Acoustic Attenuation in Silica in the 100-250 GHz Range







• We measured a LA attenuation for v-SiO₂ two times lower than that found in the pioneering work of H.J.Maris [Zhu et al PRB 44 4281 (1991)].

• Our results seems to be in line with a quadratic frequency dependence of attenuation up to 250 GHz.