

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 |