

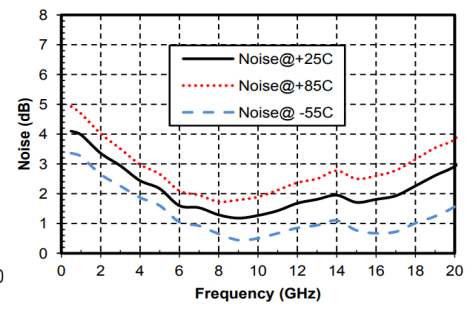
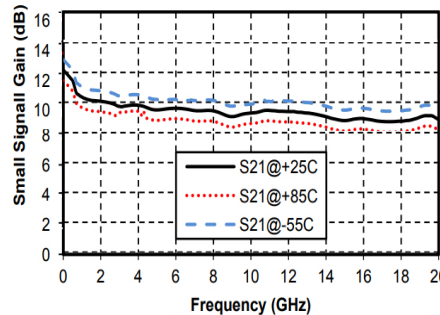


GAmAt-20-31

0.001-22GHz Programmable Gain Amplifier

- *Ultra-Broadband
- *ETH/USB/SPI control
- *Atten adjust: 0-31.5/0.5dB attenuation*
- *Cascadable use
- *Single +5V supply

- *Application
 - test
 - 5G communication
 - satellite communication
 - radar
 - scientific research



The GAmAt-20-31 is an ultra wideband programmable amplifier component that can achieve signal programmable amplification in the DC-20GHz frequency band. The module is powered by a single 5VDC and can be controlled through Ethernet or USB. Our company can provide control software, and users can also develop and use it for secondary purposes development use. The module can also be cascaded application and widely applied in fields such as scientific research, engineering equipment, testing systems, 5G communication, satellites, and radar system.

Frequency range:
From DC to 20000MHz

P-1dB:18dBm

Psat:21dBm

Gain adjustable range:
31.5/0.5dB

Average Gain:
9.5dB

Flatness:
± 1.4 dB from 1 to 10000MHz
± 0.8 dB from 10000 to 20000MHz

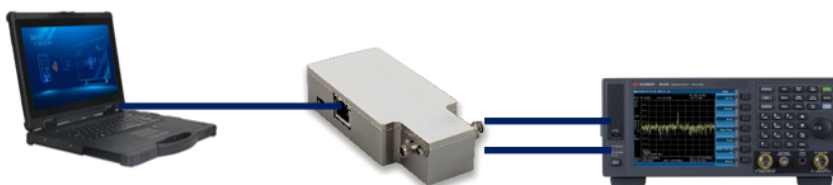


Fig: application and test block diagram

