

FCC EXEMPTION CONFIRMATION LETTER

1 Content

Document number: 37-001-I06

Version: D1V1-F

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This document contains a summary of the reasons why the products of STAR ELECTRONICS GmbH & Co. KG meet the exemption criteria of FCC regulation 47 CFR § 15.103(c).

1.1 Products without intentional radiators

FCC Regulatory Basis

According to FCC regulation 47 CFR § 15.103(c), the following category of equipment is exempt: *“A digital device used exclusively as industrial, commercial, or medical test equipment.”*

Exemption Justification

The products listed in the table below meet the exemption criteria based on the following:

1. Exclusive Use as Test Equipment
 - a. The devices are intended solely for testing, analysis, simulation, evaluation, or development activities within industrial or commercial environments.
 - b. The devices are not intended and are not marketed for any use other than industrial test applications.
2. Not Intended as a General-Purpose or Consumer Device.
3. Operation by qualified personnel.

Conclusion

No FCC SDoC or Part 15 Subpart B testing is required for the listed products.

General Operating Conditions

The device must not cause harmful interference and must cease operation if interference occurs.

List of products without intentional radiators meeting the exemption criteria

Reference number	Product	Documentation of Exemption Criteria [Document number]
3-00180C01	FL3X Star-S passiv FR	3-00180C01-D04
3-00550A02	FL3X Interface-PMC	3-00550P01-D05
3-0056	FL3X Tiny2 Family	3-00560Z00-D04
3-0088	FL3X Tiny3 Family	3-00880Z01-D01
3-00930A01	FL3X Media 100BASE-T1	3-00930A01-D04
3-00940B01	FL3X Device-PXle	3-00940A01-D10
3-00942A01	FL3X Interface-PXle	3-00940A01-D10
3-00950B01	FL3X Device-PCle	3-00940A01-D10
3-00952A01	FL3X Interface-PCle	3-00940A01-D10
3-01000A01	FL3X Media 1000BASE-T1	3-01000A01-D11
3-01030A01	FL3X Switch 1000BASE-T1	3-01030A01-D11
3-01030A02	FL3X Switch 1000BASE-T1 Rev.2	3-01030A01-D11

Reference number	Product	Documentation of Exemption Criteria [Document number]
3-01030E01	FL3X Switch 1000BASE-T1 H-MTD	3-01030A01-D11
3-01030F01	FL3X Switch 1000BASE-T1 PTP	3-01030F01-D11
3-01100A01	FL3X TAP 1000BASE-T1	3-01100A01-D11
3-01100D01	FL3X TAP 1000BASE-T1 PLUS	3-01100A01-D11
3-01100E01	FL3X TAP 100BASE-T1	3-01100A01-D11
3-01100F01	FL3X TAP 100BASE-T1 PLUS	3-01100A01-D11
3-01110A01	FL3X SFP 1000BASE-T1	3-01110A01-D11

1.2 Products with intentional radiators

FCC Regulatory Basis

According to FCC regulation 47 CFR § 15.103(c), the following category of equipment is exempt: "A digital device used exclusively as industrial, commercial, or medical test equipment."

For intentional radiators, FCC 47 CFR § 15 Part Subpart C is applicable.

Exemption Justification

The products listed in the table below meet the exemption criteria based on the following:

1. Exclusive Use as Test Equipment
 - a. The devices are intended solely for testing, analysis, simulation, evaluation, or development activities within industrial or commercial environments.
 - b. The devices are not intended and are not marketed for any use other than industrial test applications.
2. Not Intended as a General-Purpose or Consumer Device.
3. Operation by qualified personnel.

Compliance Basis

The products combine an exempt digital host device with a fully certified RF module and maintain compliance under the following conditions:

- a) No FCC SDoC or Part 15 Subpart B testing is required for the digital host.
- b) The RF modules retain compliance under their own FCC certification.
- c) All integration rules defined by the manufacturer of the RF module are observed. The modules are installed exactly as certified with no hardware or firmware changes.
- d) Only antennas and maximum antenna gain values listed in the module certification are used.
- e) The host integration complies with 47 CFR § 15.212.
- f) RF exposure remains within limits according to 47 CFR § 2.1091 / 2.1093.

Labeling and User Information

The following labeling and user information requirements apply to the certified RF module:

- The product is labeled with: "Contains FCC ID: XXXXXXXX".
- All labeling and user information requirements associated with the certified RF module are fulfilled.
- Required user information in accordance with 47 CFR § 15.21 is provided.

No FCC labeling requirements apply to the exempt digital portion of the device according to 47 CFR § 15.103.

General Operating Conditions

The device complies with general FCC operational requirements. It may not cause harmful interference and must cease operation if interference occurs.

List of products with intentional radiators meeting the exemption criteria

Reference number	Product	Documentation of Exemption Criteria [Document number]	Used Certified RF module [FCC-ID]
3-00860A01	FL3X Device-S	3-00860A01-D09	2AC7Z-ESPWROOM32UE
3-00862A01	FL3X Interface-S	3-00860A01-D09	2AC7Z-ESPWROOM32UE


Reference number	Product	Documentation of Exemption Criteria [Document number]	Used Certified RF module [FCC-ID]
3-00870A03	FL3X Device-L Rev3	3-00870A01-D19	2AC7Z-ESPWROOM32UE
3-00872A01	FL3X Interface-L	3-00870A01-D19	2AC7Z-ESPWROOM32UE
3-00870S03	FL3X Device-L ² Rev3	3-00870A01-D19	2AC7Z-ESPWROOM32UE
3-00872B01	FL3X Interface-L ²	3-00870A01-D19	2AC7Z-ESPWROOM32UE
3-01040A01	FL3X System-XS	3-01040A01-D11	2ABCB-RPICM4
3-01040C01	FL3X System-XS ²	3-01040A01-D11	2ABCB-RPICM4
3-01050A01	FL3X System-M	3-01050A01-D11	SQG-LWB5PLUS

2 Declaration

We hereby confirm that all products described above are compliant with applicable FCC regulations for

- exempt digital test devices pursuant to 47 CFR § 15.103(c)
- devices combining exempt digital test devices with certified RF modules

Goeppingen, 13 May 2026



Authorized signature general management: Henning Lange, Klaus Heider