

# X-Band KLYSTRON 3.4 kW

**T**his VKX2487B1 Klystron is designed for reliable hard-working, industrial microwave service.

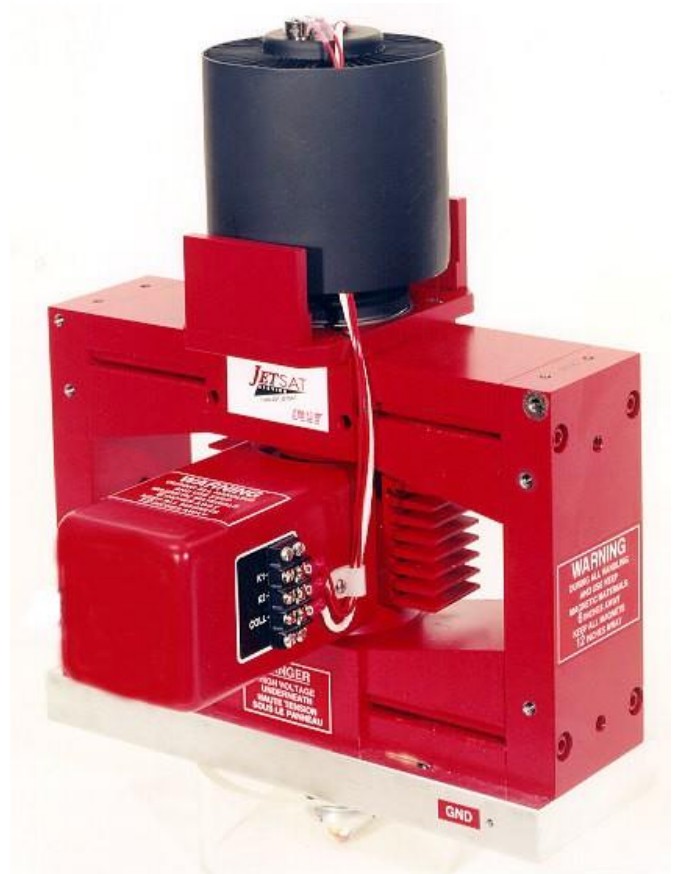
Compact, light weight Klystrons offer High Power Amplifier system integrators flexibility in configuration and location.

High output power in this standard commercial product reduces cost associated with custom designs and supply chain Management

Optimised for:

- power output with narrow bandwidth tuning.
- unattended operation at the insertion point.

CPI Canada is a recognized supplier of highest quality Klystrons providing service and support throughout the world.



## Typical Performance

Frequency range	7.9 GHz
Output power	3400 W
Instantaneous Bandwidth (-1dB)	30 MHz
Gain	50dB
Beam Voltage	8.7 kV
Beam Current	860 mA
Body Current	15 mA
Heater Voltage	5.6 V
Heater Current	5.8 A
Efficiency	40%

## Physical characteristics

Dimensions	See over
Weight	70 lbs.
Operating Orientation	any
Focusing	Integral Permanent Magnet
Cooling Forced air	1000 lb / hr
Waveguide	WR 112
RF Flange	Mates with UG-51/U

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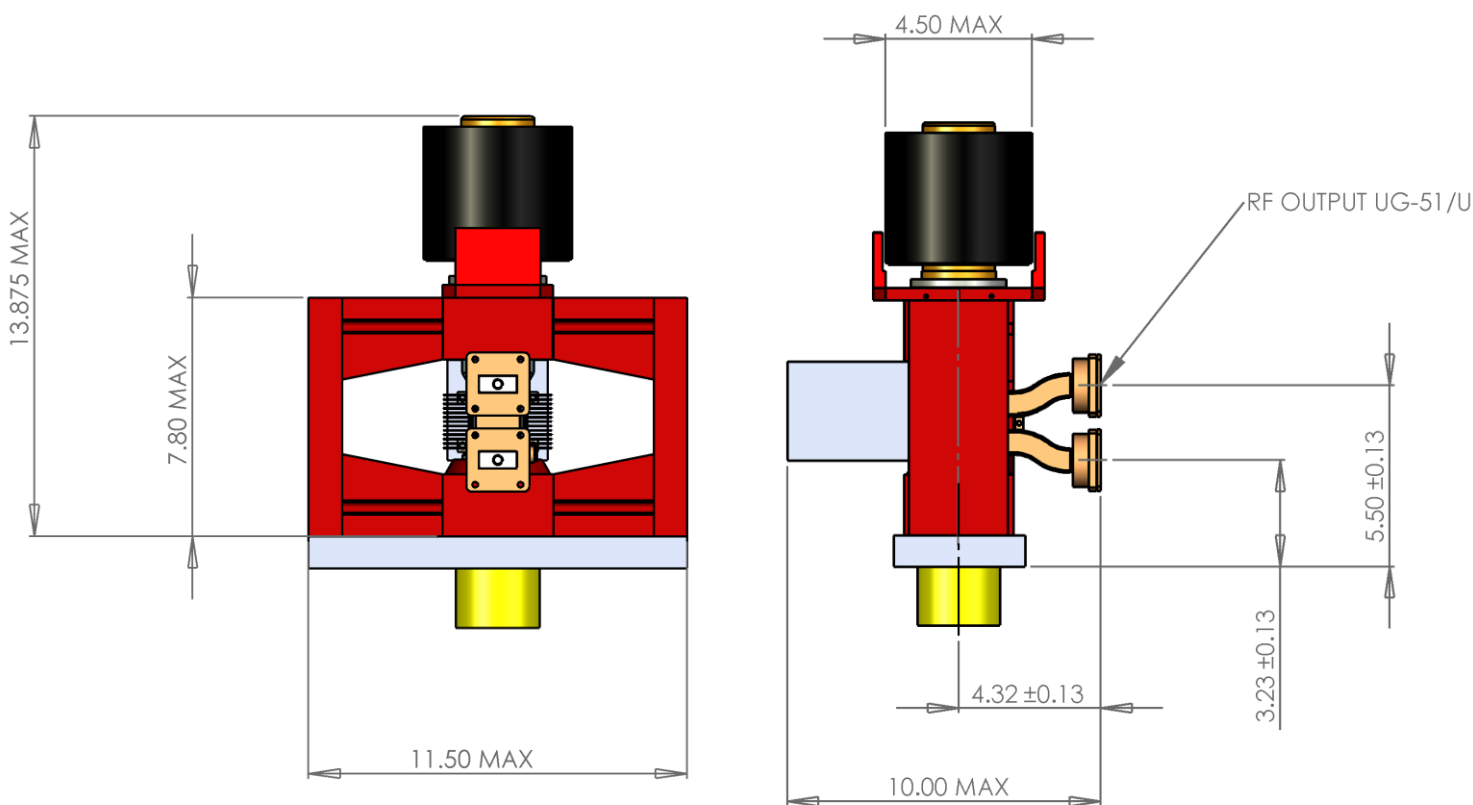
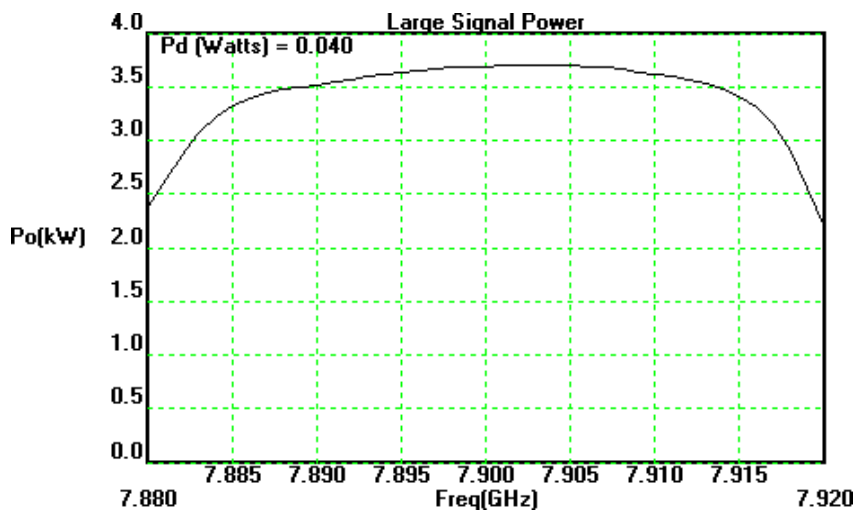
# VKX2487B1 Klystron

## Bandpass Curve

This plot demonstrates the Klystron's capability when operating at saturated maximum power .

### Specifications

Frequency	7.9 GHz
Power output	3.3kW
Efficiency	37 %
Power consumption	9.0 kW



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