



# Ai-BV01-32S

# Power Consumption Test Report

# 1. Test Description

## 1.1 Test Instruments

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	Chen Jun	Note
Reviewed by	Guan Ning	/
Test Date	2026-04-20	/

Test Mode		Min	Avg	Max	Unit
BR/EDR	Transmit DH1, Pn9, Pout = 6 dBm	-	20	-	mA
	Transmit DH3, Pn9, Pout = 6 dBm	-	33	-	mA
	Transmit DH5, Pn9, Pout = 6 dBm	-	37	-	mA
BLE	Transmit PHY=1 M, PRBS9, Pout = 6 dBm	-	12	-	mA
	Transmit PHY=2 M, PRBS9, Pout = 6 dBm	-	11	-	mA
BR/EDR	Receive DH1	-	5	-	mA
	Receive DH3	-	5	-	mA
	Receive DH5	-	5	-	mA
BLE	Receive PHY=1M	-	26	-	mA
	Receive PHY=2M	-	26	-	mA
Low Power Consumption	Enter Sleep Mode	-	2.4	-	μA