

**RF Exposure Considerations for FCC ID: OO4-IDS1009**

**The calculation of the MPE is as following:**

Prediction of MPE limit at a prediction distance:

$$S = \frac{P.G}{4.\pi.R^2} = \frac{E.I.R.P}{4.\pi.R^2}$$

S: Power density (mW/cm<sup>2</sup>)

P: Peak output power at antenna terminal (mW)

G: Numerical Antenna gain

R: Distance of radiation to antenna (cm)

MPE calculation

<i>Frequency (MHz)</i>	<i>Maximum E.I.R.P. (mW)</i>	<i>R (cm)</i>	<i>Power Density S (mW/cm<sup>2</sup>)</i>	<i>MPE limit (mW/cm<sup>2</sup>)</i>	<i>% of limit</i>	<i>Limit (%)</i>	<i>Verdict</i>
902.5 to 927.5MHz	0.741	20	0.00015	0.6	0.025	100%	<i>Below MPE limit for uncontrolled exposure</i>
<i>Simultaneous transmissions</i>				<i>SUM =</i>	<i>N/A (1)</i>	<i>100%</i>	

*(1): No simultaneous RF transmission*

**Conclusion:** Therefore, the device complies with FCC's RF radiation exposure limits for general population for a portable device.

**Certified By**

**Laurent CHAPUS (Agent for this device)**

**SMEE**

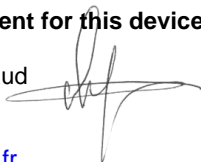
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