

# OET-69 Interference Analysis (K38FO, Carbondale, CO, Ch. 38)(Summary Results)

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  
/export/home/cdbs/pt\_tvdb.sff  
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 09-28-2011

Record Selected for Analysis

K38FO USERRECORD-01 CARBONDALE CO US  
Channel 38 ERP 0.14 kW HAAT 796. m RCAMSL 03241 m FULL SERVICE MASK  
Latitude 039-25-21 Longitude 0107-22-31  
Status APP Zone 2 Border Site number: 01  
Dir Antenna Make CDB Model 00000000020748 Beam tilt N Ref Azimuth 90.  
Last update Cutoff date Docket  
Comments  
Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 0.10 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	0.000	824.2	4.5	
45.0	0.050	1131.1	38.9	
90.0	0.140	1174.5	46.3	
135.0	0.051	731.4	34.0	
180.0	0.000	288.9	1.9	
225.0	0.000	508.1	1.8	
270.0	0.000	734.0	6.5	
315.0	0.000	973.5	1.8	

Contour Overlap to Proposed Station

Station  
K38FO 38 CARBONDALE CO BLTT20040714AAL

Station inside contour of Digital LPTV station  
K38FO 38 CARBONDALE CO USERRECORD01

Station  
K39HE 39 WOODY CREEK CO BLTT20041104ASZ

Station inside contour of Digital LPTV station  
K38FO 38 CARBONDALE CO USERRECORD01

Contour Overlap Evaluation to Proposed Station Complete

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

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Start of Interference Analysis

Channel	Call	Proposed Station	City/State	ARN
38	K38FO	CARBONDALE	CO	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
30	K30IU	GRAND JUNCTION CO	95.2	LIC	BLTTL	-20090227ACE
31	K31DW	MESA CO	80.8	LIC	BLTT	-19940803IB
34	K69AO	POWDERHORN CO	82.2	CP MOD	BMPTT	-20080107AAP
36	K36DB	AVON CO	75.7	LIC	BLTTA	-20050921AIM

# OET-69 Interference Analysis (K38FO, Carbondale, CO, Ch. 38)(Summary Results)

36	K36DB	AVON CO	76.6	CP	BPTTA	-20101021ABB
36	K36AF	NEW CASTLE CO	20.8	LIC	BLTTL	-19880531IL
38	NEW	ARRIBA CO	349.8	APP	BNPDTL	-20100514AFF
38	NEW	ASPEN CO	51.3	APP	BMJADTL	-20100506AAD
38	KJCS-LP	COLORADO SPRINGS CO	229.6	CP	BDFCDTL	-20080924AKL
38	KJCS-LP	COLORADO SPRINGS CO	229.6	LIC	BLTTL	-19960627JB
38	KHDT-LP	DENVER CO	186.4	CP	BDISTTL	-20070227AEA
38	K38JD	DURANGO CO	240.5	LIC	BLTTL	-20090319AEC
38	K38JD	DURANGO CO	244.4	CP	BPTTL	-20090709AEG
38	K38JX-D	GRAND JUNCTION CO	95.2	LIC	BLDTL	-20090713ADG
38	KPJR-TV	GREELEY CO	224.4	LIC	BLCDT	-20090612ADP
38	K38LK-D	JACKS CABIN CO	92.7	CP	BNPDTL	-20090825BMU
38	K38ND-D	PUEBLO CO	366.3	CP	BNPDTL	-20100329AAJ
38	K38LI-D	REDSTONE CO	24.5	CP	BNPDTT	-20090825AFF
38	NEW	STEAMBOAT SPRINGS CO	126.8	APP	BMJADTL	-20100517AFE
38	NEW	VAIL CO	83.1	APP	BMJADTL	-20100510APH
38	K38LD-D	WOODY CREEK CO	38.8	LIC	BLDTT	-20100308AAJ
38	K38AD-D	YUMA CO	397.7	CP MOD	BMPTT	-20011106AAP
38	K38AD-D	YUMA CO	397.7	LIC	BLDTT	-20110808ABL
38	K38DA-D	AZTEC NM	293.4	LIC	BLDTT	-20060927AIP
38	K35GY	CUBA NM	381.8	CP	BDISDTT	-20060811ABW
38	K38EC-D	EAGLES NEST NM	371.1	LIC	BLDTT	-20091113ABU
38	NEW	SANTA FE NM	388.9	APP	BNPDTL	-20091014AAV
38	K38CJ	BICKNELL, ETC. UT	379.6	LIC	BLTTL	-19900724IA
38	K38AJ	BLANDING, ETC. UT	252.9	LIC	BLTT	-19811222IB
38	K38LG-D	CLEAR CREEK UT	324.9	CP	BNPDTT	-20090825AHI
38	K38MF-D	DUCHESE UT	270.1	LIC	BLDTT	-20101216ABD
38	K38KS-D	EAST PRICE UT	295.5	LIC	BLDTT	-20090720AAU
38	K38MV-D	FOUNTAIN GREEN UT	361.4	LIC	BLDTT	-20110418AAW
38	K38GP	GREEN RIVER UT	279.2	LIC	BLTT	-20030806ABV
38	DK38HW	HENEFER & ECHO UT	385.6	LIC	BLTT	-20040409AAQ
38	K38KA-D	KOOSHAREM UT	398.5	LIC	BLDTT	-20110114ABQ
38	K38MT-D	MANILA, ETC UT	243.4	CP	BNPDTT	-20100119ACZ
38	K38LH-D	MAYFIELD UT	375.2	LIC	BLDTT	-20100414ABF
38	K32FR	ORANGEVILLE UT	324.7	APP	BSTA	-20050126AMJ
38	K38KP-D	ORANGEVILLE UT	324.7	LIC	BLDTT	-20080125ABK
38	K38GN	RANDOLPH UT	400.2	CP	BDFCDTT	-20110803AAG
38	K38GN	RANDOLPH & WOODRUFF UT	400.2	LIC	BLTT	-20030611AAL
38	K38GO	ROOSEVELT UT	257.4	LIC	BLTT	-20040409AAJ
38	K38HV	SAMAK UT	356.8	LIC	BLTT	-20040409AAO
38	K38MW-D	TORREY, ETC. UT	379.6	LIC	BLDTT	-20110128AET
38	NEW	VERNAL, ETC, UT	184.1	APP	BNPDTT	-20090825BYX
38	K38KD-D	WOODLAND & KAMAS UT	353.0	LIC	BLDTT	-20090624AEB
38	K38BZ	BIGELOW BEACH AREA WY	367.8	LIC	BLTT	-19880719IB
38	K38JV-D	CHEYENNE WY	280.8	CP	BDCCDTL	-20061003AFE
38	K61DX	LARAMIE WY	262.9	APP	BDISDTT	-20110811AAW
38	NEW	WHEATLAND WY	344.7	APP	BNPDTL	-20100510AEQ
39	K39JN-D	DENVER CO	175.4	CP	BDCCDTL	-20061030AQM
39	KQDK-CA	DENVER CO	186.7	CP	BDFCDTA	-20090701AAA
39	K49IB	ESTES PARK CO	175.4	APP	BDISDTL	-20070122AKF
39	K39BT	FRASER, ETC. CO	145.7	LIC	BLTT	-19890609II
39	KHGS-LD	GLENWOOD SPRINGS CO	12.6	LIC	BLDTL	-20090803AEA
39	K39AF	GRAND JUNCTION, ETC. CO	82.1	LIC	BLTT	-19810724IK
39	K39CD	LAKE GEORGE CO	165.5	LIC	BLTT	-19890808IB
39	K39DC	PARLIN CO	118.1	CP	BDFCDTT	-20100208ACE
39	K39DC	PARLIN-DOYLEVILLE CO	118.3	LIC	BLTT	-19920821JC
39	K39HE	WOODY CREEK CO	38.8	LIC	BLTT	-20041104ASZ
39	K39AK	VERNAL UT	184.1	LIC	BLTT	-19970624JE
40	KCXP-LP	ASPEN CO	60.5	LIC	BLTTL	-20080229AAP
40	K40CS	RULISON CO	51.4	LIC	BLTT	-19910315JH
41	K41AE	GRAND JUNCTION, ETC. CO	82.1	LIC	BLTT	-19810724IL
42	K42EV	GLENWOOD SPRINGS CO	15.0	LIC	BLTT	-20000928AAY
45	K45IT	GRAND JUNCTION CO	124.6	LIC	BLTT	-20050929AYX
45	K45AF	PARACHUTE, ETC. CO	50.8	LIC	BLTT	-19921020JD
45	K45KT-D	SARGENTS CO	137.5	CP	BDISTT	-20090210AEE
45	K45IE	VAIL CO	75.9	LIC	BLTTL	-20050119AAV

%%%

## Analysis of Interference to Affected Station 1

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
30	K30IU	GRAND JUNCTION CO	BLTTL	-20090227ACE

### Stations Potentially Affecting This Station

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.
31	K31DW	MESA CO	BLTT	-19940803IB

### Stations Potentially Affecting This Station

Proposed station is beyond the site to nearest cell evaluation distance

## OET-69 Interference Analysis (K38FO, Carbondale, CO, Ch. 38)(Summary Results)

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### Analysis of Interference to Affected Station 3

Analysis of current record  
Channel Call City/State Application Ref. No.  
34 K69AO POWDERHORN CO BMPTT -20080107AAP

Stations Potentially Affecting This Station

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.  
36 K36DB AVON CO BLTTA -20050921AIM

Stations Potentially Affecting This Station

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.  
36 K36DB AVON CO BPTTA -20101021ABB

Stations Potentially Affecting This Station

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.  
36 K36AF NEW CASTLE CO BLTTL -19880531IL

Stations Potentially Affecting This Station

Proposal causes no interference

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### Analysis of Interference to Affected Station 7

Analysis of current record  
Channel Call City/State Application Ref. No.  
38 NEW ARRIBA CO BNPDTL -20100514AFF

Stations Potentially Affecting This Station

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.  
38 NEW ASPEN CO BMJADTL -20100506AAD

Stations Potentially Affecting This Station

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.

## OET-69 Interference Analysis (K38FO, Carbondale, CO, Ch. 38)(Summary Results)

38 KJCS-LP COLORADO SPRINGS CO BDFCDTL -20080924AKL

Stations Potentially Affecting This Station

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.
38	KJCS-LP	COLORADO SPRINGS CO	BLTTL	-19960627JB

Stations Potentially Affecting This Station

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.
38	KHDT-LP	DENVER CO	BDISTTL	-20070227AEA

Stations Potentially Affecting This Station

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.
38	K38JD	DURANGO CO	BLTTL	-20090319AEC

Stations Potentially Affecting This Station

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.
38	K38JD	DURANGO CO	BPTTL	-20090709AEZ

Stations Potentially Affecting This Station

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.
38	K38JX-D	GRAND JUNCTION CO	BLDTL	-20090713ADG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
38	NEW	ASPEN CO	126.1	APP	BMJADTL	-20100506AAD
38	K38FO	CARBONDALE CO	95.2	LIC	BLTT	-20040714AAL
38	KJCS-LP	COLORADO SPRINGS CO	291.9	CP	BDFCDTL	-20080924AKL
38	KJCS-LP	COLORADO SPRINGS CO	291.8	LIC	BLTTL	-19960627JB
38	K38JD	DURANGO CO	181.8	CP	BPTTL	-20090709AEZ
38	KPJR-TV	GREELEY CO	316.0	LIC	BLCDT	-20090612ADP
38	K38LK-D	JACKS CABIN CO	124.1	CP	BNPDTL	-20090825BMU
38	K38LI-D	REDSTONE CO	95.9	CP	BNPDTT	-20090825AFF
38	NEW	STEAMBOAT SPRINGS CO	216.4	APP	BMJADTL	-20100517AFE
38	NEW	VAIL CO	174.8	APP	BMJADTL	-20100510APH
38	K38LD-D	WOODY CREEK CO	120.3	LIC	BLDTT	-20100308AAJ
38	K38AJ	BLANDING, ETC. UT	158.2	LIC	BLTT	-19811222IB
38	K38GP	GREEN RIVER UT	208.3	LIC	BLTT	-20030806ABV
38	KSL-TV	SALT LAKE CITY UT	393.1	LIC	BLCDT	-20050614ABG
38	NEW	VERNAL, ETC, UT	182.3	APP	BNPDTT	-20090825BYX
39	K39AF	GRAND JUNCTION, ETC. CO	23.5	LIC	BLTT	-19810724IK
38	K38FO	CARBONDALE CO	95.2	APP	USERRECORD-01	

Total scenarios = 1

## OET-69 Interference Analysis (K38FO, Carbondale, CO, Ch. 38)(Summary Results)

Result key: 1  
Scenario 1 Affected station 14  
Before Analysis

Results for: 38A CO GRAND JUNCTION BLDTL 20090713ADG LIC  
HAAT 621.0 m, ATV ERP 5.3 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	111017	2834.6
not affected by terrain losses	108203	2632.5
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: 38A CO GRAND JUNCTION BLDTL 20090713ADG LIC  
HAAT 621.0 m, ATV ERP 5.3 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	111017	2834.6
not affected by terrain losses	108203	2632.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	24	5.0
lost to ATV IX only	24	5.0
lost to all IX	24	5.0

Potential Interfering Stations Included in above Scenario 1

38A CO CARBONDALE USERRECORD01 APP

Percent new IX = 0.0222%

Worst case new IX 0.0222% Scenario 1

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### Analysis of Interference to Affected Station 15

Analysis of current record  
Channel Call City/State Application Ref. No.  
38 KPJR-TV GREELEY CO BLCDDT -20090612ADP

#### Stations Potentially Affecting This Station

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.  
38 K38LK-D JACKS CABIN CO BNPDTL -20090825BMU

#### Stations Potentially Affecting This Station

Proposal causes no interference

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### Analysis of Interference to Affected Station 17

Analysis of current record  
Channel Call City/State Application Ref. No.  
38 K38ND-D PUEBLO CO BNPDTL -20100329AAJ

#### Stations Potentially Affecting This Station

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.  
38 K38LI-D REDSTONE CO BNPDTT -20090825AFF

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
38	NEW	ASPEN CO	32.9	APP	BMJADTL -20100506AAD
38	K38FO	CARBONDALE CO	24.5	LIC	BLTT -20040714AAL
38	KJCS-LP	COLORADO SPRINGS CO	210.8	CP	BDFCDTL -20080924AKL
38	KJCS-LP	COLORADO SPRINGS CO	210.8	LIC	BLTTL -19960627JB

# OET-69 Interference Analysis (K38FO, Carbondale, CO, Ch. 38)(Summary Results)

38	K38JX-D	GRAND JUNCTION CO	95.9	LIC	BLDTL	-20090713ADG
38	KPJR-TV	GREELEY CO	220.1	LIC	BLCDDT	-20090612ADP
38	K38LK-D	JACKS CABIN CO	68.2	CP	BNPDTL	-20090825BMU
38	NEW	STEAMBOAT SPRINGS CO	141.1	APP	BMJADTL	-20100517AFE
38	NEW	VAIL CO	79.5	APP	BMJADTL	-20100510APH
38	K38LD-D	WOODY CREEK CO	24.5	LIC	BLDTT	-20100308AAJ
39	KHGS-LD	GLENWOOD SPRINGS CO	34.3	LIC	BLDTL	-20090803AEA
39	K39HE	WOODY CREEK CO	24.5	LIC	BLTT	-20041104ASZ
38	K38FO	CARBONDALE CO	24.5	APP	USERRECORD-01	

Total scenarios = 1

Result key: 2  
 Scenario 1 Affected station 18  
 Before Analysis

Results for: 38A CO REDSTONE BNPDTT 20090825AFF CP  
 HAAT 601.0 m, ATV ERP 0.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5810	212.2
not affected by terrain losses	3361	198.3
lost to NTSC IX	2836	6.9
lost to additional IX by ATV	0	0.0
lost to ATV IX only	1014	1.0
lost to all IX	2836	6.9

Potential Interfering Stations Included in above Scenario 1

39A CO GLENWOOD SPRINGS	BLDTL	20090803AEA	LIC
38N CO CARBONDALE	BLTT	20040714AAL	LIC

After Analysis

Results for: 38A CO REDSTONE BNPDTT 20090825AFF CP  
 HAAT 601.0 m, ATV ERP 0.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5810	212.2
not affected by terrain losses	3361	198.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2836	12.9
lost to ATV IX only	2836	12.9
lost to all IX	2836	12.9

Potential Interfering Stations Included in above Scenario 1

39A CO GLENWOOD SPRINGS	BLDTL	20090803AEA	LIC
38A CO 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.  
 38 NEW STEAMBOAT SPRINGS CO BMJADTL -20100517AFE

Stations Potentially Affecting This Station

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.  
 38 NEW VAIL CO BMJADTL -20100510APH

Stations Potentially Affecting This Station

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.  
 38 K38LD-D WOODY CREEK CO BLDTT -20100308AAJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
38	NEW	ASPEN CO	13.5	APP	BMJADTL -20100506AAD
38	K38FO	CARBONDALE CO	38.8	LIC	BLTT -20040714AAL

# OET-69 Interference Analysis (K38FO, Carbondale, CO, Ch. 38)(Summary Results)

38	KJCS-LP	COLORADO SPRINGS CO	190.8	CP	BDFCDTL	-20080924AKL
38	KJCS-LP	COLORADO SPRINGS CO	190.8	LIC	BLTTL	-19960627JB
38	KHDT-LP	DENVER CO	156.8	CP	BDISTTL	-20070227AEA
38	K38JX-D	GRAND JUNCTION CO	120.3	LIC	BLDTL	-20090713ADG
38	KPJR-TV	GREELEY CO	195.8	LIC	BLCDT	-20090612ADP
38	K38LK-D	JACKS CABIN CO	67.4	CP	BNPDTL	-20090825BMU
38	K38LI-D	REDSTONE CO	24.5	CP	BNPDTT	-20090825AFF
38	NEW	STEAMBOAT SPRINGS CO	128.4	APP	BMJADTL	-20100517AFE
38	NEW	VAIL CO	56.2	APP	BMJADTL	-20100510APH
39	KHGS-LD	GLENWOOD SPRINGS CO	41.9	LIC	BLDTL	-20090803AEA
39	K39HE	WOODY CREEK CO	0.0	LIC	BLTT	-20041104ASZ
38	K38FO	CARBONDALE CO	38.8	APP	USERRECORD-01	

Total scenarios = 2

Result key: 3  
 Scenario 1 Affected station 21  
 Before Analysis

Result key: 4  
 Scenario 2 Affected station 21  
 Before Analysis

Results for: 38A CO WOODY CREEK BLDTT 20100308AAJ LIC  
 HAAT 468.0 m, ATV ERP 0.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	12686	368.0
not affected by terrain losses	12031	358.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2419	12.9
lost to ATV IX only	2419	12.9
lost to all IX	2419	12.9

Potential Interfering Stations Included in above Scenario 2

38A CO ASPEN BMJADTL 20100506AAD APP

After Analysis

Results for: 38A CO WOODY CREEK BLDTT 20100308AAJ LIC  
 HAAT 468.0 m, ATV ERP 0.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	12686	368.0
not affected by terrain losses	12031	358.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2608	44.6
lost to ATV IX only	2608	44.6
lost to all IX	2608	44.6

Potential Interfering Stations Included in above Scenario 2

38A CO ASPEN BMJADTL 20100506AAD APP  
 38A CO CARBONDALE USERRECORD01 APP

Percent new IX = 1.9663%

Worst case new IX 1.9663% Scenario 2

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## Analysis of Interference to Affected Station 22

Analysis of current record  
 Channel Call City/State Application Ref. No.  
 38 K38AD-D YUMA CO BMPTT -20011106AAP

Stations Potentially Affecting This Station

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.  
 38 K38AD-D YUMA CO BLDTT -20110808ABL

Stations Potentially Affecting This Station

Proposed station is beyond the site to  
 nearest cell evaluation distance

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## Analysis of Interference to Affected Station 24

Analysis of current record

## OET-69 Interference Analysis (K38FO, Carbondale, CO, Ch. 38)(Summary Results)

Channel	Call	City/State	Application	Ref. No.
38	K38DA-D	AZTEC NM	BLDTT	-20060927AIP

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 25

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
38	K35GY	CUBA NM	BDISDTT	-20060811ABW

Stations Potentially Affecting This Station

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.
38	K38EC-D	EAGLES NEST NM	BLDTT	-20091113ABU

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 27

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
38	NEW	SANTA FE NM	BNPDTL	-20091014AAV

Stations Potentially Affecting This Station

Proposed station is beyond the site to  
nearest cell evaluation distance

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Analysis of Interference to Affected Station 28

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
38	K38CJ	BICKNELL, ETC. UT	BLTTL	-19900724IA

Stations Potentially Affecting This Station

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.
38	K38AJ	BLANDING, ETC. UT	BLTT	-19811222IB

Stations Potentially Affecting This Station

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.
38	K38LG-D	CLEAR CREEK UT	BNPDTT	-20090825AHI

Stations Potentially Affecting This Station

Proposed station is beyond the site to  
nearest cell evaluation distance

#####



## OET-69 Interference Analysis (K38FO, Carbondale, CO, Ch. 38)(Summary Results)

### Analysis of Interference to Affected Station 31

Analysis of current record	Channel	Call	City/State	Application	Ref. No.
	38	K38MF-D	DUCHESNE UT	BLDTT	-20101216ABD

Stations Potentially Affecting This Station

Proposal causes no interference

#####

### Analysis of Interference to Affected Station 32

Analysis of current record	Channel	Call	City/State	Application	Ref. No.
	38	K38KS-D	EAST PRICE UT	BLDTT	-20090720AAU

Stations Potentially Affecting This Station

Proposal causes no interference

#####

### Analysis of Interference to Affected Station 33

Analysis of current record	Channel	Call	City/State	Application	Ref. No.
	38	K38MV-D	FOUNTAIN GREEN UT	BLDTT	-20110418AAW

Stations Potentially Affecting This Station

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

### Analysis of Interference to Affected Station 34

Analysis of current record	Channel	Call	City/State	Application	Ref. No.
	38	K38GP	GREEN RIVER UT	BLTT	-20030806ABV

Stations Potentially Affecting This Station

Proposal causes no interference

#####

### Analysis of Interference to Affected Station 35

Analysis of current record	Channel	Call	City/State	Application	Ref. No.
	38	DK38HW	HENEFER & ECHO UT	BLTT	-20040409AAQ

Stations Potentially Affecting This Station

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

### Analysis of Interference to Affected Station 36

Analysis of current record	Channel	Call	City/State	Application	Ref. No.
	38	K38KA-D	KOOSHAREM UT	BLDTT	-20110114ABQ

Stations Potentially Affecting This Station

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

### Analysis of Interference to Affected Station 37

Analysis of current record	Channel	Call	City/State	Application	Ref. No.
	38	K38MT-D	MANILA, ETC UT	BNPDTT	-20100119ACZ

## OET-69 Interference Analysis (K38FO, Carbondale, CO, Ch. 38)(Summary Results)

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 38

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
38	K38LH-D	MAYFIELD UT	BLDTT	-20100414ABF

Stations Potentially Affecting This Station

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 39

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
38	K32FR	ORANGEVILLE UT	BSTA	-20050126AMJ

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 40

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
38	K38KP-D	ORANGEVILLE UT	BLDTT	-20080125ABK

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 41

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
38	K38GN	RANDOLPH UT	BDFCDTT	-20110803AAG

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 42

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
38	K38GN	RANDOLPH & WOODRUFF UT	BLTT	-20030611AAL

Stations Potentially Affecting This Station

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 43

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
38	K38GO	ROOSEVELT UT	BLTT	-20040409AAJ

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 44

## OET-69 Interference Analysis (K38FO, Carbondale, CO, Ch. 38)(Summary Results)

Analysis of current record  
Channel Call City/State Application Ref. No.  
38 K38HV SAMAK UT BLTT -20040409AAO

Stations Potentially Affecting This Station

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 45

Analysis of current record  
Channel Call City/State Application Ref. No.  
38 K38MW-D TORREY, ETC. UT BLDTT -20110128AET

Stations Potentially Affecting This Station

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 46

Analysis of current record  
Channel Call City/State Application Ref. No.  
38 NEW VERNAL, ETC, UT BNPDTT -20090825BYX

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 47

Analysis of current record  
Channel Call City/State Application Ref. No.  
38 K38KD-D WOODLAND & KAMAS UT BLDTT -20090624AEB

Stations Potentially Affecting This Station

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 48

Analysis of current record  
Channel Call City/State Application Ref. No.  
38 K38BZ BIGELOW BEACH AREA WY BLTT -19880719IB

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 49

Analysis of current record  
Channel Call City/State Application Ref. No.  
38 K38JV-D CHEYENNE WY BDCCDTL -20061003AFE

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 50

Analysis of current record  
Channel Call City/State Application Ref. No.  
38 K61DX LARAMIE WY BDISDTT -20110811AAW

Stations Potentially Affecting This Station

Proposal causes no interference

#####

## OET-69 Interference Analysis (K38FO, Carbondale, CO, Ch. 38)(Summary Results)

### Analysis of Interference to Affected Station 51

Analysis of current record  
Channel Call City/State Application Ref. No.  
38 NEW WHEATLAND WY BNPDTL -20100510AEQ

Stations Potentially Affecting This Station

Proposal causes no interference

#####

### Analysis of Interference to Affected Station 52

Analysis of current record  
Channel Call City/State Application Ref. No.  
39 K39JN-D DENVER CO BDCCDTL -20061030AQM

Stations Potentially Affecting This Station

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

### Analysis of Interference to Affected Station 53

Analysis of current record  
Channel Call City/State Application Ref. No.  
39 KQDK-CA DENVER CO BDFCDTA -20090701AAA

Stations Potentially Affecting This Station

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

### Analysis of Interference to Affected Station 54

Analysis of current record  
Channel Call City/State Application Ref. No.  
39 K49IB ESTES PARK CO BDISDTL -20070122AKF

Stations Potentially Affecting This Station

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

### Analysis of Interference to Affected Station 55

Analysis of current record  
Channel Call City/State Application Ref. No.  
39 K39BT FRASER, ETC. CO BLTT -19890609II

Stations Potentially Affecting This Station

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

### Analysis of Interference to Affected Station 56

Analysis of current record  
Channel Call City/State Application Ref. No.  
39 KHGS-LD GLENWOOD SPRINGS CO BLDTL -20090803AEA

Stations Potentially Affecting This Station

Proposal causes no interference

#####

### Analysis of Interference to Affected Station 57

Analysis of current record  
Channel Call City/State Application Ref. No.  
39 K39AF GRAND JUNCTION, ETC. CO BLTT -19810724IK

## OET-69 Interference Analysis (K38FO, Carbondale, CO, Ch. 38)(Summary Results)

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 58

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
39	K39CD	LAKE GEORGE CO	BLTT	-19890808IB

Stations Potentially Affecting This Station

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 59

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
39	K39DC	PARLIN CO	BDFCDTT	-20100208ACE

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 60

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
39	K39DC	PARLIN-DOYLEVILLE CO	BLTT	-19920821JC

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 61

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
39	K39HE	WOODY CREEK CO	BLTT	-20041104ASZ

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 62

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
39	K39AK	VERNAL UT	BLTT	-19970624JE

Stations Potentially Affecting This Station

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 63

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
40	KCXP-LP	ASPEN CO	BLTTL	-20080229AAP

Stations Potentially Affecting This Station

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 64

## OET-69 Interference Analysis (K38FO, Carbondale, CO, Ch. 38)(Summary Results)

Analysis of current record  
Channel Call City/State Application Ref. No.  
40 K40CS RULISON CO BLTT -19910315JH

Stations Potentially Affecting This Station

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 65

Analysis of current record  
Channel Call City/State Application Ref. No.  
41 K41AE GRAND JUNCTION, ETC. CO BLTT -19810724IL

Stations Potentially Affecting This Station

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 66

Analysis of current record  
Channel Call City/State Application Ref. No.  
42 K42EV GLENWOOD SPRINGS CO BLTT -20000928AAY

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 67

Analysis of current record  
Channel Call City/State Application Ref. No.  
45 K45IT GRAND JUNCTION CO BLTT -20050929AYX

Stations Potentially Affecting This Station

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 68

Analysis of current record  
Channel Call City/State Application Ref. No.  
45 K45AF PARACHUTE, ETC. CO BLTT -19921020JD

Stations Potentially Affecting This Station

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 69

Analysis of current record  
Channel Call City/State Application Ref. No.  
45 K45KT-D SARGENTS CO BDISTT -20090210AEE

Stations Potentially Affecting This Station

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 70

Analysis of current record  
Channel Call City/State Application Ref. No.  
45 K45IE VAIL CO BLTTL -20050119AAV

Stations Potentially Affecting This Station

## OET-69 Interference Analysis (K38FO, Carbondale, CO, Ch. 38)(Summary Results)

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

### Analysis of Interference to Affected Station 71

#### Analysis of current record

Channel	Call	City/State	Application Ref. No.
38	K38FO	CARBONDALE CO	USERRECORD-01

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
38	NEW	ASPEN CO	51.3	APP	BMJADTL -20100506AAD
38	KJCS-LP	COLORADO SPRINGS CO	229.6	CP	BDFCDTL -20080924AKL
38	KJCS-LP	COLORADO SPRINGS CO	229.6	LIC	BLTTL -19960627JB
38	K38JX-D	GRAND JUNCTION CO	95.2	LIC	BLDTL -20090713ADG
38	KPJR-TV	GREELEY CO	224.4	LIC	BLCDT -20090612ADP
38	K38LK-D	JACKS CABIN CO	92.7	CP	BNPDTL -20090825BMU
38	K38LI-D	REDSTONE CO	24.5	CP	BNPDTT -20090825AFF
38	NEW	STEAMBOAT SPRINGS CO	126.8	APP	BMJADTL -20100517AFE
38	NEW	VAIL CO	83.1	APP	BMJADTL -20100510APH
38	K38LD-D	WOODY CREEK CO	38.8	LIC	BLDTT -20100308AAJ
39	KHGS-LD	GLENWOOD SPRINGS CO	12.6	LIC	BLDTL -20090803AEA
39	K39HE	WOODY CREEK CO	38.8	LIC	BLTT -20041104ASZ

Total scenarios = 3

Result key: 6  
Scenario 2 Affected station 71  
Before Analysis

Results for: 38A CO CARBONDALE USERRECORD01 APP

HAAT 796.0 m, ATV ERP 0.1 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	28345	1874.0
not affected by terrain losses	26093	1669.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1065	57.4
lost to ATV IX only	1065	57.4
lost to all IX	1065	57.4

#### Potential Interfering Stations Included in above Scenario 2

38A CO STEAMBOAT SPRINGS	BMJADTL	20100517AFE	APP
38A CO WOODY CREEK	BLDTT	20100308AAJ	LIC
39A CO GLENWOOD SPRINGS	BLDTL	20090803AEA	LIC

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