



Wireless Cables Inc.
2880 Zanker Rd, Ste 203
San Jose, CA 95134
Phone: (408) 954-7301
Fax: (408) 228-0687
Email: sales@aircable.n

Modular Approval Request

Date: April 4, 2012

To:
Bay Area Compliance Laboratories Corp.
1274 Anvilwood Avenue
Sunnyvale, CA 94089

Dear Sir/Madam,

This is to request a **Modular Approval** for the AIRcable BLE Bluetooth Low Energy Single Mode Module, bearing FCC ID: SQCBLE1K. Please review the submitted Test Report and associated exhibits showing compliance to the 8 requirements listed in DA 00-1407 for obtaining Modular Approval.

Please don't hesitate to contact me if you have any questions regarding this application.

Sincerely,

A handwritten signature in black ink, appearing to read "J. Kienhoefer", with a long horizontal stroke extending to the right.

Dr. Juergen Kienhoefer
CEO Wireless Cables Inc.

Request for Single Modular Approval

The radio element has its own shielding. This module uses a fully integrated radio on a single silicon chip. The radio portion as well as the baseband DSP and the main processor of this module has been shielded. The RF silicon design was completed with RF shielding on the silicon design and plastic package using a steel cap. Only the crystal and tuning capacitor are located outside the shield.

The EUT has buffered data inputs.

The silicon chip has an internal 1.35V regulator for radio, baseband and processor. The EUT meets the FCC antenna requirements using an integrated ceramic antenna. For the 9dBi antenna installation please refer to the professional installation document.

The EUT was tested in a stand-alone configuration. The modules was fixed on a test fixture with the module fully exposed. Power was supplied through a 9-pin serial to USB interface from a laptop.

There is a label showing "**Contains FCC ID: SQCBLE1K**" at the end product. The proposed label format is included.

When the module is installed inside of an end product, OEM customer will be instructed on how to apply the exterior label. Relevant to the OEM labeling requirements are present in the product's user manual.

Highest RF conducted output power and EIRP are below the SAR low power threshold. SAR testing is not applicable.



Wireless Cables Inc.

Model: AIRcable BLE

This device complies with part 15 of the
FCC Rules and is Bluetooth 4.0 certified.

© 2013 AIRcable.net