

Census data selected: 2000

Post DTV Transition Database Selected

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 06-08-2011 Time: 14:33:03

Record Selected for Analysis

KRZG-CA BSFDTL -20200608AAA MCALLEN TX US
Channel 35 ERP 1 kW HAAT 100 m RCAMSL 131 m STRINGENT MASK
Latitude 26 -15-23 Longitude 98 -13-49
Status APP Zone 0 Border
Dir Antenna Make CDB Model 00000000017655 Beam tilt N Ref Azimuth 30
Last update 00000000 Cutoff date 00000000 Docket
Comments
Applicant MAKO

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) | 51.0 dBu F(50,90) (km) |
|------------------|-------------|-------------|---------------------------|
| 0.0 | 0.314 | 94.9 | 22.3 |
| 45.0 | 0.102 | 102.5 | 17.2 |
| 90.0 | 1.000 | 102.9 | 29.4 |
| 135.0 | 0.207 | 99.9 | 20.6 |
| 180.0 | 0.040 | 98.8 | 13.1 |
| 225.0 | 0.055 | 97.2 | 14.0 |
| 270.0 | 0.053 | 85.0 | 13.1 |
| 315.0 | 0.828 | 81.8 | 25.8 |

Contour Overlap to Proposed Station

Station
KRZG-CA 35 MCALLEN TX BPTTA20010119AFP

Station inside contour of Digital LPTV station
KRZG-CA 35 MCALLEN TX BSFDTL 20200608AAA

Station
KRZG-CA 35 MCALLEN TX BLTTL19990326JA

Station inside contour of Digital LPTV station
KRZG-CA 35 MCALLEN TX BSFDTL 20200608AAA

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 within the Mexican coordination distance
Distance to border = 15.7km

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

| Channel | Proposed Station Call | City/State | ARN |
|---------|--------------------------|------------|--------------------|
| 35 | KRZG-CA | MCALLEN TX | BSFDTL 20200608AAA |

Stations Potentially Affected by Proposed Station

| Chan No. | Call | City/State | Dist(km) | Status | Application | Ref. |
|-------------|---------|-------------------|----------|--------|-------------|------|
| 28 | KJST-LP | MCALLEN TX | 0.0 | LIC | BLTTL | - |
| 19990218JB | | | | | | |
| 32 | KTFV-CA | MCALLEN TX | 6.9 | CP | BPTTA | - |
| 20070103AAU | | | | | | |
| 32 | KTFV-CA | MCALLEN TX | 0.0 | LIC | BLTTL | - |
| 19980622JE | | | | | | |
| 34 | KAEU-LP | ALICE TX | 163.1 | LIC | BLTTL | - |
| 20080801AOL | | | | | | |
| 34 | KYDF-LP | CORPUS CHRISTI TX | 190.6 | LIC | BLTTL | - |
| 20071003AAH | | | | | | |
| 34 | KLUJ-TV | HARLINGEN TX | 45.1 | LIC | BLEDT | - |
| 20070402KPK | | | | | | |
| 35 | KHCC-LP | CORPUS CHRISTI TX | 183.2 | LIC | BLTTL | - |
| 19990503JG | | | | | | |
| 35 | KRZG-CA | MCALLEN TX | 0.0 | APP | BPTTA | - |
| 20010119AFP | | | | | | |
| 35 | KRZG-CA | MCALLEN TX | 0.0 | LIC | BLTTL | - |
| 19990326JA | | | | | | |
| 35 | NEW | VICTORIA TX | 309.0 | APP | BNPDTL | - |
| 20090825APJ | | | | | | |

39 KBDF-LP BROWNSVILLE TX 75.4 APP BDISTTL -
20060214ACP

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Analysis of Interference to Affected Station 1

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|---------|------------|-------------|-------------|
| 28 | KJST-LP | MCALLEN TX | BLTTL | -19990218JB |

Stations Potentially Affecting This Station

| Chan No. | Call | City/State | Dist(km) | Status | Application | Ref. |
|-------------|---------|-------------------|----------|--------|-------------|------|
| 24 | KVEO-TV | BROWNSVILLE TX | 42.7 | LIC | BLCDT | - |
| 20050630AGL | | | | | | |
| 24 | KVEO | BROWNSVILLE TX | 42.7 | PLN | DTVPLN | - |
| DTVP0891 | | | | | | |
| 27 | KBDF-LP | BROWNSVILLE TX | 75.4 | APP | BDISDTL | - |
| 20090630AAX | | | | | | |
| 27 | KXOF-CA | LAREDO TX | 187.7 | APP | BDISDTA | - |
| 20090626ABU | | | | | | |
| 27 | NEW | MCALLEN TX | 6.9 | APP | BDCCDTL | - |
| 20070411AAQ | | | | | | |
| 28 | NEW | CORPUS CHRISTI TX | 187.2 | APP | BNPDTL | - |
| 20090825ALD | | | | | | |
| 28 | KXTS-LP | VICTORIA TX | 307.6 | APP | BDISDTL | - |
| 20091207ACC | | | | | | |
| 28 | KXTS-LP | VICTORIA TX | 307.6 | APP | BDFCDTL | - |
| 20090824AHV | | | | | | |
| 29 | K29IP-D | CORPUS CHRISTI TX | 187.2 | LIC | BLDTL | - |
| 20090210AAU | | | | | | |
| 31 | KGBT-TV | HARLINGEN TX | 42.5 | LIC | BLCDT | - |
| 20030619ABF | | | | | | |
| 31 | KGBT-TV | HARLINGEN TX | 42.5 | PLN | DTVPLN | - |
| DTVP1151 | | | | | | |
| 35 | KRZG-CA | MCALLEN TX | 0.0 | APP | BSFDTL | - |
| 20200608AAA | | | | | | |

Proposal causes no interference

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Analysis of Interference to Affected Station 2

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|---------|------------|-------------|--------------|
| 32 | KTFV-CA | MCALLEN TX | BPTTA | -20070103AAU |

Stations Potentially Affecting This Station

| Chan No. | Call | City/State | Dist(km) | Status | Application | Ref. |
|---------------------------------|---------|---------------------|----------|--------|-------------|------|
| 24 | KVEO-TV | BROWNSVILLE TX | 36.5 | LIC | BLCDT | - |
| 20050630AGL | | | | | | |
| 24 | KVEO | BROWNSVILLE TX | 36.5 | PLN | DTVPLN | - |
| DTVP0891 | | | | | | |
| 31 | NEW | CORPUS CHRISTI TX | 184.6 | APP | BDCCDTL | - |
| 20061002BPV | | | | | | |
| 31 | KGBT-TV | HARLINGEN TX | 35.9 | LIC | BLCDT | - |
| 20030619ABF | | | | | | |
| 31 | KGBT-TV | HARLINGEN TX | 35.9 | PLN | DTVPLN | - |
| DTVP1151 | | | | | | |
| 31 | K31KK-D | KINGSVILLE-ALICE TX | 159.0 | CP | BDCCDTL | - |
| 20081202ABH | | | | | | |
| 31 | KETF-CA | LAREDO TX | 192.5 | CP | BDISDTA | - |
| 20090626ABT | | | | | | |
| 31 | KETF-CA | LAREDO TX | 192.5 | APP | BSTA | - |
| 20090701AAM | | | | | | |
| 32 | K47DF | CORPUS CHRISTI TX | 179.6 | APP | BMJPTTA | - |
| 20030326AHE | | | | | | |
| 32 | KMYS | KERRVILLE TX | 379.8 | LIC | BLCDT | - |
| 20060608ACW | | | | | | |
| 32 | KMYS | KERRVILLE TX | 379.8 | PLN | DTVPLN | - |
| DTVP1191 | | | | | | |
| 32 | K38EB | KINGSVILLE-ALICE TX | 159.0 | APP | BSTA | - |
| 20080208AEL | | | | | | |
| 32 | K38EB | KINGSVILLE/ALICE TX | 159.0 | APP | BDISTTL | - |
| 20071220AAU | | | | | | |
| 33 | NEW | CORPUS CHRISTI TX | 187.6 | APP | BNPDTL | - |
| 20090825AVD | | | | | | |
| 33 | NEW | CORPUS CHRISTI TX | 184.6 | APP | BNPDTL | - |
| 20090825ALB | | | | | | |
| 34 | KLUJ-TV | HARLINGEN TX | 38.3 | LIC | BLEDT | - |
| 20070402KPK | | | | | | |
| 34 | KLUJ-TV | HARLINGEN TX | 38.3 | PLN | DTVPLN | - |
| DTVP1267 | | | | | | |
| 40 | KTLM-DR | RIO GRANDE CITY TX | 56.8 | APP | BPRM | - |
| 20080620AOA | | | | | | |
| 40 | KTLM | RIO GRANDE CITY TX | 56.8 | PLN | DTVPLN | - |
| DTVP1449 | | | | | | |
| 40 | KTLM | RIO GRANDE CITY TX | 56.8 | CP MOD | BMPCDT | - |
| 20090304ABG | | | | | | |
| 47 | NEW | MCALLEN TX | 6.9 | APP | BDCCDTL | - |
| 20061027AEB | | | | | | |
| 35 | KRZG-CA | MCALLEN TX | 6.9 | APP | BSFDTL | - |
| 20200608AAA | | | | | | |
| Proposal causes no interference | | | | | | |

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Analysis of current record

| | | | |
|---------|---------|------------|----------------------|
| Channel | Call | City/State | Application Ref. No. |
| 32 | KTFV-CA | MCALLEN TX | BLTTTL -19980622JE |

Stations Potentially Affecting This Station

| Chan No. | Call | City/State | Dist(km) | Status | Application Ref. |
|-------------|---------|---------------------|----------|--------|------------------|
| 24 | KVEO-TV | BROWNSVILLE TX | 42.7 | LIC | BLCDT - |
| 20050630AGL | | | | | |
| 24 | KVEO | BROWNSVILLE TX | 42.7 | PLN | DTVPLN - |
| DTVP0891 | | | | | |
| 31 | NEW | CORPUS CHRISTI TX | 187.2 | APP | BDCCDTL - |
| 20061002BPV | | | | | |
| 31 | KGBT-TV | HARLINGEN TX | 42.5 | LIC | BLCDT - |
| 20030619ABF | | | | | |
| 31 | KGBT-TV | HARLINGEN TX | 42.5 | PLN | DTVPLN - |
| DTVP1151 | | | | | |
| 31 | K31KK-D | KINGSVILLE-ALICE TX | 160.1 | CP | BDCCDTL - |
| 20081202ABH | | | | | |
| 31 | KETF-CA | LAREDO TX | 187.7 | CP | BDISDTA - |
| 20090626ABT | | | | | |
| 31 | KETF-CA | LAREDO TX | 187.7 | APP | BSTA - |
| 20090701AAM | | | | | |
| 32 | K47DF | CORPUS CHRISTI TX | 182.5 | APP | BMJPTTA - |
| 20030326AHE | | | | | |
| 32 | KMYS | KERRVILLE TX | 378.4 | LIC | BLCDT - |
| 20060608ACW | | | | | |
| 32 | KMYS | KERRVILLE TX | 378.4 | PLN | DTVPLN - |
| DTVP1191 | | | | | |
| 32 | K38EB | KINGSVILLE-ALICE TX | 160.1 | APP | BSTA - |
| 20080208AEL | | | | | |
| 32 | K38EB | KINGSVILLE/ALICE TX | 160.1 | APP | BDISTTL - |
| 20071220AAU | | | | | |
| 33 | NEW | CORPUS CHRISTI TX | 190.3 | APP | BNPDTL - |
| 20090825AVD | | | | | |
| 33 | NEW | CORPUS CHRISTI TX | 187.2 | APP | BNPDTL - |
| 20090825ALB | | | | | |
| 34 | KLUJ-TV | HARLINGEN TX | 45.1 | LIC | BLEDT - |
| 20070402KPK | | | | | |
| 34 | KLUJ-TV | HARLINGEN TX | 45.1 | PLN | DTVPLN - |
| DTVP1267 | | | | | |
| 40 | KTLM-DR | RIO GRANDE CITY TX | 51.0 | APP | BPRM - |
| 20080620AOA | | | | | |
| 40 | KTLM | RIO GRANDE CITY TX | 51.0 | PLN | DTVPLN - |
| DTVP1449 | | | | | |
| 40 | KTLM | RIO GRANDE CITY TX | 51.0 | CP MOD | BMPCDT - |
| 20090304ABG | | | | | |
| 47 | NEW | MCALLEN TX | 0.0 | APP | BDCCDTL - |
| 20061027AEB | | | | | |
| 35 | KRZG-CA | MCALLEN TX | 0.0 | APP | BSFDTL - |
| 20200608AAA | | | | | |

Proposal causes no interference

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Analysis of Interference to Affected Station 4

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|---------|------------|-------------|--------------|
| 34 | KAEU-LP | ALICE TX | BLTTL | -20080801AOL |

Stations Potentially Affecting This Station

| Chan No. | Call | City/State | Dist(km) | Status | Application | Ref. |
|----------|---------|-------------------|----------|--------|-------------|------|
| 27 | KORO | CORPUS CHRISTI TX | 62.8 | LIC | BLCDT | - |
| 20060626 | ACE | | | | | |
| 27 | KORO | CORPUS CHRISTI TX | 62.8 | PLN | DTVPLN | - |
| DTVP1004 | | | | | | |
| 33 | NEW | CORPUS CHRISTI TX | 86.3 | APP | BNPDTL | - |
| 20090825 | AVD | | | | | |
| 33 | NEW | CORPUS CHRISTI TX | 81.0 | APP | BNPDTL | - |
| 20090825 | ALB | | | | | |
| 33 | K38IG | VICTORIA TX | 173.2 | CP | BDISDTL | - |
| 20090915 | ADQ | | | | | |
| 34 | K34FM | AUSTIN TX | 292.4 | APP | BDFCDTT | - |
| 20060331 | BGL | | | | | |
| 34 | KYDF-LP | CORPUS CHRISTI TX | 86.9 | LIC | BLTTL | - |
| 20071003 | AAH | | | | | |
| 34 | KLUJ-TV | HARLINGEN TX | 174.4 | LIC | BLEDT | - |
| 20070402 | KPK | | | | | |
| 34 | KLUJ-TV | HARLINGEN TX | 174.4 | PLN | DTVPLN | - |
| DTVP1267 | | | | | | |
| 34 | NEW | SAN ANTONIO TX | 192.4 | APP | BSFDTL | - |
| 20060630 | CKH | | | | | |
| 34 | KTJA-LD | VICTORIA TX | 173.2 | CP | BDCCDTL | - |
| 20070418 | ACT | | | | | |
| 35 | NEW | VICTORIA TX | 176.2 | APP | BNPDTL | - |
| 20090825 | APJ | | | | | |
| 38 | KUQI | CORPUS CHRISTI TX | 65.4 | CP | BPCDT | - |
| 20081202 | ABI | | | | | |
| 38 | KUQI | CORPUS CHRISTI TX | 65.4 | PLN | DTVPLN | - |
| DTVP1376 | | | | | | |
| 49 | KCBO-LP | CORPUS CHRISTI TX | 86.4 | CP | BDFCDTL | - |
| 20080429 | ABA | | | | | |
| 35 | KRZG-CA | MCALLEN TX | 163.1 | APP | BSFDTL | - |
| 20200608 | AAA | | | | | |

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 5

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|---------|-------------------|-------------|--------------|
| 34 | KYDF-LP | CORPUS CHRISTI TX | BLTTL | -20071003AAH |

Stations Potentially Affecting This Station

| Chan No. | Call | City/State | Dist(km) | Status | Application | Ref. |
|----------|---------|-------------------|----------|--------|-------------|------|
| 27 | KORO | CORPUS CHRISTI TX | 25.9 | LIC | BLCDT | - |
| 20060626 | ACE | | | | | |
| 27 | KORO | CORPUS CHRISTI TX | 25.9 | PLN | DTVPLN | - |
| DTVP1004 | | | | | | |
| 33 | NEW | CORPUS CHRISTI TX | 0.5 | APP | BNPDTL | - |
| 20090825 | AVD | | | | | |
| 33 | NEW | CORPUS CHRISTI TX | 5.9 | APP | BNPDTL | - |
| 20090825 | ALB | | | | | |
| 33 | K38IG | VICTORIA TX | 116.4 | CP | BDISDTL | - |
| 20090915 | ADQ | | | | | |
| 34 | KAEU-LP | ALICE TX | 86.9 | LIC | BLTTL | - |
| 20080801 | AOL | | | | | |
| 34 | K34FM | AUSTIN TX | 283.2 | APP | BDFCDTT | - |
| 20060331 | BGL | | | | | |
| 34 | KLUJ-TV | HARLINGEN TX | 180.1 | LIC | BLEDT | - |
| 20070402 | KPK | | | | | |
| 34 | KLUJ-TV | HARLINGEN TX | 180.1 | PLN | DTVPLN | - |
| DTVP1267 | | | | | | |
| 34 | NEW | SAN ANTONIO TX | 212.5 | APP | BSFDTL | - |
| 20060630 | CKH | | | | | |
| 34 | KTJA-LD | VICTORIA TX | 116.4 | CP | BDCCDTL | - |
| 20070418 | ACT | | | | | |
| 35 | KHCC-LP | CORPUS CHRISTI TX | 8.1 | LIC | BLTTL | - |
| 19990503 | JG | | | | | |
| 35 | NEW | VICTORIA TX | 118.6 | APP | BNPDTL | - |
| 20090825 | APJ | | | | | |
| 38 | KUQI | CORPUS CHRISTI TX | 21.7 | CP | BPCDT | - |
| 20081202 | ABI | | | | | |
| 38 | KUQI | CORPUS CHRISTI TX | 21.7 | PLN | DTVPLN | - |
| DTVP1376 | | | | | | |
| 49 | KCBO-LP | CORPUS CHRISTI TX | 0.6 | CP | BDFCDTL | - |
| 20080429 | ABA | | | | | |
| 49 | KCBO-LP | CORPUS CHRISTI TX | 0.6 | LIC | BLTTL | - |
| 20070122 | AAV | | | | | |
| 35 | KRZG-CA | MCALLEN TX | 190.6 | APP | BSFDTL | - |
| 20200608 | AAA | | | | | |

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 6

Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---------|---------|--------------|----------------------|
| 34 | KLUJ-TV | HARLINGEN TX | BLEDT -20070402KPK |

Stations Potentially Affecting This Station

| Chan No. | Call | City/State | Dist(km) | Status | Application Ref. |
|-------------|---------|------------|----------|--------|------------------|
| 35 | KRZG-CA | MCALLEN TX | 45.1 | APP | BSFDTL - |
| 20200608AAA | | | | | |

Total scenarios = 1

Result key: 1
Scenario 1 Affected station 6 KLUJ-TV
Before Analysis

Results for: 34A TX HARLINGEN BLEDT 20070402KPK LIC
HAAT 283.0 m, ATV ERP 45.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 917886 | 13468.6 |
| not affected by terrain losses | 917886 | 13468.6 |
| 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 |

Potential Interfering Stations Included in above Scenario 1

After Analysis

Results for: 34A TX HARLINGEN BLEDT 20070402KPK LIC
HAAT 283.0 m, ATV ERP 45.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 917886 | 13468.6 |
| not affected by terrain losses | 917886 | 13468.6 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 1579 | 1.0 |
| lost to ATV IX only | 1579 | 1.0 |
| lost to all IX | 1579 | 1.0 |

Potential Interfering Stations Included in above Scenario 1

35A TX MCALLEN BSFDTL 20200608AAA APP

Percent new IX = 0.1720%

Worst case new IX 0.1720% Scenario 1

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Analysis of Interference to Affected Station 7

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|---------|-------------------|-------------|-------------|
| 35 | KHCC-LP | CORPUS CHRISTI TX | BLTTL | -19990503JG |

Stations Potentially Affecting This Station

| Chan No. | Call | City/State | Dist(km) | Status | Application | Ref. |
|---------------------------------|---------|-------------------|----------|--------|-------------|------|
| 27 | KORO | CORPUS CHRISTI TX | 18.2 | LIC | BLCDT | - |
| 20060626ACE | | | | | | |
| 27 | KORO | CORPUS CHRISTI TX | 18.2 | PLN | DTVPLN | - |
| DTVP1004 | | | | | | |
| 34 | KYDF-LP | CORPUS CHRISTI TX | 8.1 | LIC | BLTTL | - |
| 20071003AAH | | | | | | |
| 34 | KTJA-LD | VICTORIA TX | 123.6 | CP | BDCCDTL | - |
| 20070418ACT | | | | | | |
| 35 | KPRC-TV | HOUSTON TX | 277.7 | LIC | BLCDT | - |
| 19991022ABJ | | | | | | |
| 35 | KPRC-TV | HOUSTON TX | 277.7 | PLN | DTVPLN | - |
| DTVP1303 | | | | | | |
| 35 | KRZG-CA | MCALLEN TX | 183.2 | APP | BPTTA | - |
| 20010119AFP | | | | | | |
| 35 | NEW | VICTORIA TX | 125.9 | APP | BNPDTL | - |
| 20090825APJ | | | | | | |
| 36 | NEW | VICTORIA TX | 121.9 | APP | BNPDTL | - |
| 20090825BTE | | | | | | |
| 38 | KUQI | CORPUS CHRISTI TX | 15.0 | CP | BPCDT | - |
| 20081202ABI | | | | | | |
| 38 | KUQI | CORPUS CHRISTI TX | 15.0 | PLN | DTVPLN | - |
| DTVP1376 | | | | | | |
| 50 | KTMV-LP | CORPUS CHRISTI TX | 0.0 | CP | BPTTL | - |
| 20041220AAE | | | | | | |
| 35 | KRZG-CA | MCALLEN TX | 183.2 | APP | BSFDTL | - |
| 20200608AAA | | | | | | |
| Proposal causes no interference | | | | | | |

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Analysis of Interference to Affected Station 8

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|---------|------------|-------------|--------------|
| 35 | KRZG-CA | MCALLEN TX | BPTTA | -20010119AFP |

Stations Potentially Affecting This Station

| Chan No. | Call | City/State | Dist(km) | Status | Application | Ref. |
|-------------|---------|-----------------|----------|--------|-------------|------|
| 31 | KGBT-TV | HARLINGEN TX | 42.5 | LIC | BLCDT | - |
| 20030619ABF | | | | | | |
| 31 | KGBT-TV | HARLINGEN TX | 42.5 | PLN | DTVPLN | - |
| DTVP1151 | | | | | | |
| 34 | KLUJ-TV | HARLINGEN TX | 45.1 | LIC | BLEDT | - |
| 20070402KPK | | | | | | |
| 34 | KLUJ-TV | HARLINGEN TX | 45.1 | PLN | DTVPLN | - |
| DTVP1267 | | | | | | |
| 35 | NEW | VICTORIA TX | 309.0 | APP | BNPDTL | - |
| 20090825APJ | | | | | | |
| 38 | KMBH | HARLINGEN TX | 43.5 | LIC | BLEDT | - |
| 20031023ABO | | | | | | |
| 38 | KMBH | HARLINGEN TX | 43.5 | PLN | DTVPLN | - |
| DTVP1377 | | | | | | |
| 49 | KNVO | MCALLEN TX | 25.1 | LIC | BLCDT | - |
| 20060626ABJ | | | | | | |
| 49 | KNVO | MCALLEN TX | 25.1 | PLN | DTVPLN | - |
| DTVP1752 | | | | | | |
| 50 | KMAO-LP | RAYMONDVILLE TX | 48.6 | LIC | BLTTL | - |
| 19980722JG | | | | | | |
| 50 | KMAO-LP | RAYMONDVILLE TX | 53.3 | APP | BSTA | - |
| 20070330AQJ | | | | | | |
| 35 | KRZG-CA | MCALLEN TX | 0.0 | APP | BSFDTL | - |
| 20200608AAA | | | | | | |

Total scenarios = 1

Result key: 2
Scenario 1 Affected station 8 KRZG-CA
Before Analysis

| Results for: 35N TX MCALLEN | BPTTA | 20010119AFP | APP |
|--------------------------------|------------|--------------|-----|
| | POPULATION | AREA (sq km) | |
| within Noise Limited Contour | 525096 | 2499.6 | |
| not affected by terrain losses | 525096 | 2499.6 | |
| 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

After Analysis

| Results for: 35N TX MCALLEN | BPTTA | 20010119AFP | APP |
|--------------------------------|------------|--------------|-----|
| | POPULATION | AREA (sq km) | |
| within Noise Limited Contour | 525096 | 2499.6 | |
| not affected by terrain losses | 525096 | 2499.6 | |
| lost to NTSC IX | 0 | 0.0 | |
| lost to additional IX by ATV | 379381 | 2010.1 | |
| lost to all IX | 379381 | 2010.1 | |

Potential Interfering Stations Included in above Scenario 1

35A TX MCALLEN BSFDTL 20200608AAA APP

The following station failed the de minimis interference criteria.

35D TX MCALLEN BSFDTL 20200608AAA
ERP 1.00 kW HAAT 100.0 m RCAMSL 131.0 m
Antenna CDB 00000000017655

Due to interference to the following station and scenario: 1

35N TX MCALLEN BPTTA 20010119AFP
ERP 150.00 kW HAAT 999.0 m RCAMSL 130.0 m
Antenna CDB 999999999999999

Percent new DTV interference without proposal: 0.0 BPTTA
20010119AFP

Percent new DTV interference with proposal: 72.2 BPTTA
20010119AFP

Worst case new IX 72.2498% Scenario 1

Proposed station is MX

35A TX MCALLEN BSFDTL 20200608AAA APP
35N TX MCALLEN BPTTA 20010119AFP APP

Proposal MX with BPTTA 20010119AFP scenario 1 of station 8

#####

Analysis of Interference to Affected Station 9

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|---------|------------|-------------|-------------|
| 35 | KRZG-CA | MCALLEN TX | BLTTL | -19990326JA |

Stations Potentially Affecting This Station

| Chan No. | Call | City/State | Dist(km) | Status | Application | Ref. |
|-------------|---------|--------------|----------|--------|-------------|------|
| 31 | KGBT-TV | HARLINGEN TX | 42.5 | LIC | BLCDT | - |
| 20030619ABF | | | | | | |
| 31 | KGBT-TV | HARLINGEN TX | 42.5 | PLN | DTVPLN | - |
| DTVP1151 | | | | | | |
| 34 | KLUJ-TV | HARLINGEN TX | 45.1 | LIC | BLEDT | - |
| 20070402KPK | | | | | | |
| 34 | KLUJ-TV | HARLINGEN TX | 45.1 | PLN | DTVPLN | - |
| DTVP1267 | | | | | | |
| 35 | NEW | VICTORIA TX | 309.0 | APP | BNPDTL | - |
| 20090825APJ | | | | | | |

| | | | | | | |
|-------------|---------|--------------|------|-----|--------|---|
| 38 | KMBH | HARLINGEN TX | 43.5 | LIC | BLEDT | - |
| 20031023ABO | | | | | | |
| 38 | KMBH | HARLINGEN TX | 43.5 | PLN | DTVPLN | - |
| DTVP1377 | | | | | | |
| 49 | KNVO | MCALLEN TX | 25.1 | LIC | BLCDT | - |
| 20060626ABJ | | | | | | |
| 49 | KNVO | MCALLEN TX | 25.1 | PLN | DTVPLN | - |
| DTVP1752 | | | | | | |
| 35 | KRZG-CA | MCALLEN TX | 0.0 | APP | BSFDTL | - |
| 20200608AAA | | | | | | |

Total scenarios = 1

Result key: 3
 Scenario 1 Affected station 9 KRZG-CA
 Before Analysis

| Results for: 35N TX MCALLEN | BLTTTL | 19990326JA | LIC |
|--------------------------------|------------|--------------|-----|
| | POPULATION | AREA (sq km) | |
| within Noise Limited Contour | 220196 | 377.1 | |
| not affected by terrain losses | 220196 | 377.1 | |
| 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

After Analysis

| Results for: 35N TX MCALLEN | BLTTTL | 19990326JA | LIC |
|--------------------------------|------------|--------------|-----|
| | POPULATION | AREA (sq km) | |
| within Noise Limited Contour | 220196 | 377.1 | |
| not affected by terrain losses | 220196 | 377.1 | |
| lost to NTSC IX | 0 | 0.0 | |
| lost to additional IX by ATV | 220196 | 377.1 | |
| lost to all IX | 220196 | 377.1 | |

Potential Interfering Stations Included in above Scenario 1

35A TX MCALLEN BSFDTL 20200608AAA APP

The following station failed the de minimis interference criteria.

35D TX MCALLEN BSFDTL 20200608AAA
 ERP 1.00 kW HAAT 100.0 m RCAMSL 131.0 m
 Antenna CDB 00000000017655

Due to interference to the following station and scenario: 1

35N TX MCALLEN BLTTTL 19990326JA
 ERP 14.00 kW HAAT 107.0 m RCAMSL 131.0 m
 Antenna CDB 00000000017655

Percent new DTV interference without proposal: 0.0 BLTTL
19990326JA
Percent new DTV interference with proposal: 100.0 BLTTL
19990326JA

Worst case new IX 100.0000% Scenario 1

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Analysis of Interference to Affected Station 10

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|------|-------------|-------------|--------------|
| 35 | NEW | VICTORIA TX | BNPDTL | -20090825APJ |

Stations Potentially Affecting This Station

| Chan No. | Call | City/State | Dist(km) | Status | Application | Ref. |
|-------------|---------|--------------------|----------|--------|-------------|------|
| 34 | K34FM | AUSTIN TX | 189.6 | APP | BDFCDTT | - |
| 20060331BGL | | | | | | |
| 34 | NEW | SAN ANTONIO TX | 168.7 | APP | BSFDTL | - |
| 20060630CKH | | | | | | |
| 34 | KTJA-LD | VICTORIA TX | 3.2 | CP | BDCCDTL | - |
| 20070418ACT | | | | | | |
| 35 | NEW | BEAUMONT TX | 317.6 | APP | BNPDTL | - |
| 20090825AQW | | | | | | |
| 35 | KPRC-TV | HOUSTON TX | 164.4 | LIC | BLCDT | - |
| 19991022ABJ | | | | | | |
| 35 | KPRC-TV | HOUSTON TX | 164.4 | PLN | DTVPLN | - |
| DTVP1303 | | | | | | |
| 35 | NEW | TYLER TX | 425.7 | APP | BNPDTT | - |
| 20091123AIY | | | | | | |
| 36 | KTFO-CA | AUSTIN TX | 189.9 | CP MOD | BMPDTA | - |
| 20091008ADB | | | | | | |
| 36 | NEW | COLLEGE STATION TX | 214.5 | APP | BNPDTL | - |
| 20100119AEB | | | | | | |
| 36 | NEW | VICTORIA TX | 5.1 | APP | BNPDTL | - |
| 20090825BTE | | | | | | |
| 35 | KRZG-CA | MCALLEN TX | 309.0 | APP | BSFDTL | - |
| 20200608AAA | | | | | | |

Proposal causes no interference

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Analysis of Interference to Affected Station 11

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|------|------------|-------------|----------|
|---------|------|------------|-------------|----------|

39 KBDF-LP BROWNSVILLE TX BDISTTL -20060214ACP

Stations Potentially Affecting This Station

| Chan No. | Call | City/State | Dist(km) | Status | Application | Ref. |
|-------------|---------|--------------------|----------|--------|-------------|------|
| 31 | KGBT-TV | HARLINGEN TX | 33.3 | LIC | BLCDT | - |
| 20030619ABF | | | | | | |
| 31 | KGBT-TV | HARLINGEN TX | 33.3 | PLN | DTVPLN | - |
| DTVP1151 | | | | | | |
| 38 | KMBH | HARLINGEN TX | 33.2 | LIC | BLEDT | - |
| 20031023ABO | | | | | | |
| 38 | KMBH | HARLINGEN TX | 33.2 | PLN | DTVPLN | - |
| DTVP1377 | | | | | | |
| 39 | NEW | CORPUS CHRISTI TX | 170.1 | APP | BNPTTL | - |
| 20000831BEB | | | | | | |
| 39 | KNDF-LP | MCALLEN TX | 75.4 | APP | BDISDTL | - |
| 20090629ABF | | | | | | |
| 39 | KENS | SAN ANTONIO TX | 357.9 | CP | BPCDT | - |
| 20080303ALJ | | | | | | |
| 39 | KENS-TV | SAN ANTONIO TX | 357.8 | PLN | DTVPLN | - |
| DTVP1414 | | | | | | |
| 39 | K39HB | VICTORIA TX | 301.2 | CP | BDFCDTL | - |
| 20090515ABP | | | | | | |
| 40 | KTLM-DR | RIO GRANDE CITY TX | 123.8 | APP | BPRM | - |
| 20080620AOA | | | | | | |
| 40 | KTLM | RIO GRANDE CITY TX | 123.8 | PLN | DTVPLN | - |
| DTVP1449 | | | | | | |
| 40 | KTLM | RIO GRANDE CITY TX | 123.8 | CP MOD | BMPCDT | - |
| 20090304ABG | | | | | | |
| 35 | KRZG-CA | MCALLEN TX | 75.4 | APP | BSFDTL | - |
| 20200608AAA | | | | | | |

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 12

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|---------|------------|-------------|--------------|
| 35 | KRZG-CA | MCALLEN TX | BSFDTL | -20200608AAA |

Stations Potentially Affecting This Station

| Chan No. | Call | City/State | Dist(km) | Status | Application | Ref. |
|-------------|---------|--------------|----------|--------|-------------|------|
| 34 | KLUJ-TV | HARLINGEN TX | 45.1 | LIC | BLEDT | - |
| 20070402KPK | | | | | | |
| 34 | KLUJ-TV | HARLINGEN TX | 45.1 | PLN | DTVPLN | - |
| DTVP1267 | | | | | | |

| | | | | | | |
|-------------|---------|-------------|-------|-----|--------|---|
| 35 | KRZG-CA | MCALLEN TX | 0.0 | APP | BPTTA | - |
| 20010119AFP | | | | | | |
| 35 | KRZG-CA | MCALLEN TX | 0.0 | LIC | BLTTL | - |
| 19990326JA | | | | | | |
| 35 | NEW | VICTORIA TX | 309.0 | APP | BNPDTL | - |
| 20090825APJ | | | | | | |

Total scenarios = 2

Result key: 4
Scenario 1 Affected station 12 KRZG-CA
Before Analysis

Results for: 35A TX MCALLEN BSFDTL 20200608AAA APP
HAAT 100.0 m, ATV ERP 1.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 450044 | 1350.7 |
| not affected by terrain losses | 450044 | 1350.7 |
| lost to NTSC IX | 450044 | 1350.7 |
| lost to additional IX by ATV | 0 | 0.0 |
| lost to ATV IX only | 0 | 0.0 |
| lost to all IX | 450044 | 1350.7 |

Potential Interfering Stations Included in above Scenario 1

35N TX MCALLEN BPTTA 20010119AFP APP

Result key: 5
Scenario 2 Affected station 12 KRZG-CA
Before Analysis

Results for: 35A TX MCALLEN BSFDTL 20200608AAA APP
HAAT 100.0 m, ATV ERP 1.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 450044 | 1350.7 |
| not affected by terrain losses | 450044 | 1350.7 |
| lost to NTSC IX | 450044 | 1350.7 |
| lost to additional IX by ATV | 0 | 0.0 |
| lost to ATV IX only | 0 | 0.0 |
| lost to all IX | 450044 | 1350.7 |

Potential Interfering Stations Included in above Scenario 2

35N TX MCALLEN BLTTL 19990326JA LIC

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