

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/cdb/pt\_tvdb.sff  
 TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 11-22-2011 Time: 16:40:24

Record Selected for Analysis

W08AT USERRECORD-01 CHEROKEE NC  
 US  
 Channel 08 ERP 0.0348 kW HAAT 30. m RCAMSL 00762 m  
 SIMPLE MASK  
 Latitude 035-28-24 Longitude 0083-19-22  
 Status APP Zone 2 Border Site number: 01  
 Dir Antenna Make usr Model W08AT-2 Beam tilt N Ref  
 Azimuth 0.  
 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	48.0 dBu F(50,90)
(Deg)	(kW)	(m)	(km)
0.0	0.029	33.0	10.3
45.0	0.014	33.0	8.5
90.0	0.029	33.0	10.3
135.0	0.033	33.0	10.6
180.0	0.015	33.0	8.6
225.0	0.001	33.0	4.8
270.0	0.001	33.0	4.7
315.0	0.003	33.0	5.6

Database HAAT does not agree with computed HAAT  
 Database HAAT: 30 Computed HAAT: 33

Contour Overlap to Proposed Station

Station  
W08AN 8 BRYSON CITY, ETC. NC BLTTV19800725IC  
causes

Contour overlap to Digital LPTV station  
W08AT 8 CHEROKEE NC USERRECORD01

Station  
W08AO 8 CANTON, ETC. NC BLTTV1158  
causes

Contour overlap to Digital LPTV station  
W08AT 8 CHEROKEE NC USERRECORD01

Station  
W08AT 8 CHEROKEE, ETC. NC BLTTV4878

Station inside contour of Digital LPTV station  
W08AT 8 CHEROKEE NC USERRECORD01

Contour Overlap Evaluation to Proposed Station  
Complete

#### Checks to Site Number 01

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination  
distance

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

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#### Start of Interference Analysis

Proposed Station			
Channel	Call	City/State	ARN
08	W08AT	CHEROKEE NC	USERRECORD01

#### Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status
Application Ref. No.				
07	WSPA-TV	SPARTANBURG SC	99.5	LIC BLCDT



%%%%%%%%

Analysis of Interference to Affected Station 1

Analysis of current record

Channel No.	Call	City/State	Application	Ref.
07	WSPA-TV	SPARTANBURG SC	BLCDT	-
20090918ACF				

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status
Application Ref. No.				
07	WCIQ	MOUNT CHEAHA AL	373.3	LIC BLEDT
-20090227AAW				
07	WCIQ	MOUNT CHEAHA AL	373.3	APP BPEDT
-20110921ABU				
07	WMUM-TV	COCHRAN GA	313.1	LIC BLEDT
-20080423AAM				
07	WLJC-TV	BEATTYVILLE KY	298.3	CP BPCDT
-20111003AFG				
07	WLJC-TV	BEATTYVILLE KY	298.3	LIC BLCDT
-20090220ACR				
07	WLJC-TV	BEATTYVILLE KY	298.3	APP BPCDT
-20111114BGR				
07	WITV	CHARLESTON SC	345.3	LIC BLEDT
-20090304ABI				
07	WMAK	KNOXVILLE TN	175.3	LIC BLCDT
-20040810ABE				
08	WGTV	ATHENS GA	227.7	LIC BLEDT
-20090612ACE				
08	WOLO-TV	COLUMBIA SC	182.2	LIC BLCDT
-20100614AIP				
08	W08AT	CHEROKEE NC	99.5	APP
USERRECORD-01				

Total scenarios = 6

Result key: 1  
Scenario 1 Affected station 1  
Before Analysis

Results for: 7A SC SPARTANBURG BLCDT 20090918ACF  
LIC

HAAT 667.0 m, ATV ERP 25.7 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2998850	47929.9
not affected by terrain losses	2868247	43957.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	11255	749.3
lost to ATV IX only	11255	749.3
lost to all IX	11255	749.3

Potential Interfering Stations Included in above Scenario

1

7A AL MOUNT CHEAHA	BLEDT	20090227AAW	LIC
7A GA COCHRAN	BLEDT	20080423AAM	LIC
7A KY BEATTYVILLE	BPCDT	20111003AFG	CP
7A SC CHARLESTON	BLEDT	20090304ABI	LIC
7A TN KNOXVILLE	BLCDT	20040810ABE	LIC
8A SC COLUMBIA	BLCDT	20100614AIP	LIC

After Analysis

Results for: 7A SC SPARTANBURG BLCDT 20090918ACF  
LIC

HAAT 667.0 m, ATV ERP 25.7 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	2998850	47929.9
not affected by terrain losses	2868247	43957.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	12329	764.3
lost to ATV IX only	12329	764.3
lost to all IX	12329	764.3

Potential Interfering Stations Included in above Scenario

1

7A AL MOUNT CHEAHA	BLEDT	20090227AAW	LIC
7A GA COCHRAN	BLEDT	20080423AAM	LIC
7A KY BEATTYVILLE	BPCDT	20111003AFG	CP
7A SC CHARLESTON	BLEDT	20090304ABI	LIC
7A TN KNOXVILLE	BLCDT	20040810ABE	LIC
8A SC COLUMBIA	BLCDT	20100614AIP	LIC
8A NC CHEROKEE	USERRECORD01		APP

Percent new IX = 0.0376%

Result key: 2  
Scenario 2 Affected station 1  
Before Analysis

Results for: 7A SC SPARTANBURG BLCDT 20090918ACF  
LIC

HAAT 667.0 m, ATV ERP 25.7 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	2998850	47929.9
not affected by terrain losses	2868247	43957.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	11253	746.3
lost to ATV IX only	11253	746.3
lost to all IX	11253	746.3

Potential Interfering Stations Included in above Scenario

2

7A AL MOUNT CHEAHA	BLEDT	20090227AAW	LIC
7A GA COCHRAN	BLEDT	20080423AAM	LIC
7A KY BEATTYVILLE	BLCDT	20090220ACR	LIC

7A SC CHARLESTON	BLEDT	20090304ABI	LIC
7A TN KNOXVILLE	BLCDT	20040810ABE	LIC
8A SC COLUMBIA	BLCDT	20100614AIP	LIC

After Analysis

Results for: 7A SC SPARTANBURG BLCDT 20090918ACF  
LIC

HAAT 667.0 m, ATV ERP 25.7 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	2998850	47929.9
not affected by terrain losses	2868247	43957.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	12327	761.3
lost to ATV IX only	12327	761.3
lost to all IX	12327	761.3

Potential Interfering Stations Included in above Scenario

2

7A AL MOUNT CHEAHA	BLEDT	20090227AAW	LIC
7A GA COCHRAN	BLEDT	20080423AAM	LIC
7A KY BEATTYVILLE	BLCDT	20090220ACR	LIC
7A SC CHARLESTON	BLEDT	20090304ABI	LIC
7A TN KNOXVILLE	BLCDT	20040810ABE	LIC
8A SC COLUMBIA	BLCDT	20100614AIP	LIC
8A NC CHEROKEE	USERRECORD01		APP

Percent new IX = 0.0376%

Result key: 3  
Scenario 3 Affected station 1  
Before Analysis

Results for: 7A SC SPARTANBURG BLCDT 20090918ACF  
LIC

HAAT 667.0 m, ATV ERP 25.7 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	2998850	47929.9
not affected by terrain losses	2868247	43957.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	11361	757.3
lost to ATV IX only	11361	757.3
lost to all IX	11361	757.3

Potential Interfering Stations Included in above Scenario

3

7A AL MOUNT CHEAHA	BLEDT	20090227AAW	LIC
7A GA COCHRAN	BLEDT	20080423AAM	LIC
7A KY BEATTYVILLE	BPCDT	20111114BGR	APP
7A SC CHARLESTON	BLEDT	20090304ABI	LIC
7A TN KNOXVILLE	BLCDT	20040810ABE	LIC
8A SC COLUMBIA	BLCDT	20100614AIP	LIC

After Analysis

Results for: 7A SC SPARTANBURG BLCDT 20090918ACF  
LIC

HAAT 667.0 m, ATV ERP 25.7 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	2998850	47929.9
not affected by terrain losses	2868247	43957.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	12435	772.3
lost to ATV IX only	12435	772.3
lost to all IX	12435	772.3

Potential Interfering Stations Included in above Scenario

3

7A AL MOUNT CHEAHA	BLEDT	20090227AAW	LIC
7A GA COCHRAN	BLEDT	20080423AAM	LIC
7A KY BEATTYVILLE	BPCDT	20111114BGR	APP
7A SC CHARLESTON	BLEDT	20090304ABI	LIC
7A TN KNOXVILLE	BLCDT	20040810ABE	LIC
8A SC COLUMBIA	BLCDT	20100614AIP	LIC
8A NC CHEROKEE	USERRECORD01		APP

Percent new IX = 0.0376%

Result key: 4  
Scenario 4 Affected station 1  
Before Analysis

Results for: 7A SC SPARTANBURG BLCDT 20090918ACF  
LIC

HAAT 667.0 m, ATV ERP 25.7 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	2998850	47929.9
not affected by terrain losses	2868247	43957.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	11255	752.3
lost to ATV IX only	11255	752.3
lost to all IX	11255	752.3

Potential Interfering Stations Included in above Scenario

4

7A AL MOUNT CHEAHA	BPEDT	20110921ABU	APP
7A GA COCHRAN	BLEDT	20080423AAM	LIC
7A KY BEATTYVILLE	BPCDT	20111003AFG	CP
7A SC CHARLESTON	BLEDT	20090304ABI	LIC
7A TN KNOXVILLE	BLCDT	20040810ABE	LIC
8A SC COLUMBIA	BLCDT	20100614AIP	LIC

After Analysis

Results for: 7A SC SPARTANBURG BLCDT 20090918ACF  
LIC

HAAT 667.0 m, ATV ERP 25.7 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	2998850	47929.9
not affected by terrain losses	2868247	43957.9

lost to NTSC IX	0	0.0
lost to additional IX by ATV	12329	767.3
lost to ATV IX only	12329	767.3
lost to all IX	12329	767.3

Potential Interfering Stations Included in above Scenario

4

7A AL MOUNT CHEAHA	BPEDT	20110921ABU	APP
7A GA COCHRAN	BLEDT	20080423AAM	LIC
7A KY BEATTYVILLE	BPCDT	20111003AFG	CP
7A SC CHARLESTON	BLEDT	20090304ABI	LIC
7A TN KNOXVILLE	BLCDT	20040810ABE	LIC
8A SC COLUMBIA	BLCDT	20100614AIP	LIC
8A NC CHEROKEE	USERRECORD01		APP

Percent new IX = 0.0376%

Result key: 5  
 Scenario 5 Affected station 1  
 Before Analysis

Results for: 7A SC SPARTANBURG BLCDT 20090918ACF  
 LIC

HAAT 667.0 m, ATV ERP 25.7 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	2998850	47929.9
not affected by terrain losses	2868247	43957.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	11253	749.3
lost to ATV IX only	11253	749.3
lost to all IX	11253	749.3

Potential Interfering Stations Included in above Scenario

5

7A AL MOUNT CHEAHA	BPEDT	20110921ABU	APP
7A GA COCHRAN	BLEDT	20080423AAM	LIC
7A KY BEATTYVILLE	BLCDT	20090220ACR	LIC
7A SC CHARLESTON	BLEDT	20090304ABI	LIC
7A TN KNOXVILLE	BLCDT	20040810ABE	LIC
8A SC COLUMBIA	BLCDT	20100614AIP	LIC

After Analysis

Results for: 7A SC SPARTANBURG BLCDT 20090918ACF  
 LIC

HAAT 667.0 m, ATV ERP 25.7 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	2998850	47929.9
not affected by terrain losses	2868247	43957.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	12327	764.3
lost to ATV IX only	12327	764.3
lost to all IX	12327	764.3

Potential Interfering Stations Included in above Scenario



5

7A AL MOUNT CHEAHA	BPEDT	20110921ABU	APP
7A GA COCHRAN	BLEDT	20080423AAM	LIC
7A KY BEATTYVILLE	BLCDT	20090220ACR	LIC
7A SC CHARLESTON	BLEDT	20090304ABI	LIC
7A TN KNOXVILLE	BLCDT	20040810ABE	LIC
8A SC COLUMBIA	BLCDT	20100614AIP	LIC
8A NC CHEROKEE	USERRECORD01		APP

Percent new IX = 0.0376%

Result key: 6  
 Scenario 6 Affected station 1  
 Before Analysis

Results for: 7A SC SPARTANBURG BLCDT 20090918ACF  
 LIC

HAAT 667.0 m, ATV ERP 25.7 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	2998850	47929.9
not affected by terrain losses	2868247	43957.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	11361	760.3
lost to ATV IX only	11361	760.3
lost to all IX	11361	760.3

Potential Interfering Stations Included in above Scenario  
 6

7A AL MOUNT CHEAHA	BPEDT	20110921ABU	APP
7A GA COCHRAN	BLEDT	20080423AAM	LIC
7A KY BEATTYVILLE	BPCDT	20111114BGR	APP
7A SC CHARLESTON	BLEDT	20090304ABI	LIC
7A TN KNOXVILLE	BLCDT	20040810ABE	LIC
8A SC COLUMBIA	BLCDT	20100614AIP	LIC

After Analysis

Results for: 7A SC SPARTANBURG BLCDT 20090918ACF  
 LIC

HAAT 667.0 m, ATV ERP 25.7 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	2998850	47929.9
not affected by terrain losses	2868247	43957.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	12435	775.3
lost to ATV IX only	12435	775.3
lost to all IX	12435	775.3

Potential Interfering Stations Included in above Scenario  
 6

7A AL MOUNT CHEAHA	BPEDT	20110921ABU	APP
7A GA COCHRAN	BLEDT	20080423AAM	LIC
7A KY BEATTYVILLE	BPCDT	20111114BGR	APP
7A SC CHARLESTON	BLEDT	20090304ABI	LIC

7A TN KNOXVILLE	BLCDT	20040810ABE	LIC
8A SC COLUMBIA	BLCDT	20100614AIP	LIC
8A NC CHEROKEE	USERRECORD01		APP

Percent new IX = 0.0376%

Worst case new IX 0.0376% Scenario 3

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## Analysis of Interference to Affected Station 2

### Analysis of current record

Channel No.	Call	City/State	Application	Ref.
07	WMAK	KNOXVILLE TN	BLCDT	-
20040810ABE				

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status
Application Ref. No.				
07	WCIQ	MOUNT CHEAHA AL	328.8	LIC BLEDT
-20090227AAW				
07	WCIQ	MOUNT CHEAHA AL	328.8	APP BPEDT
-20110921ABU				
07	WMUM-TV	COCHRAN GA	398.4	LIC BLEDT
-20080423AAM				
07	WEHT	EVANSVILLE IN	383.1	LIC BLCDT
-20090928AKE				
07	WLJC-TV	BEATTYVILLE KY	179.7	CP BPCDT
-20111003AFG				
07	WLJC-TV	BEATTYVILLE KY	179.7	LIC BLCDT
-20090220ACR				
07	WLJC-TV	BEATTYVILLE KY	179.7	APP BPCDT
-20111114BGR				
07	WSPA-TV	SPARTANBURG SC	175.3	LIC BLCDT
-20090918ACF				
08	W08AT	CHEROKEE NC	81.1	APP
USERRECORD-01				

Total scenarios = 6

Result key: 7  
Scenario 1 Affected station 2  
Before Analysis

Results for: 7A TN KNOXVILLE BLCDT 20040810ABE  
LIC

HAAT	382.0 m,	ATV ERP	55.0 kW	
		POPULATION	AREA (sq km)	
within Noise Limited Contour		1505310	35946.0	
not affected by terrain losses		1320193	29160.9	

lost to NTSC IX	0	0.0
lost to additional IX by ATV	43150	1903.9
lost to ATV IX only	43150	1903.9
lost to all IX	43150	1903.9

Potential Interfering Stations Included in above Scenario

1

7A AL MOUNT CHEAHA	BLEDT	20090227AAW	LIC
7A GA COCHRAN	BLEDT	20080423AAM	LIC
7A IN EVANSVILLE	BLCDT	20090928AKE	LIC
7A KY BEATTYVILLE	BPCDT	20111003AFG	CP
7A SC SPARTANBURG	BLCDT	20090918ACF	LIC

After Analysis

Results for: 7A TN KNOXVILLE BLCDT 20040810ABE  
LIC

HAAT 382.0 m, ATV ERP 55.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1505310	35946.0
not affected by terrain losses	1320193	29160.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	43859	1933.5
lost to ATV IX only	43859	1933.5
lost to all IX	43859	1933.5

Potential Interfering Stations Included in above Scenario

1

7A AL MOUNT CHEAHA	BLEDT	20090227AAW	LIC
7A GA COCHRAN	BLEDT	20080423AAM	LIC
7A IN EVANSVILLE	BLCDT	20090928AKE	LIC
7A KY BEATTYVILLE	BPCDT	20111003AFG	CP
7A SC SPARTANBURG	BLCDT	20090918ACF	LIC
8A NC CHEROKEE	USERRECORD01		APP

Percent new IX = 0.0555%

Result key: 8

Scenario 2 Affected station 2

Before Analysis

Results for: 7A TN KNOXVILLE BLCDT 20040810ABE  
LIC

HAAT 382.0 m, ATV ERP 55.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1505310	35946.0
not affected by terrain losses	1320193	29160.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	46079	1967.1
lost to ATV IX only	46079	1967.1
lost to all IX	46079	1967.1

Potential Interfering Stations Included in above Scenario

2

7A AL MOUNT CHEAHA	BLEDT	20090227AAW	LIC
7A GA COCHRAN	BLEDT	20080423AAM	LIC
7A IN EVANSVILLE	BLCDT	20090928AKE	LIC
7A KY BEATTYVILLE	BLCDT	20090220ACR	LIC
7A SC SPARTANBURG	BLCDT	20090918ACF	LIC

After Analysis

Results for: 7A TN KNOXVILLE BLCDT 20040810ABE  
LIC

HAAT 382.0 m, ATV ERP 55.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	1505310	35946.0
not affected by terrain losses	1320193	29160.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	46788	1996.8
lost to ATV IX only	46788	1996.8
lost to all IX	46788	1996.8

Potential Interfering Stations Included in above Scenario

2

7A AL MOUNT CHEAHA	BLEDT	20090227AAW	LIC
7A GA COCHRAN	BLEDT	20080423AAM	LIC
7A IN EVANSVILLE	BLCDT	20090928AKE	LIC
7A KY BEATTYVILLE	BLCDT	20090220ACR	LIC
7A SC SPARTANBURG	BLCDT	20090918ACF	LIC
8A NC CHEROKEE	USERRECORD01		APP

Percent new IX = 0.0556%

Result key: 9  
Scenario 3 Affected station 2  
Before Analysis

Results for: 7A TN KNOXVILLE BLCDT 20040810ABE  
LIC

HAAT 382.0 m, ATV ERP 55.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	1505310	35946.0
not affected by terrain losses	1320193	29160.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	41063	1803.0
lost to ATV IX only	41063	1803.0
lost to all IX	41063	1803.0

Potential Interfering Stations Included in above Scenario

3

7A AL MOUNT CHEAHA	BLEDT	20090227AAW	LIC
7A GA COCHRAN	BLEDT	20080423AAM	LIC
7A IN EVANSVILLE	BLCDT	20090928AKE	LIC
7A KY BEATTYVILLE	BPCDT	20111114BGR	APP
7A SC SPARTANBURG	BLCDT	20090918ACF	LIC

After Analysis

Results for: 7A TN KNOXVILLE BLCDT 20040810ABE  
LIC

HAAT 382.0 m, ATV ERP 55.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	1505310	35946.0
not affected by terrain losses	1320193	29160.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	41772	1832.7
lost to ATV IX only	41772	1832.7
lost to all IX	41772	1832.7

Potential Interfering Stations Included in above Scenario

3

7A AL MOUNT CHEAHA	BLEDT	20090227AAW	LIC
7A GA COCHRAN	BLEDT	20080423AAM	LIC
7A IN EVANSVILLE	BLCDT	20090928AKE	LIC
7A KY BEATTYVILLE	BPCDT	20111114BGR	APP
7A SC SPARTANBURG	BLCDT	20090918ACF	LIC
8A NC CHEROKEE	USERRECORD01		APP

Percent new IX = 0.0554%

Result key: 10  
Scenario 4 Affected station 2  
Before Analysis

Results for: 7A TN KNOXVILLE BLCDT 20040810ABE  
LIC

HAAT 382.0 m, ATV ERP 55.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	1505310	35946.0
not affected by terrain losses	1320193	29160.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	43503	1938.5
lost to ATV IX only	43503	1938.5
lost to all IX	43503	1938.5

Potential Interfering Stations Included in above Scenario

4

7A AL MOUNT CHEAHA	BPEDT	20110921ABU	APP
7A GA COCHRAN	BLEDT	20080423AAM	LIC
7A IN EVANSVILLE	BLCDT	20090928AKE	LIC
7A KY BEATTYVILLE	BPCDT	20111003AFG	CP
7A SC SPARTANBURG	BLCDT	20090918ACF	LIC

After Analysis

Results for: 7A TN KNOXVILLE BLCDT 20040810ABE  
LIC

HAAT 382.0 m, ATV ERP 55.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	1505310	35946.0
not affected by terrain losses	1320193	29160.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	44212	1968.1

lost to ATV IX only	44212	1968.1
lost to all IX	44212	1968.1

Potential Interfering Stations Included in above Scenario

4

7A AL MOUNT CHEAHA	BPEDT	20110921ABU	APP
7A GA COCHRAN	BLEDT	20080423AAM	LIC
7A IN EVANSVILLE	BLCDDT	20090928AKE	LIC
7A KY BEATTYVILLE	BPCDDT	20111003AFG	CP
7A SC SPARTANBURG	BLCDDT	20090918ACF	LIC
8A NC CHEROKEE	USERRECORD01		APP

Percent new IX = 0.0555%

Result key: 11  
 Scenario 5 Affected station 2  
 Before Analysis

Results for: 7A TN KNOXVILLE BLCDDT 20040810ABE  
 LIC

HAAT 382.0 m, ATV ERP 55.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	1505310	35946.0
not affected by terrain losses	1320193	29160.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	46417	2000.7
lost to ATV IX only	46417	2000.7
lost to all IX	46417	2000.7

Potential Interfering Stations Included in above Scenario

5

7A AL MOUNT CHEAHA	BPEDT	20110921ABU	APP
7A GA COCHRAN	BLEDT	20080423AAM	LIC
7A IN EVANSVILLE	BLCDDT	20090928AKE	LIC
7A KY BEATTYVILLE	BLCDDT	20090220ACR	LIC
7A SC SPARTANBURG	BLCDDT	20090918ACF	LIC

After Analysis

Results for: 7A TN KNOXVILLE BLCDDT 20040810ABE  
 LIC

HAAT 382.0 m, ATV ERP 55.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	1505310	35946.0
not affected by terrain losses	1320193	29160.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	47126	2030.4
lost to ATV IX only	47126	2030.4
lost to all IX	47126	2030.4

Potential Interfering Stations Included in above Scenario

5

7A AL MOUNT CHEAHA	BPEDT	20110921ABU	APP
7A GA COCHRAN	BLEDT	20080423AAM	LIC

7A IN EVANSVILLE	BLCDT	20090928AKE	LIC
7A KY BEATTYVILLE	BLCDT	20090220ACR	LIC
7A SC SPARTANBURG	BLCDT	20090918ACF	LIC
8A NC CHEROKEE	USERRECORD01		APP

Percent new IX = 0.0557%

Result key: 12  
 Scenario 6 Affected station 2  
 Before Analysis

Results for: 7A TN KNOXVILLE BLCDT 20040810ABE  
 LIC

HAAT 382.0 m, ATV ERP 55.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	1505310	35946.0
not affected by terrain losses	1320193	29160.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	41510	1842.6
lost to ATV IX only	41510	1842.6
lost to all IX	41510	1842.6

Potential Interfering Stations Included in above Scenario  
 6

7A AL MOUNT CHEAHA	BPEDT	20110921ABU	APP
7A GA COCHRAN	BLEDT	20080423AAM	LIC
7A IN EVANSVILLE	BLCDT	20090928AKE	LIC
7A KY BEATTYVILLE	BPCDT	20111114BGR	APP
7A SC SPARTANBURG	BLCDT	20090918ACF	LIC

After Analysis

Results for: 7A TN KNOXVILLE BLCDT 20040810ABE  
 LIC

HAAT 382.0 m, ATV ERP 55.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	1505310	35946.0
not affected by terrain losses	1320193	29160.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	42219	1872.2
lost to ATV IX only	42219	1872.2
lost to all IX	42219	1872.2

Potential Interfering Stations Included in above Scenario  
 6

7A AL MOUNT CHEAHA	BPEDT	20110921ABU	APP
7A GA COCHRAN	BLEDT	20080423AAM	LIC
7A IN EVANSVILLE	BLCDT	20090928AKE	LIC
7A KY BEATTYVILLE	BPCDT	20111114BGR	APP
7A SC SPARTANBURG	BLCDT	20090918ACF	LIC
8A NC CHEROKEE	USERRECORD01		APP

Percent new IX = 0.0554%

Worst case new IX 0.0557% Scenario 5

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#### Analysis of Interference to Affected Station 3

##### Analysis of current record

Channel No.	Call	City/State	Application Ref.
07	WKIN-LP	GATE CITY, ETC. VA	BSTA -
20070208ABK			

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status
07	WLJC-TV	BEATTYVILLE KY	154.4	CP BPCDT
-20111003AFG				
07	WLJC-TV	BEATTYVILLE KY	154.4	LIC BLCDT
-20090220ACR				
07	WLJC-TV	BEATTYVILLE KY	154.4	APP BPCDT
-20111114BGR				
07	WSPA-TV	SPARTANBURG SC	153.2	LIC BLCDT
-20090918ACF				
07	WMAK	KNOXVILLE TN	133.6	LIC BLCDT
-20040810ABE				
08	W08AT	CHEROKEE NC	134.5	APP
USERRECORD-01				

Proposed station is beyond the site to  
nearest cell evaluation distance

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#### Analysis of Interference to Affected Station 4

##### Analysis of current record

Channel No.	Call	City/State	Application Ref.
07	WKIN-LP	WEBER CY,VA-KPT,TN VA	BLTVL -
20100310AAU			

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status
07	WLJC-TV	BEATTYVILLE KY	154.4	CP BPCDT
-20111003AFG				
07	WLJC-TV	BEATTYVILLE KY	154.4	LIC BLCDT
-20090220ACR				
07	WLJC-TV	BEATTYVILLE KY	154.4	APP BPCDT
-20111114BGR				



07	WSPA-TV	SPARTANBURG SC	153.2	LIC	BLCDT
-20090918ACF					
07	WMAK	KNOXVILLE TN	133.6	LIC	BLCDT
-20040810ABE					
08	W08AT	CHEROKEE NC	134.5	APP	

USERRECORD-01

Proposed station is beyond the site to  
nearest cell evaluation distance

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# Analysis of Interference to Affected Station 5

## Analysis of current record

Channel No.	Call	City/State	Application	Ref.
08	WGTW	ATHENS GA	BLEDT	-
20090612ACE				

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status
Application Ref. No.				
07	WCIQ	MOUNT CHEAHA AL	158.1	LIC BLEDT
-20090227AAW				
07	WCIQ	MOUNT CHEAHA AL	158.1	APP BPEDT
-20110921ABU				
07	WMUM-TV	COCHRAN GA	170.0	LIC BLEDT
-20080423AAM				
07	WSPA-TV	SPARTANBURG SC	227.7	LIC BLCDT
-20090918ACF				
08	WACS-TV	DAWSON GA	211.1	LIC BLEDT
-20080516AAO				
08	WXGA-TV	WAYCROSS GA	322.7	LIC BLEDT
-20090612ACD				
08	WOLO-TV	COLUMBIA SC	313.5	LIC BLCDT
-20100614AIP				
08	WNPT	NASHVILLE TN	349.3	LIC BLEDT
-20090622AEX				
09	WJSU-TV	ANNISTON AL	211.3	CP BPCDT
-20080620AGV				
09	WJSU-TV	ANNISTON AL	211.3	LIC BLCDT
-20050222ACG				
09	WNTV	GREENVILLE SC	203.1	LIC BLEDT
-20100628BQF				
09	WTVG	CHATTANOOGA TN	185.1	LIC BLCDT
-20090914ABU				
08	W08AT	CHEROKEE NC	200.1	APP

USERRECORD-01

Proposal causes no interference

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# Analysis of Interference to Affected Station 6

## Analysis of current record

Channel No.	Call	City/State	Application Ref.
08	WDDA-LD	CHATTANOOGA GA	BDCCDVL -
20061026ABS			

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status
Application Ref. No.				
08	WGTV	ATHENS GA	187.4	LIC BLEDT
-20090612ACE				
08	WACS-TV	DAWSON GA	369.6	LIC BLEDT
-20080516AAO				
08	WBNA	LOUISVILLE KY	316.9	LIC BLCDT
-20021024AAB				
08	WTVA	TUPELO MS	382.4	LIC BLCDT
-20090612AGU				
08	W08BH	ANDREWS, ETC. NC	135.0	LIC BLTT
-3301				
08	WNPT	NASHVILLE TN	168.2	LIC BLEDT
-20090622AEX				
09	WTVC	CHATTANOOGA TN	6.2	LIC BLCDT
-20090914ABU				
08	W08AT	CHEROKEE NC	180.0	APP
USERRECORD-01				
Proposal causes no interference				

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# Analysis of Interference to Affected Station 7

## Analysis of current record

Channel No.	Call	City/State	Application Ref.
08	WACS-TV	DAWSON GA	BLEDT -
20080516AAO			

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status
Application Ref. No.				
07	WCIQ	MOUNT CHEAHA AL	208.2	LIC BLEDT
-20090227AAW				
07	WCIQ	MOUNT CHEAHA AL	208.2	APP BPEDT
-20110921ABU				
07	WJHG-TV	PANAMA CITY FL	186.1	CP MOD BMPCDT
-20090527ACZ				
07	WJHG-TV	PANAMA CITY FL	186.1	LIC BLCDT

-20101025AAT					
07	WJHG-TV	PANAMA CITY FL	186.1	CP MOD	BMPCDT
-20080611ABD					
07	WMUM-TV	COCHRAN GA	135.8	LIC	BLEDT
-20080423AAM					
08	WGTV	ATHENS GA	211.1	LIC	BLEDT
-20090612ACE					
08	WXGA-TV	WAYCROSS GA	203.8	LIC	BLEDT
-20090612ACD					
08	WOLO-TV	COLUMBIA SC	428.2	LIC	BLCDT
-20100614AIP					
09	WPGX	PANAMA CITY FL	195.1	LIC	BLCDT
-20060622AAR					
09	WPGX	PANAMA CITY FL	195.1	CP MOD	BMPCDT
-20111109AKA					
08	W08AT	CHEROKEE NC	409.2	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 No.	Call	City/State	Application	Ref.
08	W08EG-D	TOCCOA GA	BLDTV	-

20091008ACL

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status
07	WSPA-TV	SPARTANBURG SC	116.0	LIC BLCDT
-20090918ACF				
08	WGTV	ATHENS GA	114.6	LIC BLEDT
-20090612ACE				
08	WACS-TV	DAWSON GA	316.8	LIC BLEDT
-20080516AAO				
08	WXGA-TV	WAYCROSS GA	383.7	LIC BLEDT
-20090612ACD				
08	W08BH	ANDREWS, ETC. NC	82.1	LIC BLTT
-3301				
08	W08BP	BEAVER DAM NC	129.1	LIC BLTTV
-20011001AKM				
08	W08AN	BRYSON CITY, ETC. NC	90.2	LIC BLTTV
-19800725IC				
08	W08AT	CHEROKEE, ETC. NC	96.2	LIC BLTTV
-4878				
08	WOLO-TV	COLUMBIA SC	244.8	LIC BLCDT
-20100614AIP				
08	WNPT	NASHVILLE TN	352.6	LIC BLEDT

-20090622AEX  
 09 WNTV GREENVILLE SC 94.6 LIC BLEDT  
 -20100628BQF  
 08 W08AT CHEROKEE NC 96.2 APP  
 USERRECORD-01  
 Proposal causes no interference

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# Analysis of Interference to Affected Station 9

Analysis of current record  
 Channel Call City/State Application Ref.  
 No.  
 08 WBNA LOUISVILLE KY BLCDT -  
 20021024AAB

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status
Application Ref. No.				
07	WEHT	EVANSVILLE IN	160.0	LIC BLCDT
-20090928AKE				
07	WLJC-TV	BEATTYVILLE KY	188.7	CP BPCDT
-20111003AFG				
07	WLJC-TV	BEATTYVILLE KY	188.7	LIC BLCDT
-20090220ACR				
07	WLJC-TV	BEATTYVILLE KY	188.7	APP BPCDT
-20111114BGR				
08	WSIU-TV	CARBONDALE IL	305.5	LIC BLEDT
-20090612ADB				
08	WLIO	LIMA OH	332.3	LIC BLCDT
-20070305ABB				
08	WNPT	NASHVILLE TN	240.5	LIC BLEDT
-20090622AEX				
09	WNIN	EVANSVILLE IN	132.8	LIC BLEDT
-20090612AGN				
09	WISH-TV	INDIANAPOLIS IN	210.1	LIC BLCDT
-20090622ABX				
08	W08AT	CHEROKEE NC	357.5	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.  
 08 W08BH ANDREWS, ETC. NC BLTT -

3301

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status
Application Ref. No.				
07	WMAK	KNOXVILLE TN	84.6	LIC BLCDT
-20040810ABE				
08	WGTV	ATHENS GA	164.5	LIC BLEDT
-20090612ACE				
08	WACS-TV	DAWSON GA	375.6	LIC BLEDT
-20080516AAO				
08	WBNA	LOUISVILLE KY	354.6	LIC BLCDT
-20021024AAB				
08	W08BP	BEAVER DAM NC	121.5	LIC BLTTV
-20011001AKM				
08	W08AN	BRYSON CITY, ETC. NC	31.8	LIC BLTTV
-19800725IC				
08	W08AO	CANTON, ETC. NC	87.9	LIC BLTTV
-1158				
08	W08AT	CHEROKEE, ETC. NC	49.1	LIC BLTTV
-4878				
08	W08AX	MARSHALL NC	116.4	LIC BLTTV
-1737				
08	W08BF	SPRUCE PINE, ETC. NC	167.8	LIC BLTTV
-19820512IG				
08	WOLO-TV	COLUMBIA SC	304.7	LIC BLCDT
-20100614AIP				
08	WNPT	NASHVILLE TN	287.8	LIC BLEDT
-20090622AEX				
08	WVNS-TV	LEWISBURG WV	392.7	LIC BLCDT
-20050923AGX				
09	W09AG	FRANKLIN NC	21.6	LIC BLTTV
-19801112IF				
09	WNTV	GREENVILLE SC	130.7	LIC BLEDT
-20100628BQF				
08	W08AT	CHEROKEE NC	49.1	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.			
08	W08BP	BEAVER DAM NC	BLTTV -
20011001AKM			

Stations Potentially Affecting This Station

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

07	WSPA-TV	SPARTANBURG SC	43.9	LIC	BLCDT
-20090918ACF					
08	WGTV	ATHENS GA	243.7	LIC	BLEDT
-20090612ACE					
08	W08BH	ANDREWS, ETC. NC	121.5	LIC	BLTT
-3301					
08	W08AN	BRYSON CITY, ETC. NC	91.9	LIC	BLTTV
-19800725IC					
08	W08AO	CANTON, ETC. NC	37.6	LIC	BLTTV
-1158					
08	W08AT	CHEROKEE, ETC. NC	75.1	LIC	BLTTV
-4878					
08	W08AX	MARSHALL NC	35.8	LIC	BLTTV
-1737					
08	W08BF	SPRUCE PINE, ETC. NC	52.8	LIC	BLTTV
-19820512IG					
08	WOLO-TV	COLUMBIA SC	222.6	LIC	BLCDT
-20100614AIP					
08	WVNS-TV	LEWISBURG WV	296.2	LIC	BLCDT
-20050923AGX					
09	W09AR	WEAVERVILLE NC	16.9	LIC	BLTTV
-19790607IA					
09	WNTV	GREENVILLE SC	65.6	LIC	BLEDT
-20100628BQF					
08	W08AT	CHEROKEE NC	75.1	APP	
USERRECORD-01					
Proposal causes no interference					

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# Analysis of Interference to Affected Station 12

## Analysis of current record

Channel No.	Call	City/State	Application Ref.
08	W08AN	BRYSON CITY, ETC. NC	BLTTV -
19800725IC			

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status
Application Ref. No.				
07	WSPA-TV	SPARTANBURG SC	113.0	LIC BLCDT
-20090918ACF				
07	WMAK	KNOXVILLE TN	77.0	LIC BLCDT
-20040810ABE				
08	WGTV	ATHENS GA	188.2	LIC BLEDT
-20090612ACE				
08	WBNA	LOUISVILLE KY	353.7	LIC BLCDT
-20021024AAB				
08	W08BH	ANDREWS, ETC. NC	31.8	LIC BLTT
-3301				
08	W08BP	BEAVER DAM NC	91.9	LIC BLTTV
-20011001AKM				

08	W08AO	CANTON, ETC. NC	56.7	LIC	BLTTV
-1158					
08	W08AT	CHEROKEE, ETC. NC	17.4	LIC	BLTTV
-4878					
08	W08AX	MARSHALL NC	84.6	LIC	BLTTV
-1737					
08	W08BF	SPRUCE PINE, ETC. NC	136.4	LIC	BLTTV
-19820512IG					
08	WOLO-TV	COLUMBIA SC	288.4	LIC	BLCDT
-20100614AIP					
08	WNPT	NASHVILLE TN	308.6	LIC	BLEDT
-20090622AEX					
08	WVNS-TV	LEWISBURG WV	361.8	LIC	BLCDT
-20050923AGX					
09	W09AG	FRANKLIN NC	27.7	LIC	BLTTV
-19801112IF					
09	W09AF	SYLVA, ETC. NC	25.8	LIC	BLTTV
-19781113IO					
09	WNTV	GREENVILLE SC	112.0	LIC	BLEDT
-20100628BQF					
08	W08AT	CHEROKEE NC	17.4	APP	

USERRECORD-01

Total scenarios = 1

Result key: 13  
 Scenario 1 Affected station 12  
 Before Analysis

Results for: 8N NC BRYSON CITY, ETC. BLTTV 19800725IC  
 LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	4207	131.3
not affected by terrain losses	4207	131.3
lost to NTSC IX	1682	45.7
lost to additional IX by ATV	0	0.0
lost to all IX	1682	45.7

Potential Interfering Stations Included in above Scenario  
 1

8N NC ANDREWS, ETC.	BLTT	3301	LIC
8N NC CHEROKEE, ETC.	BLTTV	4878	LIC

After Analysis

Results for: 8N NC BRYSON CITY, ETC. BLTTV 19800725IC  
 LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	4207	131.3
not affected by terrain losses	4207	131.3
lost to NTSC IX	13	8.0
lost to additional IX by ATV	596	14.9
lost to all IX	609	22.9

Potential Interfering Stations Included in above Scenario

1

8N NC ANDREWS, ETC. BLTT 3301 LIC  
8A NC CHEROKEE USERRECORD01 APP

Percent new IX = -25.5051%

Worst case new IX -25.5051% Scenario 1

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### Analysis of Interference to Affected Station 13

#### Analysis of current record

Channel No.	Call	City/State	Application	Ref.
08	W08AO	CANTON, ETC. NC	BLTTV	-
1158				

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status
07	WSPA-TV	SPARTANBURG SC	71.8	LIC
-20090918ACF				BLCDT
07	WMAK	KNOXVILLE TN	104.3	LIC
-20040810ABE				BLCDT
08	WGTW	ATHENS GA	227.0	LIC
-20090612ACE				BLEDT
08	WBNA	LOUISVILLE KY	372.5	LIC
-20021024AAB				BLCDT
08	W08BH	ANDREWS, ETC. NC	87.9	LIC
-3301				BLTT
08	W08BP	BEAVER DAM NC	37.6	LIC
-20011001AKM				BLTTV
08	W08AN	BRYSON CITY, ETC. NC	56.7	LIC
-19800725IC				BLTTV
08	W08AT	CHEROKEE, ETC. NC	39.3	LIC
-4878				BLTTV
08	W08AX	MARSHALL NC	31.6	LIC
-1737				BLTTV
08	W08BF	SPRUCE PINE, ETC. NC	79.9	LIC
-19820512IG				BLTTV
08	WOLO-TV	COLUMBIA SC	254.1	LIC
-20100614AIP				BLCDT
08	WNPT	NASHVILLE TN	357.4	LIC
-20090622AEX				BLEDT
08	WVNS-TV	LEWISBURG WV	313.2	LIC
-20050923AGX				BLCDT
09	W09AD	WAYNESVILLE NC	15.5	LIC
-3897				BLTTV
09	W09AR	WEAVERVILLE NC	31.8	LIC
-19790607IA				BLTTV
09	WNTV	GREENVILLE SC	83.7	LIC
				BLEDT



-20100628BQF  
 08 W08AT CHEROKEE NC 39.3 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.  
 08 W08AX MARSHALL NC BLTTV -  
 1737

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	
Application Ref. No.					
07	WSPA-TV	SPARTANBURG SC	79.5	LIC	BLCDT
-20090918ACF					
07	WMAK	KNOXVILLE TN	113.5	LIC	BLCDT
-20040810ABE					
08	WGTV	ATHENS GA	258.5	LIC	BLEDT
-20090612ACE					
08	WBNA	LOUISVILLE KY	367.6	LIC	BLCDT
-20021024AAB					
08	W08BH	ANDREWS, ETC. NC	116.4	LIC	BLTT
-3301					
08	W08BP	BEAVER DAM NC	35.8	LIC	BLTTV
-20011001AKM					
08	W08AN	BRYSON CITY, ETC. NC	84.6	LIC	BLTTV
-19800725IC					
08	W08AO	CANTON, ETC. NC	31.6	LIC	BLTTV
-1158					
08	W08AT	CHEROKEE, ETC. NC	67.4	LIC	BLTTV
-4878					
08	W08BF	SPRUCE PINE, ETC. NC	54.2	LIC	BLTTV
-19820512IG					
08	WOLO-TV	COLUMBIA SC	257.4	LIC	BLCDT
-20100614AIP					
08	WNPT	NASHVILLE TN	372.9	LIC	BLEDT
-20090622AEX					
08	WVNS-TV	LEWISBURG WV	281.6	LIC	BLCDT
-20050923AGX					
09	W09AR	WEAVERVILLE NC	19.1	LIC	BLTTV
-19790607IA					
09	WNTV	GREENVILLE SC	99.4	LIC	BLEDT
-20100628BQF					
08	W08AT	CHEROKEE NC	67.4	APP	
USERRECORD-01					
Proposal causes no interference					

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Analysis of Interference to Affected Station 15

Analysis of current record

Channel No.	Call	City/State	Application	Ref.
08	W08BF	SPRUCE PINE, ETC. NC	BLTTV	-

19820512IG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status
07	WSPA-TV	SPARTANBURG SC	80.7	LIC
-20090918ACF				BLCDT
08	WGTV	ATHENS GA	296.4	LIC
-20090612ACE				BLEDT
08	W08BH	ANDREWS, ETC. NC	167.8	LIC
-3301				BLTT
08	W08BP	BEAVER DAM NC	52.8	LIC
-20011001AKM				BLTTV
08	W08AN	BRYSON CITY, ETC. NC	136.4	LIC
-19800725IC				BLTTV
08	W08AO	CANTON, ETC. NC	79.9	LIC
-1158				BLTTV
08	W08AT	CHEROKEE, ETC. NC	118.9	LIC
-4878				BLTTV
08	W08AX	MARSHALL NC	54.2	LIC
-1737				BLTTV
08	WOLO-TV	COLUMBIA SC	230.9	LIC
-20100614AIP				BLCDT
08	WVNS-TV	LEWISBURG WV	244.4	LIC
-20050923AGX				BLCDT
09	W09AS	BURNSVILLE NC	18.5	LIC
-2082				BLTTV
09	W09AS	BURNSVILLE NC	18.5	CP
-20100212AAG				BDFCDTV
09	WNTV	GREENVILLE SC	108.0	LIC
-20100628BQF				BLEDT
08	W08AT	CHEROKEE NC	118.9	APP

USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 16

Analysis of current record

Channel No.	Call	City/State	Application	Ref.
08	WOLO-TV	COLUMBIA SC	BLCDT	-

20100614AIP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status
Application Ref. No.				
07	WITV	CHARLESTON SC	165.2	LIC BLEDT
-20090304ABI				
07	WSPA-TV	SPARTANBURG SC	182.2	LIC BLCDT
-20090918ACF				
08	WGTV	ATHENS GA	313.5	LIC BLEDT
-20090612ACE				
08	WACS-TV	DAWSON GA	428.2	LIC BLEDT
-20080516AAO				
08	WXGA-TV	WAYCROSS GA	363.5	LIC BLEDT
-20090612ACD				
08	WFXI	MOREHEAD CITY NC	399.2	CP MOD BMPCDT
-20080619AEE				
08	WFXI	MOREHEAD CITY NC	399.2	LIC BLCDT
-20090708AIS				
08	WVNS-TV	LEWISBURG WV	406.5	LIC BLCDT
-20050923AGX				
09	WHMC	CONWAY SC	153.6	LIC BLEDT
-20090622ADN				
09	WNTV	GREENVILLE SC	176.5	LIC BLEDT
-20100628BQF				
08	W08AT	CHEROKEE NC	278.0	APP

USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 17

Analysis of current record

Channel No.	Call	City/State	Application Ref.
08	WNPT	NASHVILLE TN	BLEDT -
20090622AEX			

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status
Application Ref. No.				
07	WEHT	EVANSVILLE IN	212.5	LIC BLCDT
-20090928AKE				
08	KAIT	JONESBORO AR	369.7	LIC BLCDT
-20090803ABV				
08	WGTV	ATHENS GA	349.3	LIC BLEDT
-20090612ACE				
08	WSIU-TV	CARBONDALE IL	313.1	LIC BLEDT
-20090612ADB				
08	WBNA	LOUISVILLE KY	240.5	LIC BLCDT
-20021024AAB				

08	WTVA	TUPELO MS	324.0	LIC	BLCDT
-20090612AGU					
09	WNIN	EVANSVILLE IN	218.8	LIC	BLEDT
-20090612AGN					
09	WTVG	CHATTANOOGA TN	168.4	LIC	BLCDT
-20090914ABU					
08	W08AT	CHEROKEE NC	322.7	APP	

USERRECORD-01

Proposal causes no interference

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# Analysis of Interference to Affected Station 18

## Analysis of current record

Channel No.	Call	City/State	Application	Ref.
08	WVNS-TV	LEWISBURG WV	BLCDT	-
20050923AGX				

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status
Application Ref. No.				
08	WJW	CLEVELAND OH	408.3	LIC BLCDT
-20090612AJC				
08	WJW	CLEVELAND OH	408.3	CP MOD BMPCDT
-20080620AHI				
08	WWCP-TV	JOHNSTOWN PA	299.6	LIC BLCDT
-20090413AEM				
08	WOLO-TV	COLUMBIA SC	406.5	LIC BLCDT
-20100614AIP				
08	W08AT	CHEROKEE NC	346.1	APP

USERRECORD-01

Proposal causes no interference

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# Analysis of Interference to Affected Station 19

## Analysis of current record

Channel No.	Call	City/State	Application	Ref.
09	WOBZ-LD	EAST BERNSTADT KY	BLDVL	-
20100520AEE				

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status
Application Ref. No.				
09	WNIN	EVANSVILLE IN	288.0	LIC BLEDT

-20090612AGN	09	WISH-TV	INDIANAPOLIS IN	347.5	LIC	BLCDT
-20090622ABX	09	W09CQ	JAMESTOWN KY	88.6	LIC	BLTVL
-20071206ADC	09	WNTV	GREENVILLE SC	296.5	LIC	BLEDT
-20100628BQF	09	WTVN	CHATTANOOGA TN	250.6	LIC	BLCDT
-20090914ABU	09	WOPI-CA	KINGSPORT TN	198.8	LIC	BLTVA
-20100415ABW	08	W08AT	CHEROKEE NC	206.6	APP	

USERRECORD-01

Proposed station is beyond the site to  
nearest cell evaluation distance

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#### Analysis of Interference to Affected Station 20

##### Analysis of current record

Channel No.	Call	City/State	Application Ref.
09	W09AS	BURNSVILLE NC	BLTTV -

2082

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status
08	W08AX	MARSHALL NC	39.1	LIC BLTTV
-1737				
08	W08BF	SPRUCE PINE, ETC. NC	18.5	LIC BLTTV
-19820512IG				
09	W09AG	FRANKLIN NC	144.0	LIC BLTTV
-19801112IF				
09	W09AF	SYLVA, ETC. NC	104.9	LIC BLTTV
-19781113IO				
09	W09AD	WAYNESVILLE NC	83.6	LIC BLTTV
-3897				
09	W09AR	WEAVERVILLE NC	39.2	LIC BLTTV
-19790607IA				
09	WHMC	CONWAY SC	364.9	LIC BLEDT
-20090622ADN				
09	WNTV	GREENVILLE SC	111.2	LIC BLEDT
-20100628BQF				
09	WTVN	CHATTANOOGA TN	286.6	LIC BLCDT
-20090914ABU				
09	WOPI-CA	KINGSPORT TN	56.7	LIC BLTVA
-20100415ABW				
10	W10AD	MONTREAT, ETC. NC	34.6	LIC BLTTV
-19790820IE				
10	W10AK	SPRUCE PINE NC	18.5	LIC BLTTV

-2068  
 08 W08AT CHEROKEE NC 106.0 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.  
 09 W09AS BURNSVILLE NC BDFCDTV -  
 20100212AAG

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status
Application Ref. No.				
09	W09AG	FRANKLIN NC	144.0	LIC BLTTV
-19801112IF				
09	W09AF	SYLVA, ETC. NC	104.9	LIC BLTTV
-19781113IO				
09	W09AD	WAYNESVILLE NC	83.6	LIC BLTTV
-3897				
09	W09AR	WEAVERVILLE NC	39.2	LIC BLTTV
-19790607IA				
09	WHMC	CONWAY SC	364.9	LIC BLEDT
-20090622ADN				
09	WNTV	GREENVILLE SC	111.2	LIC BLEDT
-20100628BQF				
09	WTVC	CHATTANOOGA TN	286.6	LIC BLCDT
-20090914ABU				
09	WOPI-CA	KINGSPORT TN	56.7	LIC BLTVA
-20100415ABW				
08	W08AT	CHEROKEE NC	106.0	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.  
 09 W09AG FRANKLIN NC BLTTV -  
 19801112IF

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status
08	W08BH	ANDREWS, ETC. NC	21.6	LIC BLTT
-3301				
08	W08AN	BRYSON CITY, ETC. NC	27.7	LIC BLTTV
-19800725IC				
08	W08AT	CHEROKEE, ETC. NC	40.8	LIC BLTTV
-4878				
09	WJSU-TV	ANNISTON AL	313.0	CP BPCDT
-20080620AGV				
09	WJSU-TV	ANNISTON AL	313.0	LIC BLCDT
-20050222ACG				
09	WVAN-TV	SAVANNAH GA	382.2	LIC BLEDT
-20090612AGH				
09	W09AS	BURNSVILLE NC	144.0	LIC BLTTV
-2082				
09	W09AF	SYLVA, ETC. NC	39.2	LIC BLTTV
-19781113IO				
09	W09AD	WAYNESVILLE NC	60.4	LIC BLTTV
-3897				
09	W09AR	WEAVERVILLE NC	106.5	LIC BLTTV
-19790607IA				
09	WNTV	GREENVILLE SC	109.6	LIC BLEDT
-20100628BQF				
09	WTVC	CHATTANOOGA TN	157.8	LIC BLCDT
-20090914ABU				
09	WOPI-CA	KINGSPORT TN	191.1	LIC BLTVA
-20100415ABW				
10	W10AL	CHEROKEE, ETC. NC	41.6	LIC BLTTV
-3607				
10	WBIR-TV	KNOXVILLE TN	98.0	LIC BLCDT
-20090619ADG				
08	W08AT	CHEROKEE NC	40.8	APP

USERRECORD-01  
Proposal causes no interference

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#### Analysis of Interference to Affected Station 23

Channel	Call	City/State	Application Ref.
09	W09AF	SYLVA, ETC. NC	BLTTV -
19781113IO			

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status
08	W08AN	BRYSON CITY, ETC. NC	25.8	LIC BLTTV
-19800725IC				
08	W08AT	CHEROKEE, ETC. NC	14.9	LIC BLTTV
-4878				

09	WJSU-TV	ANNISTON AL	352.1	CP	BPCDT
-20080620AGV					
09	WJSU-TV	ANNISTON AL	352.1	LIC	BLCDT
-20050222ACG					
09	WVAN-TV	SAVANNAH GA	387.4	LIC	BLEDT
-20090612AGH					
09	W09AS	BURNSVILLE NC	104.9	LIC	BLTTV
-2082					
09	W09AG	FRANKLIN NC	39.2	LIC	BLTTV
-19801112IF					
09	W09AD	WAYNESVILLE NC	21.2	LIC	BLTTV
-3897					
09	W09AR	WEAVERVILLE NC	67.4	LIC	BLTTV
-19790607IA					
09	WNTV	GREENVILLE SC	87.6	LIC	BLEDT
-20100628BQF					
09	WTVC	CHATTANOOGA TN	191.7	LIC	BLCDT
-20090914ABU					
09	WOPI-CA	KINGSPORT TN	153.4	LIC	BLTVA
-20100415ABW					
10	W10AL	CHEROKEE, ETC. NC	16.8	LIC	BLTTV
-3607					
10	WBIR-TV	KNOXVILLE TN	96.1	LIC	BLCDT
-20090619ADG					
08	W08AT	CHEROKEE NC	14.9	APP	
USERRECORD-01					
Proposal causes no interference					

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# Analysis of Interference to Affected Station 24

## Analysis of current record

Channel No.	Call	City/State	Application Ref.
09	W09AD	WAYNESVILLE NC	BLTTV -
3897			

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status
Application Ref. No.				
08	W08AO	CANTON, ETC. NC	15.5	LIC BLTTV
-1158				
08	W08AT	CHEROKEE, ETC. NC	26.0	LIC BLTTV
-4878				
09	WJSU-TV	ANNISTON AL	373.3	CP BPCDT
-20080620AGV				
09	WJSU-TV	ANNISTON AL	373.3	LIC BLCDT
-20050222ACG				
09	WVAN-TV	SAVANNAH GA	393.4	LIC BLEDT
-20090612AGH				
09	W09AS	BURNSVILLE NC	83.6	LIC BLTTV
-2082				



09	W09AG	FRANKLIN NC	60.4	LIC	BLTTV
-19801112IF					
09	W09AF	SYLVA, ETC. NC	21.2	LIC	BLTTV
-19781113IO					
09	W09AR	WEAVERVILLE NC	46.4	LIC	BLTTV
-19790607IA					
09	WNTV	GREENVILLE SC	82.9	LIC	BLEDT
-20100628BQF					
09	WTVC	CHATTANOOGA TN	210.1	LIC	BLCDT
-20090914ABU					
09	WOPI-CA	KINGSPORT TN	132.7	LIC	BLTVA
-20100415ABW					
10	W10AL	CHEROKEE, ETC. NC	26.9	LIC	BLTTV
-3607					
10	WBIR-TV	KNOXVILLE TN	99.9	LIC	BLCDT
-20090619ADG					
08	W08AT	CHEROKEE NC	26.0	APP	

USERRECORD-01

Proposal causes no interference

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#### Analysis of Interference to Affected Station 25

##### Analysis of current record

Channel No.	Call	City/State	Application	Ref.
09	W09AR	WEAVERVILLE NC	BLTTV	-
19790607IA				

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status
Application Ref. No.				
08	W08BP	BEAVER DAM NC	16.9	LIC BLTTV
-20011001AKM				
08	W08AO	CANTON, ETC. NC	31.8	LIC BLTTV
-1158				
08	W08AX	MARSHALL NC	19.1	LIC BLTTV
-1737				
09	W09AS	BURNSVILLE NC	39.2	LIC BLTTV
-2082				
09	W09AS	BURNSVILLE NC	39.2	CP BDFCDTV
-20100212AAG				
09	W09AG	FRANKLIN NC	106.5	LIC BLTTV
-19801112IF				
09	W09AF	SYLVA, ETC. NC	67.4	LIC BLTTV
-19781113IO				
09	W09AD	WAYNESVILLE NC	46.4	LIC BLTTV
-3897				
09	WHMC	CONWAY SC	369.2	LIC BLEDT
-20090622ADN				
09	WNTV	GREENVILLE SC	81.8	LIC BLEDT
-20100628BQF				

09	WTVC	CHATTANOOGA TN	254.9	LIC	BLCDT
-20090914ABU					
09	WOPI-CA	KINGSPORT TN	93.7	LIC	BLTVA
-20100415ABW					
10	W10AD	MONTREAT, ETC. NC	20.9	LIC	BLTTV
-19790820IE					
10	WBIR-TV	KNOXVILLE TN	128.8	LIC	BLCDT
-20090619ADG					
08	W08AT	CHEROKEE NC	71.0	APP	

USERRECORD-01

Proposal causes no interference

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# Analysis of Interference to Affected Station 26

## Analysis of current record

Channel No.	Call	City/State	Application Ref.
09	WNTV	GREENVILLE SC	BLEDT -
20100628BQF			

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status
Application Ref. No.				
08	WGTV	ATHENS GA	203.1	LIC BLEDT
-20090612ACE				
08	WOLO-TV	COLUMBIA SC	176.5	LIC BLCDT
-20100614AIP				
09	WJSU-TV	ANNISTON AL	396.8	CP BPCDT
-20080620AGV				
09	WJSU-TV	ANNISTON AL	396.8	LIC BLCDT
-20050222ACG				
09	WVAN-TV	SAVANNAH GA	319.2	LIC BLEDT
-20090612AGH				
09	WHMC	CONWAY SC	322.1	LIC BLEDT
-20090622ADN				
09	WTVC	CHATTANOOGA TN	265.7	LIC BLCDT
-20090914ABU				
10	WXIA-TV	ATLANTA GA	220.1	LIC BLCDT
-20040302AAO				
10	WIS	COLUMBIA SC	176.6	LIC BLCDT
-20090624ABZ				
10	WBIR-TV	KNOXVILLE TN	182.0	LIC BLCDT
-20090619ADG				
08	W08AT	CHEROKEE NC	101.8	APP

USERRECORD-01

Proposal causes no interference

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# Analysis of Interference to Affected Station 27

## Analysis of current record

Channel No.	Call	City/State	Application	Ref.
09	WTVC	CHATTANOOGA TN	BLCDT	-
20090914ABU				

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status
Application Ref. No.				
08	WGTV	ATHENS GA	185.1	LIC BLEDT
-20090612ACE				
08	WNPT	NASHVILLE TN	168.4	LIC BLEDT
-20090622AEX				
09	WJSU-TV	ANNISTON AL	200.0	CP BPCDT
-20080620AGV				
09	WJSU-TV	ANNISTON AL	200.0	LIC BLCDT
-20050222ACG				
09	WNIN	EVANSVILLE IN	358.9	LIC BLEDT
-20090612AGN				
09	WNTV	GREENVILLE SC	265.7	LIC BLEDT
-20100628BQF				
10	WXIA-TV	ATLANTA GA	180.3	LIC BLCDT
-20040302AAO				
10	WBIR-TV	KNOXVILLE TN	156.0	LIC BLCDT
-20090619ADG				
10	WSMV-TV	NASHVILLE TN	177.2	LIC BLCDT
-20021029AAV				
10	WSMV-TV	NASHVILLE TN	177.2	CP BPCDT
-20110630AAE				
08	W08AT	CHEROKEE NC	184.3	APP
USERRECORD-01				
Proposal causes no interference				

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# Analysis of Interference to Affected Station 28

## Analysis of current record

Channel No.	Call	City/State	Application	Ref.
09	WOPI-CA	KINGSPORT TN	BLTVA	-
20100415ABW				

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status
Application Ref. No.				
08	W08BF	SPRUCE PINE, ETC. NC	61.4	LIC BLTTV
-19820512IG				
09	W09AS	BURNSVILLE NC	56.7	LIC BLTTV

-2082	09	W09AS	BURNSVILLE NC	56.7	CP	BDFCDTV
-20100212AAG	09	W09AG	FRANKLIN NC	191.1	LIC	BLTTV
-19801112IF	09	W09AF	SYLVA, ETC. NC	153.4	LIC	BLTTV
-19781113IO	09	W09AD	WAYNESVILLE NC	132.7	LIC	BLTTV
-3897	09	W09AR	WEAVERVILLE NC	93.7	LIC	BLTTV
-19790607IA	09	WHMC	CONWAY SC	389.6	LIC	BLEDT
-20090622ADN	09	WNTV	GREENVILLE SC	167.5	LIC	BLEDT
-20100628BQF	09	WTVC	CHATTANOOGA TN	319.7	LIC	BLCDT
-20090914ABU	10	W10AK	SPRUCE PINE NC	61.4	LIC	BLTTV
-2068	08	W08AT	CHEROKEE NC	150.7	APP	

USERRECORD-01

Proposal causes no interference

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#### Analysis of Interference to Affected Station 29

Analysis of current record

Channel No.	Call	City/State	Application Ref.
08	W08AT	CHEROKEE NC	USERRECORD-01

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status
Application Ref. No.				
07	WSPA-TV	SPARTANBURG SC	99.5	LIC BLCDT
-20090918ACF				
07	WMAK	KNOXVILLE TN	81.1	LIC BLCDT
-20040810ABE				
08	WGTV	ATHENS GA	200.1	LIC BLEDT
-20090612ACE				
08	WBNA	LOUISVILLE KY	357.5	LIC BLCDT
-20021024AAB				
08	W08BH	ANDREWS, ETC. NC	49.1	LIC BLTT
-3301				
08	W08BP	BEAVER DAM NC	75.1	LIC BLTTV
-20011001AKM				
08	W08AN	BRYSON CITY, ETC. NC	17.4	LIC BLTTV
-19800725IC				
08	W08AO	CANTON, ETC. NC	39.3	LIC BLTTV
-1158				
08	W08AX	MARSHALL NC	67.4	LIC BLTTV
-1737				

08	W08BF	SPRUCE PINE, ETC. NC	118.9	LIC	BLTTV
-19820512IG					
08	WOLO-TV	COLUMBIA SC	278.0	LIC	BLCDT
-20100614AIP					
08	WNPT	NASHVILLE TN	322.7	LIC	BLEDT
-20090622AEX					
08	WVNS-TV	LEWISBURG WV	346.1	LIC	BLCDT
-20050923AGX					
09	WNTV	GREENVILLE SC	101.8	LIC	BLEDT
-20100628BQF					

Total scenarios = 1

Result key: 14  
 Scenario 1 Affected station 29  
 Before Analysis

Results for: 8A NC CHEROKEE USERRECORD01  
 APP

HAAT 30.0 m, ATV ERP 0.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	8315	216.6
not affected by terrain losses	8315	216.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	0	0.0

Potential Interfering Stations Included in above Scenario  
 1

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FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED