
Subject: Re: Conversion Factor

Posted by [Marshad2](#) on Wed, 05 Dec 2007 23:49:56 GMT

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On Dec 5, 5:01 pm, Brian Larsen <balar...@gmail.com> wrote:

>> FLAASH atmospheric correction software requires radiance to be in
>> microwatts/centimeter^2/steradian/nanometer. Whereas, I have the
>> radiance in watts/meter^2/steradian/micron. What shall I do?

>

> just do the conversion...

>

> 1e6 microwatts in a watt

> 100^2 cm^2 in a m^2

> 1e3 nm in a micron

>

> so just take your data

>

> data = data / (1e6 * 100.^2 * 1e3)

> or

> data /= (1e6 * 100.^2 * 1e3)

>

> Might have to cast things to a double to be safe... but sure I got

> this right before you go too far with it...

>

> Cheers,

>

> Brian

>

> -----

> Brian Larsen

> Boston University

> Center for Space Physics

Thank you guys. You all deserve appreciation.

Regards,

Arshad
