Karlsruhe Institute of Technology

Antennenmesstechnik

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INSTITUT FÜR HOCHFREQUENZTECHNIK UND ELEKTRONIK

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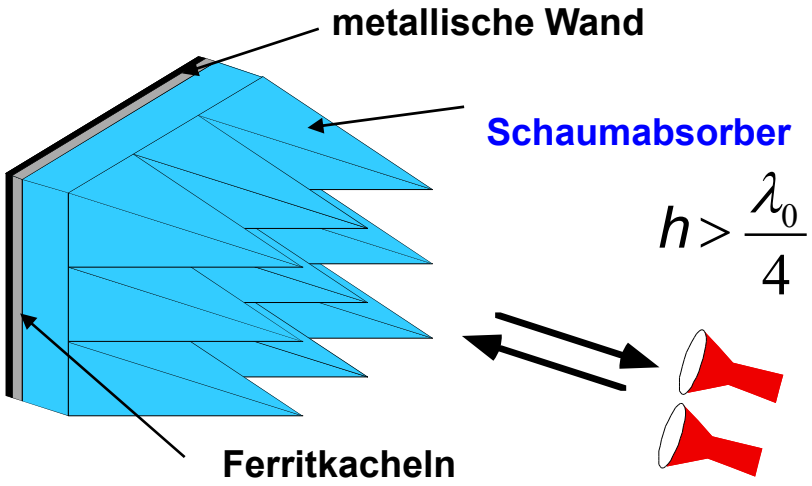
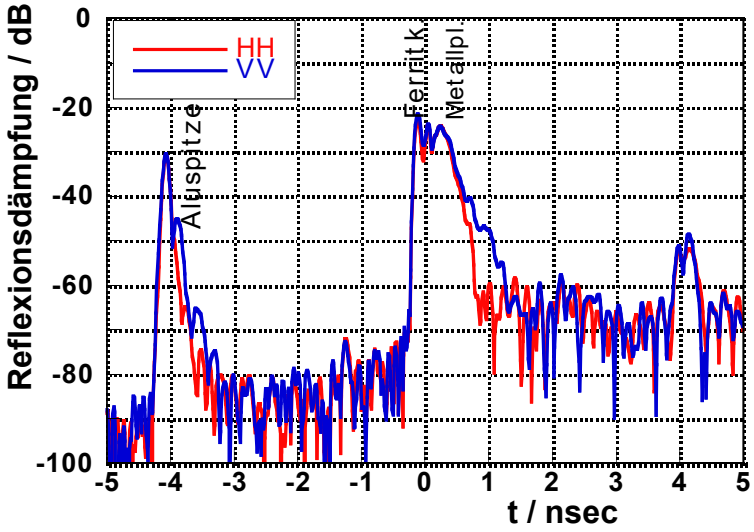
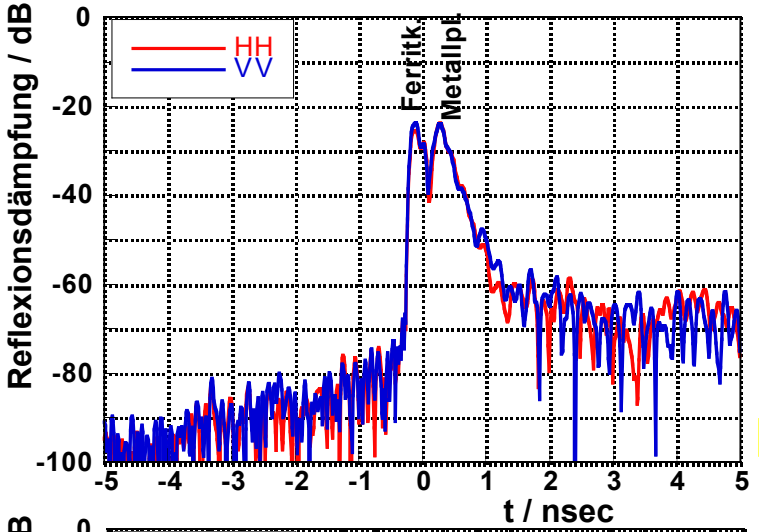
Reflexionsdämpfung von Hybridabsorbern







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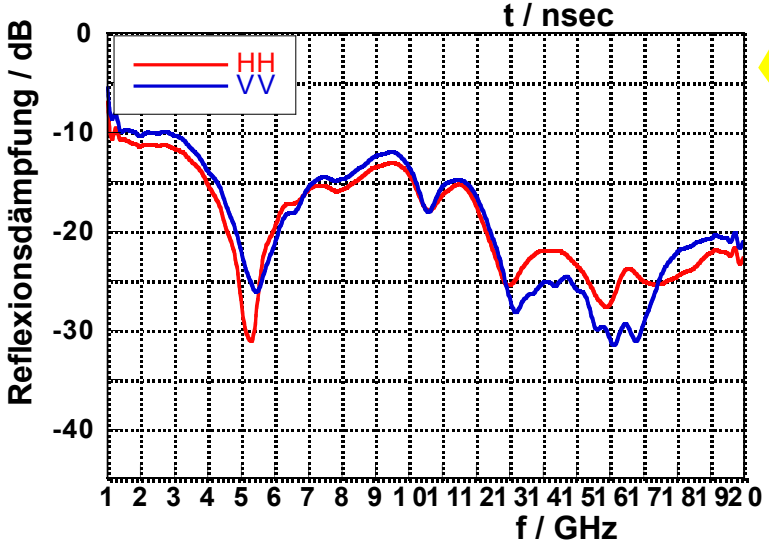

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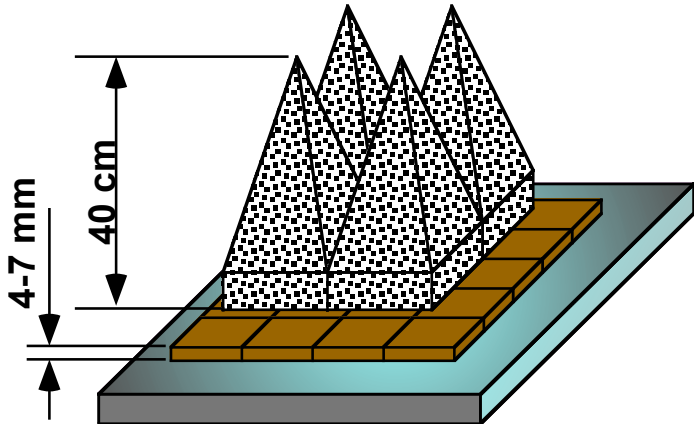
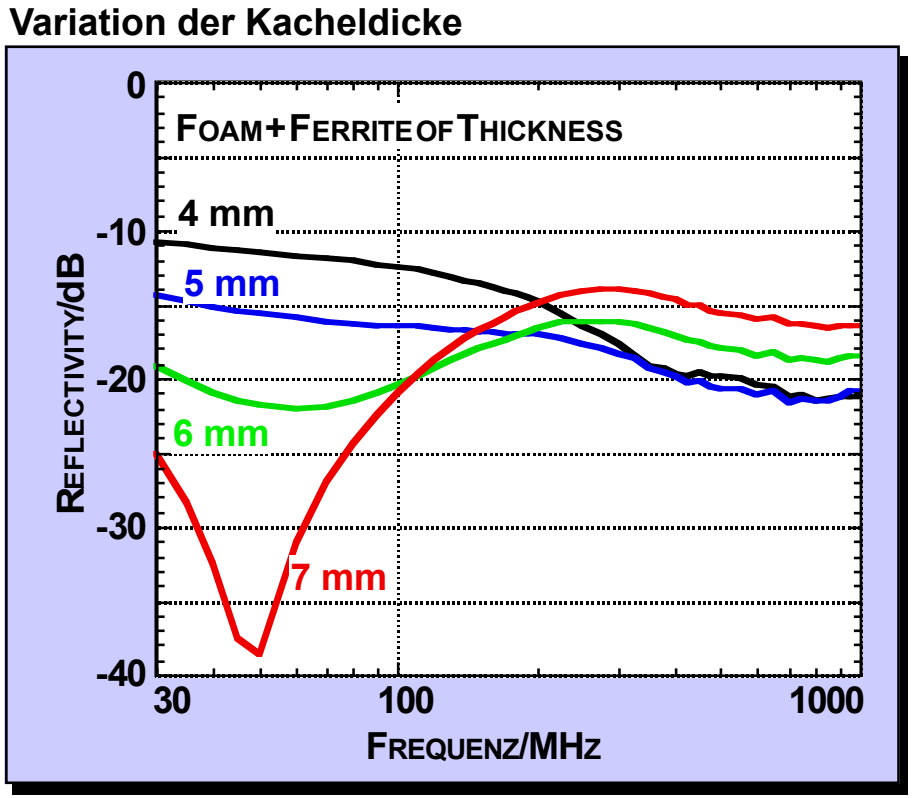
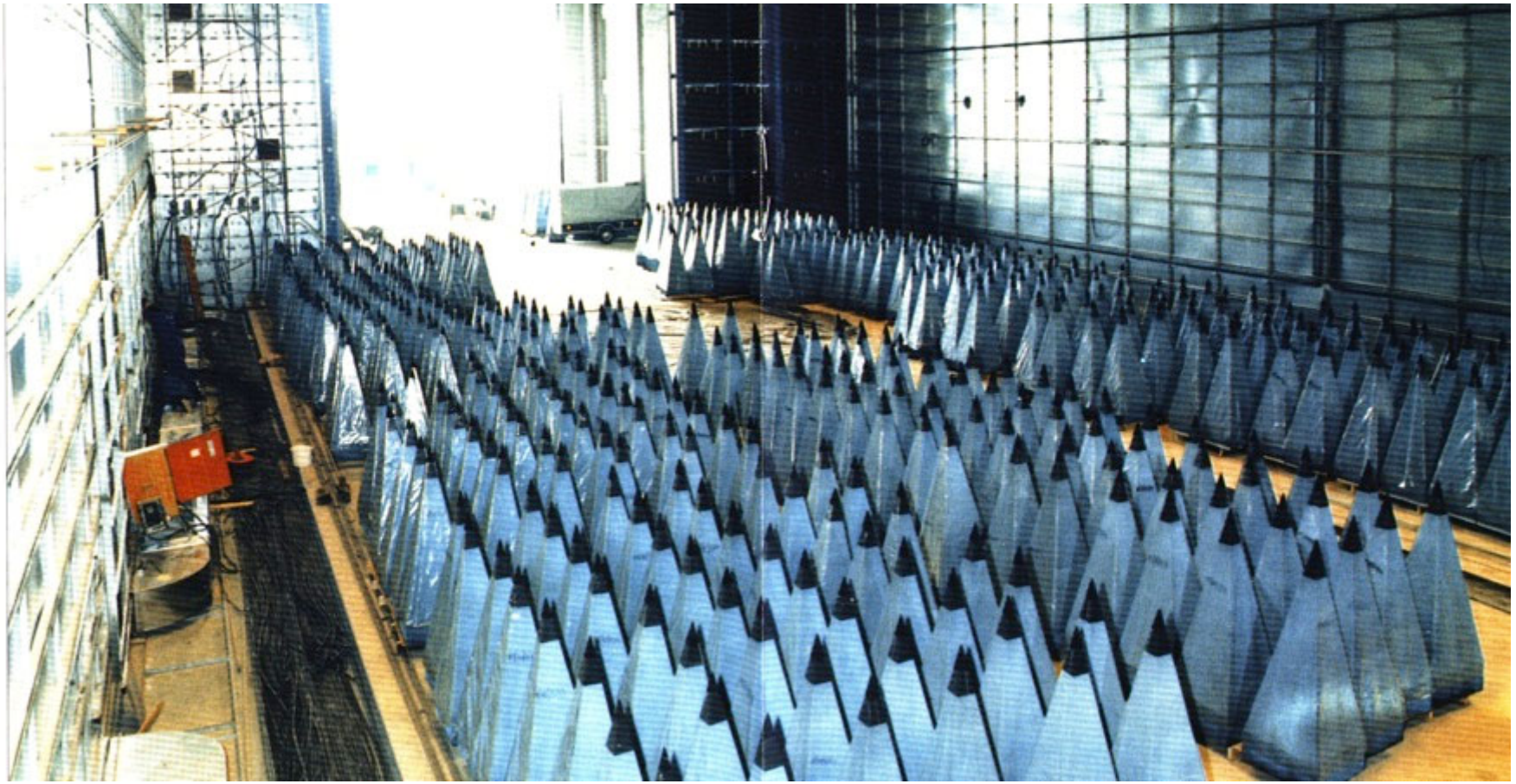
und Elektronik

Variation der Dicke der Ferritkacheln

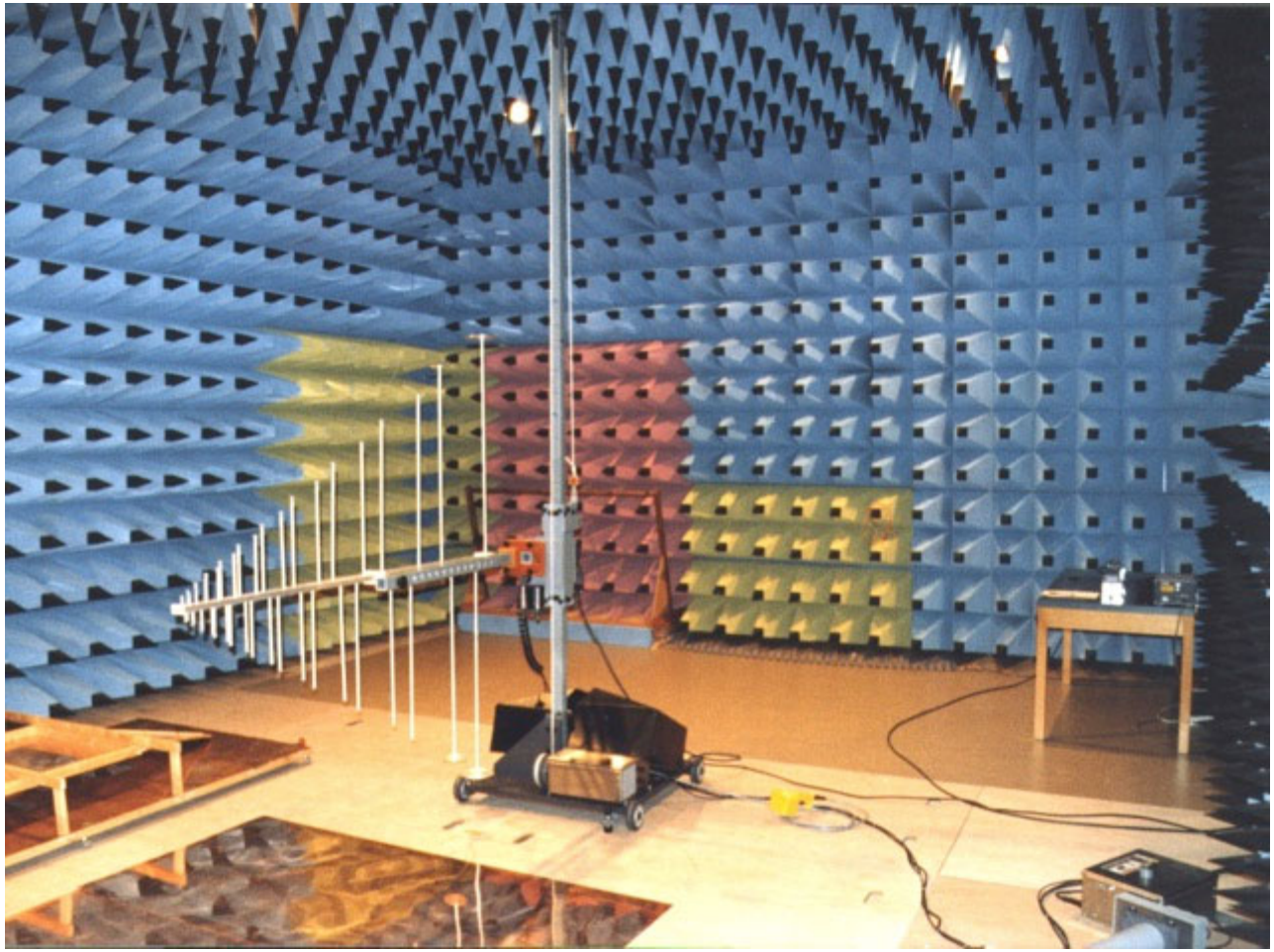




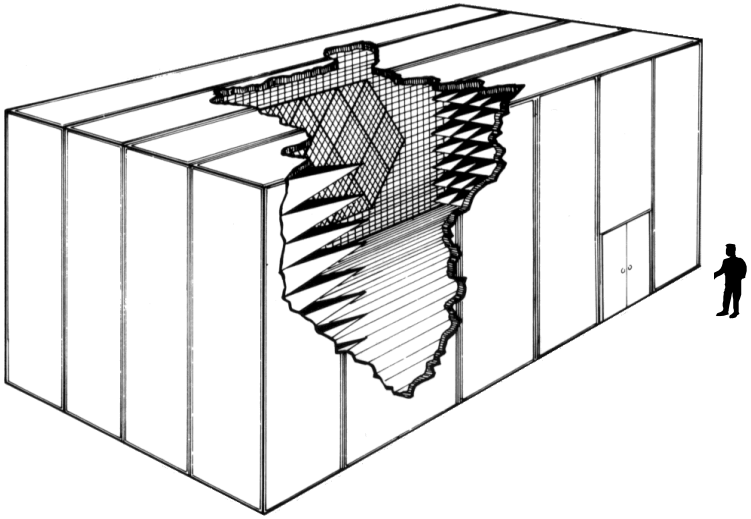
Bau einer Absorberkammer



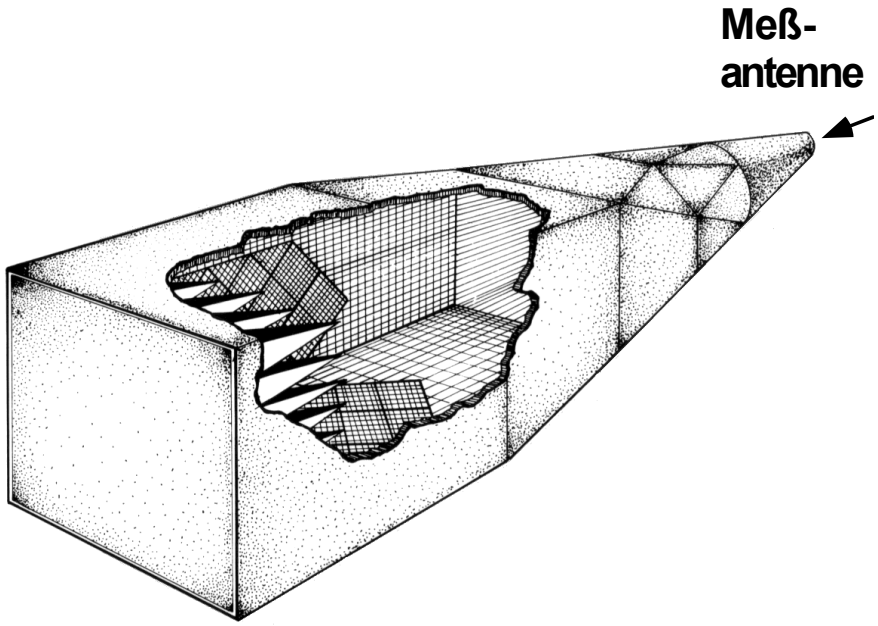
Rechteckige Absorberkammer



Formen von Absorberkammern

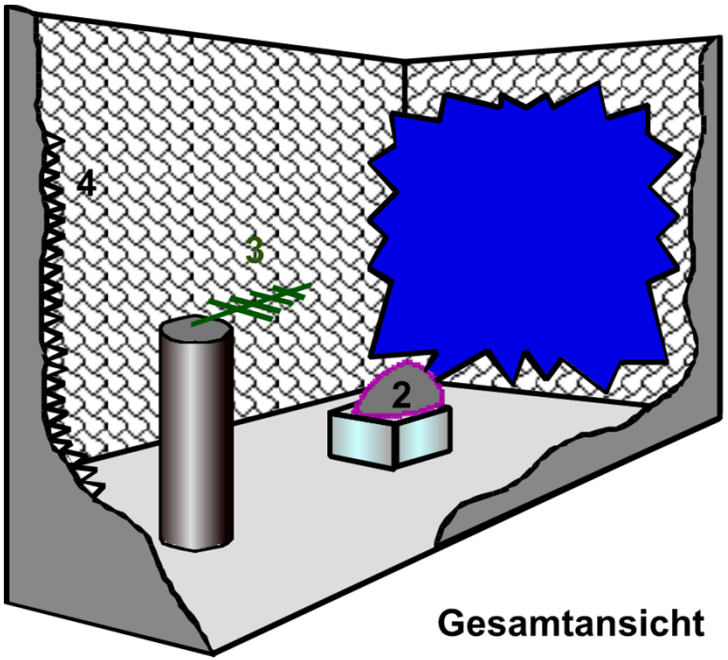


Rechteckige Kammer

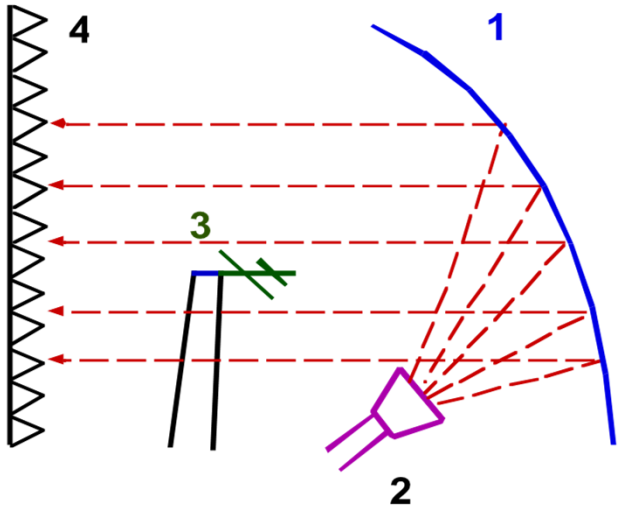


Getaperte Kammer

Compact Range: Funktionsweise



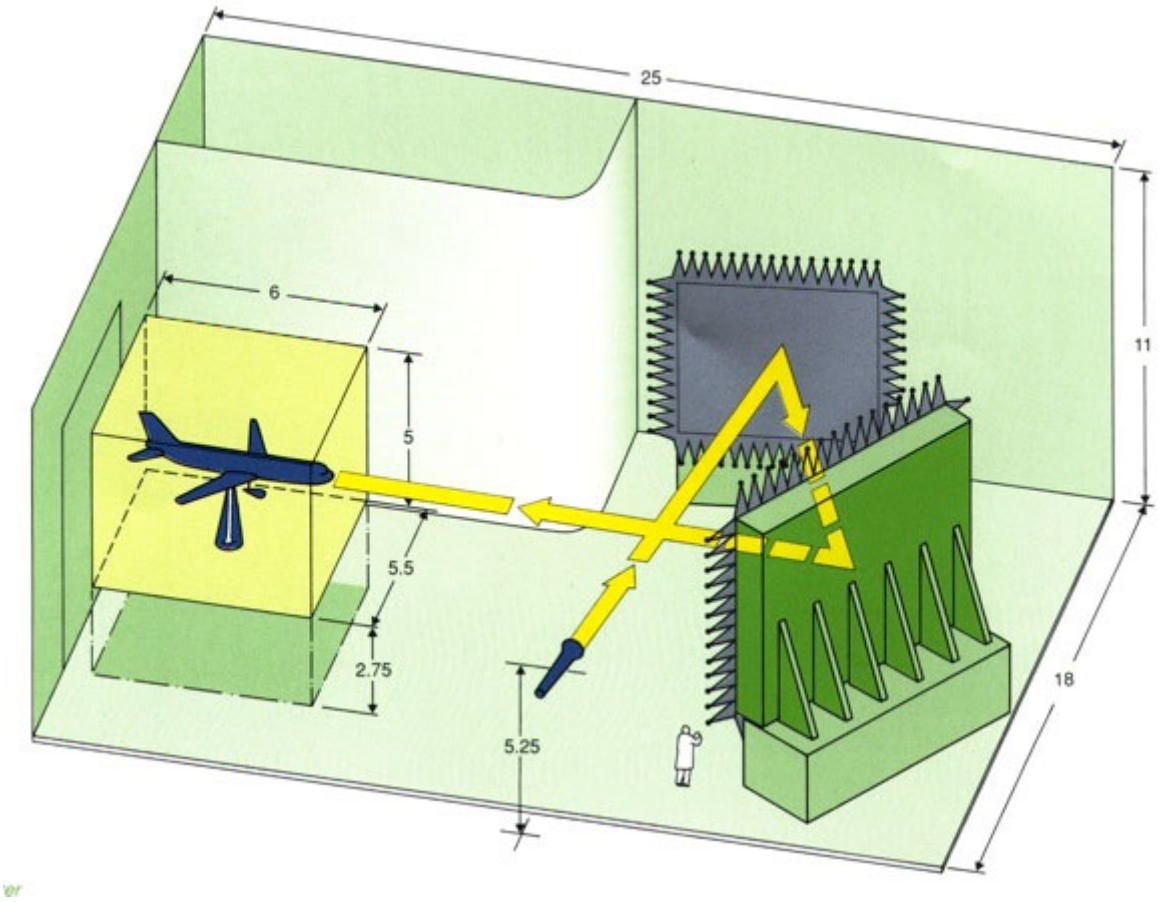
Gesamtansicht



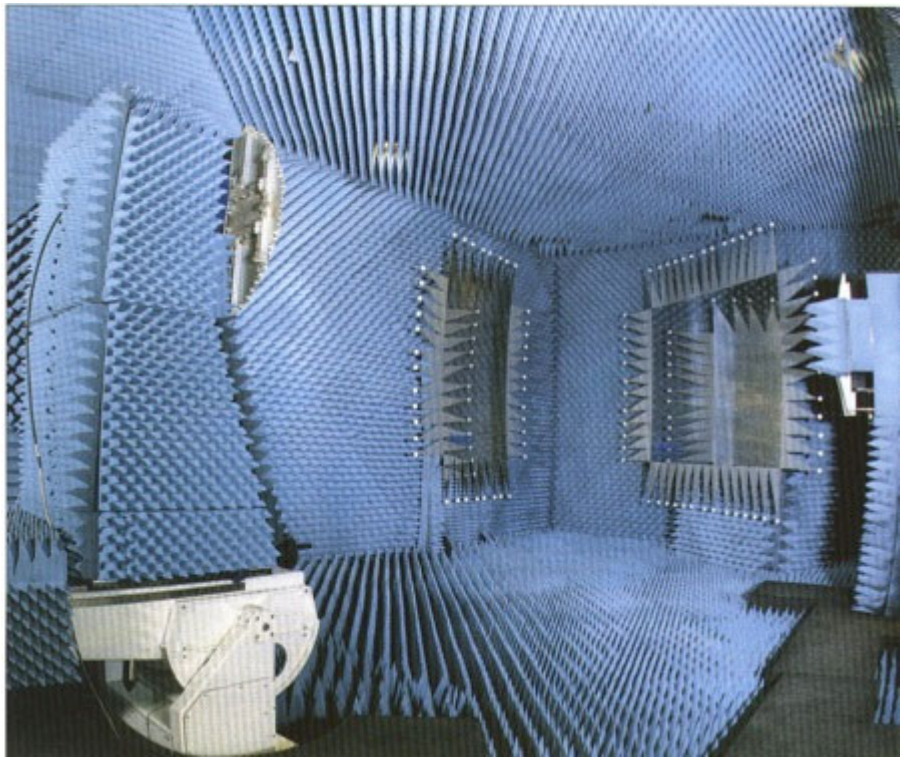
Prinzipbild

1 Parabolischer Reflektor,
2 Erregerhorn,
3 Testantenne auf Drehtisch im ebenen Wellenfeld,
4 Alle Seiten mit Pyramiden-Absorbern

Compact Range Antenna Measurement

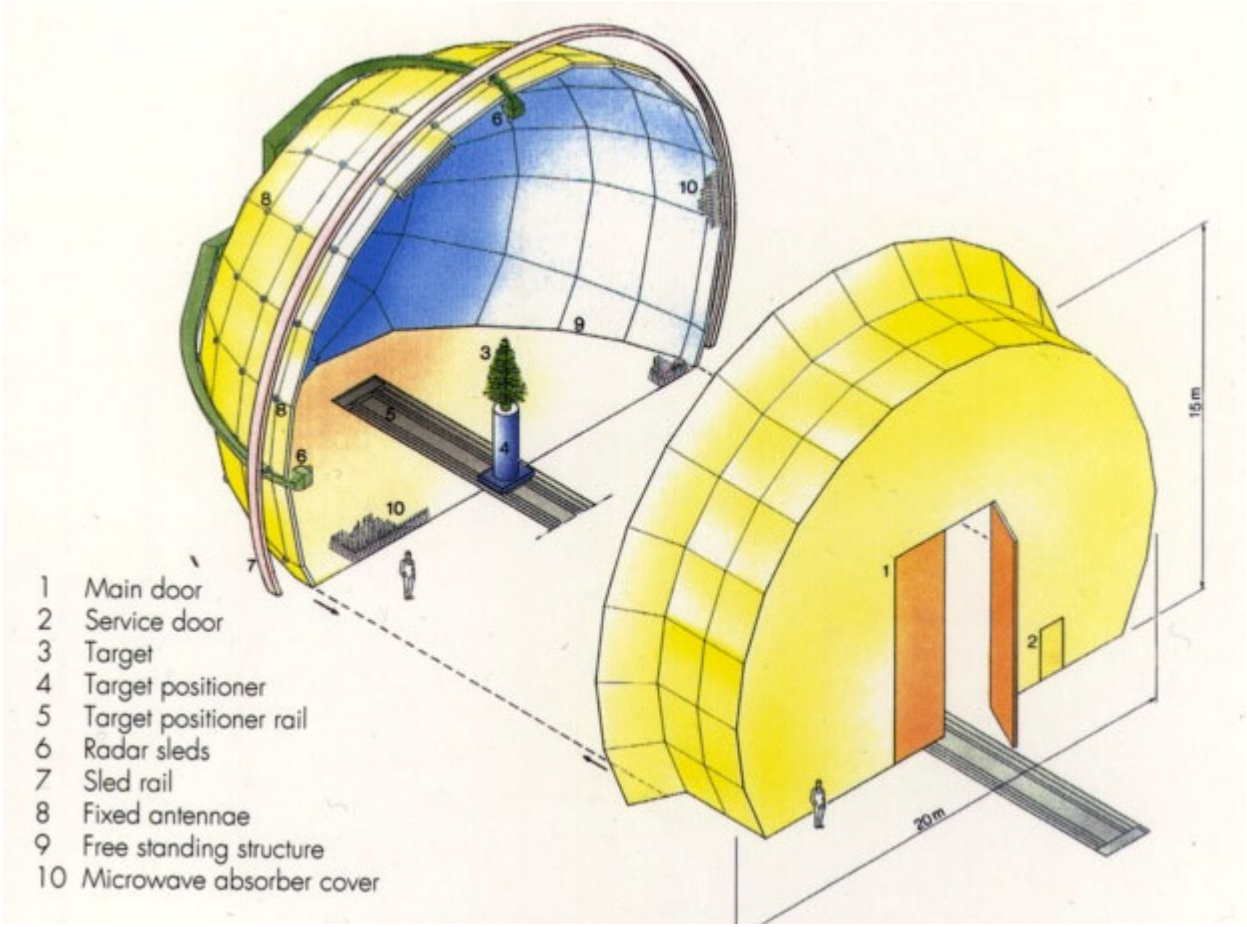


Compact Ranges

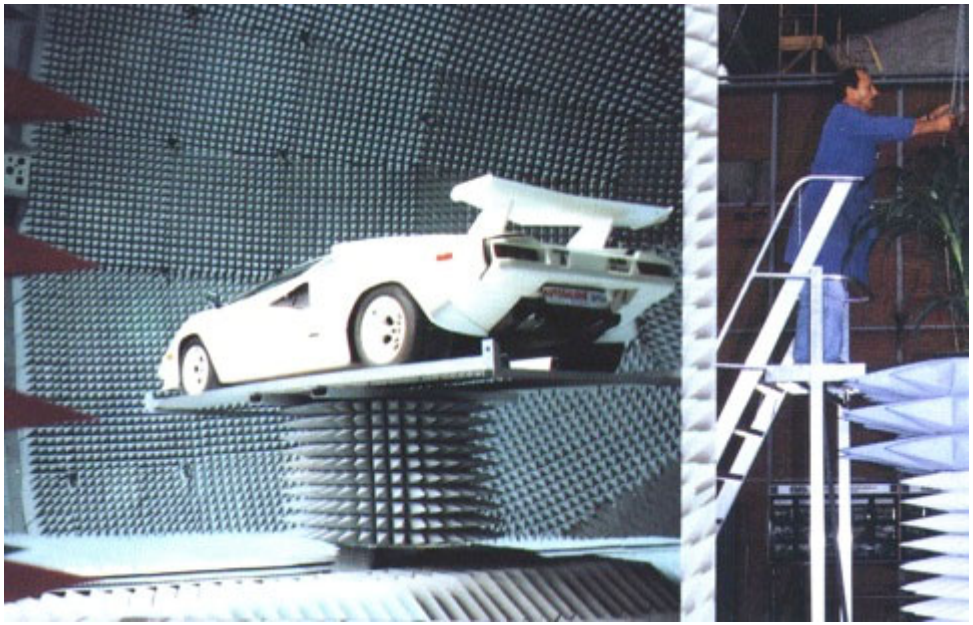


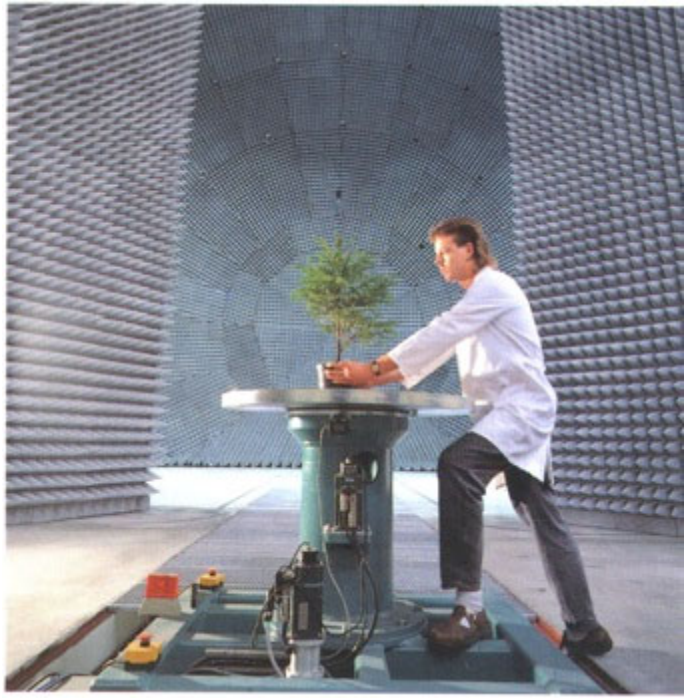
European Microwave Signature Laboratory

Kugelförmige Absorberkammer

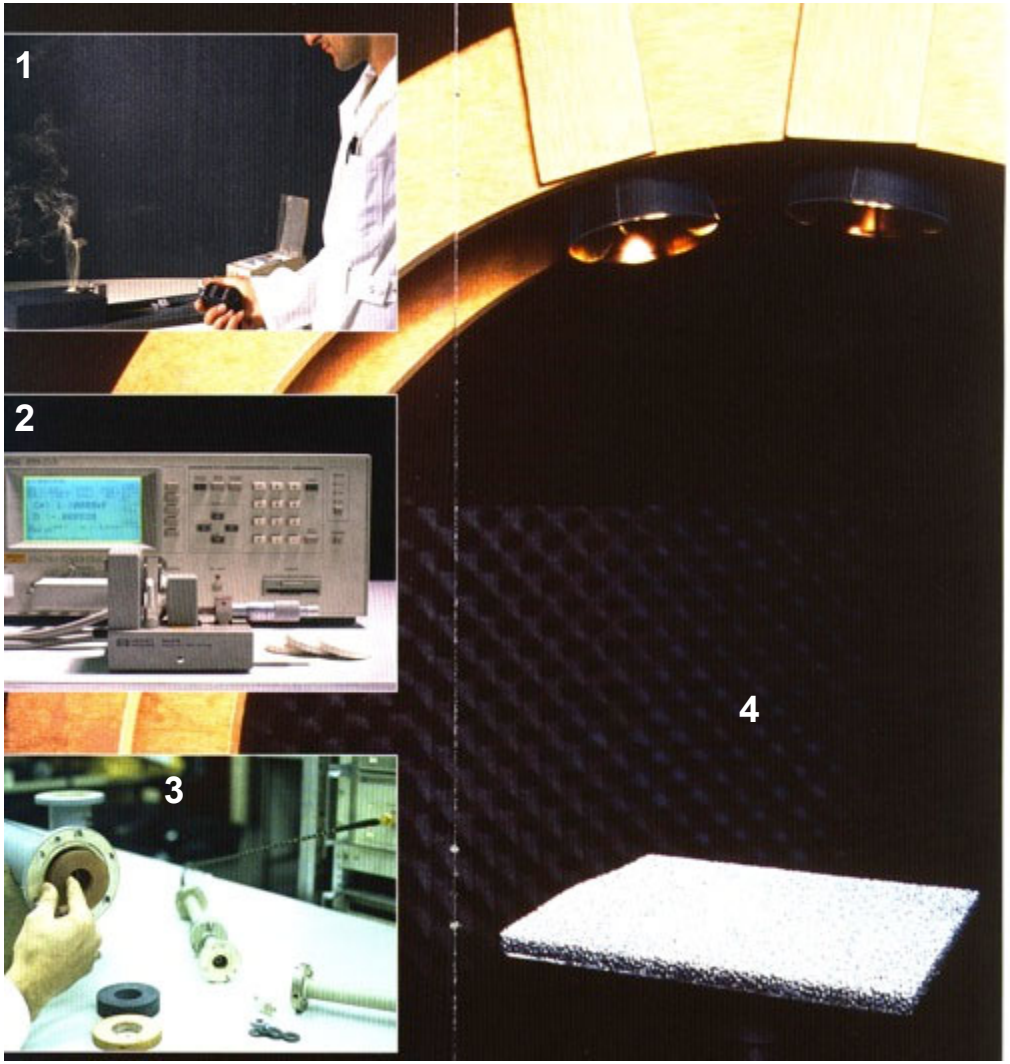


European Microwave Signature Laboratory





Tauglichkeit von Absorbermaterial



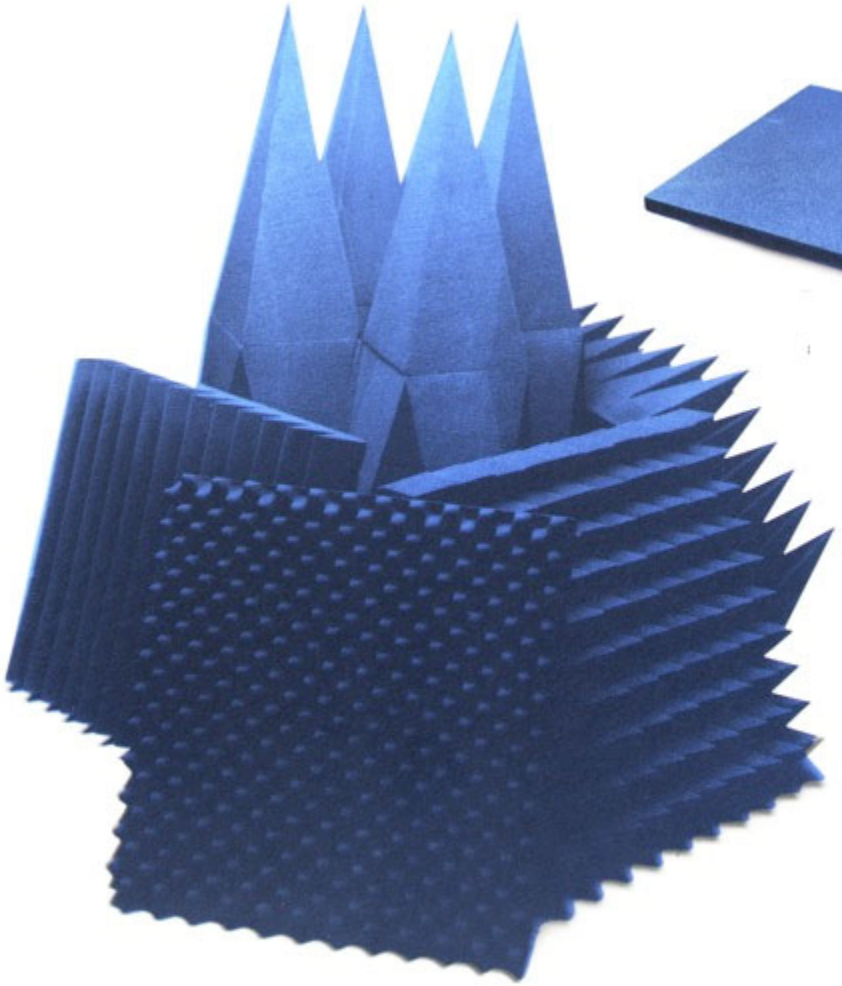
1: **Brandtest**

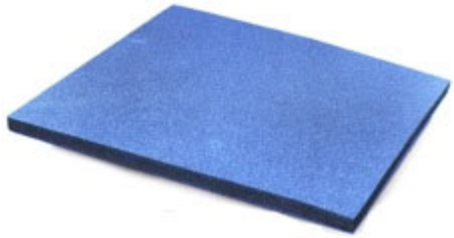
2: **Kapazitive Messung der Dielektrizitätszahl**

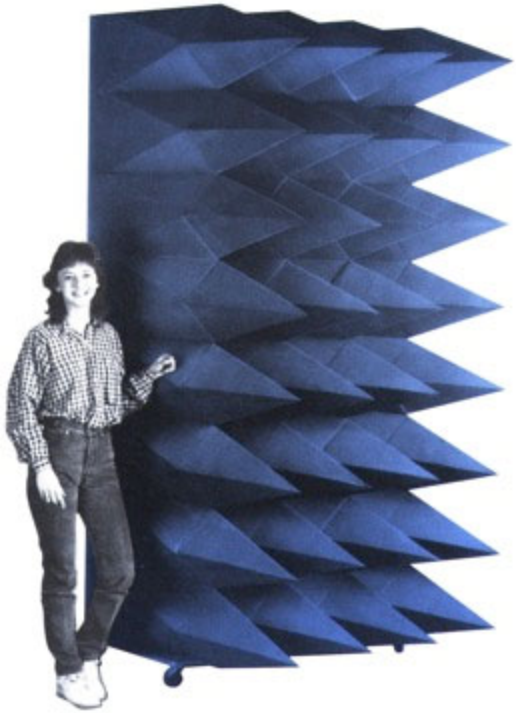
3: **Koaxiale Messung der Dielektrizitätszahl und der Permeabilität**

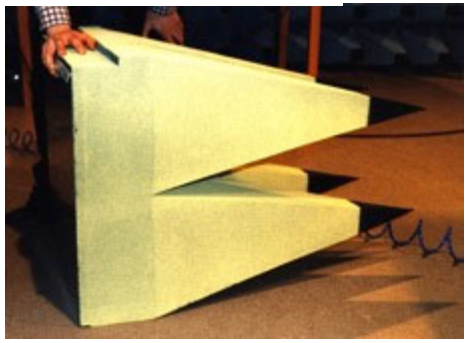
4: **Breitbandige Reflexionsfaktormessung mit Dualpolarisation unter Freiraumbedingungen**

Schaumabsorber









Reflexionsfaktormessung mit Hohlleiter