

Engineering Exhibit

WSSR(FM), Clearwater, FL (FID#41382)

RF Radiation Compliance

Although WSSR(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:

WSSR(FM) utilizes a 6-bay, 3-around Alan Dick Panel Antenna, mounted on a 196 meter, self-supporting tower with a Center of Radiation of 184 meters above ground level. WSSR(FM) is licensed for an ERP (H & V) of 90 kW. This is a common site with Class-A TV Stations WARP-CA and WXAX-LP. There is an additional self-supporting communications tower approximately 58 meters high (unregistered) located on the same site.

General Population/Uncontrolled Exposure:

To determine the level of RF exposure, measurements were made on September 10, 2003 in all accessible areas at the transmitter site and surrounding areas. A Narda survey meter model 8718B with an A874-2D probe was utilized. The probe is calibrated in percent of limit for Controlled Exposure for frequencies ranging from 300KHz to 3.0 GHz. 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 in the adjacent areas out to a distance of 300 meters from the tower base. The maximum RF exposure level measured was 2.65% of the Occupational/Controlled Exposure limit, which occurs at a distance of 35 meters from the tower base, and drops off as the distance from the tower is increased. This is well below the 20% limit for General Population/Uncontrolled Exposure. Therefore, WSSR(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, measurements were also taken inside the transmitter building and near the base of both towers. The maximum RF Exposure level measured inside the transmitter building was 1.52% of the Occupational/Controlled Exposure limit. The self-supporting communications tower is fitted with a detuning skirt due to several nearby AM stations. The maximum RF Exposure level at the base of this tower (adjacent to the detuning apparatus) was 22.8% of the Occupational/Controlled Exposure limit. A security fence that is securely locked surrounds both towers and RF Radiation warning signs are posted at

appropriate intervals along the fence and on the gate. Therefore, WSSR(FM) also complies with OET Bulletin 65 Edition 97-01 with regard to Occupational/Controlled Exposure.

A handwritten signature in cursive script, appearing to read "R. Mullinax".

Randall L. Mullinax
Regional Engineering Services Manager
Clear Channel Radio