

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.

US Stations

In the attached tabular printout, only AP249, WYXL, WHWK, and WHWK.A have outgoing contour overlaps from the proposed translator, so no interference to other stations is anticipated. Incoming overlap is not prohibited.

AP249 is the current application, and need not be protected.

WYXL, WHWK, and WHWK.A are second 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) signals from WYXL, WHWK and WHWK.A at the proposed site are 110.7 dBu, 59.0 dBu, and 59.8 dBu. The least, and consequently most difficult to protect, of these is WHWK.

The F(50,50) signal from WHWK at the proposed site is 59.0 dBu. A 40 dB ratio of undesired to desired signal strength gives an allowable interfering F(50,10) field strength of 99.0 dBu. The radius of the interfering contour for an ERP of 3 Watts is 136.32 meters. This is entirely contained in the 140 meter circle on the appended map. There are no habitable buildings in the circle. The equipment building is not considered habitable. Hence §74.1204(d) applies, and the predicted area of interference is acceptable to the Commission due to lack of population.

Canadian Consideration

The proposed translator is 136 km from the nearest point in Canada, within the 320 km limit established by treaty. The 0.003 kW ERP does not exceed the maximum 250 Watts, and the maximum 33.0 km F(50,10) 34 dBu contour (see data printout) does not exceed the statutory 60 km. No Canadian stations were found in the search. Because the 34 dBu F(50,10) contour does not cross the common border (33.0 km maximum contour distance is not greater than the 136 km minimum distance to Canada), Canadian concurrence is not required. The relevant document for this analysis is the July 9, 1997 modification to the February 25, 1991 agreement.

Exhibit 12

Calvary Chapel of the Finger Lakes

REFERENCE CH# 249D - 97.7 MHz, Pwr= 0.003 kW, HAAT=263.0 M, COR= 492 M DISPLAY DATES
 42 26 56 N Average Protected F(50-50)= 6.75 km DATA 08-21-03
 76 23 56 W Ave. F(50-10) 40 dBu= 23.4 54 dBu= 9.9 80 dBu= 1.2 100 dBu= .1 SEARCH 08-28-03

CH CITY	CALL	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr (kW) HAAT (M)	COR (M) INT (km)	PRO (km) LICENSEE	*IN* (Overlap in km)	*OUT*
249D Mt Pleasant	AP249	APP C NY	0.0 180.0	0.00 BNPFT20030317KCV	42 26 56 76 23 56	0.001 128	492 14.4	3.5 Calvary Chapel Of The Fing	-16.17*	-17.96*
247B Ithaca	WYXL	LIC CN NY	49.8 229.8	2.78 BLH6385	42 27 54 76 22 23	26.000 297	644 0.2	72.5 Eagle Broadcasting Company	-8.20*	-69.97*
GRANDFATHERED AT 26KW @ 268M HAAT.										
249A Big Flats	WGMM	LIC ZCN NY	238.8 58.8	65.55 BLH19990422KG	42 08 31 77 04 40	0.610 141	626 20.1	19.5 Eolin Broadcasting, Inc.	-1.15	25.99
252D Ithaca	W252AA	LIC DHN NY	251.5 71.5	8.96 BLFT19820429IW	42 25 24 76 30 08	0.000 -144	280 0.1	0.0 Clear Channel Broadcasting	2.28	8.84
TRANSLATOR FOR WRLX, AUBURN, N.Y.										
251B Binghamton	WHWK«	LIC C NY	139.5 319.5	56.93 BLH19990715KA	42 03 31 75 57 06	10.000 372	688 0.2	68.3 Citadel Broadcasting Compa	48.57	-11.58*
251B Binghamton	WHWK.A«	APP DCX NY	139.0 319.0	57.04 BPH20030227ABR	42 03 40 75 56 45	6.700 475	790 0.2	71.1 Citadel Broadcasting Compa	48.93	-14.26*
249D Mattydale	W249BC	LIC C NY	17.5 197.5	71.12 BLFT20000317ACF	43 03 33 76 08 10	0.120 3	199 16.6	5.9 Metro Tv, Inc.	46.50	48.61
249D Norwich	DW249A	LIC DCN NY	85.2 265.2	75.45 BLFT19911121TB	42 30 07 75 29 03	0.001 114	554 7.4	3.4 Calvary Baptist Church	62.09	64.67
Translator For WMHR, Syracuse, NY										

 "**Affixed to 'IN' or 'Out' values = site inside protected contour.
 ERP and HAAT are on direct line to and from reference station.
 "«" = Station meets FCC minimum distance spacing for its class.

Exhibit 12

Mt Pleasant, NY

E

N

140 m radius

N42° 26' 56.00"
W76° 23' 56.00"

1500

1550

1450



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Zoom Level: 15-0 Datum: NAD27

Scale 1 : 6,000

1" = 152.40 m



Exhibit 12
 Canadian Terrain and Contour Data
 AP249 Mt Pleasant, NY

ERP 0.003 kW
 N. Lat. 42 26 56
 W. Lon. 76 23 56
 Center of Radiation 492.00 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	376.9	115.1	0.0030	21.8
30	359.7	132.3	0.0030	23.4
60	442.5	49.5	0.0030	13.5
90	474.5	17.5	0.0030	10.6
120	480.6	11.4	0.0030	10.6
150	432.2	59.8	0.0030	14.8
180	363.5	128.5	0.0030	23.0
210	392.8	99.2	0.0030	20.1
240	291.4	200.6	0.0030	28.8
270	273.0	219.0	0.0030	30.1
-->300	228.9	263.1	0.0030	33.0<--
330	332.4	159.6	0.0030	25.8
Average	370.700	121.300	<--HAAT m	