

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/cdb/pt_tvdb.sff
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 08-14-2010 Time: 11:43:46

Record Selected for Analysis

NEW-40 USERRECORD-01 CARBONDALE IL US
Channel 40 ERP 15. kW HAAT 89. m RCAMSL 00231 m STRINGENT MASK
Latitude 037-42-29 Longitude 0089-14-05
Status APP Zone 2 Border Site number: 01
Last update Cutoff date Docket
Comments
Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 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	15.000	111.8	44.0
45.0	15.000	109.2	43.7
90.0	15.000	103.1	43.1
135.0	15.000	80.0	40.1
180.0	15.000	51.9	35.3
225.0	15.000	71.4	38.7
270.0	15.000	78.3	39.8
315.0	15.000	108.3	43.6

Contour Overlap to Proposed Station

Contour Overlap Evaluation to Proposed Station Complete

SPACING VIOLATION FOUND BETWEEN STATION

NEW-40 40 CARBONDALE IL USERRECORD01 Site # 01

and station

SHORT TO: WPSD-TV 32 PADUCAH KY BLCDT 20040227ABD
037-11-31 0088-58-53
Req. separation => 24.1 <= 96.6 Actual separation 61.5 Short 35.1(37.4) km

SHORT TO: W33CU-D 33 EVANSVILLE IN BNPDTL 20090825AZO
037-36-50 0088-52-20

Req. separation => 24.1 <= 96.6 Actual separation 33.7 Short 62.9(9.6) km

SHORT TO: K33EQ 33 CAPE GIRARDEAU MO BLTTL 20001208ABQ
037-09-17 0089-36-39

Req. separation => 24.1 <= 96.6 Actual separation 69.9 Short 26.7(45.8) km

SHORT TO: W54AE 38 PADUCAH KY BDISDTT 20060331AZG
037-01-50 0088-38-47

Req. separation => 24.1 <= 96.6 Actual separation 91.5 Short 5.1(67.4) km

SHORT TO: W40CV-D 40 JACKSONVILLE IL BNPDTT 20090825BYB
039-43-18 0090-11-45

Req. separation 244.6 Actual separation 238.6 Short 6.0 km

SHORT TO: WKPD 41 PADUCAH KY BLEDT 20020304ALI
037-05-39 0088-40-20

Req. separation => 24.0 <= 110.0 Actual separation 84.4 Short 25.6(60.4) km

SHORT TO: K47FB 47 CAPE GIRARDEAU MO BLTTL 20001130AAY
037-09-17 0089-36-39

Req. separation => 24.1 <= 96.6 Actual separation 69.9 Short 26.7(45.8) km

SHORT TO: K47FB 47 CAPE GIRARDEAU MO BPTTL 20020927ABL
037-22-16 0089-31-52

Req. separation => 24.1 <= 96.6 Actual separation 45.7 Short 50.9(21.6) km

LANDMOBILE SPACING VIOLATIONS FOUND

NONE from Site # 01

Checks to Site Number 01

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
40	NEW-40	CARBONDALE IL	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
25	K65GP	CARBONDALE IL	21.7	APP	BPTTL -20020806ABD

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
22	KBSI	CAPE GIRARDEAU MO	116.5	LIC	BLCDT	-20041213ABC
26	WTJP-TV	GADSDEN AL	375.3	LIC	BLCDT	-20050511AAF
26	WTJP-TV	GADSDEN AL	375.3	CP	BPCDT	-20080616AEF
26	WLKY-TV	LOUISVILLE KY	354.7	LIC	BLCDT	-20030129AFL
26	KPLR-TV	ST. LOUIS MO	262.0	CP	BPCDT	-20080620AFX
26	KPLR-TV	ST. LOUIS MO	262.3	LIC	BLCDT	-20030812ABY
26	WPGF-LP	MEMPHIS TN	154.4	CP	BPTTL	-20080814ABC
34	WSIL-TV	HARRISBURG IL	130.6	LIC	BLCDT	-20080718AAR
41	WKPD	PADUCAH KY	79.0	LIC	BLEDT	-20020304ALI
40	NEW-40	CARBONDALE IL	141.4	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
26	WUWT-CD	UNION CITY TN	BSTA	-20070904AAB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
22	KBSI	CAPE GIRARDEAU MO	116.5	LIC	BLCDT	-20041213ABC
26	WTJP-TV	GADSDEN AL	375.3	LIC	BLCDT	-20050511AAF
26	WTJP-TV	GADSDEN AL	375.3	CP	BPCDT	-20080616AEF
26	WLKY-TV	LOUISVILLE KY	354.7	LIC	BLCDT	-20030129AFL
26	KPLR-TV	ST. LOUIS MO	262.0	CP	BPCDT	-20080620AFX
26	KPLR-TV	ST. LOUIS MO	262.3	LIC	BLCDT	-20030812ABY
26	WPGF-LP	MEMPHIS TN	154.4	CP	BPTTL	-20080814ABC
26	WNTU-LP	NASHVILLE TN	204.6	LIC	BLTTL	-20001018ABZ
34	WSIL-TV	HARRISBURG IL	130.6	LIC	BLCDT	-20080718AAR
41	WKPD	PADUCAH KY	79.0	LIC	BLEDT	-20020304ALI
40	NEW-40	CARBONDALE IL	141.4	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
26	WUWT-CD	UNION CITY VI	BDISTTA	-20071016ABB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
22	KBSI	CAPE GIRARDEAU MO	116.5	LIC	BLCDT	-20041213ABC
26	WTJP-TV	GADSDEN AL	375.3	LIC	BLCDT	-20050511AAF
26	WTJP-TV	GADSDEN AL	375.3	CP	BPCDT	-20080616AEF
26	WLKY-TV	LOUISVILLE KY	354.7	LIC	BLCDT	-20030129AFL
26	KPLR-TV	ST. LOUIS MO	262.0	CP	BPCDT	-20080620AFX
26	KPLR-TV	ST. LOUIS MO	262.3	LIC	BLCDT	-20030812ABY
34	WSIL-TV	HARRISBURG IL	130.6	LIC	BLCDT	-20080718AAR
41	WKPD	PADUCAH KY	79.0	LIC	BLEDT	-20020304ALI
40	NEW-40	CARBONDALE IL	141.4	APP	USERRECORD-01	

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.
33	K33EQ	CAPE GIRARDEAU MO	BLTTL -20001208ABQ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
32	WPSD-TV	PADUCAH KY	55.9	LIC	BLCDDT -20040227ABD
33	K33GU	ST. LOUIS MO	169.7	LIC	BLTT -20031016ABC
33	WPGD-TV	HENDERSONVILLE TN	269.5	CP	BPCDDT -20090202BPP
33	WPGD-DR	HENDERSONVILLE TN	269.5	APP	BPRM -20080620AIV
34	WSIL-TV	HARRISBURG IL	82.8	LIC	BLCDDT -20080718AAR
36	WKMU	MURRAY KY	108.4	LIC	BLEDT -20020304ALG
41	WKPD	PADUCAH KY	83.5	LIC	BLEDT -20020304ALI
40	NEW-40	CARBONDALE IL	69.9	APP	USERRECORD-01

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.
33	K33GU	ST. LOUIS MO	BLTT -20031016ABC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
26	KPLR-TV	ST. LOUIS MO	0.8	CP	BPCDDT -20080620AFX
26	KPLR-TV	ST. LOUIS MO	0.0	LIC	BLCDDT -20030812ABY
31	KDNL-TV	ST. LOUIS MO	0.9	LIC	BLCDDT -20021216AAE
33	KTVO	KIRKSVILLE MO	283.1	LIC	BLCDDT -20030604AAC
34	K22HG	ST. CHARLES MO	32.6	STA	BSTA -20000606ABM
35	KSDK	ST. LOUIS MO	0.8	LIC	BLCDDT -19991202ABM
47	WRBU	EAST ST. LOUIS IL	25.0	LIC	BLCDDT -20020510ABC
47	WRBU	EAST ST. LOUIS IL	25.0	CP	BPCDDT -20080620AGT
40	NEW-40	CARBONDALE IL	135.4	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application Ref. No.
38	K38HD	ST. LOUIS MO	BLTTL -20071005ABG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
31	KDNL-TV	ST. LOUIS MO	10.1	LIC	BLCDDT -20021216AAE
35	KSDK	ST. LOUIS MO	11.1	LIC	BLCDDT -19991202ABM
38	WQAD-TV	MOLINE IL	298.2	LIC	BLCDDT -20031014AEO

38	WKMJ-TV	LOUISVILLE KY	384.0	LIC	BLEDT	-20030410AAK
39	KETC	ST. LOUIS MO	22.0	LIC	BLEDT	-20020816AAQ
39	KETC	ST. LOUIS MO	22.0	CP MOD	BMPEDT	-20080617AEP
40	NEW-40	CARBONDALE IL	134.7	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application Ref. No.
39	K39CP	POPLAR BLUFF MO	BLTT -19930329IE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
32	WPSD-TV	PADUCAH KY	137.6	LIC	BLCDDT -20040227ABD
39	NEW	JONESBORO AR	93.5	APP	BNPDTL -20100519AAL
39	KASN	PINE BLUFF AR	306.9	LIC	BLCDDT -20020904AAF
39	KWOG	SPRINGDALE AR	350.3	LIC	BLCDDT -20070820ABS
39	WFXW	TERRE HAUTE IN	381.3	LIC	BLCDDT -20090618AAW
39	KETC	ST. LOUIS MO	186.9	LIC	BLEDT -20020816AAQ
39	KETC	ST. LOUIS MO	186.9	CP MOD	BMPEDT -20080617AEP
39	WJKT	JACKSON TN	165.0	LIC	BLCDDT -20050323AER
40	NEW-40	CARBONDALE IL	147.5	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application Ref. No.
39	KETC	ST. LOUIS MO	BLEDT -20020816AAQ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
39	KWOG	SPRINGDALE AR	428.8	LIC	BLCDDT -20070820ABS
39	WAOE	PEORIA IL	249.5	LIC	BLCDDT -20070801EOU
39	WAOE	PEORIA IL	249.5	CP	BPCDDT -20080620AFR
39	WFXW	TERRE HAUTE IN	273.6	LIC	BLCDDT -20090618AAW
39	WJKT	JACKSON TN	320.5	LIC	BLCDDT -20050323AER
40	NEW-40	CARBONDALE IL	133.3	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application Ref. No.
39	KETC	ST. LOUIS MO	BMPEDT -20080617AEP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
39	KWOG	SPRINGDALE AR	428.8	LIC	BLCDDT -20070820ABS
39	WAOE	PEORIA IL	249.5	LIC	BLCDDT -20070801EOU

39	WAOE	PEORIA IL	249.5	CP	BPCDT	-20080620AFR
39	WFXW	TERRE HAUTE IN	273.6	LIC	BLCDT	-20090618AAW
39	WJKT	JACKSON TN	320.5	LIC	BLCDT	-20050323AER
40	NEW-40	CARBONDALE IL	133.3	APP	USERRECORD-01	

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.
40	K40DS	BATESVILLE AR	BLTTL -20001211AAI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
32	KARK-TV	LITTLE ROCK AR	139.8	CP	BPCDT -19990614KE
36	KKAP	LITTLE ROCK AR	139.7	LIC	BLEDT -20090522AFW
36	KKAP	LITTLE ROCK AR	139.7	CP	BPEDT -20080618AUA
40	K36DR	LITTLE ROCK AR	139.8	APP	BPTTL -20020829ABS
44	KARZ-TV	LITTLE ROCK AR	139.8	LIC	BLCDT -20090615ACH
48	KVTJ-DT	JONESBORO AR	113.9	LIC	BLCDT -20090209ANG
40	NEW-40	CARBONDALE IL	300.4	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application Ref. No.
40	K40DS	BATESVILLE AR	BPTTL -20030813AFX

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
32	KARK-TV	LITTLE ROCK AR	139.8	CP	BPCDT -19990614KE
36	KKAP	LITTLE ROCK AR	139.7	LIC	BLEDT -20090522AFW
36	KKAP	LITTLE ROCK AR	139.7	CP	BPEDT -20080618AUA
40	K36DR	LITTLE ROCK AR	139.8	APP	BPTTL -20020829ABS
44	KARZ-TV	LITTLE ROCK AR	139.8	LIC	BLCDT -20090615ACH
48	KVTJ-DT	JONESBORO AR	113.9	LIC	BLCDT -20090209ANG
40	NEW-40	CARBONDALE IL	300.4	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application Ref. No.
40	W40CV-D	JACKSONVILLE IL	BNPDTT -20090825BYB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
39	WAOE	PEORIA IL	114.9	LIC	BLCDT -20070801EOU
39	WAOE	PEORIA IL	114.9	CP	BPCDT -20080620AFR
41	W41DP-D	SPRINGFIELD IL	35.5	CP	BNPDTL -20090825AXE
40	NEW-40	CARBONDALE IL	238.8	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application Ref. No.
40	WHAN-LD	SALEM IN	BDCCDTL -20061003AAP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
39	WFXW	TERRE HAUTE IN	133.4	LIC	BLCDT -20090618AAW
40	WFWA	FORT WAYNE IN	288.6	APP	BPEDT -20080617ADU
40	WFWA	FORT WAYNE IN	288.6	LIC	BLEDT -20041112ACP
40	WTVQ-DT	LEXINGTON KY	160.5	CP	BPCDT -20081216BJH
40	WTVQ-DT	LEXINGTON KY	160.5	LIC	BLCDT -20050728AMX
40	WRCX-LP	DAYTON OH	201.4	LIC	BLTTL -20090223AAQ
40	WHIZ-TV	ZANESVILLE OH	382.7	CP MOD	BMPCDT -20071022BPE
40	WDSI-TV	CHATTANOOGA TN	383.6	LIC	BLCDT -20051011ABS
40	NEW-40	CARBONDALE IL	292.3	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 15

Analysis of current record

Channel	Call	City/State	Application Ref. No.
40	WKUW-LP	BOLWING GREEN KY	BDISDTL -20090908AET

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
40	WTVQ-DT	LEXINGTON KY	224.2	CP	BPCDT -20081216BJH
40	WTVQ-DT	LEXINGTON KY	224.2	LIC	BLCDT -20050728AMX
40	WDSI-TV	CHATTANOOGA TN	225.5	LIC	BLCDT -20051011ABS
41	WKUW-LD	BOWLING GREEN KY	33.6	CP	BDCCDTL -20061019AEB
40	NEW-40	CARBONDALE IL	251.6	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 16

Analysis of current record

Channel	Call	City/State	Application Ref. No.
40	KNJE-LP	AURORA MO	BDISTTL -20070216ABF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
39	KWOG	SPRINGDALE AR	84.7	LIC	BLCDT -20070820ABS
40	NEW	FAYETTEVILLE AR	89.8	APP	BNPDTL -20100205AAO
40	NEW	SPRINGDALE AR	72.2	APP	BNPDTL -20100212ABH
40	KAUT-TV	OKLAHOMA CITY OK	366.6	CP	BPCDT -20080620AFC
40	KAUT-TV	OKLAHOMA CITY OK	366.7	LIC	BLCDT -20060504ACH
43	KODE-TV	JOPLIN MO	86.2	CP MOD	BMPCDT -20070125ACU
44	KYTV	SPRINGFIELD MO	79.4	LIC	BLCDT -20020213AAA
40	NEW-40	CARBONDALE IL	405.8	APP	USERRECORD-01

Proposed station is beyond the site to

nearest cell evaluation distance

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Analysis of Interference to Affected Station 17

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
40	NEW	COLUMBIA MO	BNPDTL	-20090825BUY

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
40	NEW	ELDON MO	87.9	APP	BNPDTL	-20090825BVU
40	K40JW-D	MACON MO	76.1	CP	BDFCDTL	-20070220ABY
40	K40JW-D	MACON MO	76.1	CP	BNPTTL	-20000829ASF
40	NEW	MARSHALL MO	65.3	APP	BNPDTL	-20090825BXV
40	NEW	SEDALIA MO	102.2	APP	BNPDTL	-20090825BXA
41	K41OI	JEFFERSON CITY MO	34.8	LIC	BLTTL	-19940825II
40	NEW-40	CARBONDALE IL	306.6	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 18

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
40	NEW	ELDON MO	BNPDTL	-20090825BVU

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
40	KNJE-LP	AURORA MO	203.1	CP	BDISTTL	-20070216ABF
40	NEW	COLUMBIA MO	87.9	APP	BNPDTL	-20090825BUY
40	K40JW-D	MACON MO	157.3	CP	BDFCDTL	-20070220ABY
40	K40JW-D	MACON MO	157.3	CP	BNPTTL	-20000829ASF
40	NEW	MARSHALL MO	97.7	APP	BNPDTL	-20090825BXV
40	NEW	SEDALIA MO	71.6	APP	BNPDTL	-20090825BXA
40	NEW-40	CARBONDALE IL	296.1	APP	USERRECORD-01	

Total scenarios = 9

Result key:

1

Scenario 1 Affected station 18
Before Analysis

Results for: 40A MO ELDON BNPDTL 20090825BVU APP
HAAT 1.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	153977	6182.0
not affected by terrain losses	153589	6159.4
lost to NTSC IX	1021	15.7
lost to additional IX by ATV	0	0.0
lost to ATV IX only	1019	4.9
lost to all IX	1021	15.7

Potential Interfering Stations Included in above Scenario 1

40N MO AURORA	BDISTTL	20070216ABF	CP
40N MO MACON	BNPTTL	20000829ASF	CP
40A MO MACON	BDFCDTL	20070220ABY	CP

After Analysis

Results for: 40A MO ELDON BNPDTL 20090825BVU APP
 HAAT 1.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	153977	6182.0
not affected by terrain losses	153589	6159.4
lost to NTSC IX	1021	15.7
lost to additional IX by ATV	0	0.0
lost to ATV IX only	1019	4.9
lost to all IX	1021	15.7

Potential Interfering Stations Included in above Scenario 1

40N MO AURORA	BDISTTL	20070216ABF	CP
40N MO MACON	BNPTTL	20000829ASF	CP
40A MO MACON	BDFCDTL	20070220ABY	CP
40A IL CARBONDALE	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 2
 Scenario 2 Affected station 18
 Before Analysis

Results for: 40A MO ELDON BNPDTL 20090825BVU APP
 HAAT 1.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	153977	6182.0
not affected by terrain losses	153589	6159.4
lost to NTSC IX	1021	15.7
lost to additional IX by ATV	19138	661.3
lost to ATV IX only	20159	675.0
lost to all IX	20159	677.0

Potential Interfering Stations Included in above Scenario 2

40N MO AURORA	BDISTTL	20070216ABF	CP
40N MO MACON	BNPTTL	20000829ASF	CP
40A MO COLUMBIA	BNPDTL	20090825BUY	APP
40A MO MACON	BDFCDTL	20070220ABY	CP
40A MO MARSHALL	BNPDTL	20090825BXV	APP
40A MO SEDALIA	BNPDTL	20090825BXA	APP

After Analysis

Results for: 40A MO ELDON BNPDTL 20090825BVU APP
 HAAT 1.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	153977	6182.0
not affected by terrain losses	153589	6159.4
lost to NTSC IX	1021	15.7
lost to additional IX by ATV	19138	661.3
lost to ATV IX only	20159	675.0
lost to all IX	20159	677.0

Potential Interfering Stations Included in above Scenario 2

40N MO AURORA	BDISTTL	20070216ABF	CP
40N MO MACON	BNPTTL	20000829ASF	CP
40A MO COLUMBIA	BNPDTL	20090825BUY	APP
40A MO MACON	BDFCDTL	20070220ABY	CP
40A MO MARSHALL	BNPDTL	20090825BXV	APP
40A MO SEDALIA	BNPDTL	20090825BXA	APP
40A IL CARBONDALE	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 3
 Scenario 3 Affected station 18
 Before Analysis

Results for: 40A MO ELDON BNPDTL 20090825BVU APP
 HAAT 1.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	153977	6182.0
not affected by terrain losses	153589	6159.4
lost to NTSC IX	1021	15.7
lost to additional IX by ATV	15257	394.4
lost to ATV IX only	16278	407.2
lost to all IX	16278	410.1

Potential Interfering Stations Included in above Scenario 3

40N MO AURORA	BDISTTL	20070216ABF	CP
40N MO MACON	BNPTTL	20000829ASF	CP
40A MO COLUMBIA	BNPDTL	20090825BUY	APP
40A MO MACON	BDFCDTL	20070220ABY	CP
40A MO MARSHALL	BNPDTL	20090825BXV	APP

After Analysis

Results for: 40A MO ELDON BNPDTL 20090825BVU APP
 HAAT 1.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	153977	6182.0
not affected by terrain losses	153589	6159.4
lost to NTSC IX	1021	15.7
lost to additional IX by ATV	15257	394.4
lost to ATV IX only	16278	407.2
lost to all IX	16278	410.1

Potential Interfering Stations Included in above Scenario 3

40N MO AURORA	BDISTTL	20070216ABF	CP
40N MO MACON	BNPTTL	20000829ASF	CP
40A MO COLUMBIA	BNPDTL	20090825BUY	APP
40A MO MACON	BDFCDTL	20070220ABY	CP
40A MO MARSHALL	BNPDTL	20090825BXV	APP
40A IL CARBONDALE	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 4
 Scenario 4 Affected station 18
 Before Analysis

Results for: 40A MO ELDON BNPDTL 20090825BVU APP
 HAAT 1.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	153977	6182.0
not affected by terrain losses	153589	6159.4
lost to NTSC IX	1021	15.7
lost to additional IX by ATV	18844	633.8
lost to ATV IX only	19865	646.6
lost to all IX	19865	649.5

Potential Interfering Stations Included in above Scenario 4

40N MO AURORA	BDISTTL	20070216ABF	CP
40N MO MACON	BNPTTL	20000829ASF	CP
40A MO COLUMBIA	BNPDTL	20090825BUY	APP
40A MO MACON	BDFCDTL	20070220ABY	CP
40A MO SEDALIA	BNPDTL	20090825BXA	APP

After Analysis

Results for: 40A MO ELDON BNPDTL 20090825BVU APP

HAAT 1.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	153977	6182.0
not affected by terrain losses	153589	6159.4
lost to NTSC IX	1021	15.7
lost to additional IX by ATV	18844	633.8
lost to ATV IX only	19865	646.6
lost to all IX	19865	649.5

Potential Interfering Stations Included in above Scenario 4

40N MO AURORA	BDISTTL	20070216ABF	CP
40N MO MACON	BNPTTL	20000829ASF	CP
40A MO COLUMBIA	BNPDTL	20090825BUY	APP
40A MO MACON	BDFCDTL	20070220ABY	CP
40A MO SEDALIA	BNPDTL	20090825BXA	APP
40A IL CARBONDALE	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 5
Scenario 5 Affected station 18
Before Analysis

Results for: 40A MO ELDON BNPDTL 20090825BVU APP

HAAT 1.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	153977	6182.0
not affected by terrain losses	153589	6159.4
lost to NTSC IX	1021	15.7
lost to additional IX by ATV	14600	296.3
lost to ATV IX only	15621	308.1
lost to all IX	15621	312.0

Potential Interfering Stations Included in above Scenario 5

40N MO AURORA	BDISTTL	20070216ABF	CP
40N MO MACON	BNPTTL	20000829ASF	CP
40A MO COLUMBIA	BNPDTL	20090825BUY	APP
40A MO MACON	BDFCDTL	20070220ABY	CP

After Analysis

Results for: 40A MO ELDON BNPDTL 20090825BVU APP

HAAT 1.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	153977	6182.0
not affected by terrain losses	153589	6159.4
lost to NTSC IX	1021	15.7
lost to additional IX by ATV	14600	296.3
lost to ATV IX only	15621	308.1
lost to all IX	15621	312.0

Potential Interfering Stations Included in above Scenario 5

40N MO AURORA	BDISTTL	20070216ABF	CP
40N MO MACON	BNPTTL	20000829ASF	CP
40A MO COLUMBIA	BNPDTL	20090825BUY	APP
40A MO MACON	BDFCDTL	20070220ABY	CP
40A IL CARBONDALE	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 6
Scenario 6 Affected station 18
Before Analysis

Results for: 40A MO ELDON BNPDTL 20090825BVU APP

HAAT 1.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	153977	6182.0
not affected by terrain losses	153589	6159.4
lost to NTSC IX	1021	15.7
lost to additional IX by ATV	8359	438.6
lost to ATV IX only	9380	451.3
lost to all IX	9380	454.3

Potential Interfering Stations Included in above Scenario 6

40N MO AURORA	BDISTTL	20070216ABF	CP
40N MO MACON	BNPTTL	20000829ASF	CP
40A MO MACON	BDFCDTL	20070220ABY	CP
40A MO MARSHALL	BNPDTL	20090825BXV	APP
40A MO SEDALIA	BNPDTL	20090825BXA	APP

After Analysis

Results for: 40A MO ELDON BNPDTL 20090825BVU APP

HAAT 1.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	153977	6182.0
not affected by terrain losses	153589	6159.4
lost to NTSC IX	1021	15.7
lost to additional IX by ATV	8359	438.6
lost to ATV IX only	9380	451.3
lost to all IX	9380	454.3

Potential Interfering Stations Included in above Scenario 6

40N MO AURORA	BDISTTL	20070216ABF	CP
40N MO MACON	BNPTTL	20000829ASF	CP
40A MO MACON	BDFCDTL	20070220ABY	CP
40A MO MARSHALL	BNPDTL	20090825BXV	APP
40A MO SEDALIA	BNPDTL	20090825BXA	APP
40A IL CARBONDALE	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 7

Scenario 7 Affected station 18

Before Analysis

Results for: 40A MO ELDON BNPDTL 20090825BVU APP

HAAT 1.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	153977	6182.0
not affected by terrain losses	153589	6159.4
lost to NTSC IX	1021	15.7
lost to additional IX by ATV	4337	158.0
lost to ATV IX only	5358	168.8
lost to all IX	5358	173.7

Potential Interfering Stations Included in above Scenario 7

40N MO AURORA	BDISTTL	20070216ABF	CP
40N MO MACON	BNPTTL	20000829ASF	CP
40A MO MACON	BDFCDTL	20070220ABY	CP
40A MO MARSHALL	BNPDTL	20090825BXV	APP

After Analysis

Results for: 40A MO ELDON BNPDTL 20090825BVU APP

HAAT 1.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
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within Noise Limited Contour	153977	6182.0
not affected by terrain losses	153589	6159.4
lost to NTSC IX	1021	15.7
lost to additional IX by ATV	4337	158.0
lost to ATV IX only	5358	168.8
lost to all IX	5358	173.7

Potential Interfering Stations Included in above Scenario 7

40N MO AURORA	BDISTTL	20070216ABF	CP
40N MO MACON	BNPTTL	20000829ASF	CP
40A MO MACON	BDFCDTL	20070220ABY	CP
40A MO MARSHALL	BNPDTL	20090825BXV	APP
40A IL CARBONDALE	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 8
 Scenario 8 Affected station 18
 Before Analysis

Results for: 40A MO ELDON BNPDTL 20090825BVU APP
 HAAT 1.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	153977	6182.0
not affected by terrain losses	153589	6159.4
lost to NTSC IX	1021	15.7
lost to additional IX by ATV	4570	361.0
lost to ATV IX only	5591	370.9
lost to all IX	5591	376.7

Potential Interfering Stations Included in above Scenario 8

40N MO AURORA	BDISTTL	20070216ABF	CP
40N MO MACON	BNPTTL	20000829ASF	CP
40A MO MACON	BDFCDTL	20070220ABY	CP
40A MO SEDALIA	BNPDTL	20090825BXA	APP

After Analysis

Results for: 40A MO ELDON BNPDTL 20090825BVU APP
 HAAT 1.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	153977	6182.0
not affected by terrain losses	153589	6159.4
lost to NTSC IX	1021	15.7
lost to additional IX by ATV	4570	361.0
lost to ATV IX only	5591	370.9
lost to all IX	5591	376.7

Potential Interfering Stations Included in above Scenario 8

40N MO AURORA	BDISTTL	20070216ABF	CP
40N MO MACON	BNPTTL	20000829ASF	CP
40A MO MACON	BDFCDTL	20070220ABY	CP
40A MO SEDALIA	BNPDTL	20090825BXA	APP
40A IL CARBONDALE	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 9
 Scenario 9 Affected station 18
 Before Analysis

Results for: 40A MO ELDON BNPDTL 20090825BVU APP
 HAAT 1.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	153977	6182.0

not affected by terrain losses	153589	6159.4
lost to NTSC IX	1021	15.7
lost to additional IX by ATV	0	0.0
lost to ATV IX only	1019	4.9
lost to all IX	1021	15.7

Potential Interfering Stations Included in above Scenario 9

40N MO AURORA	BDISTTL	20070216ABF	CP
40N MO MACON	BNPTTL	20000829ASF	CP
40A MO MACON	BDFCDTL	20070220ABY	CP

After Analysis

Results for: 40A MO ELDON BNPDTL 20090825BVU APP
HAAT 1.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	153977	6182.0
not affected by terrain losses	153589	6159.4
lost to NTSC IX	1021	15.7
lost to additional IX by ATV	0	0.0
lost to ATV IX only	1019	4.9
lost to all IX	1021	15.7

Potential Interfering Stations Included in above Scenario 9

40N MO AURORA	BDISTTL	20070216ABF	CP
40N MO MACON	BNPTTL	20000829ASF	CP
40A MO MACON	BDFCDTL	20070220ABY	CP
40A IL CARBONDALE	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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Analysis of Interference to Affected Station 19

Analysis of current record

Channel	Call	City/State	Application Ref. No.
40	K40JW-D	MACON MO	BDFCDTL -20070220ABY

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
40	NEW	COLUMBIA MO	76.1	APP	BNPDTL -20090825BUY
40	NEW	ELDON MO	157.3	APP	BNPDTL -20090825BVU
40	NEW	MARSHALL MO	80.9	APP	BNPDTL -20090825BXV
40	NEW	SEDALIA MO	141.0	APP	BNPDTL -20090825BXA
40	NEW-40	CARBONDALE IL	366.7	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 20

Analysis of current record

Channel	Call	City/State	Application Ref. No.
40	K40JW-D	MACON MO	BNPTTL -20000829ASF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
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32	WTJR	QUINCY IL	107.5	CP MOD	BMPCDT	-20080919ABT
33	KTVO	KIRKSVILLE MO	87.0	LIC	BLCDT	-20030604AAC
40	NEW	COLUMBIA MO	76.1	APP	BNPDTL	-20090825BUY
40	NEW	MARSHALL MO	80.9	APP	BNPDTL	-20090825BXV
40	NEW-40	CARBONDALE IL	366.7	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 21

Analysis of current record

Channel	Call	City/State	Application Ref. No.
40	NEW	MARSHALL MO	BNPDTL -20090825BXV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
40	NEW	COLUMBIA MO	65.3	APP	BNPDTL -20090825BUY
40	NEW	ELDON MO	97.7	APP	BNPDTL -20090825BVU
40	K40JW-D	MACON MO	80.9	CP	BDFCDTL -20070220ABY
40	K40JW-D	MACON MO	80.9	CP	BNPTTL -20000829ASF
40	NEW	SEDALIA MO	60.6	APP	BNPDTL -20090825BXA
41	KMCI-TV	LAWRENCE KS	131.0	CP MOD	BMPCDT -20080618ABG
41	KMCI-TV	LAWRENCE KS	131.0	APP	BMPCDT -20100802AUH
41	KMCI-TV	LAWRENCE KS	131.0	LIC	BLCDT -20090619ABY
40	NEW-40	CARBONDALE IL	365.8	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 22

Analysis of current record

Channel	Call	City/State	Application Ref. No.
40	NEW	SEDALIA MO	BNPDTL -20090825BXA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
40	KNJE-LP	AURORA MO	209.8	CP	BDISTTL -20070216ABF
40	NEW	COLUMBIA MO	102.2	APP	BNPDTL -20090825BUY
40	NEW	ELDON MO	71.6	APP	BNPDTL -20090825BVU
40	K40JW-D	MACON MO	141.0	CP	BDFCDTL -20070220ABY
40	K40JW-D	MACON MO	141.0	CP	BNPTTL -20000829ASF
40	NEW	MARSHALL MO	60.6	APP	BNPDTL -20090825BXV
41	KMCI-TV	LAWRENCE KS	117.1	CP MOD	BMPCDT -20080618ABG
41	KMCI-TV	LAWRENCE KS	117.1	APP	BMPCDT -20100802AUH
41	KMCI-TV	LAWRENCE KS	117.1	LIC	BLCDT -20090619ABY
40	NEW-40	CARBONDALE IL	366.4	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 23

Analysis of current record

Channel	Call	City/State	Application Ref. No.
40	W40CY-D	CORINTH MS	BNPDTL -20090902ABG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
39	WJKT	JACKSON TN	114.4	LIC	BLCDT	-20050323AER
40	WDBD	JACKSON MS	352.8	LIC	BLCDT	-20090612ADU
40	W40BZ	TUPELO MS	75.4	CP	BPTTL	-20090825AAA
40	WDSI-TV	CHATTANOOGA TN	286.7	LIC	BLCDT	-20051011ABS
41	WBUY-TV	HOLLY SPRINGS MS	116.5	LIC	BLCDT	-20060320AEN
41	WBUY-TV	HOLLY SPRINGS MS	130.1	APP	BPCDT	-20100506ADQ
41	WBUY-TV	HOLLY SPRINGS MS	130.1	CP MOD	BMPCDT	-20090706AEW
40	NEW-40	CARBONDALE IL	317.5	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 24

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
40	W40BZ	TUPELO MS	BPTTL	-20090825AAA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
33	WCFT-TV	TUSCALOOSA AL	141.3	CP MOD	BMPCDT	-20090611ACX
36	WMAV-TV	OXFORD MS	99.2	LIC	BLEDT	-20090612AAK
39	W39CD	FULTON MS	41.4	CP	BPTTA	-20100601AGO
39	W39CD	FULTON MS	41.4	LIC	BLTTA	-20090811ABQ
40	W40CY-D	CORINTH MS	75.4	CP	BNPDTL	-20090902ABG
40	WDBD	JACKSON MS	281.3	LIC	BLCDT	-20090612ADU
40	WDSI-TV	CHATTANOOGA TN	323.0	LIC	BLCDT	-20051011ABS
41	WBUY-TV	HOLLY SPRINGS MS	125.4	LIC	BLCDT	-20060320AEN
43	WMAA	COLUMBUS MS	48.5	CP MOD	BMPEDT	-20020611ABI
40	NEW-40	CARBONDALE IL	385.5	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 25

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
40	W40BZ	TUPELO MS	BLTTL	-20070730ALP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
33	WCFT-TV	TUSCALOOSA AL	138.7	CP MOD	BMPCDT	-20090611ACX
36	WMAV-TV	OXFORD MS	96.7	LIC	BLEDT	-20090612AAK
40	WDBD	JACKSON MS	272.7	LIC	BLCDT	-20090612ADU
40	WDSI-TV	CHATTANOOGA TN	328.8	LIC	BLCDT	-20051011ABS
41	WBUY-TV	HOLLY SPRINGS MS	128.7	LIC	BLCDT	-20060320AEN
43	WMAA	COLUMBUS MS	39.8	CP MOD	BMPEDT	-20020611ABI
40	NEW-40	CARBONDALE IL	393.5	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 26

Analysis of current record

Channel	Call	City/State	Application Ref. No.
41	WYYW-LP	EVANSVILLE IN	BLTTL -20090528AMH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
38	WKMJ-TV	LOUISVILLE KY	132.6	LIC	BLEDT -20030410AAK
39	WFXW	TERRE HAUTE IN	140.0	LIC	BLCDT -20090618AAW
41	WZDX	HUNTSVILLE AL	367.2	CP	BPCDT -20080619AJV
41	WICD	CHAMPAIGN IL	238.1	LIC	BLCDT -20050620AAO
41	WKPD	PADUCAH KY	158.5	LIC	BLEDT -20020304ALI
41	WBUY-TV	HOLLY SPRINGS MS	375.2	APP	BPCDT -20100506ADQ
41	WBUY-TV	HOLLY SPRINGS MS	375.2	CP MOD	BMPCDT -20090706AEW
41	WHIO-TV	DAYTON OH	325.7	LIC	BLCDT -20040614AEY
41	WHIO-TV	DAYTON OH	325.7	CP	BPCDT -20080619ACK
42	WKMA-TV	MADISONVILLE KY	91.2	LIC	BLEDT -20020304ALF
43	WKZT-TV	ELIZABETHTOWN KY	129.8	LIC	BLEDT -20011221ABK
45	WEVV-TV	EVANSVILLE IN	26.4	LIC	BLCDT -20080404ACD
48	WKGB-TV	BOWLING GREEN KY	114.4	LIC	BLEDT -20020304ALH
49	WDRB	LOUISVILLE KY	130.5	CP MOD	BMPCDT -20080620AJS
40	NEW-40	CARBONDALE IL	175.2	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 27

Analysis of current record

Channel	Call	City/State	Application Ref. No.
41	WKPD	PADUCAH KY	BLEDT -20020304ALI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
41	WZDX	HUNTSVILLE AL	325.2	CP	BPCDT -20080619AJV
41	WICD	CHAMPAIGN IL	337.3	LIC	BLCDT -20050620AAO
41	WBUY-TV	HOLLY SPRINGS MS	251.1	LIC	BLCDT -20060320AEN
41	WBUY-TV	HOLLY SPRINGS MS	225.1	APP	BPCDT -20100506ADQ
41	WBUY-TV	HOLLY SPRINGS MS	225.1	CP MOD	BMPCDT -20090706AEW
42	WKMA-TV	MADISONVILLE KY	103.2	LIC	BLEDT -20020304ALF
40	NEW-40	CARBONDALE IL	84.4	APP	USERRECORD-01

Total scenarios = 3

Result key: 10
Scenario 1 Affected station 27
Before Analysis

Results for: 41A KY PADUCAH BLEDT 20020304ALI LIC

HAAT 143.0 m, ATV ERP 55.7 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	242347	11461.1
not affected by terrain losses	241548	11338.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	296	65.8
lost to ATV IX only	296	65.8
lost to all IX	296	65.8

Potential Interfering Stations Included in above Scenario 1

41A AL HUNTSVILLE	BPCDT	20080619AJV	CP
41A IL CHAMPAIGN	BLCDT	20050620AAO	LIC
41A MS HOLLY SPRINGS	BLCDT	20060320AEN	LIC
42A KY MADISONVILLE	BLEDT	20020304ALF	LIC

After Analysis

Results for: 41A KY PADUCAH BLEDT 20020304ALI LIC
 HAAT 143.0 m, ATV ERP 55.7 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	242347	11461.1
not affected by terrain losses	241548	11338.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	581	89.8
lost to ATV IX only	581	89.8
lost to all IX	581	89.8

Potential Interfering Stations Included in above Scenario 1

41A AL HUNTSVILLE	BPCDT	20080619AJV	CP
41A IL CHAMPAIGN	BLCDT	20050620AAO	LIC
41A MS HOLLY SPRINGS	BLCDT	20060320AEN	LIC
42A KY MADISONVILLE	BLEDT	20020304ALF	LIC
40A IL CARBONDALE	USERRECORD01		APP

Percent new IX = 0.1181%

Result key: 11
 Scenario 2 Affected station 27
 Before Analysis

Results for: 41A KY PADUCAH BLEDT 20020304ALI LIC
 HAAT 143.0 m, ATV ERP 55.7 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	242347	11461.1
not affected by terrain losses	241548	11338.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1123	167.6
lost to ATV IX only	1123	167.6
lost to all IX	1123	167.6

Potential Interfering Stations Included in above Scenario 2

41A AL HUNTSVILLE	BPCDT	20080619AJV	CP
41A IL CHAMPAIGN	BLCDT	20050620AAO	LIC
41A MS HOLLY SPRINGS	BMPCDT	20090706AEW	CP
42A KY MADISONVILLE	BLEDT	20020304ALF	LIC

After Analysis

Results for: 41A KY PADUCAH BLEDT 20020304ALI LIC
 HAAT 143.0 m, ATV ERP 55.7 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	242347	11461.1
not affected by terrain losses	241548	11338.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1368	187.5
lost to ATV IX only	1368	187.5
lost to all IX	1368	187.5

Potential Interfering Stations Included in above Scenario 2

41A AL HUNTSVILLE	BPCDT	20080619AJV	CP
41A IL CHAMPAIGN	BLCDT	20050620AAO	LIC
41A MS HOLLY SPRINGS	BMPCDT	20090706AEW	CP
42A KY MADISONVILLE	BLEDT	20020304ALF	LIC
40A IL CARBONDALE	USERRECORD01		APP

Percent new IX = 0.1019%

Result key: 12
Scenario 3 Affected station 27
Before Analysis

Results for: 41A KY PADUCAH BLEDT 20020304ALI LIC
HAAT 143.0 m, ATV ERP 55.7 kW
POPULATION AREA (sq km)
within Noise Limited Contour 242347 11461.1
not affected by terrain losses 241548 11338.4
lost to NTSC IX 0 0.0
lost to additional IX by ATV 1123 165.6
lost to ATV IX only 1123 165.6
lost to all IX 1123 165.6

Potential Interfering Stations Included in above Scenario 3

41A AL HUNTSVILLE	BPCDT	20080619AJV	CP
41A IL CHAMPAIGN	BLCDT	20050620AAO	LIC
41A MS HOLLY SPRINGS	BPCDT	20100506ADQ	APP
42A KY MADISONVILLE	BLEDT	20020304ALF	LIC

After Analysis

Results for: 41A KY PADUCAH BLEDT 20020304ALI LIC
HAAT 143.0 m, ATV ERP 55.7 kW
POPULATION AREA (sq km)
within Noise Limited Contour 242347 11461.1
not affected by terrain losses 241548 11338.4
lost to NTSC IX 0 0.0
lost to additional IX by ATV 1368 185.5
lost to ATV IX only 1368 185.5
lost to all IX 1368 185.5

Potential Interfering Stations Included in above Scenario 3

41A AL HUNTSVILLE	BPCDT	20080619AJV	CP
41A IL CHAMPAIGN	BLCDT	20050620AAO	LIC
41A MS HOLLY SPRINGS	BPCDT	20100506ADQ	APP
42A KY MADISONVILLE	BLEDT	20020304ALF	LIC
40A IL CARBONDALE	USERRECORD01		APP

Percent new IX = 0.1019%

Worst case new IX 0.1181% Scenario 1

#####

Analysis of Interference to Affected Station 28

Analysis of current record

Channel	Call	City/State	Application Ref. No.
47	K47FB	CAPE GIRARDEAU MO	BLTTL -20001130AAY

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
47	WRBU	EAST ST. LOUIS IL	157.3	LIC	BLCDT -20020510ABC
47	WRBU	EAST ST. LOUIS IL	157.3	CP	BPCDT -20080620AGT
47	WAVE	LOUISVILLE KY	358.6	LIC	BLCDT -20030306ABQ
47	WLJT-DT	LEXINGTON TN	184.8	LIC	BLEDT -20080219BJY
49	WDKA	PADUCAH KY	65.1	CP MOD	BMPCDT -20100129AEC
40	NEW-40	CARBONDALE IL	69.9	APP	USERRECORD-01

Proposed station is beyond the site to

nearest cell evaluation distance

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Analysis of Interference to Affected Station 29

Analysis of current record

Channel	Call	City/State	Application Ref. No.
47	K47FB	CAPE GIRARDEAU MO	BPTTL -20020927ABL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
39	KETC	ST. LOUIS MO	145.0	LIC	BLEDT -20020816AAQ
39	KETC	ST. LOUIS MO	145.0	CP MOD	BMPEDT -20080617AEP
47	WRBU	EAST ST. LOUIS IL	140.8	LIC	BLCDT -20020510ABC
47	WRBU	EAST ST. LOUIS IL	140.8	CP	BPCDT -20080620AGT
47	WAVE	LOUISVILLE KY	343.1	LIC	BLCDT -20030306ABQ
47	WLJT-DT	LEXINGTON TN	203.1	LIC	BLEDT -20080219BJY
49	WDKA	PADUCAH KY	52.3	CP MOD	BMPCDT -20100129AEC
40	NEW-40	CARBONDALE IL	45.7	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 30

Analysis of current record

Channel	Call	City/State	Application Ref. No.
40	NEW-40	CARBONDALE IL	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
39	KETC	ST. LOUIS MO	133.3	LIC	BLEDT -20020816AAQ
39	KETC	ST. LOUIS MO	133.3	CP MOD	BMPEDT -20080617AEP
41	WKPD	PADUCAH KY	84.4	LIC	BLEDT -20020304ALI

Total scenarios = 1

Result key: 13

Scenario 1 Affected station 30
Before Analysis

Results for: 40A IL CARBONDALE USERRECORD01 APP
HAAT 89.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	188463	5274.3
not affected by terrain losses	188449	5264.4
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

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