



# BW16

# 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	Wang Hansheng	Note
Reviewed by	Guan Ning	/
Test Date	2019-08-06	/

Test Mode		Min	Avg	Max	Unit
11b TX	CCK 1 Mbps, Pout = +18 dBm	-	215	-	mA
	CCK 11 Mbps, Pout = +18 dBm	-	208	-	mA
11g TX	OFDM 6 Mbps, POUT = +18 dBm	-	212	-	mA
	OFDM 54 Mbps, POUT = +16 dBm	-	164	-	mA
11n TX	OFDM MCS0, POUT = +17 dBm	-	211	-	mA
	OFDM MCS7, POUT = +15 dBm	-	155	-	mA
11b RX	802.11b Sensitivity 1 Mbps	-	56	-	mA
	802.11b Sensitivity 11 Mbps	-	56	-	mA
11g RX	802.11g Sensitivity 6 Mbps	-	56	-	mA
	802.11g Sensitivity 54 Mbps	-	56	-	mA
11n RX	802.11n Sensitivity MCS0	-	56	-	mA
	802.11n Sensitivity MCS7	-	56	-	mA
Sleep	Deep-sleep (Only RTC active)	-	30.07	-	μA