

EXHIBIT 16

RADIOFREQUENCY ELECTROMAGNETIC EXPOSURE ANALYSIS

This application proposes using a Jampro JLPC-1 antenna, with 50 watts of power at 12 meters AGL. Using the OET program FM Model for Windows, Version 2.1 for the antenna to be employed, the maximum RF exposure to a human standing on the ground would be $7.4\mu\text{w}/\text{cm}^2$, at 10 meters from the tower base. This corresponds to 3.7% of the maximum exposure level for uncontrolled environments. 47 CFR §1.1307(b)(3) excludes applications from requiring an Environmental Assessment when the predicted exposure levels would be less than 5% of the FCC limits. Thus, this proposed facility is in compliance with this section, and no further analysis is required. Public access to the site is properly restricted. Power will be reduced or operation will cease in coordination with other users at the site, as necessary, to prevent persons having access to the site from exposure in excess of FCC guidelines.

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