Percent allowed new interference: 0.500

Percent allowed new interference to non Class A LPTV: 2.000

TW Census data selected 2000

Data Base Selected

/space/software/cdbs/pt\_tvdb.sff

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 06-09-2011 Time: 11:42:31

Record Selected for Analysis

K38AU USERRECORD-01 TOHATCHI NM US

Channel 38 ERP 0.62 kW HAAT 600. m RCAMSL 02793 m STRINGENT MASK

Latitude 035-54-37 Longitude 0108-46-26

Status APP Zone 2 Border Site number: 01

Dir Antenna Make CDB Model 0000000016352 Beam tilt N Ref Azimuth 0.

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 numbe	er 1		
Azimuth	ERP	HAAT	51.0 dBu F(50,90)
(Deg)	(kW)	(m)	(km)
0.0	0.620	402.9	42.1
45.0	0.499	749.9	48.3
90.0	0.297	821.9	46.2
135.0	0.265	865.5	46.2
180.0	0.312	812.5	46.4
225.0	0.265	646.9	42.6
270.0	0.297	354.8	36.0
315.0	0.499	149.2	29.2

Contour Overlap to Proposed Station

Station

K38AU 38 CROWNPOINT NM BLTTL19990810JE

Station inside contour of Digital LPTV station K38AU 38 TOHATCHI NM USERRECORD01

Station

K39EW 39 GALLUP NM BLTT20020422AAL

Station inside contour of Digital LPTV station

#### NM USERRECORD01

Contour Overlap Evaluation to Proposed Station Complete

#### NO LANDMOBILE SPACING VIOLATIONS FOUND

#### Checks to Site Number 01

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

# \*

## Start of Interference Analysis

Proposed Station
Channel Call City/State
38 K38AU TOHATCHI NM

ARN
USERRECORD01

## Stations Potentially Affected by Proposed Station

Chan No.	Call	City/State	Dist(km)	Status	Application	on Ref.
30	K30GL	MANY FARMS AZ	67.3	LIC	BLTT	_
	205ABO	DADMINGTON NIM	100 F	T T O	D.I. III. III.	
30	K30KB 709AFD	FARMINGTON NM	102.5	LIC	BLTT	_
31	K31JR-D	THOREAU NM	68.8	APP	BSTA	_
~ —	718AHW	THORESTO WIT	00.0	711 1	D0111	
	K63AE	MANY FARMS AZ	67.3	LIC	BLTT	-1625
38	K38AI	COTTONWOOD AZ	332.3	CP MOD	BMPDTT	_
20110	330ABB					
38	K38AI	COTTONWOOD, ETC. AZ	332.3	LIC	BLTT	_
	927IK					
38	K38LW-D	PAYSON AZ	284.1	CP	BNPDTL	_
20090	826ACB					
38	K38CX	SHONTO AZ	179.9	LIC	BLTT	_
19940	203JE					
38	NEW	ASPEN CO	406.1	APP	BMJADTL	-
20100	506AAD					
38	K38JD	DURANGO CO	173.9	LIC	BLTTL	_
20090	319AEC					
38	K38JD	DURANGO CO	169.4	CP	BPTTL	-
20090	709AEZ					
38	K38JX-D	GRAND JUNCTION CO	333.3	LIC	BLDTL	-
20090	713ADG					
38	K38LK-D	JACKS CABIN CO	356.6	CP	BNPDTL	_
	825BMU					
38	K38LI-D	REDSTONE CO	394.6	CP	BNPDTT	_

2000000000					
20090825AFF 38 K38IM	ALBUQUERQUE NM	223.9	LIC	BLTTL	-
20060414AAE 38 K38DA-D	AZTEC NM	127.8	LIC	BLDTT	_
20060927AIP 38 K33GD	CAPITAN NM	390.4	CP	BDISDTL	_
20090824AFB 38 K35GY	CUBA NM	174.0	CP	BDISDTT	_
20060811ABW 38 K38EC-D	EAGLES NEST NM	328.9	LIC	BLDTT	-
20091113ABU 38 NEW	LORDSBURG NM	399.5	APP	BNPDTL	-
20100504AMW 38 NEW	SANTA FE NM	247.7	APP	BNPDTL	-
20091014AAV 38 K38HR 20060323AAR	SANTA ROSA NM	385.5	CP	BDFCDTT	-
38 K38HR 20040322AAK	SANTA ROSA NM	385.5	LIC	BLTT	-
38 NEW 20100513AED	TRUTH OR CONSEQUENCE NM	321.8	APP	BNPDTL	-
38 K38IN 20040701ABS	ALTON, ETC. UT	372.8	LIC	BLTT	-
38 K38MS-D 20110131ASJ	ALTON, ETC. UT	372.8	LIC	BLDTT	-
38 K38JS-D 20090519ADB	ANTIMONY UT	384.3	LIC	BLDTT	-
38 K38CJ 19900724IA	BICKNELL, ETC. UT	358.3	LIC	BLTTL	-
38 K38AJ 19811222IB	BLANDING, ETC. UT	222.9	LIC	BLTT	-
38 K38GP 20030806ABV	GREEN RIVER UT	398.0	LIC	BLTT	-
38 K38GQ-D 20090213CAG	HATCH UT	375.6	LIC	BLDTT	-
38 K38KA-D 20110114ABO	KOOSHAREM UT	392.8	LIC	BLDTT	-
38 K38KF-D 20100607ADF	PANGUITCH UT	390.4	LIC	BLDTT	-
38 K38HO 20030123AAW	ROCKVILLE/SPRINGDALE UT	404.4	LIC	BLTT	-
38 K38MW-D 20110128AET	TORREY, ETC. UT	358.3	LIC	BLDTT	-
39 K39EY-D 20090522ABR	CORTEZ CO	171.3	LIC	BLDTT	-
39 K39AH-D 20090518ADF	DURANGO CO	168.7	LIC	BLDTT	-
39 K39EW 20020422AAL	GALLUP NM	41.8	LIC	BLTT	-
39 K39EW 20090824AIH	GALLUP NM	41.8	CP	BDFCDTT	-
39 K39FY 20020320ADH	ZUNI NM	88.6	LIC	BLTT	-
40 K40AP 19870318IC	TSAILE AZ	56.0	LIC	BLTTL	-
41 K41HU 20000831BQY	FARMINGTON NM	100.3	APP	BNPTTL	-
41 K41FK 20021016AAR	TOHATCHI NM	0.2	LIC	BLTT	-
42 K42IK 20100715AEG	TOHATCHI NM	0.2	LIC	BLTT	-

45	K45CU	SHIPROCK NM	67.5	LIC	BLTT	_
1990	1015JH					
46	K46FI	GRANTS NM	129.1	LIC	BLTT	_
2001	0814AAD					

Analysis of Interference to Affected Station 1

Analysis of current record

Channel Call City/State Application Ref. No. 30 K30GL MANY FARMS AZ BLTT -20031205ABO

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref.
No.						
30	K30DC	DOVE CREEK CO	145.6	LIC	BLTTL -	
20041	227AAE					
30	KYNM-LP	ALBUQUERQUE NM	275.6	LIC	BLTTA -	-
20050	203ADT					
30	K30KB	FARMINGTON NM	86.0	LIC	BLTT -	-
20090	709AFD					
33	KRTN-TV	DURANGO CO	139.1	LIC	BLCDT -	
20081	029AAA					
45	K45CU	SHIPROCK NM	0.2	LIC	BLTT -	
19901	015JH					
38	K38AU	TOHATCHI NM	67.3	APP	USERRECORD-	01

Proposed station is beyond the site to nearest cell evaluation distance

Analysis of Interference to Affected Station 2

Analysis of current record

Channel Call City/State Application Ref. No. 30 K30KB FARMINGTON NM BLTT -20090709AFD

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Applicati	on Ref.
No.						
29	K29HR-D	FARMINGTON NM	5.7	LIC	BLDTT	_
20080	528ABA					
30	K30GL	MANY FARMS AZ	86.0	LIC	BLTT	_
20031	205ABO					
30	K30HJ-D	CORTEZ, ETC CO	74.3	LIC	BLDTT	_
20090	522ACI					
30	K30DC	DOVE CREEK CO	134.8	LIC	BLTTL	_
20041	227AAE					
33	KRTN-TV	DURANGO CO	67.7	LIC	BLCDT	_
20081	029AAA					
38	K38AU	TOHATCHI NM	102.5	APP	USERRECOR	D-01

Proposed station is beyond the site to

Analysis of Interference to Affected Station 3

Analysis of current record

Channel Call City/State Application Ref. No. 31 K31JR-D THOREAU NM BSTA -20060718AHW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref.
No.					
30	K65FJ	CROWNPOINT NM	25.1	CP	BDISDTT -
20090	)825BSK				
31	K31HB	GALLINA NM	157.3	LIC	BLTT -
20030	)925ATT				
31	K31FX	PIE TOWN & QUEMADO NM	135.1	LIC	BLTT -
20090	414ACC				
38	K38AU	TOHATCHI NM	68.8	APP	USERRECORD-01
Prop	osal caus	es no interference			

Analysis of Interference to Affected Station 4

Analysis of current record

Channel Call City/State Application Ref. No. 34 K63AE MANY FARMS AZ BLTT -1625

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref.
No.					
34	K34IA	DOVE CREEK CO	145.6	LIC	BLTTL -
20050	802ADA				
49	K49ET	MANY FARMS AZ	0.0	LIC	BLTT -
20011	002AAQ				
38	K38AU	TOHATCHI NM	67.3	APP	USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

Analysis of Interference to Affected Station 5

Analysis of current record

Channel Call City/State Application Ref. No. 38 K38AI COTTONWOOD AZ BMPDTT -20110330ABB

Stations Potentially Affecting This Station

Chan Call City/State Dist(km) Status Application Ref.

No.						
38	K38LW-D	PAYSON AZ	95.6	CP	BNPDTL	_
2009	0826ACB					
38	K38IZ-D	PHOENIX AZ	150.5	APP	BPDTL	_
2010	0421AAV					
38	K38IZ-D	PHOENIX AZ	150.5	LIC	BLDTL	_
2008	1030ACJ					
38	K38AU	TOHATCHI NM	332.3	APP	USERRECOR	D - 01
Pro	oosal caus	es no interference				

Analysis of Interference to Affected Station 6

Analysis of current record

Channel Call City/State Application Ref. No. 38 K38AI COTTONWOOD, ETC. AZ BLTT -19890927IK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	on Ref.
No.						
38	K38GR	MEADVIEW AZ	222.2	LIC	BLTT	_
20040	521AAP					
38	K38LW-D	PAYSON AZ	95.6	CP	BNPDTL	_
20090	826ACB					
39	K39IT-D	PRESCOTT AZ	44.4	LIC	BLDTT	_
20070	1803ADJ					
53	K53IJ	ROCK SPRINGS AZ	55.6	CP	BPTTL	_
20110	114ACP					
38	K38AU	TOHATCHI NM	332.3	APP	USERRECORI	D-01
Prop	osal caus	es no interference				

Analysis of Interference to Affected Station 7

Analysis of current record

Channel Call City/State Application Ref. No. 38 K38LW-D PAYSON AZ BNPDTL -20090826ACB

Chan	Call	City/State	Dist(km)	Status	Application	Ref.
No.						
38	K38AI	COTTONWOOD AZ	95.6	CP MOD	BMPDTT -	
20110	330ABB					
38	K38AI	COTTONWOOD, ETC. AZ	95.6	LIC	BLTT -	
19890	927IK					
38	K38IZ-D	PHOENIX AZ	133.4	APP	BPDTL -	
20100	421AAV					
38	K38IZ-D	PHOENIX AZ	133.4	LIC	BLDTL -	
20081	030ACJ					
38	KUVE-CA	TUCSON AZ	226.9	LIC	BLTTA -	
20030	418ABB					
39	KTAZ	PHOENIX AZ	133.2	LIC	BLCDT -	
20090	709ADG					

38 K38AU TOHATCHI NM 284.1 APP USERRECORD-01 Proposal causes no interference

Analysis of Interference to Affected Station 8

Analysis of current record

Channel Call City/State Application Ref. No. 38 K38CX SHONTO AZ BLTT -19940203JE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref.
No.						
38	K38AI	COTTONWOOD, ETC. AZ	256.1	LIC	BLTT -	
19890	)927IK					
38	K38AJ	BLANDING, ETC. UT	167.1	LIC	BLTT -	
19811	.222IB					
38	K38AU	TOHATCHI NM	179.9	APP	USERRECORD-	01
Prop	osal caus	ses no interference				

Analysis of Interference to Affected Station 9

Analysis of current record

Channel Call City/State Application Ref. No. 38 NEW ASPEN CO BMJADTL -20100506AAD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Applicatio	n Ref.
No.						
38	K38FO	CARBONDALE CO	51.3	LIC	BLTT	_
20040	714AAL					
38	KJCS-LP	COLORADO SPRINGS CO	178.7	LIC	BLTTL	_
19960	627JB					
38	K38JX-D	GRAND JUNCTION CO	126.1	LIC	BLDTL	_
20090	713ADG					
38	KPJR-TV	GREELEY CO	192.0	LIC	BLCDT	_
20090	612ADP					
38	K38LK-D	JACKS CABIN CO	57.0	CP	BNPDTL	_
20090	825BMU					
38	K38LI-D	REDSTONE CO	32.9	CP	BNPDTT	
20090	825AFF					
38	K38LD-D	WOODY CREEK CO	13.5	LIC	BLDTT	
20100	308AAJ					
38	NEW	VAIL ID	56.4	APP	BMJADTL	
20100	510APH					
38	K38AU	TOHATCHI NM	406.1	APP	USERRECORD	-01

Proposed station is beyond the site to nearest cell evaluation distance

#### Analysis of Interference to Affected Station 10

Analysis of current record

Channel Call City/State Application Ref. No. 38 K38JD DURANGO CO BLTTL -20090319AEC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	on Ref.
No.						
38	K38IM	ALBUQUERQUE NM	263.4	LIC	BLTTL	_
20060	414AAE					
38	K38AJ	BLANDING, ETC. UT	153.7	LIC	BLTT	_
19811	222IB					
39	K39AH-D	DURANGO CO	5.9	LIC	BLDTT	_
20090	518ADF					
38	K38AU	TOHATCHI NM	173.9	APP	USERRECORI	0-01
Prop	osal caus	es no interference				

Analysis of Interference to Affected Station 11

Analysis of current record

Channel Call City/State Application Ref. No. 38 K38JD DURANGO CO BPTTL -20090709AEZ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Applicati	on Ref.
No.						
38	K38IM	ALBUQUERQUE NM	262.1	LIC	BLTTL	_
20060	414AAE					
38	K38AU	CROWNPOINT NM	169.6	LIC	BLTTL	_
19990	810JE					
38	K38AJ	BLANDING, ETC. UT	152.2	LIC	BLTT	_
19811	222IB					
39	K39EY-D	CORTEZ CO	24.7	LIC	BLDTT	_
20090	522ABR					
39	K39AH-D	DURANGO CO	1.6	LIC	BLDTT	_
20090	518ADF					
38	K38AU	TOHATCHI NM	169.4	APP	USERRECOR	D-01
Prop	osal caus	es no interference				

Analysis of Interference to Affected Station 12

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 K38FO	CARBONDALE CO	95.2	LIC	BLTT	-
20040714AAL					
38 KPJR-I	V GREELEY CO	316.0	LIC	BLCDT	_
20090612ADP					
38 K38LK-	D JACKS CABIN CO	124.1	CP	BNPDTL	_
20090825BMU					
38 K38AJ	BLANDING, ETC. UT	158.2	LIC	BLTT	_
19811222IB					
38 KSL-TV	SALT LAKE CITY UT	393.1	LIC	BLCDT	-
20050614ABG					
39 K39AF	GRAND JUNCTION, ETC. CO	23.5	LIC	BLTT	_
19810724IK					
38 K38AU	TOHATCHI NM	333.3	APP	USERRECO:	RD-01

Analysis of Interference to Affected Station 13

Analysis of current record

Channel Call City/State Application Ref. No. 38 K38LK-D JACKS CABIN CO BNPDTL -20090825BMU

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	on Ref.
No.						
38	NEW	ASPEN CO	57.0	APP	BMJADTL	-
20100	506AAD					
38	K38FO	CARBONDALE CO	92.7	LIC	BLTT	-
20040	714AAL					
38	KJCS-LP	COLORADO SPRINGS CO	169.0	LIC	BLTTL	-
19960	627JB					
38	K38JX-D	GRAND JUNCTION CO	124.1	LIC	BLDTL	-
20090	713ADG					
38	KPJR-TV	GREELEY CO	225.0	LIC	BLCDT	-
20090	612ADP					
38	NEW	VAIL ID	107.1	APP	BMJADTL	-
20100	510APH					
39	K39DC	PARLIN CO	25.5	CP	BDFCDTT	-
20100	208ACE					
39	K39DC	PARLIN-DOYLEVILLE CO	25.6	LIC	BLTT	-
19920	821JC					
38	K38AU	TOHATCHI NM	356.6	APP	USERRECORI	0-01
Prop	osal caus	es no interference				

Analysis of Interference to Affected Station 14

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	Applicatio	n Ref.
No.						
38	NEW	ASPEN CO	32.9	APP	BMJADTL	_
20100	506AAD					
38	K38FO	CARBONDALE CO	24.5	LIC	BLTT	_
20040	714AAL					
38	KJCS-LP	COLORADO SPRINGS CO	210.8	LIC	BLTTL	_
19960	627JB					
38	K38JX-D	GRAND JUNCTION CO	95.9	LIC	BLDTL	_
20090	713ADG					
38	KPJR-TV	GREELEY CO	220.1	LIC	BLCDT	_
20090	612ADP					
38	K38LK-D	JACKS CABIN CO	68.2	CP	BNPDTL	_
20090	825BMU					
38	K38LD-D	WOODY CREEK CO	24.5	LIC	BLDTT	_
20100	308AAJ					
38	NEW	VAIL ID	79.5	APP	BMJADTL	_
20100	510APH					
38	K38AU	TOHATCHI NM	394.6	APP	USERRECORD	-01

Proposed station is beyond the site to nearest cell evaluation distance

Analysis of Interference to Affected Station 15

Analysis of current record

Channel Call City/State Application Ref. No. 38 K38IM ALBUQUERQUE NM BLTTL -20060414AAE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	n Ref.
No.						
35	KNME-TV	ALBUQUERQUE NM	0.0	LIC	BLEDT	_
20030	218BNH					
39	KRTN-LD	ALBUQUERQUE NM	0.0	LIC	BLDTL -	_
20090	709AGL					
42	KLUZ-TV	ALBUQUERQUE NM	0.3	LIC	BLCDT	_
20070	823AAK					
45	KASY-TV	ALBUQUERQUE NM	0.1	LIC	BLCDT	_
20030	429ABF					
38	K38AU	TOHATCHI NM	223.9	APP	USERRECORD-	-01
Prop	osal caus	es no interference				

Analysis of Interference to Affected Station 16

Analysis of current record

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

	Call	City/State		Dist(km)	Status	Applicat	cion Ref.
No. 38 K3		DURANGO CO		49.8	CP	BPTTL	-
20090709 38 K3	88IM	ALBUQUERQUE	NM	220.1	LIC	BLTTL	-
20060414 38 K3	8AU	CROWNPOINT N	M	127.9	LIC	BLTTL	-
19990810 38 K3	88AJ	BLANDING, ET	C. UT	179.6	LIC	BLTT	-
19811222 38 K3		TOHATCHI NM		127.8	APP	USERRECO	DRD-01
Total s	cenari	os = 1					
Result & Scenario Before A		1 1 Affected s	station	16			
Results	for: 3	8A NM AZTEC m, ATV ERP	∩ / 1 kW	BLDTT	200	60927AIP	LIC
withinot a lost lost lost lost	n Nois affecte to NTS to add	e Limited Cond by terrain CIX itional IX by	POP tour losses		•	. 4 . 9 . 0 . 0	
Potenti	al Int	erfering Stat	ions Inclu	ded in abo	ove Scen	ario	1
38N NM 7 38N UT E 38N NM C	BLANDIN	G, ETC.	BLTTL BLTT BLTTL	200604147 198112221 199908103	IB LIC		
After Ar	nalysis						
		8A NM AZTEC m, ATV ERP		BLDTT	200 AREA (s	60927AIP	LIC
not a lost lost lost	affecte to NTS to add	itional IX by IX only	tour losses	79067	2955 2673	. 4 . 9 . 9 . 1	
Potenti	al Int	erfering Stat	ions Inclu	ded in abo	ove Scen	ario	1
38N NM 7 38N UT E 38A NM 7	BLANDIN	G, ETC.	BLTTL BLTT USERRECOR	200604147 198112221 D01			
Percent	new IX	= 0.1108%					
Worst ca	ise new	IX 0.1108	% Scenario	1			

Analysis	of current	record	
Channel	Call	City/State	Application Ref. No.
38	K33GD	CAPITAN NM	BDISDTL -20090824AFB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	n Ref.
No.						
38	K38IM	ALBUQUERQUE NM	210.3	LIC	BLTTL	_
20060	414AAE					
38	NEW	OROGRANDE NM	64.4	APP	BNPDTL	_
20090	825BMM					
38	KPBT-TV	ODESSA TX	363.2	CP	BPEDT	_
20091	110AAG					
38	KPBT-TV	ODESSA TX	361.4	LIC	BLEDT	_
20080	819ACX					
38	K38AU	TOHATCHI NM	390.4	APP	USERRECORD	-01
Prop	osal caus	es no interference				

Analysis of Interference to Affected Station 18

Analysis of current record

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

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref.
No.					
38	K38IM	ALBUQUERQUE NM	95.7	LIC	BLTTL -
20060	414AAE				
38	K38AU	TOHATCHI NM	174.0	APP	USERRECORD-01
Prop	osal cau	ses no interference			

Analysis of Interference to Affected Station 19

Analysis of current record

Channel Call City/State Application Ref. No. 38 K38EC-D EAGLES NEST NM BLDTT -20091113ABU

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
	77 T C C T D		044.7		D.I. mmi
38		COLORADO SPRINGS CO	244.7	LIC	BLTTL -
19960	627JB				
38	K38IM	ALBUQUERQUE NM	187.5	LIC	BLTTL -
20060	414AAE				
38	K38AU	TOHATCHI NM	328.9	APP	USERRECORD-01
Prop	osal caus	es no interference			

Analysis of Interference to Affected Station 20

Analysis of current record

Channel Call City/State Application Ref. No. 38 NEW LORDSBURG NM BNPDTL -20100504AMW

Stations Potentially Affecting This Station

Chan Call City/State Dist(km) Status Application Ref.

No.

38 KUVE-CA TUCSON AZ 221.9 LIC BLTTA -

20030418ABB

38 K38AU TOHATCHI NM 399.5 APP USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

Analysis of Interference to Affected Station 21

Analysis of current record

Channel Call City/State Application Ref. No.

38 NEW SANTA FE NM BNPDTL -20091014AAV

Stations Potentially Affecting This Station

Chan Call City/State Dist(km) Status Application Ref. No. K38IM ALBUQUERQUE NM 38 104.5 LIC BLTTL 20060414AAE K38EC-D EAGLES NEST NM 91.2 LIC BLDTT 20091113ABU 38 K38AU TOHATCHI NM USERRECORD-01 247.7 APP Proposal causes no interference

Analysis of Interference to Affected Station 22

Analysis of current record

Channel Call City/State Application Ref. No. 38 K38HR SANTA ROSA NM BDFCDTT -20060323AAR

Chan	Call	City/State	Dist(km)	Status	Application	n Ref.
No.						
38	K38IM	ALBUQUERQUE NM	163.4	LIC	BLTTL -	-
20060	414AAE					
38	K38FP	TUCUMCARI NM	92.0	LIC	BLTT -	-
20010	514AAL					

38 K38AU TOHATCHI NM 385.5 APP USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

Analysis of Interference to Affected Station 23

Analysis of current record

Channel Call City/State Application Ref. No. 38 K38HR SANTA ROSA NM BLTT -20040322AAK

Stations Potentially Affecting This Station

Chan Call City/State Dist(km) Status Application Ref. No. K38IM ALBUOUEROUE NM 163.4 LIC BLTTL 38 20060414AAE 38 K38FP TUCUMCARI NM 92.0 LIC BLTT 20010514AAL 38 K38AU TOHATCHI NM 385.5 APP USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

Analysis of Interference to Affected Station 24

Analysis of current record

Channel Call City/State Application Ref. No. 38 NEW TRUTH OR CONSEQUENCE NM BNPDTL -20100513AED

Stations Potentially Affecting This Station

Chan Call City/State Dist(km) Status Application Ref. No.

38 K38IM ALBUQUERQUE NM 227.9 LIC BLTTL 20060414AAE
38 K38AU TOHATCHI NM 321.8 APP USERRECORD-01
Proposal causes no interference

Analysis of Interference to Affected Station 25

Analysis of current record

Channel Call City/State Application Ref. No. 38 K38IN ALTON, ETC. UT BLTT -20040701ABS

Stations Potentially Affecting This Station

Chan Call City/State Dist(km) Status Application Ref. No.

38 K38MS-D	ALTON, ETC. UT	0.0	LIC	BLDTT	_
20110131ASJ					
38 K38CJ	BICKNELL, ETC. UT	135.3	LIC	BLTTL	-
19900724IA					
38 K38GT	FILLMORE, ETC. UT	185.7	LIC	BLTT	-
20030909ABO					
38 K38HO	ROCKVILLE/SPRINGDALE UT	50.2	LIC	BLTT	-
20030123AAW					
38 KSL-TV	SALT LAKE CITY UT	366.3	LIC	BLCDT	-
20050614ABG					
38 K38AU	TOHATCHI NM	372.8	APP	USERRECORD	0-01

Analysis of Interference to Affected Station 26

Analysis of current record

Channel Call City/State Application Ref. No. 38 K38MS-D ALTON, ETC. UT BLDTT -20110131ASJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	n Ref.
No.						
38	K38IN	ALTON, ETC. UT	0.0	LIC	BLTT -	-
20040	701ABS					
38	K38GT	FILLMORE, ETC. UT	185.7	LIC	BLTT -	-
20030	909ABO					
38	K38GQ-D	HATCH UT	36.6	LIC	BLDTT -	-
20090	213CAG					
38	K38KF-D	PANGUITCH UT	50.2	LIC	BLDTT -	-
20100	607ADF					
38	K38CM-D	PAROWAN, ENOCH, ETC. U	T 64.8	LIC	BLDTT -	-
20090	728ACE					
38	K38H0	ROCKVILLE/SPRINGDALE U	T 50.2	LIC	BLTT -	-
20030	123AAW					
38	KSL-TV	SALT LAKE CITY UT	366.3	LIC	BLCDT -	-
20050	614ABG					
38	K38AU	TOHATCHI NM	372.8	APP	USERRECORD-	-01

Proposed station is beyond the site to nearest cell evaluation distance

Analysis of Interference to Affected Station 27

Analysis of current record

Channel Call City/State Application Ref. No. 38 K38JS-D ANTIMONY UT BLDTT -20090519ADB

Stations Potentially Affecting This Station

Chan Call City/State Dist(km) Status Application Ref.

No.					
38 K38IN	ALTON, ETC. UT	99.8	LIC	BLTT	_
20040701ABS					
38 K38GF-D	BEAVER ETC. UT	61.9	LIC	BLDTT	-
20100604AFX					
38 K38CJ	BICKNELL, ETC. UT	47.6	LIC	BLTTL	_
19900724IA					
38 K38GT	FILLMORE, ETC. UT	98.1	LIC	BLTT	_
20030909ABO					
38 K38KA-D	KOOSHAREM UT	38.0	LIC	BLDTT	-
20110114ABQ					
38 KSL-TV	SALT LAKE CITY UT	275.6	LIC	BLCDT	_
20050614ABG					
38 K38MW-D	TORREY, ETC. UT	47.6	LIC	BLDTT	_
20110128AET					
39 K39IZ-D	ANTIMONY UT	0.0	LIC	BLDTT	_
20090520AAA					
38 K38AU	TOHATCHI NM	384.3	APP	USERRECO	RD-01
Proposal caus	es no interference				

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

Chan	Call	City/State	Dist(km)	Status	Application	n Ref.
No.						
38	K38IN	ALTON, ETC. UT	135.3	LIC	BLTT -	-
20040	701ABS					
38	K38AJ	BLANDING, ETC. UT	185.7	LIC	BLTT -	-
19811	222IB					
38	K38GT	FILLMORE, ETC. UT	109.6	LIC	BLTT -	-
	909ABO					
38	K38GP	GREEN RIVER UT	127.0	LIC	BLTT -	_
20030	806ABV					
38	K38KA-D	KOOSHAREM UT	34.8	LIC	BLDTT -	_
20110	114ABQ					
38		SALT LAKE CITY UT	270.7	LIC	BLCDT -	_
	614ABG					
38	K38MW-D	TORREY, ETC. UT	0.0	LIC	BLDTT -	_
20110	128AET					
39	K39IV-D	TEASDALE, TORREY UT	0.0	LIC	BLDTT -	_
20110	315AAC					
38	K38AU	TOHATCHI NM	358.3	APP	USERRECORD-	-01
Prop	osal caus	es no interference				

Analysis of Interference to Affected Station 29

Analysis of current record

Channel Call City/State Application Ref. No.

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Applicati	on Ref.
No.						
38	K38CX	SHONTO AZ	167.1	LIC	BLTT	_
19940	203JE					
38	K38JD	DURANGO CO	152.2	CP	BPTTL	_
20090	709AEZ					
38	K38GP	GREEN RIVER UT	179.5	LIC	BLTT	_
20030	806ABV					
38	KSL-TV	SALT LAKE CITY UT	392.2	LIC	BLCDT	_
20050	614ABG					
38	K38AU	TOHATCHI NM	222.9	APP	USERRECOR	D-01
Prop	osal caus	es no interference				

Analysis of Interference to Affected Station 30

Analysis of current record

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

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref.
No.					
38	K38CJ	BICKNELL, ETC. UT	127.0	LIC	BLTTL -
19900	724IA				
38	K38AJ	BLANDING, ETC. UT	179.5	LIC	BLTT -
19811	222IB				
38	K38GT	FILLMORE, ETC. UT	149.1	LIC	BLTT -
20030	909ABO				
38	K38GO	ROOSEVELT UT	132.6	LIC	BLTT -
20040	409AAJ				
38	KSL-TV	SALT LAKE CITY UT	213.1	LIC	BLCDT -
20050	614ABG				
38	K38AU	TOHATCHI NM	398.0	APP	USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

Analysis of Interference to Affected Station 31

Analysis of current record

Channel Call City/State Application Ref. No. 38 K38GQ-D HATCH UT BLDTT -20090213CAG

Stations Potentially Affecting This Station

Chan Call City/State Dist(km) Status Application Ref. No.
38 K38IN ALTON, ETC. UT 36.6 LIC BLTT -

20040701ABS					
38 K38MS-D	ALTON, ETC. UT	36.6	LIC	BLDTT	_
20110131ASJ					
38 K38CJ	BICKNELL, ETC. UT	101.2	LIC	BLTTL	_
19900724IA					
38 K38GT	FILLMORE, ETC. UT	151.2	LIC	BLTT	_
20030909ABO					
38 K38KF-D	PANGUITCH UT	17.7	LIC	BLDTT	_
20100607ADF					
38 K38CM-D	PAROWAN, ENOCH, ETC. UT	56.0	LIC	BLDTT	_
20090728ACE					
38 K38HO	ROCKVILLE/SPRINGDALE UT	82.3	LIC	BLTT	_
20030123AAW					
38 KSL-TV	SALT LAKE CITY UT	331.8	LIC	BLCDT	-
20050614ABG					
38 K38AU	TOHATCHI NM	375.6	APP	USERRECO	RD-01

Analysis of Interference to Affected Station 32

Analysis of current record

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

# Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	n Ref.
No.						
38	K38JS-D	ANTIMONY UT	38.0	LIC	BLDTT -	-
20090	519ADB					
38	K38CJ	BICKNELL, ETC. UT	34.8	LIC	BLTTL -	-
19900	724IA					
38	K38GT	FILLMORE, ETC. UT	75.7	LIC	BLTT -	-
20030	909ABO					
38	K38GP	GREEN RIVER UT	131.2	LIC	BLTT -	-
20030	806ABV					
38	K38AQ-D	RICHFIELD, ETC UT	26.9	LIC	BLDTT -	-
20090	720ABL					
38	KSL-TV	SALT LAKE CITY UT	244.5	LIC	BLCDT -	-
20050	614ABG					
38	K38MW-D	TORREY, ETC. UT	34.8	LIC	BLDTT -	-
20110	128AET					
39	K39JD-D	KOOSHAREM UT	0.0	LIC	BLDTT -	-
20110	114ABR					
39	K39GN-D	RURAL SEVIER COUNTY UT	5.1	LIC	BLDTT -	-
20110	321ABK					
38	K38AU	TOHATCHI NM	392.8	APP	USERRECORD-	-01
Prop	osal caus	es no interference				

Analysis of current record

Channel Call City/State Application Ref. No. 38 K38KF-D PANGUITCH UT BLDTT -20100607ADF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	n Ref.
No.						
38	K38IN	ALTON, ETC. UT	50.2	LIC	BLTT -	-
20040	701ABS					
38	K38MS-D	ALTON, ETC. UT	50.2	LIC	BLDTT -	-
20110	131ASJ					
38	K38CJ	BICKNELL, ETC. UT	97.6	LIC	BLTTL -	-
19900	724IA					
38	K38GT	FILLMORE, ETC. UT	135.5	LIC	BLTT -	-
20030	909ABO					
38	K38GQ-D	HATCH UT	17.7	LIC	BLDTT -	-
20090	213CAG					
38	K38CM-D	PAROWAN, ENOCH, ETC. U	T 45.4	LIC	BLDTT -	-
20090	728ACE					
38	K38H0	ROCKVILLE/SPRINGDALE U	T 89.8	LIC	BLTT -	_
20030	123AAW					
38	KSL-TV	SALT LAKE CITY UT	316.2	LIC	BLCDT -	_
20050	614ABG					
39	K39JG-D	PANGUITCH UT	0.0	LIC	BLDTT -	-
20100	607ADG					
38	K38AU	TOHATCHI NM	390.4	APP	USERRECORD-	-01

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 K38HO ROCKVILLE/SPRINGDALE UT BLTT -20030123AAW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref.
No.					
38	K38GR	MEADVIEW AZ	172.0	LIC	BLTT -
20040	521AAP				
38	K38IN	ALTON, ETC. UT	50.2	LIC	BLTT -
20040	701ABS				
38	K38AU	TOHATCHI NM	404.4	APP	USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

Analysis of Interference to Affected Station 35

Analysis of current record

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

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Applicatio	n Ref.
No. 38	K38CJ	BICKNELL, ETC. UT	0.0	LIC	BLTTL	_
19900	724IA					
38	K38AJ	BLANDING, ETC. UT	185.7	LIC	BLTT	_
19811	222IB					
38	K38GT	FILLMORE, ETC. UT	109.6	LIC	BLTT	_
20030	909ABO	·				
38	K38GP	GREEN RIVER UT	127.0	LIC	BLTT	_
20030	806ABV					
38	K38KA-D	KOOSHAREM UT	34.8	LIC	BLDTT	_
20110	114ABQ					
38	KSL-TV	SALT LAKE CITY UT	270.7	LIC	BLCDT	_
20050	614ABG					
39	K39IV-D	TEASDALE, TORREY UT	0.0	LIC	BLDTT	_
20110	315AAC	•				
38	K38AU	TOHATCHI NM	358.3	APP	USERRECORD	-01
Prop	osal caus	es no interference				

Analysis of Interference to Affected Station 36

Analysis of current record

Channel Call City/State Application Ref. No.

39 K39EY-D CORTEZ CO BLDTT -20090522ABR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref.
No.					
39	K39AH-D	DURANGO CO	23.3	LIC	BLDTT -
20090	518ADF				
39	K39AF	GRAND JUNCTION, ETC	. CO 191.6	LIC	BLTT -
19810	724IK				
38	K38AU	TOHATCHI NM	171.3	APP	USERRECORD-01

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.

39 K39AH-D DURANGO CO BLDTT -20090518ADF

Stations Potentially Affecting This Station

Chan Call City/State Dist(km) Status Application Ref. No.

38 K38JD	DURANGO CO	1.6	CP	BPTTL	_
20090709AEZ					
39 K39EY-	D CORTEZ CO	23.3	LIC	BLDTT	_
20090522ABR					
39 K39AF	GRAND JUNCTION, ETC. CO	204.8	LIC	BLTT	-
19810724IK					
38 K38AU	TOHATCHI NM	168.7	APP	USERRECO:	RD-01

Analysis of Interference to Affected Station 38

Analysis of current record

Channel Call City/State Application Ref. No. 39 K39EW GALLUP NM BLTT -20020422AAL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref	
No.						
39	KTAZ	PHOENIX AZ	390.4	LIC	BLCDT -	
20090	709ADG					
39	K39FY	ZUNI NM	46.9	LIC	BLTT -	
20020	320ADH					
38	K38AU	TOHATCHI NM	41.8	APP	USERRECORD-01	
Pror	osal caus	ses no interference				

Analysis of Interference to Affected Station 39

Analysis of current record

Channel Call City/State Application Ref. No.

39 K39EW GALLUP NM BDFCDTT -20090824AIH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref.
No.					
39	KTAZ	PHOENIX AZ	390.4	LIC	BLCDT -
20090	709ADG				
39	K39FY	ZUNI NM	46.9	LIC	BLTT -
20020	320ADH				
38	K38AU	TOHATCHI NM	41.8	APP	USERRECORD-01

Total scenarios = 1

Result key: 2

Scenario 1 Affected station 39

Before Analysis

Results for: 39A NM GALLUP BDFCDTT 20090824AIH CP

HAAT 1.0 m, ATV ERP 0.2 kW

within Noise Limited Contour	POPULATION 27841	AREA (sq km) 473.6
not affected by terrain losses	27819	463.7
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

After Analysis

Results for: 39A NM GALLUP BDFCDTT 20090824AIH CP HAAT 1.0 m, ATV ERP 0.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	27841	473.6
not affected by terrain losses	27819	463.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	536	15.9
lost to ATV IX only	536	15.9
lost to all IX	536	15.9

Potential Interfering Stations Included in above Scenario 1

38A NM TOHATCHI USERRECORD01 APP

Percent new IX = 1.9267%

Worst case new IX 1.9267% Scenario 1

Analysis of Interference to Affected Station 40

Analysis of current record

Channel Call City/State Application Ref. No. 39 K39FY ZUNI NM BLTT -20020320ADH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	n Ref.
No.						
39	KTAZ	PHOENIX AZ	364.0	LIC	BLCDT	_
20090	709ADG					
39	K39EW	GALLUP NM	46.9	LIC	BLTT	_
20020	422AAL					
38	K38AU	TOHATCHI NM	88.6	APP	USERRECORI	0-01
Prop	osal caus	ses no interference				

Analysis of Interference to Affected Station 41

Analysis of current record

Channel Call City/State Application Ref. No. 40 K40AP TSAILE AZ BLTTL -19870318IC

Stations Potentially Affecting This Station

Chan Call City/State Dist(km) Status Application Ref.

No.

38 K38AU TOHATCHI NM 56.0 APP USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

Analysis of Interference to Affected Station 42

Analysis of current record

Channel Call City/State Application Ref. No.
41 K41HU FARMINGTON NM BNPTTL -20000831BOY

Stations Potentially Affecting This Station

Chan Call City/State Dist(km) Status Application Ref. No. 33 KRTN-TV DURANGO CO 69.4 LIC BLCDT 20081029AAA K41FK TOHATCHI NM 100.4 LIC BLTT 41 20021016AAR 38 K38AU TOHATCHI NM 100.3 APP USERRECORD-01

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.
41 K41FK TOHATCHI NM BLTT -20021016AAR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref.
No.					
41	K41HU	FARMINGTON NM	100.4	APP	BNPTTL -
20000	831BQY				
42	K42IK	TOHATCHI NM	0.0	CP	BDFCDTT -
20090	824AIX				
42	K42IK	TOHATCHI NM	0.0	LIC	BLTT -
20100	715AEG				
38	K38AU	TOHATCHI NM	0.2	APP	USERRECORD-01
Prop	osal caus	ses no interference			

Analysis of current record

Channel Call City/State Application Ref. No. 42 K42IK TOHATCHI NM BLTT -20100715AEG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref.
No.						
41	K41FK	TOHATCHI NM	0.0	CP	BDFCDTT -	-
20080	703ACC					
41	K41FK	TOHATCHI NM	0.0	LIC	BLTT -	-
20021	.016AAR					
42	KLUZ-TV	ALBUQUERQUE NM	224.0	LIC	BLCDT -	-
20070	823AAK					
38	K38AU	TOHATCHI NM	0.2	APP	USERRECORD-	01
Prop	osal caus	es no interference				

Analysis of Interference to Affected Station 45

Analysis of current record

Channel Call City/State Application Ref. No.
45 K45CU SHIPROCK NM BLTT -19901015JH

Stations Potentially Affecting This Station

	Call	City/State	Dist(km)	Status	Application	Ref.
No. 45	K7CA-L/	ALBUOUEROUE NM	275.5	T.T.C	BLCDT -	
	429ABF	MIDOQUINQUI IVII	273.3	птс	БПСБІ	
45	K45GM	BLANDING & MONTICELL	UT 156.8	LIC	BLTT -	
20040	205AET					
38	K38AU	TOHATCHI NM	67.5	APP	USERRECORD-(	)1

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.
46 K46FI GRANTS NM BLTT -20010814AAD

Chan	Call	City/State	Dist(km)	Status	Applicatio	n Ref.
No.						
42	KLUZ-TV	ALBUQUERQUE NM	104.3	LIC	BLCDT	_
20070	823AAK					
45	KASY-TV	ALBUQUERQUE NM	104.2	LIC	BLCDT	_
20030	429ABF					
46	K46GY	SANTA FE NM	104.1	LIC	BLTT	_
20030	403AAN					

Analysis of Interference to Affected Station 47

Analysis of current record

Channel Call City/State Application Ref. No. 38 K38AU TOHATCHI NM USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Applicati	on Ref.
No.						
38	K38JD	DURANGO CO	169.4	CP	BPTTL	_
20090	709AEZ					
38	K38IM	ALBUQUERQUE NM	223.9	LIC	BLTTL	_
20060	414AAE					
38	K38AJ	BLANDING, ETC. UT	222.9	LIC	BLTT	_
19811	.222IB					
39	K39EW	GALLUP NM	41.8	LIC	BLTT	_
20020	422AAL					
39	K39EW	GALLUP NM	41.8	CP	BDFCDTT	_
20090	824AIH					

Total scenarios = 1

Result key: 3

Scenario 1 Affected station 47

Before Analysis

Results for: 38A NM TOHATCHI USERRECORD01 APP HAAT 600.0 m, ATV ERP 0.6 kW

POPULATION AREA (sq km) within Noise Limited Contour 55901 5743.6 not affected by terrain losses 39271 5263.2

WICHIN NOISE BIMICCA CONCOUR	33301	3 / 13 • 0
not affected by terrain losses	39271	5263.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	10812	39.5
lost to ATV IX only	10812	39.5
lost to all IX	10812	39.5
lost to ATV IX only		03.0

Potential Interfering Stations Included in above Scenario 1

39A NM GALLUP BDFCDTT 20090824AIH CP

FINISHED FINISHED FINISHED FINISHED FINISHED