

Test Case ##

Author _____
 Project _____

Version _____
 Date _____

Name of the Test Case	
Narrative	
Function(s) under Investigation (FuI) "the referenced specification of a function realized (operationalized) by the object under investigation"	
Object under Investigation (Oul) "the component(s) (1..n) that are to be qualified by the test"	
Domain under Investigation (DuI): "the relevant domains or sub-domains of test parameters and connectivity."	
Purpose of Investigation (Pol) The test purpose in terms of Characterization, Verification, or Validation	
System under Test (SuT): Systems, subsystems, components included in the test case or test setup.	
Functions under Test (FuT) Functions relevant to the operation of the system under test, including FuI and relevant interactions btw. Oul and SuT.	
Test criteria: Formulation of criteria for each Pol based on properties of SuT; encompasses properties of test signals and output measures.	
target metrics Measures required to quantify each identified test criteria	
variability attributes controllable or uncontrollable factors and the required variability; ref. to Pol.	
quality attributes threshold levels for test result quality as well as pass/fail criteria.	

Qualification Strategy

i.e. how are the Pol to be met by the different tests and how will the test results be combined to yield the desired Pol outcomes (see guideline)

Test Specification ##.##

Reference to Test Case	
Title of Test	
Test Rationale	
Specific Test System (graphical)	
Target measures	
Input and output parameters	
Test Design	
Initial system state	
Evolution of system state and test signals	
Other parameters	
Temporal resolution	
Source of uncertainty	
Suspension criteria / Stopping criteria	

Mapping to Research Infrastructure

i.e. how is it planned to distribute (map) and execute the specified test system in a given research infrastructure (free text); this section can be used to list the intended Experiment specifications.

Experiment Specification ##.##.##

Reference to Test Specification	
Title of Experiment	
Research Infrastructure	
Experiment Realisation	
Experiment Setup (concrete lab equipment)	
Experimental Design and Justification	
Precision of equipment and measurement uncertainty	
Storage of experiment data	