



Kessler and Gehman Associates
Consultants • Broadcast • Wireless

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Study build station data: LMS TV 2020-10-26

Proposal: **W29EY-D** D29 LD CP COLUMBIA,
MS File number: BLANK0000117866
Facility ID: 43205
Station data: User record
Record ID: 2421
Country: U.S.

Build options:
Protect pre-transition records not on baseline channel

Search options:
Non-U.S. records included

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	KATC	D28	DT	LIC	LAFAYETTE, LA	BLCDT20071109AAV	257.0 km
No	KNLD-LD	D28	LD	LIC	NEW ORLEANS, LA	BLDTL20100312ABM	150.8
No	KNLD-LD	D28	LD	CP	NEW ORLEANS, LA	BDFCDTL20100201ADQ	150.8
Yes	WMAW-TV	D28	DT	LIC	MERIDIAN, MS	BLANK0000106235	119.5
No	WBRC	D29	DT	LIC	BIRMINGHAM, AL	BLANK0000081282	376.8
No	W29FJ-D	D29	LD	CP	DOTHAN, AL	BLANK0000071839	409.2
No	W29FP-D	D29	LD	CP	MONTGOMERY, AL	BNPDTL20090825BZR	359.8
No	WFBD	D29	DT	CP	DESTIN, FL	BLANK0000027353	297.6
No	W29FN-D	D29	LD	CP	PANAMA CITY, FL	BLANK0000116672	388.2
No	K29NX-D	D29	LD	CP	ALEXANDRIA, LA	BLANK0000072038	268.8
No	K29LR-D	D29	LD	LIC	BATON ROUGE, LA	BLANK0000103483	173.0
No	K45IM-D	D29	LD	CP	MONROE, LA	BLANK0000054924	263.0
Yes	WVUE-DT	D29	DT	LIC	NEW ORLEANS, LA	BLCDT20110502AEC	146.4
No	W29EB-D	D29	LD	CP	SULPHUR, LA	BNPDTL20100407ABJ	365.5
No	W29FH-D	D29	LD	CP	GREENVILLE, MS	BLANK0000071970	264.7
No	WKNO	D29	DT	LIC	MEMPHIS, TN	BLEDT20060627ABE	432.1
No	KITU-TV	D29	DT	LIC	BEAUMONT, TX	BLANK0000063643	407.7
No	WEIQ	D30	DT	LIC	MOBILE, AL	BLANK0000111746	196.9

No	WLFT-CD	D30	DC	LIC	BATON ROUGE, LA	BLDTA20110912ACB	152.7
No	KFOL-CD	D30	DC	LIC	HOUMA, LA	BLDTA20100111AGW	202.2
No	KXKW-LD	D30	LD	CP	LAFAYETTE, LA	BLANK00000053054	227.9
Yes	WLBT	D30	DT	LIC	JACKSON, MS	BLCDT20100119AEE	117.4
No	W06DD	N30z	TX	LIC	NATCHEZ, MS	BLTTL20060103ABY	151.7
No	W36AC	N36z	TX	LIC	MCCOMB, MS	BLTTL19890613II	59.0

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: 31 16 1.20 N (NAD83)
 Longitude: 89 49 57.30 W
 Height AMSL: 123.8 m
 HAAT: 50.3 m
 Peak ERP: 15.0 kW
 Antenna: ERI AL120-29-PL 0.0 deg
 Elev Pattn: Generic
 Elec Tilt: 1.25

50.2 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	15.0 kW	45.2 m	34.4 km
45.0	15.0	21.1	30.1
90.0	15.0	43.1	33.8
135.0	15.0	64.3	38.5
180.0	15.0	84.8	41.6
225.0	15.0	38.1	32.4
270.0	15.0	28.3	30.1
315.0	15.0	77.6	40.6

Distance to Canadian border: 1320.7 km

Distance to Mexican border: 907.7 km

Conditions at FCC monitoring station: Powder Springs GA
Bearing: 57.6 degrees Distance: 558.7 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 309.6 degrees Distance: 1698.5 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 0.01% interference to BLANK0000106235 LIC scenario 1
Proposal causes 0.04% interference to BLCDT20110502AEC LIC scenario 1
Proposal causes 0.24% interference to BLCDT20100119AEE LIC scenario 1

---- Below is IX received by proposal BLANK0000117866 ----

Proposal receives 7.90% interference from scenario 1
No IX check failures found.