

October 2005
WTPT Channel 227C Forest City, NC
Allocation Study

The attached spacing study shows that the proposed operation meets the co-channel and adjacent channel spacing requirements for Class C stations as prescribed in §73.207 of the Commission's Rules, with the following exceptions.

WZMJ 226A Batesburg

The proposed WTPT facility is short-spaced to the licensed operation of WZMJ Channel 226A at Batesburg. Processing pursuant to §73.215 of the Commission's Rules is requested with respect to WZMJ, and the attached allocation study map is included to demonstrate the lack of prohibited contour overlap with that facility.

WFBC-FM 229C Greenville

The proposed WTPT facility is short-spaced to the licensed operation of WFBC-FM Channel 229C at Greenville. The licensed WTPT facility is also short-spaced to WFBC-FM. This is a second-adjacent-channel grandfathered short-spacing which has existed continuously since November 16, 1964. Therefore, per §73.213(a)(4) of the Commission's Rules there is no distance separation or interference protection requirement for WTPT with respect to WFBC-FM.

SEARCH PARAMETERS

FM Database Date: 051017

Channel: 227C 93.3 MHz
 Latitude: 35 10 11
 Longitude: 82 17 28
 Safety Zone: 32 km
 Job Title: WTPT AT HOGBACK MOUNTAIN

| Call Status | City St | FCC File No. | Channel Freq. | ERP(kW) HAAT(m) | Latitude Longitude | Bearing deg-True | Dist (km) | Req (km) |
|--|----------------|-----------------|------------------|--------------------|-----------------------|---------------------|--------------|-------------|
| W224BN | HICKORY | | 224D | 0.019 | 35-43-44 | 54.9 | 109.07 | 0 |
| CP MOD | NC | BMPFT-041227AAL | 92.7 | 91.0 | 081-18-11 | | 0.00 | TRANS |
| W225AZ | HENDERSONVILLE | | 225D | 0.010 | 35-18-34 | 306.9 | 25.93 | 0 |
| CP | NC | BNPFT-030829AYN | 92.9 | 348.0 | 082-31-10 | | 0.00 | TRANS |
| WSEQ-LP | HUDSON | | 225L1 | 0.100 | 35-49-15 | 46.2 | 105.05 | 0 |
| LIC | NC | BLL-050603AAW | 92.9 | 28.9 | 081-27-02 | | 0.00 | LPFM |
| WZLA-FM | ABBEVILLE | | 225A | 6.000 | 34-11-13 | 181.6 | 109.06 | 95 |
| LIC | SC | BLH-930615KA | 92.9 | 74.0 | 082-19-28 | SS | 14.06 | CLEAR |
| WNPC-FM | NEWPORT | | 225A | 3.100 | 35-59-52 | 317.9 | 124.65 | 95 |
| LIC | TN | BLH-930218KC | 92.9 | 140.0 | 083-13-14 | | 29.65 | CLEAR |
| W226AU | ELBERTON | | 226D | 0.010 | 34-06-45 | 205.8 | 130.20 | 0 |
| CP | GA | BNPFT-030814AJD | 93.1 | 166.0 | 082-54-28 | | 0.00 | TRANS |
| WGAC-FM | WARRENTON | | 226A | 4.100 | 33-29-59 | 189.3 | 187.69 | 165 |
| LIC | GA | BLH-970811KB | 93.1 | 122.0 | 082-37-09 | | 22.69 | CLEAR |
| WMQX-FM | WINSTON-SALEM | | 226C | 100.000 | 36-16-33 | 59.2 | 245.55 | 241 |
| LIC | NC | BMLH-030303ABL | 93.1 | 335.0 | 079-56-26 | | 4.55 | CLOSE |
| WZMJ | BATESBURG | | 226A | 2.100 | 33-54-02 | 149.9 | 162.51 | 165 |
| LIC | SC | BMLH-031231AAY | 93.1 | 171.0 | 081-24-25 | | -2.49 | SHORT |
| ABSOLUTE MINIMUM 73.215 SPACING = 142 KM | | | | | | | | |
| WZMJaux | BATESBURG | | 226A | 2.100 | 33-54-02 | 149.9 | 162.51 | 0 |
| CP | SC | BXPB-031014AMF | 93.1 | 163.0 | 081-24-25 | | 0.00 | AUX |
| WRHJ-LP | ROCK HILL | | 226L1 | 0.035 | 34-54-23 | 103.4 | 123.23 | 0 |
| LIC | SC | BLL-050415AAQ | 93.1 | 50.0 | 080-58-45 | | 0.00 | LPFM |
| WMYU | KARNS | | 226A | 2.400 | 35-57-46 | 299.9 | 179.99 | 165 |
| LIC | TN | BLH-901218KA | 93.1 | 156.0 | 084-01-23 | | 14.99 | CLEAR |
| W226AW | PINEY GROVE | | 226D | 0.010 | 36-26-30 | 353.8 | 141.96 | 0 |
| CP | TN | BNPFT-030826AOM | 93.1 | 104.0 | 082-27-42 | | 0.00 | TRANS |
| VAC | WADLEY | | 227A | 0.000 | 32-52-00 | 182.4 | 255.67 | 226 |
| | GA | RM-10195 | 93.3 | 0.0 | 082-24-15 | | 29.67 | CLEAR |

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| WTPT LIC | FOREST CITY NC | BMLH-950626KB | 227C 93.3 | 93.000 619.0 | 35-16-19 082-14-00 | 24.8 | 12.50 -277.50 | 290 SHORT |
| WOCR-FM LIC | SALISBURY NC | BLED-961216KC | 227D 93.3 | 0.010 55.0 | 35-40-03 080-28-13 | 70.9 | 174.35 0.00 | 0 CLS=D |
| W227BP CP | SOUTHERN PINES NC | BNPFT-030827AMN | 227D 93.3 | 0.010 152.0 | 35-09-04 079-28-40 | 89.7 | 256.34 0.00 | 0 TRANS |
| W227BI CP | SUMTER SC | BNPFT-030828AGI | 227D 93.3 | 0.250 188.0 | 33-54-52 080-17-39 | 126.8 | 230.20 0.00 | 0 TRANS |
| W227BC CP | WYTHEVILLE VA | BNPFT-030819AAE | 227D 93.3 | 0.010 148.0 | 36-57-58 081-04-53 | 28.2 | 227.17 0.00 | 0 TRANS |
| NEW-T APP | CHARLOTTE NC | BNPFT-030317LUZ | 228D 93.5 | 0.028 66.0 | 35-14-04 080-50-04 | 86.5 | 132.85 0.00 | 0 TRANS |
| WYFQ-FM LIC | WADESBORO NC | BLED-951010KE | 228C3 93.5 | 8.700 169.0 | 35-02-57 080-18-38 | 93.7 SS | 181.06 5.06 | 176 CLOSE |
| WARQ LIC | COLUMBIA SC | BLH-930409KD | 228A 93.5 | 2.800 135.0 | 34-00-04 081-02-05 | 138.1 | 173.47 8.47 | 165 CLOSE |
| WKZX-FM LIC | LENOIR CITY TN | BLH-010314AAE | 228A 93.5 | 2.000 176.0 | 35-42-38 084-10-46 | 289.9 SS | 181.65 16.65 | 165 CLEAR |
| WAXM LIC | BIG STONE GAP VA | BLH-911016KB | 228C2 93.5 | 2.450 574.0 | 36-54-50 082-53-40 | 344.6 | 201.02 13.02 | 188 CLEAR |
| WFBC-FM LIC | GREENVILLE SC | BLH-021022AAJ | 229C 93.7 | 100.000 552.0 | 35-06-43 082-36-24 | 257.5 | 29.46 -75.54 | 105 SHORT |
| | NOTE: GRANDFATHERED "PRE 1964" SHORT-SPACING | | | | | | | |
| WYLI-LP LIC | LAKE WYLIE SC | BLL-040416ABN | 229L1 93.7 | 0.100 -2.7 | 35-06-04 081-03-26 | 93.5 | 112.71 0.00 | 0 LPFM |
| W230AJ LIC | CHARLOTTE NC | BLFT-961202TF | 230D 93.9 | 0.055 70.0 | 35-16-02 080-54-12 | 84.7 | 126.82 0.00 | 0 TRANS |
| W230BA CP | GREENEVILLE TN | BNPFT-030825AMA | 230D 93.9 | 0.013 148.0 | 36-06-20 082-52-58 | 333.0 | 116.84 0.00 | 0 TRANS |

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| WGNW-LP CP | CANDLER NC | BNPL-010614ACY | 280L1 103.9 | 0.100 -56.7 | 35-32-04 082-41-35 | 318.2 | 54.52 0.00 | 0 LPFM |
| WOLI-FM LIC | EASLEY SC | BLH-860613KC | 280A 103.9 | 6.000 100.0 | 34-50-21 082-31-37 | 210.4 | 42.52 13.52 | 29 CLEAR |
| NEW-T APP | FLAT ROCK NC | BNPFT-030317JAL | 281D 104.1 | 0.010 DA 407.0 | 35-14-34 082-26-08 | 301.8 | 15.45 0.00 | 0 TRANS |
| WHRZ-LP LIC | SPARTANBURG SC | BLL-041118ACM | 281L1 104.1 | 0.047 43.5 | 34-57-01 081-55-39 | 126.3 | 41.15 0.00 | 0 LPFM |

44444 END OF FM SPACING STUDY FOR CHANNEL 227 44444

