

Study created: 2021.04.23 12:00:06

Study build station data: LMS TV 2021-04-02

Proposal: W09CK D29 LD CP FLINT, MI
File number: BLANK0000071798
Facility ID: 15456
Station data: User record
Record ID: 745
Country: U.S.

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WKNX-LP	N22z	TX	LIC	PINCONNING, MI	BLTTL20030714AEI	63.7 km
No	WFHD-LP	N27z	TX	LIC	ANN ARBOR, MI	BLTT20000925AAY	99.6
No	WSYM-TV	D28	DT	LIC	LANSING, MI	BLANK0000105571	111.4
No	WBWM-LD	D28	LD	CP	MT PLEASANT, MI	BLANK0000126611	99.7
No	WLPC-LD	D28	LD	LIC	Redford, MI	BLANK0000112211	106.9
No	WAUR-LD	D29	LD	CP	AURORA, IL	BLANK0000108665	389.8
No	WEDX-LD	D29	LD	CP	FORT WAYNE, IN	BLANK0000036232	266.1
No	W51DU	D29-	LD	CP	LAFAYETTE, IN	BLANK0000054375	406.5
No	WSBT-TV	D29	DT	LIC	SOUTH BEND, IN	BLANK0000087455	270.7
No	WUHQ-LD	D29	LD	LIC	GRAND RAPIDS, MI	BLDTL20111121AAI	165.6
Yes	WLNK-LD	D29	LD	LIC	LANSING, MI	BLANK0000124986	86.4
No	WOMS-CD	D29	DC	LIC	MUSKEGON, MI	BLDTA20110812ACT	194.3
Yes	WGTU	D29	DT	CP	TRAVERSE CITY, MI	BLANK0000035794	207.3
Yes	WGTU	D29	DT	LIC	TRAVERSE CITY, MI	BLCDT20090622AFH	207.3
No	WDTB-LD	D29	LD	LIC	HAMBURG, NY	BLANK0000017735	391.7
No	WNEO	D29	DT	LIC	ALLIANCE, OH	BLANK0000120667	340.2
No	W29EL-D	D29	LD	CP	LIMA, OH	BNPDTL20100609AFJ	266.4
No	WAMS-LD	D29z	LD	LIC	MINSTER/NEW BREMEN, OH	BLANK0000106606	314.5
No	WIVN-LD	D29	LD	LIC	NEWCOMERSTOWN, OH	BLDTL20101222AAZ	361.2
No	WPTO	D29	DT	LIC	OXFORD, OH	BLANK0000113643	455.5

Yes	WGTE-TV	D29	DT	LIC	TOLEDO, OH	BLEDT20031110AKO	169.7
No	WOOH-LD	D29	LD	LIC	ZANESVILLE, OH	BLANK0000114544	366.6
No	WOOH-LD	D29	LD	CP	ZANESVILLE, OH	BLANK0000116352	353.9
No	WDJT-TV	D29	DT	LIC	MILWAUKEE, WI	BLANK0000086892	344.7
No	WPVS-LP	N29z	TX	LIC	MILWAUKEE, WI	BLTTL20080221AAP	346.1
No	WSJV	D30	DT	LIC	ELKHART, IN	BLANK0000124380	270.7
No	WNEM-TV	D30	DT	LIC	BAY CITY, MI	BLANK0000113433	35.6
No	WBWM-LP	N32z	TX	LIC	MOUNT PLEASANT, MI	BLTTL20001220ABG	99.1

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D29
 Mask: Full Service
 Latitude: 43 10 23.00 N (NAD83)
 Longitude: 83 40 51.00 W
 Height AMSL: 308.1 m
 HAAT: 0.0 m
 Peak ERP: 15.0 kW
 Antenna: DIE-TLP16-B (ID 19128) 150.0 deg
 Elev Pattn: Generic

50.2 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	5.77 kW	99.9 m	38.9 km
45.0	5.31	77.9	35.6
90.0	10.1	64.4	36.6
135.0	14.4	73.1	39.7
180.0	13.5	74.2	39.6
225.0	8.44	82.1	38.4
270.0	5.05	97.7	37.9

315.0 6.14 106.8 39.9

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 85 m

**Proposal 25.23 dBu contour crosses Canadian border, coordination required
Distance to Canadian border: 103.2 km

Distance to Mexican border: 2165.7 km

Conditions at FCC monitoring station: Allegan MI
Bearing: 252.0 degrees Distance: 195.7 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 266.7 degrees Distance: 1814.9 km

Study cell size: 1.00 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%

---- Below is IX received by proposal BLANK0000071798 ----

Proposal receives 7.27% interference from scenario 1
Proposal receives 7.24% interference from scenario 2
No IX check failures found.