

# Linear GaN SSPAs • New TWTAs

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Winning  
Technology  
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Pricing**

## Download Your FREE SATCOM Power Amplifier White Papers

Comtech Xicom Technology, has announced a library of FREE downloadable white papers describing innovations from their engineering team in Silicon Valley, California. The company is the world's leading satellite communications (SATCOM) uplink power amplifier supplier, offering the broadest product line in the industry.



### NEW GaN SSPA and BUCs

XTSLIN-200K-B1 is the smallest, lightest and most efficient SSPA in the industry at this power level. This is ideal for SNG applications, delivering 200 Watts of linear power in a rugged 48-lb. outdoor package.

Spec	Competitor	Xicom	Xicom Wins!
Size	5363 in <sup>3</sup>	2128 in <sup>3</sup>	60% Smaller!
Weight	119 lbs	48 lbs	60% Lighter!
Power	2200 W	1600 W	27% Lower!

[Get the White Paper](#)



### NEW 2kW Outdoor Soft Fail Redundancy Systems

Antenna mounted continuous power systems offer minimal transmission line loss with soft-fail hitless redundancy. All TWTAs contribute to the system power and efficiency. Output power only declines 2.5 dB in off-line state. Auto recovery can drive remaining amplifiers back to the full power point.

[Get the White Paper](#)



### NEW 1250W DBS Amplifier

Model XTD-1250DBSHE is a high efficiency 1250 Watt amplifier in the same package as the traditional 750 Watt amplifier. It provides 525 Watts of linear power in a compact, ruggedized package designed for high reliability outdoor applications.

[Learn More](#)



### NEW Ka/Q/V-Band Leadership

Comtech Xicom announces a new 250W Q/V-Band amplifier for HTS gateway service, extending its leadership role in millimeter wave TWTAs. The amplifier delivers linear power across the entire 4.2 GHz of spectrum from 47.2 to 51.4 GHz. Power combining and redundancy architectures are also available.

[Learn More](#)



### Liquid Cooling

Gateway and teleport customers are electing liquid cooling to ease maintenance and save air conditioning expenses. Liquid cooling allows the user to easily remove heat from the amplifiers and dissipate it in a more desirable location. It enables amplifiers to be mounted near the feed without worry about air flow or maintenance.

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