

Radiofrequency Radiation (RFR) Statement of Compliance

As shown on the vertical elevation pattern submitted elsewhere in this application, the relative field of the proposed antenna does not exceed a value of 0.131 at any downward direction greater than 23 degrees below the horizontal. Therefore, considering this worst-case downward relative field, the subject station is predicted to produce a maximum power density of only 119.4 microwatts per square centimeter toward a distance which is 230.9 meters from the tower base. This represents only 29.9% of the FCC Guideline value of 399.33 microwatts per square centimeter for uncontrolled RFR environments. However, because the proposed facility is located in close proximity to a number of other television and radio broadcast stations, the cumulative power density of all the stations operating from the shared site must be considered.

In light of the above, once the proposed facility is authorized and installed, an RFR measurement survey will be undertaken to determine the effect of the proposed facility on the RFR environment. Any changes in necessary to the existing RFR safety plan will be made accordingly. Further, the applicant is committed to reducing power or ceasing operation as necessary to protect persons having access to the site, tower or antenna from RF electromagnetic fields in excess of FCC's occupational guidelines.