

50-75GHz 信号源扩展模块

50-75GHz Signal Source Expansion Module

Product Features

- Frequency: 50-75GHz
- Output power: -5~22dBm@62GHz adjustable
- Electronic Attenuator Integrated
- Special Version for PA/LNA measurement
- High Power version available 800mW



Electrical Specs:

Parameter	Minimum	Typical	Maximum
Output Frequency(GHz)	50		75
Output Power(@62GHz,Adjustable, dBm)	-5		22
Input Frequency(GHz)	25		37.5
Input Power(dBm)	2	3	4
Input S11(dB)			1.7
Control Voltage(V)	-4		0
DC Voltage(V)		+15	
DC Supply Current(mA)		550	
Operating Temperature(°C)	+20	+25	+30

Note: 1)Before powering on, please ground the device through the GND port;
2)Before testing, please power on and warm up for 0.5 hours.

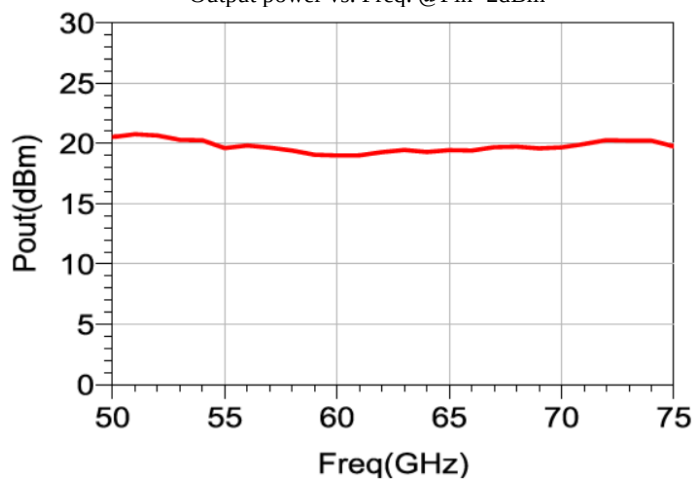
Mechanical Specs:

Item	Specification
Input (RFin)	2.4mm(F)
Output	WR-15 Waveguide with W/UG-385/U-M Flange
Power Control Interface(VCA)	BNC(F), 0V-minimum attenuation, -4V-maximum attenuation
DC power interface(DC_Input)	Power adapter: 100-240VAC, 3A, 50-60Hz
Size (W×L×H)	160 mm×127 mm×74.6 mm

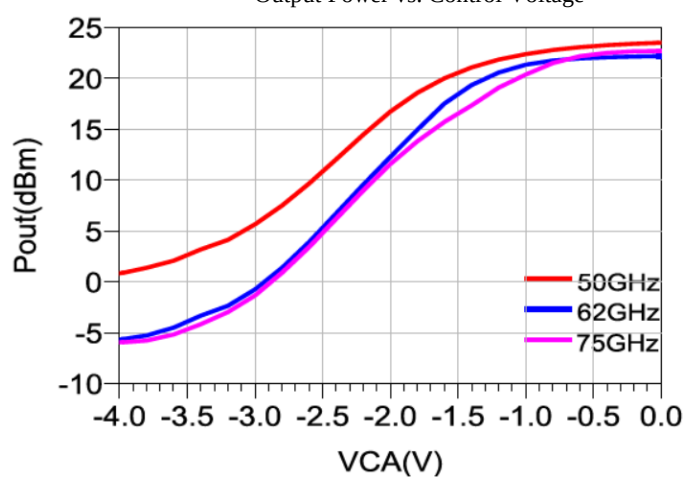
Weight	1.8Kg
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Measured Performance (TA=+25°C) :

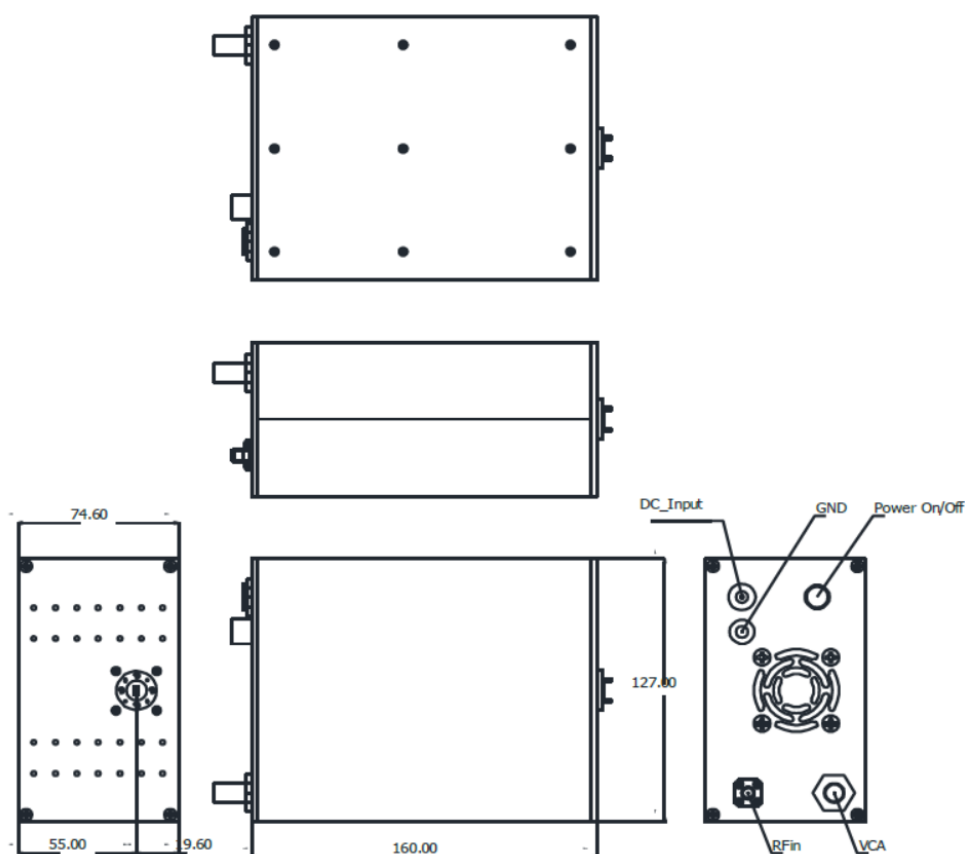
Output power vs. Freq. @Pin=2dBm



Output Power vs. Control Voltage



Mechanical Outline:



Notes:

1. Datasheet may be changed according to update of MMIC, Raw materials , process, and so on.
2. This data is the typical performance for the reference.