

ALN450M1G-38

Wideband Ultra Low Noise Amp

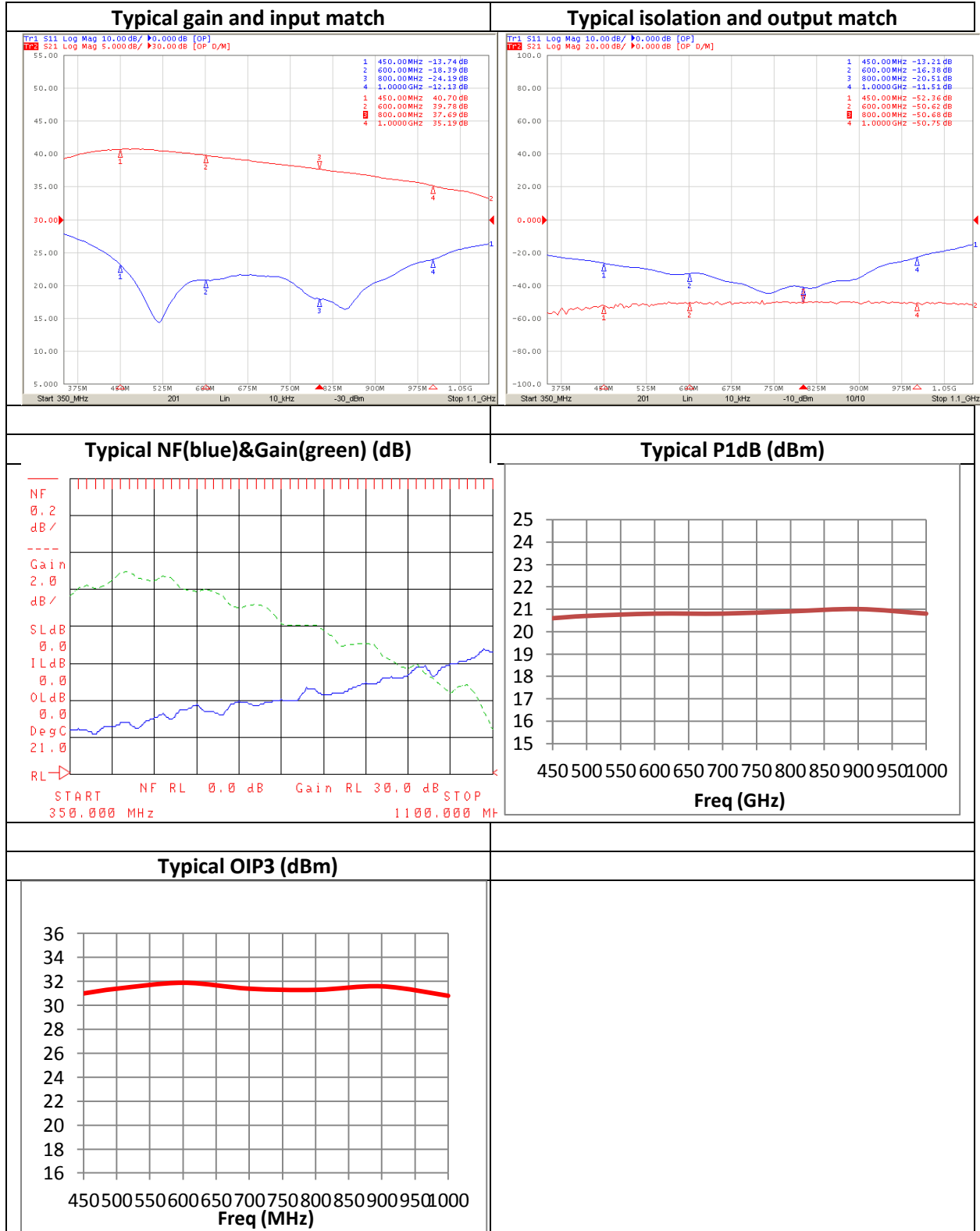
- 450MHz to 1000MHz
- Gain: 38.0dB
- NF: 0.3dB
- P1dB: +20.0dBm
- OIP3: +31.0dBm
- I/O matched 50Ω



	Unit	Min	Typ.	Max.	Note
Bandwidth	MHz	450		1000	
Gain (S21):	dB		38		
Flatness	dB		±2.5		
Input match:	dB			-10	
Output match:	dB			-10	
Isolation:	dB	45			
OIP3:	dBm		31.0		
P1dB:	dBm	20			
NF:	dB	0.3		0.6	
Current sink	mA		150		
Power supply	V	6	12	18	
Operating case temperature	°C	-15		+60	
Storage temperature	°C	-55		+100	
Dimensions		See outline drawing			
Weight	g		85		

Measured at 25°C, in a 50Ω system at room temperature unless otherwise specified

Upon request, this ULNA can be fitted with internal SAW filter to match any narrow band application within the 450-1000MHz. Only a 3dB gain loss is to be expected.



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Outline Drawing (all dimensions in mm)

