
Subject: Re: Conversion Factor

Posted by [devin.white](#) on Thu, 06 Dec 2007 12:21:40 GMT

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When you supply your radiance file to FLAASH, it prompts you to supply scale factors as well. You can provide either a single value for all bands or text file with an array of values (one for each band). To convert from what you have to what you need, choose single value and type "10". You don't need to mess with the scale factors stored in the HDF--those are automatically applied by ENVI when you initially open your file (they convert the stored integer data to radiance).

On Dec 5, 4:36 pm, Marsh...@gmu.edu wrote:

> Hi Guys:

>

> I have the following scale factors for 50 bands.

>

> "scale_factor"

> 0.10000000, 0.10000000, 0.10000000, 0.10000000, 0.10000000,

> 0.10000000,

> 0.10000000, 0.10000000, 0.10000000, 0.10000000, 0.01000000,

> 0.01000000,

> 0.01000000, 0.01000000, 0.01000000, 0.10000000, 0.01000000,

> 0.01000000,

> 0.01000000, 0.01000000, 0.01000000, 0.01000000, 0.01000000,

> 0.01000000,

> 0.01000000, 1.00000000, 0.00500000, 0.00600000, 0.00600000,

> 0.00600000,

> 0.00600000, 0.00600000, 0.00500000, 0.00100000, 0.00300000,

> 0.00600000,

> 0.00500000, 0.00500000, 0.00200000, 0.00100000, 0.00100000,

> 0.01000000,

> 0.01000000, 0.01000000, 0.01000000, 0.01000000, 0.01000000,

> 0.01000000,

> 0.01000000, 0.01000000

>

> 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?

>

> Best Regards,
