

## **EXHIBIT 17 – ENVIRONMENTAL COMPLIANCE**

There will be no new construction. Applicant proposes antenna mounting on an existing, registered tower (ASR # 1206060) at an existing communications site.

### Compliance with Radiofrequency Radiation Guidelines

The potential for human exposure to non-ionizing radiofrequency radiation at the proposed transmitter site has been evaluated with regard to 1.1307(b)(3), five percent (5%) contribution rule, for multiple transmitter sites.

The applicant proposes operation on Channel 289D with a maximum ERP of 0.205 kW circular polarization using an single bay ERI model 100A-1M omni-directional antenna mounted 131 meters AGL.

Referencing the graph below (from FMModel), the predicted maximum contribution for the uncontrolled environment (0.1831 microWatts/cm<sup>2</sup>) is less than the 10 microWatts/cm<sup>2</sup> (5.0%) limit set by 1.1307(b)(3), therefore the proposed facility is in compliance with FCC guidelines.

Since the instant application meets the five percent exclusion test at all ground level areas, the impact of the proposed facility may be considered independently from other facilities operating at or nearby this site.

The applicant certifies that it, in coordination with other users of the site, will reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic exposure in excess of FCC guidelines.

