

Date: 4/10/2024

Description of Permissive Change

The application is preparing for FCC Class II Permissive Change. The differences compared with the original application are:

- ◆ LIGHTSPEED Frequency range change from 2402-2481 MHz to 2403-2479 MHz via update Firmware.
- ◆ Accessories add USB-A to USB-C cables and extender.
- ◆ Antenna gain changed as below mentioned and rename the antenna type.

| Frequency (MHz) | Antenna Gain (dBi) | Frequency Range (GHz) | Antenna Type | Connector Type |
|-----------------|--------------------|-----------------------|--------------|----------------|
| 2403 | 4.99 | 2.4~2.4835 | PIFA | None |
| 2442 | 4.06 | | | |
| 2479 | 2.26 | | | |

There are no changes to antenna components / related hardware. Antenna gain was re-evaluated for this specific host by manufacturer and antenna type was updated to be more accurate.

- ◆ Adjust HW and add 2nd source with configurations A and B

| Configuration | HW Adjust | Remark |
|---------------|--|---|
| A | 1. Power connector change from Micro B to Type C 2. Mechanical switch change from hook type to MX type 3. PCB layout adjusted based on point 1 and 2 | Configuration A and B are different suppliers of PCB/Power IC/Charger IC/Power Connector. |
| B | 4. ABS key cap change to PBT key cap 5. metal top case thickness from 1.2 mm to 1.5 mm (east-west KB+ 0.6 mm, height + 0.3 mm) | |

The EUT had applied Class I permission change to add two batteries and 2nd source of charging IC on 2021-08-31. The detail of batteries information as below mentioned:

| Brand Name | Model No. | Spec. |
|---|-------------------------------|-------------------------|
| SYNERGY SCIENTECH CORP. | AHB355085PCT-03 or 533-000210 | 3.7Vdc, 1500mAh, 5.6Wh |
| Springpower Technology (Shenzhen) Co., Ltd. | 325085 or 533-000204 | 3.7Vdc, 1500mAh, 5.55Wh |

These changed are not affect RF parameters.

Except for the changes mentioned above, no other modification is performed.

Regards,



FCC ID: JNZYR0076

Andrea Hsia / Assistant Manager
Bureau Veritas CPS (H.K.) Ltd., Taoyuan Branch
Tel: +886-3- 3183232 Ext:4311628
Email: andrea.hsia@bureauveritas.com