

Columbia14_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: 09:53:59

Record Selected for Analysis

K140I USERRECORD-01 COLUMBIA MO US
Channel 14 ERP 15. 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 (Deg)	ERP (kw)	HAAT (m)	51.0 dBu F(50,90) (km)
0.0	15.000	146.7	46.5
45.0	15.000	119.5	44.6
90.0	15.000	125.7	45.0
135.0	15.000	139.9	46.0
180.0	15.000	168.3	47.9
225.0	15.000	166.0	47.8
270.0	15.000	172.1	48.2
315.0	15.000	168.1	47.9

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	City/State	ARN
14	K140I	COLUMBIA MO	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	KHMF-CA	BENTONVILLE AR	314.0	LIC	BLTT	-19940525JL
14	NEW	CLARKSVILLE AR	384.7	APP	BNPDTL	-20100504AMK
14	NEW	DAVENPORT IA	324.2	APP	BDCCDTL	-20110224ACA
14	WBQD-LD	DAVENPORT IA	324.2	CP	BDISDTL	-20090630AAS
14	NEW	CHAMPAIGN IL	402.1	APP	BSFDTL	-20060630BKW
14	W14DL-D	PEORIA IL	310.5	CP	BNPDTL	-20091026ABL
14	W14DD-D	QUINCY IL	155.4	CP	BDCCDTL	-20061010AMX
14	W14DI-D	SPRINGFIELD IL	256.3	CP	BNPDTL	-20090825AYK
14	KUJH-LP	LAWRENCE KS	257.7	LIC	BL TTL	-19951003IC
14	NEW	PAXICO KS	337.2	APP	BNPDTL	-20100514AIA
14	K14NX-D	PITTSBURG KS	266.4	CP	BNPDTL	-20100106AGD
14	NEW	SAINT JOSEPH MO	286.6	APP	BNPDTL	-20100902ABK
14	KNLC	ST. LOUIS MO	159.1	LIC	BLC DT	-20061228AAC
15	KMOS-TV	SEDALIA MO	52.9	LIC	BLEDT	-20030108ABK
15	K15CZ	SPRINGFIELD MO	193.0	LIC	BL TTL	-20020306AAD
15	K15CZ	SPRINGFIELD MO	193.0	CP	BDFCDTL	-20081014AEG
16	K16FE	ROLLA MO	112.3	LIC	BLTT	-20040827ABP

[illegible]

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

NONE.