

Power Amplifier Module

Product Features

- Frequency: 210-230GHz
- Psat: 20dBm
- Small Signal Gain: 12dB
- DC: 5V@1100mA
- Over-voltage and under-voltage protection



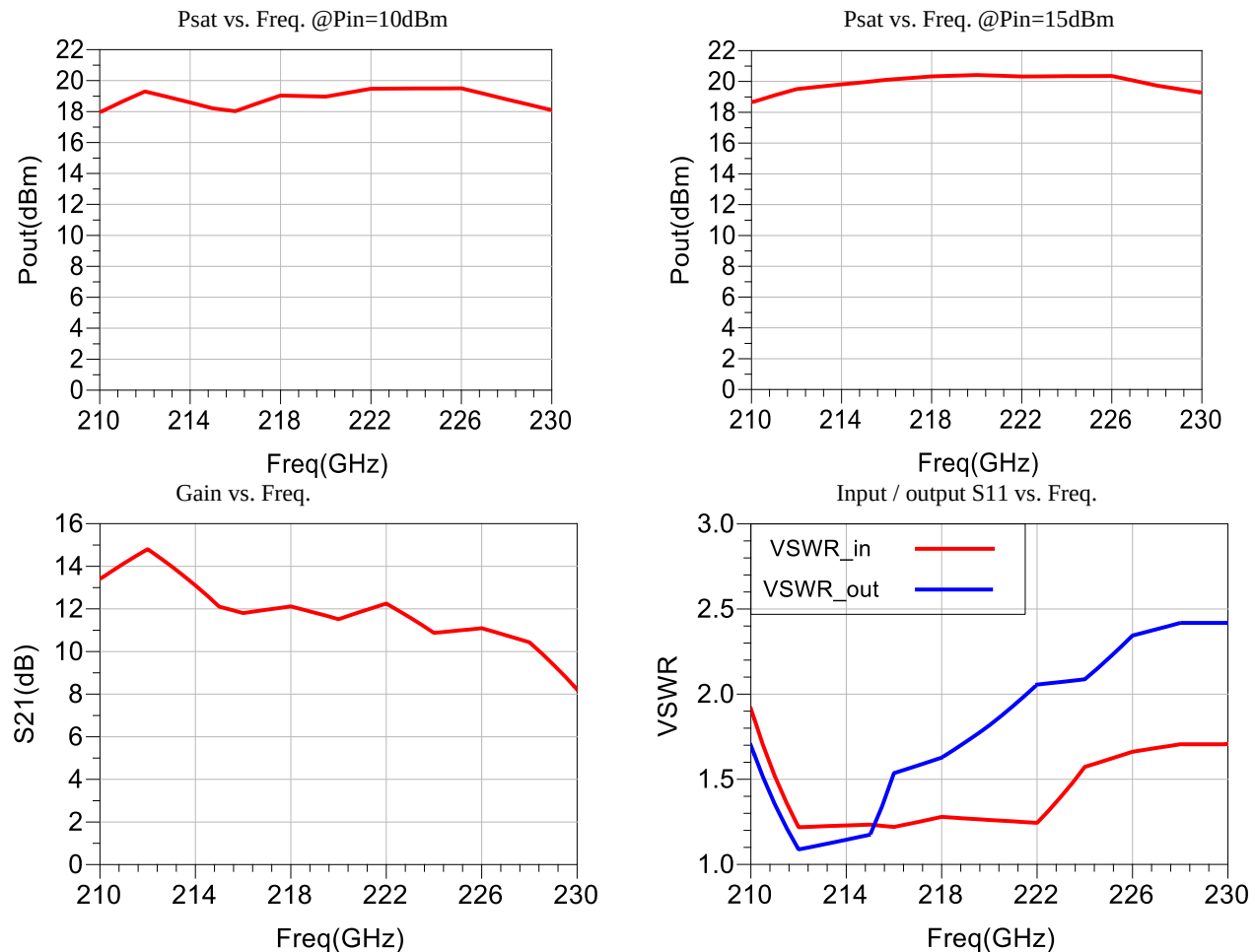
Electrical Specs:

Parameter	Minimum	Typical	Maximum
Frequency Range(GHz)	210		230
Small Signal Gain(dB)	8	12	14.5
Psat(dBm)	18.6	20	20.4
Input Power(dBm)			17
Input S11(dB)		1.5	
Output S11(dB)		2.0 dB	
DC Voltage(V)		+5	+8
DC Supply Current(mA)		1100	1150
Specification Temperature(°C)		+25	
Operating Temperature(°C)	-55		+85

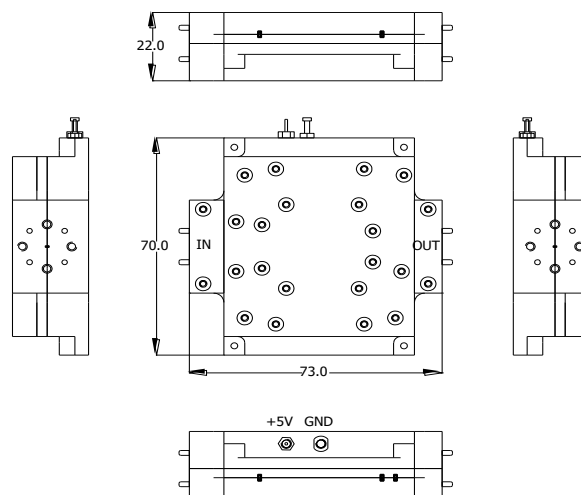
Mechanical Specs:

Item	Specification
Input	WR-4 Waveguide with W/UG-387/U-M Flange
Output	WR-4 Waveguide with W/UG-387/U-M Flange
Size (W×L×H)	73 mm×70 mm×22mm; Tolerance: ±0.1mm

Measured Performance:



Mechanical Outline:



Notes:

1. Datasheet may be changed according to update of MMIC, Raw materials , process, and so on.
2. This data is the typical performance for the reference.