

OET-69 Interference Analysis, K14KO (digital companion), Portales, NM, Channel 15

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: 05-16-2012
Record Selected for Analysis

K14KO USERRECORD-01 PORTALES NM US
Channel 15 ERP 1.79 kW HAAT 91. m RCAMSL 01400 m FULL SERVICE MASK
Latitude 034-26-23 Longitude 0103-12-44
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	1.790	70.5	28.2
45.0	1.790	94.4	31.4
90.0	1.790	113.3	33.3
135.0	1.790	121.9	34.0
180.0	1.790	116.9	33.6
225.0	1.790	93.4	31.3
270.0	1.790	66.6	27.6
315.0	1.790	47.4	24.0

Contour Overlap to Proposed Station

	Station	
K14KO	14 PORTALES	NM BLTT20050927AHI

Station inside contour of Digital LPTV station
K14KO 15 PORTALES NM USERRECORD01

	Station	
K16EX	16 CLOVIS	NM BLTT20040420AAS

Station inside contour of Digital LPTV station
K14KO 15 PORTALES NM USERRECORD01

Contour Overlap Evaluation to Proposed Station Complete

Checks to Site Number 01

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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 beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
15	K14KO	PORTALES NM	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	NEW	HOBBS NM	195.6	APP	BNPDTL -20101012AFA
14	K14KO	PORTALES NM	21.0	LIC	BLTT -20050927AHI
14	K14KO	PORTALES NM	21.0	CP	BDFCDTT -20081222AAO
14	NEW	ROSWELL NM	157.6	APP	BMJADTL -20100524AIG
14	K14NO-D	AMARILLO TX	151.6	CP	BNPDTL -20090825AWH
14	NEW	LUBBOCK TX	169.6	APP	BMJADTL -20100524AFT
14	KMYL-LP	LUBBOCK TX	161.6	LIC	BLTTL -20071009AKT
14	K14OH-D	PLAINVIEW TX	136.9	CP	BNPDTL -20100323AIU
15	K15GL-D	TRINIDAD, VALDEZ, ETC CO	332.3	LIC	BLDTT -20090526AGD
15	NEW	LAS VEGAS NM	227.0	APP	BNPDTT -20100730ADU
15	K15FV-D	RED RIVER NM	316.7	LIC	BLDTT -20101008AAK
15	K15FT-D	ROSWELL NM	157.6	LIC	BLDTT -20091211AEV
15	K15HD-D	TAOS NM	303.2	LIC	BLDTT -20061026ADG
15	K15HQ-D	SAYRE OK	328.9	LIC	BLDTT -20100802BAC
15	KCIT	AMARILLO TX	161.6	LIC	BLCDT -20080519ABV
15	K15IP-D	LAMESA TX	216.9	CP	BNPDTL -20100323AIM
15	NEW	LUBBOCK TX	161.6	APP	BNPDTL -20091022AAD
16	K16EX	CLOVIS NM	0.0	CP	BDFCDTT -20090824AHC
16	K16EX	CLOVIS NM	0.0	LIC	BLTT -20040420AAS
16	K16HB-D	AMARILLO TX	151.9	LIC	BLDTL -20091008ACB
16	KPTB-DT	LUBBOCK TX	161.7	LIC	BLCDT -20090210AFA
17	K17FK	MONTOYA & NEWKIRK NM	103.7	LIC	BLTT -20040412ADF
18	KXVZ-LP	PLAINVIEW TX	132.5	LIC	BLTTL -20061218ABI
22	K22EU	MONTOYA NM	103.7	LIC	BLTT -19951205JD

%%%

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application Ref. No.
14	NEW	HOBBS NM	BNPDTL -20101012AFA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	K63GU	LA LUZ NM	254.8	APP	BDISDTL -20110815ACJ
14	K14KO	PORTALES NM	174.9	LIC	BLTT -20050927AHI
14	NEW	ROSWELL NM	139.5	APP	BMJADTL -20100524AIG
14	NEW	BIG SPRING TX	167.3	APP	BNPDTL -20100107AEH

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14	WTB	EL PASO TX	328.1	APP	BPRM	-20120514ABN
14	KMYL-LP	LUBBOCK TX	150.0	LIC	BLTTTL	-20071009AKT
14	K51LJ-D	MIDLAND TX	113.2	APP	BDISDTL	-20110909ABG
15	K14KO	PORTALES NM	195.6	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.
14	K14KO	PORTALES NM	BLTT -20050927AHI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	KMYL-LP	LUBBOCK TX	151.2	LIC	BLTTTL -20071009AKT
18	KPTF-DT	FARWELL TX	21.0	LIC	BLCDT -20090612AEB
15	K14KO	PORTALES NM	21.0	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.
14	K14KO	PORTALES NM	BDFCDTT -20081222AAO

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	NEW	HOBBS NM	174.9	APP	BNPDTL -20101012AFA
14	NEW	ROSWELL NM	141.3	APP	BMJADTL -20100524AIG
14	K14NO-D	AMARILLO TX	166.3	CP	BNPDTL -20090825AWH
14	KMYL-LP	LUBBOCK TX	151.2	LIC	BLTTTL -20071009AKT
14	K14OH-D	PLAINVIEW TX	136.9	CP	BNPDTL -20100323AIU
15	K14KO	PORTALES NM	21.0	APP	USERRECORD-01

Total scenarios = 1

Result key: 1

Scenario 1 Affected station 3

Before Analysis

Results for: 14A NM PORTALES BDFCDTT 20081222AAO CP

HAAT 245.0 m, ATV ERP 0.9 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	63159	4637.4
not affected by terrain losses	63159	4637.4
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

Potential Interfering Stations Included in above Scenario 1

OET-69 Interference Analysis, K14KO (digital companion), Portales, NM, Channel 15

After Analysis

Results for: 14A NM PORTALES BDFCDTT 20081222AAO CP

HAAT 245.0 m, ATV ERP 0.9 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	63159	4637.4
not affected by terrain losses	63159	4637.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	7	11.8
lost to ATV IX only	7	11.8
lost to all IX	7	11.8

Potential Interfering Stations Included in above Scenario 1

15A NM PORTALES USERRECORD01 APP

Percent new IX = 0.0111%

Worst case new IX 0.0111% Scenario 1

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application Ref. No.
14	NEW	ROSWELL NM	BMJADTL -20100524AIG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	K38IM	ALBUQUERQUE NM	277.2	CP	BDISDTL -20091013AGI
14	NEW	HOBBS NM	139.5	APP	BNPDTL -20101012AFA
14	K63GU	LA LUZ NM	153.0	APP	BDISDTL -20110815ACJ
14	K14KO	PORTALES NM	141.3	LIC	BLTT -20050927AHI
14	K14KO	PORTALES NM	141.3	CP	BDFCDTT -20081222AAO
14	WTB	EL PASO TX	265.3	APP	BPRM -20120514ABN
14	KMYL-LP	LUBBOCK TX	232.4	LIC	BLTTTL -20071009AKT
15	K15FT-D	ROSWELL NM	0.0	LIC	BLDTT -20091211AEV
15	K14KO	PORTALES NM	157.6	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.
14	K14NO-D	AMARILLO TX	BNPDTL -20090825AWH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	K14KO	PORTALES NM	166.2	LIC	BLTT -20050927AHI
14	KMYL-LP	LUBBOCK TX	189.6	LIC	BLTTTL -20071009AKT
14	K14OH-D	PLAINVIEW TX	113.7	CP	BNPDTL -20100323AIU
15	KCIT	AMARILLO TX	15.1	LIC	BLCDT -20080519ABV
15	K14KO	PORTALES NM	151.6	APP	USERRECORD-01

Proposal causes no interference

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OET-69 Interference Analysis, K14KO (digital companion), Portales, NM, Channel 15

Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application Ref. No.
14	NEW	LUBBOCK TX	BMJADTL -20100524AFT

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	NEW	HOBBS NM	146.4	APP	BNPDTL -20101012AFA
14	NEW	BIG SPRING TX	138.3	APP	BNPDTL -20100107AEH
14	KMYL-LP	LUBBOCK TX	9.7	LIC	BLTTL -20071009AKT
14	K14OH-D	PLAINVIEW TX	86.0	CP	BNPDTL -20100323AIU
15	NEW	LUBBOCK TX	9.7	APP	BNPDTL -20091022AAD
15	K14KO	PORTALES NM	169.6	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application Ref. No.
14	KMYL-LP	LUBBOCK TX	BLTTL -20071009AKT

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	K14KO	PORTALES NM	151.2	LIC	BLTT -20050927AHI
14	NEW	LUBBOCK TX	9.7	APP	BMJADTL -20100524AFT
14	K14OH-D	PLAINVIEW TX	76.9	CP	BNPDTL -20100323AIU
15	NEW	LUBBOCK TX	0.1	APP	BNPDTL -20091022AAD
16	KPTB-DT	LUBBOCK TX	7.4	LIC	BLCDT -20090210AFA
17	KPCB-DT	SNYDER TX	121.0	LIC	BLCDT -20090210AFB
29	KUPT	HOBBS NM	143.0	LIC	BLCDT -20081125ADR
15	K14KO	PORTALES NM	161.6	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.
14	K14OH-D	PLAINVIEW TX	BNPDTL -20100323AIU

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	K14KO	PORTALES NM	136.8	LIC	BLTT -20050927AHI
14	K14KO	PORTALES NM	136.9	CP	BDFCDTT -20081222AAO
14	K14NO-D	AMARILLO TX	113.7	CP	BNPDTL -20090825AWH
14	NEW	LUBBOCK TX	86.0	APP	BMJADTL -20100524AFT
14	KMYL-LP	LUBBOCK TX	76.9	LIC	BLTTL -20071009AKT
15	KCIT	AMARILLO TX	128.6	LIC	BLCDT -20080519ABV
15	K14KO	PORTALES NM	136.9	APP	USERRECORD-01

Proposed station is beyond the site to

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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.
15	K15GL-D	TRINIDAD, VALDEZ,ETC CO	BLDTT -20090526AGD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
15	KTFD-DT	BOULDER CO	277.4	LIC	BLCDT -20110812AAS
15	KREZ-TV	DURANGO CO	299.5	LIC	BLCDT -20030324ADD
15	K15FV-D	RED RIVER NM	98.0	LIC	BLDTT -20101008AAK
15	K15HD-D	TAOS NM	130.7	LIC	BLDTT -20061026ADG
15	KCIT	AMARILLO TX	320.2	LIC	BLCDT -20080519ABV
16	K16KA-D	PUEBLO CO	87.7	CP	BNPDTL -20100201AAA
16	K16CH-D	RATON NM	62.3	LIC	BLDTL -20110725ADQ
15	K14KO	PORTALES NM	332.3	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.
15	NEW	LAS VEGAS NM	BNPDTT -20100730ADU

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
15	KREZ-TV	DURANGO CO	299.2	LIC	BLCDT -20030324ADD
15	K15HD-D	TAOS NM	89.3	LIC	BLDTT -20061026ADG
15	KCIT	AMARILLO TX	310.6	LIC	BLCDT -20080519ABV
15	K14KO	PORTALES NM	227.0	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.
15	K15FV-D	RED RIVER NM	BLDTT -20101008AAK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
15	KTFD-DT	BOULDER CO	332.4	LIC	BLCDT -20110812AAS
15	KREZ-TV	DURANGO CO	233.4	LIC	BLCDT -20030324ADD
15	K15GL-D	TRINIDAD, VALDEZ,ETC CO	98.0	LIC	BLDTT -20090526AGD
15	K15HD-D	TAOS NM	35.2	LIC	BLDTT -20061026ADG
15	KCIT	AMARILLO TX	352.2	LIC	BLCDT -20080519ABV
16	K16KA-D	PUEBLO CO	106.2	CP	BNPDTL -20100201AAA
16	K59BG	ROMEO CO	60.8	CP	BDISDTT -20091202ABH
15	K14KO	PORTALES NM	316.7	APP	USERRECORD-01

Proposal causes no interference

OET-69 Interference Analysis, K14KO (digital companion), Portales, NM, Channel 15

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Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
15	K15FT-D	ROSWELL NM	BLDTT	-20091211AEV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	NEW	ROSWELL NM	0.0	APP	BMJADTL	-20100524AIG
15	KCIT	AMARILLO TX	318.4	LIC	BLCDT	-20080519ABV
15	KFOX-TV	EL PASO TX	265.0	LIC	BLCDT	-20051103AAE
15	K14KO	PORTALES NM	157.6	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.
15	K15HD-D	TAOS NM	BLDTT	-20061026ADG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	K14OE-D	SANTA FE NM	55.4	CP	BNPDTL	-20091014AAS
15	KTFD-DT	BOULDER CO	365.0	LIC	BLCDT	-20110812AAS
15	KREZ-TV	DURANGO CO	230.7	LIC	BLCDT	-20030324ADD
15	K15GL-D	TRINIDAD, VALDEZ,ETC CO	130.7	LIC	BLDTT	-20090526AGD
15	NEW	LAS VEGAS NM	89.3	APP	BNPDTT	-20100730ADU
15	K15FV-D	RED RIVER NM	35.2	LIC	BLDTT	-20101008AAK
15	KCIT	AMARILLO TX	355.0	LIC	BLCDT	-20080519ABV
16	K59BG	ROMEO CO	66.5	CP	BDISDTT	-20091202ABH
15	K14KO	PORTALES NM	303.2	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.
15	K15HQ-D	SAYRE OK	BLDTT	-20100802BAC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	K14NY-D	SAYRE OK	0.0	LIC	BLDTT	-20101008ABX
15	KTBO-TV	OKLAHOMA CITY OK	207.4	LIC	BLCDT	-20111028AAX
15	KXVA	ABILENE TX	319.9	LIC	BLCDT	-20110520ADO
15	KCIT	AMARILLO TX	192.6	LIC	BLCDT	-20080519ABV
15	KJTL	WICHITA FALLS TX	138.7	LIC	BLCDT	-20090303ACS
16	NEW	SAYRE OK	0.0	APP	BSFDTT	-20060630CHK
16	K16IR-D	SAYRE OK	0.0	LIC	BLDTT	-20100802BAA
15	K14KO	PORTALES NM	328.9	APP	USERRECORD-01	

Proposal causes no interference

OET-69 Interference Analysis, K14KO (digital companion), Portales, NM, Channel 15

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Analysis of Interference to Affected Station 15

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
15	KCIT	AMARILLO TX	BLCDT	-20080519ABV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	KTBO-TV	OKLAHOMA CITY OK	393.4	LIC	BLCDT	-20111028AAX
15	KXVA	ABILENE TX	398.4	LIC	BLCDT	-20110520ADO
15	KJTL	WICHITA FALLS TX	309.6	LIC	BLCDT	-20090303ACS
16	KPTB-DT	LUBBOCK TX	198.9	LIC	BLCDT	-20090210AFA
15	K14KO	PORTALES NM	161.6	APP	USERRECORD-01	

Total scenarios = 1

Result key: 2

Scenario 1 Affected station 15
Before Analysis

Results for: 15A TX AMARILLO BLCDT 20080519ABV LIC
HAAT 464.0 m, ATV ERP 925.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	357962	41824.9
not affected by terrain losses	357692	41228.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	198	483.5
lost to ATV IX only	198	483.5
lost to all IX	198	483.5

Potential Interfering Stations Included in above Scenario 1

15A OK OKLAHOMA CITY	BLCDT	20111028AAX	LIC
15A TX WICHITA FALLS	BLCDT	20090303ACS	LIC

After Analysis

Results for: 15A TX AMARILLO BLCDT 20080519ABV LIC
HAAT 464.0 m, ATV ERP 925.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	357962	41824.9
not affected by terrain losses	357692	41228.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	364	779.9
lost to ATV IX only	364	779.9
lost to all IX	364	779.9

Potential Interfering Stations Included in above Scenario 1

15A OK OKLAHOMA CITY	BLCDT	20111028AAX	LIC
15A TX WICHITA FALLS	BLCDT	20090303ACS	LIC
15A NM PORTALES	USERRECORD01		APP

Percent new IX = 0.0464%

Worst case new IX 0.0464% Scenario 1

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OET-69 Interference Analysis, K14KO (digital companion), Portales, NM, Channel 15

Analysis of Interference to Affected Station 16

Analysis of current record

Channel	Call	City/State	Application Ref. No.
15	K15IP-D	LAMESA TX	BNPDTL -20100323AIM

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
15	KXVA	ABILENE TX	226.0	LIC	BLCDT -20110520ADO
15	KCIT	AMARILLO TX	281.2	LIC	BLCDT -20080519ABV
15	NEW	LUBBOCK TX	76.6	APP	BNPDTL -20091022AAD
15	KJTL	WICHITA FALLS TX	333.2	LIC	BLCDT -20090303ACS
16	KPTB-DT	LUBBOCK TX	82.7	LIC	BLCDT -20090210AFA
15	K14KO	PORTALES NM	216.9	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.
15	NEW	LUBBOCK TX	BNPDTL -20091022AAD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	NEW	LUBBOCK TX	9.7	APP	BMJADTL -20100524AFT
14	KMYL-LP	LUBBOCK TX	0.1	LIC	BLTTL -20071009AKT
15	KXVA	ABILENE TX	253.0	LIC	BLCDT -20110520ADO
15	KCIT	AMARILLO TX	204.6	LIC	BLCDT -20080519ABV
15	K15IP-D	LAMESA TX	76.6	CP	BNPDTL -20100323AIM
15	KJTL	WICHITA FALLS TX	300.4	LIC	BLCDT -20090303ACS
16	KPTB-DT	LUBBOCK TX	7.5	LIC	BLCDT -20090210AFA
15	K14KO	PORTALES NM	161.6	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.
16	K16EX	CLOVIS NM	BDFCDTT -20090824AHC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
16	KPTB-DT	LUBBOCK TX	161.7	LIC	BLCDT -20090210AFA
15	K14KO	PORTALES NM	0.0	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 19

Analysis of current record

OET-69 Interference Analysis, K14KO (digital companion), Portales, NM, Channel 15

Channel	Call	City/State	Application Ref. No.
16	K16EX	CLOVIS NM	BLTT -20040420AAS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
16	KPTB-DT	LUBBOCK TX	161.7	LIC	BLCDT -20090210AFA
18	KPTF-DT	FARWELL TX	0.6	LIC	BLCDT -20090612AEB
15	K14KO	PORTALES NM	0.0	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.
16	K16HB-D	AMARILLO TX	BLDTL -20091008ACB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
15	KCIT	AMARILLO TX	10.5	LIC	BLCDT -20080519ABV
16	K16EX	CLOVIS NM	151.9	CP	BDFCDTT -20090824AHC
16	K16EX	CLOVIS NM	151.9	LIC	BLTT -20040420AAS
16	K16AB-D	GUYMON OK	160.7	LIC	BLDTT -20100226AFE
16	KPTB-DT	LUBBOCK TX	189.9	LIC	BLCDT -20090210AFA
17	K17HI-D	AMARILLO TX	6.6	LIC	BLDTL -20090401ABY
15	K14KO	PORTALES NM	151.9	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.
16	KPTB-DT	LUBBOCK TX	BLCDT -20090210AFA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
15	KCIT	AMARILLO TX	198.9	LIC	BLCDT -20080519ABV
16	KSAN-TV	SAN ANGELO TX	250.6	LIC	BLCDT -20090205ABY
17	KPCB-DT	SNYDER TX	121.4	LIC	BLCDT -20090210AFB
15	K14KO	PORTALES NM	161.7	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.
17	K17FK	MONTOYA & NEWKIRK NM	BLTT -20040412ADF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
17	KAZQ	ALBUQUERQUE NM	212.2	LIC	BLEDT -20051012ACK

OET-69 Interference Analysis, K14KO (digital companion), Portales, NM, Channel 15

17	K17EM	ROSWELL NM	177.4	LIC	BLTT	-19970515JB
17	KPCB-DT	SNYDER TX	386.1	LIC	BLCDT	-20090210AFB
18	K18HR-D	CONCHAS DAM NM	32.7	LIC	BLDTT	-20111110AAN
18	KPTF-DT	FARWELL TX	104.2	LIC	BLCDT	-20090612AEB
32	KENW	PORTALES NM	115.4	LIC	BLEDT	-20030219ADP
15	K14KO	PORTALES NM	103.7	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 23

Analysis of current record

Channel	Call	City/State	Application Ref. No.
18	KXVZ-LP	PLAINVIEW TX	BLTTL -20061218ABI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
15	KCIT	AMARILLO TX	123.2	LIC	BLCDT -20080519ABV
16	KPTB-DT	LUBBOCK TX	75.8	LIC	BLCDT -20090210AFA
18	K18HL	AMARILLO TX	114.4	CP	BPTTL -20090824AMG
18	KPTF-DT	FARWELL TX	131.9	LIC	BLCDT -20090612AEB
18	NEW	LUBBOCK TX	80.1	APP	BDCCDTL -20061030AGA
18	KUPB	MIDLAND TX	275.2	LIC	BLCDT -20090615ABW
19	KAMR-TV	AMARILLO TX	123.2	LIC	BLCDT -20080519ACZ
32	KENW	PORTALES NM	133.1	LIC	BLEDT -20030219ADP
15	K14KO	PORTALES NM	132.5	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 24

Analysis of current record

Channel	Call	City/State	Application Ref. No.
22	K22EU	MONTOYA NM	BLTT -19951205JD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
18	KPTF-DT	FARWELL TX	104.2	LIC	BLCDT -20090612AEB
22	KTFQ-DT	ALBUQUERQUE NM	240.2	LIC	BLCDT -20090618ACG
22	NEW	CLOVIS NM	104.2	APP	BNPDTL -20101012AEU
22	K22EW	MORA NM	154.8	LIC	BLTT -19970724JD
15	K14KO	PORTALES NM	103.7	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 25

Analysis of current record

Channel	Call	City/State	Application Ref. No.
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OET-69 Interference Analysis, K14KO (digital companion), Portales, NM, Channel 15

15 K14KO PORTALES NM USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	K14KO	PORTALES NM	21.0	LIC	BLTT	-20050927AHI
14	K14KO	PORTALES NM	21.0	CP	BDFCDTT	-20081222AAO
15	K15FT-D	ROSWELL NM	157.6	LIC	BLDTT	-20091211AEV
15	KCIT	AMARILLO TX	161.6	LIC	BLCDDT	-20080519ABV
15	NEW	LUBBOCK TX	161.6	APP	BNPDTL	-20091022AAD
16	K16EX	CLOVIS NM	0.0	CP	BDFCDTT	-20090824AHC
16	K16EX	CLOVIS NM	0.0	LIC	BLTT	-20040420AAS

Total scenarios = 1

Result key: 3
 Scenario 1 Affected station 25
 Before Analysis

Results for: 15A NM PORTALES USERRECORD01 APP
 HAAT 91.0 m, ATV ERP 1.8 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	63485	3460.5
not affected by terrain losses	63485	3460.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	14147	472.1
lost to ATV IX only	14147	472.1
lost to all IX	14147	472.1

Potential Interfering Stations Included in above Scenario 1

14A NM PORTALES	BDFCDTT	20081222AAO	CP
15A TX AMARILLO	BLCDDT	20080519ABV	LIC
16A NM CLOVIS	BDFCDTT	20090824AHC	CP

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