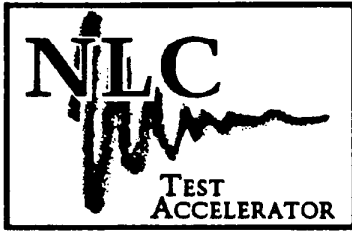


NLCTA-Note #63

April 1, 1997



**Subject:** Performance Characteristics for XL4-2a

**Authors:** A. Vlieks

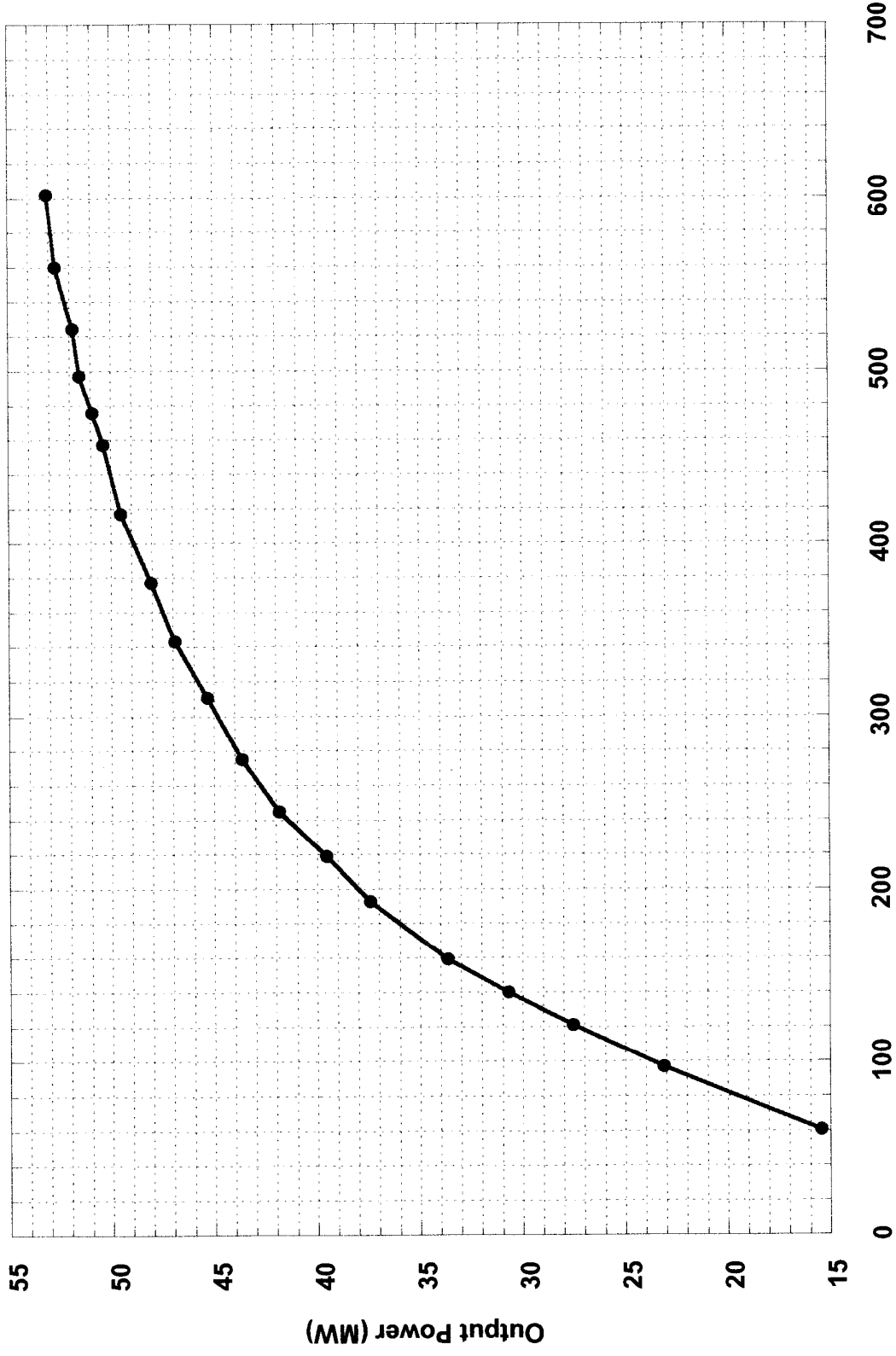
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The following is a set of parameters which should be used in the operation of XL4-2a.

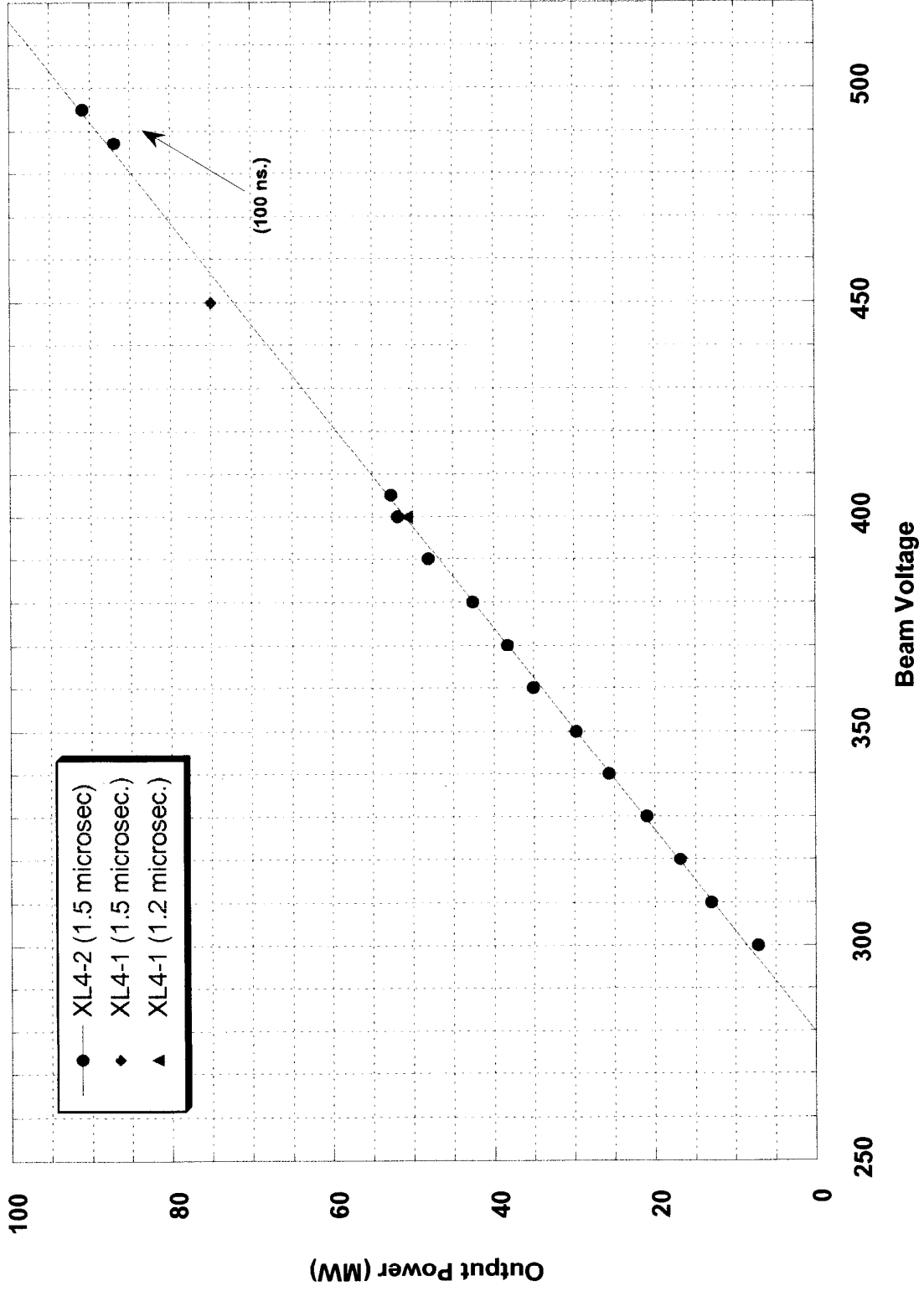
Filament current	23.5 A (@ approx. 18.3V)
Two Main solenoids	300A
Bucking Coil	-11.0A(nom.)

The following set of figures illustrate the performance characteristics of XL4-2a.

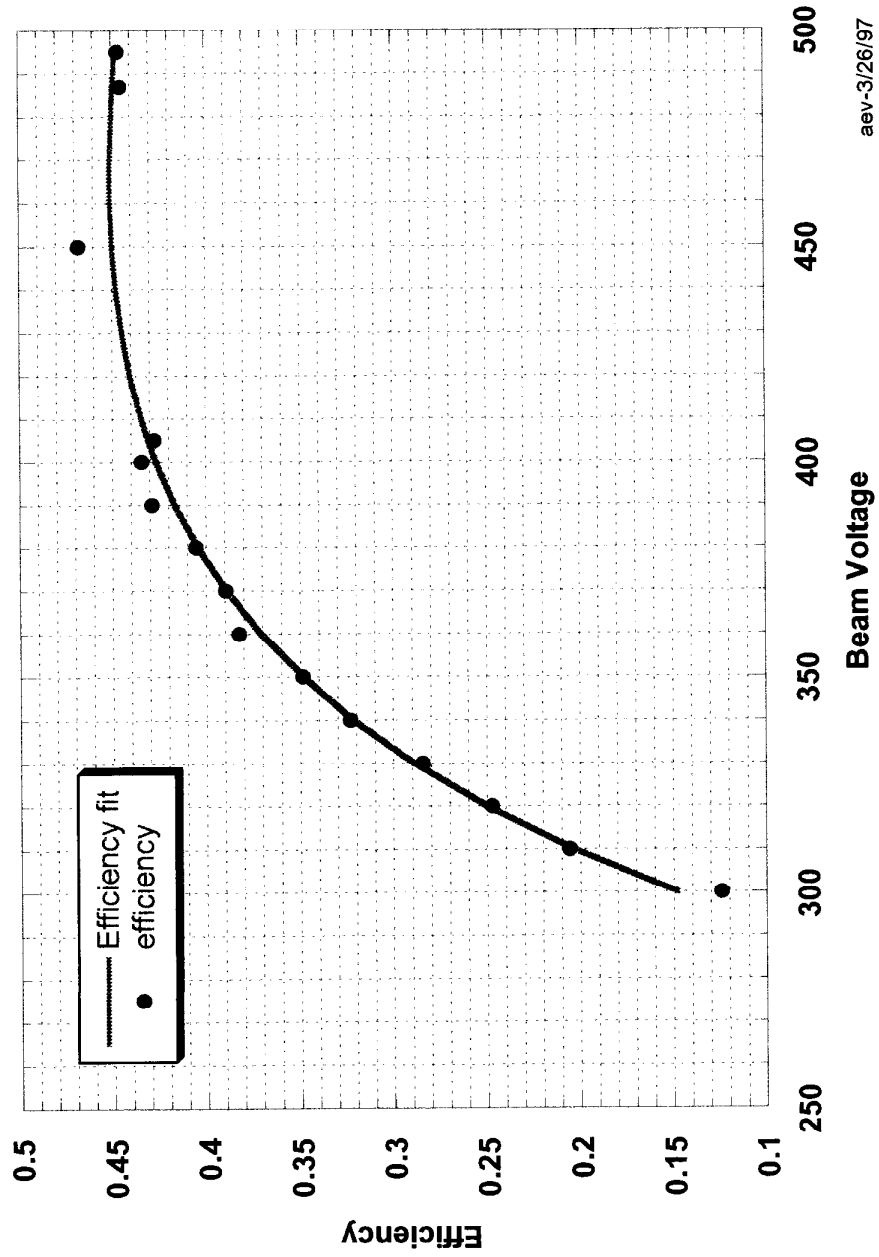
# RF Power at 405 KV beam voltage



# Output Power vs Beam Voltage for the XL4 Klystrons

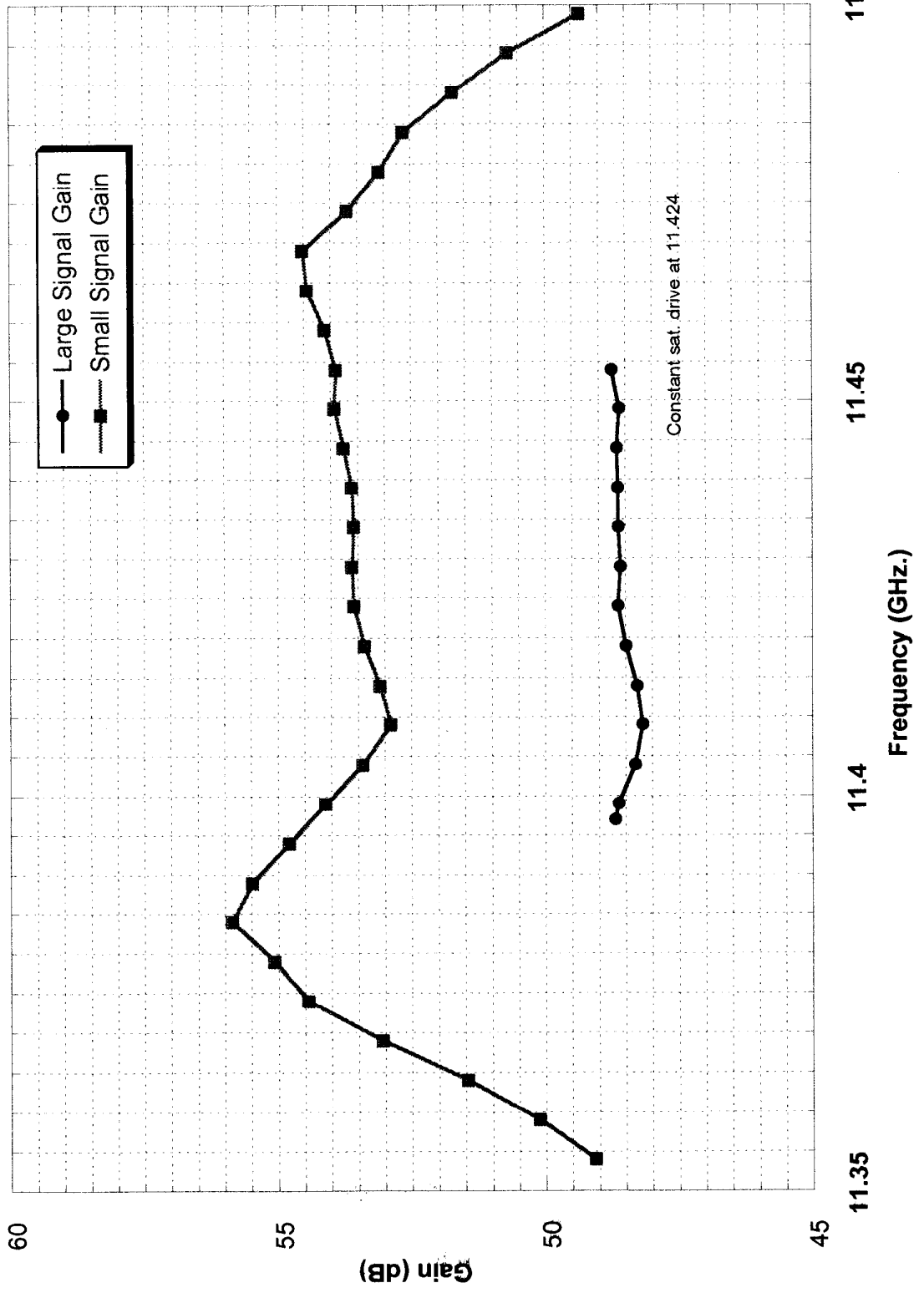


# XL4\_2a Klystron Efficiency



aev-3/26/97

# Frequency Response of XL4-2a



TL Curve for XL4-2a  
(Beam Voltage 400KV)

