

Census data selected: 2000

Post DTV Transition Database Selected

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 09-19-2009 Time: 17:25:14

Record Selected for Analysis

NEW USERRECORD-01 ST CROIX - NEW APP PR US
Channel 45 ERP 15. kW HAAT 293. m RCAMSL 00315 m STRINGENT MASK
Latitude 017-45-21 Longitude 0064-47-56
Status APP Zone 2 Border
Dir Antenna Make CDB Model 00000000017720 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 | 0.661 | 315.0 | 39.1 |
| 45.0 | 0.828 | 307.4 | 40.0 |
| 90.0 | 11.881 | 280.7 | 53.1 |
| 135.0 | 6.337 | 307.9 | 51.2 |
| 180.0 | 1.944 | 311.0 | 44.9 |
| 225.0 | 6.337 | 278.4 | 49.6 |
| 270.0 | 11.881 | 229.7 | 50.3 |
| 315.0 | 0.828 | 315.0 | 40.4 |

Contour Overlap to Proposed Station

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 |
|---------|--------------------------|-----------------------|--------------|
| 45 | NEW | ST CROIX - NEW APP PR | USERRECORD01 |

Stations Potentially Affected by Proposed Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|----------------------|----------|--------|-------------|--------------|
| 38 | WBIV-LP | CHARLOTTE AMALIE VI | 69.5 | LIC | BLTTL | -19990709JF |
| 42 | WIVE-LP | CEIBA PR | 109.0 | LIC | BLTTL | -20030128ABW |
| 44 | W44CK | BAYAMON, SAN JUAN PR | 157.2 | LIC | BLTTL | -20050713ADH |
| 44 | W44CS-D | GUAYAMA PR | 143.0 | CP | BDCCDTL | -20061030ADB |
| 44 | NEW | PONCE PR | 194.0 | APP | BNPDTL | -20090828ADY |
| 44 | NEW | UTUADO PR | 205.6 | APP | BNPDTL | -20090825BIG |
| 44 | WTJX-TV | CHARLOTTE AMALIE VI | 68.7 | CP | BMPEDT | -20080620AFB |
| 44 | WTJX-TV | CHARLOTTE AMALIE VI | 68.7 | LIC | BLDT | -20040823ABI |
| 45 | WIDP | GUAYAMA PR | 125.7 | LIC | BLCDT | -20071113ACX |
| 45 | NEW | JUANA DIAZ PR | 190.8 | APP | BNPDTL | -20090825BBA |
| 45 | WTPM-LD | MAYAGUEZ-ANASCO PR | 259.7 | LIC | BLDTL | -20090819AEX |
| 45 | W36DP | YCAMUY PR | 232.9 | CP | BNPTTL | -20000830AJD |
| 46 | NEW | CULEBRA PR | 82.2 | APP | BNPDTL | -20090825BAL |
| 46 | NEW | PONCE PR | 194.0 | APP | BNPDTL | -20090828ADR |
| 52 | WEYA-LP | CHRISTIANSTED VI | 12.1 | LIC | BLTTL | -20050207ABB |

Analysis of Interference to Affected Station 1

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|---------|---------------------|-------------|-------------|
| 38 | WBIV-LP | CHARLOTTE AMALIE VI | BLTTL | -19990709JF |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|------------------|----------|--------|-------------|--------------|
| 30 | WDWL | BAYAMON PR | 120.4 | CP MOD | BMPCDT | -20081103ACW |
| 30 | WDWL | BAYAMON PR | 120.5 | PLN | DTVPLN | -DTVPL1115 |
| 31 | WSJU-TV | SAN JUAN PR | 118.7 | PLN | DTVPLN | -DTVPL1155 |
| 31 | WSJU-TV | SAN JUAN PR | 118.7 | APP | BLCDT | -20090217AEH |
| 31 | WSJU-TV | SAN JUAN PR | 118.7 | CP MOD | BMPCDT | -20060628ACE |
| 38 | NEW | CAGUAS PR | 118.7 | APP | BNPTTL | -20000804ACN |
| 38 | NEW | MAYAGUEZ PR | 213.5 | APP | BNPDTL | -20090825BRC |
| 38 | NEW | PONCE PR | 179.8 | APP | BNPDTL | -20090825BSS |
| 38 | NEW | SABANA GRANDE PR | 213.6 | APP | BNPDTL | -20090825BMJ |
| 38 | NEW | SAN JUAN PR | 93.5 | APP | BNPDTL | -20090825BSL |
| 38 | WWXY-LP | SAN JUAN PR | 120.4 | APP | BDFCDTL | -20090824ABZ |
| 38 | WWXY-LP | SAN JUAN PR | 120.4 | LIC | BLTTL | -20080716AAS |
| 38 | NEW | SAN JUAN PR | 126.1 | APP | BNPTTL | -20000830AXC |
| 38 | NEW | VIEQUES PR | 55.7 | APP | BNPDTL | -20090825BGT |
| 45 | WIDP | GUAYAMA PR | 93.4 | LIC | BLCDT | -20071113ACX |