

Exhibit 4. MPE Calculation

```
STUDENT >
STUDENT > evalf( ( ( ( 1000 1.64 ) ( 1/2 ) ) , 15 )
               ( .001 4 π 851 / 1500 ) )
cm assuming a maximum 1000 Watts ERP per 90.635 479.620614869999

STUDENT > evalf( ( ( ( 1000 1.64 ) ( 1/2 ) ) )
               ( .001 4 π 851 / 1500 ) )
               2.54 , 15 )
inches assuming a maximum 1000 Watts ERP per 90.635 188.827013707022
STUDENT > 188.827013707022
               12
feet assuming a maximum 1000 Watts ERP per 90.635 15.73558447
STUDENT >
```