

KWRM (AM) STA Request

Corona, CA

March 2021

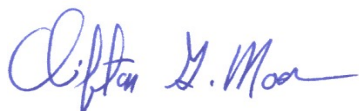
Technical Statement

The efficiency of the proposed KWRM STA antenna system is 87 mV/m/km at 1KW on 1370 kHz. This information was supplied by the antenna manufacturer.

For compliance with Radiofrequency Electromagnetic Radiation, the site will be manned by station personnel at all times the STA transmitter is on the air. For greater awareness, traffic cones will be located at a distance greater than 3 meters from the tower. Station personnel will insure that no person passes the cone barrier.

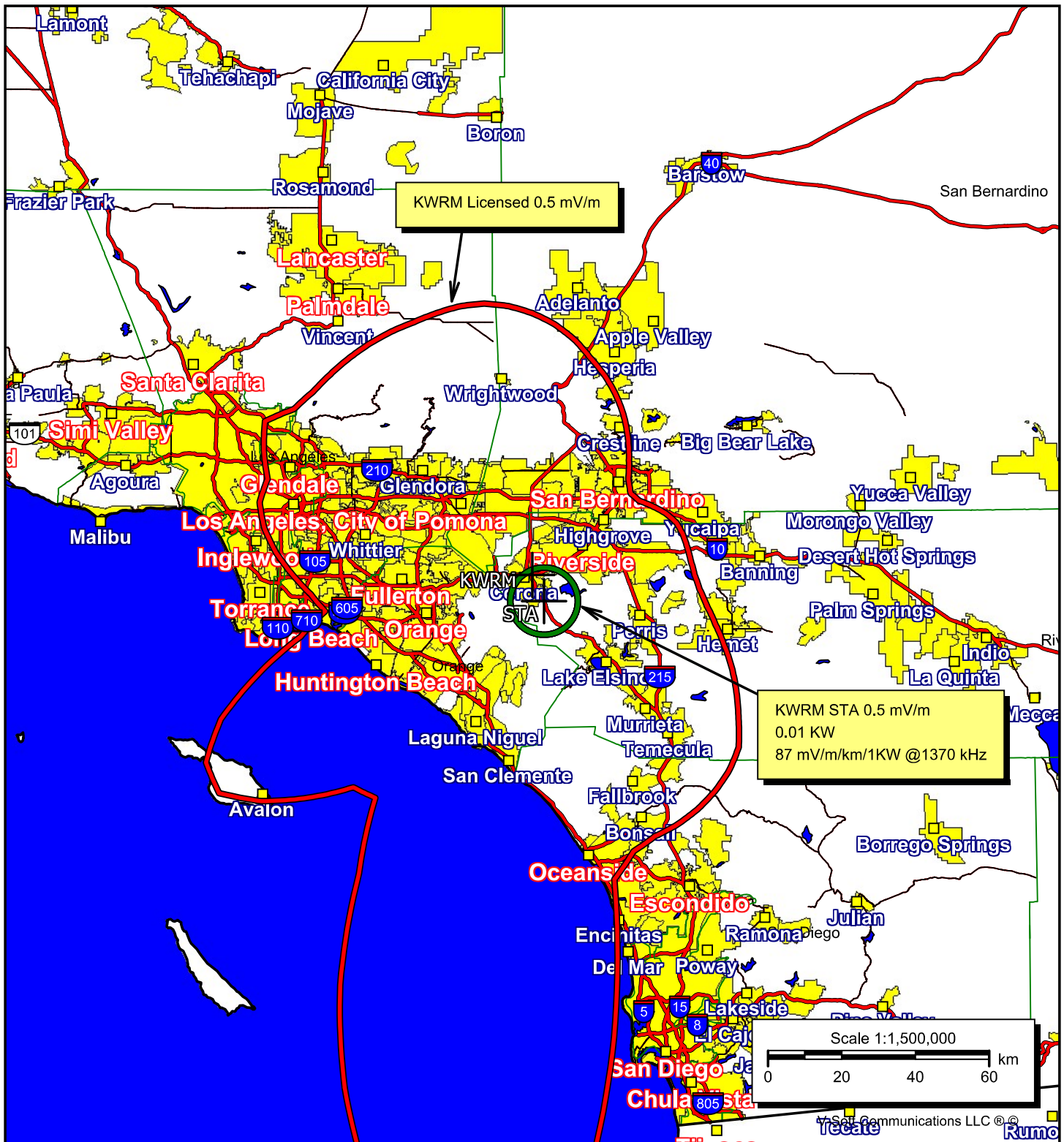
The Commission's table: "Predicted Distances for Compliance with FCC Limits: 0.1 Wavelength" is the best reference for determining radiation limits. This table requires a station on 1370 kHz with 1 KW and a 0.1 wavelength antenna to restrict the public to a distance of 3 meters from the antenna. The KWRM STA also will also limit the distance from the tower base to any human to a minimum of 3 meters (9.84 feet) as if the station were operating with 1 KW. Given that this STA will only operate with 0.01 KW, this distance gives extra protection to the public and employees.

The information and facts given in this Statement are true and correct to the knowledge and belief of the undersigned:



Clifton G. Moor
Technical Consultant
Bromo Communications, Inc.

March 17, 2021



KWRM (AM) Licensed VS Requested STA

Corona, CA

Bromo Communications, Inc.

March 2021