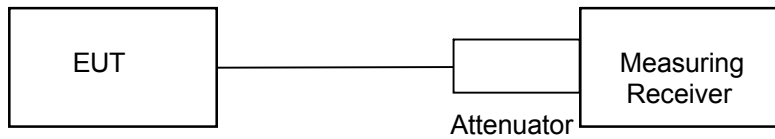


RADIO FREQUENCY RADIATION EXPOSURE

MPE calculation:

Test setup 1:



Formula:

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

S = Power Density (mW/cm²)

P = Peak Conducted Carrier power (mW)

G = Antenna Gain

R = distance for body (cm)

Calculation:

$$S = 468.81 / 4\pi 6.2 \text{ mW/cm}^2$$

$$S = 0.97 \text{ mW/cm}^2$$

Notes:

1. The unit will be mounted at least 6.2 cm away from the body.
2. EUT operation in 802.11b mode produced the highest output power.
3. EUT operation in 802.11b mode uses Chain 0 only.
4. Antenna gain for chain 0 of 4.1dB stated by manufacturer.
5. Peak conducted carrier power 174.0 mW (22.41dBm) was the worst case peak level measured.
6. Therefore EIRP = 468.81mW (26.71dBm)

Limit

The limit of Power density for the General Population/ Uncontrolled Exposure is 1 mW/cm².

Result

The EUT meet the 1 mW/cm² limit.