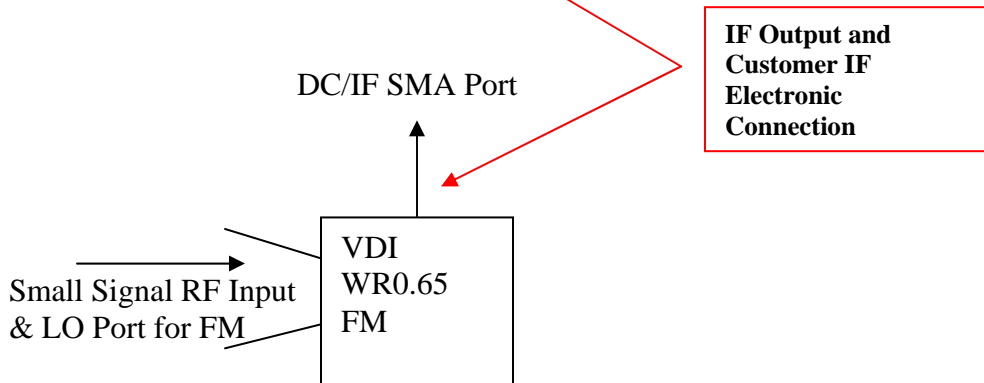
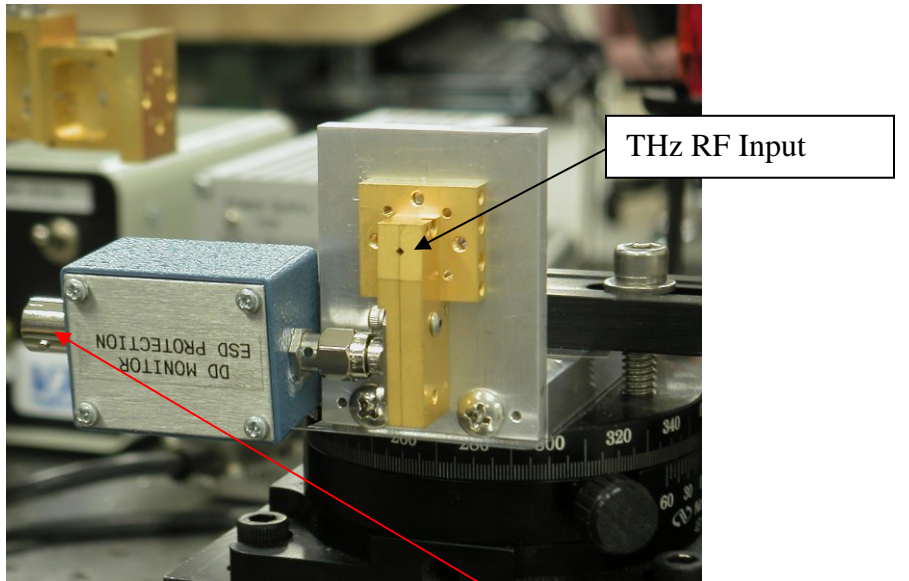


## 1.5 THz Mixer and Detector Development at VDI

October 2007

VDI has developed compact and all solid state 1.5 THz mixers & detectors. No mechanical-tuners or whisker-contacted-diodes are used. An integrated feedhorn for RF and LO input is included. Subharmonically pumped versions are also available. *For more information contact VDI Today.*



RF/LO Frequency	Responsivity (1 uA Bias Current)
1.1-1.7 THz	Approximately 150 V/W