

**embit s.r.l.**

Embedded & Wireless Solutions

Sede legale ed operativa: Via Emilia Est, 911, 41122 Modena – Italy tel: +39 059 371714 fax: +39 059 3680498
C.F./P.IVA 02938050362 iscr.reg. impr. 02938050362 N° REA 344275 Capitale Sociale: € 50.000,00 i.v.
<http://www.embit.eu> - info@embit.eu

Modular Approval Request letter

Subject: Limited Modular Approval

Date: 27 October 2015

FCC ID: Z7H-EMB2538PA

We, EMBIT SRL - EMBEDDED & WIRELESS SOLUTIONS hereby authorize American Certification Body Inc. (ACB) to have our model: EMB-Z2538PA, identified with FCC ID: Z7H-EMB2538PA approved under limited modular approval.

As required by FCC rule part §15.212, modular compliance is detailed below:

Requirement	Compliance: Yes or No with justification
(i). 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	Yes The RF section of the module is under shielding.
(ii). The module must have buffered modulation/data inputs to ensure that the device will comply with Part 15 requirements with any type of input signal	Yes Buffered data input stage has been integrated in the microprocessor of the main board.
(iii). The module must contain power supply regulation on the module	Yes The IC's on the module can operate in the voltage range 2.0 Vdc to 3.6 Vdc
(iv). 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 Sections 15.203, 15.204(b), 15.204(c), 15.212(a), 2.929(b)	Yes The test report details the antenna that meets the requirements for a unique antenna connector. There is a permanently attached antenna, user cannot switch from an antenna configuration to an other.
(v). The module must demonstrate compliance in a stand-alone configuration	Yes Refer to the test set-up photos exhibit



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(vi). The module must be labelled with its permanently affixed FCC ID label, or use an electronic display (See KDB Publication 784748 about labelling requirements)	Yes Refer to the label exhibit and the installation instructions exhibit
(vii). The module must comply with all specific rules applicable to the transmitter including all the conditions provided in the integration instructions by the grantee	Yes Refer to the installation instructions exhibit
The module must comply with RF exposure requirements	Yes Refer to the RF exposure exhibit

Company name: EMBIT SRL - EMBEDDED & WIRELESS SOLUTIONS.

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Mr. Fabio Bonizzi - CEO