

MAM081086-G35P28 Power Amplifier

Features

Power Amplification

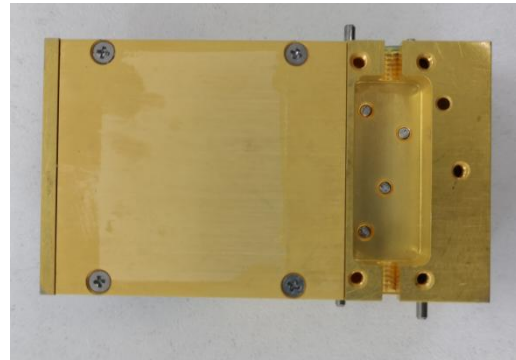
Psat: 13dBm

Built-in voltage regulator circuit

Applications

Instruments and meters

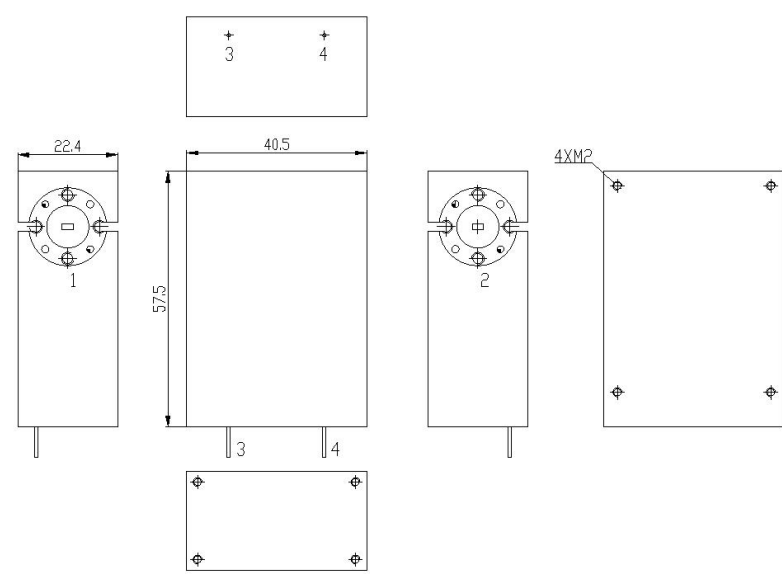
Terahertz Transceiver Systems



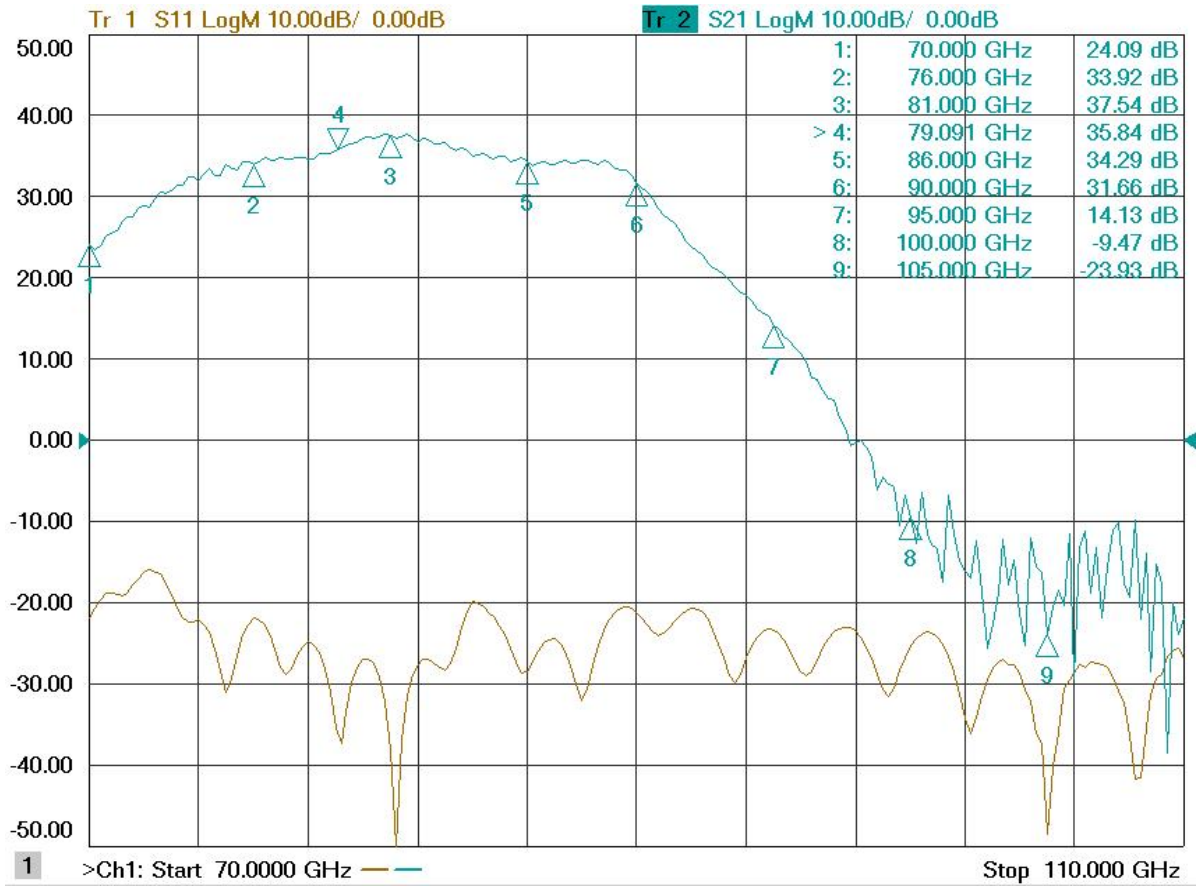
Electrical Specifications Table

Parameter	Condition ($T_A=25^{\circ}\text{C}$)	Limit			Unit
		Min.	Typ.	Max.	
1.Frequency	V1=+5V	81		86	GHz
2.Gain			35		dB
3.Psat			28		dBm
4.Input Port			WR-10		
5.Output Port			WR-10		
6.Current				1430	

Outline Drawing



Gain vs. Frequency Curve



Output Power Data Table

Frequency (GHz)	Output Power (dBm)
81	28.8
82	29
83	28.9
84	28.6
85	28.4
86	28.3

Input Power vs. Output Power Curve

