

# OET-69 Interference Analysis, K47FX-D, Carlsbad, NM, Channel 47

Percent allowed new interference: 0.500  
Percent allowed new interference to non Class A LPTV: 2.000  
TW Census data selected 2000  
Data Base Selected  
/export/home/cdbs/pt\_tvdb.sff  
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 05-17-2012

Record Selected for Analysis

K47FX USERRECORD-01 CARLSBAD NM US  
Channel 47 ERP 0.4 kW HAAT 79. m RCAMSL 01061 m STRINGENT MASK  
Latitude 032-28-28 Longitude 0104-11-54  
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	65.7	19.8	
45.0	0.400	73.9	20.9	
90.0	0.400	71.5	20.6	
135.0	0.400	113.5	25.5	
180.0	0.400	107.6	25.0	
225.0	0.400	69.3	20.3	
270.0	0.400	60.7	19.1	
315.0	0.400	69.8	20.4	

Contour Overlap to Proposed Station

K47FX Station  
47 CARLSBAD NM BLTT20050603AAI

Station inside contour of Digital LPTV station  
K47FX 47 CARLSBAD 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 = 203.7km

Proposed station is OK toward AM broadcast stations

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Start of Interference Analysis

Channel	Call	Proposed Station City/State	ARN
47	K47FX	CARLSBAD NM	USERRECORD01

Stations Potentially Affected by Proposed Station

# OET-69 Interference Analysis, K47FX-D, Carlsbad, NM, Channel 47

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
45	K45GJ	CARLSBAD NM	8.5	LIC	BLTT	-20030702AAH
45	K45JA	HOBBS NM	98.0	LIC	BLTTL	-20090312ABQ
46	NEW	ALAMAGORDO NM	162.9	APP	BNPDTT	-20100518ACN
46	K46FE	ARTESIA NM	35.5	CP	BDFCDTT	-20070824ADR
46	K46FE	ARTESIA NM	35.5	LIC	BLTT	-20001024AAB
46	K46HM	LOVINGTON NM	94.4	LIC	BLTT	-20060221AAO
46	NEW	KENT TX	157.5	APP	BNPDTL	-20100406ACE
46	K46HN	ODESSA TX	194.5	LIC	BLTTL	-20061107AEN
47	KTEL-LP	ALBUQUERQUE NM	368.7	CP	BDFCDTL	-20080303ALE
47	KTEL-LP	ALBUQUERQUE NM	368.7	LIC	BLTTL	-20071025AAD
47	K47DH	CLOVIS NM	236.9	LIC	BLTT	-19910712JL
47	KTDO	LAS CRUCES NM	227.5	LIC	BLCDT	-20090612ABA
47	K47GV-D	LAS VEGAS NM	361.4	LIC	BLDTT	-20110727AGG
47	KGDR-LP	RUIDOSO NM	180.3	LIC	BLTT	-19950502IF
47	K46GY	SANTA FE NM	368.7	CP	BDISDTL	-20100308AAZ
47	K47MS-D	AMARILLO TX	373.8	CP	BNPDTL	-20091218AFH
47	K47BQ-D	CLARENDON TX	405.2	LIC	BLDTT	-20110803AAR
47	NEW	MIDLAND TX	216.9	APP	BMJADTL	-20100524AEB
47	NEW	ODESSA TX	170.9	APP	BNPDTL	-20100714AAK
47	K47NP-D	OZONA TX	351.8	CP	BNPDTL	-20100329ACT
47	NEW	SAN ANGELO TX	360.6	APP	BNPTTL	-20000831AYD
47	K47IP	SNYDER TX	292.4	CP	BDFCDTT	-20080806ACE
47	K47IP	SNYDER TX	309.2	LIC	BLTT	-20060222AAF
48	K48MH-D	ROSWELL NM	104.4	LIC	BLDTT	-20110826ABV
48	NEW	ODESSA TX	184.8	APP	BMJADTL	-20100524ACX
49	K49ES	CARLSBAD NM	8.5	LIC	BLTT	-20000707AEJ
50	K50IP	CARLSBAD NM	7.4	LIC	BLTTL	-20080910ACH
50	K50IP	CARLSBAD NM	6.1	CP	BPTTL	-20090529ANZ
50	K50IP	CARLSBAD NM	8.8	APP	BPTTL	-20090512ABP
50	K50GM	HOBBS NM	106.9	LIC	BLTT	-20030716ADQ
50	K50IA	ROSWELL NM	106.9	LIC	BLTTL	-20040527AEN

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## 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
47	K47FX	CARLSBAD NM	8.5	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	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	97.5	CP MOD	BMPEDT	-20111003AHL
38	KPBT-TV	ODESSA TX	96.6	LIC	BLEDT	-20080819ACX
42	KMLM-DT	ODESSA TX	91.1	LIC	BLCDT	-20081231AAS
45	K45GJ	CARLSBAD NM	105.4	LIC	BLTT	-20030702AAH
45	K45IL-D	HOBBS NM	32.5	LIC	BLDTT	-20090914ABY
45	NEW	ODESSA-MIDLAND TX	91.6	APP	BNPDTL	-20100927AGC
47	K47FX	CARLSBAD NM	98.0	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

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## Analysis of Interference to Affected Station 3

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.

# OET-69 Interference Analysis, K47FX-D, Carlsbad, NM, Channel 47

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	CP	BDFCDTT	-20070824ADR
46	K46FE	ARTESIA NM	157.0	LIC	BLTT	-20001024AAB
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
47	K47FX	CARLSBAD NM	162.9	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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## Analysis of Interference to Affected Station 4

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
46	K46FE	ARTESIA NM	BDFCDTT	-20070824ADR

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
45	K45GJ	CARLSBAD NM	40.1	CP	BDFCDTT	-20090824ADI
45	K45GJ	CARLSBAD NM	40.1	LIC	BLTT	-20030702AAH
46	NEW	ALAMAGORDO NM	157.0	APP	BNPDTT	-20100518ACN
46	K46HM	LOVINGTON NM	81.8	LIC	BLTT	-20060221AAO
46	K46GY	SANTA FE NM	339.2	LIC	BLTT	-20030403AAN
46	KXTQ-CA	LUBBOCK TX	231.1	LIC	BLTTA	-20081203AAA
47	K47FX	CARLSBAD NM	35.5	LIC	BLTT	-20050603AAI
47	K47FX	CARLSBAD NM	35.5	CP	BDFCDTT	-20070824ADS
47	K47FX	CARLSBAD NM	35.5	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.
46	K46FE	ARTESIA NM	BLTT	-20001024AAB

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
46	NEW	ALAMAGORDO NM	157.0	APP	BNPDTT	-20100518ACN
47	K47FX	CARLSBAD NM	35.5	CP	BDFCDTT	-20070824ADS
47	K47FX	CARLSBAD NM	35.5	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.
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	CP	BDFCDTT	-20070824ADR
46	K46FE	ARTESIA NM	81.8	LIC	BLTT	-20001024AAB
47	K47FX	CARLSBAD NM	94.4	APP	USERRECORD-01	

Proposal causes no interference

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## OET-69 Interference Analysis, K47FX-D, Carlsbad, NM, Channel 47

### Analysis of Interference to Affected Station 7

#### 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
47	K47FX	CARLSBAD NM	157.5	APP	USERRECORD-01

Proposed station is beyond the site to  
nearest cell evaluation distance

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### Analysis of Interference to Affected Station 8

#### 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	8.5	CP MOD	BMPEDT -20111003AHL
38	KPBT-TV	ODESSA TX	13.0	LIC	BLEDT -20080819ACX
42	KMLM-DT	ODESSA TX	17.7	LIC	BLCDDT -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
47	K47FX	CARLSBAD NM	194.5	APP	USERRECORD-01

Proposed station is beyond the site to  
nearest cell evaluation distance

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### Analysis of Interference to Affected Station 9

#### Analysis of current record

Channel	Call	City/State	Application Ref. No.
47	KTEL-LP	ALBUQUERQUE NM	BDFCDTL -20080303ALE

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
46	K46FI	GRANTS NM	104.1	CP	BDFCDTT -20081222AAR
46	K46GY	SANTA FE NM	0.0	LIC	BLTT -20030403AAN
47	K47KC	ROMEO CO	187.0	CP	BDFCDTL -20090824ACE
47	K47KC	ROMEO CO	187.0	CP	BPTTL -20090526AFR
47	K47DR	FARMINGTON NM	226.6	LIC	BLTTL -19951211JA
47	K47DR	FARMINGTON NM	226.6	CP	BDFCDTL -20110223ACC
47	KTDO	LAS CRUCES NM	378.9	LIC	BLCDDT -20090612ABA
47	K47GV-D	LAS VEGAS NM	116.3	LIC	BLDTT -20110727AGG
47	KGDR-LP	RUIDOSO NM	210.4	LIC	BLTT -19950502IF
47	K46GY	SANTA FE NM	0.0	CP	BDISDTL -20100308AAZ
47	K47MQ-D	SANTA FE NM	104.5	CP	BNPDTL -20091014AAX
48	KTFA-LP	ALBUQUERQUE NM	0.3	LIC	BLTTL -20031212ABM
48	KTFA-LP	ALBUQUERQUE NM	0.3	CP	BDFCDTL -20120410ABQ
48	K48GD	GALLINA NM	115.3	CP	BDFCDTT -20090824AIS
47	K47FX	CARLSBAD NM	368.7	APP	USERRECORD-01

Proposal causes no interference

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### Analysis of Interference to Affected Station 10

#### Analysis of current record

Channel	Call	City/State	Application Ref. No.
47	KTEL-LP	ALBUQUERQUE NM	BLTTL -20071025AAD

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
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## OET-69 Interference Analysis, K47FX-D, Carlsbad, NM, Channel 47

45	KASY-TV	ALBUQUERQUE NM	0.1	LIC	BLCDDT	-20030429ABF
46	K46FI	GRANTS NM	104.1	CP	BDFCDTT	-20081222AAR
46	K46GY	SANTA FE NM	0.0	LIC	BLTT	-20030403AAN
47	K47KC	ROMEO CO	187.0	CP	BDFCDTL	-20090824ACE
47	K47KC	ROMEO CO	187.0	CP	BPTTL	-20090526AFR
47	KTDO	LAS CRUCES NM	378.9	LIC	BLCDDT	-20090612ABA
47	K47GV-D	LAS VEGAS NM	116.3	LIC	BLDDT	-20110727AGG
47	KGDR-LP	RUIDOSO NM	210.4	LIC	BLTT	-19950502IF
47	K46GY	SANTA FE NM	0.0	CP	BDISDTL	-20100308AAZ
47	K47MQ-D	SANTA FE NM	104.5	CP	BNPDTL	-20091014AAX
48	KTFA-LP	ALBUQUERQUE NM	0.3	LIC	BLTTL	-20031212ABM
48	KTFA-LP	ALBUQUERQUE NM	0.3	CP	BDFCDTL	-20120410ABQ
47	K47FX	CARLSBAD NM	368.7	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.
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
47	K47FX	CARLSBAD NM	236.9	APP	USERRECORD-01

Proposal causes no interference

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### Analysis of Interference to Affected Station 12

#### Analysis of current record

Channel	Call	City/State	Application Ref. No.
47	KTDO	LAS CRUCES NM	BLCDDT -20090612ABA

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
47	K47FX	CARLSBAD NM	227.5	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.
47	K47GV-D	LAS VEGAS NM	BLDDT -20110727AGG

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
47	K47MP-D	HOEHNE CO	185.4	CP	BNPDTT -20090908AAT
47	K47KC	ROMEO CO	155.2	CP	BDFCDTL -20090824ACE
47	K47KC	ROMEO CO	155.2	CP	BPTTL -20090526AFR
47	KTEL-LP	ALBUQUERQUE NM	116.3	CP	BDFCDTL -20080303ALE
47	KTEL-LP	ALBUQUERQUE NM	116.3	LIC	BLTTL -20071025AAD
47	K46GY	SANTA FE NM	116.3	CP	BDISDTL -20100308AAZ
47	K47MQ-D	SANTA FE NM	87.8	CP	BNPDTL -20091014AAX
48	KTFA-LP	ALBUQUERQUE NM	116.3	CP	BDFCDTL -20120410ABQ
47	K47FX	CARLSBAD NM	361.4	APP	USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

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### Analysis of Interference to Affected Station 14

#### Analysis of current record

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

## OET-69 Interference Analysis, K47FX-D, Carlsbad, NM, Channel 47

### 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
47	K47FX	CARLSBAD NM	180.3	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.
47	K46GY	SANTA FE NM	BDISDTL	-20100308AAZ

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
46	K46FI	GRANTS NM	104.1	CP	BDFCDTT	-20081222AAR
47	K47KC	ROMEO CO	187.0	CP	BDFCDTL	-20090824ACE
47	K47KC	ROMEO CO	187.0	CP	BPTTL	-20090526AFR
47	KTEL-LP	ALBUQUERQUE NM	0.0	CP	BDFCDTL	-20080303ALE
47	KTEL-LP	ALBUQUERQUE NM	0.0	LIC	BLTTL	-20071025AAD
47	K47DR	FARMINGTON NM	226.6	LIC	BLTTL	-19951211JA
47	K47DR	FARMINGTON NM	226.6	CP	BDFCDTL	-20110223ACC
47	KTDO	LAS CRUCES NM	378.9	LIC	BLCDT	-20090612ABA
47	K47GV-D	LAS VEGAS NM	116.3	LIC	BLDTT	-20110727AGG
47	KGDR-LP	RUIDOSO NM	210.4	LIC	BLTT	-19950502IF
47	K47MQ-D	SANTA FE NM	104.5	CP	BNPDTL	-20091014AAX
48	KTFA-LP	ALBUQUERQUE NM	0.3	LIC	BLTTL	-20031212ABM
48	KTFA-LP	ALBUQUERQUE NM	0.3	CP	BDFCDTL	-20120410ABQ
48	K48GD	GALLINA NM	115.3	CP	BDFCDTT	-20090824AIS
47	K47FX	CARLSBAD NM	368.7	APP	USERRECORD-01	

Proposal causes no interference

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### Analysis of Interference to Affected Station 16

#### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	K47MS-D	AMARILLO TX	BNPDTL	-20091218AFH

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
46	KZBZ-LP	CANYON TX	26.5	LIC	BLTTL	-20090410AQQ
47	K47DH	CLOVIS NM	151.4	LIC	BLTT	-19910712JL
47	K47BQ-D	CLARENDON TX	89.4	LIC	BLDTT	-20110803AAR
47	K47GM-D	NEW MOBEETIE TX	127.8	LIC	BLDTT	-20100817ABI
48	NEW	AMARILLO TX	15.4	APP	BSFDTL	-20060630CCJ
47	K47FX	CARLSBAD NM	373.8	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.
47	K47BQ-D	CLARENDON TX	BLDTT	-20110803AAR

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
47	K47LS-D	HOLLIS OK	103.9	LIC	BLDTT	-20100802AZC
47	K47MS-D	AMARILLO TX	89.4	CP	BNPDTL	-20091218AFH
47	K47GM-D	NEW MOBEETIE TX	86.1	LIC	BLDTT	-20100817ABI
47	K47FX	CARLSBAD NM	405.2	APP	USERRECORD-01	

Proposal causes no interference

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## OET-69 Interference Analysis, K47FX-D, Carlsbad, NM, Channel 47

### Analysis of Interference to Affected Station 18

#### Analysis of current record

Channel	Call	City/State	Application Ref. No.
47	NEW	MIDLAND TX	BMJADTL -20100524AEB

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
46	K46HN	ODESSA TX	26.8	LIC	BLTTL -20061107AEN
47	NEW	ODESSA TX	54.8	APP	BNPDTL -20100714AAK
47	NEW	SAN ANGELO TX	143.7	APP	BNPTTL -20000831AYD
47	K47IP	SNYDER TX	130.8	CP	BDFCDTT -20080806ACE
47	K47IP	SNYDER TX	133.4	LIC	BLTT -20060222AAF
48	NEW	ODESSA TX	32.6	APP	BMJADTL -20100524ACX
47	K47FX	CARLSBAD NM	216.9	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.
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	K47FX	CARLSBAD NM	170.9	CP	BDFCDTT -20070824ADS
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	176.7	CP	BDFCDTT -20080806ACE
47	K47IP	SNYDER TX	183.2	LIC	BLTT -20060222AAF
48	NEW	ODESSA TX	35.5	APP	BMJADTL -20100524ACX
47	K47FX	CARLSBAD NM	170.9	APP	USERRECORD-01

Proposal causes no interference

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### Analysis of Interference to Affected Station 20

#### Analysis of current record

Channel	Call	City/State	Application Ref. No.
47	K47NP-D	OZONA TX	BNPDTL -20100329ACT

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
46	K46LP-D	OZONA TX	0.0	CP	BNPDTL -20100329ACO
47	NEW	MIDLAND TX	161.4	APP	BMJADTL -20100524AEB
47	NEW	ODESSA TX	185.5	APP	BNPDTL -20100714AAK
47	NEW	SAN ANGELO TX	113.4	APP	BNPTTL -20000831AYD
48	K48NI-D	OZONA TX	0.0	CP	BNPDTL -20100329ACV
47	K47FX	CARLSBAD NM	351.8	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.
47	NEW	SAN ANGELO TX	BNPTTL -20000831AYD

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
47	NEW	MIDLAND TX	143.7	APP	BMJADTL -20100524AEB
48	NEW	SAN ANGELO TX	16.4	APP	BNPDTL -20100510ALG
47	K47FX	CARLSBAD NM	360.6	APP	USERRECORD-01

Proposed station is beyond the site to

## OET-69 Interference Analysis, K47FX-D, Carlsbad, NM, Channel 47

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.
47	K47IP	SNYDER TX	BDFCDTT -20080806ACE

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
47	NEW	MIDLAND TX	130.8	APP	BMJADTL -20100524AEB
47	NEW	ODESSA TX	176.7	APP	BNPDTL -20100714AAK
47	NEW	SAN ANGELO TX	154.5	APP	BNPTTL -20000831AYD
47	K47FX	CARLSBAD NM	292.4	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.
47	K47IP	SNYDER TX	BLTT -20060222AAF

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
39	KTZ-TV	LUBBOCK TX	128.9	LIC	BLEDT -20031124AOZ
39	KTZ-TV	LUBBOCK TX	128.9	CP	BPEDT -20080619AFE
40	KLK-TV	LUBBOCK TX	123.1	LIC	BLCDT -20080227ABM
43	KLCW-TV	WOLFFORTH TX	121.6	LIC	BLCDT -20110404AFU
43	KLCW-TV	WOLFFORTH TX	121.6	CP MOD	BMPCDT -20080411AAI
47	NEW	SAN ANGELO TX	135.3	APP	BNPTTL -20000831AYD
47	K47FX	CARLSBAD NM	309.2	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.
48	K48MH-D	ROSWELL NM	BLDTT -20110826ABV

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
48	KTFA-LP	ALBUQUERQUE NM	276.7	LIC	BLTTL -20031212ABM
48	KTFA-LP	ALBUQUERQUE NM	276.7	CP	BDFCDTL -20120410ABQ
48	K48GY	CARRIZOZO, ETC. NM	179.3	LIC	BLTT -20060714ABA
48	K48IK	EL PASO TX	266.2	LIC	BLTT -20040212AAF
47	K47FX	CARLSBAD NM	104.4	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.
48	NEW	ODESSA TX	BMJADTL -20100524ACX

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
47	NEW	MIDLAND TX	32.6	APP	BMJADTL -20100524AEB
47	NEW	ODESSA TX	35.5	APP	BNPDTL -20100714AAK
48	KLBB-LP	LUBBOCK TX	162.1	LIC	BLTTL -20071009AKW
48	KLBB-LP	LUBBOCK TX	162.1	CP	BDFCDTL -20100810AAX
49	KTLD-LP	ODESSA TX	25.1	LIC	BLTTL -19920414IB
47	K47FX	CARLSBAD NM	184.8	APP	USERRECORD-01

Proposed station is beyond the site to



## OET-69 Interference Analysis, K47FX-D, Carlsbad, NM, Channel 47

nearest cell evaluation distance

#####

### Analysis of Interference to Affected Station 26

#### 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
47	K47FX	CARLSBAD NM	8.5	APP	USERRECORD-01

Proposal causes no interference

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### Analysis of Interference to Affected Station 27

#### 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
47	K47FX	CARLSBAD NM	7.4	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.
50	K50IP	CARLSBAD NM	BPTTL -20090529ANZ

#### 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
47	K47FX	CARLSBAD NM	6.1	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	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
47	K47FX	CARLSBAD NM	8.8	APP	USERRECORD-01

Proposal causes no interference

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## OET-69 Interference Analysis, K47FX-D, Carlsbad, NM, Channel 47

Analysis of Interference to Affected Station 30

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	LIC	BLCDT -20110404AFU
43	KLCW-TV	WOLFFORTH TX	140.6	CP MOD	BMPCDT -20080411AAI
50	KUME-LP	MIDLAND/ODESSA TX	112.7	LIC	BLTTL -20091215ACE
50	KUME-LP	MIDLAND/ODESSA TX	112.7	APP	BMPDTL -20100607AAC
47	K47FX	CARLSBAD NM	106.9	APP	USERRECORD-01

Proposed station is beyond the site to  
nearest cell evaluation distance

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Analysis of Interference to Affected Station 31

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.
47	K47FX	CARLSBAD NM	106.9	APP	USERRECORD-01

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 32

Analysis of current record

Channel	Call	City/State	Application Ref. No.
47	K47FX	CARLSBAD NM	USERRECORD-01

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
47	NEW	ODESSA TX	170.9	APP	BNPDTL -20100714AAK

Total scenarios = 1

Result key: 1

Scenario 1 Affected station 32

Before Analysis

Results for: 47A NM CARLSBAD USERRECORD01 APP

HAAT 79.0 m, ATV ERP 0.4 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	34422	1349.9
not affected by terrain losses	34422	1344.0
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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