

Hazard ID			
	Operational Mode	Operational Scenario	Environmental Details
HA-001	OM03 - Normal Driving	OS04 - Highway	EN06 - Rain (slippery road)
HA-002	OM03 - Normal Driving	OS03 - Country Road	EN01 - Normal conditions
HA-003	OM03 - Normal Driving	OS04 - Highway	EN01 - Normal conditions
HA-004	OM03 - Normal Driving	OS03 - Country Road	EN01 - Normal conditions

Situational Analysis		
Situation Details	Other Details (optional)	Item Usage (function)
SD02 - High speed		IU01 - Correctly
SD02 - High speed		IU02 - Incorrectly
SD02 - High speed	Drivers approaches a co	IU01 - Correctly
SD02 - High speed		IU01 - Correctly

Situation Description	Function
Normal driving on a highway during rain (slippery road) with	Lane Departure
Normal driving on country roads during normal conditions	Lane Keeping
Nomal driving on highway during normal conditions with	Lane Keeping
Normal driving on a country road during normal conditions	Lane Keeping

Hazard Identification		
Deviation	Deviation Details	Hazardous Event (resulting effect)
DV04 - Actor effect is too much	The Lane Departure	EV00 - Collision with
DV03 - Function is always	Lane Keeping function is	EV00 - Collision with
DV19 - Sensor detection is	Camera sensor doesn't	EV02 - Side collision
DV02 - Function unexpectedly	Camera sensor stop	EV00 - Collision with

Event Details	Hazardous Event Description	Exposure (of situation)
High haptic feedback can affect	The Lane Departure Warning	E3 - Medium
Driver uses the function as the	The driver does not use the	E2 - Low
Driver does not see car driving on	The Lane Keeping Assistance	E3 - Medium
Driver loses control because the	The Lane Keeping Assistance	E3 - Medium

Hazardous Event Classification

Rationale (for exposure)	Severity (of potential harm)	Rationale (for severity)	Controllability (of hazardous event)
Driving on a highway with rain	S3 - Life-threatening or	Collitions at high	C3 - Difficult to control or
The driver is on a country road	S3 - Life-threatening or	Collitions at high	C3 - Difficult to control or
Even if higways are pretty often	S3 - Life-threatening or	Collitions at high	C3 - Difficult to control or
It happens not so seldom that the	S3 - Life-threatening or	Collitions at high	C3 - Difficult to control or

	De
Rationale (for controllability)	ASIL Determination
Too strong wheel's vibration can scares a driver	C
Since both hands not on the steering wheel, the	B
Driving at high speed and encountering a new	C
When the driver loose control of the vechicle is	C

Termination of ASIL and Safety Goals
Safety Goal
The oscillating steering torque from the LDW function
The LKA function shall be time limited and additional
The LKA has to be sensible for different coloring of
The LKA function shall be deactivated when the