

Maximum permissible emissions (MPE)

As outlined in the "TMAN installation and operation manual" the user is typically located 2-3 meter in front of the TrackMan™ Radar Unit.

The TrackMan™ Radar Unit can easily be re-located, so it is classified as a mobile device.

The equivalent isotropic radiated power of the TMAN is 500 mW. This means that the maximum power density at 20 cm distance is 0.1 mW/cm².

At the normal operating distance of 2 meter, the maximum power density is 0.001 mW/cm².

The MPE of the TMAN is consequently far under the limit specified in FCC OET bulletin 65 of 5 mW/cm² and 1 mW/cm² for both controlled and uncontrolled exposure respectively.