

# Driving EMC Compliance with Confidence using Solid State Amplifiers

Maury Microwave 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 [maurymw.com/info/ims-2026](http://maurymw.com/info/ims-2026) to learn more about Maury solutions.

## CW Amplifiers

Frequency	Maximum Saturated Power capabilities – CW Amplifiers
0.8-1 GHz	1000 W
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	1000 W
18-40 GHz	400 W
26.5-40 GHz	1000 W
40-54 GHz	200 W
90-98 GHz	30 W

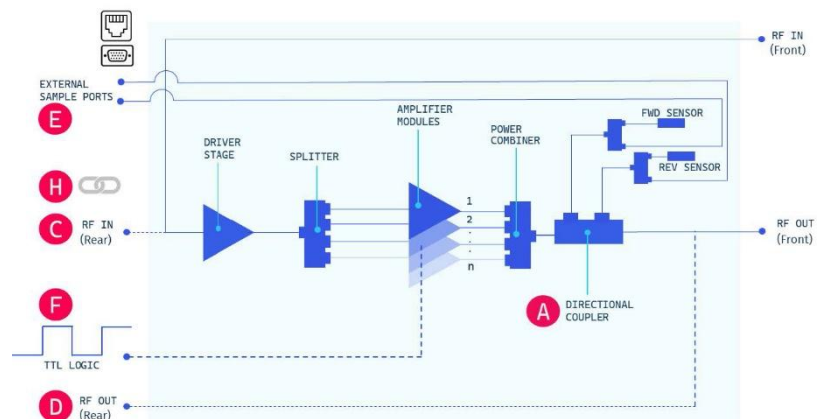
## Pulsed Amplifiers

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



## Available Options

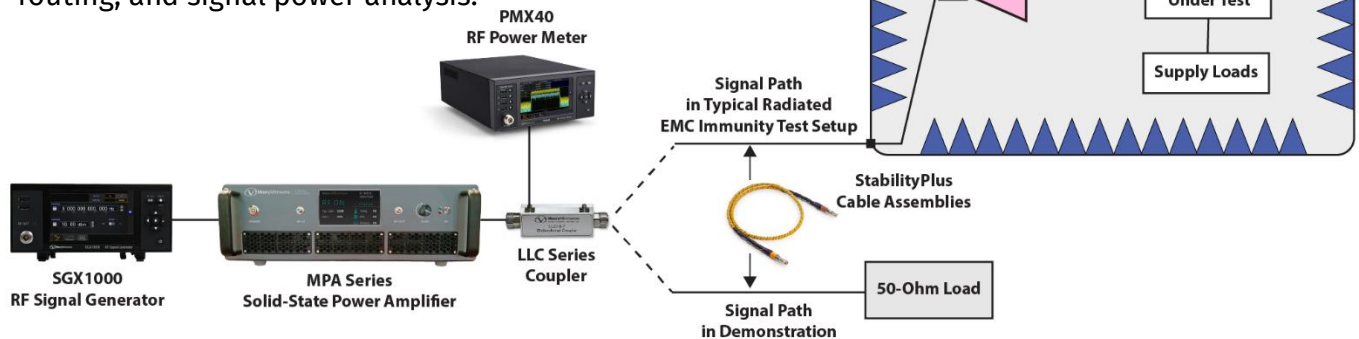
<b>A</b>	Coupler with FWD and REV power measurements
<b>C/D</b>	Input (C) or Output (D) on the rear
<b>E</b>	Sampling
<b>F</b>	TTL Logic
<b>H</b>	Interlocking



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# EMC Immunity Testing Solutions

Maury solid-state power amplifiers, couplers, power measurement instrumentation, and precision cable assemblies ensure accurate and standards-compliant EMC testing, supporting high-frequency signal amplification, routing, and signal power analysis.



## Product Overview

### Broadband and High-Power Solid-State Power Amplifiers

The MPA-series provides robust output power, linearity, and the reliability required to meet compliance standards. Designed for continuous operation across broad frequency ranges, they deliver stable, repeatable performance for immunity and emissions testing. Their solid-state architecture ensures durability, low maintenance, and dependable results in demanding EMC test environments.

### PMX40 Benchtop Power Meter

The PMX40 provides design engineers and technicians the utility of traditional benchtop instrument, the flexibility and performance of modern USB RF power sensors, and the simplicity of a multi-touch display.

### StabilityPlus Cable Assemblies

StabilityPlus™ (SP-series) sets the standard for high-performance ruggedized microwave/RF cable assemblies. Designed specifically for phase-stable and amplitude-stable applications, the SP-series offer excellent measurement repeatability even after cable flexure.

### Low-Loss, High-Power Bidirectional Airline Couplers

Combining precision machining with stellar electrical characteristics, the LLC-series of bidirectional airline couplers represent high-power coupler technology and offer unmatched performance with high directivity and low insertion loss for broadband performance.

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