



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

GENERAL INFORMATION

FCCID: 2AAW8-MI9450C

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.

Data sheet of equipment

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LCIE**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	<input checked="" type="checkbox"/> AC <input type="checkbox"/> DC <input type="checkbox"/> Battery	100-240VAC 50-60HZ	-	-

Inputs/outputs - Cable:

Access	Type	Length used (m)	Declared <3m	Shielded	Under test	Comments
Supply1	3 wires	2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Tachymeter input	-	5	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Proximity cell input	-	6	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Status beacon input	-	5	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Printing head	-	3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

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