
Subject: Re: Radar dB values

Posted by [Pavel A. Romashkin](#) on Thu, 14 Feb 2002 16:40:04 GMT

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Pretty close, but for the result to be integer, all components of an expression need to be integer. If any one is "higher", the entire result is promoted.

So that

help, 10*log10(45)

<Expression> Float = 16.5321

because ALOG returns floating point value no matter what you pass in.

Cheers,

Pavel

Vincent Schut wrote:

>

> 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*log10(rawvalue)? Try putting a
> point zero behind the '10', which makes it a floating point constant
> instead of a integer: db=10.0 * log10(rawvalue)

>

> Cheers,
> Vincent.
