



Sam Labs Ltd
Central Working
Whitechapel Club
69-89 Mile End Road
Whitechapel London
E1 4TT

www.samlabs.me

MODULAR APPROVAL REQUEST

Date: 23/02/2015

TRaC Global
100 Frobisher Business Park
Leigh Sinton Road
Malvern
Worcestershire
WR14 1BX
UK

RE: FCC Modular Approval
FCC ID: 2AEAASL001

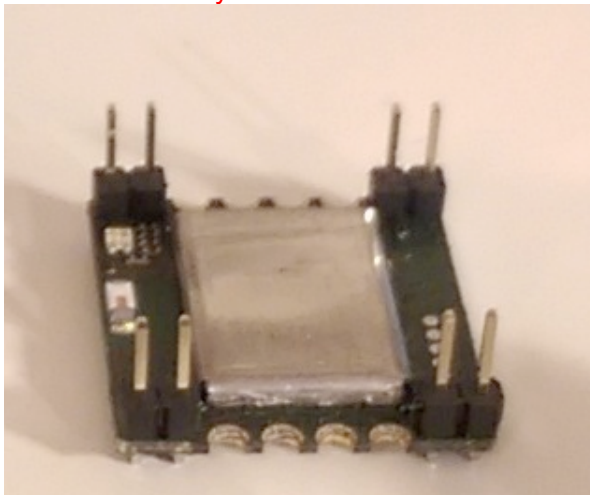
To Whom It May Concern:

Please be advised that the manufacturer requests that the above-referenced model be approved for Single Modular Approval in accordance with the FCC Rules and Regulations.

Our Product meets the FCC meet the FCC modular approval policies in the following ways:

i The radio elements must have the radio frequency circuitry shielded. Physical/discrete and tuning capacitors may be located external to the shield, but must be on the module assembly;

The radio frequency circuit is shielded by a 13x17mm can as shown in the picture below:



ii 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;
We are using CSR1010 which contains a generic 8051 microcontroller with buffered inputs/outputs. Further to that, a series resistor was added to the pins that the end user has access to.

iii The module must contain power supply regulation on the module;
The power supply regulator is internal to the Bluetooth chip. Some external passive components are also used on the same board as the Bluetooth radio.

iv 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 Sections 15.203, 15.204(b), 15.204(c), 15.212(a), 2.929(b);

The module contains a permanently attached antenna with the following specifications:

Name / Model	Gain	Impedance
2450AT18B100E	0.5dBi	50ohms

v The module must demonstrate compliance in a stand-alone configuration;
All testing performed in stand-alone configuration and was proved to be compliant.

vi The module must be labelled with its permanently affixed FCC ID label, or use an electronic display (See KDB Publication 997198 about labelling requirements);
The following label will be laser etched on the RF shielding can:

SAM
FCC ID: 2AEAASL001
IC: 12759A-SL001
FCC CE



vii The module must comply with all specific rules applicable to the transmitter. The grantee must provide comprehensive instructions to explain compliance requirements;

Please refer to user manual provided and test reports.

viii The module must comply with RF exposure requirements. For any transmitters intended for use in portable devices, SAR compliance must be demonstrated to be independent of the host device. See KDB Publication 447498 Item 2) as a guide to determine if a transmitter can be tested without being limited to a host device. If SAR

compliance can only be demonstrated in specific host types or platforms, then the module type must be "limited."

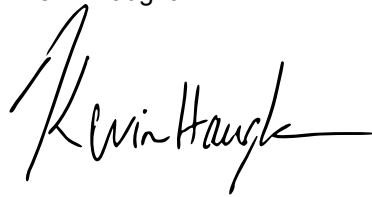
All testing performed in stand-alone configuration and was proved to be compliant.

Thank you for your attention to this matter.

Yours faithfully

SAM Labs LTD

Kevin Haughan

A handwritten signature in black ink, appearing to read "Kevin Haughan", with a long horizontal flourish extending to the right.