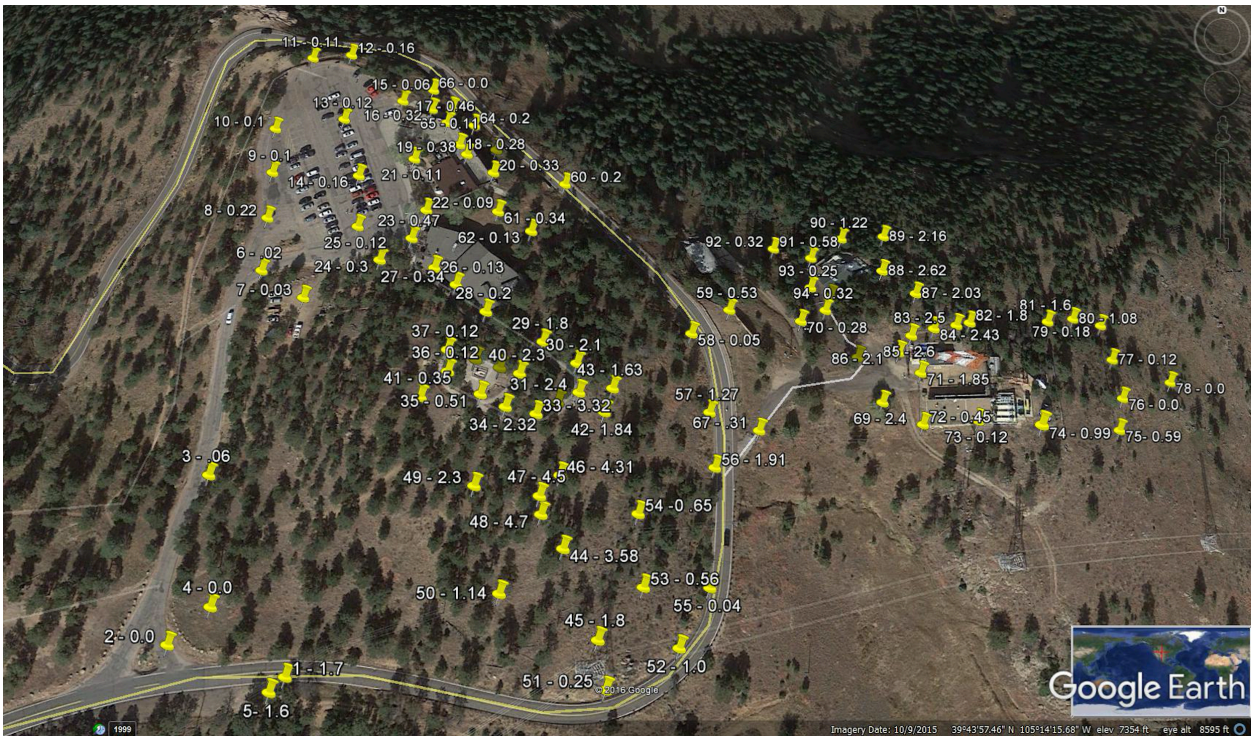

Figure 8 - Measurement Locations and Values (Percent of Occupational Exposure Limit)

6.0 Results and Conclusion

When predicted power densities from the prospective antenna are added to ambient measured levels at each measurement point, we get the results listed in Appendix A. The peak cumulative value of measurement plus predicted is 33% of the FCC public exposure limit and this value occurs at the southernmost point on the path from the museum to the overlook. (Any cumulative value less than 100% is in compliance.)

Because all locations are predicted to exhibit power densities below the public exposure limit of 200 μW/cm^2, we can conclude that the proposed antenna system will comply with FCC guidelines for human exposure to radio frequency fields.

7.0 References

[1] ANSI C95.1-2005, "Safety levels with respect to human exposure to radio frequency electromagnetic fields, 3 kHz to 300 GHz."

[2] OET Bulletin No. 65, FCC, "Evaluating compliance with FCC guidelines for human exposure to radiofrequency electromagnetic fields," Edition 97-01, August 1997.