I-6416

**OC Subsection:** [[F-3688]](#3688) New OC Subsection: 06 Driving / Braking Systems

**Description:**

Use Case: Anti-Lock Braking System (ABS) Functionality

Preconditions:

1. The vehicle is running on the icy or watery road.
2. The ABS is activated in the background normally.

Main Scenario:

1. The driver presses the brake pedal in\_23 forcefully.
2. The vehicle slides and the ABS controls brake force to reduce slipping.
3. The driver will get feedback from brake pedal out\_23.

Postconditions:

1. ABS shorten the braking distance and ensure the steering stability of the vehicle.

Alternative scenario:

A. When ABS functions malfunction, there is an alert display on out\_1, out\_2, out\_5, out\_14, out\_25.

**Priority:** Normal

**Type**: Use Case CF

#### Document

**Caption:** operational\_concept.Profile - 383201 Profiles settings

**Overall estimation:**

**Requirement type:** Profile

**Type**: Profile