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主题 : Response to Inquiry to FCC (Tracking Number 169272)

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Office of Engineering and Technology

Inquiry on 12/24/2013 :

Inquiry:

Dear Sir or Madam,

I have some questions about the Modular ID Change. When a Modular with no RF Shielding have got FCC ID Grant as a Limited Modular, and now the new Modular only add the the RF Shielding Case and the the position of individual components have slightly changed of the PCB.

Questions:

1. So for the New Modular can apply for the FCC Permissive Change ID and use the Original FCC ID Number ?
2. When the NEW Modular for the FCC ID Permissive Change, whether only need test for radiated spurious emissions?

Looking forward to your reply.

Best regards,

Ray Lai

FCC response on 12/24/2013

It is important that you provide me more detail about what you are trying to achieve. For example you need to confirm the following.

The original module grant (provide FCC Id) does not have RF shielding and the module is therefore limited.

You are not the grantee and would like to use the module in a series of (many) products. However, you do not want to have the grantee do a permissive change for each type of host product .

In addition, you want to modify the physical module by adding a RF shield.

Note: the shield requirement is mainly for unintentional ingress noise introduced into the RF section and re-radiated. It is not for module generated spurious and intentional fundamental and out of band components.

You can apply for a Change in ID with permission from the original grantee.

Then you can apply a permissive change to the change in ID to add the shielding and demonstrate in a test report that with the shielding radiated and spurious are still in compliance.

Also you need to show in the exhibits the new labeling for the new FCC ID and photos (with shield).

You need to re-label the Module with the new FCC ID as well as the product (contains FCC ID -new change in ID)

Then the series of (many) host products would still need to be tested for compliance to all other requirements not associated with the module (i.e. 15B including the module).

---Reply from Customer on 12/26/2013---

Dear Sir,

Original Grantee want to change a Limited Modular Grant to a Full Limited Modular Grant and keep the original ID Number.

Please find the attached documentation about the Module information.

FCC response on 12/26/2013

Please coordinate your questions combining Inquiry Tracking Number: 590664. into this inquiry **169272**

Note: what does this mean? components have a small moving. (See chart 2).

Original Grantee can make the change with a Class II change. Change in ID is a procedure for others. Not applicable to your question.

I will review P96WF76RL and may have more questions.

---Reply from Customer on 12/26/2013---

Dear Sir,

Thank you for your reply.

The input power circuitry electronic components of the Module have a small moving, for leave more space to add the shielding case to the module.

If you need more information, please feel free to tell us.

Thank you again.

FCC response on 12/30/2013

Since the ordinal grantee is making the change, they can apply for a Class 2 permissive change to add the shielding and remove the limited module. However, if the grantee is still going to sell both the Limited (without the shield) and with the shield, the integration instructions need to be very clear.

The RF shielding requirement for a module is not to test for egress radiated emissions but ingress noise from the host being re-radiated by the module. Therefore full compliance by the host manufacture (15B & 15C, etc.) must be assured by the host manufacture with the modules installed.

Attachment Details:

[Original ID Grant](#)

Do not reply to this message. Please select the [Reply to an Inquiry Response](#) link from the OET Inquiry System to add any additional information pertaining to this inquiry.