

Supplementary Material

In Table 1 of the article, the calculation of the dielectric properties of the test liquids at 25 ° C and $f = 4.8$ GHz was presented.

Figure S1A–D are showing the dependences of S_{21} on different parameters, as (A) $\tan \delta \times S_{21}$ (dB), (B) $|\epsilon^*| \times S_{21}$ (dB); (C) $\epsilon' \times S_{21}$ (dB) and (D) $\epsilon'' \times S_{21}$ (dB).

In Figure 7 of the paper the selected parameter is presented, which was considered the most suitable for this type of measurements.

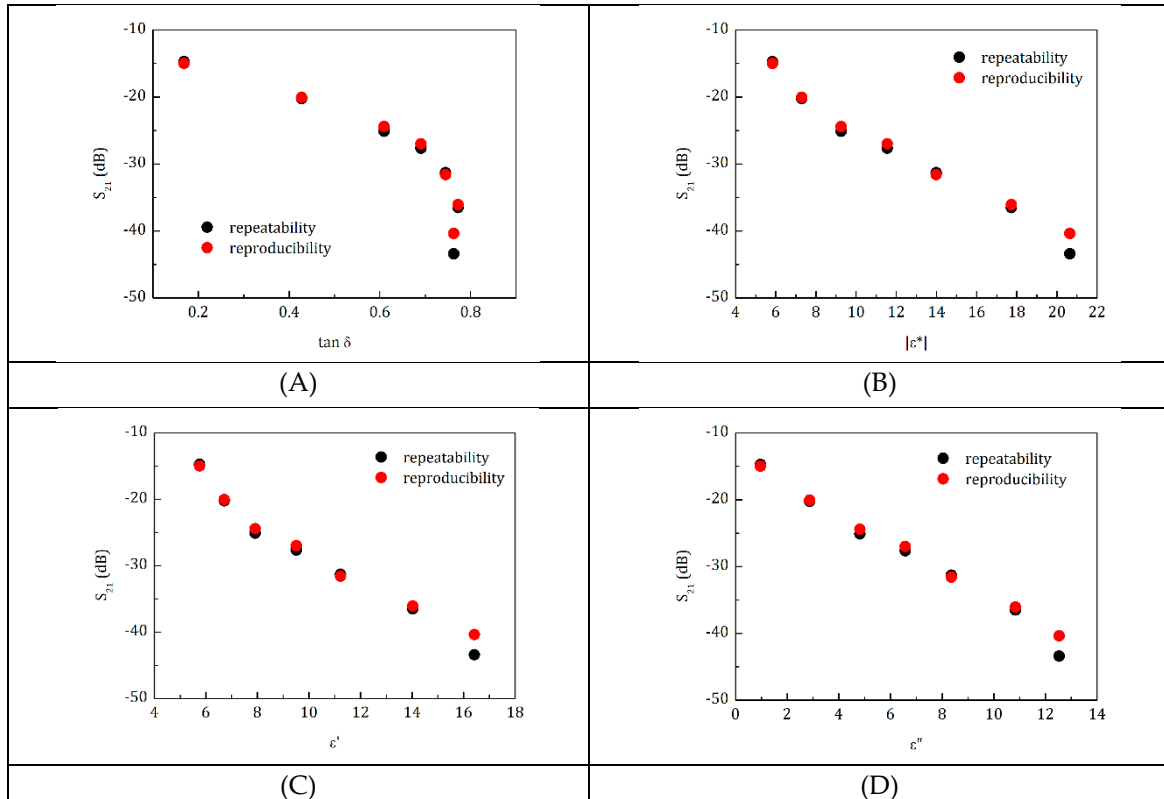


Figure S1. The graphic that showing the dependences of S_{21} on different parameters, as A) $\tan \delta \times S_{21}$ (dB), (B) $|\epsilon^*| \times S_{21}$ (dB); (C) $\epsilon' \times S_{21}$ (dB) and (D) $\epsilon'' \times S_{21}$ (dB).