

Annex K External Test Specifications (Normative)

Some test specifications related to the RSP ecosystem have been developed by external organisations (e.g. TCA (formerly SIMalliance)). These organisations defined their own requirements for test benches, test applicability and pass criteria.

This section lists the test specifications that relate to SGP.21 [3] and SGP.22 [2] requirements.

K.1 TCA eUICC Profile Package Test Specification

The TCA eUICC Profile Package: Interoperable Format Test Specification [23] SHALL be executed on the eUICC in order to check its compliance with the eUICC Profile Package Specification [4]. The version of [23] to be referenced for this version of SGP.23 is 3.3.1.2.

Test cases are applicable according to the eUICC Profile Package Specification [4] version and the additional eUICC Profile Package Specification [4] versions (if any) supported by the eUICC, in conjunction with the applicability table of the referred Test Specification [23].

The table below describes the versions of the eUICC Profile Package Specification [4] allowed depending on the SGP.22 version supported by the eUICC:

SGP.22 version	eUICC Profile Package Specification [4] versions required for the given SGP.22 version	Allowed values for #IUT_EUICC_ADD_PP_VERSIONS
2.2.x	2.1 or 2.2 or 2.3.1	N/A
2.3	2.1 or 2.2 or 2.3.1	3.1 or later
2.4	2.1 or 2.2 or 2.3.1	3.1 or later
2.5	2.1 or 2.2 or 2.3.1	3.1 or later
2.6	2.1 or 2.2 or 2.3.1	3.1 or later

Moreover, eUICC Manufacturers SHALL declare that the following options (as defined in [23]) are supported by the eUICC:

- O_MILENAGE
- O_TUAK_128
- O_JAVACARD

The successful execution of TCA test cases allows the following RSP requirements to be covered:

- RQ24_022
- RQ24_042
- RQ24_043

K.2 Document History

<u>Version</u>	<u>Date</u>	<u>CR Number</u>	
<u>Initial Release</u>	<u>28/11/2024</u>	<u>Annex K extracted from SGP.23 v1.15</u>	
<u>Update 1</u>	<u>13/02/2025</u>	<u>CR11511R01</u>	<u>TCA eUICC Profile Package: Interoperable Format Test Specification updated to 3.3.1.2</u>
<u>Released with SGP.23v1.16 Draft 2</u>	21 st February 2025	CR11605R02	Added normative to title. Appended document history.
<u>Released with SGP.23 v1.16</u>	29 th April 2025	CR11611R01	Added table row to support SGP.22 v2.6 eSIM