

18-26.5GHz 1W Power Amplifier

P/N: MZPA18265GA1W



Description:

The power amplifier is a 1W power amplifier with a typical small signal gain of 21 dB across the frequency range of 18 to 26.5 GHz. The typical output power P-1 31dBm. The DC power requirement for the amplifier is +12 VDC/1.2 A. Accept customization according to different needs.



- Radar Systems
- Communication Systems
- Receivers Systems

Electrical Specifications (+25°C) :

Parameter	Min.	Typ.	Max.	Units
Frequency Range		18-26.5		GHz
Gain	18	21		dB
Gain Flatness		±2.0	±2.5	dB
Input VSWR		2.0	2.5	-
Output VSWR		2.0	2.2	-
Output Power for (P1dB)	30	31		dBm
Output Power Psat		32		dBm
Spurious		-60		dBc
Input Max Power(no damage)			+15	dBm
DC Current (Vcc=+12V)		0.5	1.2	A
Impedance		50		Ω
Input/Output Connector	2.92mm-Female/2.92mm-Female			
Material	Aluminium/Gold Painting			
Weight	25g			
Package Sealing	General Sealing (Standard)			

Environmental Specifications:

- ※ Operational Temperature -25°C~+85°C
- ※ Storage Temperature -55°C~+125°C



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MICZEN THCHNOLOGIES CO.,LTD.

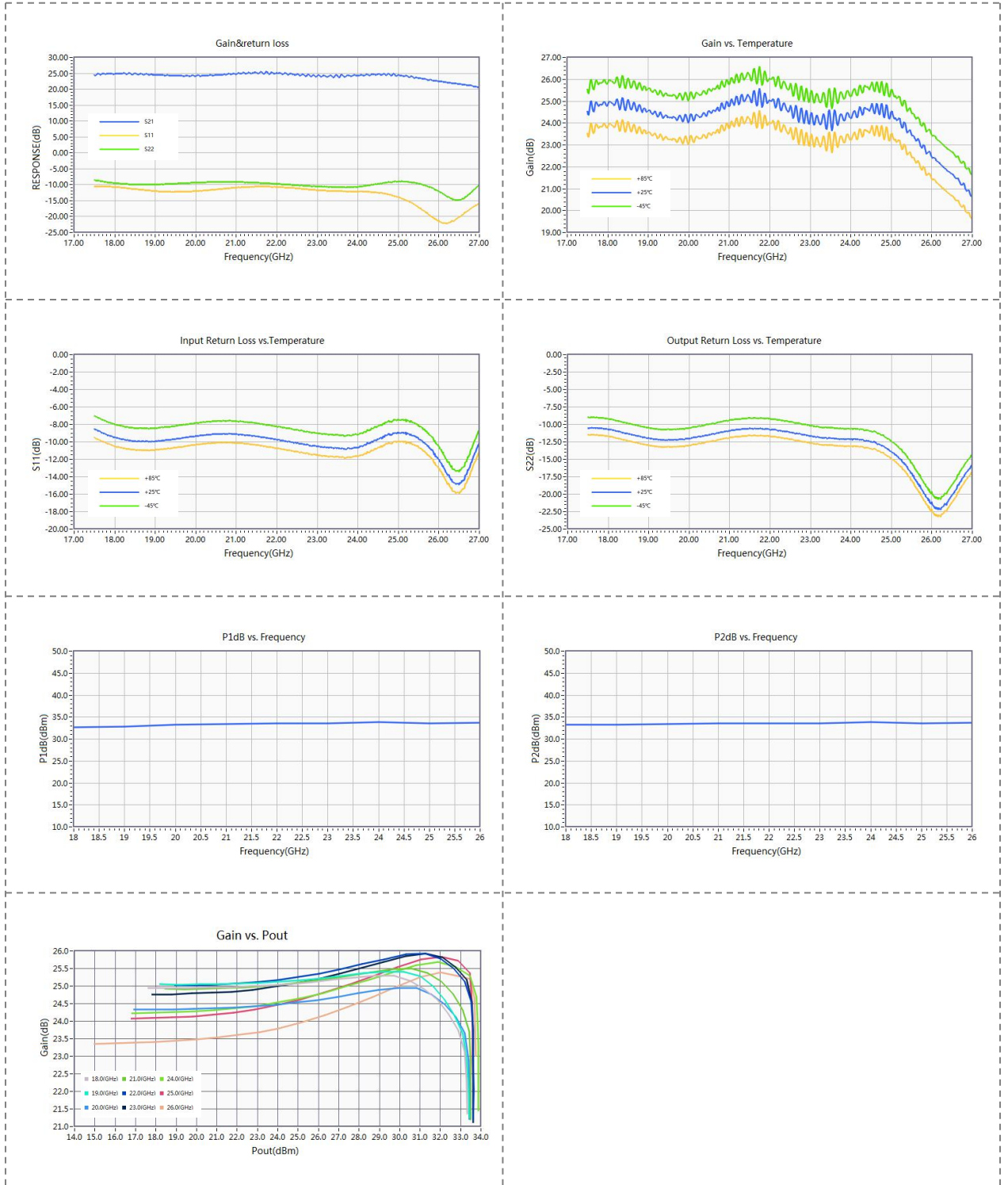
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Performance Plot



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