

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

Date: 01-08-2014 Time: 10:39:34

Record Selected for Analysis

W46EO10W USERRECORD-01 XXXX XX US
Channel 46 ERP 0.01 kW HAAT 174. m RCAMSL 00175 m SIMPLE MASK
Latitude 018-19-19 Longitude 0065-17-59
Status APP Zone 2 Border Site number: 01
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
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 | 0.010 | 175.0 | 12.549 |
| 45.0 | 0.010 | 175.0 | 12.549 |
| 90.0 | 0.010 | 167.0 | 12.270 |
| 135.0 | 0.010 | 174.7 | 12.541 |
| 180.0 | 0.010 | 175.0 | 12.549 |
| 225.0 | 0.010 | 175.0 | 12.549 |
| 270.0 | 0.010 | 175.0 | 12.548 |
| 315.0 | 0.010 | 175.0 | 12.549 |

Contour Overlap to Proposed Station

Contour Overlap Evaluation to Proposed Station Complete

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

| Channel | Proposed Station Call | City/State | ARN |
|---------|--------------------------|------------|--------------|
| 46 | W46EO10W | XXXX XX | USERRECORD01 |

Stations Potentially Affected by Proposed Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|----------|---------------------|----------|--------|-------------|--------------|
| 38 | DWBIV-LP | CHARLOTTE AMALIE VI | 34.9 | LIC | BLTTL | -19990709JF |
| 42 | WIVE-LP | CEIBA PR | 39.2 | LIC | BLTTL | -20030128ABW |
| 45 | WIDP | GUAYAMA PR | 58.6 | LIC | BLC DT | -20071113ACX |
| 45 | W45DI-D | JUANA DIAZ PR | 133.7 | CP MOD | BMPDTL | -20120402AFD |
| 45 | WTPM-LD | MAYAGUEZ-ANASCO PR | 198.9 | LIC | BLD TL | -20090819AEX |
| 45 | WTPM-LD | MAYAGUEZ-ANASCO PR | 198.9 | CP | BPDTL | -20120821ABF |
| 45 | W45DQ-D | CHRISTIANSTED VI | 82.2 | CP | BNPDTL | -20090921ADD |
| 46 | WCCV-TV | ARECIBO PR | 154.4 | LIC | BLC DT | -20090612AFO |
| 46 | W46ES-D | PONCE PR | 143.0 | CP | BNPDTL | -20090828ADR |
| 47 | W47DX-D | CANOVANAS PR | 52.2 | CP MOD | BMPDTL | -20120224ABA |
| 47 | W47DU-D | CIALES PR | 130.8 | CP | BNPDTL | -20090825BIB |
| 47 | NEW | GURABO PR | 68.1 | APP | BNPDTL | -20090825BPE |
| 47 | WVOZ-TV | PONCE PR | 155.2 | LIC | BLC DT | -20071116ACW |
| 47 | W47DS-D | CHARLOTTE AMALIE VI | 37.3 | CP | BNPDTL | -20090825BPC |

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Analysis of Interference to Affected Station 1

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|----------|---------------------|-------------|-------------|
| 38 | DWBIV-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 | LIC | BLC DT | -20091124ADX |
| 31 | WSJU-TV | SAN JUAN PR | 118.7 | LIC | BLC DT | -20090217AEH |
| 38 | WWXY-LD | SAN JUAN PR | 120.4 | LIC | BLD TL | -20120802AAE |
| 38 | W38EQ-D | VIEQUES PR | 55.7 | CP | BNPDTL | -20090825BGT |
| 39 | W39DJ-D | NAGUABO PR | 74.7 | CP | BNPDTL | -20090921ADK |
| 45 | WIDP | GUAYAMA PR | 93.4 | LIC | BLC DT | -20071113ACX |
| 46 | W46EO10W | XXXX XX | 34.9 | APP | USERRECORD-01 | |

Proposal causes no interference

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Analysis of Interference to Affected Station 2