



**Apparatus: EMN (FCC ID: UVJ-EMN-A2-L-24)**

**RF exposure evaluation procedures and requirements**

Prediction of MPE limit at a prediction distance:

$$S = \frac{P \cdot G}{4 \cdot \pi \cdot R^2}$$

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)

P= 10 mW (Rated power, worst case)

R= 20cm

G= 1.26 (1dBi)

**S=0.0025mW/cm<sup>2</sup>**

MPE limit for uncontrolled exposure: 0.6mW/cm<sup>2</sup>

Signature:  Date: March 11<sup>th</sup>, 2009

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