

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
/space/software/cdbs/pt_tvdb.sff
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 03-06-2012 Time: 07:43:32

Record Selected for Analysis

KXUN USERRECORD-01 US
Channel 43 ERP 15. kW HAAT 158. m RCAMSL 00317 m FULL SERVICE MASK
Latitude 035-26-50 Longitude 0094-21-54
Status APP Zone 2 Border Site number: 01
Dir Antenna Make CDB Model 00000000045925 Beam tilt N Ref Azimuth 210.
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
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 | 2.400 | 83.1 | 31.5 |
| 45.0 | 1.094 | 135.5 | 32.4 |
| 90.0 | 6.534 | 178.7 | 44.3 |
| 135.0 | 14.702 | 196.0 | 49.5 |
| 180.0 | 12.696 | 175.2 | 47.5 |
| 225.0 | 13.824 | 193.7 | 49.0 |
| 270.0 | 14.406 | 145.9 | 46.2 |
| 315.0 | 9.600 | 158.9 | 45.1 |

Contour Overlap to Proposed Station

Station
KXUN-LP 43 FORT SMITH AR BLTTL20041201AEJ

Station inside contour of Digital LPTV station
KXUN 43 USERRECORD01

Contour Overlap Evaluation to Proposed Station Complete

NO LANDMOBILE SPACING VIOLATIONS FOUND

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 | Call | Proposed Station City/State | ARN |
|---------|------|--------------------------------|--------------|
| 43 | KXUN | | USERRECORD01 |

Stations Potentially Affected by Proposed Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|-------------------------|----------|--------|-------------|--------------|
| 35 | KEGG-LP | MCALISTER OK | 139.0 | LIC | BLTT | -20051017ABG |
| 36 | KFFS-CA | FAYETTEVILLE AR | 79.4 | LIC | BLTT | -19951107ID |
| 42 | K42LD-D | MULBERRY AR | 30.3 | CP | BNPDTL | -20100504AMH |
| 42 | KNJD-LP | BRANSON MO | 178.7 | CP | BDISDTL | -20060331BER |
| 42 | KMYT-TV | TULSA OK | 134.9 | LIC | BLCDDT | -20021112ABD |
| 43 | KCTU-LD | WICHITA KS | 362.9 | LIC | BLDTL | -20091207ADJ |
| 43 | KODE-TV | JOPLIN MO | 181.8 | LIC | BLCDDT | -20090424ABE |
| 43 | KCDN-LP | KANSAS CITY MO | 397.6 | CP | BDFCDTL | -20110329AAX |
| 43 | KCDN-LP | KANSAS CITY MO | 397.6 | CP | BDISTTL | -20080703ABI |
| 43 | K43LK-D | LAWTON OK | 367.8 | CP | BPTTL | -20090217AFP |
| 43 | K43LK-D | LAWTON OK | 367.8 | LIC | BLDTL | -20090713ACU |
| 43 | KDTN | DENTON TX | 401.6 | LIC | BLEDT | -20040301AAH |
| 44 | KFDF-LD | FORT SMITH AR | 0.0 | LIC | BLDTL | -20091023ABI |
| 44 | KARZ-TV | LITTLE ROCK AR | 184.2 | LIC | BLCDDT | -20090615ACH |
| 44 | K53IS | ANDERSON, PINEVILLE MO | 129.4 | CP | BDISDTL | -20110902AAX |
| 44 | K40KC-D | TULSA OK | 166.5 | CP | BDISDTL | -20091027AAZ |
| 45 | K48MR | BENTONVILLE & ROGERS AR | 102.1 | LIC | BLTTTL | -19950703IA |
| 50 | KSJF-CA | POTEAU OK | 50.6 | LIC | BLTT | -19970415JB |
| 51 | K51EK | MCALISTER OK | 133.4 | LIC | BLTT | -19951212JB |

Analysis of Interference to Affected Station 1

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|---------|--------------|-------------|--------------|
| 35 | KEGG-LP | MCALISTER OK | BLTT | -20051017ABG |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|---------------|----------|--------|---------------|--------------|
| 28 | KTPX-TV | OKMULGEE OK | 102.6 | LIC | BLCDDT | -20020510AAQ |
| 31 | KOET | EUFAULA OK | 46.9 | LIC | BLEDT | -20060601BJT |
| 34 | NEW | MC ALESTER OK | 17.7 | APP | BNPDTL | -20100511ABJ |
| 35 | KMTW | HUTCHINSON KS | 366.2 | LIC | BLCDDT | -20030117AAE |
| 35 | K35CU | ADA OK | 95.2 | CP | BDFCDTT | -20090821AAE |
| 35 | K35CU | ADA OK | 95.2 | LIC | BLTT | -19960111AG |
| 35 | KUOK | WOODWARD OK | 362.7 | LIC | BLCDDT | -20091113AAE |
| 35 | KUOK | WOODWARD OK | 362.7 | CP MOD | BMPCDDT | -20080620ALR |
| 35 | KDFW | DALLAS TX | 286.1 | LIC | BLCDDT | -20090508AAB |
| 42 | KMYT-TV | TULSA OK | 119.3 | LIC | BLCDDT | -20021112ABD |
| 49 | KGEB | TULSA OK | 121.9 | LIC | BLCDDT | -20060817ADB |
| 43 | KXUN | | 139.0 | APP | USERRECORD-01 | |

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 2

Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---------|---------|-----------------|----------------------|
| 36 | KFFS-CA | FAYETTEVILLE AR | BLTT -19951107ID |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|---------|-------------------|----------|--------|----------------------|
| 34 | KXNW | EUREKA SPRINGS AR | 36.1 | LIC | BLCDDT -20090825BGM |
| 34 | KXNW | EUREKA SPRINGS AR | 36.1 | CP | BPCDDT -20080620ABE |
| 36 | KKAP | LITTLE ROCK AR | 214.2 | LIC | BLEDT -20090522AFW |
| 36 | KKAP | LITTLE ROCK AR | 214.2 | CP | BPEDT -20080618AUA |
| 36 | KBNS-CD | BRANSON MO | 111.9 | LIC | BLDTL -20100315ADB |
| 36 | KRSC-TV | CLAREMORE OK | 130.4 | LIC | BLEDT -20061011AAM |
| 36 | K36LS-D | MULDROW OK | 88.5 | CP | BNPDTL -20100505AJX |
| 39 | KWOG | SPRINGDALE AR | 10.7 | LIC | BLCDDT -20070820ABS |
| 43 | KODE-TV | JOPLIN MO | 108.0 | LIC | BLCDDT -20090424ABE |
| 50 | KNWA-TV | ROGERS AR | 36.2 | LIC | BLCDDT -20060915ANF |
| 43 | KXUN | | 79.4 | APP | USERRECORD-01 |

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 3

Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---------|---------|-------------|----------------------|
| 42 | K42LD-D | MULBERRY AR | BNPDTL -20100504AMH |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|---------|-----------------------|----------|--------|----------------------|
| 41 | K62DQ | FAYETTEVILLE, ETC. AR | 69.6 | CP | BDISDTT -20110802ABI |
| 41 | NEW | FAYETTEVILLE AR | 53.9 | APP | BNPDTL -20100205AAP |
| 41 | WJAN-CD | MIAMI FL | ***** | APP | BPTTA -20010116AGG |
| 42 | KNJD-LP | BRANSON MO | 155.0 | CP | BDISDTL -20060331BER |
| 42 | KSHB-TV | KANSAS CITY MO | 385.5 | LIC | BLCDDT -20110421AAQ |
| 42 | KMYT-TV | TULSA OK | 157.1 | LIC | BLCDDT -20021112ABD |
| 43 | KXUN-LP | FORT SMITH AR | 30.3 | LIC | BLTTL -20041201AEJ |
| 43 | KXUN | | 30.3 | APP | USERRECORD-01 |

Total scenarios = 1

Result key: 1
Scenario 1 Affected station 3
Before Analysis

Results for: 42A AR MULBERRY BNPDTL 20100504AMH CP
HAAT 64.0 m, ATV ERP 1.0 kW
POPULATION AREA (sq km)
within Noise Limited Contour 20743 1020.9
not affected by terrain losses 20645 992.1
lost to NTSC IX 0 0.0

| | | |
|------------------------------|------|------|
| lost to additional IX by ATV | 1021 | 51.6 |
| lost to ATV IX only | 1021 | 51.6 |
| lost to all IX | 1021 | 51.6 |

Potential Interfering Stations Included in above Scenario 1

| | | | |
|----------------|---------|-------------|-----|
| 42A MO BRANSON | BDISDTL | 20060331BER | CP |
| 42A OK TULSA | BLCDDT | 20021112ABD | LIC |

After Analysis

Results for: 42A AR MULBERRY BNPDTL 20100504AMH CP
HAAT 64.0 m, ATV ERP 1.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 20743 | 1020.9 |
| not affected by terrain losses | 20645 | 992.1 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 1227 | 60.6 |
| lost to ATV IX only | 1227 | 60.6 |
| lost to all IX | 1227 | 60.6 |

Potential Interfering Stations Included in above Scenario 1

| | | | |
|----------------|--------------|-------------|-----|
| 42A MO BRANSON | BDISDTL | 20060331BER | CP |
| 42A OK TULSA | BLCDDT | 20021112ABD | LIC |
| 43A | USERRECORD01 | | APP |

Percent new IX = 1.0497%

Worst case new IX 1.0497% Scenario 1

#####

Analysis of Interference to Affected Station 4

Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---------|---------|------------|----------------------|
| 42 | KNJD-LP | BRANSON MO | BDISDTL -20060331BER |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|---------|------------------|----------|--------|----------------------|
| 41 | K41HC | MOUNTAIN HOME AR | 80.6 | CP | BDFCDTL -20110727AGM |
| 41 | WJAN-CD | MIAMI FL | ***** | APP | BPTTA -20010116AGG |
| 42 | K42LD-D | MULBERRY AR | 155.0 | CP | BNPDTL -20100504AMH |
| 42 | KSHB-TV | KANSAS CITY MO | 277.1 | LIC | BLCDDT -20110421AAQ |
| 42 | KMYT-TV | TULSA OK | 238.0 | LIC | BLCDDT -20021112ABD |
| 43 | KODE-TV | JOPLIN MO | 127.7 | LIC | BLCDDT -20090424ABE |
| 43 | KXUN | | 178.7 | APP | USERRECORD-01 |

Proposal causes no interference

#####

Analysis of Interference to Affected Station 5

Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---------|---------|------------|----------------------|
| 42 | KMYT-TV | TULSA OK | BLCDDT -20021112ABD |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|---------|----------------|----------|--------|----------------------|
| 42 | KSHB-TV | KANSAS CITY MO | 343.3 | LIC | BLCDDT -20110421AAQ |

| | | | | | | |
|----|---------|--------------|-------|-----|---------------|--------------|
| 42 | KPXD-TV | ARLINGTON TX | 404.6 | LIC | BLCDDT | -20091022ACM |
| 43 | KODE-TV | JOPLIN MO | 155.0 | LIC | BLCDDT | -20090424ABE |
| 43 | KXUN | | 134.9 | APP | USERRECORD-01 | |

Total scenarios = 1

Result key: 2
Scenario 1 Affected station 5
Before Analysis

Results for: 42A OK TULSA BLCDDT 20021112ABD LIC
HAAT 381.0 m, ATV ERP 900.0 kW

| | | |
|--------------------------------|------------|--------------|
| | POPULATION | AREA (sq km) |
| within Noise Limited Contour | 1214463 | 33098.3 |
| not affected by terrain losses | 1201307 | 32461.8 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 1212 | 114.5 |
| lost to ATV IX only | 1212 | 114.5 |
| lost to all IX | 1212 | 114.5 |

Potential Interfering Stations Included in above Scenario 1

| | | | |
|--------------------|--------|-------------|-----|
| 42A MO KANSAS CITY | BLCDDT | 20110421AAQ | LIC |
| 43A MO JOPLIN | BLCDDT | 20090424ABE | LIC |

After Analysis

Results for: 42A OK TULSA BLCDDT 20021112ABD LIC
HAAT 381.0 m, ATV ERP 900.0 kW

| | | |
|--------------------------------|------------|--------------|
| | POPULATION | AREA (sq km) |
| within Noise Limited Contour | 1214463 | 33098.3 |
| not affected by terrain losses | 1201307 | 32461.8 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 1229 | 117.4 |
| lost to ATV IX only | 1229 | 117.4 |
| lost to all IX | 1229 | 117.4 |

Potential Interfering Stations Included in above Scenario 1

| | | | |
|--------------------|--------------|-------------|-----|
| 42A MO KANSAS CITY | BLCDDT | 20110421AAQ | LIC |
| 43A MO JOPLIN | BLCDDT | 20090424ABE | LIC |
| 43A | USERRECORD01 | | APP |

Percent new IX = 0.0014%

Worst case new IX 0.0014% Scenario 1

#####

Analysis of Interference to Affected Station 6

Analysis of current record

| | | | |
|---------|---------|------------|----------------------|
| Channel | Call | City/State | Application Ref. No. |
| 43 | KCTU-LD | WICHITA KS | BLDTL -20091207ADJ |

Stations Potentially Affecting This Station

| | | | | | |
|------|---------|------------|----------|--------|----------------------|
| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
| 43 | K43NX-D | SALINA KS | 141.0 | CP | BNPDTL -20100930ARM |
| 43 | KTMJ-CA | TOPEKA KS | 205.7 | LIC | BLTTA -20021112ABH |
| 43 | KTMJ-CA | TOPEKA KS | 205.7 | CP | BDFCDTA -20100831AAI |
| 43 | KODE-TV | JOPLIN MO | 255.7 | LIC | BLCDDT -20090424ABE |
| 43 | KPTM | OMAHA NE | 388.6 | APP | BMPCDDT -20040609AAB |
| 43 | KPTM | OMAHA NE | 388.6 | LIC | BLCDDT -20051107AFO |

43 KXUN 362.9 APP USERRECORD-01
Proposal causes no interference

#####

Analysis of Interference to Affected Station 7

Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---------|---------|------------|----------------------|
| 43 | KODE-TV | JOPLIN MO | BLCDT -20090424ABE |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|---------|----------------|----------|--------|----------------------|
| 42 | KSHB-TV | KANSAS CITY MO | 211.3 | LIC | BLCDT -20110421AAQ |
| 42 | KMYT-TV | TULSA OK | 155.0 | LIC | BLCDT -20021112ABD |
| 43 | KTVI | ST LOUIS MO | 400.0 | LIC | BLCDT -20040903AAY |
| 44 | KYTV | SPRINGFIELD MO | 141.9 | LIC | BLCDT -20020213AAA |
| 43 | KXUN | | 181.8 | APP | USERRECORD-01 |

Proposal causes no interference

#####

Analysis of Interference to Affected Station 8

Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---------|---------|----------------|----------------------|
| 43 | KCDN-LP | KANSAS CITY MO | BDFCDTL -20110329AAX |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|---------|----------------|----------|--------|----------------------|
| 42 | KSHB-TV | KANSAS CITY MO | 5.2 | LIC | BLCDT -20110421AAQ |
| 43 | KTMJ-CA | TOPEKA KS | 108.0 | LIC | BLTTA -20021112ABH |
| 43 | KTMJ-CA | TOPEKA KS | 108.0 | CP | BDFCDTA -20100831AAI |
| 43 | K43ND-D | COLUMBIA MO | 193.8 | CP | BNPDTL -20100423ACD |
| 43 | KODE-TV | JOPLIN MO | 216.2 | LIC | BLCDT -20090424ABE |
| 43 | KTVI | ST LOUIS MO | 362.8 | LIC | BLCDT -20040903AAY |
| 43 | KPTM | OMAHA NE | 270.3 | APP | BMPCDT -20040609AAB |
| 43 | KPTM | OMAHA NE | 270.3 | LIC | BLCDT -20051107AFO |
| 43 | KXUN | | 397.6 | APP | USERRECORD-01 |

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 9

Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---------|---------|----------------|----------------------|
| 43 | KCDN-LP | KANSAS CITY MO | BDISTTL -20080703ABI |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|---------|----------------|----------|--------|----------------------|
| 41 | KMCI-TV | LAWRENCE KS | 5.2 | LIC | BLCDT -20110421AAR |
| 42 | KSHB-TV | KANSAS CITY MO | 5.2 | LIC | BLCDT -20110421AAQ |
| 43 | KTMJ-CA | TOPEKA KS | 108.0 | LIC | BLTTA -20021112ABH |
| 43 | KTMJ-CA | TOPEKA KS | 108.0 | CP | BDFCDTA -20100831AAI |
| 43 | KODE-TV | JOPLIN MO | 216.2 | LIC | BLCDT -20090424ABE |

| | | | | | | |
|----|---------|----------------|-------|-----|---------------|--------------|
| 43 | KTVI | ST LOUIS MO | 362.8 | LIC | BLCDDT | -20040903AAY |
| 43 | KPTM | OMAHA NE | 270.3 | APP | BMPCDDT | -20040609AAB |
| 43 | KPTM | OMAHA NE | 270.3 | LIC | BLCDDT | -20051107AFO |
| 47 | KSMO-TV | KANSAS CITY MO | 8.4 | LIC | BLCDDT | -20060630ADR |
| 51 | KPXE-TV | KANSAS CITY MO | 0.0 | LIC | BMLCDDT | -20041112AAI |
| 43 | KXUN | | 397.6 | APP | USERRECORD-01 | |

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 10

Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---------|---------|------------|----------------------|
| 43 | K43LK-D | LAWTON OK | BPTTL -20090217AFP |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|---------|------------------|----------|--------|----------------------|
| 39 | KWTB-DR | OKLAHOMA OK | 131.2 | APP | BPRM -20091202ATS |
| 39 | KWTB-DT | OKLAHOMA CITY OK | 131.2 | LIC | BLCDDT -20100830AAP |
| 40 | KAUT-TV | OKLAHOMA CITY OK | 130.7 | CP | BPCDDT -20080620AFC |
| 40 | KAUT-TV | OKLAHOMA CITY OK | 131.2 | LIC | BLCDDT -20060504ACH |
| 43 | NEW | DICKSON OK | 80.9 | APP | BNPDTL -20100510ANB |
| 43 | KDTN | DENTON TX | 259.8 | LIC | BLDDT -20040301AAH |
| 43 | KLCW-TV | WOLFFORTH TX | 353.4 | LIC | BLCDDT -20110404AFU |
| 43 | KLCW-TV | WOLFFORTH TX | 353.4 | CP MOD | BMPCDDT -20080411AAI |
| 46 | KOCM | NORMAN OK | 131.2 | LIC | BLCDDT -20090522AFN |
| 50 | KOPX-TV | OKLAHOMA CITY OK | 131.2 | LIC | BLCDDT -20021108ABC |
| 51 | KSBI | OKLAHOMA CITY OK | 131.2 | LIC | BLCDDT -20090611AAE |
| 43 | KXUN | | 367.8 | APP | USERRECORD-01 |

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 11

Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---------|---------|------------|----------------------|
| 43 | K43LK-D | LAWTON OK | BLDTL -20090713ACU |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|---------|------------------|----------|--------|----------------------|
| 43 | K43KS-D | ALTUS OK | 99.0 | LIC | BLDTT -20100709AJX |
| 43 | NEW | DICKSON OK | 80.9 | APP | BNPDTL -20100510ANB |
| 43 | K43KT-D | ELK CITY OK | 123.1 | LIC | BLDTT -20100510ATA |
| 43 | KDTN | DENTON TX | 259.8 | LIC | BLDDT -20040301AAH |
| 43 | KLCW-TV | WOLFFORTH TX | 353.4 | LIC | BLCDDT -20110404AFU |
| 43 | KLCW-TV | WOLFFORTH TX | 353.4 | CP MOD | BMPCDDT -20080411AAI |
| 44 | K44GS | WICHITA FALLS TX | 86.0 | CP | BDFCDTT -20090819AFL |
| 43 | KXUN | | 367.8 | APP | USERRECORD-01 |

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 12

Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---------|------|------------|----------------------|
| 43 | KDTN | DENTON TX | BLEDT -20040301AAH |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|---------|--------------|----------|--------|----------------------|
| 42 | KPXD-TV | ARLINGTON TX | 0.0 | LIC | BLCDDT -20091022ACM |
| 43 | KEYE-TV | AUSTIN TX | 259.6 | LIC | BLCDDT -20031001BGN |
| 44 | KWKT-TV | WACO TX | 140.9 | LIC | BLCDDT -20090612AIS |
| 43 | KXUN | | 401.6 | APP | USERRECORD-01 |

Proposal causes no interference

#####

Analysis of Interference to Affected Station 13

Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---------|---------|---------------|----------------------|
| 44 | KFDF-LD | FORT SMITH AR | BLDTL -20091023ABI |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|---------|------------------------|----------|--------|----------------------|
| 43 | KXUN-LP | FORT SMITH AR | 0.0 | LIC | BLTTL -20041201AEJ |
| 44 | KARZ-TV | LITTLE ROCK AR | 184.2 | LIC | BLCDDT -20090615ACH |
| 44 | KSHV-TV | SHREVEPORT LA | 311.7 | LIC | BLCDDT -20060215ACP |
| 44 | K53IS | ANDERSON, PINEVILLE MO | 129.4 | CP | BDISDTL -20110902AAX |
| 44 | KYTV | SPRINGFIELD MO | 230.4 | LIC | BLCDDT -20020213AAA |
| 44 | K40KC-D | TULSA OK | 166.5 | CP | BDISDTL -20091027AAZ |
| 43 | KXUN | | 0.0 | APP | USERRECORD-01 |

Proposal causes no interference

#####

Analysis of Interference to Affected Station 14

Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---------|---------|----------------|----------------------|
| 44 | KARZ-TV | LITTLE ROCK AR | BLCDDT -20090615ACH |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|---------|----------------|----------|--------|----------------------|
| 44 | KSHV-TV | SHREVEPORT LA | 271.6 | LIC | BLCDDT -20060215ACP |
| 44 | KYTV | SPRINGFIELD MO | 266.9 | LIC | BLCDDT -20020213AAA |
| 43 | KXUN | | 184.2 | APP | USERRECORD-01 |

Proposal causes no interference

#####

Analysis of Interference to Affected Station 15

Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---------|-------|------------------------|----------------------|
| 44 | K53IS | ANDERSON, PINEVILLE MO | BDISDTL -20110902AAX |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|-------------------------|----------|--------|---------------|--------------|
| 43 | KODE-TV | JOPLIN MO | 53.1 | LIC | BLCDDT | -20090424ABE |
| 44 | KFDF-LD | FORT SMITH AR | 129.4 | LIC | BLDTL | -20091023ABI |
| 44 | KARZ-TV | LITTLE ROCK AR | 265.0 | LIC | BLCDDT | -20090615ACH |
| 44 | KYTV | SPRINGFIELD MO | 144.6 | LIC | BLCDDT | -20020213AAA |
| 44 | K40KC-D | TULSA OK | 154.2 | CP | BDISDTL | -20091027AAZ |
| 45 | K48MR | BENTONVILLE & ROGERS AR | 27.9 | LIC | BLTTL | -19950703IA |
| 45 | K45LR-D | JOPLIN MO | 55.8 | CP MOD | BMPDTL | -20110726AEZ |
| 45 | KOTV-DT | TULSA OK | 131.1 | LIC | BLCDDT | -20090625ACJ |
| 43 | KXUN | | 129.4 | APP | USERRECORD-01 | |

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 16

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|---------|------------|-------------|--------------|
| 44 | K40KC-D | TULSA OK | BDISDTL | -20091027AAZ |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|------------------------|----------|--------|---------------|--------------|
| 44 | KFDF-LD | FORT SMITH AR | 166.5 | LIC | BLDTL | -20091023ABI |
| 44 | KARZ-TV | LITTLE ROCK AR | 350.4 | LIC | BLCDDT | -20090615ACH |
| 44 | K53IS | ANDERSON, PINEVILLE MO | 154.2 | CP | BDISDTL | -20110902AAX |
| 44 | KYTV | SPRINGFIELD MO | 298.5 | LIC | BLCDDT | -20020213AAA |
| 44 | K44BQ | ARDMORE OK | 189.1 | CP | BDFCDTL | -20111205AKH |
| 44 | K44BQ | ARDMORE OK | 216.0 | LIC | BLTT | -19900823II |
| 44 | K45EJ | ENID OK | 176.8 | CP | BDISDTT | -20091008AAE |
| 45 | KOTV-DT | TULSA OK | 32.5 | LIC | BLCDDT | -20090625ACJ |
| 43 | KXUN | | 166.5 | APP | USERRECORD-01 | |

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 17

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|-------|-------------------------|-------------|-------------|
| 45 | K48MR | BENTONVILLE & ROGERS AR | BLTTL | -19950703IA |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|------------------------|----------|--------|---------------|--------------|
| 42 | KMYT-TV | TULSA OK | 125.9 | LIC | BLCDDT | -20021112ABD |
| 43 | KODE-TV | JOPLIN MO | 81.0 | LIC | BLCDDT | -20090424ABE |
| 44 | K53IS | ANDERSON, PINEVILLE MO | 27.9 | CP | BDISDTL | -20110902AAX |
| 45 | KSNW | WICHITA KS | 322.1 | LIC | BLCDDT | -20041029AJF |
| 45 | K45LR-D | JOPLIN MO | 83.0 | CP MOD | BMPDTL | -20110726AEZ |
| 45 | KOTV-DT | TULSA OK | 125.8 | LIC | BLCDDT | -20090625ACJ |
| 46 | KSNF | JOPLIN MO | 81.2 | LIC | BLCDDT | -20091112AEU |
| 47 | KWHB | TULSA OK | 125.8 | LIC | BLCDDT | -20090217ACO |
| 47 | KWHB | TULSA OK | 125.8 | CP MOD | BMPCDDT | -20080619ABI |
| 49 | KRBK | OSAGE BEACH MO | 136.6 | CP | BPCDDT | -20110825ACC |
| 43 | KXUN | | 102.1 | APP | USERRECORD-01 | |
| 49 | KRBK | OSAGE BEACH MO | | CP | BPCDDT | -20110825ACC |
| 49 | KRBK | OSAGE BEACH MO | | CP | BPCDDT | -20110825ACC |

| | | | | | |
|----|------|----------------|----|-------|--------------|
| 49 | KRBK | OSAGE BEACH MO | CP | BPCDT | -20110825ACC |
| 49 | KRBK | OSAGE BEACH MO | CP | BPCDT | -20110825ACC |

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 18

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|---------|------------|-------------|-------------|
| 50 | KSJF-CA | POTEAU OK | BLTT | -19970415JB |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|------------------|----------|--------|---------------|--------------|
| 42 | KMYT-TV | TULSA OK | 139.4 | LIC | BLCDT | -20021112ABD |
| 47 | KWHB | TULSA OK | 138.7 | LIC | BLCDT | -20090217ACO |
| 47 | KWHB | TULSA OK | 138.7 | CP MOD | BMPCDT | -20080619ABI |
| 49 | NEW | FORT SMITH AR | 62.6 | APP | BNPDTL | -20100902ABJ |
| 49 | K49LW-D | VIAN OK | 47.2 | CP | BNPDTL | -20100504AMB |
| 50 | KTSS-LP | HOPE AR | 188.3 | LIC | BLTTL | -20020311AAR |
| 50 | KNWA-TV | ROGERS AR | 162.9 | LIC | BLCDT | -20060915ANF |
| 50 | KOPX-TV | OKLAHOMA CITY OK | 261.4 | LIC | BLCDT | -20021108ABC |
| 43 | KXUN | | 50.6 | APP | USERRECORD-01 | |

Proposal causes no interference

#####

Analysis of Interference to Affected Station 19

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|-------|--------------|-------------|-------------|
| 51 | K51EK | MCALESTER OK | BLTT | -19951212JB |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|------------------|----------|--------|---------------|--------------|
| 47 | KWHB | TULSA OK | 116.1 | LIC | BLCDT | -20090217ACO |
| 47 | KWHB | TULSA OK | 116.1 | CP MOD | BMPCDT | -20080619ABI |
| 49 | KGEB | TULSA OK | 120.4 | LIC | BLCDT | -20060817ADB |
| 51 | KSBI | OKLAHOMA CITY OK | 175.0 | LIC | BLCDT | -20090611AAE |
| 51 | NEW | DENTON TX | 144.4 | APP | BMJADTL | -20100518AEX |
| 51 | KCEB | LONGVIEW TX | 310.2 | LIC | BLCDT | -20100212AAO |
| 51 | KCEB-DR | LONGVIEW TX | 310.2 | APP | BPRM | -20080514AHH |
| 43 | KXUN | | 133.4 | APP | USERRECORD-01 | |

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 20

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|------|------------|---------------|----------|
| 43 | KXUN | | USERRECORD-01 | |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|---------------|----------|--------|-------------|--------------|
| 42 | K42LD-D | MULBERRY AR | 30.3 | CP | BNPDTL | -20100504AMH |
| 43 | KODE-TV | JOPLIN MO | 181.8 | LIC | BLCDT | -20090424ABE |
| 44 | KFDF-LD | FORT SMITH AR | 0.0 | LIC | BLDTL | -20091023ABI |

Total scenarios = 1

Result key: 3
Scenario 1 Affected station 20
Before Analysis

Results for: 43A USERRECORD01 APP

| | | |
|--------------------------------|------------|--------------|
| HAAT 158.0 m, ATV ERP 15.0 kW | | |
| | POPULATION | AREA (sq km) |
| within Noise Limited Contour | 233980 | 5894.1 |
| not affected by terrain losses | 232819 | 5753.8 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 7833 | 331.2 |
| lost to ATV IX only | 7833 | 331.2 |
| lost to all IX | 7833 | 331.2 |

Potential Interfering Stations Included in above Scenario 1

| | | | |
|-------------------|--------|-------------|-----|
| 42A AR MULBERRY | BNPDTL | 20100504AMH | CP |
| 43A MO JOPLIN | BLCDT | 20090424ABE | LIC |
| 44A AR FORT SMITH | BLDTL | 20091023ABI | LIC |

#####

FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED