



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.

1.2. Tested System Details

The FCC IDs for all equipment, plus description of all cables used in the tested system are:

The system was configured for testing in a typical fashion (as a customer would normally use it). Printers 9450c, 9450Sc and 9450Ec are same electronics, differences are:

1. Pressurization of the print head by internal compressed air to the printer, air-network customer or by autonomous compressor provided inside the printer.
2. Software:
 - 9450Sc has the same software as 9450c except more algorithms.
 - 9450Ec has the same software as 9450Sc except specific user interface.

All tests are performed on 9450c with RFID ON, worst case.

- Internal max frequencies: 400MHz

Power supply:

Name	Type	Rating	Reference / Sn	Comments
Power supply	<input type="checkbox"/> AC <input type="checkbox"/> DC <input type="checkbox"/> Battery	100V-240V 50-60Hz	/	/



Inputs/outputs - Cable:

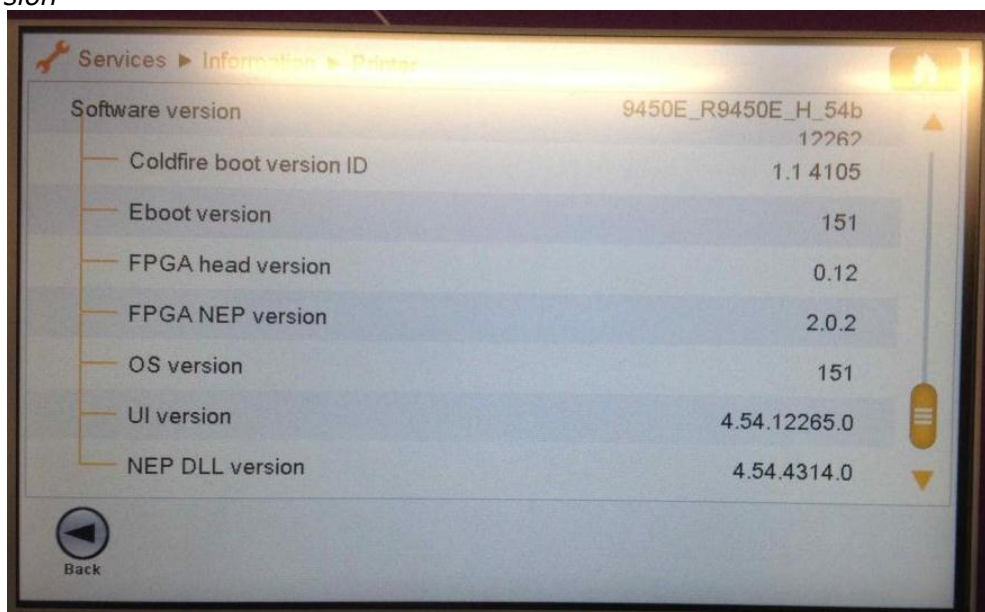
Access	Type	Length used (m)	Declared <3m	Shielded	Under test	Comments
Power supply	3 wires	2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Tachymeter input	/	5	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Proximity cell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

Auxiliary equipment used during test:

Type	Reference	Sn	Comments
Proximity cells	A35355B	/	/
Beacon PATLITE	A34792	/	Model MP
Tachymeter	A35356	/	/

Continuous printing message 32 + 24 dots and reading in loop of 2 TAGs ink and additive cartridge.

Firmware-version





1.3. Test Methodology

Both conducted and radiated testing were performed according to the procedures in ANSI C63.4-2003, 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 from March 24th to 30th, 2015.

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 C63.4-2003 in a letter dated March 25th, 2008 (registration number 94821).

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, accreditation number 1-1633 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.