

Evansville33_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: 14:53:07

Record Selected for Analysis

W33CU USERRECORD-01 EVANSVILLE IN US
Channel 33 ERP 5. kw HAAT 122. m RCAMSL 00282 m STRINGENT MASK
Latitude 037-36-50 Longitude 0088-52-20
Status APP Zone 2 Border Site number: 01
Dir Antenna Make usr Model USRPAT01 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 (Deg)	ERP (kw)	HAAT (m)	51.0 dBu F(50,90) (km)
0.0	5.000	137.4	40.3
45.0	5.000	136.6	40.2
90.0	5.000	135.9	40.2
135.0	5.000	107.1	38.0
180.0	5.000	112.6	38.5
225.0	5.000	96.5	36.8
270.0	5.000	111.5	38.4
315.0	5.000	138.9	40.4

Contour Overlap to Proposed Station

Contour Overlap Evaluation to Proposed Station Complete

LANDMOBILE SPACING VIOLATIONS FOUND

NONE from Site # 01

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Checks to Site Number 01

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Channel	Call	Proposed Station	City/State	ARN
33	W33CU		EVANSVILLE IN	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
25	DK65GP	CARBONDALE IL	28.0	APP	BPTTL	-20020806ABD
26	WUWT-CD	UNION CITY TN	130.6	APP	BSTA	-20070904AAB
26	WUWT-CD	UNION CITY TN	130.6	APP	BSTA	-20080804AEW
26	WUWT-CD	UNION CITY VI	130.6	APP	BDISTTA	-20071016ABB
29	W29CI	SALEM IL	106.0	APP	BSTA	-20060726ARU
29	W29CI	SALEM IL	106.0	APP	BSTA	-20070117AFL
29	W29CI	SALEM IL	106.0	LIC	BLTTA	-20011130AAJ
32	NEW	EVANSVILLE IN	128.0	APP	BNPDTL	-20090825AZT
32	WPSD-TV	PADUCAH KY	47.9	LIC	BLCDT	-20040227ABD
33	W33CM	DECATUR AL	371.7	LIC	BLTT	-20060817AEG
33	NEW	PARAGOULD AR	203.7	APP	BNPDTL	-20101019AAP
33	W50DD	PEORIA IL	332.7	CP	BDISDTT	-20060328ABW
33	W33AY-D	SPRINGFIELD IL	249.1	LIC	BLDTL	-20101122ABA
33	WHFE-LP	SULLIVAN IN	227.2	CP	BDCCDTL	-20061027ABH
33	NEW	WOLCOTT IN	383.8	APP	BNPDTL	-20100112AEA
33	NEW	JEFFERSON CITY MO	306.1	APP	BNPDTL	-20100208ABF
33	K33GU	ST. LOUIS MO	165.9	LIC	BLTT	-20031016ABC
33	WPGD-TV	HENDERSONVILLE TN	237.5	LIC	BLCDT	-20090701AAZ
33	WPGD-DR	HENDERSONVILLE TN	237.5	APP	BPRM	-20080620AIV
33	WFBI-LD	SOUTH EAST MEMPHIS TN	280.3	LIC	BLDTL	-20100715AFO
33	WFBI-LD	SOUTH EAST MEMPHIS TN	280.0	CP	BDISDTL	-20060301ACO
34	NEW	CHAMPAIGN IL	157.9	APP	BNPDTL	-20100219ABU
34	WSIL-TV	HARRISBURG IL	0.0	LIC	BLCDT	-20080718AAR
34	K22HG	ST. CHARLES MO	198.5	STA	BSTA	-20000606ABM
34	WDYR-LD	DYERSBURG TN	180.2	CP	BDCCDTT	-20061026ACP

[illegible]

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

NONE.