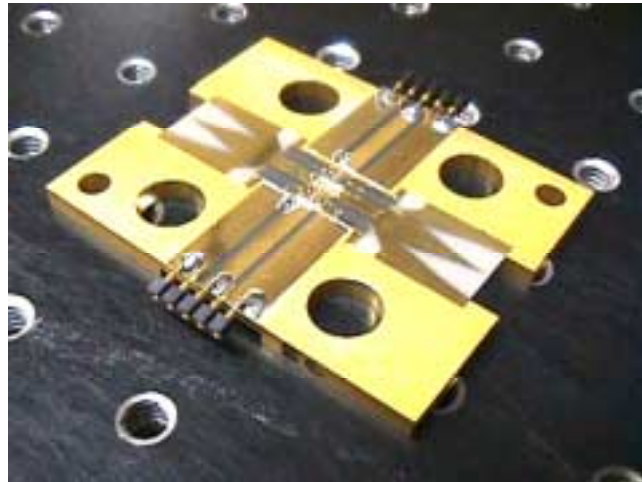




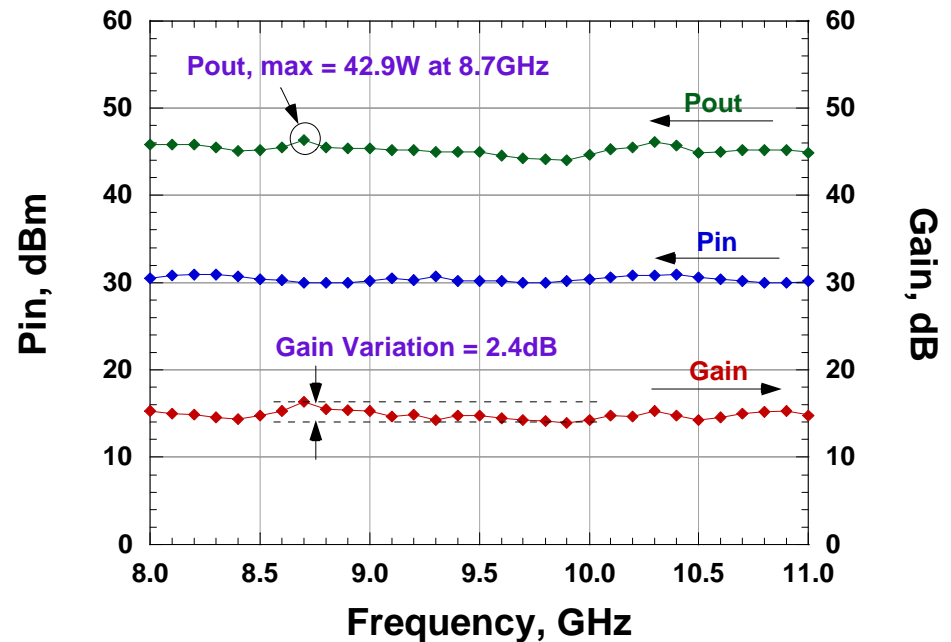
# 8-MMIC (4 tray) Combiner



Results presented at 1998 IEEE MTT Symposium (Baltimore), N.-S. Cheng and R. A. York, "20 Watt Spatial Power Combiner in Waveguide,"



- CW Operation (2x4 Array)
- $P_{out, max} = 42.9W$
- Combining Efficiency  $\approx 70\%$
- Gain =  $15.1 \pm 1.2dB$  @ 2dB Gain Compression



Primary Sponsorship through DARPA MAFET