

Census data selected: 1990

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 06-13-2007 Time: 13:14:58

Record Selected for Analysis

KTKO USERRECORD-01 HARRISON AR US
Channel 08 ERP 3. kW HAAT 303. m RCAMSL 00658 m
Latitude 036-11-28 Longitude 0093-11-55
Status APP Zone 2 Border Offset +
Dir Antenna Make CDB Model 00000000078800 Beam tilt N Ref Azimuth
265.
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

Facility meets maximum power limit

Azimuth (Deg)	ERP (kW)	HAAT (m)	68.0 dBu F(50,50) (km)
0.0	2.446	249.9	27.2
45.0	0.868	266.6	22.0
90.0	0.461	302.5	20.0
135.0	0.988	254.8	22.3
180.0	2.482	278.5	28.3
225.0	2.640	33.0	10.0
270.0	2.276	108.0	17.9
315.0	2.893	253.8	28.3

Contour Overlap Evaluation from LPTV Station to Full Service TV &
DTV

Contour overlap to station
KAIT 8 JONESBORO AR BMLCT 20030729AGS

Contour overlap to station
KOMU-TV 8 COLUMBIA MO BLCT 19880427KG

Contour overlap to station
KTUL 8 TULSA OK BLCT 19880602KE

Station inside contour of station
KAFT 9 FAYETTEVILLE AR BLEDT 20041213ABJ

Contour Overlap Evaluation from LPTV to Full Service TV & DTV
Complete

Contour Overlap Evaluation from LPTV Station to LPTV Stations

No Spacing violations or contour overlap from LPTV station

Contour Overlap Evaluation from LPTV to LPTV Stations Complete

Contour Overlap to Proposed Station

Contour Overlap Evaluation to Proposed Station Complete

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quite 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	Call	Proposed Station City/State	ARN
08	KTOK	HARRISON AR	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
08	KAIT	JONESBORO AR	206.1	LIC	BMLCT	-
20030729AGS						
08	KOMU-TV	COLUMBIA MO	310.9	LIC	BLCT	-
19880427KG						
08	KTUL	TULSA OK	218.5	LIC	BLCT	-
19880602KE						
09	KAFT	FAYETTEVILLE AR	85.5	LIC	BLEDT	-
20041213ABJ						

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Analysis of Interference to Affected Station 1

NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
08	KAITTV	JONESBORO AR	DTVPLN -NPLN0518

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
07	KATV	LITTLE ROCK AR	194.9	PLN	DTVPLN -
NPLN0457					
07	WBBJTV	JACKSON TN	204.3	PLN	DTVPLN -
NPLN0502					
07	DNCE	BIRCH TREE MO	132.4	PLN	DTVPLN -
NPLN0515					
08	WSIUTV	CARBONDALE IL	288.5	PLN	DTVPLN -
NPLN0532					
08	KOMUTV	COLUMBIA MO	353.4	PLN	DTVPLN -
NPLN0544					
08	WDCN	NASHVILLE TN	369.7	PLN	DTVPLN -
NPLN0566					
09	KAIT-DT	JONESBORO AR	0.0	PLN	DTVPLN -
DTVP0053					

Results for:	8N AR JONESBORO	DTVPLN	NPLN0518	PLN
		POPULATION	AREA (sq km)	
within Noise Limited Contour		714511	41543.2	
not affected by terrain losses		686526	39666.9	
lost to NTSC IX		70424	4366.5	
lost to additional IX by ATV		0	0.0	
lost to all IX		70424	4366.5	

Analysis of current record

Channel	Call	City/State	Application Ref. No.
08	KAIT	JONESBORO AR	BMLCT -20030729AGS

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
07	KATV	LITTLE ROCK AR	194.9	CP	BPCT -
20050308ABM					
07	WBBJ-TV	JACKSON TN	204.2	LIC	BMLCT -
20030627AAG					
08	WSIU-TV	CARBONDALE IL	288.4	LIC	BLET -
20031215AAY					
08	KOMU-TV	COLUMBIA MO	353.4	LIC	BLCT -
19880427KG					
08	WTVA-TV	TUPELO MS	287.3	APP	BPRM -
20000731AAC					
08	WNPT	NASHVILLE TN	369.7	LIC	BLET -363
09	KAIT-DT	JONESBORO AR	0.0	PLN	DTVPLN -
DTVP0053					
09	KAIT	JONESBORO AR	0.2	LIC	BLCDT -
20030729AGW					
08	KTKO	HARRISON AR	206.1	APP	USERRECORD-01

Total scenarios = 3

Result key: 1
Scenario 1 Affected station 1 KAIT
Before Analysis

Results for:	8N AR JONESBORO	BMLCT	20030729AGS	LIC
		POPULATION	AREA (sq km)	
	within Noise Limited Contour	714511	41543.2	
	not affected by terrain losses	686526	39666.9	
	lost to NTSC IX	63862	3087.3	
	lost to additional IX by ATV	24	1.0	
	lost to all IX	63886	3088.3	

Potential Interfering Stations Included in above Scenario 1

7N AR LITTLE ROCK	BPCT	20050308ABM	CP
7N TN JACKSON	BMLCT	20030627AAG	LIC
8N IL CARBONDALE	BLET	20031215AAY	LIC
8N MO COLUMBIA	BLCT	19880427KG	LIC
8N TN NASHVILLE	BLET	363	LIC
9A AR JONESBORO	BLCDDT	20030729AGW	LIC

After Analysis

Results for:	8N AR JONESBORO	BMLCT	20030729AGS	LIC
		POPULATION	AREA (sq km)	
	within Noise Limited Contour	714511	41543.2	
	not affected by terrain losses	686526	39666.9	
	lost to NTSC IX	66270	3273.1	
	lost to additional IX by ATV	24	1.0	
	lost to all IX	66294	3274.1	

Potential Interfering Stations Included in above Scenario 1

7N AR LITTLE ROCK	BPCT	20050308ABM	CP
7N TN JACKSON	BMLCT	20030627AAG	LIC
8N IL CARBONDALE	BLET	20031215AAY	LIC
8N MO COLUMBIA	BLCT	19880427KG	LIC
8N TN NASHVILLE	BLET	363	LIC
9A AR JONESBORO	BLCDDT	20030729AGW	LIC
8N AR HARRISON	USERRECORD01		APP

Result key: 2
Scenario 2 Affected station 1 KAIT
Before Analysis

Results for:	8N AR JONESBORO	BMLCT	20030729AGS	LIC
		POPULATION	AREA (sq km)	
	within Noise Limited Contour	714511	41543.2	
	not affected by terrain losses	686526	39666.9	
	lost to NTSC IX	63862	3087.3	
	lost to additional IX by ATV	8991	202.7	
	lost to all IX	72853	3289.9	

Potential Interfering Stations Included in above Scenario 2

7N AR LITTLE ROCK	BPCT	20050308ABM	CP
7N TN JACKSON	BMLCT	20030627AAG	LIC
8N IL CARBONDALE	BLET	20031215AAY	LIC
8N MO COLUMBIA	BLCT	19880427KG	LIC
8N TN NASHVILLE	BLET	363	LIC
8A MS TUPELO	BPRM	20000731AAC	APP
9A AR JONESBORO	BLCDDT	20030729AGW	LIC

After Analysis

Results for:	8N AR JONESBORO	BMLCT	20030729AGS	LIC
		POPULATION	AREA (sq km)	
	within Noise Limited Contour	714511	41543.2	
	not affected by terrain losses	686526	39666.9	
	lost to NTSC IX	66270	3273.1	
	lost to additional IX by ATV	8991	202.7	
	lost to all IX	75261	3475.8	

Potential Interfering Stations Included in above Scenario 2

7N AR LITTLE ROCK	BPCT	20050308ABM	CP
7N TN JACKSON	BMLCT	20030627AAG	LIC
8N IL CARBONDALE	BLET	20031215AAY	LIC
8N MO COLUMBIA	BLCT	19880427KG	LIC
8N TN NASHVILLE	BLET	363	LIC
8A MS TUPELO	BPRM	20000731AAC	APP
9A AR JONESBORO	BLCDDT	20030729AGW	LIC
8N AR HARRISON	USERRECORD01		APP

Result key: 3
Scenario 3 Affected station 1 KAIT
Before Analysis

Results for:	8N AR JONESBORO	BMLCT	20030729AGS	LIC
		POPULATION	AREA (sq km)	
	within Noise Limited Contour	714511	41543.2	
	not affected by terrain losses	686526	39666.9	
	lost to NTSC IX	63862	3087.3	
	lost to additional IX by ATV	24	1.0	
	lost to all IX	63886	3088.3	

Potential Interfering Stations Included in above Scenario 3

7N AR LITTLE ROCK	BPCT	20050308ABM	CP
7N TN JACKSON	BMLCT	20030627AAG	LIC
8N IL CARBONDALE	BLET	20031215AAY	LIC
8N MO COLUMBIA	BLCT	19880427KG	LIC
8N TN NASHVILLE	BLET	363	LIC
9A AR JONESBORO	BLCDDT	20030729AGW	LIC

After Analysis

Results for:	8N AR JONESBORO	BMLCT	20030729AGS	LIC
		POPULATION	AREA (sq km)	
	within Noise Limited Contour	714511	41543.2	
	not affected by terrain losses	686526	39666.9	
	lost to NTSC IX	66270	3273.1	
	lost to additional IX by ATV	24	1.0	
	lost to all IX	66294	3274.1	

Potential Interfering Stations Included in above Scenario 3

7N AR LITTLE ROCK	BPCT	20050308ABM	CP
7N TN JACKSON	BMLCT	20030627AAG	LIC
8N IL CARBONDALE	BLET	20031215AAY	LIC
8N MO COLUMBIA	BLCT	19880427KG	LIC
8N TN NASHVILLE	BLET	363	LIC
9A AR JONESBORO	BLCDDT	20030729AGW	LIC
8N AR HARRISON	USERRECORD01		APP

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Analysis of Interference to Affected Station 2

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
08	KOMUTV	COLUMBIA MO	DTVPLN	-NPLN0544

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
07	KHQATV	HANNIBAL MO	144.7	PLN	DTVPLN	-
NPLN0481						
08	KAITTV	JONESBORO AR	353.4	PLN	DTVPLN	-
NPLN0518						
08	KCCI	DES MOINES IA	344.5	PLN	DTVPLN	-
NPLN0530						
08	WSIUTV	CARBONDALE IL	276.7	PLN	DTVPLN	-
NPLN0532						
08	WQADTV	MOLINE IL	313.5	PLN	DTVPLN	-
NPLN0533						
09	KMBCTV	KANSAS CITY MO	195.8	PLN	DTVPLN	-
NPLN0602						
09	KETC	ST. LOUIS MO	168.0	PLN	DTVPLN	-
NPLN0603						

Results for:	8N MO COLUMBIA	DTVPLN	NPLN0544	PLN
		POPULATION	AREA (sq km)	
within Noise Limited Contour		443768	26369.3	
not affected by terrain losses		429843	24973.3	
lost to NTSC IX		18454	3077.3	
lost to additional IX by ATV		0	0.0	
lost to all IX		18454	3077.3	

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
08	KOMU-TV	COLUMBIA MO	BLCT	-19880427KG

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
07	KHQA-TV	HANNIBAL MO	144.7	LIC	BLCT	-2379
07	KMBCTV	KANSAS CITY MO	195.8	LIC	BPRM	-
20000417AAA						
07	KMBC-TV	KANSAS CITY MO	195.8	LIC	BLCDT	-
20020424AAP						
08	KAIT	JONESBORO AR	353.4	LIC	BMLCT	-
20030729AGS						
08	KCCI	DES MOINES IA	344.5	LIC	BMLCT	-
20050628ACB						
08	WSIU-TV	CARBONDALE IL	276.7	LIC	BLET	-
20031215AAY						
08	WQAD-TV	MOLINE IL	313.5	LIC	BLCT	-1294
09	KMBC-TV	KANSAS CITY MO	195.8	LIC	BLCT	-
19891129KF						
09	KETC	ST. LOUIS MO	168.0	LIC	BMLET	-
20040930BGY						

08 KTKO HARRISON AR 310.9 APP USERRECORD-01

Total scenarios = 1

Result key: 4
Scenario 1 Affected station 2 KOMU-TV
Before Analysis

Results for: 8N MO COLUMBIA	BLCT	19880427KG	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	443768	26369.3	
not affected by terrain losses	429843	24973.3	
lost to NTSC IX	18673	3097.2	
lost to additional IX by ATV	0	0.0	
lost to all IX	18673	3097.2	

Potential Interfering Stations Included in above Scenario 1

7N MO HANNIBAL	BLCT	2379	LIC
8N AR JONESBORO	BMLCT	20030729AGS	LIC
8N IA DES MOINES	BMLCT	20050628ACB	LIC
8N IL CARBONDALE	BLET	20031215AAY	LIC
8N IL MOLINE	BLCT	1294	LIC
9N MO ST. LOUIS	BMLET	20040930BGY	LIC

After Analysis

Results for: 8N MO COLUMBIA	BLCT	19880427KG	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	443768	26369.3	
not affected by terrain losses	429843	24973.3	
lost to NTSC IX	20770	3222.9	
lost to additional IX by ATV	0	0.0	
lost to all IX	20770	3222.9	

Potential Interfering Stations Included in above Scenario 1

7N MO HANNIBAL	BLCT	2379	LIC
8N AR JONESBORO	BMLCT	20030729AGS	LIC
8N IA DES MOINES	BMLCT	20050628ACB	LIC
8N IL CARBONDALE	BLET	20031215AAY	LIC
8N IL MOLINE	BLCT	1294	LIC
9N MO ST. LOUIS	BMLET	20040930BGY	LIC
8N AR HARRISON	USERRECORD01	APP	

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Analysis of Interference to Affected Station 3

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
08	KTUL	TULSA OK	DTVPLN	-NPLN0558

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
07	KOAMTV	PITTSBURG KS	161.0	PLN	DTVPLN	-

NPLN0474	08	KPTS	HUTCHINSON KS	300.9	PLN	DTVPLN	-
NPLN0535	08	KWET-DT	CHEYENNE OK	367.7	PLN	DTVPLN	-
DTVP0047	08	WFAATV	DALLAS TX	396.4	PLN	DTVPLN	-
NPLN0567	09	KWTV	OKLAHOMA CITY OK	176.0	PLN	DTVPLN	-
NPLN0619							

Results for:	8N OK TULSA	DTVPLN	NPLN0558	PLN
		POPULATION	AREA (sq km)	
within Noise Limited Contour		1195659	43854.7	
not affected by terrain losses		1145161	40454.7	
lost to NTSC IX		46820	4154.5	
lost to additional IX by ATV		14	1.0	
lost to all IX		46834	4155.5	

Analysis of current record				
Channel	Call	City/State	Application Ref. No.	
08	KTUL	TULSA OK	BLCT	-19880602KE

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
07	KOAM-TV	PITTSBURG KS	161.0	LIC	BLCT	-2279
07	KOCO-TV	OKLAHOMA CITY OK	175.0	CP	BPCDT	-
20010904ABG						
07	KOCO-DR	OKLAHOMA CITY OK	175.0	LIC	BPRM	-
20000412AAA						
08	KPTS	HUTCHINSON KS	300.9	LIC	BLET	-263
08	KWET	CHEYENNE OK	367.7	LIC	BLEDT	-
20060601BMA						
08	KWET-DT	CHEYENNE OK	367.7	PLN	DTVPLN	-
DTVP0047						
08	WFAA-TV	DALLAS TX	396.4	LIC	BLCT	-
19900615KG						
09	KAFT-TV	FAYETTEVILLE AR	143.9	LIC	BPRM	-
20000823AAD						
09	KAFT	FAYETTEVILLE AR	143.9	LIC	BLEDT	-
20041213ABJ						
09	KWTV	OKLAHOMA CITY OK	176.0	LIC	BLCT	-
19860922KP						
08	KTKO	HARRISON AR	218.5	APP	USERRECORD-01	

Total scenarios = 8

Result key:	5
Scenario	1 Affected station
Before Analysis	3 KTUL

Results for:	8N OK TULSA	BLCT	19880602KE	LIC
		POPULATION	AREA (sq km)	
within Noise Limited Contour		1195659	43854.7	
not affected by terrain losses		1145161	40454.7	
lost to NTSC IX		46918	4155.5	
lost to additional IX by ATV		2241	140.2	
lost to all IX		49159	4295.7	

Potential Interfering Stations Included in above Scenario 1

7N KS PITTSBURG	BLCT	2279	LIC
8N KS HUTCHINSON	BLET	263	LIC
8N TX DALLAS	BLCT	19900615KG	LIC
9N OK OKLAHOMA CITY	BLCT	19860922KP	LIC
7A OK OKLAHOMA CITY	BPCDT	20010904ABG	CP
8A OK CHEYENNE	BLEDT	20060601BMA	LIC
9A AR FAYETTEVILLE	BPRM	20000823AAD	LIC

After Analysis

Results for: 8N OK TULSA	BLCT	19880602KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1195659	43854.7	
not affected by terrain losses	1145161	40454.7	
lost to NTSC IX	46958	4160.4	
lost to additional IX by ATV	2227	137.3	
lost to all IX	49185	4297.7	

Potential Interfering Stations Included in above Scenario 1

7N KS PITTSBURG	BLCT	2279	LIC
8N KS HUTCHINSON	BLET	263	LIC
8N TX DALLAS	BLCT	19900615KG	LIC
9N OK OKLAHOMA CITY	BLCT	19860922KP	LIC
7A OK OKLAHOMA CITY	BPCDT	20010904ABG	CP
8A OK CHEYENNE	BLEDT	20060601BMA	LIC
9A AR FAYETTEVILLE	BPRM	20000823AAD	LIC
8N AR HARRISON	USERRECORD01		APP

Result key: 6
 Scenario 2 Affected station 3 KTUL
 Before Analysis

Results for: 8N OK TULSA	BLCT	19880602KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1195659	43854.7	
not affected by terrain losses	1145161	40454.7	
lost to NTSC IX	46918	4155.5	
lost to additional IX by ATV	2235	139.2	
lost to all IX	49153	4294.7	

Potential Interfering Stations Included in above Scenario 2

7N KS PITTSBURG	BLCT	2279	LIC
8N KS HUTCHINSON	BLET	263	LIC
8N TX DALLAS	BLCT	19900615KG	LIC
9N OK OKLAHOMA CITY	BLCT	19860922KP	LIC
7A OK OKLAHOMA CITY	BPCDT	20010904ABG	CP
8A OK CHEYENNE	BLEDT	20060601BMA	LIC
9A AR FAYETTEVILLE	BLEDT	20041213ABJ	LIC

After Analysis

Results for: 8N OK TULSA	BLCT	19880602KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1195659	43854.7	
not affected by terrain losses	1145161	40454.7	
lost to NTSC IX	46958	4160.4	
lost to additional IX by ATV	2221	136.3	

lost to all IX 49179 4296.7

Potential Interfering Stations Included in above Scenario 2

7N KS PITTSBURG	BLCT	2279	LIC
8N KS HUTCHINSON	BLET	263	LIC
8N TX DALLAS	BLCT	19900615KG	LIC
9N OK OKLAHOMA CITY	BLCT	19860922KP	LIC
7A OK OKLAHOMA CITY	BPCDT	20010904ABG	CP
8A OK CHEYENNE	BLEDT	20060601BMA	LIC
9A AR FAYETTEVILLE	BLEDT	20041213ABJ	LIC
8N AR HARRISON	USERRECORD01		APP

Result key: 7
Scenario 3 Affected station 3 KTUL
Before Analysis

Results for: 8N OK TULSA	BLCT	19880602KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1195659	43854.7	
not affected by terrain losses	1145161	40454.7	
lost to NTSC IX	46918	4155.5	
lost to additional IX by ATV	2201	133.3	
lost to all IX	49119	4288.8	

Potential Interfering Stations Included in above Scenario 3

7N KS PITTSBURG	BLCT	2279	LIC
8N KS HUTCHINSON	BLET	263	LIC
8N TX DALLAS	BLCT	19900615KG	LIC
9N OK OKLAHOMA CITY	BLCT	19860922KP	LIC
7A OK OKLAHOMA CITY	BPCDT	20010904ABG	CP
8A OK CHEYENNE	DTVPLN	DTVP0047	PLN
9A AR FAYETTEVILLE	BPRM	20000823AAD	LIC

After Analysis

Results for: 8N OK TULSA	BLCT	19880602KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1195659	43854.7	
not affected by terrain losses	1145161	40454.7	
lost to NTSC IX	46958	4160.4	
lost to additional IX by ATV	2187	130.4	
lost to all IX	49145	4290.8	

Potential Interfering Stations Included in above Scenario 3

7N KS PITTSBURG	BLCT	2279	LIC
8N KS HUTCHINSON	BLET	263	LIC
8N TX DALLAS	BLCT	19900615KG	LIC
9N OK OKLAHOMA CITY	BLCT	19860922KP	LIC
7A OK OKLAHOMA CITY	BPCDT	20010904ABG	CP
8A OK CHEYENNE	DTVPLN	DTVP0047	PLN
9A AR FAYETTEVILLE	BPRM	20000823AAD	LIC
8N AR HARRISON	USERRECORD01		APP

Result key: 8
Scenario 4 Affected station 3 KTUL
Before Analysis

Results for: 8N OK TULSA	BLCT	19880602KE	LIC
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	POPULATION	AREA (sq km)
within Noise Limited Contour	1195659	43854.7
not affected by terrain losses	1145161	40454.7
lost to NTSC IX	46918	4155.5
lost to additional IX by ATV	2195	132.3
lost to all IX	49113	4287.8

Potential Interfering Stations Included in above Scenario 4

7N KS PITTSBURG	BLCT	2279	LIC
8N KS HUTCHINSON	BLET	263	LIC
8N TX DALLAS	BLCT	19900615KG	LIC
9N OK OKLAHOMA CITY	BLCT	19860922KP	LIC
7A OK OKLAHOMA CITY	BPCDT	20010904ABG	CP
8A OK CHEYENNE	DTVPLN	DTVP0047	PLN
9A AR FAYETTEVILLE	BLEDT	20041213ABJ	LIC

After Analysis

Results for: 8N OK TULSA BLCT 19880602KE LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	1195659	43854.7
not affected by terrain losses	1145161	40454.7
lost to NTSC IX	46958	4160.4
lost to additional IX by ATV	2181	129.4
lost to all IX	49139	4289.8

Potential Interfering Stations Included in above Scenario 4

7N KS PITTSBURG	BLCT	2279	LIC
8N KS HUTCHINSON	BLET	263	LIC
8N TX DALLAS	BLCT	19900615KG	LIC
9N OK OKLAHOMA CITY	BLCT	19860922KP	LIC
7A OK OKLAHOMA CITY	BPCDT	20010904ABG	CP
8A OK CHEYENNE	DTVPLN	DTVP0047	PLN
9A AR FAYETTEVILLE	BLEDT	20041213ABJ	LIC
8N AR HARRISON	USERRECORD01		APP

Result key: 9
 Scenario 5 Affected station 3 KTUL
 Before Analysis

Results for: 8N OK TULSA BLCT 19880602KE LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	1195659	43854.7
not affected by terrain losses	1145161	40454.7
lost to NTSC IX	46918	4155.5
lost to additional IX by ATV	2241	141.2
lost to all IX	49159	4296.7

Potential Interfering Stations Included in above Scenario 5

7N KS PITTSBURG	BLCT	2279	LIC
8N KS HUTCHINSON	BLET	263	LIC
8N TX DALLAS	BLCT	19900615KG	LIC
9N OK OKLAHOMA CITY	BLCT	19860922KP	LIC
7A OK OKLAHOMA CITY	BPRM	20000412AAA	LIC
8A OK CHEYENNE	BLEDT	20060601BMA	LIC
9A AR FAYETTEVILLE	BPRM	20000823AAD	LIC

After Analysis

Results for: 8N OK TULSA	BLCT	19880602KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1195659	43854.7	
not affected by terrain losses	1145161	40454.7	
lost to NTSC IX	46958	4160.4	
lost to additional IX by ATV	2227	138.3	
lost to all IX	49185	4298.7	

Potential Interfering Stations Included in above Scenario 5

7N KS PITTSBURG	BLCT	2279	LIC
8N KS HUTCHINSON	BLET	263	LIC
8N TX DALLAS	BLCT	19900615KG	LIC
9N OK OKLAHOMA CITY	BLCT	19860922KP	LIC
7A OK OKLAHOMA CITY	BPRM	20000412AAA	LIC
8A OK CHEYENNE	BLEDT	20060601BMA	LIC
9A AR FAYETTEVILLE	BPRM	20000823AAD	LIC
8N AR HARRISON	USERRECORD01		APP

Result key: 10
Scenario 6 Affected station 3 KTUL
Before Analysis

Results for: 8N OK TULSA	BLCT	19880602KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1195659	43854.7	
not affected by terrain losses	1145161	40454.7	
lost to NTSC IX	46918	4155.5	
lost to additional IX by ATV	2235	140.2	
lost to all IX	49153	4295.7	

Potential Interfering Stations Included in above Scenario 6

7N KS PITTSBURG	BLCT	2279	LIC
8N KS HUTCHINSON	BLET	263	LIC
8N TX DALLAS	BLCT	19900615KG	LIC
9N OK OKLAHOMA CITY	BLCT	19860922KP	LIC
7A OK OKLAHOMA CITY	BPRM	20000412AAA	LIC
8A OK CHEYENNE	BLEDT	20060601BMA	LIC
9A AR FAYETTEVILLE	BLEDT	20041213ABJ	LIC

After Analysis

Results for: 8N OK TULSA	BLCT	19880602KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1195659	43854.7	
not affected by terrain losses	1145161	40454.7	
lost to NTSC IX	46958	4160.4	
lost to additional IX by ATV	2221	137.3	
lost to all IX	49179	4297.7	

Potential Interfering Stations Included in above Scenario 6

7N KS PITTSBURG	BLCT	2279	LIC
8N KS HUTCHINSON	BLET	263	LIC
8N TX DALLAS	BLCT	19900615KG	LIC
9N OK OKLAHOMA CITY	BLCT	19860922KP	LIC
7A OK OKLAHOMA CITY	BPRM	20000412AAA	LIC
8A OK CHEYENNE	BLEDT	20060601BMA	LIC
9A AR FAYETTEVILLE	BLEDT	20041213ABJ	LIC

8N AR HARRISON USERRECORD01 APP

Result key: 11
Scenario 7 Affected station 3 KTUL
Before Analysis

Results for: 8N OK TULSA	BLCT	19880602KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1195659	43854.7	
not affected by terrain losses	1145161	40454.7	
lost to NTSC IX	46918	4155.5	
lost to additional IX by ATV	2201	134.3	
lost to all IX	49119	4289.8	

Potential Interfering Stations Included in above Scenario 7

7N KS PITTSBURG	BLCT	2279	LIC
8N KS HUTCHINSON	BLET	263	LIC
8N TX DALLAS	BLCT	19900615KG	LIC
9N OK OKLAHOMA CITY	BLCT	19860922KP	LIC
7A OK OKLAHOMA CITY	BPRM	20000412AAA	LIC
8A OK CHEYENNE	DTVPLN	DTVP0047	PLN
9A AR FAYETTEVILLE	BPRM	20000823AAD	LIC

After Analysis

Results for: 8N OK TULSA	BLCT	19880602KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1195659	43854.7	
not affected by terrain losses	1145161	40454.7	
lost to NTSC IX	46958	4160.4	
lost to additional IX by ATV	2187	131.3	
lost to all IX	49145	4291.8	

Potential Interfering Stations Included in above Scenario 7

7N KS PITTSBURG	BLCT	2279	LIC
8N KS HUTCHINSON	BLET	263	LIC
8N TX DALLAS	BLCT	19900615KG	LIC
9N OK OKLAHOMA CITY	BLCT	19860922KP	LIC
7A OK OKLAHOMA CITY	BPRM	20000412AAA	LIC
8A OK CHEYENNE	DTVPLN	DTVP0047	PLN
9A AR FAYETTEVILLE	BPRM	20000823AAD	LIC
8N AR HARRISON	USERRECORD01		APP

Result key: 12
Scenario 8 Affected station 3 KTUL
Before Analysis

Results for: 8N OK TULSA	BLCT	19880602KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1195659	43854.7	
not affected by terrain losses	1145161	40454.7	
lost to NTSC IX	46918	4155.5	
lost to additional IX by ATV	2195	133.3	
lost to all IX	49113	4288.8	

Potential Interfering Stations Included in above Scenario 8

7N KS PITTSBURG	BLCT	2279	LIC
8N KS HUTCHINSON	BLET	263	LIC

8N TX DALLAS	BLCT	19900615KG	LIC
9N OK OKLAHOMA CITY	BLCT	19860922KP	LIC
7A OK OKLAHOMA CITY	BPRM	20000412AAA	LIC
8A OK CHEYENNE	DTVPLN	DTVP0047	PLN
9A AR FAYETTEVILLE	BLEDT	20041213ABJ	LIC

After Analysis

Results for: 8N OK TULSA	BLCT	19880602KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1195659	43854.7	
not affected by terrain losses	1145161	40454.7	
lost to NTSC IX	46958	4160.4	
lost to additional IX by ATV	2181	130.4	
lost to all IX	49139	4290.8	

Potential Interfering Stations Included in above Scenario 8

7N KS PITTSBURG	BLCT	2279	LIC
8N KS HUTCHINSON	BLET	263	LIC
8N TX DALLAS	BLCT	19900615KG	LIC
9N OK OKLAHOMA CITY	BLCT	19860922KP	LIC
7A OK OKLAHOMA CITY	BPRM	20000412AAA	LIC
8A OK CHEYENNE	DTVPLN	DTVP0047	PLN
9A AR FAYETTEVILLE	BLEDT	20041213ABJ	LIC
8N AR HARRISON	USERRECORD01		APP

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
09	KAFT	FAYETTEVILLE AR	BLEDT	-20041213ABJ

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
08	KTUL	TULSA OK	143.9	LIC	BLCT	-
19880602KE						
09	KETG	ARKADELPHIA AR	227.9	LIC	BLET	-
20060627ACJ						
09	KAIT-DT	JONESBORO AR	278.7	PLN	DTVPLN	-
DTVP0053						
09	KAIT	JONESBORO AR	278.7	LIC	BLCDDT	-
20030729AGW						
09	KMBC-TV	KANSAS CITY MO	365.9	LIC	BLCT	-
19891129KF						
09	KWTV	OKLAHOMA CITY OK	314.6	LIC	BLCT	-
19860922KP						
10	KOLR	SPRINGFIELD MO	183.4	LIC	BLCT	-2247
10	KTUL	TULSA OK	143.9	LIC	BLCDDT	-
20030519ADL						
10	KTUL	TULSA OK	143.9	LIC	BPRM	-
20010525ADC						
08	KTKO	HARRISON AR	85.5	APP	USERRECORD-01	

Total scenarios = 4

Result key: 13
 Scenario 1 Affected station 4 KAFT
 Before Analysis

Results for: 9A AR FAYETTEVILLE BLEDT 20041213ABJ LIC
 HAAT 501.0 m, ATV ERP 19.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	746615	39711.7
not affected by terrain losses	702850	35888.7
lost to NTSC IX	26792	1173.7
lost to additional IX by ATV	1749	150.4
lost to ATV IX only	8631	467.1
lost to all IX	28541	1324.2

Potential Interfering Stations Included in above Scenario 1

8N OK TULSA	BLCT	19880602KE	LIC
9N AR ARKADELPHIA	BLET	20060627ACJ	LIC
9N MO KANSAS CITY	BLCT	19891129KF	LIC
9N OK OKLAHOMA CITY	BLCT	19860922KP	LIC
9A AR JONESBORO	DTVPLN	DTVP0053	PLN
10A OK TULSA	BLCDT	20030519ADL	LIC

After Analysis

Results for: 9A AR FAYETTEVILLE BLEDT 20041213ABJ LIC
 HAAT 501.0 m, ATV ERP 19.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	746615	39711.7
not affected by terrain losses	702850	35888.7
lost to NTSC IX	26803	1176.7
lost to additional IX by ATV	1749	150.4
lost to ATV IX only	8631	467.1
lost to all IX	28552	1327.1

Potential Interfering Stations Included in above Scenario 1

8N OK TULSA	BLCT	19880602KE	LIC
9N AR ARKADELPHIA	BLET	20060627ACJ	LIC
9N MO KANSAS CITY	BLCT	19891129KF	LIC
9N OK OKLAHOMA CITY	BLCT	19860922KP	LIC
9A AR JONESBORO	DTVPLN	DTVP0053	PLN
10A OK TULSA	BLCDT	20030519ADL	LIC
8N AR HARRISON	USERRECORD01		APP

Result key: 14
 Scenario 2 Affected station 4 KAFT
 Before Analysis

Results for: 9A AR FAYETTEVILLE BLEDT 20041213ABJ LIC
 HAAT 501.0 m, ATV ERP 19.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	746615	39711.7
not affected by terrain losses	702850	35888.7
lost to NTSC IX	26792	1173.7
lost to additional IX by ATV	1613	138.6
lost to ATV IX only	8369	445.3
lost to all IX	28405	1312.3

Potential Interfering Stations Included in above Scenario 2

8N OK TULSA	BLCT	19880602KE	LIC
9N AR ARKADELPHIA	BLET	20060627ACJ	LIC
9N MO KANSAS CITY	BLCT	19891129KF	LIC
9N OK OKLAHOMA CITY	BLCT	19860922KP	LIC
9A AR JONESBORO	DTVPLN	DTVP0053	PLN
10A OK TULSA	BPRM	20010525ADC	LIC

After Analysis

Results for: 9A AR FAYETTEVILLE BLEDT 20041213ABJ LIC
 HAAT 501.0 m, ATV ERP 19.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	746615	39711.7
not affected by terrain losses	702850	35888.7
lost to NTSC IX	26803	1176.7
lost to additional IX by ATV	1613	138.6
lost to ATV IX only	8369	445.3
lost to all IX	28416	1315.2

Potential Interfering Stations Included in above Scenario 2

8N OK TULSA	BLCT	19880602KE	LIC
9N AR ARKADELPHIA	BLET	20060627ACJ	LIC
9N MO KANSAS CITY	BLCT	19891129KF	LIC
9N OK OKLAHOMA CITY	BLCT	19860922KP	LIC
9A AR JONESBORO	DTVPLN	DTVP0053	PLN
10A OK TULSA	BPRM	20010525ADC	LIC
8N AR HARRISON	USERRECORD01		APP

Result key: 15
 Scenario 3 Affected station 4 KAFT
 Before Analysis

Results for: 9A AR FAYETTEVILLE BLEDT 20041213ABJ LIC
 HAAT 501.0 m, ATV ERP 19.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	746615	39711.7
not affected by terrain losses	702850	35888.7
lost to NTSC IX	26792	1173.7
lost to additional IX by ATV	4060	278.1
lost to ATV IX only	12717	708.6
lost to all IX	30852	1451.8

Potential Interfering Stations Included in above Scenario 3

8N OK TULSA	BLCT	19880602KE	LIC
9N AR ARKADELPHIA	BLET	20060627ACJ	LIC
9N MO KANSAS CITY	BLCT	19891129KF	LIC
9N OK OKLAHOMA CITY	BLCT	19860922KP	LIC
9A AR JONESBORO	BLCDDT	20030729AGW	LIC
10A OK TULSA	BLCDDT	20030519ADL	LIC

After Analysis

Results for: 9A AR FAYETTEVILLE BLEDT 20041213ABJ LIC
 HAAT 501.0 m, ATV ERP 19.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	746615	39711.7
not affected by terrain losses	702850	35888.7

lost to NTSC IX	26803	1176.7
lost to additional IX by ATV	4049	277.1
lost to ATV IX only	12717	708.6
lost to all IX	30852	1453.8

Potential Interfering Stations Included in above Scenario 3

8N OK TULSA	BLCT	19880602KE	LIC
9N AR ARKADELPHIA	BLET	20060627ACJ	LIC
9N MO KANSAS CITY	BLCT	19891129KF	LIC
9N OK OKLAHOMA CITY	BLCT	19860922KP	LIC
9A AR JONESBORO	BLCDDT	20030729AGW	LIC
10A OK TULSA	BLCDDT	20030519ADL	LIC
8N AR HARRISON	USERRECORD01		APP

Result key: 16
 Scenario 4 Affected station 4 KAFT
 Before Analysis

Results for: 9A AR FAYETTEVILLE BLEDT 20041213ABJ LIC
 HAAT 501.0 m, ATV ERP 19.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	746615	39711.7
not affected by terrain losses	702850	35888.7
lost to NTSC IX	26792	1173.7
lost to additional IX by ATV	3924	266.2
lost to ATV IX only	12455	686.8
lost to all IX	30716	1439.9

Potential Interfering Stations Included in above Scenario 4

8N OK TULSA	BLCT	19880602KE	LIC
9N AR ARKADELPHIA	BLET	20060627ACJ	LIC
9N MO KANSAS CITY	BLCT	19891129KF	LIC
9N OK OKLAHOMA CITY	BLCT	19860922KP	LIC
9A AR JONESBORO	BLCDDT	20030729AGW	LIC
10A OK TULSA	BPRM	20010525ADC	LIC

After Analysis

Results for: 9A AR FAYETTEVILLE BLEDT 20041213ABJ LIC
 HAAT 501.0 m, ATV ERP 19.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	746615	39711.7
not affected by terrain losses	702850	35888.7
lost to NTSC IX	26803	1176.7
lost to additional IX by ATV	3913	265.2
lost to ATV IX only	12455	686.8
lost to all IX	30716	1441.9

Potential Interfering Stations Included in above Scenario 4

8N OK TULSA	BLCT	19880602KE	LIC
9N AR ARKADELPHIA	BLET	20060627ACJ	LIC
9N MO KANSAS CITY	BLCT	19891129KF	LIC
9N OK OKLAHOMA CITY	BLCT	19860922KP	LIC
9A AR JONESBORO	BLCDDT	20030729AGW	LIC
10A OK TULSA	BPRM	20010525ADC	LIC
8N AR HARRISON	USERRECORD01		APP

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application Ref. No.
08	KTKO	HARRISON AR	USERRECORD-01

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
08	KAIT	JONESBORO AR	206.1	LIC	BMLCT -
20030729AGS					
08	KOMU-TV	COLUMBIA MO	310.9	LIC	BLCT -
19880427KG					
08	KTUL	TULSA OK	218.5	LIC	BLCT -
19880602KE					
09	KAFT-TV	FAYETTEVILLE AR	85.5	LIC	BPRM -
20000823AAD					
09	KAFT	FAYETTEVILLE AR	85.5	LIC	BLEDT -
20041213ABJ					

Total scenarios = 1

Result key: 17

Scenario 1 Affected station 5 KTKO

Before Analysis

Results for: 8N AR HARRISON	USERRECORD01	APP
	POPULATION	AREA (sq km)
within Noise Limited Contour	28633	1635.7
not affected by terrain losses	26397	1460.5
lost to NTSC IX	120	50.2
lost to additional IX by ATV	0	0.0
lost to all IX	120	50.2

Potential Interfering Stations Included in above Scenario 1

8N AR JONESBORO	BMLCT	20030729AGS	LIC
8N MO COLUMBIA	BLCT	19880427KG	LIC
8N OK TULSA	BLCT	19880602KE	LIC

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