

## **EXHIBIT #22**

### **R.F. HAZARD COMPLIANCE STATEMENT Channel 203 WPLI- Family Radio Association**

January, 2006

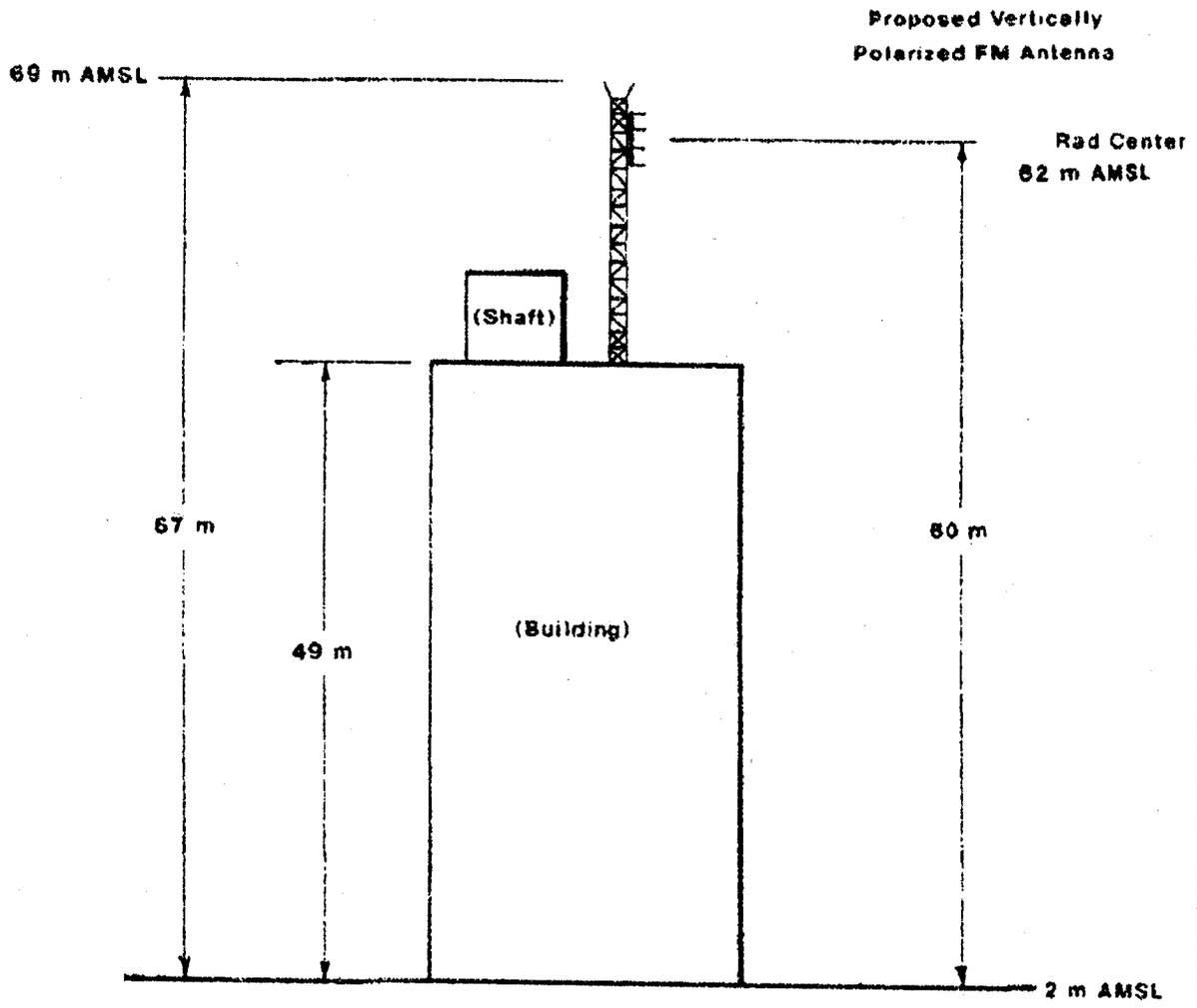
The proposed antenna will be mounted on a support structure 11 meters above the roof of a commercial building (see, Figure #1, for a vertical sketch). Based on the formulas expressed in the OET Bulletin, No. 65, August 1997, "Evaluating Compliance with F.C.C. Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields", published by the Federal Communication Commission's Office of Science and Engineering, the proposed 100 watt vertically polarized facility is predicted to produce a worst-case maximum R.F. non-ionization radiation level at a position six feet above the tower base (head level - based on the C.O.R. of 9 meters minus 2 meters) of 41.25 microwatts per square centimeter. This figure is without regard for the antenna's vertical elevation field value toward the nadir which will cause a reduction in the predicted "worst case" calculations). 41.25 microwatts per square centimeter is 4.13 percent of the maximum standard value for the frequency in use for controlled areas and 20.62 percent for uncontrolled areas.

An elevator shaft extends some 2.4 meters above the roof, making the distance between the antenna center and the roof of the shaft 8.6 meters. Assuming 2 meters as the head height of a person standing on the elevator shaft roof, the distance from the antenna center would be 6.6 meters. The R.F. emission level at this distance is 76.70 microwatts per square centimeter, which is 7.67 percent of the maximum for a controlled area and 38.35 percent for an uncontrolled area.

Since "worst case" calculations were used and since it is well known that the actual RF power density level is considerably reduced at vertical angles toward the nadir the applicant is confident that there will be no exposure at the transmitter site greater than the maximum.

The applicant will protect workers on the tower by either reducing ERP or terminating transmission. There are no other sources of R.F. at this site.

Consequently, it appears that the proposed FM station will be in full compliance with the Commission's human exposure to radiofrequency electromagnetic field rules and regulations.



PROPOSED ANTENNA AND SUPPORTING STRUCTURE