

ENVIRONMENTAL COMPLIANCE
K259DC HOUSTON, TEXAS 273D
BUSTOS MEDIA HOLDINGS, LLC
FCC FORM 349
AUGUST 2022

The facility proposes to utilize a custom directional antenna with an Effective Radiated Power of 70 Watts and horizontally polarized. The site is a building site and the Center of Radiation will be 10 meters above the floor of the top occupied floor.

Calculations were made using FM Model for Windows, version 2.10. FM Model predicts a peak exposure of $10.139 \mu\text{W}/\text{cm}^2$ at a distance of 4.6 meters from the base of the tower. This represents 5.07% 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 tower 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.