

Features

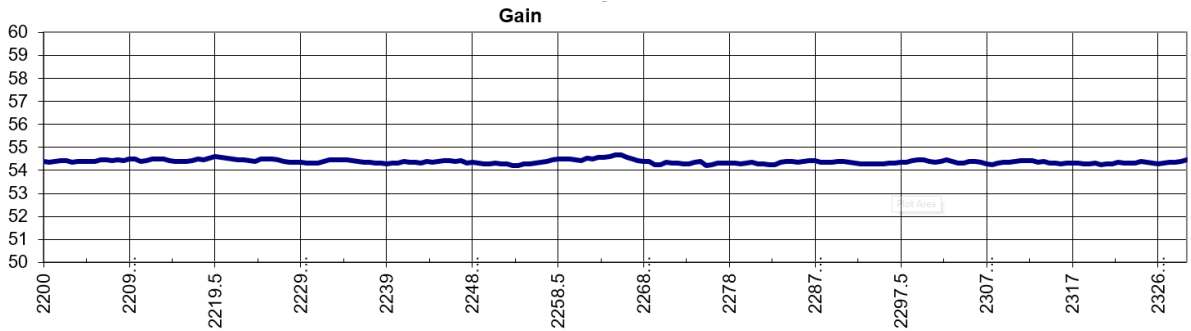
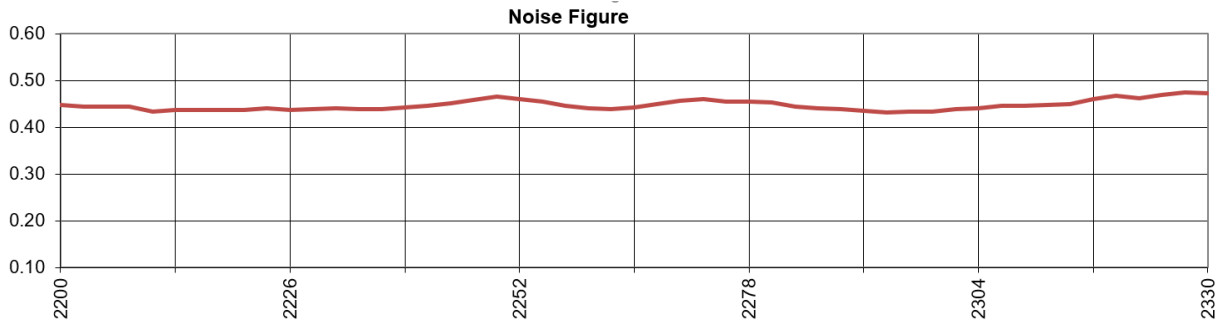
- Noise Figure ≤ 0.56 dB max
- Unconditionally Stable at all temperatures
- DC Supply Voltage Internally Regulated
- 50 Ohm Matched Input/Output
- Aluminum package
- Excellent Group Delay and Phase Linearity
- Weatherproof
- Operating Temp. -40 C to +70 C
- 3 Year Warranty
- Contact closure fault alarm

Options

- **Optimized Performance over Selected Bandwidth**
- Bias through output RF connector
- Epoxy paint coating
- Improved Gain Flatness ± 1.0 dB Max
- Improved IN and OUT VSWR
- Custom Gain and Output Power

Specifications (23 °C)

Parameter	Min.	Typ.	Max.	Unit
Frequency Range	2.1	–	2.5	GHz
Noise temperature	–	35	40	K
Gain (center band)	50	52	–	dB
Gain Flatness	–	± 0.5	± 1	dB
P1dB Output Power	10	12	–	dBm
Input VSWR	–	1.3:1	1.4:1	
Output VSWR	–	1.3:1	1.4:1	
Operating Temperature	-40	–	+70	°C
Third Order Intercept	20	22	–	dBm
Group Delay	–	–	± 0.1	nSec
Voltage	+12	–	20	V
Current , typical	–	190	–	mA



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