
Subject: Re: Conversion Factor

Posted by [Brian Larsen](#) on Wed, 05 Dec 2007 22:01:44 GMT

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> 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

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