

The logo for COMTEST, featuring the word "COMTEST" in a bold, blue, sans-serif font with a horizontal line underneath the letters "M" and "T".

COMTEST

Premium Shielding Antenna Test Chamber

Standards:

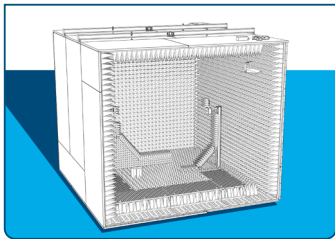
EN 50147-1/IEEE-299

ANSI/IEEE 149

Project Duration:

6 Months





Qualified for Testing:

- High-Power Antennas/Radars
- Classified Frequencies
- Passive Inter-Modulation (PIM)
- Hardware in the Loop
- In the Proximity of Strong Ambient Signals

Qualified for these industries:



Automotive



Telecom &
Multimedia



Defence &
Aerospace

Specifications

- Shielding effectiveness (9 kHz-40 GHz) according to EN 50147-1
- (free space) VSWR as per ANSI/IEEE 149
- Test distance: 3.25 m
- Quiet zone: 0.1-0.8 m
- Frequency range: 740 MHz-40 GHz
- Required space (L x W x H): 6.2 x 3.2 x 3.2 m

Basic Components

- Modular pan-type shielding
- Two friction-free swing doors (1.2 x 2.1 m)
- Honeycomb ventilation panels
- LED lights
- Wall connector panel
- EUT power line filters
- Waveguides for fibre cables
- Microwave absorbers

Premium Components

- Semi-automatic door operation
- Removable door slope
- Waveguides for air, liquid and gas
- Positioner for antenna under test
- Positioner for source antenna
- Controller

Life Cycle Support

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