

Study created: 2019.10.30 06:42:37 JMC

Study build station data: LMS TV 2019-10-29

Proposal: WIVM-LD D34 LD LIC CANTON, OH  
File number: BLANK00000060599  
Facility ID: 25704  
Station data: User record  
Record ID: 419  
Country: U.S.

Build options:  
Protect pre-transition records not on baseline channel

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WBPA-LP	N30+	TX	LIC	PITTSBURGH, PA	BLANK0000007299	111.7 km
No	WWBP-LP	N31+	TX	LIC	FREEDOM, PA	BLTTL20040909ABD	83.9
No	WRAP-LP	N32-	TX	LIC	CLEVELAND, OH	BLTTL20110902ABQ	72.1
No	WQIZ-LP	D33+	LD	APP	ASHLAND, OH	BLANK00000078048	94.4
No	WQIZ-LP	N33+	TX	LIC	ASHLAND, OH	BLTTL20020211ABL	94.4
No	WCSN-LD	D33	LD	LIC	COLUMBUS, OH	BLDTL20100728AAG	181.7
Yes	WFMJ-TV	D33	DT	CP	YOUNGSTOWN, OH	BLANK00000033638	51.9
No	WPXI	D33	LD	LIC	PITTSBURGH, PA	BLCDT20130111ABQ	77.5
No	WNPB-TV	D33	DT	LIC	MORGANTOWN, WV	BLEDT20121205ACJ	181.5
No	WRC-TV	D34	DT	LIC	WASHINGTON, DC	BLANK00000079826	413.8
No	WISE-TV	D34	DT	LIC	FORT WAYNE, IN	BLANK00000064330	334.1
No	WBND-LD	D34	LD	LIC	SOUTH BEND, IN	BLDTL20121022ABX	423.2
No	WKBD-TV	D34	DT	LIC	DETROIT, MI	BLANK00000074932	247.9
No	WIVT	D34	DT	LIC	BINGHAMTON, NY	BLCDT20090819AGR	457.1
No	WKBW-TV	D34	DT	CP	BUFFALO, NY	BLANK00000034829	288.9
No	WVTT-CD	D34	DC	LIC	OLEAN, NY	BLDTA20141217ABD	279.6
No	WCET	D34	DT	LIC	CINCINNATI, OH	BLEDT20061031AAR	344.0
No	WKEF	D34	DT	CP	DAYTON, OH	BLANK00000034522	289.2
Yes	W34FP-D	D34	LD	LIC	EASTLAKE, OH	BLANK00000080537	89.1
No	W45BT-D	D34	LD	CP	BROOKVILLE, PA	BLANK00000086778	177.5
No	W45BT-D	D34	LD	LIC	BROOKVILLE, PA	BLANK00000087326	177.5
No	W33CR-D	D34	LD	CP	CHAMBERSBURG, PA	BLANK00000053818	307.5
No	NEW	D34	LD	APP	ERIE, PA	BNPDTL20090825BRL	158.7
Yes	WPXI	D34	LD	CP	PITTSBURGH, PA	BLANK00000054534	77.5
No	WSWB	D34	DT	LIC	SCRANTON, PA	BLANK00000079375	462.4
No	W34EV-D	D34	LD	CP	Charlottesville, VA	BLANK00000008300	378.2
No	WHSV-TV	D34	LD	CP	HARRISONBURG, VA	BLANK00000071675	348.1
No	WPXW-TV	D34	DT	LIC	MANASSAS, VA	BLCDT20090612AIZ	413.3
No	WSLS-TV	D34	DT	LIC	ROANOKE, VA	BLANK00000081215	421.1
No	WVPB-TV	D34	DT	LIC	HUNTINGTON, WV	BLEDT20120214AAS	280.3
Yes	WNPB-TV	D34	DT	CP	MORGANTOWN, WV	BLANK00000034624	181.5
No	W51EG-D	D34	LD	CP	PARKERSBURG, WV	BLANK00000073090	184.5
Yes	WVIZ	D35	DT	LIC	CLEVELAND, OH	BLANK00000082429	67.4
No	NEW	D35	LD	APP	ERIE, PA	BNPDTL20090825BID	158.5
No	WJAC-TV	D35	DT	LIC	JOHNSTOWN, PA	BLANK00000080232	196.9
No	WTAP-TV	D35	DT	CP	PARKERSBURG, WV	BLANK00000074779	174.8

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D34  
Mask: Full Service  
Latitude: 40 53 55.00 N (NAD83)  
Longitude: 81 12 36.00 W  
Height AMSL: 469.3 m  
HAAT: 0.0 m  
Peak ERP: 4.50 kW  
Antenna: PSILP80I-34 180.0 deg  
Elev Pattn: Generic  
Elec Tilt: 0.50

50.7 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	2.26 kW	112.8 m	34.9 km
45.0	1.92	148.5	36.5
90.0	2.15	117.1	35.0
135.0	3.62	94.8	35.4
180.0	4.50	106.0	37.8
225.0	3.62	127.2	38.3
270.0	2.15	115.0	34.8
315.0	1.92	119.0	34.5

Database HAAT does not agree with computed HAAT  
Database HAAT: 0 m    Computed HAAT: 118 m

Proposal 25.68 dBu contour does not cross Canadian border  
Distance to Canadian border: 131.6 km

Distance to Mexican border: 2194.2 km

Conditions at FCC monitoring station: Canandaigua NY  
Bearing: 54.2 degrees    Distance: 395.6 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:  
Bearing: 275.6 degrees    Distance: 2024.3 km

Study cell size: 1.00 km  
Profile point spacing: 1.00 km

Maximum new IX to full-service and Class A: 0.50%  
Maximum new IX to LPTV: 2.00%

---- Below is IX received by proposal BLANK0000060599 ----

Proposal receives 4.76% interference from scenario 1  
No IX check failures found.