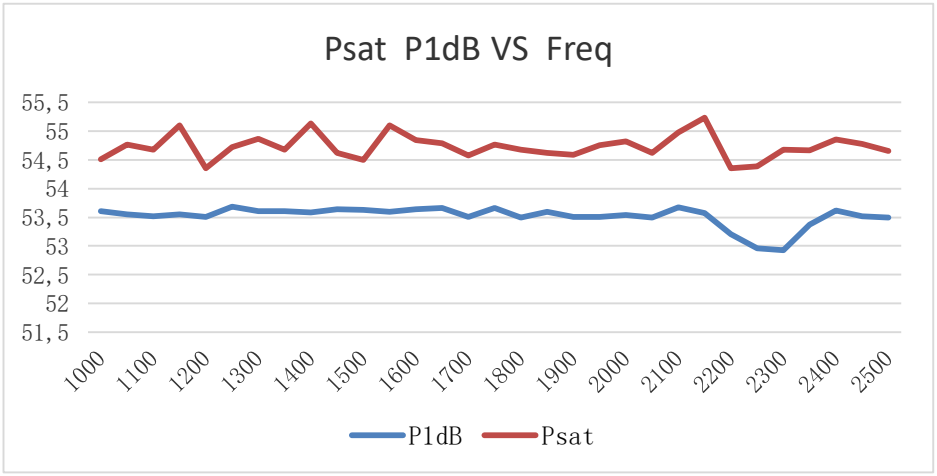
RFLIGHT

NTWPA-1025250P

Power Amplifier

NTWPA Series power amplifier is our key product adopting complete solid-state solution, featuring with high reliability, friendly interactive user interface, it has been widely used in various applications including wireless telecommunication medical, EMC etc.

- Excellent design, efficient cooling
- Standardized enclosure, easy for cabinet install
- Various protections, high reliability



Product Specifications

Parameters	Performance	Remarks
Working frequency	1GHz～2.5GHz	-
Output Power	250W	-
P-1dB	200W	160W min
Max. Input Power	0dBm	CW
Input Resistance	50Ω VSWR 2.0：1	-

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Output Impedance	50Ω nominal	
Gain	54dB	-
Gain Flatness	±5dB	-
2 nd Harmonic Wave	-15dBc@160W	-
Out-band Spurious	-50dBc	200kHz away from main signal
Over-VSWR	5	Alarm activated , PA stops working when output VSWR>5
Over-heat	70℃	-
Over-heat	-	PA protected from damage when input with large power
Working Temperature	0℃～+40℃	-
Environment	Humidity≤90%	
Working Voltage	AC 220V±10% ， 50/60Hz	10A*1
Size (L*W*H)	448mm×600mm×270mm	6U
Enclosure Surface Finish	-	Spray paint, sand blast
Input Interface	N-K type	Rear panel
Output Interface	N-K type	Rear panel
Fwd-Rev Coupling Interface	N-K type	Rear panel
Cooling Unit	-	Forced Air Cooling
Controlling Interface	GPIB、LAN	

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Options

A:	*The input/output interface is on the front panel	☐
B:	The input/output interface is on the rear panel	☐
C:	Security lock DB15	☐
D:	*Gain adjustment	☐
E:	Built-in dual directional coupler, providing coupling port	☐

*) These options may reduce output power and/or gain

Remark: With continuous product improvement, technical parameters of this document are subject to changes without further notice.

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