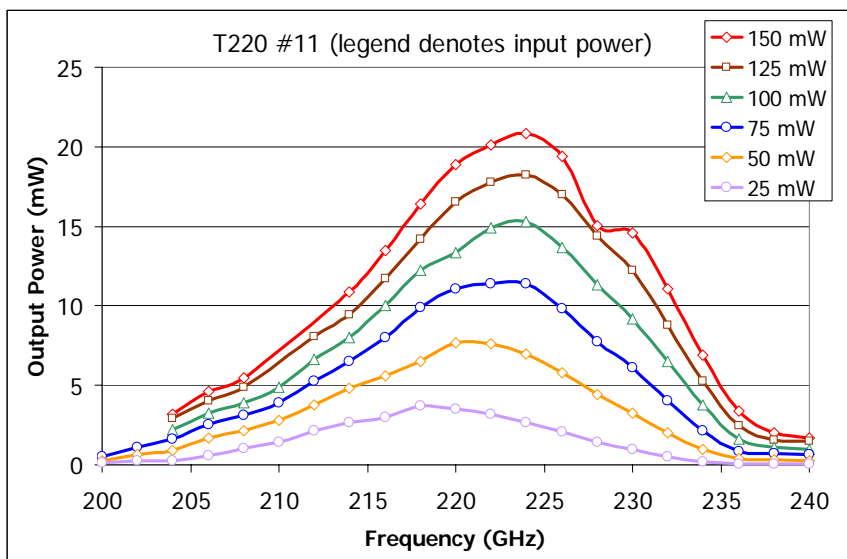
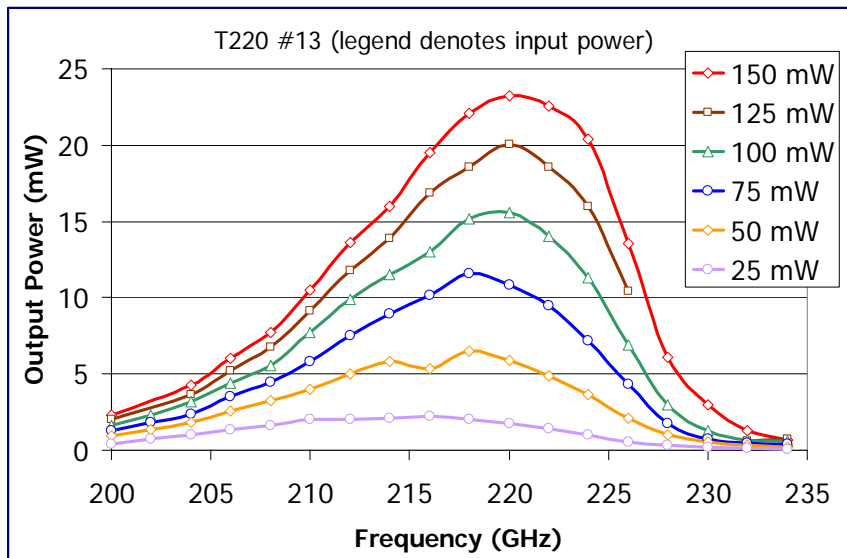


Virginia Diodes, Inc. (VDI) announces the release of the T220, a new high-efficiency frequency tripler to the 220 GHz band. Measured peak output power is approximately 23 mW, measured peak efficiency is approximately 16%, and the 3-dB bandwidth is about 7 %. This component has no mechanical tuners and can be electronically swept to any frequency within the band. The T220 can be adjusted during assembly to operate in higher or lower bands centered near 220 GHz. Initial test data for two of the assemblies are shown in the graphs below.



For more information, please contact VDI at 434-297-3257 or visit our website at www.virginiadiodes.com . Send email inquiries to VDIRFQ@virginiadiodes.com .