

NARRATIVE STATEMENT

Pursuant to Sections 5.3 (b), (e), (f), and (h), 5.51 and 5.53 of the Federal Communications Commission ("FCC") rules, 47 C.F.R. §§ 5.3 (b),(e), (f) & (h), 5.51, 5.53 (2014), GatesAir Inc. hereby respectfully requests experimental authority to operate in the 572-578 MHz band for the purpose of evaluating prototype next-generation TV standard ("ATSC 3.0") broadcast technologies at a test site in Parma, Ohio.

Grant of this application would serve to replace the existing special temporary authority ("STA") issued to GatesAir for this experimentation granted under File No. 0211-EX-ST-2015 and call sign WI9XJY. As provided under Section 5.61(c) of the Commission's rules, 47 C.F.R. § 5.61(c) (2014), this application is also intended to serve as a continuance or extension of the authority granted to GatesAir to operate as permitted under its STA pending action on the application. GatesAir understands that such continuance or extension applies only to the operations authorized and as conditioned under that STA and that it must await action on this application for a regular license before it may operate in any manner proposed in this application that is at variance with operations authorized or conditioned under the STA. The extension is necessary to allow GatesAir to continue its tests pending Commission action.

A. Purpose of Operation and Need for Authority:

GatesAir is actively involved with the ongoing work by the Advanced Television Systems Committee ("ATSC") to develop the next-generation ATSC Digital standard. The requested authority will be used to test the various components being proposed for the new standard as well as allowing for a comparison to the existing standard. Specifically, grant of an experimental license will allow GatesAir to continue its evaluation of prototype technologies and obtain feedback so that it may enhance the industry's efforts to design, develop and improve next-generation broadcast services available to viewers.

In order to conduct a meaningful field test, it is necessary to deploy a full scale system. No programming would be received or viewable by the general public during these tests, however.

B. Location of Proposed Operation:

GatesAir proposes to conduct the demonstrations at its site in Parma, Ohio. The address and reference coordinates for the test location are provided below:

4501 W Pleasant Valley Road
Parma, Ohio 44134

41° 21' 48.0" North Latitude
-81° 42' 57.0" West Longitude
Datum: NAD83

C. Technical Specifications:

1. Frequencies Desired

GatesAir requests authorization to operate in the 572-578 MHz band previously used during the DTV transition.

2. Effective Radiated Power

All power levels will comply with the limits set forth in the FCC's rules, including those relating to human exposure to radiation. The transmitter will be configured to operate at a maximum mean power level of 600 kW effective radiated power ("ERP"). GatesAir will reduce the actual powers to the minimum power needed for successful operation, based on set-up and testing at the demonstration site.

3. Modulation and Emissions

GatesAir proposes to operate using ATSC 3.0-type modulation. The primary emission designator is 6M00W7W. Other emission modes may be utilized, but in no event will the emissions extend beyond the frequency bands requested. In addition, the proposed facility will fully comply with the existing emission mask to limit any harmful out of band emissions.

4. Antenna Information

The proposed facility will utilize a channel 31 transmission system previously operated during the DTV transition. An omni-directional antenna will be located on a tower currently registered under ASR number 1054608 (copy attached) and will be positioned below the licensed channel 8 antenna of Television Station WJW Cleveland, Ohio; therefore, there will be no increase in the overall tower height.

The height of the antenna for the transmitter is 245 meters and the ground elevation is 354 meters above mean sea level. No antennas will be mounted in a fashion that will require further approval under FAA and FCC rules and regulations.

D. Protection Against Causing Interference:

As noted above, the proposed facility will utilize a channel 31 transmission system previously operated during the DTV transition. Because the nearby co-channel and adjacent channel environment has changed very little since the end of the DTV transition, GatesAir expects that it will be possible to deploy the proposed facilities without causing any new interference to any other existing station. An OET-69 study was performed (results attached) which verifies that, except as discussed below, no new interference will be caused to other broadcast stations or operations. In addition, an allotment for this channel has previously been agreed to by Canada with parameters that are even slightly higher than herein proposed (625 kW vs. 600 kW); therefore no additional international coordination is required.

The only potentially adversely affected station is a nearby adjacent channel Low Power Television Station (WRAP-LP channel 32). GatesAir coordinated with the owner of that station, however, and obtained its consent to the operation under the STA granted under File No. 0211-EX-ST-2015 and call sign WI9XJY. As a result, the tests under the STA were

conducted without any reported instances of interference. GatesAir will also obtain the owner's consent to the operations proposed in this application to conduct tests beyond the expiration date of the STA. It does not expect such further testing to cause interference, however, given that the licensee of WRAP-LP channel 32 has temporarily discontinued its operations and is in the process of re-locating and converting its station to digital facilities. See generally FCC File Nos. BLSTA - 20150320AAZ, 0000001149 and 0000001539.

Furthermore, test operations would not be continuous during the term of the license. GatesAir has requested a two-year license to provide it with flexibility to conduct tests from time to time during the license term.

Last, GatesAir has taken steps to protect against interference to other licensees in the area, including auxiliary broadcast licensees authorized under Part 74 of the FCC's rules. It has already discussed the proposed operation with the local Society of Broadcast Engineers ("SBE") frequency coordinator and will continue to coordinate with Part 74 licensees through the local SBE frequency coordinator.

E. Restrictions on Operation:

GatesAir is not seeking authority to perform a market study under the requested license. As noted above, no programming would be received or viewable by the general public during these tests. Moreover, no fees will be charged to entities using the equipment during this test. After the test is completed, GatesAir will disassemble the demonstration facilities.

GatesAir also recognizes that any experimental authority must not cause harmful interference to authorized facilities. In the unlikely event interference occurs, GatesAir will take immediate steps to resolve the interference, including discontinuance of operation if necessary.

Entities will be advised in accordance with Section 2.803 of the Commission's rules, 47 C.F.R. §2.803 (2014), that any unapproved devices used during the evaluation which have not been authorized as required by the FCC are not being offered for sale or lease, or sold or leased, until authorization is obtained.

F. Public Interest:

GatesAir submits that issuance of an experimental license as requested is in the public interest, convenience, and necessity. Grant of such authority will help GatesAir to develop innovative equipment that will accommodate the needs of the viewing public.

G. Contact Information:

For questions about this application, please contact:

John Burgett
Wiley Rein LLP
1776 K Street, N.W.
Washington, DC 20006
Telephone: (202) 719-4239
Facsimile: (202) 719-7207
jburgett@wileyrein.com

In the unlikely event interference concerns should arise during the term of authorization, please contact either:

Jay C. Adrick
Technology Advisor
GatesAir Inc.
5300 Kings Island Dr., Suite 101
Mason, OH 45040-2353 USA
Office: (513) 561-3037
jay.adrick@gatesair.com

Dennis Wallace
Meintel, Sgrignoli, & Wallace, LLC
1282 Smallwood Drive, Suite 372
Waldorf, MD. 20603
(202) 251-7589
Dennis.Wallace@mswdtv.com

ASR Registration Search

Registration 1054608[✦ Map Registration](#)**Registration Detail**

Reg Number	1054608	Status	Constructed
File Number	A0907052	Constructed	05/16/2001
EMI	No	Dismantled	
NEPA	No		

Antenna Structure

Structure Type TOWER - Free standing or Guyed Structure used for Commu

Location (in NAD83 Coordinates)

Lat/Long	41-21-48.0 N 081-42-57.0 W	Address	4501 W PLEASANT VALLEY RD
City, State	PARMA , OH		
Zip	44134	County	CUYAHOGA
Center of AM Array		Position of Tower in Array	

Heights (meters)

Elevation of Site Above Mean Sea Level	Overall Height Above Ground (AGL)
354.0	266.0
Overall Height Above Mean Sea Level	Overall Height Above Ground w/o Appurtenances
620.0	230.0

Painting and Lighting Specifications

FAA Chapters 4, 9, 13

Paint and Light in Accordance with FAA Circular Number 70/7460-1J

FAA Notification

FAA Study	01-AGL-1786-OE	FAA Issue Date	05/04/2001
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Owner & Contact Information

FRN	0022824668	Owner Entity Type	Limited Liability Company
Assignor FRN	0022824668	Assignor ID	L01800284

OwnerWJW License, LLC
5800 S. Marginal Rd
Cleveland , OH 44103P: (216)431-8888
F:
E: jroberts@tribunemedia.com**Contact**Attention To: Jason Roberts
435 N. Michigan Avenue
Chicago , IL 60611P: (312)222-3894
F: (312)222-4206
E: jroberts@tribunemedia.com**Last Action Status**

Status	Constructed	Received	06/11/2014
Purpose	Change Owner	Entered	06/11/2014
Mode	Interactive		

Related Applications

06/11/2014	A0907052 - Change Owner (OC)
05/14/2012	A0774973 - Admin Update (AU)
07/14/2008	A0599409 - Change Owner (OC)

Related applications (11)

Comments**Comments**

None

History

Date	Event
06/12/2014	Registration Printed
06/12/2014	Change of Ownership Letter Sent
06/11/2014	FRN Disassociation email sent: Tower email

All History (21)

Automated Letters

06/12/2014	Authorization, Reference
06/12/2014	Ownership Change, Reference 804073
05/15/2012	Authorization, Reference

All letters (11)

[CLOSE WINDOW](#)

Percent allowed new interference: 0.500
 Percent allowed new interference to non Class A LPTV: 2.000
 TW Census data selected 2000
 Data Base Selected
 /space/software/cdbbs/pt_tvdb.sff
 TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 02-23-2015 Time: 17:34:35

Record Selected for Analysis

WATSC3.0 USERRECORD-01 PARMA OH US
 Channel 31 ERP 600. kW HAAT 323. m RCAMSL 00590 m
 Latitude 041-21-48 Longitude 0081-42-58
 Status APP Zone 1 Border Site number: 01
 Last update Cutoff date Docket
 Comments
 Applicant

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility (site # 01) meets maximum height/power limits

Site number 1			
Azimuth	ERP	HAAT	41.0 dBu F(50,90)
(Deg)	(kW)	(m)	(km)
0.0	600.000	369.3	98.885
45.0	600.000	343.0	96.742
90.0	600.000	326.4	95.160
135.0	600.000	279.9	89.034
180.0	600.000	277.1	88.562
225.0	600.000	292.1	90.978
270.0	600.000	342.8	96.725
315.0	600.000	354.3	97.699

Evaluation toward Class A Stations from site # 01

Station inside contour of Class A station
 W35AX 35 CLEVELAND OH BLTTA 20001117ACC

Station inside contour of Class A station

W35AX 35 CLEVELAND OH BLTTL 19960513JX

Class A Evaluation Complete

LANDMOBILE SPACING VIOLATIONS FOUND

NONE from Site # 01

Checks to Site Number 01

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is within the Canadian coordination distance
Distance to border = 60.9km

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
31	WATSC3.0	PARMA OH	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status
Application Ref. No.				
30	WBNX-TV	AKRON OH	2.9	LIC BLCDT
20070430AXX				
30	WNNB-CD	BEAVER PA	179.0	LIC BLDTA
20121108ALT				
30	WNNB-CD	BEAVER PA	160.1	APP BSTA
20120924ABA				
30	WNNB-CD	BEAVER PA	179.0	APP BSTA
20130124AGX				

31	WANE-TV	FORT WAYNE IN	291.1	LIC	BLCDT
20090622ACE					
31	WKOG-LP	INDIANAPOLIS IN	412.4	CP MOD	BMPDTA
20090723AFS					
35	W35AX	CLEVELAND OH	2.9	LIC	BLTTA
20001117ACC					
35	W35AX	CLEVELAND OH	2.9	LIC	BLTTL
19960513JX					

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Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
30	WBNX-TV	AKRON OH	BLCDT	-
20070430AXX				

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status
Application Ref. No.				
29	WGTE-TV	TOLEDO OH	147.7	LIC BLEDT
-20031110AKO				
30	WEYI-TV	SAGINAW MI	263.1	LIC BLCDT
-20040123ASH				
30	WSKA	CORNING NY	392.0	LIC BLEDT
-20060705ABL				
30	WRGT-TV	DAYTON OH	284.1	CP BPCDT
-20110610ACR				
30	WRGT-TV	DAYTON OH	284.1	LIC BLCDT
-20050621AAU				
31	WATSC3.0	PARMA OH	2.9	APP
USERRECORD-01				

Total scenarios = 2

Result key: 1
 Scenario 1 Affected station 1
 Before Analysis

Results for: 30A OH AKRON BLCDT 20070430AXX
 LIC

HAAT 331.0 m, ATV ERP 1000.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	3728017	25412.2
not affected by terrain losses	3712123	25120.6
lost to NTSC IX	0	0.0

lost to additional IX by ATV	2272	63.9
lost to ATV IX only	2272	63.9
lost to all IX	2272	63.9

Potential Interfering Stations Included in above Scenario 1

30A MI SAGINAW	BLCDT	20040123ASH	LIC
30A OH DAYTON	BPCDT	20110610ACR	CP

After Analysis

Results for: 30A OH AKRON BLCDT 20070430AXX
LIC

HAAT 331.0 m, ATV ERP 1000.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	3728017	25412.2
not affected by terrain losses	3712123	25120.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	8100	127.8
lost to ATV IX only	8100	127.8
lost to all IX	8100	127.8

Potential Interfering Stations Included in above Scenario 1

30A MI SAGINAW	BLCDT	20040123ASH	LIC
30A OH DAYTON	BPCDT	20110610ACR	CP
31A OH PARMA	USERRECORD01		APP

Percent new IX = 0.1571%

Result key: 2
Scenario 2 Affected station 1
Before Analysis

Results for: 30A OH AKRON BLCDT 20070430AXX
LIC

HAAT 331.0 m, ATV ERP 1000.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	3728017	25412.2
not affected by terrain losses	3712123	25120.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1771	55.9
lost to ATV IX only	1771	55.9
lost to all IX	1771	55.9

Potential Interfering Stations Included in above Scenario 2

30A MI SAGINAW	BLCDT	20040123ASH	LIC
30A OH DAYTON	BLCDT	20050621AAU	LIC

After Analysis

Results for: 30A OH AKRON BLCDT 20070430AXX
LIC

HAAT 331.0 m, ATV ERP 1000.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	3728017	25412.2
not affected by terrain losses	3712123	25120.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	7633	123.8
lost to ATV IX only	7633	123.8
lost to all IX	7633	123.8

Potential Interfering Stations Included in above Scenario 2

30A MI SAGINAW	BLCDT	20040123ASH	LIC
30A OH DAYTON	BLCDT	20050621AAU	LIC
31A OH PARMA	USERRECORD01		APP

Percent new IX = 0.1580%

Worst case new IX 0.1580% Scenario 2

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application Ref. No.
30	WNNB-CD	BEAVER PA	BLDTA -
20121108ALT			

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status
Application Ref. No.				
29	WBOA-CD	KITTANNING PA	20.7	LIC BLDTA
-20150126ABW				
29	WIIC-LP	PITTSBURGH PA	0.0	LIC BLTTL
-19981230JB				
30	WSKA	CORNING NY	306.0	LIC BLEDT
-20060705ABL				
30	WBNX-TV	AKRON OH	178.9	LIC BLCDT
-20070430AXX				
30	WRGT-TV	DAYTON OH	373.6	CP BPCDT
-20110610ACR				
30	WRGT-TV	DAYTON OH	373.6	LIC BLCDT
-20050621AAU				
30	NEW	ERIE PA	179.8	APP BNPDTL
-20100714ACL				
30	NEW	ERIE PA	182.7	APP BNPDTL

-20100714AAI					
30	WBPA-LP	PITTSBURGH PA	7.1	LIC	BLTTL
-20060103AFK					
30	WGCB-TV	RED LION PA	293.3	LIC	BLCDD
-20050615AAB					
30	WNV	GOLDVEIN VA	296.0	LIC	BLED
-20031230AAR					
30	W30CT-D	HARRISONBURG VA	250.2	LIC	BLDTT
-20110512AAN					
30	WSLS-TV	ROANOKE VA	361.1	LIC	BLCDD
-20110615ABO					
30	W30CH	CLARKSBURG WV	131.4	LIC	BLTTL
-20070319AAK					
30	W30CH	CLARKSBURG WV	131.4	CP	BDFCDTL
-20120329AOK					
30	W30CO-D	WHEELING WV	79.4	LIC	BLDTT
-20100112AAM					
31	WWBP-LP	FREEDOM PA	36.6	LIC	BLTTL
-20040909ABD					
31	WWBP-LP	FREEDOM PA	22.2	CP	BDFCDTL
-20121022ACD					
31	KDKA-TV	MORGANTOWN WV	85.1	APP	BDRTCDT
-20090630ADY					
31	WATSC3.0	PARMA OH	179.0	APP	

USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
30	WNNB-CD	BEAVER PA	BSTA	-
20120924ABA				

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status
29	WBOA-CD	KITTANNING PA	55.7	LIC BLDTA
-20150126ABW				
30	WSKA	CORNING NY	270.5	LIC BLEDT
-20060705ABL				
30	WBNX-TV	AKRON OH	159.1	LIC BLCDD
-20070430AXX				
30	WRGT-TV	DAYTON OH	392.9	CP BPCDD

-20110610ACR					
30	WRGT-TV	DAYTON OH	392.9	LIC	BLCDT
-20050621AAU					
30	NEW	ERIE PA	126.8	APP	BNPDTL
-20100714ACL					
30	NEW	ERIE PA	129.4	APP	BNPDTL
-20100714AAI					
30	WBPA-LP	PITTSBURGH PA	49.2	LIC	BLTTL
-20060103AFK					
30	WGCB-TV	RED LION PA	302.2	LIC	BLCDT
-20050615AAB					
30	WNVN	GOLDVEIN VA	330.4	LIC	BLEDT
-20031230AAR					
30	W30CH	CLARKSBURG WV	184.7	LIC	BLTTL
-20070319AAK					
30	W30CO-D	WHEELING WV	120.4	LIC	BLDTT
-20100112AAM					
31	WWBP-LP	FREEDOM PA	38.0	CP	BDFCDTL
-20121022ACD					
31	WATSC3.0	PARMA OH	160.1	APP	

USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
30	WNNB-CD	BEAVER PA	BSTA	-
20130124AGX				

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status
29	WBOA-CD	KITTANNING PA	20.7	LIC BLDTA
-20150126ABW				
29	WIIC-LP	PITTSBURGH PA	0.0	LIC BLTTL
-19981230JB				
30	WSKA	CORNING NY	306.0	LIC BLEDT
-20060705ABL				
30	WBNX-TV	AKRON OH	178.9	LIC BLCDT
-20070430AXX				
30	WRGT-TV	DAYTON OH	373.6	CP BPCDT
-20110610ACR				
30	WRGT-TV	DAYTON OH	373.6	LIC BLCDT

-20050621AAU					
30	NEW	ERIE PA	182.7	APP	BNPDTL
-20100714AAI					
30	WBPA-LP	PITTSBURGH PA	7.1	LIC	BLTTL
-20060103AFK					
30	WGCB-TV	RED LION PA	293.3	LIC	BLCDT
-20050615AAB					
30	WNVN	GOLDVEIN VA	296.0	LIC	BLEDT
-20031230AAR					
30	WSLS-TV	ROANOKE VA	361.1	LIC	BLCDT
-20110615ABO					
30	W30CH	CLARKSBURG WV	131.4	LIC	BLTTL
-20070319AAK					
30	W30CH	CLARKSBURG WV	131.4	CP	BDFCDTL
-20120329AOK					
30	W30CO-D	WHEELING WV	79.4	LIC	BLDTT
-20100112AAM					
31	WWBP-LP	FREEDOM PA	36.6	LIC	BLTTL
-20040909ABD					
31	WWBP-LP	FREEDOM PA	22.2	CP	BDFCDTL
-20121022ACD					
31	KDKA-TV	MORGANTOWN WV	85.1	APP	BDRTCDT
-20090630ADY					
31	WATSC3.0	PARMA OH	179.0	APP	

USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
31	WANE-TV	FORT WAYNE IN	BLCDT	-
20090622ACE				

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status
Application Ref. No.				
30	WRGT-TV	DAYTON OH	171.2	CP BPCDT
-20110610ACR				
30	WRGT-TV	DAYTON OH	171.2	LIC BLCDT
-20050621AAU				
31	WFLD	CHICAGO IL	222.3	LIC BLCDT
-20090223ABV				
31	WDKY-TV	DANVILLE KY	364.6	LIC BLCDT

-20120308AAK	31	WDKY-DR	DANVILLE KY	364.6	APP	BPRM
-20080620AOU	32	WNDY-TV	MARION IN	122.9	LIC	BLCDT
-20110706ABJ	31	WATSC3.0	PARMA OH	291.1	APP	

USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
31	WKOG-LP	INDIANAPOLIS IN	BMPDTA	-
20090723AFS				

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status
Application Ref. No.				
30	W30DI-D	WOLCOTT IN	56.5	APP BPDFL
-20141222AAX				
31	WFLD	CHICAGO IL	251.2	LIC BLCDT
-20090223ABV				
31	W31BX-D	DANVILLE IL	123.9	LIC BLDTT
-20090304ABU				
31	WANE-TV	FORT WAYNE IN	159.0	LIC BLCDT
-20090622ACE				
31	W31DP-D	LAFAYETTE IN	120.5	CP MOD BMPDTL
-20111011ADV				
31	WDKY-TV	DANVILLE KY	276.9	LIC BLCDT
-20120308AAK				
31	WDKY-DR	DANVILLE KY	276.9	APP BPRM
-20080620AOU				
31	KDNL-TV	ST. LOUIS MO	383.8	LIC BLCDT
-20021216AAE				
32	WNDY-TV	MARION IN	36.5	LIC BLCDT
-20110706ABJ				
31	WATSC3.0	PARMA OH	412.4	APP
USERRECORD-01				

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application Ref. No.
35	W35AX	CLEVELAND OH	BLTTA -
20001117ACC			

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status
28	WUAB	LORAIN OH	2.1	LIC BLCDT
-20020516AAG				
34	WQHS-DT	CLEVELAND OH	0.5	LIC BLCDT
-20031030AGJ				
35	WNIT	SOUTH BEND IN	374.9	LIC BLEDT
-20110516ADN				
35	WOUC-TV	CAMBRIDGE OH	147.6	LIC BLEDT
-20050427AAB				
35	WLWT	CINCINNATI OH	347.2	LIC BLCDT
-20050502ABC				
35	NEW	ERIE PA	153.4	APP BNPDTL
-20090825BID				
35	WBYD-CA	JOHNSTOWN PA	178.9	LIC BLTTL
-19970528JD				
36	WYTV	YOUNGSTOWN OH	95.6	LIC BLCDT
-20100422ABQ				
42	WGGN-TV	SANDUSKY OH	71.9	LIC BLCDT
-20090309AAV				
49	WDLI-TV	CANTON OH	37.5	LIC BLCDT
-20101129ALX				
49	WNWO-TV	TOLEDO OH	141.7	CP BPCDT
-20140305AAP				
49	WNWO-TV	TOLEDO OH	141.7	LIC BLCDT
-20120817ABH				
50	WEAO	AKRON OH	33.9	LIC BLEDT
-20091022AAS				
31	WATSC3.0	PARMA OH	2.9	APP
USERRECORD-01				

Total scenarios = 1

Result key: 3
Scenario 1 Affected station 7
Before Analysis

Results for: 35N OH CLEVELAND BLTTA 20001117ACC
LIC

POPULATION AREA (sq km)

within Noise Limited Contour	1027361	1727.3
not affected by terrain losses	1026504	1715.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	743068	1147.6
lost to all IX	743068	1147.6

Potential Interfering Stations Included in above Scenario 1

28A OH LORAIN	BLCDT	20020516AAG	LIC
34A OH CLEVELAND	BLCDT	20031030AGJ	LIC

After Analysis

Results for: 35N OH CLEVELAND BLTTA 20001117ACC
LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	1027361	1727.3
not affected by terrain losses	1026504	1715.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	743068	1147.6
lost to all IX	743068	1147.6

Potential Interfering Stations Included in above Scenario 1

28A OH LORAIN	BLCDT	20020516AAG	LIC
34A OH CLEVELAND	BLCDT	20031030AGJ	LIC
31A OH PARMA	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

#####

Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application Ref. No.
35	W35AX	CLEVELAND OH	BLTTL -
19960513JX			

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status
28	WUAB	LORAIN OH	2.1	LIC BLCDT
-20020516AAG				
34	WQHS-DT	CLEVELAND OH	0.5	LIC BLCDT
-20031030AGJ				

35	WNIT	SOUTH BEND IN	374.9	LIC	BLEDT
-20110516ADN					
35	WOUC-TV	CAMBRIDGE OH	147.6	LIC	BLEDT
-20050427AAB					
35	WLWT	CINCINNATI OH	347.2	LIC	BLCDT
-20050502ABC					
35	NEW	ERIE PA	153.4	APP	BNPDTL
-20090825BID					
35	WBYD-CA	JOHNSTOWN PA	178.9	LIC	BLTTL
-19970528JD					
36	WYTV	YOUNGSTOWN OH	95.6	LIC	BLCDT
-20100422ABQ					
42	WGGN-TV	SANDUSKY OH	71.9	LIC	BLCDT
-20090309AAV					
49	WDLI-TV	CANTON OH	37.5	LIC	BLCDT
-20101129ALX					
49	WNWO-TV	TOLEDO OH	141.7	CP	BPCDT
-20140305AAP					
49	WNWO-TV	TOLEDO OH	141.7	LIC	BLCDT
-20120817ABH					
50	WEAO	AKRON OH	33.9	LIC	BLEDT
-20091022AAS					
31	WATSC3.0	PARMA OH	2.9	APP	
USERRECORD-01					

Total scenarios = 1

Result key: 4
 Scenario 1 Affected station 8
 Before Analysis

Results for: 35N OH CLEVELAND BLTTL 19960513JX
 LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	1027361	1727.3
not affected by terrain losses	1026504	1715.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	743068	1147.6
lost to all IX	743068	1147.6

Potential Interfering Stations Included in above Scenario 1

28A OH LORAIN	BLCDT	20020516AAG	LIC
34A OH CLEVELAND	BLCDT	20031030AGJ	LIC

After Analysis

Results for: 35N OH CLEVELAND BLTTL 19960513JX
 LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	1027361	1727.3

not affected by terrain losses	1026504	1715.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	743068	1147.6
lost to all IX	743068	1147.6

Potential Interfering Stations Included in above Scenario 1

28A OH LORAIN	BLCDT	20020516AAG	LIC
34A OH CLEVELAND	BLCDT	20031030AGJ	LIC
31A OH PARMA	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

#####

Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application Ref. No.
31	WATSC3.0	PARMA OH	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status
Application Ref. No.				
30	WBNX-TV	AKRON OH	2.9	LIC BLCDT
-20070430AXX				
31	WANE-TV	FORT WAYNE IN	291.1	LIC BLCDT
-20090622ACE				

Total scenarios = 1

Result key: 5
Scenario 1 Affected station 9
Before Analysis

Results for: 31A OH PARMA USERRECORD01
APP

HAAT 323.0 m, ATV ERP 600.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	4045469	28711.6
not affected by terrain losses	4030512	28495.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	303	4.0
lost to ATV IX only	303	4.0
lost to all IX	303	4.0

Potential Interfering Stations Included in above Scenario 1

31A IN FORT WAYNE BLCDT 20090622ACE LIC

#####

FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED

Percent allowed new interference: 0.500
 Percent allowed new interference to non Class A LPTV: 2.000
 TW Census data selected 2000
 Data Base Selected
 /space/software/cdbbs/pt_tvdb.sff
 TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 02-23-2015 Time: 17:34:35

Record Selected for Analysis

WATSC3.0 USERRECORD-01 PARMA OH US
 Channel 31 ERP 600. kW HAAT 323. m RCAMSL 00590 m
 Latitude 041-21-48 Longitude 0081-42-58
 Status APP Zone 1 Border Site number: 01
 Last update Cutoff date Docket
 Comments
 Applicant

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility (site # 01) meets maximum height/power limits

Site number 1			
Azimuth	ERP	HAAT	41.0 dBu F(50,90)
(Deg)	(kW)	(m)	(km)
0.0	600.000	369.3	98.885
45.0	600.000	343.0	96.742
90.0	600.000	326.4	95.160
135.0	600.000	279.9	89.034
180.0	600.000	277.1	88.562
225.0	600.000	292.1	90.978
270.0	600.000	342.8	96.725
315.0	600.000	354.3	97.699

Evaluation toward Class A Stations from site # 01

Station inside contour of Class A station
 W35AX 35 CLEVELAND OH BLTTA 20001117ACC

Station inside contour of Class A station

W35AX 35 CLEVELAND OH BLTTL 19960513JX

Class A Evaluation Complete

LANDMOBILE SPACING VIOLATIONS FOUND

NONE from Site # 01

Checks to Site Number 01

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is within the Canadian coordination distance
Distance to border = 60.9km

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
31	WATSC3.0	PARMA OH	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status
Application Ref. No.				
30	WBNX-TV	AKRON OH	2.9	LIC BLCDT
20070430AXX				
30	WNNB-CD	BEAVER PA	179.0	LIC BLDTA
20121108ALT				
30	WNNB-CD	BEAVER PA	160.1	APP BSTA
20120924ABA				
30	WNNB-CD	BEAVER PA	179.0	APP BSTA
20130124AGX				

31	WANE-TV	FORT WAYNE IN	291.1	LIC	BLCDT
20090622ACE					
31	WKOG-LP	INDIANAPOLIS IN	412.4	CP MOD	BMPDTA
20090723AFS					
35	W35AX	CLEVELAND OH	2.9	LIC	BLTTA
20001117ACC					
35	W35AX	CLEVELAND OH	2.9	LIC	BLTTL
19960513JX					

%%%%%%%%%%
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Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
30	WBNX-TV	AKRON OH	BLCDT	-
20070430AXX				

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status
Application Ref. No.				
29	WGTE-TV	TOLEDO OH	147.7	LIC BLEDT
-20031110AKO				
30	WEYI-TV	SAGINAW MI	263.1	LIC BLCDT
-20040123ASH				
30	WSKA	CORNING NY	392.0	LIC BLEDT
-20060705ABL				
30	WRGT-TV	DAYTON OH	284.1	CP BPCDT
-20110610ACR				
30	WRGT-TV	DAYTON OH	284.1	LIC BLCDT
-20050621AAU				
31	WATSC3.0	PARMA OH	2.9	APP
USERRECORD-01				

Total scenarios = 2

Result key: 1
 Scenario 1 Affected station 1
 Before Analysis

Results for: 30A OH AKRON BLCDT 20070430AXX
 LIC

HAAT 331.0 m, ATV ERP 1000.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	3728017	25412.2
not affected by terrain losses	3712123	25120.6
lost to NTSC IX	0	0.0

lost to additional IX by ATV	2272	63.9
lost to ATV IX only	2272	63.9
lost to all IX	2272	63.9

Potential Interfering Stations Included in above Scenario 1

30A MI SAGINAW	BLCDT	20040123ASH	LIC
30A OH DAYTON	BPCDT	20110610ACR	CP

After Analysis

Results for: 30A OH AKRON BLCDT 20070430AXX
LIC

HAAT 331.0 m, ATV ERP 1000.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	3728017	25412.2
not affected by terrain losses	3712123	25120.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	8100	127.8
lost to ATV IX only	8100	127.8
lost to all IX	8100	127.8

Potential Interfering Stations Included in above Scenario 1

30A MI SAGINAW	BLCDT	20040123ASH	LIC
30A OH DAYTON	BPCDT	20110610ACR	CP
31A OH PARMA	USERRECORD01		APP

Percent new IX = 0.1571%

Result key: 2
Scenario 2 Affected station 1
Before Analysis

Results for: 30A OH AKRON BLCDT 20070430AXX
LIC

HAAT 331.0 m, ATV ERP 1000.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	3728017	25412.2
not affected by terrain losses	3712123	25120.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1771	55.9
lost to ATV IX only	1771	55.9
lost to all IX	1771	55.9

Potential Interfering Stations Included in above Scenario 2

30A MI SAGINAW	BLCDT	20040123ASH	LIC
30A OH DAYTON	BLCDT	20050621AAU	LIC

After Analysis

Results for: 30A OH AKRON BLCDT 20070430AXX
LIC

HAAT 331.0 m, ATV ERP 1000.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	3728017	25412.2
not affected by terrain losses	3712123	25120.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	7633	123.8
lost to ATV IX only	7633	123.8
lost to all IX	7633	123.8

Potential Interfering Stations Included in above Scenario 2

30A MI SAGINAW	BLCDT	20040123ASH	LIC
30A OH DAYTON	BLCDT	20050621AAU	LIC
31A OH PARMA	USERRECORD01		APP

Percent new IX = 0.1580%

Worst case new IX 0.1580% Scenario 2

#####

Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application Ref. No.
30	WNNB-CD	BEAVER PA	BLDTA -
20121108ALT			

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status
Application Ref. No.				
29	WBOA-CD	KITTANNING PA	20.7	LIC BLDTA
-20150126ABW				
29	WIIC-LP	PITTSBURGH PA	0.0	LIC BLTTL
-19981230JB				
30	WSKA	CORNING NY	306.0	LIC BLEDT
-20060705ABL				
30	WBNX-TV	AKRON OH	178.9	LIC BLCDT
-20070430AXX				
30	WRGT-TV	DAYTON OH	373.6	CP BPCDT
-20110610ACR				
30	WRGT-TV	DAYTON OH	373.6	LIC BLCDT
-20050621AAU				
30	NEW	ERIE PA	179.8	APP BNPDTL
-20100714ACL				
30	NEW	ERIE PA	182.7	APP BNPDTL

-20100714AAI					
30	WBPA-LP	PITTSBURGH PA	7.1	LIC	BLTTL
-20060103AFK					
30	WGCB-TV	RED LION PA	293.3	LIC	BLCDD
-20050615AAB					
30	WNV	GOLDVEIN VA	296.0	LIC	BLED
-20031230AAR					
30	W30CT-D	HARRISONBURG VA	250.2	LIC	BLDTT
-20110512AAN					
30	WSLS-TV	ROANOKE VA	361.1	LIC	BLCDD
-20110615ABO					
30	W30CH	CLARKSBURG WV	131.4	LIC	BLTTL
-20070319AAK					
30	W30CH	CLARKSBURG WV	131.4	CP	BDFCDTL
-20120329AOK					
30	W30CO-D	WHEELING WV	79.4	LIC	BLDTT
-20100112AAM					
31	WWBP-LP	FREEDOM PA	36.6	LIC	BLTTL
-20040909ABD					
31	WWBP-LP	FREEDOM PA	22.2	CP	BDFCDTL
-20121022ACD					
31	KDKA-TV	MORGANTOWN WV	85.1	APP	BDRTCDT
-20090630ADY					
31	WATSC3.0	PARMA OH	179.0	APP	

USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
30	WNNB-CD	BEAVER PA	BSTA	-
20120924ABA				

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status
29	WBOA-CD	KITTANNING PA	55.7	LIC BLDTA
-20150126ABW				
30	WSKA	CORNING NY	270.5	LIC BLEDT
-20060705ABL				
30	WBNX-TV	AKRON OH	159.1	LIC BLCDD
-20070430AXX				
30	WRGT-TV	DAYTON OH	392.9	CP BPCDD

-20110610ACR	30	WRGT-TV	DAYTON OH	392.9	LIC	BLCDT
-20050621AAU	30	NEW	ERIE PA	126.8	APP	BNPDTL
-20100714ACL	30	NEW	ERIE PA	129.4	APP	BNPDTL
-20100714AAI	30	WBPA-LP	PITTSBURGH PA	49.2	LIC	BLTTL
-20060103AFK	30	WGCB-TV	RED LION PA	302.2	LIC	BLCDT
-20050615AAB	30	WNVN	GOLDVEIN VA	330.4	LIC	BLEDT
-20031230AAR	30	W30CH	CLARKSBURG WV	184.7	LIC	BLTTL
-20070319AAK	30	W30CO-D	WHEELING WV	120.4	LIC	BLDTT
-20100112AAM	31	WWBP-LP	FREEDOM PA	38.0	CP	BDFCDTL
-20121022ACD	31	WATSC3.0	PARMA OH	160.1	APP	

USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application Ref. No.
30	WNNB-CD	BEAVER PA	BSTA -
20130124AGX			

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status
29	WBOA-CD	KITTANNING PA	20.7	LIC BLDTA
-20150126ABW	29	WIIC-LP	PITTSBURGH PA	0.0 LIC BLTTL
-19981230JB	30	WSKA	CORNING NY	306.0 LIC BLEDT
-20060705ABL	30	WBNX-TV	AKRON OH	178.9 LIC BLCDT
-20070430AXX	30	WRGT-TV	DAYTON OH	373.6 CP BPCDT
-20110610ACR	30	WRGT-TV	DAYTON OH	373.6 LIC BLCDT

-20050621AAU					
30	NEW	ERIE PA	182.7	APP	BNPDTL
-20100714AAI					
30	WBPA-LP	PITTSBURGH PA	7.1	LIC	BLTTL
-20060103AFK					
30	WGCB-TV	RED LION PA	293.3	LIC	BLCDT
-20050615AAB					
30	WNVN	GOLDVEIN VA	296.0	LIC	BLEDT
-20031230AAR					
30	WSLS-TV	ROANOKE VA	361.1	LIC	BLCDT
-20110615AB0					
30	W30CH	CLARKSBURG WV	131.4	LIC	BLTTL
-20070319AAK					
30	W30CH	CLARKSBURG WV	131.4	CP	BDFCDTL
-20120329AOK					
30	W30CO-D	WHEELING WV	79.4	LIC	BLDTT
-20100112AAM					
31	WWBP-LP	FREEDOM PA	36.6	LIC	BLTTL
-20040909ABD					
31	WWBP-LP	FREEDOM PA	22.2	CP	BDFCDTL
-20121022ACD					
31	KDKA-TV	MORGANTOWN WV	85.1	APP	BDRTCDT
-20090630ADY					
31	WATSC3.0	PARMA OH	179.0	APP	

USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
31	WANE-TV	FORT WAYNE IN	BLCDT	-
20090622ACE				

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status
Application Ref. No.				
30	WRGT-TV	DAYTON OH	171.2	CP BPCDT
-20110610ACR				
30	WRGT-TV	DAYTON OH	171.2	LIC BLCDT
-20050621AAU				
31	WFLD	CHICAGO IL	222.3	LIC BLCDT
-20090223ABV				
31	WDKY-TV	DANVILLE KY	364.6	LIC BLCDT

-20120308AAK	31	WDKY-DR	DANVILLE KY	364.6	APP	BPRM
-20080620AOU	32	WNDY-TV	MARION IN	122.9	LIC	BLCDT
-20110706ABJ	31	WATSC3.0	PARMA OH	291.1	APP	

USERRECORD-01

Proposal causes no interference

#####

Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
31	WKOG-LP	INDIANAPOLIS IN	BMPDTA	-
20090723AFS				

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status
Application Ref. No.				
30	W30DI-D	WOLCOTT IN	56.5	APP BPDFL
-20141222AAX				
31	WFLD	CHICAGO IL	251.2	LIC BLCDT
-20090223ABV				
31	W31BX-D	DANVILLE IL	123.9	LIC BLDTT
-20090304ABU				
31	WANE-TV	FORT WAYNE IN	159.0	LIC BLCDT
-20090622ACE				
31	W31DP-D	LAFAYETTE IN	120.5	CP MOD BMPDTL
-20111011ADV				
31	WDKY-TV	DANVILLE KY	276.9	LIC BLCDT
-20120308AAK				
31	WDKY-DR	DANVILLE KY	276.9	APP BPRM
-20080620AOU				
31	KDNL-TV	ST. LOUIS MO	383.8	LIC BLCDT
-20021216AAE				
32	WNDY-TV	MARION IN	36.5	LIC BLCDT
-20110706ABJ				
31	WATSC3.0	PARMA OH	412.4	APP
USERRECORD-01				

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application Ref. No.
35	W35AX	CLEVELAND OH	BLTTA -
20001117ACC			

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status
28	WUAB	LORAIN OH	2.1	LIC BLCDT
-20020516AAG				
34	WQHS-DT	CLEVELAND OH	0.5	LIC BLCDT
-20031030AGJ				
35	WNIT	SOUTH BEND IN	374.9	LIC BLEDT
-20110516ADN				
35	WOUC-TV	CAMBRIDGE OH	147.6	LIC BLEDT
-20050427AAB				
35	WLWT	CINCINNATI OH	347.2	LIC BLCDT
-20050502ABC				
35	NEW	ERIE PA	153.4	APP BNPDTL
-20090825BID				
35	WBYD-CA	JOHNSTOWN PA	178.9	LIC BLTTL
-19970528JD				
36	WYTV	YOUNGSTOWN OH	95.6	LIC BLCDT
-20100422ABQ				
42	WGGN-TV	SANDUSKY OH	71.9	LIC BLCDT
-20090309AAV				
49	WDLI-TV	CANTON OH	37.5	LIC BLCDT
-20101129ALX				
49	WNWO-TV	TOLEDO OH	141.7	CP BPCDT
-20140305AAP				
49	WNWO-TV	TOLEDO OH	141.7	LIC BLCDT
-20120817ABH				
50	WEAO	AKRON OH	33.9	LIC BLEDT
-20091022AAS				
31	WATSC3.0	PARMA OH	2.9	APP
USERRECORD-01				

Total scenarios = 1

Result key: 3
Scenario 1 Affected station 7
Before Analysis

Results for: 35N OH CLEVELAND BLTTA 20001117ACC
LIC

POPULATION AREA (sq km)

within Noise Limited Contour	1027361	1727.3
not affected by terrain losses	1026504	1715.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	743068	1147.6
lost to all IX	743068	1147.6

Potential Interfering Stations Included in above Scenario 1

28A OH LORAIN	BLCDDT	20020516AAG	LIC
34A OH CLEVELAND	BLCDDT	20031030AGJ	LIC

After Analysis

Results for: 35N OH CLEVELAND BLTTA 20001117ACC
LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	1027361	1727.3
not affected by terrain losses	1026504	1715.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	743068	1147.6
lost to all IX	743068	1147.6

Potential Interfering Stations Included in above Scenario 1

28A OH LORAIN	BLCDDT	20020516AAG	LIC
34A OH CLEVELAND	BLCDDT	20031030AGJ	LIC
31A OH PARMA	USERRECORD01		APP

Percent new IX = 0.00000%

Worst case new IX 0.00000% Scenario 1

#####

Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application Ref. No.
35	W35AX	CLEVELAND OH	BLTTL -
19960513JX			

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status
28	WUAB	LORAIN OH	2.1	LIC BLCDDT
-20020516AAG				
34	WQHS-DT	CLEVELAND OH	0.5	LIC BLCDDT
-20031030AGJ				

35	WNIT	SOUTH BEND IN	374.9	LIC	BLEDT
-20110516ADN					
35	WOUC-TV	CAMBRIDGE OH	147.6	LIC	BLEDT
-20050427AAB					
35	WLWT	CINCINNATI OH	347.2	LIC	BLCDT
-20050502ABC					
35	NEW	ERIE PA	153.4	APP	BNPDTL
-20090825BID					
35	WBYD-CA	JOHNSTOWN PA	178.9	LIC	BLTTL
-19970528JD					
36	WYTV	YOUNGSTOWN OH	95.6	LIC	BLCDT
-20100422ABQ					
42	WGGN-TV	SANDUSKY OH	71.9	LIC	BLCDT
-20090309AAV					
49	WDLI-TV	CANTON OH	37.5	LIC	BLCDT
-20101129ALX					
49	WNWO-TV	TOLEDO OH	141.7	CP	BPCDT
-20140305AAP					
49	WNWO-TV	TOLEDO OH	141.7	LIC	BLCDT
-20120817ABH					
50	WEAO	AKRON OH	33.9	LIC	BLEDT
-20091022AAS					
31	WATSC3.0	PARMA OH	2.9	APP	

USERRECORD-01

Total scenarios = 1

Result key: 4
 Scenario 1 Affected station 8
 Before Analysis

Results for: 35N OH CLEVELAND BLTTL 19960513JX
 LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	1027361	1727.3
not affected by terrain losses	1026504	1715.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	743068	1147.6
lost to all IX	743068	1147.6

Potential Interfering Stations Included in above Scenario 1

28A OH LORAIN	BLCDT	20020516AAG	LIC
34A OH CLEVELAND	BLCDT	20031030AGJ	LIC

After Analysis

Results for: 35N OH CLEVELAND BLTTL 19960513JX
 LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	1027361	1727.3

not affected by terrain losses	1026504	1715.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	743068	1147.6
lost to all IX	743068	1147.6

Potential Interfering Stations Included in above Scenario 1

28A OH LORAIN	BLCDT	20020516AAG	LIC
34A OH CLEVELAND	BLCDT	20031030AGJ	LIC
31A OH PARMA	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application Ref. No.
31	WATSC3.0	PARMA OH	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status
Application Ref. No.				
30	WBNX-TV	AKRON OH	2.9	LIC BLCDT
-20070430AXX				
31	WANE-TV	FORT WAYNE IN	291.1	LIC BLCDT
-20090622ACE				

Total scenarios = 1

Result key: 5
Scenario 1 Affected station 9
Before Analysis

Results for: 31A OH PARMA USERRECORD01
APP

HAAT 323.0 m, ATV ERP 600.0 kW	
	POPULATION AREA (sq km)
within Noise Limited Contour	4045469 28711.6
not affected by terrain losses	4030512 28495.8
lost to NTSC IX	0 0.0
lost to additional IX by ATV	303 4.0
lost to ATV IX only	303 4.0
lost to all IX	303 4.0

Potential Interfering Stations Included in above Scenario 1

31A IN FORT WAYNE BLCDT 20090622ACE LIC

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