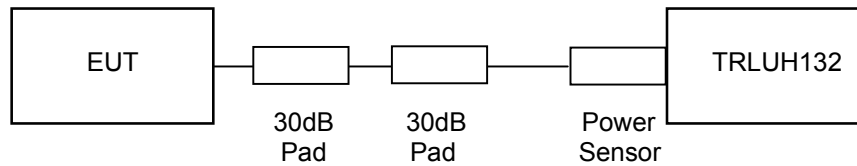


## RADIO FREQUENCY RADIATION EXPOSURE

### MPE calculation:

#### Test setup 1:



#### Formula:

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

S = Power Density (mW/cm<sup>2</sup>)

EIRP = Mean radiated power (mW)

R = distance for body (cm)

#### Calculation:

$$S = 966 / 4 \pi 0.2^2 \text{ mW/cm}^2$$

$$S = 0.19 \text{ mW/cm}^2$$

#### Notes:

1. The unit will be mounted at least 20 cm away from the body.
2. The mean carrier power EIRP of 966 mW was the worst case level measured
3. Maximum antenna Gain of 3dBi stated by manufacturer.

#### 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.