

HIGH POWER AMPLIFIERS

FOR HIGH POWER SYSTEM INTEGRATION

ERAVANT
MAKING MILLIMETERWAVE ACCESSIBLE



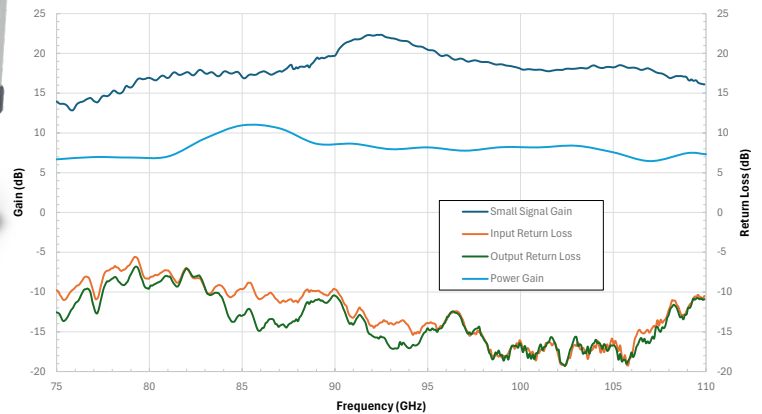
Eravant offers narrow and full band high power amplifiers for use in communications, instrumentation, radar, and high power system integration applications. The high power amplifier series covers the frequency range of 18 GHz to 110 GHz, and utilizes GaAs, GaN, and power combining technologies to achieve high power output. The mechanical design allows for installation to heatsinks for thermal regulation and for additional power combining to reach higher power output as needed. Eravant also offers different mechanical and port configurations to suit customer requirements.

FEATURES

- Forced Air Cooling
- In-line Port Configuration
- High Power Output

Typical Measured Gain and Return Loss vs. Frequency

Bias: +18 V_{DC}/1200 mA



Typical Measured Output Power vs. Frequency

Bias: +18 V_{DC}/1200 mA
RFSat: 2200 mA

