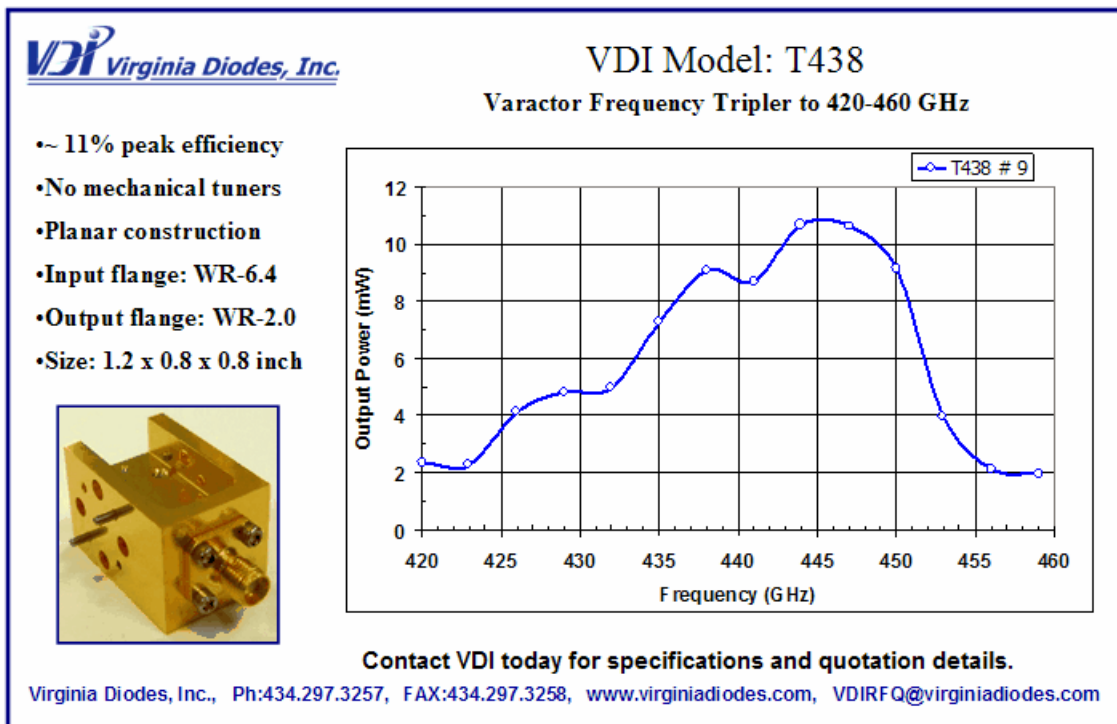


## ***New High-Efficiency Frequency-Tripler to 440GHz (VDI-T438)***

***June 2006***

VDI recently introduced a new high-efficiency frequency tripler for the 420-460 GHz band. The frequency tripler does not employ any mechanical tuners and may be electronically swept to any frequency in the band. The design is all solid state using planar GaAs technology. The tripler is mechanically and electrically robust. The peak efficiency is greater than 11% (100 mW drive at 148 GHz yields ~ 11 mW output power at 444 GHz). Versions of the new tripler design to 220 GHz and 750 GHz are under development.



<http://www.virginiadiodes.com/T438.htm>

***Please contact VDI today for additional details (434) 297-3257***