

## Interference check study for BLANK0000084516 WFLD D24 DT STA \*P CHICAGO, IL

Study complete

[log.txt](#)

Study created: 2019.10.09 12:41:00

Study build station data: LMS TV live server

Proposal: WFLD D24 DT STA \*P CHICAGO, IL  
 File number: BLANK0000084516  
 Facility ID: 22211  
 Station data: LMS TV live server  
 Record ID: 25076ff36d2da475016d4a77aa1229fe  
 Country: U.S.  
 Zone: I

Search options:

Non-U.S. records included

Baseline record excluded if station has CP

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WRJK-LP	N22-	TX	LIC	ARLINGTON HEIGHTS, IL	BLTT19991020AAO	39.8 km
Yes	WCIU-TV	D23	DT	CP	CHICAGO, IL	BLANK0000078660	2.5
No	W23EQ-D	D23	LD	LIC	DANVILLE, IL	BLANK0000068569	194.4
No	WQPT-TV	D23	DT	LIC	MOLINE, IL	BLEDT20030702AAR	238.2
No	WQPT-TV	D23	DT	CP	MOLINE, IL	BLANK0000035678	238.2
No	WFBN-LD	D23	LD	CP	ROCKFORD, IL	BLANK0000075902	135.1
No	WUEA-LD	D23	LD	LIC	South Bend, IN	BLANK0000004243	120.4
No	WUEA-LD	D23	LD	CP	South Bend, IN	BLANK0000036429	142.9
No	W23BW-D	D23	DC	LIC	MADISON, WI	BLDTA20140827AAD	198.9
No	W23BW-D	D23	DC	APP	MADISON, WI	BLANK0000035876	198.9
No	WTAS-LP	D23-	LD	CP	WAUKESHA, WI	BLANK0000054059	127.6
No	KRUB-LD	D24	LD	LIC	CEDAR RAPIDS, IA	BLANK0000008208	337.0
No	K24IM-D	D24	LD	LIC	KEOSAUQUA, IA	BLDTT20111228AAV	383.6
No	KIMT	D24	DT	LIC	MASON CITY, IA	BLANK0000067292	450.8
Yes	WRJK-LP	D24	LD	CP	ARLINGTON HEIGHTS, IL	BMPDTL20140211ACV	2.5
No	W24EV-D	D24	LD	CP	JACKSONVILLE, IL	BLANK0000071937	292.7
Yes	WHOI	D24	DT	CP	PEORIA, IL	BLANK0000034285	214.7
Yes	WUEB-LD	D24	LD	LIC	ROCKFORD, IL	BLANK0000008359	210.0
No	NEW	D24	LD	APP	EVANSVILLE, IN	BNPDTL20090825BAF	426.4
Yes	WPTA	D24	DT	LIC	FORT WAYNE, IN	BLANK0000068624	221.5
No	WJTS-CD	D24	DC	CP	JASPER, IN	BLANK0000028094	396.1
No	WJTS-CD	D24	DC	LIC	JASPER, IN	BLANK0000083248	396.1
No	WKON	D24	DT	CP	OWENTON, KY	BLANK0000034637	444.4
No	WCML	D24	DT	LIC	ALPENA, MI	BLEDT20110707ABQ	455.4
No	WPXD-TV	D24	DT	CP	ANN ARBOR, MI	BLANK0000034355	360.9
Yes	WTLJ	D24	DT	LIC	MUSKEGON, MI	BLANK0000001674	183.8
No	W24DL-D	D24	LD	LIC	SAGINAW, MI	BLDTL20120905AAM	341.1
No	KMOV	D24	DT	LIC	ST. LOUIS, MO	BLCDT20090626ACG	437.9
Yes	WZCK-LD	D24	LD	CP	MADISON-MIDDLETON, WI	BLANK0000051613	198.8
Yes	WHRM-TV	D24	DT	LIC	WAUSAU, WI	BLEDT20051014AAW	375.1
Yes	WHRM-TV	D24	DT	CP	WAUSAU, WI	BLANK0000035674	375.1
Yes	W25DW-D	D25	LD	LIC	ARBURY HILLS, IL	BLDTL20110224ACQ	1.5
Yes	WTTW	D25	DT	CP	CHICAGO, IL	BLANK0000034877	2.5
Yes	WTTW	D25	DT	APP	CHICAGO, IL	BLANK0000084058	2.5
No	WEEK-TV	D25	DT	LIC	PEORIA, IL	BLCDT20090413AER	213.9
No	WMKB-LP	N25z	TX	LIC	Rochelle, IL	BLTTL20070813AFM	131.1

No	WBKM-LP	D25+	LD	CP	Rockford, IL	BLANK0000054706	131.1
No	W43DI-D	D25	LD	CP	FORT WAYNE, IN	BLANK0000052700	224.6
No	WRTV	D25	DT	LIC	INDIANAPOLIS, IN	BLCDT20090623ACJ	252.3
Yes	WCWW-LD	D25	LD	LIC	SOUTH BEND, IN	BLDTL20121022ABV	123.3
Yes	WCWW-LD	D25	LD	CP	SOUTH BEND, IN	BLANK0000054334	123.3
No	WOGC-CD	D25	DC	LIC	HOLLAND, MI	BLDTA20120316ADA	170.8
No	WJGP-LD	D25	LD	CP	KALAMAZOO, MI	BLANK0000054651	190.3
No	WTSJ-LP	D25	LD	CP	MILWAUKEE, WI	BLANK0000051670	135.1

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D24  
Latitude: 41 53 56.10 N (NAD83)  
Longitude: 87 37 23.20 W  
Height AMSL: 618.4 m  
HAAT: 439.0 m  
Peak ERP: 737 kW  
Antenna: DIELECTRIC-TUF-C4-12/48H-2 (ID 1005668) 0.0 deg  
Elev Pattn: Generic  
Elec Tilt: 1.00

39.8 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	267 kW	443.0 m	99.8 km
45.0	117	443.3	92.9
90.0	123	442.9	93.2
135.0	682	443.3	109.1
180.0	425	436.8	103.7
225.0	617	436.7	107.4
270.0	428	432.3	103.4
315.0	633	436.0	107.6

ERP exceeds maximum

ERP: 737 kW ERP maximum: 701 kW

Distance to Canadian border: 370.0 km

Distance to Mexican border: 1827.9 km

Conditions at FCC monitoring station: Allegan MI

Bearing: 59.6 degrees Distance: 158.1 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 268.4 degrees Distance: 1486.0 km

Study cell size: 2.00 km

Profile point spacing: 0.10 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

[tvstudy.txt](#)

[tvixstudy.txt](#)

[tvixcontour.csv](#)

[tvixcontour.kml](#)

[tvstudy\\_settings.txt](#)

[Main menu](#)