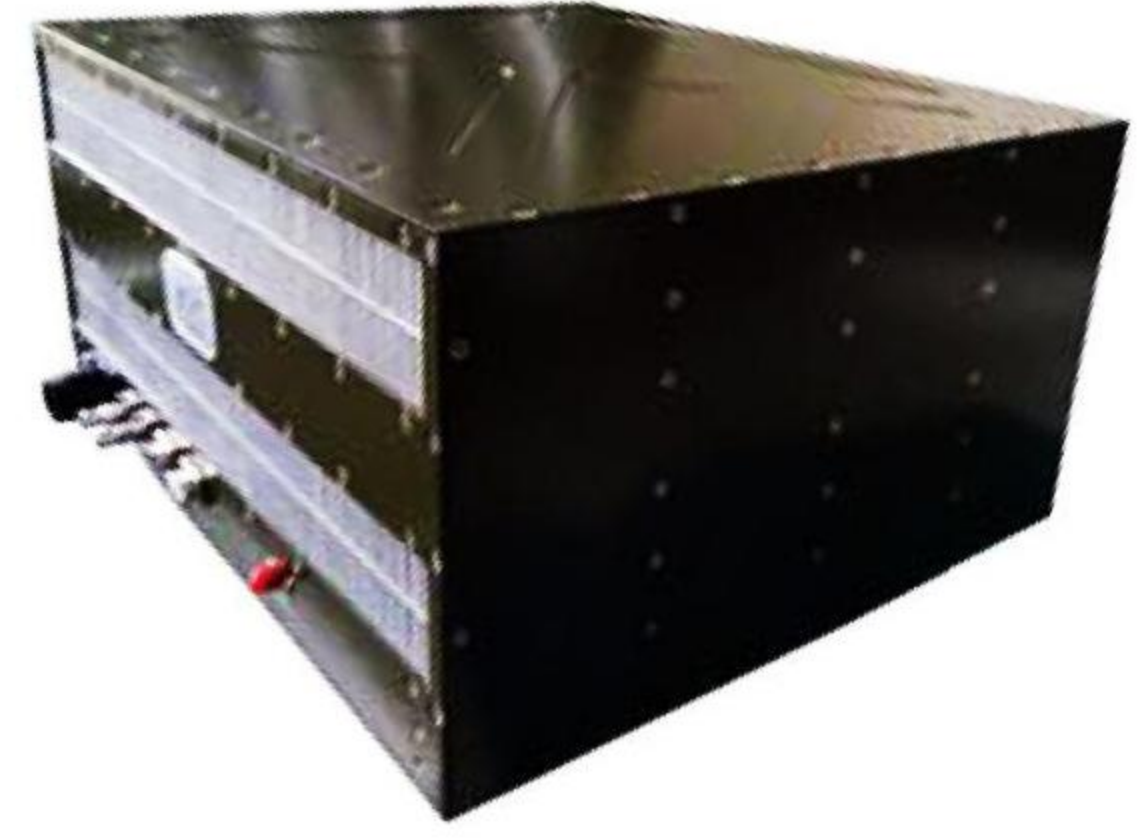


FEATURES

- 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
Power 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
Noise Figure				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
Power Supply@VAC	200		300	Volt
Current@Pout=53.5dBm			9.5	A
Static Current		4.3		A

Note:Over temperature protection; Over voltage protection; Bias sequence protection;

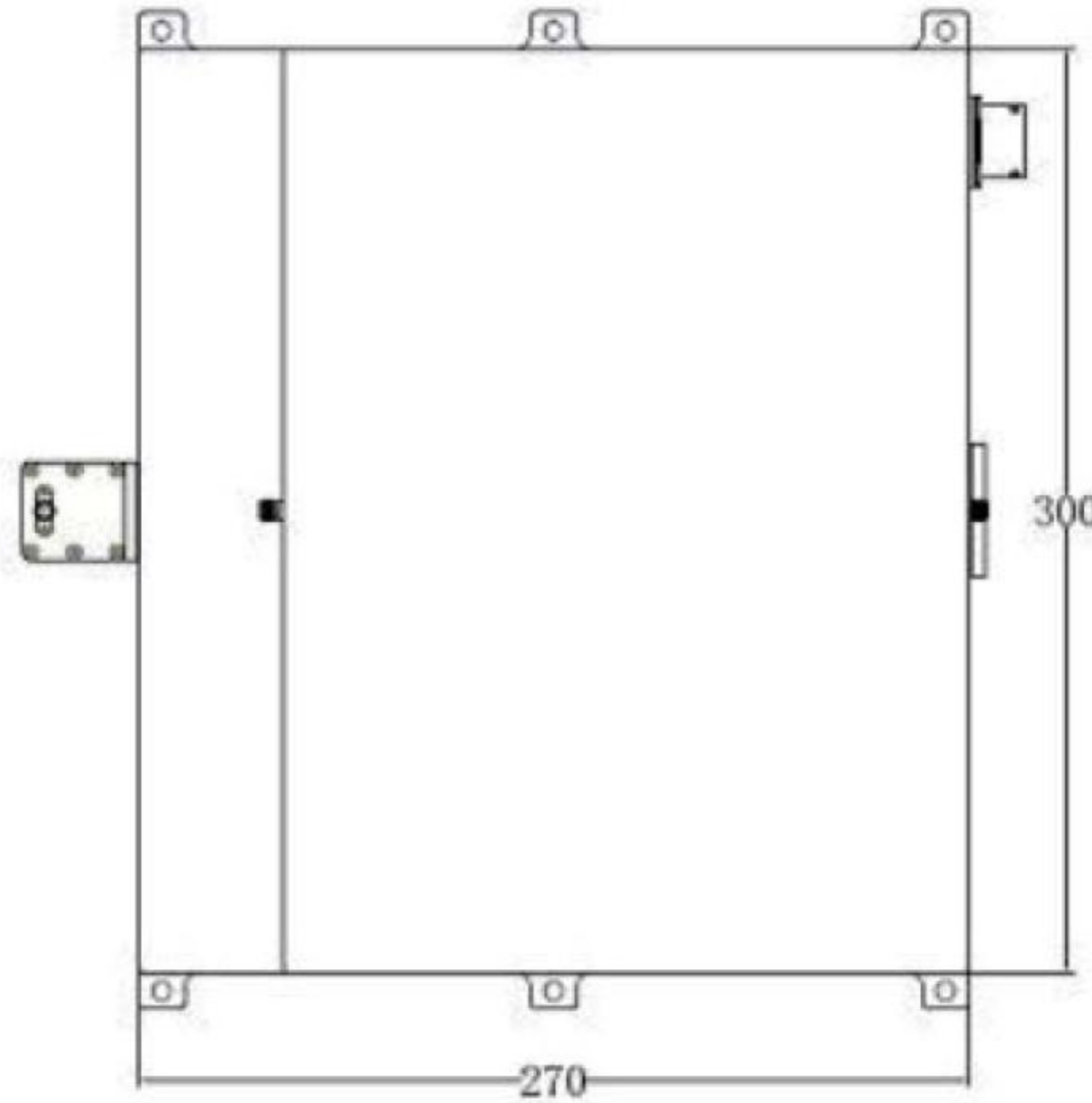
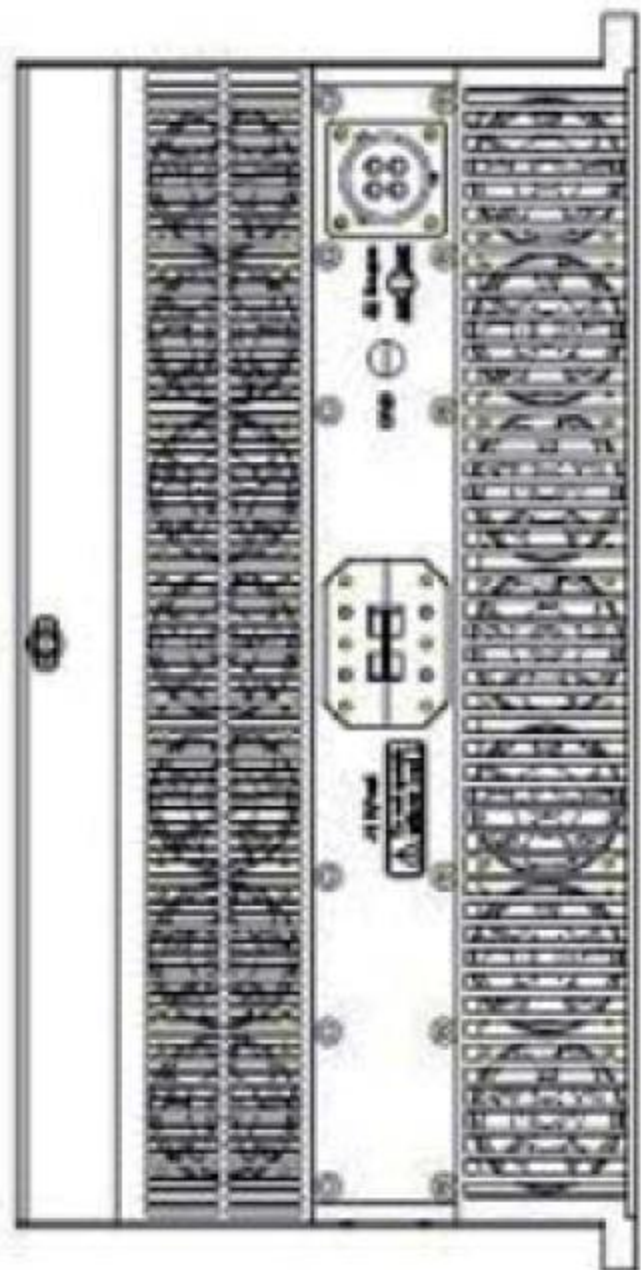
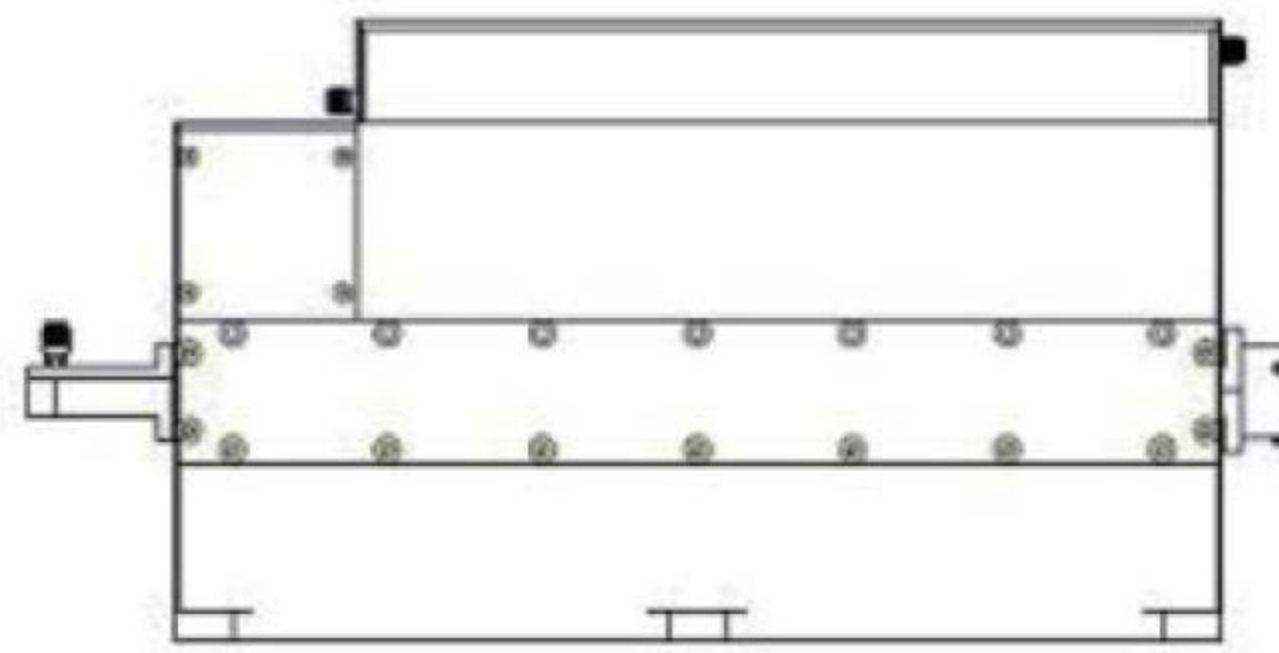
ENVIRONMENTAL RATINGS:

Parameter	Min	Typical	Max	Units
Max Input power			+10	dBm
Operating Temperature	-40		+50	°C
Non-operating Temperature	-45		+55	°C
Relative humidity (non-condensing)		95		%
Altitude		3000		feet
Shock / Vibration		/		

MECHANICAL SPECIFICATIONS:

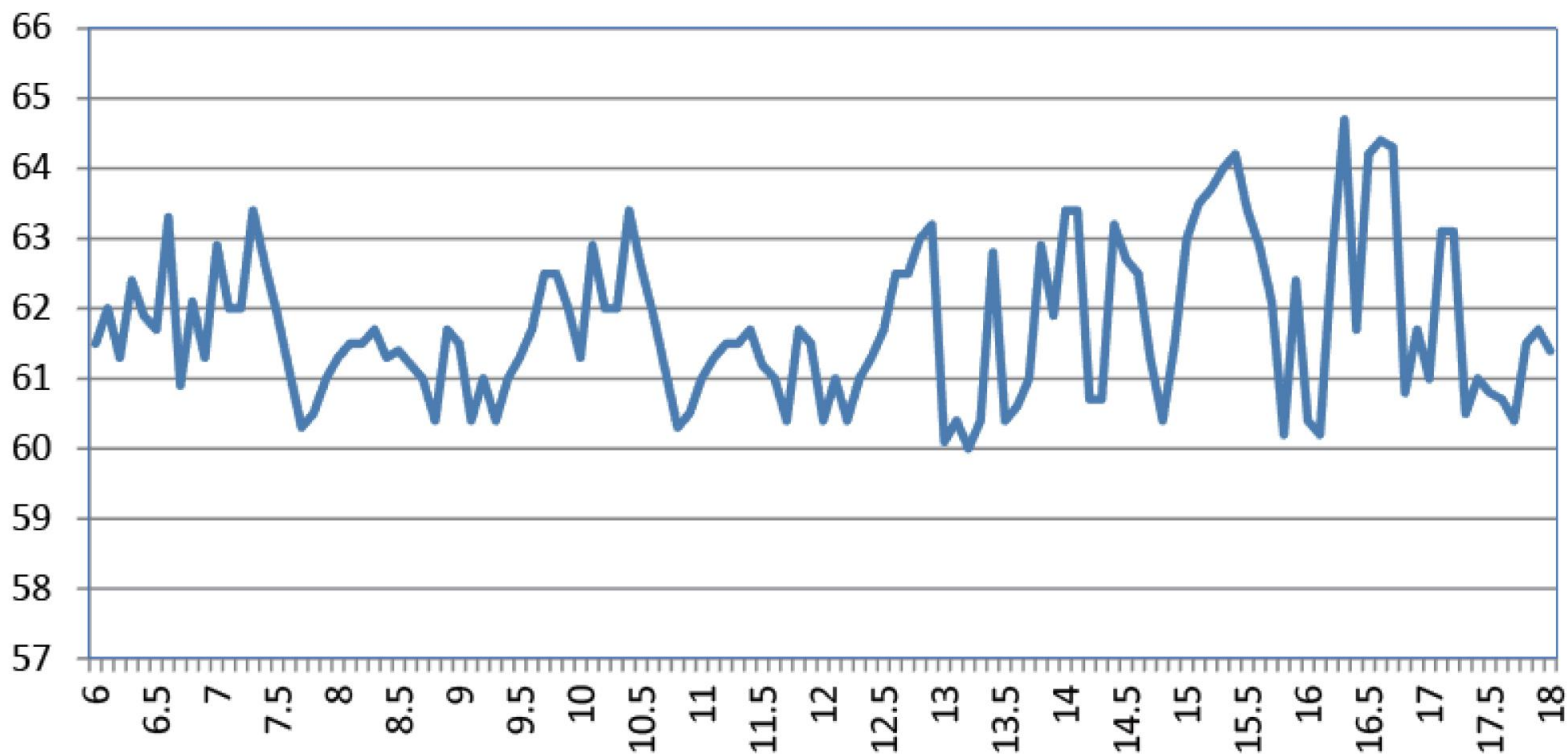
Parameter	Value	Limits	Units
Dimensions	270*300*160	Max	Millimeter
Weight	18	Max	Kg
RF Connectors Input	SMA-F		
RF Connectors output	WRD500		
FWD Coupling Connectors@50±2dB	SMA-F		
REV Coupling Connectors@50±2dB	SMA-F		
Communication Connectors	LAN/RS485		
Impedance			ohms

OUTLINE DRAWING(mm):

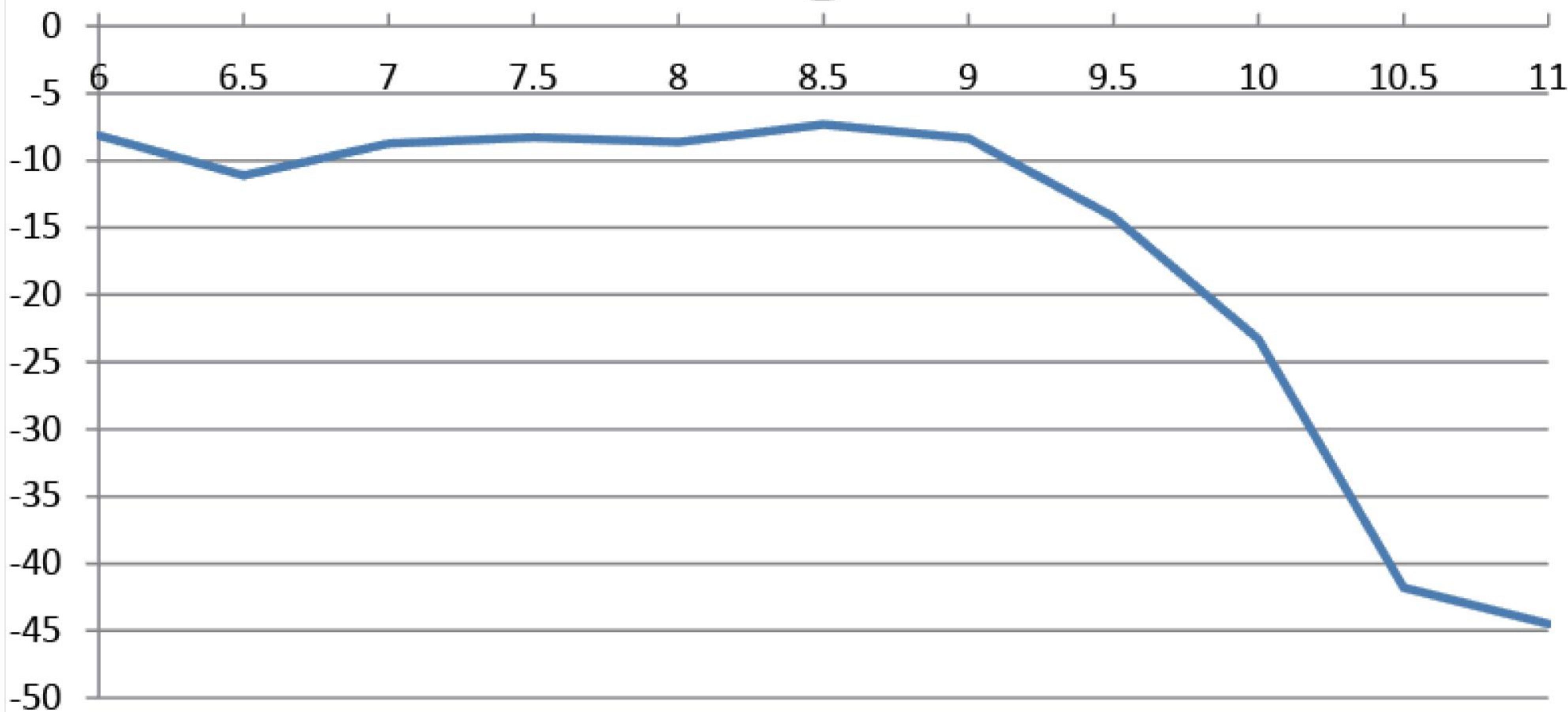


TEST DATA:

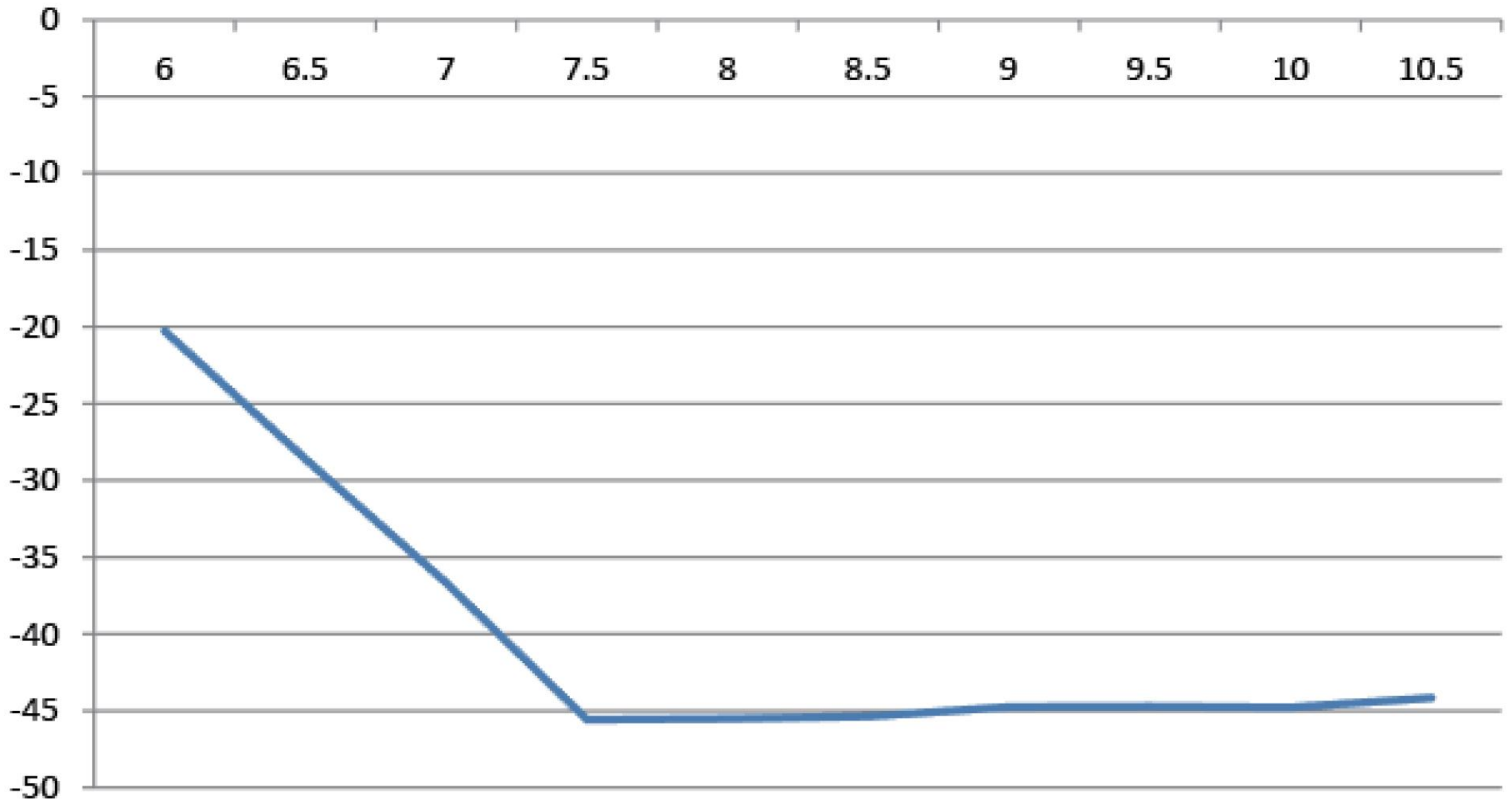
Power Gain@Pout=53.5dBm



Second Harmonics@Pout=53.5dBm



Third Harmonics @Pout=53.5dBm



Current @ Pout=53.5dBm

