

C-Band Radar - GaN Internally Pre-matched Discrete

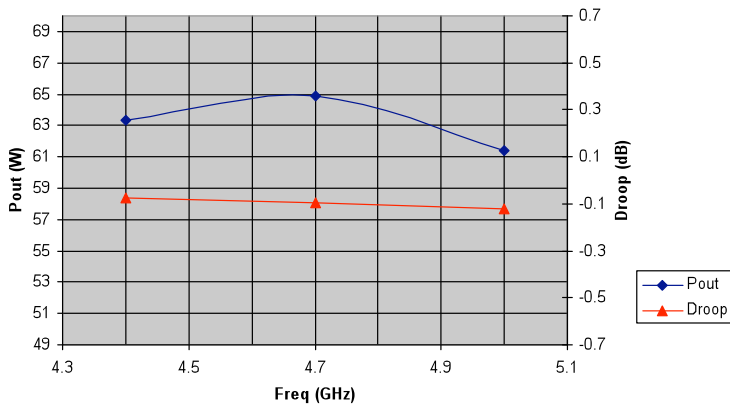


Integra introduces the IG4450M50 – an internally pre-matched discrete device based on gold metalized GaN technology.

- Output Power $\geq 50\text{W}$
- Gain: 14dB typ
- Efficiency: 53% typ
- Frequency: 4.4-5.0GHz, PW = 300 μs , DF = 10%
- $V_{\text{DD}} = 40\text{V}$, $I_{\text{DQ}} = 40\text{mA}$

IG4450M50

IG4450M50
Pout & Droop vs Freq
300 μs , 10%, 40V, 40mA



IG4450M50
Gain & IRL
300 μs , 10%, 40V, 40mA

