

VAVE2019MODA Module Integration Guide

Vave Health, Inc.
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1. INTRODUCTION

The module model VAVE2019MODA is not intended to be individually marketed and sold to third-party vendors. This module will only be used by Vave Health, Inc. in its own products. This user manual integration instruction is an internal confidential document.

This document provides the necessary BT/BLE and WLAN hardware operation information to aid in system design. This is a review of the integration process of VAVE2019MODA Module into final product PCB.

2. LIST OF APPLICABLE FCC RULES

FCC Part 15.247 and FCC Part 15.407 apply to module model VAVE2019MODA.

3. SUMMARY OF OPERATIONAL USE CONDITIONS

Module model VAVE2019MODA uses only one antenna and it has been configured to operate in SISO mode. Additionally, the Wi-Fi operation is only limited to the 5-GHz bands U-NII-1 and U-NII-3. These configuration settings are applied in the firmware and are not available to third parties or end users to alter.

4. RF EXPOSURE CONSIDERATIONS

This equipment complies with FCC/ISED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the antenna and users' body.

To satisfy RF exposure, only those antenna(s) tested with the device or similar antenna(s) with equal or lesser gain may be used with this transmitter. The antenna(s) must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating with any other antenna or transmitter, except in accordance with the FCC multi-transmitter procedure. End-users and installers must be provided with the antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance. This device supports 20 MHz and 40 MHz bandwidth modes. And the module will not be individually marketed and sold to third-party vendors.

5. APPROVED ANTENNA TYPES AND MAXIMUM GAIN VALUES

Antenna Type	Brand	2.4 GHz	4.9 to 5.9 GHz
PCB	Taoglas	2.5 dBi	2.5 dBi

6. LABELING INSTRUCTION FOR THE FINAL PRODUCT

The final end product must be labeled in a visible area with the following text:

“Contains FCC ID: 2ARTI-VAVE2019A, IC: 24535-VAVE2019A”, where:

- “2ARTI-VAVE2019A” is the approved FCC ID of this module
- “24535-VAVE2019A” is the approved IC ID of this module

The grantee's FCC/IC ID can be used only when all FCC/ISED compliance requirements are met.