

# AM Daytime Study

Reference Station:

Call: WLTG Proposed

Freq: 1430 kHz

Location: FL, US

Lat: 30-10-44 N

Power: 0.125 kW

Lng: 085-46-55 W

Theo RMS: 423.49 mV/m @ 1km

| # | Field<br>Ratio | Phase<br>(deg) | Spacing<br>(deg) | Orient<br>(deg) | Height<br>(deg) | Ref<br>Swtch | TL<br>Swtch | A<br>(deg) | B<br>(deg) | C<br>(deg) | D<br>(deg) |
|---|----------------|----------------|------------------|-----------------|-----------------|--------------|-------------|------------|------------|------------|------------|
| 1 | 1.000          | 0.0            | 0.0              | 0.0             | 209.5           | 0            | 0           | 0.0        | 0.0        | 0.0        | 0.0        |

| Call | Freq | City           | ST | Dist  | Azi   | In        | Out        |
|------|------|----------------|----|-------|-------|-----------|------------|
| WLTG | 1430 | PANAMA CITY    | FL | 18.7  | 94.7  | -41516.00 | -107096.00 |
| WLTG | 1430 | PANAMA CITY    | FL | 18.8  | 94.4  | -41516.00 | -105560.00 |
| WBRD | 1420 | PALMETTO       | FL | 427.9 | 133.8 | -31872.00 | -39572.00  |
| KMRC | 1430 | MORGAN CITY    | LA | 522.5 | 263.4 | 111.65    | -2448.25   |
| WZEP | 1460 | DEFUNIAK SPRI  | FL | 69.0  | 332.0 | 61.94     | 61.94      |
| WFDM | 1400 | FORT WALTON    | FL | 84.9  | 287.4 | 75.64     | 75.64      |
| WDIG | 1450 | DOTHAN         | AL | 121.9 | 19.0  | 105.66    | 105.66     |
| WBSR | 1450 | PENSACOLA      | FL | 143.0 | 280.8 | 118.45    | 118.45     |
| WHBT | 1410 | TALLAHASSEE    | FL | 147.7 | 77.1  | 125.10    | 125.10     |
| WTAL | 1450 | TALLAHASSEE    | FL | 150.4 | 79.8  | 133.14    | 133.14     |
| WLWI | 1440 | MONTGOMERY     | AL | 240.6 | 348.6 | 132.08    | 147.10     |
| WVGG | 1440 | LUCEDALE       | MS | 283.5 | 286.4 | 195.61    | 166.22     |
| WRCG | 1420 | COLUMBUS       | GA | 263.6 | 16.1  | 171.79    | 184.71     |
| WNGL | 1410 | MOBILE         | AL | 226.7 | 284.4 | 206.72    | 206.72     |
| WTMN | 1430 | GAINESVILLE    | FL | 342.9 | 101.2 | -16952.00 | 225.22     |
| WOIR | 1430 | HOMESTEAD      | FL | 737.0 | 136.5 | 450.75    | 254.23     |
| WFHK | 1430 | PELL CITY      | AL | 381.3 | 352.1 | 186.60    | 267.67     |
| WDXQ | 1440 | COCHRAN        | GA | 338.2 | 43.6  | 272.59    | 279.22     |
| WACT | 1420 | TUSCALOOSA     | AL | 372.3 | 332.7 | 291.52    | 302.54     |
| WLKF | 1430 | LAKELAND       | FL | 443.0 | 123.3 | -8232.00  | 320.53     |
| WGFS | 1430 | COVINGTON      | GA | 421.7 | 25.7  | 256.62    | 323.26     |
| WGMI | 1440 | BREMEN         | GA | 396.5 | 8.7   | 333.95    | 339.98     |
| WGIG | 1440 | BRUNSWICK      | GA | 421.3 | 76.0  | 332.32    | 344.44     |
| WAOC | 1420 | ST. AUGUSTINE  | FL | 431.0 | 96.0  | 345.93    | 356.20     |
| WWSZ | 1420 | DECATUR        | GA | 425.5 | 20.3  | 378.71    | 380.34     |
| WPRD | 1440 | WINTER PARK    | FL | 462.1 | 113.5 | 378.17    | 386.44     |
| WPEH | 1420 | LOUISVILLE     | GA | 449.7 | 46.6  | 384.00    | 391.60     |
| WDAL | 1430 | DALTON         | GA | 517.2 | 8.9   | 364.70    | 409.39     |
| WRMG | 1430 | RED BAY        | AL | 519.3 | 334.1 | 395.39    | 422.25     |
| WNFO | 1430 | SUN CITY-HILTO | SC | 521.9 | 63.7  | 401.29    | 422.67     |
| WBLR | 1430 | BATESBURG      | SC | 572.5 | 45.4  | 414.68    | 471.03     |
| WOWW | 1430 | GERMANTOWN     | TN | 673.2 | 324.9 | 483.32    | 550.09     |
| WPLN | 1430 | MADISON        | TN | 681.3 | 352.4 | 466.60    | 555.39     |
| KHBM | 1430 | MONTICELLO     | AR | 683.2 | 302.2 | 510.41    | 566.63     |
| WDEX | 1430 | MONROE         | NC | 721.1 | 43.8  | 570.92    | 620.31     |
| WMNC | 1430 | MORGANTON      | NC | 725.2 | 32.7  | 571.27    | 623.44     |