

LaGrange42_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: 01-13-2011 Time: 12:41:50

Record Selected for Analysis

W42DU USERRECORD-01 ATHENS GA US
Channel 42 ERP 7. kw HAAT 101. m RCAMSL 00323 m STRINGENT MASK
Latitude 032-50-57 Longitude 0085-13-57
Status APP Zone 3 Border Site number: 01
Dir Antenna Make usr Model USRPAT01 Beam tilt N Ref Azimuth 45.
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	1.929	96.7	32.1
45.0	7.000	124.1	41.1
90.0	1.929	118.3	34.1
135.0	0.280	127.1	24.7
180.0	0.227	90.0	20.0
225.0	0.227	84.7	19.3
270.0	0.227	71.8	17.8
315.0	0.280	91.2	21.2

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
42	W42DU	ATHENS GA	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
34	WFRZ-LD	MONTGOMERY AL	102.9	APP	BSTA	-20060905ACU
38	WBMG-LP	MOODY AL	140.3	LIC	BLTTL	-19970804JG
38	W63CK	SYLACAUGA AL	104.0	CP	BDISTTL	-20081119ANP
38	WANX-LP	COLUMBUS GA	57.9	CP	BDISTTL	-20090824AEO
39	WETU-LP	WETUMPKA AL	96.2	LIC	BLTTL	-19970206JC
41	W41BN	DOTHAN AL	180.6	LIC	BLTT	-19930122JE
41	NEW	ENTERPRISE AL	179.3	APP	BNPDTL	-20100720AJY
41	WATC-DT	ATLANTA GA	153.3	LIC	BLEDT	-20070912AAT
41	WATC-DT	ATLANTA GA	153.3	CP	BPEDT	-20080619AIR
41	W41DM	COLUMBUS GA	40.8	CP	BNPTTL	-20000802ABZ
41	NEW	CORDELE GA	169.4	APP	BNPDTL	-20100510ABA
41	WLFW-LP	LAFAYETTE GA	204.1	LIC	BLTT	-20010301ABK
41	W41DR-D	WARNER ROBINS GA	156.6	CP MOD	BMPDTL	-20100719ADU
42	WMOE-LD	MOBILE AL	334.9	CP	BDCCDTL	-20061030AOM
42	DW45BL	MONTGOMERY AL	112.0	APP	BPTTL	-20020723ABK
42	WAKA	SELMA AL	164.7	LIC	BLCDT	-20090612AGR
42	WIAT	TUSCALOOSA AL	214.0	CP	BDRTCDT	-20100323AHF
42	NEW	CHATTAHOOCHEE FL	249.2	APP	BNPDTL	-20090825ACV
42	NEW	JASPER FL	347.5	APP	BNPDTL	-20100510ACH
42	NEW	PANAMA CITY FL	277.9	APP	BNPDTL	-20090825BWZ
42	W42DV-D	PONCE DE LEON FL	234.1	CP	BNPDTL	-20090825AVC
42	W42DT-D	TALLAHASSEE FL	268.8	CP	BNPDTL	-20090825ALW
42	NEW	WEWAHITCHKA FL	305.0	APP	BNPDTL	-20090825BQY
42	NEW	ALBANY GA	168.3	APP	BNPDTL	-20090914ACL
42	WTHC-LD	ATLANTA GA	128.0	LIC	BLDTL	-20060511ABF
42	WJBF	AUGUSTA GA	322.4	LIC	BLCDT	-20060615AAV
42	NEW	DUBLIN GA	221.4	APP	BNPDTL	-20100510AHB
42	W42DU-D	LA GRANGE GA	0.0	CP	BNPDTL	-20090825ARL
42	NEW	LENEX GA	237.0	APP	BNPDTL	-20100510ABJ
42	W42DW-D	WARNER ROBINS GA	156.6	CP MOD	BMPDTL	-20100719ADT
42	W42DD	MERIDIAN MS	333.1	LIC	BLTTL	-20090311ABL
42	W42DD	MERIDIAN MS	333.1	CP	BPTTL	-20090511BAT
42	W42EA-D	MERIDIAN MS	333.1	CP	BNPDTL	-20090918ACE
42	W42DF-D	CASHIERS NC	327.6	LIC	BLDTT	-20091119ABU

42	WFLI-TV	CLEVELAND TN	262.4	LIC	BLCDT	-20050808AGH
43	NEW	AUBURN AL	36.5	APP	BNPDTL	-20100728AES
43	NEW	DOTHAN AL	178.1	APP	BNPDTL	-20100419ACM
43	NEW	MONTGOMERY AL	136.8	APP	BNPDTL	-20100607AIG
43	WBMG-LP	MOODY AL	140.3	CP	BDCCDTL	-20061030ANM
43	WUPA	ATLANTA GA	128.3	LIC	BLCDT	-20020702AAJ
43	W43CW-D	COLUMBUS GA	71.8	CP	BNPDTL	-20091230AAK
43	NEW	MACON GA	156.7	APP	BNPDTL	-20100427ABU
45	DWYGA-CA	ATLANTA GA	128.4	APP	BPTTA	-20040107AMV
45	DWYGA-CA	ATLANTA GA	128.4	APP	BSTA	-20080908AAR
49	DW49AD	CARROLLTON GA	81.9	APP	BSTA	-20090515AAQ
50	W50BO	ASHVILLE AL	139.3	LIC	BLTTL	-19980302JB

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

Page 3