



BW20-07S

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	Lv Xihuan	Note
Reviewed by	Guan Ning	/
Test Date	2024-12-02	/

Test Mode		Min	Avg	Max	Unit
11b TX	CCK 11 Mbps, Pout = +22 dBm	-	323.01	-	mA
11g TX	OFDM 54 Mbps, POUT = +20 dBm	-	98.14	-	mA
11n TX	OFDM MCS7, POUT = +20 dBm	-	96.62	-	mA
11b RX	802.11b Sensitivity 1 Mbps	-	47.51	-	mA
	802.11b Sensitivity 11 Mbps	-	46.97	-	mA
11g RX	802.11g Sensitivity 6 Mbps	-	46.81	-	mA
	802.11g Sensitivity 54 Mbps	-	46.9	-	mA
11n RX	802.11n Sensitivity MCS0	-	47.61	-	mA
	802.11n Sensitivity MCS7	-	47.53	-	mA
Low-power Current	Sleep Current	-	14.73	-	μA
	DTIM10	-	156.92	-	μA