

Dear Editor,

We would like to thank you for your for the invitation to submit our extended version of our scientific paper "Uncertainty in uncalibrated microwave resonant measurements" to Acta IMEKO.

We chose the following title for the full paper: "Estimation of microwave resonant measurements uncertainty from uncalibrated data".

We improved and extended our manuscript presented at the IMEKO TC-4 Symposium in Xi'an as following:

- We performed additional measurements with different VNA (Rohde & Schwarz ZVA-40) to compare with the data in the original article, thus almost doubling the quantity of experimental data.
- Fitting algorithms were improved, optimized and extended to fit also the complex transmission s-parameters data; the results obtained with different fitting approaches were thus compared.
- An extensive statistical analysis was performed to compare quality factor and resonant frequency obtained by the fit of data obtained by different measurement instruments and using different fit procedures.

We think that we have sufficiently improved and extended our article to be accepted for the publication in Acta IMEKO.

With kind regards,  
on behalf of all the authors  
Kostiantyn Torokhtii