

TECHNICAL EXHIBIT
APPLICATION FOR DIGITAL FLASH-CUT AND DISPLACEMENT CHANNEL
K51BQ TRANSLATOR
TRUTH OR CONSEQUENCE, NEW MEXICO
CH 29 0.2 KW (MAX-DA)

Technical Exhibit

The technical exhibit supports an application for a digital flash-cut displacement channel and displacement for K51BQ assigned to Truth and Consequence, New Mexico. It is proposed for K51BQ to have digital operation on Channel 29.

Summary of Proposed Facilities

Below is a tabulation of the proposed paired digital facility:

Channel:	29
Geographic Coordinates:	33° 08' 48" North Latitude 107° 17' 06" West Longitude
Antenna Structure Registration:	N/A
Overall Tower Height:	15 meters
Ground Elevation:	1524 meters
Radiation Center:	1535 meters AMSL 11 meters (35 feet) AGL
Antenna Type:	Scala, 4DR-8-2HW
Antenna Major Lobe Orientation:	135° True
Transmitter Power Output:	30 watts
Transmission Line:	Andrew LDF5, 50 feet
Emissions Mask:	Stringent
Maximum Effective Radiated Power:	0.2 kilowatt

Figure 1 is a map depicting the proposed translator's contour digital contour.

Allocation Considerations

A study has been conducted to assure that the proposal will not create prohibited interference with other post-transition licensed, authorized or pending analog or digital TV, LPTV/translator and Class A TV stations. Using the procedures outlined in the FCC's OET-69 Bulletin, the allocation study is provided in Figure 2.

Radiofrequency Electromagnetic Field Exposure

The proposed facilities were evaluated in terms of potential radio frequency (RF) energy exposure at ground level to workers and the general public. The radiation center for the antenna is located 11 meters above ground level. The proposed ERP of 0.2 kW is assumed. A conservative relative field value of 0.5 was assumed for the Scala antenna's downward radiation. The calculated power density at ground level is 0.002 mW/cm^2 . This is less than 5% of the FCC's recommended limit of 0.38 mW/cm^2 for channel 29 for an "uncontrolled" environment.

Access to the transmitting site will be restricted and appropriately marked with warning signs. In the event that workers or other authorized personnel enter restricted areas or climb the tower, appropriate measures will be taken to assure worker safety with respect to radio frequency radiation exposure.

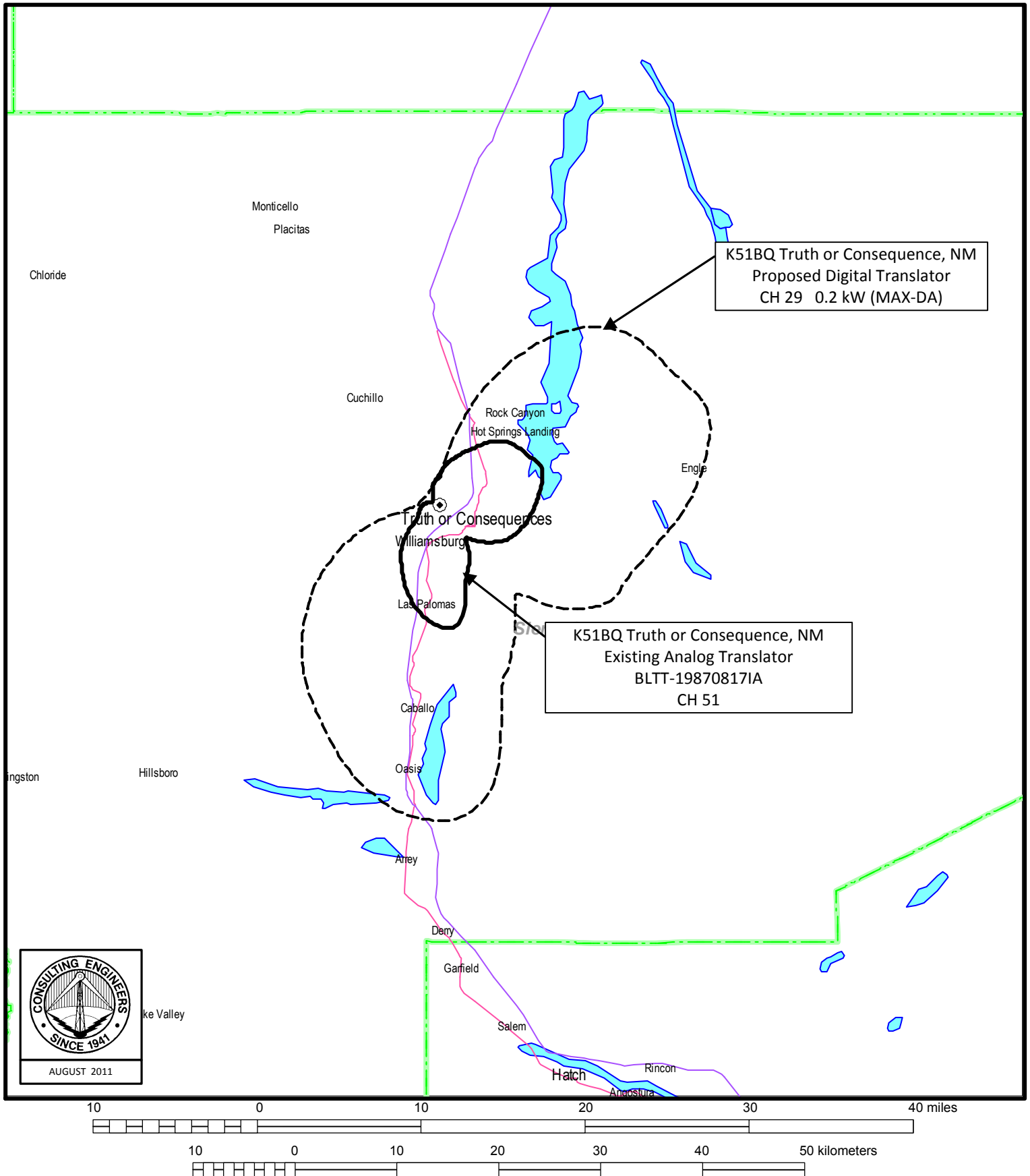
It is noted that this statement only addresses the potential for radiofrequency electromagnetic field exposure. All other aspects of the environmental processing analysis will be or already have been provided to the FCC by the tower owner as part of the tower registration process.

Charles A. Cooper

du Treil, Lundin & Rackley, Inc.
201 Fletcher Avenue
Sarasota, Florida 34237
(941) 329-6000

August 26, 2011

Figure 1



FCC PREDICTED PROTECTED COVERAGE CONTOURS

TV TRANSLATOR K51BQ

TRUTH OR CONSEQUENCE, NEW MEXICO

CH 29 0.2 KW (MAX-DA)

du Treil, Lundin & Rackley, Inc Sarasota, Florida

Figure 2

TECHNICAL EXHIBIT
APPLICATION FOR DIGITAL FLASH-CUT AND DISPLACEMENT CHANNEL
K51BQ TRANSLATOR
TRUTH OR CONSEQUENCE, NEW MEXICO
CH 29 0.2 KW (MAX-DA)

OET-69 Allocation Analysis

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: 08-26-2011 Time: 14:26:30

Record Selected for Analysis

K51BQ USERRECORD-01 TRUTH OR CONSEQUENCE NM US
Channel 29 ERP 0.2 kW HAAT 113. m RCAMSL 01535 m STRINGENT MASK
Latitude 033-08-48 Longitude 0107-17-06
Status APP Zone 2 Border Site number: 01
Dir Antenna Make CDB Model 00000000020751 Beam tilt N Ref Azimuth 85.
Last update Cutoff date Docket
Comments
Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Not full service station
Service Class = LD
Maximum height/power limits not checked

Site number	1		
Azimuth	ERP	HAAT	51.0 dBu F(50,90)
(Deg)	(kW)	(m)	(km)
0.0	0.118	86.2	16.2
45.0	0.160	189.8	25.8
90.0	0.189	140.7	23.6
135.0	0.198	33.0	11.6
180.0	0.084	253.3	25.6
225.0	0.000	116.2	3.2
270.0	0.000	55.4	2.4
315.0	0.000	33.0	1.8

Contour Overlap to Proposed Station

Contour Overlap Evaluation to Proposed Station Complete

NO LANDMOBILE SPACING VIOLATIONS FOUND

Checks to Site Number 01

Proposed facility OK to FCC Monitoring Stations

Figure 2

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 within the Mexican coordination distance
Distance to border = 151.5km

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
29	K51BQ	TRUTH OR CONSEQUENCE NM	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	K14LO	LORDSBURG NM	123.5	LIC	BLTT	-20051026AAI
22	K22FN	WHITE OAKS, ETC. NM	122.2	LIC	BLTT	-20000309AAB
25	K25DI	SILVER CITY NM	95.0	LIC	BLTT	-19910325JS
27	K27BN	TRUTH OR CONSEQUENCE NM	0.0	LIC	BLTT	-19871106IB
28	NEW	SAN SIMON AZ	206.9	APP	BNPDTL	-20100504AMT
28	K28HB	ALAMOGORDO NM	136.5	LIC	BLTTL	-20010801ALG
28	K28GJ-D	HATCH NM	54.2	LIC	BLDTT	-20100115ACL
28	K23JT-D	SILVER CITY NM	94.5	APP	BDISDTT	-20100827AAX
28	K28GK	SILVER CITY NM	94.5	LIC	BLTT	-20021220ADV
28	K28GK	SILVER CITY NM	94.5	APP	BSTA	-20110421AAL
29	NEW	GILA RIVER INDIAN CO AZ	399.7	APP	BNPDTL	-20100713APR
29	KDOS-LP	GLOBE AZ	329.9	CP	BDISDTL	-20090630AAE
29	KPCE-LP	TUCSON AZ	372.0	LIC	BLTTL	-20080605AAT
29	KAPT-LP	ALAMOGORDO NM	135.0	LIC	BLTTL	-19911205JF
29	K29FM-D	ARTESIA NM	268.5	LIC	BLDTT	-20071205ADC
29	K29HB-D	CLOVIS NM	402.9	LIC	BLDTL	-20091109AAU
29	K29HR-D	FARMINGTON NM	401.1	LIC	BLDTT	-20080528ABA
29	KUPT	HOBBS NM	393.5	LIC	BLCDT	-20081125ADR
29	K29DP	LORDSBURG NM	162.6	APP	BSTA	-20070525ACP
29	K29DP	LORDSBURG NM	162.6	APP	BDFCDTT	-20060331ABI
29	K29DP	LORDSBURG NM	165.6	LIC	BLTT	-19980108JH
29	K29DP	LORDSBURG NM	162.6	CP	BPTT	-20070525ACN
29	NEW	MAGDALENA NM	18.3	APP	BNPDTL	-20100513AEO
29	KWBQ	SANTA FE NM	242.1	LIC	BLCDT	-20030429ABG
29	KWBQ	SANTA FE NM	242.2	CP MOD	BMPCDT	-20010323AAU
30	K30GM	CAPITAN/RUIDOSO NM	142.6	CP	BDFCDTT	-20090824ADM
30	K30GM	CAPITAN/RUIDOSO NM	142.6	LIC	BLTT	-20011002AAR
30	KLCP-LP	LAS CRUCES NM	95.9	LIC	BLTTL	-19990419JD
30	K30KU-D	SILVER CITY NM	95.0	CP	BDCDDTT	-20090825BKF
30	NEW	SOCORRO NM	94.2	APP	BNPDTL	-20100513AER
31	K31GJ	ALAMOGORDO NM	135.1	LIC	BLTT	-20020722ABJ
31	K31DR	CABALLO NM	20.3	LIC	BLTT	-20041021AEZ
31	K31HQ	LORDSBURG NM	123.4	LIC	BLTT	-20060321ADZ
31	K31FX	PIE TOWN & QUEMADO NM	139.0	LIC	BLTT	-20090414ACC
36	KKNJ-LP	ALAMOGORDO NM	135.0	LIC	BLTT	-19890606IQ
36	K36GA	LORDSBURG NM	123.4	LIC	BLTT	-20040309ACY

%%%

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
14	K14LO	LORDSBURG NM	BLTT	-20051026AAI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
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Figure 2

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14  KUDF-LP  TUCSON AZ          215.6  LIC  BLTTL  -19890407IB
29  K51BQ    TRUTH OR CONSEQUENCE NM  123.5  APP  USERRECORD-01
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Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application Ref. No.
22	K22FN	WHITE OAKS, ETC. NM	BLTT -20000309AAB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
22	KTFQ-DT	ALBUQUERQUE NM	181.6	LIC	BLCDT -20090618ACG
29	K51BQ	TRUTH OR CONSEQUENCE NM	122.2	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application Ref. No.
25	K25DI	SILVER CITY NM	BLTT -19910325JS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
25	KMSB	TUCSON AZ	236.6	LIC	BLCDT -20050623ABE
25	KQDF-LP	ALBUQUERQUE NM	310.6	CP	BP TTL -20081230AAP
25	KTEL-TV	CARLSBAD NM	381.9	LIC	BLCDT -20081125ADK
25	KINT-TV	EL PASO TX	201.9	CP	BPCDT -19991029AGI
29	K51BQ	TRUTH OR CONSEQUENCE NM	95.0	APP	USERRECORD-01

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.
27	K27BN	TRUTH OR CONSEQUENCE NM	BLTT -19871106IB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
23	KRWG-TV	LAS CRUCES NM	109.7	CP	BP EDT -20080709AHL
23	KRWG-TV	LAS CRUCES NM	109.7	LIC	BLEDT -20071119AFE
27	KRPV-DT	ROSWELL NM	271.7	LIC	BLCDT -20090211ABQ
27	KASA-TV	SANTA FE NM	242.2	LIC	BLCDT -20090417AAS
29	K51BQ	TRUTH OR CONSEQUENCE NM	0.0	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 5

Figure 2

Analysis of current record

Channel	Call	City/State	Application Ref. No.
28	NEW	SAN SIMON AZ	BNPDTL -20100504AMT

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
28	KUAS-TV	TUCSON AZ	166.5	LIC	BLEDT -20030115ABS
28	K23JT-D	SILVER CITY NM	114.3	APP	BDISDTT -20100827AAX
28	K28GK	SILVER CITY NM	114.3	LIC	BLTT -20021220ADV
28	K28GK	SILVER CITY NM	114.3	APP	BSTA -20110421AAL
29	K51BQ	TRUTH OR CONSEQUENCE NM	206.9	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application Ref. No.
28	K28HB	ALAMOGORDO NM	BLTTL -20010801ALG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
25	KINT-TV	EL PASO TX	128.4	CP	BPCDT -19991029AGI
27	K27HP-D	ALAMOGORDO NM	1.6	LIC	BLDTT -20091211AEQ
28	K28GJ-D	HATCH NM	112.5	LIC	BLDTT -20100115ACL
28	K28GK	SILVER CITY NM	221.4	LIC	BLTT -20021220ADV
29	KAPT-LP	ALAMOGORDO NM	1.5	LIC	BLTTL -19911205JF
29	K51BQ	TRUTH OR CONSEQUENCE NM	136.5	APP	USERRECORD-01

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.
28	K28GJ-D	HATCH NM	BLDTT -20100115ACL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
28	KUAS-TV	TUCSON AZ	373.5	LIC	BLEDT -20030115ABS
28	K28HB	ALAMOGORDO NM	112.5	LIC	BLTTL -20010801ALG
28	K23JT-D	SILVER CITY NM	111.6	APP	BDISDTT -20100827AAX
28	K28GK	SILVER CITY NM	111.6	LIC	BLTT -20021220ADV
28	K28GK	SILVER CITY NM	111.6	APP	BSTA -20110421AAL
29	NEW	MAGDALENA NM	39.7	APP	BNPDTL -20100513AEO
29	K51BQ	TRUTH OR CONSEQUENCE NM	54.2	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application Ref. No.
28	K23JT-D	SILVER CITY NM	BDISDTT -20100827AAX

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
28	NEW	SAN SIMON AZ	114.3	APP	BNPDTL -20100504AMT

Figure 2

28	KUAS-TV	TUCSON AZ	268.9	LIC	BLEDT	-20030115ABS
28	K28HB	ALAMOGORDO NM	221.4	LIC	BLTTL	-20010801ALG
28	K28GJ-D	HATCH NM	111.6	LIC	BLDTT	-20100115ACL
28	K28GK	SILVER CITY NM	0.0	LIC	BLTT	-20021220ADV
28	K28GK	SILVER CITY NM	0.0	APP	BSTA	-20110421AAL
29	K51BQ	TRUTH OR CONSEQUENCE NM	94.5	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application Ref. No.
28	K28GK	SILVER CITY NM	BLTT -20021220ADV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
28	KUAS-TV	TUCSON AZ	268.9	LIC	BLEDT -20030115ABS
28	K28HB	ALAMOGORDO NM	221.4	LIC	BLTTL -20010801ALG
28	K28GJ-D	HATCH NM	111.6	LIC	BLDTT -20100115ACL
28	K23JT-D	SILVER CITY NM	0.0	APP	BDISDTT -20100827AAX
29	K51BQ	TRUTH OR CONSEQUENCE NM	94.5	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application Ref. No.
28	K28GK	SILVER CITY NM	BSTA -20110421AAL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
28	NEW	SAN SIMON AZ	114.3	APP	BNPDTL -20100504AMT
28	KUAS-TV	TUCSON AZ	268.9	LIC	BLEDT -20030115ABS
28	K28HB	ALAMOGORDO NM	221.4	LIC	BLTTL -20010801ALG
28	K28GJ-D	HATCH NM	111.6	LIC	BLDTT -20100115ACL
28	K23JT-D	SILVER CITY NM	0.0	APP	BDISDTT -20100827AAX
29	K51BQ	TRUTH OR CONSEQUENCE NM	94.5	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application Ref. No.
29	NEW	GILA RIVER INDIAN CO AZ	BNPDTL -20100713APR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
28	KCAB-LP	CASA GRANDE AZ	23.7	LIC	BLTTL -20051007ABP
28	NEW	GILA RIVER INDIAN CO AZ	71.7	APP	BNPDTL -20100713APJ
28	KCOS-LP	PHOENIX AZ	51.9	LIC	BLTTL -19990325JD
28	KUAS-TV	TUCSON AZ	105.1	LIC	BLEDT -20030115ABS
29	K29IQ-D	COTTONWOOD AZ	192.4	CP	BDCCDTT -20080917ACQ
29	NEW	GILA RIVER INDIAN CO AZ	25.6	APP	BNPDTL -20100713APN
29	KDOS-LP	GLOBE AZ	75.1	CP	BDISDTL -20090630AAE
29	KPCE-LP	TUCSON AZ	96.9	LIC	BLTTL -20080605AAT
30	NEW	GILA RIVER INDIAN CO AZ	46.0	APP	BNPDTL -20100707EBQ
30	KUAT-TV	TUCSON AZ	105.6	LIC	BLEDT -20040727ABR
29	K51BQ	TRUTH OR CONSEQUENCE NM	399.7	APP	USERRECORD-01

Figure 2

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.
29	KDOS-LP	GLOBE AZ	BDISDTL -20090630AAE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
28	KCOS-LP	PHOENIX AZ	78.7	LIC	BLTTL -19990325JD
28	KUAS-TV	TUCSON AZ	120.6	LIC	BLEDT -20030115ABS
29	K29IQ-D	COTTONWOOD AZ	196.8	CP	BDCCDTT -20080917ACQ
29	NEW	GILA RIVER INDIAN CO AZ	91.5	APP	BNPDTL -20100713APN
29	NEW	GILA RIVER INDIAN CO AZ	75.1	APP	BNPDTL -20100713APR
29	KPCE-LP	TUCSON AZ	118.7	LIC	BLTTL -20080605AAT
29	K29DK	WILLIAMS AZ	247.1	LIC	BLTT -20060111ACD
30	NEW	GILA RIVER INDIAN CO AZ	105.2	APP	BNPDTL -20100707EBQ
30	KUAT-TV	TUCSON AZ	97.7	LIC	BLEDT -20040727ABR
29	K51BQ	TRUTH OR CONSEQUENCE NM	329.9	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application Ref. No.
29	KPCE-LP	TUCSON AZ	BLTTL -20080605AAT

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
25	KMSB	TUCSON AZ	42.1	LIC	BLCDT -20050623ABE
28	KUAS-TV	TUCSON AZ	11.0	LIC	BLEDT -20030115ABS
29	NEW	GILA RIVER INDIAN CO AZ	119.9	APP	BNPDTL -20100713APN
29	NEW	GILA RIVER INDIAN CO AZ	96.9	APP	BNPDTL -20100713APR
29	KDOS-LP	GLOBE AZ	118.7	CP	BDISDTL -20090630AAE
30	KUAT-TV	TUCSON AZ	42.0	LIC	BLEDT -20040727ABR
32	KOLD-TV	TUCSON AZ	42.1	LIC	BLCDT -20030911AAI
36	KFTU-DT	DOUGLAS AZ	138.6	LIC	BLCDT -20090616ABO
36	KFTU-DT	DOUGLAS AZ	138.6	CP	BPCDT -20080514AFZ
44	KWBA-TV	SIERRA VISTA AZ	62.0	LIC	BLCDT -20050614ACW
29	K51BQ	TRUTH OR CONSEQUENCE NM	372.0	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application Ref. No.
29	KAPT-LP	ALAMOGORDO NM	BLTTL -19911205JF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
25	KINT-TV	EL PASO TX	127.8	CP	BPCDT -19991029AGI
28	K28HB	ALAMOGORDO NM	1.5	LIC	BLTTL -20010801ALG
29	KUPT	HOBBS NM	261.0	LIC	BLCDT -20081125ADR

Figure 2

29	KWBQ	SANTA FE NM	269.8	LIC	BLCDT	-20030429ABG
29	KWBQ	SANTA FE NM	270.0	CP MOD	BMPCDT	-20010323AAU
30	K30GM	CAPITAN/RUIDOSO NM	64.6	CP	BDFCDTT	-20090824ADM
29	K51BQ	TRUTH OR CONSEQUENCE NM	135.0	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 15

Analysis of current record

Channel	Call	City/State	Application Ref. No.
29	K29FM-D	ARTESIA NM	BLDTT -20071205ADC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
28	NEW	CARLSBAD NM	49.9	APP	BDCCDTL -20100304ABR
28	K28JO-D	CARLSBAD NM	49.9	CP MOD	BMPDTL -20090529AOT
29	KAPT-LP	ALAMOGORDO NM	136.2	LIC	BLTTL -19911205JF
29	KUPT	HOBBS NM	125.1	LIC	BLCDT -20081125ADR
29	KWBQ	SANTA FE NM	322.8	LIC	BLCDT -20030429ABG
29	KWBQ	SANTA FE NM	322.9	CP MOD	BMPCDT -20010323AAU
29	K51BQ	TRUTH OR CONSEQUENCE NM	268.5	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 16

Analysis of current record

Channel	Call	City/State	Application Ref. No.
29	K29HB-D	CLOVIS NM	BLDTL -20091109AAU

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
29	KUPT	HOBBS NM	191.0	LIC	BLCDT -20081125ADR
29	KWBQ	SANTA FE NM	307.7	LIC	BLCDT -20030429ABG
29	KWBQ	SANTA FE NM	307.8	CP MOD	BMPCDT -20010323AAU
29	K29JX-D	TULIA TX	131.1	CP	BNPDTL -20100324ADP
30	K30HD-D	TUCUMCARI NM	89.1	LIC	BLDTT -20071205ADE
29	K51BQ	TRUTH OR CONSEQUENCE NM	402.9	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 17

Analysis of current record

Channel	Call	City/State	Application Ref. No.
29	K29HR-D	FARMINGTON NM	BLDTT -20080528ABA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
28	K28EB-D	CORTEZ, ETC CO	77.5	LIC	BLDTT -20090522ABX
29	K29GO-D	CORTEZ, ETC CO	77.5	LIC	BLDTT -20090522ABU
29	K29CZ	DURANGO CO	72.1	LIC	BLTT -19961107JB
29	KWBQ	SANTA FE NM	228.1	LIC	BLCDT -20030429ABG
29	KWBQ	SANTA FE NM	228.0	CP MOD	BMPCDT -20010323AAU
30	K30HJ-D	CORTEZ, ETC CO	77.5	LIC	BLDTT -20090522ACI
30	K30KB	FARMINGTON NM	5.7	LIC	BLTT -20090709AFD
29	K51BQ	TRUTH OR CONSEQUENCE NM	401.1	APP	USERRECORD-01

Figure 2

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 18

Analysis of current record

Channel	Call	City/State	Application Ref. No.
29	KUPT	HOBBS NM	BLCDT -20081125ADR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
29	KWBQ	SANTA FE NM	414.7	LIC	BLCDT -20030429ABG
29	KWBQ	SANTA FE NM	414.8	CP MOD	BMPCDT -20010323AAU
29	KRBC-TV	ABILENE TX	331.7	LIC	BLCDT -20070831AAK
30	KWWT	ODESSA TX	106.3	LIC	BLCDT -20090612AJT
29	K51BQ	TRUTH OR CONSEQUENCE NM	393.5	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 19

Analysis of current record

Channel	Call	City/State	Application Ref. No.
29	K29DP	LORDSBURG NM	BSTA -20070525ACP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
29	KWBQ	SANTA FE NM	383.5	LIC	BLCDT -20030429ABG
29	KWBQ	SANTA FE NM	383.5	CP MOD	BMPCDT -20010323AAU
29	K51BQ	TRUTH OR CONSEQUENCE NM	162.6	APP	USERRECORD-01

Proposal causes no interference

#####

Analysis of Interference to Affected Station 20

Analysis of current record

Channel	Call	City/State	Application Ref. No.
29	K29DP	LORDSBURG NM	BDFCDT -20060331ABI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
29	KDOS-LP	GLOBE AZ	223.6	CP	BDISDTL -20090630AAE
29	KPCE-LP	TUCSON AZ	224.7	LIC	BLTTL -20080605AAT
29	KWBQ	SANTA FE NM	383.5	LIC	BLCDT -20030429ABG
29	KWBQ	SANTA FE NM	383.5	CP MOD	BMPCDT -20010323AAU
29	K51BQ	TRUTH OR CONSEQUENCE NM	162.6	APP	USERRECORD-01

Proposal causes no interference

#####

Analysis of Interference to Affected Station 21

Analysis of current record

Channel	Call	City/State	Application Ref. No.
29	K29DP	LORDSBURG NM	BLTT -19980108JH

Figure 2

```

Stations Potentially Affecting This Station

Chan  Call      City/State      Dist(km) Status  Application Ref. No.
29  KWBQ      SANTA FE NM      386.0  LIC    BLCDT    -20030429ABG
29  KWBQ      SANTA FE NM      386.1  CP MOD BMPCDT    -20010323AAU
29  K51BQ     TRUTH OR CONSEQUENCE NM  165.6  APP    USERRECORD-01
Proposal causes no interference

#####

Analysis of Interference to Affected Station  22

Analysis of current record
Channel  Call      City/State      Application Ref. No.
29      K29DP     LORDSBURG NM      BPTT      -20070525ACN

Stations Potentially Affecting This Station

Chan  Call      City/State      Dist(km) Status  Application Ref. No.
29  KWBQ      SANTA FE NM      383.5  LIC    BLCDT    -20030429ABG
29  KWBQ      SANTA FE NM      383.5  CP MOD BMPCDT    -20010323AAU
29  K51BQ     TRUTH OR CONSEQUENCE NM  162.6  APP    USERRECORD-01
Proposal causes no interference

#####

Analysis of Interference to Affected Station  23

Analysis of current record
Channel  Call      City/State      Application Ref. No.
29      NEW      MAGDALENA NM      BNPDTL     -20100513AEO

Stations Potentially Affecting This Station

Chan  Call      City/State      Dist(km) Status  Application Ref. No.
28  K28GJ-D  HATCH NM        39.7   LIC    BLDTT    -20100115ACL
29  KAPT-LP  ALAMOGORDO NM    134.3  LIC    BLTTL    -19911205JF
29  KWBQ      SANTA FE NM      260.1  LIC    BLCDT    -20030429ABG
29  KWBQ      SANTA FE NM      260.2  CP MOD BMPCDT    -20010323AAU
29  K51BQ     TRUTH OR CONSEQUENCE NM  18.3   APP    USERRECORD-01

Total scenarios =  1

Result key:  1
Scenario  1  Affected station  23
Before Analysis

Results for: 29A NM MAGDALENA      BNPDTL     20100513AEO  APP
HAAT  87.0 m, ATV ERP  0.8 kW
      POPULATION  AREA (sq km)
within Noise Limited Contour  4968  1078.3
not affected by terrain losses  4968  975.5
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: 29A NM MAGDALENA      BNPDTL     20100513AEO  APP
HAAT  87.0 m, ATV ERP  0.8 kW
      POPULATION  AREA (sq km)
within Noise Limited Contour  4968  1078.3
not affected by terrain losses  4968  975.5
lost to NTSC IX  0  0.0

```

Figure 2

```
lost to additional IX by ATV      3327      153.8
lost to ATV IX only               3327      153.8
lost to all IX                   3327      153.8

Potential Interfering Stations Included in above Scenario      1

29A NM TRUTH OR CONSEQUENCE USERRECORD01      APP

The following station failed the de minimis interference criteria.
29D NM TRUTH OR CONSEQUENCE USERRECORD01
ERP    0.20 kW HAAT  113.0 m RCAMSL 1535.0 m
Antenna CDB 00000000020751

Due to interference to the following station and scenario:      1
29D NM MAGDALENA      BNPDTL  20100513AEO
ERP    0.75 kW HAAT   87.0 m RCAMSL 1374.0 m
Antenna CDB 9999999999999999

Percent new interference from proposal:      66.9686 to BNPDTL  20100513AEO

Worst case new IX  66.9686% Scenario      1

Proposed station is MX
29A NM TRUTH OR CONSEQUENCE USERRECORD01      APP
29A NM MAGDALENA      BNPDTL  20100513AEO APP

Proposal MX with BNPDTL  20100513AEO scenario      1 of station  23

#####

Analysis of Interference to Affected Station  24

Analysis of current record
Channel      Call      City/State      Application Ref. No.
  29      KWBQ      SANTA FE NM      BLCDT      -20030429ABG

Stations Potentially Affecting This Station

Chan  Call      City/State      Dist(km) Status  Application Ref. No.
  29  KUPT      HOBBS NM      414.7  LIC  BLCDT      -20081125ADR
  29  K51BQ      TRUTH OR CONSEQUENCE NM  242.1  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.
  29      KWBQ      SANTA FE NM      BMPCDT      -20010323AAU

Stations Potentially Affecting This Station

Chan  Call      City/State      Dist(km) Status  Application Ref. No.
  29  KUPT      HOBBS NM      414.8  LIC  BLCDT      -20081125ADR
  29  K51BQ      TRUTH OR CONSEQUENCE NM  242.2  APP  USERRECORD-01
Proposal causes no interference

#####

Analysis of Interference to Affected Station  26

Analysis of current record
Channel      Call      City/State      Application Ref. No.
  30      K30GM      CAPITAN/RUIDOSO NM  BDFCDT      -20090824ADM
```

Figure 2

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
29	KAPT-LP	ALAMOGORDO NM	64.6	LIC	BLTTL -19911205JF
30	KYNM-LP	ALBUQUERQUE NM	210.1	LIC	BLTTA -20050203ADT
30	KLCP-LP	LAS CRUCES NM	143.8	LIC	BLTTL -19990419JD
30	NEW	SOCORRO NM	116.6	APP	BNPDTL -20100513AER
30	KWWT	ODESSA TX	359.1	LIC	BLCDT -20090612AJT
31	K31GJ	ALAMOGORDO NM	64.6	LIC	BLTT -20020722ABJ
31	K31GJ	ALAMOGORDO NM	64.6	CP	BDFCDTT -20080804ABI
29	K51BQ	TRUTH OR CONSEQUENCE NM	142.6	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.
30	K30GM	CAPITAN/RUIDOSO NM	BLTT -20011002AAR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
27	KRPV-DT	ROSWELL NM	130.5	LIC	BLCDT -20090211ABQ
30	KYNM-LP	ALBUQUERQUE NM	210.1	LIC	BLTTA -20050203ADT
30	KLCP-LP	LAS CRUCES NM	143.8	LIC	BLTTL -19990419JD
30	KWWT	ODESSA TX	359.1	LIC	BLCDT -20090612AJT
29	K51BQ	TRUTH OR CONSEQUENCE NM	142.6	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 28

Analysis of current record

Channel	Call	City/State	Application Ref. No.
30	KLCP-LP	LAS CRUCES NM	BLTTL -19990419JD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
23	KRWG-TV	LAS CRUCES NM	13.8	CP	BPEDT -20080709AHL
23	KRWG-TV	LAS CRUCES NM	13.8	LIC	BLEDT -20071119AFE
30	KUAT-TV	TUCSON AZ	371.0	LIC	BLEDT -20040727ABR
30	KYNM-LP	ALBUQUERQUE NM	313.4	LIC	BLTTA -20050203ADT
30	K30GM	CAPITAN/RUIDOSO NM	143.8	CP	BDFCDTT -20090824ADM
30	K30GM	CAPITAN/RUIDOSO NM	143.8	LIC	BLTT -20011002AAR
31	K31DR	CABALLO NM	76.4	APP	BDFCDTT -20090824ACQ
29	K51BQ	TRUTH OR CONSEQUENCE NM	95.9	APP	USERRECORD-01

Proposal causes no interference

#####

Analysis of Interference to Affected Station 29

Analysis of current record

Channel	Call	City/State	Application Ref. No.
30	K30KU-D	SILVER CITY NM	BDCCDTT -20090825BKF

Stations Potentially Affecting This Station

Figure 2

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
30	NEW	BOWIE AZ	129.5	APP	BNPDTL -20100504AMQ
30	KUAT-TV	TUCSON AZ	236.6	LIC	BLEDT -20040727ABR
30	KYNM-LP	ALBUQUERQUE NM	310.5	LIC	BLTTA -20050203ADT
30	K30GM	CAPITAN/RUIDOSO NM	237.0	CP	BDFCDTT -20090824ADM
30	K30GM	CAPITAN/RUIDOSO NM	237.0	LIC	BLTT -20011002AAR
30	KLCP-LP	LAS CRUCES NM	146.7	LIC	BLTTL -19990419JD
31	K31DR	CABALLO NM	95.8	APP	BDFCDTT -20090824ACQ
31	K31HQ	LORDSBURG NM	33.9	LIC	BLTT -20060321ADZ
31	K31HQ	LORDSBURG NM	33.9	APP	BDFCDTT -20090824ACZ
29	K51BQ	TRUTH OR CONSEQUENCE NM	95.0	APP	USERRECORD-01

Proposal causes no interference

#####

Analysis of Interference to Affected Station 30

Analysis of current record

Channel	Call	City/State	Application Ref. No.
30	NEW	SOCORRO NM	BNPDTL -20100513AER

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
30	KYNM-LP	ALBUQUERQUE NM	148.5	LIC	BLTTA -20050203ADT
30	K30GM	CAPITAN/RUIDOSO NM	116.6	CP	BDFCDTT -20090824ADM
30	K30GM	CAPITAN/RUIDOSO NM	116.6	LIC	BLTT -20011002AAR
30	KLCP-LP	LAS CRUCES NM	169.1	LIC	BLTTL -19990419JD
30	K30KU-D	SILVER CITY NM	174.2	CP	BDCCDTT -20090825BKF
29	K51BQ	TRUTH OR CONSEQUENCE NM	94.2	APP	USERRECORD-01

Proposal causes no interference

#####

Analysis of Interference to Affected Station 31

Analysis of current record

Channel	Call	City/State	Application Ref. No.
31	K31GJ	ALAMOGORDO NM	BLTT -20020722ABJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
23	KRWG-TV	LAS CRUCES NM	96.6	CP	BPEDT -20080709AHL
23	KRWG-TV	LAS CRUCES NM	96.6	LIC	BLEDT -20071119AFE
31	K31DR	CABALLO NM	125.7	LIC	BLTT -20041021AEZ
31	K31DR	CABALLO NM	125.7	APP	BDFCDTT -20090824ACQ
39	KSCE	EL PASO TX	126.8	LIC	BLEDT -20101008AAQ
46	K46JU	TIMBERON NM	27.8	CP	BNPTTL -20000831EIH
29	K51BQ	TRUTH OR CONSEQUENCE NM	135.1	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 32

Analysis of current record

Channel	Call	City/State	Application Ref. No.
31	K31DR	CABALLO NM	BLTT -20041021AEZ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
23	KRWG-TV	LAS CRUCES NM	90.1	CP	BPEDT -20080709AHL
23	KRWG-TV	LAS CRUCES NM	90.1	LIC	BLEDT -20071119AFE

Figure 2

31	K31GJ	ALAMOGORDO NM	125.7	LIC	BLTT	-20020722ABJ
31	K31GJ	ALAMOGORDO NM	125.7	CP	BDFCDTT	-20080804ABI
31	K31KB-D	DEMING NM	93.5	LIC	BLDTT	-20090709AKL
31	K31HQ	LORDSBURG NM	120.2	LIC	BLTT	-20060321ADZ
31	K31HQ	LORDSBURG NM	120.2	APP	BDFCDTT	-20090824ACZ
31	K31FX	PIE TOWN & QUEMADO NM	159.2	LIC	BLTT	-20090414ACC
29	K51BQ	TRUTH OR CONSEQUENCE NM	20.3	APP	USERRECORD-01	

Proposal causes no interference

#####

Analysis of Interference to Affected Station 33

Analysis of current record

Channel	Call	City/State	Application Ref. No.
31	K31HQ	LORDSBURG NM	BLTT -20060321ADZ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
30	K30KU-D	SILVER CITY NM	33.9	CP	BDCDDTT -20090825BKF
31	K31DR	CABALLO NM	120.2	LIC	BLTT -20041021AEZ
31	K31DR	CABALLO NM	120.2	APP	BDFCDTT -20090824ACQ
31	K31KB-D	DEMING NM	87.9	LIC	BLDTT -20090709AKL
29	K51BQ	TRUTH OR CONSEQUENCE NM	123.4	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.
31	K31FX	PIE TOWN & QUEMADO NM	BLTT -20090414ACC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
31	K31DR	CABALLO NM	159.2	LIC	BLTT -20041021AEZ
31	NEW	PIE TOWN NM	0.0	APP	BNPDTT -20100730ADQ
31	K31JR-D	CARRIZO NM	135.1	APP	BSTA -20060718AHW
29	K51BQ	TRUTH OR CONSEQUENCE NM	139.0	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.
36	KKNJ-LP	ALAMOGORDO NM	BLTT -19890606IQ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
36	K36GD	CARLSBAD NM	166.1	LIC	BLTTL -20030822AGA
39	KSCE	EL PASO TX	126.8	LIC	BLEDTT -20101008AAQ
51	K51CN	CARRIZO NM	67.4	LIC	BLTT -19880726IE
51	KTFN	EL PASO TX	126.8	CP	BPCDT -20091022ABM
51	KTFN	EL PASO TX	126.8	LIC	BLCDT -20061127ACB
29	K51BQ	TRUTH OR CONSEQUENCE NM	135.0	APP	USERRECORD-01

Proposed station is beyond the site to

Figure 2

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nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 36

Analysis of current record
Channel    Call      City/State      Application Ref. No.
 36      K36GA      LORDSBURG NM      BLTT      -20040309ACY

Stations Potentially Affecting This Station

Chan  Call      City/State      Dist(km) Status Application Ref. No.
 36  KFTU-DT  DOUGLAS AZ      189.4  LIC      BLCDT      -20090616ABO
 36  KFTU-DT  DOUGLAS AZ      189.4  CP       BPCDT      -20080514AFZ
 29  K51BQ    TRUTH OR CONSEQUENCE NM  123.4  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.
 29      K51BQ    TRUTH OR CONSEQUENCE NM  USERRECORD-01

Stations Potentially Affecting This Station

Chan  Call      City/State      Dist(km) Status Application Ref. No.
 28  K28GJ-D  HATCH NM        54.2  LIC      BLDTT      -20100115ACL
 29  KAPT-LP  ALAMOGORDO NM   135.0  LIC      BLTTL      -19911205JF
 29  KUPT     HOBBS NM        393.5  LIC      BLCDT      -20081125ADR
 29  NEW     MAGDALENA NM    18.3  APP      BNPDTL     -20100513AEO
 29  KWBQ     SANTA FE NM     242.1  LIC      BLCDT      -20030429ABG
 29  KWBQ     SANTA FE NM     242.2  CP MOD  BMPCDT     -20010323AAU

Total scenarios = 6

Result key: 2
Scenario 1 Affected station 37
Before Analysis

Results for: 29A NM TRUTH OR CONSEQUENCE USERRECORD01 APP
HAAT 113.0 m, ATV ERP 0.2 kW
POPULATION AREA (sq km)
within Noise Limited Contour 10719 964.4
not affected by terrain losses 10719 912.6
lost to NTSC IX 0 0.0
lost to additional IX by ATV 88 51.8
lost to ATV IX only 88 51.8
lost to all IX 88 51.8

Potential Interfering Stations Included in above Scenario 1

29A NM SANTA FE BLCDT 20030429ABG LIC

Result key: 3
Scenario 2 Affected station 37
Before Analysis

Results for: 29A NM TRUTH OR CONSEQUENCE USERRECORD01 APP
HAAT 113.0 m, ATV ERP 0.2 kW
POPULATION AREA (sq km)
within Noise Limited Contour 10719 964.4
not affected by terrain losses 10719 912.6
lost to NTSC IX 0 0.0

```

Figure 2

lost to additional IX by ATV	88	49.8
lost to ATV IX only	88	49.8
lost to all IX	88	49.8

Potential Interfering Stations Included in above Scenario 2

29A NM SANTA FE BMPCDT 20010323AAU CP

Result key: 4

Scenario 3 Affected station 37

Before Analysis

Results for: 29A NM TRUTH OR CONSEQUENCE USERRECORD01 APP

HAAT 113.0 m, ATV ERP 0.2 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	10719	964.4
not affected by terrain losses	10719	912.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1857	310.8
lost to ATV IX only	1857	310.8
lost to all IX	1857	310.8

Potential Interfering Stations Included in above Scenario 3

29A NM MAGDALENA BNPDTL 20100513AEO APP

29A NM SANTA FE BLCDT 20030429ABG LIC

Result key: 5

Scenario 4 Affected station 37

Before Analysis

Results for: 29A NM TRUTH OR CONSEQUENCE USERRECORD01 APP

HAAT 113.0 m, ATV ERP 0.2 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	10719	964.4
not affected by terrain losses	10719	912.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1857	308.8
lost to ATV IX only	1857	308.8
lost to all IX	1857	308.8

Potential Interfering Stations Included in above Scenario 4

29A NM MAGDALENA BNPDTL 20100513AEO APP

29A NM SANTA FE BMPCDT 20010323AAU CP

Result key: 6

Scenario 5 Affected station 37

Before Analysis

Results for: 29A NM TRUTH OR CONSEQUENCE USERRECORD01 APP

HAAT 113.0 m, ATV ERP 0.2 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	10719	964.4
not affected by terrain losses	10719	912.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	88	51.8
lost to ATV IX only	88	51.8
lost to all IX	88	51.8

Potential Interfering Stations Included in above Scenario 5

29A NM SANTA FE BLCDT 20030429ABG LIC

Result key: 7

Scenario 6 Affected station 37

Before Analysis

Results for: 29A NM TRUTH OR CONSEQUENCE USERRECORD01 APP

HAAT 113.0 m, ATV ERP 0.2 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	10719	964.4
not affected by terrain losses	10719	912.6

Figure 2

lost to NTSC IX	0	0.0
lost to additional IX by ATV	88	49.8
lost to ATV IX only	88	49.8
lost to all IX	88	49.8

Potential Interfering Stations Included in above Scenario 6

29A NM SANTA FE BMPCDT 20010323AAU CP

Proposal fails scenario	3	received IX increased to	16.6%
Proposal fails scenario	4	received IX increased to	16.6%
Proposal is MX with BNPDTL	20100513AEO	in scenario	3
Proposal is MX with BNPDTL	20100513AEO	in scenario	4

#####

FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED