

Communications & Power Industries Klystron



704 MHz, 1.5 MW Klystron
3.5 ms pulse klystron with electromagnet focusing. High efficiency at 65% and gain of 45 dB.

Typical Operating Parameters

Beam voltage	110 kV
Beam current	21.4 A
Frequency	704 MHz
Peak power	1.5 MW
Average power	74 kW
Saturated gain	45 dB
Efficiency	65%
Duty	4.9%

FEATURES:

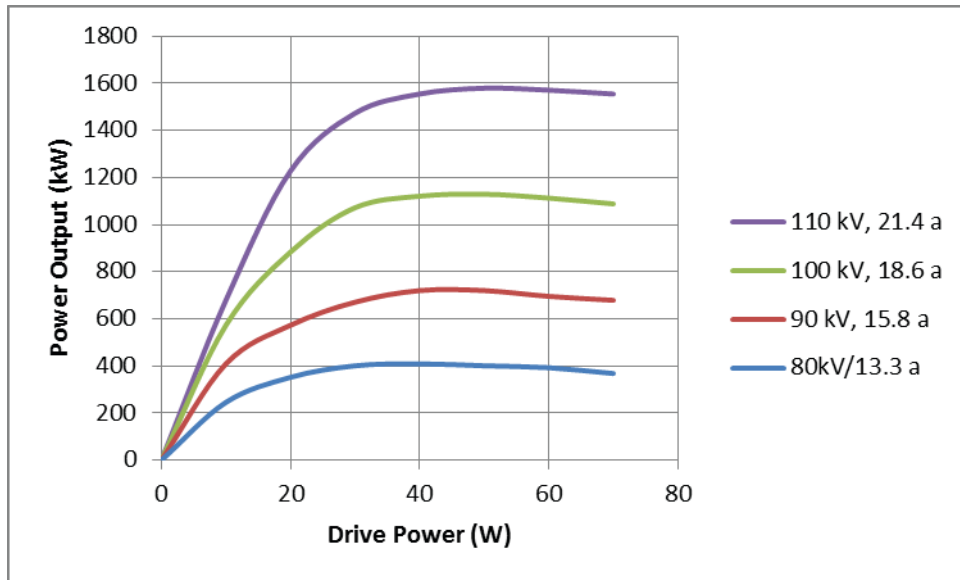
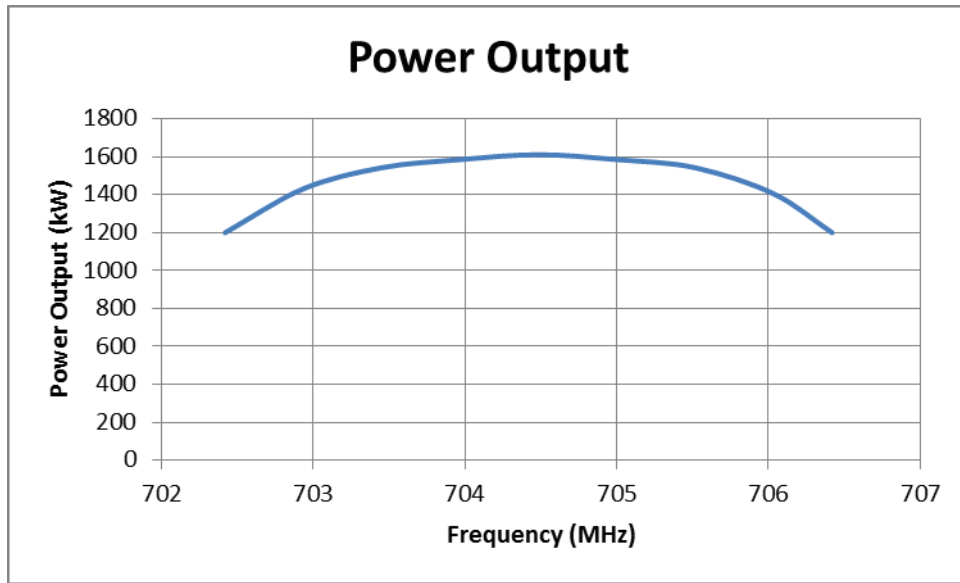
- Integral Frame, Electromagnet and Gun Tank Assembly
- Vertical Operating Orientation with Horizontal Transportation
- Integral X-ray Shielding to European Safety Levels

BENEFITS:

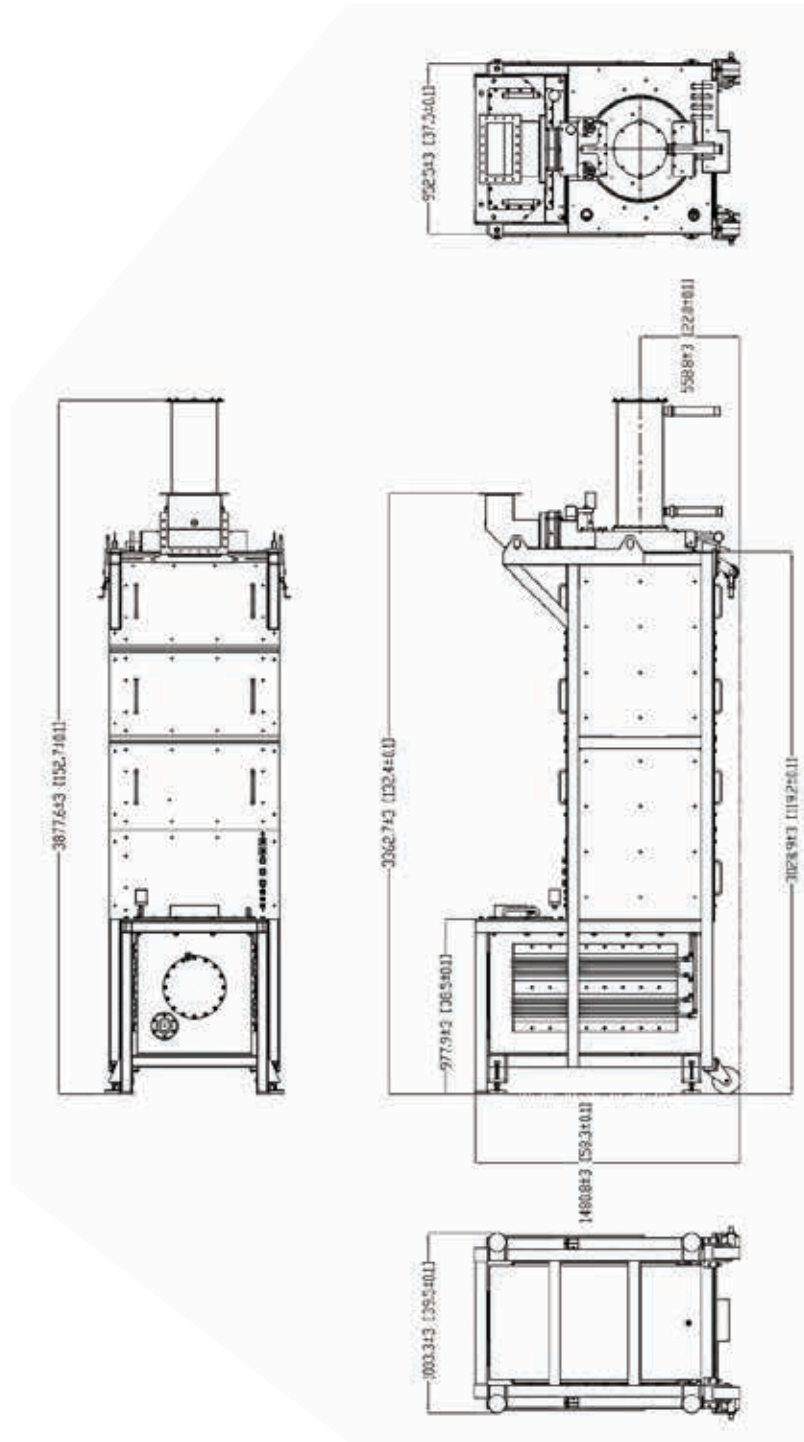
- High reliability & efficiency
- Proven long life designs
- Customizable models for your application

APPLICATIONS:

- Particle Accelerator



CPI 74 kW UHF-Band Pulsed Klystron: VKP-8292A



With a history of producing high quality products, we can help you with your klystron.

Contact us at MPPMarketing@cpii.com or call us at +1 650-846-2800. The data should be used for basic information only

Formal, controlled specifications may be obtained from CPI for use in equipment design.



**Microwave Power
Products Division**
811 Hansen Way
Palo Alto, California
USA 94304

tel +1 650-846-2800
fax +1 650-856-0705
email MPPMarketing@cpii.com
web www.cpii.com/MPP

For more detailed information, please refer to the corresponding CPI technical description if one has been published, or contact CPI. Specifications may change without notice as a result of additional data or product refinement. Please contact CPI before using this information for system design.

©2020 Communications & Power Industries LLC. Company proprietary; use and reproduction is strictly prohibited without written authorization from CPI.