

ALN20M3G-40

Wideband Low Noise Amp

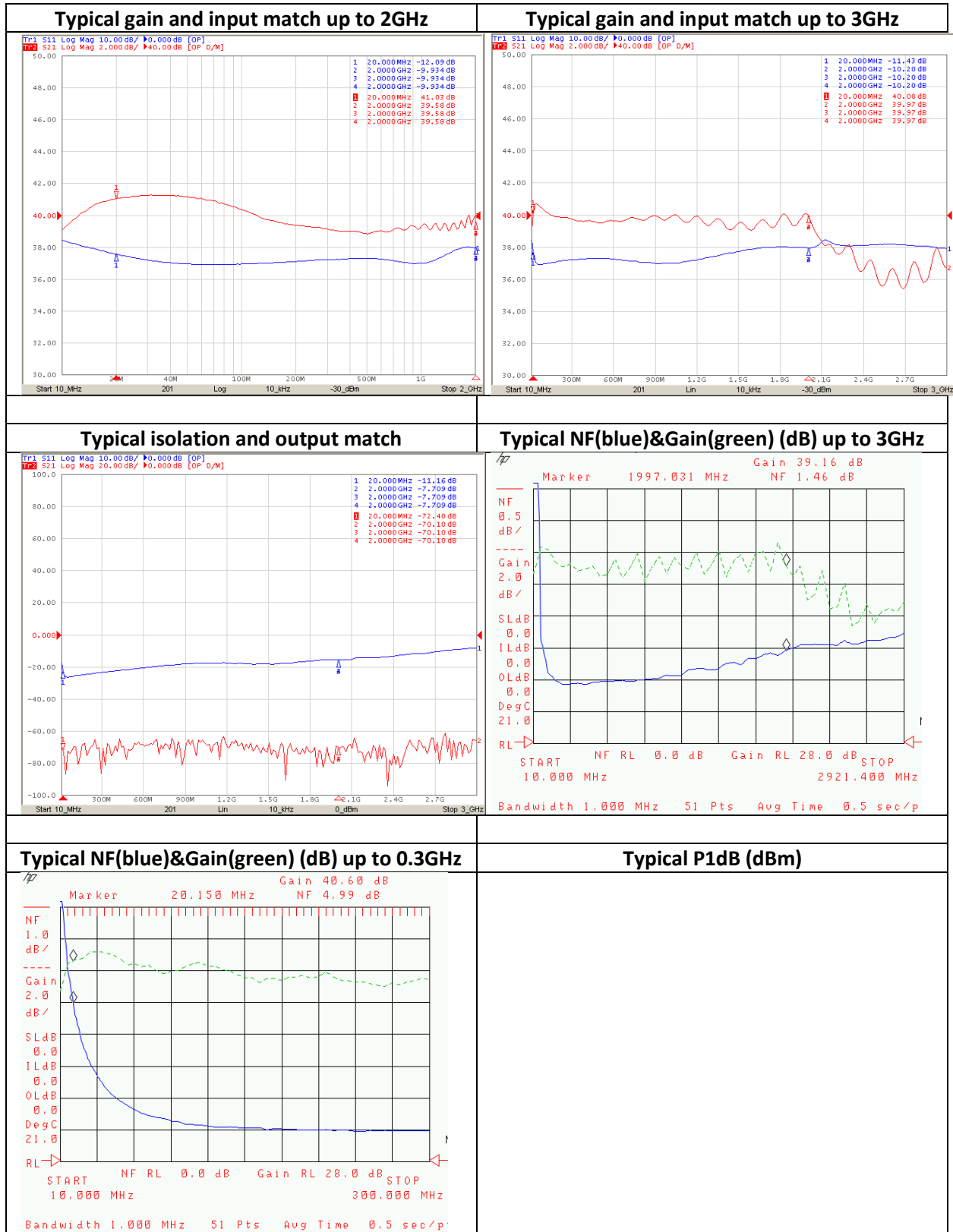
- 20MHz to 3000MHz
- Gain: 40.0dB
- Gain flatness: ± 1.0 dB
- NF: 1.0dB typ
- P1dB: +21.0dBm
- OIP3: +38.0dBm
- I/O matched 50 Ω



	Unit	Min	Typ.	Max.	Note
Bandwidth	MHz	20		3000	
Gain (S21):	dB		40.0		
Flatness	dB		± 1.0 ± 2.5		From 0.02 to 2GHz Over full band
Input match:	dB		-10		From 0.02 to 2GHz
Output match:	dB		-6		From 0.02 to 2GHz
Isolation:	dB	55			
OIP3:	dBm		38.0		
P1dB:	dBm		21.0		
NF:	dB		1.0	1.5 2.0	Up to 2GHz From 0.05 to 3GHz
Current sink	mA		250		
Power supply	V	8	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 50 Ω system at room temperature unless otherwise specified

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Outline Drawing (all dimensions in mm)

