

Census data selected: 1990
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 09-11-2006 Time: 07:34:02

Record Selected for Analysis

USERRECORD-01 US
Channel 69 ERP 150. kW HAAT 136. m RCAMSL 00164 m
Latitude 026-15-23 Longitude 0098-13-49
Status APP Zone 2 Border Offset -
Last update Cutoff date Docket
Comments
Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Not full service station

Facility meets maximum power limit

| Azimuth (Deg) | ERP (kW) | HAAT (m) | 74.0 dBu F(50,50) (km) |
|------------------|-------------|-------------|---------------------------|
| 0.0 | 150.000 | 127.9 | 31.3 |
| 45.0 | 150.000 | 135.5 | 31.9 |
| 90.0 | 150.000 | 135.9 | 31.9 |
| 135.0 | 150.000 | 132.9 | 31.7 |
| 180.0 | 150.000 | 131.8 | 31.6 |
| 225.0 | 150.000 | 130.2 | 31.4 |
| 270.0 | 150.000 | 118.0 | 30.4 |
| 315.0 | 150.000 | 114.8 | 30.1 |

Contour Overlap Evaluation from LPTV Station to Full Service TV & DTV

No Spacing violations or contour overlap from LPTV station

Contour Overlap Evaluation from LPTV to Full Service TV & DTV Complete

Contour Overlap Evaluation from LPTV Station to LPTV Stations

Station inside contour of station
KSTI-LP 69 MCALLEN TX BLTTL 20000922ACJ

Contour Overlap Evaluation from LPTV to LPTV Stations Complete

Contour Overlap to Proposed Station

Station

Is inside contour of station
69

USERRECORD01

Contour Overlap Evaluation to Proposed Station Complete

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quite zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is within the Mexican coordination distance
Distance to border = 15.7km

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

| | | | |
|---------|------------------|------------|--------------|
| | Proposed Station | | |
| Channel | Call | City/State | ARN |
| 69 | | | USERRECORD01 |

Stations Potentially Affected by Proposed Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|---|------|------------|----------|--------|----------------------|
| %%% | | | | | |

Analysis of Interference to Affected Station 1

Analysis of current record

| | | | |
|---------|------|------------|----------------------|
| Channel | Call | City/State | Application Ref. No. |
| 69 | | | USERRECORD-01 |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|---------------------|------|------------|----------|--------|----------------------|
| Total scenarios = 1 | | | | | |

Result key: 1
Scenario 1 Affected station 1
Before Analysis

| | | |
|--------------------------------|--------------|--------------|
| Results for: 69N | USERRECORD01 | APP |
| | POPULATION | AREA (sq km) |
| within Noise Limited Contour | 348660 | 2503.5 |
| not affected by terrain losses | 348660 | 2503.5 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 0 | 0.0 |
| lost to all IX | 0 | 0.0 |

Potential Interfering Stations Included in above Scenario 1

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