

The new objective of the CCPR-WG-SP Task Group 8 is:
to carry out a pilot comparison of **reflection** measurements
by means of **THz time-domain spectroscopy** (THz TDS).

currently supported by:

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- Round, flat samples with a diameter of 50 mm (2"), i.e. large enough to reflect the entire THz-TDS beam
- High reflectivity: metal mirrors: Ag, Au, or Cu
- Medium reflectivity: z-cut quartz, HRFZ-Si or ND1,
- Low reflectivity: HDPE, or PVDF

- 2024: to send an invitation to the CCPR members to ask them to take part in the pilot comparison.
 - **Email addresses** of possible participants?
- 2025: to agree on the type and number of artifacts for which reflectance will be measured using THz TDS.
- 2025: to draft the working document for the pilot comparison.

Following CCPR-WG-SP meeting:
approval of working document

- 2026: to conduct pilot comparison