

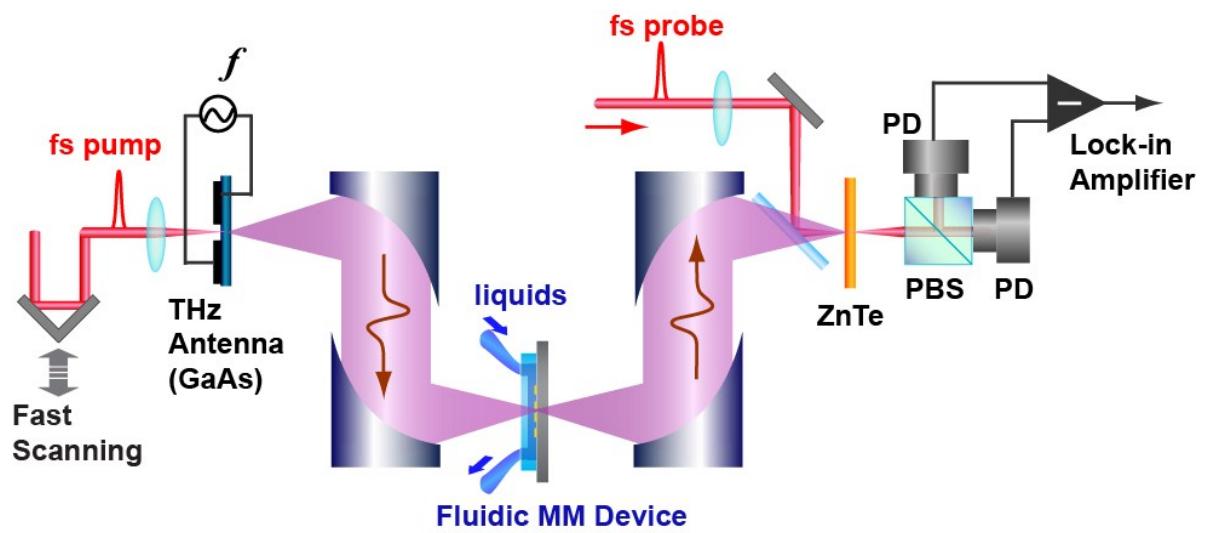
Supplementary Information for

Dielectric constant measurements of thin films and liquids using terahertz metamaterials

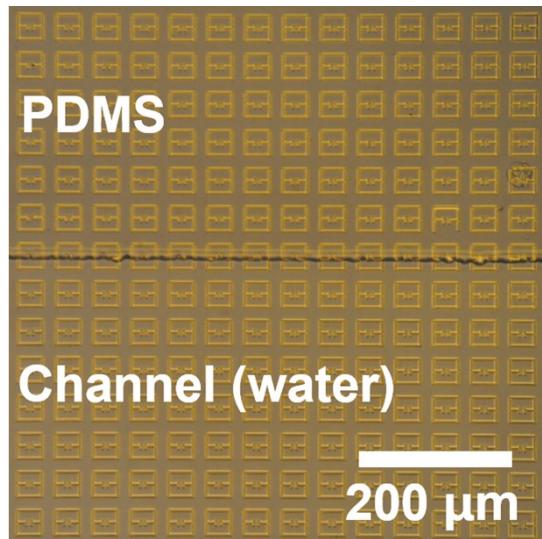
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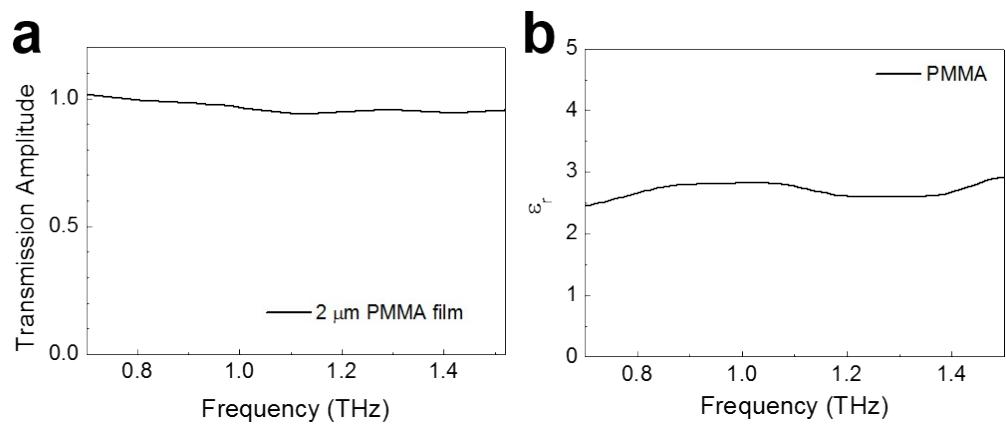
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Supplementary information S1. Schematic illustration of THz-TDS system. (PD: photodiode, PBS: polarized beam splitter, MM: metamaterials)



Supplementary information S2. Microscopic image of a fluidic metamaterial device with the injection of water



Supplementary information S3. (a) THz transmission amplitude of 2-μm-thick PMMA film as a function of frequency (b) Dielectric constant of PMMA film extracted from (a).