

## OET-69 Interference Analysis (K16KF-D, Saint Joseph, MO, Ch. 16)

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: 02-16-2012

Record Selected for Analysis

K16KF-D USERRECORD-01 SAINT JOSEPH MO US  
Channel 16 ERP 15. kW HAAT 73. m RCAMSL 00354 m FULL SERVICE MASK  
Latitude 039-45-00 Longitude 0094-50-25  
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 (Deg)	ERP (kW)	HAAT (m)	51.0 dBu F(50,90) (km)
0.0	15.000	52.6	35.4
45.0	15.000	74.4	39.2
90.0	15.000	79.2	39.9
135.0	15.000	65.8	37.9
180.0	15.000	36.3	31.1
225.0	15.000	109.1	43.7
270.0	15.000	81.1	40.2
315.0	15.000	88.2	41.2

Contour Overlap to Proposed Station

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 beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

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Start of Interference Analysis

# OET-69 Interference Analysis (K16KF-D, Saint Joseph, MO, Ch. 16)

Channel	Proposed Station Call	City/State	ARN
16	K16KF-D	SAINT JOSEPH MO	USERRECORD01

## Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	KUJH-LP	LAWRENCE KS	95.6	LIC	BLTTL	-19951003IC
15	KMJT-LP	OGDEN KS	165.8	LIC	BLTTL	-19940203JC
15	KMJT-LP	OGDEN KS	165.8	CP	BMJPTTL	-20000829AUA
15	NEW	BEATRICE NE	175.4	APP	BNPDTL	-20100201AAL
15	KFXL-DR	LINCOLN NE	198.1	APP	BPRM	-20111110AKS
15	KFXL-TV	LINCOLN NE	198.1	CP	BPCDT	-20120202ACE
16	K16EL	DAVENPORT IA	384.3	LIC	BLTTA	-20011129AAJ
16	KDSM-TV	DES MOINES IA	253.1	LIC	BLCDT	-20110609ABE
16	K16JK-D	SIOUX CITY IA	327.8	CP	BNPDTL	-20100217ABO
16	KOOD	HAYS KS	352.6	LIC	BLEDT	-20030423ABE
16	K16IS-D	PITTSBURG KS	261.9	CP	BNPDTL	-20100106AGF
16	K16JF-D	TOPEKA KS	128.8	CP MOD	BMPDTL	-20110802ABJ
16	KTVG-DR	GRAND ISLAND NE	334.6	APP	BPRM	-20080926AJM
16	KTVG-TV	GRAND ISLAND NE	334.6	CP MOD	BMPCDT	-20090224ACD
17	KETM-LP	EMPORIA KS	173.0	LIC	BLTTL	-19970205JB
17	KYNE-TV	OMAHA NE	194.5	LIC	BLEDT	-20030409AAV

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## Analysis of Interference to Affected Station 1

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
14	KUJH-LP	LAWRENCE KS	BLTTL	-19951003IC

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	KOCW	HOISINGTON KS	312.4	LIC	BLCDT	-20090622AFO
14	NEW	PAXICO KS	79.9	APP	BNPDTL	-20100514AIA
18	KCPT	KANSAS CITY MO	69.3	LIC	BLEDT	-20090821AAU
21	KTAJ-TV	ST. JOSEPH MO	65.4	LIC	BLCDT	-20060703AAK
22	KSQA-DR	TOPEKA KS	44.7	APP	BPRM	-20101230ACH
29	KMBC-TV	KANSAS CITY MO	66.3	LIC	BLCDT	-20090618ACY
29	KMBC-DR	KANSAS CITY MO	66.3	APP	BPRM	-20080616AEO
16	K16KF-D	SAINT JOSEPH MO	95.6	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.
15	KMJT-LP	OGDEN KS	BLTTL	-19940203JC

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	K15CN	SALINA KS	93.0	LIC	BLTTL	-19880714IH
15	K15CN	SALINAS KS	55.5	CP	BDFCDTL	-20120117AAZ
15	KMOS-TV	SEDALIA MO	329.2	LIC	BLEDT	-20030108ABK
15	NEW	BEATRICE NE	122.5	APP	BNPDTL	-20100201AAL
15	KFXL-DR	LINCOLN NE	188.7	APP	BPRM	-20111110AKS
15	KFXL-TV	LINCOLN NE	188.7	CP	BPCDT	-20120202ACE
17	KAAS-TV	SALINA KS	67.1	LIC	BLCDT	-20021120AAP
22	KSQA-DR	TOPEKA KS	73.9	APP	BPRM	-20101230ACH
16	K16KF-D	SAINT JOSEPH MO	165.8	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

## OET-69 Interference Analysis (K16KF-D, Saint Joseph, MO, Ch. 16)

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### Analysis of Interference to Affected Station 3

#### Analysis of current record

Channel	Call	City/State	Application Ref. No.
15	KMJT-LP	OGDEN KS	BMJPTTL -20000829AUA

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	NEW	PAXICO KS	38.5	APP	BNPDTL -20100514AIA
15	K15CN	SALINA KS	93.0	LIC	BLTTL -19880714IH
15	K15CN	SALINAS KS	55.5	CP	BDFCDTL -20120117AAZ
15	KMOS-TV	SEDALIA MO	329.2	LIC	BLEDT -20030108ABK
15	NEW	BEATRICE NE	122.5	APP	BNPDTL -20100201AAL
15	KFXL-DR	LINCOLN NE	188.7	APP	BPRM -20111110AKS
15	KFXL-TV	LINCOLN NE	188.7	CP	BPCDT -20120202ACE
16	K16JF-D	TOPEKA KS	50.8	CP MOD	BMPDTL -20110802ABJ
17	KAAS-TV	SALINA KS	67.1	LIC	BLCDT -20021120AAP
22	KSQA-DR	TOPEKA KS	73.9	APP	BPRM -20101230ACH
16	K16KF-D	SAINT JOSEPH MO	165.8	APP	USERRECORD-01

Proposed station is beyond the site to  
nearest cell evaluation distance

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### Analysis of Interference to Affected Station 4

#### Analysis of current record

Channel	Call	City/State	Application Ref. No.
15	NEW	BEATRICE NE	BNPDTL -20100201AAL

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	K14NW-D	LINCOLN NE	88.3	CP	BNPDTL -20091023ACV
15	KMJT-LP	OGDEN KS	122.5	CP	BMJPTTL -20000829AUA
15	K15CN	SALINA KS	171.9	LIC	BLTTL -19880714IH
15	K15CN	SALINAS KS	149.2	CP	BDFCDTL -20120117AAZ
15	KMOS-TV	SEDALIA MO	382.3	LIC	BLEDT -20030108ABK
15	KFXL-DR	LINCOLN NE	67.8	APP	BPRM -20111110AKS
15	KFXL-TV	LINCOLN NE	67.8	CP	BPCDT -20120202ACE
15	K15IU-D	LINCOLN NE	96.1	CP	BNPDTL -20091023ACU
16	K16KF-D	SAINT JOSEPH MO	175.4	APP	USERRECORD-01

Proposed station is beyond the site to  
nearest cell evaluation distance

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### Analysis of Interference to Affected Station 5

#### Analysis of current record

Channel	Call	City/State	Application Ref. No.
15	KFXL-DR	LINCOLN NE	BPRM -20111110AKS

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
15	KYOU-TV	OTTUMWA IA	397.8	CP	BPCDT -20110209AAE
15	KYOU-TV	OTTUMWA IA	397.8	LIC	BLCDT -20091013AAV
15	KSMN	WORTHINGTON MN	343.7	LIC	BLEDT -20051219AGX
15	KSMN	WORTHINGTON MN	343.7	CP	BPEDT -20080620ALP
15	KMOS-TV	SEDALIA MO	408.9	LIC	BLEDT -20030108ABK
15	KFXL-TV	LINCOLN NE	0.0	CP	BPCDT -20120202ACE

## OET-69 Interference Analysis (K16KF-D, Saint Joseph, MO, Ch. 16)

16	KTVG-DR	GRAND ISLAND NE	159.9	APP	BPRM	-20080926AJM
16	KTVG-TV	GRAND ISLAND NE	159.9	CP MOD	BMPCDT	-20090224ACD
16	K16KF-D	SAINT JOSEPH MO	198.1	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.
15	KFXL-TV	LINCOLN NE	BPCDT -20120202ACE

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
15	KYOU-TV	OTTUMWA IA	397.8	CP	BPCDT -20110209AAE
15	KYOU-TV	OTTUMWA IA	397.8	LIC	BLCDT -20091013AAV
15	KSMN	WORTHINGTON MN	343.7	LIC	BLEDT -20051219AGX
15	KSMN	WORTHINGTON MN	343.7	CP	BPEDT -20080620ALP
15	KMOS-TV	SEDALIA MO	408.9	LIC	BLEDT -20030108ABK
15	KFXL-DR	LINCOLN NE	0.0	APP	BPRM -20111110AKS
16	KTVG-DR	GRAND ISLAND NE	159.9	APP	BPRM -20080926AJM
16	KTVG-TV	GRAND ISLAND NE	159.9	CP MOD	BMPCDT -20090224ACD
16	K16KF-D	SAINT JOSEPH MO	198.1	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.
16	K16EL	DAVENPORT IA	BLTTA -20011129AAJ

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
15	KYOU-TV	OTTUMWA IA	92.2	CP	BPCDT -20110209AAE
15	KYOU-TV	OTTUMWA IA	92.2	LIC	BLCDT -20091013AAV
16	KDSM-TV	DES MOINES IA	218.9	LIC	BLCDT -20110609ABE
16	WTVO	ROCKFORD IL	168.6	LIC	BLCDT -20021024AAS
23	WQPT-TV	MOLINE IL	60.7	LIC	BLEDT -20030702AAR
16	K16KF-D	SAINT JOSEPH MO	384.3	APP	USERRECORD-01

Proposed station is beyond the site to  
nearest cell evaluation distance

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### Analysis of Interference to Affected Station 8

#### Analysis of current record

Channel	Call	City/State	Application Ref. No.
16	KDSM-TV	DES MOINES IA	BLCDT -20110609ABE

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
15	KYOU-TV	OTTUMWA IA	155.2	CP	BPCDT -20110209AAE
15	KYOU-TV	OTTUMWA IA	155.2	LIC	BLCDT -20091013AAV
16	WTVO	ROCKFORD IL	370.2	LIC	BLCDT -20021024AAS
17	KYNE-TV	OMAHA NE	209.0	LIC	BLEDT -20030409AAV
16	K16KF-D	SAINT JOSEPH MO	253.1	APP	USERRECORD-01

Total scenarios = 2

## OET-69 Interference Analysis (K16KF-D, Saint Joseph, MO, Ch. 16)

Result key: 1  
Scenario 1 Affected station 8  
Before Analysis

Results for: 16A IA DES MOINES BLCDT 20110609ABE LIC  
HAAT 612.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1010769	45461.0
not affected by terrain losses	1009869	45263.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	843	115.4
lost to ATV IX only	843	115.4
lost to all IX	843	115.4

Potential Interfering Stations Included in above Scenario 1

15A IA OTTUMWA BPCDT 20110209AAE CP  
16A IL ROCKFORD BLCDT 20021024AAS LIC

After Analysis

Results for: 16A IA DES MOINES BLCDT 20110609ABE LIC  
HAAT 612.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1010769	45461.0
not affected by terrain losses	1009869	45263.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	866	127.1
lost to ATV IX only	866	127.1
lost to all IX	866	127.1

Potential Interfering Stations Included in above Scenario 1

15A IA OTTUMWA BPCDT 20110209AAE CP  
16A IL ROCKFORD BLCDT 20021024AAS LIC  
16A MO SAINT JOSEPH USERRECORD01 APP

Percent new IX = 0.0023%

Result key: 2  
Scenario 2 Affected station 8  
Before Analysis

Results for: 16A IA DES MOINES BLCDT 20110609ABE LIC  
HAAT 612.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1010769	45461.0
not affected by terrain losses	1009869	45263.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	789	100.7
lost to ATV IX only	789	100.7
lost to all IX	789	100.7

Potential Interfering Stations Included in above Scenario 2

15A IA OTTUMWA BLCDT 20091013AAV LIC  
16A IL ROCKFORD BLCDT 20021024AAS LIC

After Analysis

Results for: 16A IA DES MOINES BLCDT 20110609ABE LIC  
HAAT 612.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1010769	45461.0
not affected by terrain losses	1009869	45263.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	812	112.4
lost to ATV IX only	812	112.4
lost to all IX	812	112.4

Potential Interfering Stations Included in above Scenario 2

15A IA OTTUMWA BLCDT 20091013AAV LIC  
16A IL ROCKFORD BLCDT 20021024AAS LIC

## OET-69 Interference Analysis (K16KF-D, Saint Joseph, MO, Ch. 16)

16A MO SAINT JOSEPH                      USERRECORD01                      APP

Percent new IX =        0.0023%

Worst case new IX        0.0023% Scenario        1

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### Analysis of Interference to Affected Station    9

#### Analysis of current record

Channel	Call	City/State	Application Ref. No.
16	K16JK-D	SIOUX CITY IA	BNPDTL        -20100217ABO

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
16	KDSM-TV	DES MOINES IA	233.3	LIC	BLCDT        -20110609ABE
16	KTVG-DR	GRAND ISLAND NE	271.1	APP	BPRM        -20080926AJM
16	KTVG-TV	GRAND ISLAND NE	271.1	CP MOD	BMPCDT       -20090224ACD
16	K16KF-D	SAINT JOSEPH MO	327.8	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.
16	KOOD	HAYS KS	BLEDT        -20030423ABE

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
16	KTVG-DR	GRAND ISLAND NE	218.1	APP	BPRM        -20080926AJM
16	KTVG-TV	GRAND ISLAND NE	218.1	CP MOD	BMPCDT       -20090224ACD
17	KAAS-TV	SALINA KS	122.5	LIC	BLCDT        -20021120AAP
16	K16KF-D	SAINT JOSEPH MO	352.6	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.
16	K16IS-D	PITTSBURG KS	BNPDTL        -20100106AGF

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
15	K15IJ-D	PITTSBURG KS	0.0	CP	BNPDTL        -20100106AGE
16	K16JL-D	FAYETTEVILLE AR	165.0	CP	BNPDTL        -20100217ABR
16	DK16ER	FORT SMITH AR	219.4	LIC	BLTT        -20011031AAY
16	KOOD	HAYS KS	379.3	LIC	BLEDT        -20030423ABE
17	KDOR-TV	BARTLESVILLE OK	131.9	LIC	BLCDT        -20090615ADR
16	K16KF-D	SAINT JOSEPH MO	261.9	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.
16	K16JF-D	TOPEKA KS	BMPDTL        -20110802ABJ

## OET-69 Interference Analysis (K16KF-D, Saint Joseph, MO, Ch. 16)

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	KMJT-LP	OGDEN KS	50.8	CP	BMJPTTL	-20000829AUA
16	KDSM-TV	DES MOINES IA	370.5	LIC	BLCDT	-20110609ABE
16	KOOD	HAYS KS	235.6	LIC	BLEDT	-20030423ABE
16	KTVG-DR	GRAND ISLAND NE	285.2	APP	BPRM	-20080926AJM
16	KTVG-TV	GRAND ISLAND NE	285.2	CP MOD	BMPCDT	-20090224ACD
17	KAAS-TV	SALINA KS	116.6	LIC	BLCDT	-20021120AAP
16	K16KF-D	SAINT JOSEPH MO	128.8	APP	USERRECORD-01	

Total scenarios = 3

Result key: 3  
Scenario 1 Affected station 12  
Before Analysis

Results for: 16A KS TOPEKA BMPDTL 20110802ABJ CP

HAAT 132.0 m, ATV ERP 15.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	205446	6075.9
not affected by terrain losses	205446	6075.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	6	5.0
lost to ATV IX only	6	5.0
lost to all IX	6	5.0

Potential Interfering Stations Included in above Scenario 1

16A KS HAYS	BLEDT	20030423ABE	LIC
16A NE GRAND ISLAND	BMPCDT	20090224ACD	CP

After Analysis

Results for: 16A KS TOPEKA BMPDTL 20110802ABJ CP

HAAT 132.0 m, ATV ERP 15.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	205446	6075.9
not affected by terrain losses	205446	6075.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	96	17.9
lost to ATV IX only	96	17.9
lost to all IX	96	17.9

Potential Interfering Stations Included in above Scenario 1

16A KS HAYS	BLEDT	20030423ABE	LIC
16A NE GRAND ISLAND	BMPCDT	20090224ACD	CP
16A MO SAINT JOSEPH	USERRECORD01		APP

Percent new IX = 0.0438%

Result key: 4  
Scenario 2 Affected station 12  
Before Analysis

Results for: 16A KS TOPEKA BMPDTL 20110802ABJ CP

HAAT 132.0 m, ATV ERP 15.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	205446	6075.9
not affected by terrain losses	205446	6075.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	6	5.0
lost to ATV IX only	6	5.0
lost to all IX	6	5.0

Potential Interfering Stations Included in above Scenario 2

16A KS HAYS	BLEDT	20030423ABE	LIC
16A NE GRAND ISLAND	BPRM	20080926AJM	APP
16A NE GRAND ISLAND	BMPCDT	20090224ACD	CP

## OET-69 Interference Analysis (K16KF-D, Saint Joseph, MO, Ch. 16)

### After Analysis

Results for: 16A KS TOPEKA BMPDTL 20110802ABJ CP

HAAT 132.0 m, ATV ERP 15.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	205446	6075.9
not affected by terrain losses	205446	6075.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	96	17.9
lost to ATV IX only	96	17.9
lost to all IX	96	17.9

Potential Interfering Stations Included in above Scenario 2

16A KS HAYS	BLEDT	20030423ABE	LIC
16A NE GRAND ISLAND	BPRM	20080926AJM	APP
16A NE GRAND ISLAND	BMPCDT	20090224ACD	CP
16A MO SAINT JOSEPH	USERRECORD01		APP

Percent new IX = 0.0438%

Result key: 5  
Scenario 3 Affected station 12  
Before Analysis

Results for: 16A KS TOPEKA BMPDTL 20110802ABJ CP

HAAT 132.0 m, ATV ERP 15.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	205446	6075.9
not affected by terrain losses	205446	6075.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	6	5.0
lost to ATV IX only	6	5.0
lost to all IX	6	5.0

Potential Interfering Stations Included in above Scenario 3

16A KS HAYS	BLEDT	20030423ABE	LIC
16A NE GRAND ISLAND	BMPCDT	20090224ACD	CP

### After Analysis

Results for: 16A KS TOPEKA BMPDTL 20110802ABJ CP

HAAT 132.0 m, ATV ERP 15.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	205446	6075.9
not affected by terrain losses	205446	6075.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	96	17.9
lost to ATV IX only	96	17.9
lost to all IX	96	17.9

Potential Interfering Stations Included in above Scenario 3

16A KS HAYS	BLEDT	20030423ABE	LIC
16A NE GRAND ISLAND	BMPCDT	20090224ACD	CP
16A MO SAINT JOSEPH	USERRECORD01		APP

Percent new IX = 0.0438%

Worst case new IX 0.0438% Scenario 1

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### Analysis of Interference to Affected Station 13

#### Analysis of current record

Channel	Call	City/State	Application Ref. No.
16	KTVG-DR	GRAND ISLAND NE	BPRM -20080926AJM

Stations Potentially Affecting This Station



## OET-69 Interference Analysis (K16KF-D, Saint Joseph, MO, Ch. 16)

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	KFXL-DR	LINCOLN NE	159.9	APP	BPRM	-20111110AKS
15	KFXL-TV	LINCOLN NE	159.9	CP	BPCDT	-20120202ACE
16	KOOD	HAYS KS	218.1	LIC	BLEDT	-20030423ABE
16	KTVG-TV	GRAND ISLAND NE	0.0	CP MOD	BMPCDT	-20090224ACD
17	KAAS-TV	SALINA KS	206.8	LIC	BLCDT	-20021120AAP
17	KYNE-TV	OMAHA NE	222.8	LIC	BLEDT	-20030409AAV
16	K16KF-D	SAINT JOSEPH MO	334.6	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.
16	KTVG-TV	GRAND ISLAND NE	BMPCDT	-20090224ACD

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	KFXL-DR	LINCOLN NE	159.9	APP	BPRM	-20111110AKS
15	KFXL-TV	LINCOLN NE	159.9	CP	BPCDT	-20120202ACE
16	KOOD	HAYS KS	218.1	LIC	BLEDT	-20030423ABE
16	KTVG-DR	GRAND ISLAND NE	0.0	APP	BPRM	-20080926AJM
17	KAAS-TV	SALINA KS	206.8	LIC	BLCDT	-20021120AAP
17	KYNE-TV	OMAHA NE	222.8	LIC	BLEDT	-20030409AAV
16	K16KF-D	SAINT JOSEPH MO	334.6	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.
17	KETM-LP	EMPORIA KS	BLTTL	-19970205JB

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
17	KAAS-TV	SALINA KS	129.6	LIC	BLCDT	-20021120AAP
17	KMIZ	COLUMBIA MO	307.6	CP MOD	BMPCDT	-20110614ABF
17	KMIZ	COLUMBIA MO	307.6	LIC	BLCDT	-20090612AAD
17	KYNE-TV	OMAHA NE	303.3	LIC	BLEDT	-20030409AAV
17	KDOR-TV	BARTLESVILLE OK	225.5	LIC	BLCDT	-20090615ADR
24	KCTV	KANSAS CITY MO	143.4	LIC	BLCDT	-20110405ABD
24	KCTV	KANSAS CITY MO	143.4	CP	BPCDT	-20080619AGA
16	K16KF-D	SAINT JOSEPH MO	173.0	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

### Analysis of Interference to Affected Station 16

#### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
17	KYNE-TV	OMAHA NE	BLEDT	-20030409AAV

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	KDSM-TV	DES MOINES IA	209.0	LIC	BLCDT	-20110609ABE
16	KTVG-DR	GRAND ISLAND NE	222.8	APP	BPRM	-20080926AJM
16	KTVG-TV	GRAND ISLAND NE	222.8	CP MOD	BMPCDT	-20090224ACD
17	KAAS-TV	SALINA KS	266.4	LIC	BLCDT	-20021120AAP

## OET-69 Interference Analysis (K16KF-D, Saint Joseph, MO, Ch. 16)

17	KMIZ	COLUMBIA MO	403.1	CP MOD	BMPCDT	-20110614ABF
17	KMIZ	COLUMBIA MO	403.1	LIC	BLCDT	-20090612AAD
16	K16KF-D	SAINT JOSEPH MO	194.5	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.
16	K16KF-D	SAINT JOSEPH MO	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
16	KDSM-TV	DES MOINES IA	253.1	LIC	BLCDT -20110609ABE
16	KOOD	HAYS KS	352.6	LIC	BLEDT -20030423ABE
16	K16JF-D	TOPEKA KS	128.8	CP MOD	BMPDTL -20110802ABJ
16	KTVG-DR	GRAND ISLAND NE	334.6	APP	BPRM -20080926AJM
16	KTVG-TV	GRAND ISLAND NE	334.6	CP MOD	BMPCDT -20090224ACD

Total scenarios = 1

Result key: 6

Scenario 1 Affected station 17  
Before Analysis

Results for: 16A MO SAINT JOSEPH USERRECORD01 APP  
HAAT 73.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	140696	5330.8
not affected by terrain losses	140696	5330.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	77	20.7
lost to ATV IX only	77	20.7
lost to all IX	77	20.7

Potential Interfering Stations Included in above Scenario 1

16A IA DES MOINES	BLCDT	20110609ABE	LIC
16A KS TOPEKA	BMPDTL	20110802ABJ	CP

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