

OET-69 Interference Analysis, K46FE-D (digital flash-cut), Artesia, NM, Ch. 46

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/cdb/pt_tvdb.sff
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 06-18-2012 Time: 09:39:48

Record Selected for Analysis

K46FE USERRECORD-01 ARTESIA NM US
Channel 46 ERP 0.4 kW HAAT 119. m RCAMSL 01191 m STRINGENT MASK
Latitude 032-47-38 Longitude 0104-12-29
Status APP Zone 2 Border Site number: 01
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	0.400	100.5	24.2
45.0	0.400	80.5	21.8
90.0	0.400	95.9	23.7
135.0	0.400	119.8	26.0
180.0	0.400	101.4	24.3
225.0	0.400	149.9	28.1
270.0	0.400	153.4	28.4
315.0	0.400	147.5	28.0

Contour Overlap to Proposed Station

K46FE Station
46 ARTESIA NM BLTT20001024AAB

Station inside contour of Digital LPTV station
K46FE 46 ARTESIA NM USERRECORD01

Contour Overlap Evaluation to Proposed Station Complete

Checks to Site Number 01

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is within the Mexican coordination distance
Distance to border = 228.5km

Proposed station is OK toward AM broadcast stations

OET-69 Interference Analysis, K46FE-D (digital flash-cut), Artesia, NM, Ch. 46

Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
46	K46FE	ARTESIA NM	USERRECORD01

Stations Potentially Affected by	Proposed Station
1	2
3	4
5	6
7	8
9	10
11	12
13	14
15	16
17	18
19	20
21	22
23	24
25	26
27	28
29	30
31	32
33	34
35	36
37	38
39	40
41	42
43	44
45	46
47	48
49	50
51	52
53	54
55	56
57	58
59	60
61	62
63	64
65	66
67	68
69	70
71	72
73	74
75	76
77	78
79	80
81	82
83	84
85	86
87	88
89	90
91	92
93	94
95	96
97	98
99	100

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
45	K45GJ	CARLSBAD NM	40.1	LIC	BLTT	-20030702AAH
45	K45GJ	CARLSBAD NM	40.1	CP	BDFCDTT	-20090824ADI
45	K45BF	CLOVIS NM	205.0	LIC	BLTT	-19970616JB
45	K45JA	HOBBS NM	106.3	LIC	BLTTTL	-20090312ABQ
45	K45IL-D	HOBBS NM	104.2	LIC	BLDTT	-20090914ABY
45	NEW	ODESSA-MIDLAND TX	197.7	APP	BNPDTL	-20100927AGC
46	NEW	ALAMAGORDO NM	156.9	APP	BNPDTT	-20100518ACN
46	K46GU	DEMING NM	325.7	CP	BDFCDTT	-20091207AAB
46	K46GU	DEMING NM	325.6	LIC	BLTT	-20050726ACW
46	K66EE	HORSE SPRINGS NM	355.7	CP	BDISDTL	-20090904ACU
46	K46HM	LOVINGTON NM	81.9	LIC	BLTT	-20060221AAO
46	K46GY	SANTA FE NM	339.2	LIC	BLTT	-20030403AAN
46	K46HY-D	SOCORRO NM	292.3	LIC	BLDTT	-20060901ABN
46	K46BU	TUCUMCARI NM	264.9	LIC	BLTT	-19890713IG
46	K46BU	TUCUMCARI NM	264.6	CP	BDFCDTT	-20091201AME
46	KZBZ-LP	CANYON TX	321.2	LIC	BLTTTL	-20090410AQQ
46	NEW	KENT TX	193.0	APP	BNPDTL	-20100406ACE
46	KXTQ-CA	LUBBOCK TX	231.2	CP	BDFCDTA	-20080604ACE
46	KXTQ-CA	LUBBOCK TX	231.2	LIC	BLTTA	-20081203AAA
46	K46HN	ODESSA TX	209.4	LIC	BLTTTL	-20061107AEN
46	K46LP-D	OZONA TX	373.1	CP	BNPDTL	-20100329ACO
46	NEW	SWEETWATER TX	355.4	APP	BMJADTL	-20100524AIL
47	K47FX	CARLSBAD NM	35.5	CP MOD	BMPDTT	-20120521ABZ
47	K47FX	CARLSBAD NM	35.5	LIC	BLTT	-20050603AAI
47	K47DH	CLOVIS NM	205.0	LIC	BLTT	-19910712JL
47	KGDR-LP	RUIDOSO NM	161.5	LIC	BLTT	-19950502IF
47	NEW	ODESSA TX	188.7	APP	BNPDTL	-20100714AAK
49	K49ES	CARLSBAD NM	40.1	LIC	BLTT	-20000707AEJ
50	K50IP	CARLSBAD NM	41.6	LIC	BLTTTL	-20080910ACH
50	K50IP	CARLSBAD NM	41.1	CP	BPTTL	-20090529ANZ
50	K50IP	CARLSBAD NM	44.1	APP	BPTTL	-20090512ABP
50	K50GM	HOBBS NM	101.9	LIC	BLTT	-20030716ADQ
50	K50IA	ROSWELL NM	74.8	LIC	BLTTTL	-20040527AEN

[illegible]

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
45	K45GJ	CARLSBAD NM	BLTT	-20030702AAH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
45	KASY-TV	ALBUQUERQUE NM	367.9	LIC	BLCDT -20030429ABF
46	K46FE	ARTESIA NM	40.1	CP	BDFCDTT -20070824ADR
46	K46FE	ARTESIA NM	40.1	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
45	K45GJ	CARLSBAD NM	BDFCDTT	-20090824ADI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
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OET-69 Interference Analysis, K46FE-D (digital flash-cut), Artesia, NM, Ch. 46

45	KASY-TV	ALBUQUERQUE NM	367.9	LIC	BLCDDT	-20030429ABF
45	K45IL-D	HOBBS NM	115.2	LIC	BLDDTT	-20090914ABY
45	NEW	ODESSA-MIDLAND TX	191.4	APP	BNPDTL	-20100927AGC
46	K46FE	ARTESIA NM	40.1	CP	BDFCDTT	-20070824ADR
46	K46FE	ARTESIA NM	40.1	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application Ref. No.
45	K45BF	CLOVIS NM	BLTT -19970616JB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
45	KASY-TV	ALBUQUERQUE NM	307.8	LIC	BLCDDT -20030429ABF
46	K46FE	ARTESIA NM	205.0	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.
45	K45JA	HOBBS NM	BLTTL -20090312ABQ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
38	KPBT-TV	ODESSA TX	96.6	LIC	BLEDT -20080819ACX
38	KPBT-TV	ODESSA TX	97.5	CP MOD	BMPEDT -20111003AHL
42	KMLM-DT	ODESSA TX	91.1	LIC	BLCDDT -20081231AAS
45	K45GJ	CARLSBAD NM	105.4	LIC	BLTT -20030702AAH
45	K45IL-D	HOBBS NM	32.5	LIC	BLDDTT -20090914ABY
45	NEW	ODESSA-MIDLAND TX	91.6	APP	BNPDTL -20100927AGC
46	K46FE	ARTESIA NM	106.3	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.
45	K45IL-D	HOBBS NM	BLDDTT -20090914ABY

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
45	K45GJ	CARLSBAD NM	115.2	LIC	BLTT -20030702AAH
45	K45GJ	CARLSBAD NM	115.2	CP	BDFCDTT -20090824ADI
45	K45BF	CLOVIS NM	191.0	LIC	BLTT -19970616JB
45	K45JA	HOBBS NM	32.5	LIC	BLTTL -20090312ABQ
45	NEW	ODESSA-MIDLAND TX	106.3	APP	BNPDTL -20100927AGC
46	K46HM	LOVINGTON NM	32.6	LIC	BLTT -20060221AAO
46	K46FE	ARTESIA NM	104.2	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 6

OET-69 Interference Analysis, K46FE-D (digital flash-cut), Artesia, NM, Ch. 46

Analysis of current record

Channel	Call	City/State	Application Ref. No.
45	NEW	ODESSA-MIDLAND TX	BNPDTL -20100927AGC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
44	K44KH-D	MIDLAND TX	6.8	CP	BNPDTL -20090825AQQ
45	K45JA	HOBBS NM	91.6	LIC	BLTTL -20090312ABQ
45	K45IL-D	HOBBS NM	106.3	LIC	BLDTT -20090914ABY
45	K45LY-D	WESTBROOK TX	127.8	CP	BNPDTL -20100310ACI
46	K46HN	ODESSA TX	17.5	LIC	BLTTL -20061107AEN
46	K46FE	ARTESIA NM	197.7	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application Ref. No.
46	NEW	ALAMAGORDO NM	BNPDTT -20100518ACN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
45	K45HJ	CABALLO NM	125.9	APP	BDFCDTL -20090126AGA
46	K46FE	ARTESIA NM	157.0	LIC	BLTT -20001024AAB
46	K46FE	ARTESIA NM	157.0	CP	BDFCDTT -20070824ADR
46	K46GU	DEMING NM	176.1	CP	BDFCDTT -20091207AAB
46	K46GU	DEMING NM	176.0	LIC	BLTT -20050726ACW
46	K66EE	HORSE SPRINGS NM	210.5	CP	BDISDTL -20090904ACU
46	K46GY	SANTA FE NM	270.1	LIC	BLTT -20030403AAN
46	K46HY-D	SOCORRO NM	170.3	LIC	BLDTT -20060901ABN
47	KTDO	LAS CRUCES NM	126.8	LIC	BLCDT -20090612ABA
47	KGDR-LP	RUIDOSO NM	64.6	LIC	BLTT -19950502IF
46	K46FE	ARTESIA NM	156.9	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.
46	K46GU	DEMING NM	BDFCDTT -20091207AAB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
45	K45HJ	CABALLO NM	93.1	APP	BDFCDTL -20090126AGA
46	KUVE-DT	GREEN VALLEY AZ	292.9	LIC	BLCDT -20090618AAE
46	KUVE-DT	GREEN VALLEY AZ	292.9	APP	BPCDT -20110629ADT
46	KUVE-DT	GREEN VALLEY AZ	292.9	CP MOD	BMPCDT -20080618ATO
46	KUVE-DT	GREEN VALLEY AZ	329.9	APP	BPCDT -20110629ADT
46	NEW	ALAMAGORDO NM	176.1	APP	BNPDTT -20100518ACN
46	K66EE	HORSE SPRINGS NM	176.7	CP	BDISDTL -20090904ACU
46	K46GY	SANTA FE NM	352.3	LIC	BLTT -20030403AAN
47	KTDO	LAS CRUCES NM	114.6	LIC	BLCDT -20090612ABA
46	K46FE	ARTESIA NM	325.7	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 9

OET-69 Interference Analysis, K46FE-D (digital flash-cut), Artesia, NM, Ch. 46

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	LIC	BLEDT	-20101008AAQ
46	KUVE-DT	GREEN VALLEY AZ	293.0	LIC	BLCDT	-20090618AAE
46	KUVE-DT	GREEN VALLEY AZ	293.0	APP	BPCDT	-20110629ADT
46	KUVE-DT	GREEN VALLEY AZ	293.0	CP MOD	BMPCDT	-20080618ATO
46	KUVE-DT	GREEN VALLEY AZ	329.9	APP	BPCDT	-20110629ADT
47	KTDO	LAS CRUCES NM	114.5	LIC	BLCDT	-20090612ABA
46	K46FE	ARTESIA NM	325.6	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
46	K66EE	HORSE SPRINGS NM	BDISDTL	-20090904ACU

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
45	K45HJ	CABALLO NM	106.6	APP	BDFCDTL	-20090126AGA
46	KUVE-DT	GREEN VALLEY AZ	306.1	LIC	BLCDT	-20090618AAE
46	KUVE-DT	GREEN VALLEY AZ	306.1	APP	BPCDT	-20110629ADT
46	KUVE-DT	GREEN VALLEY AZ	306.1	CP MOD	BMPCDT	-20080618ATO
46	KUVE-DT	GREEN VALLEY AZ	347.9	APP	BPCDT	-20110629ADT
46	NEW	ALAMAGORDO NM	210.5	APP	BNPDTT	-20100518ACN
46	K46GU	DEMING NM	176.7	CP	BDFCDTT	-20091207AAB
46	K46GU	DEMING NM	176.7	LIC	BLTT	-20050726ACW
46	K46FI	GRANTS NM	166.4	LIC	BLTT	-20010814AAD
46	K46FI	GRANTS NM	166.4	CP	BDFCDTT	-20081222AAR
46	K46GY	SANTA FE NM	205.6	LIC	BLTT	-20030403AAN
46	K46HY-D	SOCORRO NM	88.8	LIC	BLDTT	-20060901ABN
46	K46FE	ARTESIA NM	355.7	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.
46	K46HM	LOVINGTON NM	BLTT	-20060221AAO

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
42	KMLM-DT	ODESSA TX	138.5	LIC	BLCDT	-20081231AAS
45	K45IL-D	HOBBS NM	32.6	LIC	BLDTT	-20090914ABY
46	K46FE	ARTESIA NM	81.8	LIC	BLTT	-20001024AAB
46	K46FE	ARTESIA NM	81.8	CP	BDFCDTT	-20070824ADR
46	K46FE	ARTESIA NM	81.9	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 12

Analysis of current record

OET-69 Interference Analysis, K46FE-D (digital flash-cut), Artesia, NM, Ch. 46

Channel	Call	City/State	Application Ref. No.
46	K46GY	SANTA FE NM	BLTT -20030403AAN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
42	KLUZ-TV	ALBUQUERQUE NM	0.3	LIC	BLCDT -20070823AAK
45	KASY-TV	ALBUQUERQUE NM	0.1	LIC	BLCDT -20030429ABF
46	K46FI	GRANTS NM	104.1	LIC	BLTT -20010814AAD
46	K46FI	GRANTS NM	104.1	CP	BDFCDTT -20081222AAR
46	K46HY-D	SOCORRO NM	135.3	LIC	BLDTT -20060901ABN
47	KTEL-LP	ALBUQUERQUE NM	0.0	CP	BDFCDTL -20080303ALE
47	KTEL-LP	ALBUQUERQUE NM	0.0	LIC	BLTTL -20071025AAD
46	K46FE	ARTESIA NM	339.2	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.
46	K46HY-D	SOCORRO NM	BLDTT -20060901ABN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
46	NEW	ALAMAGORDO NM	170.3	APP	BNPDTT -20100518ACN
46	K46FI	GRANTS NM	143.5	LIC	BLTT -20010814AAD
46	K46FI	GRANTS NM	143.5	CP	BDFCDTT -20081222AAR
46	K66EE	HORSE SPRINGS NM	88.8	CP	BDISDTL -20090904ACU
46	K46GY	SANTA FE NM	135.3	LIC	BLTT -20030403AAN
46	K46FE	ARTESIA NM	292.3	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.
46	K46BU	TUCUMCARI NM	BLTT -19890713IG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
46	K46GY	SANTA FE NM	250.4	LIC	BLTT -20030403AAN
46	KZBZ-LP	CANYON TX	161.2	LIC	BLTTL -20090410AQQ
46	K46FE	ARTESIA NM	264.9	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.
46	K46BU	TUCUMCARI NM	BDFCDTT -20091201AME

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
46	K46BY	CAPULIN, ETC. NM	175.1	CP	BDFCDTT -20111011AFZ
46	K46GY	SANTA FE NM	250.1	LIC	BLTT -20030403AAN
46	KZBZ-LP	CANYON TX	161.4	LIC	BLTTL -20090410AQQ
46	K46FE	ARTESIA NM	264.6	APP	USERRECORD-01

Proposal causes no interference

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OET-69 Interference Analysis, K46FE-D (digital flash-cut), Artesia, NM, Ch. 46

Analysis of Interference to Affected Station 16

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
46	KZBZ-LP	CANYON TX	BLTTL	-20090410AQQ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
46	K46BU	TUCUMCARI NM	161.2	LIC	BLTT	-19890713IG
46	KXTQ-CA	LUBBOCK TX	164.7	LIC	BLTTA	-20081203AAA
47	K47MS-D	AMARILLO TX	26.5	CP	BNPDTL	-20091218AFH
61	KEAM-LP	AMARILLO TX	41.3	LIC	BLTTL	-20090505ACD
46	K46FE	ARTESIA NM	321.2	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 17

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
46	NEW	KENT TX	BNPDTL	-20100406ACE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
46	K46FE	ARTESIA NM	193.0	LIC	BLTT	-20001024AAB
46	K46FE	ARTESIA NM	193.0	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 18

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
46	KXTQ-CA	LUBBOCK TX	BDFCDTA	-20080604ACE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
46	KZBZ-LP	CANYON TX	164.7	LIC	BLTTL	-20090410AQQ
46	NEW	SWEETWATER TX	177.2	APP	BMJADTL	-20100524AIL
46	K46FE	ARTESIA NM	231.2	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 19

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
46	KXTQ-CA	LUBBOCK TX	BLTTA	-20081203AAA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
39	KTTZ-TV	LUBBOCK TX	9.0	CP	BPEDT	-20080619AFE
39	KTTZ-TV	LUBBOCK TX	9.0	LIC	BLEDT	-20031124AOZ
43	KLCW-TV	WOLFFORTH TX	0.0	CP MOD	BMPCDT	-20080411AAI
43	KLCW-TV	WOLFFORTH TX	0.0	LIC	BLCDT	-20110404AFU
46	KZBZ-LP	CANYON TX	164.7	LIC	BLTTL	-20090410AQQ
46	K46FE	ARTESIA NM	231.2	APP	USERRECORD-01	

Proposal causes no interference

OET-69 Interference Analysis, K46FE-D (digital flash-cut), Artesia, NM, Ch. 46

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Analysis of Interference to Affected Station 20

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
46	K46HN	ODESSA TX	BLTTL	-20061107AEN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
38	KPBT-TV	ODESSA TX	13.0	LIC	BLEDT	-20080819ACX
38	KPBT-TV	ODESSA TX	8.5	CP MOD	BMPEDT	-20111003AHL
42	KMLM-DT	ODESSA TX	17.7	LIC	BLCDT	-20081231AAS
45	NEW	ODESSA-MIDLAND TX	17.5	APP	BNPDTL	-20100927AGC
47	NEW	MIDLAND TX	26.8	APP	BMJADTL	-20100524AEB
47	NEW	ODESSA TX	28.0	APP	BNPDTL	-20100714AAK
46	K46FE	ARTESIA NM	209.4	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 21

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
46	K46LP-D	OZONA TX	BNPDTL	-20100329ACO

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
45	K45MC-D	OZONA TX	0.0	CP	BNPDTL	-20100329ACN
46	KNCT	BELTON TX	334.0	LIC	BLEDT	-20100322ACY
47	K47NP-D	OZONA TX	0.0	CP	BNPDTL	-20100329ACT
46	K46FE	ARTESIA NM	373.1	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 22

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
46	NEW	SWEETWATER TX	BMJADTL	-20100524AIL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
45	K45LY-D	WESTBROOK TX	53.4	CP	BNPDTL	-20100310ACI
46	KZAB-LP	ABILENE TX	65.5	LIC	BLTTL	-20080124AET
46	KNCT	BELTON TX	311.6	LIC	BLEDT	-20100322ACY
46	KTXD-TV	GREENVILLE TX	325.7	LIC	BLCDT	-20040414ACS
46	KXTQ-CA	LUBBOCK TX	177.2	CP	BDFCDTA	-20080604ACE
46	KXTQ-CA	LUBBOCK TX	177.2	LIC	BLTTA	-20081203AAA
47	K47IP	SNYDER TX	79.0	CP	BDFCDTT	-20080806ACE
46	K46FE	ARTESIA NM	355.4	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 23

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	K47FX	CARLSBAD NM	BMPDTT	-20120521ABZ

OET-69 Interference Analysis, K46FE-D (digital flash-cut), Artesia, NM, Ch. 46

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
46	K46FE	ARTESIA NM	35.5	LIC	BLTT	-20001024AAB
46	K46FE	ARTESIA NM	35.5	CP	BDFCDTT	-20070824ADR
47	KTDO	LAS CRUCES NM	227.5	LIC	BLCDT	-20090612ABA
47	KGDR-LP	RUIDOSO NM	180.3	LIC	BLTT	-19950502IF
47	NEW	ODESSA TX	170.9	APP	BNPDTL	-20100714AAK
46	K46FE	ARTESIA NM	35.5	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 24

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	K47FX	CARLSBAD NM	BLTT	-20050603AAI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
46	K46FE	ARTESIA NM	35.5	CP	BDFCDTT	-20070824ADR
47	KTDO	LAS CRUCES NM	227.5	LIC	BLCDT	-20090612ABA
47	KGDR-LP	RUIDOSO NM	180.3	LIC	BLTT	-19950502IF
46	K46FE	ARTESIA NM	35.5	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 25

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	K47DH	CLOVIS NM	BLTT	-19910712JL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
47	KTEL-LP	ALBUQUERQUE NM	307.9	LIC	BLTTL	-20071025AAD
46	K46FE	ARTESIA NM	205.0	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 26

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	KGDR-LP	RUIDOSO NM	BLTT	-19950502IF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
46	NEW	ALAMAGORDO NM	64.6	APP	BNPDTT	-20100518ACN
47	KTEL-LP	ALBUQUERQUE NM	210.4	CP	BDFCDTL	-20080303ALE
47	KTEL-LP	ALBUQUERQUE NM	210.4	LIC	BLTTL	-20071025AAD
47	K47FX	CARLSBAD NM	180.3	LIC	BLTT	-20050603AAI
47	KTDO	LAS CRUCES NM	189.4	LIC	BLCDT	-20090612ABA
47	K46GY	SANTA FE NM	210.4	CP	BDISDTL	-20100308AAZ
46	K46FE	ARTESIA NM	161.5	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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OET-69 Interference Analysis, K46FE-D (digital flash-cut), Artesia, NM, Ch. 46

Analysis of Interference to Affected Station 27

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	NEW	ODESSA TX	BNPDTL	-20100714AAK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
46	K46HN	ODESSA TX	28.0	LIC	BLTTL	-20061107AEN
47	K47FX	CARLSBAD NM	170.9	LIC	BLTT	-20050603AAI
47	KTDO	LAS CRUCES NM	372.5	LIC	BLCDT	-20090612ABA
47	NEW	MIDLAND TX	54.8	APP	BMJADTL	-20100524AEB
47	NEW	SAN ANGELO TX	193.4	APP	BNPTTL	-20000831AYD
47	K47IP	SNYDER TX	183.2	LIC	BLTT	-20060222AAF
47	K47IP	SNYDER TX	176.7	CP	BDFCDTT	-20080806ACE
48	NEW	ODESSA TX	35.5	APP	BMJADTL	-20100524ACX
46	K46FE	ARTESIA NM	188.7	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 28

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
49	K49ES	CARLSBAD NM	BLTT	-20000707AEJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
49	K49EW	RUIDOSO NM	176.6	LIC	BLTT	-20000726AAU
50	K50IP	CARLSBAD NM	5.2	CP	BPTTL	-20090529ANZ
46	K46FE	ARTESIA NM	40.1	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 29

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
50	K50IP	CARLSBAD NM	BLTTL	-20080910ACH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
49	K49ES	CARLSBAD NM	3.7	LIC	BLTT	-20000707AEJ
50	K50GM	HOBBS NM	113.1	LIC	BLTT	-20030716ADQ
50	K50IA	ROSWELL NM	110.9	LIC	BLTTL	-20040527AEN
50	KUME-LP	MIDLAND/ODESSA TX	187.9	LIC	BLTTL	-20091215ACE
46	K46FE	ARTESIA NM	41.6	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 30

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
50	K50IP	CARLSBAD NM	BPTTL	-20090529ANZ

OET-69 Interference Analysis, K46FE-D (digital flash-cut), Artesia, NM, Ch. 46

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
49	K49ES	CARLSBAD NM	5.2	LIC	BLTT	-20000707AEJ
50	K50GM	HOBBS NM	111.2	LIC	BLTT	-20030716ADQ
50	K50IA	ROSWELL NM	111.1	APP	BDFCDTL	-20120320ABC
50	K50IA	ROSWELL NM	111.1	LIC	BLTTL	-20040527AEN
50	KUME-LP	MIDLAND/ODESSA TX	186.2	LIC	BLTTL	-20091215ACE
46	K46FE	ARTESIA NM	41.1	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.
50	K50IP	CARLSBAD NM	BPTTL	-20090512ABP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
49	K49ES	CARLSBAD NM	7.2	LIC	BLTT	-20000707AEJ
50	K50GM	HOBBS NM	111.8	LIC	BLTT	-20030716ADQ
50	K50IA	ROSWELL NM	114.2	LIC	BLTTL	-20040527AEN
50	KUME-LP	MIDLAND/ODESSA TX	185.0	LIC	BLTTL	-20091215ACE
46	K46FE	ARTESIA NM	44.1	APP	USERRECORD-01	

Proposed station is beyond the site to
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.
50	K50GM	HOBBS NM	BLTT	-20030716ADQ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
42	KMLM-DT	ODESSA TX	112.3	LIC	BLCDT	-20081231AAS
43	KLCW-TV	WOLFFORTH TX	140.6	CP MOD	BMPCDT	-20080411AAI
43	KLCW-TV	WOLFFORTH TX	140.6	LIC	BLCDT	-20110404AFU
50	KUME-LP	MIDLAND/ODESSA TX	112.7	APP	BMPDTL	-20100607AAC
50	KUME-LP	MIDLAND/ODESSA TX	112.7	LIC	BLTTL	-20091215ACE
46	K46FE	ARTESIA NM	101.9	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 33

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
50	K50IA	ROSWELL NM	BLTTL	-20040527AEN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
46	K46FE	ARTESIA NM	74.8	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

OET-69 Interference Analysis, K46FE-D (digital flash-cut), Artesia, NM, Ch. 46

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Analysis of Interference to Affected Station 34

Analysis of current record

Channel	Call	City/State	Application Ref. No.
46	K46FE	ARTESIA NM	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
45	K45GJ	CARLSBAD NM	40.1	CP	BDFCDTT -20090824ADI
46	NEW	ALAMAGORDO NM	156.9	APP	BNPDTT -20100518ACN
46	K46HM	LOVINGTON NM	81.9	LIC	BLTT -20060221AAO
47	K47FX	CARLSBAD NM	35.5	CP MOD	BMPDTT -20120521ABZ
47	K47FX	CARLSBAD NM	35.5	LIC	BLTT -20050603AAI

Total scenarios = 1

Result key: 1
Scenario 1 Affected station 34
Before Analysis

Results for: 46A NM ARTESIA USERRECORD01 APP
HAAT 119.0 m, ATV ERP 0.4 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	15569	1951.1
not affected by terrain losses	15569	1951.1
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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