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Study build station data: LMS TV 2020-02-11

Proposal: WKDC-LD D50 LD LIC COLUMBIA, SC
File number: BLDTL20120416ABC
Facility ID: 47719
Station data: User record
Record ID: 2991
Country: U.S.

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	W49EE-D	D49	LD	CP	BEAUFORT, SC	BDCCDTL20120404ABU	179.0 km
No	W49EB-D	D49	LD	CP	FLORENCE, SC	BNPDTL20100819ABD	94.4
No	W50EP-D	D50	LD	CP	AUGUSTA, GA	BNPDTL20100421ABR	155.6
No	W50ET-D	D50	LD	CP	BYROMVILLE, GA	BNPDTL20100510AFU	359.2
No	WPGA-LP	N50-	TX	LIC	MACON, GA	BLTT20040616AAN	300.3
No	WPGA-LP	D50	LD	CP	MACON, GA	BDFCDTL20091230ACL	300.3
No	WASV-LP	D50	LD	LIC	ASHEVILLE, NC	BLDTL20130325AKQ	239.1
No	W50EQ-D	D50	LD	LIC	LUMBERTON, NC	BLANK0000013321	190.4
No	WNGS-LP	N50+	TX	LIC	ANDERSON, SC	BLTT20010523AAC	166.8
No	WNGS-LP	D50	LD	APP	ANDERSON, SC	BDFCDTL20111227AAI	180.9
No	WSQY-LP	N51+	TX	LIC	SPARTANBURG, SC	BLTTL20051114AAE	176.6

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D50
Mask: Stringent
Latitude: 34 6 58.40 N (NAD83)
Longitude: 80 45 49.90 W
Height AMSL: 209.0 m
HAAT: 0.0 m
Peak ERP: 15.0 kW
Antenna: SWR-SWLP8WC (ID 68000) 195.0 deg
Elev Pattn: Generic
Elec Tilt: 1.00

52.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	1.09 kW	119.6 m	30.1 km
45.0	2.40	147.3	36.0
90.0	9.60	161.0	44.0
135.0	14.4	133.3	44.2
180.0	13.8	123.4	43.3
225.0	12.7	94.8	40.2
270.0	14.7	103.8	41.9
315.0	6.53	116.9	39.1

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 125 m

Distance to Canadian border: 852.4 km

Distance to Mexican border: 1795.6 km

Conditions at FCC monitoring station: Powder Springs GA

Bearing: 266.7 degrees Distance: 366.0 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 294.3 degrees Distance: 2260.0 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.