY

City Lat. dBu City Lon.

Find

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Eval

Gather PlotStations

Pop60 Area

0 0

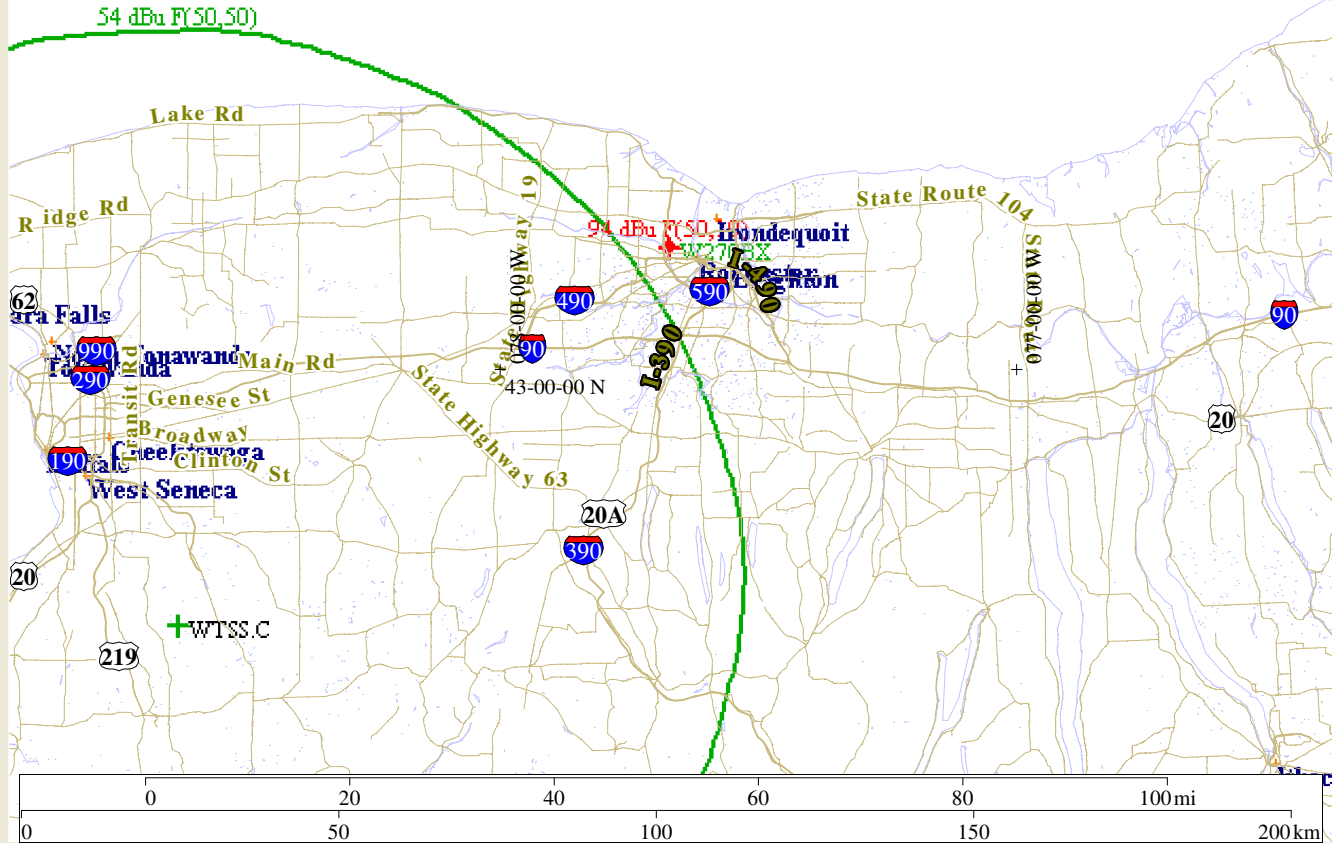
Facld Apps Plot Scale

150636 300

ARN

BNPFT20080620ACZ

Trim 2dB



360 Rad 40.234 Plot 60 DLG Pops Twrs Trn Id <- Clear X

Call	Chan	St...	Dist	Az	City	St	*IN*	*OUT*	MaxPwr	Margin	HAAT	ERP kW	Owner
WRMM-F	267B	LIC	0.24	230	Rochester	NY	-10.1	-68.8	0.000		195	27.000	Stephens Media .
W270BX	270Tr	CP	7.56	31	Greece	NY	-17.0	-21.6	0.000		17	0.080	Mars Hill Broadca
CJLX	217B1	LIC	124.77	6	Belleville	ON					164	3.400	
WJCA	271A	LIC	38.85	273	Albion	NY	-6.5	6.1	0.000		129	3.700D	Family Worship C
WTSS	273B	LIC	96.55	234	Buffalo	NY	81.0	3.4	78.976		355	110.000	Entercom Buffalo
WTSS.C	273B	CP	97.62	233	Buffalo	NY	82.2	5.3	100.000		340	110.000D	Entercom Buffalo
WVOR	272A	LIC	44.50	140	Canandai...	NY	38.0	17.5	100.000		86	3.400	Citicasters Licens
WLOF	269A	LIC	66.07	237	Attica	NY	20.5	32.7	31.471		136	3.200D	Holy Family Com..
AL9927	272B	VAC	113.01	12	Belleville	ON	85.7	46.6	100.000		150	50.000	
WFLK	269A	LIC	64.21	123	Geneva	NY	37.3	43.2	60.530		38	5.400	Mb Communicatic
CFMT-TV	271C1	VAC	140.10	201	Belleville	ON	42.4	50.2	20.275		201	61.000	

lat = 440042, lon = 785531, dist = 137.74 km, az = 313, degr, site el = 238 m Thu Dec 11 23:15:31 2008

CallChan 101.9

W270BX270

Class 0. E ERP 4.9 km

Tr W 0.027

SiteTop~AGL

16019023

COR AMSL HAAT

18343

LatitudeMapLongitude

431018774015

Owner

Mars Hill Broadcasting C

Owner Lat. Owner Lon.

Cities^ V State

GreeceNY

City Lat. dBu City lon.

Find

Eval

GatherPlotStations

Pop60Area

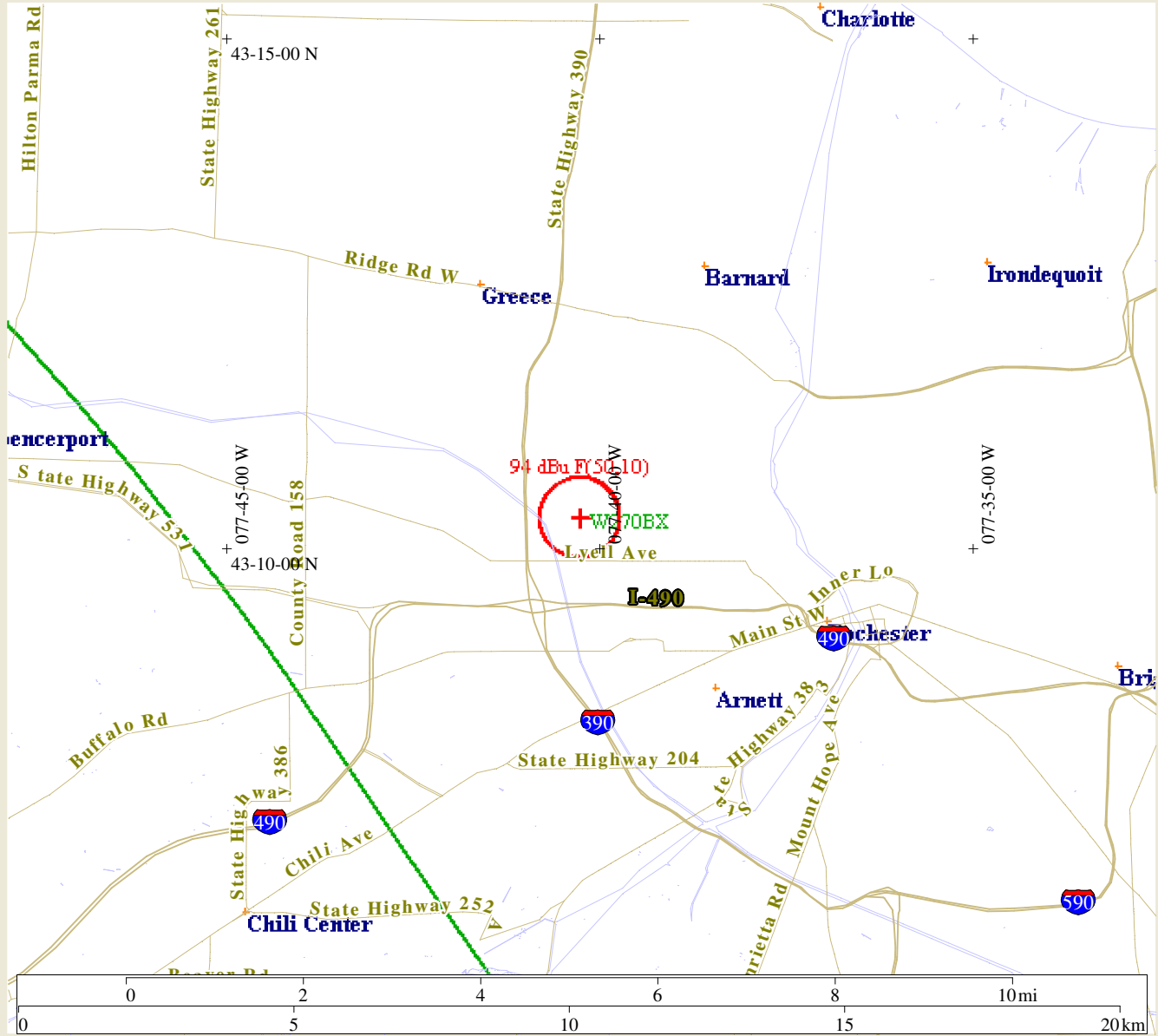
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Facld AppsPlot Scale

1506363000

ARN

BNPFT20080620ACZ



Trim 2dB

☒ 360 Rad ☐ 40.234 ☐ Plot 60 ☒ DLG ☒ Pops ☐ Twrs ☐ Trn Id <- Clear X

Call	Chan	St...	Dist	Az	City	St	*IN*	*OUT*	MaxPwr	Margin	HAAT	ERP kW	Owner
WRMM-F	267B	LIC	0.24	230	Rochester	NY	-10.1	-68.8	0.000		195	27.000	Stephens Media .
W270BX	270Tr	CP	7.56	31	Greece	NY	-17.0	-21.6	0.000		17	0.080	Mars Hill Broadca
CJLX	217B1	LIC	124.77	6	Belleville	ON					164	3.400	
WJCA	271A	LIC	38.85	273	Albion	NY	-6.5	6.1	0.000		129	3.700D	Family Worship C
WTSS	273B	LIC	96.55	234	Buffalo	NY	81.0	3.4	78.976		355	110.000	Entercom Buffalo
WTSS.C	273B	CP	97.62	233	Buffalo	NY	82.2	5.3	100.000		340	110.000D	Entercom Buffalo
WVOR	272A	LIC	44.50	140	Canandai...	NY	38.0	17.5	100.000		86	3.400	Citicasters Licens
WLOF	269A	LIC	66.07	237	Attica	NY	20.5	32.7	31.471		136	3.200D	Holy Family Com..
AL9927	272B	VAC	113.01	12	Belleville	ON	85.7	46.6	100.000		150	50.000	
WFLK	269A	LIC	64.21	123	Geneva	NY	37.3	43.2	60.530		38	5.400	Mb Communicatic
CFMT-TV	271C1	VAC	140.10	201	Belleville	ON	42.4	50.2	20.275		201	61.000	

lat = 431518, lon = 774226, dist =9.73 km, az = 342, degr, site el = 90 m Thu Dec 11 23:16:40 2008

Exhibit A
Terrain and Contour Data
NY Greece W270BX

ERP 0.027 kW
N. Lat. 43 10 18
W. Lon. 77 40 15
Center of Radiation 183.00 m AMSL

Azimuth Deg T.	Avg Elev 3-16 km Meters AMSL	Effective Antenna Ht Meters AAT	ERP Kilowatts	Distance to Contour (km) 34.0 dBu F(50,10)
0	95.0	88.0	0.0270	33.1
30	93.0	90.0	0.0270	33.6
60	107.5	75.5	0.0270	30.3
90	129.6	53.4	0.0270	25.6
120	151.9	31.1	0.0270	19.3
150	170.3	12.7	0.0270	19.0
180	170.6	12.4	0.0270	19.0
210	168.6	14.4	0.0270	19.0
240	177.1	5.9	0.0270	19.0
270	178.7	4.3	0.0270	19.0
300	130.9	52.1	0.0270	25.3
330	106.1	76.9	0.0270	30.6
Average	139.942	43.058	<--HAAT m	
Area	(sq. km.)			1974.45
2000 Grouped Population				665,282

Call Chan 101.9

W270BX 270

Class 28.5 ERP 4.9 km

A 0.027

Site Top ~AGL

160 190 23

COR AMSL HAAT

183 43

Latitude Map Longitude

431018 774015

Owner

Mars Hill Broadcasting C

Owner Lat. Owner Lon.

Cities ^ V State

Greece NY

City Lat. dBu City Lon.

Find

Plot Stations

Pop60 Area

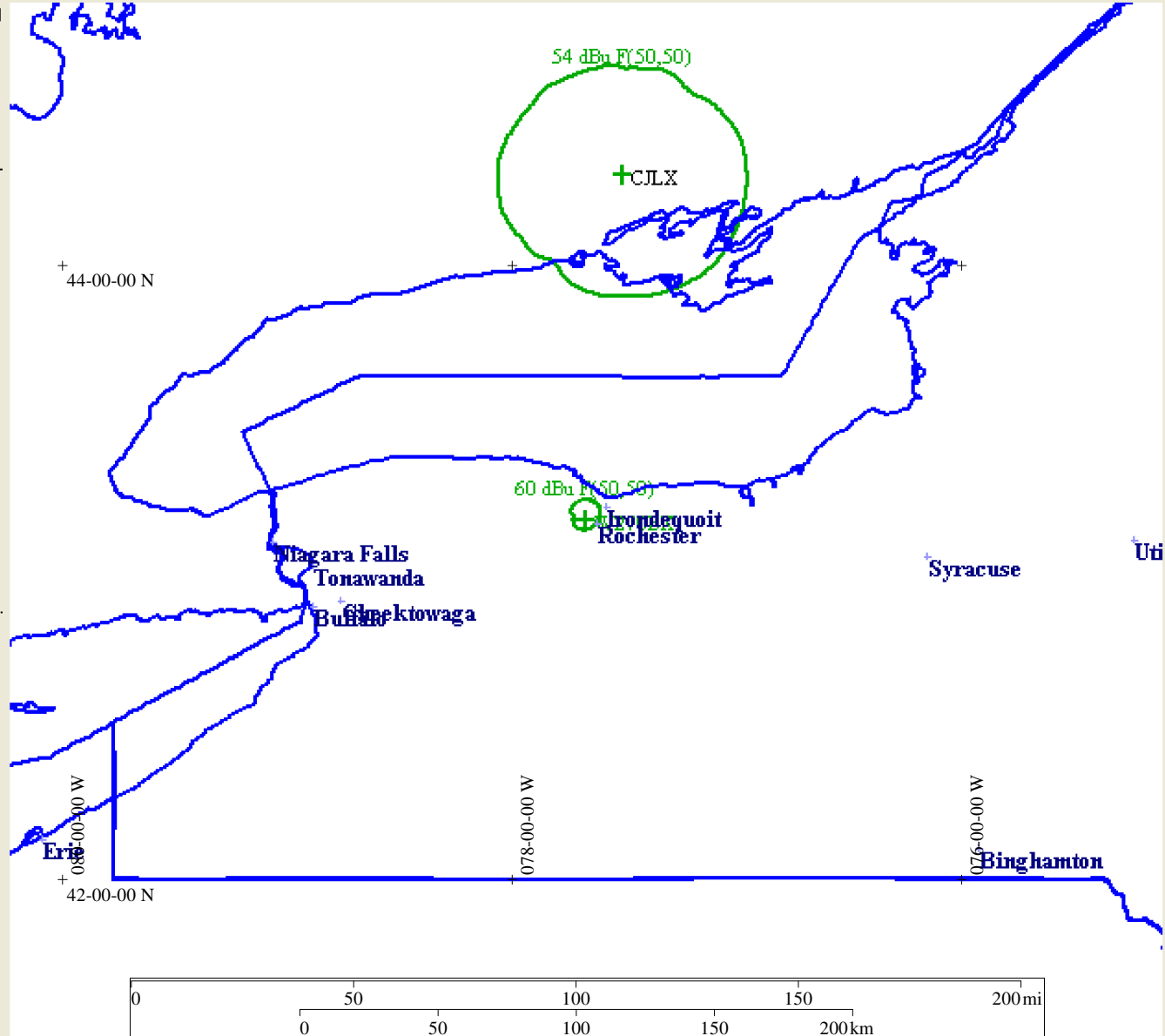
143962 89

Facid Apps Plot Scale

150636 150

ARN

BNPFT20080620ACZ



Trim 2dB

☒ 360 Rad ☐ 40.234 ☐ Plot 60 ☒ DLG ☐ Pops ☐ Twrs ☐ Trn Id

<- Clear X

Call	Chan	St...	Dist	Az	City	St	*IN*	*OUT*	MaxPwr	Margin	HAAT	ERP kW	Owner
WRMM-F	267B	LIC	0.24	230	Rochester	NY	-10.1	-68.8	0.000	-68.26	195	27.000	Stephens Media .
W270BX	270Tr	CP	7.56	31	Greece	NY	-17.0	-21.6	0.000	8.06	17	0.080	Mars Hill Broadca
CJLX	217B1	LIC	124.77	6	Belleville	ON				113.27	164	3.400	
WJCA	271A	LIC	38.85	273	Albion	NY	-6.5	6.1	0.000	-32.65	129	3.700D	Family Worship C
WTSS	273B	LIC	96.55	234	Buffalo	NY	81.0	3.4	78.976	28.05	355	110.000	Entercom Buffalo
WTSS.C	273B	CP	97.62	233	Buffalo	NY	82.2	5.3	100.000	29.12	340	110.000D	Entercom Buffalo
WVOR	272A	LIC	44.50	140	Canandai...	NY	38.0	17.5	100.000	14.00	86	3.400	Citicasters Licens
WLOF	269A	LIC	66.07	237	Attica	NY	20.5	32.7	31.471	-5.43	136	3.200D	Holy Family Com..
AL9927	272B	VAC	113.01	12	Belleville	ON	85.7	46.6	100.000	35.51	150	50.000	
WFLK	269A	LIC	64.21	123	Geneva	NY	37.3	43.2	60.530	-7.29	38	5.400	Mb Communicatic
CFMT-TV	271C1	VAC	140.10	201	Belleville	ON	42.4	50.2	20.275	10.40	201	61.000	

lat = 445024, lon = 785006, dist =207.55 km, az = 333, degr, site el = 300 m Sun Dec 14 22:57:09 2008