

FEATURES

- Wide Bandwidth
- Low Power Consumption
- Low Noise Figure
- Miniature Sizes, Field Removable connector
- Compact/Rugged Thin-Film Construction

APPLICATIONS

- Microwave Radio & VSAT
- Military & Space
- Test Instrumentation
- Fiber Optics



ELECTRICAL SPECIFICATIONS@25°C:

Parameter	Min	Typical	Max	Units
Frequency Range	6		18	GHz
GPower Gain@Pout=53.5dBm	60		65	dB
Power Gain Flatness@Pout=53dBm			±2.5	dB
Linear Gain	74		80	dB
Linear Gain Flatness			±3	dB
Psat Output Power@CW	53.5	54		dBm
Spurious@Pout=53.5dBm	60			dBc
Second Harmonics@Pout=53.5dBm	7	10		dBc
Third Harmonics@Pout=53.5dBm	20			dBc
Input VSWR			1.8:1	Ratio
Input Voltage	220VAC : Current@Pout=53.5 is 9.5A Static Current:4.3A			
Human-computer Interface	LCD display information:FWD Power, Temperature, Voltage, Current			
Program Control Interface	RS232 and Ethernet			

Note:1.Over temperature protection, Over voltage protection; Bias sequence protection;
 2.Detection function output:REV Power;FWD Power;Over Temperature; Over Voltage ;
 3.Pulse Response Time:200ns max; Pulse Width:200µs; Duty Cycle 10% .
 4.Power Consumption : 4000W max full band

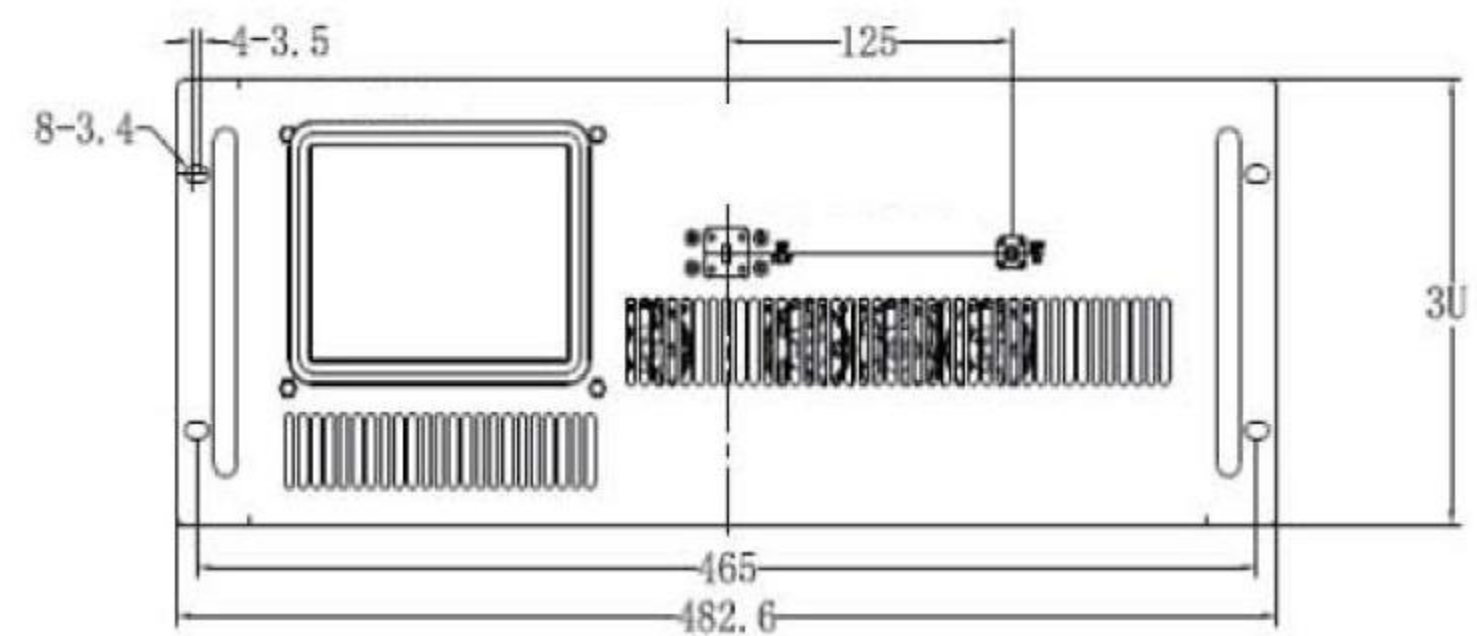
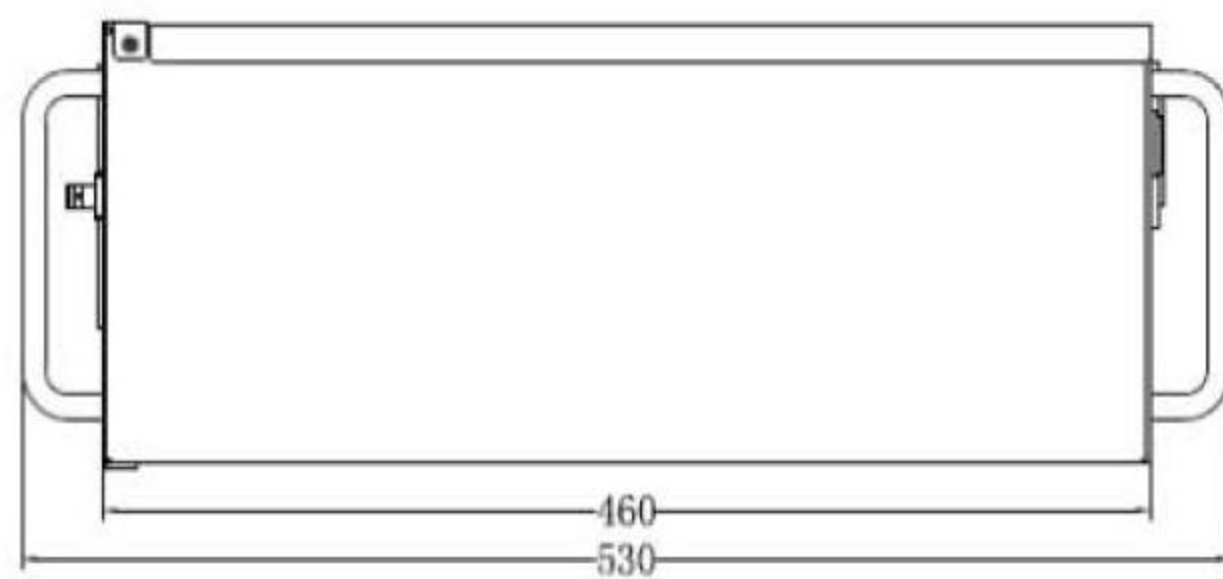
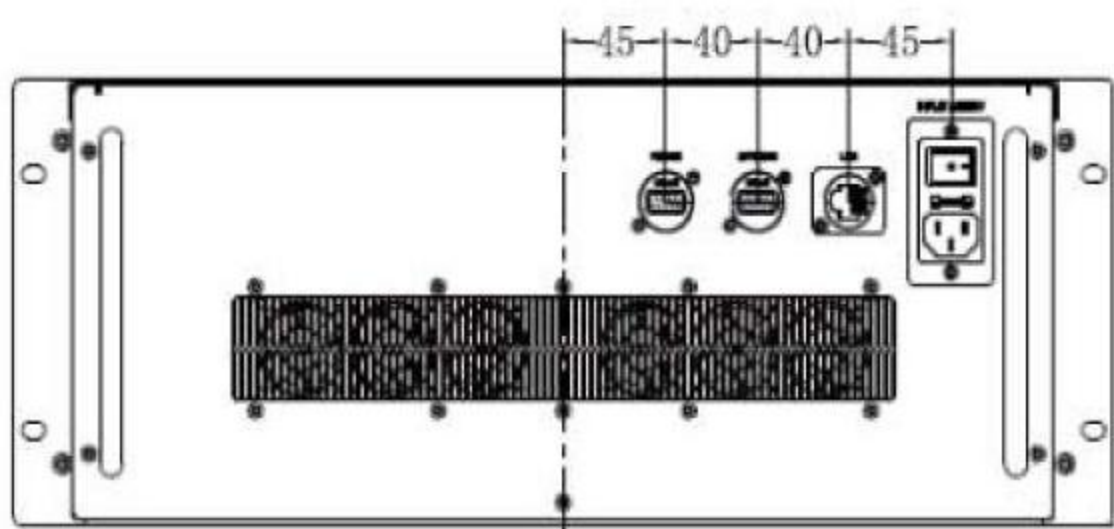
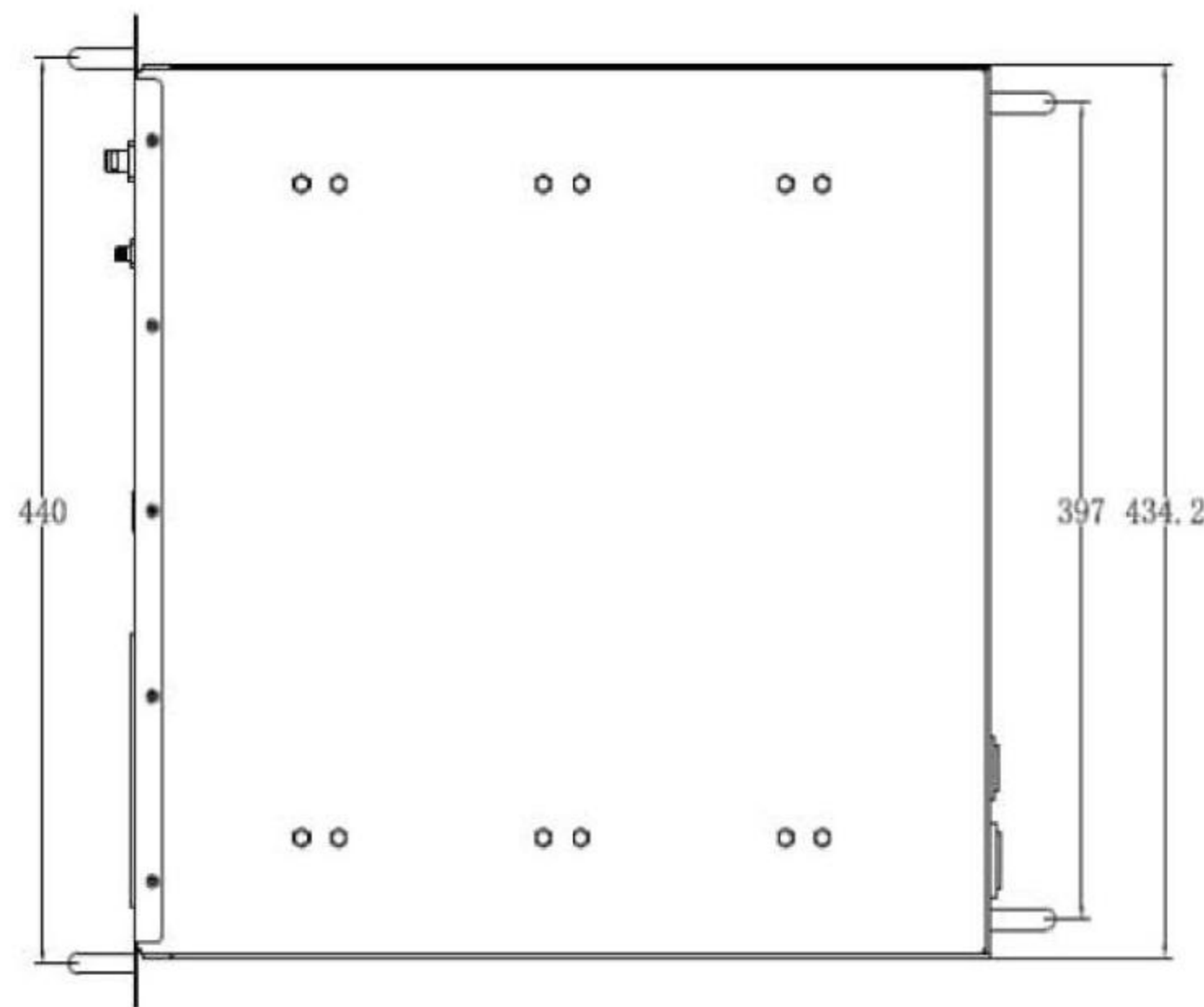
ENVIRONMENTAL RATINGS:

Parameter	Min	Typical	Max	Units
Max Input power			+10	dBm
Operating Temperature	-20		+50	°C
Non-operating Temperature	-45		+70	°C
Relative humidity (non-condensing)		90		%
Altitude		TBD		feet
Shock / Vibration		TBD		

MECHANICAL SPECIFICATIONS:

Parameter	Value	Limits	Units
Dimensions	5U	Max	Milimeter
Weight	50	Max	Kg
RF Connectors Input	N-F		
RF Connectors output	N-F		
Impedance	50		ohms

OUTLINE DRAWING(mm):



3U