6/17/2020

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

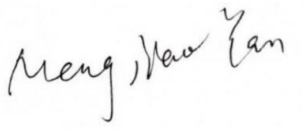
Dear Sir/Madam,

Re: Request for FCC module certification
FCC ID: 2ATEV-BL1206-P

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.
  Answer： 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;
  Answer： ARM Cortex-M4F processor speed up to 125MHz, 256KB SRAM and 2MB flash as an embedded processor to buffer the data. It's controlled by the chip RTL8710.
- The module has power supply regulation on the module;
  Answer： It is a buck convertor or step down convertor. The input voltage to the DC can be in the range 4.5V to 24V. Outputs from the convertor provides 3.3V which is required by the RTL8710;
- The module has demonstrated compliance in a stand-alone configuration;
  Answer：please see test report
- 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);
  Answer：The antenna is Integral Antenna. please see test report & Internal Photos.
- The module will be labeled with its permanently affixed FCC ID label.
  Answer：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;
  Answer：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.
  Answer：Please see *MPE Report. pdf*

Sincerely,



Name: mengjiao.yan

Title: PM

Company: Hangzhou BroadLink Technology Co.,Ltd.

Telephone: 18058715209

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.