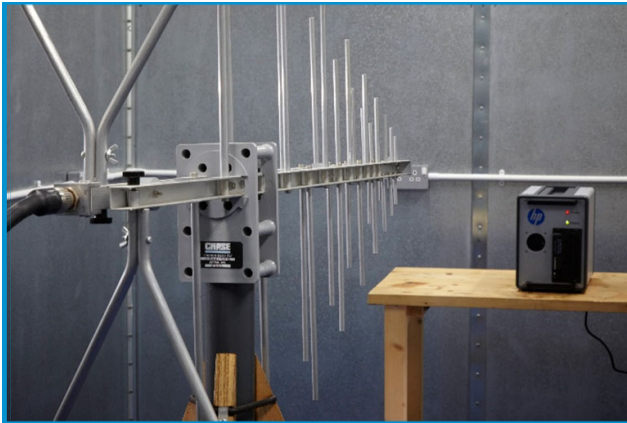


# EMC Chamber



## Work with us and use our dedicated pre-compliance testing facility

For customers who develop their designs alongside the Acal BFi team, we offer the use of our dedicated pre-compliance testing facility, established in-house at our Wokingham base. Our EMC facility is a fully screened 3m test chamber that supports testing for conducted and radiated emissions, fast transient burst and electrostatic discharge immunity and mains power harmonic analysis.

## Testing to compliance standards

Using our testing chamber gives you the opportunity to see whether your design will meet the relevant compliance standards.

We are able to test to most international standards such as; EN55022, EN60945, FCC and Mil-Std-461 up to 1GHz for emissions, EN61000-4-2 and EN61000-4-4 for immunity and EN61000-3-3 for conducted harmonics, giving you the confidence that the results you get with our pre-compliance process will allow you to achieve compliance with your design, or make any changes that are needed, saving both time and money.

## Use our expertise and save on costly testing

Private pre-compliance testing can be expensive to use and difficult to find, particularly if you need to return for further testing after making design alterations. As an Acal BFi customer, you have access to our facility during the whole of your project.

With years of experience at their fingertips, our expert application engineers will help you throughout the process, identifying areas of risk, and giving you advice during testing

## EMC Facility - overview

- 3 metre fully screened chamber (metal clad)
- Rohde & Schwarz EMI Test Receiver ESRP7
- Rohde & Schwarz 2 Line V-Network (LISN)
- Rohde & Schwarz HL562E ULTRALOG Antenna 30MHz to 6GHz
- Rohde & Schwarz ELEKTRA Emissions Test Software.
- Schaffner NSG435 static generator
- Schaffner NSG2025 Burst Transient Generator
- Schaffner Coupling Clamp
- PM300A Power Analyzer
- Variable DC power supply max 80V

