TECHNICAL EXHIBIT
DISPLACEMENT RELIEF APPLICATION
CLASS A STATION KNIC-CA
FACILITY ID 48837
SAN ANTONIO, TEXAS
CH 34 9.99 KW (MAX-DA)

## Technical Narrative

The technical exhibit of which this narrative is part was prepared in support of a displacement relief application for Class A station KNIC-CA on channel 17 at San Antonio, Texas (Facility ID: 48837; File No. BLTTA-20010703ABF).

Specifically, this displacement relief application proposes to modify the KNIC-CA licensed operation by changing channel, antenna orientation, and reducing the directional antenna maximum effective radiated power (ERP). It is proposed to operate on channel 34 (590-596 MHz) with a "zero" carrier frequency offset and employing a Scala SL-8 “off-the-shelf” omnioid antenna (Antenna ID with 23503) having a main lobe orientation of 170 degrees true. The maximum directional effective radiated power will be 9.99 kW towards the radio horizon and any vertical or horizontal angle. The antenna is mounted on a building with an antenna radiation center above mean sea level of 372 meters. The tower registration number is 1054137.

## Displacement Relief Eligibility

The KNIC-CA currently licensed facility on channel 17 is located 32 kilometers from the authorized, co-channel facility of full-power NTSC station KNIC-TV on channel 17 at Blanco, TX (BNPCT-20000817AAF, BLCT-20061003AFN).[1] Based on the OET-69 Bulletin[2], the authorized KNIC-TV operation is predicted to cause interference to 99% of the KNIC-CA 74 dBu service area. According to Section 73.3572(a)(4)(iii) of FCC’s rules, a Class A TV station is eligible for displacement if it is predicted to receive interference from an authorized TV broadcast station. Therefore, Class A station KNIC-CA is eligible for displacement relief.

[1] The KNIC-TV facilities have been constructed and operation commenced on September 22, 2006 (BLCT-20061003AFN).

[2] The du Treil, Lundin & Rackley, Inc. DTV interference analysis program is based on the program and procedures outlined by the FCC in the Sixth Report and Order; subsequent Memorandum Opinion and Order; and FCC OET Bulletin No. 69. A nominal grid size resolution of 1 km was employed. A Sun computer system was employed. The results have been found to be in agreement with the results of the FCC implementation of OET Bulletin 69.

Figure 1 depicts the licensed and herein proposed 74 dBu contours for KNIC-CA. As indicated, the licensed 74 dBu contour encompasses the entire proposed 74 dBu contour.

Waiver of TV/DTV Freeze:

Currently the FCC has a freeze on certain TV and DTV requests for allotment or service area changes ("TV Freeze).[3] The TV Freeze includes Class A displacement applications. Therefore, a waiver of the FCC's TV Freeze s respectfully requested. The following is provided in support of the waiver request.

The FCC indicated that the freeze was necessary to ensure a stable television database prior to the commencement of the DTV channel election process. The FCC further stated that prohibiting the filing of new applications will allow broadcasters to evaluate stations' technical parameters and thereby facilitate channel elections and the creation of a new DTV Table of Allotments. However, the DTV channel election process established in the Second DTV Periodic Report and Order[4] has essentially been completed and the FCC has begun the final step of the transition from analog to DTV. Specifically, in the Seventh Further Notice of Proposed Rule Making ("Seventh FNPRM") the FCC has proposed a new DTV Table of Allotments which provides all eligible stations with channels for DTV operation after the transition to DTV.[5]

The proposed KNIC-CA channel 34 operation can potentially impact DTV operations on channels 33, 34 and 35. However, studies indicate that the proposed KNIC-CA channel 34 operation would not adversely impact any post-transition DTV operations on channels 33, 34 and/or 35 which are contained in the proposed DTV Table of Allotments contained in the Seventh FNPRM.

Furthermore, it appears that the only TV station which is close enough to be of concern and is eligible to request an alternate channel assignment based on the criteria set forth in the Seventh FNPRM is KCWX on NTSC channel 2 at Fredericksburg, Texas (BLCT-20000811ACG). Station KCWX received low-VHF channel 5 as its

[3] See FCC Public Notice dated August 3, 2004 (DA 04-2446) and entitled "Freeze on the Filing of Certain TV and DTV Requests for Allotment or Service Area Changes".
[4] See Second Periodic Review of the Commission's Rules and Policies Affecting the Conversion to Digital Television, MB Docket No. 03-15, Report and Order ("Second DTV Periodic Report and Order").
[5] See Seventh Further Notice of Proposed Rule Making, MB Docket No. 87-268, ("Seventh FNPRM").

tentative channel designation ("TCD") in the Seventh FNPRM. Licensees with TCD's for low-VHF channels are deemed to be eligible to request an alternate channel. Therefore, we studied the potential availability of channels 33, 34 and 35 for DTV use by KCWX and the preclusive effect that the proposed KNIC-CA operation on channel 34 would have on such use.

The KCWX studies were based on hypothetical, post-transition operations that would replicate KCWX's channel 5 TCD operation on each channel. The interference analyses used OET Bulletin No. 69 and the 2000 Census. The results indicate that a hypothetical post-transition operations by KCWX on channels 33 and 34 do not appear to be feasible due to the post-transition operation of KVUE-DT on DTV channel 33 at Austin, TX located 80 kilometers to the east. A hypothetical KCWX DTV operation on channel 33 is predicted to cause 21% interference to KVUE-DT and a hypothetical KCWX DTV operation on channel 34 is predicted to cause 1.3% interference to KVUE-DT. Thus it is presumed that neither channel would be available due to excessive interference (in excess of the 0.1% threshold) to KVUE-DT.

The OET-69 studies indicate that a hypothetical post-transition operation by KCWX on channel 35 does appear to be available for KCWX in compliance with the FCC's 0.1% interference criteria. However, the KCWX hypothetical post-transition operation on channel 35 is not predicted to cause interference to the proposed KNIC-CA operation. Furthermore, the proposed KNIC-CA operation is predicted to cause less than 0.5% interference to the post-transition operation of KCWX which complies with the 0.5% interference threshold applicable to Class A stations. Thus, it is believed that the proposed KNIC-CA operation can be considered to have no preclusive effect on the potential use of DTV channel 35 by KCWX.

As demonstrated above, the proposed KNIC-CA channel 34 operation would not adversely impact any post-transition DTV operations on channels 33, 34 and/or 35 which are contained in the proposed DTV Table of Allotments contained in the Seventh FNPRM. In addition, the proposed KNIC-CA channel 34 operation would not adversely impact potential use of DTV channel 35 by KCWX, the only station that appears to be eligible for use. Therefore, it is believed that a waiver of the TV Freeze is justified.

Response to Paragraph 11 (Interference)

The proposed facility complies with all the following applicable rule Sections: Sections 74.705, 74.706, 74.707, 74.708, 74.709 and 74.710. Figure 2 provides the output of a study based on the OET-69 Bulletin which demonstrates that the proposed KNIC-CA operation complies with the FCC's NTSC, DTV, LPTV/TV translator and Class A interference criteria. It is noted that the applications for new digital companion channel 34 at San Antonio, TX (BSFDTL-20060630CED, BSFDTL-20060630DEB, BSFDTL-20060630CKH) were all ignored as displacement relief applications take precedence over digital companion channel applications pursuant to Section 73.3572(a)(4)(ii). Furthermore, it is believed that the FCC should dismiss these digital companion channel 34 applications at San Antonio as each are predicted to cause 100% "new" interference to the herein proposed channel 34 operation.

Response to Paragraph 11 - Environmental Protection Act

The proposed KNIC-CA television facilities were evaluated in terms of potential radiofrequency radiation exposure at ground level in accordance with OST Bulletin No. 65, "Evaluating Compliance With FCC-Specified Guidelines for Human Exposure to Radiofrequency Radiation".

The proposed KNIC-CA antenna will be located atop an existing building. The area in the vicinity of the proposed KNIC-CA antenna is considered a "controlled exposure" area with access restricted to authorized personnel only. The closest accessible point to persons in the restricted area will be located 8 meters from the KNIC-CA antenna. The calculated power density at a point 6 meters from the antenna was calculated using the appropriate equation of the Bulletin. Using a greater than expected vertical relative field value of 0.25 (see Figure 3), a maximum visual effective radiated power of 9.99 kilowatts and 10 percent aural power, the calculated power density is 0.29 $mW/cm^2$ which is 15 percent of the Commission's recommended limit applicable to controlled exposure areas (1.98 $mW/cm^2$ for TV channel 34).

However, as this is a multiple-user site all existing and authorized broadcast facilities in the vicinity must be considered in the RFR evaluation. The calculations are summarized below:

| Station | ERP (kW) | Radial Distance to Test Point (m) | Relative Field Factor | Calculated Power Density/ANSI Limit ($mW/cm^2$) | Fraction of ANSI Limit |
|---|---|---|---|---|---|
| Proposed KNIC-CA | 9.99 | 6 | 0.25 | 0.29/1.98 | 0.15 |
| KTDF-LP | 11.5 | 6 | 0.25[6] | 0.33/1.66 | 0.20 |

The summation of the above fractions of the ANSI limit for each of the above stations is 0.35. Since this is less than unity, the combined power density will be less than the ANSI recommended limit applicable to general controlled exposure areas. Thus, it is believed that the KNIC-CA facility is in full compliance with the FCC's requirements with regard to radio frequency radiation exposure.

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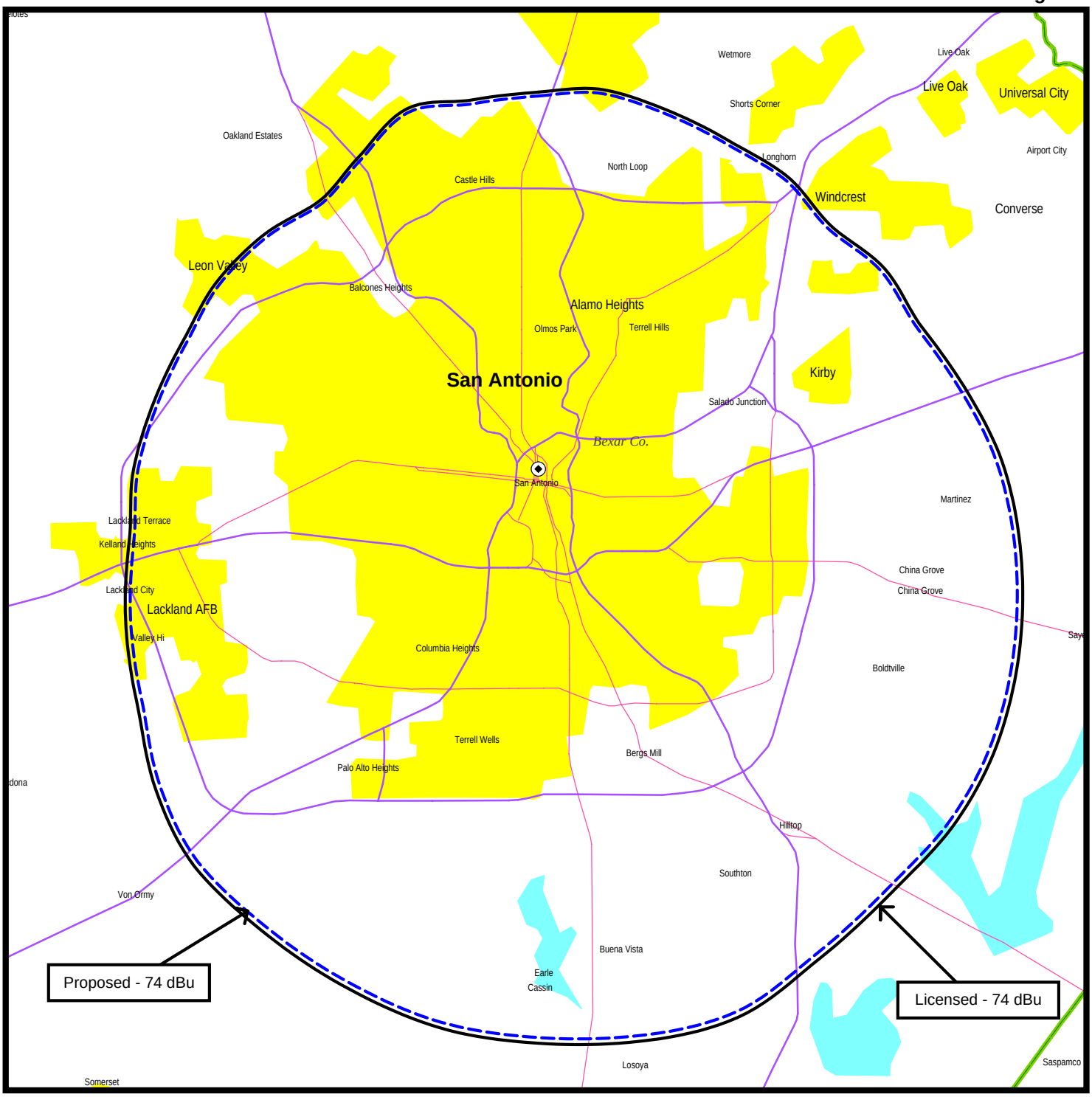
June 15, 2007

[6]This factor was conservatively estimated based on typical vertical plane radiation patterns.




15 0 5 10 15 20 25

**Kilometers**

# PREDICTED 74 DBU CONTOURS

CLASS A STATION KNIC-CA
SAN ANTONIO, TEXAS
CH 34 9.99 KW (MAX-DA)

du Treil, Lundin & Rackley, Inc. Sarasota, Florida

**OET-69 DTV/TV INTERFERENCE and SPACING ANALYSIS PROGRAM RESULTS**

Date: 06-15-2007
Census data selected: 1990
Record Selected for Analysis

KNIC-CA USERRECORD-01 SAN ANTONIO TX US
Channel 34 ERP 9.99 kW HAAT 193. m RCAMSL 00372 m
Latitude 029-25-41 Longitude 0098-29-32
Status APP Zone 3 Border Offset Z
Dir Antenna Make CDB Model 00000000023503 Beam tilt N Ref Azimuth 170.
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 | 4.895 | 129.0 | 13.6 |
| 45.0 | 4.092 | 142.3 | 13.7 |
| 90.0 | 5.471 | 172.1 | 16.6 |
| 135.0 | 8.921 | 186.3 | 19.9 |
| 180.0 | 9.791 | 193.3 | 20.7 |
| 225.0 | 7.736 | 177.0 | 18.7 |
| 270.0 | 4.352 | 155.3 | 14.6 |
| 315.0 | 4.688 | 114.6 | 12.7 |

Evaluation from Class A Station

Contour overlap to station
KVCT-DT 34 VICTORIA TX DTVPLN DTVP0958

Station inside contour of station
KMYS 35 KERRVILLE TX BLCT 20060109AAH

Spacing violation to station
KWEX-TV 41 SAN ANTONIO TX BLCT 19970331SG
Site-to-site distance 27.1km

Contour Overlap Evaluation from Class A Complete

Contour Overlap Evaluation from LPTV Station to LPTV Stations

Station inside contour of station
KOBS-LP 19 SAN ANTONIO TX BDISTTL 20060320ADY

Station inside contour of station
KOBS-LP 19 SAN ANTONIO TX BDISTTL 20060320AAJ

Station inside contour of station
K60GE 19 SAN ANTONIO TX BPTTL 20021007ACB

Contour Overlap Evaluation from LPTV to LPTV Stations Complete

Contour Overlap to Proposed Station

Station
KMYS 35 KERRVILLE TX BLCT20060109AAH causes

Contour overlap to Class A station
KNIC-CA 34 SAN ANTONIO TX 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 Mountian

Proposed facility is beyond the Canadian coordination distance

Proposed facility is within the Mexican coordination distance
Distance to border = 205.6km

Proposed station is OK toward AM broadcast stations

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Start of Interference Analysis

| Channel | Call | City/State | ARN |
|---|---|---|---|
| | Proposed Station | | |
| 34 | KNIC-CA | SAN ANTONIO TX | USERRECORD01 |

Stations Potentially Affected by Proposed Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|---|---|---|---|---|---|
| 19 | KOBS-LP | SAN ANTONIO TX | 1.9 | CP | BDISTTL -20060320ADY |

| | | | | | | |
|---|---|---|---|---|---|---|
| 19 | KOBS-LP | SAN ANTONIO TX | 1.9 | APP | BDISTTL | -20060320AAJ |
| 19 | K60GE | SAN ANTONIO TX | 43.7 | APP | BPTTL | -20021007ACB |
| 34 | KVCT-DT | VICTORIA TX | 165.4 | PLN | DTVPLN | -DTVP0958 |
| 35 | KMYS | KERRVILLE TX | 43.7 | LIC | BLCT | -20060109AAH |
| 41 | KWEX-TV | SAN ANTONIO TX | 27.1 | LIC | BLCT | -19970331SG |

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Analysis of Interference to Affected Station 1

Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---|---|---|---|
| 19 | KOBS-LP | SAN ANTONIO TX | BDISTTL -20060320ADY |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|---|---|---|---|---|---|
| 16 | KHCE-TV | SAN ANTONIO TX | 26.3 | LIC | BLEDT -20050209AKG |
| 16 | KHCE-DT | SAN ANTONIO TX | 26.3 | PLN | DTVPLN -DTVP0244 |
| 18 | KLRU | AUSTIN TX | 118.5 | APP | BPET -20020429ABA |
| 18 | KLRU | AUSTIN TX | 118.3 | LIC | BLET -19790424KG |
| 18 | KTDF-LP | SAN ANTONIO TX | 1.9 | LIC | BLTTL -20030303AAN |
| 19 | KDCP-LP | CORPUS CHRISTI TX | 183.6 | CP | BNPTTL -20000831CJP |
| 19 | KTVT | FORT WORTH TX | 378.6 | LIC | BLCDT -20050628ABA |
| 19 | KTVT-DT | FORT WORTH TX | 378.6 | PLN | DTVPLN -DTVP0372 |
| 19 | KTXH | HOUSTON TX | 287.0 | LIC | BLCDT -20020514AAE |
| 19 | KTXH-DT | HOUSTON TX | 287.1 | PLN | DTVPLN -DTVP0373 |
| 19 | KLDO-DT | LAREDO TX | 237.3 | PLN | DTVPLN -DTVP0374 |
| 19 | KLDO-TV | LAREDO TX | 225.4 | CP MOD | BMPCDT -20060112AEV |
| 19 | KIDY-DT | SAN ANGELO TX | 309.6 | PLN | DTVPLN -DTVP0375 |
| 19 | K60GE | SAN ANTONIO TX | 45.2 | APP | BPTTL -20021007ACB |
| 19 | KVCT | VICTORIA TX | 146.1 | CP | BPCT -20030212AAC |
| 20 | K20BW | SAN ANTONIO TX | 13.6 | LIC | BLTT -19981014JC |
| 20 | KLRN-DT | SAN ANTONIO TX | 16.2 | PLN | DTVPLN -DTVP0418 |
| 20 | KPXL-TV | UVALDE TX | 111.4 | APP | BPRM -20040322AHN |
| 21 | KXAN-TV | AUSTIN TX | 118.8 | LIC | BLCDT -20050630AAG |
| 21 | KXAN-DT | AUSTIN TX | 118.8 | PLN | DTVPLN -DTVP0459 |
| 22 | KLRU | AUSTIN TX | 118.2 | LIC | BLEDT -20040305ACK |
| 22 | KLRU-DT | AUSTIN TX | 118.3 | PLN | DTVPLN -DTVP0505 |
| 27 | KXAM-TV | LLANO TX | 138.7 | CP | BPCDT -19991018AAV |
| 27 | KXAM-DT | LLANO TX | 138.7 | PLN | DTVPLN -DTVP0693 |
| 33 | KVUE-DT | AUSTIN TX | 118.3 | PLN | DTVPLN -DTVP0918 |
| 33 | KVUE | AUSTIN TX | 118.2 | LIC | BLCDT -20050624AAI |
| 34 | KNIC-CA | SAN ANTONIO TX | 1.9 | APP | USERRECORD-01 |

Total scenarios = 3

Result key: 1
Scenario 1 Affected station 1 KOBS-LP
Before Analysis

Results for: 19N TX SAN ANTONIO BDISTTL 20060320ADY CP

| | POPULATION | AREA (sq km) |
|---|---|---|
| within Noise Limited Contour | 1030497 | 1352.9 |

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   not affected by terrain losses   1030497       1352.9
   lost to NTSC IX                    47484         42.3
   lost to additional IX by ATV        2161         61.0
   lost to all IX                     49645        103.2

 Potential Interfering Stations Included in above Scenario     1

18N TX SAN ANTONIO          BLTTL     20030303AAN  LIC
19N TX VICTORIA             BPCT      20030212AAC  CP
20N TX SAN ANTONIO          BLTT      19981014JC   LIC
20A TX SAN ANTONIO          DTVPLN    DTVP0418     PLN

After Analysis

Results for: 19N TX SAN ANTONIO          BDISTTL   20060320ADY  CP
                               POPULATION   AREA (sq km)
   within Noise Limited Contour     1030497       1352.9
   not affected by terrain losses   1030497       1352.9
   lost to NTSC IX                    48149         43.3
   lost to additional IX by ATV        2161         61.0
   lost to all IX                     50310        104.2

 Potential Interfering Stations Included in above Scenario     1

18N TX SAN ANTONIO          BLTTL     20030303AAN  LIC
19N TX VICTORIA             BPCT      20030212AAC  CP
20N TX SAN ANTONIO          BLTT      19981014JC   LIC
20A TX SAN ANTONIO          DTVPLN    DTVP0418     PLN
34N TX SAN ANTONIO          USERRECORD01           APP

Result key:        2
Scenario        2  Affected station        1  KOBS-LP
Before Analysis

Results for: 19N TX SAN ANTONIO          BDISTTL   20060320ADY  CP
                               POPULATION   AREA (sq km)
   within Noise Limited Contour     1030497       1352.9
   not affected by terrain losses   1030497       1352.9
   lost to NTSC IX                   997395       1309.6
   lost to additional IX by ATV           0          0.0
   lost to all IX                    997395       1309.6

 Potential Interfering Stations Included in above Scenario     2

18N TX SAN ANTONIO          BLTTL     20030303AAN  LIC
19N TX SAN ANTONIO          BPTTL     20021007ACB  APP
19N TX VICTORIA             BPCT      20030212AAC  CP
20N TX SAN ANTONIO          BLTT      19981014JC   LIC
20A TX SAN ANTONIO          DTVPLN    DTVP0418     PLN

After Analysis

Results for: 19N TX SAN ANTONIO          BDISTTL   20060320ADY  CP
                               POPULATION   AREA (sq km)
   within Noise Limited Contour     1030497       1352.9
   not affected by terrain losses   1030497       1352.9
   lost to NTSC IX                   997395       1309.6
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   lost to additional IX by ATV           0          0.0
   lost to all IX                    997395       1309.6

 Potential Interfering Stations Included in above Scenario     2

18N TX SAN ANTONIO          BLTTL     20030303AAN  LIC
19N TX SAN ANTONIO          BPTTL     20021007ACB  APP
19N TX VICTORIA             BPCT      20030212AAC  CP
20N TX SAN ANTONIO          BLTT      19981014JC   LIC
20A TX SAN ANTONIO          DTVPLN    DTVP0418     PLN
34N TX SAN ANTONIO          USERRECORD01           APP

Result key:        3
Scenario        3  Affected station        1  KOBS-LP
Before Analysis

Results for: 19N TX SAN ANTONIO          BDISTTL   20060320ADY  CP
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     1030497       1352.9
   not affected by terrain losses   1030497       1352.9
   lost to NTSC IX                    47484         42.3
   lost to additional IX by ATV        2161         61.0
   lost to all IX                     49645        103.2

 Potential Interfering Stations Included in above Scenario     3

18N TX SAN ANTONIO          BLTTL     20030303AAN  LIC
19N TX VICTORIA             BPCT      20030212AAC  CP
20N TX SAN ANTONIO          BLTT      19981014JC   LIC
20A TX SAN ANTONIO          DTVPLN    DTVP0418     PLN

After Analysis

Results for: 19N TX SAN ANTONIO          BDISTTL   20060320ADY  CP
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     1030497       1352.9
   not affected by terrain losses   1030497       1352.9
   lost to NTSC IX                    48149         43.3
   lost to additional IX by ATV        2161         61.0
   lost to all IX                     50310        104.2

 Potential Interfering Stations Included in above Scenario     3

18N TX SAN ANTONIO          BLTTL     20030303AAN  LIC
19N TX VICTORIA             BPCT      20030212AAC  CP
20N TX SAN ANTONIO          BLTT      19981014JC   LIC
20A TX SAN ANTONIO          DTVPLN    DTVP0418     PLN
34N TX SAN ANTONIO          USERRECORD01           APP

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     Analysis of Interference to Affected Station   2


Analysis of current record
Channel     Call           City/State        Application Ref. No.
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19 KOBS-LP SAN ANTONIO TX BDISTTL -20060320AAJ

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|---|---|---|---|---|---|---|
| 16 | KHCE-TV | SAN ANTONIO TX | 26.3 | LIC | BLEDT | -20050209AKG |
| 16 | KHCE-DT | SAN ANTONIO TX | 26.3 | PLN | DTVPLN | -DTVP0244 |
| 18 | KLRU | AUSTIN TX | 118.5 | APP | BPET | -20020429ABA |
| 18 | KLRU | AUSTIN TX | 118.3 | LIC | BLET | -19790424KG |
| 18 | KTDF-LP | SAN ANTONIO TX | 1.9 | LIC | BLTTL | -20030303AAN |
| 19 | KDCP-LP | CORPUS CHRISTI TX | 183.6 | CP | BNPTTL | -20000831CJP |
| 19 | KTVT | FORT WORTH TX | 378.6 | LIC | BLCDT | -20050628ABA |
| 19 | KTVT-DT | FORT WORTH TX | 378.6 | PLN | DTVPLN | -DTVP0372 |
| 19 | KTXH | HOUSTON TX | 287.0 | LIC | BLCDT | -20020514AAE |
| 19 | KTXH-DT | HOUSTON TX | 287.1 | PLN | DTVPLN | -DTVP0373 |
| 19 | KLDO-DT | LAREDO TX | 237.3 | PLN | DTVPLN | -DTVP0374 |
| 19 | KLDO-TV | LAREDO TX | 225.4 | CP MOD | BMPCDT | -20060112AEV |
| 19 | KIDY-DT | SAN ANGELO TX | 309.6 | PLN | DTVPLN | -DTVP0375 |
| 19 | K60GE | SAN ANTONIO TX | 45.2 | APP | BPTTL | -20021007ACB |
| 19 | KVCT | VICTORIA TX | 146.1 | CP | BPCT | -20030212AAC |
| 20 | K20BW | SAN ANTONIO TX | 13.6 | LIC | BLTT | -19981014JC |
| 20 | KLRN-DT | SAN ANTONIO TX | 16.2 | PLN | DTVPLN | -DTVP0418 |
| 20 | KPXL-TV | UVALDE TX | 111.4 | APP | BPRM | -20040322AHN |
| 21 | KXAN-TV | AUSTIN TX | 118.8 | LIC | BLCDT | -20050630AAG |
| 21 | KXAN-DT | AUSTIN TX | 118.8 | PLN | DTVPLN | -DTVP0459 |
| 22 | KLRU | AUSTIN TX | 118.2 | LIC | BLEDT | -20040305ACK |
| 22 | KLRU-DT | AUSTIN TX | 118.3 | PLN | DTVPLN | -DTVP0505 |
| 27 | KXAM-TV | LLANO TX | 138.7 | CP | BPCDT | -19991018AAV |
| 27 | KXAM-DT | LLANO TX | 138.7 | PLN | DTVPLN | -DTVP0693 |
| 33 | KVUE-DT | AUSTIN TX | 118.3 | PLN | DTVPLN | -DTVP0918 |
| 33 | KVUE | AUSTIN TX | 118.2 | LIC | BLCDT | -20050624AAI |
| 34 | KNIC-CA | SAN ANTONIO TX | 1.9 | APP | USERRECORD | -01 |

Total scenarios = 3

Result key: 4
Scenario 1 Affected station 2 KOBS-LP
Before Analysis

Results for: 19N TX SAN ANTONIO BDISTTL 20060320AAJ APP

| | POPULATION | AREA (sq km) |
|---|---|---|
| within Noise Limited Contour | 1030497 | 1352.9 |
| not affected by terrain losses | 1030497 | 1352.9 |
| lost to NTSC IX | 47484 | 42.3 |
| lost to additional IX by ATV | 2161 | 61.0 |
| lost to all IX | 49645 | 103.2 |

Potential Interfering Stations Included in above Scenario 1

| | | | |
|---|---|---|---|
| 18N TX SAN ANTONIO | BLTTL | 20030303AAN | LIC |
| 19N TX VICTORIA | BPCT | 20030212AAC | CP |
| 20N TX SAN ANTONIO | BLTT | 19981014JC | LIC |
| 20A TX SAN ANTONIO | DTVPLN | DTVP0418 | PLN |

After Analysis

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Results for: 19N TX SAN ANTONIO          BDISTTL   20060320AAJ  APP
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     1030497       1352.9
   not affected by terrain losses   1030497       1352.9
   lost to NTSC IX                    48149         43.3
   lost to additional IX by ATV        2161         61.0
   lost to all IX                     50310        104.2

 Potential Interfering Stations Included in above Scenario     1

18N TX SAN ANTONIO          BLTTL     20030303AAN  LIC
19N TX VICTORIA             BPCT      20030212AAC  CP
20N TX SAN ANTONIO          BLTT      19981014JC   LIC
20A TX SAN ANTONIO          DTVPLN    DTVP0418     PLN
34N TX SAN ANTONIO          USERRECORD01           APP

Result key:        5
Scenario        2  Affected station        2  KOBS-LP
Before Analysis

Results for: 19N TX SAN ANTONIO          BDISTTL   20060320AAJ  APP
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     1030497       1352.9
   not affected by terrain losses   1030497       1352.9
   lost to NTSC IX                   997395       1309.6
   lost to additional IX by ATV           0          0.0
   lost to all IX                    997395       1309.6

 Potential Interfering Stations Included in above Scenario     2

18N TX SAN ANTONIO          BLTTL     20030303AAN  LIC
19N TX SAN ANTONIO          BPTTL     20021007ACB  APP
19N TX VICTORIA             BPCT      20030212AAC  CP
20N TX SAN ANTONIO          BLTT      19981014JC   LIC
20A TX SAN ANTONIO          DTVPLN    DTVP0418     PLN

After Analysis

Results for: 19N TX SAN ANTONIO          BDISTTL   20060320AAJ  APP
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     1030497       1352.9
   not affected by terrain losses   1030497       1352.9
   lost to NTSC IX                   997395       1309.6
   lost to additional IX by ATV           0          0.0
   lost to all IX                    997395       1309.6

 Potential Interfering Stations Included in above Scenario     2

18N TX SAN ANTONIO          BLTTL     20030303AAN  LIC
19N TX SAN ANTONIO          BPTTL     20021007ACB  APP
19N TX VICTORIA             BPCT      20030212AAC  CP
20N TX SAN ANTONIO          BLTT      19981014JC   LIC
20A TX SAN ANTONIO          DTVPLN    DTVP0418     PLN
34N TX SAN ANTONIO          USERRECORD01           APP

Result key:        6
Scenario        3  Affected station        2  KOBS-LP
```

Before Analysis

Results for: 19N TX SAN ANTONIO BDISTTL 20060320AAJ APP

| | POPULATION | AREA (sq km) |
|---|---|---|
| within Noise Limited Contour | 1030497 | 1352.9 |
| not affected by terrain losses | 1030497 | 1352.9 |
| lost to NTSC IX | 47484 | 42.3 |
| lost to additional IX by ATV | 2161 | 61.0 |
| lost to all IX | 49645 | 103.2 |

Potential Interfering Stations Included in above Scenario 3

| | | | |
|---|---|---|---|
| 18N TX SAN ANTONIO | BLTTL | 20030303AAN | LIC |
| 19N TX VICTORIA | BPCT | 20030212AAC | CP |
| 20N TX SAN ANTONIO | BLTT | 19981014JC | LIC |
| 20A TX SAN ANTONIO | DTVPLN | DTVP0418 | PLN |

After Analysis

Results for: 19N TX SAN ANTONIO BDISTTL 20060320AAJ APP

| | POPULATION | AREA (sq km) |
|---|---|---|
| within Noise Limited Contour | 1030497 | 1352.9 |
| not affected by terrain losses | 1030497 | 1352.9 |
| lost to NTSC IX | 48149 | 43.3 |
| lost to additional IX by ATV | 2161 | 61.0 |
| lost to all IX | 50310 | 104.2 |

Potential Interfering Stations Included in above Scenario 3

| | | | |
|---|---|---|---|
| 18N TX SAN ANTONIO | BLTTL | 20030303AAN | LIC |
| 19N TX VICTORIA | BPCT | 20030212AAC | CP |
| 20N TX SAN ANTONIO | BLTT | 19981014JC | LIC |
| 20A TX SAN ANTONIO | DTVPLN | DTVP0418 | PLN |
| 34N TX SAN ANTONIO | USERRECORD01 | | APP |

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Analysis of Interference to Affected Station 3

Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---|---|---|---|
| 19 | K60GE | SAN ANTONIO TX | BPTTL -20021007ACB |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|---|---|---|---|---|---|---|
| 16 | KHCE-TV | SAN ANTONIO TX | 71.2 | LIC | BLEDT | -20050209AKG |
| 16 | KHCE-DT | SAN ANTONIO TX | 19.0 | PLN | DTVPLN | -DTVP0244 |
| 17 | NEW | BLANCO TX | 38.7 | LIC | BPRM | -20020308ABT |
| 17 | KNIC-TV | BLANCO TX | 38.0 | CP | BNPCT | -20000817AAF |
| 18 | KLRU | AUSTIN TX | 131.7 | APP | BPET | -20020429ABA |
| 18 | KLRU | AUSTIN TX | 131.4 | LIC | BLET | -19790424KG |
| 18 | KTDF-LP | SAN ANTONIO TX | 43.7 | LIC | BLTTL | -20030303AAN |
| 19 | KDCP-LP | CORPUS CHRISTI TX | 221.2 | CP | BNPTTL | -20000831CJP |
| 19 | KTVT | FORT WORTH TX | 378.0 | LIC | BLCDT | -20050628ABA |

| | | | | | | |
|---|---|---|---|---|---|---|
| 19 | KTVT-DT | FORT WORTH TX | 378.0 | PLN | DTVPLN | -DTVP0372 |
| 19 | KTXH | HOUSTON TX | 327.0 | LIC | BLCDT | -20020514AAE |
| 19 | KTXH-DT | HOUSTON TX | 327.0 | PLN | DTVPLN | -DTVP0373 |
| 19 | KLDO-DT | LAREDO TX | 242.1 | PLN | DTVPLN | -DTVP0374 |
| 19 | KLDO-TV | LAREDO TX | 227.3 | CP MOD | BMPCDT | -20060112AEV |
| 19 | KIDY-DT | SAN ANGELO TX | 269.2 | PLN | DTVPLN | -DTVP0375 |
| 19 | KOBS-LP | SAN ANTONIO TX | 45.2 | CP | BDISTTL | -20060320ADY |
| 19 | KVCT | VICTORIA TX | 191.4 | CP | BPCT | -20030212AAC |
| 20 | K20BW | SAN ANTONIO TX | 32.7 | LIC | BLTT | -19981014JC |
| 20 | KLRN-DT | SAN ANTONIO TX | 60.8 | PLN | DTVPLN | -DTVP0418 |
| 20 | KPXL-TV | UVALDE TX | 75.6 | APP | BPRM | -20040322AHN |
| 21 | KXAN-TV | AUSTIN TX | 131.9 | LIC | BLCDT | -20050630AAG |
| 21 | KXAN-DT | AUSTIN TX | 131.9 | PLN | DTVPLN | -DTVP0459 |
| 22 | KLRU | AUSTIN TX | 131.3 | LIC | BLEDT | -20040305ACK |
| 22 | KLRU-DT | AUSTIN TX | 131.4 | PLN | DTVPLN | -DTVP0505 |
| 23 | KHCE-TV | SAN ANTONIO TX | 71.2 | LIC | BLET | -20030318AGJ |
| 27 | KXAM-TV | LLANO TX | 122.6 | CP | BPCDT | -19991018AAV |
| 27 | KXAM-DT | LLANO TX | 122.6 | PLN | DTVPLN | -DTVP0693 |
| 33 | KVUE-DT | AUSTIN TX | 131.4 | PLN | DTVPLN | -DTVP0918 |
| 33 | KVUE | AUSTIN TX | 131.3 | LIC | BLCDT | -20050624AAI |
| 34 | KNIC-CA | SAN ANTONIO TX | 43.7 | APP | USERRECORD-01 | |

Total scenarios = 4

Result key: 7
Scenario 1 Affected station 3 K60GE
Before Analysis

Results for: 19N TX SAN ANTONIO BPTTL 20021007ACB APP

| | POPULATION | AREA (sq km) |
|---|---|---|
| within Noise Limited Contour | 1027929 | 4360.9 |
| not affected by terrain losses | 1023950 | 4282.3 |
| lost to NTSC IX | 989261 | 3143.3 |
| lost to additional IX by ATV | 0 | 0.0 |
| lost to all IX | 989261 | 3143.3 |

Potential Interfering Stations Included in above Scenario 1

| | | | |
|---|---|---|---|
| 17N TX BLANCO | BPRM | 20020308ABT | LIC |
| 18N TX SAN ANTONIO | BLTTL | 20030303AAN | LIC |
| 19N TX SAN ANTONIO | BDISTTL | 20060320ADY | CP |
| 19N TX VICTORIA | BPCT | 20030212AAC | CP |
| 20N TX SAN ANTONIO | BLTT | 19981014JC | LIC |
| 23N TX SAN ANTONIO | BLET | 20030318AGJ | LIC |
| 20A TX SAN ANTONIO | DTVPLN | DTVP0418 | PLN |

After Analysis

Results for: 19N TX SAN ANTONIO BPTTL 20021007ACB APP

| | POPULATION | AREA (sq km) |
|---|---|---|
| within Noise Limited Contour | 1027929 | 4360.9 |
| not affected by terrain losses | 1023950 | 4282.3 |
| lost to NTSC IX | 989261 | 3143.3 |
| lost to additional IX by ATV | 0 | 0.0 |
| lost to all IX | 989261 | 3143.3 |

```
 Potential Interfering Stations Included in above Scenario     1

17N TX BLANCO               BPRM      20020308ABT  LIC
18N TX SAN ANTONIO          BLTTL     20030303AAN  LIC
19N TX SAN ANTONIO          BDISTTL   20060320ADY  CP
19N TX VICTORIA             BPCT      20030212AAC  CP
20N TX SAN ANTONIO          BLTT      19981014JC   LIC
23N TX SAN ANTONIO          BLET      20030318AGJ  LIC
20A TX SAN ANTONIO          DTVPLN    DTVP0418     PLN
34N TX SAN ANTONIO          USERRECORD01           APP

Result key:        8
Scenario        2  Affected station        3  K60GE
Before Analysis

Results for: 19N TX SAN ANTONIO          BPTTL     20021007ACB  APP
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour     1027929       4360.9
   not affected by terrain losses   1023950       4282.3
   lost to NTSC IX                   988725       3132.5
   lost to additional IX by ATV           0          0.0
   lost to all IX                    988725       3132.5

 Potential Interfering Stations Included in above Scenario     2

17N TX BLANCO               BNPCT     20000817AAF  CP
18N TX SAN ANTONIO          BLTTL     20030303AAN  LIC
19N TX SAN ANTONIO          BDISTTL   20060320ADY  CP
19N TX VICTORIA             BPCT      20030212AAC  CP
20N TX SAN ANTONIO          BLTT      19981014JC   LIC
23N TX SAN ANTONIO          BLET      20030318AGJ  LIC
20A TX SAN ANTONIO          DTVPLN    DTVP0418     PLN

After Analysis

Results for: 19N TX SAN ANTONIO          BPTTL     20021007ACB  APP
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour     1027929       4360.9
   not affected by terrain losses   1023950       4282.3
   lost to NTSC IX                   988725       3132.5
   lost to additional IX by ATV           0          0.0
   lost to all IX                    988725       3132.5

 Potential Interfering Stations Included in above Scenario     2

17N TX BLANCO               BNPCT     20000817AAF  CP
18N TX SAN ANTONIO          BLTTL     20030303AAN  LIC
19N TX SAN ANTONIO          BDISTTL   20060320ADY  CP
19N TX VICTORIA             BPCT      20030212AAC  CP
20N TX SAN ANTONIO          BLTT      19981014JC   LIC
23N TX SAN ANTONIO          BLET      20030318AGJ  LIC
20A TX SAN ANTONIO          DTVPLN    DTVP0418     PLN
34N TX SAN ANTONIO          USERRECORD01           APP

Result key:        9
Scenario        3  Affected station        3  K60GE
Before Analysis
```

```
Results for: 19N TX SAN ANTONIO          BPTTL     20021007ACB  APP
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     1027929       4360.9
   not affected by terrain losses   1023950       4282.3
   lost to NTSC IX                   989261       3143.3
   lost to additional IX by ATV           0          0.0
   lost to all IX                    989261       3143.3

 Potential Interfering Stations Included in above Scenario     3

17N TX BLANCO               BPRM      20020308ABT  LIC
18N TX SAN ANTONIO          BLTTL     20030303AAN  LIC
19N TX SAN ANTONIO          BDISTTL   20060320ADY  CP
19N TX VICTORIA             BPCT      20030212AAC  CP
20N TX SAN ANTONIO          BLTT      19981014JC   LIC
23N TX SAN ANTONIO          BLET      20030318AGJ  LIC
20A TX SAN ANTONIO          DTVPLN    DTVP0418     PLN

After Analysis

Results for: 19N TX SAN ANTONIO          BPTTL     20021007ACB  APP
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     1027929       4360.9
   not affected by terrain losses   1023950       4282.3
   lost to NTSC IX                   989261       3143.3
   lost to additional IX by ATV           0          0.0
   lost to all IX                    989261       3143.3

 Potential Interfering Stations Included in above Scenario     3

17N TX BLANCO               BPRM      20020308ABT  LIC
18N TX SAN ANTONIO          BLTTL     20030303AAN  LIC
19N TX SAN ANTONIO          BDISTTL   20060320ADY  CP
19N TX VICTORIA             BPCT      20030212AAC  CP
20N TX SAN ANTONIO          BLTT      19981014JC   LIC
23N TX SAN ANTONIO          BLET      20030318AGJ  LIC
20A TX SAN ANTONIO          DTVPLN    DTVP0418     PLN
34N TX SAN ANTONIO          USERRECORD01           APP

Result key:       10
Scenario        4  Affected station        3  K60GE
Before Analysis

Results for: 19N TX SAN ANTONIO          BPTTL     20021007ACB  APP
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     1027929       4360.9
   not affected by terrain losses   1023950       4282.3
   lost to NTSC IX                   988725       3132.5
   lost to additional IX by ATV           0          0.0
   lost to all IX                    988725       3132.5

 Potential Interfering Stations Included in above Scenario     4

17N TX BLANCO               BNPCT     20000817AAF  CP
18N TX SAN ANTONIO          BLTTL     20030303AAN  LIC
19N TX SAN ANTONIO          BDISTTL   20060320ADY  CP
```

```
19N TX VICTORIA             BPCT      20030212AAC  CP
20N TX SAN ANTONIO          BLTT      19981014JC   LIC
23N TX SAN ANTONIO          BLET      20030318AGJ  LIC
20A TX SAN ANTONIO          DTVPLN    DTVP0418     PLN

After Analysis

Results for: 19N TX SAN ANTONIO          BPTTL     20021007ACB  APP
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour     1027929       4360.9
   not affected by terrain losses   1023950       4282.3
   lost to NTSC IX                   988725       3132.5
   lost to additional IX by ATV           0          0.0
   lost to all IX                    988725       3132.5

 Potential Interfering Stations Included in above Scenario     4

17N TX BLANCO               BNPCT     20000817AAF  CP
18N TX SAN ANTONIO          BLTTL     20030303AAN  LIC
19N TX SAN ANTONIO          BDISTTL   20060320ADY  CP
19N TX VICTORIA             BPCT      20030212AAC  CP
20N TX SAN ANTONIO          BLTT      19981014JC   LIC
23N TX SAN ANTONIO          BLET      20030318AGJ  LIC
20A TX SAN ANTONIO          DTVPLN    DTVP0418     PLN
34N TX SAN ANTONIO          USERRECORD01           APP

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     Analysis of Interference to Affected Station   4


DTV  Baseline Analysis
Channel     Call           City/State        Application Ref. No.
   34      KVCT-DT    VICTORIA TX              DTVPLN    -DTVP0958

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 33   KVUE-DT  AUSTIN TX               190.0  PLN    DTVPLN    -DTVP0918
 34   KITU     BEAUMONT TX             333.9  PLN    DTVPLN    -NPLN1483
 34   KLUJ-DT  HARLINGEN TX            295.9  PLN    DTVPLN    -DTVP0957
 34   KCTF     WACO TX                 304.2  PLN    DTVPLN    -NPLN1485
 35   KPRC-DT  HOUSTON TX              166.8  PLN    DTVPLN    -DTVP0995
 35   KRRT     KERRVILLE TX            209.1  PLN    DTVPLN    -NPLN1508

Results for: 34A TX VICTORIA             DTVPLN    DTVP0958     PLN
   HAAT  149.0 m, ATV ERP   50.0 kW
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour      116880       7760.3
   not affected by terrain losses    116880       7760.3
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV           0          0.0
   lost to ATV IX only                    0          0.0
   lost to all IX                         0          0.0

NTSC Baseline Analysis
```

| Channel | Call | City/State | Application | Ref. No. |
|---|---|---|---|---|
| 19 | KVCT | VICTORIA TX | DTVPLN | -NPLN1060 |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|---|---|---|---|---|---|---|
| 15 | KAVU-DT | VICTORIA TX | 39.8 | PLN | DTVPLN | -DTVP0198 |
| 16 | KEDTTV | CORPUS CHRISTI TX | 138.3 | PLN | DTVPLN | -NPLN0970 |
| 18 | KLRU | AUSTIN TX | 190.0 | PLN | DTVPLN | -NPLN1030 |
| 18 | KZTV-DT | CORPUS CHRISTI TX | 129.0 | PLN | DTVPLN | -DTVP0326 |
| 19 | KTXH-DT | HOUSTON TX | 166.4 | PLN | DTVPLN | -DTVP0373 |
| 19 | KLDO-DT | LAREDO TX | 287.4 | PLN | DTVPLN | -DTVP0374 |
| 19 | KLSBTV | NACOGDOCHES TX | 360.6 | PLN | DTVPLN | -NPLN1059 |
| 20 | KTXH | HOUSTON TX | 166.4 | PLN | DTVPLN | -NPLN1091 |
| 20 | KLRN-DT | SAN ANTONIO TX | 148.7 | PLN | DTVPLN | -DTVP0418 |
| 23 | KEDT-DT | CORPUS CHRISTI TX | 138.3 | PLN | DTVPLN | -DTVP0545 |
| 26 | KRIV | HOUSTON TX | 167.6 | PLN | DTVPLN | -NPLN1292 |
| 27 | KORO-DT | CORPUS CHRISTI TX | 131.8 | PLN | DTVPLN | -DTVP0691 |
| 34 | KVCT-DT | VICTORIA TX | 0.0 | PLN | DTVPLN | -DTVP0958 |

Results for: 19N TX VICTORIA DTVPLN NPLN1060 PLN

| | POPULATION | AREA (sq km) |
|---|---|---|
| within Noise Limited Contour | 116880 | 7760.3 |
| not affected by terrain losses | 116880 | 7760.3 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 0 | 3.0 |
| lost to all IX | 0 | 3.0 |

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---|---|---|---|---|
| 34 | KVCT-DT | VICTORIA TX | DTVPLN | -DTVP0958 |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|---|---|---|---|---|---|---|
| 33 | KVUE-DT | AUSTIN TX | 190.0 | PLN | DTVPLN | -DTVP0918 |
| 33 | KVUE | AUSTIN TX | 189.9 | LIC | BLCDT | -20050624AAI |
| 34 | KITU-TV | BEAUMONT TX | 333.9 | APP | BSTA | -20060607ABL |
| 34 | KITU-TV | BEAUMONT TX | 333.9 | LIC | BLET | -19860724KF |
| 34 | KLUJ-TV | HARLINGEN TX | 295.9 | APP | BPEDT | -19991021ABU |
| 34 | KLUJ-DT | HARLINGEN TX | 295.9 | PLN | DTVPLN | -DTVP0957 |
| 34 | KWBU-TV | WACO TX | 285.1 | LIC | BLET | -20020822ABU |
| 35 | KPRC-DT | HOUSTON TX | 166.8 | PLN | DTVPLN | -DTVP0995 |
| 35 | KMYS | KERRVILLE TX | 209.0 | LIC | BLCT | -20060109AAH |
| 34 | KNIC-CA | SAN ANTONIO TX | 165.4 | APP | USERRECORD | -01 |

Proposal causes no interference

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Analysis of Interference to Affected Station 5

NTSC Baseline Analysis

| Channel | Call | City/State | Application | Ref. No. |
|---|---|---|---|---|
| 35 | KRRT | KERRVILLE TX | DTVPLN | -NPLN1508 |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|---|---|---|---|---|---|---|
| 27 | KXAM-DT | LLANO TX | 122.6 | PLN | DTVPLN | -DTVP0693 |
| 32 | KRRT-DT | KERRVILLE TX | 0.0 | PLN | DTVPLN | -DTVP0884 |
| 33 | KVUE-DT | AUSTIN TX | 131.5 | PLN | DTVPLN | -DTVP0918 |
| 35 | KDFW-DT | DALLAS TX | 377.5 | PLN | DTVPLN | -DTVP0994 |
| 35 | KPRC-DT | HOUSTON TX | 328.1 | PLN | DTVPLN | -DTVP0995 |
| 36 | KXANTV | AUSTIN TX | 132.0 | PLN | DTVPLN | -NPLN1531 |
| 38 | KVDA-DT | SAN ANTONIO TX | 70.8 | PLN | DTVPLN | -DTVP1071 |
| 39 | KWEX-DT | SAN ANTONIO TX | 70.8 | PLN | DTVPLN | -DTVP1108 |
| 42 | KEYETV | AUSTIN TX | 131.4 | PLN | DTVPLN | -NPLN1627 |
| 43 | KEYE-DT | AUSTIN TX | 131.4 | PLN | DTVPLN | -DTVP1244 |
| 49 | KNVA-DT | AUSTIN TX | 132.0 | PLN | DTVPLN | -DTVP1432 |

Results for: 35N TX KERRVILLE — DTVPLN NPLN1508 PLN

| | POPULATION | AREA (sq km) |
|---|---|---|
| within Noise Limited Contour | 1534961 | 33187.3 |
| not affected by terrain losses | 1512292 | 31378.1 |
| lost to NTSC IX | 13367 | 604.7 |
| lost to additional IX by ATV | 8286 | 451.6 |
| lost to all IX | 21653 | 1056.3 |

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---|---|---|---|---|
| 35 | KMYS | KERRVILLE TX | BLCT | -20060109AAH |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|---|---|---|---|---|---|---|
| 27 | KXAM-TV | LLANO TX | 122.6 | CP | BPCDT | -19991018AAV |
| 27 | KXAM-DT | LLANO TX | 122.6 | PLN | DTVPLN | -DTVP0693 |
| 32 | NEW | CONVERSE TX | 54.9 | ADD | BPRM | -19960725AAR |
| 32 | KRRT-DT | KERRVILLE TX | 0.1 | PLN | DTVPLN | -DTVP0884 |
| 32 | KMYS | KERRVILLE TX | 0.0 | CP | BPCDT | -19991029ACH |
| 33 | KVUE-DT | AUSTIN TX | 131.4 | PLN | DTVPLN | -DTVP0918 |
| 33 | KVUE | AUSTIN TX | 131.3 | LIC | BLCDT | -20050624AAI |
| 35 | KDFW-DT | DALLAS TX | 377.5 | PLN | DTVPLN | -DTVP0994 |
| 35 | KPRC-DT | HOUSTON TX | 328.0 | PLN | DTVPLN | -DTVP0995 |
| 36 | KXAN-TV | AUSTIN TX | 131.9 | LIC | BLCT | -19971202KF |
| 38 | KVDA | SAN ANTONIO TX | 70.8 | LIC | BLCDT | -20021015ABQ |
| 38 | KVDA-DT | SAN ANTONIO TX | 70.7 | PLN | DTVPLN | -DTVP1071 |
| 39 | KWEX-TV | SAN ANTONIO TX | 70.8 | LIC | BLCDT | -20040126APA |
| 39 | KWEX-DT | SAN ANTONIO TX | 70.7 | PLN | DTVPLN | -DTVP1108 |
| 42 | KEYE-TV | AUSTIN TX | 131.3 | LIC | BLCT | -20031014ACM |
| 43 | KEYE-DT | AUSTIN TX | 131.3 | PLN | DTVPLN | -DTVP1244 |
| 43 | KEYE-TV | AUSTIN TX | 131.3 | LIC | BLCDT | -20031001BGN |
| 49 | KNVA | AUSTIN TX | 131.9 | CP MOD | BMPCDT | -20060623AAC |
| 49 | KNVA-DT | AUSTIN TX | 131.9 | PLN | DTVPLN | -DTVP1432 |
| 34 | KNIC-CA | SAN ANTONIO TX | 43.7 | APP | USERRECORD | -01 |

Total scenarios = 3

Result key: 11
Scenario 1 Affected station 5 KMYS
Before Analysis

```
Results for: 35N TX KERRVILLE            BLCT      20060109AAH  LIC
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour     1447174      21352.6
   not affected by terrain losses   1439909      20369.1
   lost to NTSC IX                      388         59.8
   lost to additional IX by ATV       13188        370.6
   lost to all IX                     13576        430.4

 Potential Interfering Stations Included in above Scenario     1

36N TX AUSTIN               BLCT      19971202KF   LIC
42N TX AUSTIN               BLCT      20031014ACM  LIC
35A TX DALLAS               DTVPLN    DTVP0994     PLN
35A TX HOUSTON              DTVPLN    DTVP0995     PLN
39A TX SAN ANTONIO          BLCDT     20040126APA  LIC

After Analysis

Results for: 35N TX KERRVILLE            BLCT      20060109AAH  LIC
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour     1447174      21352.6
   not affected by terrain losses   1439909      20369.1
   lost to NTSC IX                     1567         66.7
   lost to additional IX by ATV       13188        369.7
   lost to all IX                     14755        436.3

 Potential Interfering Stations Included in above Scenario     1

36N TX AUSTIN               BLCT      19971202KF   LIC
42N TX AUSTIN               BLCT      20031014ACM  LIC
35A TX DALLAS               DTVPLN    DTVP0994     PLN
35A TX HOUSTON              DTVPLN    DTVP0995     PLN
39A TX SAN ANTONIO          BLCDT     20040126APA  LIC
34N TX SAN ANTONIO          USERRECORD01           APP

Result key:       12
Scenario        2  Affected station        5  KMYS
Before Analysis

Results for: 35N TX KERRVILLE            BLCT      20060109AAH  LIC
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour     1447174      21352.6
   not affected by terrain losses   1439909      20369.1
   lost to NTSC IX                      395         60.8
   lost to additional IX by ATV       13188        370.6
   lost to all IX                     13583        431.4

 Potential Interfering Stations Included in above Scenario     2

32N TX CONVERSE             BPRM      19960725AAR  ADD
36N TX AUSTIN               BLCT      19971202KF   LIC
42N TX AUSTIN               BLCT      20031014ACM  LIC
35A TX DALLAS               DTVPLN    DTVP0994     PLN
35A TX HOUSTON              DTVPLN    DTVP0995     PLN
39A TX SAN ANTONIO          BLCDT     20040126APA  LIC
```

After Analysis

| Results for: 35N TX KERRVILLE | BLCT | 20060109AAH | LIC |
|---|---|---|---|
| | POPULATION | AREA (sq km) | |
| within Noise Limited Contour | 1447174 | 21352.6 | |
| not affected by terrain losses | 1439909 | 20369.1 | |
| lost to NTSC IX | 1574 | 67.7 | |
| lost to additional IX by ATV | 13188 | 369.7 | |
| lost to all IX | 14762 | 437.3 | |

Potential Interfering Stations Included in above Scenario 2

| | | | |
|---|---|---|---|
| 32N TX CONVERSE | BPRM | 19960725AAR | ADD |
| 36N TX AUSTIN | BLCT | 19971202KF | LIC |
| 42N TX AUSTIN | BLCT | 20031014ACM | LIC |
| 35A TX DALLAS | DTVPLN | DTVP0994 | PLN |
| 35A TX HOUSTON | DTVPLN | DTVP0995 | PLN |
| 39A TX SAN ANTONIO | BLCDT | 20040126APA | LIC |
| 34N TX SAN ANTONIO | USERRECORD01 | | APP |

Result key: 13
Scenario 3 Affected station 5 KMYS
Before Analysis

| Results for: 35N TX KERRVILLE | BLCT | 20060109AAH | LIC |
|---|---|---|---|
| | POPULATION | AREA (sq km) | |
| within Noise Limited Contour | 1447174 | 21352.6 | |
| not affected by terrain losses | 1439909 | 20369.1 | |
| lost to NTSC IX | 388 | 59.8 | |
| lost to additional IX by ATV | 13188 | 370.6 | |
| lost to all IX | 13576 | 430.4 | |

Potential Interfering Stations Included in above Scenario 3

| | | | |
|---|---|---|---|
| 36N TX AUSTIN | BLCT | 19971202KF | LIC |
| 42N TX AUSTIN | BLCT | 20031014ACM | LIC |
| 35A TX DALLAS | DTVPLN | DTVP0994 | PLN |
| 35A TX HOUSTON | DTVPLN | DTVP0995 | PLN |
| 39A TX SAN ANTONIO | BLCDT | 20040126APA | LIC |

After Analysis

| Results for: 35N TX KERRVILLE | BLCT | 20060109AAH | LIC |
|---|---|---|---|
| | POPULATION | AREA (sq km) | |
| within Noise Limited Contour | 1447174 | 21352.6 | |
| not affected by terrain losses | 1439909 | 20369.1 | |
| lost to NTSC IX | 1567 | 66.7 | |
| lost to additional IX by ATV | 13188 | 369.7 | |
| lost to all IX | 14755 | 436.3 | |

Potential Interfering Stations Included in above Scenario 3

| | | | |
|---|---|---|---|
| 36N TX AUSTIN | BLCT | 19971202KF | LIC |
| 42N TX AUSTIN | BLCT | 20031014ACM | LIC |
| 35A TX DALLAS | DTVPLN | DTVP0994 | PLN |
| 35A TX HOUSTON | DTVPLN | DTVP0995 | PLN |
| 39A TX SAN ANTONIO | BLCDT | 20040126APA | LIC |

34N TX SAN ANTONIO USERRECORD01 APP

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Analysis of Interference to Affected Station 6

NTSC Baseline Analysis

| Channel | Call | City/State | Application Ref. No. |
|---|---|---|---|
| 41 | KWEXTV | SAN ANTONIO TX | DTVPLN -NPLN1610 |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|---|---|---|---|---|---|
| 33 | KVUE-DT | AUSTIN TX | 122.4 | PLN | DTVPLN -DTVP0918 |
| 34 | KVCT-DT | VICTORIA TX | 138.6 | PLN | DTVPLN -DTVP0958 |
| 38 | KVDA-DT | SAN ANTONIO TX | 0.0 | PLN | DTVPLN -DTVP1071 |
| 39 | KWEX-DT | SAN ANTONIO TX | 0.0 | PLN | DTVPLN -DTVP1108 |
| 41 | KVVV-DT | BAYTOWN TX | 292.9 | PLN | DTVPLN -DTVP1175 |
| 41 | KXAS-DT | FORT WORTH TX | 386.2 | PLN | DTVPLN -DTVP1176 |
| 42 | KEYETV | AUSTIN TX | 122.2 | PLN | DTVPLN -NPLN1627 |
| 43 | KEYE-DT | AUSTIN TX | 122.2 | PLN | DTVPLN -DTVP1244 |
| 48 | KSAT-DT | SAN ANTONIO TX | 2.7 | PLN | DTVPLN -DTVP1402 |
| 49 | KNVA-DT | AUSTIN TX | 122.9 | PLN | DTVPLN -DTVP1432 |
| 55 | KENS-DT | SAN ANTONIO TX | 2.9 | PLN | DTVPLN -DTVP1577 |
| 56 | KTBC-DT | AUSTIN TX | 121.5 | PLN | DTVPLN -DTVP1596 |

Results for: 41N TX SAN ANTONIO DTVPLN NPLN1610 PLN

| | POPULATION | AREA (sq km) |
|---|---|---|
| within Noise Limited Contour | 1493786 | 22966.3 |
| not affected by terrain losses | 1486790 | 22407.6 |
| lost to NTSC IX | 16319 | 325.6 |
| lost to additional IX by ATV | 523 | 2.0 |
| lost to all IX | 16842 | 327.6 |

Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---|---|---|---|
| 41 | KWEX-TV | SAN ANTONIO TX | BLCT -19970331SG |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|---|---|---|---|---|---|
| 33 | KVUE-DT | AUSTIN TX | 122.4 | PLN | DTVPLN -DTVP0918 |
| 33 | KVUE | AUSTIN TX | 122.4 | LIC | BLCDT -20050624AAI |
| 34 | KVCT-DT | VICTORIA TX | 138.6 | PLN | DTVPLN -DTVP0958 |
| 38 | KVDA | SAN ANTONIO TX | 0.0 | LIC | BLCDT -20021015ABQ |
| 38 | KVDA-DT | SAN ANTONIO TX | 0.0 | PLN | DTVPLN -DTVP1071 |
| 39 | KWEX-TV | SAN ANTONIO TX | 0.0 | LIC | BLCDT -20040126APA |
| 39 | KWEX-DT | SAN ANTONIO TX | 0.0 | PLN | DTVPLN -DTVP1108 |
| 41 | KVVV-DT | BAYTOWN TX | 292.9 | PLN | DTVPLN -DTVP1175 |
| 41 | KAZH | BAYTOWN TX | 267.8 | CP | BPCDT -19991101ADZ |
| 41 | KXAS-DT | FORT WORTH TX | 386.2 | PLN | DTVPLN -DTVP1176 |
| 42 | KEYE-TV | AUSTIN TX | 122.4 | LIC | BLCT -20031014ACM |
| 43 | KEYE-DT | AUSTIN TX | 122.2 | PLN | DTVPLN -DTVP1244 |
| 43 | KEYE-TV | AUSTIN TX | 122.4 | LIC | BLCDT -20031001BGN |
| 48 | KSAT-DT | SAN ANTONIO TX | 2.7 | PLN | DTVPLN -DTVP1402 |

| | | | | | | |
|---|---|---|---|---|---|---|
| 49 | KNVA | AUSTIN TX | 122.9 | CP MOD | BMPCDT | -20060623AAC |
| 49 | KNVA-DT | AUSTIN TX | 122.9 | PLN | DTVPLN | -DTVP1432 |
| 55 | KENS-DT | SAN ANTONIO TX | 2.9 | PLN | DTVPLN | -DTVP1577 |
| 56 | KTBC-DT | AUSTIN TX | 121.5 | PLN | DTVPLN | -DTVP1596 |
| 34 | KNIC-CA | SAN ANTONIO TX | 27.1 | APP | USERRECORD-01 | |

Proposal causes no interference

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Analysis of Interference to Affected Station 7

Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---|---|---|---|
| 34 | KNIC-CA | SAN ANTONIO TX | USERRECORD-01 |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|---|---|---|---|---|---|
| 27 | KXAM-TV | LLANO TX | 139.0 | CP | BPCDT -19991018AAV |
| 27 | KXAM-DT | LLANO TX | 139.0 | PLN | DTVPLN -DTVP0693 |
| 30 | KABB | SAN ANTONIO TX | 26.4 | CP | BPCDT -19991028AAR |
| 30 | KABB-DT | SAN ANTONIO TX | 26.4 | PLN | DTVPLN -DTVP0805 |
| 32 | KRRT-DT | KERRVILLE TX | 43.7 | PLN | DTVPLN -DTVP0884 |
| 32 | KMYS | KERRVILLE TX | 43.7 | CP | BPCDT -19991029ACH |
| 33 | KVUE-DT | AUSTIN TX | 119.6 | PLN | DTVPLN -DTVP0918 |
| 33 | KVUE | AUSTIN TX | 119.5 | LIC | BLCDT -20050624AAI |
| 34 | K34FM | AUSTIN TX | 119.7 | LIC | BLTT -20061002BGB |
| 34 | KUTW-LP | COLLEGE STATION TX | 226.8 | CP | BPTTL -20050523ACA |
| 34 | KLUJ-TV | HARLINGEN TX | 363.7 | APP | BPEDT -19991021ABU |
| 34 | KLUJ-DT | HARLINGEN TX | 363.7 | PLN | DTVPLN -DTVP0957 |
| 34 | KVCT-DT | VICTORIA TX | 165.4 | PLN | DTVPLN -DTVP0958 |
| 34 | KWBU-TV | WACO TX | 237.5 | LIC | BLET -20020822ABU |
| 35 | KMYS | KERRVILLE TX | 43.7 | LIC | BLCT -20060109AAH |
| 38 | KVDA | SAN ANTONIO TX | 27.1 | LIC | BLCDT -20021015ABQ |
| 38 | KVDA-DT | SAN ANTONIO TX | 27.1 | PLN | DTVPLN -DTVP1071 |
| 48 | KSAT-DT | SAN ANTONIO TX | 28.7 | PLN | DTVPLN -DTVP1402 |
| 49 | KNVA | AUSTIN TX | 120.1 | CP MOD | BMPCDT -20060623AAC |
| 49 | KNVA-DT | AUSTIN TX | 120.1 | PLN | DTVPLN -DTVP1432 |

Total scenarios = 1

Result key: 14
Scenario 1 Affected station 7 KNIC-CA
Before Analysis

Results for: 34N TX SAN ANTONIO USERRECORD01 APP

| | POPULATION | AREA (sq km) |
|---|---|---|
| within Noise Limited Contour | 790263 | 903.7 |
| not affected by terrain losses | 790263 | 903.7 |
| lost to NTSC IX | 192580 | 329.4 |
| lost to additional IX by ATV | 0 | 0.0 |
| lost to all IX | 192580 | 329.4 |

Potential Interfering Stations Included in above Scenario 1

35N TX KERRVILLE BLCT 20060109AAH LIC

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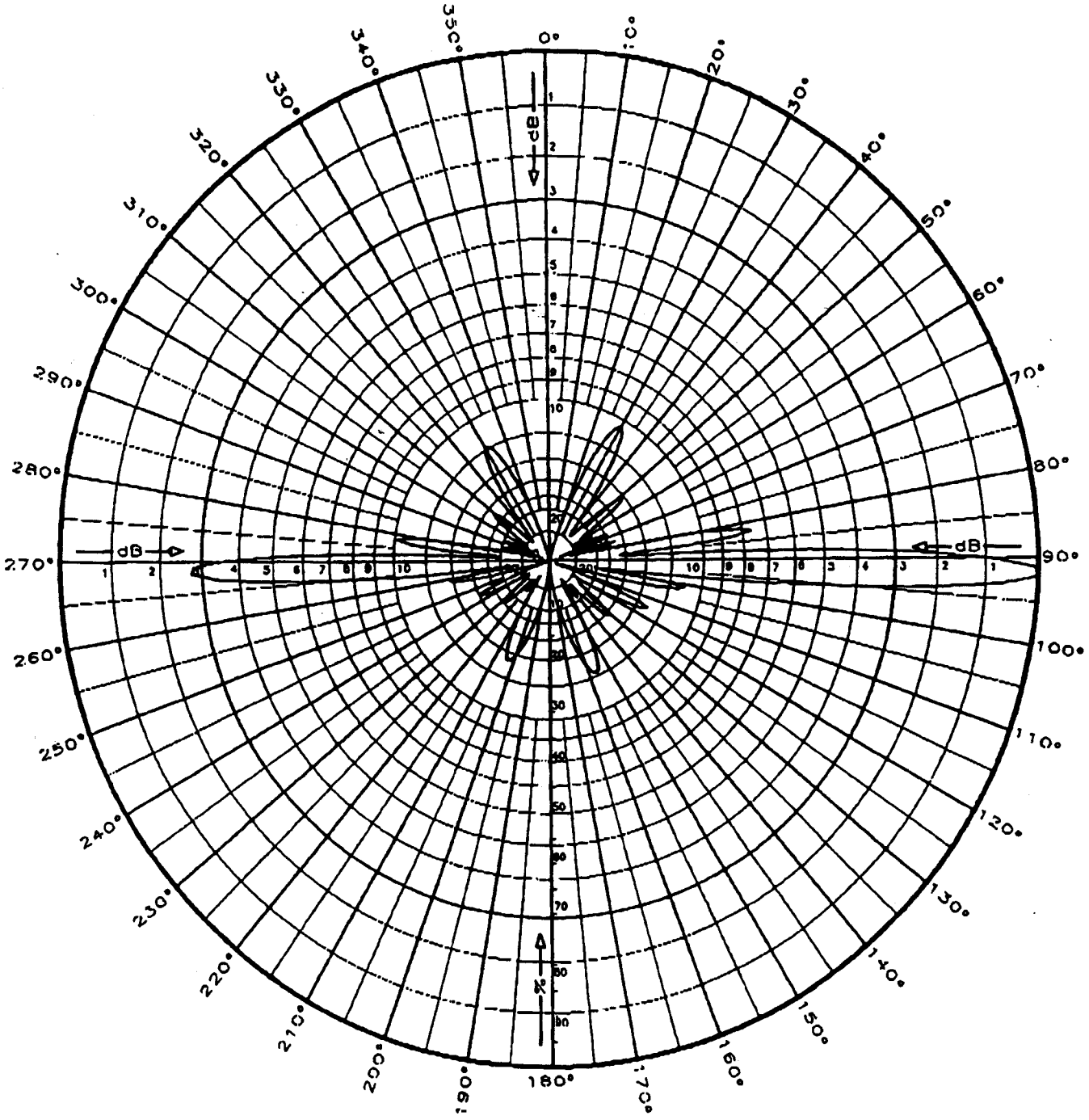
## Summary of the OET-69 Calculations

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1 | 19 | KOBS-LP | SAN ANTONIO TX | 1.9 | CP | BDISTTL | -20060320ADY |
| 2 | 19 | KOBS-LP | SAN ANTONIO TX | 1.9 | APP | BDISTTL | -20060320AAJ |
| 3 | 19 | K60GE | SAN ANTONIO TX | 43.7 | APP | BPTTL | -20021007ACB |
| 4 | 34 | KVCT-DT | VICTORIA TX | 165.4 | PLN | DTVPLN | -DTVP0958 |
| 5 | 35 | KMYS | KERRVILLE TX | 43.7 | LIC | BLCT | -20060109AAH |
| 6 | 41 | KWEX-TV | SAN ANTONIO TX | 27.1 | LIC | BLCT | -19970331SG |

| Result Key | Scenario | Affected Station | Before | After | Baseline | Net Change | Percentage |
|---|---|---|---|---|---|---|---|
| 1 | 1 | 1 | 49645 | 50310 | 1030497 | 665 | 0.065 |
| 4 | 1 | 2 | 49645 | 50310 | 1030497 | 665 | 0.065 |
| 7 | 1 | 3 | 989261 | 989261 | 1027929 | 0 | 0 |
| There is no interference to station 4 | | | | | | | |
| 11 | 1 | 5 | 13576 | 14755 | 1447174 | 1179 | 0.081 |
| There is no interference to station 6 | | | | | | | |




ONE SCALA SL-8 PARASLOT
WITH 1.75 DEGREE DOWNTILT
ANY SPECIFIED UHF-TV CHANNEL
GAIN: 11.4 dBd.
POWER GAIN: 13.8
HORIZONTAL POLARIZATION
VERTICAL PLANE PATTERN

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ELECTRONIC CORPORATION
MEDFORD, OREGON (USA)
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FAX: (503) 779-3991

FORM: E-100-01 REV: 15/FEB/91