

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: 10-24-2012 Time: 10:01:30

Record Selected for Analysis

RAYM4MAR USERRECORD-01 RAYM4MARIC2 XX US
Channel 04 ERP 3. kW HAAT 618. m RCAMSL 00925 m FULL SERVICE MASK
Latitude 018-09-00 Longitude 0066-59-00
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 | 43.0 | dBu F(50,90) |
| (Deg) | (kW) | (m) | (km) | |
| 0.0 | 3.000 | 606.2 | 83.8 | |
| 45.0 | 3.000 | 489.0 | 78.5 | |
| 90.0 | 3.000 | 152.2 | 55.8 | |
| 135.0 | 3.000 | 651.1 | 85.1 | |
| 180.0 | 3.000 | 817.9 | 89.7 | |
| 225.0 | 3.000 | 814.0 | 89.6 | |
| 270.0 | 3.000 | 775.2 | 88.5 | |
| 315.0 | 3.000 | 637.8 | 84.7 | |

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 |
|---------|--------------------------|----------------|--------------|
| 04 | RAYM4MAR | RAYM4MARIC2 XX | USERRECORD01 |

Stations Potentially Affected by Proposed Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|-------------|----------|--------|-------------|--------------|
| 03 | NEW | GUAYNABO PR | 94.9 | APP | BNPDVL | -20090825BQI |
| 03 | W03BS-D | GUAYNABO PR | 93.4 | CP | BDISDVL | -20110725ABF |
| 03 | NEW | MAYAGUEZ PR | 27.8 | APP | BNPDVL | -20090825BPX |
| 03 | NEW | MAYAGUEZ PR | 0.2 | APP | BNPDVL | -20090825BRB |
| 03 | NEW | PONCE PR | 37.2 | APP | BNPDVL | -20090825BQD |
| 03 | NEW | PONCE PR | 41.4 | APP | BNPDVL | -20090825BRF |
| 03 | NEW | SAN JUAN PR | 120.2 | APP | BNPDVL | -20090825BQT |
| 04 | NEW | MAYAGUEZ PR | 0.2 | APP | BNPDVL | -20090825BSN |
| 04 | NEW | PONCE PR | 41.4 | APP | BNPDVL | -20090825BRH |
| 04 | NEW | SAN JUAN PR | 120.2 | APP | BNPDVL | -20090825BQW |

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Analysis of Interference to Affected Station 1

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|------|-------------|-------------|--------------|
| 03 | NEW | GUAYNABO PR | BNPDVL | -20090825BQI |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|----------|----------------|----------|--------|---------------|--------------|
| 02 | W02CT-D | ARECIBO PR | 70.9 | CP | BNPDVL | -20090903ACW |
| 02 | NEW | CAROLINA PR | 25.5 | APP | BNPDVL | -20090825BQX |
| 02 | W02CU-D | MAYAGUEZ PR | 114.6 | CP MOD | BMPDVL | -20120817ABB |
| 02 | W02CS-D | PONCE PR | 50.3 | CP MOD | BMPDVL | -20120327ALG |
| 02 | NEW | SAN JUAN PR | 7.8 | APP | BNPDVL | -20090825AWM |
| 02 | W29EE-D | SAN LORENZO PR | 1.8 | APP | BDISDVL | -20120927AEM |
| 03 | W03BS-D | GUAYNABO PR | 1.7 | CP | BDISDVL | -20110725ABF |
| 03 | NEW | MAYAGUEZ PR | 113.6 | APP | BNPDVL | -20090825BPX |
| 03 | NEW | MAYAGUEZ PR | 94.7 | APP | BNPDVL | -20090825BRB |
| 03 | NEW | PONCE PR | 65.3 | APP | BNPDVL | -20090825BQD |
| 03 | NEW | PONCE PR | 64.7 | APP | BNPDVL | -20090825BRF |
| 03 | NEW | SAN JUAN PR | 25.5 | APP | BNPDVL | -20090825BQT |
| 04 | NEW | MAYAGUEZ PR | 94.7 | APP | BNPDVL | -20090825BSN |
| 04 | NEW | PONCE PR | 64.7 | APP | BNPDVL | -20090825BRH |
| 04 | NEW | SAN JUAN PR | 25.5 | APP | BNPDVL | -20090825BQW |
| 04 | RAYM4MAR | RAYM4MARIC2 XX | 94.9 | APP | USERRECORD-01 | |

Proposal causes no interference