

TWPA0226504000A

2 Watt, 26.5-40 GHz Power Amplifier



Main Features

- Wideband Ka-Band Power Amplifier
- 1dB Compression Output Power Level : 32 dBm typ
- Gain : 37 dB Typical
- 2.92 mm Connectorized
- Supply voltage: 85-264 VAC

Typical Applications

- Wireless Infrastructure
- Military & Aerospace
- RF Microwave & VSAT
- Test Instrumentation

Electrical Specifications:

Parameter	Unit	Min.	Typ.	Max.
Frequency Range	GHz	26.5		40
Small Signal Gain	dB		37	
1dB Compression Output Power Level	dBm		32	
Saturated Output Power Level	dBm		34	
Input VSWR	:1		2.0	2.35
Output VSWR	:1		2.0	3.0
Input Power Level (no damage)	dBm			12

Environmental Specifications:

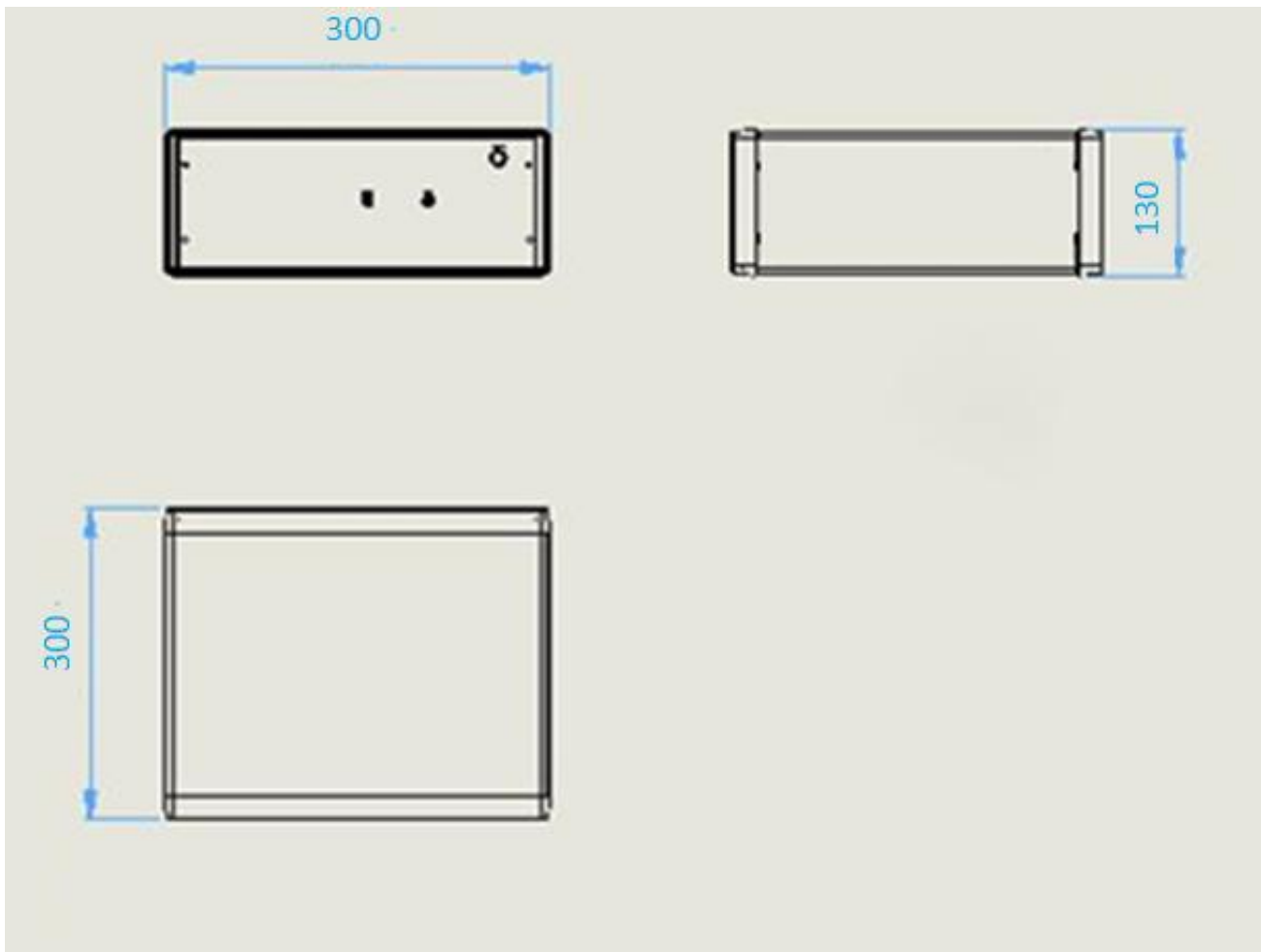
Parameter	Unit	Min.	Typ.	Max.
Operating temperature	°C	-20		+60
Storage temperature	°C	-40		+85

Mechanical Specifications :

Parameter	Unit	Specification
Dimension	mm	300 * 300 * 130
RF connectors		2.92 mm Female
Material		Aluminum

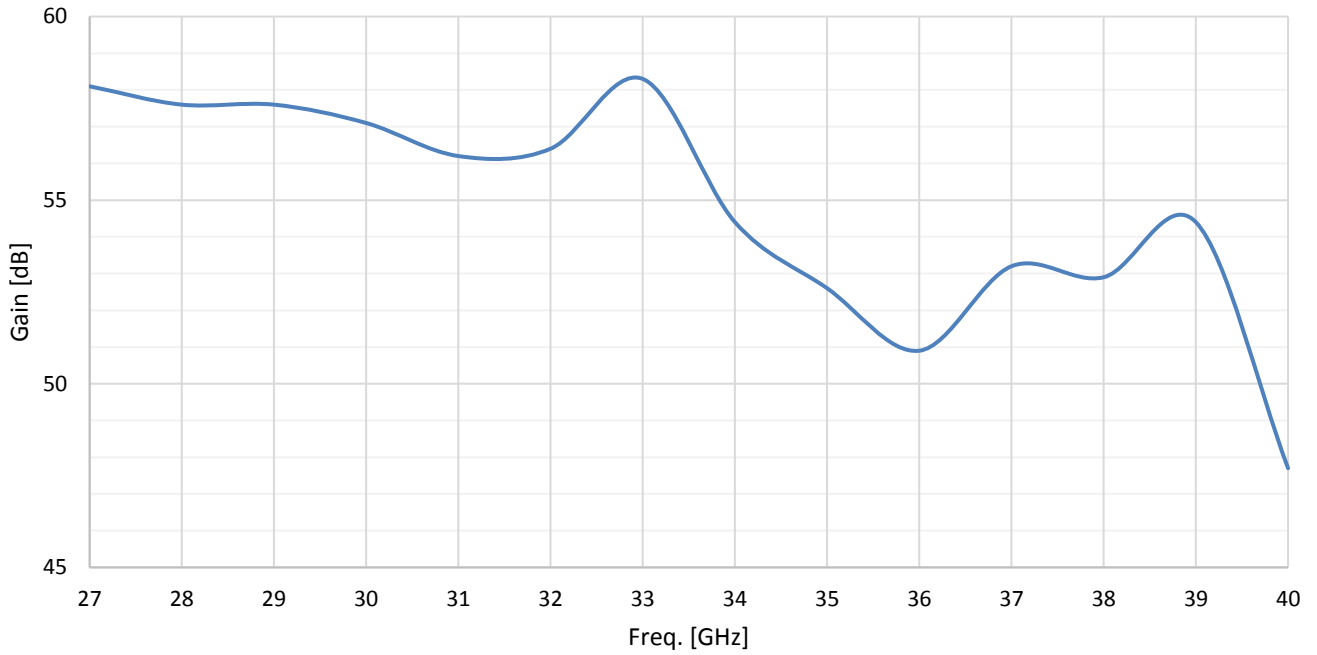
Outline Drawing :

All dimensions are in mm



Measurement curves :

Gain



OP1dB

