

Environmental Impact / Radio Frequency Radiation

None of the conditions specified in Section 1.1307 of the FCC rules that would require the preparation of an Environmental Assessment pertain with respect to the proposed facility. In particular, because it will be mounted on a tower at an existing site, per Section 1.1306, the new operation does not implicate any of the causes for further investigation and preparation of further reports other than with respect to radiofrequency radiation, as discussed in detail below.

With respect to Radio Frequency Radiation exposure, OET Bulletin No. 65 provides methods for evaluating the level of exposure for both employees (occupational/controlled situations) and non-employees (general population/uncontrolled situations). The combination of the antenna radiation pattern, as provided in the manufacturer's technical specifications, with the antenna height above ground level and the operating power level indicate that the potential exposure would be considerably less than 5 percent (in fact, less than 0.5 percent) of the Maximum Permissible Exposure (MPE) limit for general population / uncontrolled situations. Thus, the proposed operation is categorically excluded from having to submit detailed RF exposure analyses of the site.

Notwithstanding the foregoing, L4 Communications recognizes its responsibility for the safety and health of employees and contractors when exposed to RF radiation conditions. It will take the steps necessary to assure that personnel working in its facilities and on the tower and antenna are protected from exposure to RF radiation levels exceeding those specified in the Commission's rules. The steps to be taken will include measurements and monitoring, as well as power reductions or turning the transmitter off, if necessary to ensure a safe working environment. Moreover, L4 Communications will cooperate with other users of the site at which its facilities will be located to help assure that their personnel and contractors similarly are protected.