

Xylem Analytics Germany GmbH · ebro · 85055 Ingolstadt

Ansprechpartner: R. Streller
Abteilung: R&D

PHOENIX TESTLAB GmbH
Product Certification Department
Königswinkel 10

Tel.: +49 841 954 78 76
Fax: +49 841 954 78 80
E-Mail: robert.streller@xyleminc.com

D 32825 Blomberg

Datum: 21.10.2019



SI Analytics®

-ebro®



are brands of Xylem Inc. or one of its subsidiaries.

Attn: Reviewing Engineer

Subject: REQUEST FOR FCC Part 15 MODULAR TRANSMITTER APPROVAL
FCC ID: VQ5-TLC750NFC

We, *Xylem Analytics Germany GmbH*, hereby request ☐ a modular / ☒ limited modular approval.

In CFR47 §15.212 "Modular Transmitters" and KDB 996369 D01 "Module Equip Auth Guide" there are following eight numbered requirements defined:

1. The radio elements must have the radio frequency circuitry shielded. Physical components and tuning capacitor(s) may be located external to the shield, but must be on the module assembly.

Not applicable. Module will only be installed by manufacturer. Host specific limited modular approval applied.

2. The modular transmitter must have buffered modulation/data inputs (if such inputs are provided) to ensure that the module will comply with part 15 requirements under conditions of excessive data rates or over-modulation.

NFC Transceiver IC TRF7970A includes a buffered data input.

3. The modular transmitter must have its own power supply regulation on the module.

The modular transmitter is supplied by an integrated voltage supply regulator system which is integrated in NFC Transceiver IC TRF7970A.

4. The module must contain a permanently attached antenna, or contain a unique antenna connector, and be marketed and operated only with specific antenna(s), per §§ 15.203, 15.204(b), 15.204(c), 15.212(a), 2.929(b).

The module has a permanently attached PCB antenna.

5. The module must demonstrate compliance in a stand-alone configuration.

Not applicable. Module was tested in host. Host specific modular approval applied.

6. The modular transmitter must be equipped with either a permanently affixed label or must be capable of electronically displaying its FCC identification number (KDB 784748).

The modular transmitter is equipped with a permanently affixed label.

7. The modular transmitter must comply with any specific rule or operating requirements applicable to the transmitter and the manufacturer must provide adequate instructions along with the module to explain any such requirements

See integration manual.

8. The modular transmitter must comply with any applicable RF exposure requirements in its final configuration.

RFID Reader according to part 15.225 are categorically exempted.

Signatory
(signature of the applicant)