



Why Do Products Fail EMC Testing?

The Top Compliance Challenges Every Manufacturer Should Know.

Many products perform flawlessly in the lab—until they reach EMC compliance testing. EMC failures are one of the leading causes of redesigns, project delays, and increased certification costs.



**The good news?
Most failures are
preventable when
compliance is
considered early
in the
design cycle.**

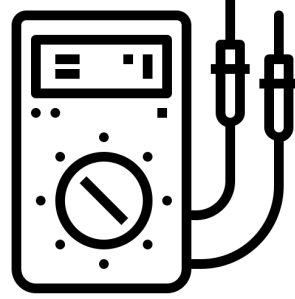
Common reasons products fail EMC testing:

- Poor PCB layout and grounding
- Inadequate shielding and cable management
- Power supply noise and filtering issues
- Insufficient ESD protection
- Unexpected radiated or conducted emissions
- Lack of pre-compliance testing during product development

Every failed test means additional engineering effort, delayed market entry, and higher development costs.

How VIMTA helps you succeed

At VIMTA, we partner with manufacturers from development through certification by offering:

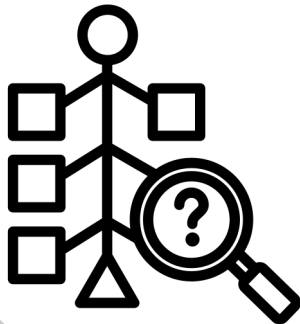


EMI/EMC testing
as per national &
international
standards

Pre-compliance
evaluations to
identify issues early



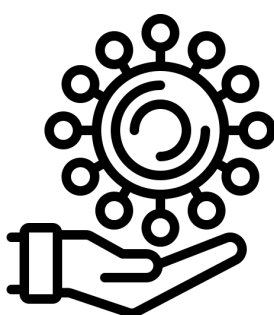
Root cause
analysis &
technical guidance



Fast turnaround to
support product
launch timelines



Experienced
experts and
state-of-the-art
testing facilities



Whether you're developing defence electronics, aerospace systems, automotive components, industrial equipment, consumer electronics, or medical devices, early EMC validation can significantly reduce risk and accelerate certification.

Vimta 

Connect with us to discuss how VIMTA can support your
EMC compliance journey.
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