

Columbia32\_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: 12:00:11

Record Selected for Analysis

20100208 USERRECORD-01 COLUMBIA MO US  
Channel 32 ERP 3. kw HAAT 151. m RCAMSL 00368 m STRINGENT MASK  
Latitude 038-47-28 Longitude 0092-17-44  
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	ERP	HAAT	51.0 dBu F(50,90)
(Deg)	(kw)	(m)	(km)
0.0	3.000	146.7	38.3
45.0	3.000	119.5	36.4
90.0	3.000	125.7	36.9
135.0	3.000	139.9	37.8
180.0	3.000	168.3	39.7
225.0	3.000	166.0	39.5
270.0	3.000	172.1	39.9
315.0	3.000	168.1	39.7

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

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## Start of Interference Analysis

Channel	Proposed Station	Call	City/State	ARN
32	20100208	COLUMBIA MO		USERRECORD01

## Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
28	KLMC-LP	JEFFERSON CITY MO	25.2	LIC	BLTTL	-20050613AFP
28	KLMC-LP	JEFFERSON CITY MO	22.6	CP	BPTTL	-20090824AME
30	K30JZ	COLUMBIA MO	26.2	CP	BNPTTL	-20000829ALQ
31	KCWE	KANSAS CITY MO	194.7	LIC	BLCDDT	-20051014ABT
31	KDNL-TV	ST. LOUIS MO	172.2	LIC	BLCDDT	-20021216AAE
32	K32ID-D	DES MOINES IA	337.6	CP	BDCCDTL	-20061030AKM
32	W29BG	DECATUR IL	305.8	CP	BDISDTT	-20060329ALT
32	NEW	PEORIA IL	305.0	APP	BNPDTL	-20091119ACQ
32	WTJR	QUINCY IL	155.4	LIC	BLCDDT	-20091110ADL
32	DW24BV	ROCK ISLAND IL	343.1	APP	BPTTL	-20020513AAU
32	K32JQ-D	MANHATTAN KS	376.3	CP	BNPDTL	-20090908ADQ
32	K32HB	MANHATTAN KS	376.3	LIC	BLTTL	-20081014ACF
32	KQKC-LP	TOPEKA KS	336.1	LIC	BLTTL	-20100128AAE
32	WPSD-TV	PADUCAH KY	340.4	LIC	BLCDDT	-20040227ABD
32	NEW	JEFFERSON CITY MO	20.5	APP	BNPDTL	-20100208ABE
32	KCLG-CA	NEOSHO MO	282.1	LIC	BLTTA	-20040922ADI
32	KCLG-CA	NEOSHO MO	282.1	LIC	BLTTL	-19890411IA
32	K32JJ-D	ROLLA MO	102.1	CP	BNPDTL	-20090825BKA
33	DK53FM	BELTON MO	193.8	APP	BPTTL	-20020509AAW
33	NEW	JEFFERSON CITY MO	20.5	APP	BNPDTL	-20100208ABF
33	KTVO	KIRKSVILLE MO	193.6	LIC	BLCDDT	-20030604AAC
33	K33GU	ST. LOUIS MO	172.7	LIC	BLTT	-20031016ABC
34	K34JU-D	COLUMBIA MO	24.9	CP	BNPTTL	-20000830BKD
40	K40JW-D	MACON MO	109.1	CP	BNPTTL	-20000829ASF

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

NONE