## Receiver

**Federal Communication Commission**Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, MD 21046

Subject: Modular Approval Statement

Date: Sep. 10, 2024

FCC Certification Number: 2BHQS-PSM803

**Model Name: Smart Module** 

Number: PSM803

## TO WHOM IT MAY CONCERN

Pursuant to Paragraphs CFR § 15.212, we herewith declare for our module.

| Physical/discrete and tuning capacitors may be located external to the shield, but must be on the module assembly.  *Please provide a detailed explanation if the answer is "No.":  (b) The module shall have buffered modulation/data input(s) (if such inputs are provided) to ensure that the module will comply with the requirements set out in the applicable standard under conditions of excessive data rates or overmodulation.  *Please provide a detailed explanation if the answer is "No.":  (c) The module shall have its own power supply regulation on the module. This is to ensure that the module will comply with the requirements set out in the applicable standard regardless of the design of the power supplying circuitry in the host device which houses the module.  *Please provide a detailed explanation if the answer is "No.":  (d) The module shall comply with the provisions for external power amplifiers and antennas detailed in this standard. The equipment certification submission shall contain a detailed description of the configuration of all antennas that will be used with the module.  *Please provide a detailed explanation if the answer is "No.":  (e) The module shall be tested for compliance with the applicable standard in a stand-alone configuration, i.e. the module must not be inside another device during testing. | Modular approval requirement  | Yes | No * |
|--|---|-----|------|
| (b) The module shall have buffered modulation/data input(s) (if such inputs are provided) to ensure that the module will comply with the requirements set out in the applicable standard under conditions of excessive data rates or overmodulation.  *Please provide a detailed explanation if the answer is "No.":  (c) The module shall have its own power supply regulation on the module. This is to ensure that the module will comply with the requirements set out in the applicable standard regardless of the design of the power supplying circuitry in the host device which houses the module.  *Please provide a detailed explanation if the answer is "No.":  (d) The module shall comply with the provisions for external power amplifiers and antennas detailed in this standard. The equipment certification submission shall contain a detailed description of the configuration of all antennas that will be used with the module.  *Please provide a detailed explanation if the answer is "No.":  (e) The module shall be tested for compliance with the applicable standard in a stand-alone configuration, i.e. the module must not be inside another device during testing.   | (a) The radio elements must have the radio frequency circuitry be shielded. Physical/discrete and tuning capacitors may be located external to the shield, but must be on the module assembly.  | Yes |      |
| provided) to ensure that the module will comply with the requirements set out in the applicable standard under conditions of excessive data rates or overmodulation.  *Please provide a detailed explanation if the answer is "No.":  (c) The module shall have its own power supply regulation on the module. This is to ensure that the module will comply with the requirements set out in the applicable standard regardless of the design of the power supplying circuitry in the host device which houses the module.  *Please provide a detailed explanation if the answer is "No.":  (d) The module shall comply with the provisions for external power amplifiers and antennas detailed in this standard. The equipment certification submission shall contain a detailed description of the configuration of all antennas that will be used with the module.  *Please provide a detailed explanation if the answer is "No.":  (e) The module shall be tested for compliance with the applicable standard in a stand-alone configuration, i.e. the module must not be inside another device during testing.   | *Please provide a detailed explanation if the answer is "No.":  |     |      |
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| and antennas detailed in this standard. The equipment certification submission shall contain a detailed description of the configuration of all antennas that will be used with the module.  *Please provide a detailed explanation if the answer is "No.":  (e) The module shall be tested for compliance with the applicable standard in a stand-alone configuration, i.e. the module must not be inside another device during testing.  | *Please provide a detailed explanation if the answer is "No.":  |     |      |
| (e) The module shall be tested for compliance with the applicable standard in a stand-alone configuration, i.e. the module must not be inside another device Yes during testing.   | (d) The module shall comply with the provisions for external power amplifiers and antennas detailed in this standard. The equipment certification submission shall contain a detailed description of the configuration of all antennas that will be used with the module.             | Yes |      |
| stand-alone configuration, i.e. the module must not be inside another device Yes during testing.   | *Please provide a detailed explanation if the answer is "No.":  |     |      |
| *Please provide a detailed explanation if the answer is "No.":   | (e) The module shall be tested for compliance with the applicable standard in a stand-alone configuration, i.e. the module must not be inside another device during testing.  | Yes |      |
|  | *Please provide a detailed explanation if the answer is "No.":  |     |      |
|  | (f) The module shall comply with the Category I equipment labeling requirements and CFR § 15.212(a)(1)(vi).   | Yes |      |
| *Please provide a detailed explanation if the answer is "No.":   | *Please provide a detailed explanation if the answer is "No.":  |     |      |

| (g) The module shall comply with applicable RSS-102 exposure requirements and any applicable FCC RF exposure requirement which are based on the intended use/configurations. | Yes |  |
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| *Please provide a detailed explanation if the answer is "No.":   |     |  |
| (i) The modular transmitter complies with all applicable FCC rules. Instructions for maintaining compliance are given in the user instructions.                              | Yes |  |

If you have any questions, please feel free to contact us at the address shown below 113 Cruiser Irvine, California 92618 United States Best Regards,

(Signed) Gang Lin (Manager)

September 10, 2024