

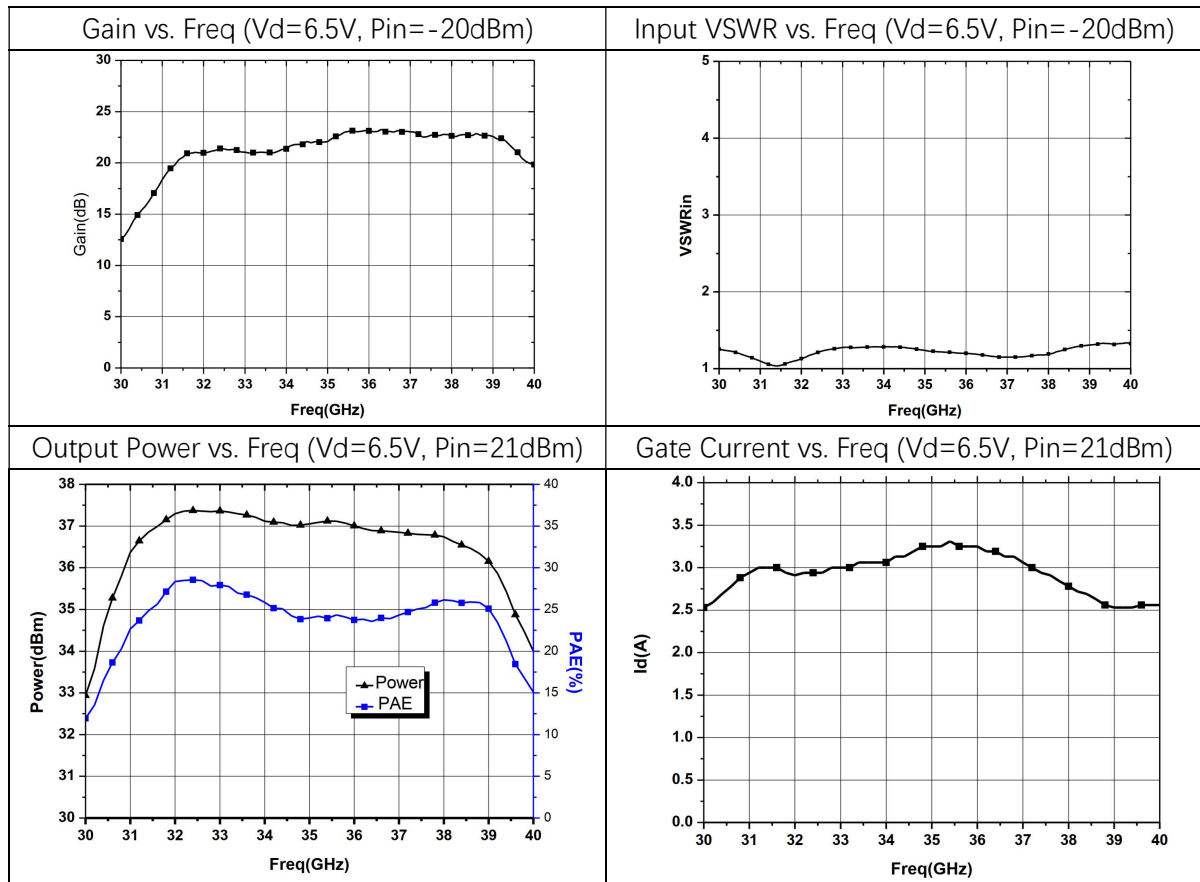
Performance

- Frequency: 33-37GHz
- Small Signal Gain: 21dB
- Output Power: 36dBm@6.5V
- Typical PAE: 23%
- Bias Voltage: 6.5V, -0.7V (Typ.)
- Size: 3.8*4.8mm*0.05mm

Electrical Specifications (Vd=6.5V, Vg=-0.7V, F=33-37GHz, 10% D.C. 10us PW)

Symbol	Parameter	Min	Typical	Max	Unit
G	Small Signal Gain	-	21	-	dB
GP	Power Gain	-	15	-	dB
Psat	Saturated Power	-	36	-	dBm
PAE	Power Added Efficiency	-	23	-	%

Test Curves

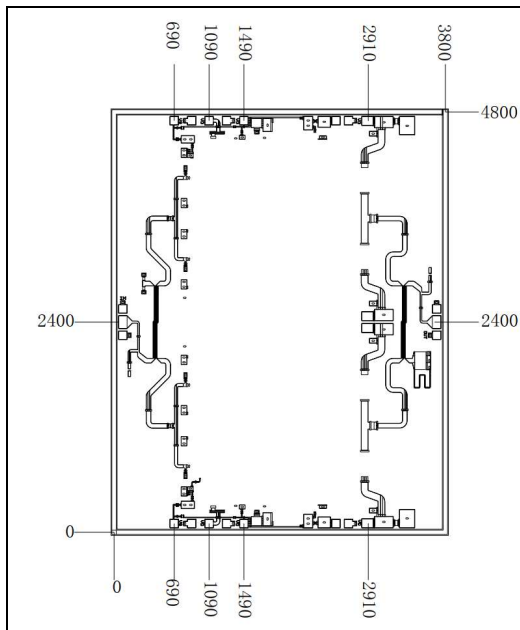


Absolute Max Ratings ($T_A=25^\circ\text{C}$)

Symbol	Parameter	Value	Remark
Vd	Drain Voltage	7.5V	
Id	Drain Current	5.5A	
Vg	Gate Voltage	-5V	
Ig	Gate Current	50mA	
Pd	DC Power	35W	
Pin	Input Power	28dBm	
Tch	Channel Temperature	150°C	
Tm	Mounting Temperature	300°C	1 min, N ₂ Protection
Tstg	Storage Temperature	-55~175°C	

Exceeding any one or combination of these limits may cause permanent damage.

Outline Size



Assembly Drawing

