```
                       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: 14:32:45

 Record Selected for Analysis

 20090825 USERRECORD-01               ATHENS                GA US
 Channel 47 ERP 3.     kW   HAAT   96. m  RCAMSL 00255 m STRINGENT MASK
 Latitude 033-46-50  Longitude 0082-53-15
 Status APP       Zone 2    Border      Site number: 01
 Dir Antenna Make usr  Model USRPAT01        Beam tilt N  Ref Azimuth 90.
 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        0.000     112.6         4.2
     45.0        0.654     102.1        27.0
     90.0        3.000      89.5        33.4
    135.0        0.654     102.4        27.1
    180.0        0.000      91.0         3.8
    225.0        0.000      80.8         3.6
    270.0        0.000      95.8         3.9
    315.0        0.000      94.0         3.9



        Contour Overlap to Proposed Station


        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


               Proposed Station
Channel     Call         City/State              ARN
   47      20090825   ATHENS GA                  USERRECORD01

     Stations Potentially Affected by  Proposed Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 32   WANN-CA  ATLANTA GA                138.5  LIC    BLTTL     -19991214ABG
 32   WANN-CA  ATLANTA GA                134.1  CP     BPTTA     -20091130APP
 32   WDMA-CA  MACON GA                  127.3  LIC    BLTTL     -19970818JA
 45   DWYGA-CA ATLANTA GA                136.1  APP    BPTTA     -20040107AMV
 45   DWYGA-CA ATLANTA GA                136.1  APP    BSTA      -20080908AAR
 46   W46EM-D  ATHENS GA                   0.0  CP     BNPDTL    -20090825AJM
 46   W46EK-D  AUGUSTA GA                 82.8  CP     BNPDTL    -20090825ADI
 46   WSB-TV   GAINESVILLE GA             97.4  LIC    BLCDT     -20101213AGG
 46   WPHJ-CA  VIDALIA GA                178.5  LIC    BLTTL     -19950206IC
 46   WNNG-LD  WARNER ROBINS GA          130.5  CP     BNPDTL    -20090825ADP
 46   W46AX-D  BRYSON CITY NC            189.9  LIC    BLDTT     -20090615AAU
 46   W46EC-D  CANTON, ETC. NC           198.7  LIC    BLDTT     -20090126ABM
 47   W49AY    BIRMINGHAM AL             364.5  CP     BDISTTA   -20080804AEH
 47   W49AY    BIRMINGHAM AL             364.5  APP    BSTA      -20051101ABI
 47   DW62CK   BIRMINGHAM AL             368.6  APP    BPTTL     -20020725AAX
 47   W47DK    ENTERPRISE AL             389.2  CP     BNPTTL    -20000828ANW
 47   WOIL-LP  TALLADEGA AL              310.1  LIC    BLTTL     -19950531IR
 47   NEW      JENNINGS FL               354.7  APP    BNPDTL    -20100510ACE
 47   W47DR-D  MARIANNA FL               404.2  CP     BNPDTL    -20090825AXB
 47   DWWWF-LP TALLAHASSEE FL            388.4  LIC    BLTTL     -20010711AAK
 47   DWWWF-LP TALLAHASSEE FL            388.4  APP    BSTA      -20070718AEY
 47   DWWWF-LP TALLAHASSEE FL            388.4  APP    BSTA      -20090902ACD
 47   NEW      COLUMBUS GA               243.2  APP    BNPDTL    -20100423ACK
 47   WDGA-CA  DALTON GA                 222.5  CP     BDISDTA   -20090819AGT
 47   WWPD-LD  DOUGLAS GA                252.2  CP     BDCCDTL   -20061026ADS
 47   NEW      LENOX GA                  279.4  APP    BNPDTL    -20100510ABK
 47   W47DT-D  MILLEDGEVILLE GA           81.8  CP     BNPDTL    -20090825ACE
 47   WKTB-CA  NORCROSS GA               122.3  APP    BSTA      -20090615AFX
 47   WKTB-LD  NORCROSS GA               122.3  CP     BPDTL     -20090402AOZ
 47   WKTB-CA  NORCROSS GA               122.3  CP MOD BMPDTA    -20100917AAG
 47   WKTB-LD  NORCROSS GA               122.3  LIC    BLDTL     -20080828ABJ
 47   NEW      SOPERTON GA               156.2  APP    BNPDTL    -20100510AHI
 47   WJZY     BELMONT NC                236.7  LIC    BLCDT     -20080717AAP
 47   W57BG    CANTON/WAYNESVILLE NC     198.7  CP      BDISDTT   -20060316ACS
 47   W57BG    CANTON/WAYNESVILLE NC     198.7  APP     BDISDTT   -20090824ACK
 47   W47DM-D  CULLOWHEE NC              171.3  LIC     BLDTT     -20090615AAQ
 47   WPEM-LP  LUMBERTON NC              367.1  LIC     BLTTL     -19960530JB
 47   WGSR-LD  REIDSVILLE NC             402.2  LIC     BLDTL     -20091002ABV
 47   WCSC-TV  CHARLESTON SC             310.9  LIC     BLCDT     -20030501ABA
 47   WZRB     COLUMBIA SC               176.8  CP MOD  BMPCDT    -20080620AJF
 47   DW31BU   GREENVILLE SC             135.7  APP     BPTTL     -20011018AFO
 48   WUVG-DT  ATHENS GA                 134.1  LIC     BLCDT     -20030805AJO
 48   NEW      AUGUSTA GA                 66.6  APP     BNPDTL    -20100421ABQ
 48   NEW      BYRON GA                  151.3  APP     BNPDTL    -20100510AFQ
 48   W48DR-D  GAINESVILLE GA            143.7  CP      BNPDTL    -20090825AGJ
 48   NEW      MONTROSE GA               139.8  APP     BNPDTL    -20100510AGY
 48   W48BH    STATESBORO GA             181.7  LIC     BLTTL     -19960709JA
 48   WAEN-LD  ASHEVILLE NC              198.7  CP      BDCCDTL   -20061027AFO
 48   WACH     COLUMBIA SC               199.3  LIC     BLCDT     -20021204ABB
 50   WAGC-LP  ATHENS GA                  48.1  APP     BSTA      -20080623AAK
 50   WAGC-LP  ATHENS GA                  48.1  LIC     BLTTL     -20090921AAK
 50   WPGA-LP  MACON GA                  130.2  LIC     BLTT      -20040616AAN
 50   W50CL    ANDERSON SC                78.5  LIC     BLTT      -20010523AAC
 51   WSQY-LP  SPARTANBURG SC            136.2  LIC     BLTTL     -20051114AAE

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

   NONE.
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