LCIE SUD EST
Laboratoire de Moirans
Z.I. Centr'Alp
170, Rue de Chatagnon
38430 MOIRANS - FRANCE

GENERAL INFORMATION

FCCID: **2AAW8-MI9450**

1.1. Product description

Benefits

The Series are full-featured continuous inkjet (CIJ) printers designed for demanding manufacturing environments, general purpose as well as very specific applications like high contrast and high performance marking.

Consumables

Designed to print on all types of substrates from standard to specific applications (food grade, sterilization, UV cure, egg coding, etc.); alcohol-based, water-based, ketone-free and MEK-free inks available; wide variety of colors.
RFID is used to recognize and validate the consumables.

Substrates

Plastics, glass, metal, cardboard and directly onto food.

Markets

Food, beverage, cosmetics, toiletries, electrical equipment, electronics, cables, tubes and profiles.

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1.2. Tested System Details

Power supply:
During all the tests, EUT is supplied by V_{nom}: 110VAC
For measurement with different voltage, it will be presented in test method.

Name	Type	Rating	Reference / Sn	Comments
Supply1	☑ AC ☐ DC ☐ Battery	100-240VAC 50-60HZ	-	-

Inputs/outputs - Cable:

Access	Type	Length used (m)	Declared <3m	Shielded	Under test	Comments
Supply1	3 wires	2	☐	☐	☑	
Tachymeter input	-	5	☐	☐	☑	
Proximity cell input	-	6	☐	☐	☑	
Status beacon input	-	5	☐	☐	☑	
Printing head	-	3	☐	☑	☑	

Auxiliary equipment used during test:

Type	Reference	Sn	Comments
Proximity cells	A35355/B	-	-
Beacon PATLITE	FB194	-	Model MP-02C
Tachymeter	A35356	B11140B404	-

Equipment information:

Frequency band:	☑ [13.553–13.567]MHz	☐ [125]kHz	☐ [-] MHz	
Sub-band REC7003:	☑ Annex 9 (j)	☐ Annex 9 (a3)	☐ Annex ( )	
RF mode:	☐ Transmitter	☑ Transceiver	☐ Receiver	☐ Standby
Type:	☑ RFID	☐ EAS	☐ Other:	
Bandwidth:	☐ Narrowband (ISO15693, ISO18000-3…)		☑ Wideband (ISO14443, NFC…)	
Product class – Annex B.2	☑ 1	☐ 2	☐ 3	☐ 4
Channelized system:	☑ No	☐ Yes, channel spacing: kHz		
Equipment intended for use as a	☑ Fixed	☐ Mobile	☐ Portable	
Type of equipment:	☑ Stand-alone	☐ Plug-in	☐ Combined	
Antenna Type:	☐ External		☑ Internal	
Antenna connector:	☐ Permanent external	☑ Permanent internal	☐ None	☐ Temporary (only for tests)
Antenna Gain:	NC dBi			
Duty cycle:	☑ Continuous duty	☐ Intermittent duty	☐ Continuous operation	
Equipment type:	☑ Production model		☐ Prototype	
Temperature range:	Tmin:	☐ -20°C	☐ 0°C	☑ +5 °C
	Tnom:	20°C		
	Tmax:	☐ 35°C	☐ 55°C	☑ +45 °C
Type of power source:	☑ AC power supply	☐ DC power supply	☐ Battery (Select type)	
Test source voltage:	Vmin:	☑ 93.5V/60Hz	☐ VDC	
	Vnom:	☑ 110V/60Hz	☐ VDC	
	Vmax	☑ 126V/60Hz	☐ VDC	

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1.3. Test Methodology

Both conducted and radiated testing were performed according to the procedures in ANSI C63.4 or ANSI C63.10, FCC Part 15 Subpart C.
Radiated testing was performed at an antenna to EUT distance of 10 meters. During testing, all equipment's and cables were moved relative to each other in order to identify the worst case set-up.

1.4. Test facility

Tests have been performed **August 24, 2018 to August 30, 2018**.

This test facility has been fully described in a report and accepted by FCC as compliant with the radiated and AC line conducted test site criteria in ANSI C63.4 and ANSI C63.10.
This test facility has also been accredited by COFRAC (French accreditation authority for European Union test lab accreditation organization) according to NF EN ISO/IEC 17025, as compliant with test site criteria and competence in 47 CFR Part 15/ANSI C63.4 and EN55022/CISPR22 norms for 89/336/EEC European EMC Directive application. All pertinent data for this test facility remains unchanged.