



Kessler and Gehman Associates
Consultants • Broadcast • Wireless

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Study build station data: LMS TV 2020-08-31

Proposal: WANE-TV D32 DT CP FORT WAYNE, IN
File number: BLANK0000034806
Facility ID: 39270
Station data: User record
Record ID: 2501
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	DWKOG-LP	D31	DC	BL	INDIANAPOLIS, IN	DTVBL34894	169.1 km
Yes	WNIT	D31	DT	LIC	SOUTH BEND, IN	BLANK0000087078	102.1
No	WMYD	D31	DT	LIC	DETROIT, MI	BLANK0000081119	224.3
No	WDTN	D31	DT	CP	DAYTON, OH	BLANK0000082150	171.7
Yes	WICD	D32	DT	LIC	CHAMPAIGN, IL	BLANK0000059351	257.2
No	WLPD-CD	D32	DC	LIC	PLANO, IL	BLANK0000113895	255.3
Yes	WDRB	D32	DT	LIC	LOUISVILLE, KY	BLANK0000087865	310.3
No	WFQX-TV	D32	DT	LIC	CADILLAC, MI	BLCDT20091217ACU	338.5
Yes	WFQX-TV	D32	DT	APP	CADILLAC, MI	BLANK0000035809	338.5
Yes	WDIV-TV	D32	DT	CP	DETROIT, MI	BLANK0000027872	225.0
Yes	WOUB-TV	D32	DT	LIC	ATHENS, OH	BLANK0000068360	324.5
No	WOCB-CD	D32	DC	BL	MARION, OH	DTVBL9939	199.3
No	WTMJ-TV	D32	DT	LIC	MILWAUKEE, WI	BLANK0000086939	315.7
No	WMAQ-TV	D33	DT	CP	CHICAGO, IL	BLANK0000080396	222.3
No	WTIU	D33	DT	LIC	BLOOMINGTON, IN	BLANK0000087599	244.1
No	WKAR-TV	D33	DT	LIC	EAST LANSING, MI	BLANK0000054990	189.7
No	WOKZ-CD	D33	DC	LIC	KALAMAZOO, MI	BLANK0000084116	139.1
No	WHIO-TV	D33	DT	LIC	DAYTON, OH	BLANK0000087475	170.5
No	CIII-DT-22D33		DT	LIC	STEVENSON, ON	BLANKCANADA222	248.6

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D32
Latitude: 41 5 38.00 N (NAD83)
Longitude: 85 10 48.00 W
Height AMSL: 492.7 m
HAAT: 246.6 m
Peak ERP: 1000 kW
Antenna: Dielectric-TFU-27ETT/VP-R C200 (ID 1002515) 352.5 deg
Elev Pattn: Generic
Elec Tilt: 0.75

40.5 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	992 kW	235.3 m	88.2 km
45.0	537	250.3	84.5
90.0	615	259.0	86.9
135.0	300	251.3	80.8
180.0	281	254.2	80.6
225.0	258	253.0	80.1
270.0	646	235.7	84.3
315.0	473	234.1	82.0

**Proposal is within coordination distance of Canadian border

Distance to Canadian border: 195.5 km

Distance to Mexican border: 1928.6 km

Conditions at FCC monitoring station: Allegan MI

Bearing: 339.3 degrees Distance: 179.9 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 273.1 degrees Distance: 1690.6 km

Study cell size: 2.00 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%

Proposal causes 0.02% interference to BLANK0000087078 LIC scenario 1
Proposal causes 0.09% interference to BLANK0000059351 LIC scenario 1
Proposal causes no interference to BLANK0000087865 LIC
Proposal causes no interference to BLANK0000035809 APP
Proposal causes no interference to BLANK0000027872 CP
Proposal causes no interference to BLANK0000068360 LIC

---- Below is IX received by proposal BLANK0000034806 ----

Proposal receives 1.17% interference from scenario 1
**MX with BLANK0000035809 APP scenario 2, 1.17% interference received