

# ENGINEERING STATEMENT

**W. RICHARD GREEN AND ASSOCIATES**

CONSULTING TV & RADIO ENGINEERS

3200 WILKINSON ROAD

CAMERON PARK, CA 95682

**ENGINEERING STATEMENT**

**IN SUPPORT OF**

**APPLICATION TO MODIFY CONSTRUCTION PERMIT**

**CHANNEL 207-C-1 at GREENVILLE, CA**

**FCC FILE No. BPED-19990107-MA**

**FCC FACILITY ID: 92527**

**IMMACULATE HEART RADIO**

**FEBRUARY 22, 2003**

### **Purpose**

This engineering statement is in support of a FCC-340, Application to Modify Construction Permit.  
REF: PBED-19990107-MA

Engineering exhibits E-1 through E-5 show the results of the proposed facility allocation study and the predicted F 50/50 6-dBu service contour map.

### **ENVIRONMENTAL**

The proposed FM antenna system is designed to utilize a Jampro model JMPC-4-RFR with 0.8 wavelength element spacing in order to reduce the RF power density at the base of the antenna supporting structure. Exhibit E-6 shows the vertical elevation pattern of the proposed antenna system.

The proposed transmitter site is a remote location which is not likely to be visited by the general population and access is only through a locked gate two miles away.

### **Conclusion**

It is the opinion of this engineer that the proposed transmitter facility satisfies the Commission's rules as well as the intent of the rules governing the requested operation.

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If anyone concerned with this engineering statement or the proposed transmitter facility or may require additional information or would like to discuss the enclosed data, please contact the following:

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Respectfully Submitted

**ORIGINAL COPY SIGNED / 02-22-03**

William Richard Green

Date