

Study created: 2022.10.27 11:00:07

Study build station data: LMS TV 2022-09-21

Proposal: W20ES-D D20 LD CP REDDICK, FL
File number: BNPDTL20090825AKM
Facility ID: 182089
Station data: User record
Record ID: 2268
Country: U.S.

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WESH	D19	LD	LIC	DAYTONA BEACH, FL	BLANK0000074849	3.2 km
No	NEW	D19	LD	CP	GAINESVILLE, FL	BNPDTL20090825ANR	46.1
No	WJAX-TV	D19	DT	LIC	JACKSONVILLE, FL	BLCDT20030328ANV	127.5
No	WFTV	D19	LD	LIC	ORLANDO, FL	BLANK0000108207	111.0
No	WTOG	D19	DT	LIC	ST. PETERSBURG, FL	BLANK0000151372	155.2
No	WTLH	D19	DT	LIC	BAINBRIDGE, GA	BLANK0000119592	239.8
No	WJJN-LD	D20	LD	LIC	DOTHAN, AL	BLANK0000122171	385.2
No	WTVX	D20	DT	LIC	FORT PIERCE, FL	BLANK0000080021	290.0
Yes	WCWJ	D20	DT	LIC	JACKSONVILLE, FL	BLANK0000097952	127.5
No	W20ET-D	D20	LD	CP	MADISON, FL	BNPDTL20090825AHV	190.9
No	WLMF-LD	D20	LD	LIC	MIAMI, FL	BLANK0000144080	409.9
No	WFUN-LD	D20	LD	LIC	MIAMI, FL	BLANK0000144274	409.9
No	WZXZ-CD	D20	DC	LIC	ORLANDO, ETC., FL	BLANK0000108580	124.3
No	W20DX-D	D20	LD	LIC	PANAMA CITY, FL	BLANK0000179074	347.4
Yes	WVEA-TV	D20	DT	LIC	TAMPA, FL	BLANK0000099184	155.2
No	WHDS-LD	D20	LD	LIC	SAVANNAH, GA	BLANK0000101192	326.3
No	WCTV	D20	DT	LIC	THOMASVILLE, GA	BLANK0000121784	236.7
No	DW20CY	D20	LD	APP	TIFTON, GA	BDFCDTL20091118AGP	278.8
No	WCBD-TV	D20	DT	LIC	CHARLESTON, SC	BLANK0000184909	471.8
No	WCLF	D21	DT	CP	CLEARWATER, FL	BLANK0000169571	158.2
No	WCLF	D21	DT	LIC	CLEARWATER, FL	BLCDT20060627AAQ	158.2
No	WDYB-CD	D21	DC	LIC	DAYTONA BEACH, FL	BLANK0000106571	85.6
No	WJEB-TV	D21	DT	LIC	JACKSONVILLE, FL	BLANK0000105949	127.3
No	WKME-CD	D21	DC	LIC	KISSIMMEE, FL	BLANK0000090448	114.2
Yes	WKMG-LD	D21	LD	LIC	OCALA, FL	BLANK0000087100	5.2
No	W21AU-D	D21	LD	LIC	ORLANDO, FL	BLANK0000025170	124.3
No	W21EL-D	D21	LD	LIC	VALDOSTA, GA	BLANK0000177717	188.8
No	W OCD-LD	N27-	TX	LIC	DUNNELLON, FL	BLTTL20090331AEX	52.2
No	WWRJ-LD	N27-	TX	LIC	JACKSONVILLE, FL	BLTTL20140115AAF	127.7

Non-directional AM stations within 0.8 km:

WMOP 900 L ND1 D OCALA, FL BL19981113AB

WMOP 900 L ND1 N OCALA, FL BL19981113AB

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D20

Mask: Full Service

Latitude: 29 14 17.00 N (NAD83)

Longitude: 82 7 16.00 W

Height AMSL: 100.0 m

HAAT: 0.0 m

Peak ERP: 15.0 kW

Antenna: AND-ALP8WR 205.0 deg

Elev Pattn: Generic

49.4 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.002 kW	75.0 m	5.8 km
45.0	0.002	77.6	5.9
90.0	2.97	82.8	34.4
135.0	15.0	78.3	41.7
180.0	13.1	70.9	39.9
225.0	13.5	77.6	41.1
270.0	14.9	69.4	40.3
315.0	5.22	64.5	34.5

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 75 m

Distance to Canadian border: 1382.8 km

Distance to Mexican border: 1501.3 km

Conditions at FCC monitoring station: Vero Beach FL

Bearing: 140.9 degrees Distance: 232.4 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 306.1 degrees Distance: 2422.8 km

No land mobile station failures found

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%

---- Below is IX received by proposal BNPDTL20090825AKM ----

Proposal receives 4.81% interference from scenario 1

No IX check failures found.