



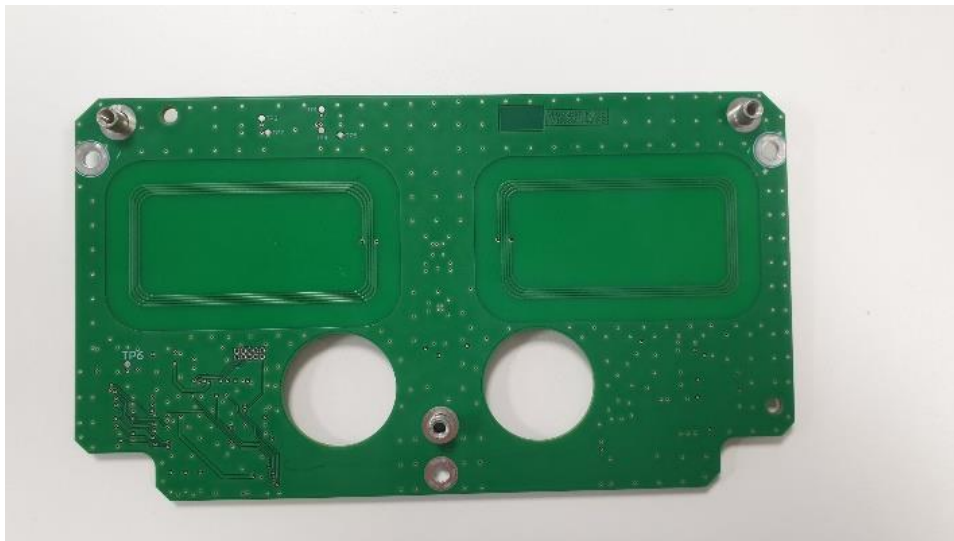
LCIE SUD EST
Laboratoire de Moirans
Z.I. Centr'Alp
170, Rue de Chatagnon
38430 MOIRANS - FRANCE

GENERAL INFORMATION

FCCID: 2AAW8-RMCIJ1

1.1. Product description

Markem-Imaje RFID module RMCIJ1



RMCIJ1 is a RFID module integrated in Markem-Imaje CIJ printers which ensures the authenticity and reliability of ink and additive cartridges

An RFID tag is fitted to each ink cartridge and contains the set-up information of the cartridge as required by the printer.

Thanks to this RFID module, the printer reads the RFID tag during the calibration process and 'pairs' with the cartridge.

Technical features

RFID radio frequency : 13.56MHz

Electrical Rating: 5V, 25 mW

Operating temperature: 0°C to +50°C (+32°F to +122°F)

Storage temperature: -10°C to +55°C (14°F to 131°F)

RFID module weight: 50 g

Integrated Antenna dimensions : 25 mm x 50 mm

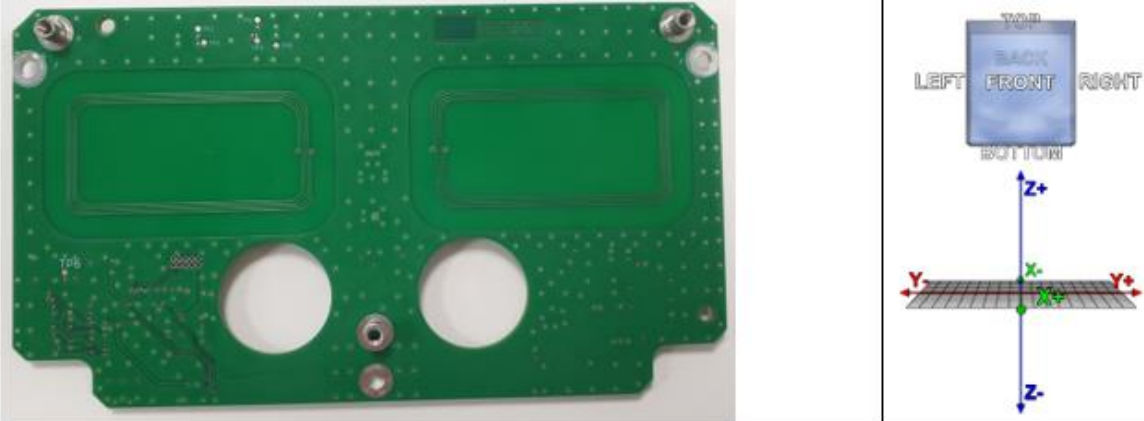
Not sold separately, only integrated in Markem-Imaje CIJ printers.



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1.2. Tested System Details

Equipment under test (EUT):

Model under test:	RMCIJ1
Serial Number:	G123291187
	
Dimensions:	15cm x 8.5cm x 1cm (Length x Width x Height)
Type:	Table-Top

Power supply:

Name	Type	Rating	Reference / Sn	Comments
Supply1	USB	5V	-	-

Inputs/outputs - Cable:

Access	Type	Length used (m)	Declared <3m	Shielded	Comments
Supply1	USB	-	-	-	-

NC: Not communicated by provider

Auxiliary equipment used during test:

Type	Reference	Sn	Comments
Laptop	DELL	-	-
2 x TAG	Markem-Imaje A54691	-	-
Plastic case	Markem-Imaje 10110687	-	-
Interface board	Markem-Imaje 10113878	-	-
USB UART Cable	-	-	-

1.3. Test Methodology

Both conducted and radiated testing were performed according to the procedures in ANSI C63.4 or/and ANSI C63.10, FCC Part 15 SubPart 15C.

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.



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1.4. Test facility

Tests have been performed: **March 20, 2024 to March 22, 2024**

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 or/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 EN55032/CISPR32 norms for 89/336/EEC European EMC Directive application. All pertinent data for this test facility remains unchanged.