



50W Adjustable Amplifier 20-1000MHz

Features

- Wide Band Operation 20-1000MHz
- High Power 50~150W upon request.
- Wide range power adjustment
- Flat frequency response
- Input, output protection with alarm.
- Temperature Range -20°C~+75°C
- Customization available upon request



Electrical Specifications			
Frequency	20-1000MHz	Output Power	50W
Gain	50dB	Gain flatness	±2dB
Gain adjustment range	15dB	Protection	Open Circuit, Over Temperature, input over drive
OIP3	55dBm	Input VSWR:	2.5 : 1
Power Reading error	2.5dBm	AC Voltage	100-240(V)
Harmonics	-15dBc (2 nd and 3 rd)	Spurious	-60dBc
Weight	4Kg	Impedance	50Ω
Mechanical Specifications			
Operation Temperature:	-20°C to 50°C	Mechanical shock	30G, 11mSec half sin wave, 3 axis both directions
Vibration:	14.2g RMS (15-2000Hz) functional	Humidity	95% relative humidity, 65°C 96Hour
	16.2g RMS (15-2000Hz) endurance, 1 hour per axis	MTBF	50000 hour min
Connectors:	N/Female	Dimension	17.64" x 14.17" x 3.46" 448×360×88mm

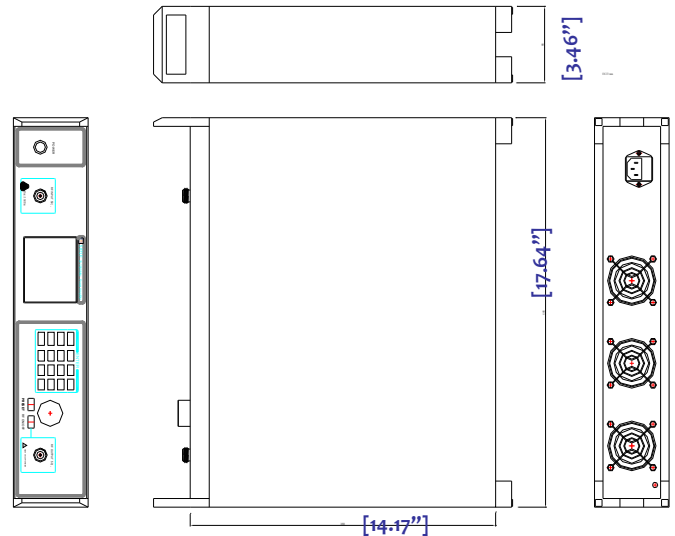
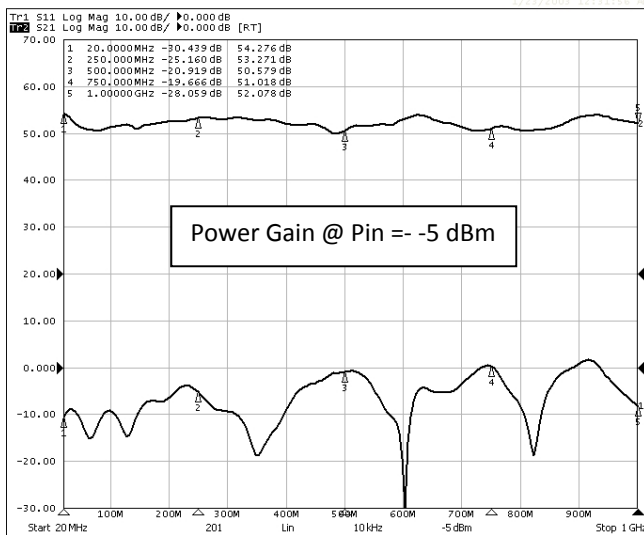
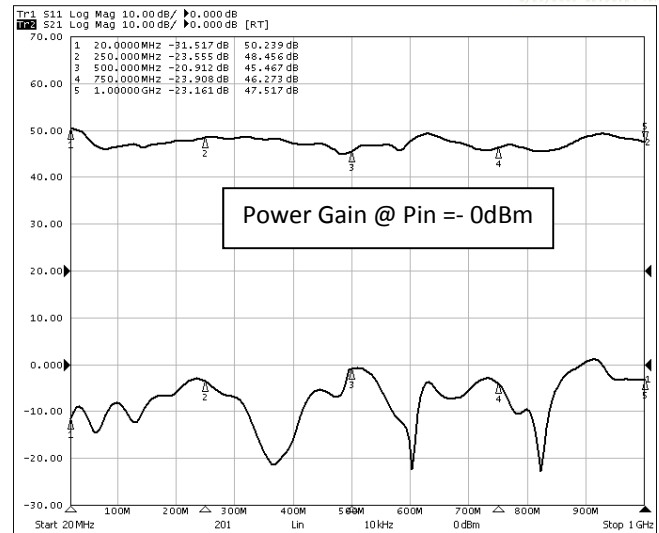
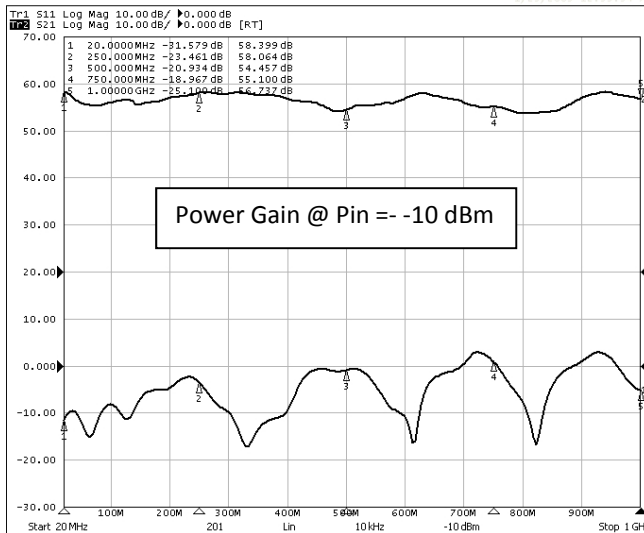


RF-LAMBDA

The power beyond expectations

RAPAoM1GW50

50W Adjustable Power Amplifier 20-10000MHz



Power test typical value(Input:+5dBm/Output: 47dBm)

Frequency (MHz)	20	100	200	300	400	500	600	700	800	900	1000
Output power (dBm)	48.7	46.8	47.5	47.5	46.4	46.0	45.9	45.5	45.5	47	47