

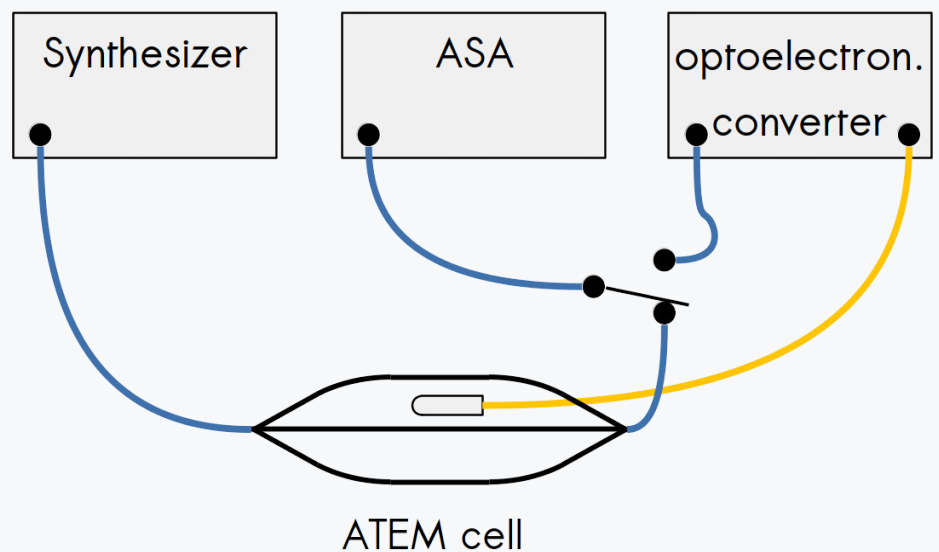
Kapteos

Use of adiabatic TEM cell for electric field probe calibration!

Electric field probes need to be calibrated in order to get absolute E-field strength values. In the framework of the experimental setup depicted here with the use of the adiabatic TEM cell eoCal™ HF6, the calibration of electric field probes in air becomes straightforward for frequencies up to 6 GHz.

Like classical TEM cells, the adiabatic TEM cell presents the key advantage of being a two-port device that allows an accurate assessment of the scattering parameters of the cell and consequently a precise knowledge of the actual E-field strength in the center of the cell where is located the electric field probe.

SETUP FOR ACCURATE E-FIELD PROBE CAL.



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Kapteos high-tech company is the key partner for electromagnetism in harsh environment, providing solutions and manufacturing comprehensive E-field measurement systems for research and industry.

Sie sind interessiert?

Gerne beantworten wir Ihre Fragen in einem persönlichen Gespräch. Rufen Sie uns an!

Ihr Partner für EMV und HF:

EMCO Elektronik GmbH

Tel.: 089 89 55 65-0

Fax: 089 89 59 65-10

Email: info@emco-elektronik.de

Web: www.emco-elektronik.de

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