



**LIMITED MODULAR APPROVAL**  
**Attestation letter**

*October 29, 2024*

**Timco Engineering, Inc.**

Re: Limited Modular Approval attestation letter  
**FCC ID: 2AHP8-JYT46620**  
**IC: 21245- JYT46620**

Gentlemen,

The **Extension Zigbee module** meets the requirements for limited modular approval as detailed in FCC Public notice 15.212 and IC RSS requirements.

Limited single modular approval is sought as the modules will be installed in only **Schneider Electric** products under our control.

Compliance to each of the requirements is described below.

Clauses		Manufacturer's arguments Limited Modular Approval
15.212 (a)(1)(i)	Shielding	None shielding provide, <b>Extension Zigbee module</b> is compliant with all FCC part15C and RSS requirements without shielding. See Test Report document.
15.212 (a)(1)(ii)	Buffered Data/Modulation	Chip is compliant with this rule.
15.212 (a)(1)(iii)	Power supply regulation	Chip is compliant with this rule
15.212 (a)(1)(iv)	Antenna	Yes The <b>Extension Zigbee module</b> antennas are directly soldered onto the board. The operation of the two antennas is as follows: <ul style="list-style-type: none"> <li>• Redundant Design: Both antennas are designed to perform both transmitting and receiving functions.</li> <li>• Automatic Selection: The system automatically selects the antenna with the best signal quality, controlled by the firmware.</li> <li>• Non-simultaneous Operation: The two antennas will never operate simultaneously, ensuring compliance with regulatory requirements.</li> </ul>
15.212 (a)(1)(v)	Stand-alone configuration	Yes, The <b>Extension Zigbee module</b> was tested in a stand-alone configuration, see "Test setup photos" document.
15.212 (a)(1)(vi)	Label	Yes, The radio module bears the label 'FCC ID: 2AHP8-JYT46620' on a visible surface, in compliance with the requirements of section § 15.212(a)(1)(vi)
15.212 (a)(1)(vii)	Operating	Yes, The <b>Extension Zigbee module</b> is compliant with all applicable FCC and IC rules. Details for maintaining compliance are given in the "User Manual".
15.212 (a)(1)(viii)	RF Exposure	Yes ,The <b>Extension Zigbee module</b> is compliant with all applicable RF exposure requirements. See "RF exposure" document.

Please contact me if you have any further question.

Best regards,

**Bertrand Huin**

*Bertrand Huin*