

LaGrange32_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: 11:45:31

Record Selected for Analysis

W32DU USERRECORD-01 LA GRANGE GA US
Channel 32 ERP 5. kw HAAT 83. m RCAMSL 00303 m STRINGENT MASK
Latitude 033-03-00 Longitude 0085-01-50
Status APP Zone 2 Border Site number: 01
Dir Antenna Make usr Model USRPAT01 Beam tilt N Ref Azimuth 40.
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	2.238	99.6	33.1
45.0	4.901	77.2	34.2
90.0	1.250	46.4	22.0
135.0	0.005	67.8	6.6
180.0	0.000	92.5	4.4
225.0	0.000	86.0	4.3
270.0	0.000	94.1	4.4
315.0	0.014	102.3	10.5

Contour Overlap to Proposed Station

Station			
WANN-CA 32 ATLANTA	GA BPTTA20091130APP	causes	

Contour overlap to Digital LPTV station
W32DU 32 LA GRANGE GA USERRECORD01
Required D/U ratio: 2.0

Station	
WCAG-LP 33 LA GRANGE	GA BLTTL19891128JR

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Station inside contour of Digital LPTV station
W32DU 32 LA GRANGE GA USERRECORD01

Contour Overlap Evaluation to Proposed Station Complete

LANDMOBILE SPACING VIOLATIONS FOUND

NONE from Site # 01

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	Call	Proposed Station City/State	ARN
32	W32DU	LA GRANGE GA	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
18	WQMK-LP	CUSSETA AL	64.8	LIC	BLTTL	-20100527ABG
24	WJXS-CA	SYLACAUGA AL	100.8	LIC	BLTTL	-19970508JF
29	W29AO	ANNISTON AL	87.0	LIC	BLTT	-19900316JI
30	W30BD	EUFAULA AL	127.5	LIC	BLTTL	-19960628JF
31	WAXC-LP	ALEXANDER CITY AL	85.8	CP	BDISDTL	-20100422ACA
31	W46DK	BIRMINGHAM AL	172.0	CP	BDISDTT	-20060327ABW
31	NEW	MIDLAND CITY AL	196.7	APP	BNPDTL	-20100510ALJ
31	NEW	ASHBURN GA	194.1	APP	BNPDTL	-20100510ABE
31	WSB-TV	ATHENS GA	151.5	LIC	BLCDT	-20100429ADZ
31	WANN-CA	ATLANTA GA	105.8	APP	BDISTTL	-20091125AFY
31	WANN-CA	ATLANTA GA	105.8	APP	BDISDTL	-20091015ABG
31	WCGT-LP	COLUMBUS GA	59.8	CP	BDISDTL	-20090629AAC
31	WDMA-CA	MACON GA	128.8	LIC	BLTTA	-20060321ABK
32	WAAY-TV	HUNTSVILLE AL	233.2	LIC	BLCDT	-20050701ABO
32	WNCF	MONTGOMERY AL	189.6	CP MOD	BMPCDT	-20080619AHK
32	WNCF	MONTGOMERY AL	189.6	LIC	BLCDT	-20090428ABG
32	NEW	TUSCALOOSA AL	285.0	APP	BNPDTL	-20101012AAT
32	WDES-CA	DESTIN-MARIMAR BEACH FL	326.3	APP	BDFCDTA	-20100115ADO
32	NEW	MADISON FL	344.5	APP	BNPDTL	-20100513ALM
32	WDES-CA	MIRAMAR FL	326.3	CP MOD	BMPTTA	-20091110AEP

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32	WFSU-TV	TALLAHASSEE FL	301.8	LIC	BLEDT	-20030730ACW
32	NEW	ALBANY GA	207.4	APP	BNPDTL	-20100510ACN
32	WANN-CA	ATLANTA GA	100.0	LIC	BLTTL	-19991214ABG
32	WANN-CA	ATLANTA GA	105.8	CP	BPTTA	-20091130APP
32	W32DT-D	GAINESVILLE GA	220.9	CP	BNPDTL	-20090825AGS
32	WDMA-CA	MACON GA	128.8	LIC	BLTTL	-19970818JA
32	WPNG-LD	PEARSON GA	279.6	CP	BDCCDTL	-20061026ADL
32	WPGA-TV	PERRY GA	141.2	LIC	BLCDT	-20030717AAA
32	WPGA-TV	PERRY GA	141.4	CP MOD	BMPCDT	-20080619AER
32	WHDS-LP	SAVANNAH GA	384.6	LIC	BLTTL	-19991112ABU
32	W08BP	BEAVER DAM NC	360.6	APP	BDISDTT	-20090928ABZ
32	WRLK-TV	COLUMBIA SC	397.2	LIC	BLEDT	-20090622ADI
32	NEW	BYRDSTOWN TN	389.9	APP	BNPDTL	-20090826ABK
32	WEEE-LP	KNOXVILLE TN	336.6	LIC	BLTT	-19980717JA
33	NEW	PANAMA CITY FL	57.7	APP	BNPDTL	-20101026AAG
33	WNGH-TV	CHATSWORTH GA	191.4	LIC	BLEDT	-20080509AAN
33	WCAG-LP	LA GRANGE GA	0.0	LIC	BLTTL	-19891128JR
33	NEW	MACON GA	140.9	APP	BNPDTL	-20090825AWC
33	NEW	WARNER ROBINS GA	141.3	APP	BNPDTL	-20090825AET
34	WFRZ-LD	MONTGOMERY AL	130.6	APP	BSTA	-20060905ACU
36	WQMB-LD	COLUMBUS GA	69.0	CP	BDISTT	-20071011AAR
39	WETU-LP	WETUMPKA AL	122.6	LIC	BLTTL	-19970206JC

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