

***limited module approval request***

**ZHEJIANG REXENSE TECHNOLOGY CO.,LTD**

*Date 2016-4-7*

Element Materials Technology  
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Leigh Sinton Road  
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UK

RE: FCC limited module approval request  
FCC ID: **O46RY12M03**

To Whom It May Concern:

Please be advised that the manufacturer requests that the above-referenced model be approved for Licensed 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;  
*Re: Device is not equipped with metal shielding to cover RF section. This module uses SMD type components which can not be modified by user.*

**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;  
*Re: The module has buffered data inputs to insure compliance with Part15 requirements under conditions of excessive data rates or over-modulation.*

**iii** The module must contain power supply regulation on the module;  
*Re: Internal 3.3V power regulator. Refer to circuit diagram.*

**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);  
*Re: The transmitter shall only be used with the tested integral antenna or with an antenna that has less antenna gain.*

**v** The module must demonstrate compliance in a stand-alone configuration;  
*Re: The module was tested in a stand-alone configuration. See test photo Exhibit.*

**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);  
Re: The module will be labeled with its own FCC ID number. See Label Exhibit. If the module is installed inside of an end-product, the label will not be Visible. In this case the OEM customer will be instructed to how to apply the exterior label.

**vii** The module must comply with all specific rules applicable to the transmitter. The grantee must provide comprehensive instructions to explain compliance requirements;  
Re: The module is compliance with all applicable FCC rules. Detail instructions are given in the Users Manual.

**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."

Re: The module complies to FCC Part 15.247 and has a measured maximum measured power output less than 100mW(20dBm EIRP. See Test report exhibit. The Module is compliance with all applicable FCC RF exposure requirement. End-users and OEM operators must take necessary precaution so that the final product complies with transmitter operating conditions for satisfy RF exposure compliance.

Thank you for your attention to this matter.

Yours faithfully

Company: **ZHEJIANG REXENSE TECHNOLOGY CO.,LTD**

*Jessie Shen*  
Signature

Full Name: Jessie Shen