Figure 1. Difference between the reflectance by Monte Carlo simulation and reflectance obtained from the proposed reflectance model for the single layer.
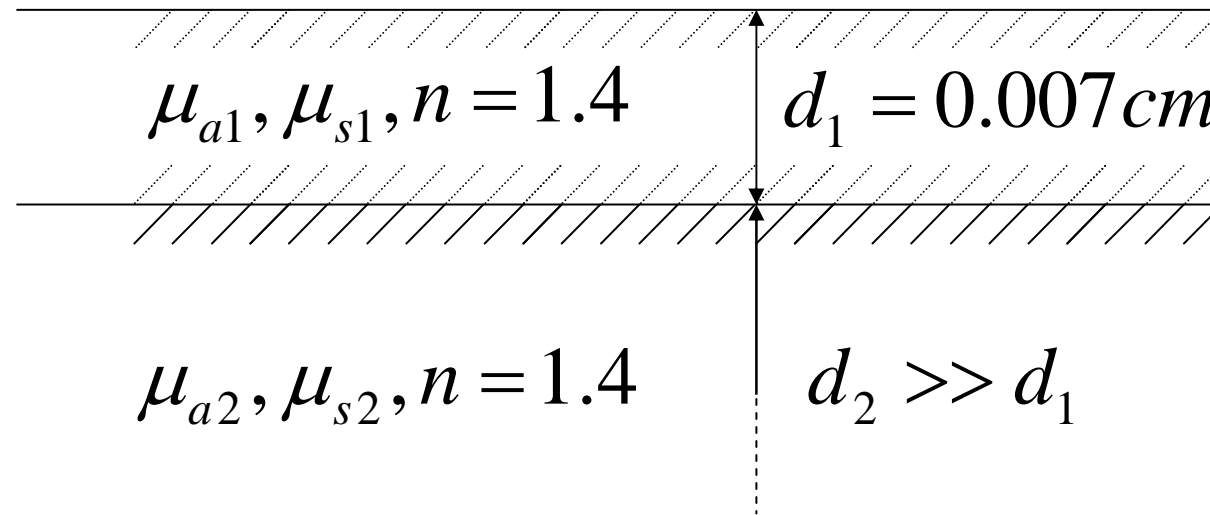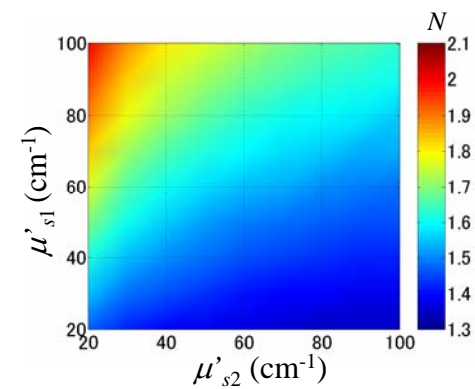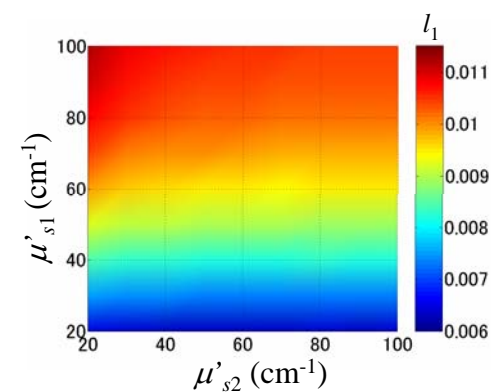
Figure 1. Two layered model of skin which is used to simulated the samples for regression analysis
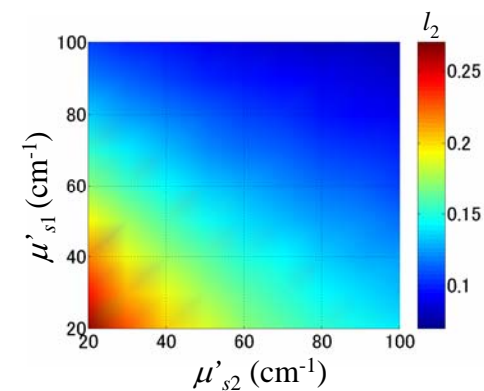
(a) values of model parameter N

(b) values of model parameter l_1

(c) values of model parameter l_2

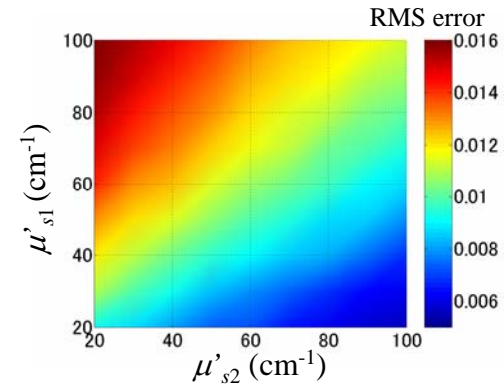Figure 3. Values of model parameters (a), (b) and (c) as a function of the reduced scattering coefficients .
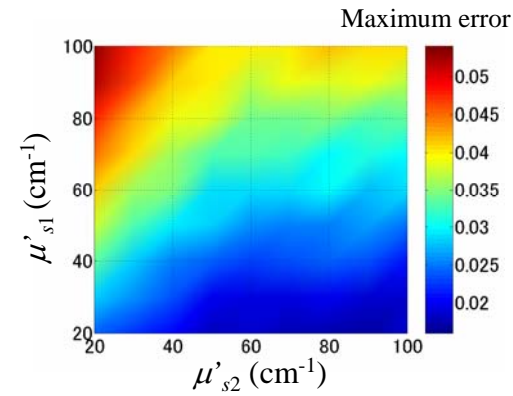
Figure 4. Accuracy of the proposed reflectance model: (a) root mean square error (RMSE), (b) maximum error of the proposed model for each scattering coefficient