

Environmental Protection

The proposed facility will utilize a two bay full waved circularly polarized antenna array mounted on the same tower as the main antenna.

The maximum theoretical RF value is $56.82\mu\text{W}/\text{cm}^2$ at a distance of 9 meters from the antenna, which is 28.41% of the $200\mu\text{W}/\text{cm}^2$ permitted for public (uncontrolled) exposure, and 5.68% of the $1000\mu\text{W}/\text{cm}^2$ permitted for worker (controlled) exposure.

Therefore, the proposed facility complies with the requirements of OET 65.

EMF will fully cooperate with other site users to temporarily reduce power or cease broadcasting, as necessary, to protect workers and others having access to the site from excessive levels of RF Radiation.