

tvstudy v2.2.5 (4uoc83)

Database: localhost, Study: Navarre26d100wSAM460at40T, Model: Longley-Rice

Start: 2023.09.27 11:08:30

Study created: 2023.09.27 11:08:30

Study build station data: LMS TV 2023-09-25

Proposal: WIVD-LD D26 LD APP NAVARRE, OH

Facility ID: 131159

Station data: User record

Record ID: 1827

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	WXYZ-TV	D25	DT	LIC	DETROIT, MI	BLANK0000126705	243.0 km
No	WUEK-LD	D25	LD	LIC	CANTON, OH	BLANK0000067575	89.6
No	WCPX-LD	D25	LD	LIC	COLUMBUS, OH	BLANK0000210320	137.4
No	WXCB-CD	D25	DC	LIC	DELAWARE, OH	BLANK0000087098	132.6
No	KDKA-TV	D25	DT	LIC	PITTSBURGH, PA	BLCDT20041004ACS	131.8
No	W25FR-D	D25	LD	LIC	CLARKSBURG, WV	BLANK0000199127	146.8
No	W26DH-D	D26	LD	LIC	AUBURN, IN	BLDTL20091005ABQ	301.6
No	WISH-TV	D26	LD	CP	INDIANAPOLIS, IN	BLANK0000090627	403.6
No	DWVVK-LP	D26-	LD	APP	MARTIN, KY	BLANK0000054354	387.2
No	WBFF	D26	DT	LIC	BALTIMORE, MD	BLANK0000136477	444.1
No	WGPT	D26	DT	LIC	OAKLAND, MD	BLANK0000080370	239.9
No	WCMU-TV	D26	DT	LIC	MOUNT PLEASANT, MI	BLEDT20130710ABN	454.3
No	WGCE-CD	D26	DC	LIC	ROCHESTER, NY	BLANK0000116989	426.7
No	WEKA-LD	D26	LD	LIC	CANTON, OH	BLANK0000149900	89.6
No	WCPO-TV	D26	DT	LIC	CINCINNATI, OH	BLANK0000157839	304.8
No	WCSN-LD	D26	LD	LIC	COLUMBUS, OH	BLANK0000113234	144.3
No	WOHW-LD	D26	LD	CP	LIMA, OH	BLANK0000158622	255.0
No	WOHW-LD	D26	LD	LIC	LIMA, OH	BLANK0000105839	255.6

No	WUPW	D26	DT	LIC	TOLEDO, OH	BLANK0000108708	191.0
No	WFXP	D26	DT	LIC	ERIE, PA	BLANK0000081009	195.2
No	WJAC-TV	D26	LD	LIC	JOHNSTOWN, PA	BLCDT20120215ABZ	243.5
No	WOSC-CD	D26	DC	LIC	PITTSBURGH, PA	BLANK0000125715	137.4
No	W26EQ-D	D26	LD	LIC	STATE COLLEGE, PA	BLANK0000162843	309.0
No	WHTJ	D26	DT	LIC	CHARLOTTESVILLE, VA	BLANK0000112378	400.2
No	W26EW-D	D26	LD	LIC	HUNTINGTON, WV	BLANK0000116963	262.1
No	WIYE-LD	D26	LD	LIC	PARKERSBURG, WV	BLANK0000079793	148.6
No	WADL	D27	DT	LIC	MOUNT CLEMENS, MI	BLANK0000111708	235.1
No	WOCV-CD	D27	DC	LIC	CLEVELAND, OH	BLANK0000202416	78.3
No	WTTE	D27	DT	LIC	COLUMBUS, OH	BLANK0000129745	149.2
No	WPNM-LD	D27z	LD	LIC	LIEPSIC, OH	BLANK0000090626	203.3
Yes	W27DG-D	D27	LD	LIC	MILLERSBURG, OH	BLANK0000168187	37.7
No	WQLN	D27	DT	LIC	ERIE, PA	BLANK0000083708	195.6
No	WTAE-TV	D27	DT	LIC	PITTSBURGH, PA	BLANK0000112576	155.3
No	WTAE-TV	D27	DT	CP	PITTSBURGH, PA	BLANK0000127499	155.3
No	WQIZ-LD	N33+	TX	LIC	ASHLAND, OH	BLTTL20020211ABL	63.9

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D26  
 Mask: Stringent  
 Latitude: 40 41 11.50 N (NAD83)  
 Longitude: 81 33 37.00 W  
 Height AMSL: 387.5 m (Adjusted based on actual ground elevation calculation)  
 HAAT: 0.0 m  
 Peak ERP: 0.100 kW  
 Antenna: SAM-SAM-460 (ID 1004146) 40.0 deg  
 Elev Pattn: Generic

50.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.002 kW	70.6 m	5.8 km
45.0	0.089	66.7	14.4

90.0	0.000	76.3	2.2
135.0	0.000	72.7	2.2
180.0	0.000	77.2	2.2
225.0	0.000	52.4	2.2
270.0	0.000	45.5	2.2
315.0	0.000	61.3	2.2

Database HAAT does not agree with computed HAAT  
Database HAAT: 0 m    Computed HAAT: 65 m

Proposal 24.95 dBu contour does not cross Canadian border  
Distance to Canadian border: 130.4 km

Distance to Mexican border: 2156.9 km

Conditions at FCC monitoring station: Allegan MI  
Bearing: 301.7 degrees    Distance: 422.7 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:  
Bearing: 276.1 degrees    Distance: 1997.4 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%

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Interference to BLANK0000168187 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W27DG-D	D27	LD	LIC	MILLERSBURG, OH	BLANK0000168187	
Undesireds:	WIVD-LD	D26	LD	APP	NAVARRE, OH		37.7 km

WOCV-CD	D27	DC	LIC	CLEVELAND, OH	BLANK0000202416	67.5
WTTE	D27	DT	LIC	COLUMBUS, OH	BLANK0000129745	186.8
WQLN	D27	DT	LIC	ERIE, PA	BLANK0000083708	158.9
WTAE-TV	D27	DT	LIC	PITTSBURGH, PA	BLANK0000112576	137.2
W28FG-D	D28	LD	LIC	CLEVELAND-AKRON-CANT, OH	BLANK0000196964	37.7

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
3257.3      444,609	3164.7      438,286	2780.1      388,081	2780.1      388,081	0.00      0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
WIVD-LD D26 LD APP	1.0      136	0.0      0	
WOCV-CD D27 DC LIC	233.4      42,725	150.0      37,381	
WTTE D27 DT LIC	67.7      3,654	21.0      683	
WQLN D27 DT LIC	39.8      1,822	8.0      244	
WTAE-TV D27 DT LIC	189.8      11,420	96.4      4,902	
W28FG-D D28 LD LIC	2.0      130	0.0      0	

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Interference to BLANK0000168187 LIC scenario 2

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired: W27DG-D	D27	LD	LIC	MILLERSBURG, OH	BLANK0000168187	
Undesireds: WIVD-LD	D26	LD	APP	NAVARRE, OH		37.7 km
WOCV-CD	D27	DC	LIC	CLEVELAND, OH	BLANK0000202416	67.5
WTTE	D27	DT	LIC	COLUMBUS, OH	BLANK0000129745	186.8
WQLN	D27	DT	LIC	ERIE, PA	BLANK0000083708	158.9
WTAE-TV	D27	DT	CP	PITTSBURGH, PA	BLANK0000127499	137.2
W28FG-D	D28	LD	LIC	CLEVELAND-AKRON-CANT, OH	BLANK0000196964	37.7

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
3257.3      444,609	3164.7      438,286	2772.2      387,828	2772.2      387,828	0.00      0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
WIVD-LD D26 LD APP	1.0      136	0.0      0	
WOCV-CD D27 DC LIC	233.4      42,725	146.0      37,154	
WTTE D27 DT LIC	67.7      3,654	21.0      683	
WQLN D27 DT LIC	39.8      1,822	7.0      200	

WTAE-TV D27 DT CP	203.7	11,953	104.3	5,155	104.3	5,155
W28FG-D D28 LD LIC	2.0	130	0.0	0	0.0	0

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Interference to proposal scenario 1  
2.80% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WIVD-LD	D26	LD	APP	NAVARRE, OH		
Undesireds:	WOHW-LD	D26	LD	CP	LIMA, OH	BLANK00000158622	255.0 km
	WFXP	D26	DT	LIC	ERIE, PA	BLANK00000081009	195.2
	WOCV-CD	D27	DC	LIC	CLEVELAND, OH	BLANK00000202416	78.3

Service area	Terrain-limited	IX-free	Percent IX
117.3      29,779	117.3      29,779	111.3      28,945	5.09      2.80

Undesired	Total IX	Unique IX	Prcnt Unique IX
WFXP D26 DT LIC	5.0      823	5.0      823	4.24      2.76
WOCV-CD D27 DC LIC	1.0      11	1.0      11	0.85      0.04