

## Benchmarking of European Market EVs

### Case Study Overview

We supported an Asian-based customer with technical benchmarking of European EVs to verify their response to abnormal mains supply waveforms.

The customer didn't supply test vehicles, so they needed to be sourced during a global shortage of chips and vehicles.

There was a risk of damage to test vehicles and equipment, so care was needed to develop risk assessments in the absence of EV safety documentation for each platform.

### Successes and Benefits

- End-to-end solution offered, from defining test requirements to test plan generation, waveform validation and sourcing of test vehicles.
- Completed the full suite of benchmarking tests and gaining insightful data for the customer to compare with their products.
- Agile project management catered to changing customer requests. Support from the HORIBA team improved communications and ensured queries were clearly understood.

