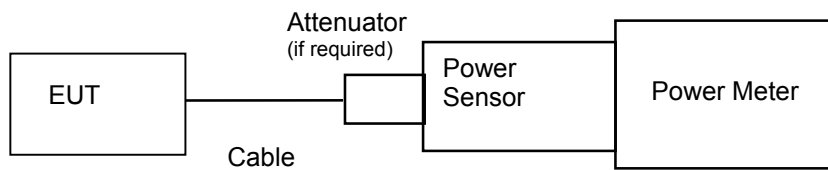


## RADIO FREQUENCY RADIATION EXPOSURE

### MPE calculation:

#### Test setup 1:



#### Formula:

$$S = \text{EIRP} / 4\pi R^2$$

S = Power Density (mW/cm<sup>2</sup>)  
EIRP = Radiated power (mW)  
R = distance for body (cm)

#### Calculation:

$$S = 1.12 / 4\pi 0.3 \text{ mW/cm}^2$$
$$S = 0.99 \text{ mW/cm}^2$$

#### Notes:

1. The unit will be mounted at least 0.3cm away from the body.
2. The carrier power EIRP of 1.12 mW was the worst case peak level measured.
3. Antenna Gain of 6dBi stated by manufacturer is taken into account in the EIRP value.

#### Limit

The limit of Power density for the General Population/ Uncontrolled Exposure is 1 mW/cm<sup>2</sup>.

#### Result

The EUT meet the 1 mW/cm<sup>2</sup> limit.