

MPE Exposure Formula:

$$S = (P \times G) / (4 \times \pi \times d^2)$$

where:

S = power density

P = transmitter conducted power in (mW)

G = antenna numeric gain

d = distance to radiation center (m) or $(.02^2) = .020$ cm

903 MHz

Enter Data in Linear Units			
Gain =	4	Numeric	6 dBi
Power =	977	mW	29.9 dBm
Frequen =	903	MHz	0.602 mW/cm ²
EIRP =	3890.45	mW	3890.45 mW
S (23cm*) =			0.585

* = This is the distance were the PSD levels is meet at