

Exhibit 13-B
Section 74.1204
Contour Protection to WXSS

This exhibit has been prepared to demonstrate that the proposed W277CV modification will not cause prohibited interference to WXSS, Channel 279B, Wauwatosa, Wisconsin. The WXSS F(50,50) protected contour at the W277CV application site is 109.9 dBu. Therefore the W277CV F(50,10) interfering contour with respect to WXSS is the 149.9 dBu contour. Using the FCC's FM propagation curves program, the 149.9 dBu contour was calculated to extend just 4 meters from the W277CV antenna. Since the proposed W277CV transmit antenna will be mounted 269 meters above ground level, the interfering contour with respect to WXSS does not reach the ground.

It is believed that the proposed modification to W277CV will not cause prohibited interference to WXSS as no interference reaches the ground.

W277CV CP Mod
Milwaukee, WI
Latitude: 43-06-42 N
Longitude: 087-55-50 W
ERP: 0.25 kW
HAAT: 256.51 m
Channel: 277
Frequency: 103.3 MHz
AMSL Height: 458.9 m
Elevation: 189.9 m
Horiz. Pattern: Directional
Vert. Pattern: No
Prop Model: None

WXSS
Wauwatosa, WI
Latitude: 43-05-48 N
Longitude: 087-54-18 W
ERP: 19.50 kW
HAAT: 257 m
Channel: 279
Frequency: 103.7 MHz
AMSL Height: 466.0 m
Elevation: 192.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

Exhibit 13-B Section 74.1204 Contour Protection
WXSS Channel 279B Wauwatosa, Wisconsin

WXSS FCC F(50,50)
109.9 dBu contour

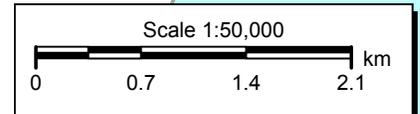
+ W277CV CP Mod

Whitefish Bay

+ WXSS

Shorewood

HORIZON
BROADCAST SOLUTIONS



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Select Contour Type: F(50,50) Service Contour -- FM and NTSC (analog) TV
F(50,10) Interfering Contour
 F(50,90) Digital TV Service Contour

Select Channel Range: (not TV Virtual Channel) FM Radio or TV Transmit Channels 2-6
 TV Transmit Channels 7-13
 TV Transmit Channels 14-69

Find This: Field Strength, given a Distance (in km)
Distance, Given a Field Strength (in dBu)
 FM ERP, given Distance and Field Strength [F(50,50) Service Contour]

ERP (kW) Distance (km)

HAAT (meters) Field (dBu)

Results:

Calculated Distance = 0.004 km

Free Space equation used to compute distance.

This function uses the FCC's CURVES program to make calculations of the F(50,50) FM and NTSC (analog) TV service curves, the F(50,10) interfering signal curves, and the F(50,90) digital TV service curves. Printable copies of these propagation curves are available at [FM and TV Propagation Curves Graphs \(/media/radio/fm-and-tv-propagation-curves-graphs\)](https://www.fcc.gov/media/radio/fm-and-tv-propagation-curves-graphs).

SCHOOL DISTRICT OF WHITEFISH BAY
1200 East Fairmount Avenue
Whitefish Bay, WI 53217

Summary of the Committee of the Whole Meeting of the Whitefish Bay School Board

Wednesday January 25, 2017

Whitefish Bay High School, Room 47

Meeting called to order at 9:55 PM

Members present

Anne Kearney, Kristin Yunker, Doug Armstrong, Pam Woodard, Jennifer Dragseth, Sandy Saltzstein, Kristin Bencik

1. OPENING OF MEETING

Procedural: A. Call to Order

Board President, Anne Kearney, called the meeting to order.

2. AGENDA ITEM

Discussion, Information: A. Radio Station Discussion

At a February 24, 2016 Committee of the Whole Meeting, the Board noted the deadline for fundraising/collecting \$120,000 to fund the Community Radio Station project would be February 15, 2017. It was noted, to date, the community radio station citizen group has raised approximately \$3,250.

The Board discussed the request from the community radio station citizen group to decrease the set fundraising target to \$90,000 as well as to extend the fundraising timeline beyond February 15, 2017.

The Board was in consensus to adhere to the goal of \$120,000 fund-raised by February 15, 2017. Should this goal not be met the School Board will not be able to support a Community Radio Station project.

3. PUBLIC COMMENT ON AGENDA ITEM/S

Information: A. Public Comment or Public Participation on Agenda Items

John Davis, 5325 N. Santa Monica, spoke as the Community Radio Station Citizens Group representative. He noted the citizens group is working hard on securing donors and many of them are ready to lend support.

4. ADJOURNMENT

Procedural: A. Adjourn Meeting

The meeting adjourned at 10:08 PM



Agenda Item Details

Meeting Feb 22, 2017 - B. Special Meeting -- following Instruction Meeting

Category 3. ACTION

Subject A. Possible Approval of Action(s) Based Upon Discussion

Type Action

Recommended Action The School Board for the School District of Whitefish Bay approves the action(s) as determined.

Motion & Voting

Be it resolved that the School Board for the School District of Whitefish Bay approves taking all necessary steps, as the permittee Whitefish Bay School District Board FCC Facility Id 196705, to relinquish the Community Radio Station LPFM Broadcast Station construction license for its assigned frequency and the call letters of its assigned LPFM frequency.

Motion by Kristin Yunker, second by Doug Armstrong.

Final Resolution: Motion Carried

Yes: Kristin Yunker, Doug Armstrong, Pam Woodard, Jennifer Dragseth, Sandy Saltzstein, Kristin Bencik

Chair Non Voting: Anne Kearney

Exhibit 13-D
Section 74.1204
Contour Protection to WHQG

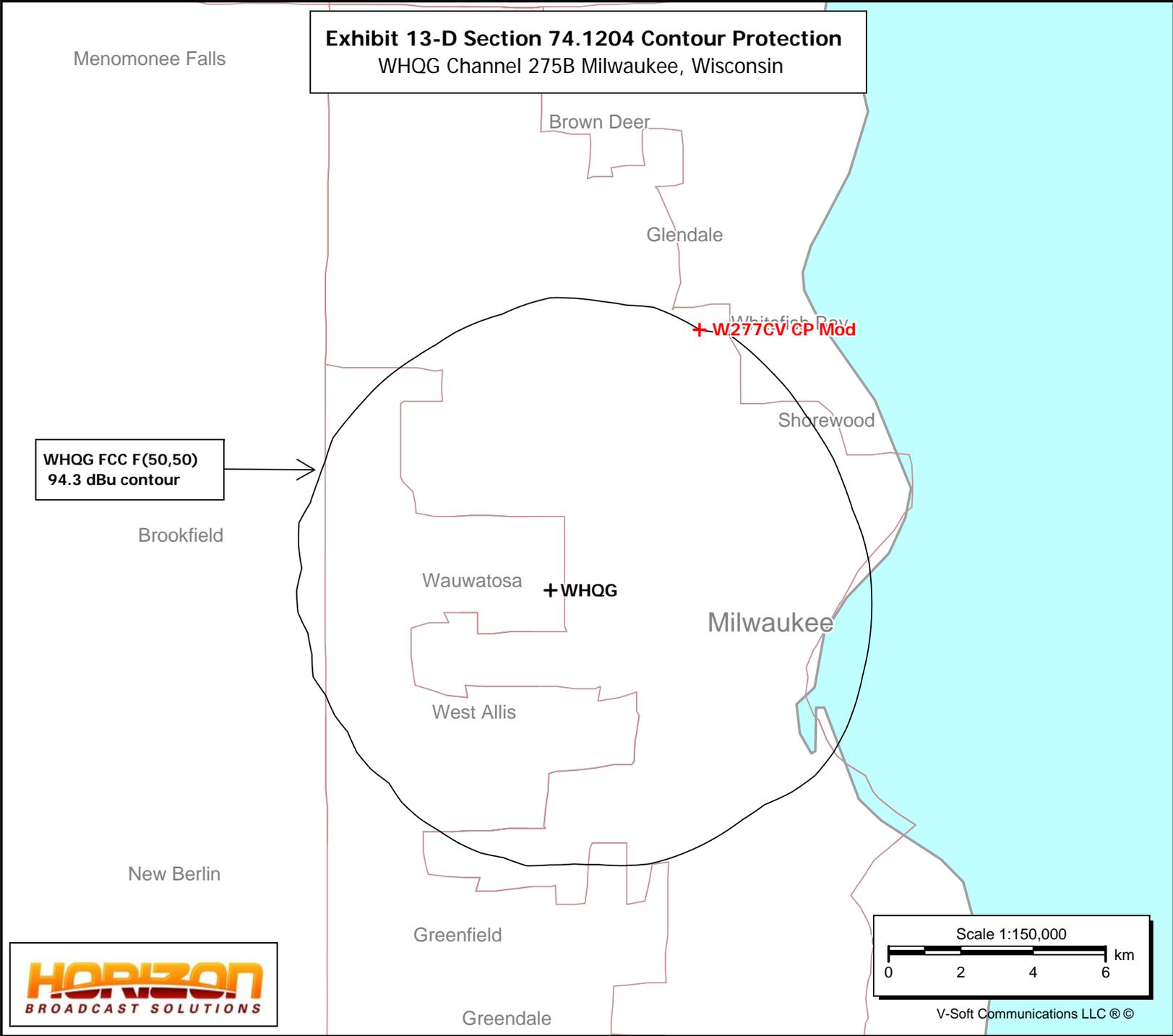
This exhibit has been prepared to demonstrate that the proposed W277CV modification will not cause prohibited interference to WHQG, Channel 275B, Milwaukee, Wisconsin. The WHQG F(50,50) protected contour at the W277CV application site is 94.3 dBu. Therefore the W277CV F(50,10) interfering contour with respect to WHQG is the 134.3 dBu contour. Using the FCC's FM propagation curves program, the 134.3 dBu contour was calculated to extend just 21 meters from the W277CV antenna. Since the proposed W277CV transmit antenna will be mounted at 269 meters above ground level, the interfering contour with respect to WHQG will not reach the ground. There are no high rise buildings in the area around the tower.

It is believed that the proposed modification to W277CV will not cause prohibited interference to WHQG as no interference reaches the ground.

W277CV CP Mod
Milwaukee, WI
Latitude: 43-06-42 N
Longitude: 087-55-50 W
ERP: 0.25 kW
HAAT: 338.51 m
Channel: 277
Frequency: 103.3 MHz
AMSL Height: 540.9 m
Elevation: 189.9 m
Horiz. Pattern: Directional
Vert. Pattern: No
Prop Model: None

WHQG
Milwaukee, WI
Latitude: 43-02-49 N
Longitude: 087-58-52 W
ERP: 50.00 kW
HAAT: 130 m
Channel: 275
Frequency: 102.9 MHz
AMSL Height: 349.0 m
Elevation: 214.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

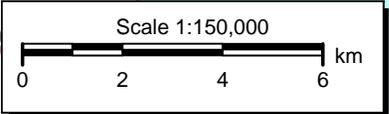
Exhibit 13-D Section 74.1204 Contour Protection
WHQG Channel 275B Milwaukee, Wisconsin



WHQG FCC F(50,50)
94.3 dBu contour

+ W277CV CP Mod

+ WHQG



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Select Contour Type:

| |
|---|
| F(50,50) Service Contour -- FM and NTSC (analog) TV |
| F(50,10) Interfering Contour |
| F(50,90) Digital TV Service Contour |

Select Channel Range:
(not TV Virtual Channel)

| |
|---|
| FM Radio or TV Transmit Channels 2-6 |
| TV Transmit Channels 7-13 |
| TV Transmit Channels 14-69 |

Find This:

| |
|--|
| Field Strength, given a Distance (in km) |
| Distance, Given a Field Strength (in dBu) |
| FM ERP, given Distance and Field Strength [F(50,50) Service Contour] |

ERP (kW)

Distance (km)

HAAT (meters)

Field (dBu)

Results:

Calculated Distance = 0.021 km

Free Space equation used to compute distance.

WGTD-FM
Gateway Technical College
3520 30th Avenue
Kenosha, WI 53140

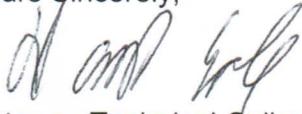
Marlene H. Dortch, Secretary
Federal Communications Commission
445 12th Street SW
Washington, DC 20554

Re: Translator Construction Permit BPFT-20151130AAK for W277BM FCC Facility ID 147272

Dear Secretary Dortch:

Gateway Technical College ("Gateway") is the licensee of Translator W277BM, Lake Geneva, Wisconsin. Gateway also holds the above captioned Construction Permit to modify W277BM. Gateway no longer intends to modify W277BM and wishes to surrender the above captioned Permit for cancellation.

Yours Sincerely,



Gateway Technical College

By: *David Cole*
WGTD BM

Its:

W277CV.CP Mod
Milwaukee, WI
BPFT20160106ABI
Latitude: 43-06-42 N
Longitude: 087-55-50 W
ERP: 0.25 kW
HAAT: 256.51 m
Channel: 277
Frequency: 103.3 MHz
AMSL Height: 458.9 m
Elevation: 189.9 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

W277BM
Lake Geneva, WI
BLFT20070822ABK
Latitude: 42-36-38 N
Longitude: 088-26-03 W
ERP: 0.019 kW
HAAT: 73.6 m
Channel: 277
Frequency: 103.3 MHz
AMSL Height: 353.0 m
Elevation: 311.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

Exhibit 13-F Section 74.1204 Contour Protection
W277BM Channel 277D Lake Geneva, WI

W277CV FCC F(50,10)
40 dBu contour

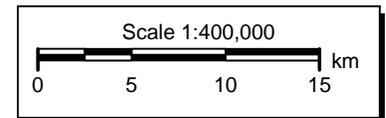
W277BM FCC F(50,50)
60 dBu contour

Walworth

+ W277BM



McHenry



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W277CV.CP Mod
Milwaukee, WI
BPFT20160106ABI
Latitude: 43-06-42 N
Longitude: 087-55-50 W
ERP: 0.25 kW
HAAT: 256.51 m
Channel: 277
Frequency: 103.3 MHz
AMSL Height: 458.9 m
Elevation: 189.9 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

W277BR
Sheboygan, WI
BLFT20080229AAQ
Latitude: 43-45-56 N
Longitude: 087-45-59 W
ERP: 0.055 kW
HAAT: 43.6 m
Channel: 277
Frequency: 103.3 MHz
AMSL Height: 248.0 m
Elevation: 213.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

Exhibit 13-G Section 74.1204 Contour Protection
W277BR Channel 277D Sheboygan, WI

