



Kessler and Gehman Associates
Consultants • Broadcast • Wireless

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Study build station data: LMS TV 2020-06-24

Proposal: WEHT D12 DT CP EVANSVILLE, IN
File number: BLANK0000028458
Facility ID: 24215
Station data: User record
Record ID: 2455
Country: U.S.
Zone: II

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
Yes	WHAS-TV	D11	DT	LIC	LOUISVILLE, KY	BLCDT20100628AWQ	160.0 km
Yes	KFVS-TV	D11	DT	LIC	CAPE GIRARDEAU, MO	BLANK0000115816	177.2
No	WBBM-TV	D12	DT	APP	CHICAGO, IL	BLANK0000035681	446.1
No	WINM	D12	DT	LIC	ANGOLA, IN	BLCDT20130711ABN	463.7
Yes	WYMT-TV	D12	DT	LIC	HAZARD, KY	BLCDT20040109ACY	393.8
No	KRCG	D12	DT	CP	JEFFERSON CITY, MO	BLANK0000035648	405.6
No	KRCG	D12	DT	LIC	JEFFERSON CITY, MO	BLCDT20030709ABP	405.6
Yes	WKRC-TV	D12	DT	LIC	CINCINNATI, OH	BLCDT20090622AFI	300.7
No	WPXS	D13	DT	CP	MOUNT VERNON, IL	BLANK0000029698	210.5
No	WTHR	D13	DT	APP	INDIANAPOLIS, IN	BPCDT20130702ABM	258.7
No	WTHR	D13	DT	LIC	INDIANAPOLIS, IN	BLCDT20120127AIE	258.7
Yes	WBKO	D13	DT	APP	BOWLING GREEN, KY	BLANK0000035946	133.9
Yes	WBKO	D13	DT	LIC	BOWLING GREEN, KY	BLCDT20090423ABM	133.9

No non-directional AM stations found within 0.8 km

Directional AM stations within 3.2 km:

WSO 860 L DAN D HENDERSON, KY BL19860612AA

WSO 860 L DAN N HENDERSON, KY BL19860612AA

Record parameters as studied:

Channel: D12

Latitude: 37 51 57.00 N (NAD83)

Longitude: 87 34 4.00 W

Height AMSL: 433.1 m

HAAT: 314.7 m

Peak ERP: 14.0 kW

Antenna: Omnidirectional

Elev Pattn: Generic

Elec Tilt: 0.75

36.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	14.0 kW	320.8 m	96.4 km
45.0	14.0	318.1	96.2
90.0	14.0	308.4	95.5
135.0	14.0	305.1	95.3
180.0	14.0	313.0	95.8
225.0	14.0	315.4	96.0
270.0	14.0	323.3	96.6
315.0	14.0	313.4	95.9

Distance to Canadian border: 587.0 km

Distance to Mexican border: 1552.6 km

Conditions at FCC monitoring station: Powder Springs GA

Bearing: 149.2 degrees Distance: 513.4 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 284.8 degrees Distance: 1543.2 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%

Proposal causes no interference to BLCDT20100628AWQ LIC

Proposal causes no interference to BLANK0000115816 LIC

Proposal causes no interference to BLCDT20040109ACY LIC

Proposal causes 0.04% interference to BLCDT20090622AFI LIC scenario 1

Proposal causes 0.19% interference to BLANK0000035946 APP scenario 2

Proposal causes 0.01% interference to BLCDT20090423ABM LIC scenario 1

---- Below is IX received by proposal BLANK0000028458 ----

Proposal receives 0.21% interference from scenario 1

No IX check failures found.