

# Overview of impulse voltage calibration techniques for voltages above 500 kV

- direct comparison is the most precise measuring of high impulse voltages
- comparison always in Y-positioning
- System A is a well known reference
- System B can be a divider or an entire measuring chain
- direct measurement only up to 300 kV – 500 kV possible
- above 300 kV – 500 kV linearity tests prove the capability of the device under test

