

**SUMMARY OF RADIOFREQUENCY
RADIATION STUDY**
WMYA-DT, ANDERSON, SOUTH CAROLINA
CHANNEL 14, 1000 kW ERP, 286.6 m HAAT
JUNE, 2008

| <u>CALL</u> | <u>SERVICE</u> | <u>CHANNEL</u> | <u>FREQUENCY</u> | <u>POLARIZATION</u> | <u>ANTENNA HEIGHT ** mAGL</u> | <u>ERP (kW)</u> | <u>VERT. RELATIVE FIELD FACTOR</u> | <u>PREDICTED POWER DENSITY (mW/cm²)</u> | <u>FCC UNCONTROLLED LIMIT (mW/cm²)</u> | <u>PERCENT OF UNCONTROLLED LIMIT</u> |
|--|----------------|----------------|------------------|---------------------|---------------------------------------|---------------------|--|--|---|--|
| WMYA-DT | DT | 14 | 473 | H | 283.6 | 1000.000 | 0.300 | 0.03737 | 0.315 | 11.85% |
| WROQ(FM) | FM | 266 | 101.1 | H & V | 295 | 100.000 | 1.000 | 0.07678 | 0.200 | 38.39% |
| WJMZ-FM | FM | 297 | 107.3 | H & V | 308 | 100.000 | 1.000 | 0.07044 | 0.200 | 35.22% |
| TOTAL PERCENTAGE OF ANSI VALUE= | | | | | | | | | | 85.46% |

*** The antenna heights indicated above are 2 meters less than the actual antenna heights so that the predicted power densities consider the 2 meter human height allowance.*