



2024-02-15

To: SGS North America Inc.
620 Old Peachtree Road
SUITE 100
Suwanee, Georgia
United States

Dear Sir/Madam,

Re: Request for FCC module certification
FCC ID: 2AQ85HY0020

We hereby request a ☒Single / ☐Limited Modular certification for the FCC ID referenced above.

Requirement (47CFR15.212 / KDB996369)	Comply (Y/N) – Explanation
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 The EUT provides the RF shielding.
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 The EUT has its buffered modulation. Please see the Schematic Diagram.
3. The module must contain power supply regulation on the module	Yes The EUT has its own power supply regulation. Please see the Schematic Diagram.
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 §§ 15.203, 15.204(b), 15.204(c), 15.212(a), 2.929(b)	Yes The EUT meets the FCC antenna requirements; unique antenna connector/permanently attached antenna. Please refer to photo of antenna are shown in the test report.
5. The module must demonstrate compliance in a stand-alone configuration	Yes The EUT was testes in a stand-alone configuration. Please see section photographs of test configuration in the test report.
6. The module must be labeled with its permanently affixed FCC ID label, or use an electronic display (see KDB Publication 784748);	Yes The device is too small and therefore the FCC ID is in the manual in accordance with 2.925(f). Doing this complies with the labeling requirements in 15.212.
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 The EUT is complaint with all applicable FCC rules. Details instructions for maintaining compliance are given in the User manual.
8. The module must comply with RF exposure requirements	Yes The EUT is compliant with RF exposure requirements. RF exposure is addressed in the RF exposure exhibition.



Sincerely,

Client's signature *Yoshiro Saito*

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FCC Modular definitions, From FCC KDB 996369 D01 Module Equip Auth Guide v01r04

A. Single-modular transmitter is a self-contained, physically delineated, component for which compliance can be demonstrated independent of the host operating conditions, and which complies with all eight requirements of Section 15.212(a) (1) as summarized below. See Section 15.212 for more detailed information, and Section 2.901 (and sub-sections that follow) for general certification requirements.

B. Limited single-modular transmitter is a transmitter that does not meet all eight requirements listed in Section 15.212(a) (1), and compliance can be demonstrated only for specific host and applicable operating conditions in which the transmitter will be used. For example, manufacturers have flexibility with respect to requirements such as module shielding, buffered modulation/data inputs and power supply regulation. If one or more of these functions (shielding, buffered modulation/data inputs and power supply regulation) are provided by a specific host or hosts, then the module can be granted as a limited module that is limited to that specific host or hosts. The responsible party must demonstrate how it will retain control over the final installation of the device, such that compliance of the product is ensured by limiting the installation to a specific host or hosts, for example.

FDK