Subject: Re: Radar dB values
Posted by Vincent Schut on Thu, 14 Feb 2002 08:58:10 GMT
View Forum Message <> Reply to Message

Ronald Greeley wrote:
> I have been trying to synthesize AIRSAR images in the form where I can
> get the dB value for individual pixels off of the image.
>
>
> When I generate a dB image, it gives me values between 0 and 1.
>
> Can anyone provide advice on how to generate an AIRSAR image off of
> which I can get the dB values ??
>
> Thanks!
>
> Kevin Williams
> kkw@asu.edu
>

Usually when you get an output of only 0's and 1's, there is a integer
somewhere in your calculation where it should have been floating point.
Check your formulas and variables; if any of them in your calculation is
integer, the result will be integer too...
I assume you use something like db=10*alog10(rawvalue)? Try putting a
point zero behind the '10', which makes it a floating point constant
instead of a integer: db=10.0 * alog10(rawvalue)

Cheers,
Vincent.