

Census data selected: 2000

Post DTV Transition Database Selected

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 08-20-2009 Time: 23:35:47

Record Selected for Analysis

NEW USERRECORD-01 GUYAMA CC PR US
 Channel 32 ERP 15. kW HAAT 170. m RCAMSL 00287 m STRINGENT MASK
 Latitude 017-59-35 Longitude 0066-06-25
 Status APP Zone 2 Border
 Dir Antenna Make CDB Model 00000000017709 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	0.013	33.0	6.0
45.0	0.013	33.0	6.0
90.0	12.150	217.1	49.7
135.0	12.974	286.6	53.9
180.0	15.000	286.0	54.6
225.0	12.974	280.9	53.6
270.0	12.150	200.1	48.7
315.0	0.013	33.0	6.0

Contour Overlap to Proposed Station

Station
 W32AJ 32 UTUADO PR BLTT19890703IC causes

Contour overlap to Digital LPTV station
 NEW 32 GUYAMA CC 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
32	NEW	GUYAMA CC PR	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
24	WSJX-LP	AQUADILLA PR	119.5	LIC	BLTTL	-20050407AAH
29	W29CB	ST. THOMAS VI	127.0	LIC	BLTTL	-19971105II
30	WSJP-LP	AQUADILLA PR	119.5	LIC	BLTTL	-20050411AAY
31	W31DK-D	MAYAGUEZ PR	109.2	CP	BDISDTL	-20081208ABP
31	W36DB	PONCE PR	53.6	CP	BDISDTL	-20090203ABH
31	WSJU-TV	SAN JUAN PR	31.4	CP MOD	BMPCDT	-20060628ACE
31	WSJU-TV	SAN JUAN PR	31.4	APP	BLCDDT	-20090217AEH
32	WTCV	SAN JUAN PR	48.3	CP	BPCDDT	-20070125AAX
32	WTCV	SAN JUAN PR	31.4	LIC	BLCDDT	-20040722ADD
32	W32AJ	UTUADO PR	73.0	LIC	BLTT	-19890703IC
33	WRUA	FAJARDO PR	48.3	CP MOD	BMPCDT	-20080902ABJ
33	WQQZ-CA	PONCE PR	68.3	LIC	BLTTL	-19981208JA
34	W34CI	MAYAGUEZ, ETC. PR	120.0	LIC	BLTT	-19971031JA
34	W51EH-D	PONCE PR	53.6	CP	BNPTTL	-20000807ADG
34	WJWM-LP	CHRISTIANSTED VI	140.7	LIC	BLTTL	-20080314AEL
36	W36DB	PONCE PR	53.6	LIC	BLTTL	-20060406AAZ
36	W36DP	YCAMUY PR	119.0	CP	BDISTTL	-20070629AJN
39	NEW	CHRISTIANSTEAD VI	140.9	APP	BNPTTL	-20000821AAG

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	WSJX-LP	AQUADILLA PR	BLTTL	-20050407AAH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	WMTJ	FAJARDO PR	143.5	CP MOD	BMPEDT	-20070629AEN