

TECHNICAL EXHIBIT  
MODIFICATION TO PAIRED  
DIGITAL CHANNEL CONSTRUCTION PERMIT  
LOW POWERED TELEVISION STATION W17DA  
MEMPHIS, TENNESSEE  
CH 17      15 KW (MAX-DA)

Technical Exhibit

The technical exhibit supports a modification application for paired digital facility W17DA. Its companion facility is W26CX.

Summary of Proposed Facilities

Below is a tabulation of the proposed paired digital facility:

Channel:	17
Geographic Coordinates:	35° 12' 34" North Latitude 89° 49' 01" West Longitude
Antenna Structure Registration:	1249321
Overall Tower Height:	274 meters
Ground Elevation:	84 meters
Radiation Center:	270 meters AMSL 186 meters (610 feet) AGL
Antenna Type:	MCI UHF Panel Array - 16.3 dB (power gain 43.05)
Antenna Major Lobe Orientation:	270° True
Transmitter Power Output:	600 watts
Emissions Mask:	Stringent
Transmission Line:	HJ11-50 (4" Air - 620 feet)
Combiner:	MCI UHF Combiner (0.6 dB loss)
Effective Radiated Power:	15 kilowatts

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Allocation Considerations

A study has been conducted to assure that the proposal will not create prohibited interference with other licensed, authorized or pending analog or digital TV, LPTV/translator and Class A TV stations. Using the procedures outlined in the FCC's OET-69 Bulletin, no new interference is predicted to be caused to any other station as shown by the results provided in Figure 1.

Radiofrequency Electromagnetic Field Exposure

The proposed facilities were evaluated in terms of potential radio frequency (RF) energy exposure at ground level to workers and the general public. The radiation center for the antenna is located 186 meters above ground level. The proposed ERP of 15 kW is assumed. A conservative relative field value of 0.25 was assumed for the Scala antenna's downward radiation. The calculated power density at ground level is less than  $0.01 \text{ mW/cm}^2$ . This is less than 5% of the FCC's recommended limit of  $0.33 \text{ mW/cm}^2$  for channel 17 for an "uncontrolled" environment.

Access to the transmitting site will be restricted and appropriately marked with warning signs. In the event that workers or other authorized personnel enter restricted areas or climb the tower, appropriate measures will be taken to assure worker safety with respect to radio frequency radiation exposure. Such measures include reducing the average exposure by spreading out the work over a longer period of time, wearing "accepted" RFR protective clothing and/or RFR exposure monitors or scheduling work when the stations are at reduced power or shut down.

It is noted that this statement only addresses the potential for radiofrequency electromagnetic field exposure. All other aspects of the environmental processing analysis will be or already have been provided to the FCC by the tower owner as part of the tower registration process.

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October 26, 2009

TECHNICAL EXHIBIT  
MODIFICATION TO PAIRED  
DIGITAL CHANNEL CONSTRUCTION PERMIT  
LOW POWERED TELEVISION STATION W17DA  
MEMPHIS, TENNESSEE  
CH 17 15 KW (MAX-DA)

OET-69 Interference Study

Census data selected: 2000  
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 10-23-2009 Time: 09:27:32

Record Selected for Analysis

W17DA USERRECORD-01 MEMPHIS TN US  
Channel 17 ERP 15. kW HAAT 179. m RCAMSL 00270 m STRINGENT MASK  
Latitude 035-12-34 Longitude 0089-49-01  
Status APP Zone 2 Border  
Dir Antenna Make CDB Model 00000000020061 Beam tilt N Ref Azimuth 225.  
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)	51.0 dBu F(50,90) (km)
0.0	3.271	183.6	41.0
45.0	0.002	183.2	8.2
90.0	0.002	156.2	7.6
135.0	0.002	175.6	8.0
180.0	3.271	177.9	40.7
225.0	15.000	185.8	49.0
270.0	13.057	180.9	48.0
315.0	15.000	186.3	49.0

Contour Overlap to Proposed Station

Station  
W25BY 16 MEMPHIS TN BPTTL20020925ABY

Station inside contour of Digital LPTV station  
W17DA 17 MEMPHIS TN USERRECORD01

Contour Overlap Evaluation to Proposed Station Complete

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

Channel	Proposed Station Call	City/State	ARN
17	W17DA	MEMPHIS TN	USERRECORD01

#### Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
15	W15CH	MEMPHIS TN	0.3	LIC	BLTTL -20061109ACQ
15	W15CH	MEMPHIS TN	0.0	CP	BPTTL -20080814ABE
16	WLOV-TV	WEST POINT MS	170.9	CP MOD	BMPCDT -20070323AOK
16	W25BY	MEMPHIS TN	0.3	APP	BPTTL -20020925ABY
17	W38BQ	HUNTSVILLE AL	303.7	APP	BDISDTA -20090812AAS
17	WTCT	MARION IL	270.4	LIC	BLCDT -20060629ACN
17	WTCT	MARION IL	270.4	CP MOD	BMPCDT -20011119AAX
17	WAZE-LP	EVANSVILLE IN	367.0	LIC	BLTTL -20000606ACN
17	KWMS-LP	WEST MONROE LA	368.8	STA	BMSTA -20010817AAQ
17	KWMS-LP	WEST MONROE LA	368.8	LIC	BLTTL -20020508AAA
17	K17DL-D	BRANSON MO	355.1	LIC	BLDTL -20090522ABA
17	K17FU	MARSHFIELD MO	366.6	LIC	BLTTL -20040622AAP
17	K17FU	MARSHFIELD MO	366.6	CP	BDFCDTL -20060331BAQ
17	K22HG	ST. CHARLES MO	400.2	CP	BDISDTT -20060327ACC
17	NEW	CLEVELAND MS	214.6	APP	BNPDTL -20090825BFS
17	NEW	MERIDIAN MS	334.7	APP	BNPTTL -20000830ADH
17	WRTN-LD	NASHVILLE TN	296.8	APP	BDISDTL -20091001ABU
17	WNTU-LP	NASHVILLE TN	296.8	APP	BDISDTL -20090908ABH
18	KTWN-LD	SEARCY AR	200.9	APP	BSTA -20060726ANI
18	KTWN-LD	SEARCY AR	200.9	LIC	BLDTL -20070521AAM
18	W18BL	ADAMSVILLE TN	130.8	CP	BDFCDTA -20090824AKM
18	W18BL	ADAMSVILLE TN	130.8	LIC	BLTTL -19940511JH
19	WJTE-LP	JACKSON TN	101.5	APP	BMPTTA -20080804AEI
19	WJTE-LP	JACKSON TN	111.5	LIC	BLTTL -19990809JI
19	WJTE-LP	JACKSON TN	111.5	CP	BPTTA -20030108AAX
20	K20EX	BATESVILLE AR	189.2	LIC	BLTTL -20001130AAQ
20	WBII-CD	HOLLY SPRINGS MS	58.9	LIC	BLTTL -19960913JB
20	W20BJ	ACTON TN	122.5	LIC	BLTTL -20001208ABC
24	W24DJ	TUPELO MS	141.0	CP	BNPTTL -20000830BBQ
25	W25BY	JACKSON TN	108.5	LIC	BLTTL -20001130ABV

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#### Analysis of Interference to Affected Station 1

Channel	Call	City/State	Application Ref. No.
15	W15CH	MEMPHIS TN	BLTTL -20061109ACQ

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	WTWV	MEMPHIS TN	0.3	LIC	BLEDT -20071105ADS
14	WFBI-LD	SOUTH EAST MEMPHIS TN	0.3	CP	BDISDTL -20090217AFO
15	WSSF-LD	FAYETTE AL	249.5	LIC	BLDTL -20080626AAG
15	W15BU-D	JOHNSON CITY IL	303.2	LIC	BLDTA -20090804AAF
15	NEW	EVANSVILLE IN	381.6	APP	BNPDTL -20090825BAG
15	K15CZ	SPRINGFIELD MO	384.2	CP	BDFCDTL -20081014AEG
15	WZTV	NASHVILLE TN	296.6	LIC	BLCDT -20050309ACM

15	WZTV-DT	NASHVILLE TN	285.6	PLN	DTVPLN	-DTVP0192
16	W25BY	MEMPHIS TN	0.0	APP	BPTTL	-20020925ABY
23	NEW	MEMPHIS TN	44.4	APP	BPRM	-20070724ADE
29	WKNO	MEMPHIS TN	6.4	LIC	BLEDT	-20060627ABE
29	WKNO-DT	MEMPHIS TN	6.3	PLN	DTVPLN	-DTVP0767
29	WKNO	MEMPHIS TN	6.4	CP MOD	BMPEDT	-20021112ACA
30	NEW	LEXINGTON TN	122.6	APP	BNPDTL	-20090825BAK
17	W17DA	MEMPHIS TN	0.3	APP	USERRECORD-01	

Proposal causes no interference

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#### Analysis of Interference to Affected Station 2

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
15	W15CH	MEMPHIS TN	BPTTL	-20080814ABE

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	WTWV	MEMPHIS TN	0.0	LIC	BLEDT	-20071105ADS
14	WFBI-LD	SOUTH EAST MEMPHIS TN	0.0	CP	BDISDTL	-20090217AFO
15	WSSF-LD	FAYETTE AL	249.4	LIC	BLDTL	-20080626AAG
15	W15BU-D	JOHNSON CITY IL	303.5	LIC	BLDTA	-20090804AAF
15	NEW	EVANSVILLE IN	381.8	APP	BNPDTL	-20090825BAG
15	K15CZ	SPRINGFIELD MO	384.2	CP	BDFCDTL	-20081014AEG
15	WZTV	NASHVILLE TN	296.8	LIC	BLCDT	-20050309ACM
15	WZTV-DT	NASHVILLE TN	285.9	PLN	DTVPLN	-DTVP0192
16	W25BY	MEMPHIS TN	0.3	APP	BPTTL	-20020925ABY
23	NEW	MEMPHIS TN	44.4	APP	BPRM	-20070724ADE
29	WKNO	MEMPHIS TN	6.1	LIC	BLEDT	-20060627ABE
29	WKNO-DT	MEMPHIS TN	6.1	PLN	DTVPLN	-DTVP0767
29	WKNO	MEMPHIS TN	6.1	CP MOD	BMPEDT	-20021112ACA
30	NEW	LEXINGTON TN	122.9	APP	BNPDTL	-20090825BAK
17	W17DA	MEMPHIS TN	0.0	APP	USERRECORD-01	

Proposal causes no interference

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#### Analysis of Interference to Affected Station 3

##### DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
16	WLOV-DT	WEST POINT MS	DTVPLN	-DTVP0228

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	WOWLTV	FLORENCE AL	148.3	PLN	DTVPLN	-NPLN0912
15	WXVT	GREENVILLE MS	150.3	PLN	DTVPLN	-NPLN0927
16	WCOV-DT	MONTGOMERY AL	307.1	PLN	DTVPLN	-DTVP0204
16	KLRT	LITTLE ROCK AR	331.9	PLN	DTVPLN	-NPLN0945
16	WELF-DT	DALTON GA	363.4	PLN	DTVPLN	-DTVP0211
16	WMAH-DT	BILOXI MS	338.2	PLN	DTVPLN	-DTVP0227
16	WAPT	JACKSON MS	202.7	PLN	DTVPLN	-NPLN0956
16	WMTU	JACKSON TN	221.7	PLN	DTVPLN	-NPLN0969
17	WDBB	BESSEMER AL	160.0	PLN	DTVPLN	-NPLN0977
17	WXVT-DT	GREENVILLE MS	150.3	PLN	DTVPLN	-DTVP0267

Results for: 16A MS WEST POINT      DTVPLN      DTVP0228      PLN

HAAT 512.0 m, ATV ERP 53.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	465610	22606.1
not affected by terrain losses	465610	22596.3
lost to NTSC IX	3006	228.3
lost to additional IX by ATV	0	0.0

lost to ATV IX only 0 1.0  
lost to all IX 3006 228.3

#### NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
27	WLOVTV	WEST POINT MS	DTVPLN	-NPLN1309

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
26	WYLE	FLORENCE AL	148.2	PLN	DTVPLN	-NPLN1263
26	WMDN-DT	MERIDIAN MS	168.8	PLN	DTVPLN	-DTVP0643
27	WKRG-DT	MOBILE AL	364.9	PLN	DTVPLN	-DTVP0660
27	KTVE-DT	EL DORADO AR	301.9	PLN	DTVPLN	-DTVP0661
27	KLEP-DT	NEWARK AR	303.8	PLN	DTVPLN	-DTVP0663
27	WKRN-DT	NASHVILLE TN	324.0	PLN	DTVPLN	-DTVP0690
28	WREG-DT	MEMPHIS TN	168.5	PLN	DTVPLN	-DTVP0727
34	NEW	SENATOBIA MS	142.4	PLN	DTVPLN	-NPLN1476
35	WCBI-DT	COLUMBUS MS	20.0	PLN	DTVPLN	-DTVP0982
41	WIIQ	DEMOPOLIS AL	195.2	PLN	DTVPLN	-NPLN1599
42	WBMG	BIRMINGHAM AL	214.0	PLN	DTVPLN	-NPLN1614

Results for: 27N MS WEST POINT DTVPLN NPLN1309 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	465217	22586.4
not affected by terrain losses	463976	22483.6
lost to NTSC IX	1830	102.8
lost to additional IX by ATV	6011	489.2
lost to all IX	7841	591.9

#### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
16	WLOV-TV	WEST POINT MS	BMPCDT	-20070323AOK

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	WCOV-DT	MONTGOMERY AL	307.1	PLN	DTVPLN	-DTVP0204
16	WELF-DT	DALTON GA	363.4	PLN	DTVPLN	-DTVP0211
16	WELF-TV	DALTON GA	363.4	LIC	BLCDT	-20060301ADC
16	WMAH-TV	BILOXI MS	338.1	LIC	BLEDT	-20030630AAJ
16	WMAH-DT	BILOXI MS	338.2	PLN	DTVPLN	-DTVP0227
17	WXVT-DT	GREENVILLE MS	150.3	PLN	DTVPLN	-DTVP0267
17	W17DA	MEMPHIS TN	170.9	APP	USERRECORD-01	

Proposal causes no interference

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#### Analysis of Interference to Affected Station 4

#### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
16	W25BY	MEMPHIS TN	BPTTL	-20020925ABY

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	WTWV	MEMPHIS TN	0.3	LIC	BLEDT	-20071105ADS
15	W15CH	MEMPHIS TN	0.3	CP	BPTTL	-20080814ABE
16	W16CM-D	JASPER AL	275.3	LIC	BLDTL	-20090617AAW
16	WNKY	BOWLING GREEN KY	384.2	LIC	BLCDT	-20071220AAY
16	WKNT-DT	BOWLING GREEN KY	384.8	PLN	DTVPLN	-DTVP0220
16	K16FE	ROLLA MO	342.8	CP	BDFCDTT	-20060313AEP
16	WLOV-DT	WEST POINT MS	171.0	PLN	DTVPLN	-DTVP0228
16	WLOV-TV	WEST POINT MS	171.0	CP MOD	BMPCDT	-20070323AOK
17	W17DA-D	MEMPHIS TN	0.3	CP	BDCCDTL	-20061011AEO
20	KTEJ-DT	JONESBORO AR	115.7	PLN	DTVPLN	-DTVP0387
23	NEW	MEMPHIS TN	44.4	APP	BRM	-20070724ADE
31	WLMT-DT	MEMPHIS TN	6.3	PLN	DTVPLN	-DTVP0841

31	WLMT	MEMPHIS TN	7.9	LIC	BLCDT	-20050427ABN
17	WL7DA	MEMPHIS TN	0.3	APP	USERRECORD-01	

Total scenarios = 1

Result key: 1  
Scenario 1 Affected station 4 W25BY  
Before Analysis

Results for: 16N TN MEMPHIS	BPTTL	20020925ABY	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	931465	1877.9	
not affected by terrain losses	931465	1875.9	
lost to NTSC IX	37324	114.7	
lost to additional IX by ATV	1320	8.0	
lost to all IX	38644	122.7	

Potential Interfering Stations Included in above Scenario 1

15N TN MEMPHIS	BPTTL	20080814ABE	CP
16A MS WEST POINT	BMPCDT	20070323AOK	CP
31A TN MEMPHIS	BLCDT	20050427ABN	LIC

After Analysis

Results for: 16N TN MEMPHIS	BPTTL	20020925ABY	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	931465	1877.9	
not affected by terrain losses	931465	1875.9	
lost to NTSC IX	37324	114.7	
lost to additional IX by ATV	15920	84.8	
lost to all IX	53244	199.6	

Potential Interfering Stations Included in above Scenario 1

15N TN MEMPHIS	BPTTL	20080814ABE	CP
16A MS WEST POINT	BMPCDT	20070323AOK	CP
31A TN MEMPHIS	BLCDT	20050427ABN	LIC
17A TN MEMPHIS	USERRECORD01		APP

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
17	W38BQ	HUNTSVILLE AL	BDISDTA	-20090812AAS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	WL6CM-D	JASPER AL	122.0	LIC	BLDTL	-20090617AAW
16	WYGA-LD	ATLANTA GA	228.1	LIC	BLDTL	-20090904ABS
16	WELF-DT	DALTON GA	107.6	PLN	DTVPLN	-DTVP0211
16	WELF-TV	DALTON GA	107.6	LIC	BLCDT	-20060301ADC
17	NEW	MONTGOMERY AL	301.6	APP	BNPDTL	-20090825AAJ
17	NEW	TROY AL	330.1	APP	BNPDTL	-20090825AOF
17	WUVG-DT	ATHENS GA	254.4	CP	BDRTCT	-20090601AVA
17	NEW	COLUMBUS GA	295.6	APP	BNPDTL	-20090825BBB
17	NEW	MACON GA	352.5	APP	BNPDTL	-20090825AWR
17	NEW	WARNER ROBINS GA	352.5	APP	BNPDTL	-20090825AGD
17	WTCT	MARION IL	385.0	LIC	BLCDT	-20060629ACN
17	WTCT-DT	MARION IL	385.0	PLN	DTVPLN	-DTVP0258
17	WTCT	MARION IL	385.0	CP MOD	BMPCDT	-20011119AAX
17	NEW	CLEVELAND MS	398.9	APP	BNPDTL	-20090825BFS
17	WKOP-TV	KNOXVILLE TN	272.2	LIC	BLEDT	-20040405ACC
17	WKOP-DT	KNOXVILLE TN	274.1	PLN	DTVPLN	-DTVP0282
17	WRTN-LD	NASHVILLE TN	171.4	APP	BDISDTL	-20091001ABU

17	WNTU-LP	NASHVILLE TN	171.4	APP	BDISDTL	-20090908ABH
18	NEW	MONTGOMERY AL	137.4	APP	BNPDTL	-20090825AJF
18	WYGA-LD	ATLANTA GA	228.1	APP	BDISDTL	-20090918ACH
18	W18BL	ADAMSVILLE TN	176.8	CP	BDFCDTA	-20090824AKM
18	W26BE	CHATTANOOGA TN	132.2	APP	BDISDTL	-20090813ACY
17	W17DA	MEMPHIS TN	303.7	APP	USERRECORD-01	

Proposal causes no interference

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# Analysis of Interference to Affected Station 6

## DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
17	WTCT-DT	MARION IL	DTVPLN	-DTVP0258

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	WUSITV	OLNEY IL	162.4	PLN	DTVPLN	-NPLN0950
16	WMTU	JACKSON TN	196.6	PLN	DTVPLN	-NPLN0969
17	KLEP	NEWARK AR	296.9	PLN	DTVPLN	-NPLN0978
17	WAND	DECATUR IL	266.7	PLN	DTVPLN	-NPLN0985
17	WKPC-DT	LOUISVILLE KY	293.8	PLN	DTVPLN	-DTVP0262
17	KMIZ	COLUMBIA MO	337.0	PLN	DTVPLN	-NPLN0989
17	WZTV	NASHVILLE TN	248.2	PLN	DTVPLN	-NPLN1003
18	KPOB-DT	POPLAR BLUFF MO	151.9	PLN	DTVPLN	-DTVP0312

Results for: 17A IL MARION      DTVPLN      DTVP0258      PLN  
HAAT 233.0 m, ATV ERP 61.5 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	385247	13944.5
not affected by terrain losses	384825	13855.3
lost to NTSC IX	1076	109.1
lost to additional IX by ATV	0	0.0
lost to ATV IX only	39	3.0
lost to all IX	1076	109.1

## NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
27	WTCT	MARION IL	DTVPLN	-NPLN1300

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
19	WLCN	MADISONVILLE KY	133.1	PLN	DTVPLN	-NPLN1043
20	WLCN-DT	MADISONVILLE KY	133.1	PLN	DTVPLN	-DTVP0397
25	WEHT	EVANSVILLE IN	132.5	PLN	DTVPLN	-NPLN1244
26	KPLR-DT	ST. LOUIS MO	155.4	PLN	DTVPLN	-DTVP0642
27	KLEP-DT	NEWARK AR	296.9	PLN	DTVPLN	-DTVP0663
27	WQEC	QUINCY IL	334.2	PLN	DTVPLN	-NPLN1301
27	WCCU	URBANA IL	320.8	PLN	DTVPLN	-NPLN1302
27	WIIB-DT	BLOOMINGTON IN	323.9	PLN	DTVPLN	-DTVP0673
27	KDEBT	SPRINGFIELD MO	347.8	PLN	DTVPLN	-NPLN1308
27	WKRN-DT	NASHVILLE TN	257.4	PLN	DTVPLN	-DTVP0690
28	WTVW-DT	EVANSVILLE IN	154.9	PLN	DTVPLN	-DTVP0709
29	WKPD	PADUCAH KY	60.1	PLN	DTVPLN	-NPLN1356
34	WSIL-DT	HARRISBURG IL	14.7	PLN	DTVPLN	-DTVP0936
35	WKMATV	MADISONVILLE KY	139.5	PLN	DTVPLN	-NPLN1497
41	WKPD-DT	PADUCAH KY	60.1	PLN	DTVPLN	-DTVP1161
42	WKMA-DT	MADISONVILLE KY	139.5	PLN	DTVPLN	-DTVP1195

Results for: 27N IL MARION      DTVPLN      NPLN1300      PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	384885	13941.5
not affected by terrain losses	381859	13768.0
lost to NTSC IX	1341	27.8
lost to additional IX by ATV	3582	356.0
lost to all IX	4923	383.7

Analysis of current record

Channel	Call	City/State	Application Ref. No.
17	WTCT	MARION IL	BLC DT -20060629ACN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
17	WKPC-DT	LOUISVILLE KY	293.8	PLN	DTVPLN -DTVP0262
18	KPOB-DT	POPLAR BLUFF MO	151.9	PLN	DTVPLN -DTVP0312
17	WL7DA	MEMPHIS TN	270.4	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application Ref. No.
17	WTCT	MARION IL	BMPCDT -20011119AAX

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
17	WKPC-DT	LOUISVILLE KY	293.8	PLN	DTVPLN -DTVP0262
18	KPOB-DT	POPLAR BLUFF MO	151.9	PLN	DTVPLN -DTVP0312
17	WL7DA	MEMPHIS TN	270.4	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application Ref. No.
17	WAZE-LP	EVANSVILLE IN	BLTTL -20000606ACN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
16	WJYL-CD		160.1	APP	BSTA -20081210AAZ
16	WJYL-CD	JEFFERSONVILLE IN	160.1	LIC	BLDTA -20090630ADK
17	W38BQ	HUNTSVILLE AL	373.8	APP	BDISDTA -20090812AAS
17	WTCT	MARION IL	134.2	LIC	BLC DT -20060629ACN
17	WTCT-DT	MARION IL	134.2	PLN	DTVPLN -DTVP0258
17	WTCT	MARION IL	134.2	CP MOD	BMPCDT -20011119AAX
17	WYIN	GARY IN	373.8	LIC	BLEDT -20040206AAA
17	WYIN-DT	GARY IN	373.8	PLN	DTVPLN -DTVP0259
17	WHAN-LP	SALEM IN	148.1	LIC	BLTTL -19941013JH
17	WKPC-DT	LOUISVILLE KY	159.9	PLN	DTVPLN -DTVP0262
17	K22HG	ST. CHARLES MO	277.0	CP	BDISDTT -20060327ACC
17	WL7AA	CELINA OH	389.1	CP MOD	BMPD TT -20090723AET
17	WKOP-TV	KNOXVILLE TN	391.8	LIC	BLEDT -20040405ACC
17	WKOP-DT	KNOXVILLE TN	392.4	PLN	DTVPLN -DTVP0282
17	WL7DA-D	MEMPHIS TN	367.0	CP	BDCCDTL -20061011AEO
17	WRTN-LD	NASHVILLE TN	204.5	APP	BDISDTL -20091001ABU
17	WNTU-LP	NASHVILLE TN	204.5	APP	BDISDTL -20090908ABH
18	WJTS-LD	JASPER IN	76.7	LIC	BLDTL -20090212ABK
19	WUSI-DT	OLNEY IL	105.2	PLN	DTVPLN -DTVP0351
20	WAZE-TV	MADISONVILLE KY	64.1	CP	BPCDT -19991101AHC
20	WLCN-DT	MADISONVILLE KY	64.4	PLN	DTVPLN -DTVP0397
21	WCEE-DT	MOUNT VERNON IL	131.2	PLN	DTVPLN -DTVP0437
24	WTHI-DT	TERRE HAUTE IN	140.6	PLN	DTVPLN -DTVP0567
32	NEW	EVANSVILLE IN	17.5	APP	BNPDTL -20090825AZT
17	WL7DA	MEMPHIS TN	367.0	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.
17	KWMS-LP	WEST MONROE LA	BMSTA -20010817AAQ

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
17	KSLA-DT	SHREVEPORT LA	170.3	PLN	DTVPLN -DTVP0263
17	NEW	CLEVELAND MS	176.8	APP	BNPDTL -20090825BFS
17	WXVT-DT	GREENVILLE MS	184.4	PLN	DTVPLN -DTVP0267
17	W17DA-D	MEMPHIS TN	368.8	CP	BDCCDTL -20061011AEO
18	K18AB	EL DORADO AR	93.5	CP	BDFCDTT -20090306AAF
19	KLTM-DT	MONROE LA	34.4	PLN	DTVPLN -DTVP0355
32	KLAX-DT	ALEXANDRIA LA	111.5	PLN	DTVPLN -DTVP0866
17	W17DA	MEMPHIS TN	368.8	APP	USERRECORD-01

Proposal causes no interference

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# Analysis of Interference to Affected Station 10

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
17	KWMS-LP	WEST MONROE LA	BLTTL -20020508AAA

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
17	KSLA-DT	SHREVEPORT LA	170.3	PLN	DTVPLN -DTVP0263
17	NEW	CLEVELAND MS	176.8	APP	BNPDTL -20090825BFS
17	WXVT-DT	GREENVILLE MS	184.4	PLN	DTVPLN -DTVP0267
17	W17DA-D	MEMPHIS TN	368.8	CP	BDCCDTL -20061011AEO
18	K18AB	EL DORADO AR	93.5	CP	BDFCDTT -20090306AAF
19	KLTM-DT	MONROE LA	34.4	PLN	DTVPLN -DTVP0355
32	KLAX-DT	ALEXANDRIA LA	111.5	PLN	DTVPLN -DTVP0866
17	W17DA	MEMPHIS TN	368.8	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.
17	K17DL-D	BRANSON MO	BLDTL -20090522ABA

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
16	K16FE	ROLLA MO	184.6	CP	BDFCDTT -20060313AEP
16	K25GJ	MUSKOGEE OK	216.3	CP	BDISDTT -20060330ACC
17	WTCT	MARION IL	387.4	LIC	BLCDT -20060629ACN
17	WTCT-DT	MARION IL	387.4	PLN	DTVPLN -DTVP0258
17	WTCT	MARION IL	387.4	CP MOD	BMPCDT -20011119AAX
17	K17FU	MARSHFIELD MO	69.1	LIC	BLTTL -20040622AAP
17	K17FU	MARSHFIELD MO	69.1	CP	BDFCDTL -20060331BAQ
17	K22HG	ST. CHARLES MO	322.5	CP	BDISDTT -20060327ACC
17	NEW	ENID OK	427.0	APP	BNPDTL -20090825AXC
18	KFSM-TV	FORT SMITH AR	128.9	LIC	BLCDT -20060530AIM
18	KTWN-LD	SEARCY AR	221.4	APP	BSTA -20060726ANI
18	KTWN-LD	SEARCY AR	221.4	LIC	BLDTL -20070521AAM

17 W17DA MEMPHIS TN 355.1 APP USERRECORD-01  
Proposal causes no interference

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#### Analysis of Interference to Affected Station 12

##### Analysis of current record

Channel	Call	City/State	Application Ref. No.
17	K17FU	MARSHFIELD MO	BLTTL -20040622AAP

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
15	KMOS-TV	SEDALIA MO	145.8	LIC	BLEDT -20030108ABK
16	K16FE	ROLLA MO	124.1	CP	BDFCDTT -20060313AEP
17	K67EO	BENTONVILLE, ROGERS AR	149.2	CP	BPTT -20000615AFU
17	WTCT	MARION IL	348.8	LIC	BLCDDT -20060629ACN
17	WTCT-DT	MARION IL	348.8	PLN	DTVPLN -DTVP0258
17	WTCT	MARION IL	348.8	CP MOD	BMPCDT -20011119AAX
17	K17DL-D	BRANSON MO	69.1	LIC	BLDTL -20090522ABA
17	K22HG	ST. CHARLES MO	259.7	CP	BDISDTT -20060327ACC
17	W17DA-D	MEMPHIS TN	366.6	CP	BDCCDTL -20061011AEO
18	K18IC-D	COLUMBIA MO	165.9	CP	BDCCDTL -20061026AEW
19	KSPR	SPRINGFIELD MO	16.0	CP MOD	BMPCDT -20080612AAU
19	KSPR-DT	SPRINGFIELD MO	11.0	PLN	DTVPLN -DTVP0359
25	KOZJ-DT	JOPLIN MO	141.7	PLN	DTVPLN -DTVP0606
25	KOZJ	JOPLIN MO	141.8	LIC	BLEDT -20060620ABP
32	NEW	ROLLA MO	126.4	APP	BNPDTL -20090825BKA
17	W17DA	MEMPHIS TN	366.6	APP	USERRECORD-01

Proposal causes no interference

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#### Analysis of Interference to Affected Station 13

##### Analysis of current record

Channel	Call	City/State	Application Ref. No.
17	K17FU	MARSHFIELD MO	BDFCDTL -20060331BAQ

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
16	K16FE	ROLLA MO	124.1	CP	BDFCDTT -20060313AEP
17	WTCT	MARION IL	348.8	LIC	BLCDDT -20060629ACN
17	WTCT-DT	MARION IL	348.8	PLN	DTVPLN -DTVP0258
17	WTCT	MARION IL	348.8	CP MOD	BMPCDT -20011119AAX
17	K17DL-D	BRANSON MO	69.1	LIC	BLDTL -20090522ABA
17	K22HG	ST. CHARLES MO	259.7	CP	BDISDTT -20060327ACC
18	K18IC-D	COLUMBIA MO	165.9	CP	BDCCDTL -20061026AEW
17	W17DA	MEMPHIS TN	366.6	APP	USERRECORD-01

Proposal causes no interference

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#### Analysis of Interference to Affected Station 14

##### Analysis of current record

Channel	Call	City/State	Application Ref. No.
17	K22HG	ST. CHARLES MO	BDISDTT -20060327ACC

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
16	NEW	SPRINGFIELD IL	144.1	APP	BNPDTL -20090825AYF

16	K16FE	ROLLA MO	138.0	CP	BDFCDTT	-20060313AEP
16	KDTL-LP	ST. LOUIS MO	32.6	APP	BSTA	-20071203ACP
17	WTCT	MARION IL	192.8	LIC	BLCDT	-20060629ACN
17	WTCT-DT	MARION IL	192.8	PLN	DTVPLN	-DTVP0258
17	WTCT	MARION IL	192.8	CP MOD	BMPCDT	-20011119AAX
17	K17DL-D	BRANSON MO	322.5	LIC	BLDTL	-20090522ABA
17	K17FU	MARSHFIELD MO	259.7	CP	BDFCDTL	-20060331BAQ
18	K18IC-D	COLUMBIA MO	167.6	CP	BDCCDTL	-20061026AEW
17	W17DA	MEMPHIS TN	400.2	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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#### Analysis of Interference to Affected Station 15

##### Analysis of current record

Channel	Call	City/State	Application Ref. No.
17	NEW	CLEVELAND MS	BNPDTL -20090825BFS

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
17	W38BQ	HUNTSVILLE AL	398.9	APP	BDISDTA -20090812AAS
17	KSLA-DT	SHREVEPORT LA	325.6	PLN	DTVPLN -DTVP0263
17	WXVT-DT	GREENVILLE MS	35.1	PLN	DTVPLN -DTVP0267
18	K18AB	EL DORADO AR	198.1	CP	BDFCDTT -20090306AAF
17	W17DA	MEMPHIS TN	214.6	APP	USERRECORD-01

Proposal causes no interference

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#### Analysis of Interference to Affected Station 16

##### Analysis of current record

Channel	Call	City/State	Application Ref. No.
17	NEW	MERIDIAN MS	BNPTTL -20000830ADH

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
17	W38BQ	HUNTSVILLE AL	334.0	APP	BDISDTA -20090812AAS
17	NEW	MONTGOMERY AL	261.9	APP	BNPDTL -20090825AAJ
17	NEW	TROY AL	263.4	APP	BNPDTL -20090825AOF
17	WEAR-DT	PENSACOLA FL	216.5	PLN	DTVPLN -DTVP0255
17	WEAR-TV	PENSACOLA FL	217.1	LIC	BLCDT -20050627AAK
17	NEW	COLUMBUS GA	359.2	APP	BNPDTL -20090825BBB
17	NEW	CLEVELAND MS	205.7	APP	BNPDTL -20090825BFS
17	WXVT-DT	GREENVILLE MS	236.5	PLN	DTVPLN -DTVP0267
17	W17DA-D	MEMPHIS TN	334.7	CP	BDCCDTL -20061011AEO
19	WIIQ	DEMOPOLIS AL	79.2	LIC	BLEDT -20031023AAI
19	WIIQ-DT	DEMOPOLIS AL	79.3	PLN	DTVPLN -DTVP0336
19	WIIQ	DEMOPOLIS AL	78.5	CP	BPEDT -20090422AAZ
31	WGBC	MERIDIAN MS	2.4	CP MOD	BMPCDT -20070522AAR
31	WGBC-DT	MERIDIAN MS	2.9	PLN	DTVPLN -DTVP0830
17	W17DA	MEMPHIS TN	334.7	APP	USERRECORD-01

Proposal causes no interference

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#### Analysis of Interference to Affected Station 17

##### DTV Baseline Analysis

Channel	Call	City/State	Application Ref. No.
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17 WZTV NASHVILLE TN DTVPLN -NPLN1003

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	WZTV-DT	NASHVILLE TN	0.0	PLN	DTVPLN	-DTVP0192
16	WELF-DT	DALTON GA	188.3	PLN	DTVPLN	-DTVP0211
16	WKNT-DT	BOWLING GREEN KY	117.2	PLN	DTVPLN	-DTVP0220
16	WMTU	JACKSON TN	205.1	PLN	DTVPLN	-NPLN0969
17	WDBB	BESSEMER AL	299.7	PLN	DTVPLN	-NPLN0977
17	WTBS	ATLANTA GA	345.8	PLN	DTVPLN	-NPLN0983
17	WTCT-DT	MARION IL	248.2	PLN	DTVPLN	-DTVP0258
17	WKPC-DT	LOUISVILLE KY	263.8	PLN	DTVPLN	-DTVP0262
17	WKOP-DT	KNOXVILLE TN	263.3	PLN	DTVPLN	-DTVP0282
18	WKYU-DT	BOWLING GREEN KY	109.6	PLN	DTVPLN	-DTVP0306
21	WUXP-DT	NASHVILLE TN	15.1	PLN	DTVPLN	-DTVP0457
24	WKYUTV	BOWLING GREEN KY	109.6	PLN	DTVPLN	-NPLN1209
31	WAAYTV	HUNTSVILLE AL	158.8	PLN	DTVPLN	-NPLN1398
31	WKOH	OWENSBORO KY	194.6	PLN	DTVPLN	-NPLN1406

Results for: 17N TN NASHVILLE DTVPLN NPLN1003 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	1686063	24709.5
not affected by terrain losses	1667394	23817.9
lost to NTSC IX	1648	76.8
lost to additional IX by ATV	9692	325.1
lost to all IX	11340	402.0

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
17	WRTN-LD	NASHVILLE TN	BDISDTL	-20091001ABU

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	WNKY	BOWLING GREEN KY	101.8	LIC	BLCDT	-20071220AAY
16	WKNT-DT	BOWLING GREEN KY	102.2	PLN	DTVPLN	-DTVP0220
17	W38BQ	HUNTSVILLE AL	171.4	APP	BDISDTA	-20090812AAS
17	WUVG-DT	ATHENS GA	357.1	CP	BDRTCT	-20090601AVA
17	WTCT	MARION IL	244.8	LIC	BLCDT	-20060629ACN
17	WTCT-DT	MARION IL	244.8	PLN	DTVPLN	-DTVP0258
17	WTCT	MARION IL	244.8	CP MOD	BMPCDT	-20011119AAX
17	WKPC-DT	LOUISVILLE KY	248.8	PLN	DTVPLN	-DTVP0262
17	WKOP-TV	KNOXVILLE TN	256.5	LIC	BLEDT	-20040405ACC
17	WKOP-DT	KNOXVILLE TN	257.8	PLN	DTVPLN	-DTVP0282
17	WNTU-LP	NASHVILLE TN	0.0	APP	BDISDTL	-20090908ABH
18	WKYU-DT	BOWLING GREEN KY	94.6	PLN	DTVPLN	-DTVP0306
18	W18BL	ADAMSVILLE TN	182.9	CP	BDFCDTA	-20090824AKM
18	W26BE	CHATTANOOGA TN	180.5	APP	BDISDTL	-20090813ACY
17	W17DA	MEMPHIS TN	296.8	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 18

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
17	WNTU-LP	NASHVILLE TN	BDISDTL	-20090908ABH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	WNKY	BOWLING GREEN KY	101.8	LIC	BLCDT	-20071220AAY
16	WKNT-DT	BOWLING GREEN KY	102.2	PLN	DTVPLN	-DTVP0220
17	W38BQ	HUNTSVILLE AL	171.4	APP	BDISDTA	-20090812AAS
17	WUVG-DT	ATHENS GA	357.1	CP	BDRTCT	-20090601AVA
17	WTCT	MARION IL	244.8	LIC	BLCDT	-20060629ACN
17	WTCT-DT	MARION IL	244.8	PLN	DTVPLN	-DTVP0258

17	WTCT	MARION IL	244.8	CP MOD	BMPCDT	-20011119AAX
17	WKPC-DT	LOUISVILLE KY	248.8	PLN	DTVPLN	-DTVP0262
17	WKOP-TV	KNOXVILLE TN	256.5	LIC	BLEDT	-20040405ACC
17	WKOP-DT	KNOXVILLE TN	257.8	PLN	DTVPLN	-DTVP0282
17	WRTN-LD	NASHVILLE TN	0.0	APP	BDISDTL	-20091001ABU
18	WKYU-DT	BOWLING GREEN KY	94.6	PLN	DTVPLN	-DTVP0306
18	W18BL	ADAMSVILLE TN	182.9	CP	BDFCDTA	-20090824AKM
18	W26BE	CHATTANOOGA TN	180.5	APP	BDISDTL	-20090813ACY
17	W17DA	MEMPHIS TN	296.8	APP	USERRECORD-01	

Proposal causes no interference

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#### Analysis of Interference to Affected Station 19

##### Analysis of current record

Channel	Call	City/State	Application Ref. No.
18	KTWN-LD	SEARCY AR	BSTA -20060726ANI

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
17	K17DL-D	BRANSON MO	221.4	LIC	BLDTL -20090522ABA
18	K18AB	EL DORADO AR	211.4	CP	BDFCDTT -20090306AAF
18	KFSM-TV	FORT SMITH AR	212.9	LIC	BLCDT -20060530AIM
18	KFSM-DT	FORT SMITH AR	219.1	PLN	DTVPLN -DTVP0292
18	KTVV-LP	HOT SPRINGS AR	110.6	CP	BDISTTL -20060403AQY
18	K18IC-D	COLUMBIA MO	418.2	CP	BDCCDTL -20061026AEW
18	KPOB-DT	POPLAR BLUFF MO	241.5	PLN	DTVPLN -DTVP0312
18	KEGG-LP	MCALESTER OK	377.4	CP	BDCCDTL -20061027ADF
18	W18BL	ADAMSVILLE TN	331.7	CP	BDFCDTA -20090824AKM
17	W17DA	MEMPHIS TN	200.9	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	Call	City/State	Application Ref. No.
18	KTWN-LD	SEARCY AR	BLDTL -20070521AAM

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
17	K17DL-D	BRANSON MO	221.4	LIC	BLDTL -20090522ABA
18	K18AB	EL DORADO AR	211.4	CP	BDFCDTT -20090306AAF
18	KFSM-TV	FORT SMITH AR	212.9	LIC	BLCDT -20060530AIM
18	KFSM-DT	FORT SMITH AR	219.1	PLN	DTVPLN -DTVP0292
18	KTVV-LP	HOT SPRINGS AR	110.6	CP	BDISTTL -20060403AQY
18	K18IC-D	COLUMBIA MO	418.2	CP	BDCCDTL -20061026AEW
18	KPOB-DT	POPLAR BLUFF MO	241.5	PLN	DTVPLN -DTVP0312
18	KEGG-LP	MCALESTER OK	377.4	CP	BDCCDTL -20061027ADF
18	W18BL	ADAMSVILLE TN	331.7	CP	BDFCDTA -20090824AKM
17	W17DA	MEMPHIS TN	200.9	APP	USERRECORD-01

Proposed station is beyond the site to  
nearest cell evaluation distance

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#### Analysis of Interference to Affected Station 21

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
18	W18BL	ADAMSVILLE TN	BDFCDTA	-20090824AKM

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
17	W38BQ	HUNTSVILLE AL	176.8	APP	BDISDTA	-20090812AAS
17	WRTN-LD	NASHVILLE TN	182.9	APP	BDISDTL	-20091001ABU
17	WNTU-LP	NASHVILLE TN	182.9	APP	BDISDTL	-20090908ABH
18	WDBB-DT	BESSEMER AL	214.5	PLN	DTVPLN	-DTVP0291
18	WDBB	BESSEMER AL	214.5	LIC	BLCDT	-20060421ABG
18	NEW	MONTGOMERY AL	274.9	APP	BNPDTL	-20090825AJF
18	KTWN-LD	SEARCY AR	331.7	APP	BSTA	-20060726ANI
18	KTWN-LD	SEARCY AR	331.7	LIC	BLDTL	-20070521AAM
18	WYGA-LD	ATLANTA GA	403.5	APP	BDISDTL	-20090918ACH
18	WJTS-LD	JASPER IN	374.4	LIC	BLDTL	-20090212ABK
18	WKYU-DT	BOWLING GREEN KY	267.8	PLN	DTVPLN	-DTVP0306
18	KPOB-DT	POPLAR BLUFF MO	255.2	PLN	DTVPLN	-DTVP0312
18	W26BE	CHATTANOOGA TN	286.0	APP	BDISDTL	-20090813ACY
17	W17DA	MEMPHIS TN	130.8	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.
18	W18BL	ADAMSVILLE TN	BLTTL	-19940511JH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	WOWL-DT	FLORENCE AL	90.1	PLN	DTVPLN	-DTVP0121
14	WHDF	FLORENCE AL	115.7	LIC	BLCDT	-20051206AAB
14	WTWV	MEMPHIS TN	130.8	LIC	BLEDT	-20071105ADS
17	W38BQ	HUNTSVILLE AL	176.8	APP	BDISDTA	-20090812AAS
17	W17DA-D	MEMPHIS TN	130.8	CP	BDCCDTL	-20061011AEO
17	WRTN-LD	NASHVILLE TN	182.9	APP	BDISDTL	-20091001ABU
17	WNTU-LP	NASHVILLE TN	182.9	APP	BDISDTL	-20090908ABH
18	WDBB-DT	BESSEMER AL	214.5	PLN	DTVPLN	-DTVP0291
18	WDBB	BESSEMER AL	214.5	LIC	BLCDT	-20060421ABG
18	NEW	MONTGOMERY AL	274.9	APP	BNPDTL	-20090825AJF
18	KTWN-LD	SEARCY AR	331.7	APP	BSTA	-20060726ANI
18	KTWN-LD	SEARCY AR	331.7	LIC	BLDTL	-20070521AAM
18	WYGA-LD	ATLANTA GA	403.5	APP	BDISDTL	-20090918ACH
18	WJTS-LD	JASPER IN	374.4	LIC	BLDTL	-20090212ABK
18	WKYU-DT	BOWLING GREEN KY	267.8	PLN	DTVPLN	-DTVP0306
18	KPOB-DT	POPLAR BLUFF MO	255.2	PLN	DTVPLN	-DTVP0312
18	W26BE	CHATTANOOGA TN	286.0	APP	BDISDTL	-20090813ACY
20	DWYLE	FLORENCE AL	115.7	APP	BMPCDT	-20070920ABE
20	WYLE-DT	FLORENCE AL	90.9	PLN	DTVPLN	-DTVP0385
20	DWYLE	FLORENCE AL	89.1	CP	BPCDT	-19991101ALK
22	WFIQ	FLORENCE AL	90.8	LIC	BLEDT	-20060718ACG
22	WFIQ-DT	FLORENCE AL	90.9	PLN	DTVPLN	-DTVP0468
25	WPTY-TV	MEMPHIS TN	127.2	LIC	BLCDT	-20050628AAP
25	WPTY-DT	MEMPHIS TN	129.7	PLN	DTVPLN	-DTVP0619
33	WFBI-LD	SOUTH EAST MEMPHIS TN	130.7	CP	BDISDTL	-20060301ACO
17	W17DA	MEMPHIS TN	130.8	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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Analysis of Interference to Affected Station 23

Analysis of current record

Channel	Call	City/State	Application Ref. No.
19	WJTE-LP	JACKSON TN	BMPPTA -20080804AEI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
18	W18BL	ADAMSVILLE TN	61.7	CP	BDFCDTA -20090824AKM
19	WIIQ	DEMOPOLIS AL	375.7	LIC	BLEDT -20031023AAI
19	WIIQ-DT	DEMOPOLIS AL	375.3	PLN	DTVPLN -DTVP0336
19	WIIQ	DEMOPOLIS AL	375.6	CP	BPEDT -20090422AAZ
19	WUSI-DT	OLNEY IL	360.1	PLN	DTVPLN -DTVP0351
19	WBKI-TV	CAMPBELLSVILLE KY	367.7	LIC	BLCDT -20080811ABA
19	WGRB-DT	CAMPBELLSVILLE KY	357.7	PLN	DTVPLN -DTVP0354
20	KCGI-LD	CAPE GIRARDEAU MO	201.5	CP	BDCCDTL -20061026ABU
20	WBII-CD	HOLLY SPRINGS MS	95.4	LIC	BLDTA -20090513AFM
20	WNPX-LP	NASHVILLE TN	195.9	CP	BDFCDTL -20090515ABR
23	NEW	MEMPHIS TN	124.4	APP	BPRM -20070724ADE
34	WDYR-LD	DYERSBURG TN	71.1	CP	BDCCDTT -20061026ACP
17	W17DA	MEMPHIS TN	101.5	APP	USERRECORD-01

Proposed station is beyond the site to  
nearest cell evaluation distance

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Analysis of Interference to Affected Station 24

Analysis of current record

Channel	Call	City/State	Application Ref. No.
19	WJTE-LP	JACKSON TN	BLTTL -19990809JI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
18	W18BL	ADAMSVILLE TN	62.0	CP	BDFCDTA -20090824AKM
19	WIIQ	DEMOPOLIS AL	380.2	LIC	BLEDT -20031023AAI
19	WIIQ-DT	DEMOPOLIS AL	379.7	PLN	DTVPLN -DTVP0336
19	WIIQ	DEMOPOLIS AL	380.0	CP	BPEDT -20090422AAZ
19	WUSI-DT	OLNEY IL	352.5	PLN	DTVPLN -DTVP0351
19	WBKI-TV	CAMPBELLSVILLE KY	357.6	LIC	BLCDT -20080811ABA
19	WGRB-DT	CAMPBELLSVILLE KY	347.7	PLN	DTVPLN -DTVP0354
20	KCGI-LD	CAPE GIRARDEAU MO	198.0	CP	BDCCDTL -20061026ABU
20	WBII-CD	HOLLY SPRINGS MS	104.2	LIC	BLDTA -20090513AFM
20	WNPX-LP	NASHVILLE TN	186.2	CP	BDFCDTL -20090515ABR
23	NEW	MEMPHIS TN	133.2	APP	BPRM -20070724ADE
34	WDYR-LD	DYERSBURG TN	73.7	CP	BDCCDTT -20061026ACP
17	W17DA	MEMPHIS TN	111.5	APP	USERRECORD-01

Proposed station is beyond the site to  
nearest cell evaluation distance

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Analysis of Interference to Affected Station 25

Analysis of current record

Channel	Call	City/State	Application Ref. No.
19	WJTE-LP	JACKSON TN	BPTTA -20030108AAX

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
18	W18BL	ADAMSVILLE TN	62.0	CP	BDFCDTA -20090824AKM
18	W18BL	ADAMSVILLE TN	62.0	LIC	BLTTL -19940511JH
19	WIIQ	DEMOPOLIS AL	380.2	LIC	BLEDT -20031023AAI

19	WIIQ-DT	DEMOPOLIS AL	379.7	PLN	DTVPLN	-DTVP0336
19	WIIQ	DEMOPOLIS AL	380.0	CP	BPEDT	-20090422AAZ
19	WUSI-DT	OLNEY IL	352.5	PLN	DTVPLN	-DTVP0351
19	WBKI-TV	CAMPBELLSVILLE KY	357.6	LIC	BLCDDT	-20080811ABA
19	WGRB-DT	CAMPBELLSVILLE KY	347.7	PLN	DTVPLN	-DTVP0354
20	KCGI-LD	CAPE GIRARDEAU MO	198.0	CP	BDCCDTL	-20061026ABU
20	WBII-CD	HOLLY SPRINGS MS	104.2	LIC	BLDTA	-20090513AFM
20	WNPX-LP	NASHVILLE TN	186.2	CP	BDFCDTL	-20090515ABR
23	NEW	MEMPHIS TN	133.2	APP	BPRM	-20070724ADE
34	WDYR-LD	DYERSBURG TN	73.7	CP	BDCCDTT	-20061026ACP
17	WL7DA	MEMPHIS TN	111.5	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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#### Analysis of Interference to Affected Station 26

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
20	K20EX	BATESVILLE AR	BLTTL	-20001130AAQ

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
20	WYLE-DT	FLORENCE AL	387.3	PLN	DTVPLN	-DTVP0385
20	DWYLE	FLORENCE AL	388.9	CP	BPCDDT	-19991101ALK
20	KTEJ-DT	JONESBORO AR	86.7	PLN	DTVPLN	-DTVP0387
20	KKYK-CA	LITTLE ROCK AR	139.7	CP	BDFCDTA	-20090813ABX
20	KKYK-CA	LITTLE ROCK AR	139.7	LIC	BLTTA	-20021227ABA
20	KCGI-LD	CAPE GIRARDEAU MO	256.3	CP	BDCCDTL	-20061026ABU
20	KNLJ	JEFFERSON CITY MO	314.3	LIC	BLCDT	-20061219AAX
20	KNLJ-DT	JEFFERSON CITY MO	314.3	PLN	DTVPLN	-DTVP0404
20	WBII-CD	HOLLY SPRINGS MS	259.9	LIC	BLDTA	-20090513AFM
20	KWBT-TV	MUSKOGEE OK	367.1	APP	BPRM	-19990917ABE
21	WDNM-LP	MEMPHIS TN	187.8	CP	BDISDTL	-20081201ABC
27	KLEP-DT	NEWARK AR	32.0	PLN	DTVPLN	-DTVP0663
35	K35EA	BATESVILLE AR	0.0	LIC	BLTTL	-20001130AAV
35	KEMV-DT	MOUNTAIN VIEW AR	50.8	PLN	DTVPLN	-DTVP0962
17	WL7DA	MEMPHIS TN	189.2	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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#### Analysis of Interference to Affected Station 27

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
20	WBII-CD	HOLLY SPRINGS MS	BLTTL	-19960913JB

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	WLOV-DT	WEST POINT MS	115.3	PLN	DTVPLN	-DTVP0228
16	WLOV-TV	WEST POINT MS	115.3	CP MOD	BMPCDT	-20070323AOK
20	DWYLE	FLORENCE AL	208.7	APP	BMPCDT	-20070920ABE
20	WYLE-DT	FLORENCE AL	150.9	PLN	DTVPLN	-DTVP0385
20	DWYLE	FLORENCE AL	154.1	CP	BPCDDT	-19991101ALK
20	WJXS-LD	JACKSONVILLE AL	361.5	CP	BDCCDTL	-20061027AGC
20	KTEJ-DT	JONESBORO AR	174.1	PLN	DTVPLN	-DTVP0387
20	KKYK-CA	LITTLE ROCK AR	281.5	CP	BDFCDTA	-20090813ABX
20	WAZE-TV	MADISONVILLE KY	336.8	CP	BPCDDT	-19991101AHC
20	WLCN-DT	MADISONVILLE KY	336.5	PLN	DTVPLN	-DTVP0397
20	KCGI-LD	CAPE GIRARDEAU MO	286.4	CP	BDCCDTL	-20061026ABU

20	WMPN-TV	JACKSON MS	303.9	CP	BPEDT	-20000113AAH
20	WMPN-DT	JACKSON MS	300.9	PLN	DTVPLN	-DTVP0405
20	W20BJ	ACTON TN	82.2	LIC	BLTTL	-20001208ABC
20	WNPX-LP	NASHVILLE TN	287.6	CP	BDFCDTL	-20090515ABR
21	WDNM-LP	MEMPHIS TN	56.1	CP	BDISDTL	-20081201ABC
23	NEW	MEMPHIS TN	102.8	APP	BPRM	-20070724ADE
28	WREG-DT	MEMPHIS TN	57.4	PLN	DTVPLN	-DTVP0727
35	WCBI-DT	COLUMBUS MS	126.1	PLN	DTVPLN	-DTVP0982
17	W17DA	MEMPHIS TN	58.9	APP	USERRECORD-01	

Proposal causes no interference

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#### Analysis of Interference to Affected Station 28

##### Analysis of current record

Channel	Call	City/State	Application Ref. No.
20	W20BJ	ACTON TN	BLTTL -20001208ABC

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
16	WLOV-DT	WEST POINT MS	134.4	PLN	DTVPLN -DTVP0228
16	WLOV-TV	WEST POINT MS	134.4	CP MOD	BMPCDT -20070323AOK
20	DWYLE	FLORENCE AL	126.6	APP	BMPCDT -20070920ABE
20	WYLE-DT	FLORENCE AL	77.0	PLN	DTVPLN -DTVP0385
20	DWYLE	FLORENCE AL	78.2	CP	BPCDT -19991101ALK
20	WJXS-LD	JACKSONVILLE AL	294.8	CP	BDCCDTL -20061027AGC
20	KTEJ-DT	JONESBORO AR	231.8	PLN	DTVPLN -DTVP0387
20	KKYK-CA	LITTLE ROCK AR	362.7	CP	BDFCDTA -20090813ABX
20	WAZE-TV	MADISONVILLE KY	292.5	CP	BPCDT -19991101AHC
20	WLCN-DT	MADISONVILLE KY	292.2	PLN	DTVPLN -DTVP0397
20	KCGI-LD	CAPE GIRARDEAU MO	288.2	CP	BDCCDTL -20061026ABU
20	WBII-CD	HOLLY SPRINGS MS	82.2	LIC	BLTTL -19960913JB
20	WBII-CD	HOLLY SPRINGS MS	60.2	LIC	BLDTA -20090513AFM
20	WMPN-TV	JACKSON MS	349.0	CP	BPEDT -20000113AAH
20	WMPN-DT	JACKSON MS	345.8	PLN	DTVPLN -DTVP0405
20	WNPX-LP	NASHVILLE TN	217.0	CP	BDFCDTL -20090515ABR
21	WDNM-LP	MEMPHIS TN	126.8	CP	BDISDTL -20081201ABC
22	WFIQ	FLORENCE AL	76.8	LIC	BLEDT -20060718ACG
22	WFIQ-DT	FLORENCE AL	77.0	PLN	DTVPLN -DTVP0468
28	WREG-DT	MEMPHIS TN	123.0	PLN	DTVPLN -DTVP0727
35	WCBI-DT	COLUMBUS MS	132.8	PLN	DTVPLN -DTVP0982
17	W17DA	MEMPHIS TN	122.5	APP	USERRECORD-01

Proposed station is beyond the site to  
nearest cell evaluation distance

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#### Analysis of Interference to Affected Station 29

##### Analysis of current record

Channel	Call	City/State	Application Ref. No.
24	W24DJ	TUPELO MS	BNPTTL -20000830BBQ

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
16	WLOV-DT	WEST POINT MS	68.3	PLN	DTVPLN -DTVP0228
16	WLOV-TV	WEST POINT MS	68.3	CP MOD	BMPCDT -20070323AOK
20	WYLE-DT	FLORENCE AL	89.7	PLN	DTVPLN -DTVP0385
20	DWYLE	FLORENCE AL	95.5	CP	BPCDT -19991101ALK
22	WFIQ	FLORENCE AL	89.6	LIC	BLEDT -20060718ACG
22	WFIQ-DT	FLORENCE AL	89.8	PLN	DTVPLN -DTVP0468
23	WVUA-CA	TUSCALOOSA AL	177.4	APP	BDISDTA -20090824ABW
24	W24DC	HAMILTON AL	76.8	CP	BDFCDTL -20080324AIP

24	W24DC	HAMILTON AL	76.8	LIC	BLTTL	-20051214ACZ
24	WHIQ-DT	HUNTSVILLE AL	205.1	PLN	DTVPLN	-DTVP0553
24	WHIQ	HUNTSVILLE AL	205.1	LIC	BLEDT	-20060927ALU
24	NEW	MONTGOMERY AL	312.6	APP	BNPDTL	-20090825ANN
24	NEW -DT	TUSKEGEE AL	359.5	PLN	DTVPLN	-DTVP0554
24	KVTN-DT	PINE BLUFF AR	306.4	CP	BPCDT	-19990924AAQ
24	KVTN-DT	PINE BLUFF AR	306.4	PLN	DTVPLN	-DTVP0555
24	NEW	MONROE LA	363.4	APP	BNPDTL	-20090825AKN
25	WJMY-CA	DEMOPOLIS AL	177.4	CP	BDFCDTA	-20090824ABD
25	NEW	TUSCALOOSA AL	135.4	APP	BNPDTL	-20090825BZU
28	WREG-DT	MEMPHIS TN	139.8	PLN	DTVPLN	-DTVP0727
31	WLMT-DT	MEMPHIS TN	137.2	PLN	DTVPLN	-DTVP0841
31	WLMT	MEMPHIS TN	143.7	LIC	BLCDT	-20050427ABN
38	WMAB-DT	MISSISSIPPI STATE MS	115.3	PLN	DTVPLN	-DTVP1053
39	WBCF-LD	FLORENCE AL	109.2	CP	BDCCDTL	-20061017ABF
39	W39CD	FULTON MS	51.0	STA	BSTA	-20050228ADW
39	W39CD	FULTON MS	51.0	LIC	BLTTA	-20090811ABQ
17	W17DA	MEMPHIS TN	141.0	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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#### Analysis of Interference to Affected Station 30

##### Analysis of current record

Channel	Call	City/State	Application Ref. No.
25	W25BY	JACKSON TN	BLTTL -20001130ABV

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
23	NEW	MEMPHIS TN	131.5	APP	BPRM -20070724ADE
24	W24DC	HAMILTON AL	194.9	CP	BDFCDTL -20080324AIP
25	WJMY-CA	DEMOPOLIS AL	310.4	CP	BDFCDTA -20090824ABD
25	NEW	TUSCALOOSA AL	278.4	APP	BNPDTL -20090825BZU
25	NEW	EVANSVILLE IN	269.9	APP	BNPDTL -20090825AZP
25	NEW	EVANSVILLE IN	269.4	APP	BNPDTL -20090825BSG
25	NEW	EVANSVILLE IN	290.2	APP	BNPDTL -20090825BAD
25	WKUT-LD	BOWLING GREEN KY	244.9	CP	BDCCDTL -20061018AAB
25	WMAO-DT	GREENWOOD MS	302.2	PLN	DTVPLN -DTVP0607
25	W25DU-D	CLARKSVILLE TN	163.9	CP	BDCCDTL -20070511ABJ
25	WPTY-TV	MEMPHIS TN	101.9	LIC	BLCDT -20050628AAP
25	WPTY-DT	MEMPHIS TN	107.8	PLN	DTVPLN -DTVP0619
25	WIIW-LD	NASHVILLE TN	178.4	CP	BDCCDTL -20070511AEM
26	WUWT-CD	UNION CITY TN	90.6	LIC	BLDTA -20090514AAD
28	WREG-DT	MEMPHIS TN	111.2	PLN	DTVPLN -DTVP0727
29	WKNO	MEMPHIS TN	111.9	LIC	BLEDT -20060627ABE
29	WKNO-DT	MEMPHIS TN	111.8	PLN	DTVPLN -DTVP0767
29	WKNO	MEMPHIS TN	111.9	CP MOD	BMPEDT -20021112ACA
39	WMTU-DT	JACKSON TN	34.3	PLN	DTVPLN -DTVP1105
40	NEW	CORINTH MS	87.4	APP	BNPDTL -20090902ABG
17	W17DA	MEMPHIS TN	108.5	APP	USERRECORD-01

Proposed station is beyond the site to  
nearest cell evaluation distance

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#### Analysis of Interference to Affected Station 31

##### Analysis of current record

Channel	Call	City/State	Application Ref. No.
17	W17DA	MEMPHIS TN	USERRECORD-01

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	W25BY	MEMPHIS TN	0.3	APP	BPTTL	-20020925ABY
17	W38BQ	HUNTSVILLE AL	303.7	APP	BDISDTA	-20090812AAS
17	WTCT	MARION IL	270.4	LIC	BLCDT	-20060629ACN
17	WTCT-DT	MARION IL	270.4	PLN	DTVPLN	-DTVP0258
17	WTCT	MARION IL	270.4	CP MOD	BMPCDT	-20011119AAX
17	K17DL-D	BRANSON MO	355.1	LIC	BLDTL	-20090522ABA
17	K17FU	MARSHFIELD MO	366.6	CP	BDFCDTL	-20060331BAQ
17	K22HG	ST. CHARLES MO	400.2	CP	BDISDTT	-20060327ACC
17	NEW	CLEVELAND MS	214.6	APP	BNPDTL	-20090825BFS
17	WXVT-DT	GREENVILLE MS	190.8	PLN	DTVPLN	-DTVP0267
17	WRTN-LD	NASHVILLE TN	296.8	APP	BDISDTL	-20091001ABU
17	WNTU-LP	NASHVILLE TN	296.8	APP	BDISDTL	-20090908ABH
18	KTWN-LD	SEARCY AR	200.9	APP	BSTA	-20060726ANI
18	KTWN-LD	SEARCY AR	200.9	LIC	BLDTL	-20070521AAM
18	W18BL	ADAMSVILLE TN	130.8	CP	BDFCDTA	-20090824AKM

Total scenarios = 1

Result key: 2  
Scenario 1 Affected station 31 W17DA  
Before Analysis

Results for: 17A TN MEMPHIS USERRECORD01 APP  
HAAT 179.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1039335	4550.0
not affected by terrain losses	1039335	4550.0
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