S1. Deposition rates of the CoSb$_3$ doped Te thin films (T1, T2, T3, and T4)
S2. Atomic ratio measurements by SEM-EDS of the CoSb$_3$ doped Te thin films (T1, T2, T3, and T4)
S3. Thermoreflectance measurements in front detection and resulting signal fitting of the CoSb₃ doped Te thin films (T1, T2, T3, and T4)