

Date:2026-05-20

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

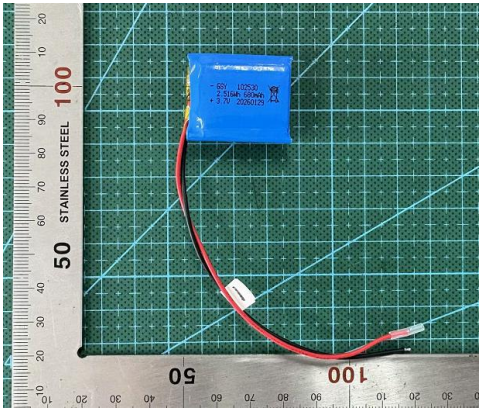
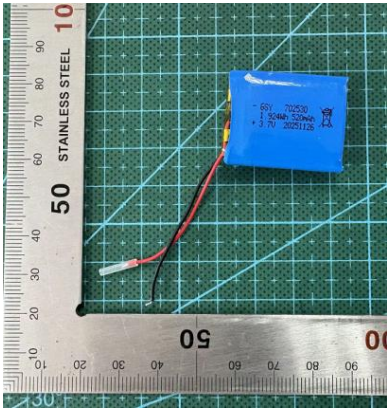
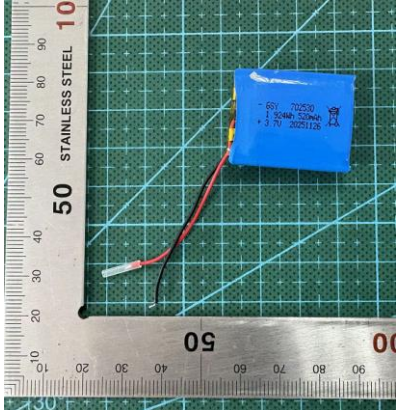
Subject: **FCC Class II Permission Change Request for FCC ID: ZT5-F2**

Dear Sir/Madam,

This is to request a Class II Permission Change Request for FCC ID: ZT5-F2, originally granted on 01/16/2025.

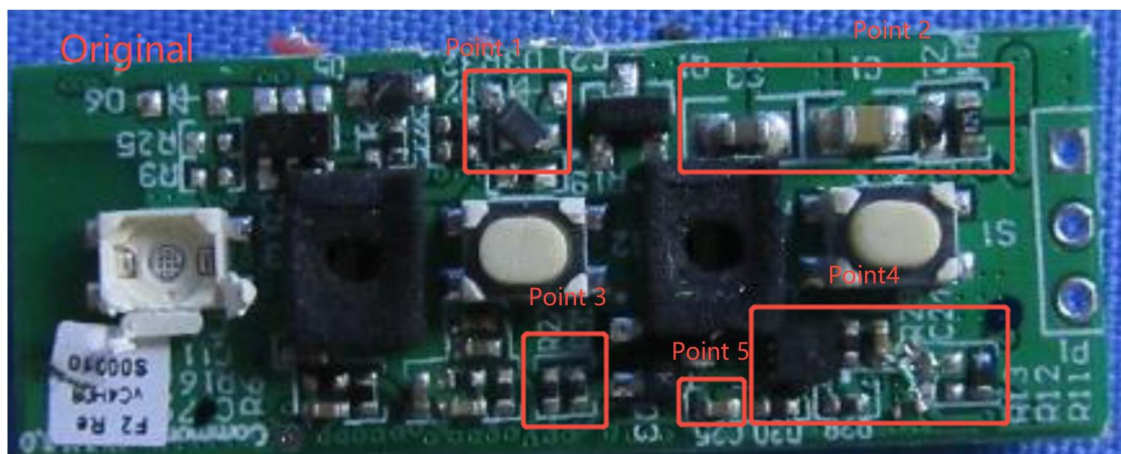
The Major change filed under this application is following:

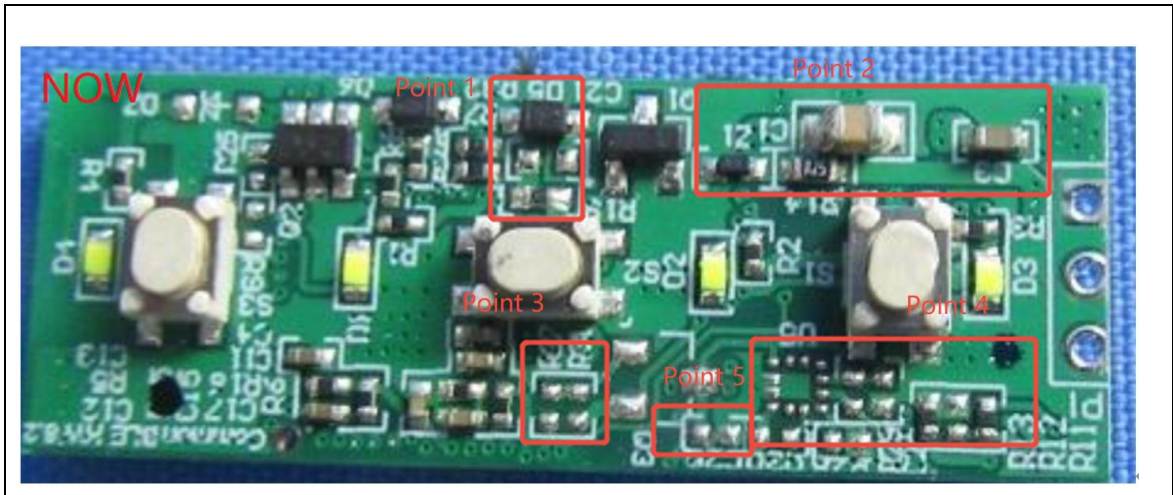
- 1. Add one new model F2S™ Double Sonic in this application which is the same as the original model in Electronic or Electrical characters.
- 2. The Battery capacity of F2S™ Double Sonic is 680mAh, and the Battery capacity of original model F2S™ and F2™ is 520mAh. And the new model and the original models also have Motor difference.

|                  |                                                                                     |                                                                                      |                                                                                       |
|------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Battery Capacity | F2S™ Double Sonic                                                                   | F2S™                                                                                 | F2™                                                                                   |
|                  |  |  |  |
| Motor            | F2S™ Double Sonic                                                                   | F2S™                                                                                 | F2™                                                                                   |



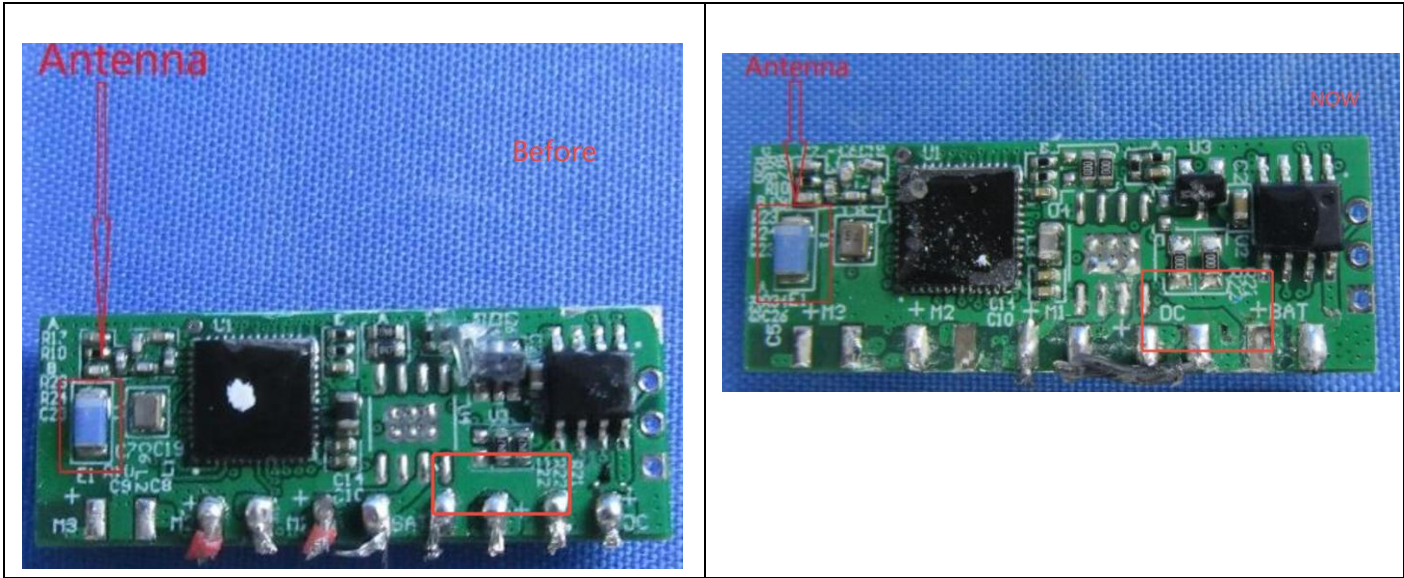
3. Updated standards from "RSS-247 Issue 3" to "RSS-247 Issue 4". The standard compliance requirements for this update have been verified.
4. Updated the FVIN from "F2\_REVD" to "REV.A" which has no impact on RF characteristics.
5. A few changes with PCB layout including changing or removing some components.





| Item   | Before      |                                                       | After   |                                                       | Comment                                  |
|--------|-------------|-------------------------------------------------------|---------|-------------------------------------------------------|------------------------------------------|
|        | Ref No      | Part name                                             | Ref No  | Part name                                             |                                          |
| Ponit1 | D5          | DIODE, FAST SWITCHING,100V, 0.2A, LMDL914TIG, SOD-323 | D5      | DIODE, FAST SWITCHING,100V, 0.2A, LMDL914TIG, SOD-323 | No Change                                |
| Ponit2 | C3          | CAP 10uF 10V ±20% 0603 X5R                            | Z1      | TVS, 5V, 0402, ESD PROTECTION, 30KV                   | Change of Electronic Component Placement |
|        | Z1          | TVS, 5V, 0402, ESD PROTECTION, 30KV                   | C1      | CAP 4.7uF 10V 0805 Y5V                                |                                          |
|        | C1          | CAP 4.7uF 10V 0805 Y5V                                | C3      | CAP 10uF 10V ±20% 0603 X5R                            |                                          |
| Ponit3 | R27         | RES 20 OHM 1/16W 5% 0402                              | N/A     | N/A                                                   | Remove this resistor                     |
|        | R31         | RES 10K OHM 1/16W 5% 0402                             | N/A     | N/A                                                   | Remove this resistor                     |
| Point4 | C24         | CAP 0.1uF 16V 0402 X7R                                | N/A     | N/A                                                   | Remove this capacitor                    |
|        | R30,R28,R29 | RES 4.7K OHM 1/16W 5% 0402                            | N/A     | N/A                                                   | Remove these resistors                   |
|        | R11-R13     | RES SMD 1.5K OHM 1% 1/16W 0402                        | R11-R13 | RES SMD 1.5K OHM 1% 1/16W 0402                        | No Change                                |
|        | U5          | IC, SENSOR, 3-AXEX ACCELEROMETER, DA217               | N/A     | N/A                                                   | Remove this chip                         |
| Point5 | C25         | CAP 0.1uF 16V 0402 X7R                                | N/A     | N/A                                                   | Remove this capacitor                    |

6. Some traces on the PCB have been revised, detail as below:



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

Yours Sincerely,

A handwritten signature in black ink, appearing to read "Michael Duff". The signature is stylized with a horizontal line crossing through the middle of the letters.

Signature:

Contact name: Michael Duff

Company Name: Suzhou Armocon Technology Co.,Ltd.