

ENVIRONMENTAL COMPLIANCE
W243EE ATLANTA, GEORGIA 243D
DAVIS BROADCASTING OF ATLANTA, L.L.C.
FCC FORM 349
JANUARY 2020

The facility proposes to utilize a Scala CL-FM Log Periodic directional antenna with an Effective Radiated Power of 0.150 kW. The proposed Center of Radiation will be 291 meters Above Ground Level.

Calculations were made using FM Model for Windows, version 2.10. FM Model. The model predicts a peak exposure of $0.019 \mu\text{W}/\text{cm}^2$ at a distance of 166 meters from the bottom of the tower. This represents less than 0.01%, much less than 5%, of the allowable Maximum Permissible Exposure ("MPE") of $200 \mu\text{W}/\text{cm}^2$ for uncontrolled environments at any point on the ground. The applicant will ensure that the public access to the antenna is restricted by fencing, anti-climb devices or other appropriate measures. If climbing of the tower by authorized personnel becomes necessary, transmitter power will be reduced to safe operating levels or transmission will be terminated, if necessary, as not to exceed the RF exposure limits to tower workers. The licensee will cooperate with other users at the site with the scheduling of such tower or antenna maintenance.