

Florence44_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: 03-19-2011 Time: 15:19:16

Record Selected for Analysis

W44CU USERRECORD-01 FLORENCE SC US
Channel 44 ERP 10. kw HAAT 101. m RCAMSL 00130 m STRINGENT MASK
Latitude 034-16-18 Longitude 0079-43-33
Status APP Zone 2 Border Site number: 01
Dir Antenna Make usr Model USRPAT01 Beam tilt N Ref Azimuth 230.
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 | 1.936 | 113.1 | 33.7 |
| 45.0 | 0.462 | 112.1 | 26.2 |
| 90.0 | 1.024 | 112.1 | 30.4 |
| 135.0 | 7.832 | 103.3 | 39.8 |
| 180.0 | 9.216 | 98.8 | 40.1 |
| 225.0 | 9.900 | 96.1 | 40.2 |
| 270.0 | 8.464 | 85.1 | 38.0 |
| 315.0 | 8.930 | 84.2 | 38.1 |

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 Call | City/State | ARN |
|---------|-----------------------|-------------|--------------|
| 44 | W44CU | FLORENCE SC | USERRECORD01 |

Stations Potentially Affected by Proposed Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|-----------------|----------|--------|-------------|--------------|
| 43 | WHFL-CD | GOLDSBORO NC | 196.6 | LIC | BLDTA | -20100908ACY |
| 43 | WLXI | GREENSBORO NC | 177.6 | LIC | BLCDDT | -20090204ABD |
| 43 | W43CR-D | WILMINGTON NC | 142.2 | CP | BNPDTL | -20090825AGF |
| 43 | W43CU-D | FLORENCE SC | 5.0 | CP | BNPDTL | -20090825BKG |
| 43 | WRET-TV | SPARTANBURG SC | 203.6 | LIC | BLEDT | -20090622ADJ |
| 44 | W44DF-D | AUGUSTA GA | 250.3 | CP | BNPDTL | -20100421ABP |
| 44 | NEW | DUBLIN GA | 355.9 | APP | BNPDTL | -20100510AHC |
| 44 | W44CZ-D | HAZELHURST GA | 378.0 | CP | BNPDTL | -20090831AEC |
| 44 | WUNG-TV | CONCORD NC | 145.3 | CP | BPEDT | -20080616ACB |
| 44 | WUNG-TV | CONCORD NC | 145.3 | LIC | BLEDT | -20010814ABF |
| 44 | W44CN | GREENVILLE NC | 253.7 | LIC | BLTT | -20061031AAO |
| 44 | WYBE-CA | PINEHURST NC | 103.2 | LIC | BLTTL | -19990811JH |
| 44 | WZGS-CA | RALEIGH NC | 191.4 | STA | BSTA | -20050324AIS |
| 44 | WZGS-CA | RALEIGH NC | 191.4 | LIC | BLTTA | -20090127ACI |
| 44 | WZGS-CA | RALEIGH NC | 191.4 | CP | BDFCDTA | -20090714ABH |
| 44 | W44CX-D | SYLVA NC | 349.6 | CP | BDISDTT | -20060316ACR |
| 44 | W44CX-D | SYLVA NC | 349.6 | LIC | BLDTT | -20110225ACF |
| 44 | WECT | WILMINGTON NC | 142.2 | LIC | BLCDDT | -20081031ABJ |
| 44 | WJWJ-TV | BEAUFORT SC | 194.7 | LIC | BLEDT | -20060221AEJ |
| 44 | W44CL | ROANOKE VA | 345.2 | CP | BDFCDTL | -20091214ABG |
| 44 | W44CL | ROANOKE VA | 345.2 | LIC | BLTT | -20060130AXI |
| 45 | W16CF | CHARLOTTE NC | 139.9 | CP | BDISDTT | -20060327ACD |
| 45 | WDRN-LP | FAYETTEVILLE NC | 117.4 | LIC | BLTT | -20040908AAY |
| 45 | W63CW | GOLDSBORO NC | 196.6 | APP | BDISDTT | -20060328AKA |
| 45 | W63CW | GOLDSBORO NC | 196.6 | CP | BDISDTT | -20071128ANQ |
| 45 | WACN-LD | RALEIGH NC | 190.3 | CP | BDCCDTL | -20081215AAR |
| 45 | WWIW-LD | RALEIGH NC | 194.0 | LIC | BLDTL | -20110104AAJ |
| 45 | W45DO-D | WILMINGTON NC | 137.6 | CP | BNPDTL | -20090825ADW |
| 45 | WJPM-TV | FLORENCE SC | 1.8 | LIC | BLEDT | -20090622ADM |
| 45 | W45DE | ORANGEBURG SC | 131.2 | LIC | BLTT | -20070330BAO |
| 45 | W45DE | ORANGEBURG SC | 131.2 | APP | BDFCDTT | -20060331BJA |
| 47 | WPEM-LP | LUMBERTON NC | 77.0 | LIC | BLTTL | -19960530JB |
| 47 | W47CK | SHALLOTTE NC | 130.7 | LIC | BLTTL | -20021220AAC |

