



# Ai-WB2-13

# Power Consumption Test Report

# 1. Test Description

## 1.1 Test Instrument

| Instrument       | Manufacturer | Model  |
|------------------|--------------|--------|
| Current Analyzer | KEYSIGHT     | N6705C |

## 1.2 Test Conditions

| Item        | Condition               | Note |
|-------------|-------------------------|------|
| Power Input | 3.3V                    | /    |
| Temperature | 25°C (Room Temperature) | /    |

## 1.3 Test Items

| Item                   | Result | Note |
|------------------------|--------|------|
| Power Consumption Test | PASS   | /    |

## 1.4 Other Notes

| Tested by   | Yuan Nannan | Note |
|-------------|-------------|------|
| Reviewed by | Guan Ning   | /    |
| Test Date   | 2022-06-24  | /    |

| Test Mode |   | Min | Avg | Max | Unit |
|-----------|---|-----|-----|-----|------|
| 11b TX    | CCK 11 Mbps, Pout = +21 dBm, Duty 50%   | -   | 149 | -   | mA   |
|           | CCK 11 Mbps, Pout = +21 dBm, Duty 100%  | -   | 289 | -   | mA   |
| 11g TX    | OFDM 54 Mbps, POUT = +18 dBm, Duty 50%  | -   | 133 | -   | mA   |
|           | OFDM 54 Mbps, POUT = +18 dBm, Duty 100% | -   | 246 | -   | mA   |
| 11n TX    | OFDM MCS7, POUT = +16 dBm, Duty 50%     | -   | 125 | -   | mA   |
|           | OFDM MCS7, POUT = +16 dBm, Duty 100%    | -   | 220 | -   | mA   |
| 11b RX    | 802.11b Sensitivity 1 Mbps              | -   | 67  | -   | mA   |
|           | 802.11b Sensitivity 11 Mbps             | -   | 67  | -   | mA   |
| 11g RX    | 802.11g Sensitivity 6 Mbps              | -   | 67  | -   | mA   |
|           | 802.11g Sensitivity 54 Mbps             | -   | 67  | -   | mA   |
| 11n RX    | 802.11n Sensitivity MCS0                | -   | 67  | -   | mA   |
|           | 802.11n Sensitivity MCS7                | -   | 67  | -   | mA   |