

Position and Attitude Sensor VSAS-2GM

Application: automobile



The compact VSAS-2GM sensor measures and outputs data on position (latitude, longitude), acceleration (X, Y, Z), angular rates (X, Y, Z), attitude angles (roll, pitch) and azimuth in realtime.

The following information was acquired by the VSAS-2GM installed on an automobile which was driven through city streets.

Aerial photograph



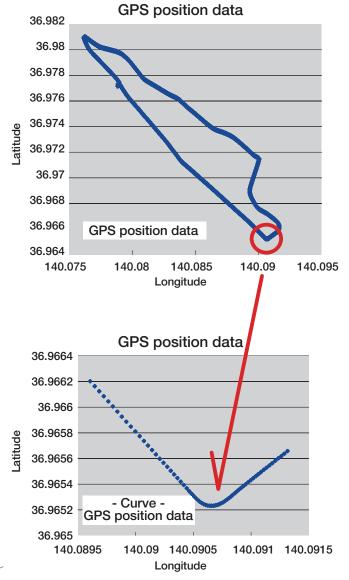
Latitude and longitude data output by the VSAS-2GM sensor matches exactly the vehicle's route shown in the aerial photo.

Onboard sensors and GPS input enable the VSAS-2GM to determine longitudinal and latitudinal position with a high degree of accuracy.

Precise latitudinal and longitudinal information is essential in capturing the motion at specific points along the vehicle's travel.

Data obtained by the VSAS-2GM when the vehicle negotiates the curve is described on the reverse page.

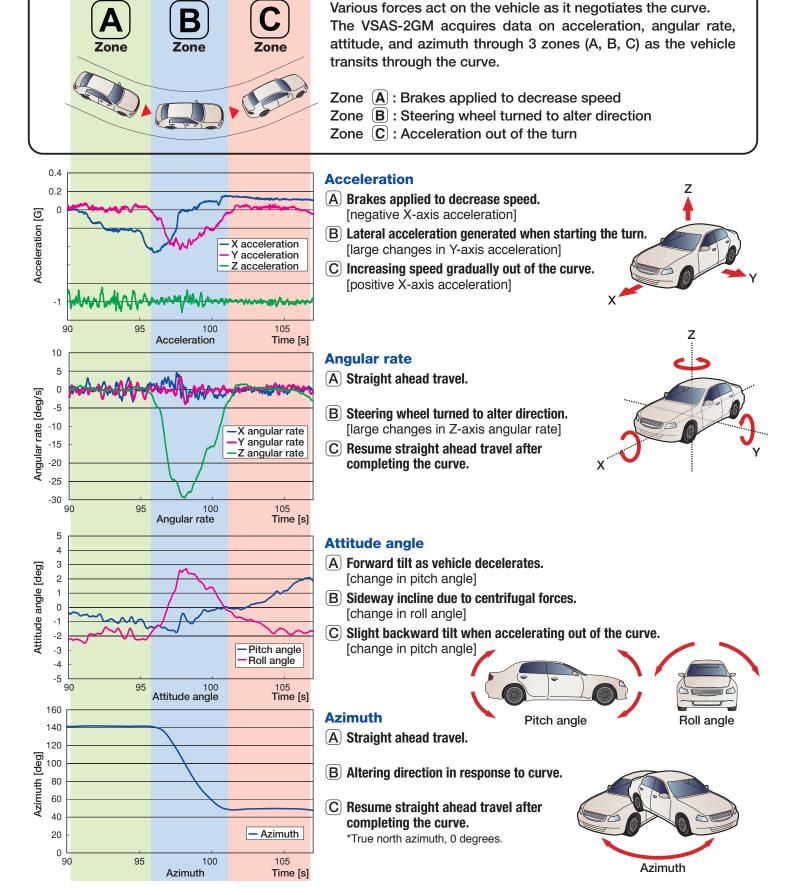






Curve data acquired by the VSAS-2GM sensor





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