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[www.wigwag.com](http://www.wigwag.com)



January 28, 2016

## FCC Modular Approval Request

Re: FCC Modular Approval

**Company:** WigWag INC  
**FCC ID:** 2AC5J-6BCC2538V1  
**Module Name:** 6BEE  
**Model Name:** 6B\_CC2538V1

FCC Part\_15\_Certification

To whom it may concern:

The table below contains the justification for modular approval of this equipment:

| Requirement per KDB 996369  | Explanation from grantee   |
|---|--|
| 1. 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, it is fulfilled. The modular transmitter has its own shielding. Shielding is shown on external photos.  |
| 2. 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, it is fulfilled. The module has buffered modulation/data inputs. It is transmitted at 250kbps using offset quadrature phase shift keying, (O-QPSK). |
| 3. The module must contain power supply regulation on the module.   | Yes, it is fulfilled. the modular transmitter has its own power supply regulation. (DC 3.3V).  |
| 4. 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, it is fulfilled. The module complies with the antenna requirements. (PCB antenna.)  |
| 5. The module must demonstrate compliance in a stand-alone configuration.   | Yes, it is fulfilled. The module was tested in a stand-alone configuration. Please see setup photos and the test jig photo.                              |
| 6. The module must be labelled with its permanently affixed FCC ID label, or use an electronic display. (See  | Yes, it is fulfilled. The label is shown on the  |

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|   |  |
|---|--|
| KDB Publication 784748 about labeling requirements.)  | transmitter module. Please see the label view document.                              |
| 7. 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, it is fulfilled. The operation description and user guides provide this detail. |
| 8. The module must comply with RF exposure requirements.  | Yes, it is fulfilled. The module is exempted due to its low field strength.          |

Please contact me if you have any further questions.

Thank you for your attention to this matter.

A handwritten signature in black ink, appearing to read "Travis McCollum".

Signatory

Travis McCollum  
COO / Co-Founder  
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