

Hazard ID	Situational Analysis			
	Operational Mode	Operational Scenario	Environmental Details	Situation Details
HA-001	OM03 - Normal Driving	OS04 - Highway	EN06 - Rain (slippery)	SD02 - High speed
HA-002	OM03 - Normal Driving	OS03 - Country Road	EN01 - Normal	SD02 - High speed
HA-003	OM03 - Normal Driving	OS04 - Highway	EN07 - Snow (slippery)	SD02 - High speed
HA-004	OM03 - Normal Driving	OS04 - Highway	EN01 - Normal	SD02 - High speed

Analysis			
Other Details (optional)	Item Usage (function)	Situation Description	Function
	IU01 - Correctly	Normal driving on a highway during rain	Lane Departure
	IU02 - Incorrectly	Normal driving on a country road during	Lane Keeping
	IU01 - Correctly	Normal driving on a highway on snow	Lane Keeping
	IU02 - Incorrectly	Normal driving on a highway during	Lane Departure

Hazard Identification			
Deviation	Deviation Details	Hazardous Event (resulting effect)	Event Details
DV04 - Actor	The Lane Departure	EV00 - Collision with	High haptic feedback can affect
DV03 -	The Lane Keeping function	EV00 - Collision with	Driver uses the function as if the
DV03 -	The Lane Keeping function	EV00 - Collision with	The lane keeping function acts
DV02 -	The camera sensor stop	EV00 - Collision with	The Lane Departure Warning

Hazard			
Hazardous Event Description	Exposure (of situation)	Rationale (for exposure)	Severity (of potential harm)
The Lane Departure Warning	E3 - Medium	Driving on a highway with rain	S3 - Life-threatening or
The driver does not use the	E2 - Low	The combination between driving	S3 - Life-threatening or
Lane Keeping function	E3 - Medium	Driving on a highway with snow	S3 - Life-threatening or
The Lane Departure Warning	E3 - Medium	Driving on a highway with rain	S3 - Life-threatening or

dous Event Classification

Rationale (for severity)	Controllability (of hazardous event)	Rationale (for controllability)
Collisions at high	C3 - Difficult to control or	It is difficult to stay calm and react properly when
Collisions at high	C3 - Difficult to control or	Because hands aren't on the wheel at high
Collisions at high	C3 - Difficult to control or	When the driver loses control of the vehicle, it is
Collisions at high	C3 - Difficult to control or	When the driver loses control of the vehicle, it is

Determination of ASIL and Safety Goals	
ASIL Determination	Safety Goal
C	The oscillating steering torque from the
B	The Lane Keeping Assistance function
C	The Assistance provided by the Lane
C	The Lane Departure Warning function