

YSPA31-R3-26R5-S-B

0.3-26.5 GHz Benchtop PA, 31 dB Psat, SMA

Key Features

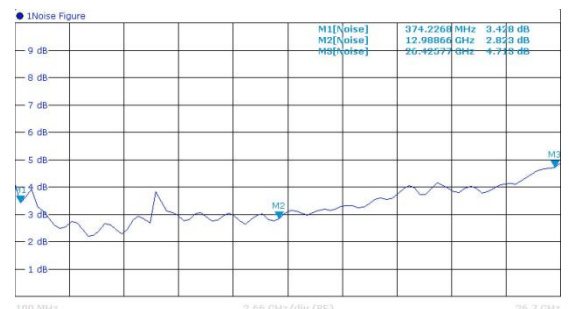
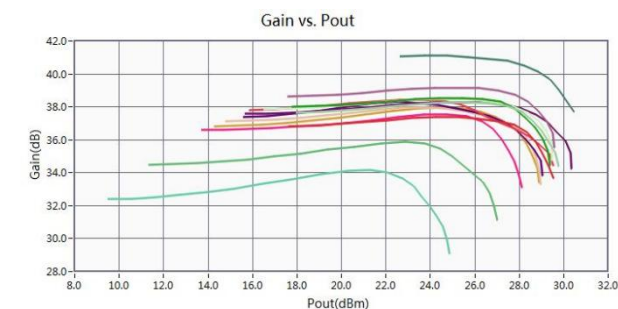
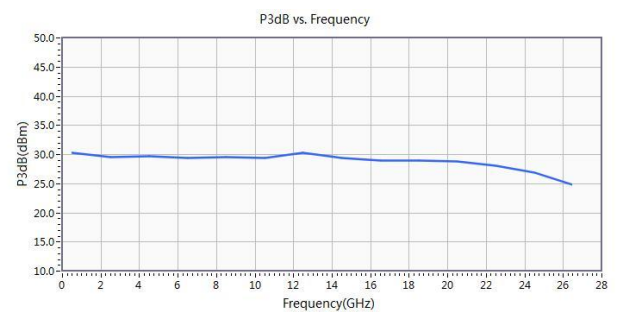
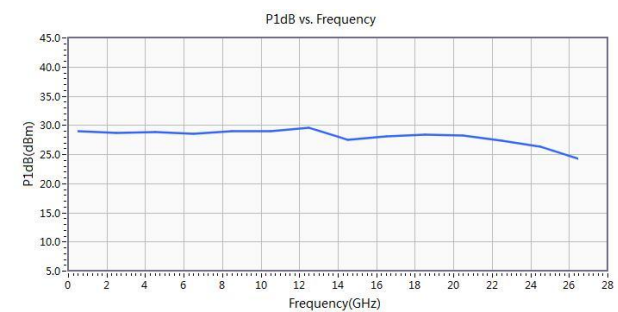
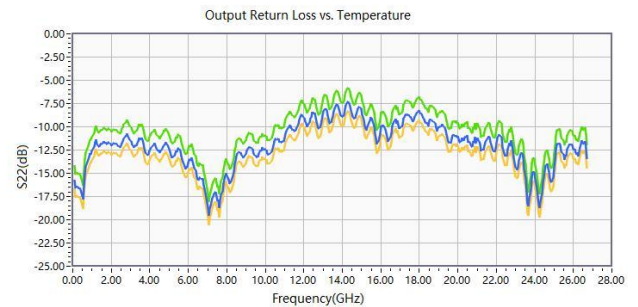
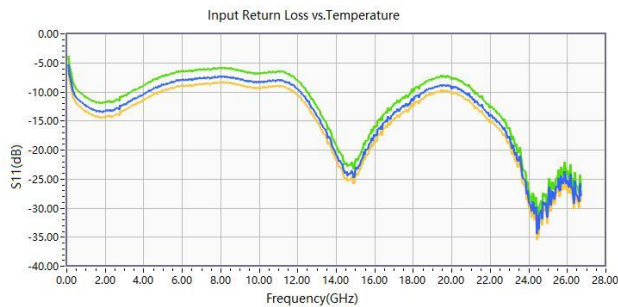
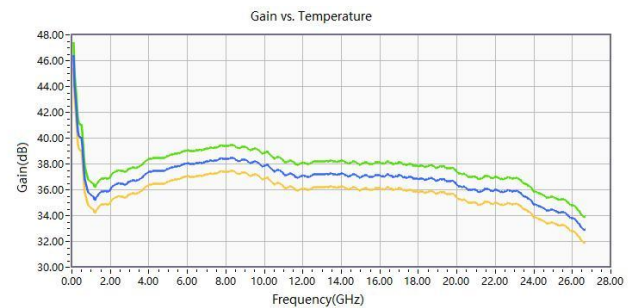
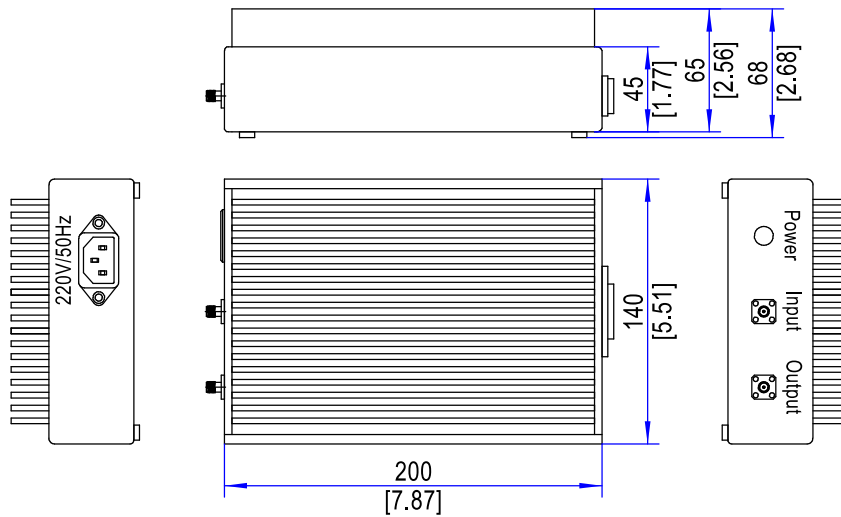
- Broadband 0.3-26.5 GHz coverage
- 31 dBm Psat
- Low spurious emissions
- High reliability for continuous operation
- Compact module with +15 V supply

Applications

- Broadband communication systems
- Radar transmitter subsystems
- RF test and measurement
- Electronic warfare (EW)
- Microwave research laboratories

Electrical Specifications				
Parameter	Min.	Typ.	Max.	Unit
Frequency Range	0.3	-	26.5	GHz
Gain	-	37	-	dB
Gain Flatness	-	±2.5	-	dB
Input VSWR	-	2.0	-	-
Output VSWR	-	2.0	-	-
Noise Figure	-	5.0	-	dB
Output P1dB	-	30	-	dBm
Output Psat	-	31	-	dBm
Input Max Power(no damage)	-	-	5	dBm
Supply Voltage	9	-	15	V
Supply Current	-	0.8	0.9	A
Impedance	50			Ω
Environmental Specifications				
Operating Temperature	-25°C to +85°C			
Storage Temperature	-55°C to +125°C			
Mechanical Specifications				
Connectors	SMA Female			
Material	Aluminium			
Weight	500 g			
Dimensions ¹	200×140×68 mm [7.87×5.51×2.68 in]			

Outline Drawing (Units: mm/[inch], Tolerance: ±0.2 mm)



Note 1: Excluding Connectors