

Study created: 2018.05.18 19:09:07

Study build station data: LMS TV 2018-05-18 #28

Proposal: W30DG-D D26 LD APP HUNTINGTON, WV

File number: ch 33 application amended to 26

Facility ID: 49407

Station data: User record

Record ID: 192

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	WUPX-TV	D25	DT	CP	MOREHEAD, KY	BLANK0000034400	121.8 km
No	WCPX-LP	D25	LD	CP	COLUMBUS, OH	BDISDTL20080905AEC	185.4
No	WLFB	D25	DT	CP	BLUEFIELD, WV	BLANK0000034862	167.1
No	W24DS-D	D25	LD	APP	PARKERSBURG, WV	BLANK0000051781	135.4
No	WFIE	D26	DT	CP	EVANSVILLE, IN	BLANK0000034157	451.1
No	WUDZ-LD	D26	LD	APP	TERRE HAUTE, IN	BLANK0000051644	366.5
Yes	WKAS	D26	DT	LIC	ASHLAND, KY	BLEDT20020404ABM	19.6
No	WLKY	D26	DT	LIC	LOUISVILLE, KY	BLCDDT20030129AFL	298.7
No	WDVM-TV	D26	DT	LIC	HAGERSTOWN, MD	BLCDDT20090612AFP	407.1
Yes	WGPT	D26	DT	CP	OAKLAND, MD	BLANK0000034106	290.2
No	WGPX-TV	D26	DT	CP	BURLINGTON, NC	BLANK0000034889	342.2
No	W47DY-D	D26	LD	APP	CANTON/WAYNESVILLE, NC	BLANK0000054211	320.1
No	WHEH-LD	D26	LD	APP	LUMBERTON, NC	BLANK0000051639	383.8
No	W42DR-D	D26	LD	APP	MARION, NC	BLANK0000054245	311.1
Yes	WCPO-TV	D26	DT	CP	CINCINNATI, OH	BLANK0000034668	197.9
No	WEKA-LD	D26	LD	APP	Cleveland, OH	BLANK0000051631	324.9

No	WVIZ	D26	DT LIC	CLEVELAND, OH	BLANK0000006262	335.3
No	WCSN-LD	D26	LD APP	COLUMBUS, OH	BLANK0000053697	185.4
No	WDFM-LP	N26-	TX LIC	DEFIANCE, OH	BLTTL20031007AAN	367.5
Yes	WBDT	D26	DT LIC	SPRINGFIELD, OH	BLCDT20090619AAV	215.9
No	WUPW	D26	DT CP	TOLEDO, OH	BLANK0000034234	370.5
No	WFXP	D26	DT CP	ERIE, PA	BLANK0000028342	448.4
No	WOSC-CD	D26	DC CP	PITTSBURGH, PA	BLANK0000029678	307.4
No	WOSC-CD	D26	DC LIC	PITTSBURGH, PA	BLDTA20130115ADH	307.4
No	WNEH	D26	DT CP	GREENWOOD, SC	BLANK0000025027	450.4
No	WATE-TV	D26	DT LIC	KNOXVILLE, TN	BMLCDT20041203AEG	301.2
No	WHTJ	D26	DT CP	CHARLOTTESVILLE, VA	BLANK0000034130	345.6
No	WRLH-TV	D26	DT LIC	RICHMOND, VA	BLCDT20041207AAW	432.5
No	W26EL-D	D26	LD CP	CLARKSBURG, WV	BNPDTL20100514AAX	205.9
Yes	WIYE-LD	D26	LD APP	PARKERSBURG, WV	BLANK0000052516	126.2
No	WTVQ-DT	D27	DT CP	LEXINGTON, KY	BLANK0000026675	179.2
Yes	WOUB-TV	D27	DT LIC	ATHENS, OH	BLEDT20030411ABC	101.8
No	WTTE	D27	DT CP	COLUMBUS, OH	BLANK0000034206	176.9
No	WKPT-TV	D27	DT LIC	KINGSPORT, TN	BLANK0000003746	222.2
No	WPXR-TV	D27	DT CP	ROANOKE, VA	BLANK0000034915	239.6
No	W16CE	D27-	LD APP	CHARLESTON, WV	BLANK0000054050	65.2
No	WHJC-LP	D27	LD LIC	WILLIAMSON, WV	BLDTL20100910AAH	81.1

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D26

Mask: Full Service

Latitude: 38 25 11.00 N (NAD83)

Longitude: 82 24 6.00 W

Height AMSL: 385.0 m

HAAT: 0.0 m

Peak ERP: 15.0 kW

Antenna: AND-ALP16P (ID 16645) 20.0 deg

Elev Pattn: Generic

Elec Tilt: 1.00

50.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	9.06 kW	178.5 m	47.2 km
45.0	9.74	185.7	48.0
90.0	15.0	200.6	51.0
135.0	6.34	145.7	43.3
180.0	1.01	146.5	33.9
225.0	1.01	153.9	34.3
270.0	7.69	191.8	47.2
315.0	14.9	159.3	48.5

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 170 m

Distance to Canadian border: 362.0 km

Distance to Mexican border: 1939.1 km

Conditions at FCC monitoring station: Laurel MD

Bearing: 78.5 degrees Distance: 490.4 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 282.8 degrees Distance: 1967.5 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%

**IX check failure to BLEDT20020404ABM LIC scenario 1, 40.13% interference caused