

JeffersonCity33_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: 03-04-2011 Time: 12:22:40

Record Selected for Analysis

20100208 USERRECORD-01 JEFFERSONCITY MO US
Channel 33 ERP 15. kw HAAT 154. m RCAMSL 00372 m STRINGENT MASK
Latitude 038-41-30 Longitude 0092-05-45
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	15.000	119.6	44.6
45.0	15.000	138.5	45.9
90.0	15.000	160.5	47.4
135.0	15.000	182.8	48.8
180.0	15.000	173.1	48.2
225.0	15.000	164.9	47.7
270.0	15.000	151.8	46.9
315.0	15.000	137.8	45.9

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	Proposed Station Call	City/State	ARN
33	20100208	JEFFERSONCITY MO	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
30	K30JZ	COLUMBIA MO	46.2	CP	BNPTTL	-20000829ALQ
32	WTJR	QUINCY IL	156.9	LIC	BLCDDT	-20091110ADL
32	NEW	JEFFERSON CITY MO	0.0	APP	BNPDTL	-20100208ABE
32	K32JJ-D	ROLLA MO	85.2	CP	BNPDTL	-20090825BKA
33	K33HE	FORT SMITH AR	404.7	LIC	BLTTL	-20051208ACS
33	NEW	PARAGOULD AR	309.1	APP	BNPDTL	-20101019AAP
33	KKAF-CA	SILAM SPRINGS AR	353.9	CP	BDFCDTA	-20101129AAI
33	KKAF-CA	SILAM SPRINGS AR	353.9	LIC	BLTTL	-20000707AEK
33	W50DD	PEORIA IL	299.8	CP	BDISDTT	-20060328ABW
33	W33AY-D	SPRINGFIELD IL	246.2	LIC	BLDTL	-20101122ABA
33	W33CU-D	EVANSVILLE IN	306.1	CP	BNPDTL	-20090825AZO
33	W33CU-D	EVANSVILLE IN	306.1	APP	BMPDTL	-20110228ABQ
33	WHFE-LP	SULLIVAN IN	406.1	CP	BDCCDTL	-20061027ABH
33	K33HW	PARSONS KS	329.4	LIC	BLTTL	-20070618ACA
33	K33IC	TOPEKA KS	332.8	LIC	BLTT	-20050408AAJ
33	DK53FM	BELTON MO	211.7	APP	BPTTL	-20020509AAW
33	NEW	JEFFERSON CITY MO	0.0	APP	BNPDTL	-20100208ABF
33	NEW	JOPLIN MO	260.1	APP	BDCC	-20110215AAK
33	KTVO	KIRKSVILLE MO	206.4	LIC	BLCDDT	-20030604AAC
33	K33GU	ST. LOUIS MO	154.3	LIC	BLTT	-20031016ABC
33	K33AC-D	PAWNEE CITY NE	401.1	LIC	BLDTT	-20081114ACQ
34	WQEC	QUINCY IL	158.2	LIC	BLEDT	-20040715ADL
34	K34JU-D	COLUMBIA MO	39.1	CP	BNPTTL	-20000830BKD
34	K34JU-D	COLUMBIA MO	26.2	CP	BDFCDTL	-20090819ADY
34	K34CW	KIRKSVILLE MO	176.3	LIC	BLTT	-19981210JB
34	K34KX-D	ROLLA MO	85.2	CP	BNPDTL	-20090825BKD
34	K22HG	ST. CHARLES MO	127.9	STA	BSTA	-20000606ABM
40	K40JW-D	MACON MO	124.3	CP	BNPTTL	-20000829ASF
41	K41OI	JEFFERSON CITY MO	20.5	LIC	BLTTL	-19940825I

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

NONE.

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