

TABLE I. Comparison of lattice thermal conductivities ($\text{W K}^{-1} \text{ m}^{-1}$) at 300 K calculated by the direct solution of LBTE and by the single-mode RTA solution. The calculations did not consider the isotropic scattering effect.

Phase	Direct solution		Single-mode RTA	
	xx	zz	xx	zz
α	69	102	70	102
β	76	238	76	210
γ	??	–	82	–