

# REVERBERATION CHAMBER

millimeterwave measurement equipment

The ideal tool to accurately measure antenna efficiency. With two Z-fold paddles installed good field uniformity and accurate measurements are ensured. The reverberation chamber is available for purchase or as a measurement service including all required facilities.



## SPECIFICATION

- Frequency range 20-140 GHz
- Size (l x w x h) 79 x 59 x 50 cm
- Inner volume 0.21 m<sup>3</sup>
- Working volume of at least 0.13 m<sup>3</sup>
- Power Transfer Uniformity  $\sigma$  <0.15 dB

## EFFICIENCY MEASUREMENT METHODS

- Antenna-replacement method - IEC standard
- NIST-two-antenna method - does not require a reference antenna with a known efficiency

## INCLUDED TOOLS

- Computer with software to control motors and to control a VNA
- Software for antenna efficiency

## OPTIONAL

- Custom-made feedthrough panels
- VNA
- Cabling
- Calibration kits
- Frequency extenders
- Custom solutions

