

Case Study

Robotaxi - EMR Engineering

“ I wanted to take a moment to express my sincere appreciation for HORIBA MIRA's dedication and hard work during our project. Their contribution has been instrumental in the success of the execution. ”

— EE Principal Engineer

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Overview

A US based people-moving enterprise has a safety critical, highly complex and fully autonomous vehicle development with ambitious plans for utilising innovative technology to reduce emissions and increasing comfort.

This startup needed help to develop, implement, and execute quality electromagnetic processes to demonstrate compliance to regulations as well as going well beyond this to achieve best in class performance to maintain market confidence.

HORIBA MIRA's engineers have provided pre-validation specialist engineering support to achieve this aim and to ensure the customer's product meets all the stated goals.

Successes & Benefits

- ✓ Vehicle specific EMC OEM specification, including EV, charging, ADAS and connectivity set goals for BiC
- ✓ Flow through EMC requirements to Tier 1 suppliers and internal function owners ensured continuity and alignment
- ✓ EM risk management system used for exec. briefs, supplier investigations, resolution and concessions, tracking and reporting EM risk through development
- ✓ On-site supplier and test partner presence ensured consistent voice of the customer throughout
- ✓ Provided a holistic approach to EM engineering and we were a trusted authority within the customer management board of executives