

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  
/space/software/cdbs/pt\_tvdb.sff  
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 02-04-2012 Time: 16:32:43

#### Record Selected for Analysis

KLRA USERRECORD-01 US  
Channel 16 ERP 0.8 kW HAAT 408. m RCAMSL 00534 m FULL SERVICE MASK  
Latitude 034-47-56 Longitude 0092-29-44  
Status APP Zone 2 Border Site number: 01  
Dir Antenna Make CDB Model 00000000024202 Beam tilt N Ref Azimuth 55.  
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	0.571	439.7	42.6
45.0	0.800	434.2	44.5
90.0	0.692	433.8	43.6
135.0	0.403	403.2	39.5
180.0	0.288	383.6	36.8
225.0	0.359	373.8	37.9
270.0	0.318	366.7	36.9
315.0	0.318	429.5	38.8

Contour Overlap to Proposed Station

Contour Overlap Evaluation to Proposed Station Complete

NO LANDMOBILE SPACING VIOLATIONS FOUND

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

\*\*\*\*\*

Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
16	KLRA		USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	K15FW	BATESVILLE AR	139.7	CP	BDFCDTL	-20110725AGO
15	K15FW	BATESVILLE AR	139.7	LIC	BLTT	-20050203AAA
15	KHOG-TV	FAYETTEVILLE AR	197.4	LIC	BLCDDT	-20020904AAX
16	K16IP-D	BONNERDALE AR	111.9	LIC	BLDTL	-20110713AAX
16	K16IP-D	BONNERDALE AR	106.7	CP MOD	BMPDTL	-20110524ABD
16	K16JO-D	CLARKSVILLE AR	124.7	CP	BNPDTL	-20100504AMJ
16	K16JL-D	FAYETTEVILLE AR	197.4	CP	BNPDTL	-20100217ABR
16	DK16ER	FORT SMITH AR	184.6	LIC	BLTT	-20011031AAY
16	K16IS-D	PITTSBURG KS	353.5	CP	BNPDTL	-20100106AGF
16	K16JR-D	MONROE LA	257.7	CP	BNPDTL	-20100510AEC
16	K16FH	WINNFIELD LA	324.8	LIC	BLTTTL	-20050414ABX
16	WLOV-TV	WEST POINT MS	332.2	LIC	BLCDDT	-20070405ABC
16	W16DE-D	JACKSON TN	347.7	CP	BNPDTL	-20100304AAK

\*\*\*\*\*

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
15	K15FW	BATESVILLE AR	BDFCDTL	-20110725AGO

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	KHOG-TV	FAYETTEVILLE AR	211.8	LIC	BLCDDT	-20020904AAX
15	KPOB-TV	POPLAR BLUFF MO	153.0	LIC	BLCDDT	-20090623ABU
15	KMOS-TV	SEDALIA MO	320.2	LIC	BLEDT	-20030108ABK
15	K15CZ	SPRINGFIELD MO	204.1	CP	BDFCDTL	-20081014AEG
15	K15CZ	SPRINGFIELD MO	204.1	LIC	BLTTTL	-20020306AAD
15	WXVT	GREENVILLE MS	265.4	LIC	BLCDDT	-20090612ACI
15	W15CH	MEMPHIS TN	189.1	CP MOD	BMPDTL	-20111011AFO
15	KTAL-TV	TEXARKANA TX	392.0	LIC	BLCDDT	-20070404ABW
16	KLRA		139.7	APP	USERRECORD-01	

Proposal causes no interference

#####

Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
15	K15FW	BATESVILLE AR	BLTT	-20050203AAA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
------	------	------------	----------	--------	-------------	----------

15	KHOG-TV	FAYETTEVILLE AR	211.8	LIC	BLCDT	-20020904AAX
15	KPOB-TV	POPLAR BLUFF MO	153.0	LIC	BLCDT	-20090623ABU
15	KMOS-TV	SEDALIA MO	320.2	LIC	BLEDT	-20030108ABK
15	WXVT	GREENVILLE MS	265.4	LIC	BLCDT	-20090612ACI
15	KTAL-TV	TEXARKANA TX	392.0	LIC	BLCDT	-20070404ABW
22	KATV	LITTLE ROCK AR	139.5	LIC	BLCDT	-20090225AAV
30	KLRT-TV	LITTLE ROCK AR	139.4	LIC	BLCDT	-20020507AAK
16	KLRA		139.7	APP	USERRECORD-01	

Proposal causes no interference

#####

### Analysis of Interference to Affected Station 3

#### Analysis of current record

Channel	Call	City/State	Application Ref. No.
15	KHOG-TV	FAYETTEVILLE AR	BLCDT -20020904AAX

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
15	KPOB-TV	POPLAR BLUFF MO	336.3	LIC	BLCDT -20090623ABU
15	KMOS-TV	SEDALIA MO	309.4	LIC	BLEDT -20030108ABK
15	WXVT	GREENVILLE MS	404.6	LIC	BLCDT -20090612ACI
15	KTBO-TV	OKLAHOMA CITY OK	310.6	LIC	BLCDT -20050415AAC
15	KTBO-TV	OKLAHOMA CITY OK	310.6	CP	BPCDT -20080619ACZ
15	KTAL-TV	TEXARKANA TX	346.1	LIC	BLCDT -20070404ABW
16	KLRA		197.4	APP	USERRECORD-01

Proposal causes no interference

#####

### Analysis of Interference to Affected Station 4

#### Analysis of current record

Channel	Call	City/State	Application Ref. No.
16	K16IP-D	BONNERDALE AR	BLDTL -20110713AAX

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
16	K16JO-D	CLARKSVILLE AR	129.6	CP	BNPDTL -20100504AMJ
16	K16JL-D	FAYETTEVILLE AR	194.3	CP	BNPDTL -20100217ABR
16	DK16ER	FORT SMITH AR	144.9	LIC	BLTT -20011031AAY
16	KLRA		111.9	APP	USERRECORD-01

Total scenarios = 1

Result key: 1

Scenario 1 Affected station 4

Before Analysis

Results for: 16A AR BONNERDALE BLDTL 20110713AAX LIC  
HAAT 199.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	95050	7452.7
not affected by terrain losses	94115	7349.5
lost to NTSC IX	192	25.6
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	192	25.6

Potential Interfering Stations Included in above Scenario 1

16N AR FORT SMITH BLTT 20011031AAY LIC

After Analysis

Results for: 16A AR BONNERDALE BLDLTL 20110713AAX LIC  
HAAT 199.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	95050	7452.7
not affected by terrain losses	94115	7349.5
lost to NTSC IX	192	25.6
lost to additional IX by ATV	1221	98.3
lost to ATV IX only	1286	110.1
lost to all IX	1413	123.9

Potential Interfering Stations Included in above Scenario 1

16N AR FORT SMITH BLTT 20011031AAY LIC  
16A USERRECORD01 APP

Percent new IX = 1.3000%

Worst case new IX 1.3000% Scenario 1

#####

Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application Ref. No.
16	K16IP-D	BONNERDALE AR	BMPDTL -20110524ABD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
16	K16JO-D	CLARKSVILLE AR	135.6	CP	BNPDTL -20100504AMJ
16	K16JL-D	FAYETTEVILLE AR	202.1	CP	BNPDTL -20100217ABR
16	DK16ER	FORT SMITH AR	154.5	LIC	BLTT -20011031AAY
16	KLRA		106.7	APP	USERRECORD-01

Total scenarios = 1

Result key: 2  
Scenario 1 Affected station 5  
Before Analysis

Results for: 16A AR BONNERDALE BMPDTL 20110524ABD CP  
HAAT 162.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	112428	7171.8
not affected by terrain losses	109307	6987.9
lost to NTSC IX	374	28.5
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	374	28.5

Potential Interfering Stations Included in above Scenario 1

16N AR FORT SMITH BLTT 20011031AAY LIC

After Analysis

Results for: 16A AR BONNERDALE BMPDTL 20110524ABD CP

HAAT	162.0 m,	ATV ERP	15.0 kW
		POPULATION	AREA (sq km)
within Noise Limited Contour		112428	7171.8
not affected by terrain losses		109307	6987.9
lost to NTSC IX		374	28.5
lost to additional IX by ATV		1993	123.9
lost to ATV IX only		2318	142.6
lost to all IX		2367	152.4

Potential Interfering Stations Included in above Scenario 1

16N AR FORT SMITH	BLTT	20011031AAY	LIC
16A	USERRECORD01		APP

Percent new IX = 1.8296%

Worst case new IX 1.8296% Scenario 1

#####

Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application Ref. No.
16	K16JO-D	CLARKSVILLE AR	BNPDTL -20100504AMJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
15	KHOG-TV	FAYETTEVILLE AR	74.4	LIC	BLCDDT -20020904AAX
16	K16IP-D	BONNERDALE AR	129.6	LIC	BLDTL -20110713AAX
16	K16IP-D	BONNERDALE AR	135.6	CP MOD	BMPDTL -20110524ABD
16	K16JL-D	FAYETTEVILLE AR	74.4	CP	BNPDTL -20100217ABR
16	DK16ER	FORT SMITH AR	71.1	LIC	BLTT -20011031AAY
16	KLRA		124.7	APP	USERRECORD-01

Total scenarios = 2

Result key: 3  
Scenario 1 Affected station 6  
Before Analysis

Results for: 16A AR CLARKSVILLE BNPDTL 20100504AMJ CP

HAAT	96.0 m,	ATV ERP	1.0 kW
		POPULATION	AREA (sq km)
within Noise Limited Contour		36587	2079.8
not affected by terrain losses		36542	2043.1
lost to NTSC IX		607	45.7
lost to additional IX by ATV		3	3.0
lost to ATV IX only		3	5.0
lost to all IX		610	48.7

Potential Interfering Stations Included in above Scenario 1

16N AR FORT SMITH	BLTT	20011031AAY	LIC
16A AR BONNERDALE	BLDTL	20110713AAX	LIC
16A AR FAYETTEVILLE	BNPDTL	20100217ABR	CP

After Analysis

Results for: 16A AR CLARKSVILLE BNPDTL 20100504AMJ CP

HAAT	96.0 m,	ATV ERP	1.0 kW
		POPULATION	AREA (sq km)
within Noise Limited Contour		36587	2079.8

not affected by terrain losses	36542	2043.1
lost to NTSC IX	607	45.7
lost to additional IX by ATV	3	5.0
lost to ATV IX only	82	10.9
lost to all IX	610	50.7

Potential Interfering Stations Included in above Scenario 1

16N AR FORT SMITH	BLTT	20011031AAY	LIC
16A AR BONNERDALE	BLDTL	20110713AAX	LIC
16A AR FAYETTEVILLE	BNPDTL	20100217ABR	CP
16A	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 4  
 Scenario 2 Affected station 6  
 Before Analysis

Results for: 16A AR CLARKSVILLE BNPDTL 20100504AMJ CP  
 HAAT 96.0 m, ATV ERP 1.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	36587	2079.8
not affected by terrain losses	36542	2043.1
lost to NTSC IX	607	45.7
lost to additional IX by ATV	3	5.0
lost to ATV IX only	82	8.9
lost to all IX	610	50.7

Potential Interfering Stations Included in above Scenario 2

16N AR FORT SMITH	BLTT	20011031AAY	LIC
16A AR BONNERDALE	BMPDTL	20110524ABD	CP
16A AR FAYETTEVILLE	BNPDTL	20100217ABR	CP

After Analysis

Results for: 16A AR CLARKSVILLE BNPDTL 20100504AMJ CP  
 HAAT 96.0 m, ATV ERP 1.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	36587	2079.8
not affected by terrain losses	36542	2043.1
lost to NTSC IX	607	45.7
lost to additional IX by ATV	3	7.0
lost to ATV IX only	82	12.9
lost to all IX	610	52.7

Potential Interfering Stations Included in above Scenario 2

16N AR FORT SMITH	BLTT	20011031AAY	LIC
16A AR BONNERDALE	BMPDTL	20110524ABD	CP
16A AR FAYETTEVILLE	BNPDTL	20100217ABR	CP
16A	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

#####

Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application Ref. No.
16	K16JL-D	FAYETTEVILLE AR	BNPDTL -20100217ABR

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	KHOG-TV	FAYETTEVILLE AR	0.0	LIC	BLCDT	-20020904AAX
16	K16IP-D	BONNERDALE AR	194.3	LIC	BLDTL	-20110713AAX
16	K16IP-D	BONNERDALE AR	202.1	CP MOD	BMPDTL	-20110524ABD
16	K16JO-D	CLARKSVILLE AR	74.4	CP	BNPDTL	-20100504AMJ
16	DK16ER	FORT SMITH AR	68.1	LIC	BLTT	-20011031AAY
16	K16IS-D	PITTSBURG KS	165.0	CP	BNPDTL	-20100106AGF
17	K17LD-D	FAYETTEVILLE AR	10.4	CP	BNPDTL	-20100728ACL
16	KLRA		197.4	APP	USERRECORD-01	

Proposal causes no interference

#####

## Analysis of Interference to Affected Station 8

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
16	DK16ER	FORT SMITH AR	BLTT	-20011031AAY

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	KHOG-TV	FAYETTEVILLE AR	68.1	LIC	BLCDT	-20020904AAX
16	K16JO-D	CLARKSVILLE AR	71.1	CP	BNPDTL	-20100504AMJ
16	K16JL-D	FAYETTEVILLE AR	68.1	CP	BNPDTL	-20100217ABR
18	KFSM-TV	FORT SMITH AR	46.6	LIC	BLCDT	-20060530AIM
18	KFSM-TV	FORT SMITH AR	46.6	CP	BPCDT	-20080620AEO
20	KQCW-DT	MUSKOGEE OK	134.4	LIC	BLCDT	-20090227ACN
20	KQCW-DT	MUSKOGEE OK	134.3	CP MOD	BMPCDT	-20080620AMN
31	KOET	EUFAULA OK	93.0	LIC	BLEDT	-20060601BJT
16	KLRA		184.6	APP	USERRECORD-01	

Proposal causes no interference

#####

## Analysis of Interference to Affected Station 9

## 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	KLRA		353.5	APP	USERRECORD-01	

Proposal causes no interference

#####

## Analysis of Interference to Affected Station 10

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
---------	------	------------	-------------	----------

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	KADN-TV	LAFAYETTE LA	237.0	LIC	BLCDDT	-20060630AFZ
16	K16FH	WINNFIELD LA	78.3	LIC	BLTTL	-20050414ABX
16	WMAH-TV	BILOXI MS	362.5	LIC	BLEDT	-20110404AGM
16	WLOV-TV	WEST POINT MS	322.5	LIC	BLCDDT	-20070405ABC
17	KWMS-LP	WEST MONROE LA	5.7	APP	BDFCDTL	-20100518AAV
17	KWMS-LP	WEST MONROE LA	5.7	APP	BDFCDTL	-20100812ABE
17	KWMS-LP	WEST MONROE LA	5.7	LIC	BLTTL	-20100708HIZ
16	KLRA		257.7	APP	USERRECORD-01	

Proposal causes no interference

#####

Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
16	K16FH	WINNFIELD LA	BLTTL	-20050414ABX

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	KADN-TV	LAFAYETTE LA	172.1	LIC	BLCDDT	-20060630AFZ
16	K16JR-D	MONROE LA	78.3	CP	BNPDTL	-20100510AEC
16	WMAH-TV	BILOXI MS	367.5	LIC	BLEDT	-20110404AGM
16	WLOV-TV	WEST POINT MS	390.0	LIC	BLCDDT	-20070405ABC
31	KLAX-TV	ALEXANDRIA LA	34.9	LIC	BLCDDT	-20090622AGN
16	KLRA		324.8	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
16	WLOV-TV	WEST POINT MS	BLCDDT	-20070405ABC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	WXVT	GREENVILLE MS	150.3	LIC	BLCDDT	-20090612ACI
16	WELF-TV	DALTON GA	355.7	CP	BPCDDT	-20101214ACB
16	WELF-TV	DALTON GA	363.4	LIC	BLCDDT	-20060301ADC
16	WMAH-TV	BILOXI MS	338.1	LIC	BLEDT	-20110404AGM
17	WMC-DR	MEMPHIS TN	169.4	APP	BPRM	-20110526AJP
16	KLRA		332.2	APP	USERRECORD-01	

Proposal causes no interference

#####

Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
---------	------	------------	-------------	----------



Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	W15DD-D	JACKSON TN	0.0	CP	BNPDTL	-20100319AEP
16	WELF-TV	DALTON GA	320.9	CP	BPCDT	-20101214ACB
16	WELF-TV	DALTON GA	320.0	LIC	BLCDT	-20060301ADC
16	WNKY	BOWLING GREEN KY	281.7	LIC	BLCDT	-20071220AAY
16	WLOV-TV	WEST POINT MS	207.0	LIC	BLCDT	-20070405ABC
17	NEW	JACKSON TN	0.0	APP	BNPDTL	-20100903ABC
17	WMC-DR	MEMPHIS TN	110.9	APP	BPRM	-20110526AJP
16	KLRA		347.7	APP	USERRECORD-01	

Proposal causes no interference

#####

Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
16	KLRA		USERRECORD-01	

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	K16IP-D	BONNERDALE AR	111.9	LIC	BLDTL	-20110713AAX
16	K16IP-D	BONNERDALE AR	106.7	CP MOD	BMPDTL	-20110524ABD
16	K16JO-D	CLARKSVILLE AR	124.7	CP	BNPDTL	-20100504AMJ
16	K16JL-D	FAYETTEVILLE AR	197.4	CP	BNPDTL	-20100217ABR
16	DK16ER	FORT SMITH AR	184.6	LIC	BLTT	-20011031AAY
16	WLOV-TV	WEST POINT MS	332.2	LIC	BLCDT	-20070405ABC

Total scenarios = 2

Result key: 5  
Scenario 1 Affected station 14  
Before Analysis

Results for: 16A USERRECORD01 APP

HAAT	408.0 m, ATV ERP	0.8 kW	POPULATION	AREA (sq km)
within Noise Limited Contour			541989	5827.4
not affected by terrain losses			541818	5786.4
lost to NTSC IX			52	7.8
lost to additional IX by ATV			0	13.7
lost to ATV IX only			17	15.6
lost to all IX			52	21.5

Potential Interfering Stations Included in above Scenario 1

16N AR FORT SMITH	BLTT	20011031AAY	LIC
16A AR BONNERDALE	BLDTL	20110713AAX	LIC

Result key: 6  
Scenario 2 Affected station 14  
Before Analysis

Results for: 16A USERRECORD01 APP

HAAT	408.0 m, ATV ERP	0.8 kW	POPULATION	AREA (sq km)
within Noise Limited Contour			541989	5827.4
not affected by terrain losses			541818	5786.4
lost to NTSC IX			52	7.8

lost to additional IX by ATV	240	12.7
lost to ATV IX only	240	13.7
lost to all IX	292	20.5

Potential Interfering Stations Included in above Scenario 2

16N AR FORT SMITH	BLTT	20011031AAY	LIC
16A AR BONNERDALE	BMPDTL	20110524ABD	CP

#####

FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED