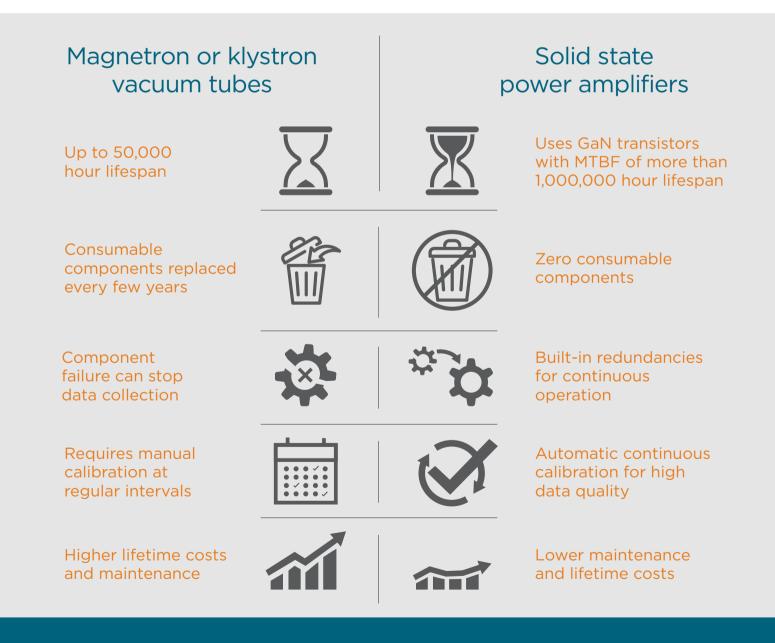
VAISALA

The now and future of weather radar design

5 ways SSPA beats vacuum tube-based power amplifiers

Radar is critical for short-term weather forecasting, helping people prepare for storms, hurricanes and other dangerous weather conditions. Solid state power amplifier (SSPA) technology features a compact and flexible design, and its pulse compression method enables powerful performance. Based on gallium nitride (GaN) transistors, SSPA is the future of radiofrequency power generation and is now available for weather radars.

Here are five reasons why SSPA will soon become the standard in weather radar design.



Trusted weather observations for a sustainable future



Learn more about SSPA from the weather measurement experts. vaisala.com/weather-radars