IF 750 Integration

INTEGRATION MANUAL

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Declarations

IF 750 NFC Module declarations

➢ This module is designed exclusively for integration in **-ebro-®** measuring instruments.

➢ This module is currently installed in the IF 750

➢ This module is designed for use in USB powered devices

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IF 750 NFC Module FCC Information

FCC notes for a host subject to Supplier's Declaration of Conformity (SDoC) and/or Certification
For a host device assembled with the certified module and subject to Supplier's Declaration of Conformity for 47 CFR Part 15 class B digital devices or to Certification, the following statements have to be included in the user manual and the host device has to be labelled as noted below.
If the host device is subject to other authorization procedures or parts, the appropriate requirements of these authorization procedures or parts apply.

The end device must be labeled with (for details see §15.212):
Contains FCC ID: VQ5-NFCMODULE2

Labelling requirements (on end device or in user manual, for details see §15.19):
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause
    undesired operation.

Information to the user (in user manual if subject to SDoC, for details see §15.105):
Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reason-able protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be deter-mined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
• Reorient or relocate the receiving antenna.
• Increase the separation between the equipment and receiver.
• Connect the equipment into an outlet on a circuit different from that to which the Receiver is connected.
• Consult the dealer or an experienced radio/TV technician for help.

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IF 750 NFC Module FCC Information

Modification of equipment (in user manual, for details see §15.21):
The instruction manual of the host shall include the following statement:
Changes or modifications made to this equipment not expressly approved by the party responsible for compliance may void the FCC authorization to operate this equipment.

Special accessories (in user manual, for details see §15.27):
Where special accessories such as shielded cables and/or special connectors are required to comply with the emission limits, the instruction manual shall include appropriate instructions on the first page of the text describing the installation of the device.

RF exposure statement (in user manual):
This device complies with the RF exposure requirements for mobile and fixed devices. However, the device shall be used in such a manner that the potential for human contact during normal operation is minimized.

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IF 750 NFC Module IC Information

ISED notes for a host subject to Supplier's Declaration of Conformity (SDoC) and/or Certification
For a host device assembled with the certified module and subject to Supplier's Declaration of Conformity or to Certification, the following statements have to be included in the user manual and the host device has to be labelled as noted below.
According to RSS-Gen, the device does not need to comply with the labelling requirements of the applicable ICES.
Therefore, there are no additional requirements regarding labelling if SDoC applies to the host.
If the host device is subject to other authorization procedures, the appropriate requirements of these authorization procedures apply.

The end device must be labeled with (for details see RSS-Gen):
Contains IC: 7412A-NFCMODULE2

User manual notice (in user manual, for details see RSS-Gen and CNR-Gen):
This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:
(1) This device may not cause interference.
(2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :
1) L'appareil ne doit pas produire de brouillage;
2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

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IF 750 NFC Module Label

IF 750 NFC Module Label

Part No.

Description

Version

FCC ID

IC ID
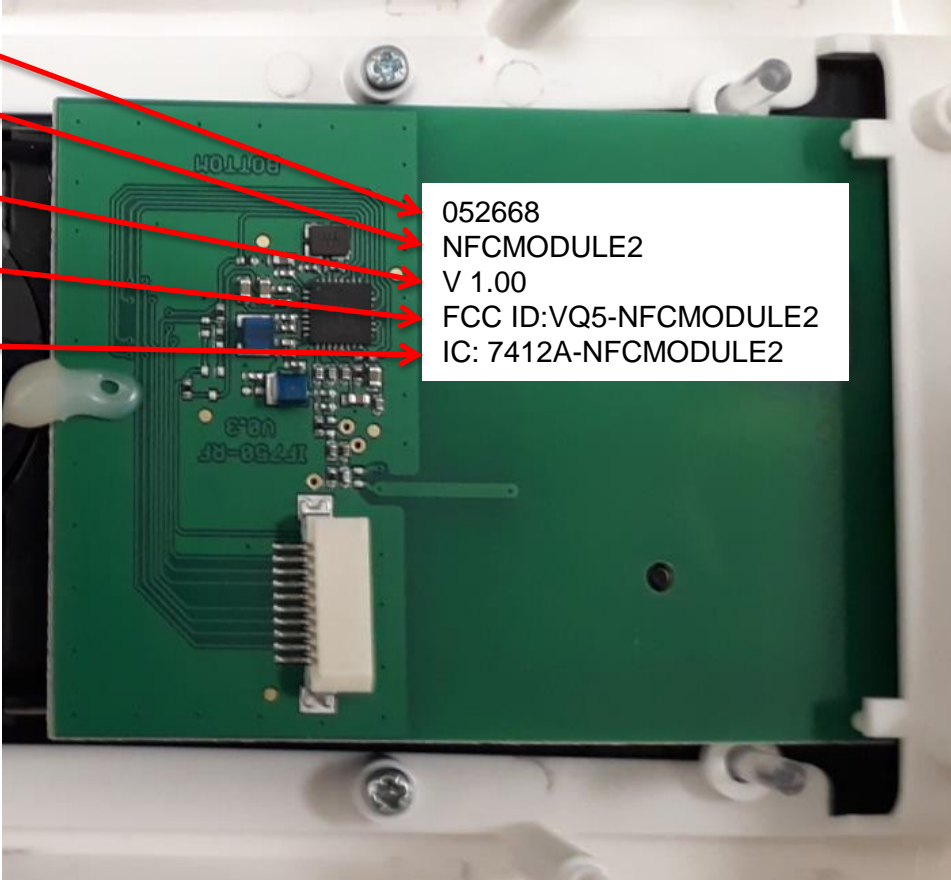
052668
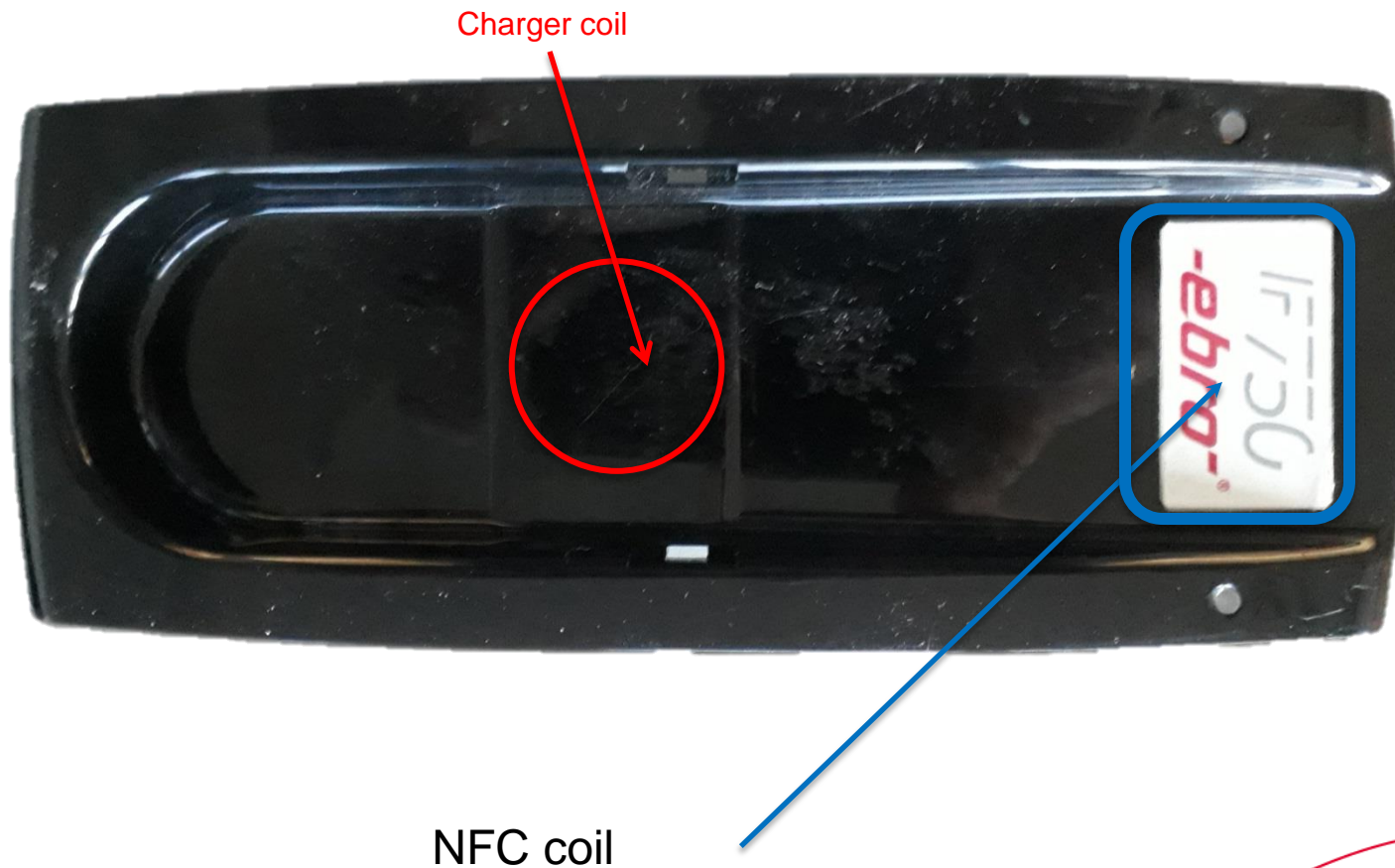NFCMODULE2
V 1.00
FCC ID:VQ5-NFCMODULE2
IC: 7412A-NFCMODULE2

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IF 750 NFC Module Positioning

IF 750 NFC Module Positioning

Position

- The NFC module is in the area of the label under the housing front side

Charger coil

NFC coil

IF 750 NFC Module Positioning

Position

- The NFC module is in the area of the label under the housing front side

Charger coil
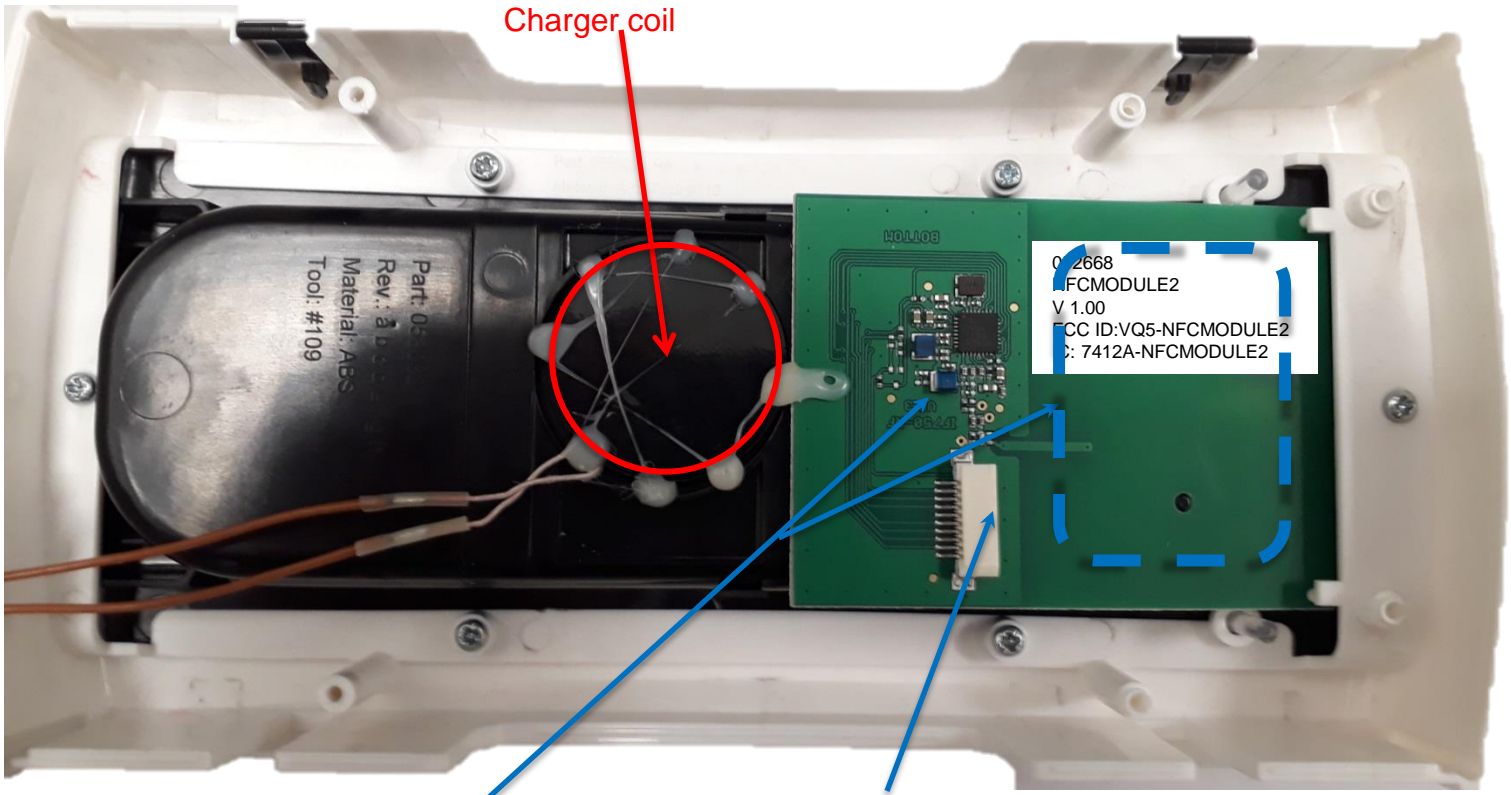
NFC module

NFC Module pluggable, connected via ribbon cable with ferrite

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IF 750 NFC Module Positioning

Position

- The NFC module is in the area of the label under the housing front side

Charger coil

Antenna and circuit NFC module

Mainboard

Ethernet connector

USB connector
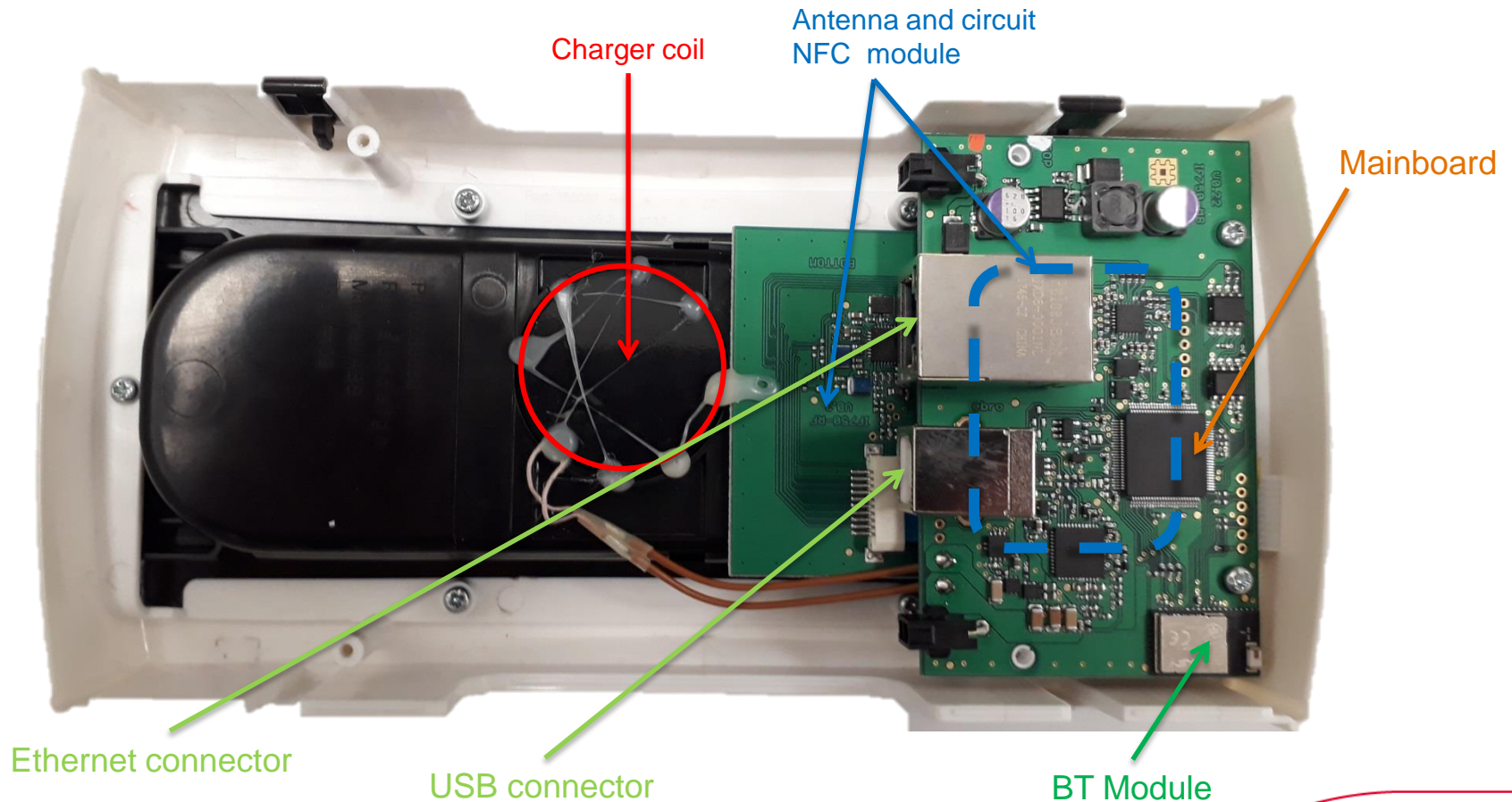
BT Module

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IF 750
Device Label and Location

IF 750 Device Label and Location

Model: TLC750 System
HVIN: IF750 PMN: IF750 *-ebro-* ®

FCC ID: VQ5-IF750
Contains FCC ID: VQ5-NFCMODULE2   Contains FCC ID: QOQBGM113
IC: 7412A-IF750
Contains IC: 7412A-NFCMODULE2   Contains IC: 5123A-BGM113

Xylem Analytics Germany GmbH, Dr.-Karl-Slevogt-Str. 1, D-82362 Weilheim

This device complies with part 15 of the   Wireless Charger LED
FCC Rules. Operation is subject to the
following two conditions: Flashing green: charging
(1) This device may not cause harmful   Green: battery charged
interference, and,
(2) This device must accept any   Interface Status LED
interference received including
interference that may cause undesired   Green: USB or Network connected
operation.   Yellow: Data transfer active
                                                Red: No USB or Network con.
                                                Blue: Bluetooth connected

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www.ebro.com
SN XXXXXXXX

5 VDC
min. 500 mA
RoHS   Barcode 2/5 Interleaved   For use in dry rooms only

CE

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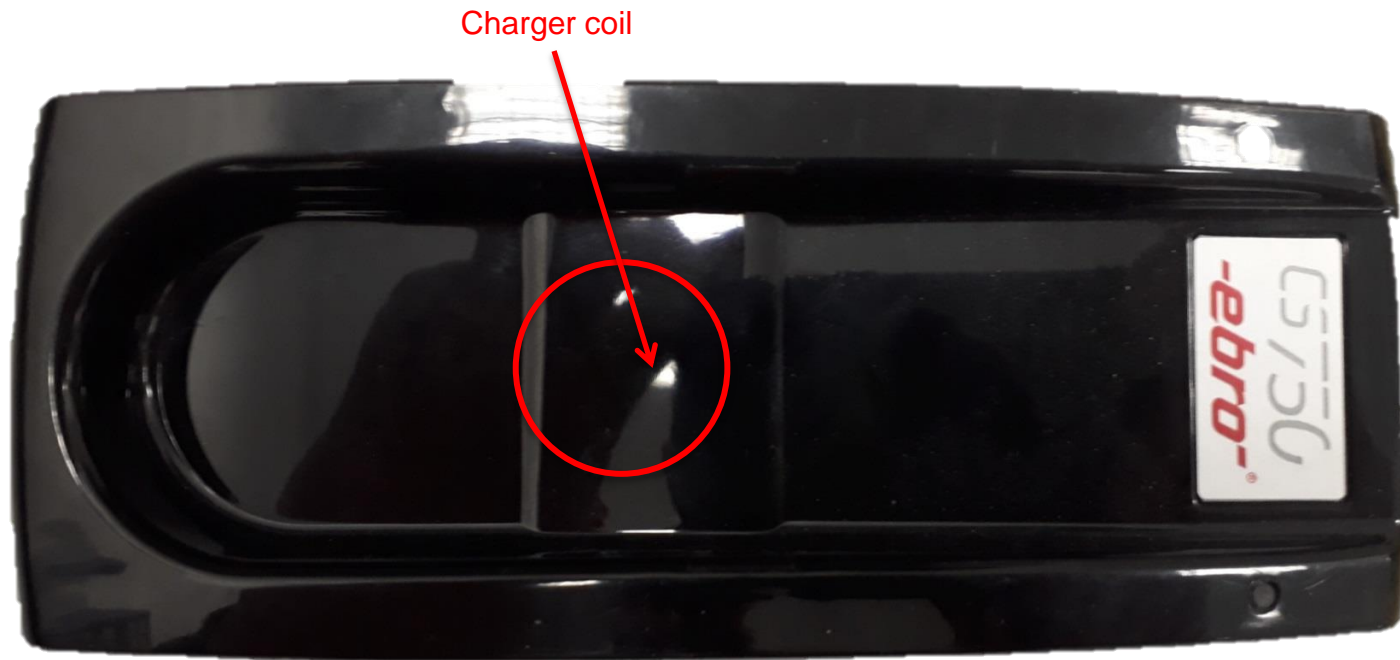# Additional Versions
of IF 750

Additional Versions of IF 750

➢ Currently, CS 750 is the only additional version of IF 750

➢ CS 750 does neither contain NFC nor BT module

➢ WPT part of CS 750 is identical to IF 750

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CS 750 WPT Part Positioning

Position

- No NFC module, no BT module
- Only charger coil

Charger coil

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CS 750 WPT Part Positioning

Position

- No NFC module, no BT module
- Only charger coil

Charger coil

Mainboard
(population variant)

USB connector
only power supply
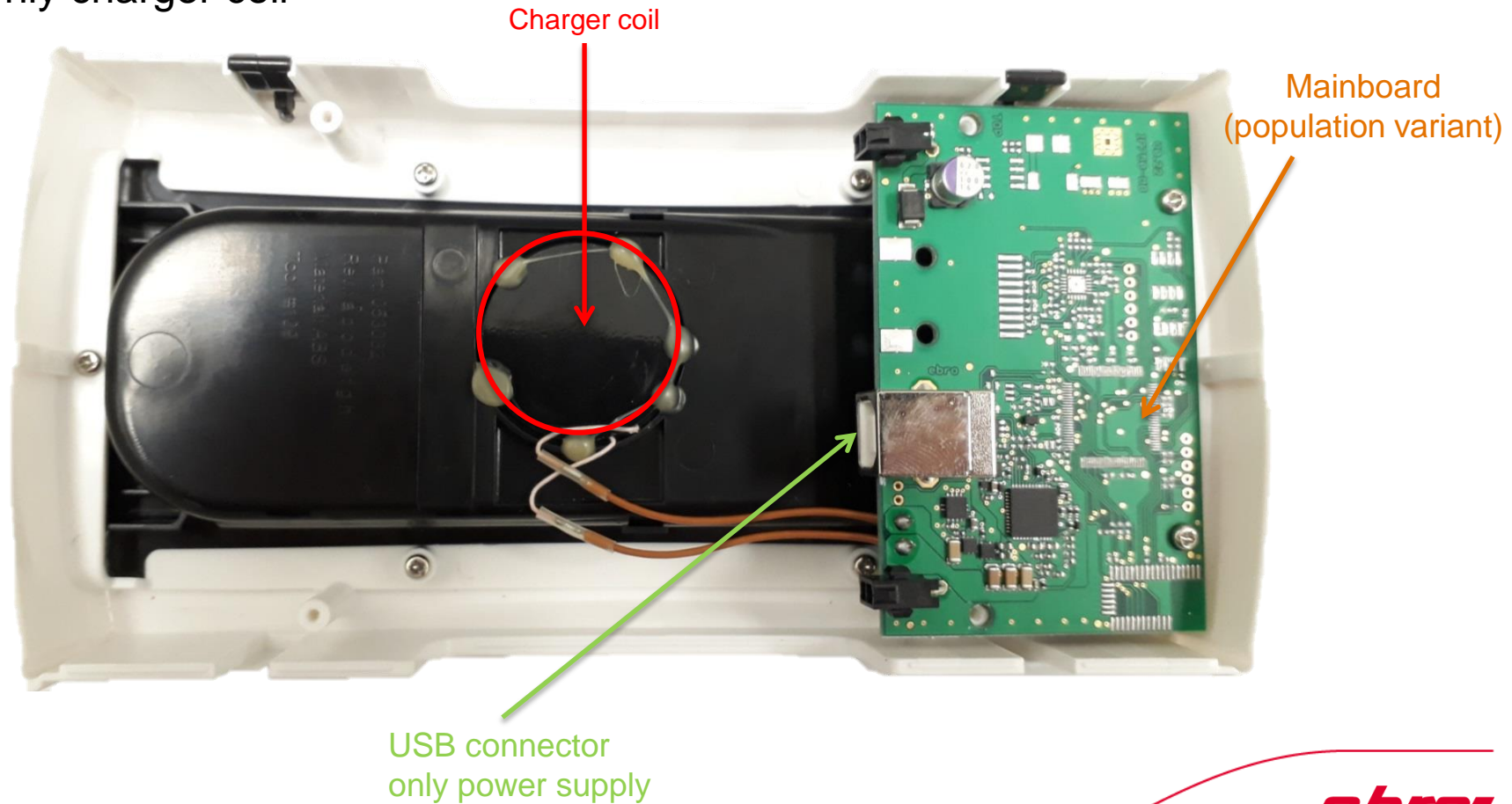
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CS 750 Device Label and Label Location
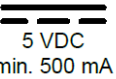
Model: TLC750 System
HVIN: IF750 PMN: CS750 -ebro-®
FCC ID: VQ5-IF750
IC: 7412A-IF750

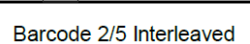Xylem Analytics Germany GmbH, Dr.-Karl-Slevogt-Str. 1, D-82362 Weilheim

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and,
(2) This device must accept any interference received including interference that may cause undesired operation.

Wireless Charger LED
Flashing green: charging
Green: battery charged

5 VDC
min. 500 mA
RoHS
CE

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Barcode 2/5 Interleaved

For use in dry rooms only

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