



# NEW PRODUCT RELEASE

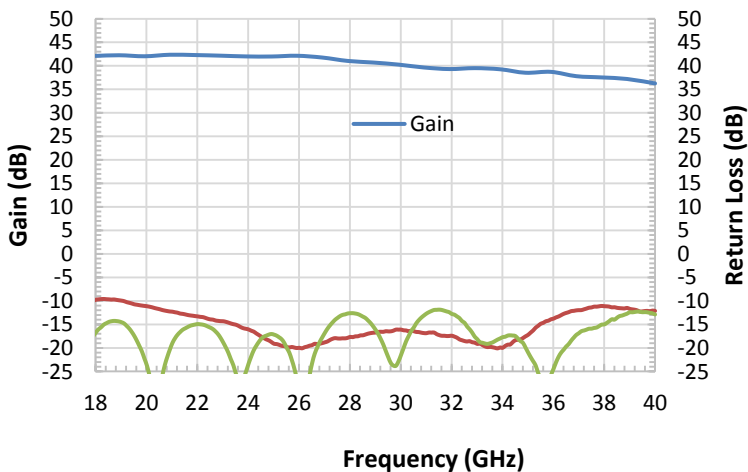
## Broadband Low Noise Amplifier for Communication and Radar

For communication, radar, and low noise receivers, SAGE Millimeter, Inc. has released a new broadband, power amplifier. **Model SBL-1834034030-KFKF-S1** offers a typical small signal gain of 40 dB and a nominal noise figure of 3 dB across the frequency range of 18 to 40 GHz. The DC power requirement for the amplifier is +8 VDC/200 mA. The input and output port configurations are both female K connectors. Other port configurations, such as male K connectors and WR-28 waveguides for either the input or output port, are also available under different model numbers.



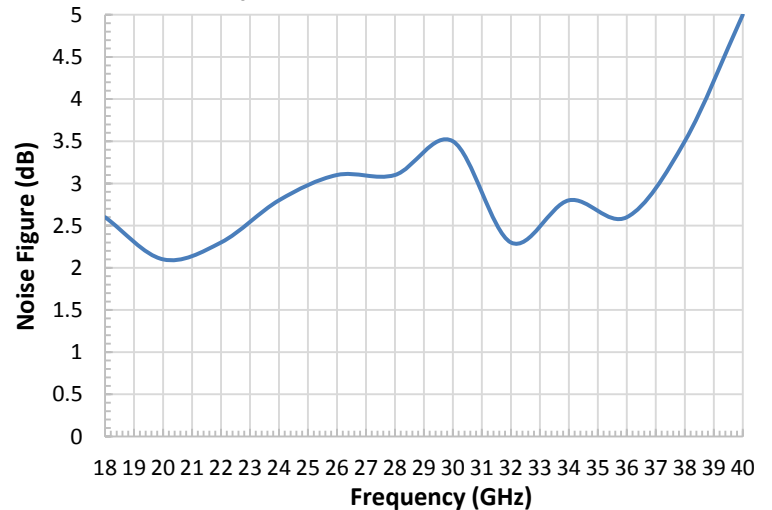
### Typical Gain and Return Loss vs. Frequency

Bias: +8 V<sub>DC</sub>/200 mA



### Typical Noise Figure vs. Frequency

Bias: +8 V<sub>DC</sub>/200 mA



**SAGE Millimeter, Inc.**

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