2019/1/30

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

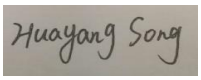
Dear Sir/Madam,

Re: Request for FCC module certification
**FCC ID: 2ASDJ-ATMUBX0A**

We hereby request a Modular certification for the FCC ID referenced above. The device meets the requirements below.

- The module has metal case covering top and sides as its own RF shielding. The shielding at bottom is implemented by the GND copper plane in PCB substrate.
  Please see *External Photo.pdf*
- The module has buffered modulation/data inputs to ensure that the device will comply with Part 15 requirements with any type of input signal;
  ARM Cortex-M4 CPU with 512kB flash memory and 64kB RAM as an embedded processor to buffer the data.
- The module has power supply regulation on the module;
  It is a buck convertor or step down convertor. The input voltage to the ATMUBX0A can be in the range 2.8V to 3.6V. Outputs from the convertor provides 1.8V which is required by the DW1000[2]
- The module has demonstrated compliance in a stand-alone configuration;
- The module 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);
- The module will be labeled with its permanently affixed FCC ID label.
  The label position of module is clearly indicated. Please see the Label & Location.pdf
- The module does comply with all specific rules applicable to the transmitter including all the conditions provided in the integration instructions by the grantee;
  The module is compliant with all applicable FCC rules. Detail instructions are given in the *User Manual*
- The module does comply with RF exposure requirements.
  The modular comply with applicable RF exposure requirements. Please see *MPE Report. pdf*

Sincerely,

Name: 

Title: Engineer

Company: Jiangsu Ascend Electronics Technology Co.,Ltd

Telephone: +86 (0)25 52799390

*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.