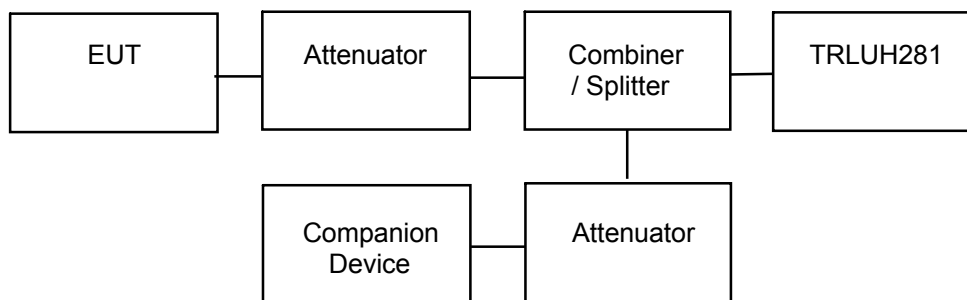


## RADIO FREQUENCY RADIATION EXPOSURE

### 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:

$$S = 1415.8 / 4\pi 20 \text{ mW/cm}^2$$

$$S = 0.28 \text{ mW/cm}^2$$

#### Notes:

1. The unit will be mounted at least 20cm away from the body.
2. The carrier power EIRP of 1415.8mW was the worst case peak level measured.
3. The carrier power EIRP includes worst case gain antenna of 3dBi
4. The units EIRP is less than 3 watts so under 2.1091 the unit does not require routine SAR evaluation

#### 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.