

TECHNICAL EXHIBIT
MINOR CHANGE APPLICATION - DIGITAL FLASH CUT
LOW-POWER TV STATION KAEP-LP (FACILITY ID 35325)
LAS CRUCES, NEW MEXICO
CH 42 0.35 KW

Technical Exhibit

The technical exhibit supports a minor change application for construction permit for a Low-Power TV station KAEP-LP on Channel 42 at Las Cruces, New Mexico to convert to digital modulation.

Summary of Proposed Facilities

Below is a tabulation of the proposed paired digital facility:

Channel:	42
Geographic Coordinates:	32° 16' 44" North Latitude 106° 54' 40" West Longitude
Antenna Structure Registration:	122742
Overall Tower Height:	18 meters
Ground Elevation:	1342 meters
Radiation Center:	1359 meters AMSL 17 meters (56 feet) AGL
Antenna Type:	Scala, 4DR-16S Narrow Beam 14.5 dB
Antenna Major Lobe Orientation:	80° True
Transmitter Power Output:	0.015 kilowatt (15 watts)
Transmission Line:	LDF6-50A (7/8" Foam - 100 feet)
Effective Radiated Power:	0.35 kilowatt (350 watts)

Figure 1 is a map indicating that the proposed City-Grade contour will encompass all of the city limits of Las Cruces (derived from 2000 U.S. Census information for New Mexico).

Domestic Allocation Considerations

A study has been conducted to assure that the proposal will not create prohibited interference with other 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, no prohibitive

interference is predicted to be caused to any other station as shown by the results provided in Figure 2.

Radiofrequency Electromagnetic Field Exposure

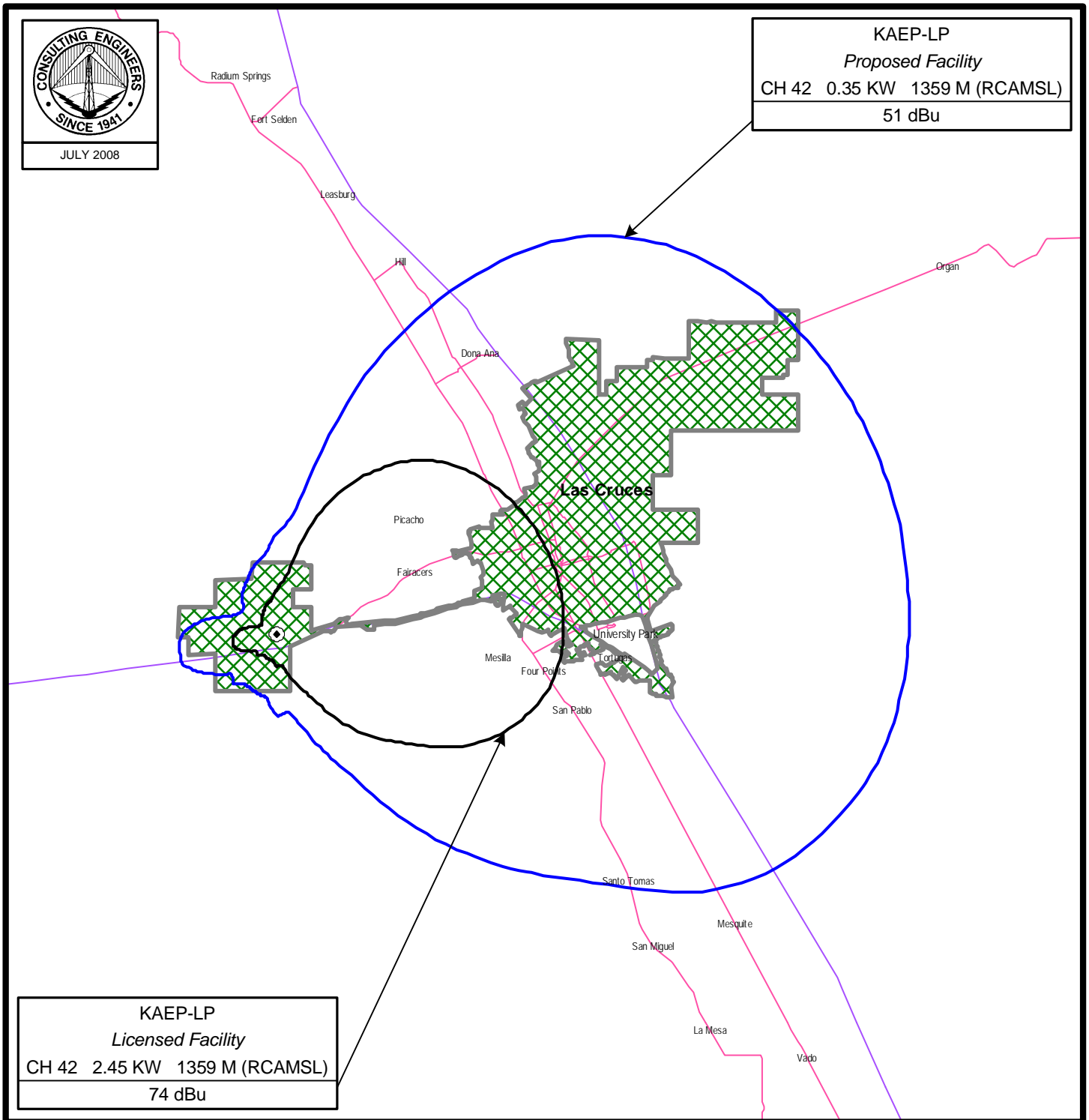
The proposed facilities were evaluated in terms of potential radio frequency (RF) energy exposure at ground level to workers and the general public. The radiation center for the antenna is located 17 meters above ground level. The proposed ERP of 0.35 kW is assumed. A conservative relative field value of 0.5 was assumed for the Scala antenna's downward radiation. The calculated power density at ground level is 0.013 mW/cm². This is less than 5% of the FCC's recommended limit of 0.43 mW/cm² for channel 42 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. Such measures include reducing the average exposure by spreading out the work over a longer period of time, wearing "accepted" RFR protective clothing and/or RFR exposure monitors or scheduling work when the stations are at reduced power or shut down.

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.

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July 29, 2008

Figure 1



PREDICTED COVERAGE CONTOURS

STATION KAEP-LP

LAS CRUCES, NEW MEXICO

CH 42 0.35 KW 1359 M (RCAMSL)

du Treil, Lundin & Rackley, Inc Sarasota, Florida

Figure 2
Sheet 1 of 24

TECHNICAL EXHIBIT
MINOR CHANGE APPLICATION
TV TRANSLATOR STATION KAEP-LP (FACILITY ID 35325)
LAS CRUCES, NEW MEXICO
CH 42 0.35 KW

OET-69 Interference Study

Census data selected: 1990
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 07-29-2008 Time: 14:13:59

Record Selected for Analysis

KAEP-LP USERRECORD-01 LAS CRUCES NM US
Channel 42 ERP 0.35 kW HAAT 76. m RCAMSL 01359 m STRINGENT MASK
Latitude 032-16-44 Longitude 0106-54-40
Status APP Zone 2 Border
Dir Antenna Make CDB Model 00000000020735 Beam tilt N Ref Azimuth 80.
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	0.005	33.0	4.6
45.0	0.194	147.0	24.2
90.0	0.336	160.6	27.9
135.0	0.068	90.0	14.2
180.0	0.000	76.8	3.6
225.0	0.000	40.9	2.9
270.0	0.004	33.0	4.3
315.0	0.000	33.0	2.2

Contour Overlap to Proposed Station

Station
KAEP-LP 42 LAS CRUCES NM BLTTL19950223IH
Station inside contour of Digital LPTV station
KAEP-LP 42 LAS CRUCES NM 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

Figure 2
Sheet 2 of 24

Proposed facility is beyond the Canadian coordination distance

Proposed facility is within the Mexican coordination distance
Distance to border = 55.1km

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Channel	Call	Proposed Station City/State	ARN
42	KAEP-LP	LAS CRUCES NM	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	NEW	ALAMOGORDO NM	116.8	APP	BNPTT	-20000830BDZ
27	K27HP	ALAMOGORDO NM	113.8	LIC	BLTT	-20030213AAV
27	K27BN	TRUTH OR CONSEQUENCE NM	102.6	LIC	BLTT	-198711061B
28	K28HB	ALAMOGORDO NM	115.1	LIC	BLTTL	-20010801ALG
28	K28GJ	HATCH NM	48.4	LIC	BLTT	-20021220ADU
28	K28GK	SILVER CITY NM	140.5	LIC	BLTT	-20021220ADV
34	K34CR	ALAMOGORDO, ETC. NM	113.7	LIC	BLTT	-198907031B
34	K34FU	ARREY & DERRY NM	82.3	LIC	BLTT	-20040325ACF
35	K35HB	DEMING NM	66.2	LIC	BLTT	-20040601AOQ
38	NEW	SILVER CITY NM	133.0	APP	BNPTT	-20000830BEP
38	KSCE	EL PASO TX	66.3	LIC	BLET	-20070814ABM
40	K40BP	ALAMOGORDO NM	113.8	LIC	BLTT	-198803161F
40	K40GH	TRUTH OR CONSEQUENCE NM	102.6	LIC	BLTT	-20040723ACM
40	K40FW	EL PASO TX	66.3	APP	BPTTL	-20050506AAY
40	K40FW	EL PASO TX	65.0	LIC	BLTTL	-20010220AAF
40	K40FW	EL PASO TX	66.3	APP	BMPTTL	-20041118AAA
40	K40FW	EL PASO TX	66.3	STA	BSTA	-20041117AEH
41	K41FM	DEMING NM	66.2	LIC	BLTT	-20030113ABZ
41	NEW	LAS CRUCES & ORGAN NM	0.1	APP	BDCCDTT	-20061030ABC
41	NEW	EL PASO TX	66.3	APP	BDCCDTL	-20061027AEC
42	KHRR	TUCSON AZ	395.2	LIC	BLCDT	-20060711ABJ
42	K42EY	ALAMOGORDO NM	113.8	APP	BDFCDTT	-20060331BOW
42	K42EY	ALAMOGORDO NM	113.8	LIC	BLTT	-20020116AAH
42	KLUZ-TV	ALBUQUERQUE NM	328.7	LIC	BLCDT	-20070823AAK
42	K42FX-D	HOBBS NM	352.6	LIC	BLDTT	-20060111AAS
42	K42HC	SILVER CITY NM	140.4	CP MOD	BMPDT	-20060216AFN
43	NEW	ALAMOGORDO NM	113.8	APP	BSFDTT	-20060630CQY
43	K43BT	CARRIZOZO-TULAROSA NM	154.2	LIC	BLTT	-198804281G
43	K43FU	DEMING NM	66.2	LIC	BLTT	-20020524AAC
45	K45HJ	CABALLO NM	82.0	LIC	BLTT	-20060421ABO
45	K45HJ	CABALLO NM	82.0	CP	BPTT	-20061027AEJ
45	K45HJ	CABALLO NM	82.0	APP	BSTA	-20060602ABB
45	K45EC	SILVER CITY NM	139.3	LIC	BLTT	-19950130JE
46	K46GU	DEMING NM	66.2	LIC	BLTT	-20050726ACW
46	K46JU	TIMBERON NM	122.5	CP	BNPTTL	-20000831EIH
49	K49FX	ALAMOGORDO NM	113.8	LIC	BLTT	-20030424AAG
49	K49CZ	CABALLO NM	82.3	LIC	BLTT	-199101231E
49	K49RD	TIMBERON NM	122.5	CP	BNPTTL	-20000831EIG
50	NEW	ALAMOGORDO NM	113.6	APP	BNPTTL	-20000802ADW
50	NEW	ALAMOGORDO NM	113.9	APP	BNPTTL	-20000829ARQ
50	NEW	ALAMOGORDO NM	113.9	APP	BNPTTL	-20000828ALN
50	NEW	ALAMOGORDO NM	113.9	APP	BNPTTL	-20000828AXZ
50	NEW	TRUTH OR CONSEQUENCE NM	117.3	APP	BNPTTL	-20000828AMA

Analysis of Interference to Affected Station 1

Channel	Call	City/State	Application	Ref. No.
27	NEW	ALAMOGORDO NM	BNPTT	-20000830BDZ

Figure 2
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Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
23	KRWG-DT	LAS CRUCES NM	123.1	PLN	DTVPLN -DTVPO534
23	KRWG-TV	LAS CRUCES NM	101.0	APP	BPEDT -20080709AHL
23	KRWG-TV	LAS CRUCES NM	101.0	LIC	BLEDT -20071119AFE
25	KINT-TV	EL PASO TX	137.3	CP	BPCDT -19991029AGI
25	KINT-DT	EL PASO TX	137.3	PLN	DTVPLN -DTVPO620
27	K27HP	ALAMOGORDO NM	13.9	APP	BDFCDTT -20080408AAQ
27	K27HP	ALAMOGORDO NM	13.9	LIC	BLTT -20030213AAV
27	KRPV	ROSWELL NM	154.5	LIC	BLCT -20040830AAF
27	KRPV	ROSWELL NM	154.5	APP	BPCDT -20080310ADL
27	KASA-TV	SANTA FE NM	256.4	APP	BPEDT -20080619AIC
27	KASA-DT	SANTA FE NM	256.6	PLN	DTVPLN -DTVPO679
27	KAMC	LUBBOCK TX	384.5	CP MOD	BMPEDT -20070125ABW
27	KAMC-DT	LUBBOCK TX	386.2	PLN	DTVPLN -DTVPO694
28	K28HB	ALAMOGORDO NM	14.7	LIC	BLTTL -20010801ALG
28	K28GJ	HATCH NM	108.0	CP	BDFCDTT -20060331BPA
28	K28JO-D	HOBBS NM	171.6	CP	BDCCDTL -20061004AAM
30	KCOS-DT	EL PASO TX	138.1	PLN	DTVPLN -DTVPO804
31	NEW	ROSWELL NM	114.6	LIC	BPRM -20020626ABF
42	K42EY	ALAMOGORDO NM	13.9	APP	BDFCDTT -20060331BOW
42	K42EY	ALAMOGORDO NM	14.0	LIC	BLTT -20020116AAH
42	KAEP-LP	LAS CRUCES NM	116.8	LIC	BLTTL -19950223IH
42	KAEP-LP	LAS CRUCES NM	116.8	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 2

Channel	Call	City/State	Application Ref. No.
27	K27HP	ALAMOGORDO NM	BLTT -20030213AAV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
23	KRWG-DT	LAS CRUCES NM	120.3	PLN	DTVPLN -DTVPO534
23	KRWG-TV	LAS CRUCES NM	96.6	APP	BPEDT -20080709AHL
23	KRWG-TV	LAS CRUCES NM	96.6	LIC	BLEDT -20071119AFE
25	KINT-TV	EL PASO TX	127.8	CP	BPCDT -19991029AGI
25	KINT-DT	EL PASO TX	127.8	PLN	DTVPLN -DTVPO620
26	KINT-TV	EL PASO TX	127.8	LIC	BLCT -19840517KF
27	NEW	ALAMOGORDO NM	13.9	APP	BNPTT -20000830BDZ
27	KRPV	ROSWELL NM	154.2	LIC	BLCT -20040830AAF
27	KRPV	ROSWELL NM	154.2	APP	BPCDT -20080310ADL
27	KASA-TV	SANTA FE NM	270.0	APP	BPCDT -20080619AIC
27	KASA-DT	SANTA FE NM	270.1	PLN	DTVPLN -DTVPO679
27	K27BN	TRUTH OR CONSEQUENCE NM	135.0	LIC	BLTT -19871106IB
27	KAMC	LUBBOCK TX	381.8	CP MOD	BMPEDT -20070125ABW
27	KAMC-DT	LUBBOCK TX	383.4	PLN	DTVPLN -DTVPO694
28	K28HB	ALAMOGORDO NM	1.6	LIC	BLTTL -20010801ALG
28	K28GJ	HATCH NM	111.0	CP	BDFCDTT -20060331BPA
28	K28JO-D	HOBBS NM	162.9	CP	BDCCDTL -20061004AAM
30	KCOS-DT	EL PASO TX	128.5	PLN	DTVPLN -DTVPO804
31	NEW	ROSWELL NM	115.3	LIC	BPRM -20020626ABF
42	K42EY	ALAMOGORDO NM	0.0	APP	BDFCDTT -20060331BOW
42	K42EY	ALAMOGORDO NM	0.1	LIC	BLTT -20020116AAH
42	KAEP-LP	LAS CRUCES NM	113.8	LIC	BLTTL -19950223IH
42	KAEP-LP	LAS CRUCES NM	113.8	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Figure 2
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Analysis of Interference to Affected Station 3

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-DT	LAS CRUCES NM	103.1	PLN	DTVPLN -DTVPO534
23	KRWG-TV	LAS CRUCES NM	109.7	APP	BPEDT -20080709AHL
23	KRWG-TV	LAS CRUCES NM	109.7	LIC	BLEDT -20071119AFE
27	K59CI	GLOBE/MIAMI AZ	334.0	CP	BDISDTT -20060320ADL
27	KUAS-TV	TUCSON AZ	363.2	LIC	BLET -20030103AAV
27	K27HP	ALAMOGORDO NM	135.0	APP	BDFCDTT -20080408AAQ
27	K27HP	ALAMOGORDO NM	135.0	LIC	BLTT -20030213AAV
27	K27GJ	FARMINGTON NM	401.2	CP	BDFCDTT -20070914AAC
27	KRPV	ROSWELL NM	271.7	LIC	BLCT -20040830AAF
27	KRPV	ROSWELL NM	271.7	APP	BPCDT -20080310ADL
27	KASA-TV	SANTA FE NM	242.2	APP	BPEDT -20080619AIC
27	KASA-DT	SANTA FE NM	242.4	PLN	DTVPLN -DTVPO679
28	K28GJ	HATCH NM	54.2	CP	BDFCDTT -20060331BPA
28	K28GK	SILVER CITY NM	94.5	APP	BDFCDTT -20060331BOK
42	K42EY	ALAMOGORDO NM	135.0	APP	BDFCDTT -20060331BOW
42	KAEP-LP	LAS CRUCES NM	102.6	LIC	BLTTL -19950223IH
42	KAEP-LP	LAS CRUCES NM	102.6	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

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
25	KINT-DT	EL PASO TX	128.4	PLN	DTVPLN -DTVPO620
27	K27HP	ALAMOGORDO NM	1.6	APP	BDFCDTT -20080408AAQ
27	NEW	ALAMOGORDO NM	14.7	APP	BNPTT -20000830BDZ
27	K27HP	ALAMOGORDO NM	1.6	LIC	BLTT -20030213AAV
28	K28JT-D	ALBUQUERQUE NM	262.6	CP	BDCCDTL -200601019ADS
28	K28GJ	HATCH NM	112.5	LIC	BLTT -20021220ADU
28	K28GJ	HATCH NM	112.5	CP	BDFCDTT -20060331BPA
28	K28JO-D	HOBBS NM	161.4	CP	BDCCDTL -20061004AAM
28	KRPV	ROSWELL NM	152.8	LIC	BLCT -20070716ADK
28	KRPV-DT	ROSWELL NM	137.8	PLN	DTVPLN -DTVPO718
28	K28BA	SAN JON NM	368.9	CP	BDFCDTT -20060403AIC
28	K28GK	SILVER CITY NM	221.4	LIC	BLTT -20021220ADU
28	K28GK	SILVER CITY NM	221.4	APP	BDFCDTT -20060331BOK
28	K28CE	SOCORRO NM	171.2	LIC	BLTTL -19910909J
28	K28HM	THOREAU NM	365.3	CP	BDFCDTT -20060331AEA
28	KAMC	LUBBOCK TX	381.9	LIC	BLCT -1848
28	NEW	MIDLAND TX	351.4	APP	BSFDTL -20060630BAO
28	NEW	MIDLAND TX	351.4	APP	BSFDTL -20060630BWJ
28	NEW	MIDLAND TX	369.9	APP	BSFDTL -20060630CQ
28	NEW	ODESSA TX	329.1	APP	BDCCDTL -20070403ACQ
29	KAPT-LP	ALAMOGORDO NM	1.5	LIC	BLTTL -19911205JF
29	K29FM-D	ARTESIA NM	134.7	LIC	BLDTT -20071205ADC
30	KCOS-DT	EL PASO TX	129.2	PLN	DTVPLN -DTVPO804
31	NEW	ROSWELL NM	113.9	LIC	BPRM -20020626ABF

Figure 2
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42	KAEP-LP	LAS CRUCES NM	115.1	LIC	BLTTL	-19950223IH
43	NEW	ALAMOGORDO NM	1.6	APP	BSFDTT	-20060630CQY
43	K43BT	CARRIZOZO-TULAROSA NM	67.6	LIC	BLTT	-19880428IG
43	NEW	ROSWELL NM	131.9	APP	BSFDTL	-20060630BBF
42	KAEP-LP	LAS CRUCES NM	115.1	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

Analysis of Interference to Affected Station 5

Channel	Call	City/State	Application Ref. No.
28	K28GJ	HATCH NM	BLTT -20021220ADU

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
25	KINT-TV	EL PASO TX	113.9	CP	BPCDT -19991029AGI
25	KINT-DT	EL PASO TX	113.9	PLN	DTVPLN -DTVPO620
27	K27HP	ALAMOGORDO NM	110.9	APP	BDFCDTT -20080408AAQ
28	KUAS-DT	TUCSON AZ	373.6	PLN	DTVPLN -DTVPO701
28	K28HB	ALAMOGORDO NM	112.5	LIC	BLTTL -20010801ALG
28	K28JT-D	ALBUQUERQUE NM	265.1	CP	BDCDDTL -20061019ADS
28	K28JO-D	HOBBS NM	269.4	CP	BDCDDTL -20061004AAM
28	KRPV	ROSWELL NM	262.2	LIC	BLCDT -20070716ADK
28	KRPV-DT	ROSWELL NM	246.0	PLN	DTVPLN -DTVPO718
28	K28GK	SILVER CITY NM	111.6	LIC	BLTT -20021220ADV
28	K28GK	SILVER CITY NM	111.7	APP	BDFCDTT -20060331BOK
28	K28CE	SOCORRO NM	153.3	LIC	BLTTL -19910909JJ
28	K28HM	THOREAU NM	326.5	CP	BDFCDTT -20060331AEA
28	K29DP	LORDSBURG NM	161.1	APP	BDFCDTT -20060331ABI
30	KCOS-DT	EL PASO TX	114.9	PLN	DTVPLN -DTVPO804
42	KAEP-LP	LAS CRUCES NM	48.4	LIC	BLTTL -19950223IH
43	NEW	ALAMOGORDO NM	110.9	APP	BSFDTT -20060630CQY
42	KAEP-LP	LAS CRUCES NM	48.4	APP	USERRECORD-01

Proposal causes no interference

Analysis of Interference to Affected Station 6

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-DT	TUCSON AZ	268.9	PLN	DTVPLN -DTVPO701
28	K28HB	ALAMOGORDO NM	221.4	LIC	BLTTL -20010801ALG
28	K28JT-D	ALBUQUERQUE NM	279.6	CP	BDCDDTL -20061019ADS
28	K28GJ	HATCH NM	111.6	LIC	BLTT -20021220ADU
28	K28GJ	HATCH NM	111.6	CP	BDFCDTT -20060331BPA
28	K28JO-D	HOBBS NM	380.7	CP	BDCDDTL -20061004AAM
28	KRPV	ROSWELL NM	364.6	LIC	BLCDT -20070716ADK
28	KRPV-DT	ROSWELL NM	347.4	PLN	DTVPLN -DTVPO718
28	K28CE	SOCORRO NM	179.1	LIC	BLTTL -19910909JJ
28	K28HM	THOREAU NM	289.3	CP	BDFCDTT -20060331AEA
29	K29DP	LORDSBURG NM	74.9	APP	BDFCDTT -20060331ABI
42	KAEP-LP	LAS CRUCES NM	140.5	LIC	BLTTL -19950223IH
42	KAEP-LP	LAS CRUCES NM	140.5	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

Figure 2
Sheet 6 of 24

Analysis of Interference to Affected Station 7

Channel	Call	City/State	Application Ref. No.
34	K34CR	ALAMOGORDO, ETC. NM	BLTT -19890703IB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
30	KCOS-DT	EL PASO TX	128.5	PLN	DTVPLN -DTVPO804
31	NEW	ROSWELL NM	115.3	LIC	BPRM -20020626ABF
34	K34FU	ARREY & DERRY NM	125.6	APP	BDFCDTT -20060323AAC
34	K34FU	ARREY & DERRY NM	125.6	LIC	BLTT -20040325ACF
34	NEW	CARLSBAD NM	157.0	APP	BNPTTL -20000829ARN
34	K34HF-D	CUBA NM	364.6	LIC	BLDTT -20060718ABG
34	K34EZ	FOREST/MCALISTER NM	299.0	CP	BDFCDTT -20060329ANH
34	NEW	ROSWELL NM	133.3	APP	BNPTTL -20000828AFK
34	K34GL	SANTA ROSA NM	261.2	CP	BDFCDTT -20070914AAD
34	KJTV-TV	LUBBOCK TX	373.3	APP	BPCT -20000511ABE
34	KJTV-TV	LUBBOCK TX	381.0	LIC	BLCT -19820121KG
35	K35HB	DEMING NM	176.0	APP	BDFCDTT -20060323AAT
35	K35GU	RUIDOSO NM	64.6	CP	BDFCDTT -20060301ABH
42	KAEP-LP	LAS CRUCES NM	113.7	LIC	BLTTL -19950223IH
48	KTDO	LAS CRUCES NM	102.8	LIC	BLCT -19900625KE
48	KTDO	LAS CRUCES NM	101.7	APP	BSTA -20030703ACP
49	K49FX	ALAMOGORDO NM	0.1	LIC	BLTT -20030424AAJ
49	K49FX	ALAMOGORDO NM	0.1	CP	BDFCDTT -20060323AAJ
49	NEW	RUIDOSO NM	64.6	APP	BNPTT -20000829ATP
49	K49EW	RUIDOSO NM	64.6	LIC	BLTT -20000726AAU
49	K49RD	TIMBERON NM	27.9	CP	BNPTTL -20000831EIG
42	KAEP-LP	LAS CRUCES NM	113.7	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

Analysis of Interference to Affected Station 8

Channel	Call	City/State	Application Ref. No.
34	K34FU	ARREY & DERRY NM	BLTT -20040325ACF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
33	K33IT	TRUTH OR CONSEQUENCE NM	35.4	CP	BNPTTL -20000828AEQ
34	K34CR	ALAMOGORDO, ETC. NM	125.6	LIC	BLTT -19890703IB
34	K34HF-D	CUBA NM	339.9	LIC	BLDTT -20060718ABG
34	K34EZ	FOREST/MCALISTER NM	383.3	CP	BDFCDTT -20060329ANH
34	K34GL	SANTA ROSA NM	321.8	CP	BDFCDTT -20070914AAD
35	K35HB	DEMING NM	93.6	APP	BDFCDTT -20060323AAT
35	K35GU	RUIDOSO NM	142.4	CP	BDFCDTT -20060301ABH
42	KAEP-LP	LAS CRUCES NM	82.3	LIC	BLTTL -19950223IH
48	KTDO	LAS CRUCES NM	125.6	LIC	BLCT -19900625KE
48	KTDO	LAS CRUCES NM	84.9	APP	BSTA -20030703ACP
49	K49FX	ALAMOGORDO NM	125.7	CP	BDFCDTT -20060323AAJ
49	K49CZ	CABALLO NM	0.1	LIC	BLTT -19910123IE
49	K49GV-D	DEMING NM	93.6	LIC	BLDTT -20071119AHK
42	KAEP-LP	LAS CRUCES NM	82.3	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

Figure 2
Sheet 7 of 24

Analysis of Interference to Affected Station 9

Analysis of current record
Channel Call City/State Application Ref. No.
35 K35HB DEMING NM BLTT -20040601AOQ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
34	K34FU	ARREY & DERRY NM	93.6	APP	BDFCDTT -20060323AAC
35	KGUN-DT	TUCSON AZ	293.0	PLN	DTVPLN -DTVP0963
35	KGUN	TUCSON AZ	293.0	LIC	BLCDT -20050802AAW
35	KNME-TV	ALBUQUERQUE NM	352.2	LIC	BLEDT -20030218BNH
35	KNME-DR	ALBUQUERQUE NM	352.1	LIC	BPRM -20001208ADU
35	K35GU	RUIDOSO NM	217.2	CP	BDFCDTT -20060301ABH
36	KKNJ-LP	ALAMOGORDO NM	176.0	APP	BDFCDTT -20060331AJK
39	KSCE	EL PASO TX	114.5	APP	BPEDT -20080620AAC
39	KSCE-DT	EL PASO TX	113.7	PLN	DTVPLN -DTVP1106
39	KSCE	EL PASO TX	114.5	CP MOD	BMPEDT -20060629AAR
42	KAEP-LP	LAS CRUCES NM	66.2	LIC	BLTTL -19950223IH
42	KAEP-LP	LAS CRUCES NM	66.2	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 NEW SILVER CITY NM BNPTT -20000830BEP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
38	K38KW-D	ALAMOGORDO NM	216.1	CP	BDCCDTT -20061030AIC
38	K35GY	CUBA NM	380.2	CP	BDISDTT -20060811ABW
38	K38HR	SANTA ROSA NM	404.7	CP	BDFCDTT -20060323AAR
38	KSCE	EL PASO TX	194.3	LIC	BLET -20070814ABM
42	KAEP-LP	LAS CRUCES NM	133.0	LIC	BLTTL -19950223IH
42	KAEP-LP	LAS CRUCES NM	133.0	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

Analysis of Interference to Affected Station 11

NTSC Baseline Analysis
Channel Call City/State Application Ref. No.
38 KSCE EL PASO TX DTVPLN -NPLN1552

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
30	KCOS-DT	EL PASO TX	3.2	PLN	DTVPLN -DTVP0804
38	KOBR-DT	ROSWELL NM	308.1	PLN	DTVPLN -DTVP1059
39	KSCE-DT	EL PASO TX	0.0	PLN	DTVPLN -DTVP1106

Results for: 38N TX EL PASO DTVPLN NPLN1552 PLN
POPULATION AREA (sq km)

Figure 2
Sheet 8 of 24

within Noise Limited Contour	628750	8692.6
not affected by terrain losses	628573	7976.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	5.9
lost to all IX	0	5.9

Analysis of current record
Channel Call City/State Application Ref. No.
38 KSCE EL PASO TX BLET -20070814ABM

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
30	KCOS-DT	EL PASO TX	2.0	PLN	DTVPLN -DTVP0804
38	KOBR-DT	ROSWELL NM	308.4	PLN	DTVPLN -DTVP1059
38	KPBT-TV	ODESSA TX	387.5	CP MOD	BMPEDT -20030212AAR
38	KOCV-TV	ODESSA TX	387.5	LIC	BPRM -20011221ABZ
39	KSCE	EL PASO TX	0.0	APP	BPEDT -20080620AAC
39	KSCE-DT	EL PASO TX	1.2	PLN	DTVPLN -DTVP1106
39	KSCE	EL PASO TX	0.0	CP MOD	BMPEDT -20060629AAR
42	KAEP-LP	LAS CRUCES NM	66.3	APP	USERRECORD-01

Proposal causes no interference

Analysis of Interference to Affected Station 12

Analysis of current record
Channel Call City/State Application Ref. No.
40 K40BP ALAMOGORDO NM BLTT -19880316IF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
39	KSCE	EL PASO TX	126.9	APP	BPEDT -20080620AAC
39	KSCE-DT	EL PASO TX	126.1	PLN	DTVPLN -DTVP1106
39	KSCE	EL PASO TX	126.9	CP MOD	BMPEDT -20060629AAR
40	K40GC	DORA NM	250.8	CP	BDFCDTT -20060327AGD
40	K40GH	TRUTH OR CONSEQUENCE NM	135.0	CP	BDFCDTT -20060331BOF
40	K40GH	TRUTH OR CONSEQUENCE NM	135.0	LIC	BLTT -20040723ACM
40	K40FW	EL PASO TX	126.9	APP	BPTTL -20050506AAY
40	K40FW	EL PASO TX	126.1	LIC	BLTTL -20010220AAF
40	K40FW	EL PASO TX	126.9	APP	BMPPTL -20041118AAA
40	K40FW	EL PASO TX	126.9	STA	BSTA -20041117AEH
40	KLBK-DT	LUBBOCK TX	381.8	PLN	DTVPLN -DTVP1143
41	NEW	LAS CRUCES & ORGAN NM	113.7	APP	BDCCDTT -20061030ABC
41	NEW	EL PASO TX	126.9	APP	BDCCDTL -20061027AEC
42	KAEP-LP	LAS CRUCES NM	113.8	LIC	BLTTL -19950223IH
47	KTD0	LAS CRUCES NM	126.9	APP	BMPEDT -20080612AAP
47	KZIA-DT	LAS CRUCES NM	102.8	PLN	DTVPLN -DTVP1366
42	KAEP-LP	LAS CRUCES NM	113.8	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

Analysis of Interference to Affected Station 13

Analysis of current record
Channel Call City/State Application Ref. No.
40 K40GH TRUTH OR CONSEQUENCE NM BLTT -20040723ACM

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
40	KHRR	TUCSON AZ	371.9	LIC	BMLCT -20000927ABJ

Figure 2
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40	KHRR	TUCSON AZ	371.9	CP	BPCDT	-20080317AFA
40	K40BP	ALAMOGORDO NM	135.0	LIC	BLTT	-198803161F
40	K40GC	DORA NM	359.6	CP	BDFCDTT	-20060327AGD
40	K40FI-D	FARMINGTON, ETC. NM	366.9	LIC	BLDTT	-20060825ADL
41	NEW	LAS CRUCES & ORGAN NM	102.7	APP	BDCCDTT	-20061030ABC
41	NEW	EL PASO TX	167.0	APP	BDCCDTL	-20061027AEC
42	KAEP-LP	LAS CRUCES NM	102.6	LIC	BLTTL	-19950223IH
47	KZIA-DT	LAS CRUCES NM	145.0	PLN	DTVPLN	-DTVPl366
42	KAEP-LP	LAS CRUCES NM	102.6	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.			
40	K40FW	EL PASO TX	BPTTL	-20050506AAY		

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.	
39	KSCE	EL PASO TX	0.0	APP	BPEDT	-20080620AAC
39	KSCE-DT	EL PASO TX	1.2	PLN	DTVPLN	-DTVPl106
39	KSCE	EL PASO TX	0.0	CP MOD	BMPEDT	-20060629AAR
40	K40BP	ALAMOGORDO NM	126.9	LIC	BLTT	-198803161F
40	K40GC	DORA NM	362.5	CP	BDFCDTT	-20060327AGD
40	K40GH	TRUTH OR CONSEQUENCE NM	167.0	CP	BDFCDTT	-20060331BOF
41	NEW	LAS CRUCES & ORGAN NM	66.2	APP	BDCCDTT	-20061030ABC
41	NEW	EL PASO TX	0.0	APP	BDCCDTL	-20061027AEC
42	KAEP-LP	LAS CRUCES NM	66.3	LIC	BLTTL	-19950223IH
47	KTDO	LAS CRUCES NM	0.0	APP	BMPCDT	-20080612AAP
47	KZIA-DT	LAS CRUCES NM	26.4	PLN	DTVPLN	-DTVPl366
42	KAEP-LP	LAS CRUCES NM	66.3	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 15

Analysis of current record						
Channel	Call	City/State	Application Ref. No.			
40	K40FW	EL PASO TX	BLTTL	-20010220AAF		

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.	
39	KSCE	EL PASO TX	1.3	APP	BPEDT	-20080620AAC
39	KSCE-DT	EL PASO TX	0.1	PLN	DTVPLN	-DTVPl106
39	KSCE	EL PASO TX	1.3	CP MOD	BMPEDT	-20060629AAR
40	K40BP	ALAMOGORDO NM	126.1	LIC	BLTT	-198803161F
40	K40GC	DORA NM	362.1	CP	BDFCDTT	-20060327AGD
40	K40GH	TRUTH OR CONSEQUENCE NM	165.7	CP	BDFCDTT	-20060331BOF
41	NEW	LAS CRUCES & ORGAN NM	64.9	APP	BDCCDTT	-20061030ABC
41	NEW	EL PASO TX	1.3	APP	BDCCDTL	-20061027AEC
42	KAEP-LP	LAS CRUCES NM	65.0	LIC	BLTTL	-19950223IH
47	KTDO	LAS CRUCES NM	1.3	APP	BMPCDT	-20080612AAP
47	KZIA-DT	LAS CRUCES NM	25.2	PLN	DTVPLN	-DTVPl366
42	KAEP-LP	LAS CRUCES NM	65.0	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 16

Figure 2
Sheet 10 of 24

Analysis of current record						
Channel	Call	City/State	Application Ref. No.			
40	K40FW	EL PASO TX	BMPTTL	-20041118AAA		

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.	
39	KSCE	EL PASO TX	0.0	APP	BPEDT	-20080620AAC
39	KSCE-DT	EL PASO TX	1.2	PLN	DTVPLN	-DTVPl106
39	KSCE	EL PASO TX	0.0	CP MOD	BMPEDT	-20060629AAR
40	K40BP	ALAMOGORDO NM	126.9	LIC	BLTT	-198803161F
40	K40GC	DORA NM	362.5	CP	BDFCDTT	-20060327AGD
40	K40GH	TRUTH OR CONSEQUENCE NM	167.0	CP	BDFCDTT	-20060331BOF
41	NEW	LAS CRUCES & ORGAN NM	66.2	APP	BDCCDTT	-20061030ABC
41	NEW	EL PASO TX	0.0	APP	BDCCDTL	-20061027AEC
42	KAEP-LP	LAS CRUCES NM	66.3	LIC	BLTTL	-19950223IH
47	KTDO	LAS CRUCES NM	0.0	APP	BMPCDT	-20080612AAP
47	KZIA-DT	LAS CRUCES NM	26.4	PLN	DTVPLN	-DTVPl366
42	KAEP-LP	LAS CRUCES NM	66.3	APP	USERRECORD-01	

Proposal causes no interference

#####

Analysis of Interference to Affected Station 17

Analysis of current record						
Channel	Call	City/State	Application Ref. No.			
40	K40FW	EL PASO TX	BSTA	-20041117AEH		

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.	
39	KSCE	EL PASO TX	0.0	APP	BPEDT	-20080620AAC
39	KSCE-DT	EL PASO TX	1.2	PLN	DTVPLN	-DTVPl106
39	KSCE	EL PASO TX	0.0	CP MOD	BMPEDT	-20060629AAR
40	K40BP	ALAMOGORDO NM	126.9	LIC	BLTT	-198803161F
40	K40GC	DORA NM	362.5	CP	BDFCDTT	-20060327AGD
40	K40GH	TRUTH OR CONSEQUENCE NM	167.0	CP	BDFCDTT	-20060331BOF
41	NEW	LAS CRUCES & ORGAN NM	66.2	APP	BDCCDTT	-20061030ABC
41	NEW	EL PASO TX	0.0	APP	BDCCDTL	-20061027AEC
42	KAEP-LP	LAS CRUCES NM	66.3	LIC	BLTTL	-19950223IH
47	KTDO	LAS CRUCES NM	0.0	APP	BMPCDT	-20080612AAP
47	KZIA-DT	LAS CRUCES NM	26.4	PLN	DTVPLN	-DTVPl366
42	KAEP-LP	LAS CRUCES NM	66.3	APP	USERRECORD-01	

Proposal causes no interference

#####

Analysis of Interference to Affected Station 18

Analysis of current record						
Channel	Call	City/State	Application Ref. No.			
41	K41FM	DEMING NM	BLTT	-20030113ABZ		

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.	
39	KSCE	EL PASO TX	114.5	APP	BPEDT	-20080620AAC
39	KSCE-DT	EL PASO TX	113.7	PLN	DTVPLN	-DTVPl106
39	KSCE	EL PASO TX	114.5	CP MOD	BMPEDT	-20060629AAR
40	K40GH	TRUTH OR CONSEQUENCE NM	110.1	CP	BDFCDTT	-20060331BOF
41	K41CV	DUNCAN, ETC. AZ	177.4	LIC	BLTTL	-19900411IF
41	NEW	ORO VALLEY/TUCSON AZ	320.8	APP	BSFDTT	-20060630CWO
41	NEW	TUCSON AZ	329.9	APP	BDCCDTL	-20070418ABC
41	KLUZ-TV	ALBUQUERQUE NM	352.0	LIC	BLCT	-19980714KE

Figure 2
Sheet 11 of 24

```
41 NEW LAS CRUCES & ORGAN NM 66.3 APP BDCCDTT -20061030ABC
41 KBIM-DT ROSWELL NM 367.3 PLN DTVPLN -DTVPL167
41 NEW EL PASO TX 114.5 APP BDCCDTL -20061027AEC
42 K42EY ALAMOGORDO NM 176.0 APP BDFCDTT -20060331BOW
42 KAEP-LP LAS CRUCES NM 66.2 LIC BLTTL -19950223IH
42 KAEP-LP LAS CRUCES NM 66.2 APP USERRECORD-01
Proposal causes no interference
```

#####

Analysis of Interference to Affected Station 19

```
Analysis of current record
Channel Call City/State Application Ref. No.
41 NEW LAS CRUCES & ORGAN NM BDCCDTT -20061030ABC
```

Stations Potentially Affecting This Station

```
Chan Call City/State Dist(km) Status Application Ref. No.
40 K40GH TRUTH OR CONSEQUENCE NM 102.7 CP BDFCDTT -20060331BOF
41 NEW ORO VALLEY/TUCSON AZ 386.0 APP BSFDTT -20060630CWO
41 NEW TUCSON AZ 395.3 APP BDCCDTL -20070418ABC
41 KLUZ-TV ALBUQUERQUE NM 328.8 LIC BLCT -19980714KE
41 K41FM DEMING NM 66.3 LIC BLTT -20030113ABZ
41 KBIM-DT ROSWELL NM 301.8 PLN DTVPLN -DTVPL167
41 NEW EL PASO TX 66.2 APP BDCCDTL -20061027AEC
42 K42EY ALAMOGORDO NM 113.7 APP BDFCDTT -20060331BOW
42 KAEP-LP LAS CRUCES NM 0.1 LIC BLTTL -19950223IH
42 KAEP-LP LAS CRUCES NM 0.1 APP USERRECORD-01
```

Total scenarios = 2

```
Result key: 1
Scenario 1 Affected station 19 NEW
Before Analysis
```

```
Results for: 41A NM LAS CRUCES & ORGAN BDCCDTT 20061030ABC APP
HAAT 1.0 m, ATV ERP 0.2 kW
POPULATION AREA (sq km)
within Noise Limited Contour 72162 253.7
not affected by terrain losses 72162 253.7
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: 41A NM LAS CRUCES & ORGAN BDCCDTT 20061030ABC APP
HAAT 1.0 m, ATV ERP 0.2 kW
POPULATION AREA (sq km)
within Noise Limited Contour 72162 253.7
not affected by terrain losses 72162 253.7
lost to NTSC IX 0 0.0
lost to additional IX by ATV 917 37.2
lost to ATV IX only 917 37.2
lost to all IX 917 37.2
```

Potential Interfering Stations Included in above Scenario 1

```
42A NM LAS CRUCES USERRECORD01 APP
```

```
Result key: 2
Scenario 2 Affected station 19 NEW
Before Analysis
```

Figure 2
Sheet 12 of 24

```
Results for: 41A NM LAS CRUCES & ORGAN BDCCDTT 20061030ABC APP
HAAT 1.0 m, ATV ERP 0.2 kW
POPULATION AREA (sq km)
within Noise Limited Contour 72162 253.7
not affected by terrain losses 72162 253.7
lost to NTSC IX 0 0.0
lost to additional IX by ATV 910 27.4
lost to ATV IX only 910 27.4
lost to all IX 910 27.4
```

Potential Interfering Stations Included in above Scenario 2

```
41A TX EL PASO BDCCDTL 20061027AEC APP
```

After Analysis

```
Results for: 41A NM LAS CRUCES & ORGAN BDCCDTT 20061030ABC APP
HAAT 1.0 m, ATV ERP 0.2 kW
POPULATION AREA (sq km)
within Noise Limited Contour 72162 253.7
not affected by terrain losses 72162 253.7
lost to NTSC IX 0 0.0
lost to additional IX by ATV 1822 48.0
lost to ATV IX only 1822 48.0
lost to all IX 1822 48.0
```

Potential Interfering Stations Included in above Scenario 2

```
41A TX EL PASO BDCCDTL 20061027AEC APP
42A NM LAS CRUCES USERRECORD01 APP
```

#####

Analysis of Interference to Affected Station 20

```
Analysis of current record
Channel Call City/State Application Ref. No.
41 NEW EL PASO TX BDCCDTL -20061027AEC
```

Stations Potentially Affecting This Station

```
Chan Call City/State Dist(km) Status Application Ref. No.
40 K40GH TRUTH OR CONSEQUENCE NM 167.0 CP BDFCDTT -20060331BOF
40 K40FW EL PASO TX 0.0 APP BPTTL -20050506AAY
40 K40FW EL PASO TX 1.3 LIC BLTTL -20010220AAF
40 K40FW EL PASO TX 0.0 APP BMPTTL -20041118AAA
40 K40FW EL PASO TX 0.0 STA BSTA -20041117AEH
41 KLUZ-TV ALBUQUERQUE NM 378.6 LIC BLCT -19980714KE
41 K41FM DEMING NM 114.5 LIC BLTT -20030113ABZ
41 NEW LAS CRUCES & ORGAN NM 66.2 APP BDCCDTT -20061030ABC
41 KBIM-DT ROSWELL NM 285.9 PLN DTVPLN -DTVPL167
42 K42EY ALAMOGORDO NM 126.9 APP BDFCDTT -20060331BOW
42 KAEP-LP LAS CRUCES NM 66.3 LIC BLTTL -19950223IH
42 KAEP-LP LAS CRUCES NM 66.3 APP USERRECORD-01
Proposal causes no interference
```

#####

Analysis of Interference to Affected Station 21

```
DTV Baseline Analysis
Channel Call City/State Application Ref. No.
42 KHRR-DT TUCSON AZ DTVPLN -DTVPL182
```

Stations Potentially Affecting This Station

Figure 2
Sheet 13 of 24

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
43	NEW	COOLIDGE AZ	98.8	PLN	DTVPLN -NPLN1634

Results for: 42A AZ TUCSON DTVPLN DTVP1182 PLN

HAAT	619.0 m, ATV ERP	50.0 kW
	POPULATION	AREA (sq km)
within Noise Limited Contour	691542	21669.6
not affected by terrain losses	671980	15387.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	0	0.0

NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
40	KHRR	TUCSON AZ	DTVPLN -NPLN1577

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
32	KOLD-DT	TUCSON AZ	0.0	PLN	DTVPLN -DTVPO853
33	KTVWTV	PHOENIX AZ	149.5	PLN	DTVPLN -NPLN1442
39	NEW	PHOENIX AZ	149.5	PLN	DTVPLN -NPLN1557
42	KHRR-DT	TUCSON AZ	0.0	PLN	DTVPLN -DTVPI182
43	NEW	COOLIDGE AZ	98.8	PLN	DTVPLN -NPLN1634
44	KWBA-DT	SIERRA VISTA AZ	62.0	PLN	DTVPLN -DTVPI253
47	KXGR-DT	GREEN VALLEY AZ	41.9	PLN	DTVPLN -DTVPI351

Results for: 40N AZ TUCSON DTVPLN NPLN1577 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	691542	21669.6
not affected by terrain losses	671284	14609.6
lost to NTSC IX	622	572.1
lost to additional IX by ATV	5	38.2
lost to all IX	627	610.3

Analysis of current record

Channel	Call	City/State	Application Ref. No.
42	KHRR	TUCSON AZ	BLCDT -20060711ABJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
43	960710LC	COOLIDGE AZ	98.6	APP	BPET -19960710LC
42	KAEP-LP	LAS CRUCES NM	395.2	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 22

Analysis of current record

Channel	Call	City/State	Application Ref. No.
42	K4ZEY	ALAMOGORDO NM	BDFCDTT -20060331BOW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
41	NEW	LAS CRUCES & ORGAN NM	113.7	APP	BDFCDTT -20061030ABC
41	NEW	EL PASO TX	126.9	APP	BDFCDTL -20061027AEC
42	KLUZ-TV	ALBUQUERQUE NM	269.7	LIC	BLCDT -20070823AAK
42	KLUZ-DT	ALBUQUERQUE NM	269.7	PLN	DTVPLN -DTVPI201
42	K42FX-D	HOBBS NM	252.0	LIC	BLDDT -20060111AAS
42	KAEP-LP	LAS CRUCES NM	113.8	LIC	BLTTL -19950223IH
42	KMLM	ODESSA TX	347.4	LIC	BLCT -20000112AAZ
42	KMLM	ODESSA TX	347.4	CP	BPCDT -20080310ADO
43	NEW	ALAMOGORDO NM	0.0	APP	BSFDDT -20060630CQY

Figure 2
Sheet 14 of 24

43	NEW	ROSWELL NM	133.3	APP	BSFDDL -20060630BBF
42	KAEP-LP	LAS CRUCES NM	113.8	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.
42	K4ZEY	ALAMOGORDO NM	BLTT -20020116AAH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
39	KSCE	EL PASO TX	126.9	APP	BPEDT -20080620AAC
39	KSCE-DT	EL PASO TX	126.1	PLN	DTVPLN -DTVPI106
39	KSCE	EL PASO TX	126.9	CP MOD	BMPEDT -20060629AAR
41	NEW	LAS CRUCES & ORGAN NM	113.8	APP	BDFCDT -20061030ABC
41	NEW	EL PASO TX	126.9	APP	BDFCDTL -20061027AEC
42	KLUZ-TV	ALBUQUERQUE NM	269.7	LIC	BLCDT -20070823AAK
42	KLUZ-DT	ALBUQUERQUE NM	269.7	PLN	DTVPLN -DTVPI201
42	K42FX-D	HOBBS NM	251.9	LIC	BLDDT -20060111AAS
42	KAEP-LP	LAS CRUCES NM	113.8	LIC	BLTTL -19950223IH
42	K42HC	SILVER CITY NM	219.8	CP MOD	BMPDT -20060216AFN
42	KMLM	ODESSA TX	347.4	LIC	BLCT -20000112AAZ
42	KMLM	ODESSA TX	347.4	CP	BPCDT -20080310ADO
43	NEW	ALAMOGORDO NM	0.1	APP	BSFDDT -20060630CQY
43	NEW	ROSWELL NM	133.2	APP	BSFDDL -20060630BBF
42	KAEP-LP	LAS CRUCES NM	113.8	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 24

DTV Baseline Analysis

Channel	Call	City/State	Application Ref. No.
42	KLUZ-DT	ALBUQUERQUE NM	DTVPLN -DTVPI201

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
41	KLUZTV	ALBUQUERQUE NM	0.0	PLN	DTVPLN -NPLN1607
42	KOAA-DT	PUEBLO CO	389.7	PLN	DTVPLN -DTVPI184

Results for: 42A NM ALBUQUERQUE DTVPLN DTVPI201 PLN

HAAT	1266.0 m, ATV ERP	50.0 kW
	POPULATION	AREA (sq km)
within Noise Limited Contour	734166	26493.4
not affected by terrain losses	724120	24190.2
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

NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
41	KLUZTV	ALBUQUERQUE NM	DTVPLN -NPLN1607

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
41	KBIM-DT	ROSWELL NM	340.4	PLN	DTVPLN -DTVPI167
41	DNCE	MONTICELLO UT	392.5	PLN	DTVPLN -NPLN1613
42	KLUZ-DT	ALBUQUERQUE NM	0.0	PLN	DTVPLN -DTVPI201

Figure 2
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Results for: 41N NM ALBUQUERQUE DTVPLN NPLN1607 PLN
POPULATION AREA (sq km)
within Noise Limited Contour 734166 26493.4
not affected by terrain losses 718067 23531.2
lost to NTSC IX 0 0.0
lost to additional IX by ATV 41 61.8
lost to all IX 41 61.8

Analysis of current record
Channel Call City/State Application Ref. No.
42 KLUZ-TV ALBUQUERQUE NM BLCDDT -20070823AAK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
41	KLUZ-TV	ALBUQUERQUE NM	0.0	LIC	DTVPLN -DTVP1167
42	KOAA-TV	PUEBLO CO	417.3	CP	BPCDDT -19980714KE
42	KOAA-TV	PUEBLO CO	389.7	PLN	DTVPLN -19991029AGS
42	KAEP-LP	LAS CRUCES NM	328.7	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.
42 K42FX-D HOBBS NM BLDTT -20060111AAS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
41	K42M-DT	ROSWELL NM	67.1	PLN	DTVPLN -DTVP1167
41	K64GV	LUBBOCK TX	150.6	APP	BDLSDDL -20080425AAS
42	K42EY	ALAMOGORDO NM	252.0	APP	BDFCDTT -20060331BOW
42	KAEP-LP	LAS CRUCES NM	352.6	LIC	BLTTL -19950223IH
42	K42IB-D	SAYRE OK	416.4	CP	BDCCDDT -20061030ADG
42	KMLM	ODESSA TX	115.2	LIC	BLCT -20000112AAZ
42	KMLM	ODESSA TX	115.2	CP	BPCDDT -20080310ADO
43	NEW	ROSWELL NM	150.8	APP	BSFDDL -20060630BBF
43	KMLM-DT	ODESSA TX	115.6	PLN	DTVPLN -DTVP1248
42	KAEP-LP	LAS CRUCES NM	352.6	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

Analysis of Interference to Affected Station 26

Analysis of current record
Channel Call City/State Application Ref. No.
42 K42HC SILVER CITY NM BMPTT -20060216AFN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
41	NEW	LAS CRUCES & ORGAN NM	140.6	APP	BDCCDDT -20061030ABC
41	NEW	EL PASO TX	202.6	APP	BDCCDDL -20061027AEC
42	KHRR-DT	TUCSON AZ	277.8	PLN	DTVPLN -DTVP1182
42	K42EY	ALAMOGORDO NM	219.8	APP	BDFCDTT -20060331BOW
42	K42EY	ALAMOGORDO NM	219.8	LIC	BLTT -20020116AAH
42	KLUZ-TV	ALBUQUERQUE NM	308.9	LIC	BLCDDT -20070823AAK
42	KLUZ-DT	ALBUQUERQUE NM	308.9	PLN	DTVPLN -DTVP1201
42	KAEP-LP	LAS CRUCES NM	140.4	LIC	BLTTL -19950223IH
42	KAEP-LP	LAS CRUCES NM	140.4	APP	USERRECORD-01

Proposal causes no interference

Figure 2
Sheet 16 of 24

Analysis of Interference to Affected Station 27

Analysis of current record
Channel Call City/State Application Ref. No.
43 NEW ALAMOGORDO NM BSFDDT -20060630CQY

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
42	K42EY	ALAMOGORDO NM	0.0	APP	BDFCDTT -20060331BOW
42	K42EY	ALAMOGORDO NM	0.1	LIC	BLTT -20020116AAH
42	KAEP-LP	LAS CRUCES NM	113.8	LIC	BLTTL -19950223IH
43	K43BT	CARRIZOZO-TULAROSA NM	67.3	LIC	BLTT -19880428IG
43	NEW	ROSWELL NM	133.3	APP	BSFDDL -20060630BBF
43	K43FI	LAS VEGAS NV	313.8	CP	BDFCDTT -20060323AAD
43	KCBD-DT	LUBBOCK TX	385.0	PLN	DTVPLN -DTVP1246
43	KMLM-DT	ODESSA TX	347.9	PLN	DTVPLN -DTVP1248
44	NEW	ALAMOGORDO NM	13.9	APP	BSFDDT -20060630CRJ
42	KAEP-LP	LAS CRUCES NM	113.8	APP	USERRECORD-01

Proposal causes no interference

Analysis of Interference to Affected Station 28

Analysis of current record
Channel Call City/State Application Ref. No.
43 K43BT CARRIZOZO-TULAROSA NM BLTT -19880428IG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
42	K42EY	ALAMOGORDO NM	67.3	APP	BDFCDTT -20060331BOW
42	KAEP-LP	LAS CRUCES NM	154.2	LIC	BLTTL -19950223IH
43	NEW	ALAMOGORDO NM	67.3	APP	BSFDDT -20060630CQY
43	K43HW	ALBUQUERQUE NM	196.1	LIC	BLTTL -20030303AAM
43	K43GW	RATON, ETC. NM	388.8	CP	BDFCDTT -20060323AAB
43	K43GW	RATON, ETC. NM	388.8	CP	BDFCDTT -20060331ABG
43	NEW	ROSWELL NM	126.6	APP	BSFDDL -20060630BBF
43	K43FI	LAS VEGAS NV	250.8	CP	BDFCDTT -20060323AAD
43	KCBD-DT	LUBBOCK TX	385.0	PLN	DTVPLN -DTVP1246
43	KMLM-DT	ODESSA TX	377.8	PLN	DTVPLN -DTVP1248
44	NEW	ALAMOGORDO NM	54.0	APP	BSFDDT -20060630CRJ
42	KAEP-LP	LAS CRUCES NM	154.2	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

Analysis of Interference to Affected Station 29

Analysis of current record
Channel Call City/State Application Ref. No.
43 K43FU DEMING NM BLTT -20020524AAC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
39	KSCE	EL PASO TX	114.5	APP	BPEDT -20080620AAC
39	KSCE-DT	EL PASO TX	113.7	PLN	DTVPLN -DTVP1106
39	KSCE	EL PASO TX	114.5	CP MOD	BMPEDT -20060629AAR

Figure 2
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42 K42EY ALAMOGORDO NM 176.0 APP BDFCDTT -20060331BOW
42 KAEP-LP LAS CRUCES NM 66.2 LIC BLTTL -19950223IH
43 960710LC COOLIDGE AZ 391.2 APP BPET -19960710LC
43 K43CN DUNCAN AZ 177.4 LIC BLTT -19891030JN
43 NEW ALAMOGORDO NM 176.0 APP BSFDDT -20060630CQY
43 K43BT CARRIZOZO-TULAROSA NM 204.3 LIC BLTT -19880428IG
43 NEW ROSWELL NM 309.0 APP BSFDTL -20060630BBF
44 NEW ALAMOGORDO NM 176.6 APP BSFDDT -20060630CRJ
47 KTD0 LAS CRUCES NM 114.6 APP BMPCDT -20080612AAP
47 KZIA-DT LAS CRUCES NM 109.3 PLN DTVPLN -DTVPL366
51 KTFN EL PASO TX 114.5 CP BPCDT -19991029AEX
51 KJLF-DT EL PASO TX 113.7 PLN DTVPLN -DTVPL495
42 KAEP-LP LAS CRUCES NM 66.2 APP USERRECORD-01
Proposal causes no interference

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Analysis of Interference to Affected Station 30

Analysis of current record
Channel Call City/State Application Ref. No.
45 K45HJ CABALLO NM BLTT -20060421ABO

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
42	KAEP-LP	LAS CRUCES NM	82.0	LIC	BLTTL -19950223IH
44	NEW	ALAMOGORDO NM	119.4	APP	BSFDDT -20060630CRJ
45	KASY-TV	ALBUQUERQUE NM	259.6	LIC	BLCDT -20030429ABF
45	KASY-DR	ALBUQUERQUE NM	259.6	LIC	BPRM -20010502ABL
45	K45BF	CLOVIS NM	405.8	CP	BDFCDTT -20060403AIA
45	K45IL	HOBBS NM	386.6	CP	BDFCDTT -20060825ABF
45	K45EC	SILVER CITY NM	95.4	APP	BDFCDTT -20060329AAG
45	K45EC	SILVER CITY NM	95.4	LIC	BLTT -19950130JE
46	K46GU	DEMING NM	93.1	APP	BDFCDTT -20060331BOV
46	K46HY-D	SOCORRO NM	125.1	LIC	BLDDT -20060901ABN
47	KZIA-DT	LAS CRUCES NM	125.4	PLN	DTVPLN -DTVPL366
42	KAEP-LP	LAS CRUCES NM	82.0	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 31

Analysis of current record
Channel Call City/State Application Ref. No.
45 K45HJ CABALLO NM BPTT -20061027AEJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
42	KAEP-LP	LAS CRUCES NM	82.0	LIC	BLTTL -19950223IH
44	NEW	ALAMOGORDO NM	119.4	APP	BSFDDT -20060630CRJ
45	KASY-TV	ALBUQUERQUE NM	259.6	LIC	BLCDT -20030429ABF
45	KASY-DR	ALBUQUERQUE NM	259.6	LIC	BPRM -20010502ABL
45	K45BF	CLOVIS NM	405.8	CP	BDFCDTT -20060403AIA
45	K45IL	HOBBS NM	386.6	CP	BDFCDTT -20060825ABF
45	K45EC	SILVER CITY NM	95.4	APP	BDFCDTT -20060329AAG
45	K45EC	SILVER CITY NM	95.4	LIC	BLTT -19950130JE
46	K46GU	DEMING NM	93.1	APP	BDFCDTT -20060331BOV
46	K46HY-D	SOCORRO NM	125.1	LIC	BLDDT -20060901ABN
47	KZIA-DT	LAS CRUCES NM	125.4	PLN	DTVPLN -DTVPL366
42	KAEP-LP	LAS CRUCES NM	82.0	APP	USERRECORD-01

Proposed station is beyond the site to

Figure 2
Sheet 18 of 24

nearest cell evaluation distance

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Analysis of Interference to Affected Station 32

Analysis of current record
Channel Call City/State Application Ref. No.
45 K45HJ CABALLO NM BSTA -20060602ABB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
42	KAEP-LP	LAS CRUCES NM	82.0	LIC	BLTTL -19950223IH
44	NEW	ALAMOGORDO NM	119.4	APP	BSFDDT -20060630CRJ
45	KASY-TV	ALBUQUERQUE NM	259.6	LIC	BLCDT -20030429ABF
45	KASY-DR	ALBUQUERQUE NM	259.6	LIC	BPRM -20010502ABL
45	K45BF	CLOVIS NM	405.8	CP	BDFCDTT -20060403AIA
45	K45IL	HOBBS NM	386.6	CP	BDFCDTT -20060825ABF
45	K45EC	SILVER CITY NM	95.4	APP	BDFCDTT -20060329AAG
45	K45EC	SILVER CITY NM	95.4	LIC	BLTT -19950130JE
46	K46GU	DEMING NM	93.1	APP	BDFCDTT -20060331BOV
46	K46HY-D	SOCORRO NM	125.1	LIC	BLDDT -20060901ABN
47	KZIA-DT	LAS CRUCES NM	125.4	PLN	DTVPLN -DTVPL366
42	KAEP-LP	LAS CRUCES NM	82.0	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 33

Analysis of current record
Channel Call City/State Application Ref. No.
45 K45EC SILVER CITY NM BLTT -19950130JE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
42	KAEP-LP	LAS CRUCES NM	139.3	LIC	BLTTL -19950223IH
45	KUTP	PHOENIX AZ	359.9	LIC	BLCT -19860102KF
45	KASY-TV	ALBUQUERQUE NM	310.6	LIC	BLCDT -20030429ABF
45	KASY-DR	ALBUQUERQUE NM	310.6	LIC	BPRM -20010502ABL
45	K45HJ	CABALLO NM	95.4	CP	BPTT -20061027AEJ
46	K46GU	DEMING NM	93.3	APP	BDFCDTT -20060331BOV
46	K46HY-D	SOCORRO NM	180.6	LIC	BLDDT -20060901ABN
42	KAEP-LP	LAS CRUCES NM	139.3	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 34

Analysis of current record
Channel Call City/State Application Ref. No.
46 K46GU DEMING NM BLTT -20050726ACW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
39	KSCE	EL PASO TX	114.5	APP	BPEDT -20080620AAC
39	KSCE-DT	EL PASO TX	113.7	PLN	DTVPLN -DTVPL106

Figure 2
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39	KSCE	EL PASO TX	114.5	CP MOD	BMPEDT	-20060629AAR
42	KAEP-LP	LAS CRUCES NM	66.2	LIC	BLTTL	-19950223IH
45	K45EC	SILVER CITY NM	93.3	APP	BDPCDTT	-20060329AAG
46	KUVE-TV	GREEN VALLEY AZ	293.0	CP	BPCDT	-20080425ABH
46	KUVE-TV	GREEN VALLEY AZ	293.0	LIC	BLCT	-20001221ABN
46	KUVE-TV	GREEN VALLEY AZ	293.0	APP	BMPCDT	-20080618ATO
46	K46FE	ARTESIA NM	325.7	APP	BDPCDTT	-20070824ADR
46	K46HY-D	SOCORRO NM	217.1	LIC	BLDTT	-20060901ABN
47	KTDO	LAS CRUCES NM	114.6	APP	BMPCDT	-20080612AAP
47	KZIA-DT	LAS CRUCES NM	109.3	PLN	DTVPLN	-DTVPl366
42	KAEP-LP	LAS CRUCES NM	66.2	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.
46 K46JU TIMBERON NM BNPTTL -20000831EIH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
39	KSCE	EL PASO TX	120.3	APP	BPEDT -20080620AAC
39	KSCE-DT	EL PASO TX	119.7	PLN	DTVPLN -DTVPl106
39	KSCE	EL PASO TX	120.3	CP MOD	BMPEDT -20060629AAR
42	KAEP-LP	LAS CRUCES NM	122.5	LIC	BLTTL -19950223IH
46	K46FE	ARTESIA NM	138.7	LIC	BLTT -20001024AAB
46	K46FE	ARTESIA NM	138.7	APP	BDPCDTT -20070824ADR
46	K46GU	DEMING NM	187.8	APP	BDPCDTT -20060331BOV
46	K46HY-D	SOCORRO NM	198.0	LIC	BLDTT -20060901ABN
46	KXTO-CA	LUBBOCK TX	367.2	APP	BDPCDTT -20080604ACE
47	K47FX	CARLSBAD NM	140.2	APP	BDPCDTT -20070824ADS
47	KTDO	LAS CRUCES NM	120.3	APP	BMPCDT -20080612AAP
47	KZIA-DT	LAS CRUCES NM	99.6	PLN	DTVPLN -DTVPl366
47	NEW	ROSWELL NM	128.6	APP	BDCCDTL -20061002BPK
42	KAEP-LP	LAS CRUCES NM	122.5	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

Analysis of Interference to Affected Station 36

Analysis of current record
Channel Call City/State Application Ref. No.
49 K49FX ALAMOGORDO NM BLTT -20030424AAG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
42	KAEP-LP	LAS CRUCES NM	113.8	LIC	BLTTL -19950223IH
47	KTDO	LAS CRUCES NM	126.9	APP	BMPCDT -20080612AAP
47	KZIA-DT	LAS CRUCES NM	102.9	PLN	DTVPLN -DTVPl366
48	K48GY	CARRIZOZO NM	115.7	CP	BDPCDTT -20060329AAE
48	KTDO	LAS CRUCES NM	102.9	LIC	BLCT -19900625KE
48	KTDO	LAS CRUCES NM	101.8	APP	BSTA -20030703ACP
49	K49CZ	CABALLO NM	125.8	LIC	BLTT -19910123IE
49	K49ES	CARLSBAD NM	156.7	APP	BMJPTT -20000829AOE
49	K49BY	CLOVIS NM	291.8	CP	BDPCDTT -20060331AUT
49	K49GV-D	DEMING NM	176.2	LIC	BLDTT -20071119AHK
49	K49KF-D	LOS ALAMOS/ESPANOLA NM	342.8	CP	BPDTT -20071019AXW
49	K49KF-D	LOS ALAMOS/ESPANOLA NM	342.8	LIC	BLDTT -20070523AAQ

Figure 2
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49	NEW	RUIDOSO NM	64.6	APP	BNPTT	-20000829ATP
49	K49EW	RUIDOSO NM	64.6	LIC	BLTT	-20000726AAU
49	K49KD	TIMBERON NM	27.9	CP	BNPTTL	-20000831EIG
50	NEW	ALAMOGORDO NM	0.3	APP	BNPTTL	-20000802ADW
50	NEW	ALAMOGORDO NM	0.0	APP	BNPTTL	-20000829ARQ
50	NEW	ALAMOGORDO NM	0.0	APP	BNPTTL	-20000828ALN
50	NEW	ALAMOGORDO NM	0.0	APP	BNPTTL	-20000828AXZ
50	K50IA	ROSWELL NM	130.6	CP	BDPCDTT	-20060331AJT
51	KTFN	EL PASO TX	126.9	CP	BPCDT	-19991029AEX
51	KJLF-DT	EL PASO TX	126.1	PLN	DTVPLN	-DTVPl495
42	KAEP-LP	LAS CRUCES NM	113.8	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.
49 K49CZ CABALLO NM BLTT -19910123IE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
42	KAEP-LP	LAS CRUCES NM	82.3	LIC	BLTTL -19950223IH
47	KZIA-DT	LAS CRUCES NM	125.6	PLN	DTVPLN -DTVPl366
48	K48GY	CARRIZOZO NM	131.2	CP	BDPCDTT -20060329AAE
48	KTDO	LAS CRUCES NM	125.6	LIC	BLCT -19900625KE
48	KTDO	LAS CRUCES NM	85.0	APP	BSTA -20030703ACP
49	K49CH	DUNCAN AZ	195.2	LIC	BLTT -19880929IE
49	NEW	TUCSON AZ	373.2	APP	BSFDTL -20060630AKH
49	NEW	TUCSON AZ	332.5	APP	BSFDTL -20060630BKF
49	K49FX	ALAMOGORDO NM	125.8	LIC	BLTT -20030424AAG
49	K49FX	ALAMOGORDO NM	125.8	CP	BDPCDTT -20060323AAJ
49	K49BY	CLOVIS NM	395.3	CP	BDPCDTT -20060331AUT
49	K49GV-D	DEMING NM	93.6	LIC	BLDTT -20071119AHK
49	K49KF-D	LOS ALAMOS/ESPANOLA NM	332.9	CP	BPDTT -20071019AXW
49	K49KF-D	LOS ALAMOS/ESPANOLA NM	332.9	LIC	BLDTT -20070523AAQ
49	NEW	RUIDOSO NM	142.5	APP	BNPTT -20000829ATP
49	K49EW	RUIDOSO NM	142.5	LIC	BLTT -20000726AAU
49	K49KD	TIMBERON NM	148.6	CP	BNPTTL -20000831EIG
51	KJLF-DT	EL PASO TX	145.9	PLN	DTVPLN -DTVPl495
64	K64CG	TRUTH OR CONSEQUENCE NM	20.3	LIC	BLTT -19871106IC
42	KAEP-LP	LAS CRUCES NM	82.3	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

Analysis of Interference to Affected Station 38

Analysis of current record
Channel Call City/State Application Ref. No.
49 K49KD TIMBERON NM BNPTTL -20000831EIG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
42	KAEP-LP	LAS CRUCES NM	122.5	LIC	BLTTL -19950223IH
47	KTDO	LAS CRUCES NM	120.3	APP	BMPCDT -20080612AAP
47	KZIA-DT	LAS CRUCES NM	99.6	PLN	DTVPLN -DTVPl366
48	K48GY	CARRIZOZO NM	141.2	CP	BDPCDTT -20060329AAE
48	KTDO	LAS CRUCES NM	99.6	LIC	BLCT -19900625KE
48	KTDO	LAS CRUCES NM	109.7	APP	BSTA -20030703ACP

Figure 2
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49	K49FX	ALAMOGORDO NM	27.9	LIC	BLTT	-20030424AAG
49	K49FX	ALAMOGORDO NM	27.9	CP	BDFCDTT	-20060323AAJ
49	K49CZ	CABALLO NM	148.6	LIC	BLTT	-19910123IE
49	K49ES	CARLSBAD NM	133.4	APP	BMJPTT	-20000829AOE
49	K49BY	CLOVIS NM	288.2	CP	BDFCDTT	-20060331AUT
49	K49GV-D	DEMING NM	187.8	LIC	BLDTT	-20071119AHK
49	K49KF-D	LOS ALAMOS/ESPANOLA NM	365.6	CP	BPDTT	-20071019AXW
49	K49KF-D	LOS ALAMOS/ESPANOLA NM	365.6	LIC	BLDTT	-20070523AAQ
49	NEW	RUIDOSO NM	84.5	APP	BNPTT	-20000829ATP
49	K49EW	RUIDOSO NM	84.5	LIC	BLTT	-20000726AAU
50	NEW	ALAMAGORDO NM	28.2	APP	BNPTTL	-20000802ADW
50	NEW	ALAMAGORDO NM	27.9	APP	BNPTTL	-20000829ARQ
50	NEW	ALAMAGORDO NM	27.9	APP	BNPTTL	-20000828ALN
50	NEW	ALAMAGORDO NM	27.9	APP	BNPTTL	-20000828AXZ
50	K50IA	ROSWELL NM	125.6	CP	BDFCDTT	-20060331AJT
51	KTFN	EL PASO TX	120.3	CP	BPCDT	-19991029AEX
51	KJLF-DT	EL PASO TX	119.7	PLN	DTVPLN	-DTVPl495
42	KAEP-LP	LAS CRUCES NM	122.5	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 39

Analysis of current record					
Channel	Call	City/State	Application Ref. No.		
50	NEW	ALAMAGORDO NM	BNPTTL	-20000802ADW	

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.	
42	KAEP-LP	LAS CRUCES NM	113.6	LIC	BLTT	-19950223IH
47	KTDO	LAS CRUCES NM	126.8	APP	BMPCDT	-20080612AAP
47	KZIA-DT	LAS CRUCES NM	102.7	PLN	DTVPLN	-DTVPl366
49	K49FX	ALAMOGORDO NM	0.3	LIC	BLTT	-20030424AAG
49	K49FX	ALAMOGORDO NM	0.3	CP	BDFCDTT	-20060323AAJ
49	K49GV-D	DEMING NM	175.9	LIC	BLDTT	-20071119AHK
49	K49KD	TIMBERON NM	28.2	CP	BNPTTL	-20000831EIG
50	NEW	ALAMAGORDO NM	0.4	APP	BNPTTL	-20000829ARQ
50	NEW	ALAMAGORDO NM	0.4	APP	BNPTTL	-20000828ALN
50	NEW	ALAMAGORDO NM	0.4	APP	BNPTTL	-20000828AXZ
50	KASY-TV	ALBUQUERQUE NM	269.8	LIC	BLCT	-20011102ABA
50	K50IA	ROSWELL NM	130.9	CP	BDFCDTT	-20060331AJT
51	KTFN	EL PASO TX	126.8	CP	BPCDT	-19991029AEX
51	KJLF-DT	EL PASO TX	126.0	PLN	DTVPLN	-DTVPl495
65	KTFN	EL PASO TX	126.8	LIC	BLCT	-20031209ABA
42	KAEP-LP	LAS CRUCES NM	113.6	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 40

Analysis of current record					
Channel	Call	City/State	Application Ref. No.		
50	NEW	ALAMOGORDO NM	BNPTTL	-20000829ARQ	

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.	
42	KAEP-LP	LAS CRUCES NM	113.9	LIC	BLTTTL	-19950223IH
47	KTDO	LAS CRUCES NM	127.0	APP	BMPCDT	-20080612AAP
47	KZIA-DT	LAS CRUCES NM	102.9	PLN	DTVPLN	-DTVPl366

Figure 2
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49	K49FX	ALAMOGORDO NM	0.0	LIC	BLTT	-20030424AAG
49	K49FX	ALAMOGORDO NM	0.0	CP	BDFCDTT	-20060323AAJ
49	K49GV-D	DEMING NM	176.2	LIC	BLDTT	-20071119AHK
49	K49KD	TIMBERON NM	27.9	CP	BNPTTL	-20000831EIG
50	NEW	ALAMAGORDO NM	0.4	APP	BNPTTL	-20000802ADW
50	NEW	ALAMAGORDO NM	0.0	APP	BNPTTL	-20000828ALN
50	NEW	ALAMAGORDO NM	0.0	APP	BNPTTL	-20000828AXZ
50	KASY-TV	ALBUQUERQUE NM	269.9	LIC	BLCT	-20011102ABA
50	K50IA	ROSWELL NM	130.6	LIC	BLTTTL	-20040527AEN
50	K50IA	ROSWELL NM	130.6	CP	BDFCDTT	-20060331AJT
50	NEW	TRUTH OR CONSEQUENCE NM	140.2	APP	BNPTTL	-20000828AMA
51	KTFN	EL PASO TX	127.0	CP	BPCDT	-19991029AEX
51	KJLF-DT	EL PASO TX	126.2	PLN	DTVPLN	-DTVPl495
65	KTFN	EL PASO TX	126.9	LIC	BLCT	-20031209ABA
42	KAEP-LP	LAS CRUCES NM	113.9	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 41

Analysis of current record					
Channel	Call	City/State	Application Ref. No.		
50	NEW	ALAMORGORDO NM	BNPTTL	-20000828ALN	

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.	
42	KAEP-LP	LAS CRUCES NM	113.9	LIC	BLTTTL	-19950223IH
47	KTDO	LAS CRUCES NM	126.9	APP	BMPCDT	-20080612AAP
47	KZIA-DT	LAS CRUCES NM	102.9	PLN	DTVPLN	-DTVPl366
49	K49FX	ALAMOGORDO NM	0.0	LIC	BLTT	-20030424AAG
49	K49FX	ALAMOGORDO NM	0.0	CP	BDFCDTT	-20060323AAJ
49	K49GV-D	DEMING NM	176.2	LIC	BLDTT	-20071119AHK
49	K49KD	TIMBERON NM	27.9	CP	BNPTTL	-20000831EIG
50	NEW	ALAMAGORDO NM	0.4	APP	BNPTTL	-20000802ADW
50	NEW	ALAMAGORDO NM	0.0	APP	BNPTTL	-20000829ARQ
50	NEW	ALAMAGORDO NM	0.0	APP	BNPTTL	-20000828AXZ
50	KASY-TV	ALBUQUERQUE NM	270.0	LIC	BLCT	-20011102ABA
50	K50IA	ROSWELL NM	130.6	LIC	BLTTTL	-20040527AEN
50	K50IA	ROSWELL NM	130.6	CP	BDFCDTT	-20060331AJT
50	NEW	TRUTH OR CONSEQUENCE NM	140.2	APP	BNPTTL	-20000828AMA
51	KTFN	EL PASO TX	126.9	CP	BPCDT	-19991029AEX
51	KJLF-DT	EL PASO TX	126.1	PLN	DTVPLN	-DTVPl495
65	KTFN	EL PASO TX	126.9	LIC	BLCT	-20031209ABA
42	KAEP-LP	LAS CRUCES NM	113.9	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 42

Analysis of current record					
Channel	Call	City/State	Application Ref. No.		
50	NEW	ALAMORGORDO NM	BNPTTL	-20000828AXZ	

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.	
42	KAEP-LP	LAS CRUCES NM	113.9	LIC	BLTTTL	-19950223IH
47	KTDO	LAS CRUCES NM	126.9	APP	BMPCDT	-20080612AAP
47	KZIA-DT	LAS CRUCES NM	102.9	PLN	DTVPLN	-DTVPl366
49	K49FX	ALAMOGORDO NM	0.0	LIC	BLTT	-20030424AAG

Figure 2
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49	K49FX	ALAMOGORDO NM	0.0	CP	BDFCDTT	-20060323AAJ
49	K49GV-D	DEMING NM	176.2	LIC	BLDTT	-20071119AHK
49	K49KD	TIMBERON NM	27.9	CP	BNPTTL	-20000831EIG
50	NEW	ALAMOGORDO NM	0.4	APP	BNPTTL	-20000802ADW
50	NEW	ALAMOGORDO NM	0.0	APP	BNPTTL	-20000829ARQ
50	NEW	ALAMOGORDO NM	0.0	APP	BNPTTL	-20000828ALN
50	KASY-TV	ALBUQUERQUE NM	270.0	LIC	BLCT	-20011102ABA
50	K50IA	ROSWELL NM	130.6	LIC	BLTTL	-20040527AEN
50	K50IA	ROSWELL NM	130.6	CP	BDFCDTT	-20060331AJT
50	NEW	TRUTH OR CONSEQUENCE NM	140.2	APP	BNPTTL	-20000828AMA
51	KTFN	EL PASO TX	126.9	CP	BPCDT	-19991029AEX
51	KJLF-DT	EL PASO TX	126.1	PLN	DTVPLN	-DTVPL1495
65	KTFN	EL PASO TX	126.9	LIC	BLCT	-20031209ABA
42	KAEP-LP	LAS CRUCES NM	113.9	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 43

Analysis of current record

Channel	Call	City/State	Application Ref. No.
50	NEW	TRUTH OR CONSEQUENCE NM	BNPTTL -20000828AMA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
42	KAEP-LP	LAS CRUCES NM	117.3	LIC	BLTTL -19950223IH
49	K49FX	ALAMOGORDO NM	140.2	CP	BDFCDTT -20060323AAJ
49	K49GV-D	DEMING NM	124.8	LIC	BLDTT -20071119AHK
50	NEW	ALAMOGORDO NM	140.2	APP	BNPTTL -20000829ARQ
50	NEW	ALAMOGORDO NM	140.2	APP	BNPTTL -20000828ALN
50	NEW	ALAMOGORDO NM	140.2	APP	BNPTTL -20000828AXZ
50	KASY-TV	ALBUQUERQUE NM	227.8	LIC	BLCT -20011102ABA
50	K50IA	ROSWELL NM	246.6	CP	BDFCDTT -20060331AJT
51	K51BQ	TRUTH OR CONSEQUENCE NM	15.4	LIC	BLTT -19870817IA
42	KAEP-LP	LAS CRUCES NM	117.3	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 44

Analysis of current record

Channel	Call	City/State	Application Ref. No.
42	KAEP-LP	LAS CRUCES NM	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
41	NEW	LAS CRUCES & ORGAN NM	0.1	APP	BDCCDTT -20061030ABC
41	NEW	EL PASO TX	66.3	APP	BDCCDTL -20061027AEC
42	K42EY	ALAMOGORDO NM	113.8	APP	BDFCDTT -20060331BOW
42	K42EY	ALAMOGORDO NM	113.8	LIC	BLTT -20020116AAH
42	KLUZ-TV	ALBUQUERQUE NM	328.7	LIC	BLCDT -20070823AAK
42	KLUZ-DT	ALBUQUERQUE NM	328.7	PLN	DTVPLN -DTVPL1201
42	K42FX-D	HOBBS NM	352.6	LIC	BLDTT -20060111AAS
43	NEW	ALAMOGORDO NM	113.8	APP	BSFDTT -20060630CQY

Total scenarios = 1

Result key: 3

Figure 2
Sheet 24 of 24

Scenario	1	Affected station	44	KAEP-LP
Before Analysis				
Results for: 42A NM LAS CRUCES			USERRECORD01	APP
HAAT	76.0 m,	ATV ERP	0.3 kW	
		POPULATION	AREA (sq km)	
	within Noise Limited Contour	89362	601.5	
	not affected by terrain losses	89302	590.8	
	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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