

## Correct data sets

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To: Tim Drysdale <Timothy.Drysdale@ed.ac.uk>

2 attachments (410 KB)

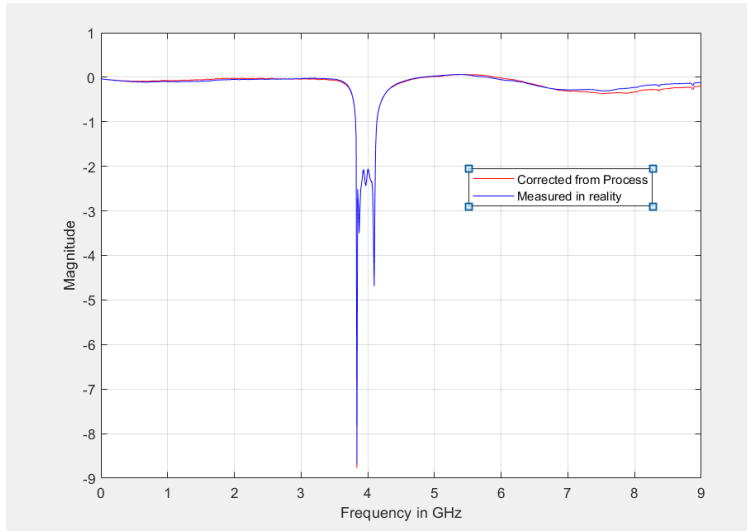
Filter number 2.rar; S11 filter.rar;

Hi Tim

As discussed attached couple of data sets for our confirmation using good commercial VNA.

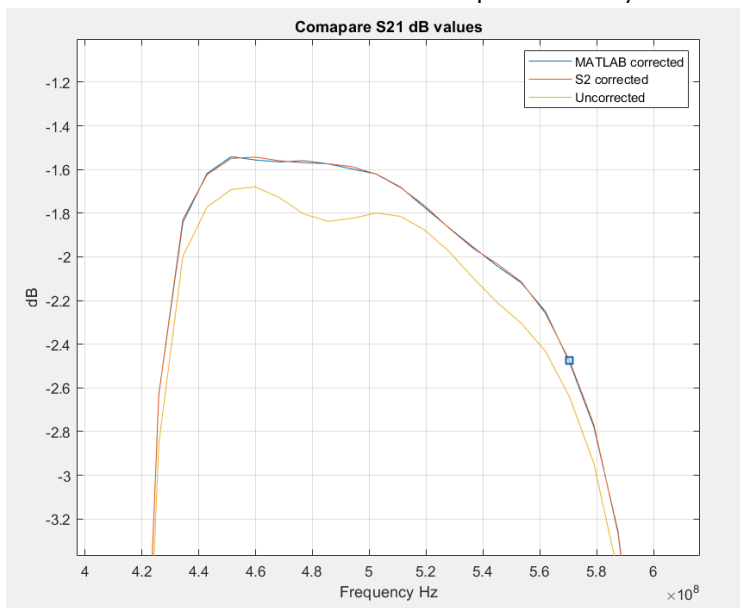
1. S11 filter - short,open,load, uncalibrated device and file named Filter\_cor is the correct response of the s11 filter

This is what you should get.

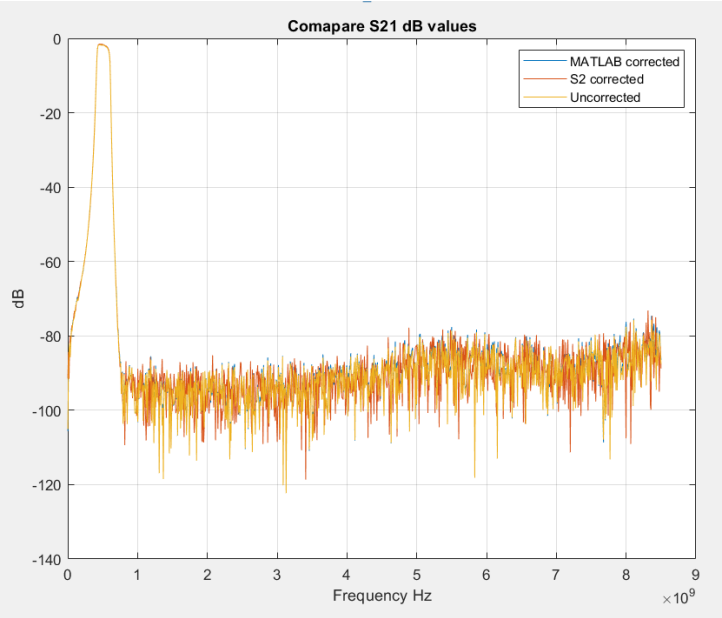


2. Filter number 2 - is EXTREMELY rejective band-pass filter. This data set:  
Load 1, short 1, open 1 - port 1 responses  
Load 2, short 2, open 2 - port 2 responses  
Thru - is thru, dut - not calibrated DUT  
and dut\_cor is the correct after internal Cal response

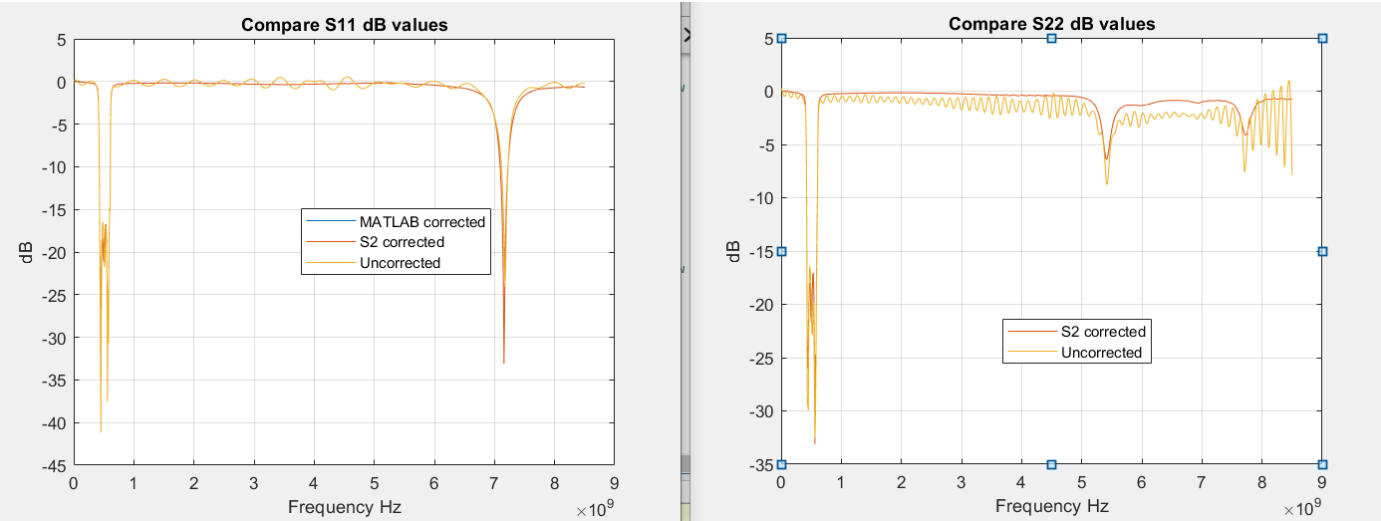
Particular source of interest for number 2 is response and very close correction between 0 and 1 GHz



Overall response looks like this



S11 and S22 for Sanity check



Let me know if there are any questions.

Kind regards  
Max