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Reply to an OET Inquiry Response

Currently Displaying Inquiry Tracking Number: **167121****Contact Information:**

Customer First Name: Scott
 Customer Last Name: Hsu
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 Extension: 1534
 E-mail Address: scott.hsu@ccsrf.com

Address:

Line 1:

Line 2:

P.O. Box:

City:

State:

Zip Code:

Country:

Inquiry Details on 11/28/2017:

First category: Unlicensed Service Rules and Procedures

Second category: General Part 15 Transmitters (UnLic)

Third category:

Subject: Data Reuse inquiry

Inquiry: Dear FCC Lab:

Good day!

According to KDB 484596 D01 Reference Test Data, RF devices approved under separate FCC IDs that use the same internal printed circuit board layout, have a common design and components, and where the separate FCC IDs differ in the population or depopulation of components for the purposes of adding or removing transmitters or frequency bands of operation.

We have two modules, one of them is 802.11 a / b / g / n / ac with Bluetooth and the other is 802.11 a / b / g / n / ac. The difference is with or without BT chip. The WIFI Module, printed circuit board layout and Antenna are both the same. So, the WIFI Data can be reuse for the other one.

Because the WIFI Module is the same, we have the following method for the reuse data,

For Band edge and Spurious Emissions part,

we will perform the spot check for the worst case of DTS, UNII (20MHz), UNII (40MHz) and UNII (80MHz).

For the DFS part, since it is a slave device, we will confirm whether FW is the same or not.

FCC Response on 11/28/2017:

So what is your question? Please provide more details about the two products including internal/external pictures.

---Reply from Customer on 12/01/2017---

Dear FCC Lab:

According to the KDB484596 D01 4) b), it mentioned that "For DFS applications, please contact the FCC through aPAG," Therefore, we would like to confirm whether our evaluation is acceptable?

Since we don't have the internal photo in hand now, please refer to the schematic first for more details. The difference between the modules you could refer to the file named as "Without BT"

FCC Response on 12/01/2017:

Are you testing modules or end-products?

---Reply from Customer on 12/01/2017---

Dear FCC Lab:

Good day!

We are testing modules. We will apply for the modular approval.

We summarized our inquiry, please refer to the below.

We would like to confirm if our evaluation is acceptable?

According to KDB 484596 D01 Reference TestData, RF devices approved under separate FCC IDs that use the same internal printed circuit board layout, have a common design and components, and where the separate FCC IDs differ in the population or depopulation of components for the purposes of adding or removing transmitters or frequency bands of operation.

Also, per the KDB484596 D01 4) b), it mentioned that "For DFS applications, please contact the FCC through a PAG," Therefore, we would like to confirm whether our evaluation in this condition below is acceptable?

We have two modules, one of them is 802.11a / b / g / n / ac with Bluetooth and the other is 802.11 a / b / g / n / ac.The difference is with or without BT chip. The WIFI Module, printed circuit board layout and Antenna are both the same. So, the WiFi Data can be reuse for the other one.

Because the WIFI Module is the same, we have the following method for using the reuse data rule.

For Band edge and Spurious Emissions part testing,:

We will perform the spot check for the worst case of DTS, UNII (20MHz), UNII (40MHz) and UNII (80MHz).

For the DFS part testing, since it is a slave device, we will confirm whether FW is the same or not.

Because we don't have the internal photo in hand now,please refer to the schematic first for more details. The difference between the two modules, you could refer to the file named as "Without BT"for more details.

Please help to confirm whether our evaluation above is acceptable per the KDB, thank you.

FCC Response on 12/04/2017:

I would need something that shows the form factor of the two modules. What antennas are going to be used with the two modules?

---Reply from Customer on 12/05/2017---

Dear FCC Lab:

Good day!

I provided the module photos of the attachment.

The photos include external, internal and antenna photo.

Please kindly confirm it, thanks.

FCC Response on 12/05/2017:

Reuse of data as indicated in this KDB is acceptable for the two modules. They will need separate FCC IDs. Forward this KDB response to the TCB for processing.

[Enter any additional comments below:](#)

*(This is a text only field. Users will be able to upload attachments after clicking on the "Proceed" button below)



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