



BW60-12F

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 Yeqing	Note
Reviewed by	Guan Ning	/
Test Date	2026-07-28	/

Test Mode		Min	Avg	Max	Unit
11b TX	CCK 11Mbps, POUT = +18dBm, Duty 50%	-	210.42	-	mA
	CCK 11Mbps, POUT = +18dBm, Duty 100%	-	270.75	-	mA
11g TX	OFDM 54Mbps, POUT = +15dBm, Duty 50%	-	109.73	-	mA
	OFDM 54Mbps, POUT = +15dBm, Duty 100%	-	232.02	-	mA
11a TX	OFDM 54Mbps, POUT = +15dBm, Duty 50%	-	134.01	-	mA
	OFDM 54Mbps, POUT = +15dBm, Duty 100%	-	305.59	-	mA
2.4G 11n TX	HT MCS7, POUT = +15dBm, Duty 50%	-	102.16	-	mA
	HT MCS7, POUT = +15dBm, Duty 100%	-	230.97	-	mA
5.8G 11n TX	HT MCS7, POUT = +15dBm, Duty 50%	-	126.33	-	mA
	HT MCS7, POUT = +15dBm, Duty 100%	-	302.10	-	mA
11ac TX	VHT MCS8, POUT = +14dBm, Duty 50%	-	116.21	-	mA
	VHT MCS8, POUT = +14dBm, Duty 100%	-	289.56	-	mA
2.4G 11ax TX	HE MCS9, POUT = +13dBm, Duty 50%	-	89.07	-	mA
	HE MCS9, POUT = +13dBm, Duty 100%	-	215.02	-	mA
5.8G 11ax TX	HE MCS9, POUT = +13dBm, Duty 50%	-	106.54	-	mA
	HE MCS9, POUT = +13dBm, Duty 100%	-	284.21	-	mA
11b RX	802.11b Sensitivity 1Mbps	-	47.3	-	mA
	802.11b Sensitivity 11Mbps	-	47.2	-	mA
11g RX	802.11g Sensitivity 6Mbps	-	49.74	-	mA
	802.11g Sensitivity 54Mbps	-	50.46	-	mA
11a RX	802.11a Sensitivity 6Mbps	-	53.77	-	mA
	802.11a Sensitivity 54Mbps	-	53.78	-	mA

2.4G 11n RX	802.11n Sensitivity MCS0	-	47.5	-	mA
	802.11n Sensitivity MCS7	-	47.46	-	mA
5.8G 11n RX	802.11n Sensitivity MCS0	-	51.7	-	mA
	802.11n Sensitivity MCS7	-	51.75	-	mA
11ac RX	802.11ac Sensitivity MCS0	-	54.26	-	mA
	802.11ac Sensitivity MCS8	-	55.07	-	mA
2.4G 11ax RX	802.11ax Sensitivity MCS0	-	47.51	-	mA
	802.11ax Sensitivity MCS9	-	47.43	-	mA
5.8G 11ax RX	802.11ax Sensitivity MCS0	-	50.23	-	mA
	802.11ax Sensitivity MCS9	-	50.69	-	mA
Deep Sleep		-	10	-	μA