

BW60-12F

Power Consumption Test Report

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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℃ (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	2026-10-21	/

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Test Mode		Min	Avg	Max	Unit
11b TX	CCK 11Mbps, POUT = +18dBm, Duty 50%	-	237.5	-	mA
	CCK 11Mbps, POUT = +18dBm, Duty 100%	-	274.8	-	mA
11g TX	OFDM 54Mbps, POUT = +15dBm, Duty 50%	-	170.9	-	mA
	OFDM 54Mbps, POUT = +15dBm, Duty 100%	-	243.3	-	mA
11a TX	OFDM 54Mbps, POUT = +15dBm, Duty 50%	-	218.7	-	mA
	OFDM 54Mbps, POUT = +15dBm, Duty 100%	-	311.3	-	mA
2.4GHz 11n TX	HT MCS7, POUT = +15dBm, Duty 50%	-	160.4	-	mA
	HT MCS7, POUT = +15dBm, Duty 100%	-	239.4	-	mA
5.8GHz 11n TX	HT MCS7, POUT = +15dBm, Duty 50%	-	204.7	-	mA
	HT MCS7, POUT = +15dBm, Duty 100%	-	312.6	-	mA
11ac TX	VHT MCS8, POUT = +14dBm, Duty 50%	-	188.7	-	mA
	VHT MCS8, POUT = +14dBm, Duty 100%	-	308.6	-	mA
2.4GHz 11ax TX	HE MCS9, POUT = +13dBm, Duty 50%	-	144	-	mA
	HE MCS9, POUT = +13dBm, Duty 100%	-	225.8	-	mA
5.8GHz 11ax TX	HE MCS9, POUT = +13dBm, Duty 50%	-	174.2	-	mA
	HE MCS9, POUT = +13dBm, Duty 100%	-	290.5	-	mA
11b RX	802.11b Sensitivity 1Mbps	-	50.2	-	mA
	802.11b Sensitivity 11Mbps	-	49.7	-	mA
11g RX	802.11g Sensitivity 6Mbps	-	52.4	-	mA
	802.11g Sensitivity 54Mbps	-	53	-	mA
11a RX	802.11a Sensitivity 6Mbps	-	57.3	-	mA
	802.11a Sensitivity 54Mbps	-	57.5	-	mA

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2.4GHz 11n RX	802.11n Sensitivity MCS0	-	52.2	-	mA
	802.11n Sensitivity MCS7	-	52.8	-	mA
5.8GHz 11n RX	802.11n Sensitivity MCS0	-	57.4	-	mA
	802.11n Sensitivity MCS7	-	57.7	-	mA
11ac RX	802.11ac Sensitivity MCS0	-	57.6	-	mA
	802.11ac Sensitivity MCS8	-	57.8	-	mA
2.4GHz 11ax RX	802.11ax Sensitivity MCS0	-	52.2	-	mA
	802.11ax Sensitivity MCS9	-	52.6	-	mA
5.8GHz 11ax RX	802.11ax Sensitivity MCS0	-	57.4	-	mA
	802.11ax Sensitivity MCS9	-	57.7	-	mA
Deep Sleep		-	10	-	μA

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