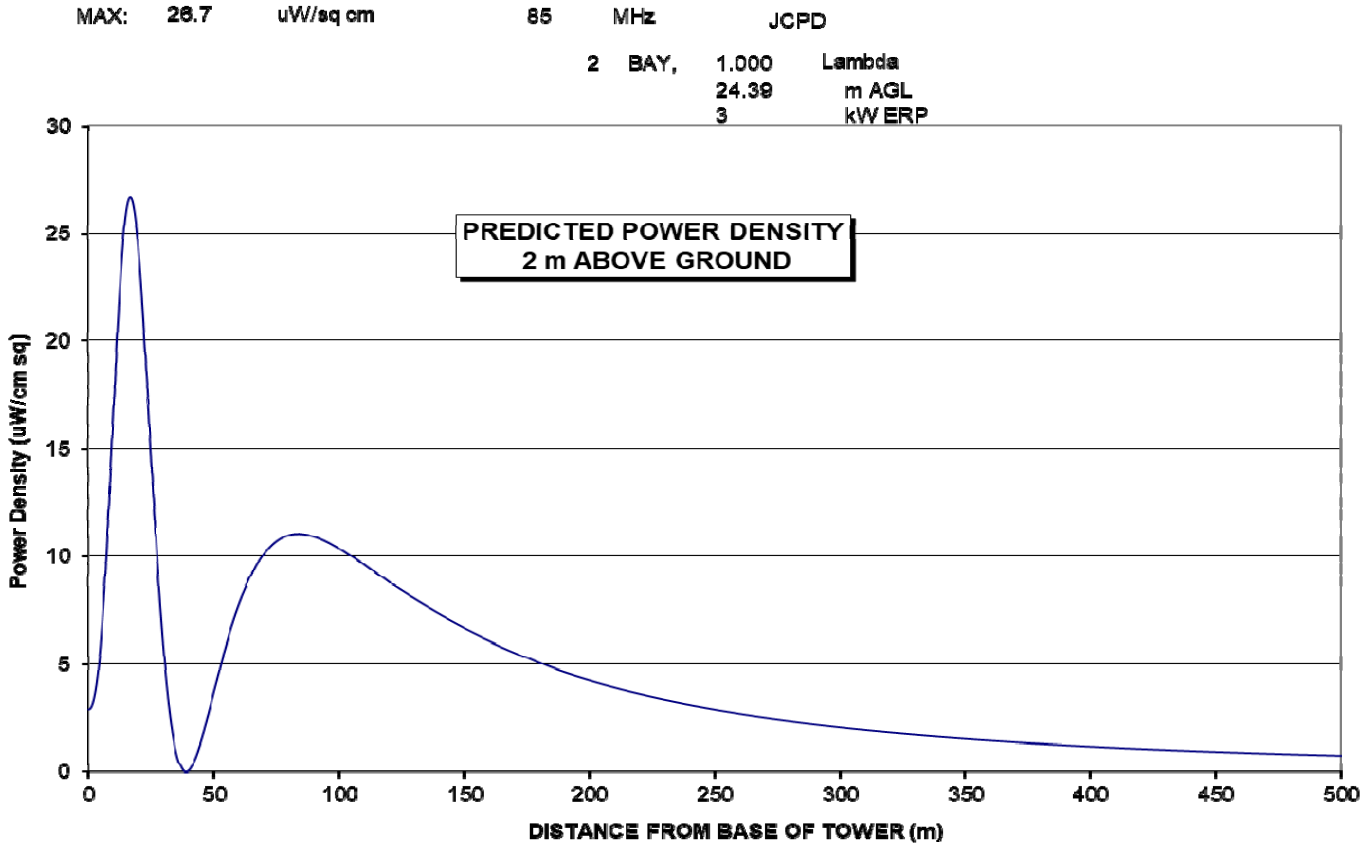
6340 Sky Creek Drive
Sacramento, California 95828 USA

Telephone (916) 383-1177
Fax (916) 383-1182

In many countries, the government may be concerned about the RF energy at the bottom of the tower and its impact on people in that general area. In the United States, this is regulated. The following chart is *an estimate* based on the USA's FCC Website RFR program (http://ftp.fcc.gov/oet/info/software/) to predict the downward radiation. According to this site, the safe limit for General Population-Uncontrolled Exposure is 200uW (0.2 mW/cm^2). For a "controlled" environment, 1,000 uW is allowed for 6 minutes averaging time.

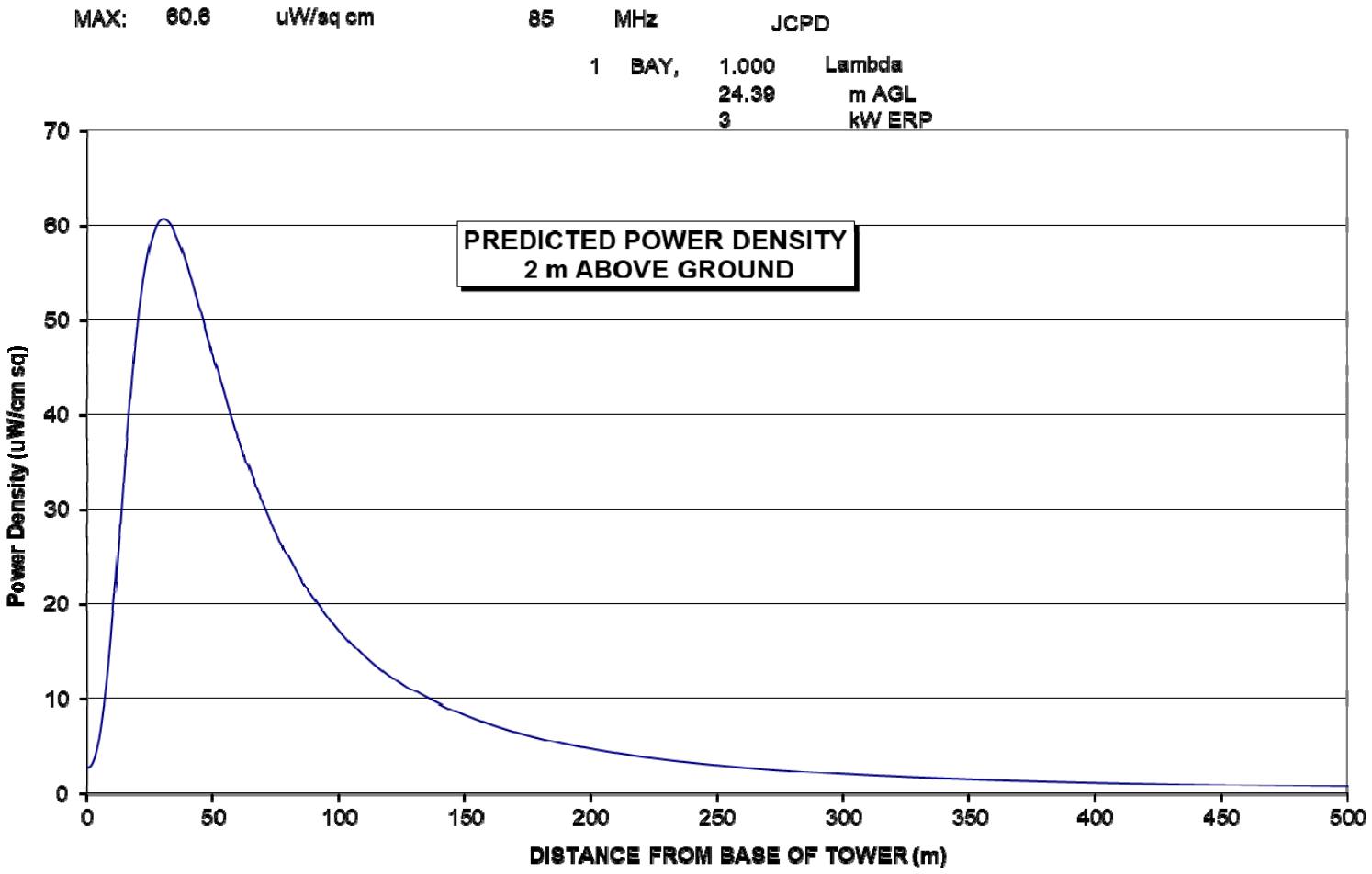
At 1.0 λ bay spacing, 26.7 uW/sq cm maximum is indicated for 3kW ERP at 24.39mAGL for a JCPD-2/1 (2)-V



6340 Sky Creek Drive
Sacramento, California 95828 USA

Telephone (916) 383-1177
Fax (916) 383-1182

At 1.0 λ bay spacing, 60.6 uW/sq cm maximum is indicated for 3 kW ERP at 24.39mAGL for a JCPD-1/1 (1)-V



The maximum allowable for Public exposure is 200 microwatts. The Jampro panel worst case is predicted to have a maximum of about 26.7 microwatts which is very minimal at 13.35% of the limit.

The maximum allowable for Controlled Environments (where tower and site workers are supposed to be trained an knowledge of RFR risks) is 1000 microwatts, 2.67% of the limit.