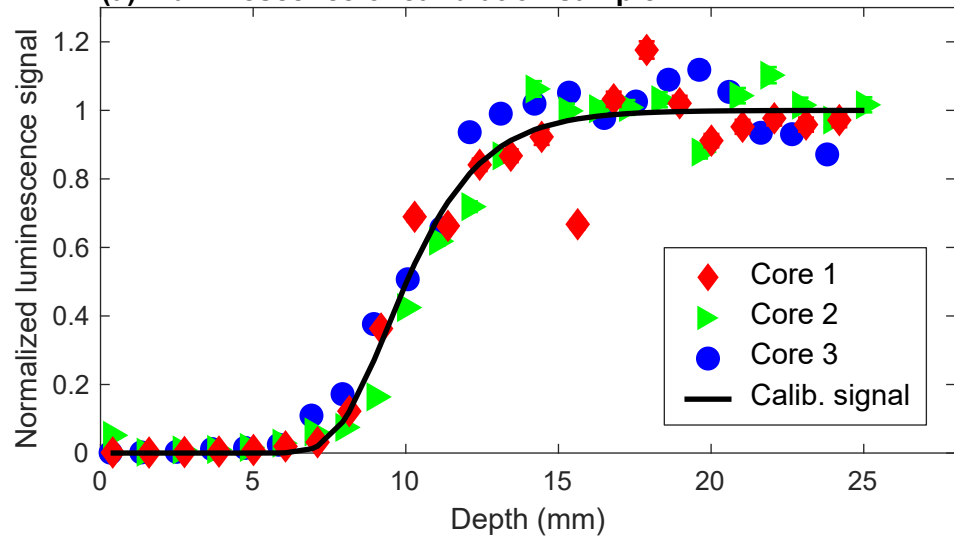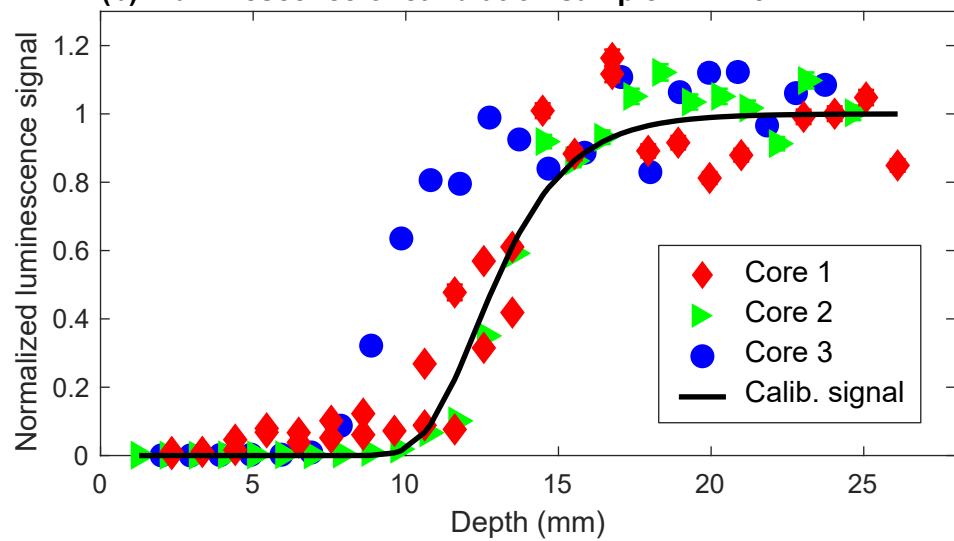**(a) Luminescence of calibration sample MBTP7**

(b) Luminescence of calibration sample MBTP8

(c) Covariance of μ and $\overline{\sigma\phi_0}$