

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/cdbs/pt_tvdb.sff
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 10-01-2010 Time: 14:00:05

Record Selected for Analysis

RAYM_HUM USERRECORD-01 XXXX XX US
Channel 20 ERP 1. kW HAAT 236. m RCAMSL 00423 m STRINGENT MASK
Latitude 018-11-35 Longitude 0065-50-19
Status APP Zone 2 Border Site number: 01
Dir Antenna Make CDB Model 00000000017709 Beam tilt N Ref Azimuth 160.
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	0.001	33.0	3.1
45.0	0.198	33.0	11.6
90.0	1.000	385.0	44.5
135.0	0.874	398.1	44.1
180.0	0.902	360.1	42.9
225.0	0.990	165.4	33.7
270.0	0.348	289.2	34.5
315.0	0.001	229.1	7.9

Database HAAT does not agree with computed HAAT
Database HAAT: 236 Computed HAAT: 237

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

Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
20	RAYM_HUM	XXXX XX	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
19	W19DK-D	CATANO PR	35.9	CP	BNPDTL	-20090825ARJ
19	NEW	LUQUILLO PR	18.8	APP	BNPDTL	-20090825AWI
19	WKPV	PONCE PR	96.9	LIC	BLCDT	-20081002AAX
19	WVGN-LP	CHARLOTTE AMALIE VI	93.5	APP	BDISDTL	-20100928AEN
20	WPRU-LP	AQUADILLA PR	350.4	LIC	BLTTL	-20050411AAZ
20	WPRU-LP	AQUADILLA PR	140.6	APP	BPTTL	-20100907ABD
20	WPRU-LP	AQUADILLA PR	350.4	CP	BNPTTL	-20000830AJA
20	WIMN-CA	ARECIBO PR	89.1	LIC	BLTTL	-20010102AAX
20	WIMN-CA	ARECIBO PR	89.1	CP	BDFCDTA	-20080512AAM
20	NEW	LUQUILLO PR	22.2	APP	BNPDTL	-20100601AAS
20	WSJN-CD	SAN JUAN PR	36.4	LIC	BLDTA	-20090911AAI
20	WSVI	CHRISTIANSTED VI	120.2	LIC	BLCDT	-20090603AFN
21	W34CI	MAYAGUEZ PR	143.5	CP	BDISDTT	-20090605AAV
21	W31DK-D	MAYAGUEZ PR	134.4	CP	BNPTTL	-20000807ADI
21	NEW	NAGUABO PR	20.0	APP	BNPDTL	-20090921ADJ
21	WJPX	SAN JUAN PR	9.7	LIC	BLCDT	-20060621ACJ
22	WXWZ-LP	GUAYAMA PR	34.6	LIC	BLTTL	-19931101IG
22	WMNS-LP	CHARLOTTE AMALIE VI	95.8	LIC	BLTTL	-20041015ABV
24	WSJX-LP	AQUADILLA PR	140.6	LIC	BLTTL	-20050407AAH

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Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
19	W19DK-D	CATANO PR	BNPDTL	-20090825ARJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
18	NEW	CEIBA PR	47.9	APP	BNPDTL	-20090921ADI
18	WECN	NARANJITO PR	18.5	LIC	BLCDT	-20090610ABG
18	W18DQ-D	SANTA ISABEL PR	67.6	CP	BNPDTL	-20090825BLH