

W36EE_as_corrected_by_Scala_summary.txt
Summary Study

Percent allowed new interference: 0.500
Percent allowed new interference to non Class A LPTV: 2.000
Census data selected 2000
Data Base Selected
./data_files/pt_tvdb.sff
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 11-18-2011 Time: 08:19:43

Record Selected for Analysis

W36EE- USERRECORD-01 UNKNOWN ZZ US
Channel 36 ERP 15. kW HAAT 623. m RCAMSL 00930 m SIMPLE MASK
Latitude 018-09-00 Longitude 0066-59-00
Status APP Zone 1 Border Site number: 01
Dir Antenna Make usr Model USRPAT01 Beam tilt N Ref Azimuth 276.
Last update Cutoff date Docket
Comments
Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 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	0.042	611.2	30.9
45.0	0.048	494.0	29.3
90.0	0.089	157.2	21.0
135.0	0.030	656.1	29.6
180.0	0.010	822.9	25.7
225.0	1.971	819.0	58.5
270.0	12.409	780.2	70.2
315.0	4.001	642.8	59.8

Contour Overlap to Proposed Station

Contour Overlap Evaluation to Proposed Station Complete

NO LANDMOBILE SPACING VIOLATIONS FOUND

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

Proposed Station

Channel	Call	City/State	ARN
36	W36EE-	UNKNOWN ZZ	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
21	W31DK-D	MAYAGUEZ PR	14.1	CP	BNPTTL	-20000807ADI
22	WXWZ-LP	GUAYAMA PR	92.2	LIC	BLTTL	-19931101IG
32	W32AJ	UTUADO PR	31.0	LIC	BLTT	-19890703IC
33	WQQZ-CA	PONCE PR	25.8	CP	BPTTA	-20110609ABM
33	WQQZ-CA	PONCE PR	26.2	LIC	BLTTL	-19981208JA
34	W51EH-D	PONCE PR	43.3	CP	BNPTTL	-20000807ADG
35	NEW	GUAYNABO PR	93.4	APP	BNPDTL	-20090917ACI
35	WIPM-TV	MAYAGUEZ PR	0.0	CP	BPEDT	-20080619AEV
35	WIPM-TV	MAYAGUEZ PR	0.0	LIC	BLEDT	-20060627ACQ
36	WIMN-CA	ARECIBO PR	49.7	CP	BDI SDTA	-20091203AID
36	NEW	CIDRA PR	79.5	APP	BNPDTL	-20090825BOZ
36	W36DU-D	MAYAGUEZ PR	0.2	CP	BNPDTL	-20090825BSR
36	W31DL-D	PONCE PR	42.1	APP	BDFCDTL	-20081208ADY
36	NEW	SAN JUAN PR	120.2	APP	BNPDTL	-20090825BRA
36	NEW	SAN JUAN PR	87.8	APP	BNPDTL	-20090825AGA
36	NEW	YABUCOA PR	98.5	APP	BNPDTL	-20090825BGP
36	NEW	YAUCO PR	19.2	APP	BNPDTL	-20101013ACQ
36	W29CB	ST. THOMAS VI	214.1	CP	BDI SDTL	-20091027ABC
36	W33DD-D	TUTU, ST THOMAS VI	216.1	CP	BNPDTL	-20090825BHG
38	WWXY-LP	SAN JUAN PR	93.4	LIC	BLTTL	-20080716AAS
44	W44CK	BAYAMON, SAN JUAN PR	86.8	LIC	BLTTL	-20050713ADH

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Study of this proposal found the following interference problem(s):

NONE.