

# OET-69 Interference Analysis , K36AF, New Castle, CO, Ch. 36 (summary of results)

Census data selected: 2000

Post DTV Transition Database Selected

## TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 10-05-2009

Record Selected for Analysis

K36AF USERRECORD-01 NEW CASTLE CO US  
Channel 36 ERP 0.2 kW HAAT 68. m RCAMSL 01937 m STRINGENT MASK  
Latitude 039-33-56 Longitude 0107-31-57  
Status APP Zone 2 Border  
Dir Antenna Make CDB Model 00000000020748 Beam tilt N Ref Azimuth 355.  
Last update Cutoff date Docket  
Comments  
Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Not full service station

Facility meets maximum power limit

Azimuth (Deg)	ERP (kW)	HAAT (m)	51.0 dBu F(50,90) (km)
0.0	0.196	33.0	11.6
45.0	0.056	33.0	8.5
90.0	0.000	115.0	3.7
135.0	0.000	33.0	2.1
180.0	0.002	33.0	3.8
225.0	0.000	92.0	2.9
270.0	0.002	188.3	8.5
315.0	0.092	33.0	9.7

Contour Overlap to Proposed Station

Station  
K36AF 36 NEW CASTLE CO BLTTTL19880531IL  
Station inside contour of Digital LPTV station  
K36AF 36 NEW CASTLE CO USERRECORD01

Contour Overlap Evaluation to Proposed Station Complete

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is 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
36	K36AF	NEW CASTLE CO	USERRECORD01

## Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
21	K21HF	ASHCROFT CO	70.9	APP	BSTA -20090625ACI
21	K21EF	PITKIN CO	137.6	LIC	BLTT -19941109IF
28	K28HI	BRECKENRIDGE, DILLON CO	126.6	LIC	BLTTTL -20040308AAQ
28	K28HA	GRAND VALLEY CO	39.7	LIC	BLTT -20010508AAA
28	K28AD	MONTROSE CO	119.8	LIC	BLTT -19881012IC
29	K29CK	CARBONDALE CO	20.8	LIC	BLTT -20041104AUO
29	K29GU	GRAND JUNCTION CO	102.5	CP	BNPTTL -20000828BDT
32	K32IL	E. EAGLE CO	63.2	CP	BNPTTL -20000828ASJ
33	K33HY	BASALT CO	44.5	LIC	BLTT -20060426AAO
33	DK33EL	CRESTED BUTTE CO	88.1	APP	BSTA -20080722AES
33	KHSB-LP	STEAMBOAT SPRINGS CO	119.5	LIC	BLTTTL -20080229ACL
34	K34IE	E. EAGLE CO	63.2	CP	BNPTTL -20000828ASK
34	K69AO	POWDERHORN CO	79.8	CP MOD	BMPTT -20080107AAP
34	K57CR	RIFLE, ETC. CO	35.8	CP	BDISTT -20060324AFH
35	K35IX-D	BASALT CO	44.6	CP MOD	BMPDIT -20090506ABJ
35	KCNC-TV	DENVER CO	197.8	CP	BPCDT -20080616ABP

# OET-69 Interference Analysis , K36AF, New Castle, CO, Ch. 36 (summary of results)

35	NEW	GRAND JUNCTION CO	118.1	APP	BNPTTL	-20000829AWX
35	K35IQ-D	VERNAL, ETC. UT	164.0	CP	BDCCDTT	-20061010ADB
36	K63AE	MANY FARMS AZ	371.4	APP	BDISDTT	-20090917AAE
36	K36DB	AVON CO	85.6	LIC	BLTTA	-20050921AIM
36	K36GX	BASALT CO	44.5	LIC	BLTT	-20060426AAQ
36	K36GX	BASALT CO	44.6	CP	BDFCDTT	-20090506ABK
36	K36JB-D	CRIPPLE CREEK CO	220.9	CP	BDCCDTT	-20061030ACC
36	KDVT-LP	DENVER CO	197.4	LIC	BLTTL	-20020221AAI
36	KDVT-LP	DENVER CO	214.1	CP	BPTTL	-20051130AAY
36	K36BR	FRASER, ETC. CO	154.1	LIC	BLTT	-19890609IL
36	NEW	GRAND JUNCTION CO	102.5	APP	BNPTTL	-20000828AKD
36	NEW	GRAND JUNCTION CO	102.5	APP	BNPTTL	-20000828ANK
36	K52GA	IGNACIO CO	264.7	CP	BDISDTT	-20060331AWO
36	KXHD-LP	MONTROSE CO	150.3	CP	BPTTL	-20081008AKN
36	KXHD-LP	MONTROSE CO	150.3	LIC	BLTTL	-20060918ACF
36	K36GQ	PARLIN-DOYLEVILLE CO	138.9	LIC	BLTT	-20051130BCY
36	K36HS	SALIDA CO	180.9	LIC	BLTT	-20080307AAZ
36	K36HS	SALIDA CO	180.0	CP MOD	BMPTT	-20070816ABJ
36	K36DB	SWEETWATER CRK, ETC. CO	85.6	CP	BDFCDTA	-20090824ABX
36	KZFC-LP	WINDSOR CO	260.0	LIC	BLTTL	-20050223ABN
36	KZFC-LP	WINDSOR CO	260.0	CP	BDFCDTL	-20090630ABQ
36	KZFC-LP	WINDSOR CO	260.0	CP	BDFCDTL	-20060331BJQ
36	K36AK	BLANDING/MONTICELLO UT	254.6	LIC	BLTT	-20041018ACI
36	NEW	CLEAR CREEK UT	310.3	APP	BNPDTT	-20090825AGW
36	K36IM-D	DUCHESNE, ETC. UT	252.6	CP	BDCCDTT	-20061003AHH
36	NEW	EAST PRICE UT	281.0	APP	BNPDTT	-20090825ANK
36	K36IN-D	FRUITLAND, ETC. UT	295.5	CP	BDCCDTT	-20061004ABI
36	K36FX	GREEN RIVER UT	267.6	LIC	BLTT	-20030806ABY
36	K36IL-D	HANNA & TABIONA UT	289.4	CP	BDCCDTT	-20061003AHD
36	K36HE	HELPER UT	283.6	LIC	BLTT	-20060320AGO
36	NEW	HELPER UT	283.6	APP	BNPDTT	-20090825AJI
36	K36IF-D	ORANGEVILLE UT	312.5	LIC	BLDTT	-20080125ABL
36	K28GZ	ORANGEVILLE UT	312.5	APP	BSTA	-20060126AAD
36	K36FS	RANDOLPH & WOODRUFF UT	379.7	LIC	BLTT	-20030813AAK
36	NEW	RED CREEK UT	291.6	APP	BNPDTT	-20090831ADU
36	K36CB-D	RICHFIELD, ETC. UT	403.9	LIC	BLDTT	-20090727AAD
36	K18FJ	SALT LAKE CITY UT	394.7	LIC	BLTT	-19900702IO
36	K36IP-D	SCIPIO UT	398.1	LIC	BLDTT	-20071214AAV
36	NEW	SPRING GLEN UT	301.6	APP	BNPDTT	-20090825BKS
36	K36DL	TEASDALE, ETC UT	372.3	LIC	BLTT	-19931228JW
36	K36IQ-D	VERNAL, ETC. UT	164.0	CP	BDCCDTT	-20061010ADD
36	K36IS-D	WOODLAND & KAMAS UT	334.6	LIC	BLDTT	-20090624AED
36	K36DD	BIGELOW BENCH AREA WY	347.5	LIC	BLTT	-19930413JC
36	K36GT	CASPER WY	367.6	LIC	BLTTL	-20060516ADQ
36	K36JO-D	CHEYENNE WY	296.7	CP	BNPTT	-20000831BBN
36	K36JO-D	CHEYENNE WY	296.7	CP	BDFCDTT	-20071017AHE
38	K38FO	CARBONDALE CO	20.8	LIC	BLTT	-20040714AAL
39	K39AF	GRAND JUNCTION, ETC. CO	79.8	LIC	BLTT	-19810724IK
39	K39DC	PARLIN-DOYLEVILLE CO	138.9	LIC	BLTT	-19920821JC
39	K39HE	WOODY CREEK CO	57.6	LIC	BLTT	-20041104ASZ
40	KCXP-LP	ASPEN CO	72.7	CP MOD	BMPTTL	-20071212AAW
40	KCXP-LP	ASPEN CO	65.5	LIC	BLTTL	-20080229AAP
40	K40IO	CRYSTAL, ETC. CO	20.8	LIC	BLTT	-20071010AAH
40	K40CS	RULISON CO	36.5	LIC	BLTT	-19910315JH
43	K27FA	CRAIG CO	111.3	CP	BMJPTT	-20000803ABT
43	K43AH	CRESTED BUTTE, ETC. CO	88.1	LIC	BLTT	-19821129JM
43	K43AB	GRAND JUNCTION, ETC. CO	79.8	LIC	BLTT	-19810724IM
43	K43EG	PITKIN CO	137.6	LIC	BLTT	-19941109IH
43	K43JI	SNOWMASS VILLAGE CO	66.0	LIC	BLTT	-20071010AAD
44	K44CA	CIMARRON CREEK, ETC. CO	137.3	LIC	BLTT	-19880908IB
44	K44DF	GLENWOOD SPRINGS CO	20.3	LIC	BLTTL	-20080117AAX
44	K44DF	GLENWOOD SPRINGS CO	20.1	CP MOD	BMPTTL	-20071212AAS
44	K44GQ	WOODY CREEK CO	57.7	LIC	BLTT	-20040526ADT

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## Analysis of Interference to Affected Station 1

Channel	Call	City/State	Application	Ref. No.
21	K21HF	ASHCROFT CO	BSTA	-20090625ACI

Proposed station is beyond the site to  
nearest cell evaluation distance

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## Analysis of Interference to Affected Station 2

Channel	Call	City/State	Application	Ref. No.
21	K21EF	PITKIN CO	BLTT	-19941109IF

Proposed station is beyond the site to  
nearest cell evaluation distance

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## Analysis of Interference to Affected Station 3

## OET-69 Interference Analysis , K36AF, New Castle, CO, Ch. 36 (summary of results)

Analysis of current record  
Channel Call City/State Application Ref. No.  
28 K28HI BRECKENRIDGE, DILLON CO BLTTL -20040308AAQ

Proposed station is beyond the site to  
nearest cell evaluation distance

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### Analysis of Interference to Affected Station 4

Analysis of current record  
Channel Call City/State Application Ref. No.  
28 K28HA GRAND VALLEY CO BLTT -20010508AAA

Proposal causes no interference

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### Analysis of Interference to Affected Station 5

Analysis of current record  
Channel Call City/State Application Ref. No.  
28 K28AD MONTROSE CO BLTT -19881012IC

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.  
29 K29CK CARBONDALE CO BLTT -20041104AUO

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.  
29 K29GU GRAND JUNCTION CO BNPTTL -20000828BDT

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.  
32 K32IL E. EAGLE CO BNPTTL -20000828ASJ

Proposed station is beyond the site to  
nearest cell evaluation distance

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### Analysis of Interference to Affected Station 9

Analysis of current record  
Channel Call City/State Application Ref. No.  
33 K33HY BASALT CO BLTT -20060426AAO

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.

## OET-69 Interference Analysis , K36AF, New Castle, CO, Ch. 36 (summary of results)

33 DK33EL CRESTED BUTTE CO BSTA -20080722AES

Proposed station is beyond the site to  
nearest cell evaluation distance

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### Analysis of Interference to Affected Station 11

Analysis of current record  
Channel Call City/State Application Ref. No.  
33 KHSB-LP STEAMBOAT SPRINGS CO BLTTL -20080229ACL

Proposed station is beyond the site to  
nearest cell evaluation distance

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### Analysis of Interference to Affected Station 12

Analysis of current record  
Channel Call City/State Application Ref. No.  
34 K34IE E. EAGLE CO BNPTTL -20000828ASK

Proposed station is beyond the site to  
nearest cell evaluation distance

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### Analysis of Interference to Affected Station 13

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

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.  
34 K57CR RIFLE, ETC. CO BDISTT -20060324AFH

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.  
35 K35IX-D BASALT CO BMPDTT -20090506ABJ

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.  
35 KCNC-TV DENVER CO BPCDT -20080616ABP

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
34	KWGN-TV	DENVER CO	0.4	PLN	DTVPLN -DTVPl241
34	KWGN-TV	DENVER CO	0.4	CP MOD	BMPCDT -20080620AFA
36	K36AF	NEW CASTLE CO	197.8	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

## OET-69 Interference Analysis , K36AF, New Castle, CO, Ch. 36 (summary of results)

Analysis of current record  
Channel Call City/State Application Ref. No.  
35 NEW GRAND JUNCTION CO BNPTTL -20000829AWX

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.  
35 K35IQ-D VERNAL, ETC. UT BDCCDTT -20061010ADB

Proposed station is beyond the site to  
nearest cell evaluation distance

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### Analysis of Interference to Affected Station 19

Analysis of current record  
Channel Call City/State Application Ref. No.  
36 K63AE MANY FARMS AZ BDISDTT -20090917AAE

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.  
36 K36DB AVON CO BLTTA -20050921AIM

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.  
36 K36GX BASALT CO BLTT -20060426AAQ

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.  
36 K36GX BASALT CO BDFCDTT -20090506ABK

Proposal causes no interference

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### Analysis of Interference to Affected Station 23

Analysis of current record  
Channel Call City/State Application Ref. No.  
36 K36JB-D CRIPPLE CREEK CO BDCCDTT -20061030ACC

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.  
36 KDVT-LP DENVER CO BLTTL -20020221AAI

Proposal causes no interference

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### Analysis of Interference to Affected Station 25

## OET-69 Interference Analysis , K36AF, New Castle, CO, Ch. 36 (summary of results)

Analysis of current record  
Channel Call City/State Application Ref. No.  
36 KDVT-LP DENVER CO BPTTL -20051130AAY

Proposal causes no interference

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### Analysis of Interference to Affected Station 26

Analysis of current record  
Channel Call City/State Application Ref. No.  
36 K36BR FRASER, ETC. CO BLTT -19890609IL

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.  
36 NEW GRAND JUNCTION CO BNPTTL -20000828AKD

Proposal causes no interference

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### Analysis of Interference to Affected Station 28

Analysis of current record  
Channel Call City/State Application Ref. No.  
36 NEW GRAND JUNCTION CO BNPTTL -20000828ANK

Proposal causes no interference

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### Analysis of Interference to Affected Station 29

Analysis of current record  
Channel Call City/State Application Ref. No.  
36 K52GA IGNACIO CO BDISDTT -20060331AWO

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.  
36 KXHD-LP MONTROSE CO BPTTL -20081008AKN

Proposal causes no interference

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### Analysis of Interference to Affected Station 31

Analysis of current record  
Channel Call City/State Application Ref. No.  
36 KXHD-LP MONTROSE CO BLTTL -20060918ACF

Proposal causes no interference

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### Analysis of Interference to Affected Station 32

Analysis of current record  
Channel Call City/State Application Ref. No.  
36 K36GQ PARLIN-DOYLEVILLE CO BLTT -20051130BCY

Proposal causes no interference

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### Analysis of Interference to Affected Station 33

## OET-69 Interference Analysis , K36AF, New Castle, CO, Ch. 36 (summary of results)

Analysis of current record  
Channel Call City/State Application Ref. No.  
36 K36HS SALIDA CO BLTT -20080307AAZ

Proposal causes no interference

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### Analysis of Interference to Affected Station 34

Analysis of current record  
Channel Call City/State Application Ref. No.  
36 K36HS SALIDA CO BMPTT -20070816ABJ

Proposal causes no interference

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### Analysis of Interference to Affected Station 35

Analysis of current record  
Channel Call City/State Application Ref. No.  
36 K36DB SWEETWATER CRK, ETC. CO BDFCDTA -20090824ABX

Proposal causes no interference

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### Analysis of Interference to Affected Station 36

Analysis of current record  
Channel Call City/State Application Ref. No.  
36 KZFC-LP WINDSOR CO BLTTL -20050223ABN

Proposal causes no interference

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### Analysis of Interference to Affected Station 37

Analysis of current record  
Channel Call City/State Application Ref. No.  
36 KZFC-LP WINDSOR CO BDFCDTL -20090630ABQ

Proposal causes no interference

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### Analysis of Interference to Affected Station 38

Analysis of current record  
Channel Call City/State Application Ref. No.  
36 KZFC-LP WINDSOR CO BDFCDTL -20060331BJQ

Proposal causes no interference

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### Analysis of Interference to Affected Station 39

Analysis of current record  
Channel Call City/State Application Ref. No.  
36 K36AK BLANDING/MONTICELLO UT BLTT -20041018ACI

Proposal causes no interference

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### Analysis of Interference to Affected Station 40

Analysis of current record  
Channel Call City/State Application Ref. No.  
36 NEW CLEAR CREEK UT BNPDTT -20090825AGW

Proposed station is beyond the site to  
nearest cell evaluation distance

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## OET-69 Interference Analysis , K36AF, New Castle, CO, Ch. 36 (summary of results)

### Analysis of Interference to Affected Station 41

Channel	Call	City/State	Application	Ref. No.
36	K36IM-D	DUCHESNE, ETC. UT	BDCCDTT	-20061003AHH

Proposal causes no interference

#####

### Analysis of Interference to Affected Station 42

Channel	Call	City/State	Application	Ref. No.
36	NEW	EAST PRICE UT	BNPDTT	-20090825ANK

Proposal causes no interference

#####

### Analysis of Interference to Affected Station 43

Channel	Call	City/State	Application	Ref. No.
36	K36IN-D	FRUITLAND, ETC. UT	BDCCDTT	-20061004ABI

Proposal causes no interference

#####

### Analysis of Interference to Affected Station 44

Channel	Call	City/State	Application	Ref. No.
36	K36FX	GREEN RIVER UT	BLTT	-20030806ABY

Proposal causes no interference

#####

### Analysis of Interference to Affected Station 45

Channel	Call	City/State	Application	Ref. No.
36	K36IL-D	HANNA & TABIONA UT	BDCCDTT	-20061003AHD

Proposal causes no interference

#####

### Analysis of Interference to Affected Station 46

Channel	Call	City/State	Application	Ref. No.
36	K36HE	HELPER UT	BLTT	-20060320AGO

Proposal causes no interference

#####

### Analysis of Interference to Affected Station 47

Channel	Call	City/State	Application	Ref. No.
36	NEW	HELPER UT	BNPDTT	-20090825AJI

Proposal causes no interference

#####

### Analysis of Interference to Affected Station 48

Channel	Call	City/State	Application	Ref. No.
36	K36IF-D	ORANGEVILLE UT	BLDTT	-20080125ABL

Proposal causes no interference

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## OET-69 Interference Analysis , K36AF, New Castle, CO, Ch. 36 (summary of results)

### Analysis of Interference to Affected Station 49

Channel	Call	City/State	Application	Ref. No.
36	K28GZ	ORANGEVILLE UT	BSTA	-20060126AAD

Proposal causes no interference

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### Analysis of Interference to Affected Station 50

Channel	Call	City/State	Application	Ref. No.
36	K36FS	RANDOLPH & WOODRUFF UT	BLTT	-20030813AAK

Proposal causes no interference

#####

### Analysis of Interference to Affected Station 51

Channel	Call	City/State	Application	Ref. No.
36	NEW	RED CREEK UT	BNPDTT	-20090831ADU

Proposal causes no interference

#####

### Analysis of Interference to Affected Station 52

Channel	Call	City/State	Application	Ref. No.
36	K36CB-D	RICHFIELD, ETC. UT	BLDTT	-20090727AAD

Proposed station is beyond the site to  
nearest cell evaluation distance

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### Analysis of Interference to Affected Station 53

Channel	Call	City/State	Application	Ref. No.
36	K18FJ	SALT LAKE CITY UT	BLTT	-19900702IO

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

### Analysis of Interference to Affected Station 54

Channel	Call	City/State	Application	Ref. No.
36	K36IP-D	SCIPIO UT	BLDTT	-20071214AAV

Proposed station is beyond the site to  
nearest cell evaluation distance

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### Analysis of Interference to Affected Station 55

Channel	Call	City/State	Application	Ref. No.
36	NEW	SPRING GLEN UT	BNPDTT	-20090825BKS

Proposal causes no interference

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### Analysis of Interference to Affected Station 56

Channel	Call	City/State	Application	Ref. No.
36	K36DL	TEASDALE, ETC UT	BLTT	-19931228JW

## OET-69 Interference Analysis , K36AF, New Castle, CO, Ch. 36 (summary of results)

Proposed station is beyond the site to  
nearest cell evaluation distance

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### Analysis of Interference to Affected Station 57

Channel	Call	City/State	Application	Ref. No.
36	K36IQ-D	VERNAL, ETC. UT	BDCCDTT	-20061010ADD

Proposal causes no interference

#####

### Analysis of Interference to Affected Station 58

Channel	Call	City/State	Application	Ref. No.
36	K36IS-D	WOODLAND & KAMAS UT	BLDTT	-20090624AED

Proposed station is beyond the site to  
nearest cell evaluation distance

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### Analysis of Interference to Affected Station 59

Channel	Call	City/State	Application	Ref. No.
36	K36DD	BIGELOW BENCH AREA WY	BLTT	-19930413JC

Proposal causes no interference

#####

### Analysis of Interference to Affected Station 60

Channel	Call	City/State	Application	Ref. No.
36	K36GT	CASPER WY	BLTTL	-20060516ADQ

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

### Analysis of Interference to Affected Station 61

Channel	Call	City/State	Application	Ref. No.
36	K36JO-D	CHEYENNE WY	BNPTT	-20000831BBN

Proposal causes no interference

#####

### Analysis of Interference to Affected Station 62

Channel	Call	City/State	Application	Ref. No.
36	K36JO-D	CHEYENNE WY	BDFCDTT	-20071017AHE

Proposal causes no interference

#####

### Analysis of Interference to Affected Station 63

Channel	Call	City/State	Application	Ref. No.
38	K38FO	CARBONDALE CO	BLTT	-20040714AAL

Proposal causes no interference

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### Analysis of Interference to Affected Station 64

## OET-69 Interference Analysis , K36AF, New Castle, CO, Ch. 36 (summary of results)

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

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.  
39 K39DC PARLIN-DOYLEVILLE CO BLTT -19920821JC

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.  
39 K39HE WOODY CREEK CO BLTT -20041104ASZ

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

### Analysis of Interference to Affected Station 67

Analysis of current record  
Channel Call City/State Application Ref. No.  
40 KCXP-LP ASPEN CO BMPTTL -20071212AAW

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.  
40 KCXP-LP ASPEN CO BLTTL -20080229AAP

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.  
40 K40IO CRYSTAL, ETC. CO BLTT -20071010AAH

Proposal causes no interference

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### Analysis of Interference to Affected Station 70

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

Proposal causes no interference

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### Analysis of Interference to Affected Station 71

## OET-69 Interference Analysis , K36AF, New Castle, CO, Ch. 36 (summary of results)

Analysis of current record  
Channel Call City/State Application Ref. No.  
43 K27FA CRAIG CO BMJPTT -20000803ABT

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

### Analysis of Interference to Affected Station 72

Analysis of current record  
Channel Call City/State Application Ref. No.  
43 K43AH CRESTED BUTTE, ETC. CO BLTT -19821129JM

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

### Analysis of Interference to Affected Station 73

Analysis of current record  
Channel Call City/State Application Ref. No.  
43 K43AB GRAND JUNCTION, ETC. CO BLTT -19810724IM

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

### Analysis of Interference to Affected Station 74

Analysis of current record  
Channel Call City/State Application Ref. No.  
43 K43EG PITKIN CO BLTT -19941109IH

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

### Analysis of Interference to Affected Station 75

Analysis of current record  
Channel Call City/State Application Ref. No.  
43 K43JI SNOWMASS VILLAGE CO BLTT -20071010AAD

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

### Analysis of Interference to Affected Station 76

Analysis of current record  
Channel Call City/State Application Ref. No.  
44 K44CA CIMARRON CREEK, ETC. CO BLTT -19880908IB

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

### Analysis of Interference to Affected Station 77

Analysis of current record  
Channel Call City/State Application Ref. No.  
44 K44DF GLENWOOD SPRINGS CO BLTTL -20080117AAX

Proposal causes no interference

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### Analysis of Interference to Affected Station 78

# OET-69 Interference Analysis , K36AF, New Castle, CO, Ch. 36 (summary of results)

Analysis of current record  
Channel Call City/State Application Ref. No.  
44 K44DF GLENWOOD SPRINGS CO BMP TTL -20071212AAS

Proposal causes no interference

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## Analysis of Interference to Affected Station 79

Analysis of current record  
Channel Call City/State Application Ref. No.  
44 K44GQ WOODY CREEK CO BLTT -20040526ADT

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

## Analysis of Interference to Affected Station 80

Analysis of current record  
Channel Call City/State Application Ref. No.  
36 K36AF NEW CASTLE CO USERRECORD-01

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
35	K35IX-D	BASALT CO	44.6	CP MOD	BMPD TT -20090506ABJ
35	K35IQ-D	VERNAL, ETC. UT	164.0	CP	BDCCD TT -20061010ADB
36	K63AE	MANY FARMS AZ	371.4	APP	BDISD TT -20090917AAE
36	K36GX	BASALT CO	44.5	LIC	BLTT -20060426AAQ
36	K36GX	BASALT CO	44.6	CP	BDFCD TT -20090506ABK
36	K36JB-D	CRIPPLE CREEK CO	220.9	CP	BDCCD TT -20061030ACC
36	K52GA	IGNACIO CO	264.7	CP	BDISD TT -20060331AWO
36	KXHD-LP	MONTRORSE CO	150.3	CP	BPTTL -20081008AKN
36	K36DB	SWEETWATER CRK, ETC. CO	85.6	CP	BDFCD TA -20090824ABX
36	KZFC-LP	WINDSOR CO	260.0	CP	BDFCD TL -20090630ABQ
36	KZFC-LP	WINDSOR CO	260.0	CP	BDFCD TL -20060331BJQ
36	K60DD	TIERRA AMARILLA NM	415.6	APP	BDISD TT -20090825BSI
36	K36IG-D	ANTIMONY UT	419.2	LIC	BLD TT -20090519ADD
36	NEW	CLEAR CREEK UT	310.3	APP	BNPD TT -20090825AGW
36	K36IK-D	DELTA, OAK CITY, ETC UT	414.2	LIC	BLD TT -20071217ACF
36	K36IM-D	DUCHESNE, ETC. UT	252.6	CP	BDCCD TT -20061003AHH
36	NEW	EAST PRICE UT	281.0	APP	BNPD TT -20090825ANK
36	K36IN-D	FRUITLAND, ETC. UT	295.5	CP	BDCCD TT -20061004ABI
36	K36IL-D	HANNA & TABIONA UT	289.4	CP	BDCCD TT -20061003AHD
36	NEW	HELPER UT	283.6	APP	BNPD TT -20090825AJI
36	NEW	LEAMINGTON UT	409.7	APP	BNPD TT -20090908ACB
36	K36IF-D	ORANGEVILLE UT	312.5	LIC	BLD TT -20080125ABL
36	K28GZ	ORANGEVILLE UT	312.5	APP	BSTA -20060126AAD
36	NEW	RED CREEK UT	291.6	APP	BNPD TT -20090831ADU
36	K36CB-D	RICHFIELD, ETC. UT	403.9	LIC	BLD TT -20090727AAD
36	K36IP-D	SCIPIO UT	398.1	LIC	BLD TT -20071214AAV
36	NEW	SPRING GLEN UT	301.6	APP	BNPD TT -20090825BKS
36	K36IQ-D	VERNAL, ETC. UT	164.0	CP	BDCCD TT -20061010ADD
36	K36IS-D	WOODLAND & KAMAS UT	334.6	LIC	BLD TT -20090624AED
36	K36JO-D	CHEYENNE WY	296.7	CP	BDFCD TT -20071017AHE

Total scenarios = 1

Result key: 1  
Scenario 1 Affected station 80 K36AF  
Before Analysis

Results for: 36A CO NEW CASTLE USERRECORD01 APP  
HAAT 68.0 m, ATV ERP 0.2 kW  
POPULATION AREA (sq km)  
within Noise Limited Contour 3953 181.6  
not affected by terrain losses 3953 179.7  
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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