

Percent allowed new interference: 0.500  
Percent allowed new interference to non Class A LPTV: 2.000  
TW Census data selected 2000  
Data Base Selected  
/export/home/cdb/pt\_tvdb.sff  
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 12-22-2013 Time: 13:24:02

Record Selected for Analysis

W44CV USERRECORD-01 XXXX XX US  
Channel 44 ERP 15. kW HAAT 279. m RCAMSL 00659 m FULL SERVICE MASK  
Latitude 018-17-29 Longitude 0066-39-39  
Status APP Zone 2 Border Site number: 01  
Dir Antenna Make CDB Model 00000000017796 Beam tilt N Ref Azimuth 0.  
Last update Cutoff date Docket  
Comments  
Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 0.50 km

Not full service station  
Service Class = LD  
Maximum height/power limits not checked

Site number	1		
Azimuth	ERP	HAAT	51.0 dBu F(50,90)
(Deg)	(kW)	(m)	(km)
0.0	15.000	473.2	63.559
45.0	4.214	428.3	54.257
90.0	0.013	300.5	18.179
135.0	0.013	33.0	6.034
180.0	0.013	107.2	10.660
225.0	0.013	216.0	14.843
270.0	0.013	293.3	17.926
315.0	4.214	382.0	52.620

Contour Overlap to Proposed Station

Contour Overlap Evaluation to Proposed Station Complete

Checks to Site Number 01

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

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Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
44	W44CV	XXXX XX	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
42	WIVE-LP	CEIBA PR	104.7	LIC	BLTTL	-20030128ABW
43	WIPR-TV	SAN JUAN PR	102.9	CP	BPEDT	-20120516ACD +
43	WIPR-TV	SAN JUAN PR	67.4	LIC	BLEDT	-20090618ACM
43	WZVI	CHARLOTTE AMALIE VI	182.8	LIC	BLCDT	-20040517AFB
43	W43DA-D	FREDERIKSTED VI	205.6	CP	BNPDTL	-20090921ADE
44	W44DH-D	CAGUAS PR	67.3	CP	BNPDTL	-20100112ADV
44	W24EI-D	CAYEY PR	55.3	CP	BNPDTL	-20101020AAV
44	W44CS-D	GUAYAMA PR	64.0	LIC	BLDTL	-20100216AAB
44	NEW	MAYAGUEZ PR	55.9	APP	BNPDTL	-20101021ADF
44	W44DA-D	PONCE PR	31.7	CP	BNPDTL	-20090828ADY
44	W44CK-D	SAN JUAN PR	52.1	LIC	BLDTL	-20120320ABR
44	WTJX-TV	CHARLOTTE AMALIE VI	180.9	LIC	BLEDT	-20111006ACU
45	WIDP	GUAYAMA PR	85.3	LIC	BLCDT	-20071113ACX
45	W45DI-D	JUANA DIAZ PR	19.0	CP MOD	BMPDTL	-20120402AFD
45	WTPM-LD	MAYAGUEZ-ANASCO PR	55.4	CP	BPDTL	-20120821ABF
45	WTPM-LD	MAYAGUEZ-ANASCO PR	55.4	LIC	BLDTL	-20090819AEX
45	W45DQ-D	CHRISTIANSTED VI	205.6	CP	BNPDTL	-20090921ADD

+ Indicates station is part of a DTS

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Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
42	WIVE-LP	CEIBA PR	BLTTL	-20030128ABW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
34	WELU	AGUADILLA PR	140.2	LIC	BLEDT	-20080514AFW
35	WIPM-TV	MAYAGUEZ PR	139.5	LIC	BLEDT	-20060627ACQ
39	WJWN-TV	SAN SEBASTIAN PR	139.5	LIC	BLCDT	-20081014AAQ
41	WIRS	YAUCO PR	96.7	LIC	BLCDT	-20121113AHF
42	W42DZ-D	ADJUNTAS PR	96.6	CP	BNPDTL	-20090825BKN
42	W42DY-D	GUAYNABO PR	48.5	CP MOD	BMPDTL	-20120402ABY
42	DWEON-LP	FREDERIKSTED VI	105.5	CP	BDISDTL	-20100916ABQ