Engineering Exhibit
WOLZ(FM), Fort Myers, FL (FID#13898)
RF Radiation Compliance

Measurements were conducted by Randall L. Mullinax on January 27, 2010 to demonstrate that WOLZ(FM) complies with the FCC established guidelines regarding exposure to RF electromagnetic fields as described in OET Bulletin 65 Edition 97-01.

WOLZ(FM) utilizes an 8-bay, full-wave spaced ERI "Rototiller" antenna, mounted on a 152 meter, guyed tower with a Center of Radiation of 143 meters above ground level and is licensed for 79 kW ERP (H & V). This is a common antenna also utilized by WTLT(FM) (43 kW ERP). The site is also utilized by two other FM stations and low power television stations.

To determine the level of RF exposure, measurements were made in all areas at the transmitter site and surrounding areas, whether or not they are accessible to the general public. A Narda survey meter model 8718B with an A8742D probe was utilized. The probe is calibrated in percent of limit for Occupational/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 200 meters from the tower base. The maximum RF exposure level measured was 3.86% of the Occupational/Controlled Exposure limit, which occurs at a distance of 25 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. The gate to the fence surrounding the tower is securely locked and RF radiation warning signs are conspicuously posted at several locations on the tower fence. Therefore, WOLZ(FM) does comply with OET Bulletin 65 Edition 97-01 with regard to both Occupational/Controlled and General Population/Uncontrolled Exposure.

The licensee in coordination with other users of the site will reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.

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