Comments to Reviewer A

Thank Reviewer A for his fruitful comments.

In our previous paper [17] we presented results which showed that the polarimetric optical tomography (POT) has allowed to recognize different kind of tissues. In current paper we have showed that even relatively small differences in tissue simulator may be recognized.

Due to application of X-ray tomography we had to change a basic material of phantom because INTRALIPID is for X-ray like pure water independently on density. Paraffin as a material for breast phantom seems to be a good solution (see R. Srinivasan, D. Kumar and M. Singh, "Optical Tissue-equivalent phantoms for medical imaging"). Paraffin has almost the same absorption and scattering coefficient for light as breast tissue and absorption parameters for X-ray have differ than for water and INTRALIPID. We add a few words in this matter to the manuscript.

We apply on plot a polar scale In order to easier compare our results for both kind of tomography i.e. POT and X-ray.

We will present results of our research regarding resolution and reliability of the POT method in our next regular (not letter) paper.