

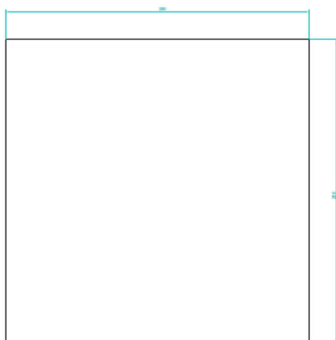
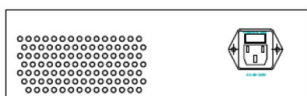


同軸アンプモジュール・装置

ローノイズ、ドライバ、パワーアンプ
DC電源、AC100V電源
低ロス・高アイソレーションスイッチ
MMIC、PINダイオード

6~12GHz, 50W パワーアンプ
AC100V電源

6 to 12GHz GaN Psat 50W POWER AMPLIFIER

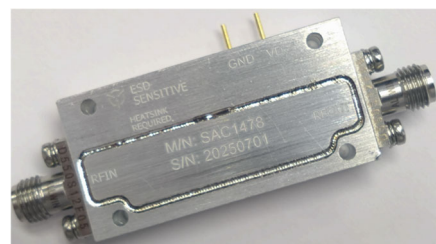


Package	Coaxial		
Frequency Min.	6GHz		
Frequency Max	12GHz		
Power Gain	20dB~30dB		
Variable gain	10dB		
Gain Flatness	+/-3.0dB		
Max Input without damage	30 dBm min.		
Input VSWR	1.7:1 Typ.	2.0:1 max.	
Output P _{sat} dB	47dBm min.		
Supply Voltage(+VDD)	AC 90~240V/50/60Hz		
Connector In	2.92mm(F)		
Connector Out	2.92mm(F)		



250 x 250 x 73.5mm

2~6GHz, 0.5W
アンプ

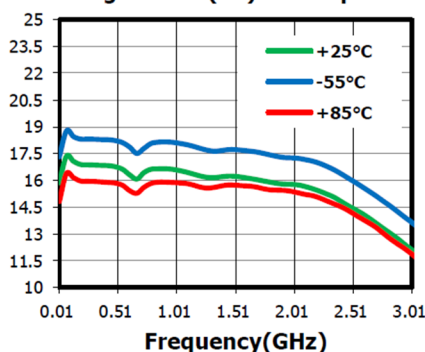


Package	Coaxial	
Frequency Min.	20GHz	
Frequency Max	6GHz	
Gain Min.	25dB	
Gain Flatness	+/-2.0dB	
Noise figure	6.5dB	7.5dB max.
Input VSWR	1.7:1	2.0:1 max.
Output VSWR	1.7:1	2.0:1 max.
Output P _{sat} dB	27dBm min.	
Temperature Range	-40~+70°C	
Supply Voltage(+VDD)	+14~+17v	
Supply Current	450nA ,	550nA max.

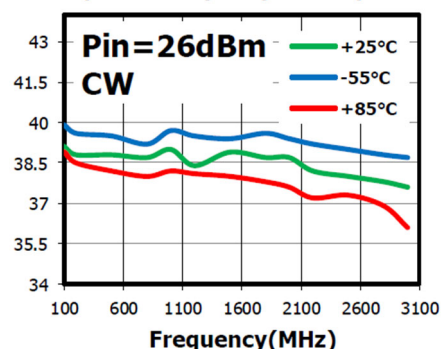
Power Amplifier 9KHz~3GHz, 5W

Frequency: 9KHz~3GHz
 Small Signal Gain: 15dB
 Output Power: 37dBm
 PAE: 40%
 Package Size: 5mm × 5mm
 Supply Voltage: +28V/-Vg

Small Signal Gain(dB) vs. Temperature



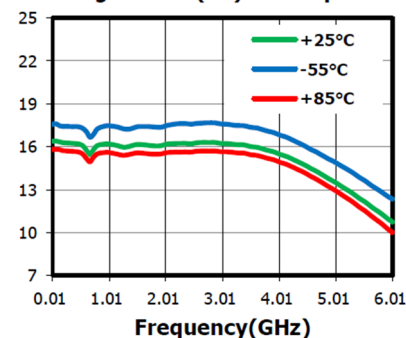
Output Power(dBm) vs. Temperature



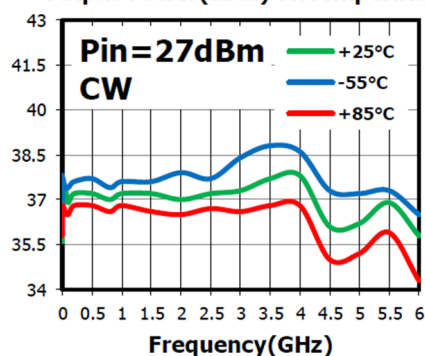
Power Amplifier 9KHz~6GHz, 35dBm

Frequency: 9KHz~6GHz
 Small Signal Gain: 14dB
 Output Power: 35dBm
 PAE: 38%@6GHz
 Package Size: 5mm × 5mm
 Supply Voltage: +28V/-Vg

Small Signal Gain(dB) vs. Temperature

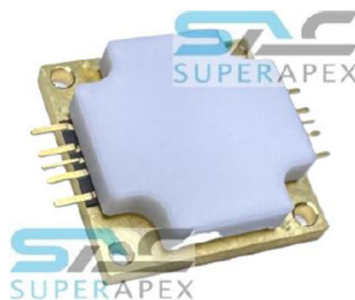


Output Power(dBm) vs. Temperature

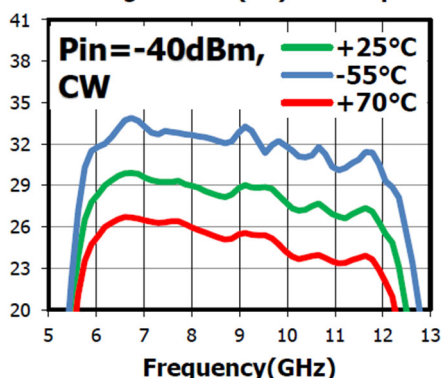


Power Amplifier 6~12GHz, 42dBm

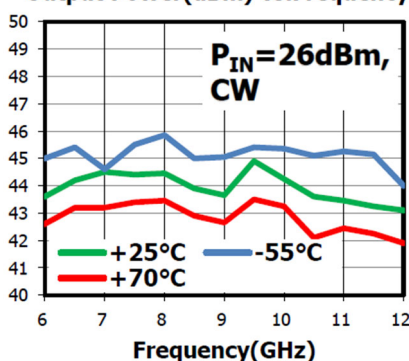
Frequency: 6GHz~12GHz
 Small Signal Gain: 26dB
 CW Output Power: 42dBm
 PAE: 20%
 Package: Flange (CR12)
 Supply Voltage: +28V/-Vg



Small Signal Gain(dB) vs. Temperature



Output Power(dBm) vs. Frequency



PAE(%) vs. Frequency

