



Modular Approval Request Letter

Federal Communications Commission
(Authorization and Evaluation Division)
7435 Oakland Mills Road,
Columbia, MD 21046

Attn: To Whom it May Concern / Application Examiner / Review Engineer / Officer in Charge
Re: Request for FCC Modular Approval, FCC ID: QOQ-917AC

Dear Madam or Sir,

We, Silicon Laboratories Finland Oy, a corporation branch and subsidiary of USA-based Silicon Laboratories Inc., validly organized and existing under the laws of Finland, having its principal place of business at Alberga Business Park, Bertel Jungin aukio 3, 02600 Espoo, Finland,

hereby **request** a single-modular approval for the radio equipment referenced above.

The self-contained radiofrequency transmitter device, a Bluetooth Low Energy (LE) and Wi-Fi 6 802.11b/g/n/ax wireless module, meets all the requirements for the single-modular approval in accordance with 47 CFR § 15.212 (a) (1) (i) through (viii), as detailed below:

- 1] The radio portion of the module comes with its own RF shielding.
- 2] The module has buffered modulation/data inputs to ensure that it complies with Part 15 requirements under conditions of excessive data rates or over-modulation.
- 3] The module is fully internally regulated, except for the last stage PA. The user manual indicates the host supply voltage range to use, within which the RF compliance to the FCC requirements is demonstrated and ensured. Further to that, the firmware implements a mechanism to prevent transmissions when supply voltage is outside of the intended range.
- 4] The module comes in a variant with a permanently attached antenna, or in a variant that employs a unique antenna connector, in which case it is marketed to operate only with specific external antenna(s).
- 5] The module has demonstrated compliance in a stand-alone configuration.
- 6] The module is equipped with a permanently affixed label displaying its FCC identification.
- 7] The module does comply with any and all specific rules and operating requirements that are ordinarily applicable to the complete transmitter, including the provision of all the instructions and conditions for maintaining compliance, as detailed in the user manual with integration guidance by the grantee.
- 8] The module does comply with any and all applicable RF exposure requirements in its final configuration.

Should there be any query regarding this request, please do not hesitate to contact the undersigned. Thank you for your attention to this matter.

Place and date of issue (of this letter):
Espoo, September 16, 2024

A handwritten signature in blue ink, appearing to read 'Enrico Taddeo', is written over a horizontal line.

Authorized Signatory: Enrico Taddeo
Job Title: Senior Certifications Lead
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