

August 16, 2019

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: 2ADAP-GRJW04J1

We hereby request a "Modular" certification for the FCC ID referenced above.

The device meets the requirements indicated below as outlined in the FCC KDB 996369 D01 Module Equip Auth Guide v01r04

- The module has metal case covering top and sides as its own RF shielding. The shielding at Bottom is implemented by GND copper plane in PCB substrate.
- [GREE]All the RF part are shielding, please refer to **5 External Photo**.
- The device has buffered modulation/data inputs to ensure that the device will comply with Part 15 requirements with any type of input signal;
- [GREE]There is a U2 Flash to buffer the data.
- The device has power supply regulation on the module;
- [GREE]There is a U3 as power supply regulation.
- The device has 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);
- [GREE]The module is WIFI function with a PCB antenna.
- The device has demonstrated compliance in a stand-alone configuration;
- [GREE]The device has demonstrated compliance in a stand-alone configuration.
- The device will be labeled with its permanently affixed FCC ID label, or use an electronic display.
- [GREE]The label is located on the module, please refer to **3 label and location**.
- The device does comply with all specific rules applicable to the transmitter including all the conditions provided in the integration instructions by the grantee;
- [GREE]The device is compliant with applicable FCC rules, the final installation is complete by perfectional person.
- The device does comply with RF exposure requirements.
- [GREE]The device is compliant with RF exposure requirements, please refer to MPE report.

Sincerely,

Name (Printed): Linda Li

Title: Certification Engineer

Signature: Linda Li

On behalf of Company: Linda Li

Telephone: +86-756-8522587



*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.