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Study build station data: LMS TV 2018-05-23 (68)

Proposal: WDLE-LP D12 LD LIC PIGEON FORGE, TN
File number: BLTTTL20080211ABC
Facility ID: 125825
Station data: User record
Record ID: 1658
Country: U.S.

Build options:
Protect baseline records from LPTV

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	W08BH	N8	TX	LIC	ANDREWS, ETC., NC	BLTT3301	62.7 km
No	W08AN	N8	TX	LIC	BRYSON CITY, ETC., NC	BLTTTV19800725IC	46.8
No	W08AX	N8	TX	LIC	MARSHALL, NC	BLTTTV1737	87.5
No	W10AL-D	N10	TX	CP	CHEROKEE, ETC., NC	BPTTV20120306AAG	46.3
No	W11AX	N11	TX	LIC	BAT CAVE, ETC., NC	BLTTTV19800501IB	134.5
No	W11AN-D	D11	LD	LIC	BRYSON CITY, NC	BLDTV20120625AAP	53.1
No	W11AU-D	D11	LD	LIC	CANTON, ETC., NC	BLDTV20110502ABS	74.2
No	W11AJ	D11	LD	CP	FRANKLIN, NC	BDFCDTV20120504AAA	71.8
No	W11AJ	N11	TX	LIC	FRANKLIN, NC	BLTTTV19811211IC	71.8
No	W11AQ	N11	TX	LIC	ROBBINSVILLE, ETC., NC	BLTTTV19821008IB	62.7
No	W11AH-D	D11	LD	LIC	TRYON & COLUMBUS, NC	BLDTV20101208AAQ	142.4
No	WSPA-TV	D11	DT	CP	SPARTANBURG, SC	BLANK0000034743	143.6
No	WSPA-TV	D11	DT	BL	SPARTANBURG, SC	DTVBL66391	143.6
No	WOPI-CD	D11	DC	CP	BRISTOL,VA/KINGSPORT, TN	BLANK0000026128	153.7
No	WOPI-CD	D11	DC	BL	BRISTOL,VA/KINGSPORT, TN	DTVBL27490	153.7
No	W21BZ	D11-	LD	APP	COLLEGEDALE, TN	BLANK0000051723	154.4
Yes	WJDP-LD	D11	LD	CP	PIGEON FORGE, TN	BPDVL20130826AHY	0.0
No	WCIQ	D12	DT	CP	MOUNT CHEAHA, AL	BLANK0000027846	324.3
No	WCIQ	D12	DT	BL	MOUNT CHEAHA, AL	DTVBL711	324.3
No	WDNV-LD	D12	LD	LIC	Atlanta, GA	BLANK0000004309	238.3
No	WRDW-TV	D12	DT	LIC	AUGUSTA, GA	BLCDT20090227ABQ	314.8
No	W12DK-D	D12	LD	LIC	YOUNG HARRIS, GA	BLDTV20091208ACF	105.0
No	WEHT	D12	DT	CP	EVANSVILLE, IN	BLANK0000028458	415.2
No	WEHT	D12	DT	BL	EVANSVILLE, IN	DTVBL24215	415.2
Yes	WYMT-TV	D12	DT	LIC	HAZARD, KY	BLCDT20040109ACY	159.6
No	W12BJ	N12+	TX	LIC	OWENSBORO, KY	BLTVL19960117JQ	370.5
No	W12AQ	D12	LD	CP	BLACK MOUNTAIN, NC	BDFCDTV20120622AAG	121.8
No	W12AQ	N12	TX	LIC	BLACK MOUNTAIN, NC	BLTTTV1804	121.5
No	W12AU	N12	TX	LIC	BURNSVILLE, NC	BLTTTV1997	124.3

No	WSOC-TV	D12	LD	APP	CHARLOTTE, NC	BLANK0000054243	225.8
No	WSOC-TV	D12	LD	APP	CHARLOTTE, NC	BLANK0000054244	267.1
No	W12CI	N12	TX	LIC	HOT SPRINGS, NC	BLTTV19901224JI	78.7
Yes	W12CI	D12	LD	CP	HOT SPRINGS, NC	BDFCDTV20120622AAC	78.7
No	W12AR	N12	TX	LIC	WAYNESVILLE, ETC., NC	BLTTV4877	67.6
No	W12AR	D12	LD	CP	WAYNESVILLE, ETC., NC	BDFCDTV20120706ABR	67.6
No	WKRC-TV	D12	DT	LIC	CINCINNATI, OH	BLCDT20090622AFI	374.6
Yes	WLOS	D13	DT	LIC	ASHEVILLE, NC	BLCDT20101014ABR	92.9
No	WRCB	D13	DT	APP	CHATTANOOGA, TN	BLANK0000035995	165.6
No	WRCB	D13	DT	LIC	CHATTANOOGA, TN	BLCDT20110729ACZ	165.6

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D12
 Mask: Full Service
 Latitude: 35 48 43.00 N (NAD83)
 Longitude: 83 40 5.00 W
 Height AMSL: 1004.0 m
 HAAT: 0.0 m
 Peak ERP: 3.00 kW
 Antenna: Sam-180 90.0 deg
 Elev Pattn: Generic

48.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.059 kW	703.4 m	51.5 km
45.0	0.043	703.8	49.3
90.0	0.347	656.9	63.0
135.0	0.043	527.5	42.5
180.0	0.000	488.2	11.0
225.0	0.001	491.0	17.3
270.0	1.31	681.4	74.9
315.0	2.59	679.6	80.7

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 616 m

Distance to Canadian border: 657.4 km

Distance to Mexican border: 1668.5 km

Conditions at FCC monitoring station: Powder Springs GA

Bearing: 204.3 degrees Distance: 237.1 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 290.7 degrees Distance: 1943.4 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%

No IX check failures found.