

## MAM088098-G15P22 Power Amplifier

### Features

Power Amplification

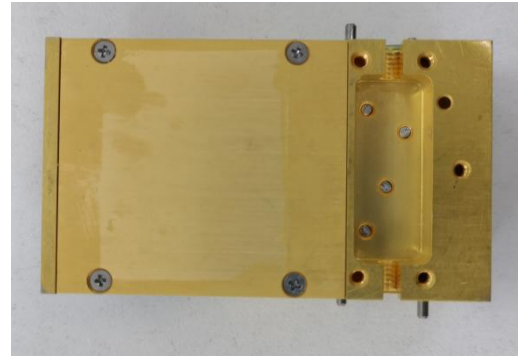
Psat: 22dBm

Built-in voltage regulator circuit

### Applications

Instruments and meters

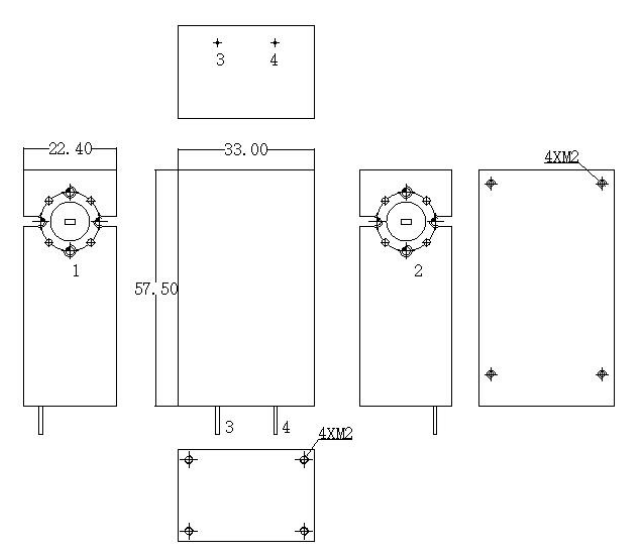
Terahertz Transceiver Systems



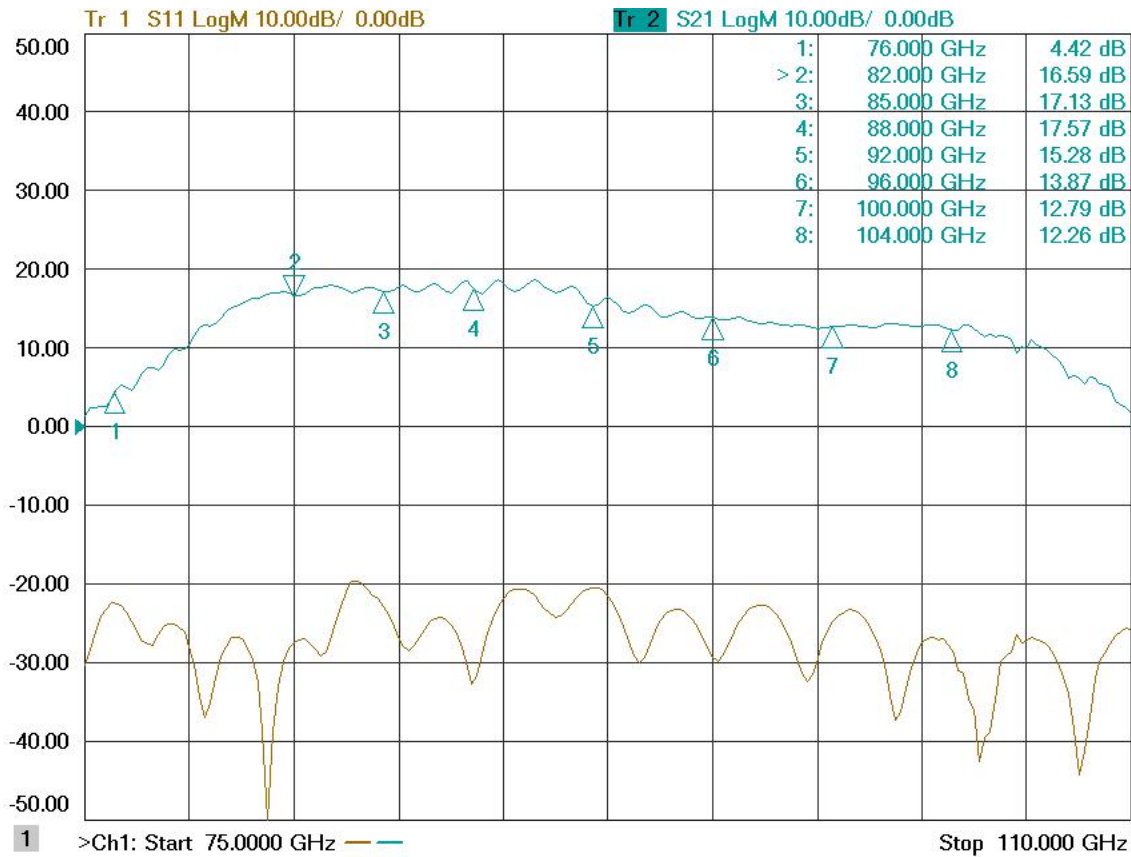
### Electrical Specifications Table

Parameter	Condition ( $T_A=25^{\circ}\text{C}$ )	Limit			Unit	
		Min.	Typ.	Max.		
1.Frequency	V1=+6V	88		98	GHz	
2.Gain			15		dB	
3.Psat				22		dBm
4.Input Port				WR-10		
5.Output Port				WR-10		
6.Current				950		mA

### Outline Drawing



### Gain vs. Frequency Curve



### Output Power Data Table

Frequency (GHz)	Output Power (dBm)	Frequency (GHz)	Output Power (dBm)	Frequency (GHz)	Output Power (dBm)
88	20.5	91.5	21	95	22.8
88.5	20.4	92	21.5	95.5	22.9
89	20.3	92.5	21.5	96	22.9
89.5	20.3	93	22.1	96.5	23
90	20.2	93.5	22	97	23
90.5	20.4	94	22.2	97.5	22.9
91	20.7	94.5	22.3	98	22.5