
Subject: Re: Visualize a Radar image with ENVI
Posted by [PMan](#) on Tue, 03 May 2016 13:31:53 GMT
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On Tuesday, May 3, 2016 at 7:01:07 AM UTC-4, dave poreh wrote:

- > Folks,
- > Hi,
- > I have a radar image with complex numbers for each pixel. I want to visualize this image as amplitude like $A = \sqrt{\text{im}^2 + \text{re}^2}$ in envi (or with other possible ways).
- > Can someone please help?
- > Thanks for any kind of help in advance:)
- > Cheers,
- > Dave

Helder's approach will work if your data type is complex. You implement this in band math 'abs(b1)'. Also, I think you can set how complex data is presented in ENVI (amplitude, intensity, real, or imaginary) or at least there was a way in old 'Classic' viewer.

But in my experience, the real and imag parts split into two image bands. Then, in band math ' $\sqrt{b1^2 + b2^2}$ ' will work
