

75-110GHz Turnkey Source

Product Features

- Frequency: 75-110GHz
- Output Power: 13dBm typ.
- Turnkey Source with frequency synthesis
- Cost-effective THz sources



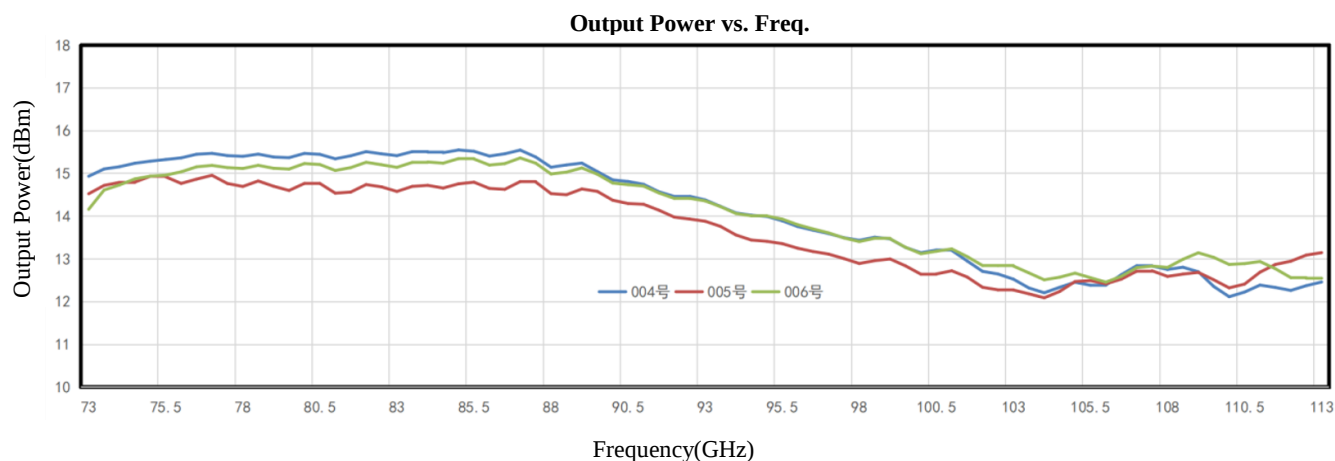
Electrical Specs:

Parameter	Minimum	Typical	Maximum
Output Frequency (GHz)	75		110
Input Frequency (GHz)	12.5		18.3
Multiplier factor		6	
Input Power(dBm)	3	7	10
Output Power(dBm)	12	13	
AMC harmonic suppression (dBc)	35	45	
Synthesis harmonic suppression (dBc)	20		
Power supply (AC, V)		220	
Operating Temperature(°C)	-20		+50

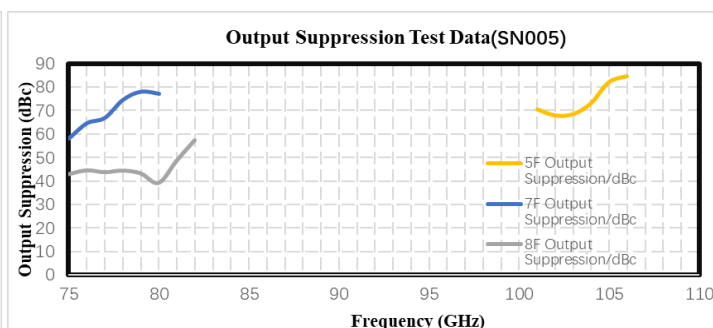
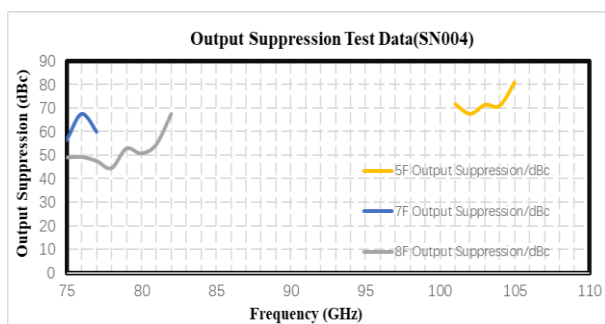
Mechanical Specs:

Item	Specification
Power supply	220V AC power cable
Output	WR-10 Waveguide with W/UG-387/U-M Flange
Material	Aluminum box shell
Weight	1.5Kg
Size (W×L×H)	19cm*13cm*10cm

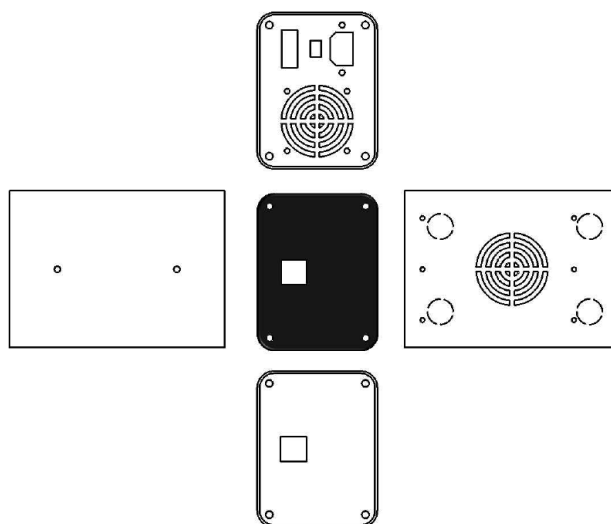
Measured Performance:



Output Suppression Test Data



Mechanical Outline:



Notes:

1. Pay attention to the input power, The maximum input power should not exceed 10dBm.
2. Do not loosen or remove any part of the device screws, may lead to irreversible damage.