

HORIBA MIRA

Radiated and conducted noise tests

Case Study Overview

A traditional truck OEM was having issues with their first electric platform meeting Radiated Emissions limits at around 60 MHz. They also had an additional challenge to meet Conducted Emissions limits on AC lines.

This affected not only compliance, but also functionality & interoperability. An urgent problem resolution was needed due to a scheduled Type Approval test that required an understanding of all possible sources of emissions.

Successes and Benefits

- Comprehensive root cause analysis and subsequent test solution identified and resolved the issue within a week, keeping Type Approval testing on schedule.
- Targeted mitigation at source resolved radiated and conducted noise.
- Witnessed tests completed on-time.
- All final tests passed to complete the customer's DVP successfully.
- Customer highly satisfied and delivered in tight timeframe.

