



NEW PRODUCT RELEASE

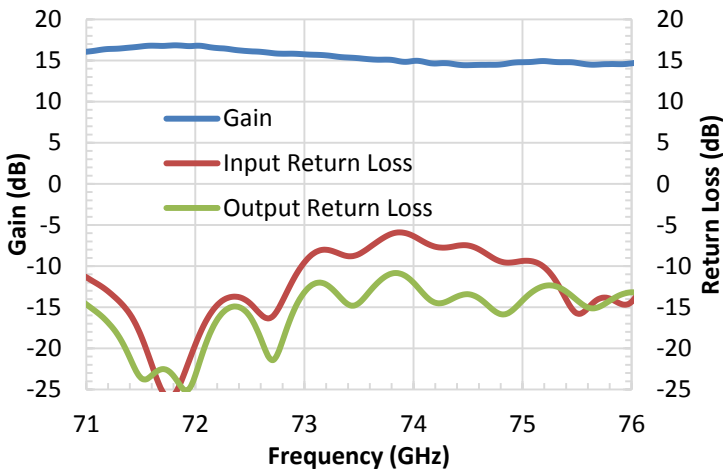
71 to 76 GHz, 1 Watt Power Amplifier for Communication and Radar

For communication, radar and test applications, SAGE Millimeter has released a new E-Band, 1 Watt power amplifier. **Model SBP-7137631528-1212-E1** is a power amplifier with a typical small signal gain of 15 dB, a nominal P_{1dB} of +25 dBm and a P_{sat} of +30 dBm across the frequency range of 71 to 76 GHz. The DC power requirement for the amplifier is +15 V_{DC}/500 mA. The mechanical configuration offers an in line structure with WR-12 waveguides and UG-387/U flanges. Other port configurations, such as with 1 mm connectors or a right angle structure with WR-12 waveguides, are also available under different model numbers.



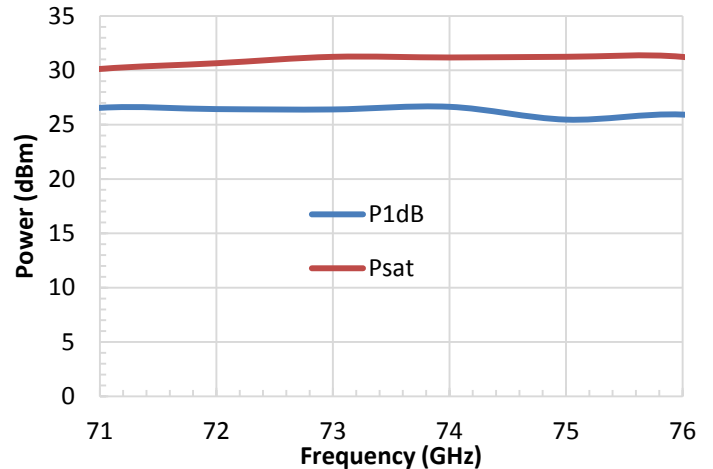
Typical Output Power vs. Frequency

Bias: +15 V_{DC}/500 mA



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Bias: +15 V_{DC}/500 mA



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