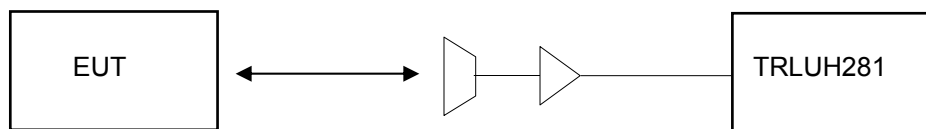**RADIO FREQUENCY RADIATION EXPOSURE**

MPE calculation:

Test setup 1:

Formula:

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

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

For EIRP see TRaC Telecoms & Radio Test report 8F2021WUS2

Calculation:

S = 0.03 / 4 π 0.05 mW/cm^2

S = 0.95 mW/cm^2

Notes:
1. The unit will be mounted at least 0.05cm away from the body.
2. The carrier power EIRP of 0.03 mW was the worst case peak level measured.

Limit

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

Result

The EUT meet the 1 mW/cm^2 limit.