

特点

- ◆ GaN超宽带设计, 0.7-6GHz全频段覆盖
- ◆ 50W标称功率
- ◆ AB类放大器
- ◆ 内置保护电路
- ◆ 高可靠性设计, 可长时间满功率工作
- ◆ 50欧姆输入输出

应用

- ◆ 测试设备
- ◆ 通信系统



技术指标: 50Ω, 25℃

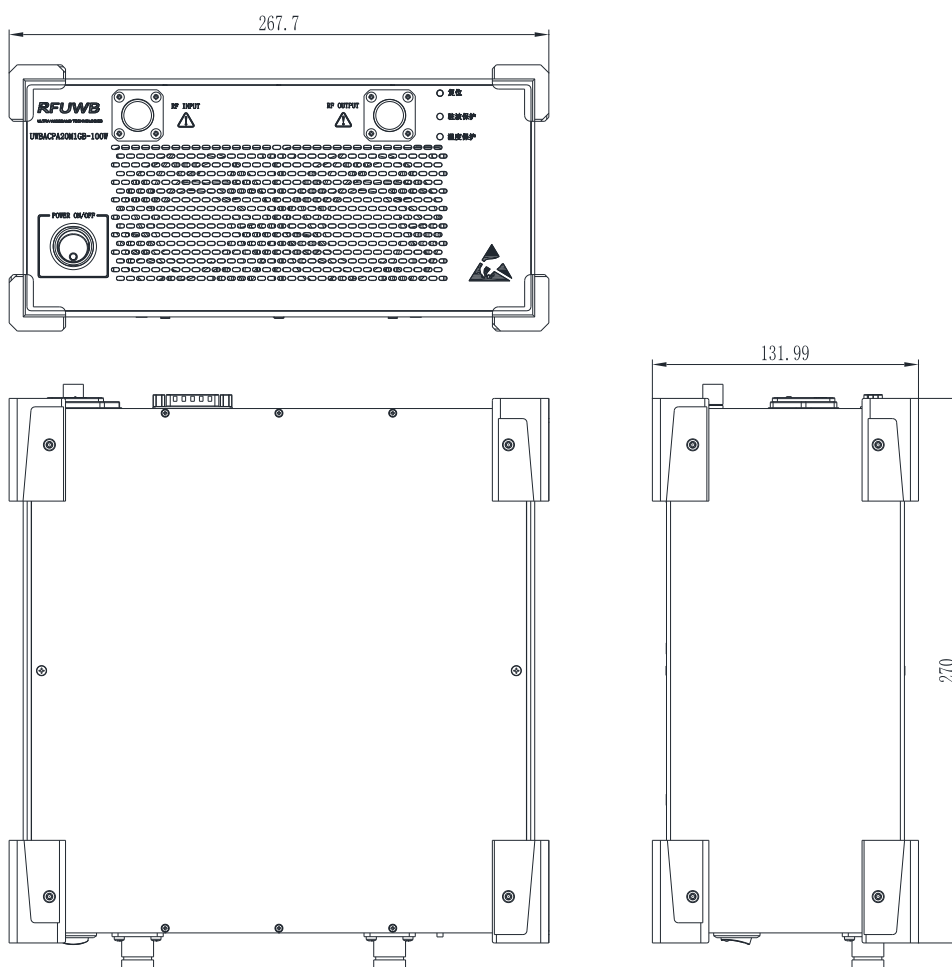
参数	最小	典型值	最大	单位
工作频率	0.7		6	GHz
射频输出功率 (连续波)	47	48		dBm
1dB压缩点输出功率 (P1dB)		48		dBm
增益	54	58		dB
增益平坦度		±4	±5	dB
输入驻波		2		: 1
谐波		-15	-10	dBc
三阶互调, 双音 @ 37dBm/Tone, 1MHz 间隔		-20		dBc
杂散			-60	dBc
供电电压		220		V AC
功耗		400	500	W
抗烧毁最大输入功率			+3	dBm

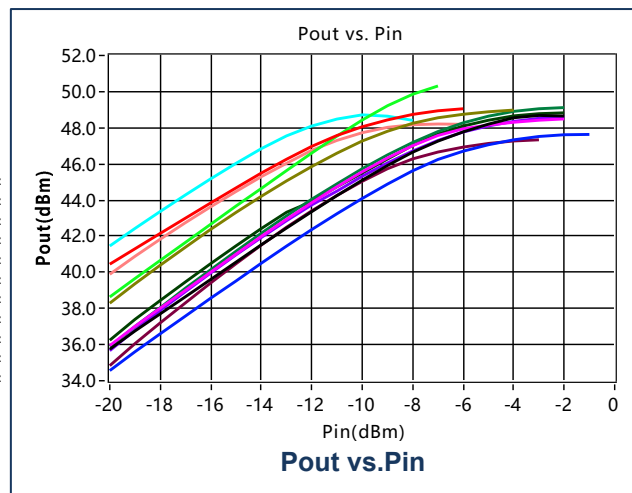
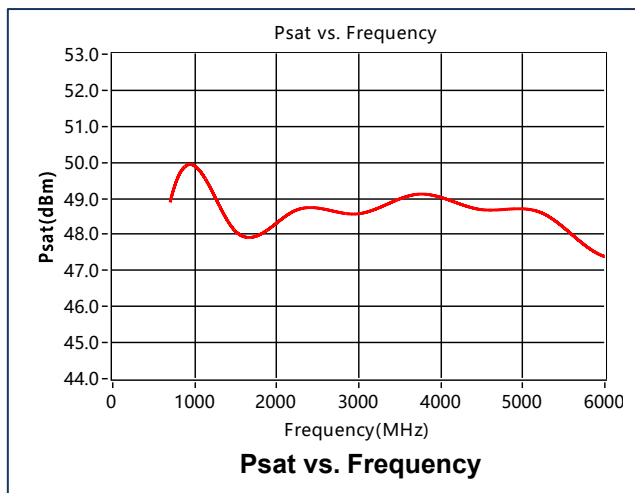
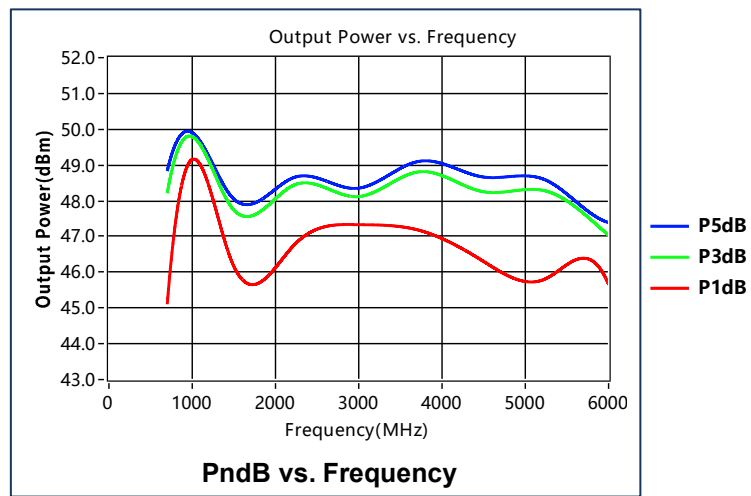
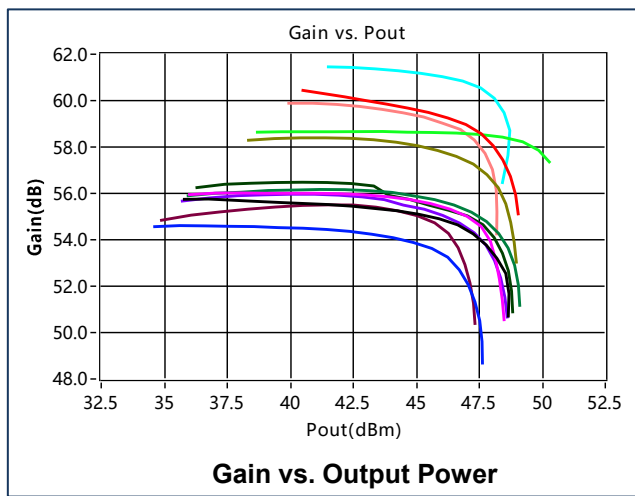
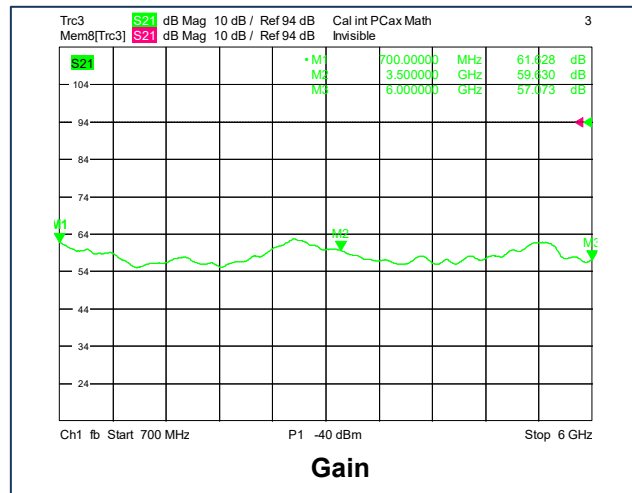
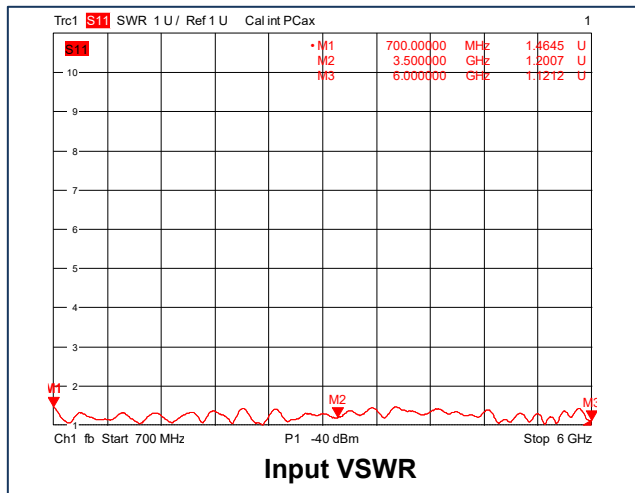
环境参数

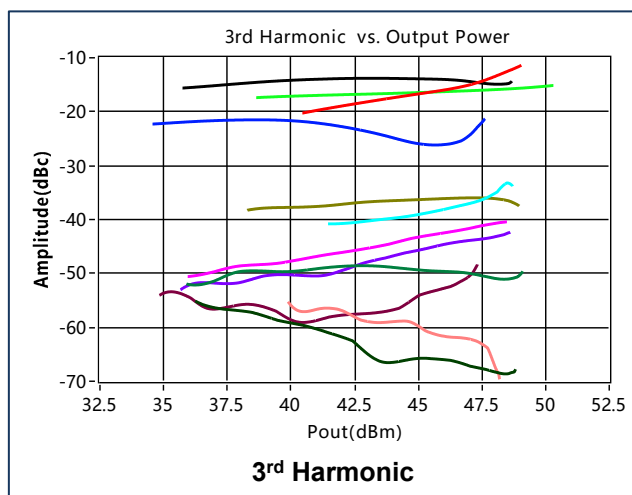
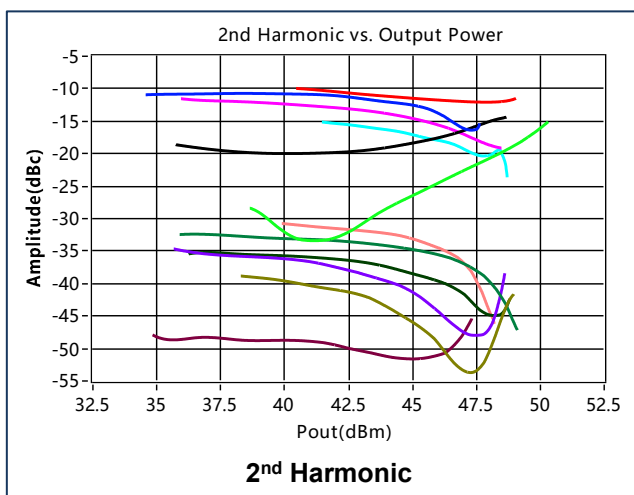
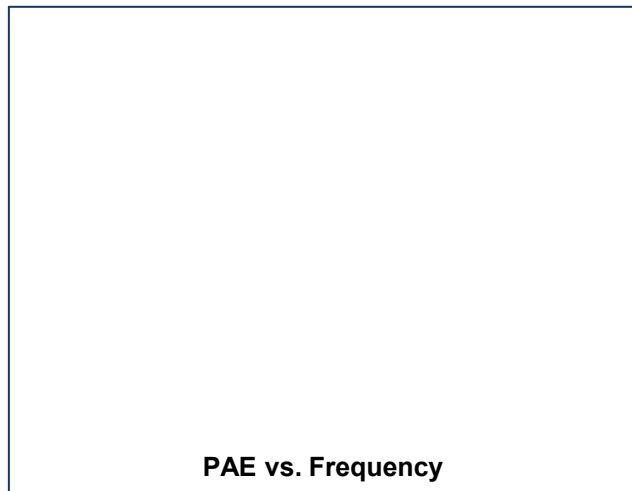
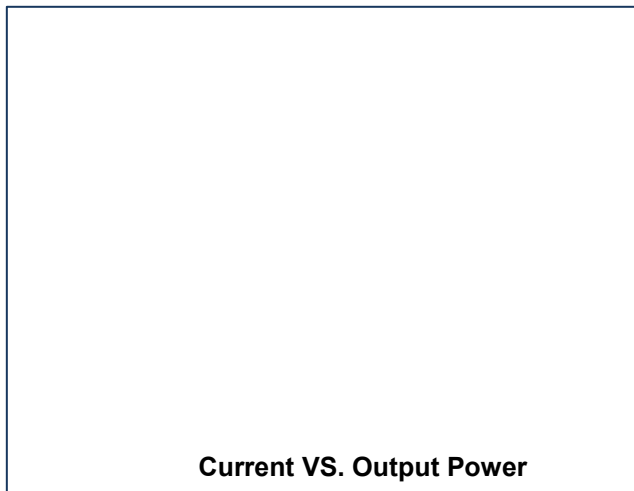
工作温度	-30°C to +50°C
储存温度	-50°C to +105°C

机械参数

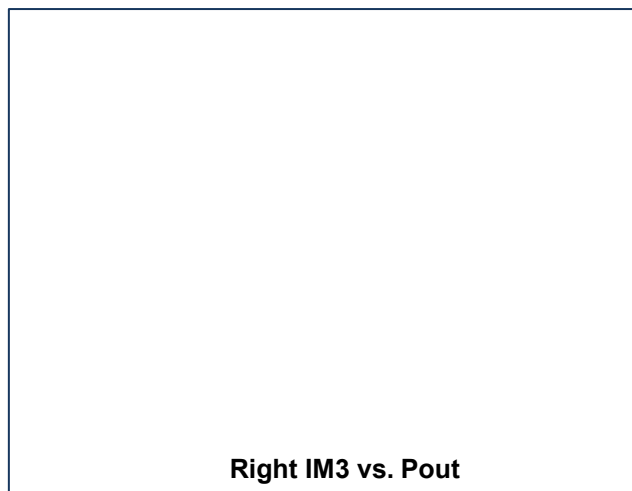
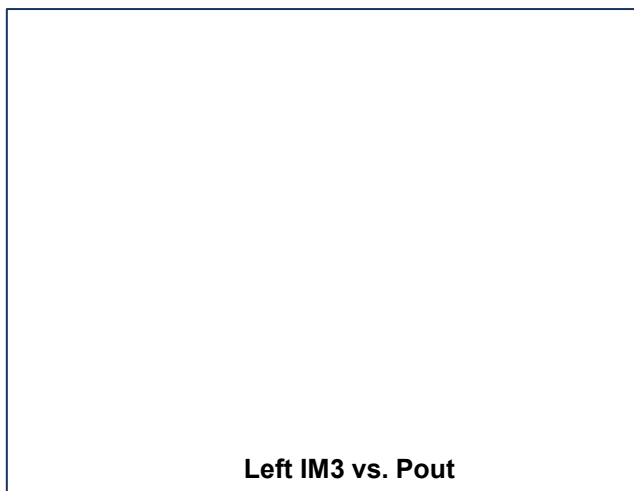
外形尺寸 (不包含连接器)	
射频连接器	N-Female
直流供电连接器	D-SUB-15
重量	-
散热	内置散热器







- 700MHz
- 1000MHz
- 1500MHz
- 2000MHz
- 2500MHz
- 3000MHz
- 3500MHz
- 4000MHz
- 4500MHz
- 5000MHz
- 5500MHz
- 6000MHz



DC Interface Connector: D-sub, 15-Pin, Female

Pin #	Name	Function
1	Over Voltage	Voltage FAULT:(TTL High= Fault, TTL Low =Normal)
2	Over Current	Current FAULT:(TTL High= Fault, TTL Low =Normal)
3	Over Temperature	When the temperature of the case exceeds 70 °C, the power amplifier will turn off and this pin will be pulled high. If the temperature of case drops to 60 °C, the power amplifier will return to normal operation, and this pin will be pulled low.
4	RESET	Resets PA when logic LOW is applied and released (Internally Pulled-High)
5	EN	Amplifier Enable: TTL High (5V) (Internally Pulled-High)
6	GND	Ground
7	NC	Not connected
8	NC	Not connected
9	NC	Not connected
10	NC	Not connected
11	NC	Not connected
12	NC	Not connected
13	NC	Not connected
14	NC	Not connected
15	NC	Not connected