

Study created: 2023.05.25 16:38:46

Study build station data: LMS TV 2023-03-14

Proposal: WDWA-L D29 LD CP Damascus, VA  
File number: BLANK0000112251  
Facility ID: 131044  
Station data: User record  
Record ID: 2555  
Country: U.S.

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
Yes	WFPT	D28	DT	LIC	FREDERICK, MD	BLANK0000160164	41.8 km
No	WGDV-LD	D28	LD	LIC	SALISBURY, MD	BLANK0000125653	118.8
No	WCAU	D28	DT	LIC	PHILADELPHIA, PA	BLANK0000079825	175.7
No	WHSV-TV	D28	LD	LIC	HARRISONBURG, VA	BLANK0000196197	161.6
No	WRIC-TV	D28	DT	LIC	PETERSBURG, VA	BLANK0000186787	186.8
Yes	WWPB	D29	DT	LIC	HAGERSTOWN, MD	BLANK0000114259	112.5
No	WMDT	D29	DT	LIC	SALISBURY, MD	BLANK0000125726	118.8
No	WUND-TV	D29	DT	LIC	EDENTON, NC	BLANK0000132286	358.0
No	WXLV-TV	D29	DT	LIC	WINSTON-SALEM, NC	BLANK0000158591	442.8
No	W29FF-D	D29	LD	LIC	ATLANTIC CITY, NJ	BLANK0000094133	212.8
No	W29FF-D	D29	LD	CP	ATLANTIC CITY, NJ	BLANK0000195409	234.1
No	W29EV-D	D29z	LD	LIC	HACKETTSTOWN, NJ	BLANK0000074735	259.5
No	WPXU-LD	D29+	LD	LIC	AMITYVILLE, NY	BLANK0000203099	309.0
No	W29EZ-D	D29	LD	LIC	ELMIRA, NY	BLANK0000066382	326.7
No	WNYD-LD	D29+	LD	LIC	NEW YORK, NY	BLANK0000203192	309.0
No	WLNY-TV	D29	DT	LIC	RIVERHEAD, NY	BLANK0000080208	392.4
No	WKTV	D29	DT	LIC	UTICA, NY	BLCDT20060630ACL	474.1
No	WNEO	D29	DT	LIC	ALLIANCE, OH	BLANK0000120667	398.1
No	WWAT-CD	D29	DC	LIC	CHARLEROI, PA	BLANK0000101490	288.2
No	WWAT-CD	D29	DC	CP	CHARLEROI, PA	BLANK0000155811	303.5
No	W29EU-D	D29	LD	LIC	CLARKS SUMMIT, ETC., PA	BLANK0000060867	282.4
No	WELL-LD	D29	LD	LIC	PHILADELPHIA, PA	BLANK0000150430	175.7
No	WIIC-LD	N29+	TX	LIC	PITTSBURGH, PA	BLTTL19981230JB	303.5
No	W29FQ-D	D29	LD	LIC	POTTSVILLE, PA	BLANK0000165230	185.1
No	WHVL-LP	N29+	TX	APP	STATE COLLEGE, ETC., PA	BLTTL19911123JH	223.4
No	WQMY	D29	DT	LIC	WILLIAMSPORT, PA	BLCDT20090223ABU	235.0
No	WQMY	D29	DT	CP	WILLIAMSPORT, PA	BLANK0000035754	235.0
No	WCVW	D29	DT	LIC	RICHMOND, VA	BLANK0000186570	186.8
No	WCHS-TV	D29	DT	LIC	CHARLESTON, WV	BLANK0000167887	442.3

No	W29FK-D	D29	LD	CP	CLARKSBURG, WV	BLANK0000162164	286.9
No	W29FK-D	D29	LD	LIC	CLARKSBURG, WV	BLANK0000160508	295.2
No	W29DH-D	D29	LD	LIC	MOOREFIELD, WV	BLDTT20120608ABZ	175.8
No	WIAV-CD	D30	DC	LIC	WASHINGTON, DC	BLANK0000133452	24.6
No	WCZS-LD	D30	LD	LIC	CHAMBERSBURG, PA	BLANK0000141136	129.7
No	WPCW	D30	LD	LIC	JEANNETTE, PA	BLANK0000064153	227.5
No	KYW-TV	D30	DT	LIC	PHILADELPHIA, PA	BLANK0000129344	175.3
No	WVIR-TV	D30	LD	CP	CHARLOTTESVILLE, VA	BLANK0000212411	130.9
No	WSVW-LD	D30	LD	LIC	HARRISONBURG, VA	BLANK0000120244	181.7

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D29  
 Mask: Full Service  
 Latitude: 39 5 38.00 N (NAD83)  
 Longitude: 76 52 37.00 W  
 Height AMSL: 97.0 m  
 HAAT: 0.0 m  
 Peak ERP: 4.00 kW  
 Antenna: SAM 460 260.0 deg  
 Elev Pattn: Generic

50.2 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.002 kW	-16.7 m	3.6 km
45.0	0.023	33.1	7.1
90.0	0.014	49.7	7.8
135.0	0.023	50.5	8.9
180.0	0.000	50.3	3.3
225.0	1.37	23.7	19.1
270.0	3.69	-25.3	23.7
315.0	0.250	-22.9	12.3

Database HAAT does not agree with computed HAAT  
 Database HAAT: 0 m    Computed HAAT: 18 m

Distance to Canadian border: 449.6 km

Distance to Mexican border: 2368.6 km

Conditions at FCC monitoring station: Laurel MD  
Bearing: 31.3 degrees Distance: 9.3 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:  
Bearing: 281.9 degrees Distance: 2419.6 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%

---- Below is IX received by proposal BLANK0000112251 ----

Proposal receives 21.51% interference from scenario 1  
No IX check failures found.