



Multi-Purpose Anechoic Chamber

Standards:

CISPR 16-1-4 | CISPR 25

IEC 61000-4-3

MIL-STD 461

RTCA DO-160G

Test Distance & Volume:

3 m at Ø1.5 m

1 m at a 2.5 x 1.0 m Table

Project Duration:

6 Months





1 What is your Goal?



Radiated Emissions



Radiated Immunity

2 How do you Test?



On a Table



On the Floor

3 For which Product Category?



Automotive



Consumer, Industrial & Telecom



Defence & Aerospace

Specifications

- Pre-compliance radiated emission testing at 3 m distance between 30-1000 MHz
- Full compliance radiated emission testing at 3 m distance between 1-18 GHz
- Full compliance radiated immunity testing at 3 m distance between 80-6000 MHz
- Shielding effectiveness (9 kHz-40 GHz) according to EN 50147-1

- Clearances and absorber reflectivity according to MIL-STD 464 & 461 and RTCA DO-160G as well as CISPR 25 & ISO 11452-2
- Required space (L x W x H): 8.3 x 5.0 x 3.6 m

Basic Components

- Glue-free and dust-free absorbers
- Friction-free door (1.5 x 2.1 m)

- Reflective ground-plane
- Honeycomb ventilation panels
- EMI-free LED lights
- Wall and floor connector panels
- EUT power line filters
- Turntable & antenna mast
- Test tables and grounding straps
- Waveguides for fibre cables

Premium Components

- White end caps and customer logo plate
- CCTV monitoring system
- EMC-hardened F.O. converters
- Waveguides for air, liquid and gas

Life Cycle Support

- Validation testing
- 5-Year performance warranty
- Door maintenance