

Evansville27\_summary  
Summary Study

Percent allowed new interference: 0.500  
Percent allowed new interference to non Class A LPTV: 2.000  
Census data selected 2000  
Data Base Selected  
./data\_files/pt\_tvdb.sff  
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 02-23-2011 Time: 13:45:43

Record Selected for Analysis

W27DH USERRECORD-01 EVANSVILLE IN US  
Channel 27 ERP 15. kw HAAT 126. m RCAMSL 00250 m STRINGENT MASK  
Latitude 038-01-26 Longitude 0087-21-43  
Status APP Zone 2 Border Site number: 01  
Dir Antenna Make usr Model USRPAT01 Beam tilt N Ref Azimuth 220.  
Last update Cutoff date Docket  
Comments  
Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Not full service station  
Service Class = LD  
Maximum height/power limits not checked

Site number 1			
Azimuth (Deg)	ERP (kw)	HAAT (m)	51.0 dBu F(50,90) (km)
0.0	0.013	113.7	10.9
45.0	0.054	114.9	15.2
90.0	0.006	124.9	9.5
135.0	0.128	128.9	20.7
180.0	6.936	132.9	41.6
225.0	14.702	130.1	45.2
270.0	4.213	133.2	39.1
315.0	0.013	127.5	11.5

Contour Overlap to Proposed Station

Station			
WJTS-LP 27 JASPER	IN BLTTL19930211JD	causes	

Contour overlap to Digital LPTV station  
W27DH 27 EVANSVILLE IN USERRECORD01  
Required D/U ratio: 2.0

Contour Overlap Evaluation to Proposed Station Complete

# Evansville27\_summary

## LANDMOBILE SPACING VIOLATIONS FOUND

NONE from Site # 01

## 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

Channel	Call	Proposed Station City/State	ARN
27	W27DH	EVANSVILLE IN	USERRECORD01

## Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
23	DWNOI-LP	FLORA IL	112.1	CP	BPTTL	-20060710ADD
26	NEW	CHAMPAIGN IL	151.4	APP	BNPDTL	-20100219ABT
26	NEW	EVANSVILLE IN	21.9	APP	BNPDTL	-20090825AZW
26	NEW	EVANSVILLE IN	0.0	APP	BNPDTL	-20090825BAA
26	WLKY-TV	LOUISVILLE KY	139.2	LIC	BLCDDT	-20030129AFL
26	DW26CJ	CLARKSVILLE TN	170.5	LIC	BLTTL	-20041122AIZ
27	W27CV	SCOTTSBORO AL	401.0	LIC	BLTT	-20060126AEL
27	K27FC	PARAGOULD AR	356.9	LIC	BLTT	-19980129JC
27	NEW	LA SALLE IL	388.9	APP	BNPDTL	-20100721DRD
27	W18CJ	QUINCY IL	405.2	CP	BDISDTL	-20090813ACV
27	NEW	TOWANDA IL	313.7	APP	BNPDTL	-20100510AGR
27	WIPX-TV	BLOOMINGTON IN	186.3	LIC	BLCDDT	-20040406AAH
27	WJTS-LP	JASPER IN	53.6	LIC	BLTTL	-19930211JD
27	WSOT-LP	MARION IN	328.4	CP	BDISDTL	-20081230AFT
27	NEW	ROLLA MO	387.3	APP	BNPDTL	-20090825BJV
27	KPTN-LD	ST. LOUIS MO	271.7	CP	BDCCDTL	-20061005AAZ
27	WTNB-CA	CLEVELAND TN	383.8	LIC	BLTT	-19971027JD
27	WJTE-LD	JACKSON TN	285.6	CP	BDCCDTL	-20061030ANV
27	NEW	JACKSON TN	285.6	APP	BNPDTL	-20100831AAY
27	WKXE-LD	KNOXVILLE TN	377.4	CP	BDCCDTL	-20061030ANT
27	WKRN-TV	NASHVILLE TN	224.7	LIC	BLCDDT	-20090624ABO
28	NEW	EFFINGHAM IL	151.4	APP	BNPDTL	-20100219ABQ
28	WTVW	EVANSVILLE IN	0.0	CP	BPCDDT	-19991101ACY
28	W28DZ-D	TERRE HAUTE IN	134.3	CP	BNPDTL	-20100128AHN
28	W28DZ-D	TERRE HAUTE IN	134.3	APP	BMPDTL	-20110127ABQ

28	WBKI-CA	LOUISVILLE KY	137.2	LIC	BLTTL	-20010507AAD
28	WSIU-TV	CAPE GIRARDEAU MO	205.8	APP	BDRTEDT	-20100830ABG
28	WJNK-LP	NASHVILLE TN	201.5	CP	BDISDTL	-20090813ADC

Study of this proposal found the following interference problem(s):

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