

Study created: 2019.04.30 19:56:25

Study build station data: LMS TV 2019-04-29

Proposal: WUSV-LD D16 LD LIC FAIRMONT, WV
File number: BLDTL20140616AEQ
Facility ID: 187816
Station data: User record
Record ID: 57
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	WEWS-TV	D15	DT	LIC	CLEVELAND, OH	BLCDT20091211ACS	262.5 km
No	WQCW	D15	DT	CP	PORTSMOUTH, OH	BLANK00000025192	186.9
No	WPSU-TV	D15	DD	LIC	CLEARFIELD, PA	BLEDT20130614ACC	258.6
No	W20CT-D	D16	LD	CP	AUGUSTA, KY	BLANK00000053659	325.6
No	WKHA	D16	DT	LIC	HAZARD, KY	BLANK0000001625	342.5
No	WCPB	D16	DT	CP	SALISBURY, MD	BLANK00000029877	419.0
No	WXII-TV	D16	DT	CP	WINSTON-SALEM, NC	BLANK00000034697	322.4
No	WNYO-TV	D16	DT	CP	BUFFALO, NY	BLANK00000034641	432.2
No	W16DR-D	D16	LD	CP	ELMIRA, NY	BNPDTL20100513ABR	418.3
No	W16DO-D	D16	DC	LIC	CLEVELAND, OH	BLANK00000001124	262.6
No	WRAP-LP	D16-	LD	APP	CLEVELAND, OH	BLANK00000071862	262.8
Yes	WOSU-TV	D16	DT	CP	COLUMBUS, OH	BLANK00000033620	245.2
No	WPTD	D16	DT	LIC	DAYTON, OH	BLEDT20090923ACN	342.8
No	WOOH-LP	N16-	TX	LIC	ZANESVILLE, OH	BLTT20021211AAM	161.2
No	WOOH-LP	D16	LD	APP	ZANESVILLE, OH	BDFCDTT20060330ADJ	161.2
No	WSEE-TV	D16	DT	LIC	ERIE, PA	BLCDT20071219AAS	311.0
No	W16CO-D	D16	LD	LIC	MIDDLEBURG, PA	BLDTL20110222ADB	314.4
Yes	WINP-TV	D16	DT	CP	PITTSBURGH, PA	BLANK00000034405	133.1
No	WNEP-TV	D16	DT	CP	SCRANTON, PA	BLANK00000058813	431.0
No	WAPK-CD	D16	DC	LIC	BRISTOL VA/KINGSPORT, TN	BLANK00000070481	355.1
No	WVAW-LD	D16	LD	LIC	CHARLOTTESVILLE, VA	BLDTL20090218AEG	213.1
No	WHRO-TV	D16	DT	LIC	HAMPTON-NORFOLK, VA	BLEDT20090701AFO	430.5
No	WAZC-LP	N16-	TX	LIC	LURAY, VA	BLTTL20020508AAB	161.5
No	WTKR	D16	DT	CP	NORFOLK, VA	BLANK00000034472	430.5
No	W16CE	N16-	TX	LIC	CHARLESTON, WV	BLTTL20030606ABF	154.6
Yes	WZTS-LD	D16	LD	LIC	Hinton, WV	BLANK00000025146	160.8
Yes	W41DK-D	D16	LD	CP	KEYSER, WV	BLANK00000035614	105.2
No	W16CV-D	D16	LD	LIC	PARKERSBURG, WV	BLDTL20140527AHW	99.6
No	WBNX-TV	D17	DT	CP	AKRON, OH	BLANK00000028072	262.6
No	WKYC	D17	DT	LIC	CLEVELAND, OH	BLCDT20090619ADC	262.6
No	WQCW	D17	DT	LIC	PORTSMOUTH, OH	BLCDT20100422ABY	186.4
No	WJMB-CD	D17	DC	LIC	BUTLER, PA	BLDTA20121108ALX	186.6
No	WFXR	D17	DT	LIC	ROANOKE, VA	BLCDT20090609ABS	231.4
No	WVVA	D17	DT	CP	BLUEFIELD, WV	BLANK00000027470	237.4
No	W30CO-D	D17	LD	CP	WHEELING, WV	BLANK00000054635	95.7

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D16
Mask: Full Service
Latitude: 39 16 32.00 N (NAD83)
Longitude: 80 17 43.00 W
Height AMSL: 507.3 m
HAAT: 0.0 m
Peak ERP: 15.0 kW
Antenna: OMNI 0.0 deg
Elev Pattn: Generic
Elec Tilt: 0.50

48.9 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	15.0 kW	168.0 m	50.3 km
45.0	15.0	146.9	48.9
90.0	15.0	148.7	49.0
135.0	15.0	139.0	48.4
180.0	15.0	147.2	48.9
225.0	15.0	170.0	50.4
270.0	15.0	144.0	48.7
315.0	15.0	163.0	50.0

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 153 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

No land mobile station failures found

Proposal is not within the Offshore Radio Service protected area

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 BLDTL20140616AEQ ----

Proposal receives 9.01% interference from scenario 1
No IX check failures found.