

Date 2021-09-15

To: SGS North America Inc.  
620 Old Peachtree Road  
SUITE 100  
Suwanee, Georgia  
United States

Subject: **FCC Class II Permission Change Request for FCC ID: 2ARYN-MAX-S**

Dear Sir/Madam,

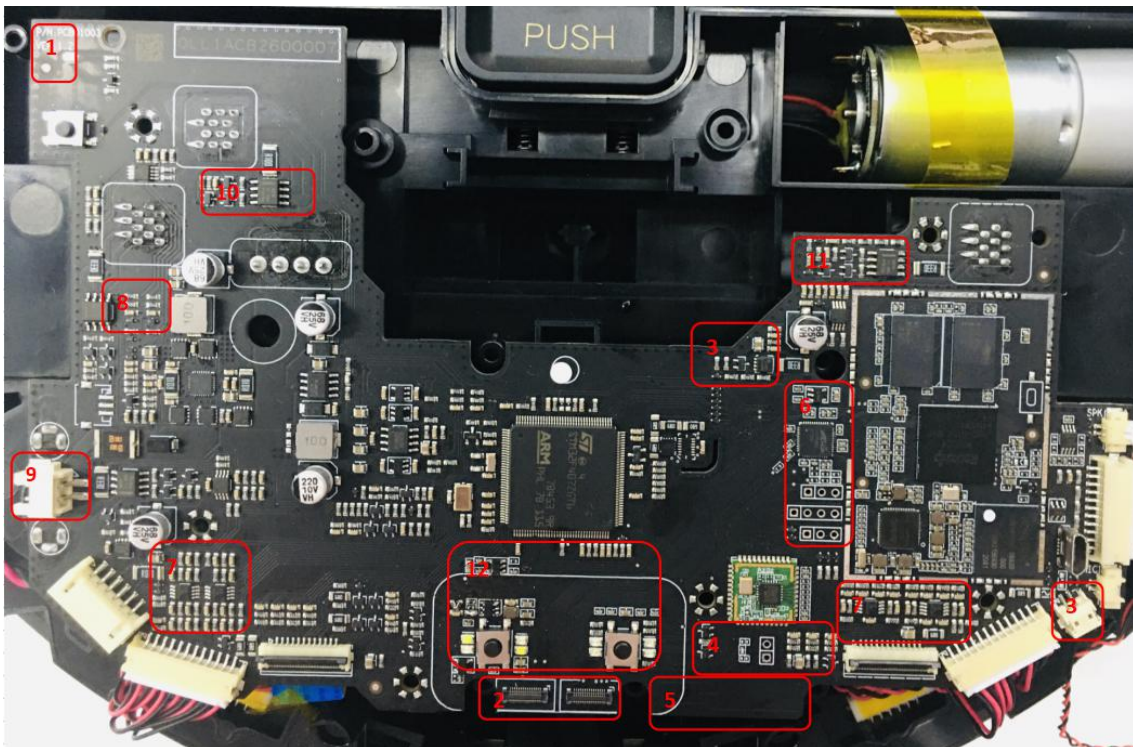
This is to request a Class II Permission Change Request for FCC ID: 2ARYN-MAX-S, originally granted on 2020-01-09.

The Major change filed under this application is:

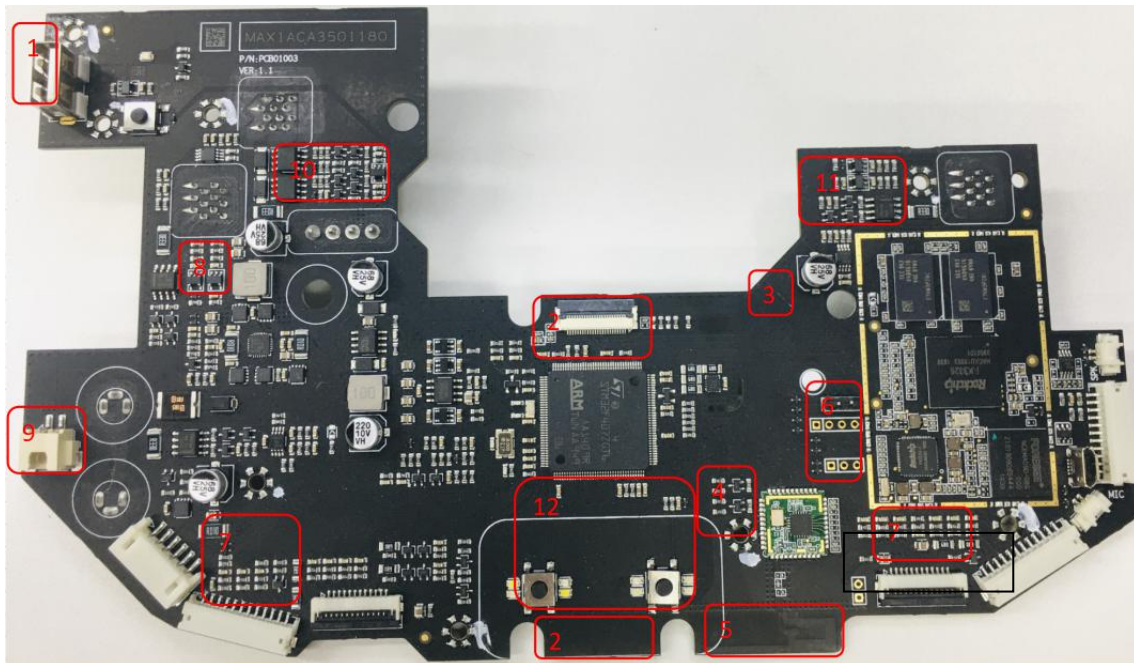
The newly developed project of our company is highly consistent with the registered products, using the same model of wifi module and PCBA design. Information about changes to registered products is mainly as follows:

1. Keep the original model, increase product model: OLL-M\OLL-U\OLL-P\OLL-S
2. The comparison of PCBA differences:

The PCBA of the newly added model product:







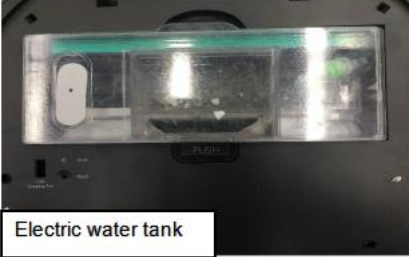
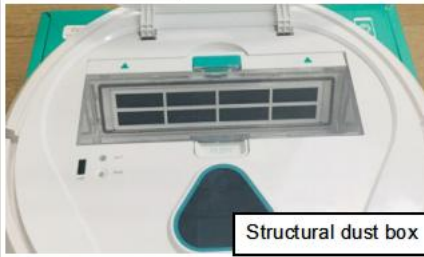


The PCBA of the registered product:



| Differential position No. | The PCBA of the newly added model product(OLLIE)  | The PCBA of the registered product(MAX)    |
|---------------------------|---|--|
| 1                         | Cancel the USB.   | The USB.                                   |
| 2                         | Connect binocular camera.   | Connect a monocular camera.                |
| 3                         | Increase the control circuit and interface of the electric water tank.                                    | No control circuit of electric water tank. |
| 4                         | Control LED lamp circuit movement position, does not belong to the wireless module circuit.               | Control LED lamp circuit.                  |
| 5                         | The antenna direction adjustment, The antenna gain does not change after adjusting the antenna direction. | The Original antenna direction             |
| 6                         | Add binocular camera circuit  | No binocular camera circuit                |
| 7                         | Optimize drop sensor circuit  | The Original circuit                       |
| 8                         | Remove wheel encoder buffer circuit, optimize circuit   | The Original circuit                       |
| 9                         | Adjust the connector orientation to fit the structural space  | The Original position                      |
| 10                        | Simplified circuit structure  | The Original circuit                       |
| 11                        | Adjust the layout to fit the structural position  | The Original position                      |
| 12                        | Add binocular camera circuit  | No binocular camera circuit                |

3.The comparison of product shell differences:

|                                      |                        |   |   |
|--------------------------------------|------------------------|---|---|
| 1                                    | Shell-flip top         |  <p>The overall design is black and gold</p>                   |  <p>The whole is white</p>                                  |
| 2                                    | Shell-the bump         |  <p>Side binocular camera design</p>                           |  <p>Monocular camera on the top, no camera on the side.</p> |
| 3                                    | Shell-the bottom cover |  <p>The bottom is not a water tank, it's mopping the floor</p> |  <p>Structural water tank, unable to control flow</p>       |
| 4                                    | Dust box               |  <p>Electric water tank</p>                                   |  <p>Structural dust box</p>                                |
| <p>The newly added model product</p> |                        | <p>The registered product</p>   |   |

4. Changed the product name from " Trifo Home Surveillance Robot Vacuum " to "AI Home Robot

If you have any questions regarding this application, please free to contact me.

Yours Sincerely,

Signature

Contact name: weiyu.bai

Company Name: Shenzhen Trifo Technology Co., Ltd.



*weiyu.bai*