




Re: RSA Deembed 
Mathieu Caillet to: Mike Leffel
Cc: Nick Lalic

02/11/2014 02:54 PM

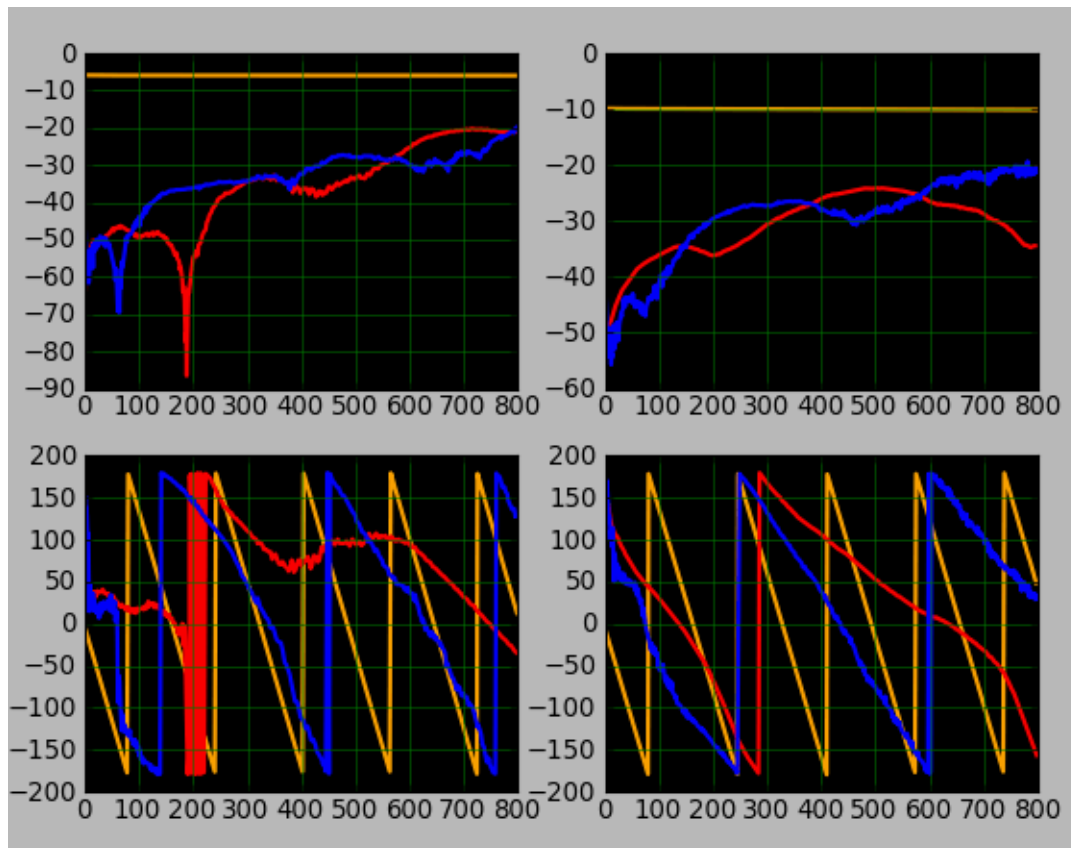
Hi Mike,

I found out that there is a mistake in the equation of S22, it should be $ESF_{fix} - \dots$ instead of $ESF_{fix} + \dots$. Also, I'm not sure if I do the correct "phase correction" for S21 (see section 9.3.1.1 of J. Dunsmore's book). Did you get to that point yet?

I have included a screen shoot (see below) of the results in amplitude and phase for the 6-dB (left) and 10-dB (right) attenuators that I used as 2-port components. My frequency range is 50 MHz to 20 GHz in this case, with a step of 25 MHz.

Regards,

Mathieu



Mike Leffel

From: Mike Leffel/RSA@RSA To: Nick Lalic/...

02/11/2014 02:40:27 PM

From: Mike Leffel/RSA@RSA
To: Nick Lalic/RSA@RSA
Cc: Mathieu Caillet/RSC@RSC
Date: 02/11/2014 02:40 PM
Subject: Re: RSA Deembed

Hi Nick,

I like this.