



EMC TEST REPORT

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Identification : 195001DK

4 TESTED SYSTEM DETAILS

The equipment tested is a radio frequency identifier (RFID) card intended for use in light industry area and providing reading and encoding features for programming smart cards.

5 EQUIPMENT DESCRIPTION

5.1 Product type:

Radio Frequency Identifier (RFID)

Designation	Manufacturer	S/N	Frequency	Modulation	COMMENTS
US-PICC board	SMARTWARE	1030016	13.56 MHz	Amplitude	
Antenna	SMARTWARE	B V1.02			

5.2 Details

Equipment type	I (messages transmission).
Power class	2 (42dB μ A/m at 10m)
Frequency band	13.553 to 13.567 MHz. Modulation : amplitude from 11 to 100%.
Emitter Class	1 (small inductive loop)
Adjustable power	automatic at system configuration.
Fix frequency	single channel.
Duty cycle	100% in a permanent working
Receiver Class	2 (in case of failure: no risks for persons but no way to do the function manually).
Critical components	Quartz 13.56 MHz
	Antenna: Internal inductive loop of less than 0,1 m ² .

5.3 Ancillary Equipment

For the purposes of this test report, ancillary equipment is defined as equipment which is used in conjunction with the EUT to provide additional operational and control features to the EUT. It is necessary to configure the system in a typical fashion, as a customer would normally use it.:

Thus, as described in exhibit 3 the used ancillary equipment (named ULTRASMART) is a typical application providing feature to read and encode contact or contactless smartcards

Function	Manufacturer	REFERENCE	SERIAL NUMBER	COMMENTS
Backplane	SMARTWARE	US-DSC		
Motherboard	SMARTWARE	US-CORE	UC#0313AA303004A	
Contact board	SMARTWARE	US-ICC	0323 109AA 001C	
Power supply	MEAN WELL	PSU 15A-3	476581	

➤ PC DELL Inspiron Model PPI ; s/n 0009795D-12961-96N-0001; FCC Doc