



Rd-01

Power Consumption Test Report

1. Test Description

1.1 Test Instrument

Instrument	Manufacturer	Model
Current Analyzer	KEYSIGHT	N6705C

1.2 Device Under Test

Model	
	Rd-01

1.3 Test Conditions

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

1.4 Test Items

Item	Result	Note
Power Consumption Test	PASS	/

1.5 Other Notes

Tested by	Zou Shengxin	Note
Reviewed by	Guan Ning	/
Test Date	2022-11-11	/

Test Mode	Min	Avg	Max
Deep Sleep (MCU powered down and inactive)	-	2.72 μ A	-
MCU + BLE (connected to phone)	-	39.0163mA	-
MCU + Wi-Fi (connected to phone)	-	61.4137mA	-
MCU + Wi-Fi + BLE (connected to phone)	-	61.8050mA	-
MCU + Radar (scanning)	-	89.382mA	-
MCU + Wi-Fi + BLE (connect to phone) + Radar (scanning)	-	113.95mA	-
MCU + Wi-Fi (connected to phone) + Radar (scanning)	-	112.41mA	-
MCU + BLE (connected to phone) + Radar (scanning)	-	89.5944mA	-