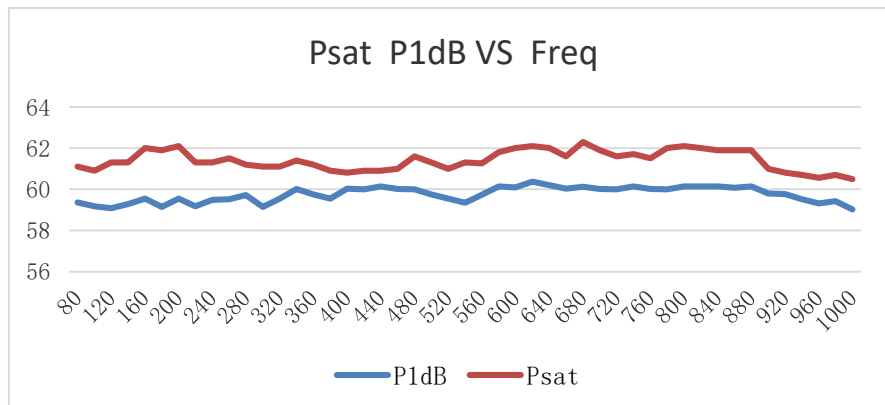


NTWPA Series power amplifier is our key product adopting complete solid-state solution, featuring with high reliability, friendly interactive user interface, it has been widely used in various applications including wireless telecommunication medical, EMC etc.



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



Product Specifications

Parameters	Performance	Remarks
Working frequency	80MHz~400MHz/400MHz~1GHz	Realized in sections, switchable by switch
Output Power	1000W	CW
P-1 Power	800W typ	700W min
Max. Input Power	0dBm	CW
Input resistance	50 Ω	VSWR 2.0: 1

Power Amplifier

Output impedance	50 Ω nominal	
Gain	60dB	-
Gain Flatness	± 4 dB	-
2 nd Harmonic Wave	-15dBc@800W	-
Out-band Spurious	-50dBc	-
Over-VSWR	5	Alarm activated , PA stops working when output VSWR>5
Over-heat	70 $^{\circ}$ C	-
Over-heat	-	When the input power is too large and the output power is greater than the rated power, the power amplifier will not be damaged
Working Temperature	0 $^{\circ}$ C~+40 $^{\circ}$ C	-
Humidity	$\leq 90\%$	
Working Voltage	AC 220V $\pm 10\%$, 50/60Hz	32A*1
Size (L*W*H)	0.85m \times 0.6m \times 1.7m	Cabinet
Enclosure Surface Finish	-	Spray paint, sand blast
Input Interface	N-K type	Rear panel
Output Interface	7/16-K type	Rear panel
Fwd-Rev Coupling Interface	N-K type	Rear panel
Cooling Unit	-	Forced Air Cooling
Controlling Interface	GPIB、LAN	Communication protocol

Options

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

*) 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.