

Study created: 2022.01.10 17:35:37 JMc
Study build station data: LMS TV 2022-01-10

Proposal: WVUX-LD D10 LD CP FAIRMONT, WV
File number: BLANK0000051588
Facility ID: 129306
Station data: User record
Record ID: 1329
Country: U.S.

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

Individual records excluded:
20090612AJY WVFX D10 DT LIC CLARKSBURG, WV BLCDT20090612AJY

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
Yes	WTOV-TV	D9	DT	LIC	STEUBENVILLE, OH	BLCDT20111206ACB	121.8 km
No	WVPB-TV	D9	DT	LIC	HUNTINGTON, WV	BLANK0000141956	186.5
No	W45DN-D	D10	LD	CP	WASHINGTON, DC	BLANK0000052029	323.4
No	DDWWRD-LP	D10+	LD	APP	DAYTON, OH	BLANK0000053047	328.1
No	WOIO	D10	DT	CP	SHAKER HEIGHTS, OH	BLANK0000035655	263.1
No	WOIO	D10	DT	LIC	SHAKER HEIGHTS, OH	BLANK0000040178	263.0
No	WHTM-TV	D10	DT	LIC	HARRISBURG, PA	BLANK0000176940	308.0
No	WIIC-LD	D10+	LD	APP	PITTSBURGH, PA	BLANK0000089350	133.0
No	WWBT	D10	DT	LIC	RICHMOND, VA	BLANK0000108718	312.7
No	WOWK-TV	D10	DT	LIC	HUNTINGTON, WV	BLANK0000168156	186.5
Yes	WPCW	D11	DT	LIC	JEANNETTE, PA	BLCDT20090626AAT	137.4
No	WVPT	D11	DD	LIC	STAUNTON, VA	BLANK0000055362	149.9
No	WVNS-TV	D11	DT	LIC	LEWISBURG, WV	BLANK0000126737	170.9

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D10
Mask: Stringent
Latitude: 39 16 34.50 N (NAD83)
Longitude: 80 17 37.10 W
Height AMSL: 493.2 m
HAAT: 0.0 m
Peak ERP: 1.25 kW
Antenna: DRV 39.0 deg
Elev Pattn: Generic
Elec Tilt: 0.50

48.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.499 kW	153.8 m	39.8 km
45.0	1.21	130.9	43.6
90.0	0.254	130.7	32.5
135.0	0.002	120.7	9.6
180.0	0.016	129.7	17.4
225.0	0.004	155.2	13.4
270.0	0.021	132.0	18.9

315.0 0.007 154.4 15.7

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 138 m

Distance to Canadian border: 320.6 km

Distance to Mexican border: 2140.1 km

Conditions at FCC monitoring station: Laurel MD
Bearing: 91.3 degrees Distance: 299.3 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 280.6 degrees Distance: 2126.9 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%

No IX check failures found.