

Study complete

Interference check study for BLANK0000195543 W23ED-D D23 LD APP *P SALISBURY,
MD

Study created: 2022.07.25 15:25:27

Study build station data: LMS TV live server

Proposal: W23ED-D D23 LD APP *P SALISBURY, MD
File number: BLANK0000195543
Facility ID: 184457
Station data: LMS TV live server
Record ID: 25076f9181f47ea9018226abed4444da
Country: U.S.

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

Search options:
Baseline record excluded if station has CP

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WMPB	D22	DT	LIC	BALTIMORE, MD	BLANK0000166001	152.4 km
No	WBOC-LD	D22	LD	LIC	Cambridge, MD	BLANK0000149920	12.1
No	WPHY-CD	D22	DC	LIC	TRENTON, NJ	BLANK0000079874	186.3
No	WCVE-TV	D22	DT	LIC	RICHMOND, VA	BLANK0000112529	197.4
No	WDDN-LD	D23	LD	LIC	WASHINGTON, DC	BLDTL20120810AAG	139.4
No	WDVM-TV	D23	DT	LIC	HAGERSTOWN, MD	BLANK0000080408	244.5
No	WDVM-TV	D23	DT	CP	HAGERSTOWN, MD	BLANK0000127595	206.5
No	WMJF-CD	D23	DC	LIC	TOWSON, MD	BLANK0000116949	139.0
No	WUNC-TV	D23	LD	LIC	CHAPEL HILL, NC	BLANK0000119643	348.5
No	WNGT-CD	D23	DC	LIC	RALEIGH, NC	BLANK0000143970	396.2
No	WNJS	D23	DT	LIC	CAMDEN, NJ	BLANK0000125056	163.5
No	W23EX-D	D23z	LD	LIC	SUSSEX, NJ	BLANK0000080129	319.7
No	WETM-TV	D23	DT	LIC	ELMIRA, NY	BLANK0000129877	425.2
No	WXNY-LD	D23	LD	LIC	NEW YORK, NY	BLANK0000182227	297.7
No	W23ER-D	D23z	LD	LIC	POUGHKEEPSIE, NY	BLANK0000068283	395.1
No	WFTY-DT	D23	DT	LIC	SMITHTOWN, NY	BLCDT20120427ABO	360.5
No	WPXI	D23	DT	LIC	PITTSBURGH, PA	BLANK0000080213	438.8
No	WITD-CD	D23	DC	LIC	CHESAPEAKE, VA	BLANK0000001500	190.9
No	WDAW-LD	D23	LD	LIC	Damascus, VA	BLDTL20140528ACM	152.4
No	WMDV-LD	D23	LD	LIC	DANVILLE, VA	BLANK0000145262	376.9
No	WTVR-TV	D23	DT	LIC	RICHMOND, VA	BLANK0000185678	197.4
No	W23DR-D	D23	LD	LIC	ROMNEY, WV	BLDTT20090609AAZ	284.3
No	WMDO-CD	D24	DC	LIC	WASHINGTON, DC	BLANK0000167891	138.3
Yes	WDPB	D24	DT	LIC	SEAFORD, DE	BLANK0000080899	28.8
No	WWDD-LD	D24	LD	CP	HAVRE DE GRACE, MD	BLANK0000130050	134.4
No	W48DP-D	D24	LD	CP	ATLANTIC CITY, NJ	BLANK0000045666	148.4
No	WPHA-CD	D24	DC	LIC	PHILADELPHIA, PA	BLDTA20130920ADK	186.3
No	WRLH-TV	D24	DT	LIC	RICHMOND, VA	BLANK0000186907	197.4
No	WDCO-CD	D24	DC	LIC	WOODSTOCK, VA	BLANK0000138193	138.3
No	WRZH-LD	N27+	TX	LIC	RED LION-HARRISBURG, PA	BLTTL19870929IH	88.8

No non-directional AM stations found within 0.8 km

Directional AM stations within 3.2 km:

WJDY 1470 L DA2 N SALISBURY, MD BL	null
WJDY 1470 L DAD D SALISBURY, MD BL	null

Record parameters as studied:

Channel: D23
Mask: Simple
Latitude: 38 23 47.80 N (NAD83)
Longitude: 75 38 53.00 W
Height AMSL: 23.8 m (Adjusted based on actual ground elevation calculation)
HAAT: 0.0 m
Peak ERP: 0.100 kW
Antenna: Sam-SAMC0160 (ID 1009817) 160.0 deg
Elev Pattn: Generic

49.7 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.001 kW	10.3 m	3.5 km
45.0	0.004	9.8	4.5
90.0	0.004	9.1	4.7
135.0	0.068	12.6	9.3
180.0	0.079	15.5	9.6
225.0	0.007	20.6	5.4
270.0	0.003	18.6	4.4
315.0	0.001	15.0	3.5

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 14 m

Distance to Canadian border: 565.2 km

Distance to Mexican border: 2421.6 km

Conditions at FCC monitoring station: Laurel MD

Bearing: 310.4 degrees Distance: 132.8 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 283.8 degrees Distance: 2540.6 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%

No IX check failures found.

Output Files:

```
log.txt  
tvstudy.txt  
tvixstudy.txt  
tvixcontour.csv  
tvixcontour.kml  
tvstudy_settings.txt
```