



Ra-20

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	Qiao Rongxin	Note
Reviewed by	Guan Ning	/
Test Date	2026-06-05	/

Test Mode		Min	Avg	Max	Unit
TX (490 MHz)	Pout = +22 dBm	-	125.8	-	mA
RX (490 MHz)	In Receiving State	-	5.87	-	mA
TX (2450 MHz)	Pout = +12 dBm	-	27	-	mA
RX (2450 MHz)	In Receiving State	-	6	-	mA
Low Power Consumption	Standby Current	-	1.15	-	mA
	Sleep Current	-	1.65	-	μA