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Study build station data: LMS TV 2018-03-31 (46)

Proposal: WQMK-LD D29 LD LIC CUSSETA, AL
File number: BLANK0000004333
Facility ID: 60822
Station data: User record
Record ID: 1201
Country: U.S.

Build options:

Protect pre-transition records not on baseline channel
Protect baseline records from LPTV

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	W15AZ	N15-	TX	LIC	ALABASTER, AL	BLTTL19940809IB	149.5 km
No	NEW	D28	LD	APP	DOTHAN, AL	BNPDTL20090825AMV	166.5
No	WTTO	D28	DT	LIC	HOMWOOD, AL	BLCDT20060406AAG	163.3
No	WMCF-TV	D28	DT	CP	MONTGOMERY, AL	BLANK0000042300	92.8
No	WMCF-TV	D28	DT	BL	MONTGOMERY, AL	DTVBL60829	92.8
No	WDWW-LD	D28	LD	LIC	CLEVELAND, GA	BLANK0000013970	147.7
No	W28ER-D	D28	LD	CP	COLUMBUS, GA	BNPDTL20090825BAW	49.6
No	WELF-TV	D28	DT	CP	DALTON, GA	BLANK0000026361	231.4
No	WELF-TV	D28	DT	BL	DALTON, GA	DTVBL60825	231.4
No	NEW	D28	LD	APP	MACON, GA	BNPDTL20090825BST	162.2
No	NEW	D28	LD	APP	MACON, GA	BNPDTL20090825AWJ	161.7
No	NEW	D28	LD	APP	WARNER ROBBINS, GA	BNPDTL20090825AFG	162.0
Yes	WBRC	D29	DT	CP	BIRMINGHAM, AL	BLANK0000034162	162.9
Yes	WBRC	D29	DT	BL	BIRMINGHAM, AL	DTVBL71221	162.9
Yes	WBIH	D29	DT	LIC	SELMA, AL	BLCDT20090619AAY	146.8
No	W29DT-D	D29	LD	LIC	TUSCALOOSA, AL	BLDTL20140304ADJ	266.8
No	W29DT-D	D29	LD	CP	TUSCALOOSA, AL	BPDTL20140808ABJ	266.7
No	NEW	D29	LD	APP	DE FUNIACK SPRINGS, FL	BNPDTL20090825AUE	240.9
No	WFBD	D29	DT	CP	DESTIN, FL	BLANK0000027353	236.3
Yes	WFBD	D29	DT	BL	DESTIN, FL	DTVBL81669	236.3
No	WEDS-LD	D29	LD	LIC	FORT WALTON, FL	BLANK0000013953	324.4
No	WEDS-LD	D29	LD	CP	FORT WALTON, FL	BLANK0000036573	331.4
No	WGFL	D29	DT	CP	HIGH SPRINGS, FL	BLANK0000027932	432.0
No	WGFL	D29	DT	APP	HIGH SPRINGS, FL	BLANK0000034417	432.0
No	WGFL	D29	DT	BL	HIGH SPRINGS, FL	DTVBL7727	432.0
No	W29EK-D	D29	LD	CP	MADISON, FL	BNPDTL20100513ALL	329.7
No	WECP-LD	D29	LD	LIC	PANAMA CITY, FL	BLANK0000001670	266.0

No	NEW	D29	LD	APP	PANAMA CITY, FL	BNPDTL20090825BWY	272.0
No	W29EQ-D	D29	LD	CP	TALLAHASSEE, FL	BNPDTL20090825AVU	259.6
No	W29ED-D	D29	LD	CP	ASHBURN, GA	BNPDTL20100510ABD	189.5
No	W29DN-D	D29	LD	LIC	ATHENS, GA	BLDTL20140221ACE	230.7
No	W29DN-D	D29	LD	CP	ATHENS, GA	BPDTL20140228AEM	236.7
No	WYGA-CD	D29	DC	CP	ATLANTA, GA	BLANK0000030674	141.0
Yes	WANN-CD	D29	DC	LIC	ATLANTA, GA	BLDTA20120402AMZ	147.7
No	WYGA-CD	D29	DC	BL	ATLANTA, GA	DTVBL168094	141.0
No	WDZC-LD	D29	LD	CP	AUGUSTA, GA	BMPDTL20140528ACZ	298.1
No	NEW	D29	LD	APP	MACON, GA	BNPDTT20090825BMS	146.8
No	W29EN-D	D29	LD	CP	SOPERTON, GA	BNPDTL20100510AHF	269.4
No	W08AO-D	D29	LD	APP	CANTON, NC	BDISDTT20090928ACC	382.9
No	W29DE-D	D29	LD	LIC	HAYESVILLE, NC	BLDTT20090210AAS	283.4
No	WMJN-LD	D29	LD	LIC	HUNTSVILLE, RI	BLDTL20150126ABT	243.6
No	WSQY-LP	D29	LD	CP	SPARTANBURG, SC	BDISDTL20110824BCU	361.1
Yes	WTCI	D29	DT	LIC	CHATTANOOGA, TN	BLANK0000001535	273.8
No	WKOP-TV	D29	DT	CP	KNOXVILLE, TN	BLANK0000024513	381.6
No	WKOP-TV	D29	DT	BL	KNOXVILLE, TN	DTVBL18267	381.6
No	W29DM-D	D29	LD	LIC	LEWISBURG, TN	BLDTL20120628ABM	330.7
No	WIIW-LD	D29	LD	CP	NASHVILLE, TN	BDISDTL20110831ABK	415.2
No	WIAT	D30	DT	LIC	BIRMINGHAM, AL	BLCDT20021219AAV	163.3
No	W30BD	N30z	TX	LIC	EUFAULA, AL	BLTTL19960628JF	93.7
No	WGIQ	D30	DT	CP	LOUISVILLE, AL	BLANK0000027851	114.8
No	WGIQ	D30	DT	BL	LOUISVILLE, AL	DTVBL710	114.8
Yes	WLGA	D30	DT	LIC	OPELIKA, AL	BLCDT20140827ABB	66.4
No	WTBS-LD	D30	LD	LIC	ATLANTA, GA	BLDTL20110105ABR	147.7
No	WMGT-TV	D30	DT	CP	MACON, GA	BLANK0000026604	161.7
No	WMGT-TV	D30	DT	BL	MACON, GA	DTVBL43847	161.7

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: 32 44 39.00 N (NAD83)
 Longitude: 85 17 32.00 W
 Height AMSL: 295.0 m
 HAAT: 0.0 m
 Peak ERP: 15.0 kW
 Antenna: AND-AL8 45.0 deg
 Elev Pattn: Generic
 Elec Tilt: 1.75

50.2 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	4.70 kW	83.8 m	35.8 km
45.0	15.0	98.4	43.4
90.0	4.70	102.6	38.1
135.0	0.096	98.2	17.4
180.0	4.70	77.8	35.0
225.0	15.0	64.6	38.6
270.0	4.70	65.7	33.1
315.0	0.096	74.6	15.3

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 83 m

Distance to Canadian border: 1019.3 km

Distance to Mexican border: 1353.5 km

Conditions at FCC monitoring station: Powder Springs GA

Bearing: 22.9 degrees Distance: 135.0 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 300.4 degrees Distance: 1956.1 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%

No IX check failures found.