

**THREE ANGELS BROADCASTING
NETWORK, INC.**

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Study created: 2018.03.29 12:49:34

Study build station data: LMS TV 2018-03-28 (14)

Proposal: W44CK-D D10 LD LIC SAN JUAN, PR
File number: BLDLTL20120320ABR
Facility ID: 67005
Station data: User record
Record ID: 106
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	W08AB	N8	TX	LIC	GUAYAMA, PR	BLTTV19891030JK	29.4 km
No	W09AT	N9	TX	LIC	FAJARDO, PR	BLTTV4217	54.3
Yes	WSUR-DT	D9	DT	LIC	PONCE, PR	BLCDT20090616ACM	45.4
Yes	WSUR-DT	D9	DT	APP	PONCE, PR	BMPCDT20091113ADM	45.4
No	W10BG-D	D10	DC	LIC	MAYAGUEZ, PR	BLANK0000001598	105.9
No	WLII-DT	D11	DT	LIC	CAGUAS, PR	BLANK0000001042	5.9

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D10
Mask: Full Service
Latitude: 18 17 30.80 N (NAD83)
Longitude: 66 9 59.60 W
Height AMSL: 523.5 m (Adjusted based on actual ground elevation calculation)
HAAT: 0.0 m
Peak ERP: 3.00 kW
Antenna: 75010242 20.0 deg
Elev Pattnr:
Tilts: elec 2.00, mech 3.00 @ 0.0 deg

48.0 dBu contour:

Azimuth	ERP	HAAT	Distance
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0.0 deg	1.73 kW	475.2 m	68.3 km
45.0	1.73	452.7	66.8
90.0	0.047	367.1	35.3
135.0	0.006	235.1	18.8
180.0	0.002	68.7	7.3
225.0	0.000	121.8	8.4
270.0	0.005	206.1	17.0
315.0	0.125	430.6	46.2

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 295 m

Distance to Canadian border: 2944.6 km

Distance to Mexican border: 3271.1 km

Conditions at FCC monitoring station: Santa Isabel PR

Bearing: 214.7 degrees Distance: 38.7 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 311.4 degrees Distance: 4446.1 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%

----- Below is IX received by proposal BLDTL20120320ABR -----

Proposal receives 4.04% interference from scenario 1

**MX with BMPCDT20091113ADM APP scenario 2, 4.04% interference received