



**MTPA20060230301**

**20M-6G 1W**

## MODEL DESCRIPTION

MTPA20060230301 is a complete solid state microwave power amplifier module that features high efficiency, high output power and wide dynamic range. It is based on advanced microwave device technology and provides long-term reliability and high ruggedness.

## FEATURE

20M-6G ultra-broadband

Psat: 1W

High efficiency, High reliability and ruggedness

Good linearity, Low distortion

Applications: Test& Measurement, Broadcasting, Communication etc.

## GENERAL SPECIFICATION

Parameter	Unit	Min.	Typical	Max.
Frequency	MHz	20	-	6000
Power Gain(@Psat)	dB	-	30	-
Gain Flatness	+/-dB	-	2	-
Psat	dBm	-	30	-
INPUT Return Loss	dB	-	-10	
OUTPUT Return Loss	dB	-	-10	-
Maximum input power	dBm	-	5	-
Harmonic(@specific output power)	dBc	-	-10	-
Spur	dBc	-	-60	-

## ENVIRONMENTAL SPECIFICATIONS

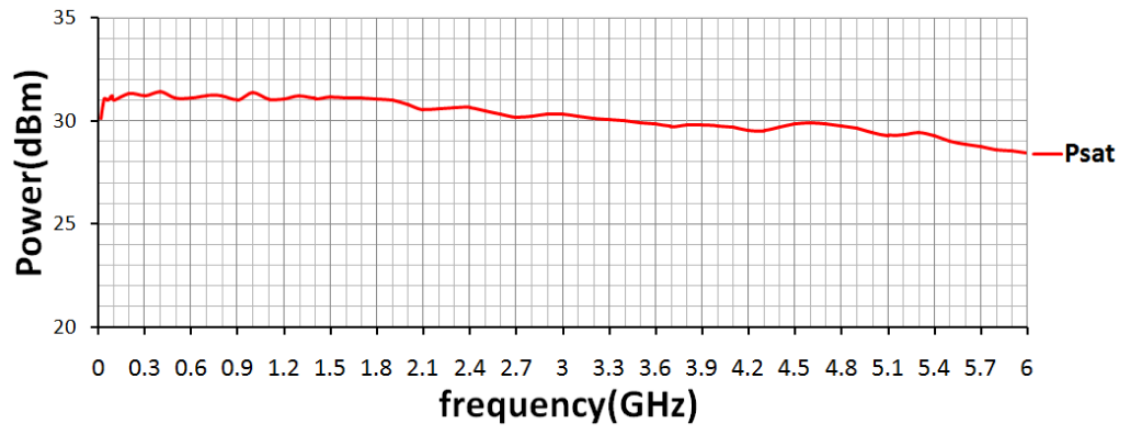
Parameter	Unit	Min	Typical	Max
Voltage	V(DC)	-	12	13
Current	A	-	0.5	-
Operating Temperature	°C	0	-	50
Non-Operating Temperature	°C	-20	-	65

## MECHANICAL SPECIFICATIONS

Parameter	Unit	Min	Typical	Max
Dimensions LxWxH	mm		113.1x65x18.5	
Weight	Kg		0.3	
RF Input&Output			SMA-F	



TEST GRAPH



MODEL APPEARANCE (mm)

