



Maury Solid State Power Amplifiers

From 5 W to 2 kW / From 400 MHz to 98 GHz

Maury solid-state power amplifiers are based on modern Class AB GaN technology with outstanding linearity performance and reliability. Ideal for CW, pulsed, and modulated signals for EMC, EW, radar, and component testing, Maury power amplifiers are the ideal wideband and high-power solution to simplify bench setup and optimize measurement time.

Visit explore.maurymw.com/ims-2025 to learn more about Maury Microwave solutions.



CW Amplifiers

Frequency	Maximum Saturated Power capabilities – CW Amplifiers
0.4–12 GHz	100 W
0.6–6 GHz	2000 W
2–8 GHz	2000 W
2–18 GHz	250 W
6–18 GHz	2000 W
8–12 GHz	2000 W
18–26.5 GHz	400 W
18–40 GHz	100 W
26.5–40 GHz	400 W
40–54 GHz	200 W
90–98 GHz	30 W

Pulsed Amplifiers

Frequency	Maximum Saturated Power capabilities – kW Pulsed Amplifiers
2–4 GHz	10 kW
4–8 GHz	10 kW
8–18 GHz	5 kW
8–12 GHz	12 kW
12–18 GHz	7 kW



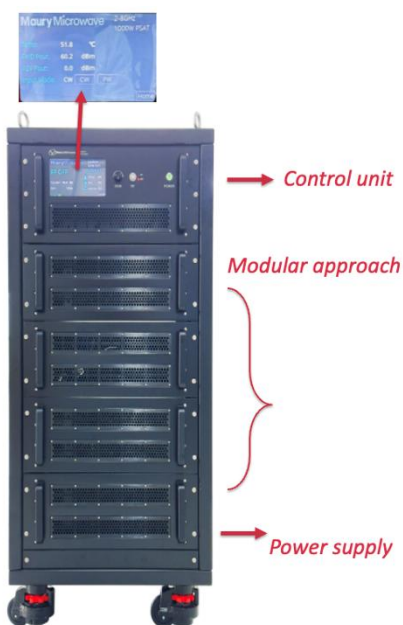
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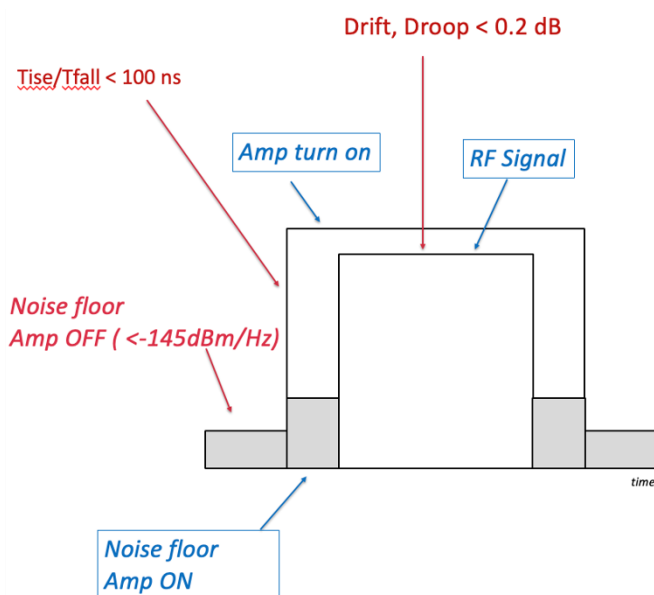
Features and Options

- Integrated control unit for diagnostic and remote operation
- Modular approach (Control unit, RF modules, Power supply)
- High VSWR load protection and operation. Options from 6:1 to infinite.
- Customization capabilities:
 - TTL
 - Integrated Switches
 - Integrated low Loss Couplers
 - CW and Peak detectors
 - Form factor and system integration

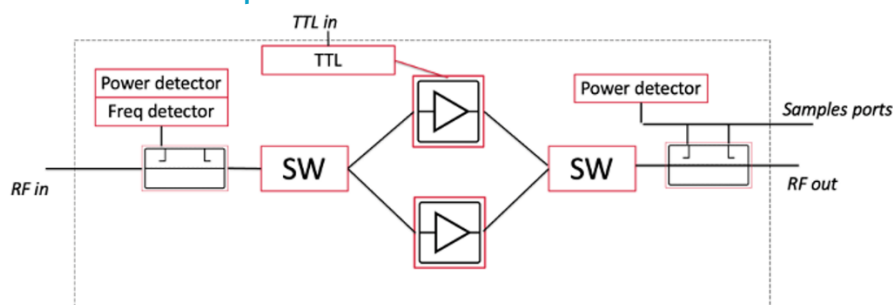
Modular Approach



Pulsed Features (TTL)



Custom Options



Options

- Coupler
- TTL
- Sample ports
- Switch
- Interlock
- Ports on the rear

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