WiBear-I MPE calculation.
Model: AN00K59744

According to FCC §15.247(b)(4) and §1.1307(b)(1), systems operation under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines.

MPE Prediction

Equation for calculation

$$S=PG/4\pi R^2$$

Where: S – Power density
P – Power input to antenna
G – Antenna gain relative to isotropic radiator
R – Distance to antenna

Maximum peak output power at antenna terminal at 2.5GHz band: +19.7dBm (93mW)
Maximum peak output power at antenna terminal at 5GHz band: +15.3dBm (34mW)
Antenna gain at 2.5GHz band: 0.0dBi (numeric 1.00)
Antenna gain at 5GHz band: 3.0dBi (numeric 2.00)
Prediction distance: 20cm
MPE limit for General Population/Uncontrolled Exposure: 1mW/cm^2

Intermediate results:
MPE safe distance (where is power density less than 1.0mW/cm^2) at 2.5GHz: *2.72cm*
MPE safe distance (where is power density less than 1.0mW/cm^2) at 5GHz: *2.33cm*
Power density at 20cm distance at 2.5GHz: *0.020mW/ cm^2*
Power density at 20cm distance at   5GHz: *0.014mW/ cm^2*

Final results:
MPE safe distance: ***2.72cm***
Power density at 20cm distance: ***0.02mW/cm^2***