

Engineering Exhibit
KHWG-FM Crystal, Nv. (FID # 165946)
RF Radiation Compliance

Although KHWG-FM is not eligible to use the "RF Exposure Worksheet," the facility does comply with the FCC-established guidelines regarding exposure to RF electromagnetic fields as described in OET Bulletin 65 Edition 97-01. The alternate method for showing compliance is described below.

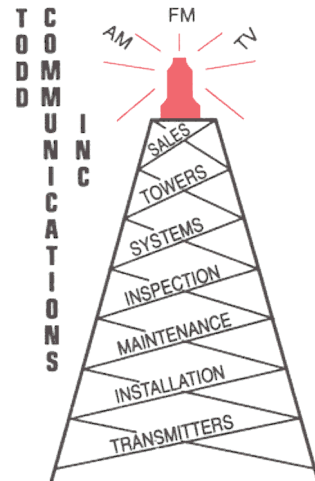
Facilities:

KHWG-FM is licensed for 1.8 KW ERP (H) and utilizes 3- 8 element Jampro Log Periodic antenna full wave spaced, mounted on a self supporting tower with the center of radiation of 10 meters from ground level. The site is located on a mountaintop with an approximate elevation of 4567 feet, called Schader Peak. The mountain has only one access road to the site with a locked gate. This gate is located on a road approximately 1 kilometer below the mountaintop to barricade any vehicle access to the site.

General Population / Uncontrolled Exposure:

To determine the level of RF exposure, measurements were made on May 6, 2013 in all areas at the transmitter site. A Narda survey meter model 8718 D, SO # 01004 with an A8722D SO # 01004 probe was utilized. The probe is calibrated in percent of limit for Occupational/ Controlled Exposure for frequencies ranging from 300 KHZ to 50 GHz.

P.O. BOX 70028 * LAS VEGAS, NEVADA 89170
PHONE 702-655-4790 * dennytodd@cox.net



The "Max Hold" setting was used to record the highest levels measured. Measurements were made at 2 meters above the ground while walking the entire area at the site and adjacent areas out to the edge of the mountain's cliffs. The maximum RF exposure level measured, at the locked gate was found to be 0.0 %. This is below the 20% limit for General Population/Uncontrolled Exposure. The locked gate barricade any vehicle access to the controlled section of the mountain. Therefore, KHWG-FM does comply with OET Bulletin 65 Edition 97-01 with regard to General Population/Uncontrolled Exposure.

Occupational/Controlled Exposure:

Using the measurement methods described above, the maximum RF exposure level measured at any location at the site was 15.0 % which was measured 16.0 meters from the tower base in front of the antenna. A steep cliff drops off as the distance from the tower increases. RF radiation warning signs are conspicuously posted on the three tower legs. Therefore KHWG-FM is in compliance with OET Bulletin 65 Edition 97-01 with regard to Occupational/Controlled Exposure.

Dennis Todd

Dennis Todd

Todd Communications Inc.

Las Vegas, Nevada

P.O. BOX 70028 * LAS VEGAS, NEVADA 89170
PHONE 702-655-4790 * dennytodd@cox.net