

Engineering Exhibit

WMGR (FM)

RF Exposure Compliance

The antenna site is located atop Tinker Mountain in Botetourt County, VA. Tinker Mountain is an established antenna farm.

To comply with special condition 2 in Construction Permit BPH-20020626AAF, RF radiation measurements were taken on July 8, 2004 using a NARDA model 8712 Survey Meter and an isotropic shaped electric field probe, model 8742N. This probe was factory calibrated in April, 2004. Readings were taken with WMGR operating as authorized in the Construction Permit.

General Population / Uncontrolled RF Exposure:

Tinker Mountain is a private estate and is closed to the public. Access to the estate is controlled by an electronically operated security gate. There is also a caretaker on site further restricting access to the site complex. The nearest public area to the antenna is about ½ mile away. At this location RF measurements were 0.02% of the limit for General Population / Uncontrolled RF Exposure in OET Bulletin 65 Edition 97-01.

Occupational / Controlled Exposure:

Using the NARDA survey meter, readings were obtained from the base of the WMGR tower and throughout the transmitter site area. In the area around the base of the tower, the maximum reading observed was 12% of the occupational limit. There is one area at the site complex near other FM broadcast antennas which exceeds the occupational limit. This area is roped off and marked with appropriate warning signs. Procedures for limiting exposure by lowering power or ceasing operation to avoid exceeding the limits in OET Bulletin 65 Edition 97-01 for occupational / controlled exposure are posted at the transmitter site.

This facility meets the standards for both the General Population/Uncontrolled Exposure and Occupational/Controlled Exposure as prescribed on OET Bulletin 65 Edition 97-01.