

tvstudy v2.2.5 (4uoc83)

Database: localhost, Study: clarksburgfs25d8kwinceltiat90f, Model: Longley-Rice

Start: 2021.09.10 12:51:34

Study created: 2021.09.10 12:51:34

Study build station data: LMS TV 2021-09-10

Proposal: W25FS-D D25 LD LIC CLARKSBURG, WV

Facility ID: 186779

Station data: User record

Record ID: 1036

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	WEAO	D24	DT	LIC	AKRON, OH	BLANK0000095195	211.3 km
No	WDEM-CD	D24	DC	LIC	COLUMBUS, OH	BLANK0000071611	185.5
No	WTAJ-TV	D24	DT	LIC	ALTOONA, PA	BLANK0000079898	267.8
No	WPXI	D24	LD	LIC	PITTSBURGH, PA	BLANK0000106625	138.5
No	WPDN-LD	D24	LD	LIC	PITTSBURGH, PA	BLDTL20110601ADS	163.9
No	WVAH-TV	D24	DT	LIC	CHARLESTON, WV	BLANK0000087458	117.4
No	W24ER-D	D24	LD	LIC	CLARKSBURG, WV	BLANK0000058555	65.7
No	W24DS-D	D24	LD	LIC	PARKERSBURG, WV	BLDTL20140527AHY	37.4
No	W25FH-D	D25	LD	LIC	FORT WAYNE, IN	BLANK0000088484	404.4
No	WRTV	D25	DT	LIC	INDIANAPOLIS, IN	BLANK0000153580	446.9
No	WBNM-LD	D25	LD	LIC	LOUISVILLE, KY	BLANK0000092952	425.3
No	WUPX-TV	D25	DT	LIC	RICHMOND, KY	BLANK0000075153	353.6
No	WNUV	D25	DT	LIC	BALTIMORE, MD	BLANK0000136472	379.3
No	W42CK	D25+	LD	CP	HAGERSTOWN, MD	BLANK0000054340	284.3
No	WXYZ-TV	D25	DT	LIC	DETROIT, MI	BLANK0000126705	404.3
No	WJZY	D25	DT	LIC	BELMONT, NC	BLANK0000146872	430.3
No	WSKA	D25	DT	LIC	CORNING, NY	BLANK0000080258	465.8
No	WUEK-LD	D25	LD	LIC	CANTON, OH	BLANK0000067575	256.1

No	WCPX-LP	D25	LD	CP	COLUMBUS, OH	BLANK0000071598	190.4
No	WXCB-CD	D25	DC	LIC	DELAWARE, OH	BLANK0000087098	233.9
No	W25FI-D	D25	LD	LIC	MAPLEWOOD, OH	BLANK0000099303	329.5
No	WSSS-LP	N25z	TX	LIC	STEUBENVILLE, OH	BLTTTL19980506JD	132.1
No	WWBP-LP	N25-	TX	LIC	FREEDOM, PA	BLTTTL19990124JD	176.2
Yes	KDKA-TV	D25	DT	LIC	PITTSBURGH, PA	BLCDT20041004ACS	165.8
No	WYAT-LD	D25z	LD	LIC	MARTINSVILLE, VA	BLANK0000116027	300.9
No	WWBK-LD	D25	LD	LIC	RICHMOND, VA	BLANK0000108657	356.7
No	WLFB	D25	DT	LIC	BLUEFIELD, WV	BLANK0000123625	224.4
Yes	W25FR-D	D25	LD	LIC	CLARKSBURG, WV	BLANK0000158056	66.0
Yes	W25FR-D	D25	LD	CP	CLARKSBURG, WV	BLANK0000158260	33.8
Yes	W25FR-D	D25	LD	LIC	CLARKSBURG, WV	BLANK0000158971	33.8
No	W25FX-D	D25	LD	CP	SUTTON, WV	BLANK0000158455	74.9
No	WGPT	D26	DT	LIC	OAKLAND, MD	BLANK0000080370	153.0
No	WCSN-LD	D26	LD	LIC	COLUMBUS, OH	BLANK0000113234	189.3
No	WIVD-LD	D26	LD	LIC	NEWCOMERSTOWN, OH	BLANK0000079906	130.7
No	WIVD-LD	D26	LD	CP	NEWCOMERSTOWN, OH	BLANK0000080067	130.7
No	WOSC-CD	D26	DC	LIC	PITTSBURGH, PA	BLANK0000125715	163.9
No	WHTJ	D26	DT	LIC	CHARLOTTESVILLE, VA	BLANK0000112378	263.2
No	W26EL-D	D26	LD	CP	CLARKSBURG, WV	BNPDTL20100514AAX	66.0
No	W26EW-D	D26	LD	LIC	HUNTINGTON, WV	BLANK0000116963	147.4
Yes	WIYE-LD	D26	LD	LIC	PARKERSBURG, WV	BLANK0000079793	45.6

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D25
 Mask: Stringent
 Latitude: 39 13 59.60 N (NAD83)
 Longitude: 81 3 25.50 W
 Height AMSL: 325.9 m
 HAAT: 0.0 m
 Peak ERP: 8.00 kW
 Antenna: ELTI-ELTI UHF Panel (ID 1008435) 90.0 deg
 Elev Pattn: Generic

49.9 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.007 kW	40.8 m	6.0 km
45.0	1.71	23.0	20.5
90.0	8.00	42.3	31.1
135.0	1.61	19.2	20.3
180.0	0.006	39.0	5.8
225.0	0.061	42.3	10.5
270.0	0.020	42.8	8.0
315.0	0.043	30.2	8.2

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 35 m

Proposal 24.85 dBu contour does not cross Canadian border

Distance to Canadian border: 294.3 km

Distance to Mexican border: 2086.3 km

Conditions at FCC monitoring station: Laurel MD

Bearing: 89.8 degrees Distance: 364.9 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 280.6 degrees Distance: 2063.2 km

Study cell size: 1.00 km

Profile point spacing: 0.10 km

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

Maximum new IX to LPTV: 2.00%

Interference to BLCDT20041004ACS LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KDKA-TV	D25	DT	LIC	PITTSBURGH, PA	BLCDT20041004ACS	
Undesireds:	W25FS-D	D25	LD	LIC	CLARKSBURG, WV		165.8 km
	WEAO	D24	DT	LIC	AKRON, OH	BLANK0000095195	150.8
	WTAJ-TV	D24	DT	LIC	ALTOONA, PA	BLANK0000079898	133.5
	WNUV	D25	DT	LIC	BALTIMORE, MD	BLANK0000136472	314.7
	WXYZ-TV	D25	DT	LIC	DETROIT, MI	BLANK0000126705	347.3
	WLFB	D25	DT	LIC	BLUEFIELD, WV	BLANK0000123625	379.3
	WGPT	D26	DT	LIC	OAKLAND, MD	BLANK0000080370	136.0

	Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
	31480.5	3,613,656	30326.6	3,501,779	30216.5	3,494,531	30215.5	3,494,531	0.00 0.00

Undesired				Total IX	Unique IX, before	Unique IX, after
W25FS-D D25 LD LIC	1.0			0		1.0 0
WEAO D24 DT LIC	8.9			226	0.0 0	0.0 0
WTAJ-TV D24 DT LIC	21.0			1,450	17.0 1,352	17.0 1,352
WNUV D25 DT LIC	27.1			972	21.1 872	21.1 872
WXYZ-TV D25 DT LIC	61.0			4,891	52.0 4,665	52.0 4,665
WLFB D25 DT LIC	2.0			0	2.0 0	2.0 0
WGPT D26 DT LIC	5.0			35	3.0 33	3.0 33

Interference to BLANK0000158056 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W25FR-D	D25	LD	LIC	CLARKSBURG, WV	BLANK0000158056	
Undesireds:	W25FS-D	D25	LD	LIC	CLARKSBURG, WV		66.0 km
	W24ER-D	D24	LD	LIC	CLARKSBURG, WV	BLANK0000058555	0.2
	KDKA-TV	D25	DT	LIC	PITTSBURGH, PA	BLCDT20041004ACS	137.4
	W26EL-D	D26	LD	CP	CLARKSBURG, WV	BNPDTL20100514AAX	0.0

	Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
	736.3	55,902	702.6	54,112	634.2	44,340	633.2	44,340	0.16 0.00

Undesired				Total IX	Unique IX, before	Unique IX, after
W25FS-D D25 LD LIC	2.0			0		1.0 0
W24ER-D D24 LD LIC	66.4			9,668	51.5 7,953	50.6 7,953
KDKA-TV D25 DT LIC	3.0			413	0.0 0	0.0 0
W26EL-D D26 LD CP	14.9			1,510	1.0 0	1.0 0

Interference to BLANK0000158260 CP scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W25FR-D	D25	LD	CP	CLARKSBURG, WV	BLANK0000158260	
Undesireds:	W25FS-D	D25	LD	LIC	CLARKSBURG, WV		33.8 km
	KDKA-TV	D25	DT	LIC	PITTSBURGH, PA	BLCDDT20041004ACS	142.3
	WLFB	D25	DT	LIC	BLUEFIELD, WV	BLANK0000123625	238.5
	WIVD-LD	D26	LD	LIC	NEWCOMERSTOWN, OH	BLANK0000079906	135.2

	Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
	2160.8	24,941	2089.5	22,897	2062.7	22,278	2022.0	21,991	1.97 1.29

Undesired				Total IX	Unique IX, before	Unique IX, after
W25FS-D D25 LD LIC	46.6			322		40.7 287
KDKA-TV D25 DT LIC	25.8			584	24.8 584	20.8 584
WLFB D25 DT LIC	2.0			35	1.0 35	0.0 0

Interference to BLANK0000158971 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W25FR-D	D25	LD	LIC	CLARKSBURG, WV	BLANK0000158971	
Undesireds:	W25FS-D	D25	LD	LIC	CLARKSBURG, WV		33.8 km
	KDKA-TV	D25	DT	LIC	PITTSBURGH, PA	BLCDDT20041004ACS	142.3
	WLFB	D25	DT	LIC	BLUEFIELD, WV	BLANK0000123625	238.5
	WIVD-LD	D26	LD	LIC	NEWCOMERSTOWN, OH	BLANK0000079906	135.2

	Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
	2160.8	24,941	2089.5	22,897	2062.7	22,278	2022.0	21,991	1.97 1.29

Undesired		Total IX	Unique IX, before		Unique IX, after	
W25FS-D D25 LD LIC	46.6	322			40.7	287
KDKA-TV D25 DT LIC	25.8	584	24.8	584	20.8	584
WLFB D25 DT LIC	2.0	35	1.0	35	0.0	0

Interference to BLANK0000079793 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WIYE-LD	D26	LD	LIC	PARKERSBURG, WV	BLANK0000079793	
Undesireds:	W25FS-D	D25	LD	LIC	CLARKSBURG, WV		45.6 km
	W25FR-D	D25	LD	LIC	CLARKSBURG, WV	BLANK0000158056	109.8
	WGPT	D26	DT	LIC	OAKLAND, MD	BLANK0000080370	195.4
	WCPO-TV	D26	DT	LIC	CINCINNATI, OH	BLANK0000157839	253.8
	WOHW-LD	D26	LD	CP	LIMA, OH	BLANK0000158622	290.0
	WIVD-LD	D26	LD	LIC	NEWCOMERSTOWN, OH	BLANK0000079906	112.3
	W26EW-D	D26	LD	LIC	HUNTINGTON, WV	BLANK0000116963	126.2
	Service area	Terrain-limited	IX-free, before		IX-free, after		Percent New IX
	7981.9	259,544	7777.1	248,271	7763.2	247,533	7755.3 247,028 0.10 0.20

Undesired		Total IX	Unique IX, before		Unique IX, after	
W25FS-D D25 LD LIC	9.9	594			7.9	505
WGPT D26 DT LIC	7.9	405	5.9	251	5.9	251
WCPO-TV D26 DT LIC	5.9	373	4.0	219	2.0	130
W26EW-D D26 LD LIC	2.0	114	2.0	114	2.0	114

Interference to BLANK0000079793 LIC scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WIYE-LD	D26	LD	LIC	PARKERSBURG, WV	BLANK0000079793	
Undesireds:	W25FS-D	D25	LD	LIC	CLARKSBURG, WV		45.6 km
	W25FR-D	D25	LD	LIC	CLARKSBURG, WV	BLANK0000158056	109.8
	WGPT	D26	DT	LIC	OAKLAND, MD	BLANK0000080370	195.4

WCPO-TV	D26	DT	LIC	CINCINNATI, OH	BLANK0000157839	253.8
WOHW-LD	D26	LD	CP	LIMA, OH	BLANK0000158622	290.0
WIVD-LD	D26	LD	CP	NEWCOMERSTOWN, OH	BLANK0000080067	112.3
W26EW-D	D26	LD	LIC	HUNTINGTON, WV	BLANK0000116963	126.2

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
7981.9	259,544	7777.1	248,271	7762.2	247,509	7754.3	247,004	0.10	0.20

Undesired			Total IX	Unique IX, before		Unique IX, after	
W25FS-D	D25	LD LIC	9.9	594		7.9	505
WGPT	D26	DT LIC	7.9	405	5.9	251	5.9
WCPO-TV	D26	DT LIC	5.9	373	4.0	219	2.0
WIVD-LD	D26	LD CP	1.0	24	1.0	24	1.0
W26EW-D	D26	LD LIC	2.0	114	2.0	114	2.0

Interference to proposal scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W25FS-D	D25	LD	LIC	CLARKSBURG, WV		
Undesireds:	KDKA-TV	D25	DT	LIC	PITTSBURGH, PA	BLCDT20041004ACS	165.8 km
	W25FR-D	D25	LD	LIC	CLARKSBURG, WV	BLANK0000158056	66.0

Service area		Terrain-limited		IX-free		Percent IX	
812.8	10,881	796.9	10,772	795.9	10,772	0.12	0.00

Undesired			Total IX	Unique IX		Prct Unique IX	
KDKA-TV	D25	DT LIC	1.0	0	1.0	0	0.12
							0.00

Interference to proposal scenario 2
7.34% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W25FS-D	D25	LD	LIC	CLARKSBURG, WV		
Undesireds:	KDKA-TV	D25	DT	LIC	PITTSBURGH, PA	BLCDT20041004ACS	165.8 km

W25FR-D D25 LD CP CLARKSBURG, WV BLANK0000158260 33.8

Service area	Terrain-limited	IX-free	Percent IX
812.8 10,881	796.9 10,772	759.2 9,981	4.73 7.34

Undesired	Total IX	Unique IX	Prcnt Unique IX
KDKA-TV D25 DT LIC 1.0	0 1.0	0	0.12 0.00
W25FR-D D25 LD CP 36.7	791 36.7	791	4.61 7.34

Interference to proposal scenario 3
7.34% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W25FS-D	D25	LD	LIC	CLARKSBURG, WV		
Undesireds:	KDKA-TV	D25	DT	LIC	PITTSBURGH, PA	BLCDT20041004ACS	165.8 km
	W25FR-D	D25	LD	LIC	CLARKSBURG, WV	BLANK0000158971	33.8

Service area	Terrain-limited	IX-free	Percent IX
812.8 10,881	796.9 10,772	759.2 9,981	4.73 7.34

Undesired	Total IX	Unique IX	Prcnt Unique IX
KDKA-TV D25 DT LIC 1.0	0 1.0	0	0.12 0.00
W25FR-D D25 LD LIC 36.7	791 36.7	791	4.61 7.34