

```
In[1]:= P = 1 mW ; A = 1 mm2 ;
```

```
μ = e a0 ; UnitConvert[μ, "Debyes"]
```

```
Out[2]= 2.541746473 D
```

```
In[3]:= E0 =  $\sqrt{\frac{2 P}{c \epsilon_0 A}}$  ; UnitConvert[E0, "V/m"]
```

```
Out[3]= 868.021098 V/m
```

```
In[4]:= Ω0 =  $\frac{\mu E_0}{\hbar}$  ; UnitConvert[Ω0, "MHz"]
```

```
Out[4]= 69.7855727 MHz
```