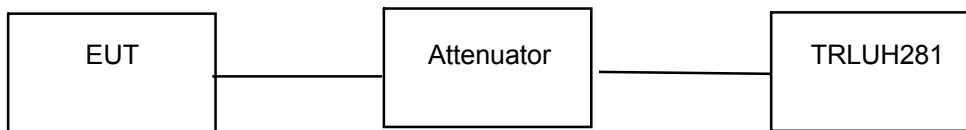


## RADIO FREQUENCY RADIATION EXPOSURE

### 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:

$$S = 1.45 / 4\pi 0.4 \text{ mW/cm}^2$$

$$S = 0.72 \text{ mW/cm}^2$$

#### Notes:

1. The unit will be mounted at least 0.4 cm away from the body.
2. The carrier power EIRP of 1.45mW was the worst case peak level measured.

#### 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.