VTX-6389A2

1.2 kW, CW Traveling-Wave Amplifier, 8.0 GHz to 12.75 GHz, Periodic-Permanent-Magnet Focused, Coaxial Input, Waveguide Output, Forced-Air Cooled.



FEATURES

- 8.00 GHz - 12.75 GHz
- 1.2 kW CW Output Power
- 22" x 5" x 5"
- Designed for EMI/EMC Test & Instrumentation Industry
- 48 dB Gain
- Dual Stage Depressed Collector
- Forced Air Cooled
- PPM Focused
- Coaxial Input, and WRD650-D28 Waveguide Output

ABSOLUTE RATINGS

	Heater Voltage	Heater Surge Current	Helix Voltage	Collector Voltage 1	Collector Voltage 2	Cathode Current	Helix Current	Drive Power	Load VSWR	Envelope Temp.	Air Flow
Parameters	E_f	I_f	E_w	E_{b1}	E_{b2}	I_k	I_w	P_d			
Units	Vdc	A	kVdc	kVdc	kVdc	Adc	mAdc	mW		°C	lb/hr
Maximum	6.6	5	13.5	60% of E_w	30% of E_w	0.8 A	15	Adj.	1.7:1		---
Minimum	6.0	---	14.5			---	---	---	---	---	---
Notes	---	3	5	4	4	---	---	6	---	7	9

The values listed above represent specified limits for the product and are subject to change. The data should be used for basic information only. Formal, controlled specifications may be obtained from CPI for use in equipment design.

For information on this and other CPI products, visit our website at: **www.cpii.com**, or contact: CPI MPP Division, 607 Hansen Way, Palo Alto, CA 94303

TELEPHONE: 1(800) 414-8823. **FAX:** (650) 856-0705 | **EMAIL:** marketing@cpii.com

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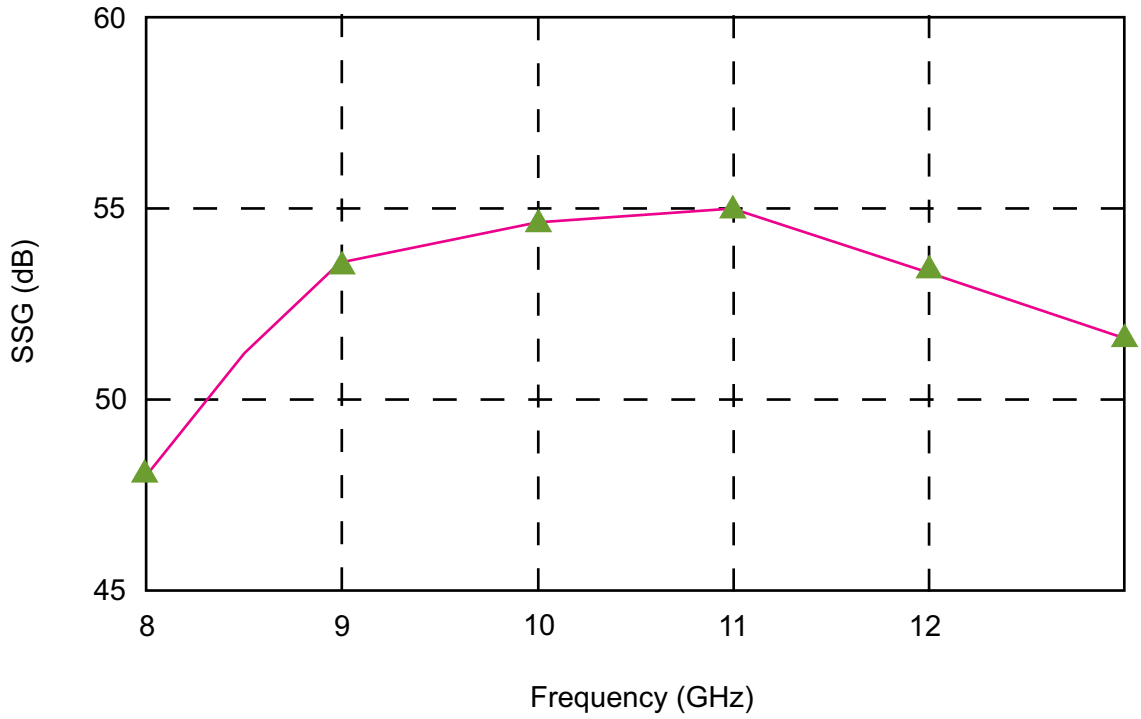

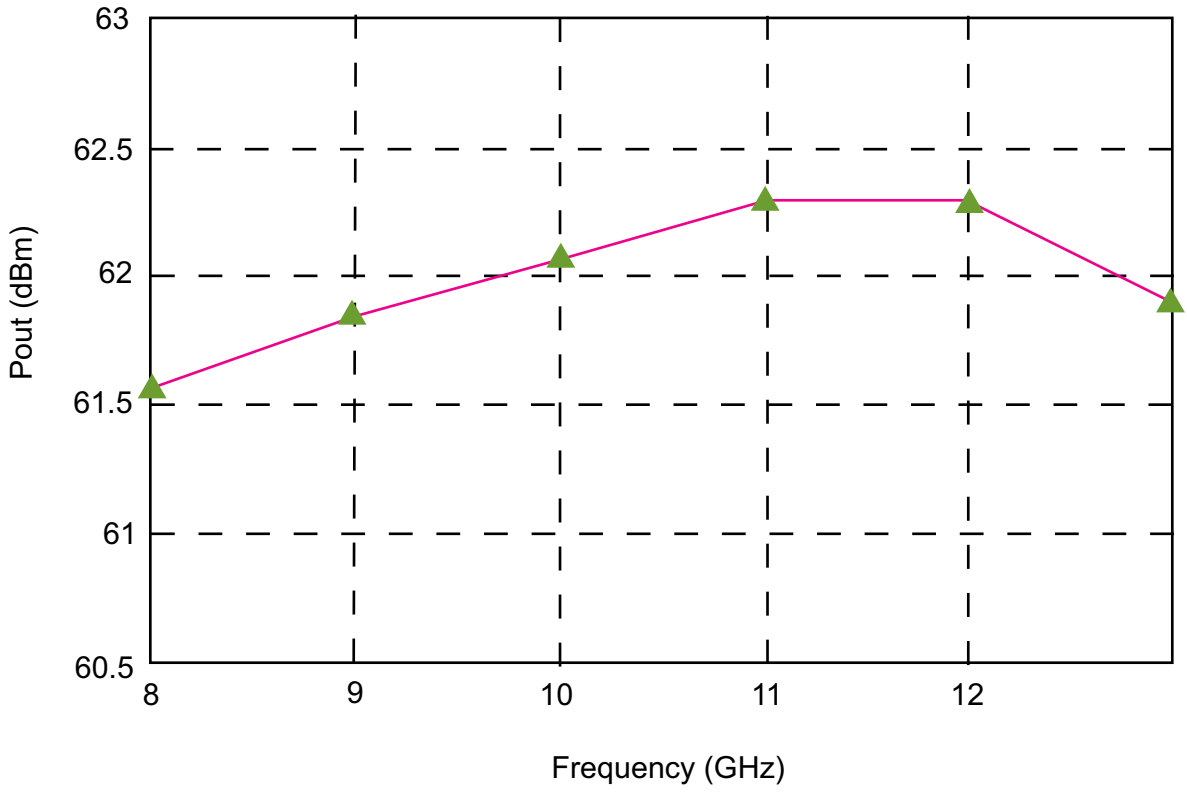

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