

PC-88903 MPE Calculation

Maximum Conducted Peak Power output:

$P_{out}=16.83\text{mW}$ (12.26dBm)

Max Antenna gain,:

Gain=1.5dBi=1.4125

The Low power threshold (No Evaluation Required if power is below this threshold)

$60/f(\text{GHz}) \text{ mW}=60/2.462=24.37\text{mW}$

The Conducted Power of the EUT is lower than low power threshold and the antenna gain is less than 6dBi, therefore No SAR evaluation required since Transmitter Pout is below FCC threshold.