

Percent allowed new interference: 0.500
Percent allowed new interference to non Class A LPTV: 2.000
TW Census data selected 2000
Data Base Selected
/space/software/cdbs/pt_tvdb.sff
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 10-31-2012 Time: 08:37:30

Record Selected for Analysis

K44JV USERRECORD-01 US
Channel 44 ERP 1. kW HAAT 126. m RCAMSL 01012 m STRINGENT MASK
Latitude 037-46-43 Longitude 0100-53-43
Status APP Zone 2 Border Site number: 01
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	1.000	133.2	31.7
45.0	1.000	139.3	32.1
90.0	1.000	138.9	32.1
135.0	1.000	142.3	32.3
180.0	1.000	123.6	31.1
225.0	1.000	107.0	29.8
270.0	1.000	109.9	30.1
315.0	1.000	114.9	30.5

Contour Overlap to Proposed Station

Contour Overlap Evaluation to Proposed Station Complete

NO LANDMOBILE SPACING VIOLATIONS FOUND

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
44	K44JV		USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
29	KSAS-LP	DODGE CITY KS	73.3	LIC	BLTTL	-19941209JF
41	KLKT-LP	LIBERAL KS	80.7	LIC	BLTTL	-20050516AAE
43	NEW	BURLINGTON CO	205.4	APP	BNPDTL	-20100514AFW
43	NEW	WAKEENEY KS	169.0	APP	BNPDTL	-20100514AGX
43	K43NU-D	FOLLETT TX	165.8	LIC	BLDTT	-20120621ACD
44	K44LJ-D	ANTON CO	313.4	LIC	BLDTT	-20120430AAV
44	K44LY-D	ARRIBA CO	270.3	CP	BNPDTL	-20100514AFG
44	K44IX-D	SAN LUIS CO	404.7	LIC	BLDTT	-20101006AAX
44	K44FL-D	STERLING CO	363.1	LIC	BLDTT	-20110214AAW
44	K44FM-D	WRAY CO	277.9	LIC	BLDTT	-20110505AAL
44	K44FN-D	MCCOOK/CULBERTSON NE	276.1	LIC	BLDTT	-20081017AEC
44	K44CG-D	CAPULIN, ETC. NM	289.6	LIC	BLDTT	-20120608ABV
44	K44CJ	TUCUMCARI NM	386.3	CP	BDFCDTT	-20120607AAK
44	K44CJ	TUCUMCARI NM	385.7	LIC	BLTT	-19900312JE
44	K45EJ	ENID OK	299.5	CP	BDISDTT	-20091008AAE
44	K44IW-D	HOLLIS OK	351.3	LIC	BLDTT	-20100802AZF
44	K44CC-D	GRUVER TX	175.8	LIC	BLDTT	-20100827AAN
44	KYAM-LD	HEREFORD TX	318.2	LIC	BLDTL	-20100128AAC
44	K44AK-D	MEMPHIS TX	331.5	LIC	BLDTT	-20100817ABH
44	K44GL	PLAINVIEW TX	402.3	LIC	BLTT	-20050630AEW
45	K45BU	DEORA CO	180.6	LIC	BLTT	-19880621IS
45	NEW	GOODLAND KS	185.3	APP	BNPDTL	-20100514AGB
45	K45AU-D	FOLLETT TX	165.8	LIC	BLDTT	-20120621ACC

%%%

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
29	KSAS-LP	DODGE CITY KS	BLTTL	-19941209JF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
21	KDCK	DODGE CITY KS	11.5	LIC	BLEDT	-20030423ABG
22	KSNC	GREAT BEND KS	134.0	LIC	BLCDDT	-20081112AIQ
29	K29JU-D	GARDEN CITY KS	68.9	CP	BNPDTL	-20100108ADI
29	KTUZ-TV	SHAWNEE OK	337.0	CP MOD	BMPCDDT	-20060707AFM
29	KTUZ-TV	SHAWNEE OK	337.0	LIC	BLCDDT	-20081105ACO
44	K44JV		73.3	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application Ref. No.
41	KLKT-LP	LIBERAL KS	BLTTTL -20050516AAE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
44	K44JV		80.7	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application Ref. No.
43	NEW	BURLINGTON CO	BNPDTL -20100514AFW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
43	K43CG	COLORADO SPRINGS CO	241.9	LIC	BLTTTL -20030604ACP
43	K43CG	COLORADO SPRINGS CO	241.9	CP	BDFCDTL -20120329AMG
43	KPXC-TV	DENVER CO	245.1	APP	BMPCDT -20070104ACH
43	KPXC-TV	DENVER CO	248.7	LIC	BLCDT -20080818ACR
43	K43NE-D	PUEBLO CO	194.9	CP	BNPDTL -20100329AAL
44	K44JV		205.4	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application Ref. No.
43	NEW	WAKEENEY KS	BNPDTL -20100514AGX

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
43	K43NX-D	SALINA KS	197.6	CP	BNPDTL -20100930ARM
43	KPTM	OMAHA NE	381.5	APP	BMPCDT -20040609AAB
43	KPTM	OMAHA NE	381.5	LIC	BLCDT -20051107AFO
44	K44JV		169.0	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application Ref. No.
43	K43NU-D	FOLLETT TX	BLDTT -20120621ACD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
43	K43KU-D	SEILING OK	121.7	LIC	BLDTT	-20101007ACI
43	K43ED-D	NEW MOBEETIE TX	88.9	LIC	BLDTT	-20101022AAN
43	KLCW-TV	WOLFFORTH TX	351.0	CP MOD	BMPCDT	-20080411AAI
43	KLCW-TV	WOLFFORTH TX	351.0	LIC	BLCDT	-20110404AFU
44	K44JV		165.8	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
44	K44LJ-D	ANTON CO	BLDTT	-20120430AAV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
43	K43FS-D	AKRON CO	51.8	LIC	BLDTT	-20110808ABG
43	KPXC-TV	DENVER CO	132.3	APP	BMPCDT	-20070104ACH
44	K44LY-D	ARRIBA CO	60.1	CP	BNPDTL	-20100514AFG
44	K44CT	BOULDER CO	163.4	LIC	BLTT	-19890822IA
44	DK48FW	DENVER CO	141.0	CP	BDISDTT	-20090630AFG
44	KDNF-LD	FORT COLLINS CO	163.7	APP	BSTA	-20081224AAG
44	KDNF-LD	FT COLLINS CO	194.7	LIC	BLDTL	-20110926AFK
44	K44FL-D	STERLING CO	85.8	LIC	BLDTT	-20110214AAW
44	K44FM-D	WRAY CO	97.8	LIC	BLDTT	-20110505AAL
45	K45FD-D	ANTON CO	0.0	CP	BPDTT	-20120712AEZ
45	K45FD-D	ANTON CO	0.0	LIC	BLDTT	-20110208ABF
45	KWHD-DR	CASTLE ROCK CO	121.6	APP	BPRM	-20080619AEZ
44	K44JV		313.4	APP	USERRECORD-01	

Proposal causes no interference

#####

Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
44	K44LY-D	ARRIBA CO	BNPDTL	-20100514AFG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	K44LJ-D	ANTON CO	60.1	LIC	BLDTT	-20120430AAV
44	K44CT	BOULDER CO	183.1	LIC	BLTT	-19890822IA
44	DK48FW	DENVER CO	151.9	CP	BDISDTT	-20090630AFG
44	KDNF-LD	FORT COLLINS CO	206.1	APP	BSTA	-20081224AAG
45	K45FD-D	ANTON CO	60.1	CP	BPDTT	-20120712AEZ
45	KWHD-DR	CASTLE ROCK CO	116.6	APP	BPRM	-20080619AEZ
44	K44JV		270.3	APP	USERRECORD-01	

Proposal causes no interference

#####

Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application Ref. No.
44	K44IX-D	SAN LUIS CO	BLDTT -20101006AAX

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
44	K44CA	CIMARRON CREEK, ETC. CO	231.1	LIC	BLTT -19880908IB
44	K44CG-D	CAPULIN, ETC. NM	148.4	LIC	BLDTT -20120608ABV
44	K44DD	CHAMA NM	109.5	CP	BDFCDTT -20120607AAM
44	K44DD	CHAMA NM	109.5	LIC	BLTT -19920702IC
44	K44CZ-D	PENASCO NM	110.9	LIC	BLDTT -20100621ACE
44	K44JV		404.7	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application Ref. No.
44	K44FL-D	STERLING CO	BLDTT -20110214AAW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
43	K43FS-D	AKRON CO	34.8	LIC	BLDTT -20110808ABG
43	K43JJ-D	HAXTUN CO	30.8	LIC	BLDTT -20110928AKE
44	K44LJ-D	ANTON CO	85.8	LIC	BLDTT -20120430AAV
44	KDNF-LD	FORT COLLINS CO	160.8	APP	BSTA -20081224AAG
44	KDNF-LD	FT COLLINS CO	184.5	LIC	BLDTL -20110926AFK
44	K44FM-D	WRAY CO	91.2	LIC	BLDTT -20110505AAL
44	K44FN-D	MCCOOK/CULBERTSON NE	185.4	LIC	BLDTT -20081017AEC
44	K44JV		363.1	APP	USERRECORD-01

Proposal causes no interference

#####

Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application Ref. No.
44	K44FM-D	WRAY CO	BLDTT -20110505AAL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
44	K44LJ-D	ANTON CO	97.8	LIC	BLDTT -20120430AAV
44	K44LY-D	ARRIBA CO	123.7	CP	BNPDTL -20100514AFG
44	K44FL-D	STERLING CO	91.2	LIC	BLDTT -20110214AAW
44	K44FN-D	MCCOOK/CULBERTSON NE	115.7	LIC	BLDTT -20081017AEC
44	K44JV		277.9	APP	USERRECORD-01

Proposal causes no interference

#####

Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application Ref. No.
44	K44FN-D	MCCOOK/CULBERTSON NE	BLDTT -20081017AEC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
44	K44FM-D	WRAY CO	115.7	LIC	BLDTT -20110505AAL
44	K44JV		276.1	APP	USERRECORD-01

Proposal causes no interference

#####

Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application Ref. No.
44	K44CG-D	CAPULIN, ETC. NM	BLDTT -20120608ABV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
43	K43GW	RATON, ETC. NM	47.9	CP	BDFCDTT -20120604ADS
43	K43GW	RATON, ETC. NM	47.9	LIC	BLTT -20031107AEU
44	K44CZ-D	PENASCO NM	173.3	LIC	BLDTT -20100621ACE
44	K44JV		289.6	APP	USERRECORD-01

Proposal causes no interference

#####

Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application Ref. No.
44	K44CJ	TUCUMCARI NM	BDFCDTT -20120607AAK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
44	K44CG-D	CAPULIN, ETC. NM	175.4	LIC	BLDTT -20120608ABV
44	KYAM-LD	HEREFORD TX	148.0	LIC	BLDTL -20100128AAC
44	K44JV		386.3	APP	USERRECORD-01

Proposal causes no interference

#####

Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application Ref. No.
44	K44CJ	TUCUMCARI NM	BLTT -19900312JE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
44	K44JV		385.7	APP	USERRECORD-01

Proposal causes no interference

#####

Analysis of Interference to Affected Station 15

Analysis of current record

Channel	Call	City/State	Application Ref. No.
44	K45EJ	ENID OK	BDISDTT -20091008AAE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
44	K44BQ	ARDMORE OK	197.9	CP	BDFCDTL -20111205AKH
44	K44BQ	ARDMORE OK	234.7	LIC	BLTT -19900823II
44	K40KC-D	TULSA OK	176.8	CP	BDISDTL -20091027AAZ
44	K44JV		299.5	APP	USERRECORD-01

Proposal causes no interference

#####

Analysis of Interference to Affected Station 16

Analysis of current record

Channel	Call	City/State	Application Ref. No.
44	K44IW-D	HOLLIS OK	BLDTT -20100802AZF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
43	K43KS-D	ALTUS OK	42.9	LIC	BLDTT -20100709AJX
43	K43HD-D	QUANAH TX	59.3	LIC	BLDTT -20111014ABZ
44	K44BQ	ARDMORE OK	238.6	LIC	BLTT -19900823II
44	K44AK-D	MEMPHIS TX	72.9	LIC	BLDTT -20100817ABH
44	K44GL	PLAINVIEW TX	184.0	LIC	BLTT -20050630AEW
44	K44GS	WICHITA FALLS TX	146.1	CP	BDFCDTT -20090819AFL
44	K44GS	WICHITA FALLS TX	146.1	CP	BPTT -20090527AFI
44	K44JV		351.3	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 17

Analysis of current record

Channel	Call	City/State	Application Ref. No.
44	K44CC-D	GRUVER TX	BLDTT -20100827AAN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
44	KYAM-LD	HEREFORD TX	144.1	LIC	BLDTL -20100128AAC
44	K44JV		175.8	APP	USERRECORD-01

Proposal causes no interference

#####

Analysis of Interference to Affected Station 18

Analysis of current record

Channel	Call	City/State	Application Ref. No.
44	KYAM-LD	HEREFORD TX	BLDTL -20100128AAC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
44	K44CJ	TUCUMCARI NM	148.0	CP	BDFCDTT -20120607AAK
44	K44HH	LUBBOCK TX	167.7	CP	BDFCDTL -20110919ADE
44	K44HH	LUBBOCK TX	167.7	LIC	BLTT -20050801AHG
44	K44AK-D	MEMPHIS TX	137.3	LIC	BLDTT -20100817ABH
44	K44GL	PLAINVIEW TX	100.7	LIC	BLTT -20050630AEW
44	K44JV		318.2	APP	USERRECORD-01

Proposal causes no interference

#####

Analysis of Interference to Affected Station 19

Analysis of current record

Channel	Call	City/State	Application Ref. No.
44	K44AK-D	MEMPHIS TX	BLDTT -20100817ABH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
44	K44IW-D	HOLLIS OK	72.9	LIC	BLDTT -20100802AZF
44	KYAM-LD	HEREFORD TX	137.3	LIC	BLDTL -20100128AAC
44	K44HH	LUBBOCK TX	177.7	CP	BDFCDTL -20110919ADE
44	K44HH	LUBBOCK TX	177.7	LIC	BLTT -20050801AHG
44	K44GL	PLAINVIEW TX	120.8	LIC	BLTT -20050630AEW
45	K45DM-D	CLARENDON TX	31.7	LIC	BLDTT -20110803AAQ
44	K44JV		331.5	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 20

Analysis of current record

Channel	Call	City/State	Application Ref. No.
44	K44GL	PLAINVIEW TX	BLTT -20050630AEW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
40	KLBK-TV	LUBBOCK TX	78.5	LIC	BLCDT -20080227ABM
43	KLCW-TV	WOLFFORTH TX	81.2	CP MOD	BMPCDT -20080411AAI
43	KLCW-TV	WOLFFORTH TX	81.2	LIC	BLCDT -20110404AFU
44	KYAM-LD	HEREFORD TX	100.7	LIC	BLDTL -20100128AAC
44	K44HH	LUBBOCK TX	72.2	CP	BDFCDTL -20110919ADE
44	K44HH	LUBBOCK TX	72.2	LIC	BLTT -20050801AHG
44	K44JV		402.3	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 21

Analysis of current record

Channel	Call	City/State	Application Ref. No.
45	K45BU	DEORA CO	BLTT -19880621IS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
45	KWHD-DR	CASTLE ROCK CO	250.8	APP	BPRM -20080619AEZ
45	KETD	CASTLE ROCK CO	301.9	LIC	BLCDT -20120306AAJ
45	KETD	CASTLE ROCK CO	301.9	CP	BPCDT -20120314ADO
44	K44JV		180.6	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 22

Analysis of current record

Channel	Call	City/State	Application Ref. No.
45	NEW	GOODLAND KS	BNPDTL -20100514AGB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
45	KWHD-DR	CASTLE ROCK CO	250.6	APP	BPRM -20080619AEZ
45	KETD	CASTLE ROCK CO	300.8	LIC	BLCDT -20120306AAJ
45	KETD	CASTLE ROCK CO	300.8	CP	BPCDT -20120314ADO
45	K45II	GOTHENBURG NE	223.5	LIC	BLTTL -20070620AEB
44	K44JV		185.3	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 23

Analysis of current record

Channel	Call	City/State	Application Ref. No.
45	K45AU-D	FOLLETT TX	BLDTT -20120621ACC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
45	KSNW	WICHITA KS	289.5	LIC	BLCDT -20041029AJF
45	K45EJ	ENID OK	208.4	LIC	BLTT -19970310JJ
45	K45DY-D	NEW MOBEETIE TX	88.9	LIC	BLDTT -20101022AAO
44	K44JV		165.8	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 24

Analysis of current record

Channel	Call	City/State	Application Ref. No.
44	K44JV		USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
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Total scenarios = 1

Result key: 1
 Scenario 1 Affected station 24
 Before Analysis

Results for: 44A USERRECORD01 APP

HAAT 126.0 m, ATV ERP 1.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	40993	2945.7
not affected by terrain losses	40993	2945.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	0	0.0

Potential Interfering Stations Included in above Scenario 1

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FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED