

Portée détaillée v.17 de l'attestation N° 1-6707

Detailed scope v.17 of the attestation N° 1-6707

Date de publication / Publish date: 03/10/2026

La portée détaillée concerne les prestations réalisées par :

ICUBE

ICUBE - Laboratoire d'essais							
ELECTRONIQUE, INFORMATIQUE ET TELECOMMUNICATIONS / CARTES A PUCE ET TERMINAUX D'ACCEPTATION / Essais de performance ou d'aptitude à la fonction							
Référence portée générale <i>Flexible scope reference</i>	Objet <i>Object</i>	Caractéristiques mesurées ou recherchées <i>Properties measured</i>	Principe de la méthode <i>Principle of the method</i>	Référence de la méthode <i>Reference of the method</i>	Principaux moyens utilisés <i>Equipment/techniques used</i>	Nature d'essai <i>Type of test</i>	Paramètres adaptables <i>Adaptable parameters</i>
1	PICC (proximity integrated circuit card)	Functional check	Exposition to a simulated electrostatic discharge	ISO/IEC 10373-1:2020	ESD gun	Physical test (ISO/IEC 7818 Physical characteristics) - Electrostatic stress test (ESS)	
1	eMRTD (electronic machine readable travel documents)	Functional check	Exposition to a simulated electrostatic discharge	ISO/IEC 18745-2:2016 ISO/IEC 18745-2:2021	ESD gun	Physical test (ISO/IEC 14443-1 parameters) - Static electricity test (ESD)	
1	PICC (proximity integrated circuit card)	Functional check	Exposition to alternating magnetic field	ISO/IEC 10373-6:2020	Test PCD assembly (with calibration coil) Contactless emulator (RF power with amplifier) Oscilloscope Test software	Physical test (ISO/IEC 14443-1 parameters) - Alternating magnetic field	

ELECTRONIQUE, INFORMATIQUE ET TELECOMMUNICATIONS / CARTES A PUCE ET TERMINAUX D'ACCEPTATION / Essais de performance ou d'aptitude à la fonction

Référence portée générale <i>Flexible scope reference</i>	Objet <i>Object</i>	Caractéristiques mesurées ou recherchées <i>Properties measured</i>	Principe de la méthode <i>Principle of the method</i>	Référence de la méthode <i>Reference of the method</i>	Principaux moyens utilisés <i>Equipment/techniques used</i>	Nature d'essai <i>Type of test</i>	Paramètres adaptables <i>Adaptable parameters</i>
1	Public Transport object	Functional check	Exposition to alternating magnetic field	ISO/IEC TS 24192-2:2021 STA Contactless Interface Certification for Public Transport Products - Technical Guidelines v3.3	Test PCD assembly (with calibration coil) Contactless emulator (RF power with amplifier) Oscilloscope Test software	Physical test (ISO/IEC 14443-1 parameters) - Alternating magnetic field	
1	eMRTD (electronic machine readable travel documents)	Functional check	Exposition to alternating magnetic field	ISO/IEC 18745-2:2016 ISO/IEC 18745-2:2021	Test PCD assembly (with calibration coil) Contactless emulator (RF power with amplifier) Oscilloscope Test software	Physical test (ISO/IEC 14443-1 parameters) - Alternating magnetic field	
1	PCD (proximity coupling device)	Higher generated field	Explore the field value in any possible position	ISO/IEC 10373-6:2020	Test PCD assembly (with calibration coil) Contactless emulator (RF power with amplifier) Oscilloscope Reference PICC Test software	Physical test (ISO/IEC 14443-1 parameters) - Alternating magnetic field	
1	Public Transport reader	Higher generated field	Explore the field value in any possible position	CEN/TS 16794-2:2017 STA Contactless Interface Certification for Public Transport Products - Technical Guidelines v2.4	Test PCD assembly (with calibration coil) Contactless emulator (RF power with amplifier) Oscilloscope Reference PICC Test software	Physical test (ISO/IEC 14443-1 parameters) - Alternating magnetic field	

ELECTRONIQUE, INFORMATIQUE ET TELECOMMUNICATIONS / CARTES A PUCE ET TERMINAUX D'ACCEPTATION / Essais de performance ou d'aptitude à la fonction

Référence portée générale <i>Flexible scope reference</i>	Objet <i>Object</i>	Caractéristiques mesurées ou recherchées <i>Properties measured</i>	Principe de la méthode <i>Principle of the method</i>	Référence de la méthode <i>Reference of the method</i>	Principaux moyens utilisés <i>Equipment/techniques used</i>	Nature d'essai <i>Type of test</i>	Paramètres adaptables <i>Adaptable parameters</i>
1	Public Transport reader	Higher generated field	Explore the field value in any possible position	ISO/IEC 24192-2:2021 STA Contactless Interface Certification for Public Transport Products - Technical Guidelines v3.3	Test PCD assembly (with calibration coil) Contactless emulator (RF power with amplifier) Oscilloscope Reference PICC Test software	Physical test (ISO/IEC 14443-1 parameters) - Alternating magnetic field	
1	eMRTD Reader	Higher generated field	Explore the field value in any possible position	ISO/IEC 18745-2:2016	Test PCD assembly (with calibration coil) Contactless emulator (RF power with amplifier) Oscilloscope Reference PICC Test software	Physical test (ISO/IEC 14443-1 parameters) - Alternating magnetic field	
1	eMRTD (electronic machine readable travel documents)	Physical coil dimensions	Measure of antenna	ISO/IEC 18745-2:2016 ISO/IEC 18745-2:2021	Caliper	Physical test (ISO/IEC 14443-1 parameters) - "Class 1" verification test	
1	PICC (proximity integrated circuit card)	Physical coil dimensions	Measure of antenna	ISO/IEC 10373-6:2020	Caliper	Physical test (ISO/IEC 14443-1 parameters) - "Class 1" verification test	
1	Public Transport object	Physical coil dimensions	Measure of antenna	ISO/IEC TS 24192-2:2021 STA Contactless Interface Certification for Public Transport Products - Technical Guidelines v3.3	Caliper	Physical test (ISO/IEC 14443-1 parameters) - "Class 1" verification test	

ELECTRONIQUE, INFORMATIQUE ET TELECOMMUNICATIONS / CARTES A PUCE ET TERMINAUX D'ACCEPTATION / Essais de performance ou d'aptitude à la fonction

Référence portée générale <i>Flexible scope reference</i>	Objet <i>Object</i>	Caractéristiques mesurées ou recherchées <i>Properties measured</i>	Principe de la méthode <i>Principle of the method</i>	Référence de la méthode <i>Reference of the method</i>	Principaux moyens utilisés <i>Equipment/techniques used</i>	Nature d'essai <i>Type of test</i>	Paramètres adaptables <i>Adaptable parameters</i>
2	PICC (proximity integrated circuit card)	RF (Radio Frequency) characteristics and capability	Emulate a terminal (PCD) behaviour to check card (PICC) behaviour and characteristics under different conditions	ISO/IEC 10373-6:2020	Test PCD assembly (with calibration coil) Contactless emulator (RF power with amplifier) Oscilloscope Reference PICC Climate chamber Test software	Analog tests (ISO/IEC 14443-2 parameters): PICC transmission / PICC reception / operating field strength / Maximum loading effect / EMD (electromagnetic disturbance)	
2	Public Transport object	RF (Radio Frequency) characteristics and capability	Emulate a terminal (PCD) behaviour to check card (PICC) behaviour and characteristics under different conditions	ISO/IEC TS 24192-2:2021 STA Contactless Interface Certification for Public Transport Products - Technical Guidelines v3.3	Test PCD assembly (with calibration coil) Contactless emulator (RF power with amplifier) Oscilloscope Reference PICC Climate chamber Test software	Analog tests (ISO/IEC 14443-2 parameters): PICC transmission / PICC reception / operating field strength / Maximum loading effect / EMD (electromagnetic disturbance)	
2	eMRTD (electronic machine readable travel documents)	RF (Radio Frequency) characteristics and capability	Emulate a terminal (PCD) behaviour to check card (PICC) behaviour and characteristics under different conditions	ISO/IEC 18745-2:2016 ISO/IEC 18745-2:2021	Test PCD assembly (with calibration coil) Contactless emulator (RF power with amplifier) Oscilloscope Reference PICC Climate chamber Test software	Analog tests (ISO/IEC 14443-2 parameters): PICC transmission / PICC reception / operating field strength / Maximum loading effect / EMD (electromagnetic disturbance)	

ELECTRONIQUE, INFORMATIQUE ET TELECOMMUNICATIONS / CARTES A PUCE ET TERMINAUX D'ACCEPTATION / Essais de performance ou d'aptitude à la fonction

Référence portée générale <i>Flexible scope reference</i>	Objet <i>Object</i>	Caractéristiques mesurées ou recherchées <i>Properties measured</i>	Principe de la méthode <i>Principle of the method</i>	Référence de la méthode <i>Reference of the method</i>	Principaux moyens utilisés <i>Equipment/techniques used</i>	Nature d'essai <i>Type of test</i>	Paramètres adaptables <i>Adaptable parameters</i>
2	eMRTD (electronic machine readable travel documents)	RF (Radio Frequency) characteristics and capability	Emulate a terminal (PCD) behaviour to check card (PICC) behaviour and characteristics under different conditions	BSI TR-03105 Part 2 v3.0	Test PCD assembly (with calibration coil) Contactless emulator (RF power with amplifier) Oscilloscope Reference PICC Climate chamber Test software	Analog tests (ISO/IEC 14443-2 parameters): PICC transmission / PICC reception / operating field strength / Maximum loading effect / EMD (electromagnetic disturbance)	
2	PCD (proximity coupling device)	RF (Radio Frequency) characteristics and capability	Emulate a card (PICC) behaviour to check reader (PCD) behaviour and characteristics under different conditions	ISO/IEC 10373-6:2020	Test PCD assembly (with calibration coil) Contactless emulator (RF power with amplifier) Oscilloscope Reference PICC Robot Test software	Analog tests (ISO/IEC 14443-2 parameters): PCD field strength / Modulation index and waveform / Load modulation reception / EMD immunity & recovery (electromagnetic disturbance)	
2	Public Transport reader	RF (Radio Frequency) characteristics and capability	Emulate a card (PICC) behaviour to check reader (PCD) behaviour and characteristics under different conditions	CEN/TS 16794-2:2017 STA Contactless Interface Certification for Public Transport Products - Technical Guidelines v2.4	Test PCD assembly (with calibration coil) Contactless emulator (RF power with amplifier) Oscilloscope Reference PICC Robot Test software	Analog tests (ISO/IEC 14443-2 parameters): PCD field strength / Modulation index and waveform / Load modulation reception / EMD immunity & recovery (electromagnetic disturbance)	

ELECTRONIQUE, INFORMATIQUE ET TELECOMMUNICATIONS / CARTES A PUCE ET TERMINAUX D'ACCEPTATION / Essais de performance ou d'aptitude à la fonction

Référence portée générale <i>Flexible scope reference</i>	Objet <i>Object</i>	Caractéristiques mesurées ou recherchées <i>Properties measured</i>	Principe de la méthode <i>Principle of the method</i>	Référence de la méthode <i>Reference of the method</i>	Principaux moyens utilisés <i>Equipment/techniques used</i>	Nature d'essai <i>Type of test</i>	Paramètres adaptables <i>Adaptable parameters</i>
2	Public Transport reader	RF (Radio Frequency) characteristics and capability	Emulate a card (PICC) behaviour to check reader (PCD) behaviour and characteristics under different conditions	ISO/IEC TS 24192-2:2021 STA Contactless Interface Certification for Public Transport Products - Technical Guidelines v3.3	Test PCD assembly (with calibration coil) Contactless emulator (RF power with amplifier) Oscilloscope Reference PICC Robot Test software	Analog tests (ISO/IEC 14443-2 parameters): PCD field strength / Modulation index and waveform / Load modulation reception / EMD immunity & recovery (electromagnetic disturbance)	
2	eMRTD Reader	RF (Radio Frequency) characteristics and capability	Emulate a card (PICC) behaviour to check reader (PCD) behaviour and characteristics under different conditions	ISO/IEC 18745-2:2016	Test PCD assembly (with calibration coil) Contactless emulator (RF power with amplifier) Oscilloscope Reference PICC Robot Test software	Analog tests (ISO/IEC 14443-2 parameters): PCD field strength / Modulation index and waveform / Load modulation reception / EMD immunity & recovery (electromagnetic disturbance)	
3	PICC (proximity integrated circuit card)	Byte format and framing Initialisation communication and protocol	Emulate reader behavior to check card behavior. Monitor exchanges and measure timings on a digital trace. Check encoding of the frames on a digital trace.	ISO/IEC 10373-6:2020	Test PCD assembly (with calibration coil) Contactless emulator (RF power with amplifier) Oscilloscope Test software	Digital and protocol tests (ISO/IEC 14443-3 & ISO/IEC 14443-4 parameters)	

ELECTRONIQUE, INFORMATIQUE ET TELECOMMUNICATIONS / CARTES A PUCE ET TERMINAUX D'ACCEPTATION / Essais de performance ou d'aptitude à la fonction

Référence portée générale <i>Flexible scope reference</i>	Objet <i>Object</i>	Caractéristiques mesurées ou recherchées <i>Properties measured</i>	Principe de la méthode <i>Principle of the method</i>	Référence de la méthode <i>Reference of the method</i>	Principaux moyens utilisés <i>Equipment/techniques used</i>	Nature d'essai <i>Type of test</i>	Paramètres adaptables <i>Adaptable parameters</i>
3	Public Transport object	Byte format and framing Initialisation communication and protocol	Emulate reader behavior to check card behavior. Monitor exchanges and measure timings on a digital trace. Check encoding of the frames on a digital trace.	ISO/IEC TS 24192-2:2021 STA Contactless Interface Certification for Public Transport Products - Technical Guidelines v3.3	Test PCD assembly (with calibration coil) Contactless emulator (RF power with amplifier) Oscilloscope Test software	Digital and protocol tests (ISO/IEC 14443-3 & ISO/IEC 14443-4 parameters)	
3	eMRTD (electronic machine readable travel documents)	Byte format and framing Initialisation communication and protocol	Emulate reader behavior to check card behavior. Monitor exchanges and measure timings on a digital trace. Check encoding of the frames on a digital trace.	ISO/IEC 18745-2:2016 ISO/IEC 18745-2:2021	Test PCD assembly (with calibration coil) Contactless emulator (RF power with amplifier) Oscilloscope Test software	Digital and protocol tests (ISO/IEC 14443-3 & ISO/IEC 14443-4 parameters)	
3	eMRTD (electronic machine readable travel documents)	Byte format and framing Initialisation communication and protocol	Emulate reader behavior to check card behavior. Monitor exchanges and measure timings on a digital trace. Check encoding of the frames on a digital trace.	BSI TR-03105 Part 2 v3.0	Test PCD assembly (with calibration coil) Contactless emulator (RF power with amplifier) Oscilloscope Test software	Digital and protocol tests (ISO/IEC 14443-3 & ISO/IEC 14443-4 parameters)	

ELECTRONIQUE, INFORMATIQUE ET TELECOMMUNICATIONS / CARTES A PUCE ET TERMINAUX D'ACCEPTATION / Essais de performance ou d'aptitude à la fonction

Référence portée générale <i>Flexible scope reference</i>	Objet <i>Object</i>	Caractéristiques mesurées ou recherchées <i>Properties measured</i>	Principe de la méthode <i>Principle of the method</i>	Référence de la méthode <i>Reference of the method</i>	Principaux moyens utilisés <i>Equipment/techniques used</i>	Nature d'essai <i>Type of test</i>	Paramètres adaptables <i>Adaptable parameters</i>
3	PCD (proximity coupling device)	Byte format and framing check Initialisation and protocol communication check	Emulate reader (PCD) behavior to check card (PICC) behavior. Monitor exchanges and measure timings on a digital trace. Check encoding of the frames on a digital trace.	ISO/IEC 10373-6:2020	Test PCD assembly (with calibration coil) Contactless emulator (RF power with amplifier) Oscilloscope Reference PICC Test software	Digital and protocol tests (ISO/IEC 14443-3 & ISO/IEC 14443-4 parameters)	
3	Public Transport reader	Byte format and framing check Initialisation and protocol communication check	Emulate reader (PCD) behavior to check card (PICC) behavior. Monitor exchanges and measure timings on a digital trace. Check encoding of the frames on a digital trace.	CEN/TS 16794-2:2017 STA Contactless Interface Certification for Public Transport Products - Technical Guidelines v2.4	Test PCD assembly (with calibration coil) Contactless emulator (RF power with amplifier) Oscilloscope Reference PICC Test software	Digital and protocol tests (ISO/IEC 14443-3 & ISO/IEC 14443-4 parameters)	
3	Public Transport reader	Byte format and framing check Initialisation and protocol communication check	Emulate reader (PCD) behavior to check card (PICC) behavior. Monitor exchanges and measure timings on a digital trace. Check encoding of the frames on a digital trace.	ISO/IEC TS 24192-2:2021 STA Contactless Interface Certification for Public Transport Products - Technical Guidelines v3.3	Test PCD assembly (with calibration coil) Contactless emulator (RF power with amplifier) Oscilloscope Reference PICC Test software	Digital and protocol tests (ISO/IEC 14443-3 & ISO/IEC 14443-4 parameters)	

ELECTRONIQUE, INFORMATIQUE ET TELECOMMUNICATIONS / CARTES A PUCE ET TERMINAUX D'ACCEPTATION / Essais de performance ou d'aptitude à la fonction

Référence portée générale <i>Flexible scope reference</i>	Objet <i>Object</i>	Caractéristiques mesurées ou recherchées <i>Properties measured</i>	Principe de la méthode <i>Principle of the method</i>	Référence de la méthode <i>Reference of the method</i>	Principaux moyens utilisés <i>Equipment/techniques used</i>	Nature d'essai <i>Type of test</i>	Paramètres adaptables <i>Adaptable parameters</i>
3	eMRTD Reader	Byte format and framing check Initialisation and protocol communication check	Emulate reader (PCD) behavior to check card (PICC) behavior. Monitor exchanges and measure timings on a digital trace. Check encoding of the frames on a digital trace.	ISO/IEC 18745-2:2016	Test PCD assembly (with calibration coil) Contactless emulator (RF power with amplifier) Oscilloscope Reference PICC Test software	Digital and protocol tests (ISO/IEC 14443-3 & ISO/IEC 14443-4 parameters)	

ELECTRONIQUE, INFORMATIQUE ET TELECOMMUNICATIONS / CARTES A PUCE ET TERMINAUX D'ACCEPTATION / Essais de performance ou d'aptitude à la fonction

Référence portée générale <i>Flexible scope reference</i>	Objet <i>Object</i>	Caractéristiques mesurées ou recherchées <i>Properties measured</i>	Principe de la méthode <i>Principle of the method</i>	Référence de la méthode <i>Reference of the method</i>	Principaux moyens utilisés <i>Equipment/techniques used</i>	Nature d'essai <i>Type of test</i>	Paramètres adaptables <i>Adaptable parameters</i>
4	eMRTD (electronic machine readable travel documents)	Functionnal implementation check	Verification of the content of the command-responses exchanged. Verification of the means of data recovery. Verification of the structure of the application and its data. Verification of methods of access to files and data. Verification of security conditions to access files and data. Verification of the conditions of access to the algorithms executed by the application. Verification of the methods of securing the command-responses exchanged	ICAO TR : RF PROTOCOL AND APPLICATION TEST STANDARD FOR e-MRTD - PART 3 Version 3.0	Test PCD assembly (with calibration coil) Contactless emulator (RF power with amplifier) Oscilloscope or PC/SC reader Test software	Application tests	

ELECTRONIQUE, INFORMATIQUE ET TELECOMMUNICATIONS / CARTES A PUCE ET TERMINAUX D'ACCEPTATION / Essais de performance ou d'aptitude à la fonction

Référence portée générale <i>Flexible scope reference</i>	Objet <i>Object</i>	Caractéristiques mesurées ou recherchées <i>Properties measured</i>	Principe de la méthode <i>Principle of the method</i>	Référence de la méthode <i>Reference of the method</i>	Principaux moyens utilisés <i>Equipment/techniques used</i>	Nature d'essai <i>Type of test</i>	Paramètres adaptables <i>Adaptable parameters</i>
4	eMRTD (electronic machine readable travel documents)	Functionnal implementation check	Verification of the content of the command-responses exchanged. Verification of the means of data recovery. Verification of the structure of the application and its data. Verification of methods of access to files and data. Verification of security conditions to access files and data. Verification of the conditions of access to the algorithms executed by the application. Verification of the methods of securing the command-responses exchanged	ICAO TR : RF PROTOCOL AND APPLICATION TEST STANDARD FOR e-MRTD - PART 3 Version 3.2	Test PCD assembly (with calibration coil) Contactless emulator (RF power with amplifier) Oscilloscope or PC/SC reader Test software	Application tests	

ELECTRONIQUE, INFORMATIQUE ET TELECOMMUNICATIONS / CARTES A PUCE ET TERMINAUX D'ACCEPTATION / Essais de performance ou d'aptitude à la fonction

Référence portée générale <i>Flexible scope reference</i>	Objet <i>Object</i>	Caractéristiques mesurées ou recherchées <i>Properties measured</i>	Principe de la méthode <i>Principle of the method</i>	Référence de la méthode <i>Reference of the method</i>	Principaux moyens utilisés <i>Equipment/techniques used</i>	Nature d'essai <i>Type of test</i>	Paramètres adaptables <i>Adaptable parameters</i>
4	Driving licence	Functionnal implementation check	Verification of the content of the command-responses exchanged. Verification of the means of data recovery. Verification of the structure of the application and its data. Verification of methods of access to files and data. Verification of security conditions to access files and data. Verification of the conditions of access to the algorithms executed by the application. Verification of the methods of securing the command-responses exchanged	ISO/IEC18013-4:2019	Test PCD assembly (with calibration coil) Contactless emulator (RF power with amplifier) Oscilloscope or PC/SC reader Test software	Application tests	

ELECTRONIQUE, INFORMATIQUE ET TELECOMMUNICATIONS / CARTES A PUCE ET TERMINAUX D'ACCEPTATION / Essais de performance ou d'aptitude à la fonction

Référence portée générale <i>Flexible scope reference</i>	Objet <i>Object</i>	Caractéristiques mesurées ou recherchées <i>Properties measured</i>	Principe de la méthode <i>Principle of the method</i>	Référence de la méthode <i>Reference of the method</i>	Principaux moyens utilisés <i>Equipment/techniques used</i>	Nature d'essai <i>Type of test</i>	Paramètres adaptables <i>Adaptable parameters</i>
4	European Driving licence	Functionnal implementation check	Verification of the content of the command-responses exchanged. Verification of the means of data recovery. Verification of the structure of the application and its data. Verification of methods of access to files and data. Verification of security conditions to access files and data. Verification of the conditions of access to the algorithms executed by the application. Verification of the methods of securing the command-responses exchanged	ISO/IEC TR 19446:2015	Test PCD assembly (with calibration coil) Contactless emulator (RF power with amplifier) Oscilloscope or PC/SC reader Test software	Application tests	

ELECTRONIQUE, INFORMATIQUE ET TELECOMMUNICATIONS / CARTES A PUCE ET TERMINAUX D'ACCEPTATION / Essais de performance ou d'aptitude à la fonction

Référence portée générale <i>Flexible scope reference</i>	Objet <i>Object</i>	Caractéristiques mesurées ou recherchées <i>Properties measured</i>	Principe de la méthode <i>Principle of the method</i>	Référence de la méthode <i>Reference of the method</i>	Principaux moyens utilisés <i>Equipment/techniques used</i>	Nature d'essai <i>Type of test</i>	Paramètres adaptables <i>Adaptable parameters</i>
4	Electronic National Identity Card	Functionnal implementation check	Verification of the content of the command-responses exchanged. Verification of the means of data recovery. Verification of the structure of the application and its data. Verification of methods of access to files and data. Verification of security conditions to access files and data. Verification of the conditions of access to the algorithms executed by the application. Verification of the methods of securing the command-responses exchanged	Electronic National Identity Card - Conformity tests for Digital Identity Application - v1.3	Test PCD assembly (with calibration coil) Contactless emulator (RF power with amplifier) Oscilloscope or PC/SC reader Test software	Application tests	

ELECTRONIQUE, INFORMATIQUE ET TELECOMMUNICATIONS / CARTES A PUCE ET TERMINAUX D'ACCEPTATION / Essais de performance ou d'aptitude à la fonction

Référence portée générale <i>Flexible scope reference</i>	Objet <i>Object</i>	Caractéristiques mesurées ou recherchées <i>Properties measured</i>	Principe de la méthode <i>Principle of the method</i>	Référence de la méthode <i>Reference of the method</i>	Principaux moyens utilisés <i>Equipment/techniques used</i>	Nature d'essai <i>Type of test</i>	Paramètres adaptables <i>Adaptable parameters</i>
4	French Electronic National Identity Card	Functionnal implementation check	Verification of the content of the command-responses exchanged. Verification of the means of data recovery. Verification of the structure of the application and its data. Verification of methods of access to files and data. Verification of security conditions to access files and data. Verification of the conditions of access to the algorithms executed by the application. Verification of the methods of securing the command-responses exchanged	Conformity tests for French Electronic National Identity Card v1.3	Test PCD assembly (with calibration coil) Contactless emulator (RF power with amplifier) Oscilloscope or PC/SC reader Test software	Application tests	

ELECTRONIQUE, INFORMATIQUE ET TELECOMMUNICATIONS / CARTES A PUCE ET TERMINAUX D'ACCEPTATION / Essais de performance ou d'aptitude à la fonction

Référence portée générale <i>Flexible scope reference</i>	Objet <i>Object</i>	Caractéristiques mesurées ou recherchées <i>Properties measured</i>	Principe de la méthode <i>Principle of the method</i>	Référence de la méthode <i>Reference of the method</i>	Principaux moyens utilisés <i>Equipment/techniques used</i>	Nature d'essai <i>Type of test</i>	Paramètres adaptables <i>Adaptable parameters</i>
4	Public Transport object	Functionnal implementation check	Verification of the content of the command-responses exchanged. Verification of the means of data recovery. Verification of security conditions to access files and data. Verification of the correct implementation of all the command set using dedicated profiles.	CALYPSO PRIME Functional Test Plan Révision 8	PC/SC reader Test software seured access module (SAM)	Application tests	
4	eMRTD (electronic machine readable travel documents)	PKI (Public Key Infrastructure) certificate check	Verification of certificate structure, content and cryptographic properties. Verification of certificate signatures and certificate chains.	ICAO TR: RF PROTOCOL AND APPLICATION TEST STANDARD FOR eMRTD – PART 5 – TESTS FOR PKI OBJECTS – Version 2.0 Chapter 3 Certificate Tests	Test software	Application tests – PKI certificates tests	