

Study created: 2018.12.06 09:03:10

Study build station data: LMS TV 2018-11-26

Proposal: WOBZ-LD D9 LD APP RICHMOND, KY
Facility ID: 2231
Station data: User record
Record ID: 65
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
Yes	WBNA	D8	DT	APP	LOUISVILLE, KY	BLANK0000035747	146.8 km
No	WBNA	D8	DT	LIC	LOUISVILLE, KY	BLCDT20021024AAB	146.8
No	WILL-TV	D9	DT	APP	URBANA, IL	BPEDT20100406ABJ	472.1
No	WILL-TV	D9	DT	LIC	URBANA, IL	BLEDT20050920AEE	472.1
Yes	WNIN	D9	DT	APP	EVANSVILLE, IN	BLANK0000035682	276.3
Yes	WNIN	D9	DT	LIC	EVANSVILLE, IN	BLEDT20090612AGN	276.3
Yes	WISH-TV	D9	DT	LIC	INDIANAPOLIS, IN	BLANK0000055426	305.2
No	W09AS-D	D9	LD	LIC	BURNSVILLE, NC	BLDTV20140623ABR	252.7
No	WTVI	D9	DT	CP	CHARLOTTE, NC	BLANK0000028208	406.0
No	W09AG-D	D9	LD	LIC	FRANKLIN, NC	BLDTV20120622ABQ	281.1
No	W09AF-D	D9	LD	LIC	SYLVA, NC	BLDTV20120622ACL	268.0
No	W09AR-D	D9	LD	LIC	WEAVERVILLE, NC	BLDTV20120622ABD	262.5
No	WRCX-LP	D9+	LD	CP	DAYTON, OH	BLANK0000054778	229.6
No	WTOV-TV	D9	DT	LIC	STEUBENVILLE, OH	BLCDT20111206ACB	426.4
Yes	WNTV	D9	DT	LIC	GREENVILLE, SC	BLANK0000040864	340.0
Yes	WOPI-CD	D9	DC	LIC	BRISTOL,VA/KINGSPORT, TN	BLANK0000001269	224.8
No	WTVC	D9	DT	LIC	CHATTANOOGA, TN	BLCDT20090914ABU	296.8
Yes	WTVC	D9	DT	APP	CHATTANOOGA, TN	BLANK0000035651	296.8
Yes	WJHL-TV	D9	DT	CP	JOHNSON CITY, TN	BLANK0000027557	224.7
Yes	WVPB-TV	D9	DT	CP	HUNTINGTON, WV	BLANK0000034622	194.1
No	WBIR-TV	D10	DT	LIC	KNOXVILLE, TN	BLCDT20090619ADG	184.9
No	WOWK-TV	D10	DT	CP	HUNTINGTON, WV	BLANK0000034807	194.1

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D9
Mask: Stringent
Latitude: 37 39 35.90 N (NAD83)
Longitude: 84 8 59.70 W
Height AMSL: 419.7 m
HAAT: 0.0 m
Peak ERP: 3.00 kW
Antenna: Omnidirectional
Elev Pattn: Generic

48.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	3.00 kW	160.3 m	53.5 km
45.0	3.00	184.1	55.5

90.0	3.00	197.8	56.3
135.0	3.00	118.7	48.5
180.0	3.00	101.5	46.0
225.0	3.00	120.9	48.8
270.0	3.00	125.6	49.3
315.0	3.00	142.5	51.4

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 144 m

Distance to Canadian border: 463.8 km

Distance to Mexican border: 1769.1 km

Conditions at FCC monitoring station: Powder Springs GA
Bearing: 187.2 degrees Distance: 425.3 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 285.1 degrees Distance: 1839.2 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 Proposed as of 181206 -----

Proposal receives 2.29% interference from scenario 1
No IX check failures found.