

Study created: 2018.02.14 07:39:37

Study build station data: LMS TV 2018-02-13 (54)

Proposal: W44DK-D D11 LD LIC CLARKSBURG, WV  
File number: BLDL20121107AEJ  
Facility ID: 129699  
Station data: User record  
Record ID: 139  
Country: U.S.

Build options:  
Protect records not on baseline channel

Stations affected by proposal:

Call	Chan	Svc	Status	City, State	File Number	
Distance						
WVFX	D10	DT	LIC	CLARKSBURG, WV	BLCDDT20090612AJY	5.0
km						
WPCW	D11	DT	LIC	JEANNETTE, PA	BLCDDT20090626AAT	137.5
WVPT	D11	DD	LIC	STAUNTON, VA	BLEDT20130214ACP	149.9
WVNS-TV	D11	DT	CP	LEWISBURG, WV	BLANK0000029985	170.8
WVPT	D12	DD	CP	STAUNTON, VA	BLANK0000028448	149.9
WBOY-TV	D12	DT	LIC	CLARKSBURG, WV	BLANK0000003150	3.1

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D11  
Mask: Stringent  
Latitude: 39 16 32.00 N (NAD83)  
Longitude: 80 17 43.00 W  
Height AMSL: 527.0 m  
HAAT: 0.0 m  
Peak ERP: 3.00 kW  
Antenna: KAT DR 0.0 deg  
Elev Pattn: Generic  
Elec Tilt: 0.50

48.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.004 kW	187.7 m	14.8 km
45.0	0.004	166.6	14.4
90.0	0.663	168.4	43.5
135.0	3.00	158.7	53.3
180.0	0.663	166.9	43.3
225.0	0.004	189.7	15.2
270.0	0.004	163.7	13.8
315.0	0.030	182.7	24.0

Database HAAT does not agree with computed HAAT  
Database HAAT: 0 m Computed HAAT: 173 m

Distance to Canadian border: 320.6 km

Distance to Mexican border: 2140.0 km

Conditions at FCC monitoring station: Laurel MD

Bearing: 91.3 degrees Distance: 299.4 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 280.6 degrees Distance: 2126.8 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%

Proposal receives 22.95% interference from scenario 1

No IX check failures found.