



Ai-WB2-01F

Power Consumption Test Report

1. Test Specifications

1.1 Test Instruments

Instrument	Manufacturer	Model
Current Analyzer	KEYSIGHT	N6705C

1.2 Test Conditions

Item	Condition	Notes
Power Input	3.3 V	/
Temperature	Ambient 25 °C	/

1.3 Test Items

Item	Result	Notes
Power Consumption Test	PASS	/

1.4 Other Information

Tester	Xiao Jingran	Notes
Reviewer	Guan Ning	/
Test Date	2023-05-18	/

Test Mode		Min	Avg	Max	Unit
11b TX	CCK 11 Mbps, Pout = +21 dBm Duty 50%	-	159	-	mA
	CCK 11 Mbps, Pout = +21 dBm Duty 100%	-	315	-	mA
11g TX	OFDM 54 Mbps, POUT = +18 dBm Duty 50%	-	148	-	mA
	OFDM 54 Mbps, POUT = +18 dBm Duty 100%	-	266	-	mA
11n TX	OFDM MCS7, POUT = +16 dBm Duty 50%	-	140	-	mA
	OFDM MCS7, POUT = +16 dBm Duty 100%	-	242	-	mA
11b RX	802.11b Sensitivity 1 Mbps	-	64	-	mA
	802.11b Sensitivity 11 Mbps	-	64	-	mA
11g RX	802.11g Sensitivity 6 Mbps	-	64	-	mA
	802.11g Sensitivity 54 Mbps	-	64	-	mA
11n RX	802.11n Sensitivity MCS0	-	64	-	mA
	802.11n Sensitivity MCS7	-	64	-	mA