



Date: Oct. 30, 22

To: Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, MD 21046

Subject: FCC ID: RWO-RZ450461 (Model: RZ45-0461)

To Whom It May Concern,

RZ45-0461 is a variant product of RZ45-0460VWQ, The Major change filed under this application is as below, otherwise are identical.

● **SOFTWARE MODIFICATIONS:**

- Protocol Stack changes: No
- MMS/STK/USAT/USIM changes: No
- DM/SUPL/VT/FUMO/SWP/HCI: No
- Other changes detailed: No

● **HARDWARE MODIFICATIONS:**

- Band changes: Yes
- PCB Layout changes: No
- Platform changes: No



| Differences between the items | 5G- SKU1 | WiFi-SKU2 | Note |
|-------------------------------|--|--------------|--|
| FCC ID | RWO-RZ450460 | RWO-RZ450461 | |
| GSM: | | | 1、 PCB is the same, PCBA is different; Because of the different frequency band, part of the inductance capacitance is also different; and the performance of the same frequency band is not affected. The WiFi-SKU2 no SIM card holder |
| 3G UMTS (WCDMA): | B1,B 2,B 5, B8, | | |
| LTE Bands: | B1, B2, B3, B4, B5, B7, B12, B13, B20, B28, B46, B48, B66, | | |
| NR bands | N2, n66, n5, n48,n77, N78 | | |

- Main components change:
Antenna change:YES

| Differences between the items | 5G- SKU1 | WiFi-SKU2 | Note |
|-------------------------------|----------|-----------|------|
| ANT | 6 | 2 | |

nternal structure: yes



| Differences between the items | 5G- SKU1 | WiFi-SKU2 |
|-------------------------------|-------------|----------------|
| FCC ID | | |
| 5G Module: | Yes | No |
| Millimeter wave antenna: | Yes | No |
| SJ-AX6175A-SPK-BOX: | LDS antenna | No LDS antenna |
| RF cable | Yes | No |

- PA change: NO
- FM changes: NO
- LCD changes: NO
- Camera changes: NO
- Charge circuit changes: NO
- Vibrator changes: NO
- Memory changes: NO
- GPS&WIFI&BT&FM changes:NO
- MIC changes:NO
- Audio PA changes: NO
- Speaker changes: NO

● MECHANICAL MODIFICATIONS:

- Use new metal front/back cover or keypad: No
- Mechanical shell changes:
Whole size of EUT: No
Distance of Ear reference point to bottom of handset: No receiver
- Other changes detailed: Remove one charger

For details, please refer “Declaration of changes” provided by Razer.

Based on the change, we performed test as below, other test result coming from the initial model. For details, please refer to the relevant test reports.

| | Items | Comment |
|-------|--------------------------------------|--|
| 1.1 | BT part | |
| 1.1.1 | BT FCC certification part15C testing | spot check power, Radiated TCs and AC Powerline Conducted Emission full test |
| 1.2 | WIFI part | |



| | | |
|-------|---|--|
| 1.2.1 | Wi-Fi FCC Part15C testing for 2.4GHz 802.11b/g/n/ax | spot check power, Band edge compliance and transmitter spurious emission |
| 1.2.2 | Wi-Fi FCC Part15E testing for 5GHz 802.11a/n/ac/ax | spot check power, Band edge compliance and transmitter spurious emission |
| 1.2.3 | WiFi FCC RF for Wi-Fi 6e | spot check power, Band edge compliance and transmitter spurious emission |
| 1.2.4 | Wi-Fi FCC Part15E DFS testing | full test |
| 1.2.5 | WiFi FCC SAR testing for 2.4GHz | spot check power and body SAR |
| 1.2.6 | WiFi FCC SAR testing for 5GHz | spot check power and body SAR |
| 1.2.7 | WiFi FCC SAR/PD testing for Wi-Fi 6e | spot check power, full test PD |

Sincerely yours,

A handwritten signature in black ink, appearing to be 'Zi Xiaogang', written over a horizontal line.

Zi Xiaogang