

Host Integration Guide

1.1 General:

FCC ID: 2AQQU-EZG0201H

The Module is not intended for general public and integrators.

It is generally for industry / commercial use and must be professionally installed.

The module is limited to installation in mobile applications.

Installation must be controlled and requires special training

According to KDB996369 D03 2.0 INTEGRATION INSTRUCTIONS(2.2-2.12).

1.2 List of applicable FCC rules

This module has been assessed against the following FCC rule:

47 CFR Part 90 Subpart 1

It is applicable to the modular transmitter

1.3 Summary of specific operational use conditions

This transceiver FCC ID: 2AQQU-EZG0201H has been approved by Federal Communications Commission to no other operational use than stated in this document

1.4 Limited module procedures

These instructions are limited to the installation of the transceiver 2AQQU-EZG0201H in the following devices of Schweizer Electronic:

- EZE-L
- EZE-MWA
- HSF-L
- EWK-L
- EWK-L-A

The module complies with FCC 47 CFR Part 90 Subpart 1 and applies for limited modular approval.

1.5 Trace Antenna design

Only to be used with Antennas provided by Schweizer Electronic AG.

See 1.7 for further details.

1.6 RF exposure considerations

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. Host systems shall be installed and operated with a minimum distance of 20cm between the radiator & your body.

1.7 Antennas

Only to be used with the Antennas listed below. Use of any other antenna is prohibited.

Description	Type	Provider	Model	Frequency Band	Gain:
Antenna Red	Gainflex	SEAG	K 7153236	440 – 470MHz	4 dB (bez.) V4 – Strahler, 0Bd
Antenna Blue	Gainflex	SEAG	K7153216	406 - 430MHz	4 dB (bez.) V4 – Strahler, 0Bd

- External antenna connector
- Mode Tx , Rx

1.8 Label and compliance information

Please notice that the FCC identification number is not visible when the module is installed inside the respective device. The outside of the device into which the module is installed does display a label referring to the enclosed module. This exterior label uses the following wording: "FCC ID: 2AQQU-EZG0201H"

1.9 Spurious Emission Limits

Schweizer Electronic AG did perform investigative measurements to confirm that the system does not exceed the spurious emission limits or band edge limits once the module has been installed in the host system

For additional information refer to FCC KDB 996369 D04 Module Integration Guide.

1.10 Host manufacturer & Compliance

Schweizer Electronic AG as host manufacturer refers to FCC KDB 996369 D04 Module Integration Guide recommendations as "best practice" for engineering testing and evaluation in case non-linear interactions generate additional non-compliant limits due to module placement to host components or properties.

The module is limited to OEM installation only. Schweizer Electronic AG as the OEM integrator is responsible for ensuring that the end-user has no manual instruction to remove or install the module. The module must be used only in host devices that meet the FCC/ISED RF exposure category of mobile, which means the device is installed and used at distances of at least 20 cm from persons. The end user manual shall include FCC compliance statements related to the transmitter according to FCC 47 CFR Part 90 Subpart 1.

Schweizer Electronic AG as the host manufacturer is responsible for compliance of the host system with the module installed with all other applicable requirements for the system.

Tests of radiated and conducted emission and spurious emission etc. according to FCC 47 CFR Part 90 Subpart 1 requirements have been conducted successfully.

Schweizer Electronic AG as the host product manufacturer is responsible for compliance with any other FCC rules that apply to the host not covered by the modular transceiver grant of certification.

This modular transceiver is only FCC-authorized for the specific rule parts (47 CFR Part 90 Subpart 1) listed on the grant,

Refer to the minimum antenna gain requirements and antenna type (PCB) that are approved for use with this module detailed in the previous sections. Use of other antennas will require additional certification procedures for the host system with FCC and ISED Canada. This equipment complies with FCC and ISED-Canada radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter except as permitted by FCC and ISED-Canada multiple-transmitter rules.