

Census data selected: 2000

Post DTV Transition Database Selected

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 08-27-2009 Time: 02:51:21

Record Selected for Analysis

NEW USERRECORD-01 CC PONCE PR US
Channel 46 ERP 15. kW HAAT 48. m RCAMSL 00059 m FULL SERVICE MASK
Latitude 018-00-34 Longitude 0066-36-49
Status APP Zone 2 Border
Dir Antenna Make CDB Model 00000000017708 Beam tilt N Ref Azimuth 180.
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

Facility meets maximum power limit

Azimuth (Deg)	ERP (kW)	HAAT (m)	51.0 dBu F(50,90) (km)
0.0	0.794	33.0	16.3
45.0	2.522	33.0	21.7
90.0	13.537	59.5	36.4
135.0	13.113	68.5	37.6
180.0	15.000	68.8	38.3
225.0	13.113	68.8	37.7
270.0	13.537	33.0	29.6
315.0	2.522	33.0	21.7

Contour Overlap to Proposed Station

Station
W34CI 46 MAYAGUEZ PR BDISTT20070828AAO causes

Contour overlap to Digital LPTV station

NEW 46 CC PONCE PR USERRECORD01

Contour Overlap Evaluation to Proposed Station Complete

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
46	NEW	CC PONCE PR	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
32	W32AJ	UTUADO PR	32.8	LIC	BLTT	-19890703IC
38	NEW	CAGUAS PR	62.4	APP	BNPTTL	-20000804ACN
38	NEW	SAN JUAN PR	56.9	APP	BNPTTL	-20000830AXC
38	WWXY-LP	SAN JUAN PR	61.1	LIC	BLTTL	-20080716AAS
42	WIVE-LP	CEIBA PR	104.2	LIC	BLTTL	-20030128ABW
44	W44CK	BAYAMON, SAN JUAN PR	56.0	LIC	BLTTL	-20050713ADH
45	WIDP	GUAYAMA PR	85.8	LIC	BLCDDT	-20071113ACX
45	NEW	JUANA DIAZ PR	17.3	APP	BNPDTL	-20090825BBA
45	WTPM-LD	MAYAGUEZ-ANASCO PR	69.1	LIC	BLDTL	-20090819AEX
45	W36DP	YCAMUY PR	57.6	CP	BNPTTL	-20000830AJD
46	WCCV-TV	ARECIBO PR	29.5	CP	BPCDDT	-20080317AEO
46	NEW	CULEBRA PR	143.0	APP	BNPDTL	-20090825BAL
46	W34CI	MAYAGUEZ PR	69.8	CP	BDISTT	-20070828AAO
47	NEW	CANOVANAS PR	92.7	APP	BNPDTL	-20090825ARU
47	NEW	CIALES PR	28.9	APP	BNPDTL	-20090825BIB
47	NEW	GURABO PR	77.0	APP	BNPDTL	-20090825BPE
47	WVOZ-TV	PONCE PR	16.2	CP MOD	BMPCDDT	-20060707ADD
47	NEW	CHARLOTTE AMALIE VI	180.1	APP	BNPDTL	-20090825BPC
48	WQSJ-LP	QUEBRADILLAS, ETC. PR	62.0	LIC	BLTTL	-20021106AAN
50	WVQS-LP	ISABEL SEGUNDA PR	124.6	APP	BSTA	-20070718AEX
50	WVQS-LP	ISABEL SEGUNDA PR	124.6	LIC	BLTTL	-20080128ABD
54	W54AQ	YAUCO, ETC. PR	42.0	LIC	BLTTL	-19890417IQ

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
32	W32AJ	UTUADO PR	BLTT	-19890703IC