

tvstudy v2.2.5 (4uoc83)

Database: localhost, Study: purvis30d15kwinctuaat200f, Model: Longley-Rice

Start: 2021.08.26 12:24:38

Study created: 2021.08.26 12:24:38

Study build station data: LMS TV 2021-08-26

Proposal: W30EZ-D D30 LD LIC PURVIS, MS

Facility ID: 186322

Station data: User record

Record ID: 921

Country: U.S.

Build options:

Protect pre-transition records not on baseline channel

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	DWSTY-LP	N23-	TX	APP	HAMMOND, LA	BLTTTL19990104JE	98.1 km
No	WFBD	D29	DT	LIC	DESTIN, FL	BLANK0000131443	266.7
No	K29LR-D	D29	LD	LIC	BATON ROUGE, LA	BLANK0000103483	177.7
Yes	WVUE-DT	D29	DT	CP	NEW ORLEANS, LA	BLANK0000127677	104.8
Yes	WVUE-DT	D29	DT	LIC	NEW ORLEANS, LA	BLCDT20110502AEC	104.8
No	W29EY-D	D29	LD	LIC	COLUMBIA, MS	BLANK0000125050	58.7
No	WIAT	D30	DT	LIC	BIRMINGHAM, AL	BLCDT20021219AAV	390.5
No	WGIQ	D30	DT	LIC	LOUISVILLE, AL	BLANK0000067031	399.9
No	WEIQ	D30	DT	LIC	MOBILE, AL	BLANK0000111746	155.5
No	W30EL-D	D30	LD	CP	MONTGOMERY, AL	BLANK0000071793	352.6
No	WGBP-TV	D30	DT	LIC	OPELIKA, AL	BLCDT20140827ABB	477.0
No	W45DJ-D	D30	LD	CP	PANAMA CITY, FL	BLANK0000123144	363.3
No	W30CY-D	D30	LD	CP	PONCE DE LEON, FL	BNPDTL20090825AUT	342.0
No	K30QG-D	D30	LD	LIC	ALEXANDRIA, LA	BLANK0000086776	283.5
No	WLFT-CD	D30	DC	LIC	BATON ROUGE, LA	BLDTA20110912ACB	155.6
No	KFOL-CD	D30	DC	LIC	HOUMA, LA	BLDTA20100111AGW	176.3
No	K30QV-D	D30	LD	LIC	IOWA, LA	BLANK0000151220	357.6
No	K30QV-D	D30	LD	APP	IOWA, LA	BLANK0000156047	356.3

No	KXKW-LD	D30	LD	CP	LAFAYETTE, LA	BLANK0000053054	240.6
No	W30ES-D	D30	LD	CP	COLUMBUS, MS	BNPDTL20100507ACM	321.1
No	WLBT	D30	DT	LIC	JACKSON, MS	BLCDT20100119AEE	175.9
No	W48DW-D	D31	LD	LIC	BATON ROUGE, LA	BLANK0000157740	159.6
No	W48DW-D	D31	LD	CP	BATON ROUGE, LA	BLANK0000129698	159.6
No	KNOV-CD	D31	DC	LIC	NEW ORLEANS, LA	BLANK0000087428	110.2
No	W31FB-D	D31	LD	CP	Eastabutchie, MS	BLANK0000157715	125.5
No	W31FB-D	D31	LD	LIC	Eastabutchie, MS	BLANK0000157899	125.5
No	W31FB-D	D31	LD	LIC	Eastabutchie, MS	BLANK0000157518	125.5
No	WGBC	D31	DT	CP	MERIDIAN, MS	BLANK0000035926	184.8
No	WGBC	D31	DT	LIC	MERIDIAN, MS	BLCDT20071024AAK	184.8
No	WGUD-LD	D31	LD	CP	PASCAGOULA, MS	BLANK0000054757	100.4

Non-directional AM stations within 0.8 km:

WRPM 1170 L NDD D POPLARVILLE, MS BL20100726AMY

WRPM 1530 L NDD C POPLARVILLE, MS BL19781120AI

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D30

Mask: Stringent

Latitude: 30 49 3.60 N (NAD83)

Longitude: 89 30 34.00 W

Height AMSL: 113.0 m

HAAT: 0.0 m

Peak ERP: 15.0 kW

Antenna: DIE-TUA (ID 120649) 200.0 deg

Elev Pattn: Generic

50.3 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.037 kW	30.4 m	7.7 km
45.0	0.037	28.3	7.7
90.0	0.078	47.9	11.6
135.0	0.333	37.7	14.6
180.0	10.9	41.8	31.9

225.0	9.01	55.0	34.3
270.0	0.138	53.3	14.1
315.0	0.078	33.2	9.6

Database HAAT does not agree with computed HAAT  
 Database HAAT: 0 m    Computed HAAT: 41 m

Distance to Canadian border: 1352.2 km

Distance to Mexican border: 902.5 km

Conditions at FCC monitoring station: Powder Springs GA  
 Bearing: 51.8 degrees    Distance: 562.5 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:  
 Bearing: 310.4 degrees    Distance: 1754.2 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%

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 Interference to BLANK0000127677 CP scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WVUE-DT	D29	DT	CP	NEW ORLEANS, LA	BLANK0000127677	
Undesireds:	W30EZ-D	D30	LD	LIC	PURVIS, MS		104.8 km
	WYES-TV	D28	DT	CP	NEW ORLEANS, LA	BLANK0000153421	0.0
	WFBD	D29	DT	LIC	DESTIN, FL	BLANK0000131443	330.4
	WLFT-CD	D30	DC	LIC	BATON ROUGE, LA	BLDTA20110912ACB	116.3
	KFOL-CD	D30	DC	LIC	HOUMA, LA	BLDTA20100111AGW	81.6

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
25459.1	1,683,186	25456.1	1,682,991	24793.3	1,595,340	24750.5	1,594,610	0.17 0.05

Undesired		Total IX		Unique IX, before		Unique IX, after
W30EZ-D D30 LD LIC	42.9	730		42.9	730	
WFBD D29 DT LIC	5.0	12		5.0	12	
WLFT-CD D30 DC LIC	68.1	5,655		68.1	5,655	
KFOL-CD D30 DC LIC	589.7	81,984		589.7	81,984	

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Interference to BLCDDT20110502AEC LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WVUE-DT	D29	DT	LIC	NEW ORLEANS, LA	BLCDDT20110502AEC	
Undesireds:	W30EZ-D	D30	LD	LIC	PURVIS, MS		104.8 km
	WYES-TV	D28	DT	CP	NEW ORLEANS, LA	BLANK0000153421	0.0
	WFBD	D29	DT	LIC	DESTIN, FL	BLANK0000131443	330.4
	WLFT-CD	D30	DC	LIC	BATON ROUGE, LA	BLDDTA20110912ACB	116.3
	KFOL-CD	D30	DC	LIC	HOUMA, LA	BLDDTA20100111AGW	81.6

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
24673.2	1,659,211	24671.2	1,659,211	24100.0	1,575,114	24063.1	1,574,509	0.15 0.04

Undesired		Total IX		Unique IX, before		Unique IX, after
W30EZ-D D30 LD LIC	36.9	605		36.9	605	
WFBD D29 DT LIC	2.0	12		2.0	12	
WLFT-CD D30 DC LIC	34.0	1,803		34.0	1,803	
KFOL-CD D30 DC LIC	535.3	82,282		535.3	82,282	

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Interference to proposal scenario 1  
4.10% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W30EZ-D	D30	LD	LIC	PURVIS, MS		

Undesireds:	WVUE-DT	D29	DT	CP	NEW ORLEANS, LA	BLANK0000127677	104.8 km
	WEIQ	D30	DT	LIC	MOBILE, AL	BLANK0000111746	155.5
	WLBT	D30	DT	LIC	JACKSON, MS	BLCDT20100119AEE	175.9

Service area		Terrain-limited		IX-free	Percent IX
1171.5	42,004	1171.5	42,004	1069.5	40,280
				8.71	4.10

Undesired		Total IX		Unique IX	Prcnt Unique IX
WEIQ D30 DT LIC	13.2	140	11.2	140	0.95 0.33
WLBT D30 DT LIC	90.9	1,584	88.9	1,584	7.58 3.77