

K41KY-D, Las Cruces, NM (Channel 38) OET-69 Post-Transition Interference Analysis (worst-case scenarios)

Census data selected: 2000

Post DTV Transition Database Selected

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 05-13-2009

Record Selected for Analysis

K41KY-D USERRECORD-01 LAS CRUCES & ORGAN NM US
Channel 38 ERP 0.25 kW HAAT 70. m RCAMSL 01349 m STRINGENT MASK
Latitude 032-16-41 Longitude 0106-54-36
Status APP Zone 2 Border
Dir Antenna Make CDB Model 00000000023501 Beam tilt N Ref Azimuth 70.
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	0.001	33.0	3.1
45.0	0.026	138.2	13.8
90.0	0.040	151.0	16.6
135.0	0.001	80.5	4.9
180.0	0.001	66.7	4.7
225.0	0.000	33.0	2.0
270.0	0.000	33.0	2.5
315.0	0.001	33.0	3.4

Contour Overlap to Proposed Station

Contour Overlap Evaluation to Proposed Station Complete

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is within the Mexican coordination distance
Distance to border = 55.0km

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
38	K41KY-D	LAS CRUCES & ORGAN NM	USERRECORD01

Stations Potentially Affected by Proposed Station

K41KY-D, Las Cruces, NM (Channel 38) OET-69 Post-Transition Interference Analysis (worst-case scenarios)

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
38	NEW	GLOBE AZ	379.6	APP	BNPTTL	-20000831ANT
38	NEW	GLOBE-MIAMI AZ	388.3	APP	BNPTT	-20000823ABB
38	KUVE-CA	TUCSON AZ	395.3	LIC	BLTTA	-20030418ABB
38	K38KW-D	ALAMOGORDO NM	113.8	CP	BDCCDTT	-20061030AIC
38	K38IM	ALBUQUERQUE NM	329.1	LIC	BLTTT	-20060414AAE
38	K38HR	SANTA ROSA NM	362.1	LIC	BLTT	-20040322AAK
38	K38HR	SANTA ROSA NM	362.1	CP	BDFCDTT	-20060323AAR
39	KSCE	EL PASO TX	66.2	CP	BPEDT	-20080620AAC
40	K40BP	ALAMOGORDO NM	113.7	LIC	BLTT	-19880316IF
40	K40HJ	LORDSBURG NM	170.8	LIC	BLTT	-20060825AAC
40	K40GH	TRUTH OR CONSEQUENCE NM	102.7	LIC	BLTT	-20040723ACM
40	K40FW	EL PASO TX	66.2	APP	BPTTL	-20050506AAY
40	K40FW	EL PASO TX	64.9	LIC	BLTTT	-20010220AAF
40	K40FW	EL PASO TX	66.2	STA	BSTA	-20041117AEH
40	K40FW	EL PASO TX	66.2	APP	BMPTTL	-20041118AAA
41	K41FM	DEMING NM	66.3	LIC	BLTT	-20030113ABZ
42	K42EY	ALAMOGORDO NM	113.8	LIC	BLTT	-20020116AAH
42	KAEP-LP	LAS CRUCES NM	0.1	LIC	BLTTT	-19950223IH
42	K42HC	SILVER CITY NM	140.6	CP MOD	BMPTT	-20060216AFN
45	K45HJ	CABALLO NM	82.2	LIC	BLTT	-20060421ABO
45	K45HJ	CABALLO NM	82.2	CP	BPTT	-20061027AEJ
45	K45EC	SILVER CITY NM	139.5	LIC	BLTT	-19950130JE
46	K46GU	DEMING NM	66.3	LIC	BLTT	-20050726ACW
46	K46JU	TIMBERON NM	122.4	CP	BNPTTL	-20000831EIH

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Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
38	NEW	GLOBE AZ	BNPTTL	-20000831ANT

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
30	KUAT-TV	TUCSON AZ	107.4	PLN	DTVPLN	-DTVP1094
30	KUAT-TV	TUCSON AZ	107.4	LIC	BLDT	-20040727ABR
38	NEW	BULLHEAD CITY AZ	379.5	APP	BSFDTL	-20060630AJD
38	K38AI	COTTONWOOD, ETC. AZ	191.7	LIC	BLTT	-19890927IK
38	NEW	GLOBE-MIAMI AZ	11.6	APP	BNPTT	-20000823ABB
38	KKAX-LD	HILLTOP AZ	345.5	CP	BDCCDTL	-20071119AIL
38	K38IZ-D	PHOENIX AZ	121.3	LIC	BLDTL	-20081030ACJ
38	KUVE-CA	TUCSON AZ	130.2	LIC	BLTTA	-20030418ABB
39	KTAZ	PHOENIX AZ	121.1	CP MOD	BMPCDT	-20080314ACU
39	KTAZ	PHOENIX AZ	121.1	PLN	DTVPLN	-DTVP1390
39	KTAZ	PHOENIX AZ	121.1	APP	BPCDT	-20080729AAO
39	K39IT-D	PRESCOTT AZ	205.2	LIC	BLDTT	-20070803ADJ
40	KHRR	TUCSON AZ	130.2	PLN	DTVPLN	-DTVP1422
40	KHRR	TUCSON AZ	130.2	CP	BPCDT	-20080317AFA
46	KUVE-TV	GREEN VALLEY AZ	107.4	APP	BMPCDT	-20080618ATO
46	KUVE-TV	GREEN VALLEY AZ	107.4	PLN	DTVPLN	-DTVP1637
46	KUVE-TV	GREEN VALLEY AZ	107.4	CP	BPCDT	-20080425ABH
38	K41KY-D	LAS CRUCES & ORGAN NM	379.6	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
38	NEW	GLOBE-MIAMI AZ	BNPTT	-20000823ABB

Stations Potentially Affecting This Station

K41KY-D, Las Cruces, NM (Channel 38) OET-69 Post-Transition Interference Analysis (worst-case scenarios)

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
30	KUAT-TV	TUCSON AZ	103.7	PLN	DTVPLN	-DTVP1094
30	KUAT-TV	TUCSON AZ	103.7	LIC	BLEDT	-20040727ABR
38	NEW	BULLHEAD CITY AZ	372.8	APP	BSFDTL	-20060630AJD
38	K38AI	COTTONWOOD, ETC. AZ	188.7	LIC	BLTT	-19890927IK
38	NEW	GLOBE AZ	11.6	APP	BNPTTL	-20000831ANT
38	KKAX-LD	HILLTOP AZ	339.4	CP	BDCCDTL	-20071119AIL
38	K38IZ-D	PHOENIX AZ	110.6	LIC	BLDTL	-20081030ACJ
38	KUVE-CA	TUCSON AZ	123.3	LIC	BLTTA	-20030418ABB
39	KTAZ	PHOENIX AZ	110.5	CP MOD	BMPCDT	-20080314ACU
39	KTAZ	PHOENIX AZ	110.5	PLN	DTVPLN	-DTVP1390
39	KTAZ	PHOENIX AZ	110.5	APP	BPCDT	-20080729AAO
39	K39IT-D	PRESCOTT AZ	199.9	LIC	BLDTT	-20070803ADJ
40	KHRR	TUCSON AZ	123.3	PLN	DTVPLN	-DTVP1422
40	KHRR	TUCSON AZ	123.3	CP	BPCDT	-20080317AFA
46	KUVE-TV	GREEN VALLEY AZ	103.7	APP	BMPCDT	-20080618ATO
46	KUVE-TV	GREEN VALLEY AZ	103.7	PLN	DTVPLN	-DTVP1637
46	KUVE-TV	GREEN VALLEY AZ	103.7	CP	BPCDT	-20080425ABH
38	K41KY-D	LAS CRUCES & ORGAN NM	388.3	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
38	KUVE-CA	TUCSON AZ	BLTTA	-20030418ABB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
30	KUAT-TV	TUCSON AZ	42.0	PLN	DTVPLN	-DTVP1094
30	KUAT-TV	TUCSON AZ	42.0	LIC	BLEDT	-20040727ABR
36	KFTU-TV	DOUGLAS AZ	138.6	CP	BPCDT	-20081209AER
36	KFTU-TV	DOUGLAS AZ	138.6	APP	BPCDT	-20080514AFZ
38	K38AI	COTTONWOOD, ETC. AZ	286.4	LIC	BLTT	-19890927IK
38	NEW	GLOBE AZ	130.2	APP	BNPTTL	-20000831ANT
38	NEW	GLOBE-MIAMI AZ	123.3	APP	BNPTT	-20000823ABB
38	KKAX-LD	HILLTOP AZ	406.9	CP	BDCCDTL	-20071119AIL
38	K38IZ-D	PHOENIX AZ	149.5	LIC	BLDTL	-20081030ACJ
40	KHRR	TUCSON AZ	0.0	PLN	DTVPLN	-DTVP1422
40	KHRR	TUCSON AZ	0.0	CP	BPCDT	-20080317AFA
46	KUVE-TV	GREEN VALLEY AZ	41.9	APP	BMPCDT	-20080618ATO
46	KUVE-TV	GREEN VALLEY AZ	41.9	PLN	DTVPLN	-DTVP1637
46	KUVE-TV	GREEN VALLEY AZ	41.9	CP	BPCDT	-20080425ABH
38	K41KY-D	LAS CRUCES & ORGAN NM	395.3	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
38	K38KW-D	ALAMOGORDO NM	BDCCDTT	-20061030AIC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
38	K35GY	CUBA NM	364.6	CP	BDISDTT	-20060811ABW
38	K38EC	EAGLES NEST NM	419.4	CP	BDFCDTT	-20060329AAF
38	K38HR	SANTA ROSA NM	261.2	CP	BDFCDTT	-20060323AAR
38	K63GN	BOVINA, ETC. TX	340.7	CP	BDISDTL	-20081014ADP

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38	KPBT-TV	ODESSA TX	346.3	PLN	DTVPLN	-DTVP1383
38	KPBT-TV	ODESSA TX	346.3	CP MOD	BMPEDT	-20080813AEN
39	KSCE	EL PASO TX	126.9	CP	BPEDT	-20080620AAC
39	KSCE	EL PASO TX	126.1	PLN	DTVPLN	-DTVP1415
38	K41KY-D	LAS CRUCES & ORGAN NM	113.8	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 5

Analysis of current record

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

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
35	KNME-TV	ALBUQUERQUE NM	0.0	LIC	BL EDT -20030218BNH
35	KNME-TV	ALBUQUERQUE NM	0.0	PLN	DTVPLN -DTVP1300
38	K38KW-D	ALAMOGORDO NM	270.0	CP	BDCCDTT -20061030AIC
38	K38DA-D	AZTEC NM	220.1	LIC	BLDTT -20060927AIP
38	K35GY	CUBA NM	95.7	CP	BDISDTT -20060811ABW
38	K38EC	EAGLES NEST NM	187.5	CP	BDFCDTT -20060329AAF
38	K38HR	SANTA ROSA NM	163.4	CP	BDFCDTT -20060323AAR
38	K63GN	BOVINA, ETC. TX	333.9	CP	BDISDTL -20081014ADP
39	KFAC-LP	ALBUQUERQUE NM	0.0	CP	BDFCDTL -20080303ALF
39	KFAC-LP	ALBUQUERQUE NM	0.0	LIC	BLTTL -20071025AAC
39	K39EJ	ESPANOLA NM	91.0	CP	BDFCDTT -20081024ABQ
42	KLUZ-TV	ALBUQUERQUE NM	0.3	LIC	BLCDT -20070823AAK
42	KLUZ-TV	ALBUQUERQUE NM	0.3	PLN	DTVPLN -DTVP1510
45	KASY-TV	ALBUQUERQUE NM	0.1	LIC	BLCDT -20030429ABF
45	KASY-TV	ALBUQUERQUE NM	0.1	PLN	DTVPLN -DTVP1624
38	K41KY-D	LAS CRUCES & ORGAN NM	329.1	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 6

Analysis of current record

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

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
38	K38KW-D	ALAMOGORDO NM	261.2	CP	BDCCDTT -20061030AIC
38	K38IM	ALBUQUERQUE NM	163.4	LIC	BLTTL -20060414AAE
38	K38DA-D	AZTEC NM	355.3	LIC	BLDTT -20060927AIP
38	K35GY	CUBA NM	228.3	CP	BDISDTT -20060811ABW
38	K38EC	EAGLE NEST NM	184.2	LIC	BLTT -20040827AAS
38	K38EC	EAGLES NEST NM	184.2	CP	BDFCDTT -20060329AAF
38	K38FP	TUCUMCARI NM	92.0	LIC	BLTT -20010514AAL
38	K63GN	BOVINA, ETC. TX	170.6	CP	BDISDTL -20081014ADP
39	KFAC-LP	ALBUQUERQUE NM	163.5	CP	BDFCDTL -20080303ALF
39	K39EJ	ESPANOLA NM	152.1	CP	BDFCDTT -20081024ABQ
39	K57BR	MONTOYA & NEWKIRK NM	50.0	CP	BDISDTA -20060717ABG
38	K41KY-D	LAS CRUCES & ORGAN NM	362.1	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.
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K41KY-D, Las Cruces, NM (Channel 38) OET-69 Post-Transition Interference Analysis (worst-case scenarios)

38 K38HR SANTA ROSA NM BDFCDTT -20060323AAR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
38	KJCS-LP	COLORADO SPRINGS CO	421.5	CP	BDFCDTL	-20080924AKL
38	K38KW-D	ALAMOGORDO NM	261.2	CP	BDCCDTT	-20061030AIC
38	K38IM	ALBUQUERQUE NM	163.4	LIC	BLTTL	-20060414AAE
38	K38DA-D	AZTEC NM	355.3	LIC	BLDTT	-20060927AIP
38	K35GY	CUBA NM	228.3	CP	BDISDTT	-20060811ABW
38	K38EC	EAGLES NEST NM	184.2	CP	BDFCDTT	-20060329AAF
38	K38FP	TUCUMCARI NM	92.0	LIC	BLTT	-20010514AAL
38	K63GN	BOVINA, ETC. TX	170.6	CP	BDISDTL	-20081014ADP
39	KFAC-LP	ALBUQUERQUE NM	163.5	CP	BDFCDTL	-20080303ALF
39	K39EJ	ESPANOLA NM	152.1	CP	BDFCDTT	-20081024ABQ
39	K57BR	MONTOYA & NEWKIRK NM	50.0	CP	BDISDTA	-20060717ABG
38	K41KY-D	LAS CRUCES & ORGAN NM	362.1	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.
39	KSCE	EL PASO TX	BPEDT	-20080620AAC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
38	K41KY-D	LAS CRUCES & ORGAN NM	66.2	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.
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	CP	BPEDT	-20080620AAC
39	KSCE	EL PASO TX	126.1	PLN	DTVPLN	-DTVP1415
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	STA	BSTA	-20041117AEH
40	K40FW	EL PASO TX	126.9	APP	BMPTTL	-20041118AAA
40	KLBK-TV	LUBBOCK TX	381.8	CP MOD	BMPCDT	-20070125ABT
40	KLBK-TV	LUBBOCK TX	381.8	PLN	DTVPLN	-DTVP1451
41	K41KY-D	LAS CRUCES & ORGAN NM	113.7	LIC	BLDTT	-20090416AGE
41	K15FT	ROSWELL NM	139.7	APP	BDISDTT	-20090220ACL
41	NEW	EL PASO TX	126.9	APP	BDCCDTL	-20061027AEC
47	KTDO	LAS CRUCES NM	126.9	CP MOD	BMPCDT	-20080612AAP
47	KTDO	LAS CRUCES NM	102.8	PLN	DTVPLN	-DTVP1682
38	K41KY-D	LAS CRUCES & ORGAN NM	113.7	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 10

K41KY-D, Las Cruces, NM (Channel 38) OET-69 Post-Transition Interference Analysis (worst-case scenarios)

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
40	K40HJ	LORDSBURG NM	BLTT	-20060825AAC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
36	KFTU-TV	DOUGLAS AZ	130.8	PLN	DTVPLN	-DTVP1314
40	KEJR-LD	PHOENIX AZ	331.0	CP	BDCCDTL	-20061017ABH
40	KHRR	TUCSON AZ	224.7	PLN	DTVPLN	-DTVP1422
40	KHRR	TUCSON AZ	224.7	CP	BPCDT	-20080317AFA
40	K40GH	TRUTH OR CONSEQUENCE NM	162.6	CP	BDFCDTT	-20060331BOF
40	K40FW	EL PASO TX	218.3	LIC	BLTTL	-20010220AAF
40	K40FW	EL PASO TX	219.2	APP	BMPTTL	-20041118AAA
41	K41KY-D	LAS CRUCES & ORGAN NM	170.8	LIC	BLDTT	-20090416AGE
38	K41KY-D	LAS CRUCES & ORGAN NM	170.8	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 11

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	372.0	PLN	DTVPLN	-DTVP1422
40	KHRR	TUCSON AZ	371.9	CP	BPCDT	-20080317AFA
40	K40BP	ALAMOGORDO NM	135.0	LIC	BLTT	-19880316IF
40	K40GC	DORA NM	359.6	CP	BDFCDTT	-20060327AGD
40	K40FI-D	FARMINGTON, ETC. NM	366.9	LIC	BLDTT	-20060825ADL
41	K41KY-D	LAS CRUCES & ORGAN NM	102.7	LIC	BLDTT	-20090416AGE
41	NEW	EL PASO TX	167.0	APP	BDCCDTL	-20061027AEC
47	KTDO	LAS CRUCES NM	145.0	PLN	DTVPLN	-DTVP1682
38	K41KY-D	LAS CRUCES & ORGAN NM	102.7	APP	USERRECORD-01	

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.
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	CP	BPEDT	-20080620AAC
39	KSCE	EL PASO TX	1.2	PLN	DTVPLN	-DTVP1415
40	K40BP	ALAMOGORDO NM	126.9	LIC	BLTT	-19880316IF
40	K40GC	DORA NM	362.5	CP	BDFCDTT	-20060327AGD
40	K40GH	TRUTH OR CONSEQUENCE NM	167.0	CP	BDFCDTT	-20060331BOF
41	K41KY-D	LAS CRUCES & ORGAN NM	66.2	LIC	BLDTT	-20090416AGE
41	NEW	EL PASO TX	0.0	APP	BDCCDTL	-20061027AEC
47	KTDO	LAS CRUCES NM	0.0	CP MOD	BMPCDT	-20080612AAP
47	KTDO	LAS CRUCES NM	26.4	PLN	DTVPLN	-DTVP1682
38	K41KY-D	LAS CRUCES & ORGAN NM	66.2	APP	USERRECORD-01	

Proposal causes no interference

K41KY-D, Las Cruces, NM (Channel 38) OET-69 Post-Transition Interference Analysis (worst-case scenarios)

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Analysis of Interference to Affected Station 13

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	CP	BPEDT -20080620AAC
39	KSCE	EL PASO TX	0.1	PLN	DTVPLN -DTVP1415
40	K40BP	ALAMOGORDO NM	126.1	LIC	BLTT -19880316IF
40	K40GC	DORA NM	362.1	CP	BDFCDTT -20060327AGD
40	K40GH	TRUTH OR CONSEQUENCE NM	165.7	CP	BDFCDTT -20060331BOF
41	K41KY-D	LAS CRUCES & ORGAN NM	64.9	LIC	BLDTT -20090416AGE
41	NEW	EL PASO TX	1.3	APP	BDCCDTL -20061027AEC
47	KTDO	LAS CRUCES NM	1.3	CP MOD	BMPCDT -20080612AAP
47	KTDO	LAS CRUCES NM	25.2	PLN	DTVPLN -DTVP1682
38	K41KY-D	LAS CRUCES & ORGAN NM	64.9	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application Ref. No.
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	CP	BPEDT -20080620AAC
39	KSCE	EL PASO TX	1.2	PLN	DTVPLN -DTVP1415
40	K40BP	ALAMOGORDO NM	126.9	LIC	BLTT -19880316IF
40	K40GC	DORA NM	362.5	CP	BDFCDTT -20060327AGD
40	K40GH	TRUTH OR CONSEQUENCE NM	167.0	CP	BDFCDTT -20060331BOF
41	K41KY-D	LAS CRUCES & ORGAN NM	66.2	LIC	BLDTT -20090416AGE
41	NEW	EL PASO TX	0.0	APP	BDCCDTL -20061027AEC
47	KTDO	LAS CRUCES NM	0.0	CP MOD	BMPCDT -20080612AAP
47	KTDO	LAS CRUCES NM	26.4	PLN	DTVPLN -DTVP1682
38	K41KY-D	LAS CRUCES & ORGAN NM	66.2	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	BMP'TTL -20041118AAA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
39	KSCE	EL PASO TX	0.0	CP	BPEDT -20080620AAC
39	KSCE	EL PASO TX	1.2	PLN	DTVPLN -DTVP1415
40	K40BP	ALAMOGORDO NM	126.9	LIC	BLTT -19880316IF
40	K40GC	DORA NM	362.5	CP	BDFCDTT -20060327AGD
40	K40GH	TRUTH OR CONSEQUENCE NM	167.0	CP	BDFCDTT -20060331BOF
41	K41KY-D	LAS CRUCES & ORGAN NM	66.2	LIC	BLDTT -20090416AGE
41	NEW	EL PASO TX	0.0	APP	BDCCDTL -20061027AEC
47	KTDO	LAS CRUCES NM	0.0	CP MOD	BMPCDT -20080612AAP
47	KTDO	LAS CRUCES NM	26.4	PLN	DTVPLN -DTVP1682
38	K41KY-D	LAS CRUCES & ORGAN NM	66.2	APP	USERRECORD-01

K41KY-D, Las Cruces, NM (Channel 38) OET-69 Post-Transition Interference Analysis (worst-case scenarios)

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.
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	CP	BPEDT	-20080620AAC
39	KSCE	EL PASO TX	113.7	PLN	DTVPLN	-DTVP1415
40	K40GH	TRUTH OR CONSEQUENCE NM	110.1	CP	BDFCDTT	-20060331BOF
41	K41CV	DUNCAN, ETC. AZ	177.4	LIC	BLTTL	-19900411IF
41	K41KY-D	LAS CRUCES & ORGAN NM	66.3	LIC	BLDTT	-20090416AGE
41	K15FT	ROSWELL NM	315.7	APP	BDISDTT	-20090220ACL
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	APP	BDFCDTL	-20080804ABM
38	K41KY-D	LAS CRUCES & ORGAN NM	66.3	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 17

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
42	K42EY	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	CP	BPEDT	-20080620AAC
39	KSCE	EL PASO TX	126.1	PLN	DTVPLN	-DTVP1415
41	K41KY-D	LAS CRUCES & ORGAN NM	113.8	LIC	BLDTT	-20090416AGE
41	K15FT	ROSWELL NM	139.6	APP	BDISDTT	-20090220ACL
41	NEW	EL PASO TX	126.9	APP	BDCCDTL	-20061027AEC
42	KLUZ-TV	ALBUQUERQUE NM	269.7	LIC	BLCDT	-20070823AAK
42	KLUZ-TV	ALBUQUERQUE NM	269.7	PLN	DTVPLN	-DTVP1510
42	K42FX-D	HOBBS NM	251.9	LIC	BLDTT	-20060111AAS
42	KAEP-LP	LAS CRUCES NM	113.8	APP	BDFCDTL	-20080804ABM
42	KAEP-LP	LAS CRUCES NM	113.8	LIC	BLTTL	-19950223IH
42	K42HC	SILVER CITY NM	219.8	CP MOD	BMPTT	-20060216AFN
42	KMLM	ODESSA TX	347.4	CP	BPCDT	-20080310ADO
42	KMLM	ODESSA TX	347.4	PLN	DTVPLN	-DTVP1519
43	NEW	ALAMOGORDO NM	0.1	APP	BSFDTT	-20060630CQY
38	K41KY-D	LAS CRUCES & ORGAN NM	113.8	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 18

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
42	KAEP-LP	LAS CRUCES NM	BLTTL	-19950223IH

Stations Potentially Affecting This Station

K41KY-D, Las Cruces, NM (Channel 38) OET-69 Post-Transition Interference Analysis (worst-case scenarios)

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
39	KSCE	EL PASO TX	66.3	CP	BPEDT	-20080620AAC
39	KSCE	EL PASO TX	65.1	PLN	DTVPLN	-DTVP1415
41	K41KY-D	LAS CRUCES & ORGAN NM	0.1	LIC	BLD TT	-20090416AGE
41	NEW	EL PASO TX	66.3	APP	BDCCDTL	-20061027AEC
42	K42EY	ALAMOGORDO NM	113.8	LIC	BLTT	-20020116AAH
42	K42EY	ALAMOGORDO NM	113.8	APP	BDFCDTT	-20060331BOW
42	KLUZ-TV	ALBUQUERQUE NM	328.7	LIC	BLCDT	-20070823AAK
42	KLUZ-TV	ALBUQUERQUE NM	328.7	PLN	DTVPLN	-DTVP1510
42	K42FX-D	HOBBS NM	352.6	LIC	BLD TT	-20060111AAS
42	K42HC	SILVER CITY NM	140.4	CP MOD	BMPTT	-20060216AFN
43	NEW	ALAMOGORDO NM	113.8	APP	BSFD TT	-20060630CQY
57	K57BV	LAS CRUCES & ORGAN NM	0.1	LIC	BLTT	-19851015IA
38	K41KY-D	LAS CRUCES & ORGAN NM	0.1	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 19

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	K41KY-D	LAS CRUCES & ORGAN NM	140.6	LIC	BLD TT	-20090416AGE
41	NEW	EL PASO TX	202.6	APP	BDCCDTL	-20061027AEC
42	KVPA-LP	PHOENIX AZ	360.0	CP	BDFCDTL	-20081211AAW
42	K42EY	ALAMOGORDO NM	219.8	LIC	BLTT	-20020116AAH
42	K42EY	ALAMOGORDO NM	219.8	APP	BDFCDTT	-20060331BOW
42	KLUZ-TV	ALBUQUERQUE NM	308.9	LIC	BLCDT	-20070823AAK
42	KLUZ-TV	ALBUQUERQUE NM	308.9	PLN	DTVPLN	-DTVP1510
42	KAEP-LP	LAS CRUCES NM	140.4	APP	BDFCDTL	-20080804ABM
42	KAEP-LP	LAS CRUCES NM	140.4	LIC	BLTT	-19950223IH
38	K41KY-D	LAS CRUCES & ORGAN NM	140.6	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 20

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.
44	NEW	ALAMOGORDO NM	119.4	APP	BSFD TT	-20060630CRJ
44	K44HJ	SOCORRO NM	125.1	APP	BDFCDTT	-20081222AAQ
45	KASY-TV	ALBUQUERQUE NM	259.6	LIC	BLCDT	-20030429ABF
45	KASY-TV	ALBUQUERQUE NM	259.6	PLN	DTVPLN	-DTVP1624
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	BLD TT	-20060901ABN
47	KTDO	LAS CRUCES NM	125.4	PLN	DTVPLN	-DTVP1682
38	K41KY-D	LAS CRUCES & ORGAN NM	82.2	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

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K41KY-D, Las Cruces, NM (Channel 38) OET-69 Post-Transition Interference Analysis (worst-case scenarios)

Analysis of Interference to Affected Station 21

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.
44	NEW	ALAMOGORDO NM	119.4	APP	BSFDDT	-20060630CRJ
44	K44HJ	SOCORRO NM	125.1	APP	BDFCDTT	-20081222AAQ
45	KASY-TV	ALBUQUERQUE NM	259.6	LIC	BLCDT	-20030429ABF
45	KASY-TV	ALBUQUERQUE NM	259.6	PLN	DTVPLN	-DTVP1624
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	BLDTT	-20060901ABN
47	KTDO	LAS CRUCES NM	125.4	PLN	DTVPLN	-DTVP1682
38	K41KY-D	LAS CRUCES & ORGAN NM	82.2	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 22

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.
44	K44HJ	SOCORRO NM	180.6	APP	BDFCDTT	-20081222AAQ
45	KASY-TV	ALBUQUERQUE NM	310.6	LIC	BLCDT	-20030429ABF
45	KASY-TV	ALBUQUERQUE NM	310.6	PLN	DTVPLN	-DTVP1624
45	K45HJ	CABALLO NM	95.4	APP	BDFCDTL	-20090126AGA
45	K45HJ	CABALLO NM	95.4	CP	BPTT	-20061027AEJ
45	K45HJ	CABALLO NM	95.4	APP	BSTA	-20090409APL
46	K46GU	DEMING NM	93.3	APP	BDFCDTT	-20060331BOV
46	K46HY-D	SOCORRO NM	180.6	LIC	BLDTT	-20060901ABN
38	K41KY-D	LAS CRUCES & ORGAN NM	139.5	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 23

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	CP	BPEDT	-20080620AAC
39	KSCE	EL PASO TX	113.7	PLN	DTVPLN	-DTVP1415
45	K45HJ	CABALLO NM	93.1	APP	BDFCDTL	-20090126AGA
45	K45HJ	CABALLO NM	93.1	APP	BSTA	-20090409APL
45	K45EC	SILVER CITY NM	93.3	APP	BDFCDTT	-20060329AAG
46	KUVE-TV	GREEN VALLEY AZ	293.0	APP	BMPCDT	-20080618ATO

K41KY-D, Las Cruces, NM (Channel 38) OET-69 Post-Transition Interference Analysis (worst-case scenarios)

46	KUVE-TV	GREEN VALLEY AZ	293.0	PLN	DTVPLN	-DTVP1637
46	KUVE-TV	GREEN VALLEY AZ	293.0	CP	BPCDT	-20080425ABH
46	K46FE	ARTESIA NM	325.7	APP	BDFCDTT	-20070824ADR
46	K46FI	GRANTS NM	339.9	CP	BDFCDTT	-20081222AAR
46	K46HY-D	SOCORRO NM	217.1	LIC	BLDTT	-20060901ABN
47	KTDO	LAS CRUCES NM	114.6	CP MOD	BMPCDT	-20080612AAP
47	KTDO	LAS CRUCES NM	109.3	PLN	DTVPLN	-DTVP1682
38	K41KY-D	LAS CRUCES & ORGAN NM	66.3	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 24

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	CP	BPEDT -20080620AAC
39	KSCE	EL PASO TX	119.7	PLN	DTVPLN -DTVP1415
45	K45HJ	CABALLO NM	148.7	APP	BDFCDTL -20090126AGA
45	K45HJ	CABALLO NM	148.7	APP	BSTA -20090409APL
46	K46FE	ARTESIA NM	138.7	APP	BDFCDTT -20070824ADR
46	K46FE	ARTESIA NM	138.7	LIC	BLTT -20001024AAB
46	K46GU	DEMING NM	187.8	APP	BDFCDTT -20060331BOV
46	K46FI	GRANTS NM	339.1	CP	BDFCDTT -20081222AAR
46	K46HY-D	SOCORRO NM	198.0	LIC	BLDTT -20060901ABN
46	KXTQ-CA	LUBBOCK TX	367.2	CP	BDFCDTA -20080604ACE
47	K47FX	CARLSBAD NM	140.2	APP	BDFCDTT -20070824ADS
47	KTDO	LAS CRUCES NM	120.3	CP MOD	BMPCDT -20080612AAP
47	KTDO	LAS CRUCES NM	99.6	PLN	DTVPLN -DTVP1682
47	NEW	ROSWELL NM	128.6	APP	BDCCDTL -20061002BPK
38	K41KY-D	LAS CRUCES & ORGAN NM	122.4	APP	USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 25

Analysis of current record

Channel	Call	City/State	Application Ref. No.
38	K41KY-D	LAS CRUCES & ORGAN NM	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
38	K38KW-D	ALAMOGORDO NM	113.8	CP	BDCCDTT -20061030AIC
38	K35GY	CUBA NM	415.2	CP	BDISDTT -20060811ABW
38	K38HR	SANTA ROSA NM	362.1	CP	BDFCDTT -20060323AAR
39	KSCE	EL PASO TX	66.2	CP	BPEDT -20080620AAC
39	KSCE	EL PASO TX	65.0	PLN	DTVPLN -DTVP1415

Total scenarios = 1

Result key:

Scenario 1 Affected station 25 K41KY-D
Before Analysis

Results for: 38A NM LAS CRUCES & ORGAN USERRECORD01 APP
HAAT 70.0 m, ATV ERP 0.2 kW
POPULATION AREA (sq km)

K41KY-D, Las Cruces, NM (Channel 38) OET-69 Post-Transition Interference Analysis (worst-case scenarios)

within Noise Limited Contour	83772	256.7
not affected by terrain losses	83772	256.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	0	0.0

Potential Interfering Stations Included in above Scenario 1

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