

1. The latest MPE estimates seemed to be based on an incorrect limit. the MPE limit is $f(\text{MHz})/1500$. At 440 MHz, it is 0.2933 mW/cm^2 and 0.59 mW/cm^2 was used. Please revise accordingly and also correct all relevant info in the manual.

The limit 0.59 mW/cm^2 was calculated based on a 50% duty cycle (440 MHz, it is 0.2933 mW/cm^2).

2. A footnote at the bottom of the MPE estimates page indicates that it is the responsibility of the licensee to demonstrate RF exposure compliance when using different antennas. This radio will be approved for use with a maximum antenna gain. When the conditions specified on the grant of equipment approval cannot be met, a new filing is necessary. RF exposure issues for mobile transmitters are not handled at the time of licensing; please clarify and inform all responsible parties about this (test lab, applicant etc.)

Test report MPE FCC RF exposure section was revised.

3. The proposed warning label on the device should also indicate that this radio must be restricted for occupational use only and users must satisfy the training requirements documented in the manual to meet FCC RF exposure requirements. Please submit a revised label, including the correct separation distance.

Label was revised.

4. The proposed RF info and training instructions are indicating different separation distances, 53 inches vs 5 ft. If the applicant chooses to use a somewhat larger distance than estimated, that same distance should appear everywhere. Please revise the distances with respect to item #1 above.

The manual is revised referencing the 5 feet (1.6 m) distance only.

5. For the manual info (Safety Training Information paragraph), it should be clearly indicated that the distance is between persons and the antenna. When a substantial separation distance is required, trunk-mount generally do not work; even for all vehicle occupants. The installation should be limited to the center of roof-top only. Please revise manual accordingly to indicated antenna installation must be limited to the center of the roof-top of a vehicle where the passengers are below the metallic ground plane (roof-top) to ensure compliance.

The manual was revised.

6. The title of this section "Safety / Warning Information" is unclear. It should indicated "FCC RF Exposure Compliance Requirements - for occupational use only" or similar headings in larger font size to ensure that this info is clear to the users. Other unrelated info - vehicle fuel safety issues and warnings should be placed into separate sections.

The manual was revised.