

## Modular Approval Request Letter

**FCC ID: 2ABRUBDLEM201P**

**Data: 11.11.2014**

Gentlemen:

There's an **Bluetooth 4.0 single mode module** that would like to have your authorization as a modular approval. The specific product as below, **Bluetooth 4.0 single mode module**, with its designed features and specified description, meets special requirements for full modular approval on FCC Public Notice **KDB996369** Released: June 26, 2000 by cross-reference list below.

Company	BDE Technology Co., Ltd.
Model Name	Bluetooth 4.0 single mode module
Model Number	BDE-BLEM201P
FCC ID	2ABRUBDLEM201P

Requirement of Public Notice <b>KDB996369</b> / <b>part 15.212</b>	N/A
1. The modular transmitter must have its own RF shielding.	The module has its own RF shielding. Please see external photo.pdf
2. The modular transmitter must have buffered modulation/data inputs.	The modular has buffered data inputs, it is integrated in chip <b>CC2541</b> . Please see datasheet of the RF IC, CC2541 for detail.
3. The modular transmitter must have its own power supply regulation.	The RFIC, CC2541, has its own power supply regulation. Please see datasheet of RFIC CC241 for detail
4. The modular transmitter must comply with the antenna requirements of Section 15.203 and 15.204(c).	The <b>BDE-BLEM201P</b> has its own integral antenna on board and meets the FCC antenna requirements. Please see external photo.pdf
5. The modular transmitter must be tested in a stand - alone configuration, i.e., the module must not be inside another device during testing.	The <b>BDE-BLEM201P</b> was tested in a stand-alone configuration via a <b>CC debugger</b> . Please see conducted set-up photo.pdf and spurious set-up
6. The modular transmitter must be labeled with its own FCC ID number, and, if the FCC ID is not visible when the module is installed inside another device, then the outside of the device into which the module is installed must also display a label referring to the enclosed module.	The label position of <b>BDE-BLEM201P</b> is clearly indicated. Please see the label.pdf

<p>7. The modular transmitter must comply with any specific rule or operating requirements applicable to the transmitter and the manufacturer must provide adequate instructions along with the module to explain any such requirements. A copy of these instructions must be included in the application for equipment authorization.</p>	<p>The <b>BDE-BLEM201P</b> is compliant with all applicable FCC rules. Detail instructions are given in the Users Manual. Please see Installation guide.pdf</p>
<p>8. The modular transmitter must comply with any applicable RF exposure requirements. For example, FCC Rules in Sections 2.1091, 2.1093 and specific Sections of Part 15, including 15.319(i), 15.407(f), 15.253(f) and 15.255(g), require that Unlicensed PCS, UNII and millimeter wave devices perform routine environmental evaluation for RF Exposure to demonstrate compliance. In addition spread spectrum transmitters operating under Section 15.247 are required to address RF Exposure compliance in accordance with Section 15.247(b)(4).</p>	<p>The <b>BDE-BLEM201P</b> comply with applicable RF exposure requirements. Please see RF safety evaluation. pdf</p>

Thank you.

Sincerely,