



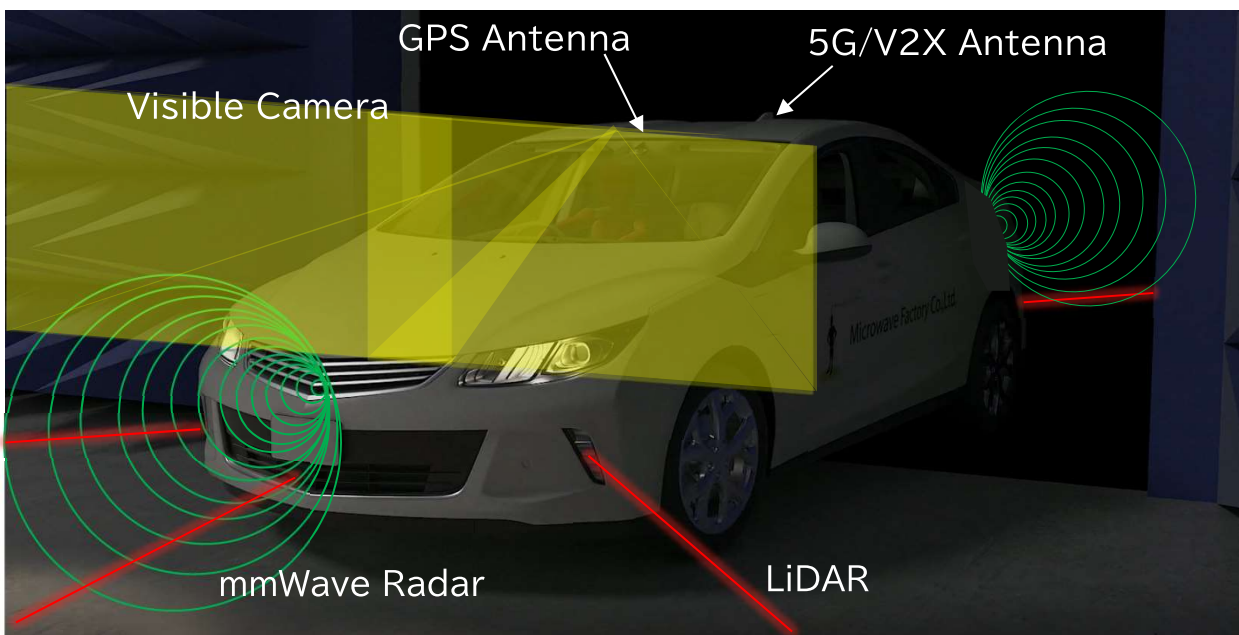
All-in-One test system of Fusion Sensor

Overview

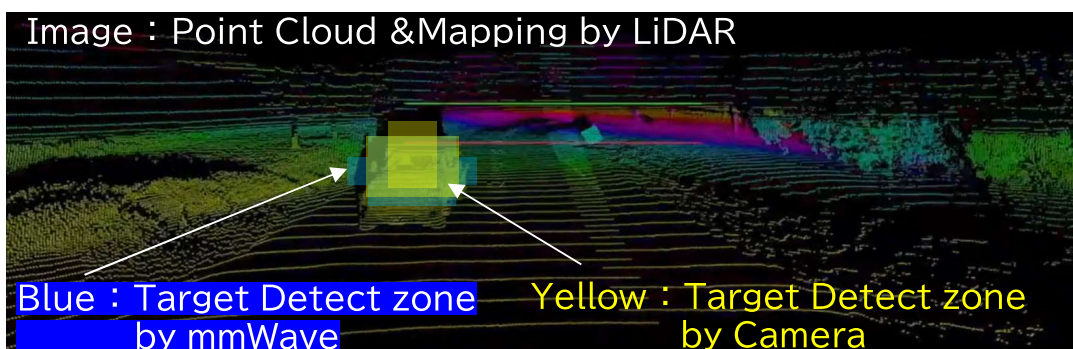
It is mandatory that new registration CARs after Nov. 2021 installs AEBS (Advanced Emergency Brake System) pass the NCAP standard, and also ACC(Adaptive Cruise Control), LKA(Lane Keep Assist), unintended starting restraint control, etc. are demanded for ADAS solution, level3. To achieve that the multi-sensors synchronization/fusion system and ADAS AI, which analyze/judge for sensor data and support to drive, are required with high accuracy & efficiency and compacted.

Our “All-in-One test system of Fusion Sensor” enable developers to evaluate,

1. Simulate the driving on the free-roller, and evaluate the functionality and performance of the sensors each for, their synchronization & fusion and AI for ADAS
2. Each sensors performance (detection vs distance/angle, robustability against multi-path, shielding, scattering) and combined performance with other sensors simulated triggers.



Sensor Location sample more than ADAS Level3



High accurate Image of Target Detection by multi-sensor fusion

Components for this system

Depend on the customers demanded test scenario and environment, it is achievable your unique system by choice from the following units. Please contact us how to set-up the suitable system for your demand.



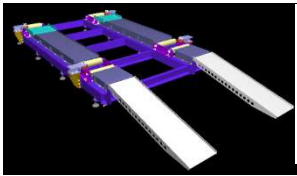
mmWave Radar Target Simulator (RTS)



LiDAR Target Simulator (LTS)



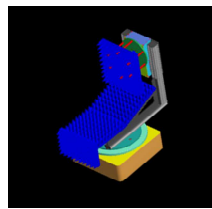
VR Image Content projection system



Free-Roller



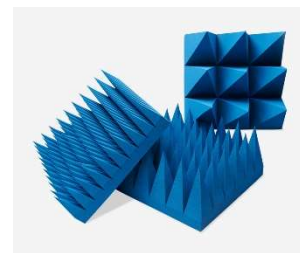
Movable rail (with motor)



AZ/EL/Z 3 axis positioner



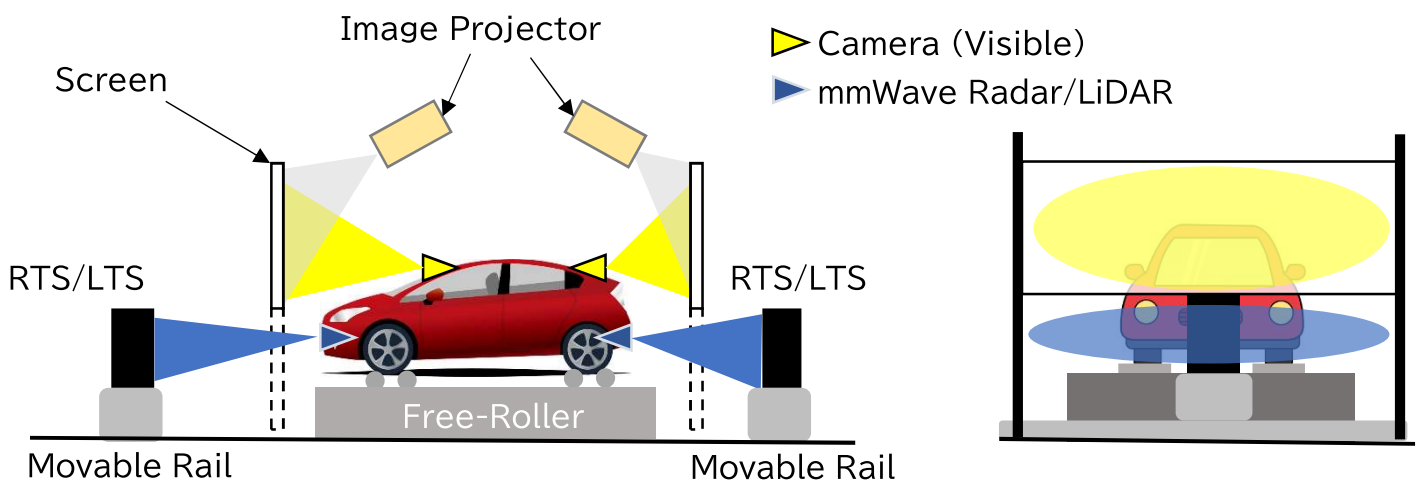
Driving Simulator (Work Station)



Absorbers

System Set-up sample

■ Test case ①: Operation Test for multi-sensors cooperation & fusion of actual car



■ Test case ②: Operation Test for sensor alone or multi-sensors cooperation & fusion

