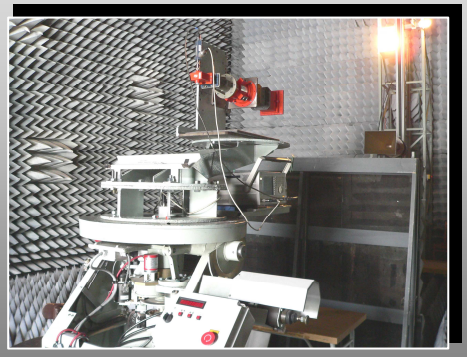
ANECHOIC CHAMBER

ENABLES

- to record directional radiation patterns
- to measure gain in swept frequency band
- to check and set the ellipticity
- to set and measure differential phase and amplitude
- to set and optimize the SWR and through-way attenuation

RAMET C.H.M. a.s.



MAIN TECHNICAL PARAMETERS

- **frequency range of measurement:** 30MHz - 40GHz
- **available inner space covered with pyramidal RAM**
  - length: 11.1 m; width 7.4; height: 6.9 m
- **positioning system** for scanning directional patterns:
  - azimuth ± 180°
  - elevation ± 45°
- **carrying capacity of the positioning system:** maximum 300 kg
- **vertical positioning mechanism with polarized head**

EMC LABORATORY

MEASUREMENT OF ELECTROMAGNETIC COMPATIBILITY

- **measurement of radiated interfering field** in a frequency band from 30 MHz to 3 GHz in a screened anechoic chamber
- **measurement of interfering signal** on power line or output clamps in a frequency band from 9 kHz to 30 MHz
- **for all measurements standardized detectors** of peak, quasi-peak and mean value can be used