

Product Specification Summary

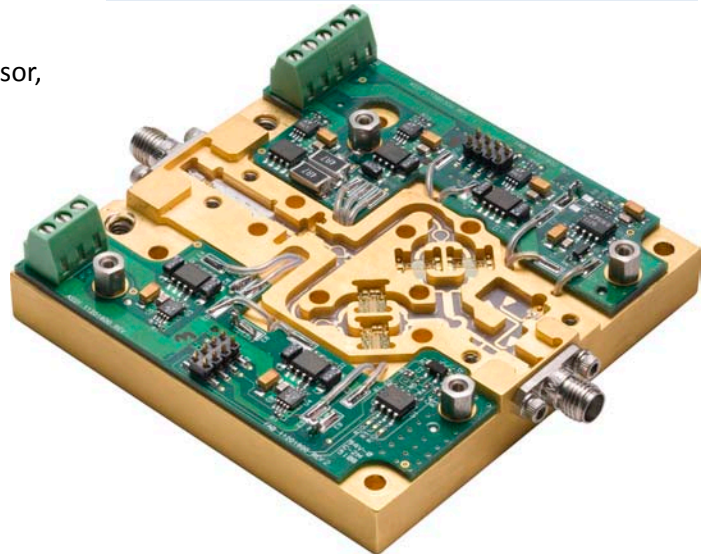
Ku-band Solid-State Power Amplifier Module

This unit is a rugged, compact solid-state power amplifier designed for applications operating between 13.75 and 14.5 GHz. It combines excellent spectral performance with compact, rugged design. The unit is indicative of Narda's millimeter-wave power amplifier capabilities and can be modified to accommodate other frequencies and electrical specifications. It is designed using Narda's unique fabrication techniques that optimize the use of space, while providing very high isolation between DC and high-frequency components. The unit measures only 3 x 3 x 1 in. and includes RF output power detection, a temperature sensor, RF input bandpass filter, and mute control.

SSPA Series

Key features

- Operates from 13.75 to 14.5 GHz
- 13 W linear RF output
- Excellent spectral characteristics
- Integrated mute control, temperature sensor, RF input bandpass filter, and RF power detector
- Measures 3 x 3 x 1 in.
- Operates from +10 VDC at 8 A and +6.5 VDC at 1.3 A



Narda's compact Ku-band SSPA delivers 13 W of linear RF power

Frequency range (GHz)	13.75 to 14.5 GHz
RF output power (W)	13
Gain (dB)	38
Spectral regrowth (dBc)	-26 at rated power 1 symbol rate OQPSK
DC power (VDC @ A)	+10 @ 8, +6.5 @ 1.3
Dimensions (in.)	3 x 3 x 1
Features	<ul style="list-style-type: none">• Bandpass filter on RF input• Mute control• RF power detector• Temperature sensor

Please consult the factory for detailed product specifications.

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