

Date: 10/5/2021

Description of Permissive Change

1. This report is prepared for FCC class II permissive change. The difference compared with the original design is as the following:

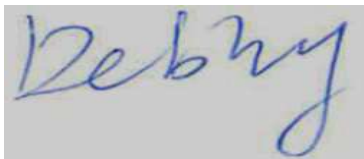
- ◆ Added new antenna for Bluetooth.

| Original | | | | | | |
|-----------|----------------|--------------------|-----------------------|--------------|----------------|-------------------|
| WLAN | | | | | | |
| Brand | Model | Antenna Gain (dBi) | Frequency range (GHz) | Antenna Type | Connector Type | Cable Length (cm) |
| RF LINK | RF11C02698S | 2.7 | 2.4~2.4835 | FPC | i-pex(MHF) | 10 |
| Bluetooth | | | | | | |
| Brand | Model | Antenna Gain (dBi) | Frequency range (GHz) | Antenna Type | Connector Type | |
| ACX | AT3216-A2R4PAA | 2.9 | 2.4~2.4835 | Chip | None | |
| Newly | | | | | | |
| Bluetooth | | | | | | |
| Brand | Model | Antenna Gain (dBi) | Frequency range (GHz) | Antenna Type | Connector Type | |
| Unictron | AA055M | 2.2 | 2.4~2.4835 | Chip | None | |

- ◆ Added 2nd source component list, below the following:

| Item | Description | Location | 2 nd Source Brand |
|------|---------------|------------------------------|--|
| 1 | Power IC | U3,U4,U5,U15 | Silergy |
| 2 | BT ANT 2.4G | ANT1 | UNICTRON |
| 3 | X'TAL_26M | X2 | JENJAAN |
| 4 | X'TAL_32.768K | X3,X5 | TKD Science and Technology Co ; LTD |
| 5 | TVS diode | U2 | Main source: NichteK 2 nd source: Willas |
| 6 | MOSFET | Q1,Q2,Q3,Q6,Q7,Q8,Q9,Q11,Q13 | Main source: Willas 2 nd source: Micro commercial components |

The device remains electrically equivalent to what was originally approved.



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